

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072224\
 Data File : BF138604.D
 Acq On : 22 Jul 2024 13:10
 Operator : RC/JU
 Sample : PB162114BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162114BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 07/23/2024

Supervised By :mohammad
 ahmed
 07/23/2024

Quant Time: Jul 22 13:31:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90763	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	379409	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	207012	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	366247	20.000	ng	0.00
76) Chrysene-d12	14.021	240	229312	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	232363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	743989	129.821	ng	0.00
7) Phenol-d6	6.504	99	986750	129.431	ng	0.00
23) Nitrobenzene-d5	7.428	82	651020	84.246	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	245924	127.110	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1071737	80.914	ng	0.00
79) Terphenyl-d14	12.969	244	1184213	84.131	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	99981	39.391	ng	98
3) Pyridine	3.481	79	265432	42.406	ng	96
4) n-Nitrosodimethylamine	3.446	42	189711	46.559	ng	89
6) Aniline	6.522	93	259143	36.291	ng	# 28
8) 2-Chlorophenol	6.651	128	300999	49.671	ng	99
9) Benzaldehyde	6.410	77	25566	6.265	ng	98
10) Phenol	6.516	94	384606	47.528	ng	89
11) bis(2-Chloroethyl)ether	6.598	93	298426	48.981	ng	99
12) 1,3-Dichlorobenzene	6.798	146	303081	44.495	ng	97
13) 1,4-Dichlorobenzene	6.881	146	310559	44.898	ng	99
14) 1,2-Dichlorobenzene	7.028	146	298458	46.328	ng	98
15) Benzyl Alcohol	7.004	79	278411	48.661	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	542894	45.312	ng	85
17) 2-Methylphenol	7.122	107	239475	48.219	ng	# 91
18) Hexachloroethane	7.369	117	117537	46.223	ng	95
19) n-Nitroso-di-n-propyla...	7.275	70	227010	48.190	ng	95
20) 3+4-Methylphenols	7.275	107	296574	47.422	ng	# 90
22) Acetophenone	7.269	105	380700	41.314	ng	98
24) Nitrobenzene	7.445	77	348230	44.344	ng	98
25) Isophorone	7.681	82	620061	46.724	ng	99
26) 2-Nitrophenol	7.757	139	161699	48.042	ng	96
27) 2,4-Dimethylphenol	7.798	122	208757m	50.464	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	365558	46.092	ng	98
29) 2,4-Dichlorophenol	8.004	162	241593	44.973	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	256568	40.999	ng	98
31) Naphthalene	8.163	128	872906	44.237	ng	99
32) Benzoic acid	7.934	122	136142	34.506	ng	93
33) 4-Chloroaniline	8.216	127	154936	22.378	ng	97
34) Hexachlorobutadiene	8.275	225	148524	38.542	ng	99
35) Caprolactam	8.592	113	74663m	43.072	ng	
36) 4-Chloro-3-methylphenol	8.704	107	279036	46.397	ng	99
37) 2-Methylnaphthalene	8.857	142	552701	43.526	ng	100
38) 1-Methylnaphthalene	8.957	142	517528	41.760	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	230358	39.927	ng	99
41) Hexachlorocyclopentadiene	9.004	237	211337	112.852	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	160696	43.664	ng	98

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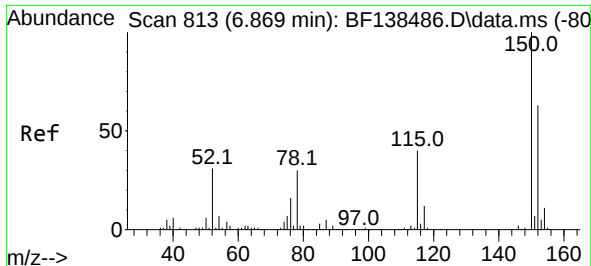
Reviewed By :Yogesh
 Patel
 07/23/2024

Supervised By :mohammad
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Quant Time: Jul 22 13:31:44 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	170048	42.009	ng	94
46) 1,1'-Biphenyl	9.322	154	653525	41.657	ng	99
47) 2-Chloronaphthalene	9.345	162	521474	43.999	ng	99
48) 2-Nitroaniline	9.445	65	198388	48.305	ng	98
49) Acenaphthylene	9.763	152	825206	49.041	ng	100
50) Dimethylphthalate	9.622	163	612947	45.791	ng	100
51) 2,6-Dinitrotoluene	9.686	165	137096	44.482	ng	90
52) Acenaphthene	9.933	154	515922	46.126	ng	99
53) 3-Nitroaniline	9.857	138	93234	29.515	ng	95
54) 2,4-Dinitrophenol	9.969	184	129604	78.449	ng	93
55) Dibenzofuran	10.104	168	734256	45.258	ng	99
56) 4-Nitrophenol	10.028	139	208994	89.666	ng	96
57) 2,4-Dinitrotoluene	10.092	165	187613	47.047	ng	96
58) Fluorene	10.451	166	583077	45.422	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	143348	44.872	ng	97
60) Diethylphthalate	10.322	149	590367	45.749	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	275245	42.700	ng	94
62) 4-Nitroaniline	10.475	138	142620	45.055	ng	97
63) Azobenzene	10.598	77	663698	47.838	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	104630	49.476	ng	87
66) n-Nitrosodiphenylamine	10.557	169	511561	46.620	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	166342	44.189	ng	100
68) Hexachlorobenzene	10.992	284	183397	43.855	ng	99
69) Atrazine	11.086	200	157362	43.254	ng	98
70) Pentachlorophenol	11.192	266	190373	76.933	ng	97
71) Phenanthrene	11.410	178	861335	46.551	ng	100
72) Anthracene	11.463	178	874797	47.628	ng	100
73) Carbazole	11.616	167	771264	46.726	ng	99
74) Di-n-butylphthalate	11.939	149	918029	48.251	ng	100
75) Fluoranthene	12.598	202	878240	46.516	ng	97
77) Benzidine	12.716	184	161208	27.864	ng	100
78) Pyrene	12.827	202	897519	38.556	ng	100
80) Butylbenzylphthalate	13.439	149	375598	53.637	ng	97
81) Benzo(a)anthracene	14.010	228	766802	49.835	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	134065	33.814	ng	# 97
83) Chrysene	14.051	228	659136	45.283	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	415918	55.691	ng	100
85) Di-n-octyl phthalate	14.604	149	486043	41.197	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	746350	47.819	ng	98
88) Benzo(b)fluoranthene	15.063	252	506169	38.680	ng	100
89) Benzo(k)fluoranthene	15.092	252	457913	35.879	ng	99
90) Benzo(a)pyrene	15.427	252	474011	41.234	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	605978	47.463	ng	99
92) Benzo(g,h,i)perylene	17.409	276	453678	33.510	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



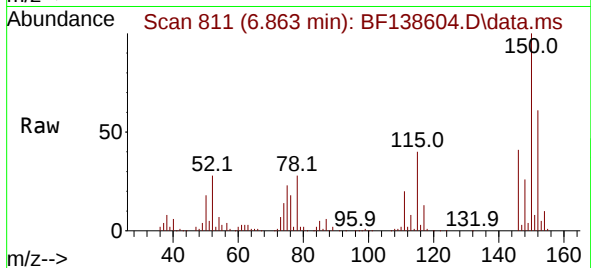
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion:152 Resp: 9076
Ion Ratio Lower Upper
152 100
150 163.4 126.2 189.4
115 64.8 50.3 75.5

Manual Integrations
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Reviewed By :Yogesh

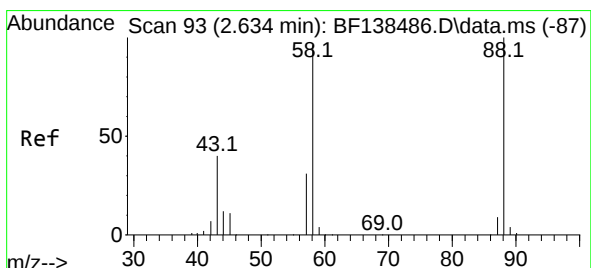
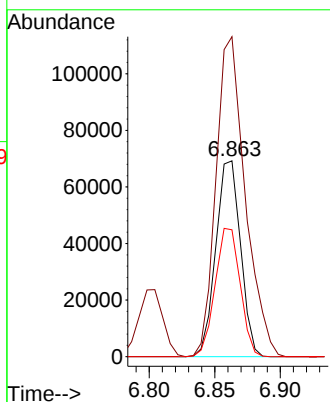
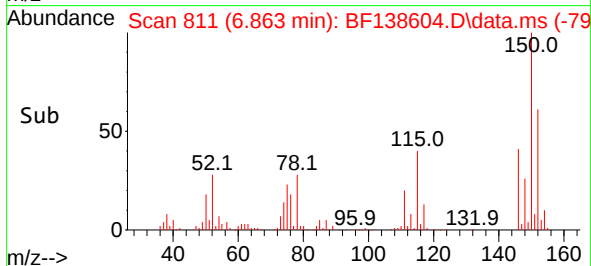
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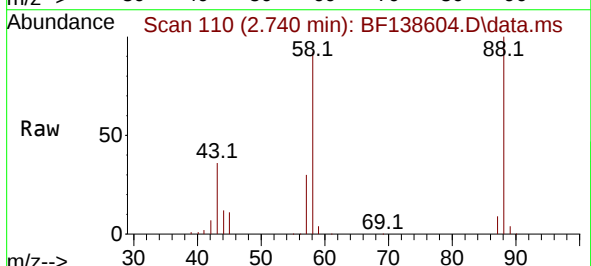
Supervised By :mohammad

ahmed

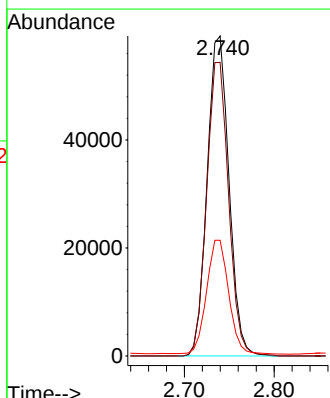
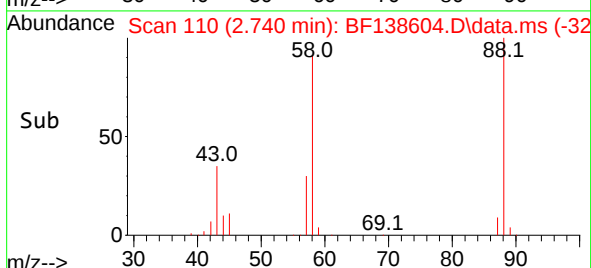
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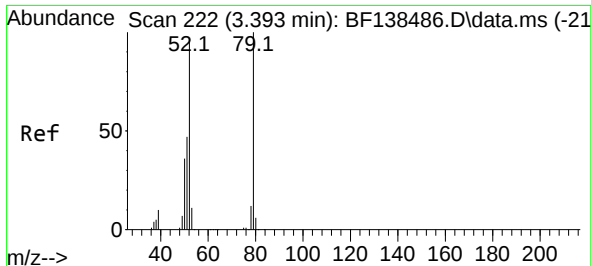


#2
1,4-Dioxane
Concen: 39.391 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.106 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10



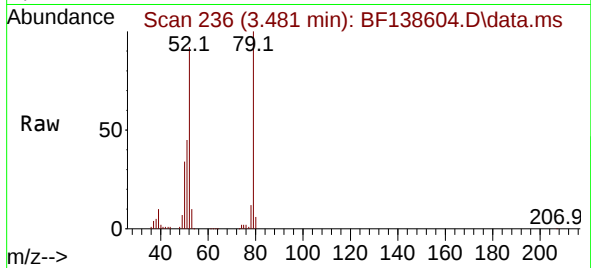
Tgt Ion: 88 Resp: 99981
Ion Ratio Lower Upper
88 100
58 92.3 74.6 112.0
43 36.2 31.8 47.6





#3
Pyridine
Concen: 42.406 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

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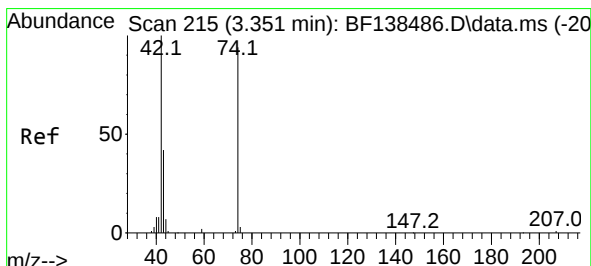
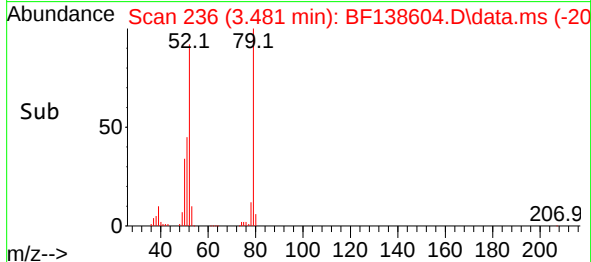
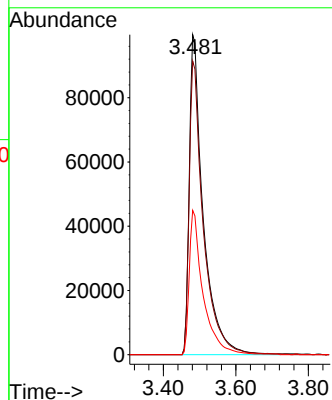


Tgt Ion: 79 Resp: 26543
Ion Ratio Lower Upper
79 100
52 91.7 77.4 116.2
51 45.1 37.4 56.0

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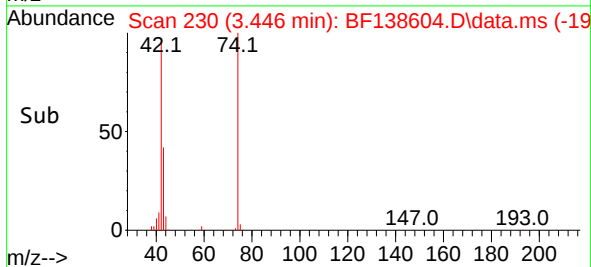
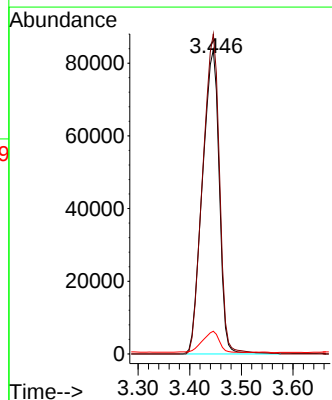
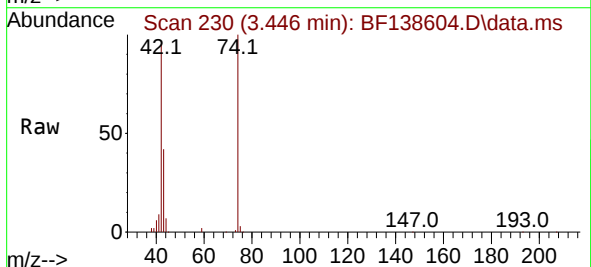
Reviewed By :Yogesh
Patel
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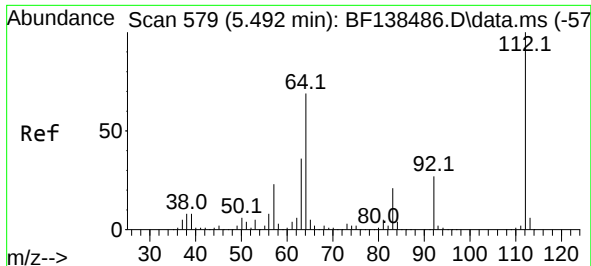
Supervised By :mohammad
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07/23/2024



#4
n-Nitrosodimethylamine
Concen: 46.559 ng
RT: 3.446 min Scan# 230
Delta R.T. 0.094 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion: 42 Resp: 189711
Ion Ratio Lower Upper
42 100
74 105.2 75.0 112.6
44 7.4 5.4 8.2





#5
2-Fluorophenol
Concen: 129.821 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS

Tgt Ion:112 Resp: 743989
Ion Ratio Lower Upper
112 100
64 70.4 55.1 82.7
63 37.1 29.0 43.6

Manual Integrations

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Reviewed By :Yogesh

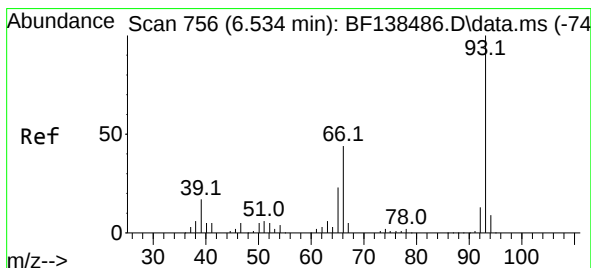
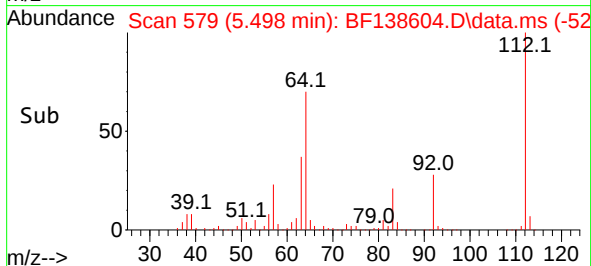
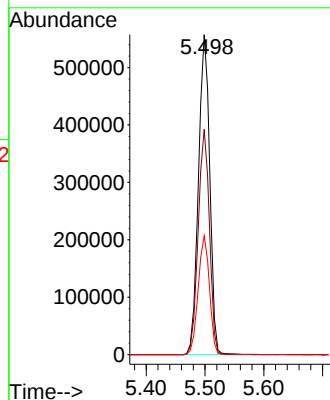
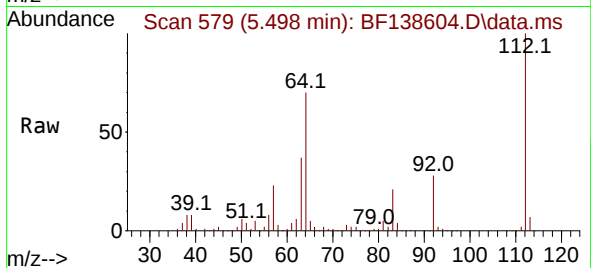
Patel

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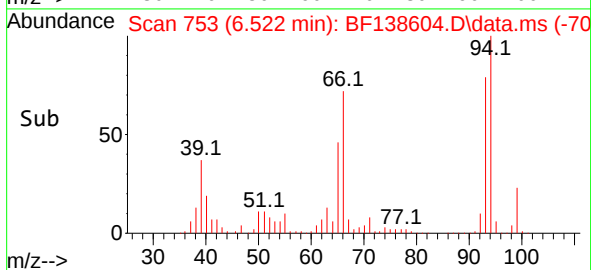
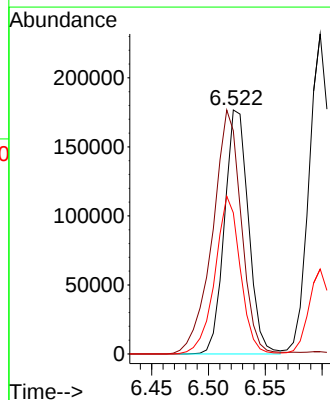
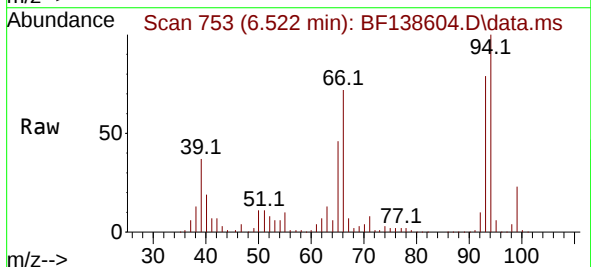
ahmed

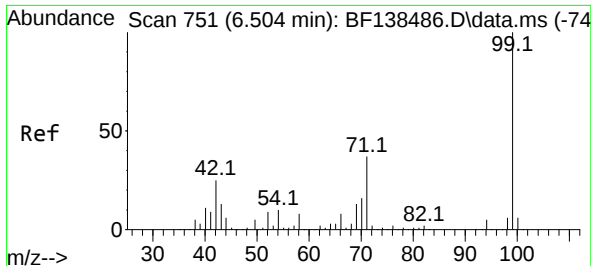
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#6
Aniline
Concen: 36.291 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

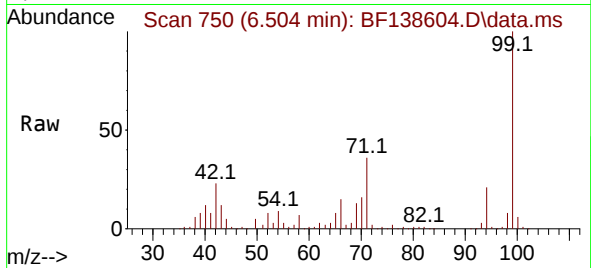
Tgt Ion: 93 Resp: 259143
Ion Ratio Lower Upper
93 100
66 91.5 35.4 53.0#
65 57.8 18.6 27.8#





#7
Phenol-d6
Concen: 129.431 ng
RT: 6.504 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

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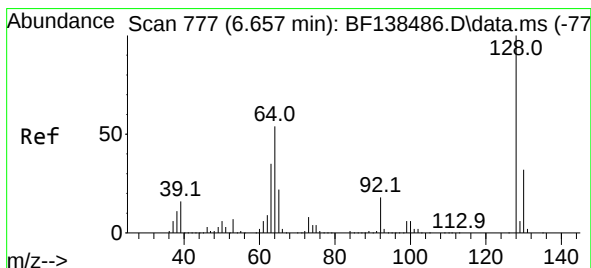
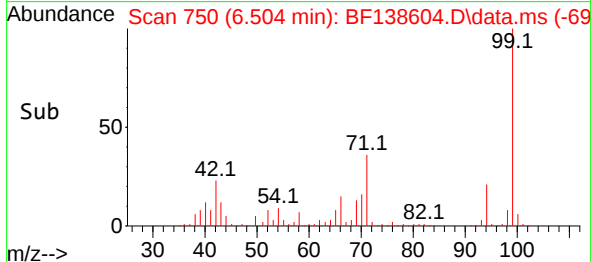
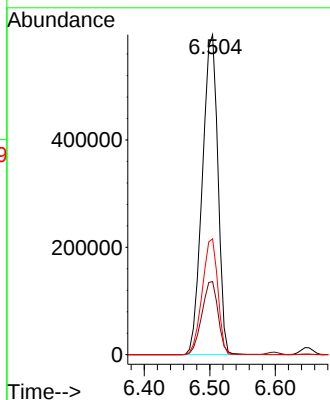


Tgt Ion: 99 Resp: 986750
Ion Ratio Lower Upper
99 100
42 22.8 19.7 29.5
71 36.2 29.9 44.9

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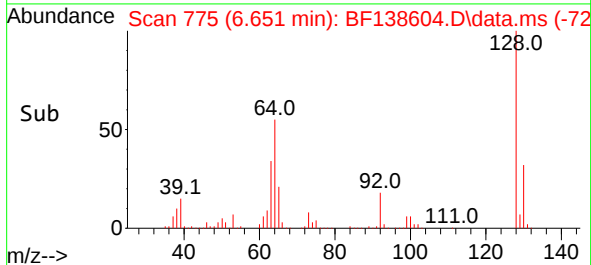
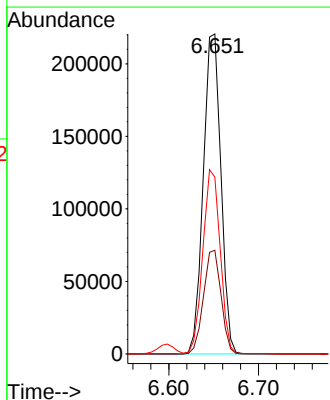
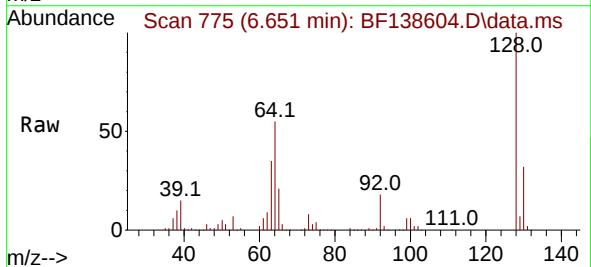
Reviewed By :Yogesh
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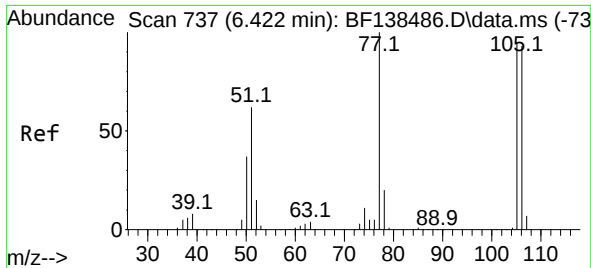
Supervised By :mohammad
ahmed
07/23/2024



#8
2-Chlorophenol
Concen: 49.671 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:128 Resp: 300999
Ion Ratio Lower Upper
128 100
130 32.4 12.1 52.1
64 55.3 34.4 74.4





#9
Benzaldehyde
Concen: 6.265 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS

Tgt Ion: 77 Resp: 2556
Ion Ratio Lower Upper
77 100
105 94.7 75.1 115.1
106 90.2 73.2 113.2

Manual Integrations
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Reviewed By :Yogesh

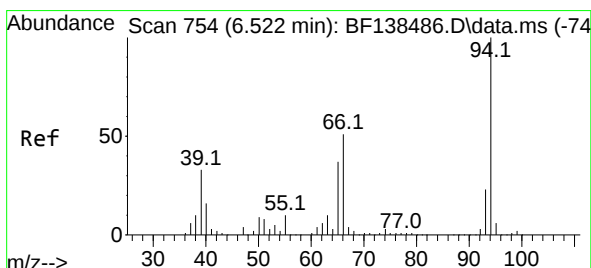
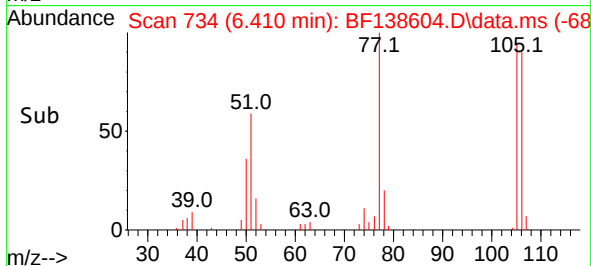
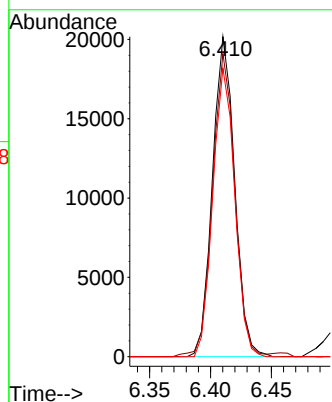
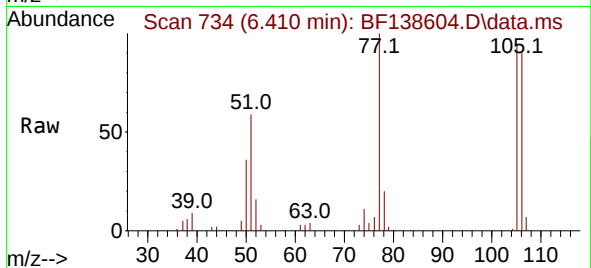
Patel

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Supervised By :mohammad

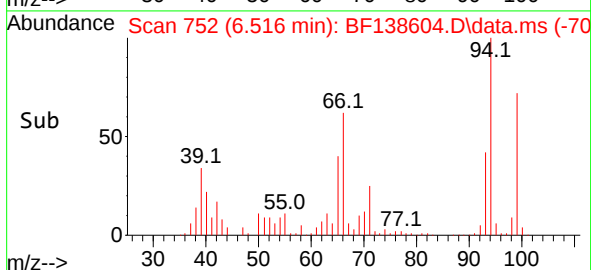
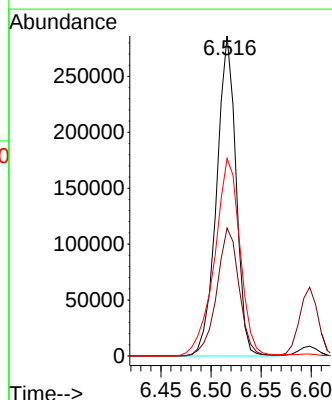
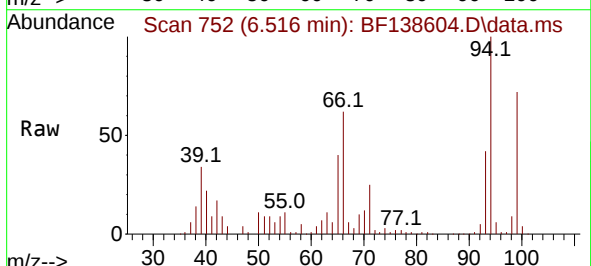
ahmed

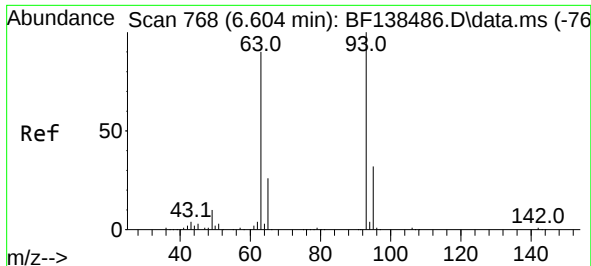
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#10
Phenol
Concen: 47.528 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion: 94 Resp: 384606
Ion Ratio Lower Upper
94 100
65 40.0 16.7 56.7
66 61.8 31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 48.981 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS

Tgt Ion: 93 Resp: 298420
Ion Ratio Lower Upper
93 100
63 88.9 68.8 108.8
95 33.0 11.8 51.8

Manual Integrations
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Reviewed By :Yogesh

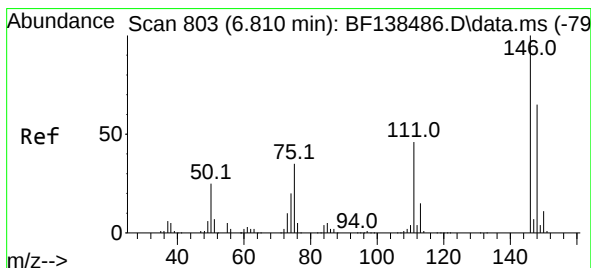
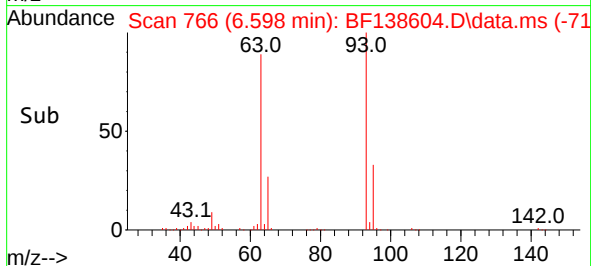
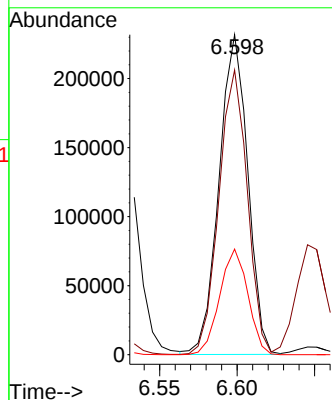
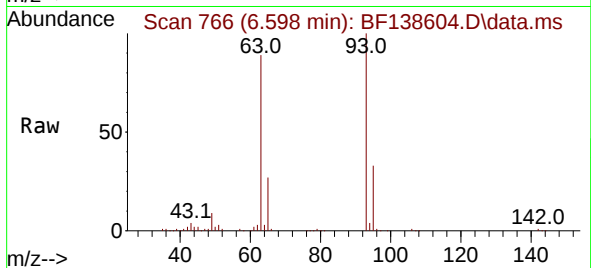
Patel

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Supervised By :mohammad

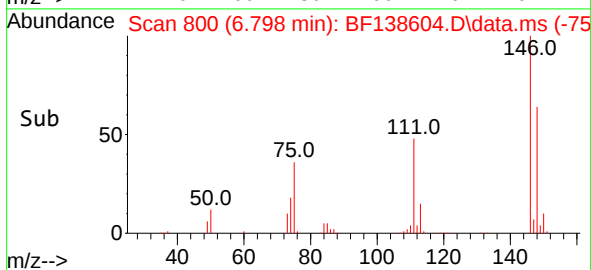
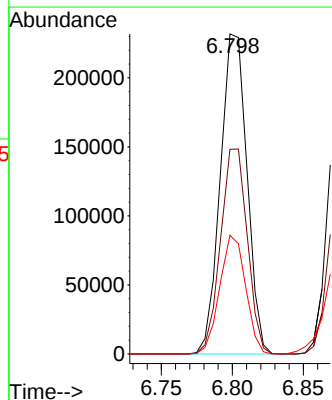
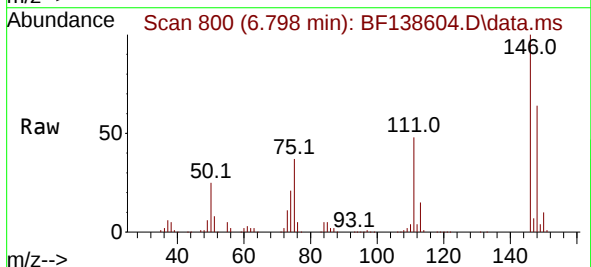
ahmed

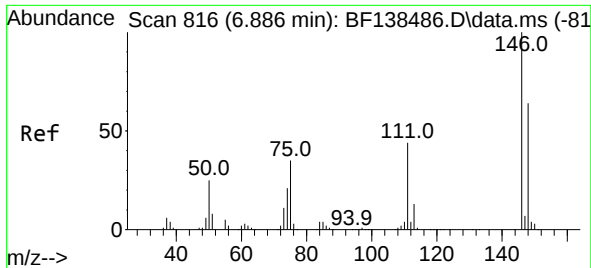
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#12
1,3-Dichlorobenzene
Concen: 44.495 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.012 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:146 Resp: 303081
Ion Ratio Lower Upper
146 100
148 64.0 52.4 78.6
75 37.1 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 44.898 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

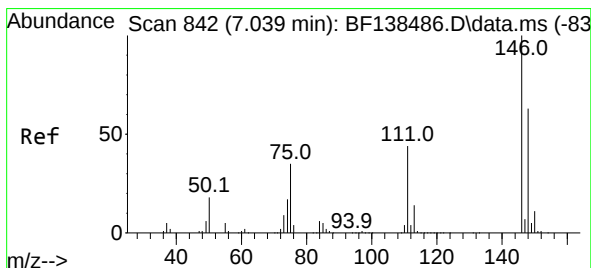
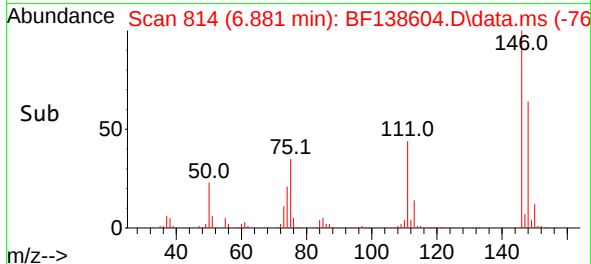
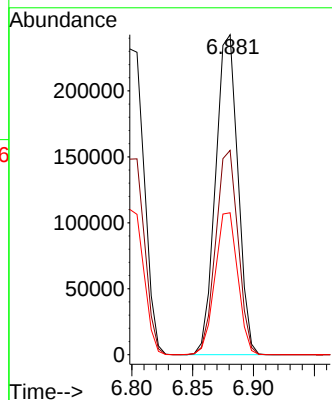
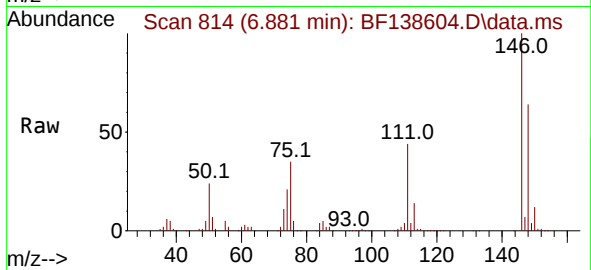
Instrument :
BNA_F
ClientSampleId :
PB162114BS

Tgt Ion:146 Resp: 310559
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
111 44.3 34.9 52.3

Manual Integrations
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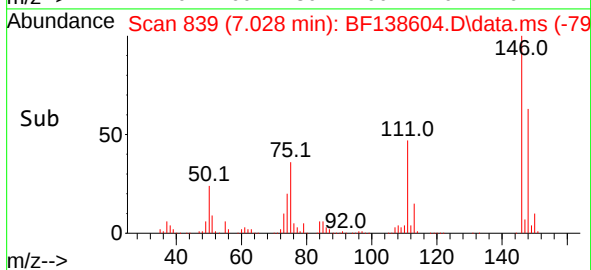
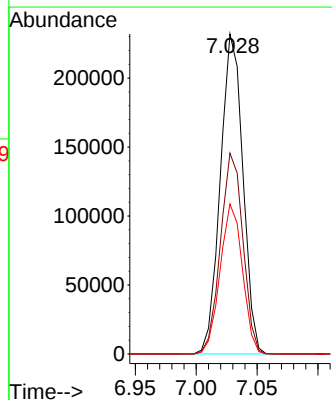
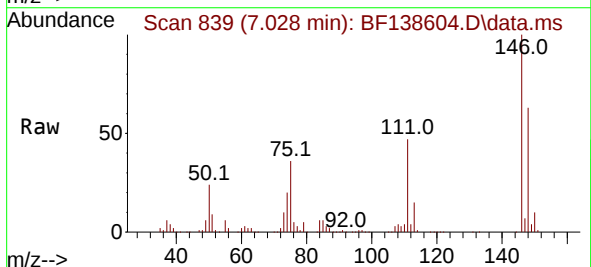
Reviewed By :Yogesh
Patel
07/23/2024

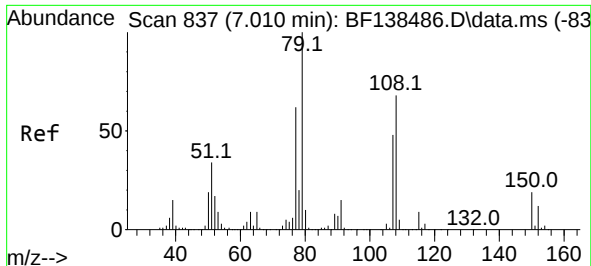
Supervised By :mohammad
ahmed
07/23/2024



#14
1,2-Dichlorobenzene
Concen: 46.328 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:146 Resp: 298458
Ion Ratio Lower Upper
146 100
148 62.7 50.1 75.1
111 46.9 35.5 53.3





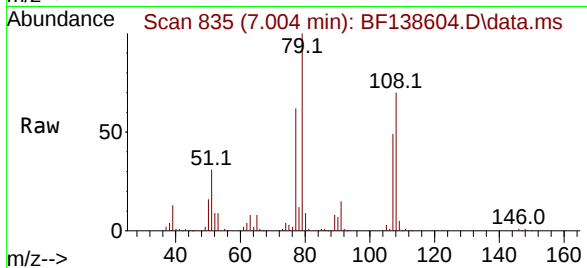
#15
Benzyl Alcohol
Concen: 48.661 ng
RT: 7.004 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion: 79 Resp: 27841
Ion Ratio Lower Upper
79 100
108 70.3 54.3 81.5
77 62.1 50.0 75.0

Manual Integrations
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Reviewed By :Yogesh

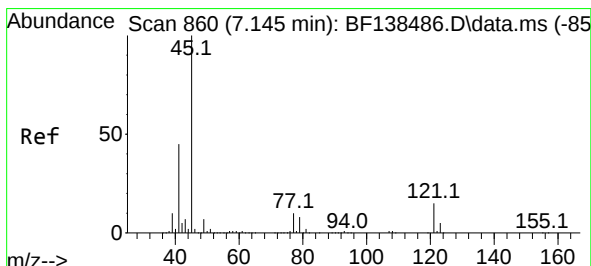
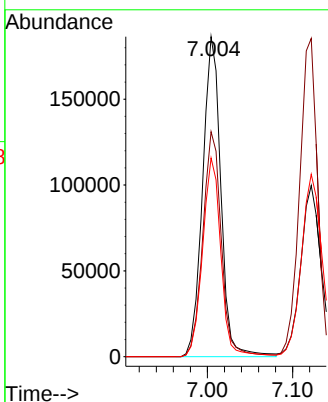
Patel

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Supervised By :mohammad

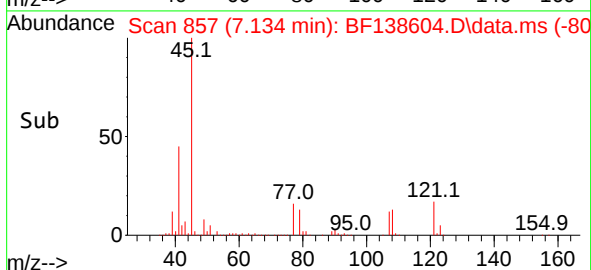
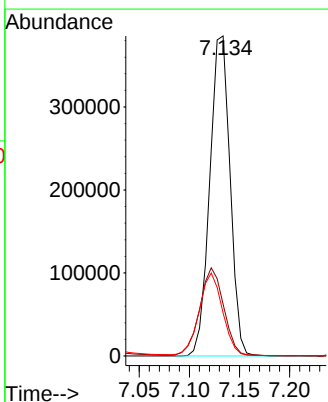
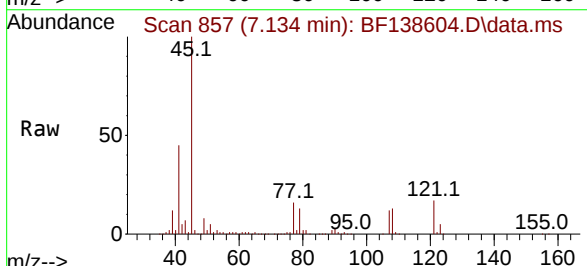
ahmed

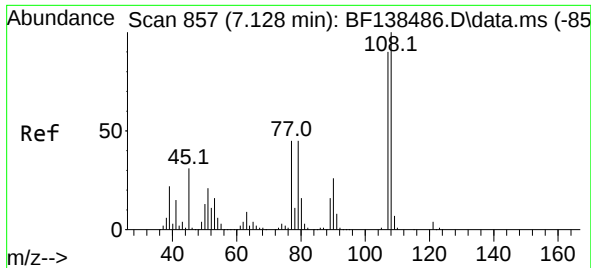
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.312 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion: 45 Resp: 542894
Ion Ratio Lower Upper
45 100
77 16.2 0.0 30.4
79 13.4 0.0 28.1





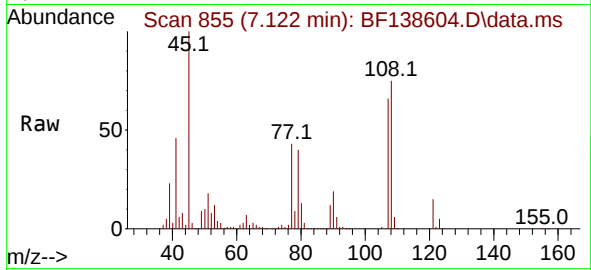
#17
2-Methylphenol
Concen: 48.219 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion:107 Resp: 239475
Ion Ratio Lower Upper
107 100
108 113.0 89.0 133.4
77 64.8 40.3 60.5
79 60.8 40.2 60.4

Manual Integrations

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Reviewed By :Yogesh

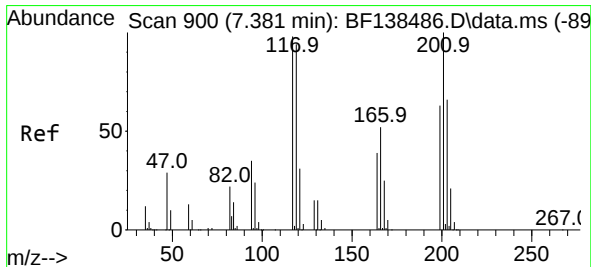
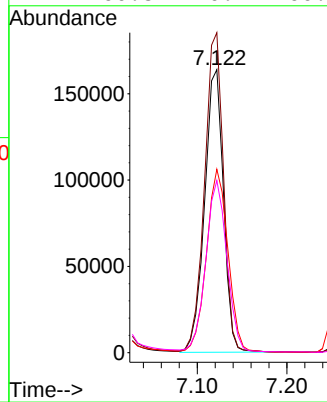
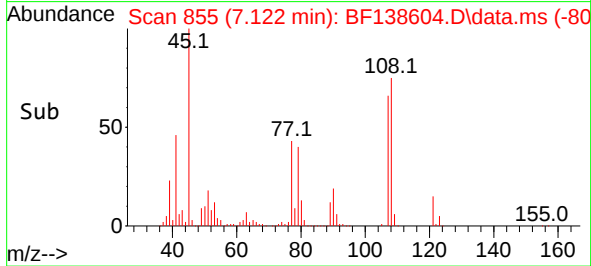
Patel

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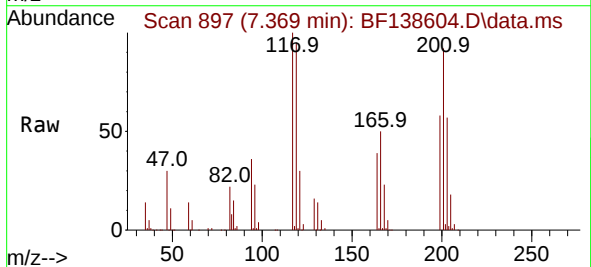
Supervised By :mohammad

ahmed

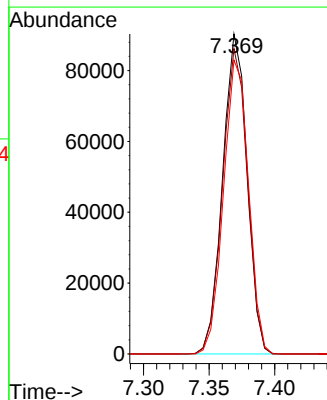
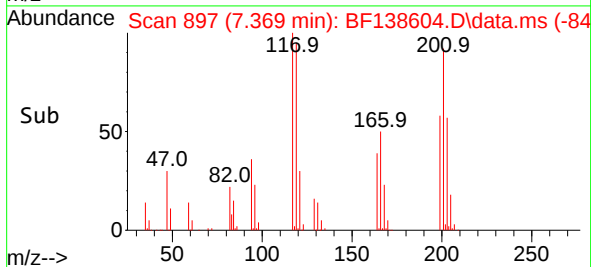
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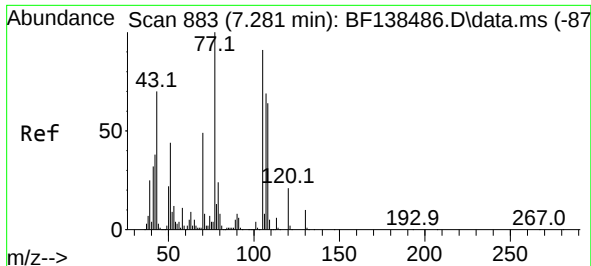


#18
Hexachloroethane
Concen: 46.223 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10



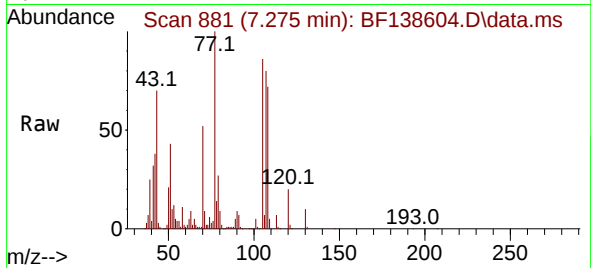
Tgt Ion:117 Resp: 117537
Ion Ratio Lower Upper
117 100
119 95.4 76.6 114.8
201 91.8 81.4 122.0





#19
n-Nitroso-di-n-propylamine
Concen: 48.190 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :
BNA_F
ClientSampleId :
PB162114BS

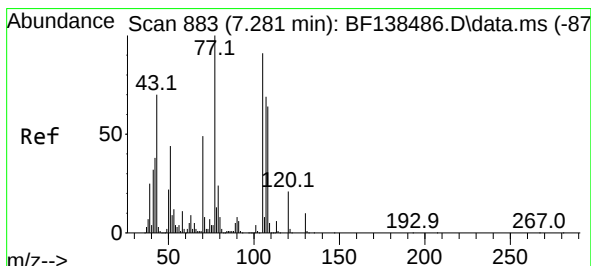
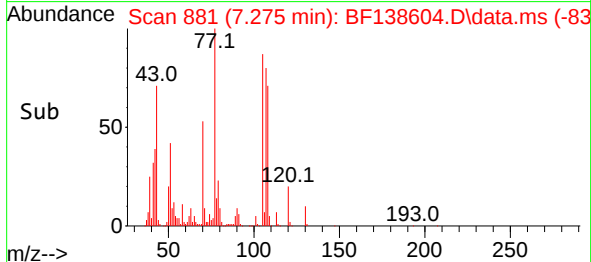
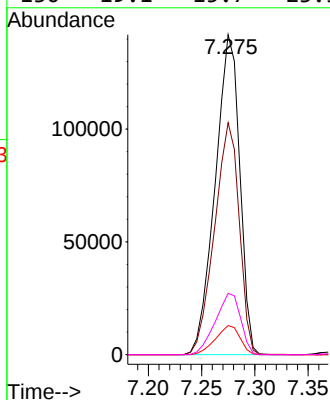


Tgt Ion: 70 Resp: 227010
Ion Ratio Lower Upper
70 100
42 72.5 62.4 93.6
101 9.1 7.2 10.8
130 19.1 15.7 23.5

Manual Integrations
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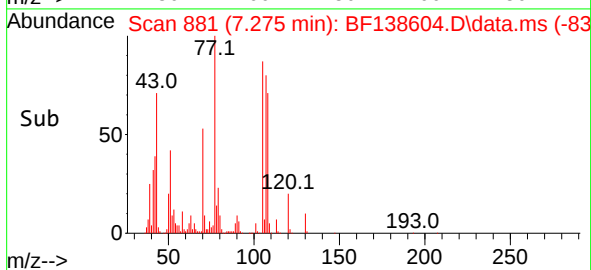
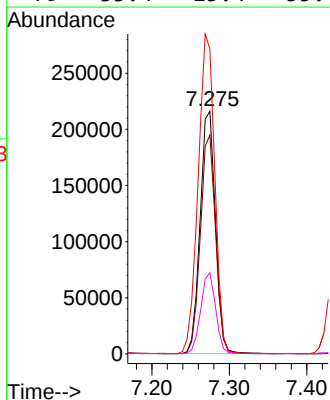
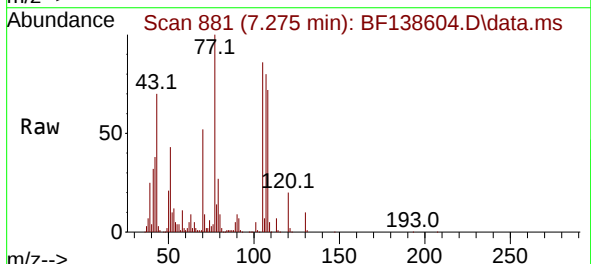
Reviewed By :Yogesh
Patel
07/23/2024

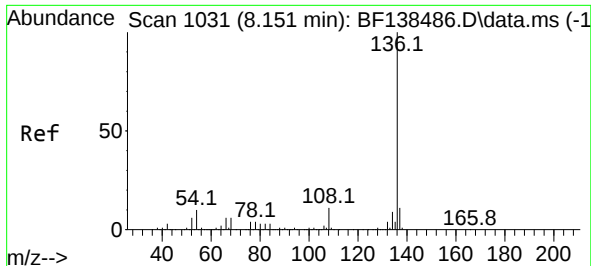
Supervised By :mohammad
ahmed
07/23/2024



#20
3+4-Methylphenols
Concen: 47.422 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:107 Resp: 296574
Ion Ratio Lower Upper
107 100
108 90.1 73.7 113.7
77 125.5 126.0 166.0#
79 33.4 15.4 55.4





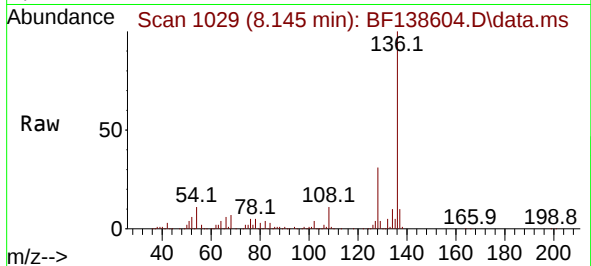
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion:136 Resp: 379409
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 10.8 8.1 12.1
68 6.6 4.7 7.1

Manual Integrations
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Reviewed By :Yogesh

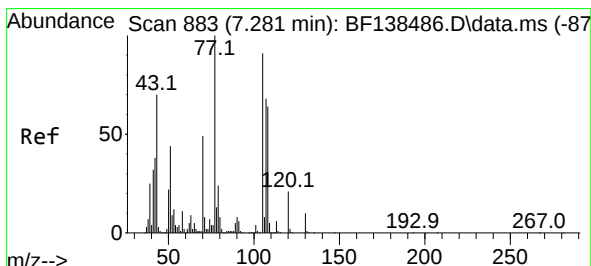
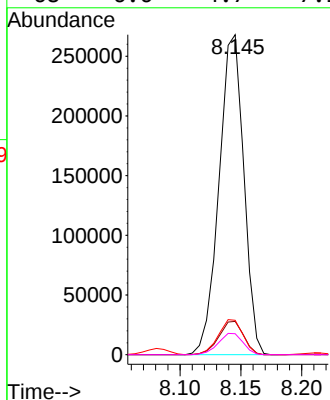
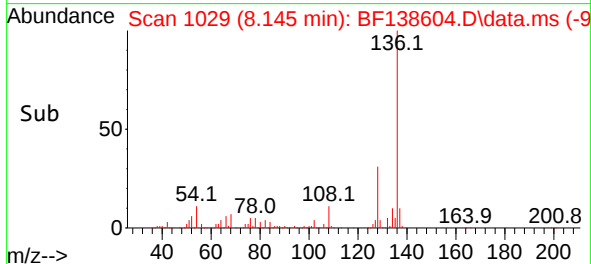
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Supervised By :mohammad

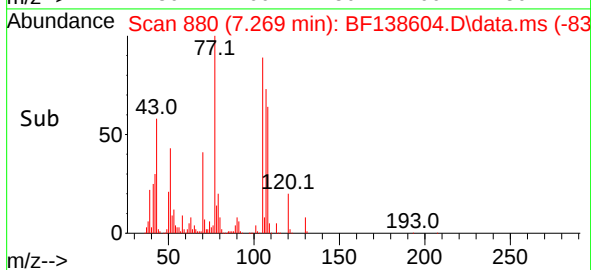
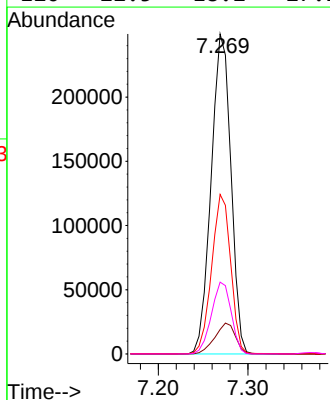
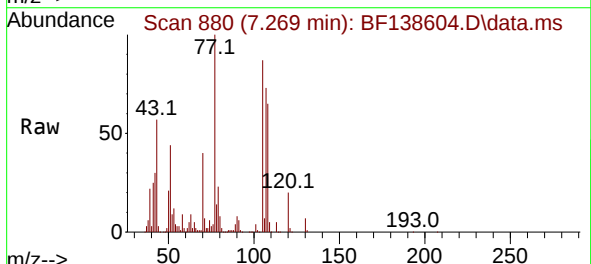
ahmed

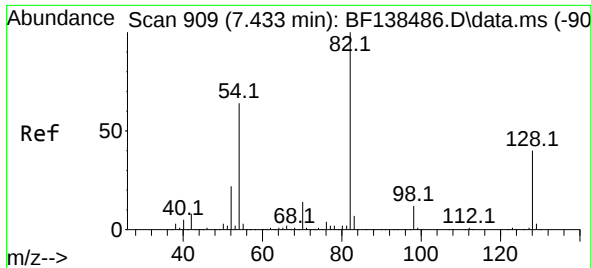
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#22
Acetophenone
Concen: 41.314 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:105 Resp: 380700
Ion Ratio Lower Upper
105 100
71 7.6 7.4 11.2
51 49.9 38.7 58.1
120 22.5 18.2 27.2





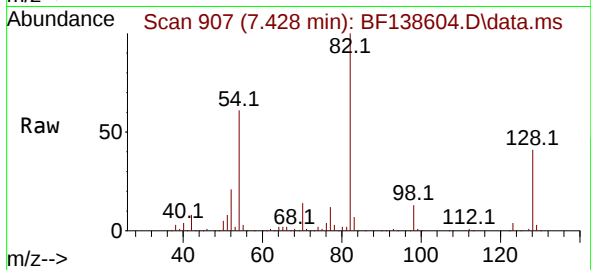
#23
Nitrobenzene-d5
Concen: 84.246 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion: 82 Resp: 651020
Ion Ratio Lower Upper
82 100
128 41.2 32.3 48.5
54 60.8 51.4 77.0

Manual Integrations
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Reviewed By :Yogesh

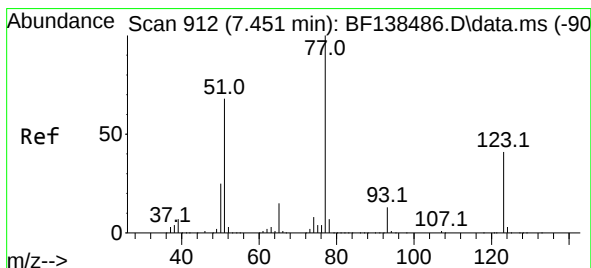
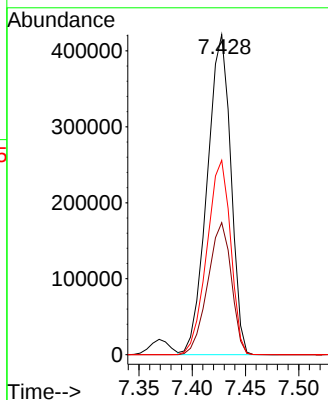
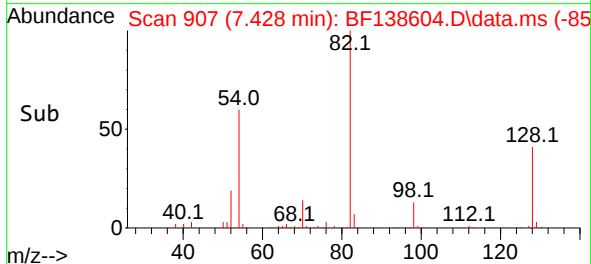
Patel

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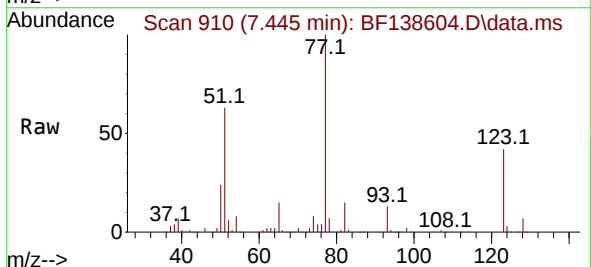
Supervised By :mohammad

ahmed

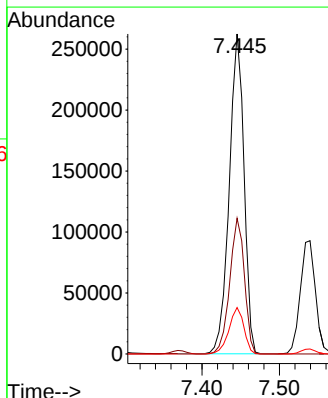
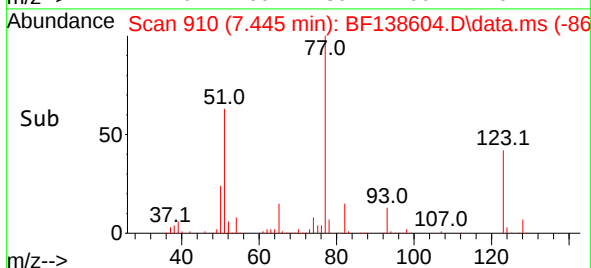
07/23/2024

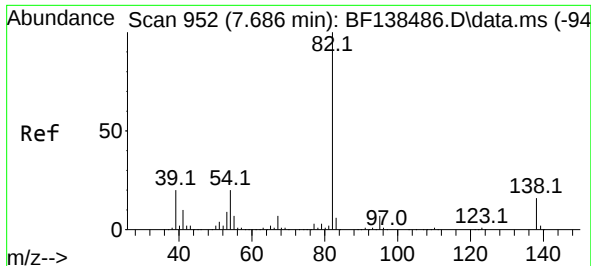


#24
Nitrobenzene
Concen: 44.344 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10



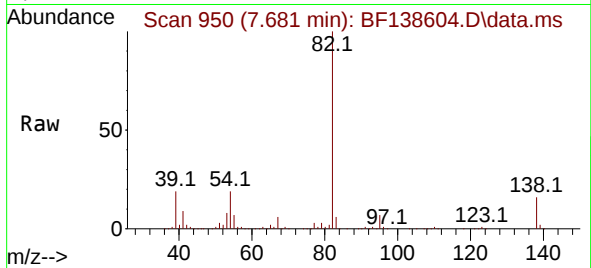
Tgt Ion: 77 Resp: 348230
Ion Ratio Lower Upper
77 100
123 42.4 32.4 48.6
65 14.5 11.8 17.8





#25
Isophorone
Concen: 46.724 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :
BNA_F
ClientSampleId :
PB162114BS

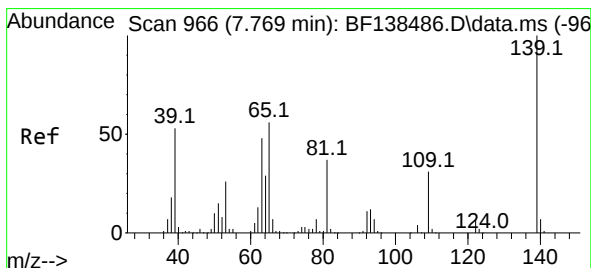
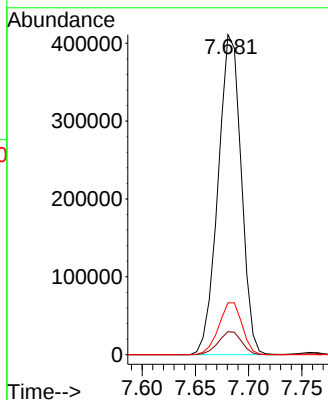
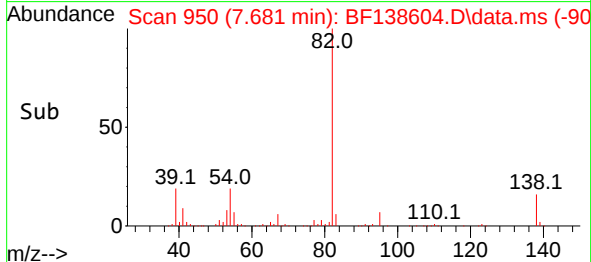


Tgt Ion: 82 Resp: 62006
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 16.2 12.8 19.2

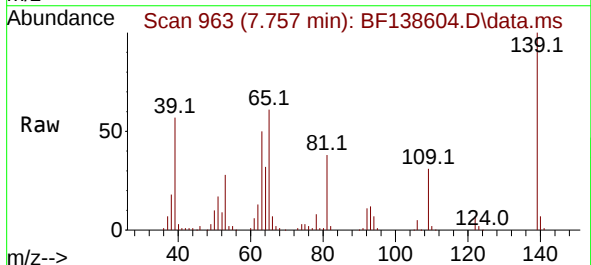
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
07/23/2024

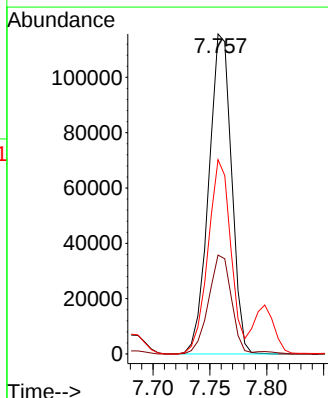
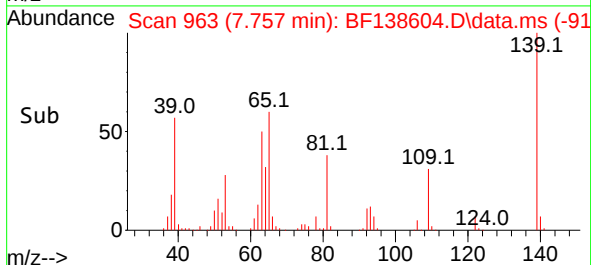
Supervised By :mohammad
ahmed
07/23/2024

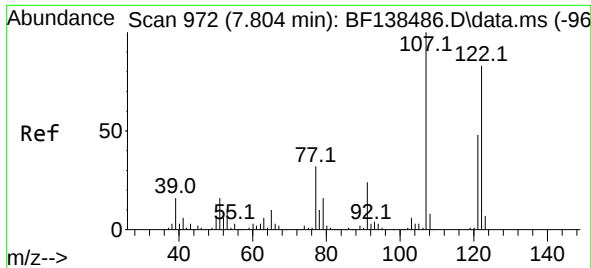


#26
2-Nitrophenol
Concen: 48.042 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10



Tgt Ion:139 Resp: 161699
Ion Ratio Lower Upper
139 100
109 30.9 24.8 37.2
65 60.7 45.1 67.7





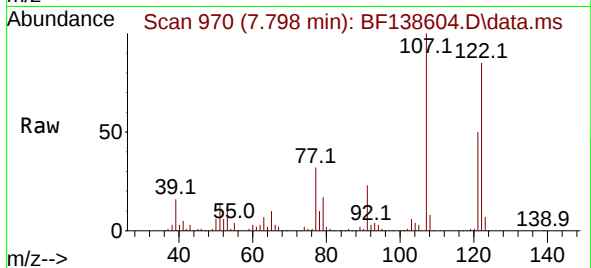
#27
2,4-Dimethylphenol
Concen: 50.464 ng m
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion:122 Resp: 20875
Ion Ratio Lower Upper
122 100
107 117.9 96.3 144.5
121 58.5 46.7 70.1

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Reviewed By :Yogesh

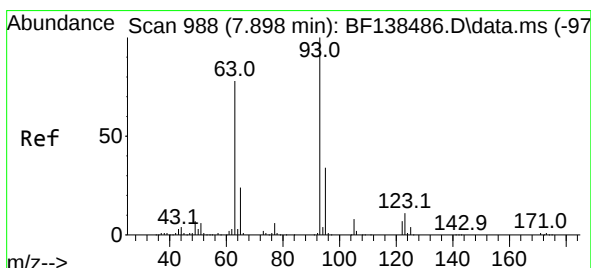
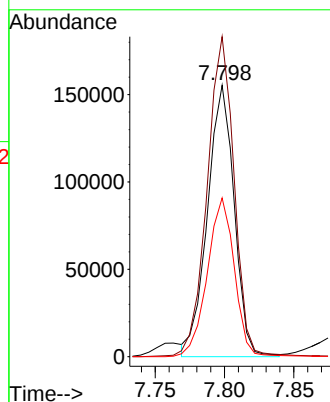
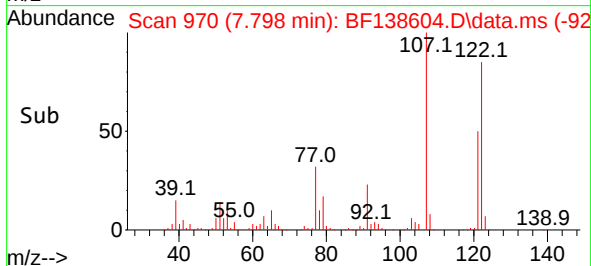
Patel

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Supervised By :mohammad

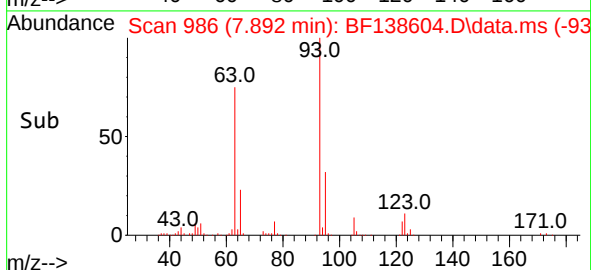
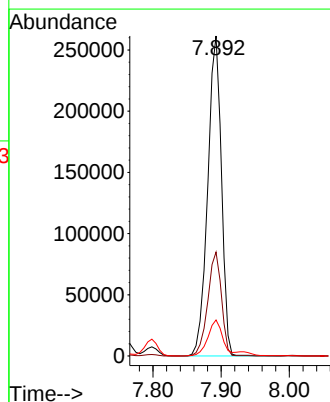
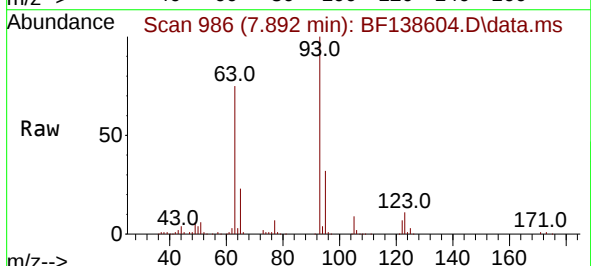
ahmed

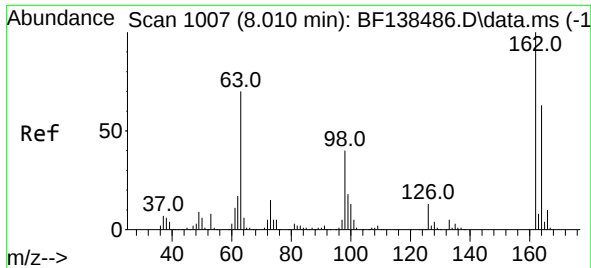
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#28
bis(2-Chloroethoxy)methane
Concen: 46.092 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion: 93 Resp: 365558
Ion Ratio Lower Upper
93 100
95 32.5 27.0 40.6
123 11.3 9.1 13.7





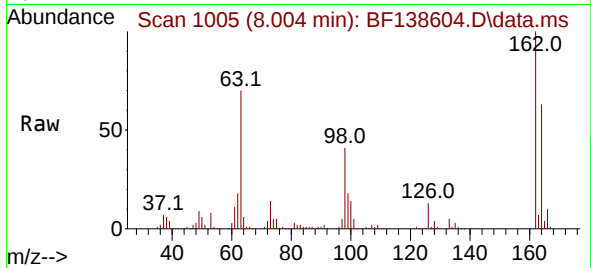
#29
2,4-Dichlorophenol
Concen: 44.973 ng
RT: 8.004 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion:162 Resp: 24159
Ion Ratio Lower Upper
162 100
164 62.8 42.6 82.6
98 41.4 20.1 60.1

Manual Integrations
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Reviewed By :Yogesh

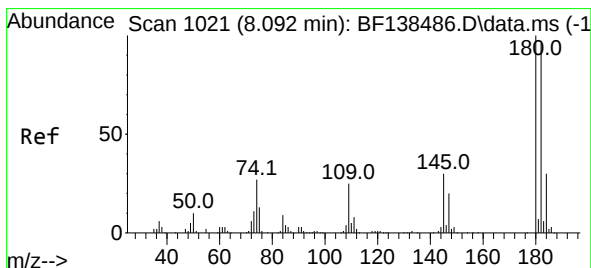
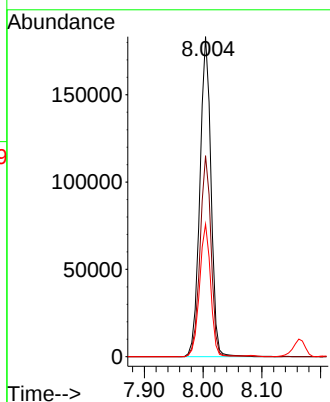
Patel

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Supervised By :mohammad

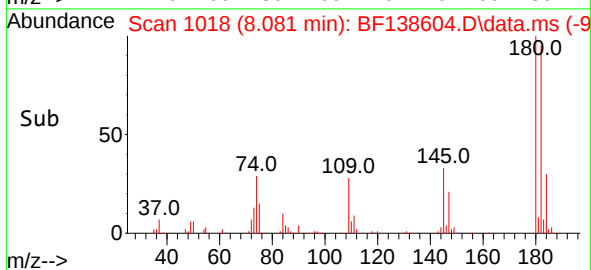
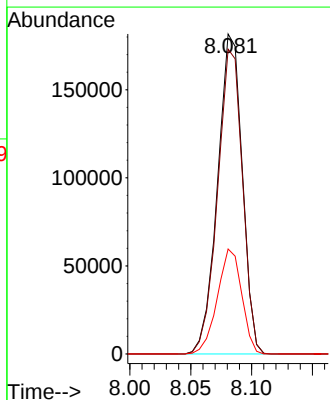
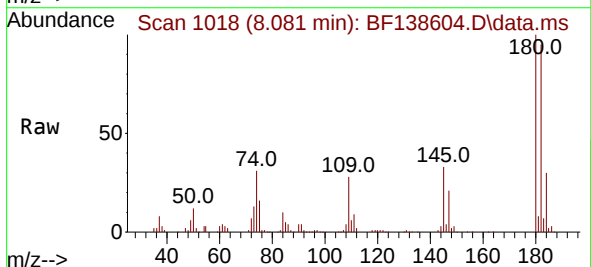
ahmed

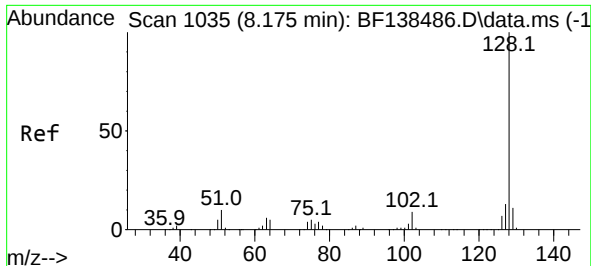
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#30
1,2,4-Trichlorobenzene
Concen: 40.999 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:180 Resp: 256568
Ion Ratio Lower Upper
180 100
182 95.2 76.9 115.3
145 32.8 23.9 35.9





#31
Naphthalene
Concen: 44.237 ng
RT: 8.163 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS

Tgt Ion:128 Resp: 872900
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.6 10.7 16.1

Manual Integrations
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Reviewed By :Yogesh

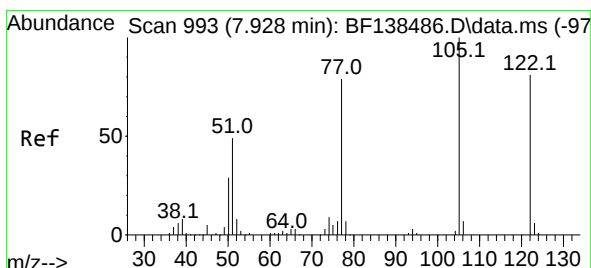
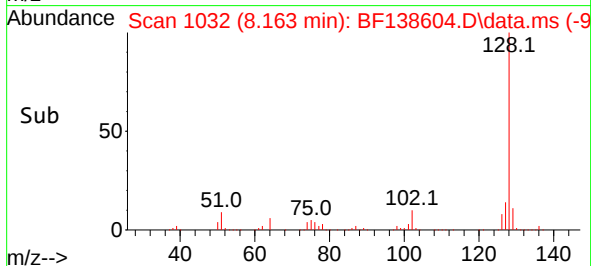
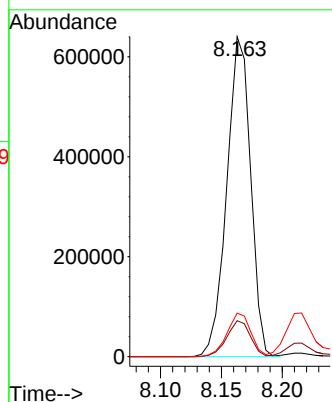
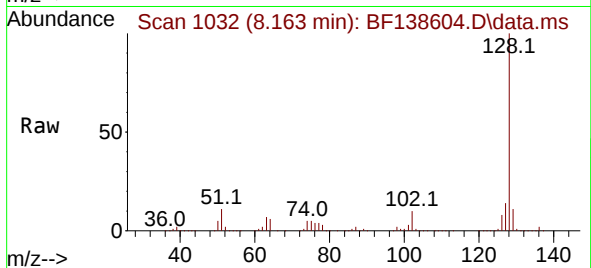
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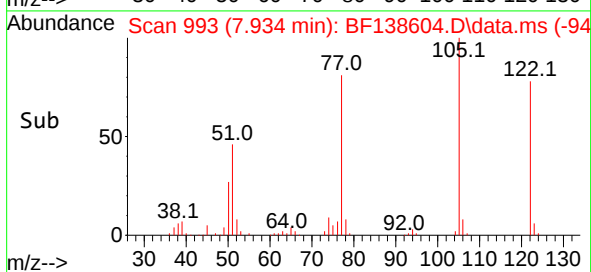
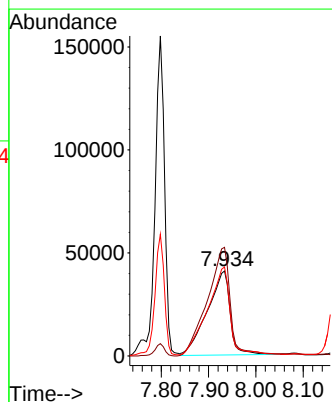
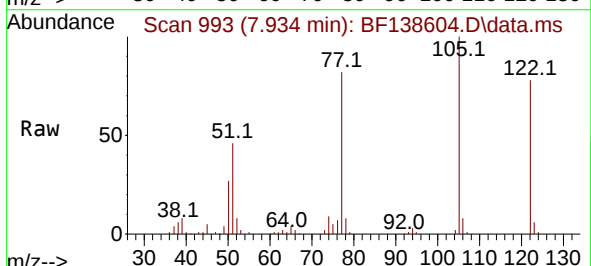
ahmed

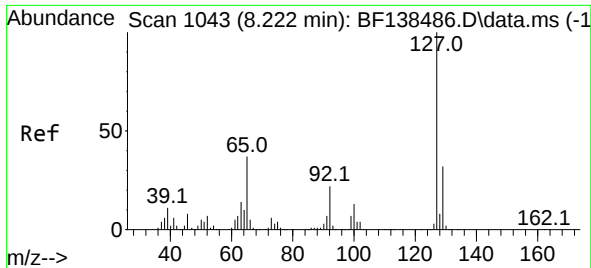
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#32
Benzoic acid
Concen: 34.506 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:122 Resp: 136142
Ion Ratio Lower Upper
122 100
105 127.8 101.5 141.5
77 104.8 77.3 117.3





#33
4-Chloroaniline
Concen: 22.378 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS

Tgt Ion:127 Resp: 154930
Ion Ratio Lower Upper
127 100
129 31.2 25.6 38.4
65 34.4 29.6 44.4
92 20.6 17.4 26.0

Manual Integrations
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Reviewed By :Yogesh

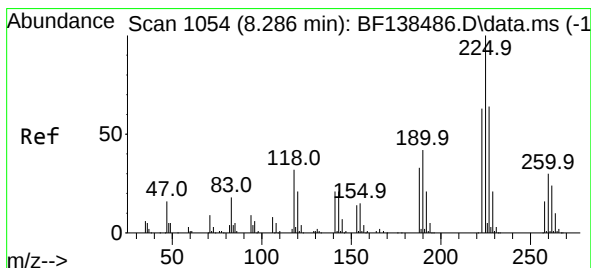
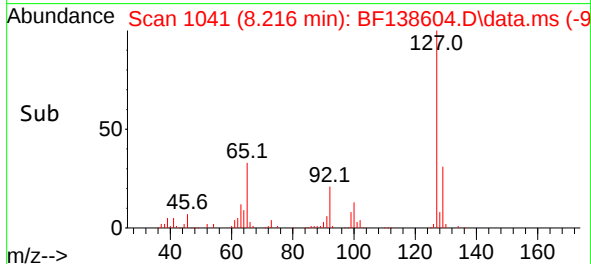
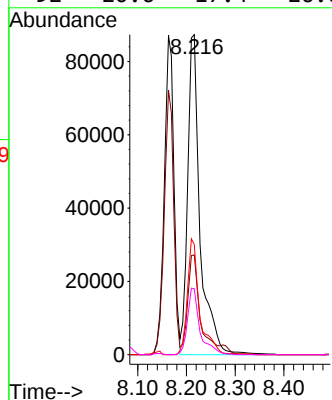
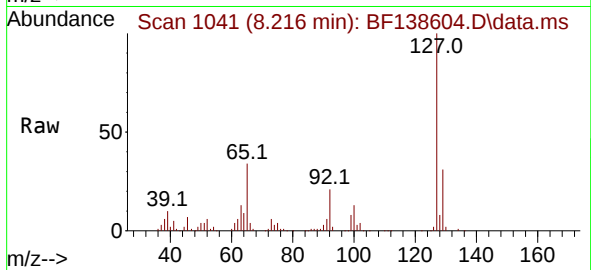
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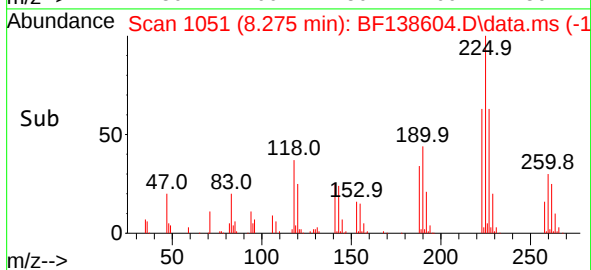
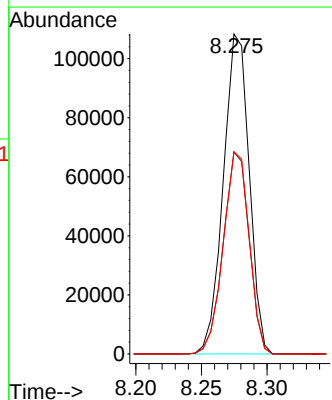
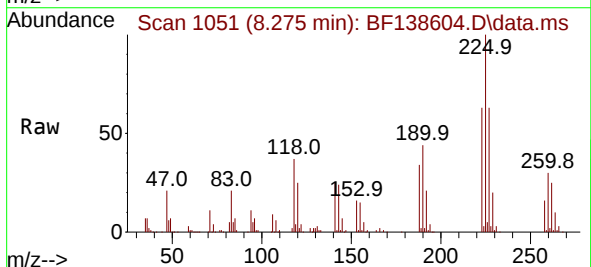
ahmed

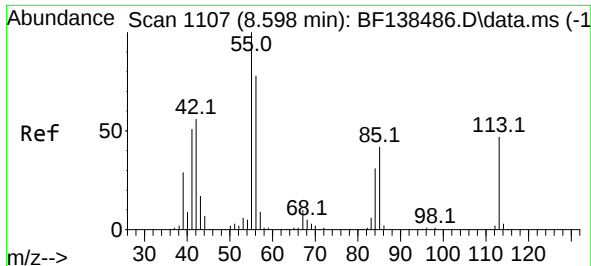
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#34
Hexachlorobutadiene
Concen: 38.542 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.012 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

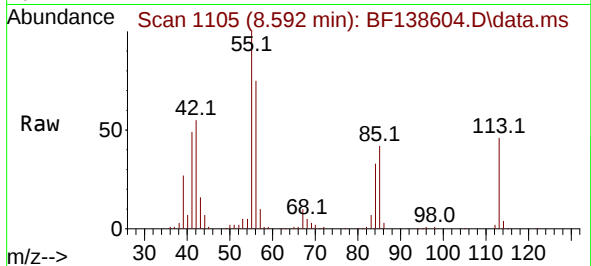
Tgt Ion:225 Resp: 148524
Ion Ratio Lower Upper
225 100
223 63.1 50.0 75.0
227 63.2 51.0 76.6





#35
Caprolactam
Concen: 43.072 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :
BNA_F
ClientSampleId :
PB162114BS

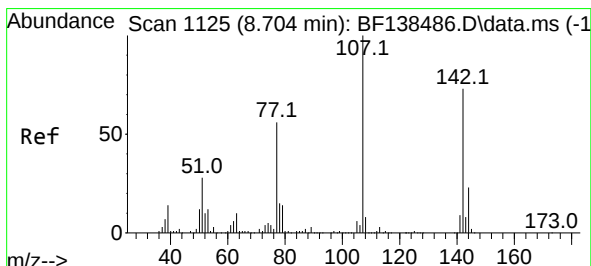
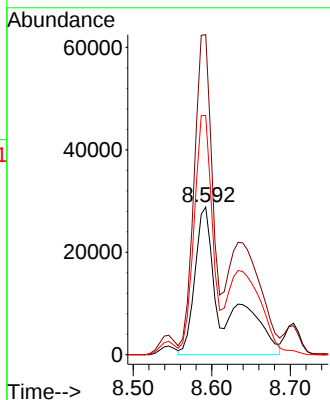
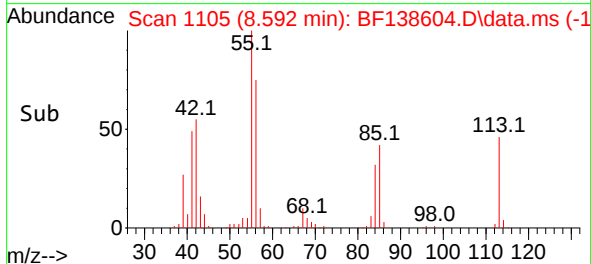


Tgt Ion:113 Resp: 7466
Ion Ratio Lower Upper
113 100
55 216.9 192.5 232.5
56 162.1 145.3 185.3

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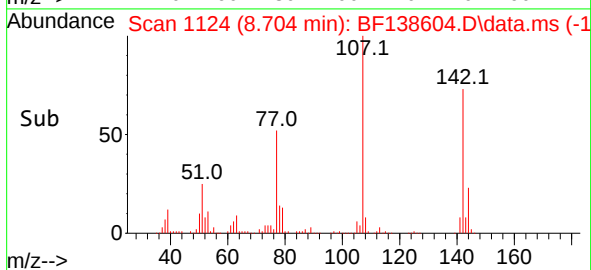
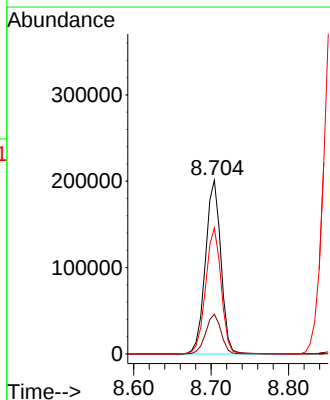
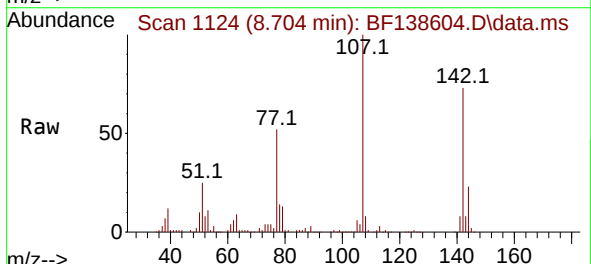
Reviewed By :Yogesh
Patel
07/23/2024

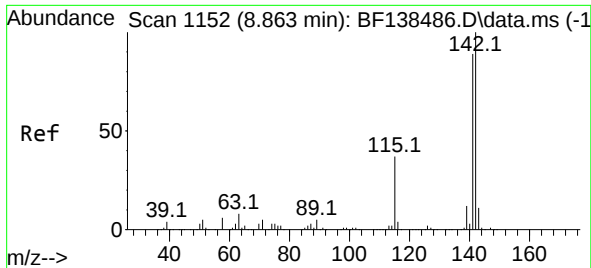
Supervised By :mohammad
ahmed
07/23/2024



#36
4-Chloro-3-methylphenol
Concen: 46.397 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:107 Resp: 279036
Ion Ratio Lower Upper
107 100
144 22.9 18.6 27.8
142 72.6 58.6 88.0





#37
2-Methylnaphthalene
Concen: 43.526 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

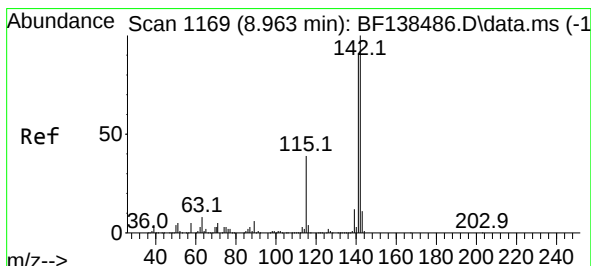
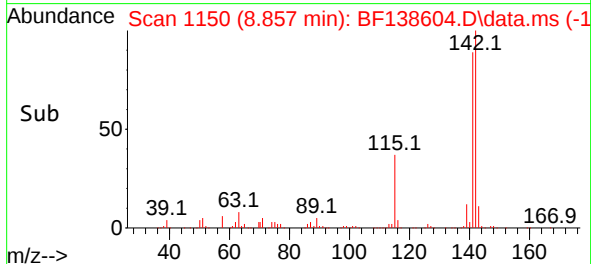
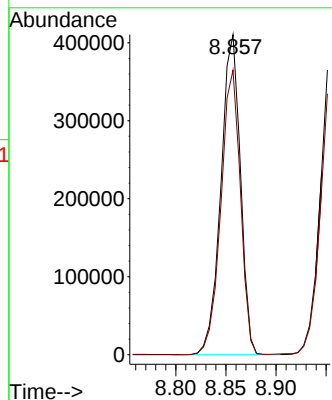
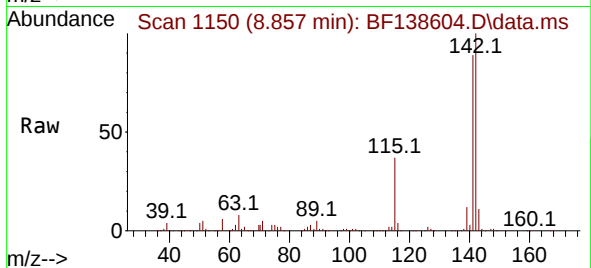
PB162114BS

Tgt Ion:142 Resp: 55270
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0

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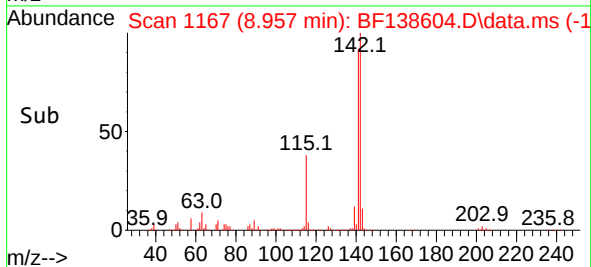
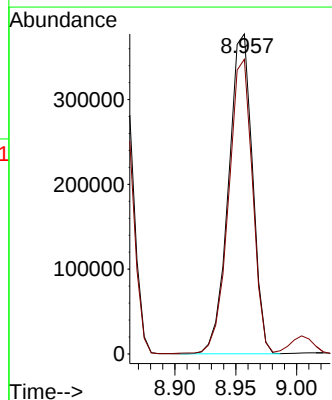
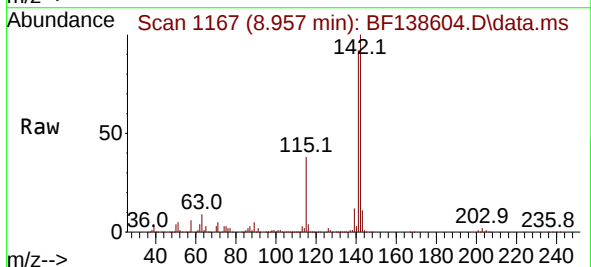
Reviewed By :Yogesh
Patel
07/23/2024

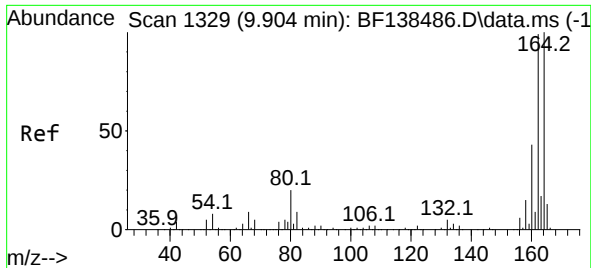
Supervised By :mohammad
ahmed
07/23/2024



#38
1-Methylnaphthalene
Concen: 41.760 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:142 Resp: 517528
Ion Ratio Lower Upper
142 100
141 92.1 72.6 108.8





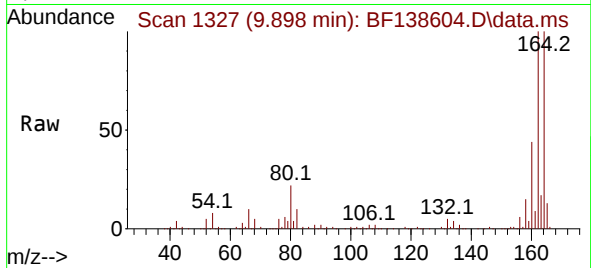
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion:164 Resp: 207012
Ion Ratio Lower Upper
164 100
162 99.9 79.0 118.6
160 44.0 34.4 51.6

Manual Integrations
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Reviewed By :Yogesh

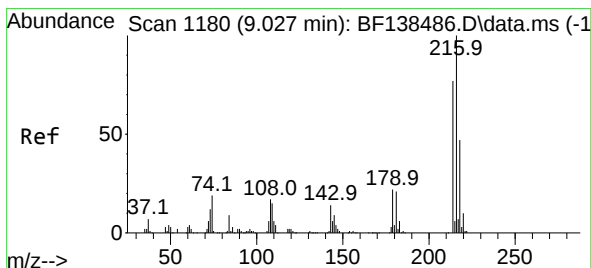
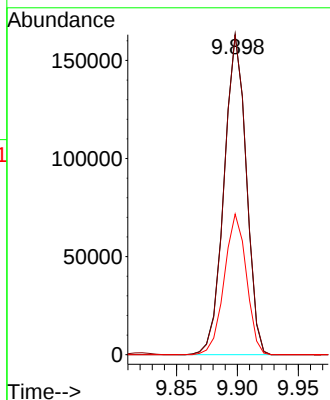
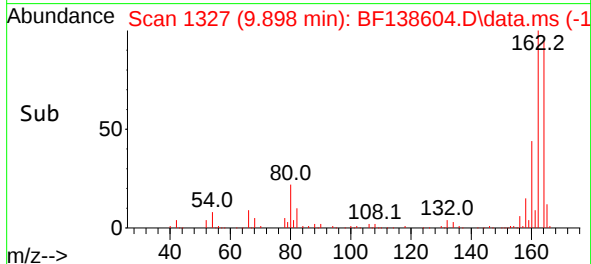
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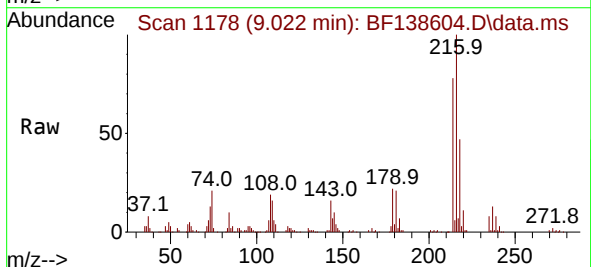
Supervised By :mohammad

ahmed

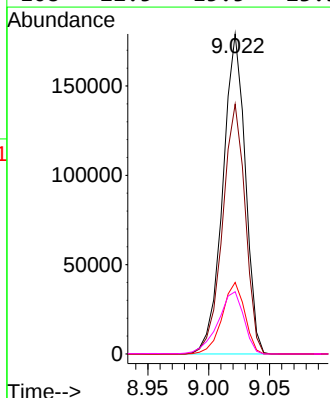
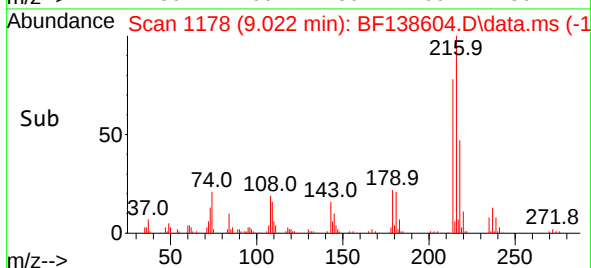
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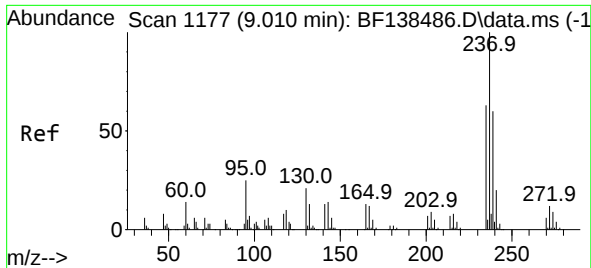


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.927 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10



Tgt Ion:216 Resp: 230358
Ion Ratio Lower Upper
216 100
214 78.6 62.8 94.2
179 22.5 17.7 26.5
108 22.5 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 112.852 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS

Tgt Ion:237 Resp: 21133
Ion Ratio Lower Upper
237 100
235 63.2 43.3 83.3
272 12.9 0.0 32.3

Manual Integrations
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Reviewed By :Yogesh

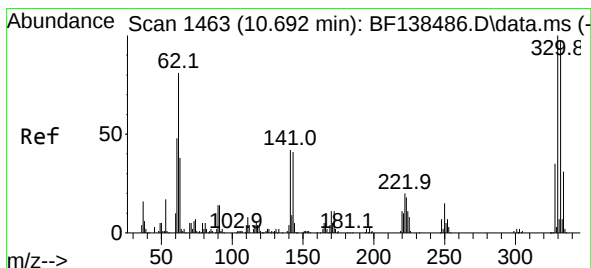
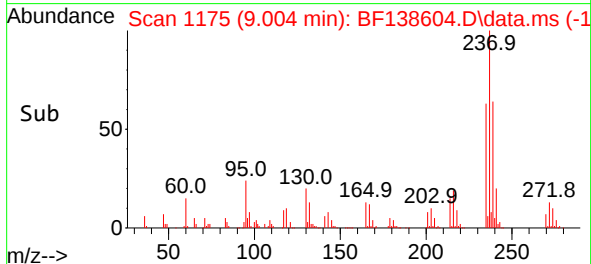
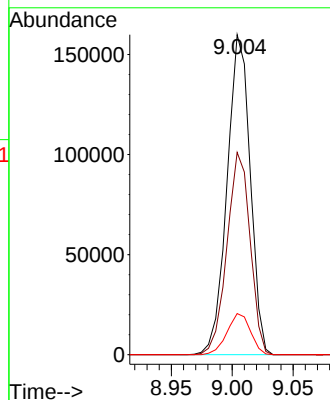
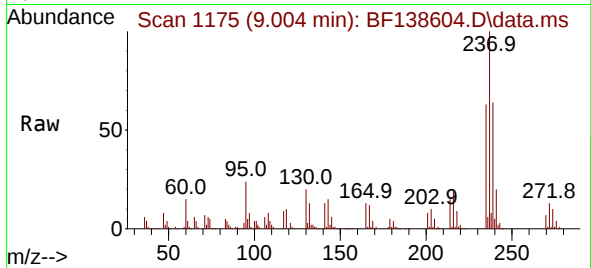
Patel

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Supervised By :mohammad

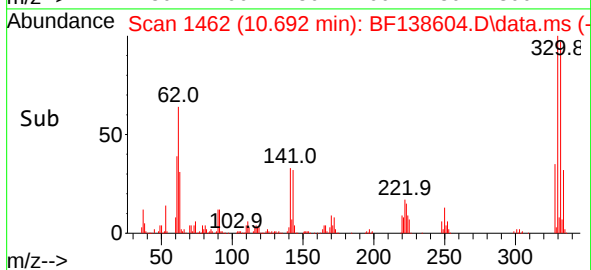
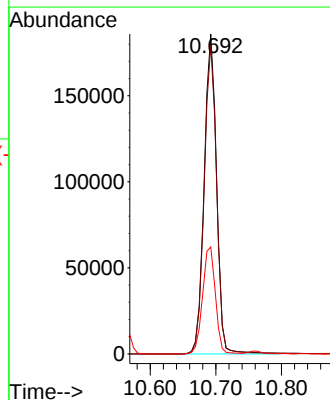
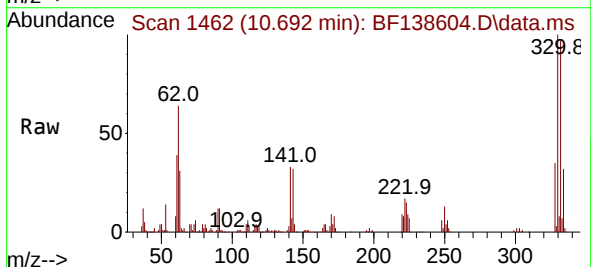
ahmed

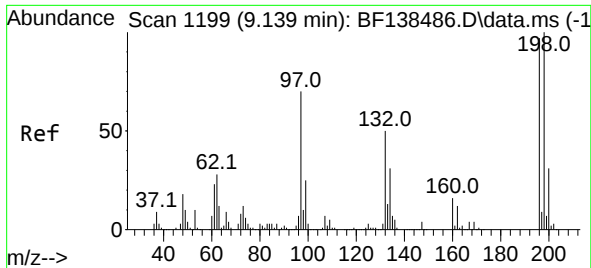
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#42
2,4,6-Tribromophenol
Concen: 127.110 ng
RT: 10.692 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:330 Resp: 245924
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 34.5 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 43.664 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS

Tgt Ion:196 Resp: 160690
Ion Ratio Lower Upper
196 100
198 100.2 82.3 123.5
200 31.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh

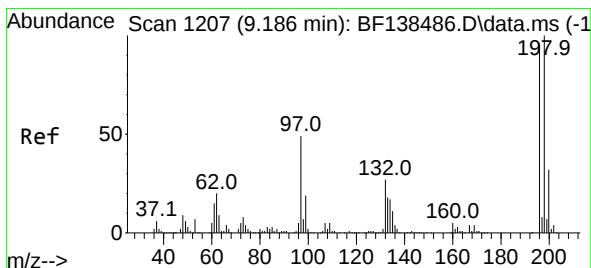
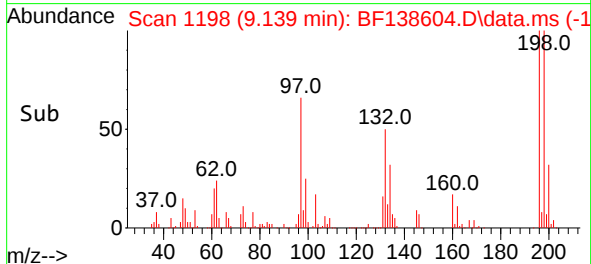
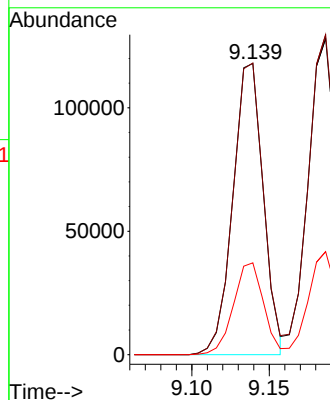
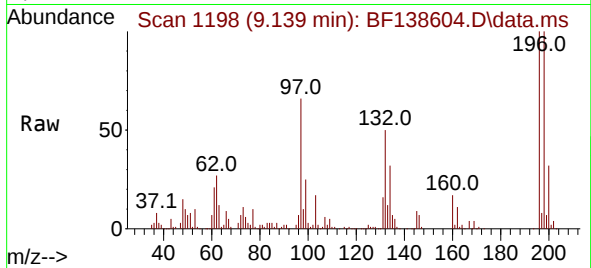
Patel

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Supervised By :mohammad

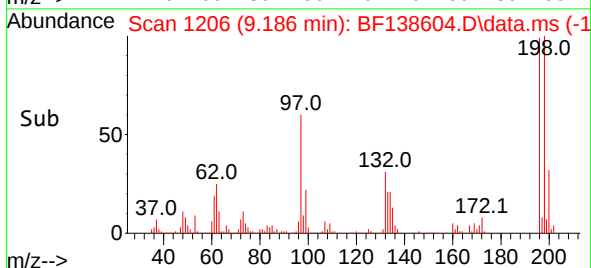
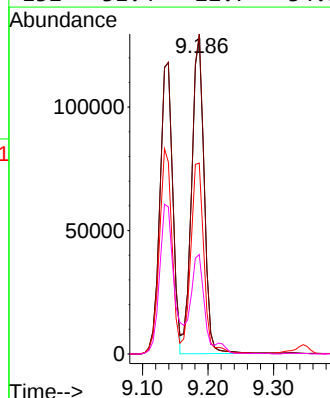
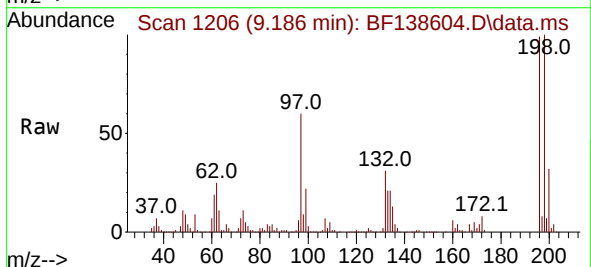
ahmed

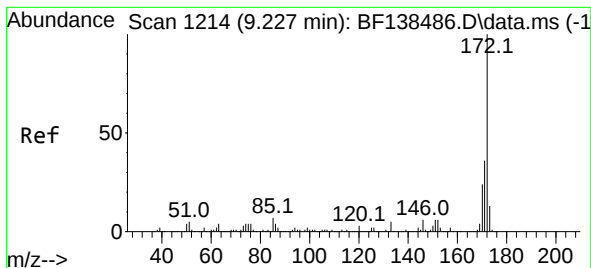
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#44
2,4,5-Trichlorophenol
Concen: 42.009 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:196 Resp: 170048
Ion Ratio Lower Upper
196 100
198 101.2 82.8 124.2
97 60.4 41.0 61.4
132 31.4 22.7 34.1





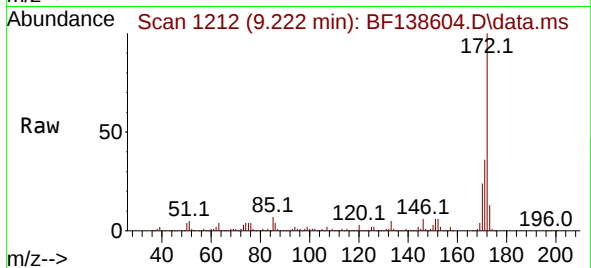
#45
2-Fluorobiphenyl
Concen: 80.914 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampled :

PB162114BS



Tgt Ion:172 Resp: 107173
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.5 18.9 28.3

Manual Integrations
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Reviewed By :Yogesh

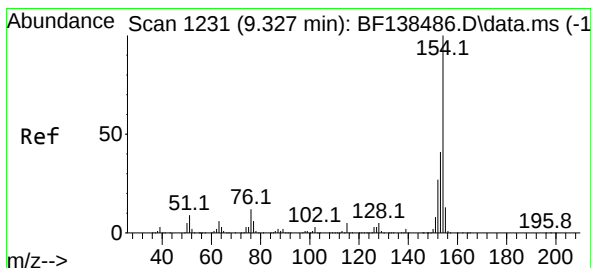
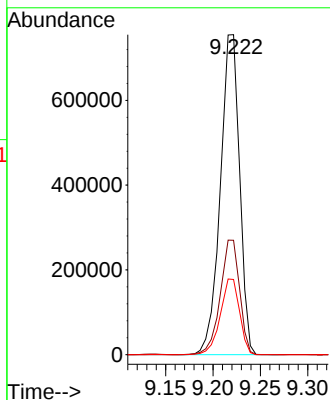
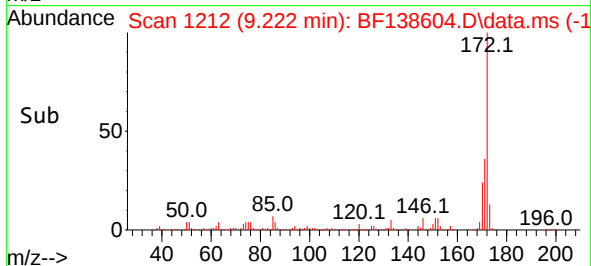
Patel

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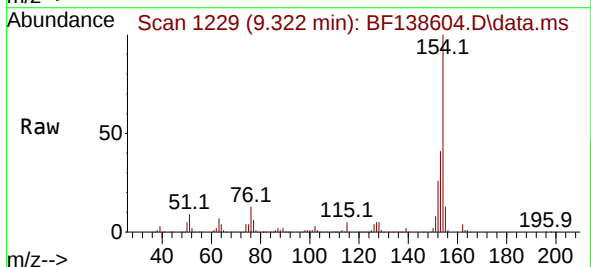
Supervised By :mohammad

ahmed

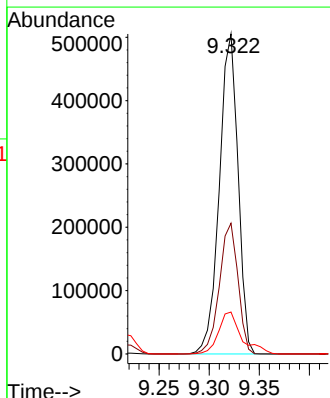
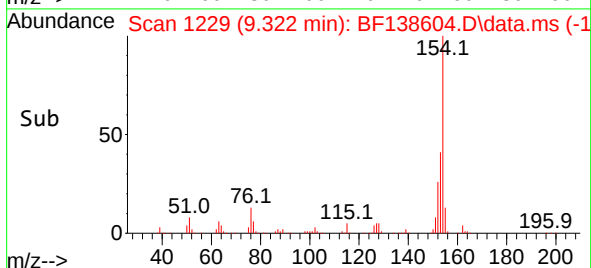
07/23/2024

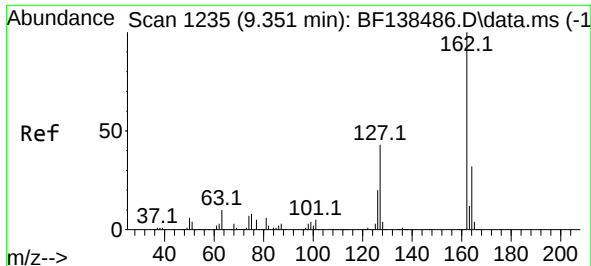


#46
1,1'-Biphenyl
Concen: 41.657 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10



Tgt Ion:154 Resp: 653525
Ion Ratio Lower Upper
154 100
153 40.8 20.7 60.7
76 13.1 0.0 32.2





#47

2-Chloronaphthalene

Concen: 43.999 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138604.D

Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS

Tgt Ion:162 Resp: 521474

Ion Ratio Lower Upper

162 100

127 44.1 34.8 52.2

164 32.7 25.6 38.4

Manual Integrations

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Reviewed By :Yogesh

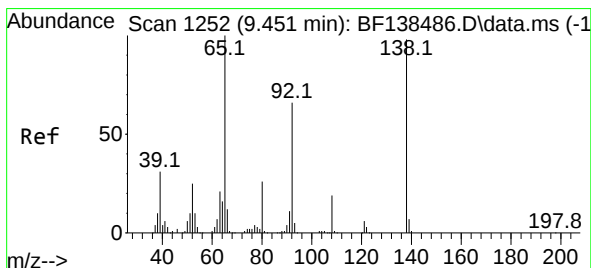
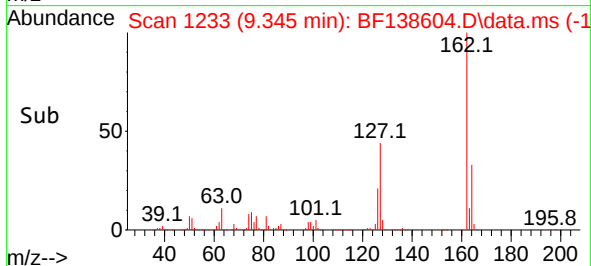
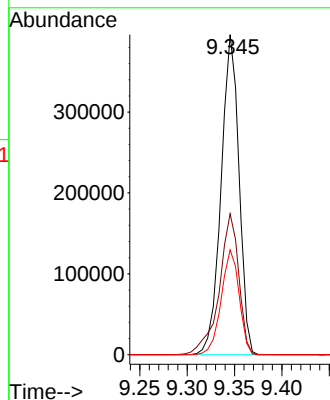
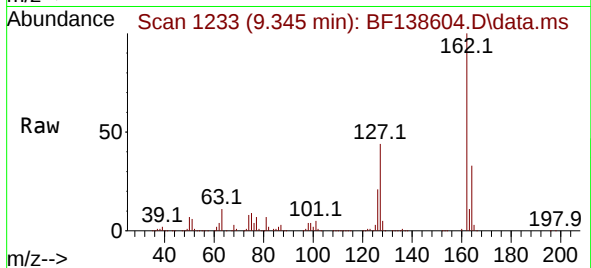
Patel

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Supervised By :mohammad

ahmed

07/23/2024



#48

2-Nitroaniline

Concen: 48.305 ng

RT: 9.445 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BF138604.D

Acq: 22 Jul 2024 13:10

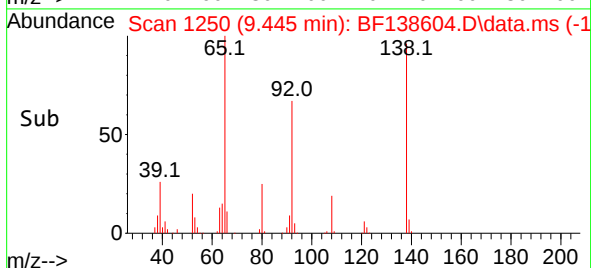
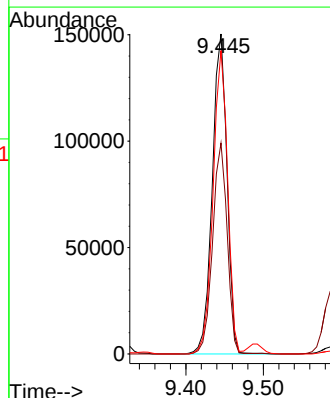
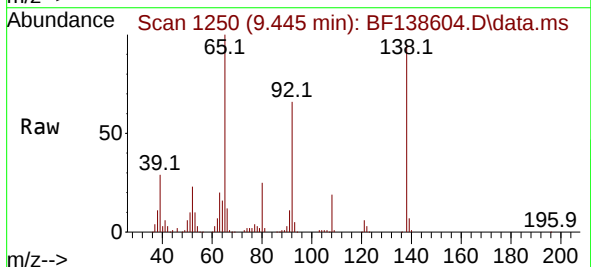
Tgt Ion: 65 Resp: 198388

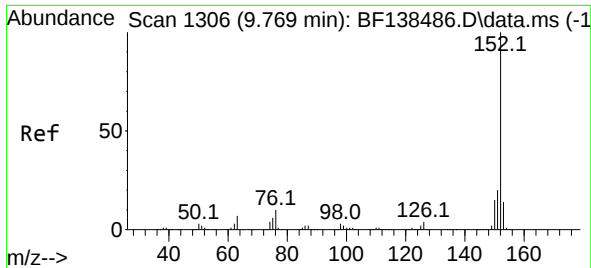
Ion Ratio Lower Upper

65 100

92 65.9 52.6 78.8

138 94.8 78.6 118.0





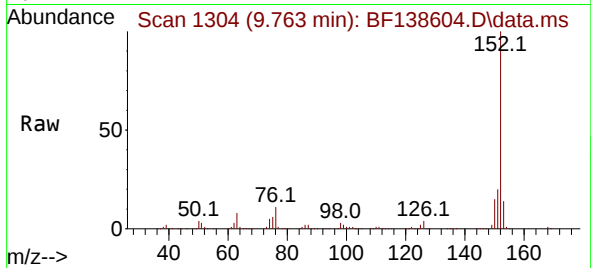
#49
Acenaphthylene
Concen: 49.041 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion:152 Resp: 825200
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.0 11.3 16.9

Manual Integrations

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Reviewed By :Yogesh

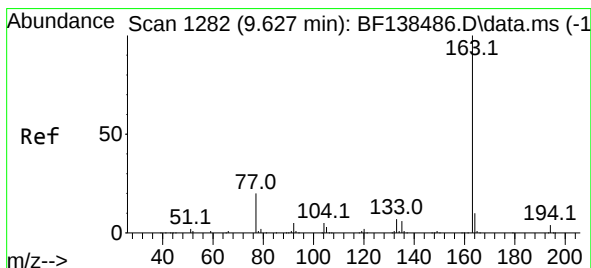
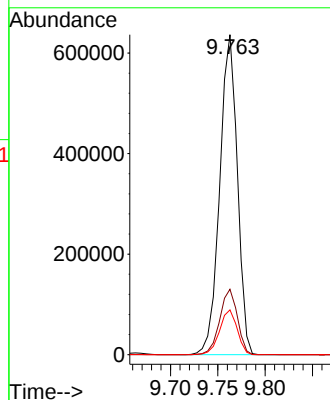
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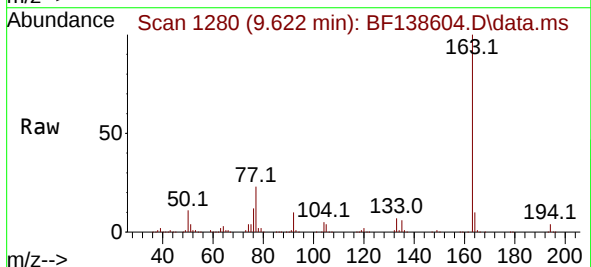
Supervised By :mohammad

ahmed

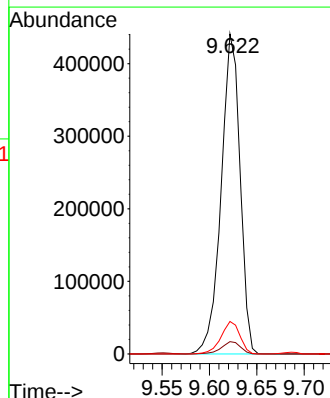
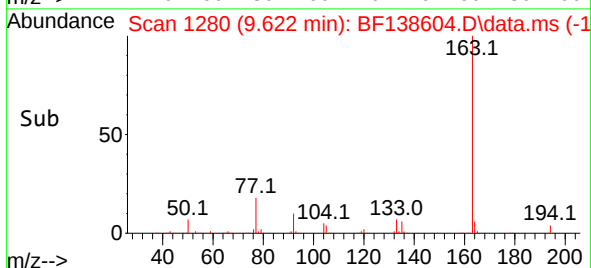
07/23/2024

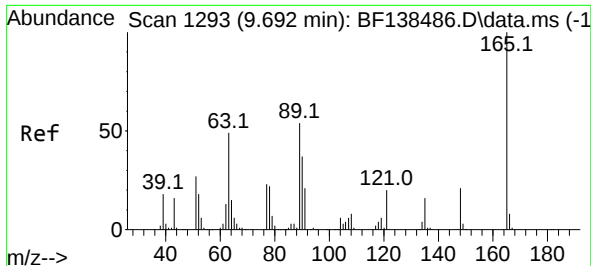


#50
Dimethylphthalate
Concen: 45.791 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10



Tgt Ion:163 Resp: 612947
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.1 12.1





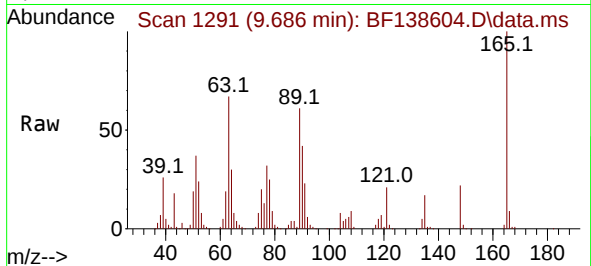
#51
2,6-Dinitrotoluene
Concen: 44.482 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS

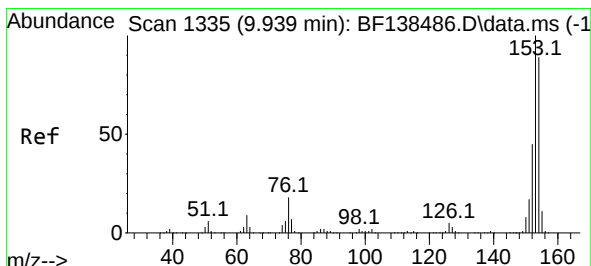
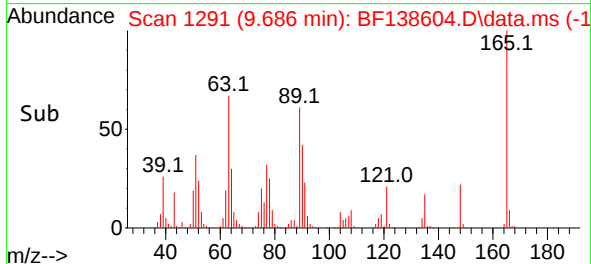
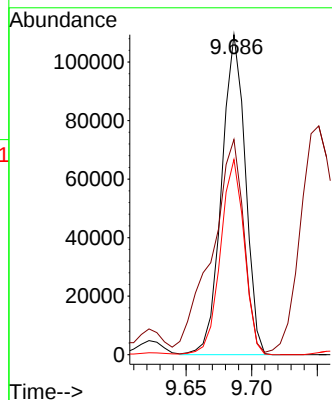


Tgt Ion:165 Resp: 137090
Ion Ratio Lower Upper
165 100
63 67.2 48.1 72.1
89 61.0 43.0 64.6

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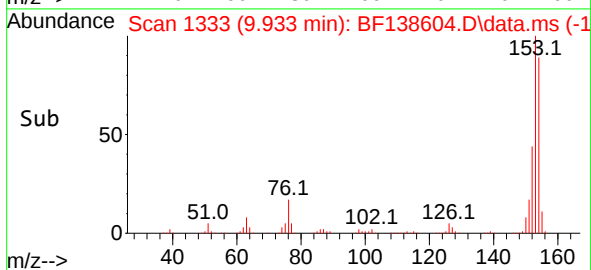
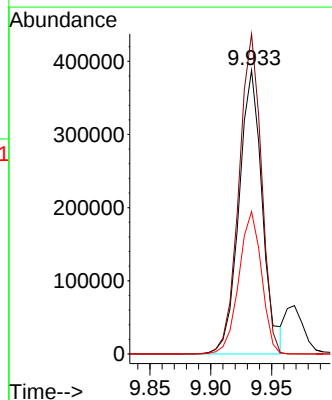
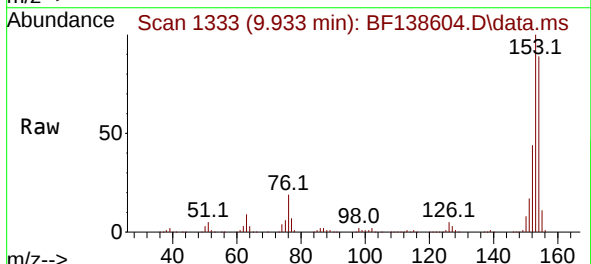
Reviewed By :Yogesh
Patel
07/23/2024

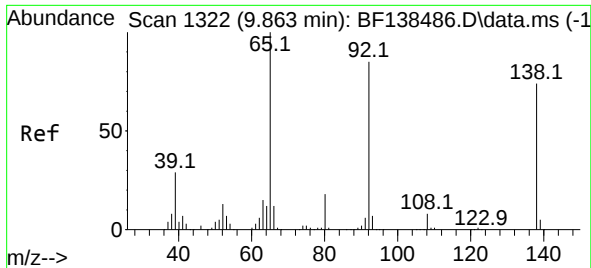
Supervised By :mohammad
ahmed
07/23/2024



#52
Acenaphthene
Concen: 46.126 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:154 Resp: 515922
Ion Ratio Lower Upper
154 100
153 112.8 90.4 135.6
152 50.2 41.1 61.7





#53
3-Nitroaniline
Concen: 29.515 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS

Tgt Ion:138 Resp: 93234
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 121.6 92.6 138.8

Manual Integrations
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Reviewed By :Yogesh

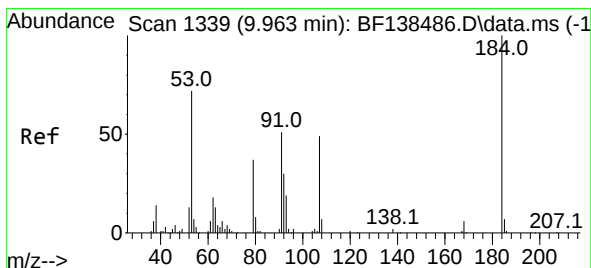
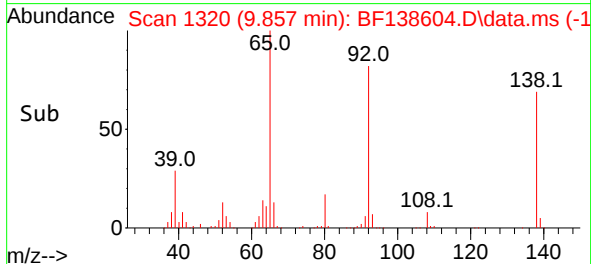
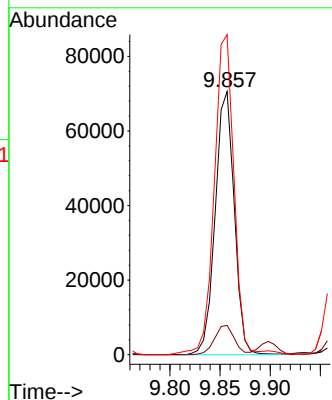
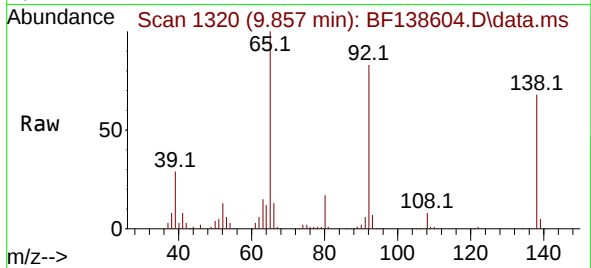
Patel

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Supervised By :mohammad

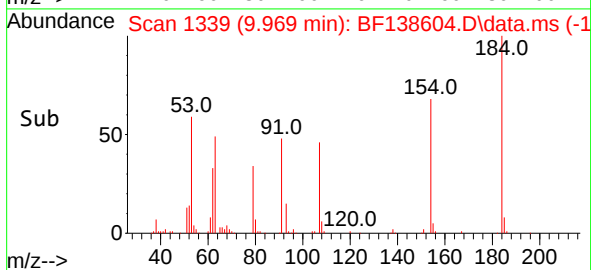
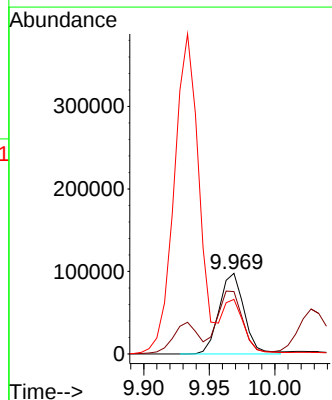
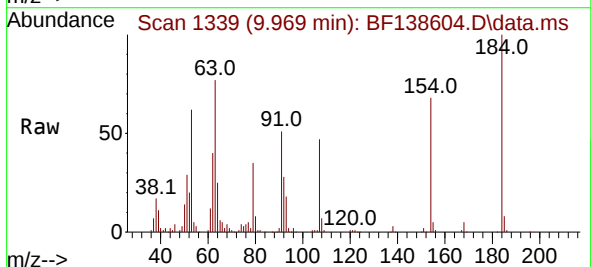
ahmed

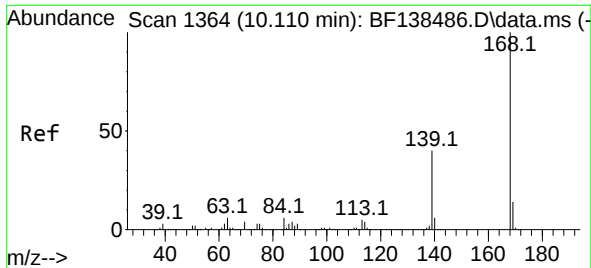
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#54
2,4-Dinitrophenol
Concen: 78.449 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

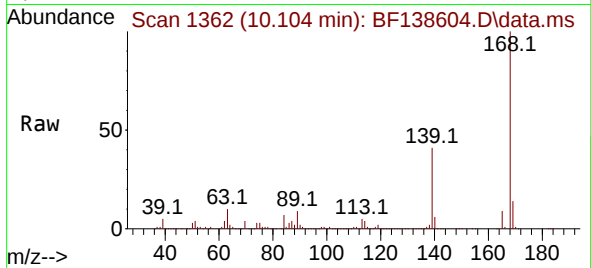
Tgt Ion:184 Resp: 129604
Ion Ratio Lower Upper
184 100
63 77.5 70.6 106.0
154 67.7 53.8 80.6





#55
Dibenzenofuran
Concen: 45.258 ng
RT: 10.104 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :
BNA_F
ClientSampleId :
PB162114BS

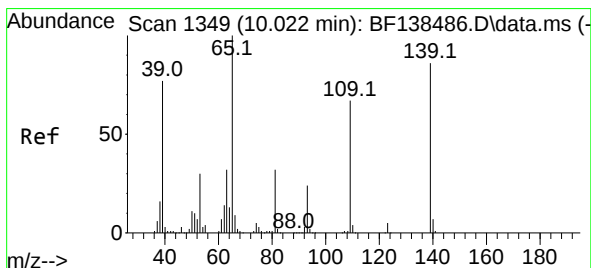
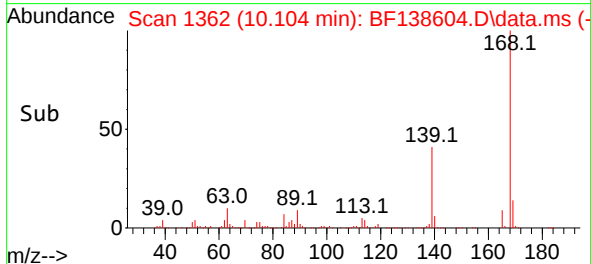
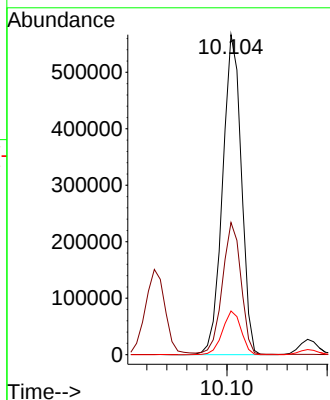


Tgt Ion:168 Resp: 734250
Ion Ratio Lower Upper
168 100
139 41.3 32.4 48.6
169 13.6 10.9 16.3

Manual Integrations
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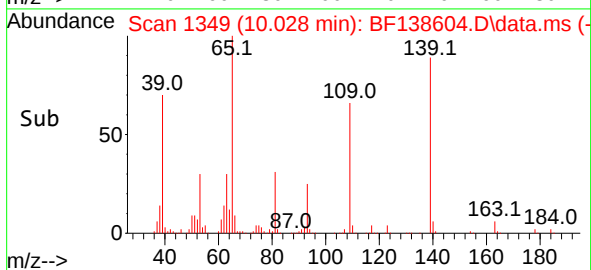
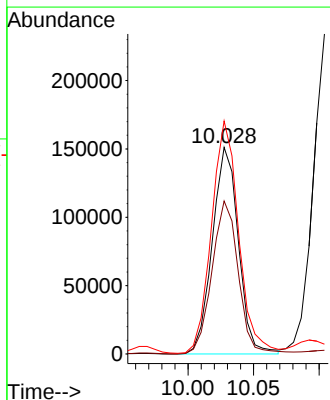
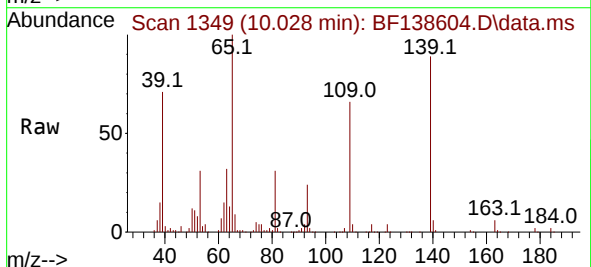
Reviewed By :Yogesh
Patel
07/23/2024

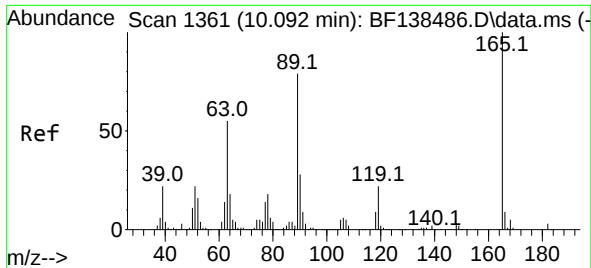
Supervised By :mohammad
ahmed
07/23/2024



#56
4-Nitrophenol
Concen: 89.666 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:139 Resp: 208994
Ion Ratio Lower Upper
139 100
109 74.0 58.1 98.1
65 112.8 96.9 136.9





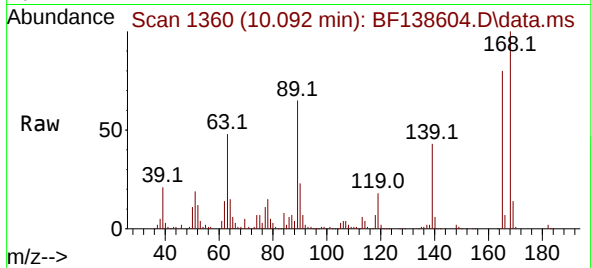
#57
2,4-Dinitrotoluene
Concen: 47.047 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion:165 Resp: 18761
Ion Ratio Lower Upper
165 100
63 60.4 44.6 66.8
89 81.1 63.4 95.2
182 2.9 2.6 3.8

Manual Integrations

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Reviewed By :Yogesh

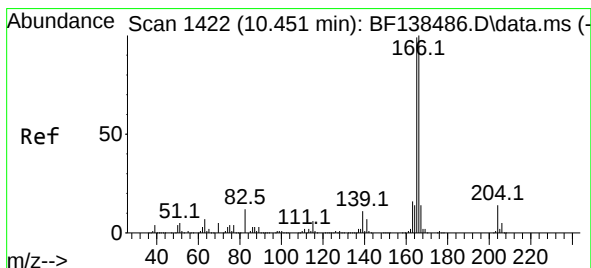
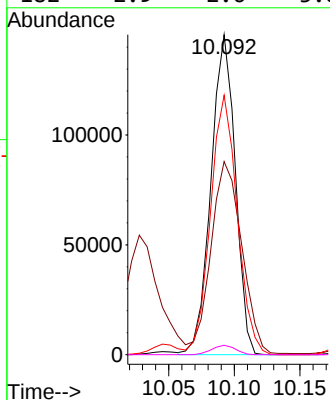
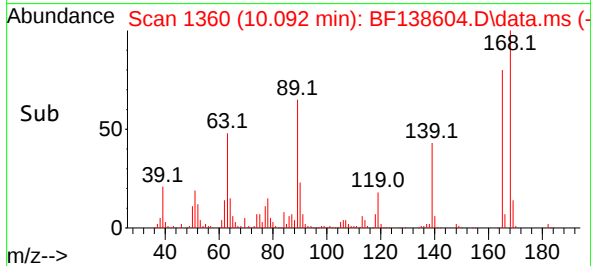
Patel

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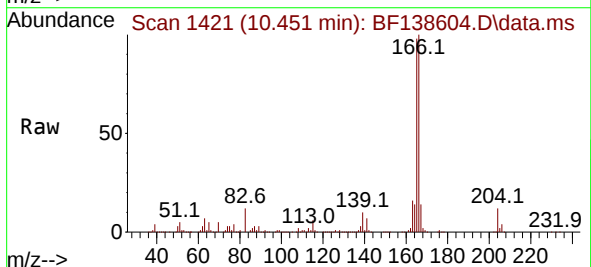
Supervised By :mohammad

ahmed

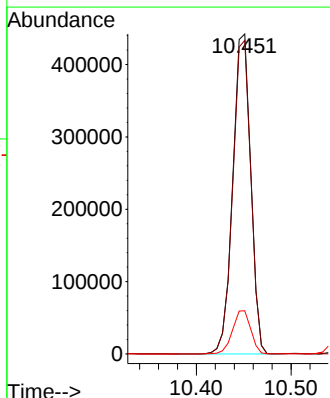
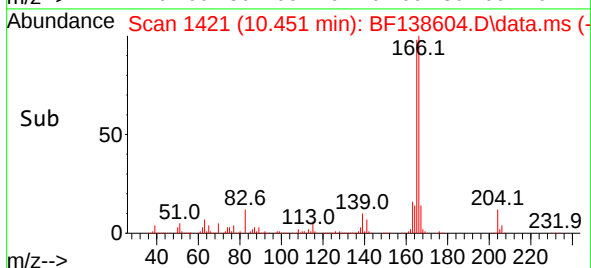
07/23/2024

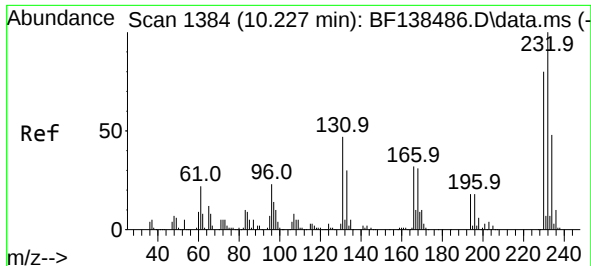


#58
Fluorene
Concen: 45.422 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10



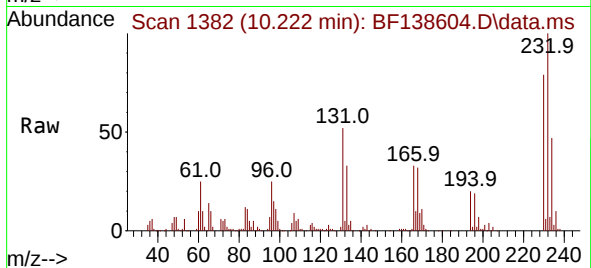
Tgt Ion:166 Resp: 583077
Ion Ratio Lower Upper
166 100
165 98.0 79.1 118.7
167 13.5 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.872 ng
RT: 10.222 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :
BNA_F
ClientSampleId :
PB162114BS

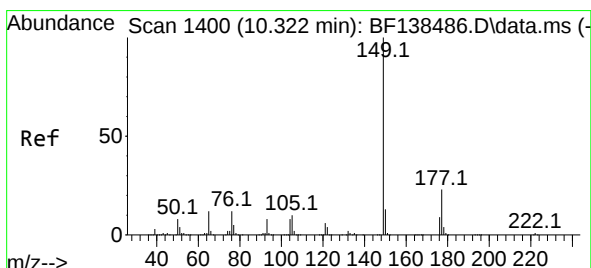
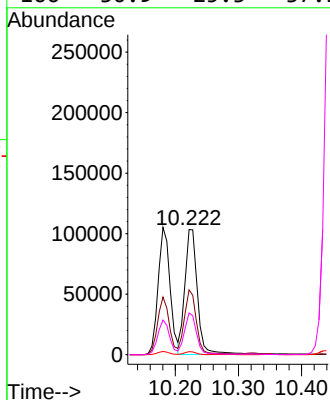
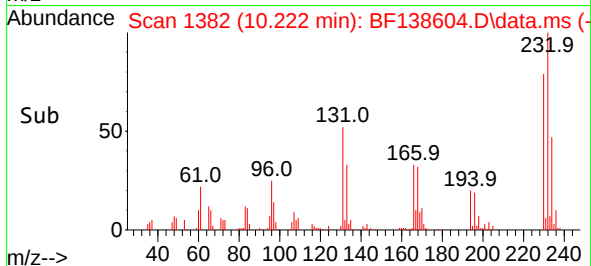


Tgt Ion:232 Resp: 143348
Ion Ratio Lower Upper
232 100
131 49.4 37.5 56.3
130 2.3 2.0 3.0
166 30.9 25.3 37.9

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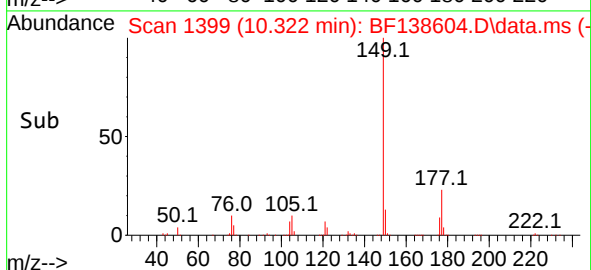
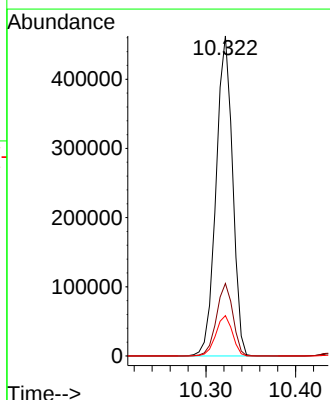
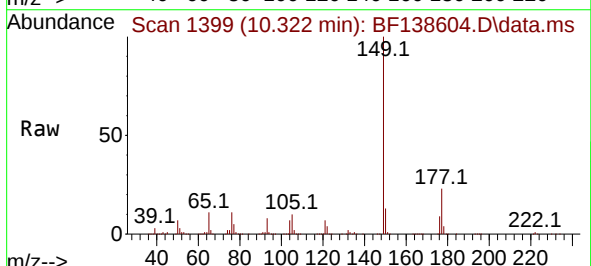
Reviewed By :Yogesh
Patel
07/23/2024

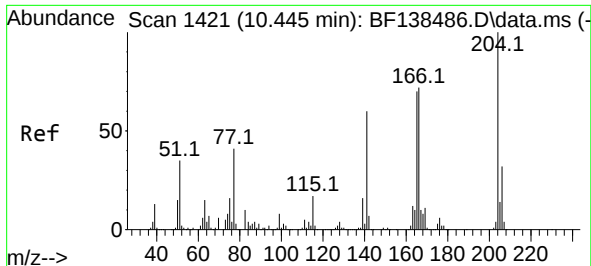
Supervised By :mohammad
ahmed
07/23/2024



#60
Diethylphthalate
Concen: 45.749 ng
RT: 10.322 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

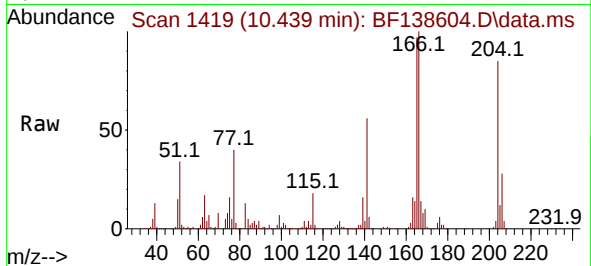
Tgt Ion:149 Resp: 590367
Ion Ratio Lower Upper
149 100
177 22.6 18.5 27.7
150 12.6 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 42.700 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :
BNA_F
ClientSampleId :
PB162114BS

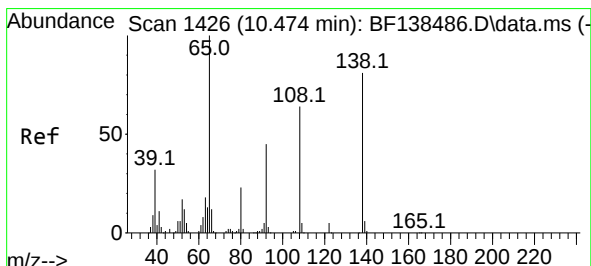
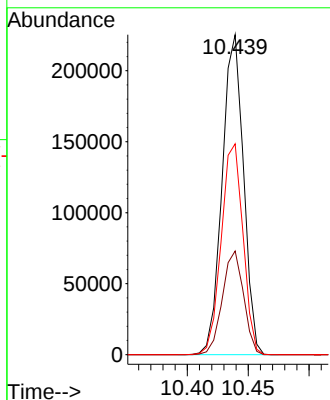
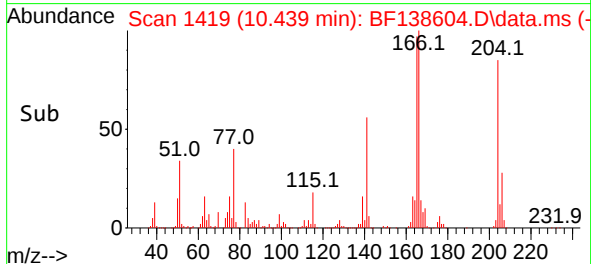


Tgt Ion:204 Resp: 275249
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 65.9 47.7 71.5

Manual Integrations
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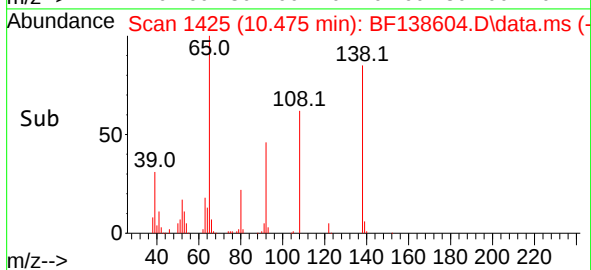
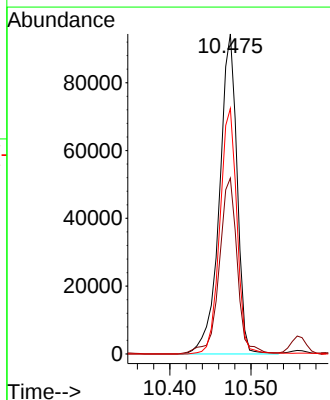
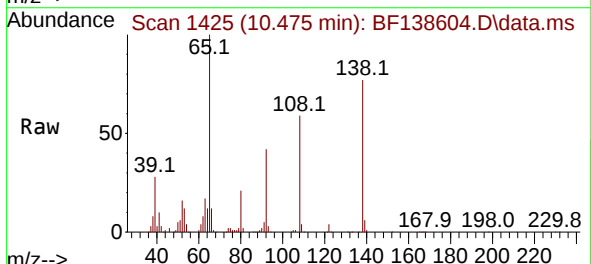
Reviewed By :Yogesh
Patel
07/23/2024

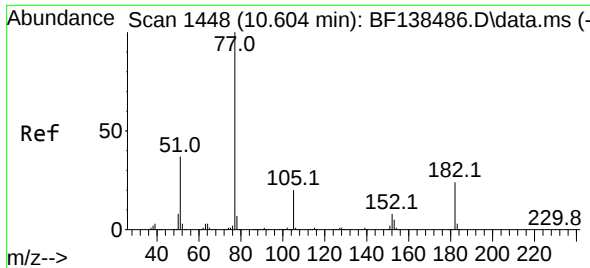
Supervised By :mohammad
ahmed
07/23/2024



#62
4-Nitroaniline
Concen: 45.055 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:138 Resp: 142620
Ion Ratio Lower Upper
138 100
92 55.0 35.8 75.8
108 76.7 59.8 99.8





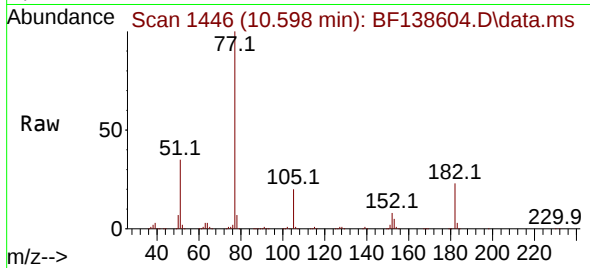
#63
Azobenzene
Concen: 47.838 ng
RT: 10.598 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion: 77 Resp: 663698
Ion Ratio Lower Upper
77 100
182 23.2 3.8 43.8
105 20.1 0.0 39.8
51 35.0 17.3 57.3

Manual Integrations
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Reviewed By :Yogesh

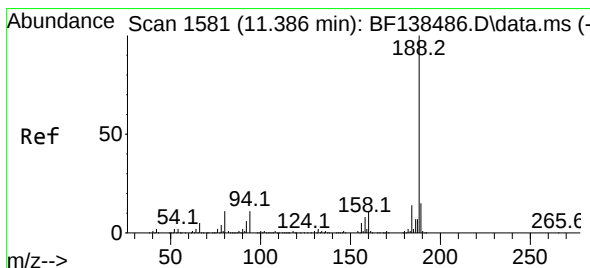
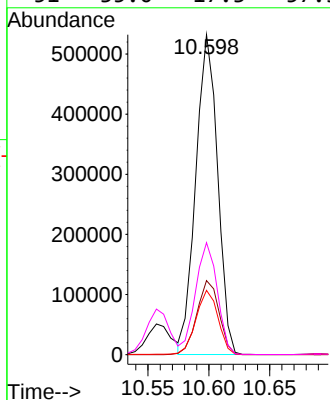
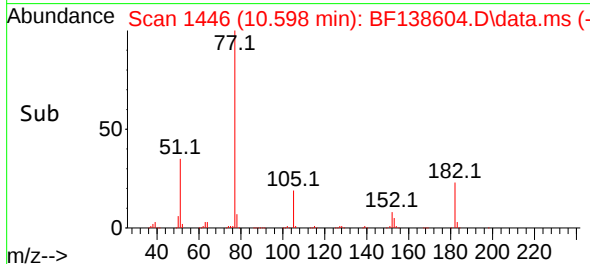
Patel

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Supervised By :mohammad

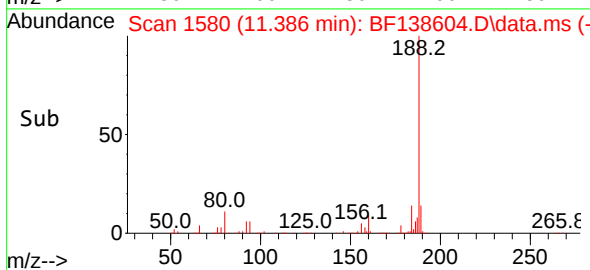
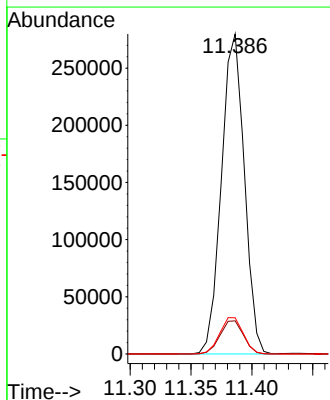
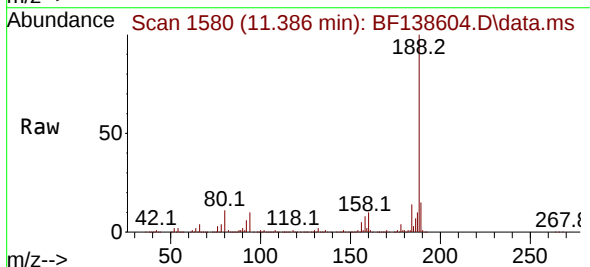
ahmed

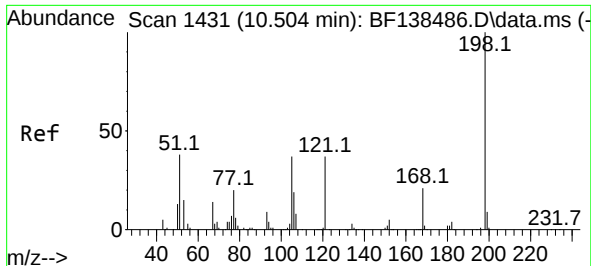
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:188 Resp: 366247
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 11.3 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 49.476 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

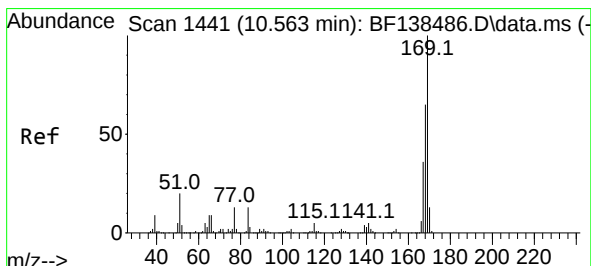
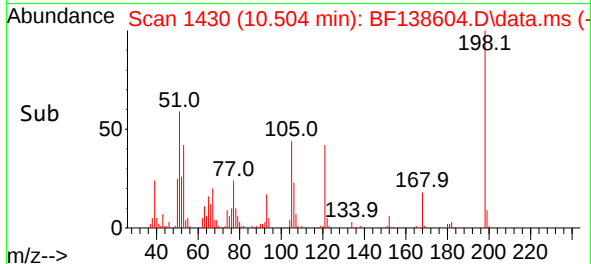
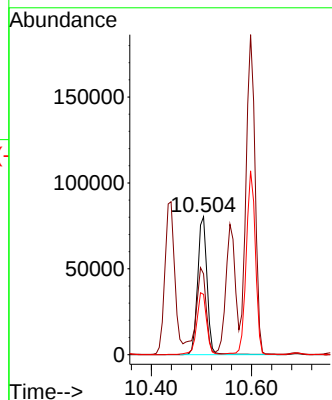
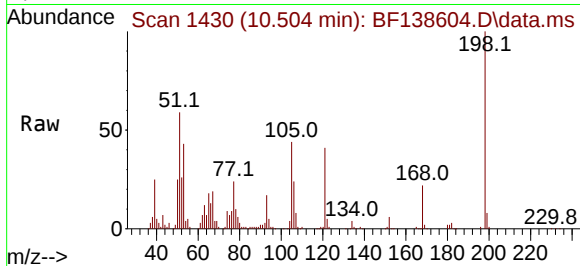
Instrument :
BNA_F
ClientSampleId :
PB162114BS

Tgt Ion:198 Resp: 104630
Ion Ratio Lower Upper
198 100
51 58.6 27.2 67.2
105 43.8 18.5 58.5

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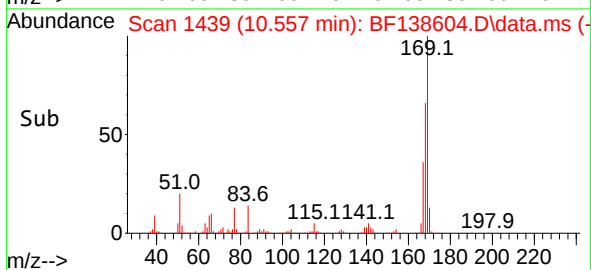
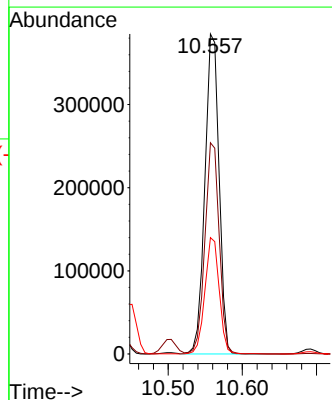
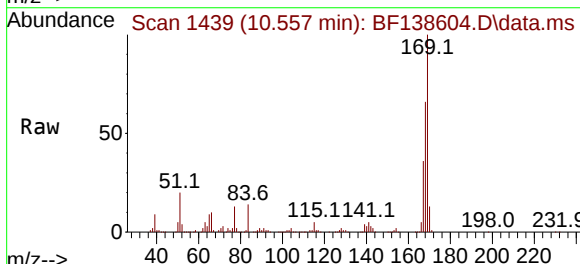
Reviewed By :Yogesh
Patel
07/23/2024

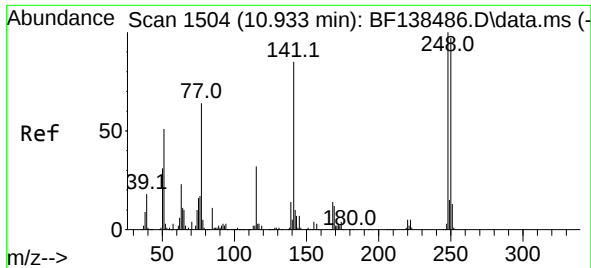
Supervised By :mohammad
ahmed
07/23/2024



#66
n-Nitrosodiphenylamine
Concen: 46.620 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:169 Resp: 511561
Ion Ratio Lower Upper
169 100
168 66.0 51.7 77.5
167 36.3 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 44.189 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS

Tgt Ion:248 Resp: 16634
Ion Ratio Lower Upper
248 100
250 97.2 77.9 116.9
141 84.5 67.7 101.5

Manual Integrations
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Reviewed By :Yogesh

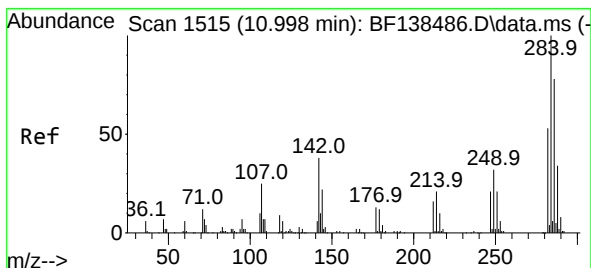
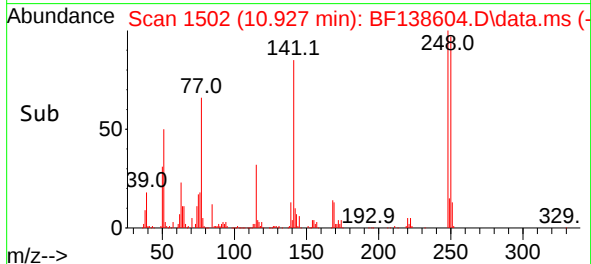
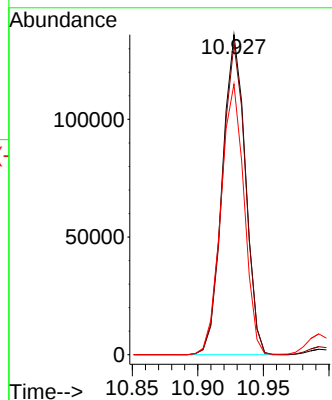
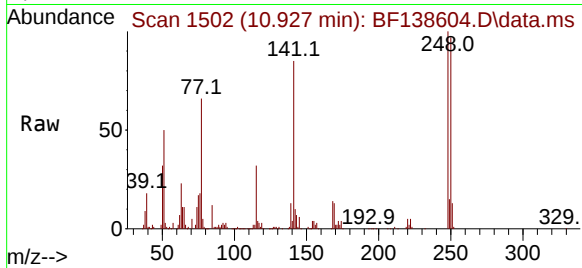
Patel

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Supervised By :mohammad

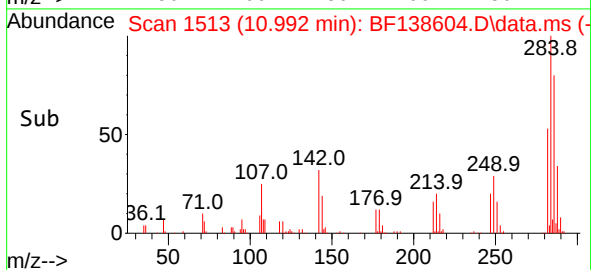
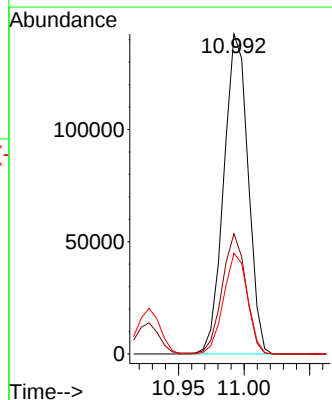
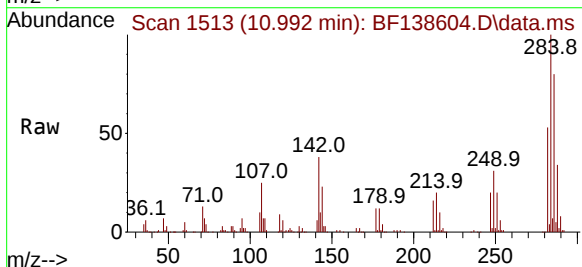
ahmed

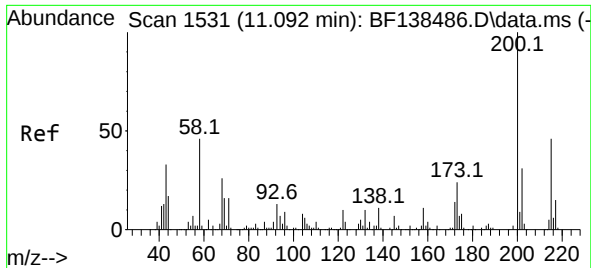
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#68
Hexachlorobenzene
Concen: 43.855 ng
RT: 10.992 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:284 Resp: 183397
Ion Ratio Lower Upper
284 100
142 37.6 30.5 45.7
249 31.4 25.9 38.9





#69
 Atrazine
 Concen: 43.254 ng
 RT: 11.086 min Scan# 1529
 Delta R.T. -0.006 min
 Lab File: BF138604.D
 Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS

Tgt Ion:200 Resp: 157362
 Ion Ratio Lower Upper
 200 100
 173 25.8 4.1 44.1
 215 45.7 26.5 66.5

Manual Integrations
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Reviewed By :Yogesh

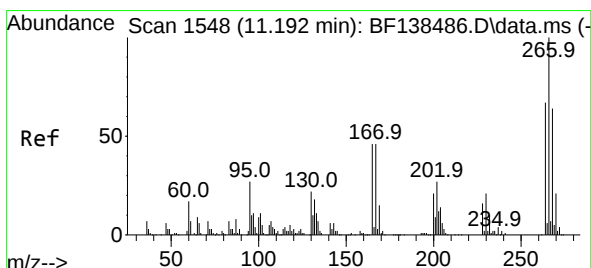
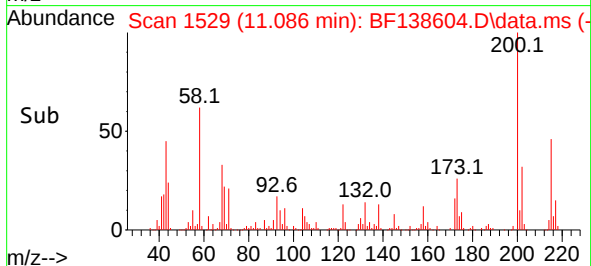
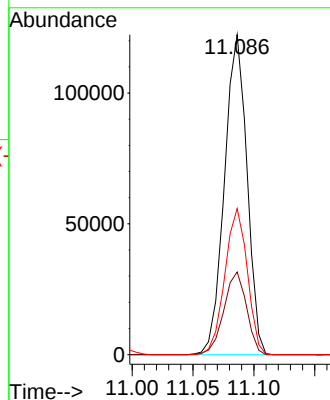
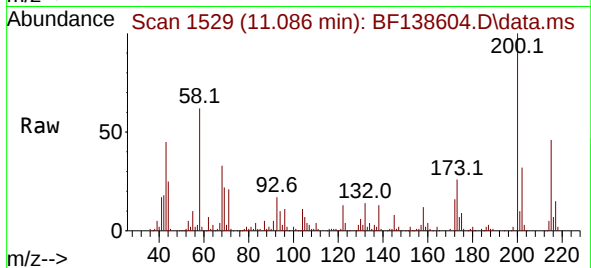
Patel

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Supervised By :mohammad

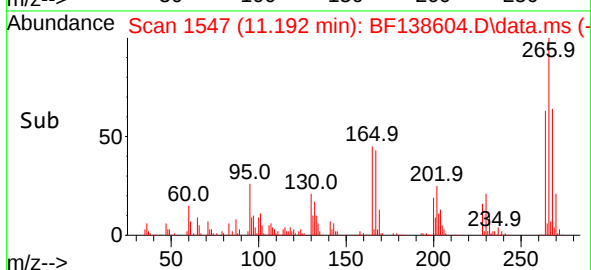
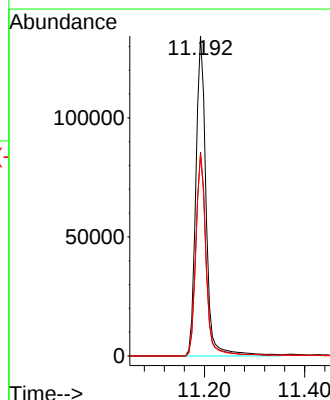
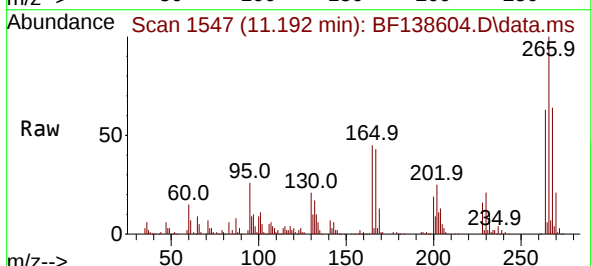
ahmed

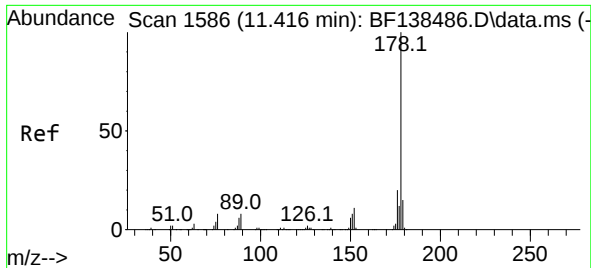
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#70
 Pentachlorophenol
 Concen: 76.933 ng
 RT: 11.192 min Scan# 1547
 Delta R.T. 0.000 min
 Lab File: BF138604.D
 Acq: 22 Jul 2024 13:10

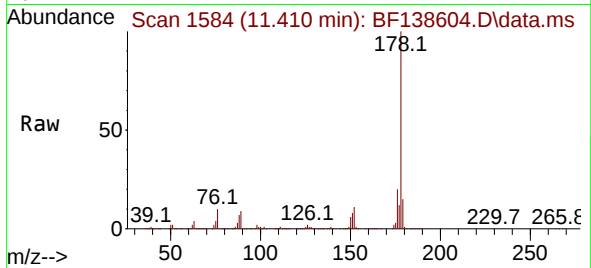
Tgt Ion:266 Resp: 190373
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.9 76.3
 264 63.0 53.5 80.3





#71
Phenanthrene
Concen: 46.551 ng
RT: 11.410 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :
BNA_F
ClientSampleId :
PB162114BS

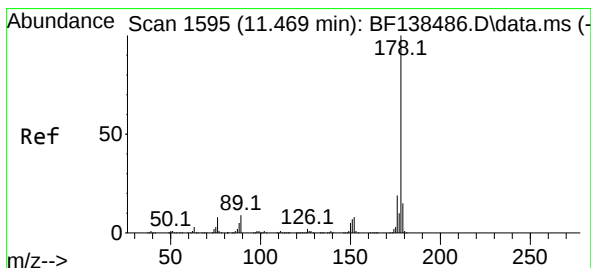
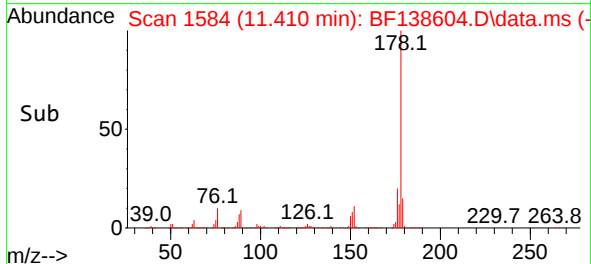
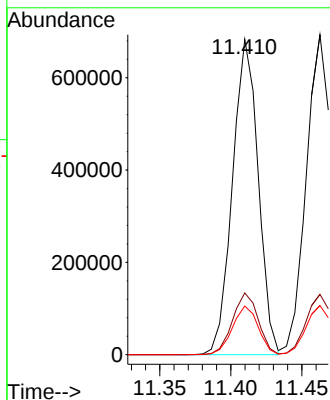


Tgt Ion:178 Resp: 861335
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.4 12.2 18.2

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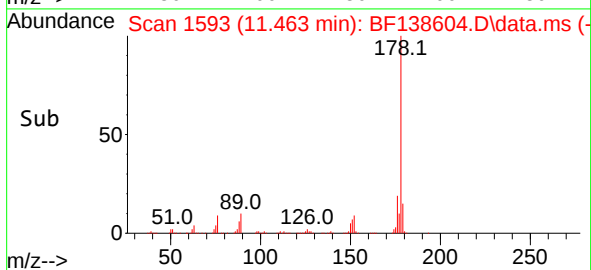
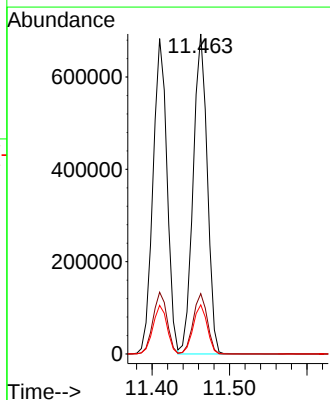
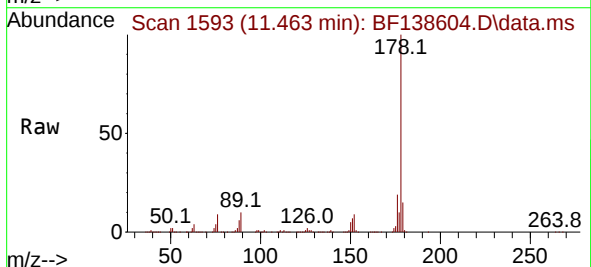
Reviewed By :Yogesh
Patel
07/23/2024

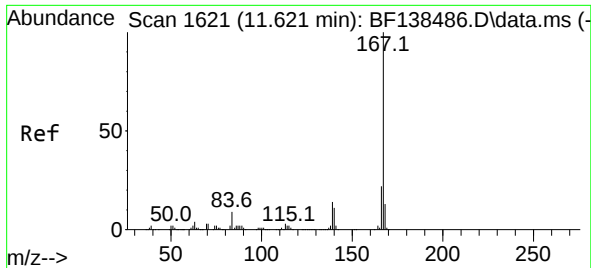
Supervised By :mohammad
ahmed
07/23/2024



#72
Anthracene
Concen: 47.628 ng
RT: 11.463 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

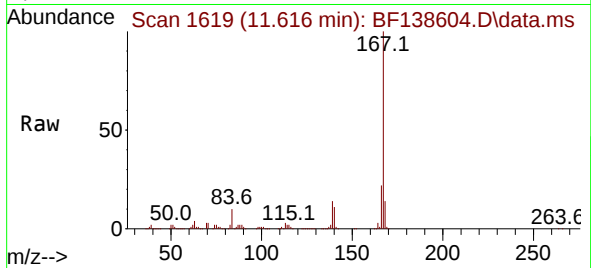
Tgt Ion:178 Resp: 874797
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.3 12.2 18.4





#73
 Carbazole
 Concen: 46.726 ng
 RT: 11.616 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF138604.D
 Acq: 22 Jul 2024 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB162114BS

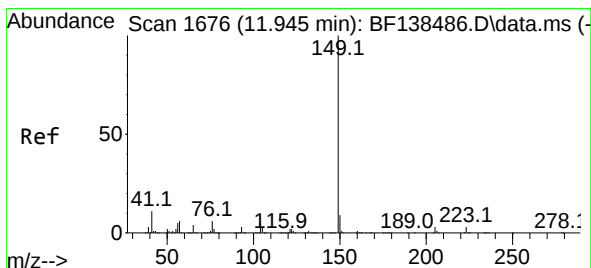
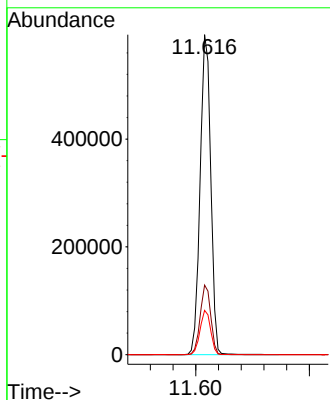
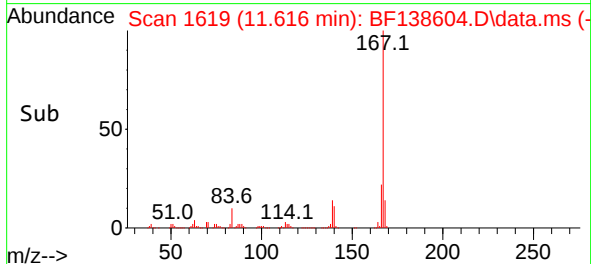


Tgt Ion:167 Resp: 771264
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 13.9 11.0 16.4

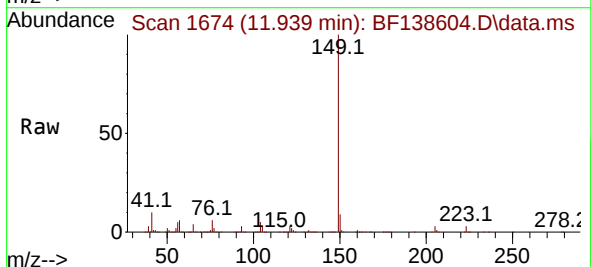
Manual Integrations
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Reviewed By :Yogesh
 Patel
 07/23/2024

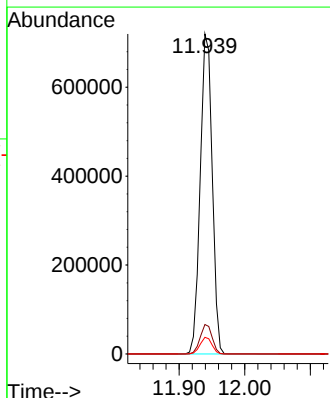
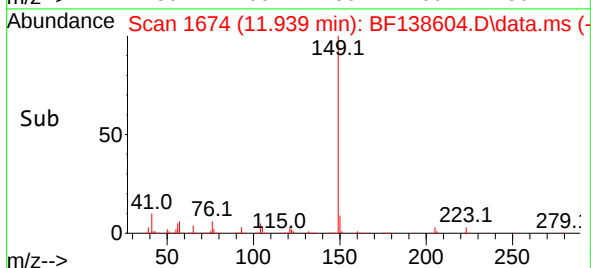
Supervised By :mohammad
 ahmed
 07/23/2024

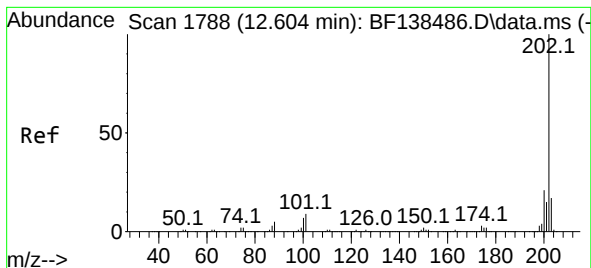


#74
 Di-n-butylphthalate
 Concen: 48.251 ng
 RT: 11.939 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BF138604.D
 Acq: 22 Jul 2024 13:10



Tgt Ion:149 Resp: 918029
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.4 6.6





#75

Fluoranthene

Concen: 46.516 ng

RT: 12.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138604.D

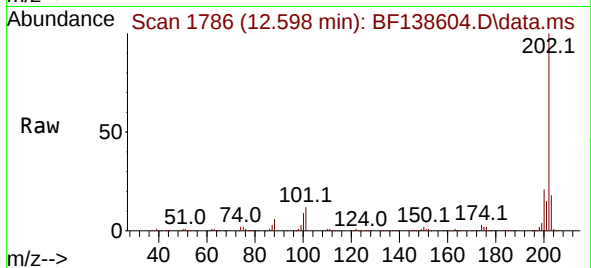
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion:202 Resp: 878240

Ion Ratio Lower Upper

202 100

101 11.8 0.0 29.2

203 17.5 0.0 37.3

Manual Integrations

APPROVED

Reviewed By :Yogesh

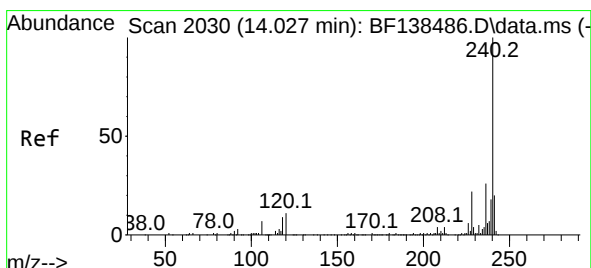
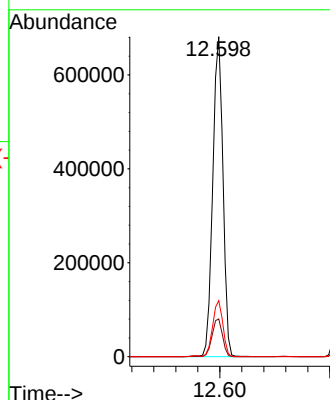
Patel

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Supervised By :mohammad

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF138604.D

Acq: 22 Jul 2024 13:10

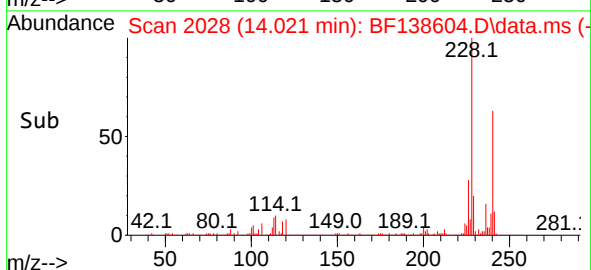
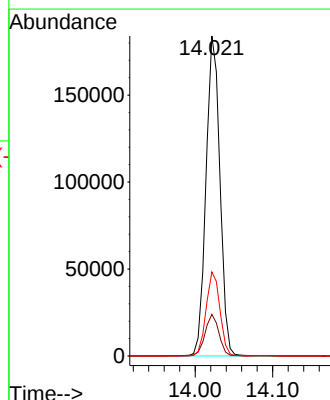
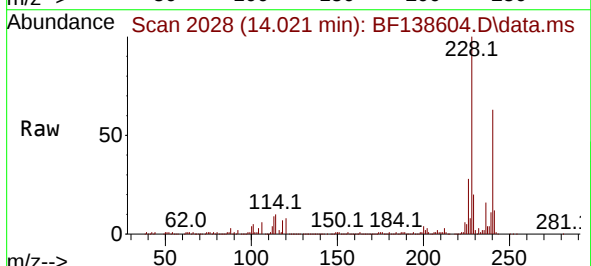
Tgt Ion:240 Resp: 229312

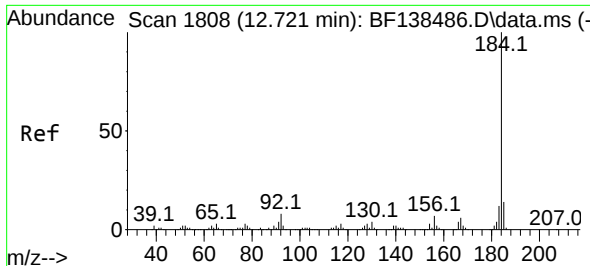
Ion Ratio Lower Upper

240 100

120 13.0 8.6 12.8#

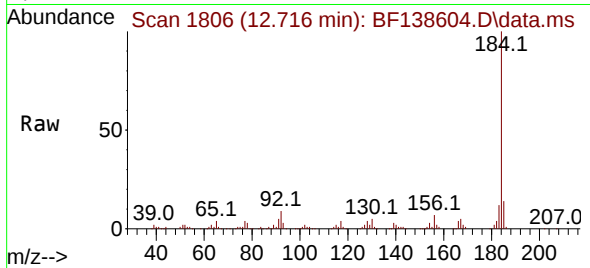
236 26.2 21.0 31.6





#77
Benzidine
Concen: 27.864 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.005 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :
BNA_F
ClientSampleId :
PB162114BS

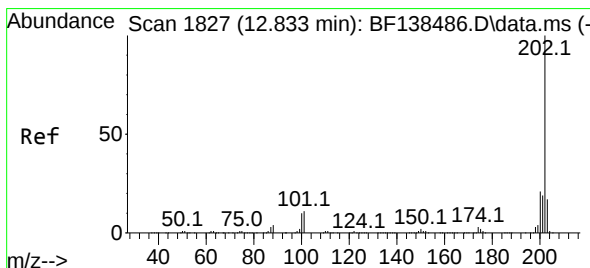
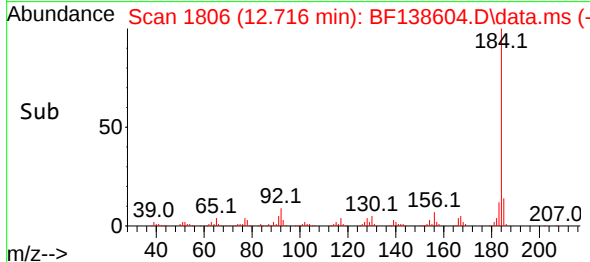
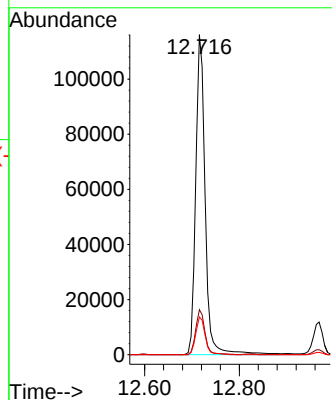


Tgt Ion:184 Resp: 161208
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.8 9.5 14.3

Manual Integrations
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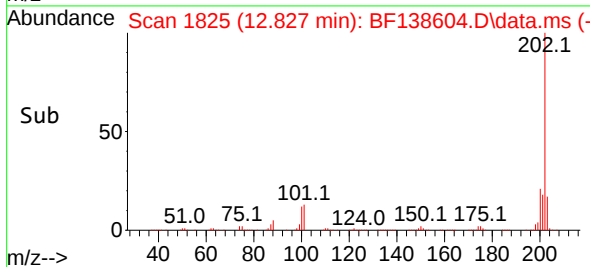
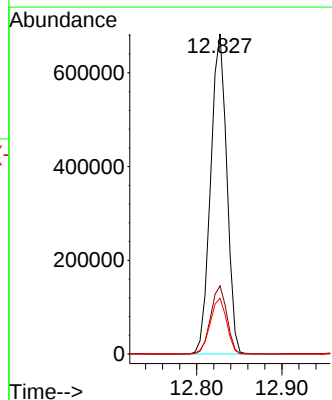
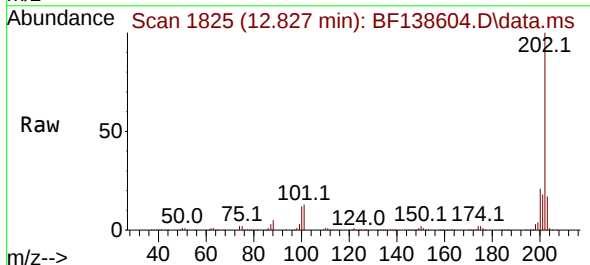
Reviewed By :Yogesh
Patel
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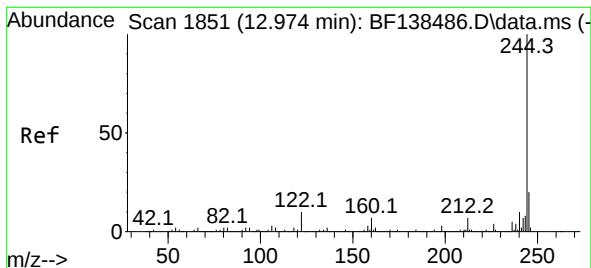
Supervised By :mohammad
ahmed
07/23/2024



#78
Pyrene
Concen: 38.556 ng
RT: 12.827 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:202 Resp: 897519
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.4 13.7 20.5





#79

Terphenyl-d14

Concen: 84.131 ng

RT: 12.969 min Scan# 118421

Delta R.T. -0.006 min

Lab File: BF138604.D

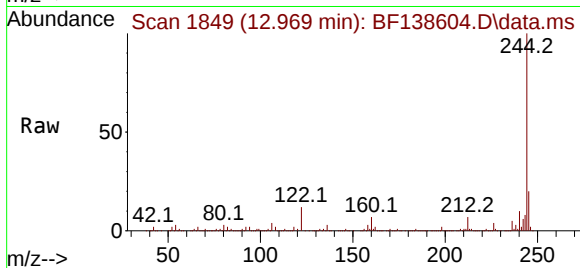
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion:244 Resp: 118421

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.8 7.8 11.8

Manual Integrations

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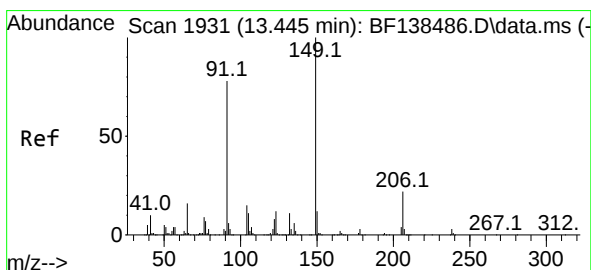
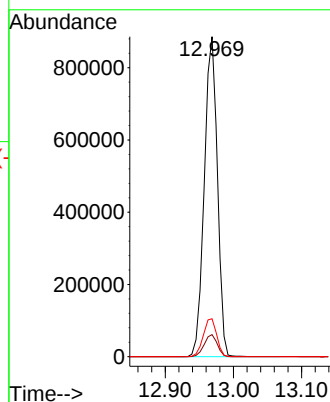
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#80

Butylbenzylphthalate

Concen: 53.637 ng

RT: 13.439 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF138604.D

Acq: 22 Jul 2024 13:10

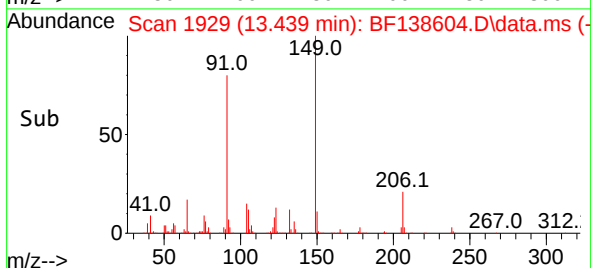
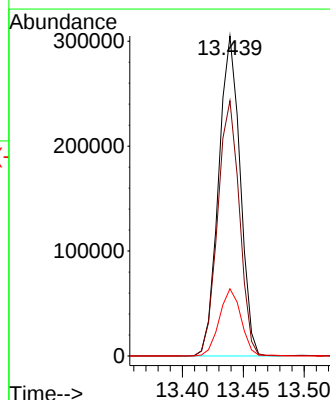
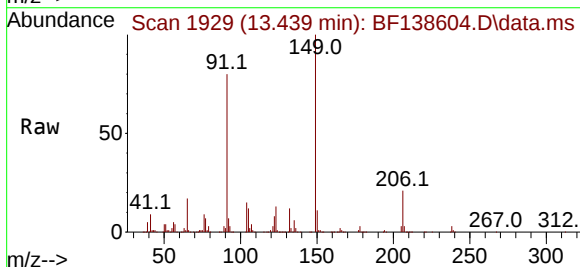
Tgt Ion:149 Resp: 375598

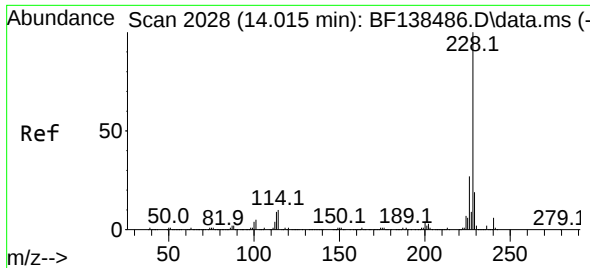
Ion Ratio Lower Upper

149 100

91 79.8 62.1 93.1

206 21.0 18.0 27.0





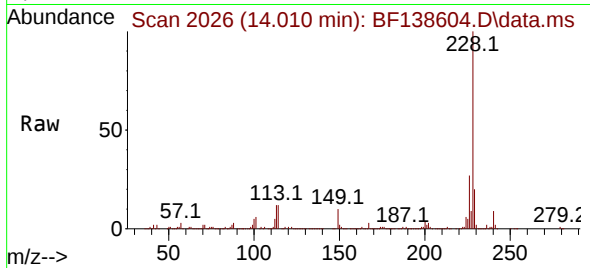
#81
Benzo(a)anthracene
Concen: 49.835 ng
RT: 14.010 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion:228 Resp: 766802
Ion Ratio Lower Upper
228 100
226 27.5 21.9 32.9
229 20.0 15.5 23.3

Manual Integrations

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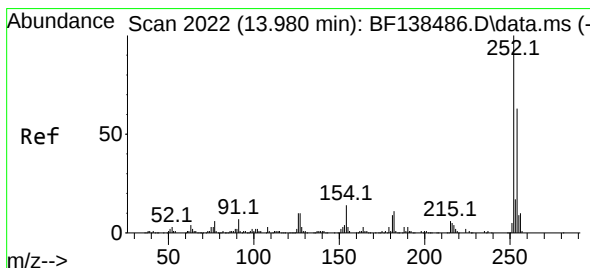
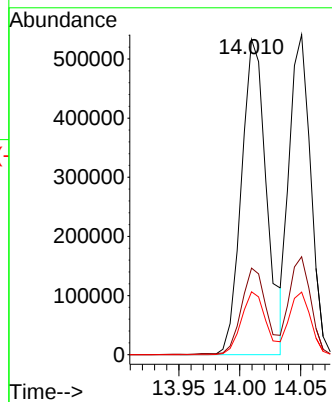
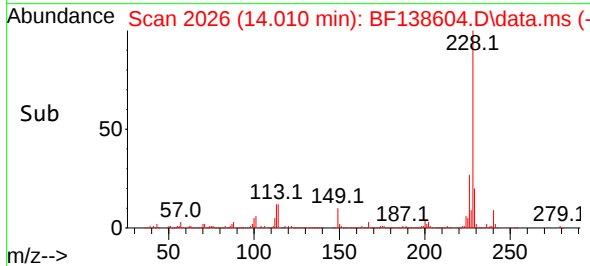
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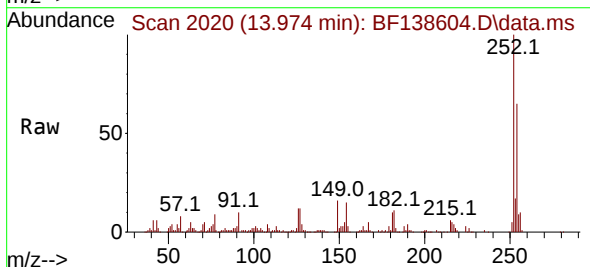
Supervised By :mohammad

ahmed

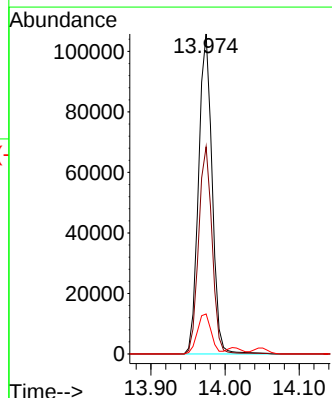
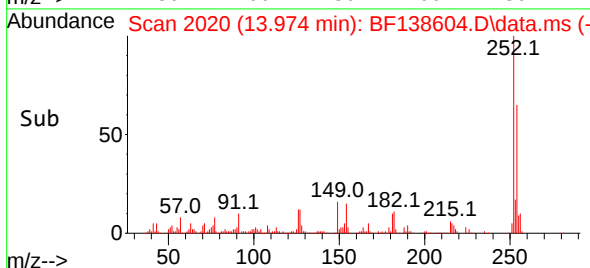
07/23/2024

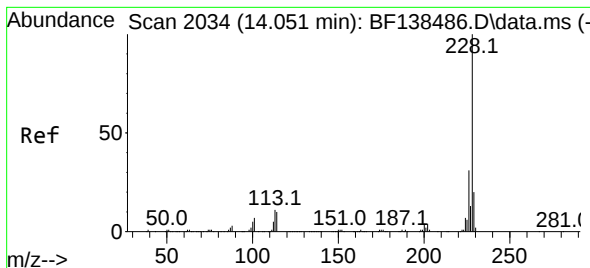


#82
3,3'-Dichlorobenzidine
Concen: 33.814 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10



Tgt Ion:252 Resp: 134065
Ion Ratio Lower Upper
252 100
254 64.8 50.3 75.5
126 12.5 8.1 12.1#





#83

Chrysene

Concen: 45.283 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138604.D

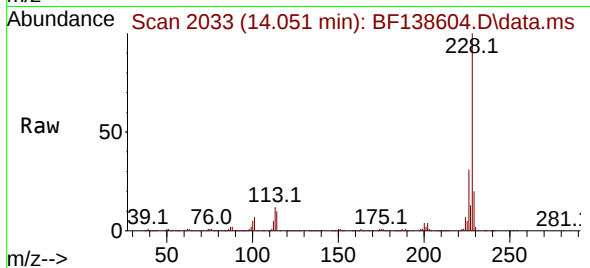
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion:228 Resp: 65913

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.5 16.0 24.0

Manual Integrations

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Reviewed By :Yogesh

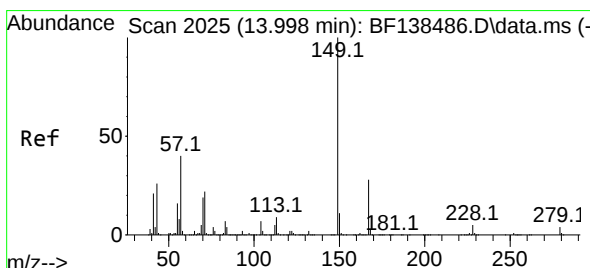
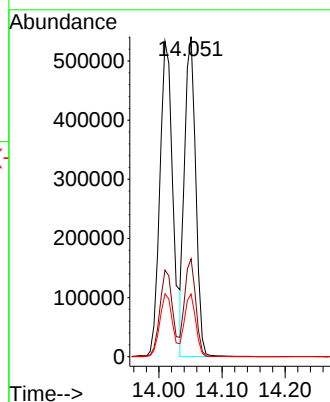
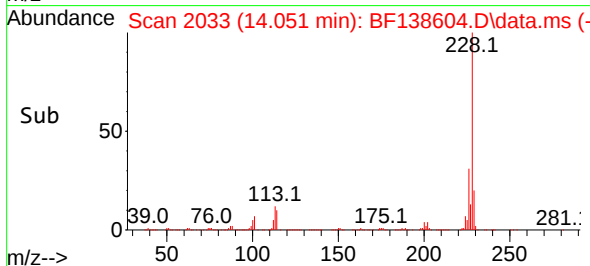
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Supervised By :mohammad

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#84

Bis(2-ethylhexyl)phthalate

Concen: 55.691 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF138604.D

Acq: 22 Jul 2024 13:10

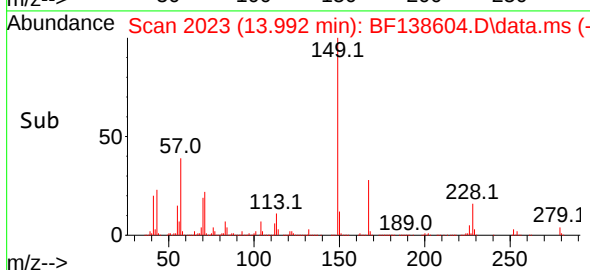
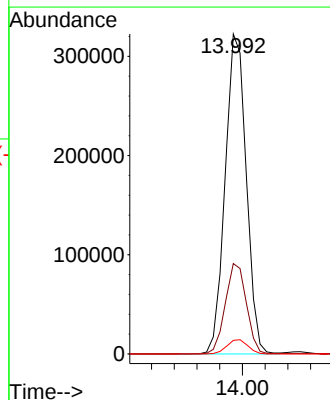
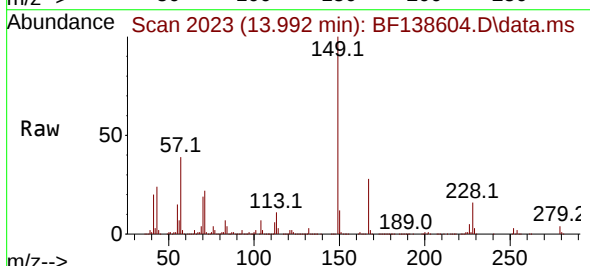
Tgt Ion:149 Resp: 415918

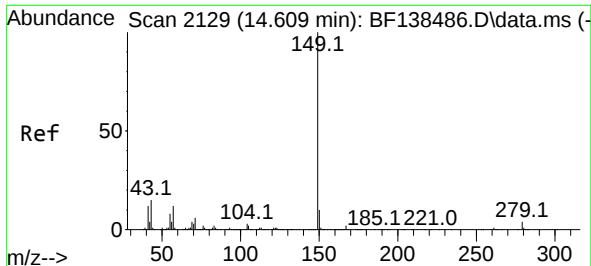
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 4.2 3.0 4.6





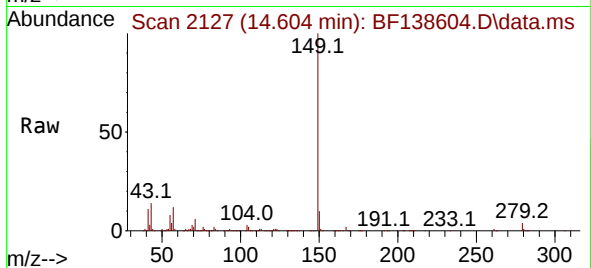
#85
Di-n-octyl phthalate
Concen: 41.197 ng
RT: 14.604 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS

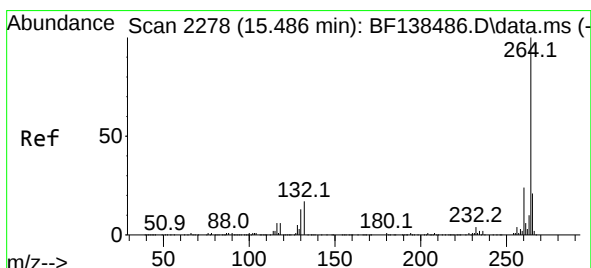
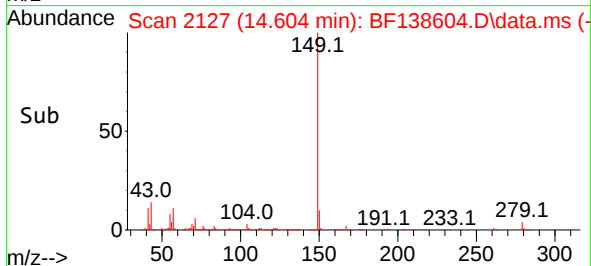
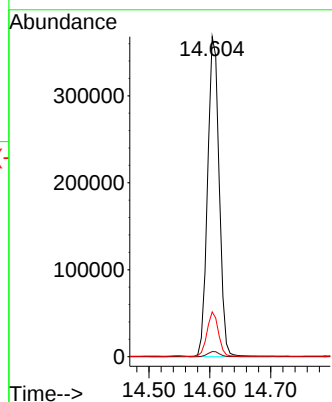


Tgt Ion:149 Resp: 48604
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.4 10.7 16.1

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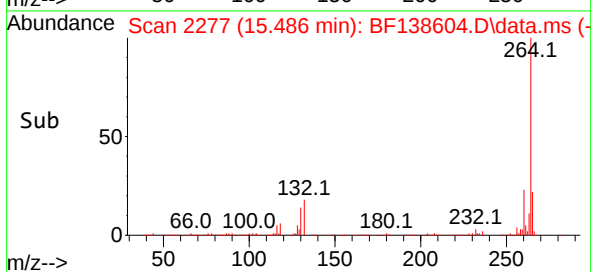
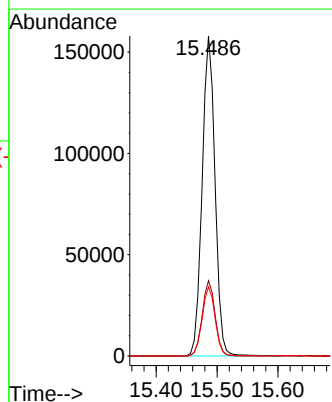
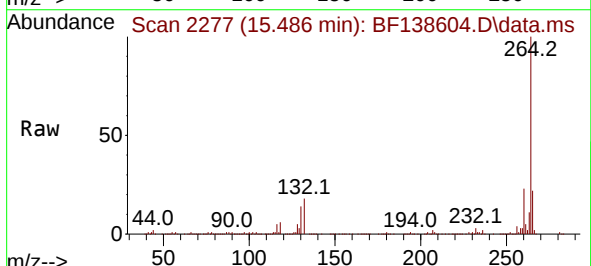
Reviewed By :Yogesh
Patel
07/23/2024

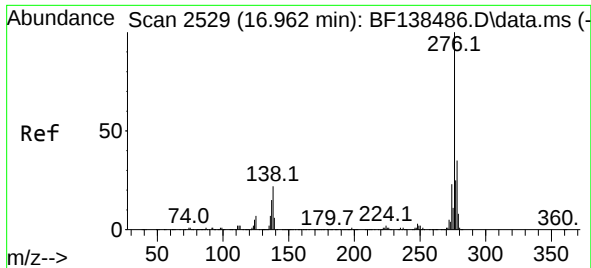
Supervised By :mohammad
ahmed
07/23/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:264 Resp: 232363
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 21.6 17.0 25.4





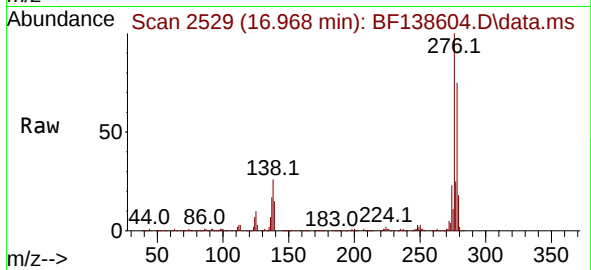
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.819 ng
RT: 16.968 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion:276 Resp: 746350
Ion Ratio Lower Upper
276 100
138 26.0 19.6 29.4
277 25.3 20.5 30.7

Manual Integrations
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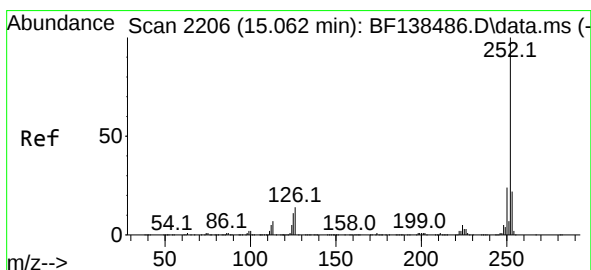
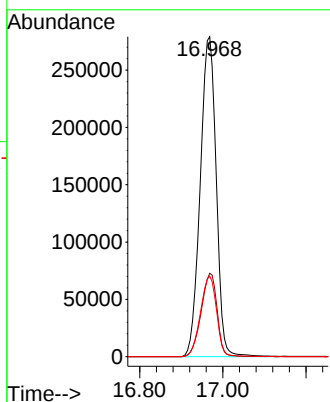
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Supervised By :mohammad

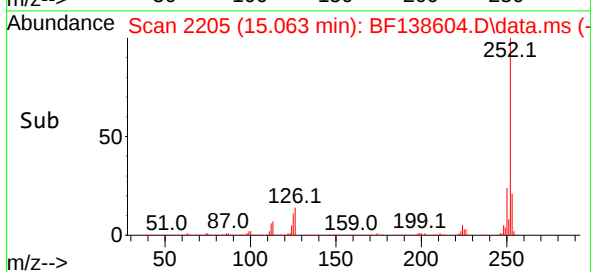
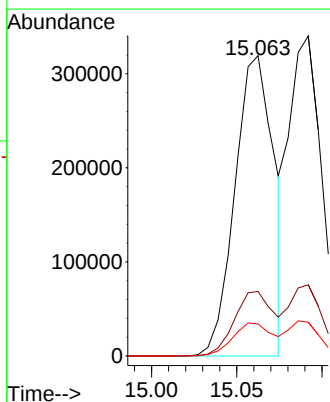
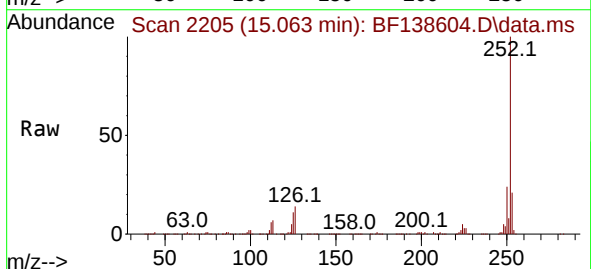
ahmed

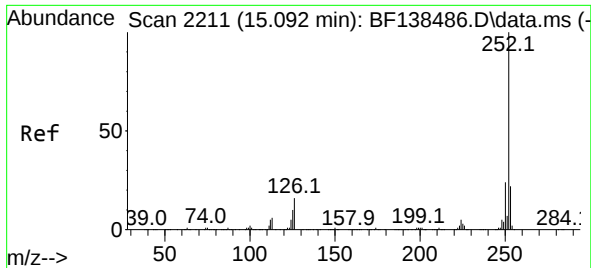
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#88
Benzo(b)fluoranthene
Concen: 38.680 ng
RT: 15.063 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:252 Resp: 506169
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 10.7 8.6 13.0





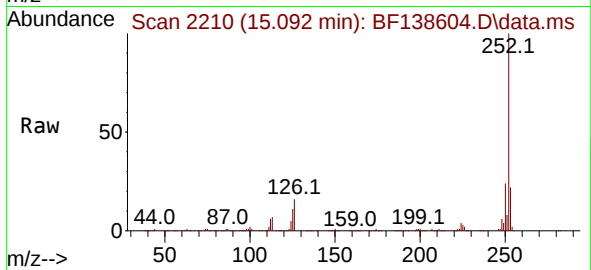
#89
Benzo(k)fluoranthene
Concen: 35.879 ng
RT: 15.092 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion:252 Resp: 457911
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.6 8.1 12.1

Manual Integrations

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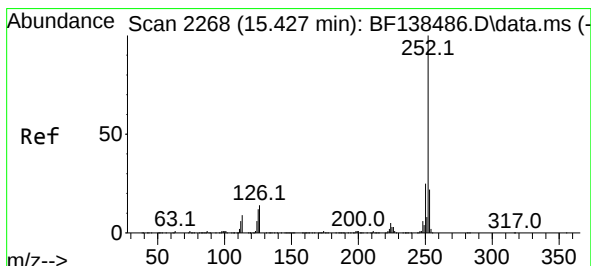
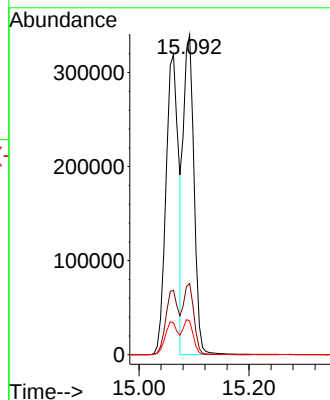
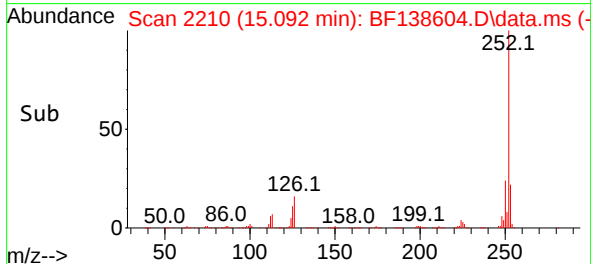
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Supervised By :mohammad

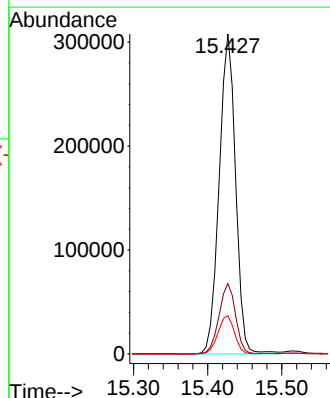
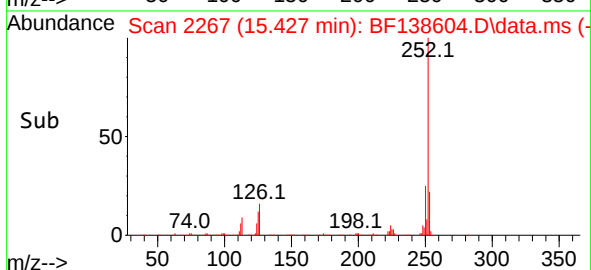
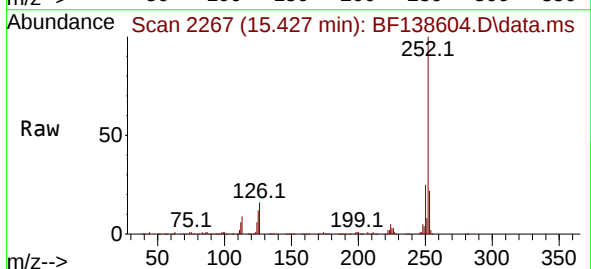
ahmed

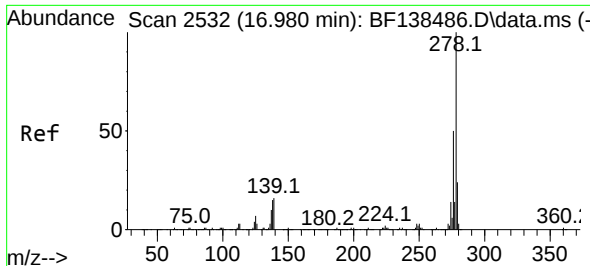
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#90
Benzo(a)pyrene
Concen: 41.234 ng
RT: 15.427 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Tgt Ion:252 Resp: 474011
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 11.9 9.4 14.2





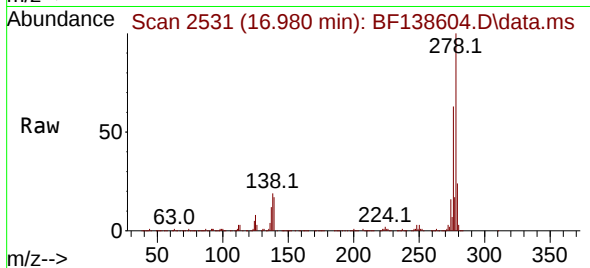
#91
Dibenzo(a,h)anthracene
Concen: 47.463 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB162114BS



Tgt Ion:278 Resp: 605978
Ion Ratio Lower Upper
278 100
139 17.3 12.8 19.2
279 23.9 19.1 28.7

Manual Integrations
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Reviewed By :Yogesh

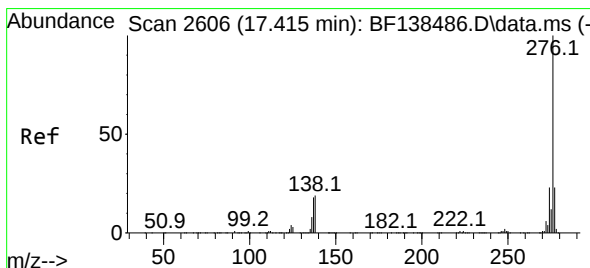
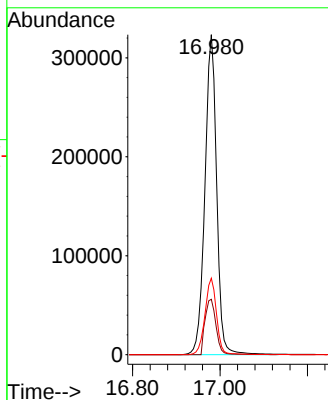
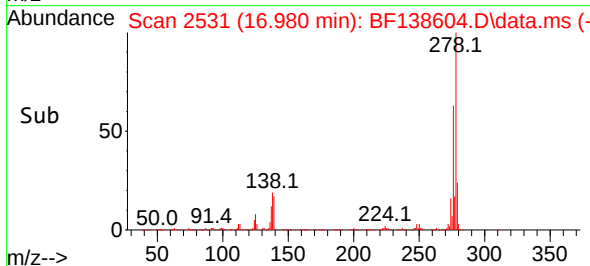
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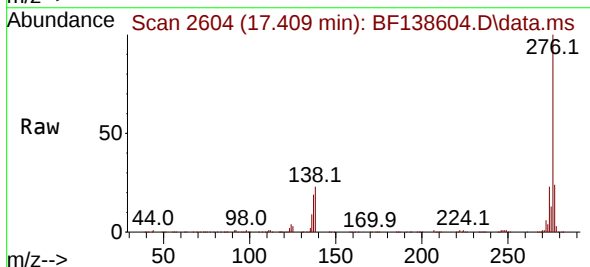
Supervised By :mohammad

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07/23/2024



#92
Benzo(g,h,i)perylene
Concen: 33.510 ng
RT: 17.409 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF138604.D
Acq: 22 Jul 2024 13:10



Tgt Ion:276 Resp: 453678
Ion Ratio Lower Upper
276 100
277 23.8 18.0 27.0
138 22.8 15.5 23.3

