

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138464.D
 Acq On : 05 Jul 2024 12:53
 Operator : CG\JU
 Sample : PB161894BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161894BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 07/08/2024

Supervised By :mohammad
 ahmed
 07/08/2024

Quant Time: Jul 05 13:15:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	128277	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	527419	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	296612	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	505964	20.000	ng	0.00
76) Chrysene-d12	14.039	240	217140	20.000	ng	# 0.01
86) Perylene-d12	15.504	264	249423	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1026126	132.625	ng	0.02
7) Phenol-d6	6.522	99	1367945	131.248	ng	0.00
23) Nitrobenzene-d5	7.445	82	902130	88.855	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	329746	136.070	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1513576	81.210	ng	0.00
79) Terphenyl-d14	12.980	244	1333274	84.146	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	124595	34.188	ng	97
3) Pyridine	3.481	79	308112	35.439	ng	98
4) n-Nitrosodimethylamine	3.440	42	265113	48.877	ng	93
6) Aniline	6.540	93	301508	29.644	ng	# 91
8) 2-Chlorophenol	6.663	128	409917	49.352	ng	99
9) Benzaldehyde	6.428	77	154364	23.996	ng	98
10) Phenol	6.534	94	523513	47.145	ng	92
11) bis(2-Chloroethyl)ether	6.616	93	390687	44.798	ng	99
12) 1,3-Dichlorobenzene	6.816	146	405548	42.636	ng	98
13) 1,4-Dichlorobenzene	6.892	146	407219	42.697	ng	100
14) 1,2-Dichlorobenzene	7.045	146	398343	45.242	ng	98
15) Benzyl Alcohol	7.022	79	388412	52.030	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	787167	44.748	ng	96
17) 2-Methylphenol	7.134	107	325408	47.272	ng	95
18) Hexachloroethane	7.387	117	151237	43.963	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	298555	45.438	ng	98
20) 3+4-Methylphenols	7.287	107	395845	49.491	ng	100
22) Acetophenone	7.287	105	544261	45.487	ng	# 98
24) Nitrobenzene	7.463	77	464270	44.959	ng	98
25) Isophorone	7.698	82	837418	44.732	ng	99
26) 2-Nitrophenol	7.775	139	219290	49.232	ng	96
27) 2,4-Dimethylphenol	7.810	122	289169	50.725	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	488254	43.329	ng	99
29) 2,4-Dichlorophenol	8.022	162	340638	46.524	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	364787	42.850	ng	98
31) Naphthalene	8.181	128	1172095	43.960	ng	100
32) Benzoic acid	7.957	122	259444	49.639	ng	97
33) 4-Chloroaniline	8.228	127	198978	21.368	ng	98
34) Hexachlorobutadiene	8.292	225	211962	41.470	ng	98
35) Caprolactam	8.610	113	117226m	50.702	ng	
36) 4-Chloro-3-methylphenol	8.716	107	383626	49.190	ng	97
37) 2-Methylnaphthalene	8.869	142	759325	44.065	ng	99
38) 1-Methylnaphthalene	8.969	142	705359	42.207	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	352912	43.015	ng	98
41) Hexachlorocyclopentadiene	9.022	237	276458	114.477	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	235750	45.158	ng	99

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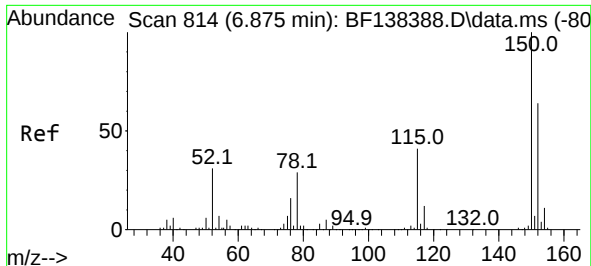
Reviewed By :Yogesh
 Patel
 07/08/2024

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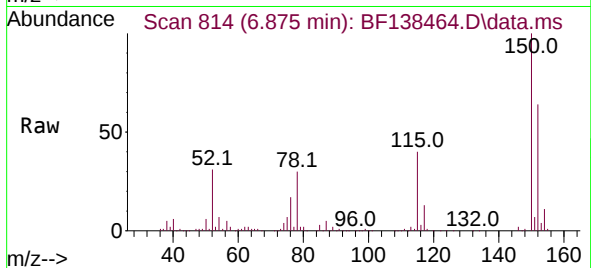
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	253185	44.594	ng	98
46) 1,1'-Biphenyl	9.333	154	943111	42.584	ng	99
47) 2-Chloronaphthalene	9.363	162	714570	42.317	ng	99
48) 2-Nitroaniline	9.457	65	280464	51.490	ng	92
49) Acenaphthylene	9.775	152	1127498	47.478	ng	100
50) Dimethylphthalate	9.639	163	859134	45.069	ng	100
51) 2,6-Dinitrotoluene	9.704	165	197301	46.213	ng	88
52) Acenaphthene	9.951	154	802722m	49.365	ng	
53) 3-Nitroaniline	9.869	138	142438	33.780	ng	95
54) 2,4-Dinitrophenol	9.980	184	195901	105.304	ng	95
55) Dibenzofuran	10.122	168	1001181	44.686	ng	98
56) 4-Nitrophenol	10.045	139	285320	104.362	ng	84
57) 2,4-Dinitrotoluene	10.104	165	260302	49.518	ng	95
58) Fluorene	10.463	166	772681	43.403	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	207345	49.168	ng	98
60) Diethylphthalate	10.339	149	810650	45.484	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	379629	42.029	ng	93
62) 4-Nitroaniline	10.486	138	187432	48.428	ng	93
63) Azobenzene	10.616	77	875937	46.537	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	141731	51.794	ng	89
66) n-Nitrosodiphenylamine	10.575	169	689405	43.890	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	228126	41.947	ng	95
68) Hexachlorobenzene	11.010	284	250529	41.795	ng	97
69) Atrazine	11.104	200	205217	46.597	ng	98
70) Pentachlorophenol	11.204	266	287189	94.396	ng	99
71) Phenanthrene	11.427	178	1133898	45.900	ng	100
72) Anthracene	11.480	178	1143887	46.432	ng	99
73) Carbazole	11.633	167	955395	46.712	ng	99
74) Di-n-butylphthalate	11.957	149	1170590	45.161	ng	99
75) Fluoranthene	12.610	202	1044487	47.162	ng	98
77) Benzidine	12.727	184	55432	31.925	ng	97
78) Pyrene	12.839	202	1022060	44.039	ng	99
80) Butylbenzylphthalate	13.457	149	329902	46.715	ng	95
81) Benzo(a)anthracene	14.027	228	657980	47.079	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	169389	41.050	ng	98
83) Chrysene	14.063	228	627930	46.172	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	374551	42.292	ng	99
85) Di-n-octyl phthalate	14.621	149	654957	42.251	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	652599	52.073	ng	97
88) Benzo(b)fluoranthene	15.080	252	662111	48.382	ng	98
89) Benzo(k)fluoranthene	15.110	252	623266	49.447	ng	99
90) Benzo(a)pyrene	15.445	252	606695	50.579	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	518488	51.254	ng	97
92) Benzo(g,h,i)perylene	17.433	276	493348	49.852	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :
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PB161894BS

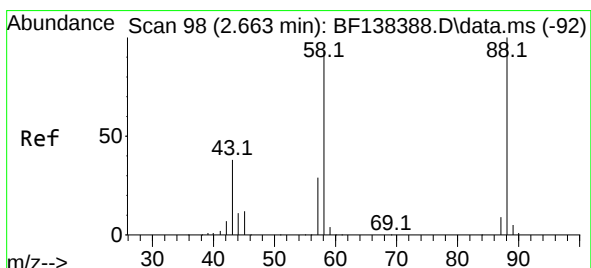
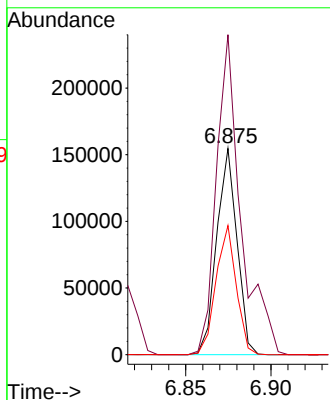
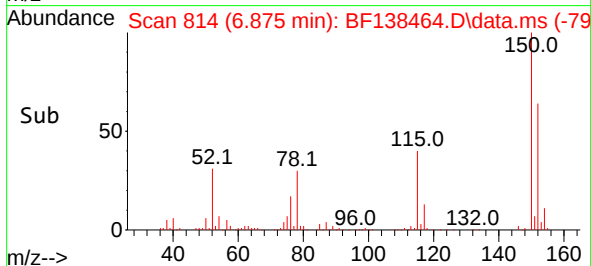


Tgt Ion:152 Resp: 12827
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 62.6 50.8 76.2

Manual Integrations
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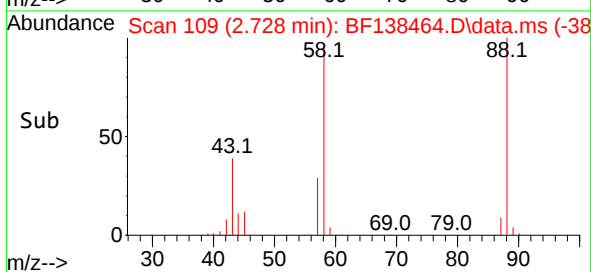
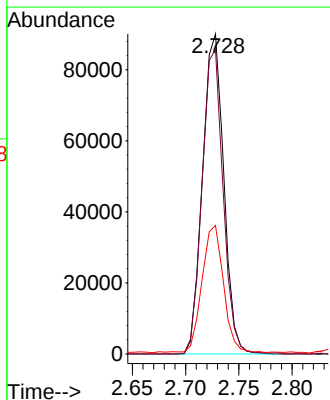
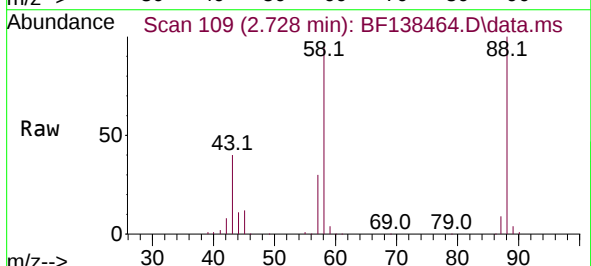
Reviewed By :Yogesh
Patel
07/08/2024

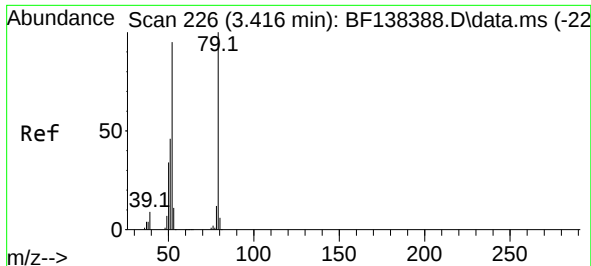
Supervised By :mohammad
ahmed
07/08/2024



#2
1,4-Dioxane
Concen: 34.188 ng
RT: 2.728 min Scan# 109
Delta R.T. 0.065 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

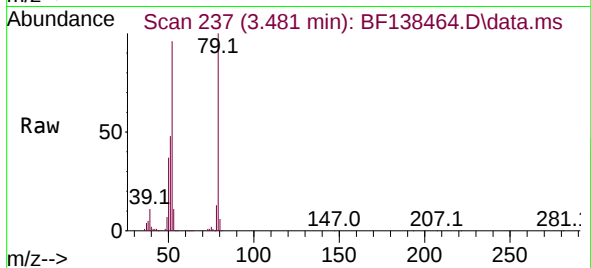
Tgt Ion: 88 Resp: 124595
Ion Ratio Lower Upper
88 100
58 94.4 73.7 110.5
43 40.7 30.1 45.1





#3
Pyridine
Concen: 35.439 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

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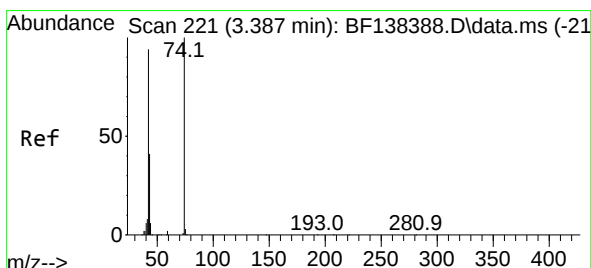
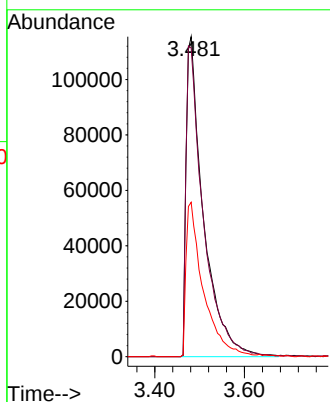
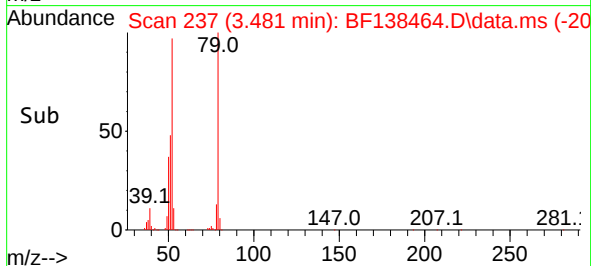


Tgt Ion: 79 Resp: 30811
Ion Ratio Lower Upper
79 100
52 96.4 76.2 114.2
51 48.2 36.7 55.1

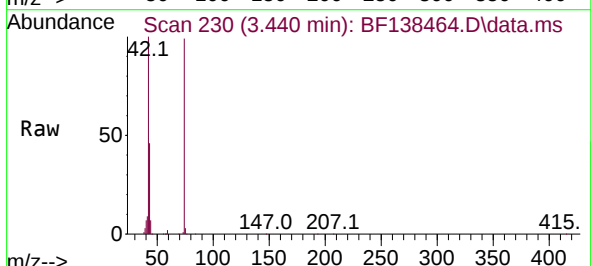
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Reviewed By :Yogesh
Patel
07/08/2024

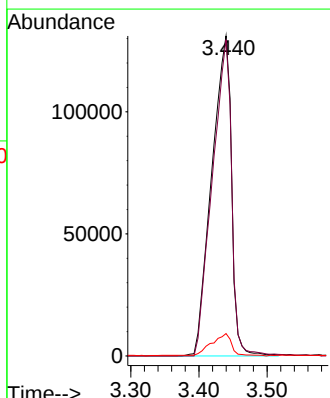
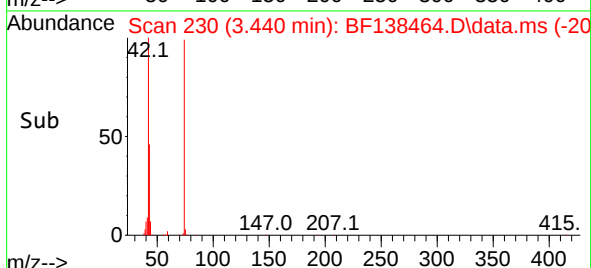
Supervised By :mohammad
ahmed
07/08/2024

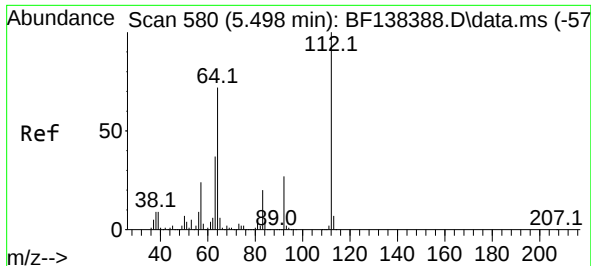


#4
n-Nitrosodimethylamine
Concen: 48.877 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.053 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53



Tgt Ion: 42 Resp: 265113
Ion Ratio Lower Upper
42 100
74 98.9 85.1 127.7
44 7.0 5.5 8.3





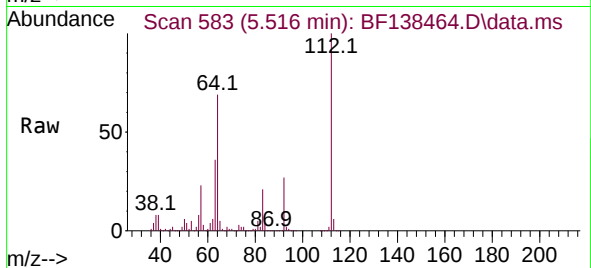
#5
2-Fluorophenol
Concen: 132.625 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:112 Resp: 1026120
Ion Ratio Lower Upper
112 100
64 68.6 57.2 85.8
63 36.3 29.4 44.0

Manual Integrations
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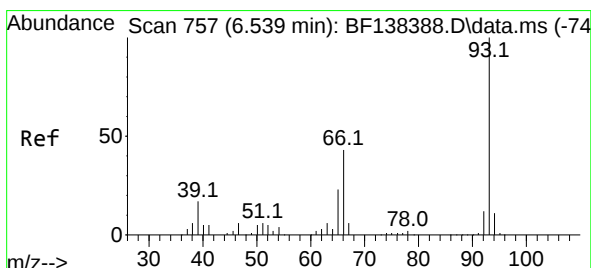
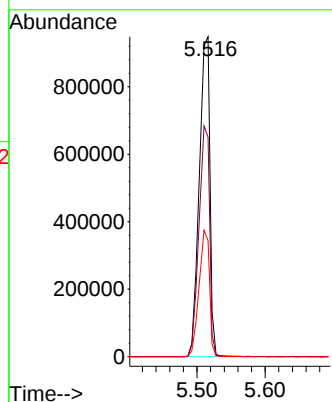
Patel

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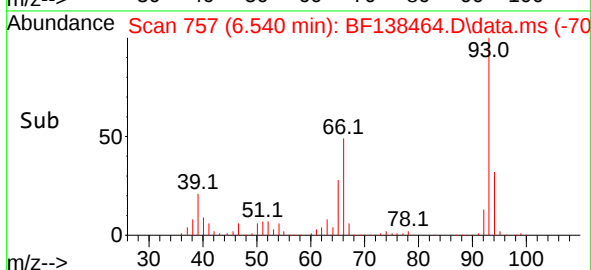
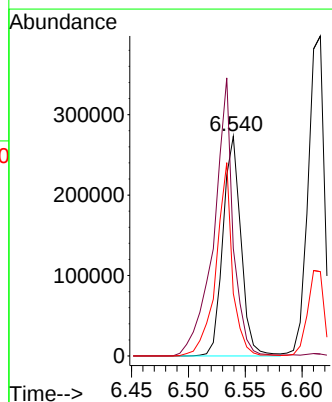
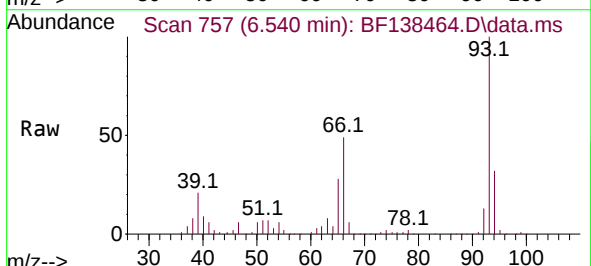
ahmed

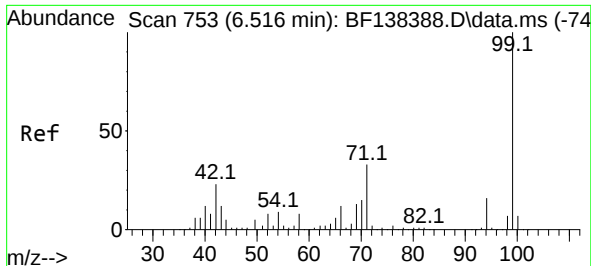
07/08/2024



#6
Aniline
Concen: 29.644 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

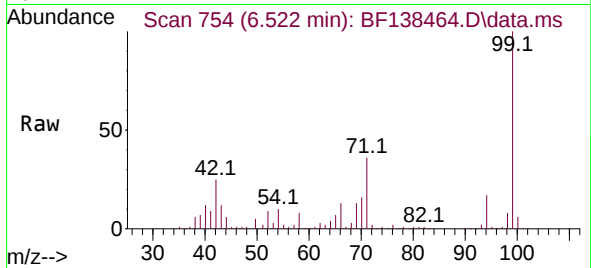
Tgt Ion: 93 Resp: 301508
Ion Ratio Lower Upper
93 100
66 48.9 34.7 52.1
65 28.5 18.5 27.7#





#7
Phenol-d6
Concen: 131.248 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :
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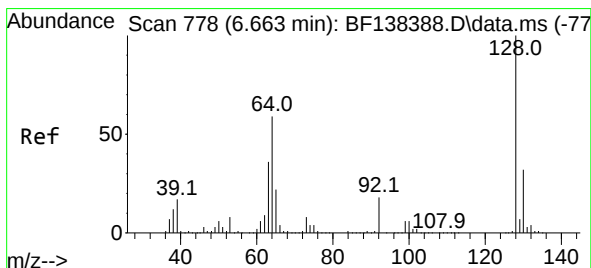
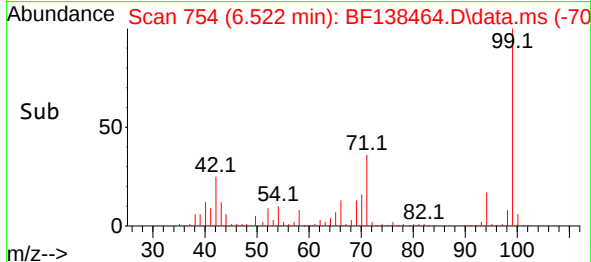
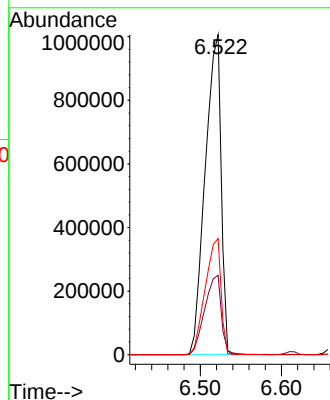


Tgt Ion: 99 Resp: 136794
Ion Ratio Lower Upper
99 100
42 24.8 18.5 27.7
71 36.3 26.1 39.1

Manual Integrations
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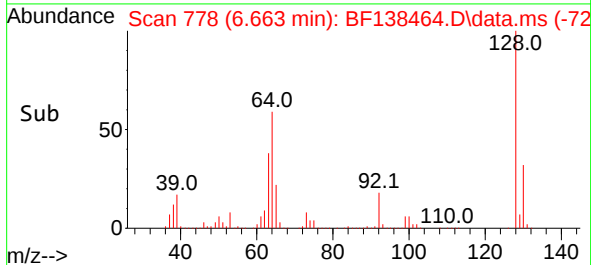
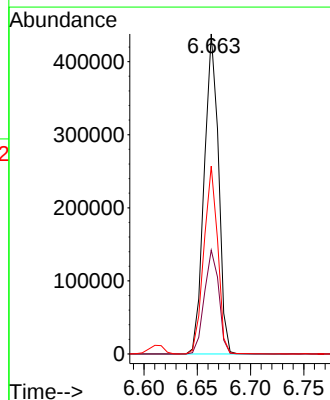
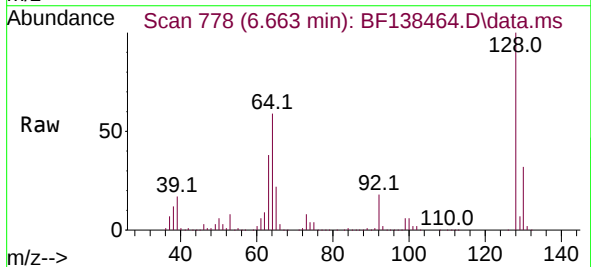
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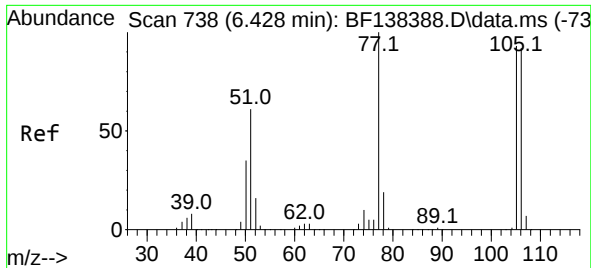
Supervised By :mohammad
ahmed
07/08/2024



#8
2-Chlorophenol
Concen: 49.352 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

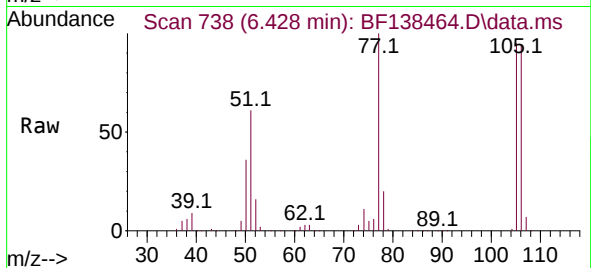
Tgt Ion:128 Resp: 409917
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 58.7 39.6 79.6





#9
Benzaldehyde
Concen: 23.996 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB161894BS

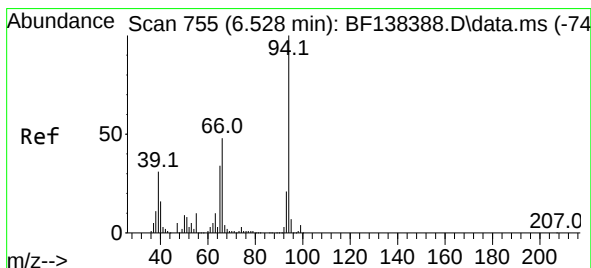
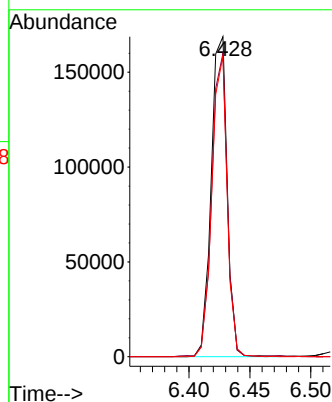


Tgt Ion: 77 Resp: 154364
Ion Ratio Lower Upper
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105 94.7 73.2 113.2
106 93.9 71.5 111.5

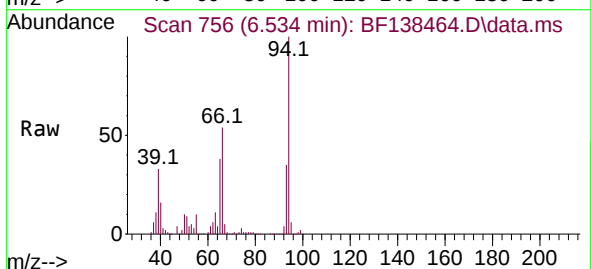
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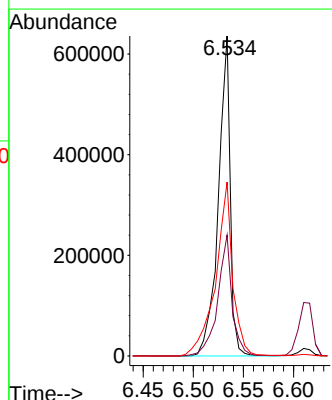
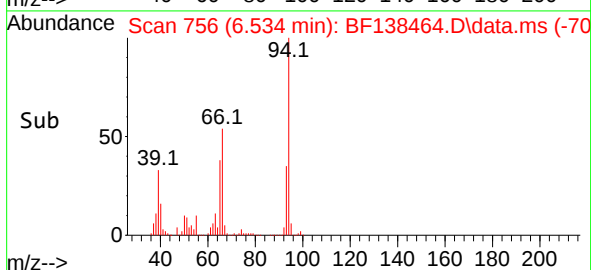
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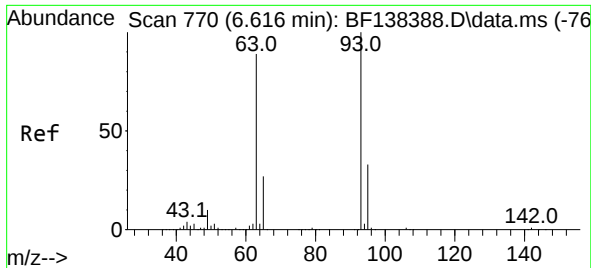


#10
Phenol
Concen: 47.145 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53



Tgt Ion: 94 Resp: 523513
Ion Ratio Lower Upper
94 100
65 37.8 14.2 54.2
66 54.4 27.9 67.9





#11
bis(2-Chloroethyl)ether
Concen: 44.798 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

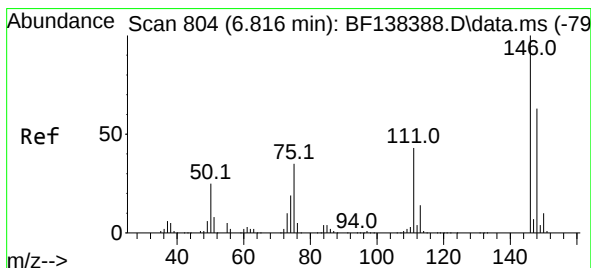
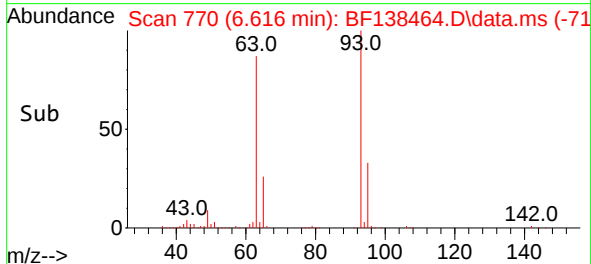
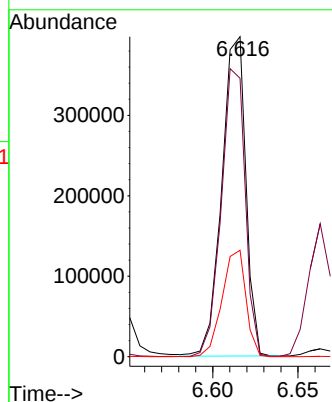
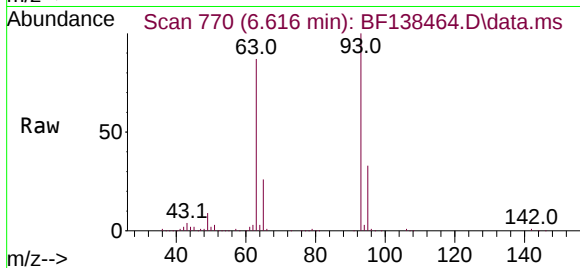
Instrument :
BNA_F
ClientSampleId :
PB161894BS

Tgt Ion: 93 Resp: 39068
Ion Ratio Lower Upper
93 100
63 87.0 68.2 108.2
95 33.3 12.4 52.4

Manual Integrations
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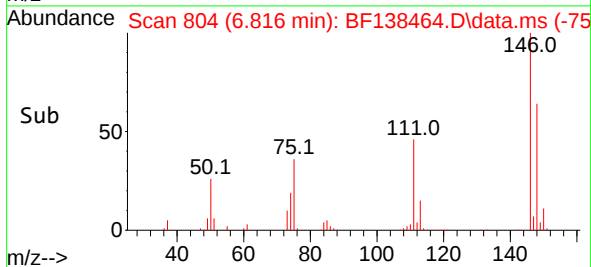
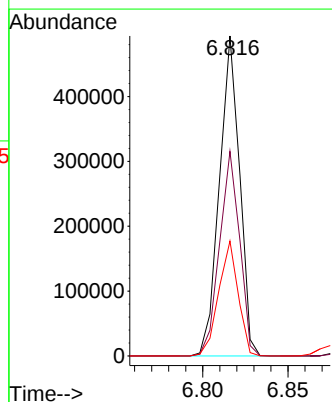
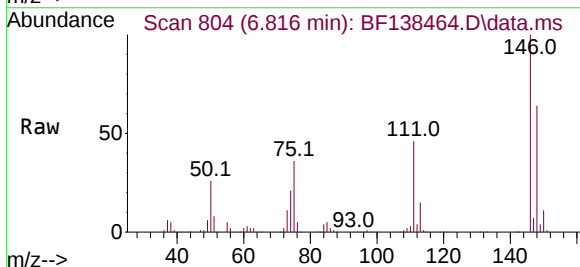
Reviewed By :Yogesh
Patel
07/08/2024

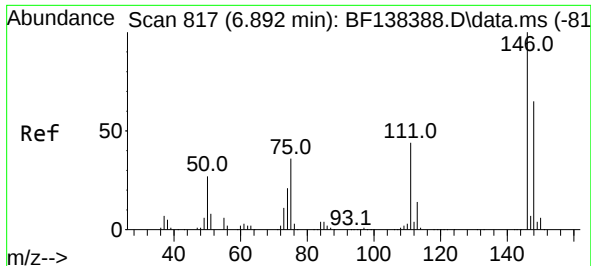
Supervised By :mohammad
ahmed
07/08/2024



#12
1,3-Dichlorobenzene
Concen: 42.636 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

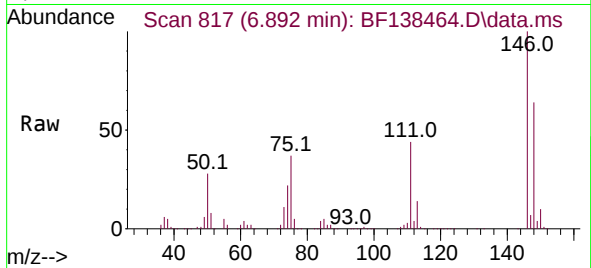
Tgt Ion:146 Resp: 405548
Ion Ratio Lower Upper
146 100
148 63.9 50.3 75.5
75 35.9 27.8 41.6





#13
1,4-Dichlorobenzene
Concen: 42.697 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB161894BS

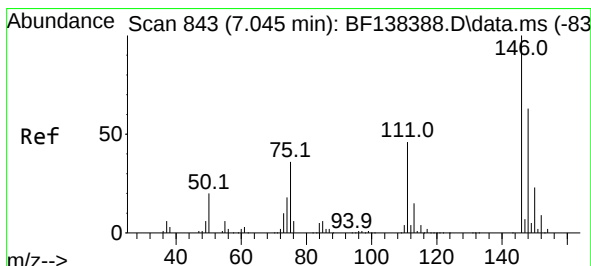
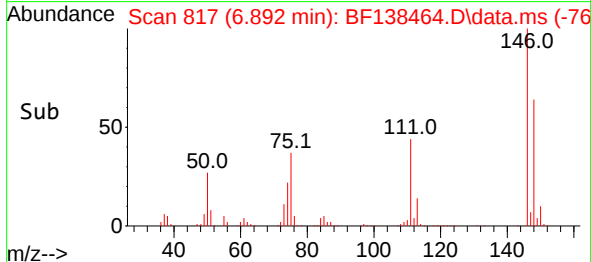
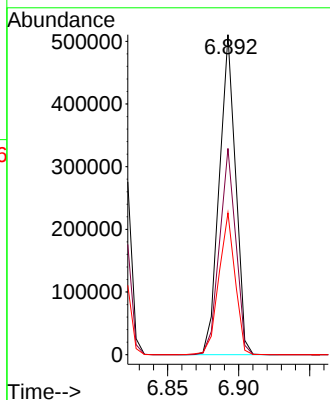


Tgt Ion:146 Resp: 407219
Ion Ratio Lower Upper
146 100
148 64.5 52.0 78.0
111 44.3 35.4 53.0

Manual Integrations
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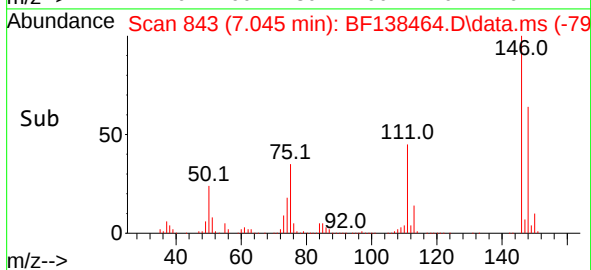
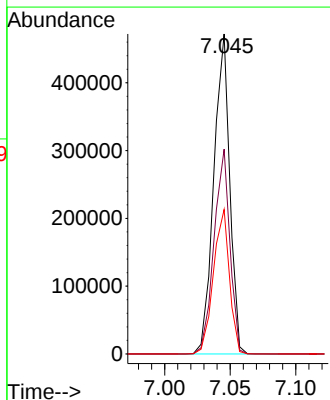
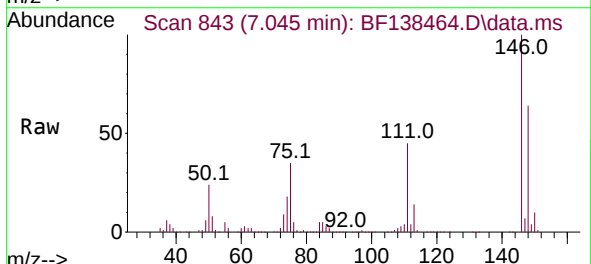
Reviewed By :Yogesh
Patel
07/08/2024

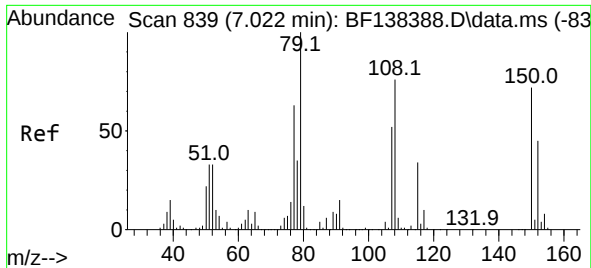
Supervised By :mohammad
ahmed
07/08/2024



#14
1,2-Dichlorobenzene
Concen: 45.242 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

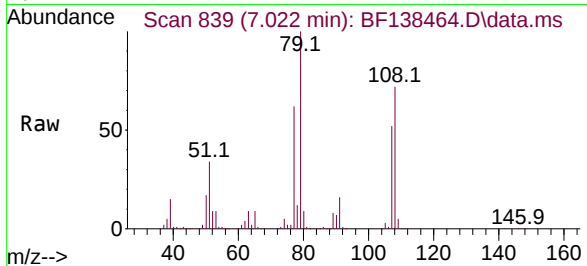
Tgt Ion:146 Resp: 398343
Ion Ratio Lower Upper
146 100
148 64.0 50.3 75.5
111 45.2 37.1 55.7





#15
Benzyl Alcohol
Concen: 52.030 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB161894BS

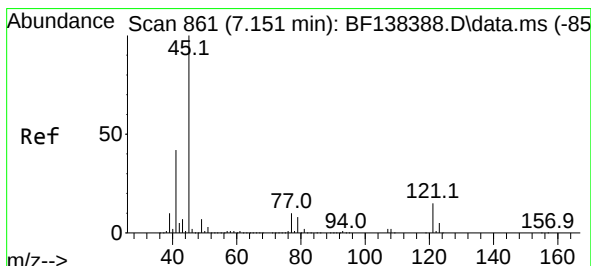
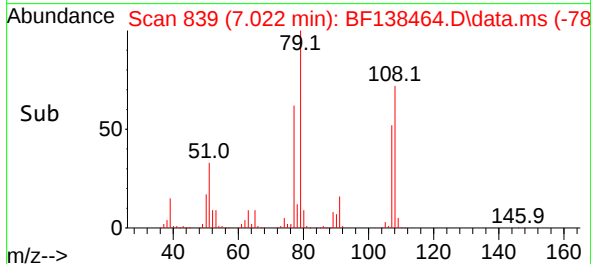
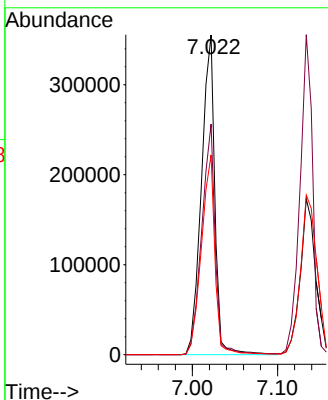


Tgt Ion: 79 Resp: 38841
Ion Ratio Lower Upper
79 100
108 72.1 60.9 91.3
77 62.5 50.6 75.8

Manual Integrations
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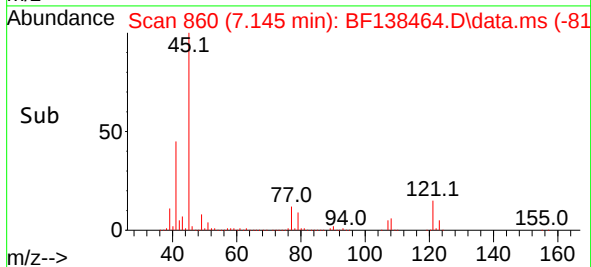
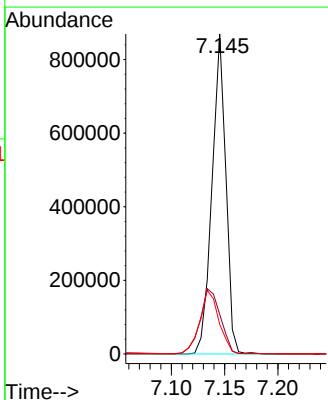
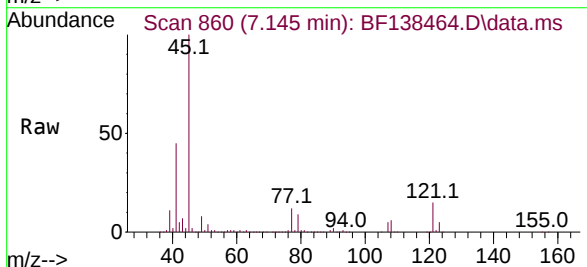
Reviewed By :Yogesh
Patel
07/08/2024

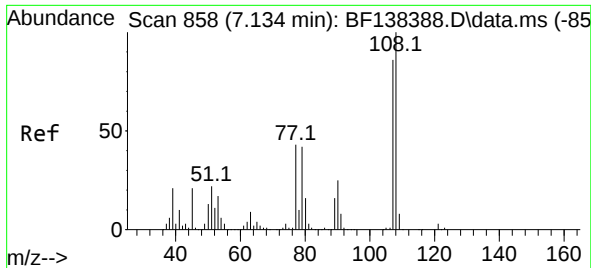
Supervised By :mohammad
ahmed
07/08/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.748 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

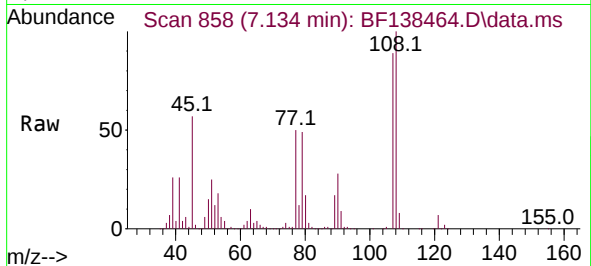
Tgt Ion: 45 Resp: 787167
Ion Ratio Lower Upper
45 100
77 12.3 0.0 30.4
79 9.2 0.0 28.1





#17
2-Methylphenol
Concen: 47.272 ng
RT: 7.134 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB161894BS

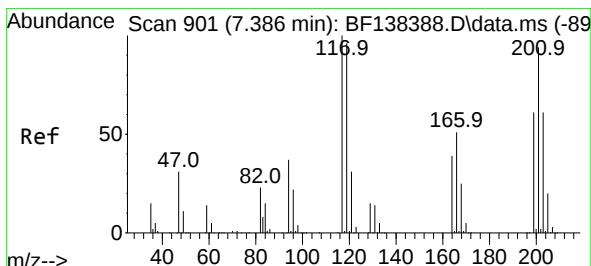
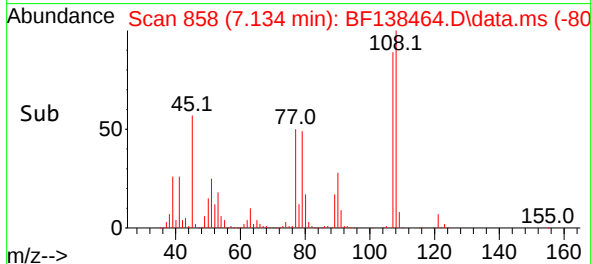
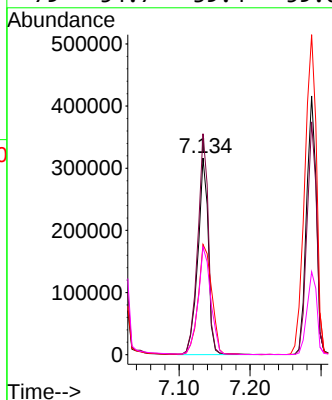


Tgt Ion:107 Resp: 325408
Ion Ratio Lower Upper
107 100
108 112.3 92.6 138.8
77 56.1 40.3 60.5
79 54.7 39.4 59.0

Manual Integrations
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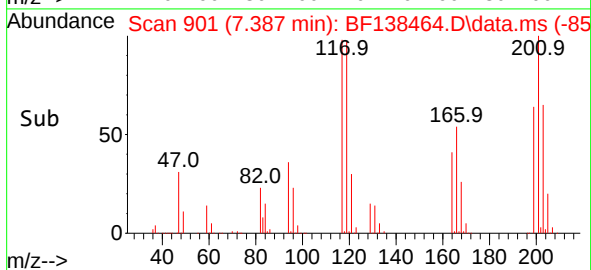
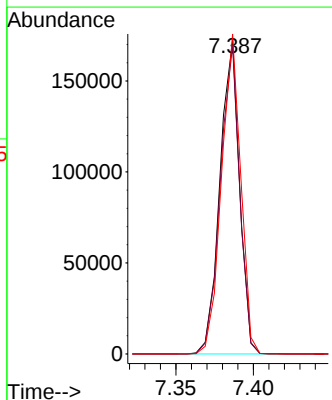
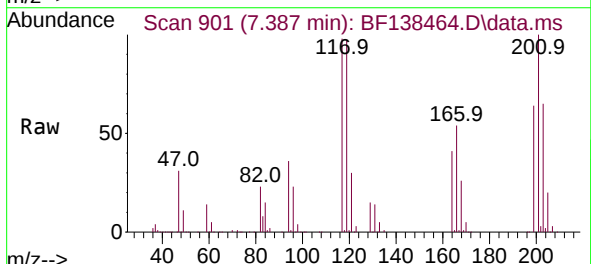
Reviewed By :Yogesh
Patel
07/08/2024

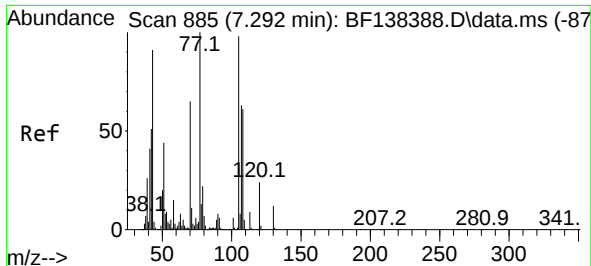
Supervised By :mohammad
ahmed
07/08/2024



#18
Hexachloroethane
Concen: 43.963 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Tgt Ion:117 Resp: 151237
Ion Ratio Lower Upper
117 100
119 98.5 77.1 115.7
201 102.1 75.6 113.4





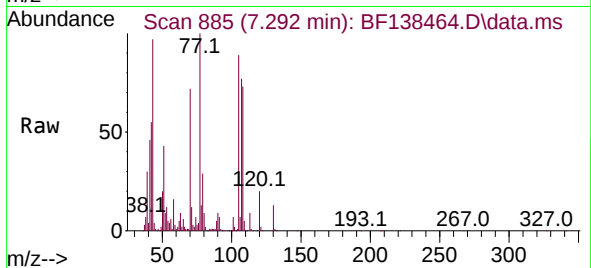
#19
n-Nitroso-di-n-propylamine
Concen: 45.438 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion: 70 Resp: 29855
Ion Ratio Lower Upper
70 100
42 76.6 62.5 93.7
101 9.7 7.0 10.4
130 18.7 15.2 22.8

Manual Integrations
APPROVED

Reviewed By :Yogesh

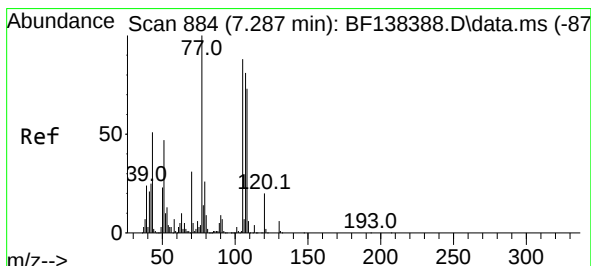
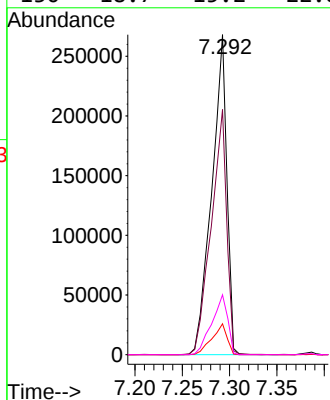
Patel

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Supervised By :mohammad

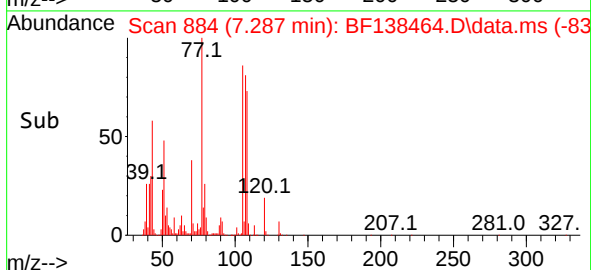
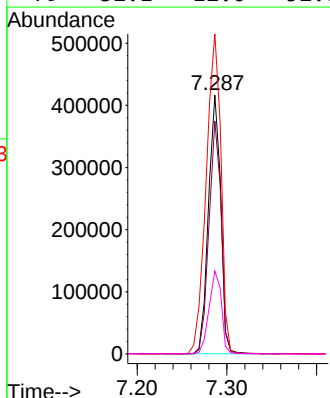
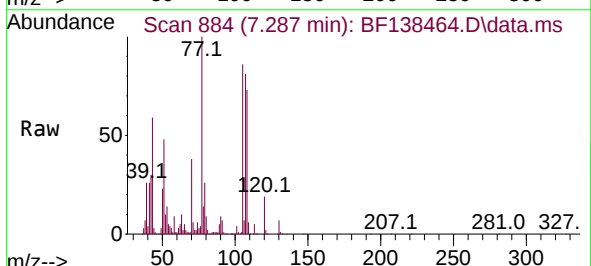
ahmed

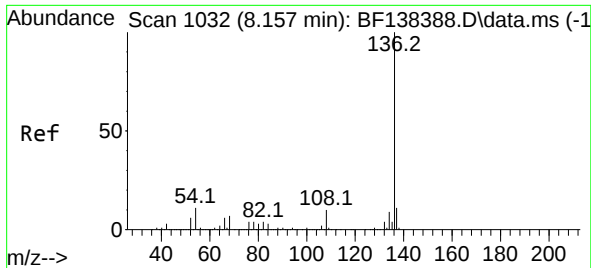
07/08/2024



#20
3+4-Methylphenols
Concen: 49.491 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Tgt Ion:107 Resp: 395845
Ion Ratio Lower Upper
107 100
108 90.0 70.8 110.8
77 123.7 104.0 144.0
79 32.1 12.0 52.0





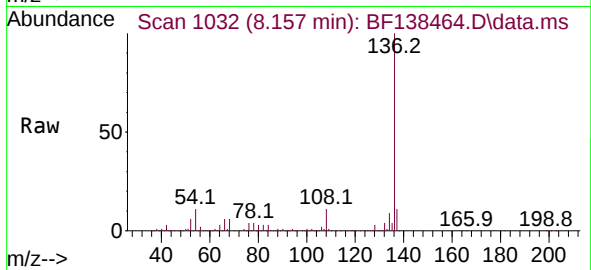
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion:136 Resp: 527419
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.2 9.0 13.4
68 6.4 5.4 8.0

Manual Integrations
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Reviewed By :Yogesh

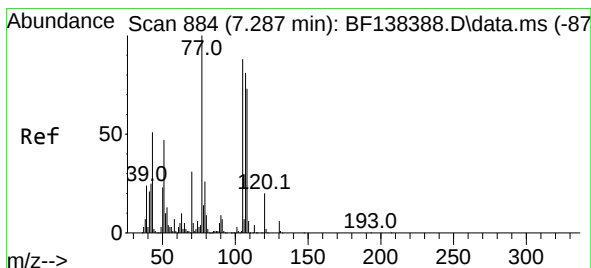
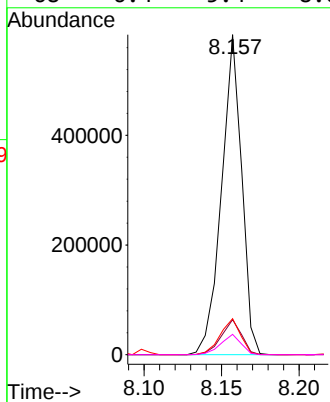
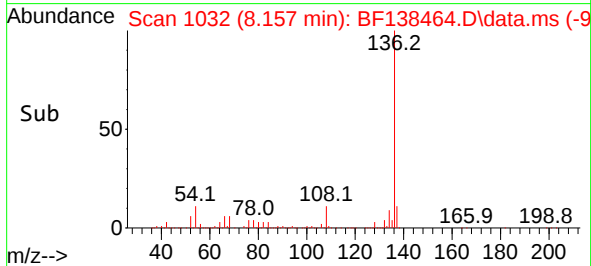
Patel

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Supervised By :mohammad

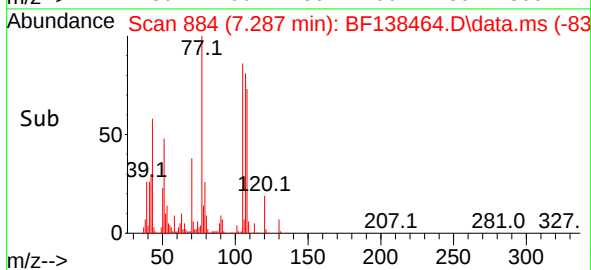
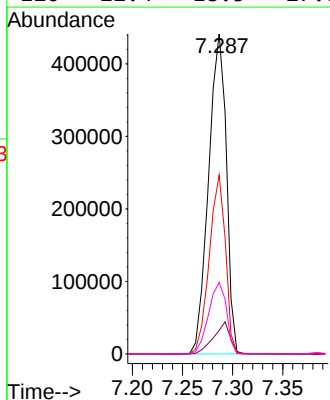
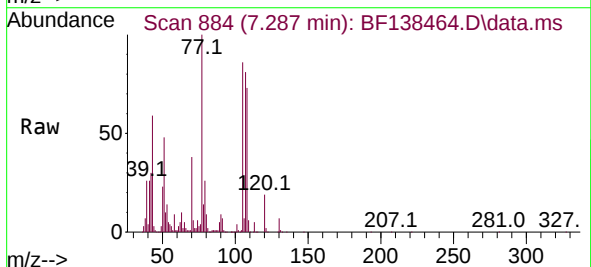
ahmed

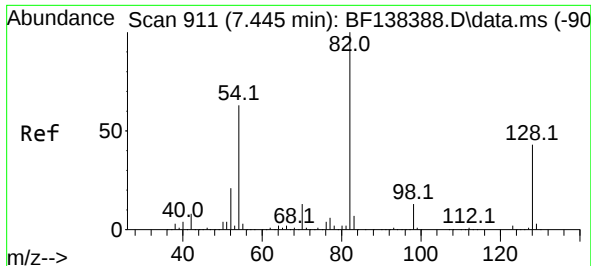
07/08/2024



#22
Acetophenone
Concen: 45.487 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Tgt Ion:105 Resp: 544261
Ion Ratio Lower Upper
105 100
71 7.4 4.7 7.1#
51 55.9 43.2 64.8
120 22.4 18.5 27.7





#23

Nitrobenzene-d5

Concen: 88.855 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF138464.D

Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS

Tgt Ion: 82 Resp: 902130

Ion Ratio Lower Upper

82 100

128 43.4 34.6 52.0

54 63.8 50.5 75.7

Manual Integrations

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Reviewed By :Yogesh

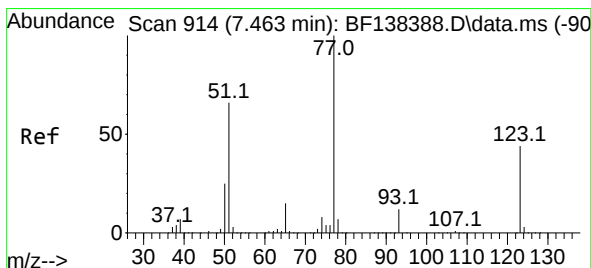
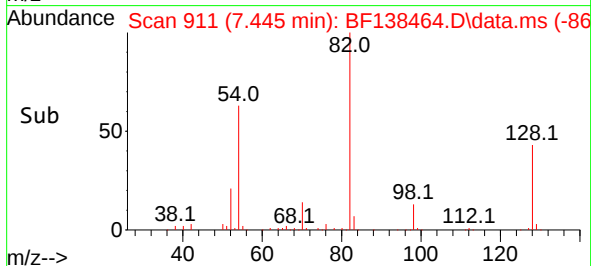
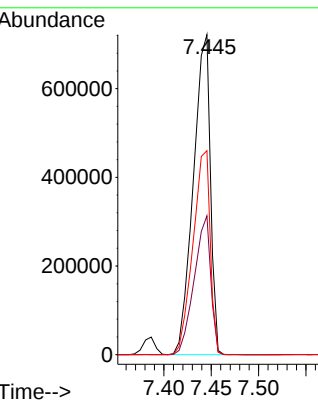
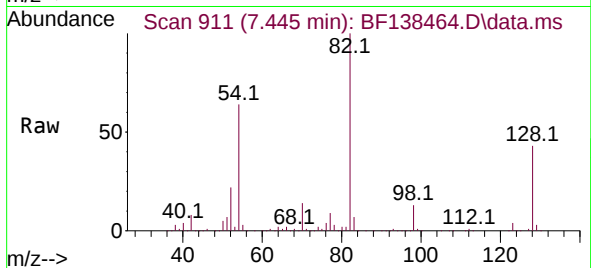
Patel

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Supervised By :mohammad

ahmed

07/08/2024



#24

Nitrobenzene

Concen: 44.959 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF138464.D

Acq: 05 Jul 2024 12:53

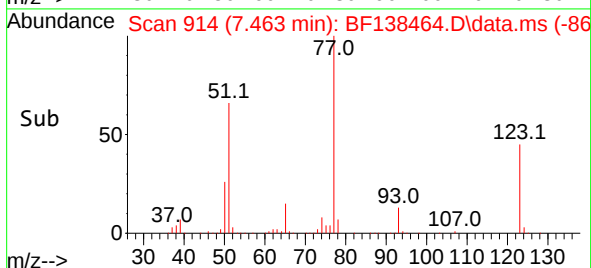
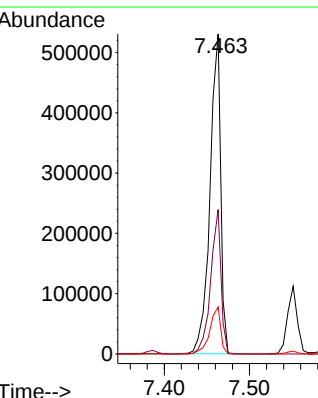
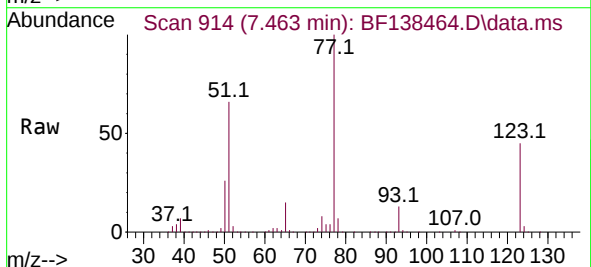
Tgt Ion: 77 Resp: 464270

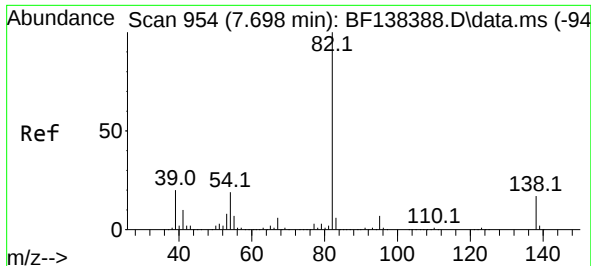
Ion Ratio Lower Upper

77 100

123 45.2 35.0 52.6

65 14.7 12.1 18.1





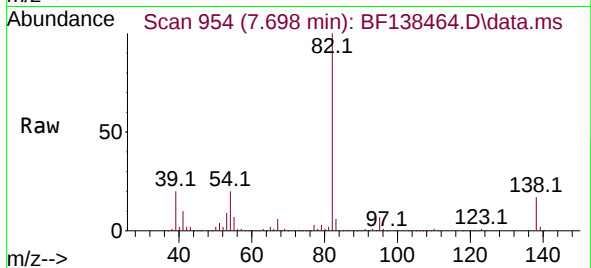
#25
Isophorone
Concen: 44.732 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion: 82 Resp: 837418
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 17.2 13.4 20.2

Manual Integrations
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Reviewed By :Yogesh

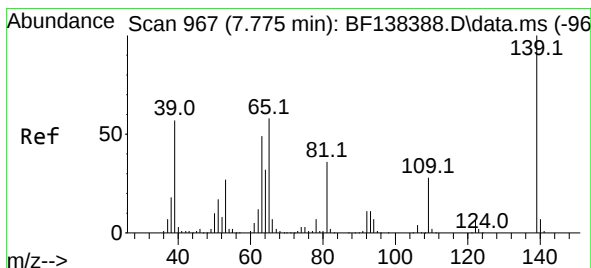
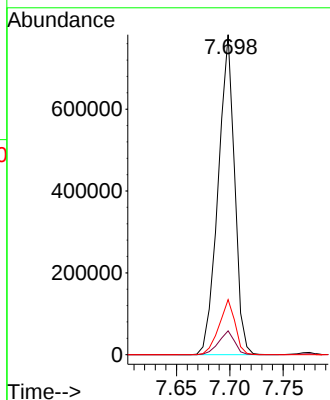
Patel

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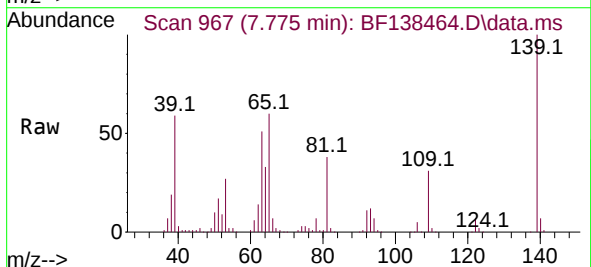
Supervised By :mohammad

ahmed

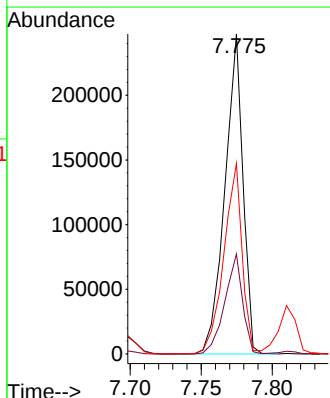
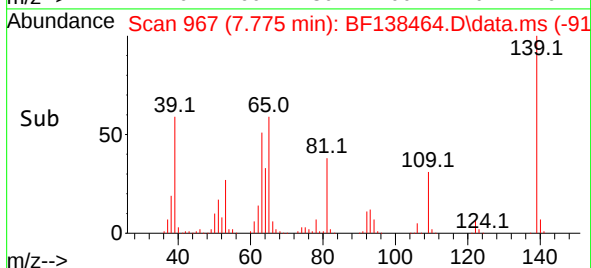
07/08/2024

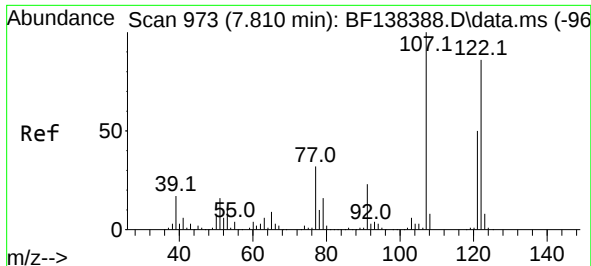


#26
2-Nitrophenol
Concen: 49.232 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53



Tgt Ion:139 Resp: 219290
Ion Ratio Lower Upper
139 100
109 31.2 22.5 33.7
65 59.6 46.2 69.2





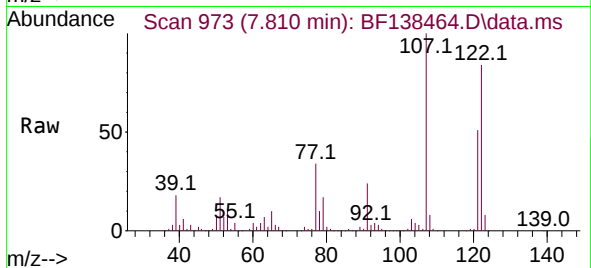
#27
2,4-Dimethylphenol
Concen: 50.725 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion:122 Resp: 289169
Ion Ratio Lower Upper
122 100
107 119.4 92.5 138.7
121 60.5 46.5 69.7

Manual Integrations
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Reviewed By :Yogesh

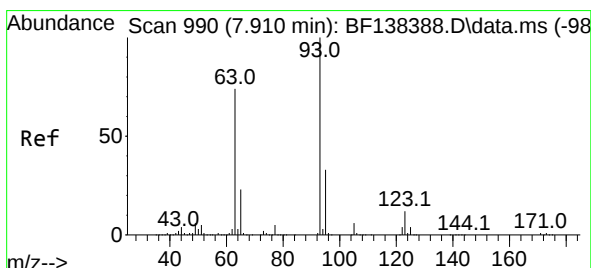
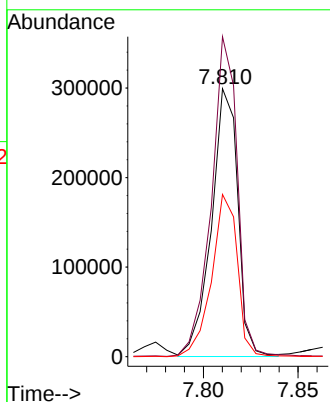
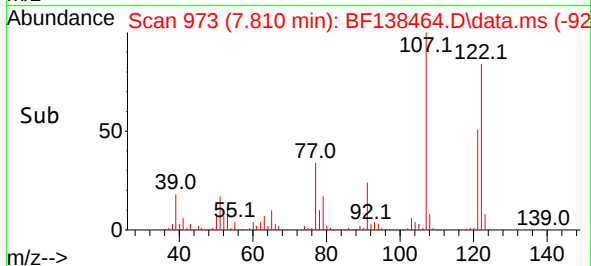
Patel

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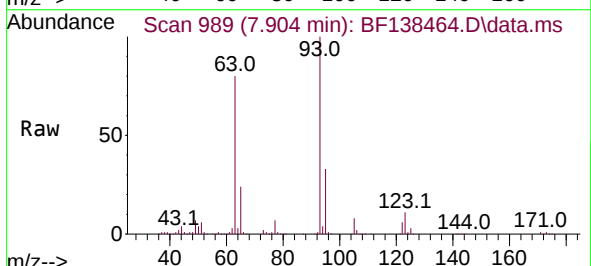
Supervised By :mohammad

ahmed

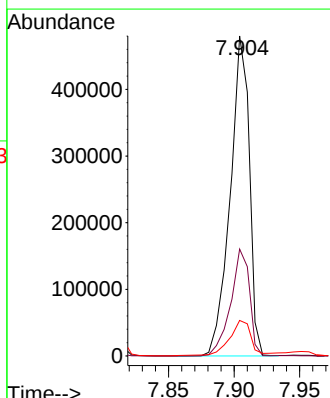
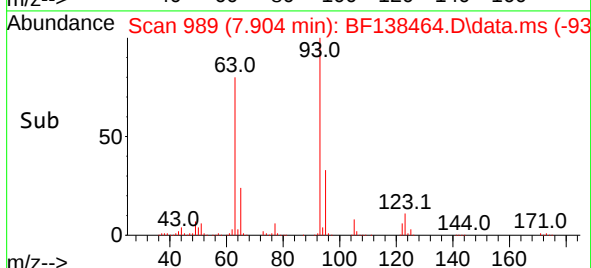
07/08/2024

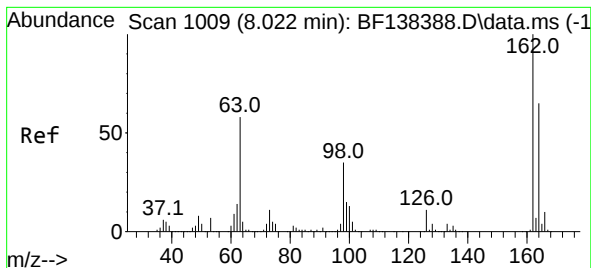


#28
bis(2-Chloroethoxy)methane
Concen: 43.329 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53



Tgt Ion: 93 Resp: 488254
Ion Ratio Lower Upper
93 100
95 33.4 26.6 40.0
123 11.1 9.6 14.4





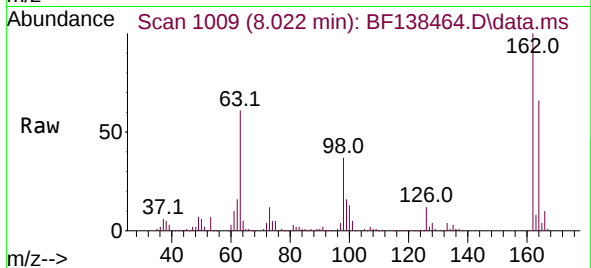
#29
2,4-Dichlorophenol
Concen: 46.524 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion:162 Resp: 340638
Ion Ratio Lower Upper
162 100
164 66.0 45.4 85.4
98 37.3 15.2 55.2

Manual Integrations

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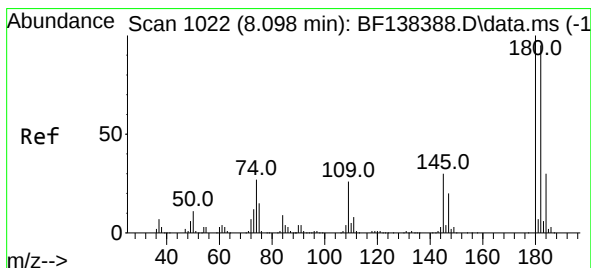
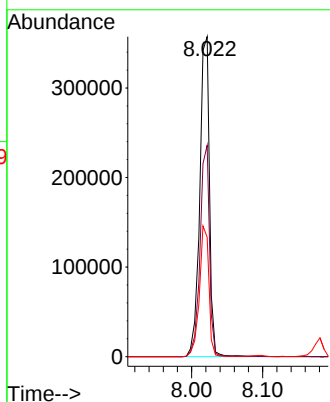
Patel

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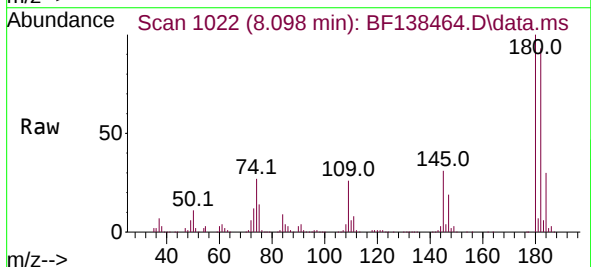
Supervised By :mohammad

ahmed

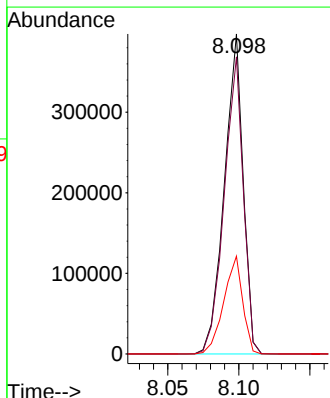
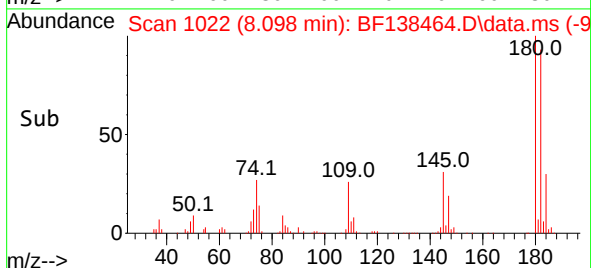
07/08/2024

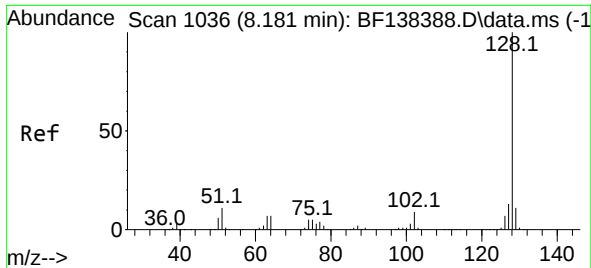


#30
1,2,4-Trichlorobenzene
Concen: 42.850 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53



Tgt Ion:180 Resp: 364787
Ion Ratio Lower Upper
180 100
182 92.8 76.0 114.0
145 30.6 24.2 36.2





#31
Naphthalene
Concen: 43.960 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS

Tgt Ion:128 Resp: 1172095
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 10.6 16.0

Manual Integrations
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Reviewed By :Yogesh

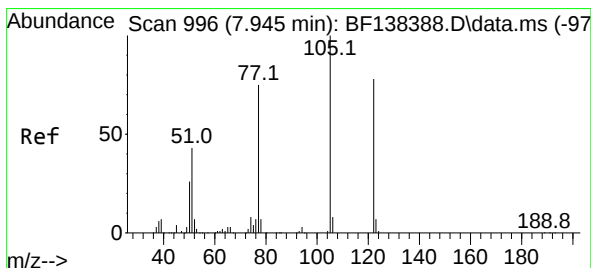
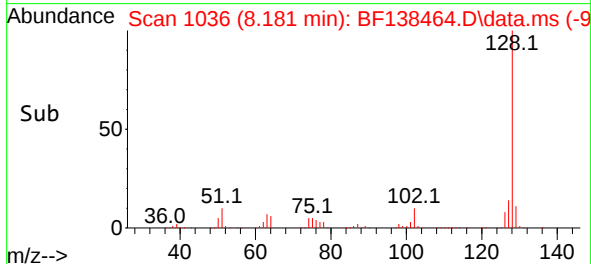
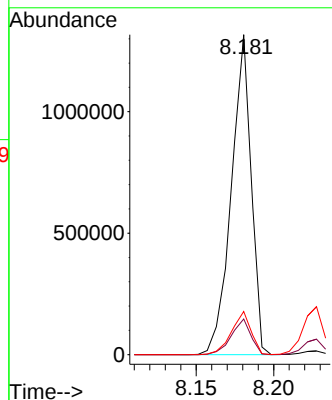
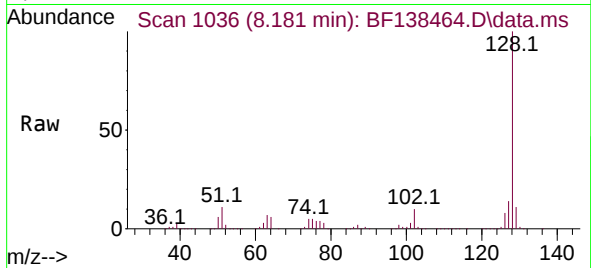
Patel

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Supervised By :mohammad

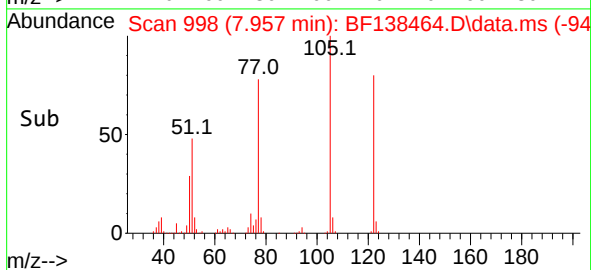
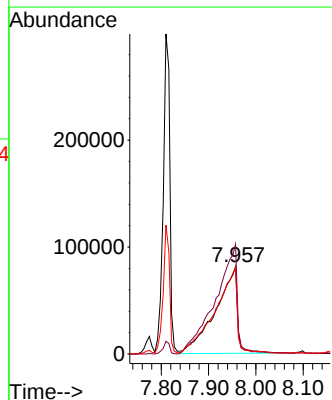
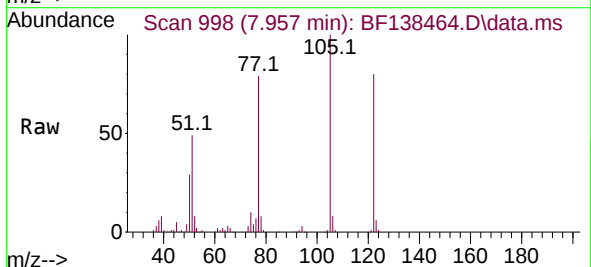
ahmed

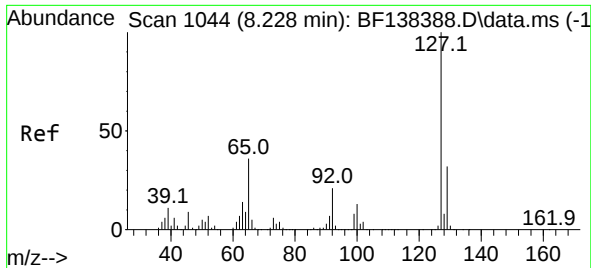
07/08/2024



#32
Benzoic acid
Concen: 49.639 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.012 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Tgt Ion:122 Resp: 259444
Ion Ratio Lower Upper
122 100
105 125.6 103.8 143.8
77 98.9 74.3 114.3





#33
4-Chloroaniline
Concen: 21.368 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS

Tgt Ion:127 Resp: 198978
Ion Ratio Lower Upper
127 100
129 32.3 25.4 38.2
65 33.6 28.7 43.1
92 20.0 16.7 25.1

Manual Integrations
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Reviewed By :Yogesh

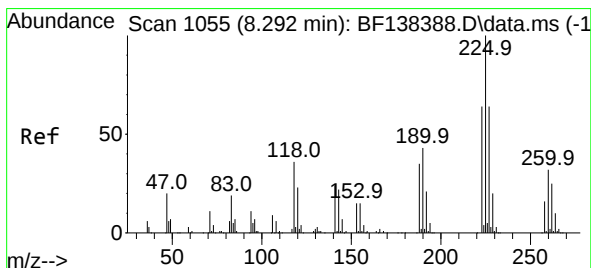
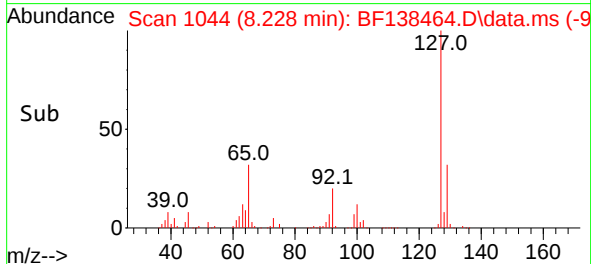
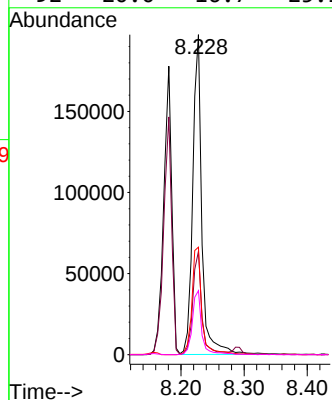
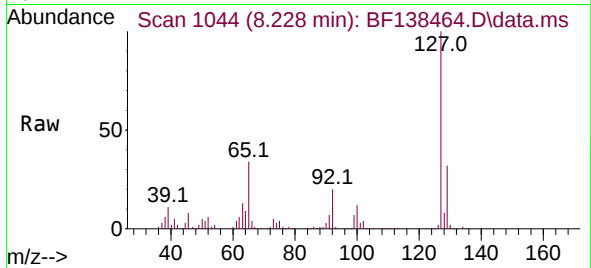
Patel

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Supervised By :mohammad

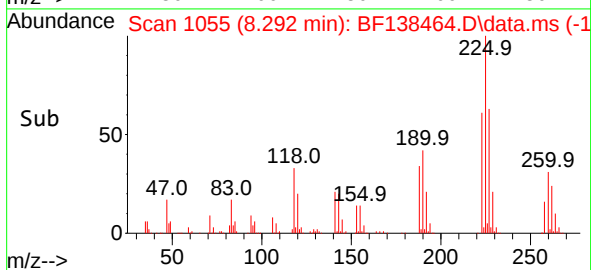
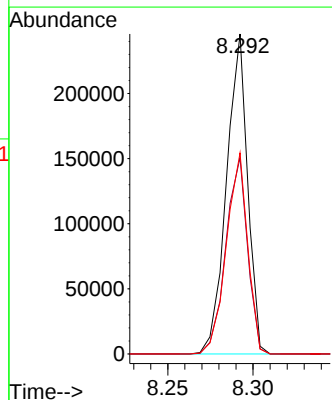
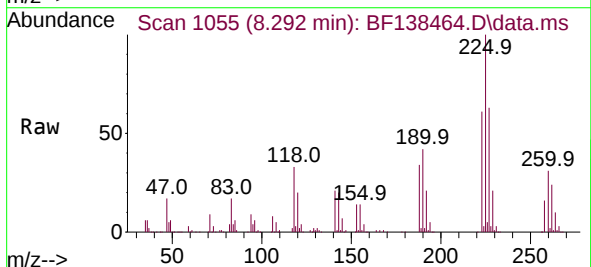
ahmed

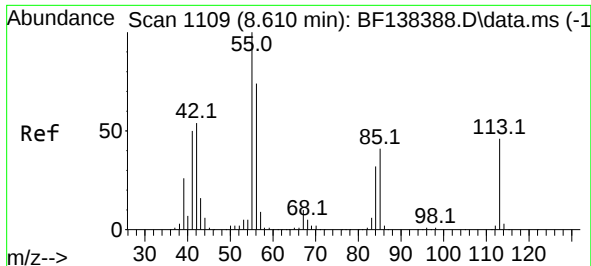
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#34
Hexachlorobutadiene
Concen: 41.470 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

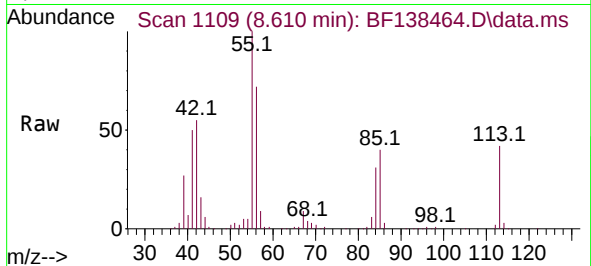
Tgt Ion:225 Resp: 211962
Ion Ratio Lower Upper
225 100
223 61.4 51.0 76.6
227 62.9 51.2 76.8





#35
Caprolactam
Concen: 50.702 ng m
RT: 8.610 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB161894BS

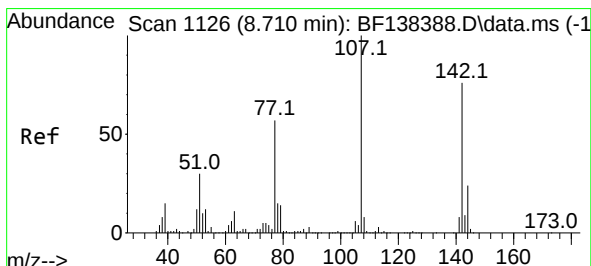
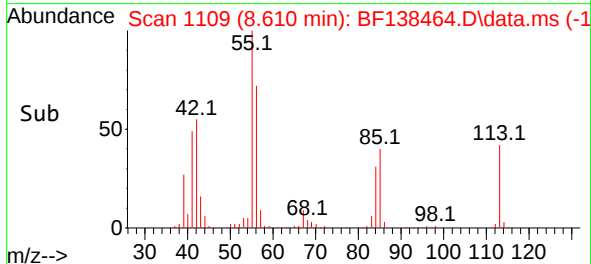
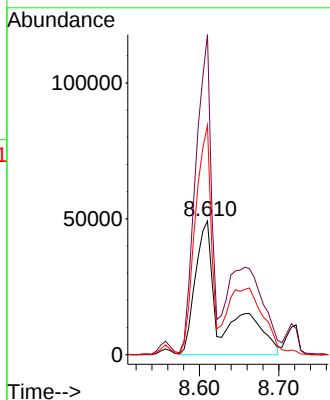


Tgt Ion:113 Resp: 117220
Ion Ratio Lower Upper
113 100
55 239.2 195.9 235.9
56 171.3 138.7 178.7

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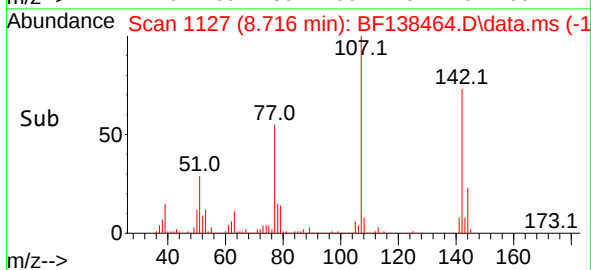
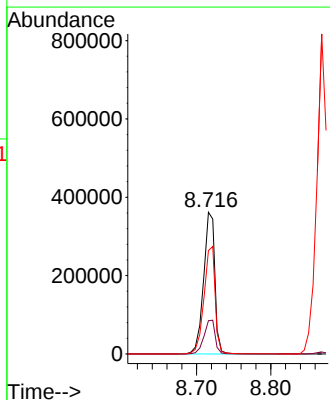
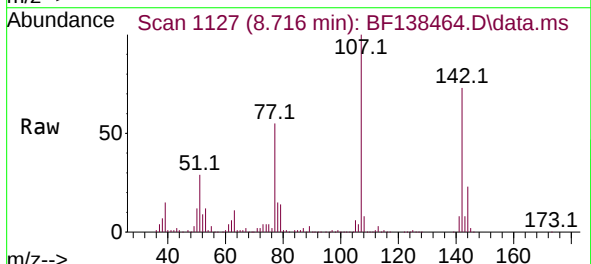
Reviewed By :Yogesh
Patel
07/08/2024

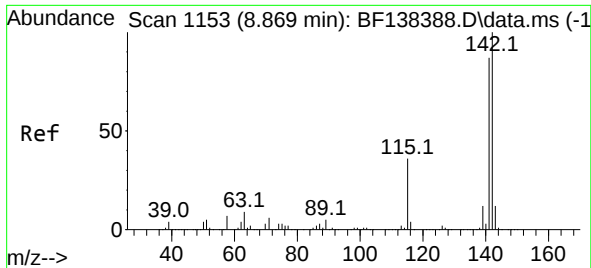
Supervised By :mohammad
ahmed
07/08/2024



#36
4-Chloro-3-methylphenol
Concen: 49.190 ng
RT: 8.716 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Tgt Ion:107 Resp: 383626
Ion Ratio Lower Upper
107 100
144 23.4 19.2 28.8
142 73.0 61.0 91.6





#37
2-Methylnaphthalene
Concen: 44.065 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

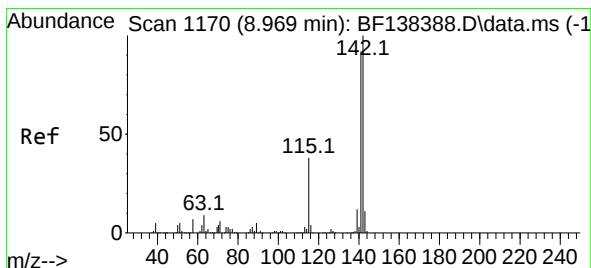
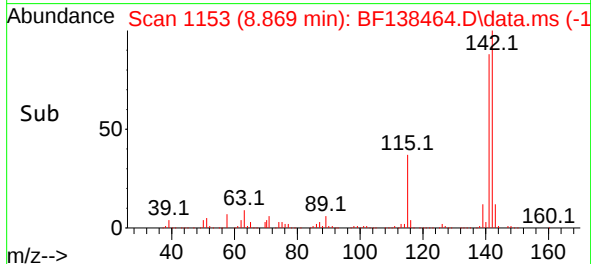
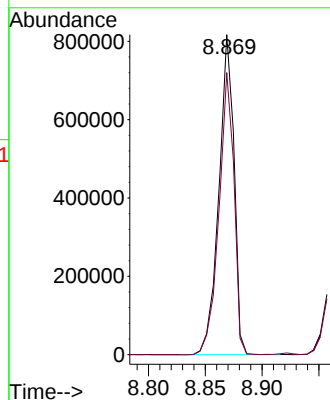
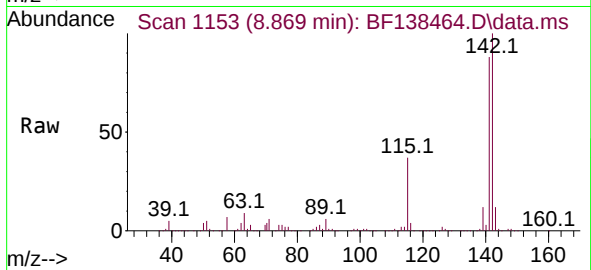
PB161894BS

Tgt Ion:142 Resp: 759329
Ion Ratio Lower Upper
142 100
141 88.1 69.6 104.4

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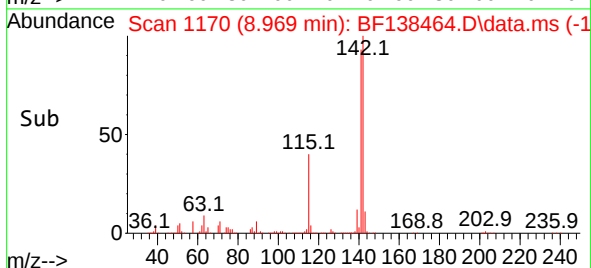
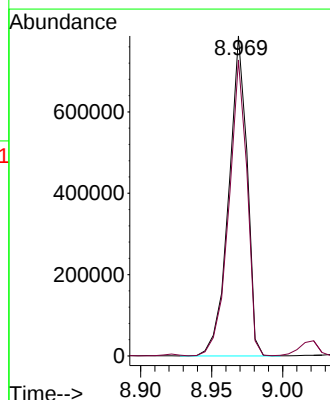
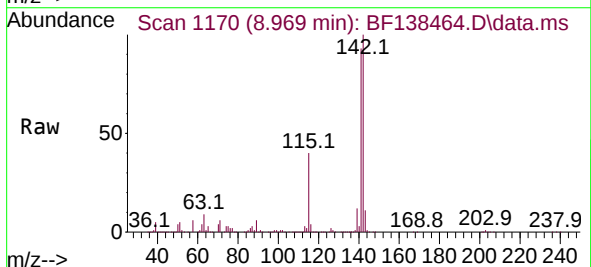
Reviewed By :Yogesh
Patel
07/08/2024

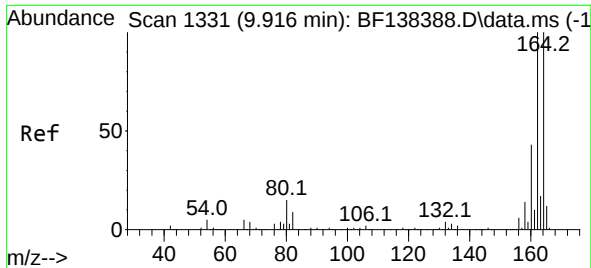
Supervised By :mohammad
ahmed
07/08/2024



#38
1-Methylnaphthalene
Concen: 42.207 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Tgt Ion:142 Resp: 705359
Ion Ratio Lower Upper
142 100
141 92.5 73.7 110.5





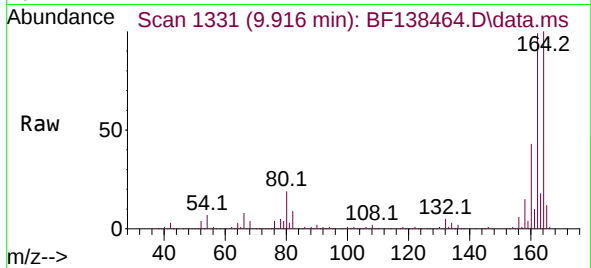
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11331
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion:164 Resp: 296612
Ion Ratio Lower Upper
164 100
162 98.9 80.1 120.1
160 43.3 34.1 51.1

Manual Integrations

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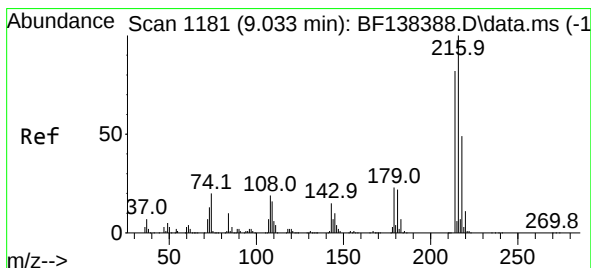
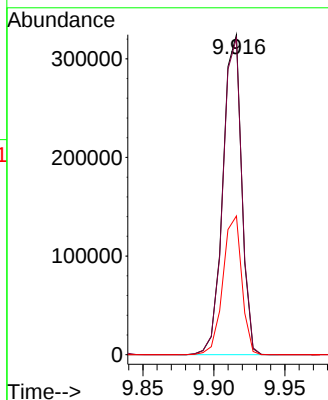
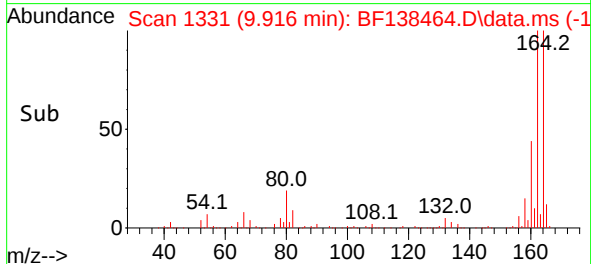
Patel

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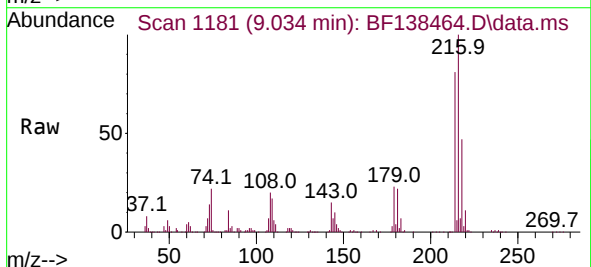
Supervised By :mohammad

ahmed

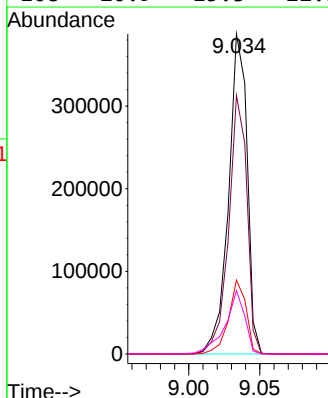
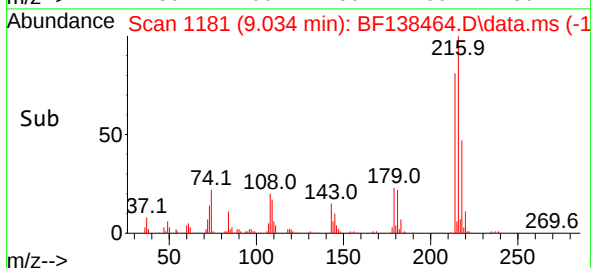
07/08/2024

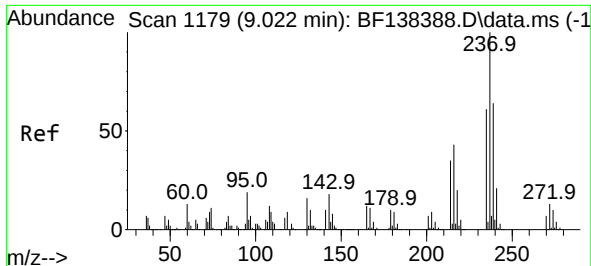


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.015 ng
RT: 9.034 min Scan# 1181
Delta R.T. 0.001 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53



Tgt Ion:216 Resp: 352912
Ion Ratio Lower Upper
216 100
214 78.9 64.2 96.4
179 21.8 17.4 26.0
108 20.9 15.3 22.9





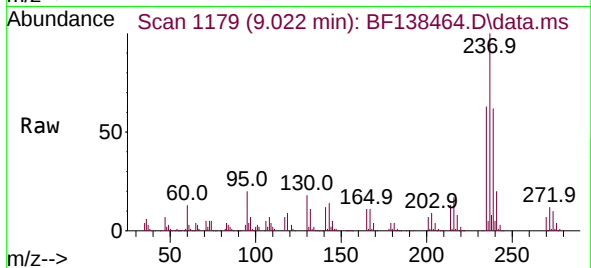
#41
Hexachlorocyclopentadiene
Concen: 114.477 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion:237 Resp: 276458
Ion Ratio Lower Upper
237 100
235 62.6 41.4 81.4
272 12.5 0.0 33.1

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Reviewed By :Yogesh

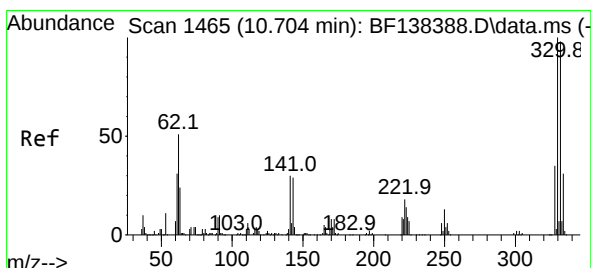
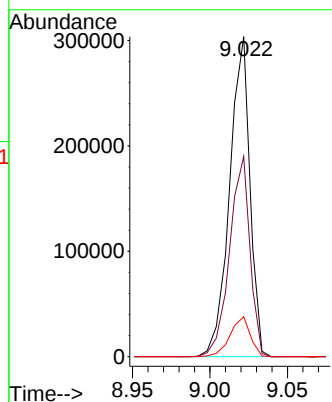
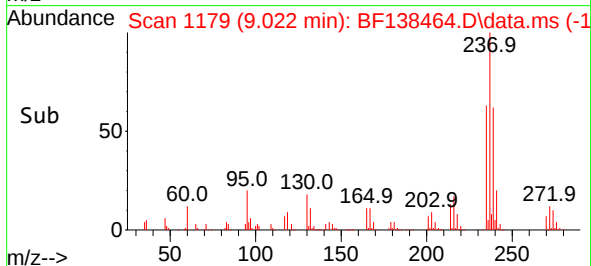
Patel

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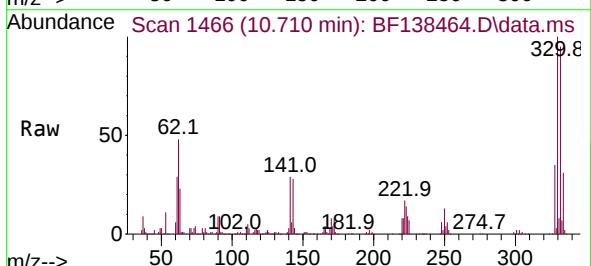
Supervised By :mohammad

ahmed

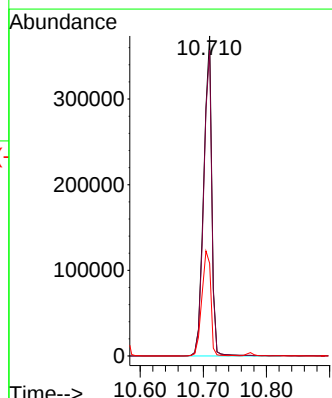
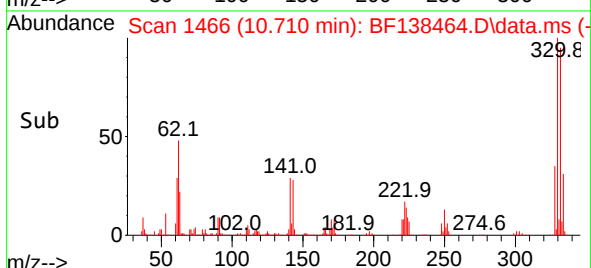
07/08/2024

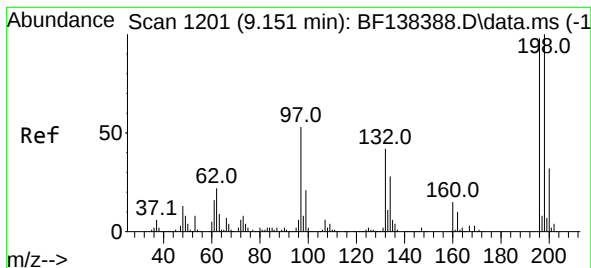


#42
2,4,6-Tribromophenol
Concen: 136.070 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53



Tgt Ion:330 Resp: 329746
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 36.5 28.1 42.1





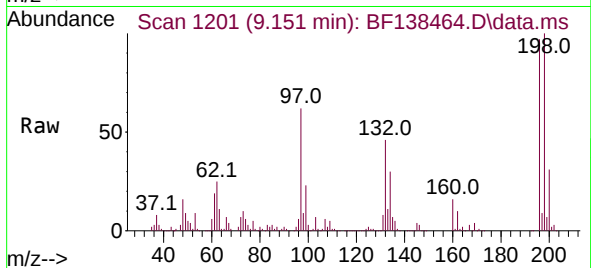
#43
2,4,6-Trichlorophenol
Concen: 45.158 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion:196 Resp: 235750
Ion Ratio Lower Upper
196 100
198 102.6 81.8 122.8
200 32.1 26.2 39.4

Manual Integrations

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Reviewed By :Yogesh

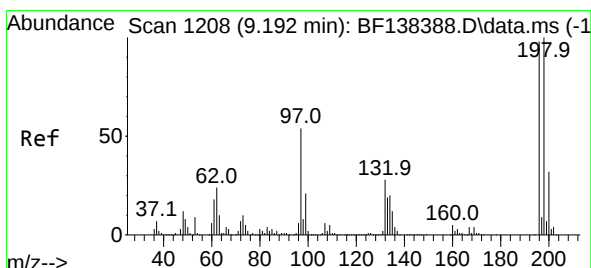
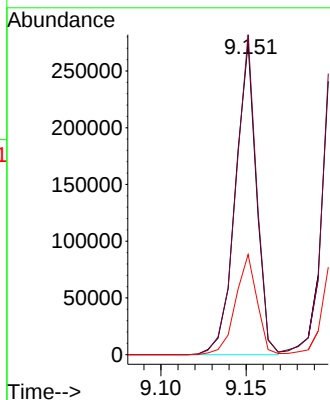
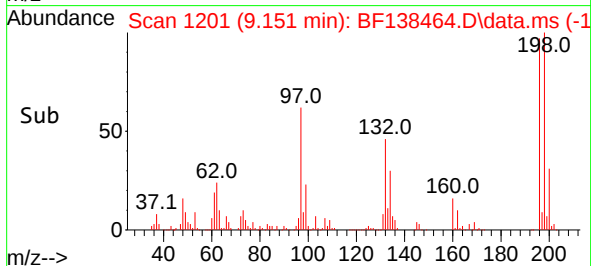
Patel

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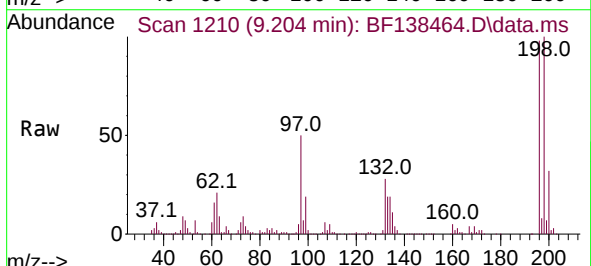
Supervised By :mohammad

ahmed

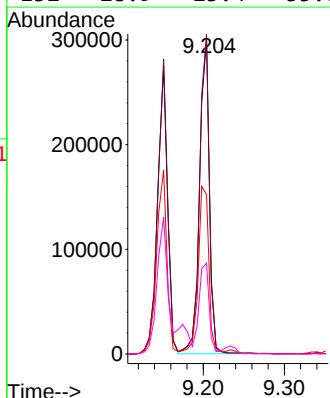
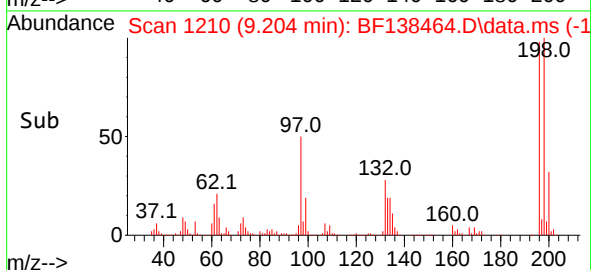
07/08/2024

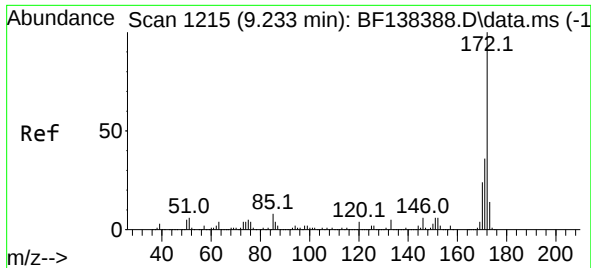


#44
2,4,5-Trichlorophenol
Concen: 44.594 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.012 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53



Tgt Ion:196 Resp: 253185
Ion Ratio Lower Upper
196 100
198 101.9 81.8 122.6
97 50.7 44.2 66.4
132 28.9 23.4 35.0





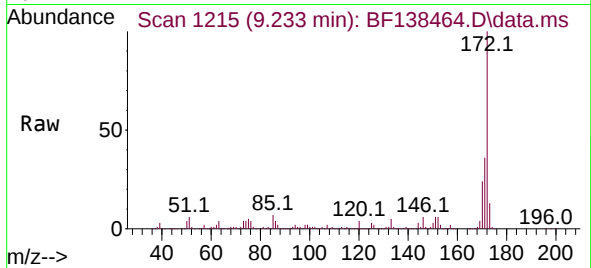
#45
2-Fluorobiphenyl
Concen: 81.210 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion:172 Resp: 1513570
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 23.5 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh

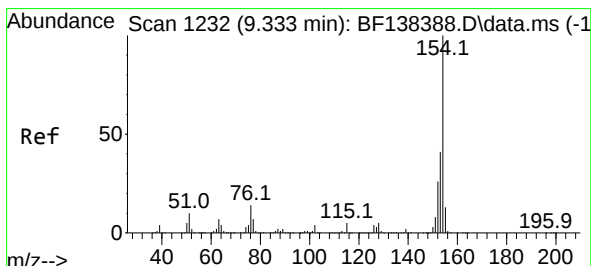
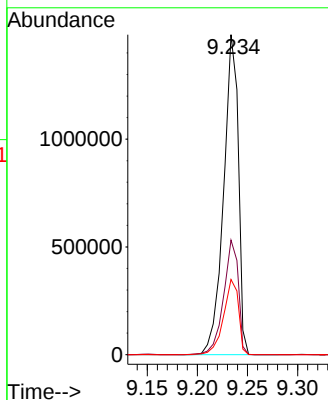
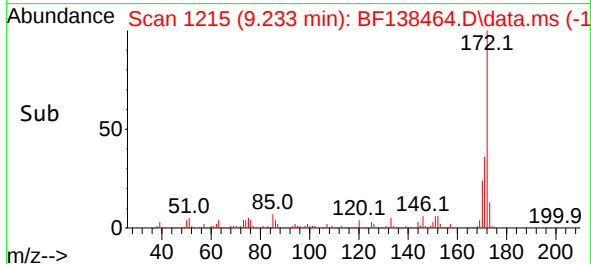
Patel

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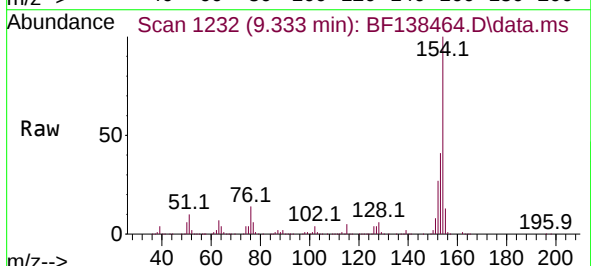
Supervised By :mohammad

ahmed

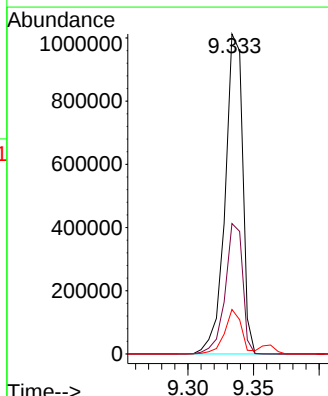
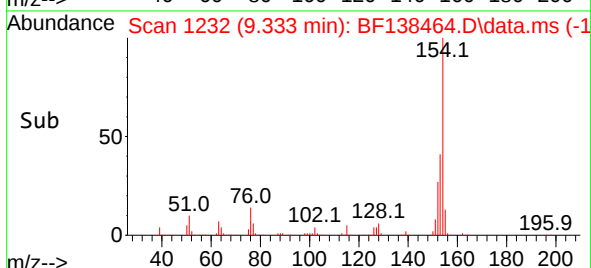
07/08/2024

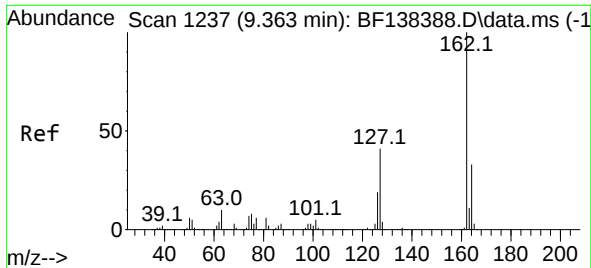


#46
1,1'-Biphenyl
Concen: 42.584 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53



Tgt Ion:154 Resp: 943111
Ion Ratio Lower Upper
154 100
153 40.8 20.5 60.5
76 13.9 0.0 34.4





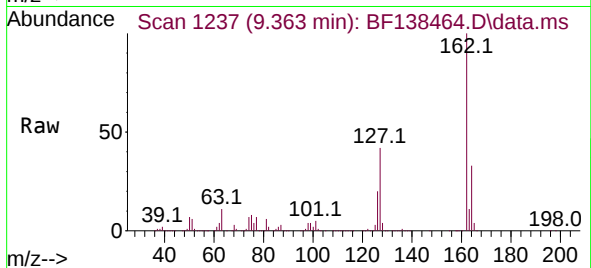
#47
2-Chloronaphthalene
Concen: 42.317 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion:162 Resp: 714570
Ion Ratio Lower Upper
162 100
127 42.1 32.7 49.1
164 32.9 26.6 40.0

Manual Integrations
APPROVED

Reviewed By :Yogesh

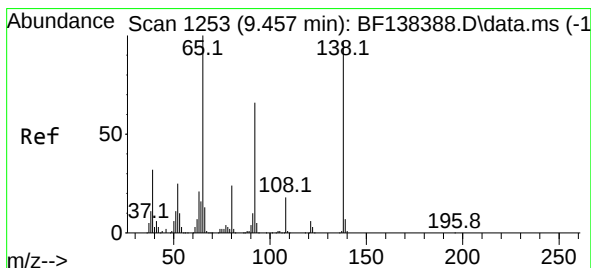
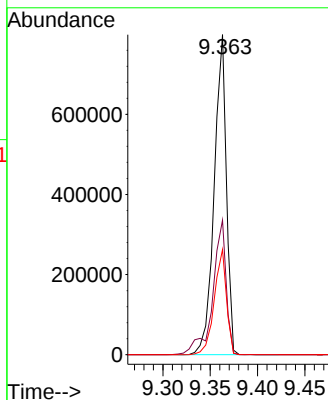
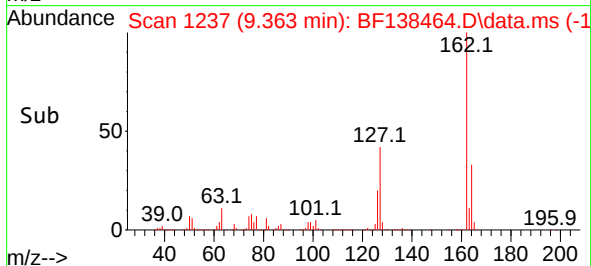
Patel

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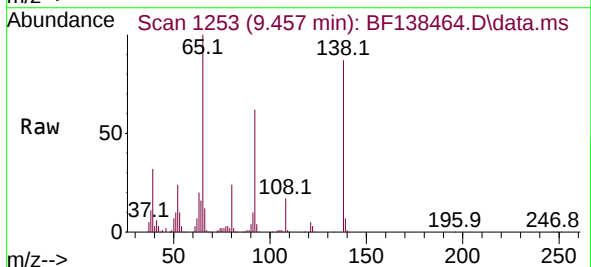
Supervised By :mohammad

ahmed

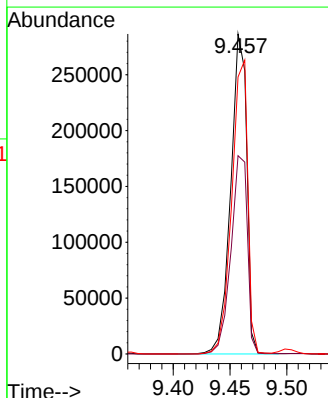
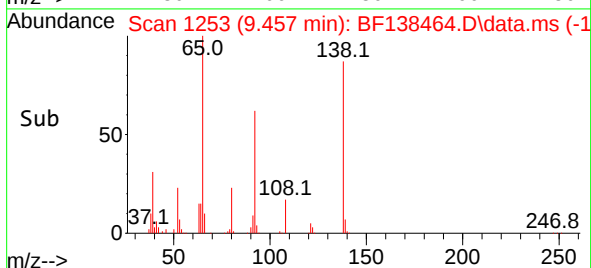
07/08/2024

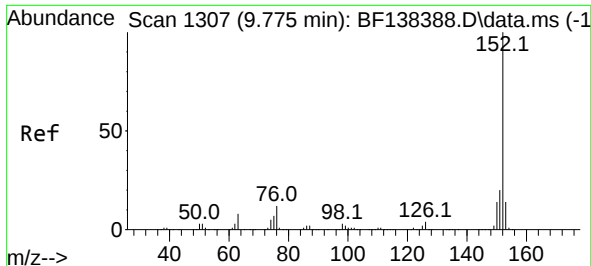


#48
2-Nitroaniline
Concen: 51.490 ng
RT: 9.457 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53



Tgt Ion: 65 Resp: 280464
Ion Ratio Lower Upper
65 100
92 62.0 52.6 79.0
138 86.5 77.4 116.0





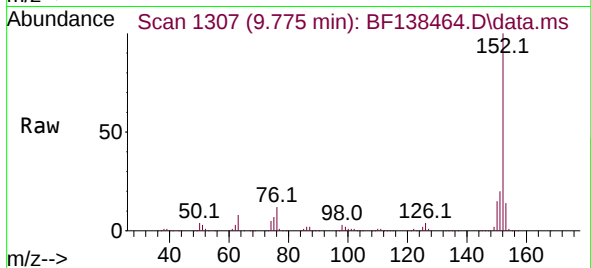
#49
Acenaphthylene
Concen: 47.478 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion:152 Resp: 1127498
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 14.4 11.4 17.2

Manual Integrations
APPROVED

Reviewed By :Yogesh

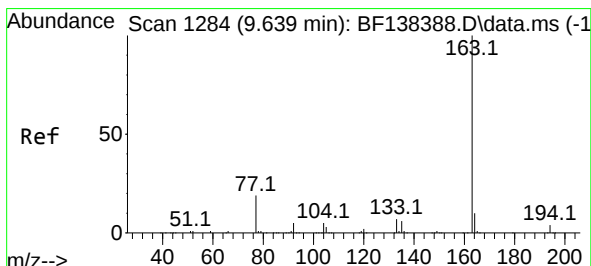
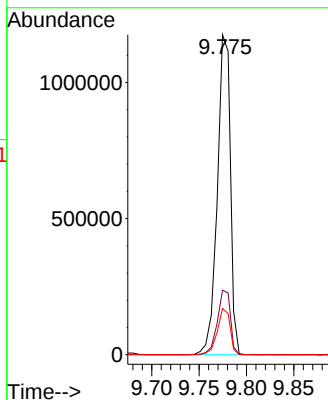
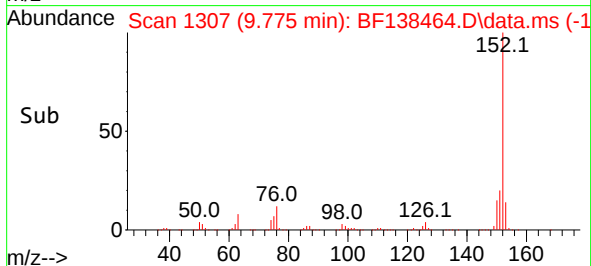
Patel

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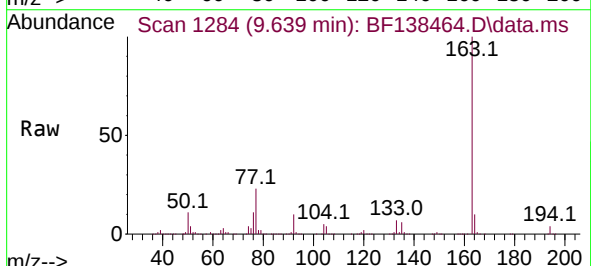
Supervised By :mohammad

ahmed

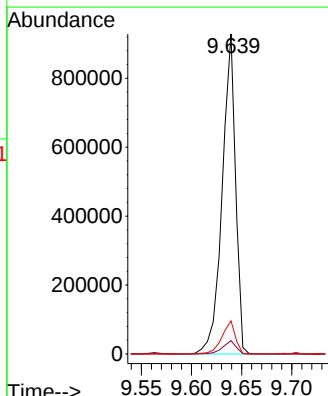
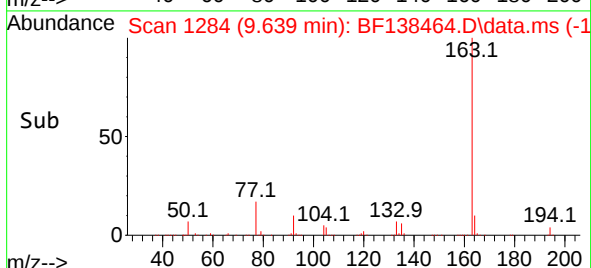
07/08/2024

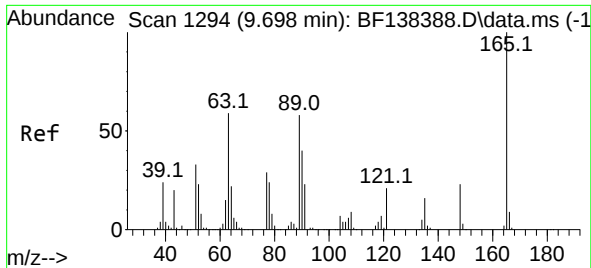


#50
Dimethylphthalate
Concen: 45.069 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53



Tgt Ion:163 Resp: 859134
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.4 8.2 12.4





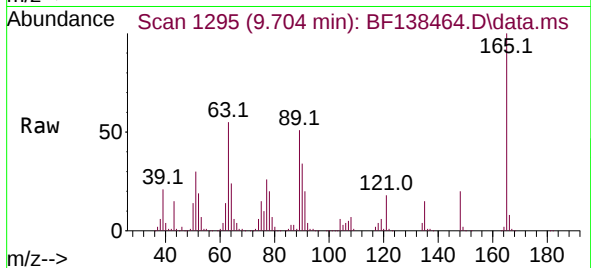
#51
2,6-Dinitrotoluene
Concen: 46.213 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion:165 Resp: 19730
Ion Ratio Lower Upper
165 100
63 55.3 53.8 80.8
89 50.9 46.4 69.6

Manual Integrations
APPROVED

Reviewed By :Yogesh

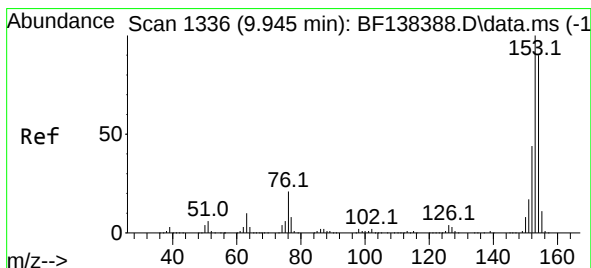
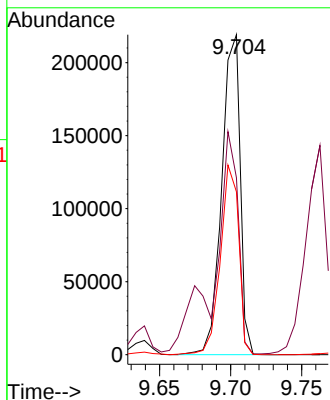
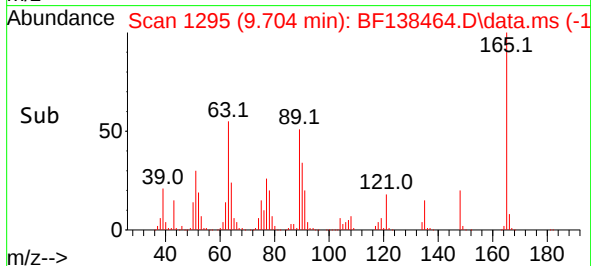
Patel

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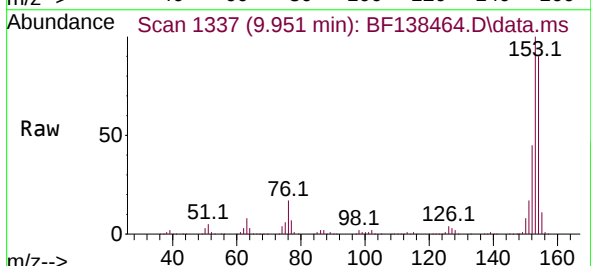
Supervised By :mohammad

ahmed

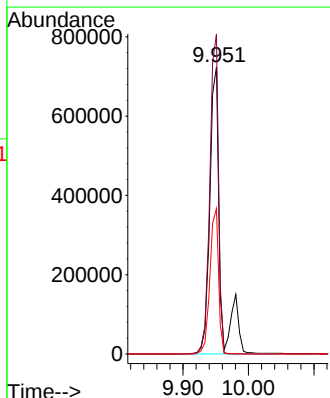
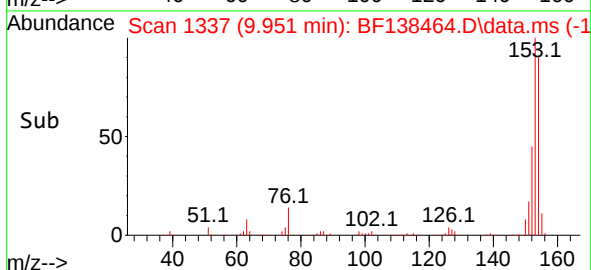
07/08/2024

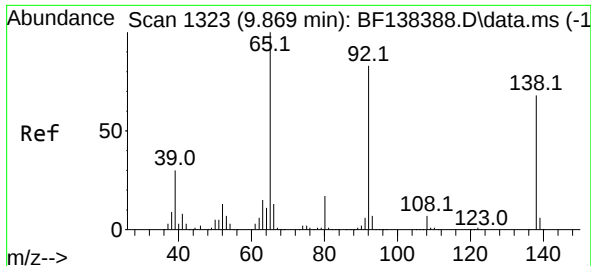


#52
Acenaphthene
Concen: 49.365 ng m
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53



Tgt Ion:154 Resp: 802722
Ion Ratio Lower Upper
154 100
153 111.6 89.4 134.0
152 50.7 39.7 59.5





#53
3-Nitroaniline
Concen: 33.780 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS

Tgt Ion:138 Resp: 142438
Ion Ratio Lower Upper
138 100
108 11.0 8.6 12.8
92 127.0 97.3 145.9

Manual Integrations
APPROVED

Reviewed By :Yogesh

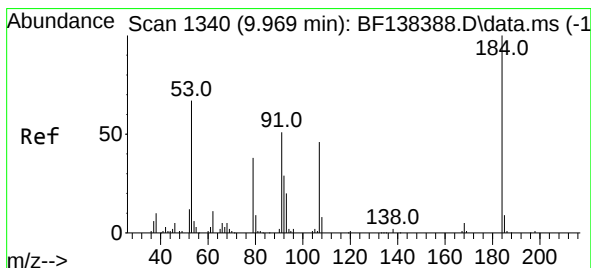
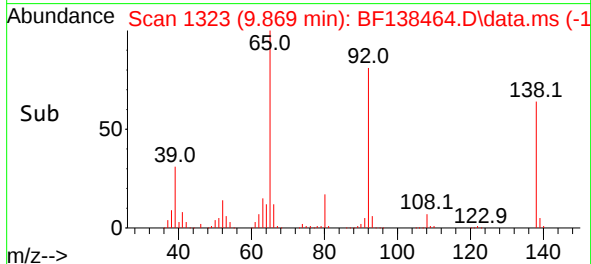
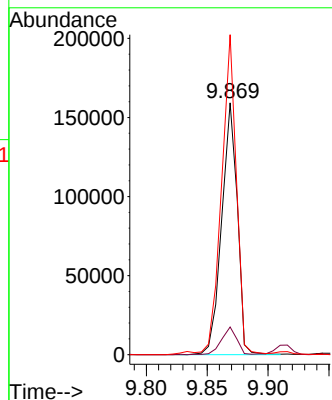
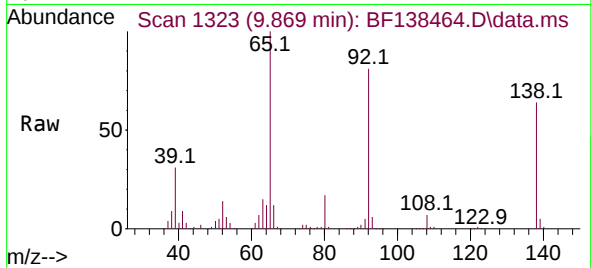
Patel

07/08/2024

Supervised By :mohammad

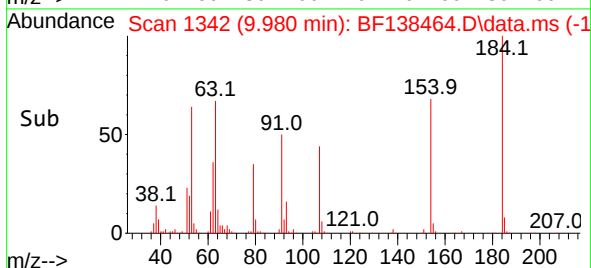
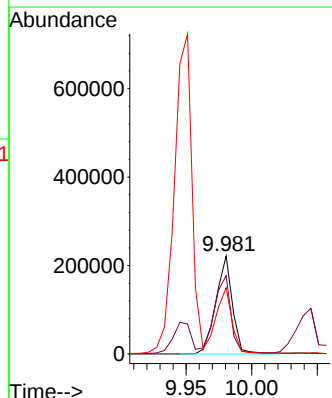
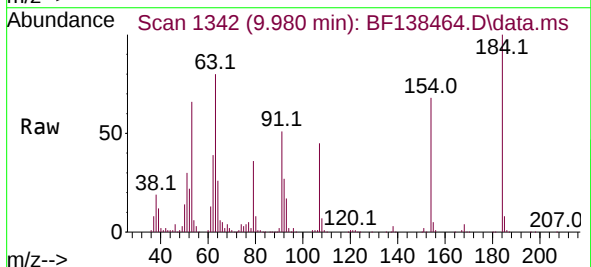
ahmed

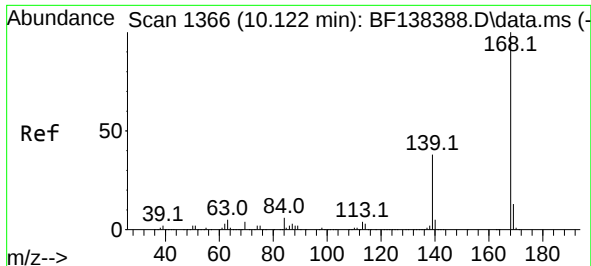
07/08/2024



#54
2,4-Dinitrophenol
Concen: 105.304 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

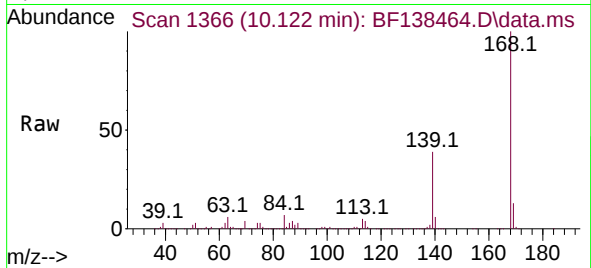
Tgt Ion:184 Resp: 195901
Ion Ratio Lower Upper
184 100
63 80.0 67.3 100.9
154 67.6 51.0 76.4





#55
Dibenzenofuran
Concen: 44.686 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB161894BS

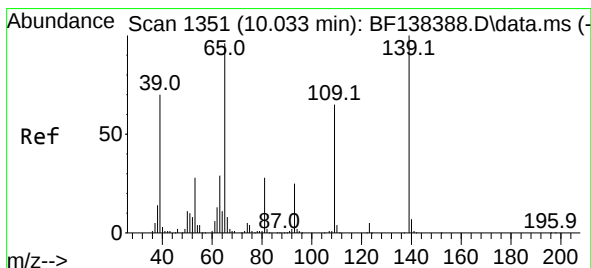
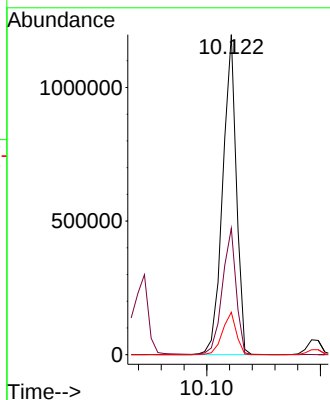


Tgt Ion:168 Resp: 100118
Ion Ratio Lower Upper
168 100
139 39.5 30.4 45.6
169 13.3 10.7 16.1

Manual Integrations
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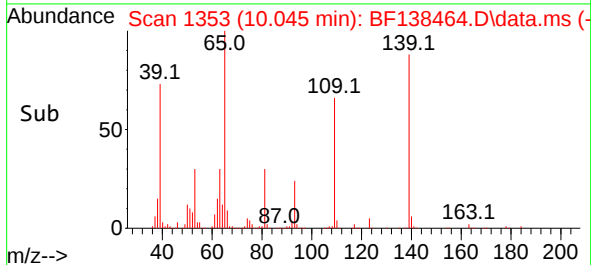
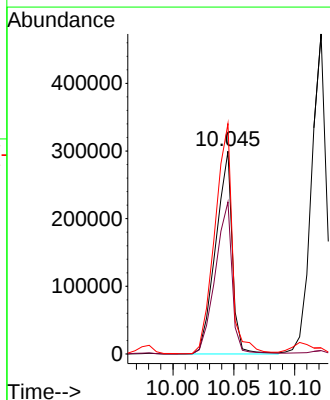
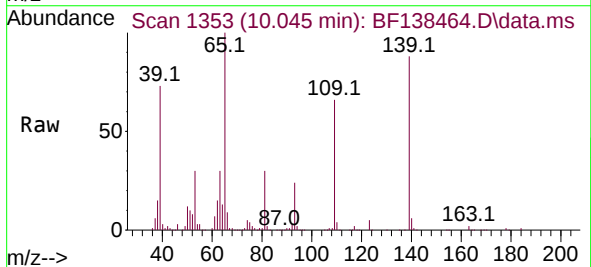
Reviewed By :Yogesh
Patel
07/08/2024

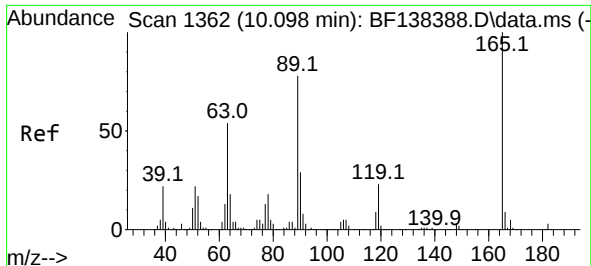
Supervised By :mohammad
ahmed
07/08/2024



#56
4-Nitrophenol
Concen: 104.362 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Tgt Ion:139 Resp: 285320
Ion Ratio Lower Upper
139 100
109 75.0 44.6 84.6
65 113.6 75.9 115.9





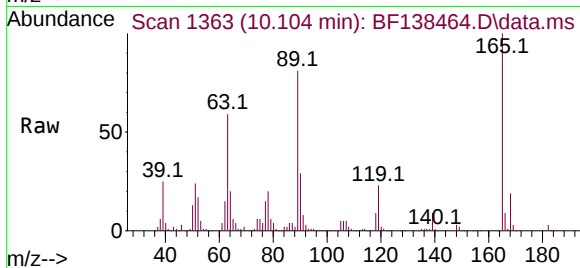
#57
2,4-Dinitrotoluene
Concen: 49.518 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion:165 Resp: 260302
Ion Ratio Lower Upper
165 100
63 58.8 43.4 65.2
89 81.2 62.6 93.8
182 2.6 2.2 3.2

Manual Integrations
APPROVED

Reviewed By :Yogesh

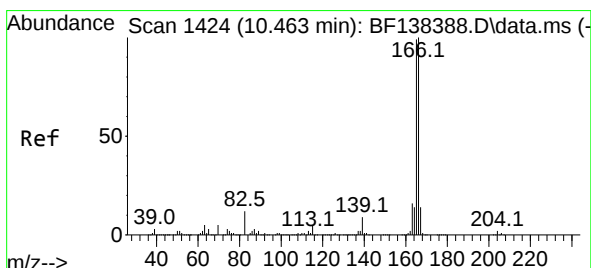
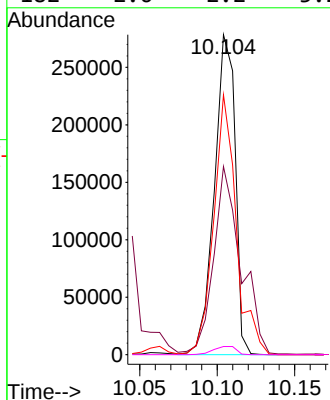
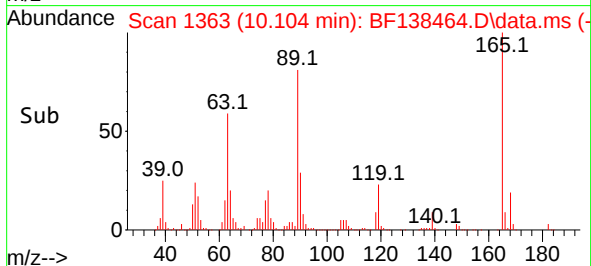
Patel

07/08/2024

Supervised By :mohammad

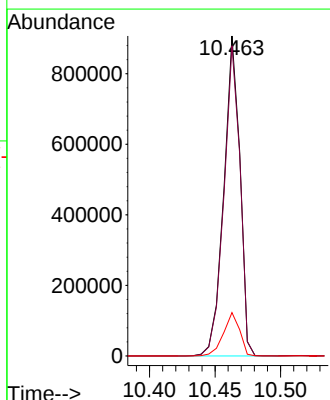
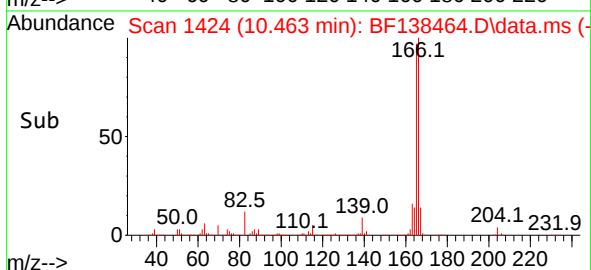
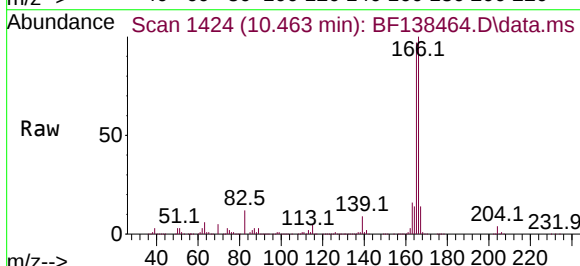
ahmed

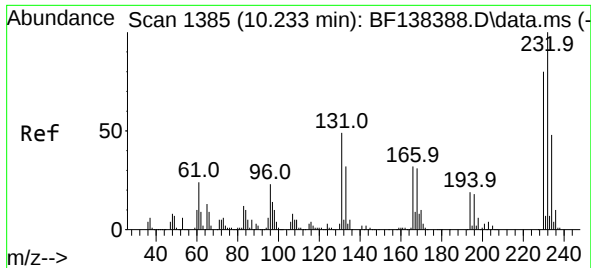
07/08/2024



#58
Fluorene
Concen: 43.403 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

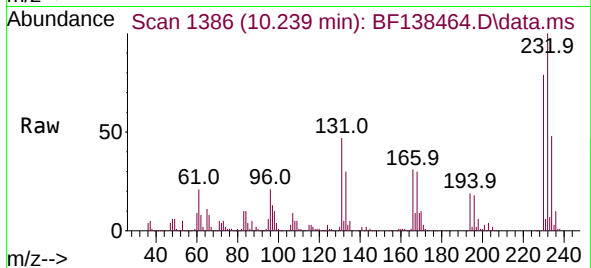
Tgt Ion:166 Resp: 772681
Ion Ratio Lower Upper
166 100
165 96.9 79.0 118.6
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.168 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB161894BS

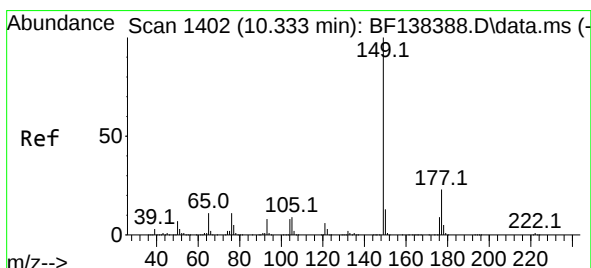
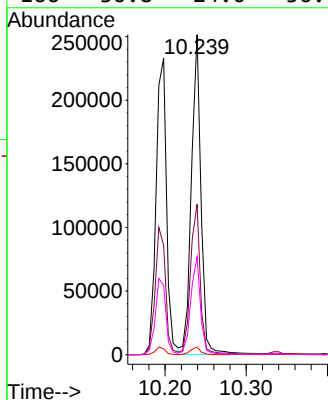
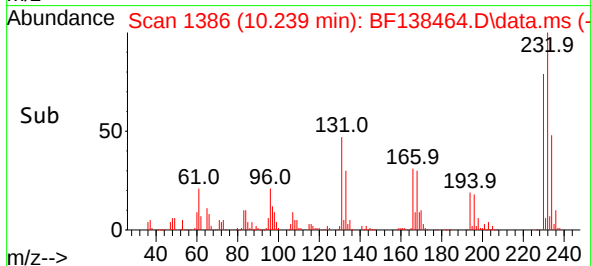


Tgt Ion:232 Resp: 20734
Ion Ratio Lower Upper
232 100
131 47.6 36.6 55.0
130 2.5 1.8 2.8
166 30.8 24.0 36.0

Manual Integrations
APPROVED

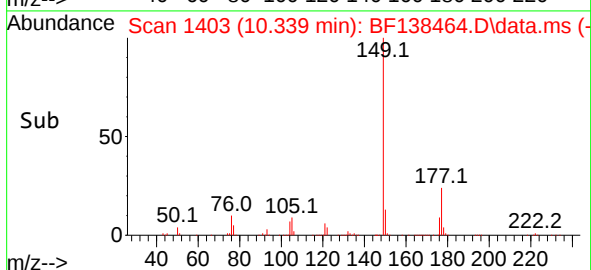
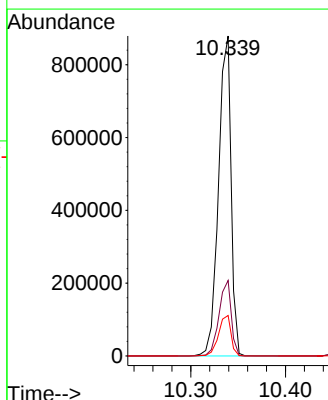
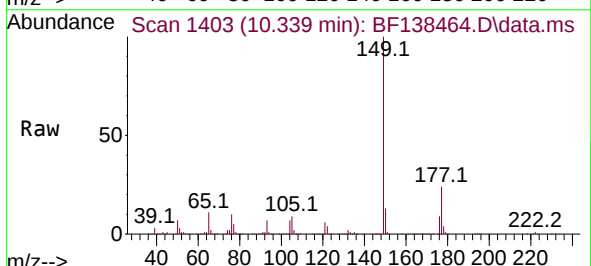
Reviewed By :Yogesh
Patel
07/08/2024

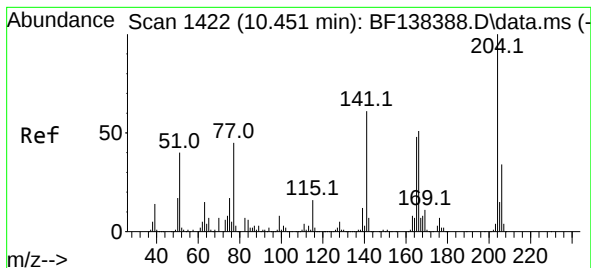
Supervised By :mohammad
ahmed
07/08/2024



#60
Diethylphthalate
Concen: 45.484 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

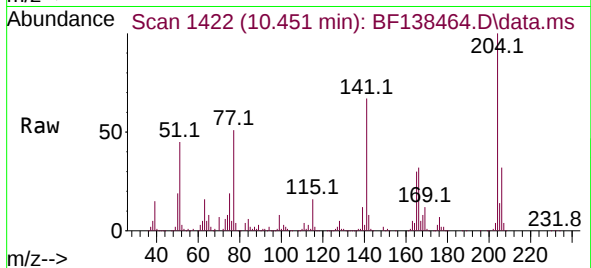
Tgt Ion:149 Resp: 810650
Ion Ratio Lower Upper
149 100
177 23.6 18.4 27.6
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.029 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB161894BS

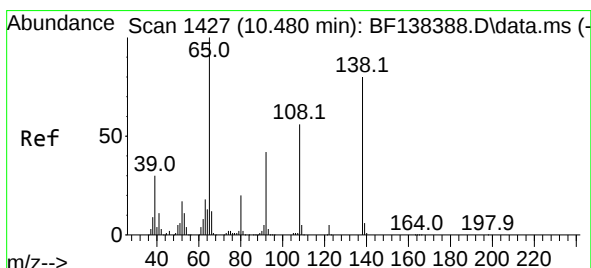
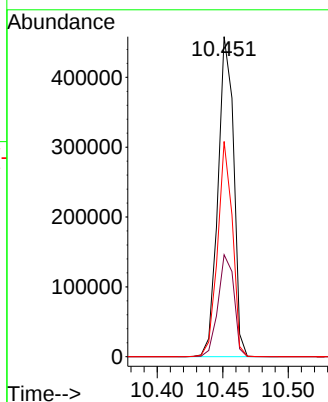
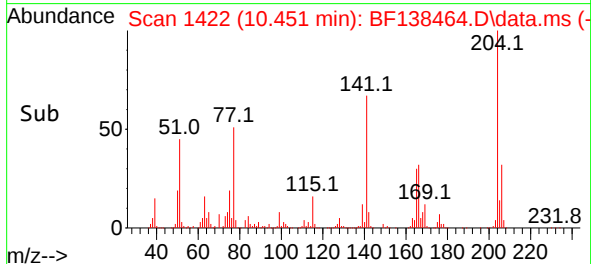


Tgt Ion:204 Resp: 379629
Ion Ratio Lower Upper
204 100
206 31.9 27.1 40.7
141 67.2 48.4 72.6

Manual Integrations
APPROVED

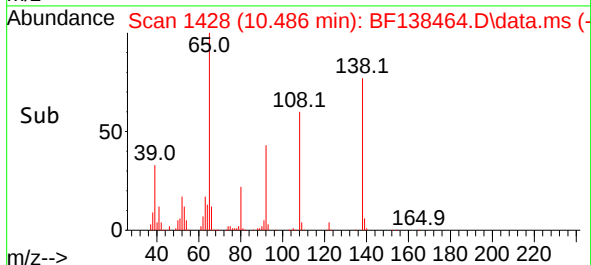
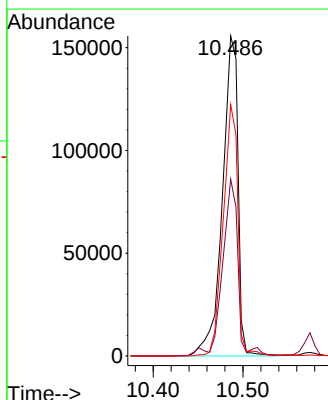
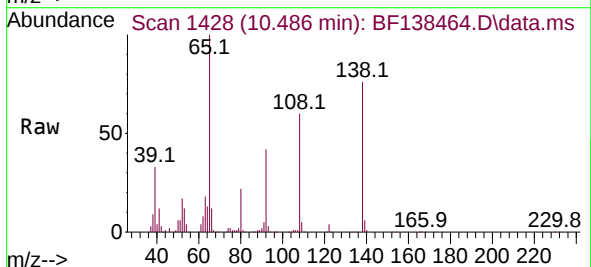
Reviewed By :Yogesh
Patel
07/08/2024

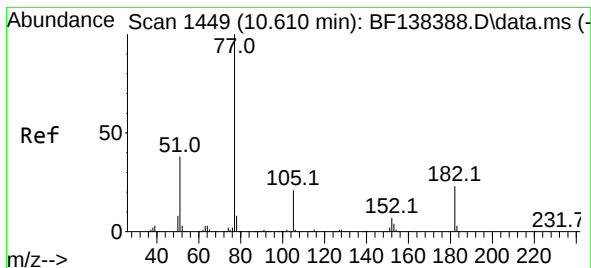
Supervised By :mohammad
ahmed
07/08/2024



#62
4-Nitroaniline
Concen: 48.428 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

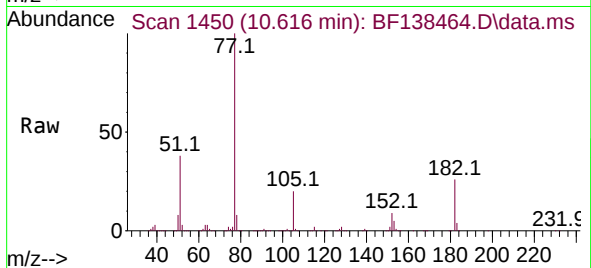
Tgt Ion:138 Resp: 187432
Ion Ratio Lower Upper
138 100
92 55.3 32.6 72.6
108 78.6 50.3 90.3





#63
Azobenzene
Concen: 46.537 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB161894BS

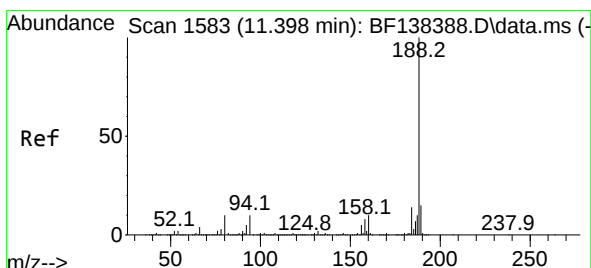
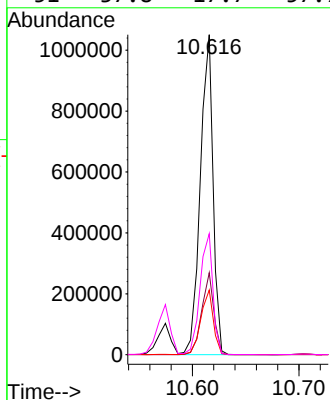
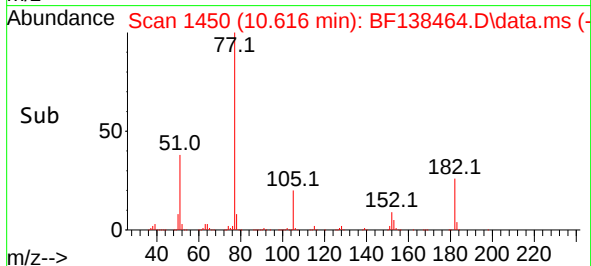


Tgt Ion: 77 Resp: 87593
Ion Ratio Lower Upper
77 100
182 25.6 2.7 42.7
105 20.2 0.6 40.6
51 37.8 17.7 57.7

Manual Integrations
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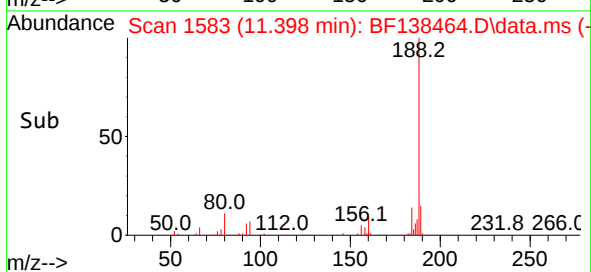
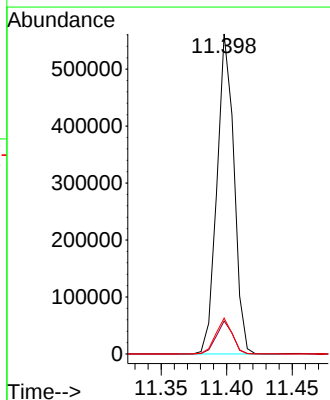
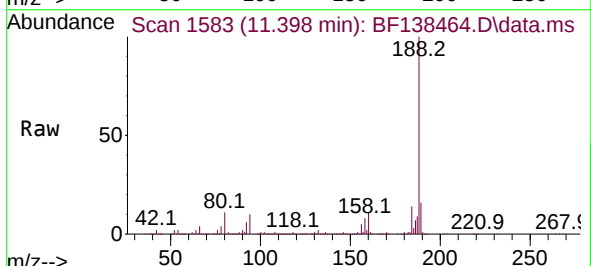
Reviewed By :Yogesh
Patel
07/08/2024

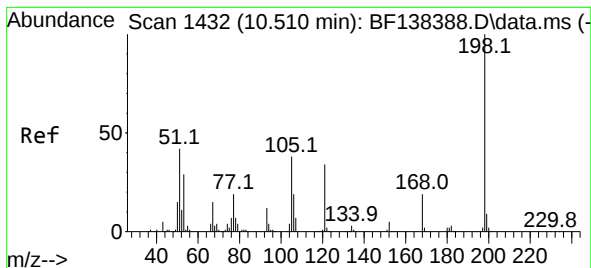
Supervised By :mohammad
ahmed
07/08/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

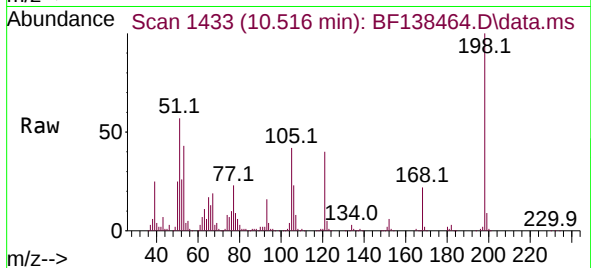
Tgt Ion:188 Resp: 505964
Ion Ratio Lower Upper
188 100
94 10.3 8.0 12.0
80 11.2 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 51.794 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB161894BS

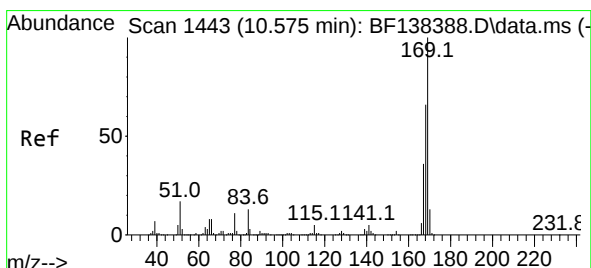
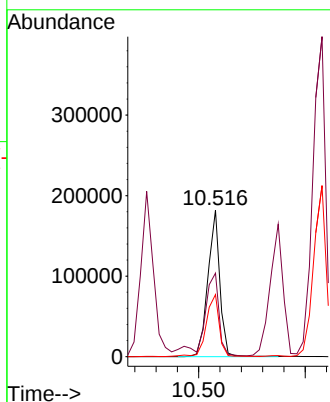
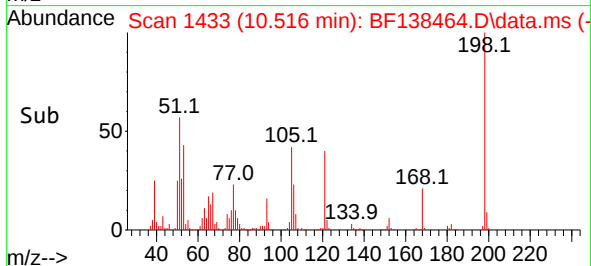


Tgt Ion:198 Resp: 141731
Ion Ratio Lower Upper
198 100
51 57.0 27.9 67.9
105 42.3 18.2 58.2

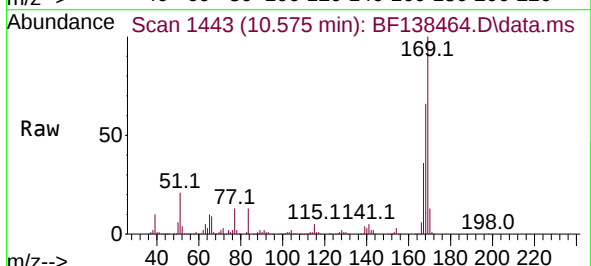
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
07/08/2024

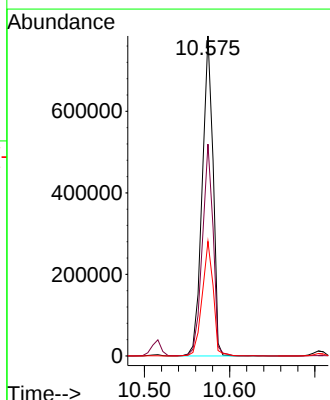
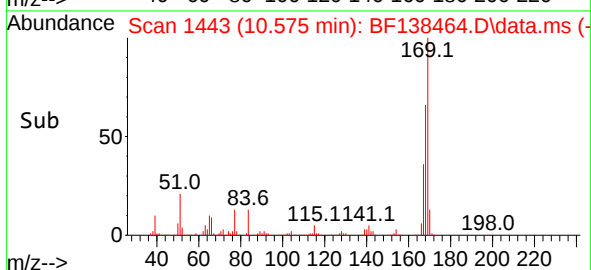
Supervised By :mohammad
ahmed
07/08/2024

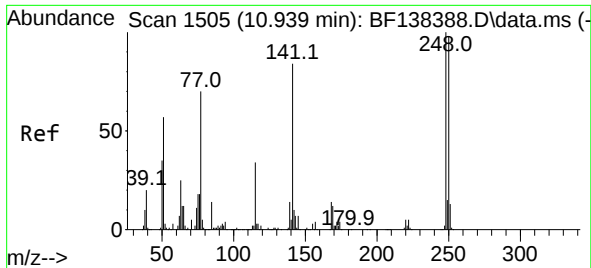


#66
n-Nitrosodiphenylamine
Concen: 43.890 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53



Tgt Ion:169 Resp: 689405
Ion Ratio Lower Upper
169 100
168 66.2 52.5 78.7
167 35.8 28.8 43.2





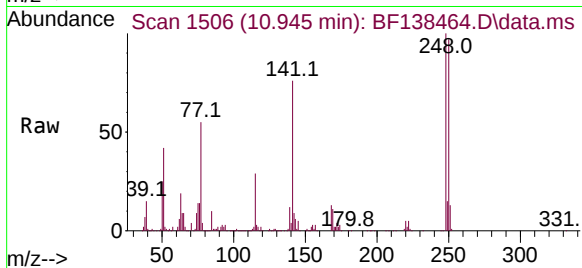
#67
4-Bromophenyl-phenylether
Concen: 41.947 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion:248 Resp: 228120
Ion Ratio Lower Upper
248 100
250 97.1 78.2 117.4
141 76.1 67.6 101.4

Manual Integrations
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Reviewed By :Yogesh

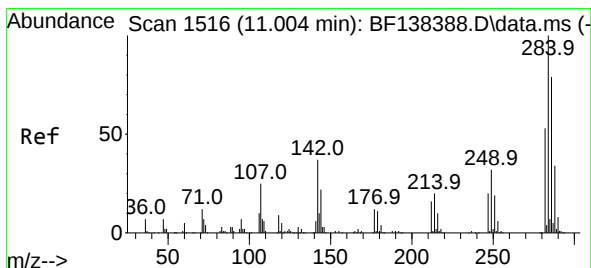
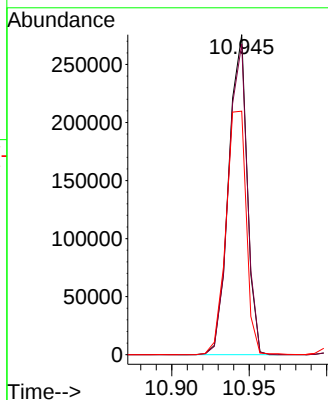
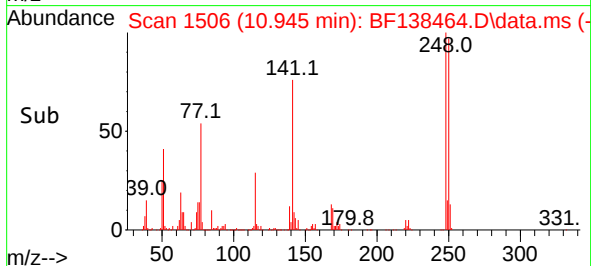
Patel

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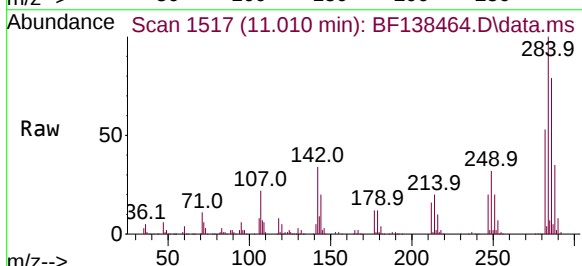
Supervised By :mohammad

ahmed

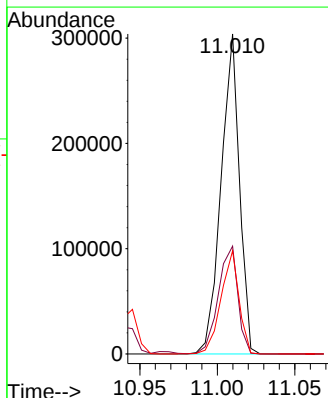
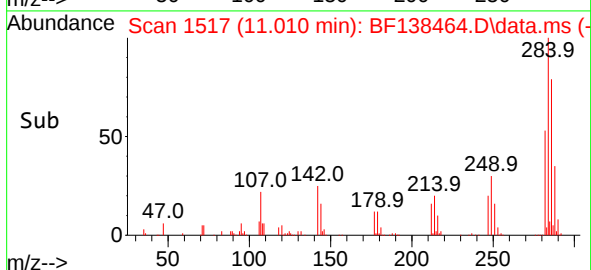
07/08/2024

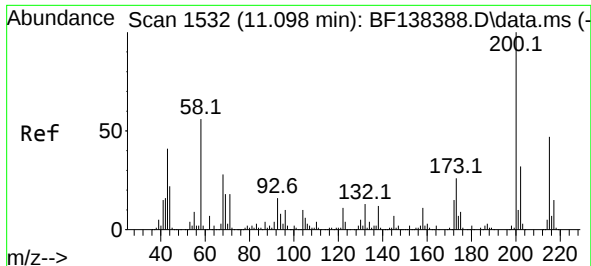


#68
Hexachlorobenzene
Concen: 41.795 ng
RT: 11.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53



Tgt Ion:284 Resp: 250529
Ion Ratio Lower Upper
284 100
142 33.7 29.2 43.8
249 32.3 25.8 38.6





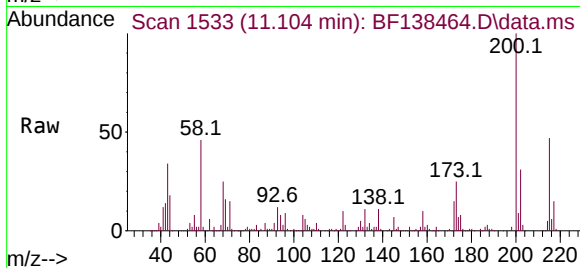
#69
Atrazine
Concen: 46.597 ng
RT: 11.104 min Scan# 1533
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion:200 Resp: 20521
Ion Ratio Lower Upper
200 100
173 24.5 6.2 46.2
215 47.0 27.4 67.4

Manual Integrations
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Reviewed By :Yogesh

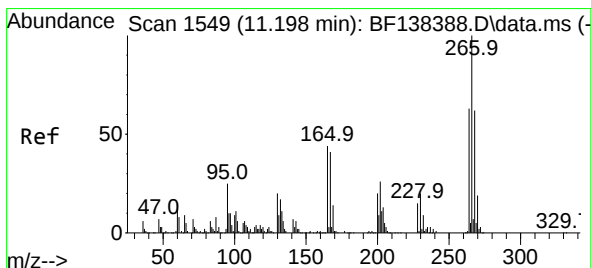
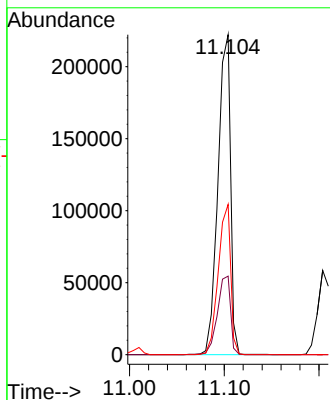
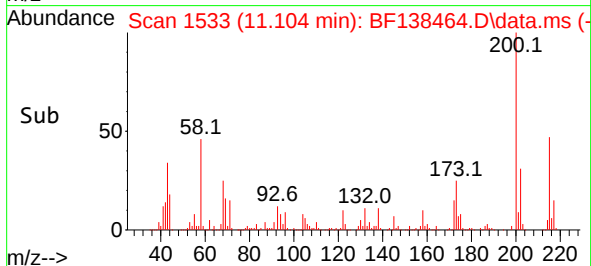
Patel

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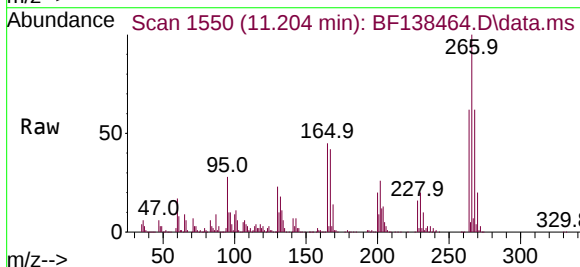
Supervised By :mohammad

ahmed

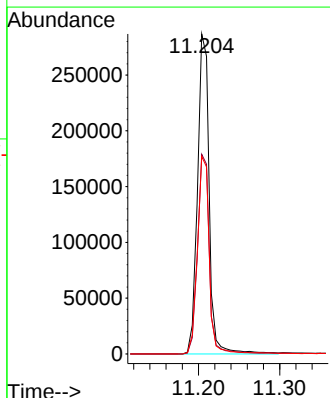
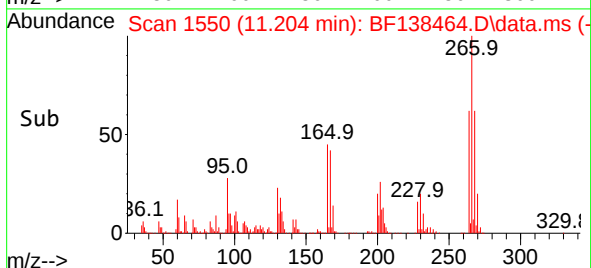
07/08/2024

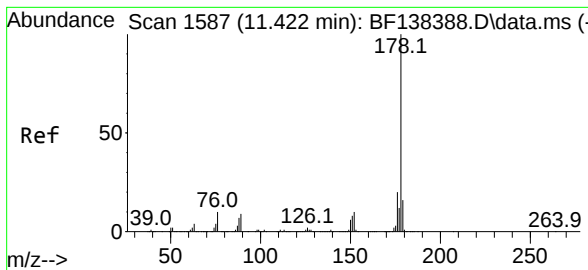


#70
Pentachlorophenol
Concen: 94.396 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53



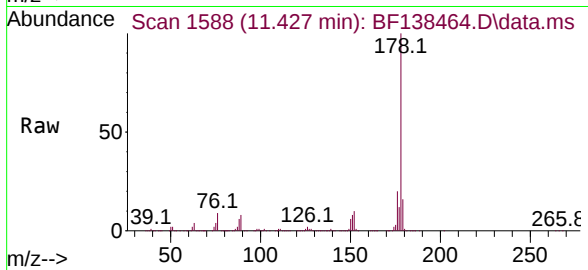
Tgt Ion:266 Resp: 287189
Ion Ratio Lower Upper
266 100
268 62.4 49.9 74.9
264 61.7 50.0 75.0





#71
Phenanthrene
Concen: 45.900 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB161894BS

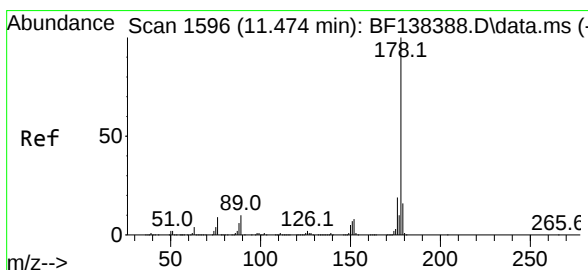
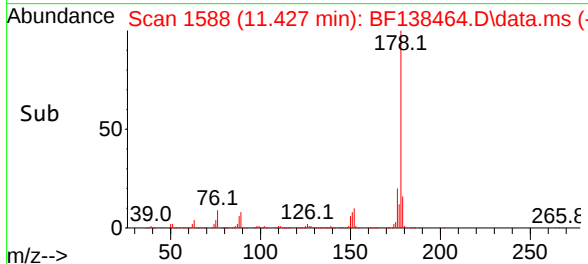
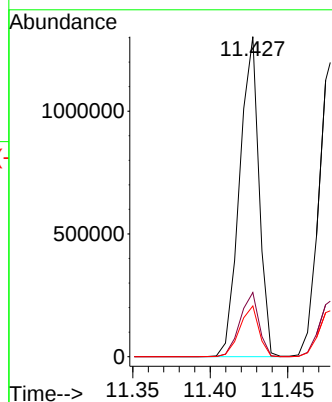


Tgt Ion:178 Resp: 1133898
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 15.9 12.6 18.8

Manual Integrations
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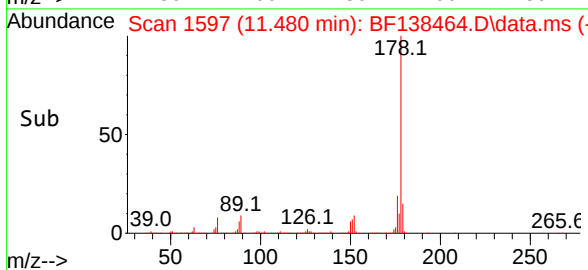
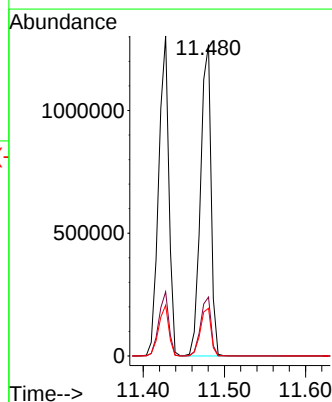
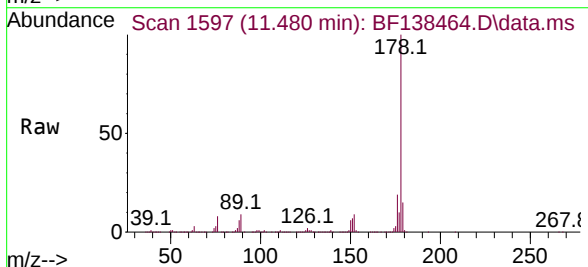
Reviewed By :Yogesh
Patel
07/08/2024

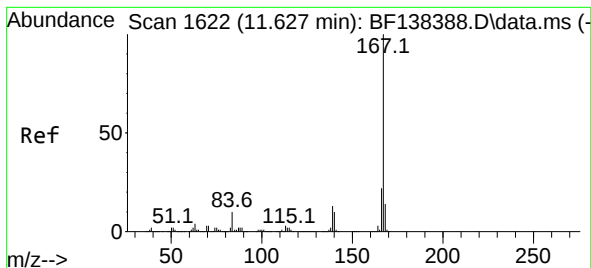
Supervised By :mohammad
ahmed
07/08/2024



#72
Anthracene
Concen: 46.432 ng
RT: 11.480 min Scan# 1597
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Tgt Ion:178 Resp: 1143887
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.3 12.7 19.1





#73

Carbazole

Concen: 46.712 ng

RT: 11.633 min Scan# 1623

Delta R.T. 0.006 min

Lab File: BF138464.D

Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS

Tgt Ion:167 Resp: 95539

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.7	26.5
139	13.7	10.7	16.1

Manual Integrations

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Reviewed By :Yogesh

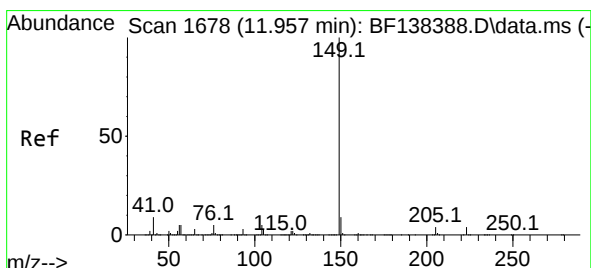
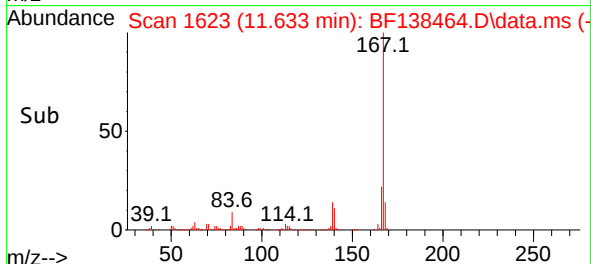
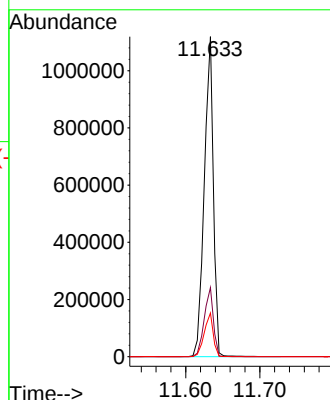
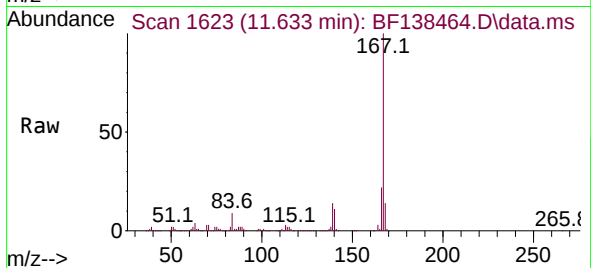
Patel

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Supervised By :mohammad

ahmed

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#74

Di-n-butylphthalate

Concen: 45.161 ng

RT: 11.957 min Scan# 1678

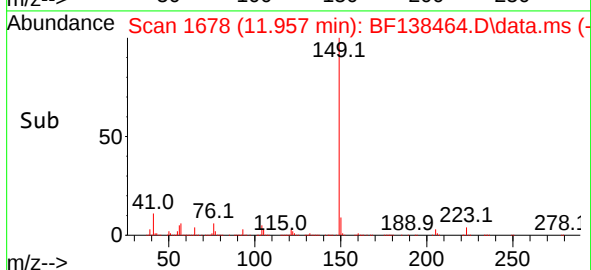
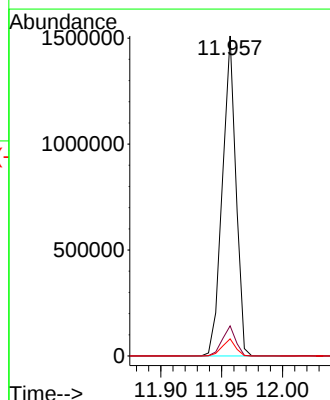
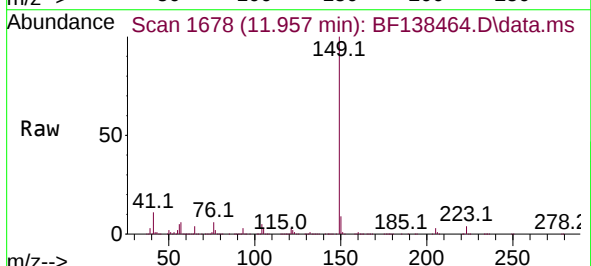
Delta R.T. 0.000 min

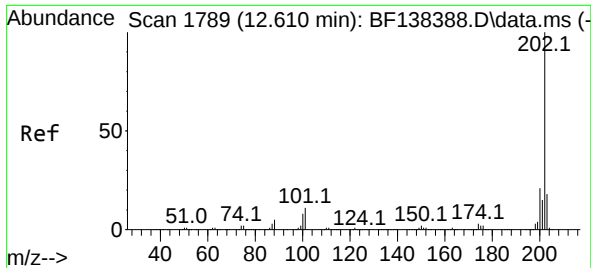
Lab File: BF138464.D

Acq: 05 Jul 2024 12:53

Tgt Ion:149 Resp: 1170590

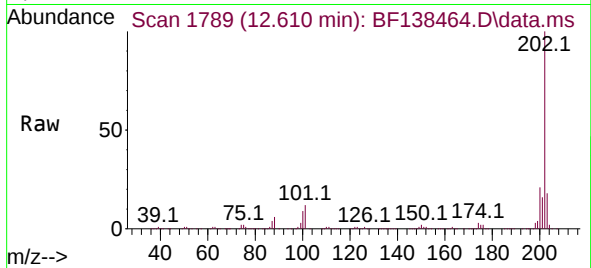
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.3	3.8	5.8





#75
Fluoranthene
Concen: 47.162 ng
RT: 12.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB161894BS

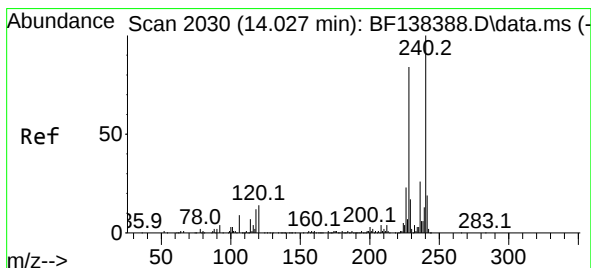
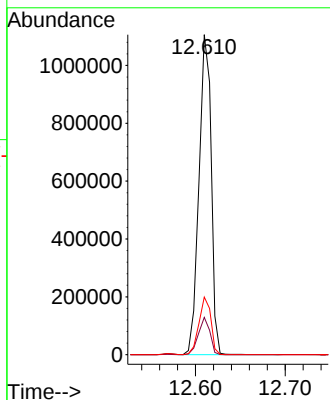
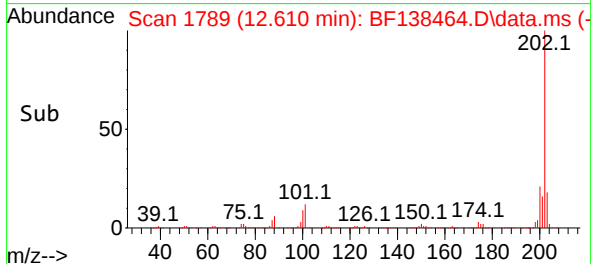


Tgt Ion:202 Resp: 104448
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.5
203 18.0 0.0 37.6

Manual Integrations
APPROVED

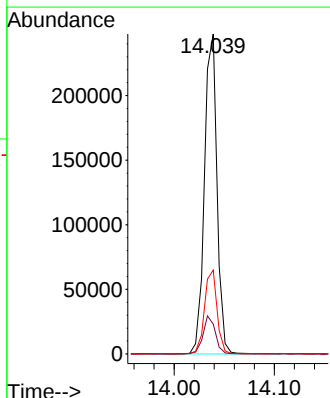
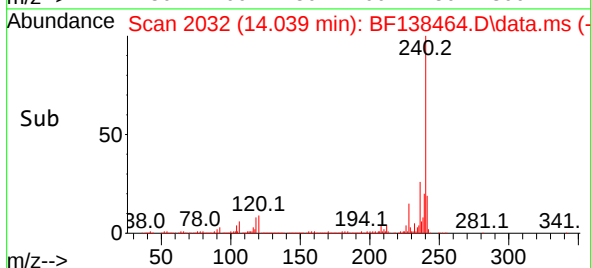
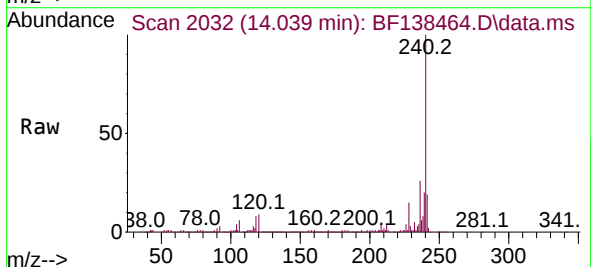
Reviewed By :Yogesh
Patel
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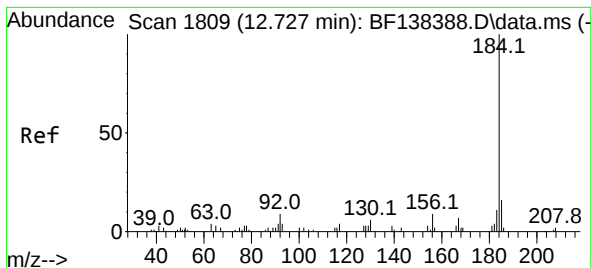
Supervised By :mohammad
ahmed
07/08/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.012 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

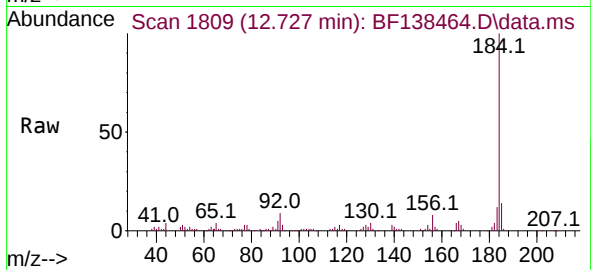
Tgt Ion:240 Resp: 217140
Ion Ratio Lower Upper
240 100
120 9.3 10.9 16.3#
236 26.2 20.6 30.8





#77
Benzidine
Concen: 31.925 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB161894BS

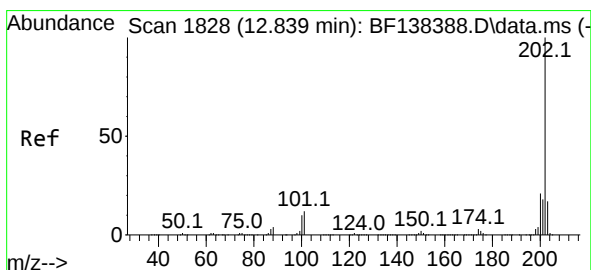
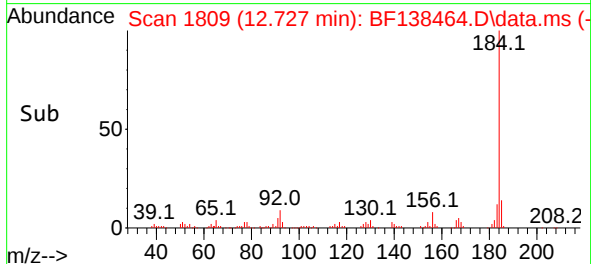
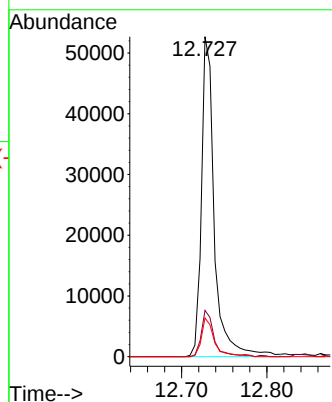


Tgt Ion:184 Resp: 55432
Ion Ratio Lower Upper
184 100
185 14.5 13.0 19.4
183 12.1 9.0 13.6

Manual Integrations
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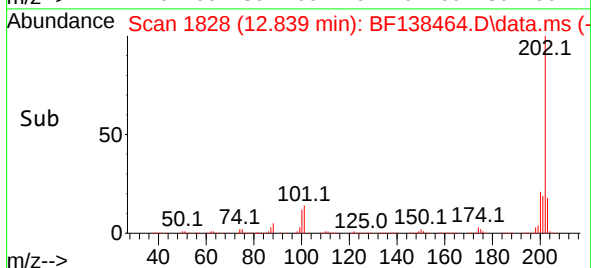
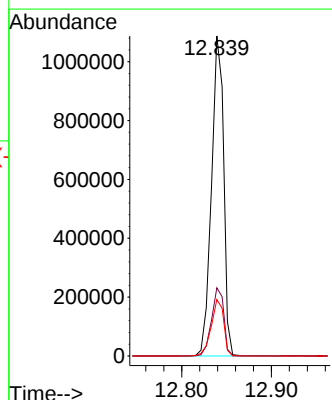
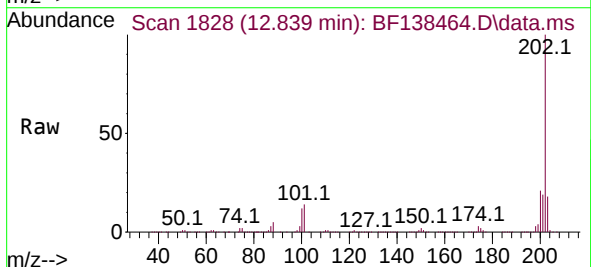
Reviewed By :Yogesh
Patel
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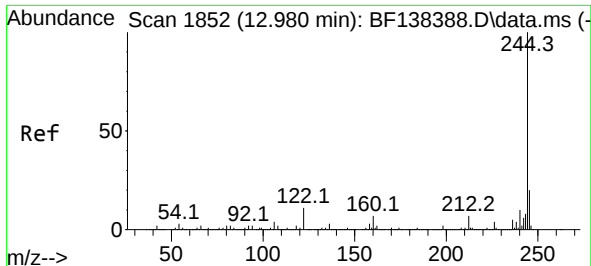
Supervised By :mohammad
ahmed
07/08/2024



#78
Pyrene
Concen: 44.039 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Tgt Ion:202 Resp: 1022060
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.6 13.8 20.8





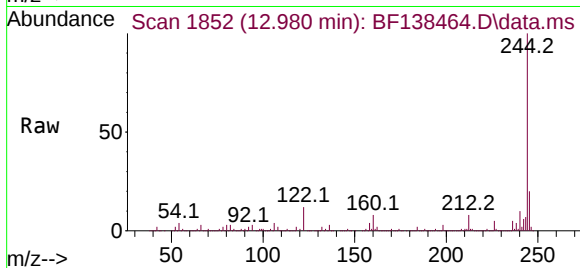
#79
 Terphenyl-d14
 Concen: 84.146 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF138464.D
 Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion:244 Resp: 1333274
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.6 8.4
 122 12.5 9.0 13.4

Manual Integrations

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Reviewed By :Yogesh

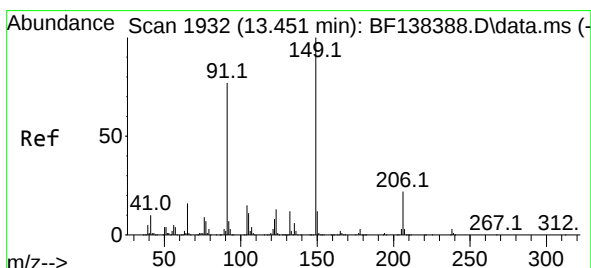
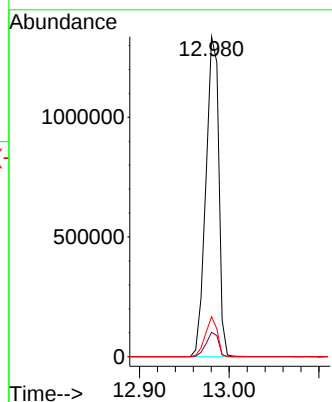
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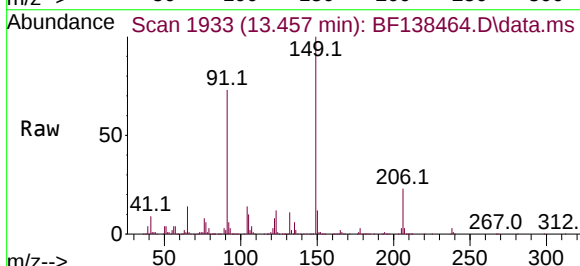
Supervised By :mohammad

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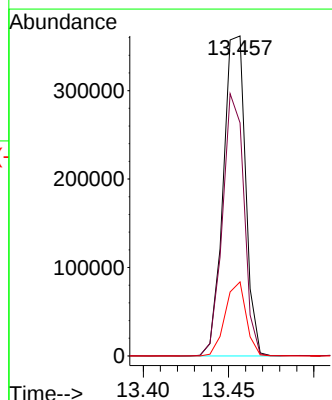
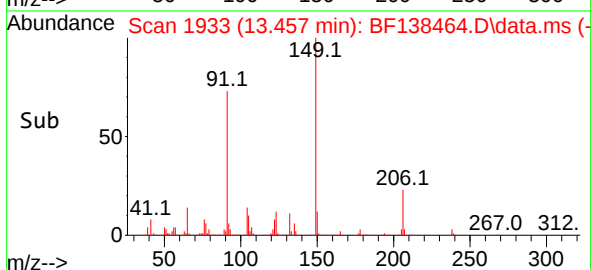
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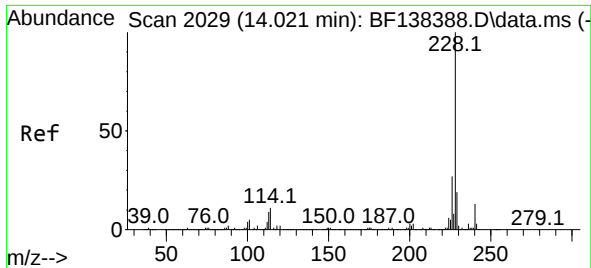


#80
 Butylbenzylphthalate
 Concen: 46.715 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.006 min
 Lab File: BF138464.D
 Acq: 05 Jul 2024 12:53



Tgt Ion:149 Resp: 329902
 Ion Ratio Lower Upper
 149 100
 91 72.8 62.0 93.0
 206 23.1 17.6 26.4





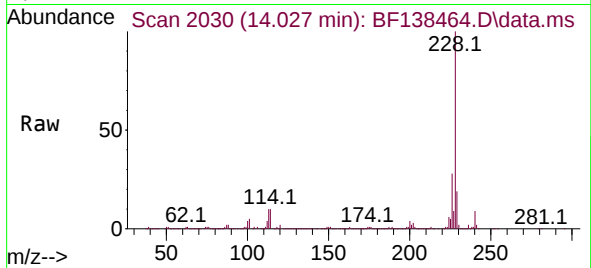
#81
Benzo(a)anthracene
Concen: 47.079 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion:228 Resp: 657980
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 19.5 15.5 23.3

Manual Integrations
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Reviewed By :Yogesh

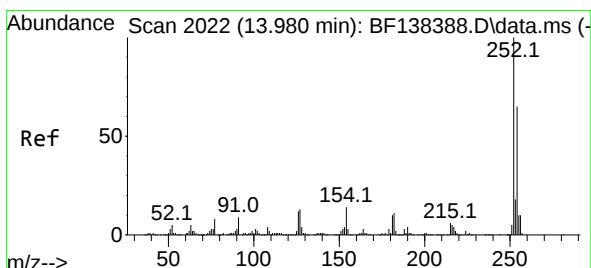
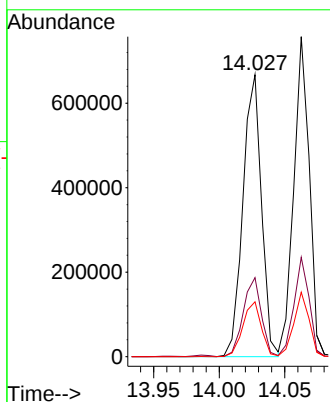
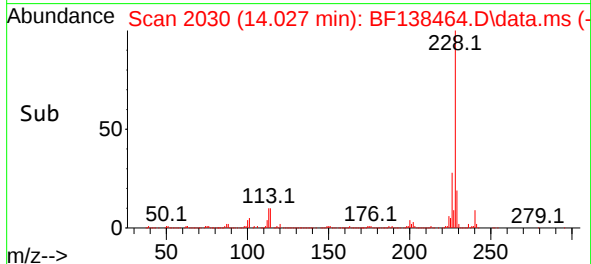
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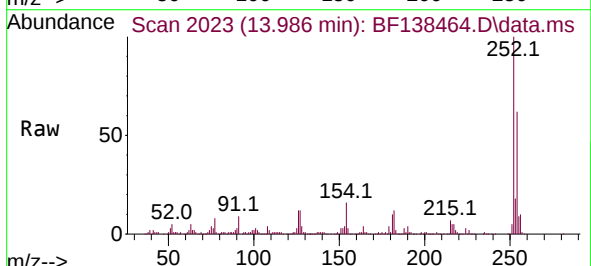
Supervised By :mohammad

ahmed

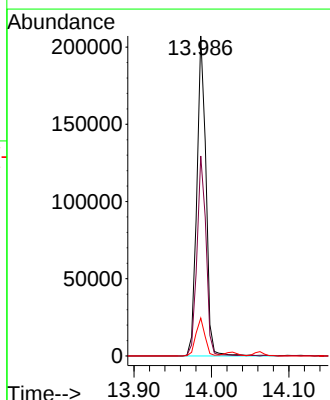
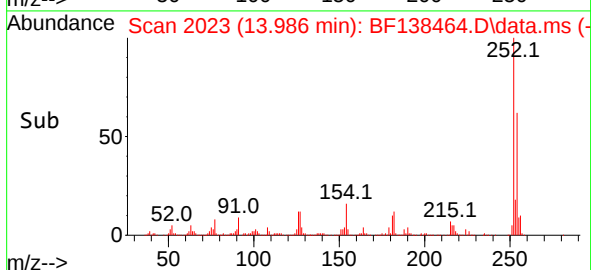
07/08/2024

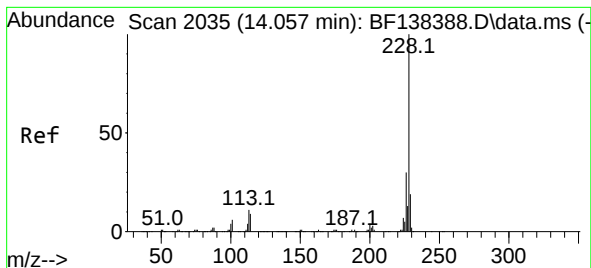


#82
3,3'-Dichlorobenzidine
Concen: 41.050 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53



Tgt Ion:252 Resp: 169389
Ion Ratio Lower Upper
252 100
254 62.5 51.8 77.6
126 11.8 9.5 14.3





#83

Chrysene

Concen: 46.172 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF138464.D

Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS

Tgt Ion:228 Resp: 627930

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.6

229 20.1 15.2 22.8

Manual Integrations

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Reviewed By :Yogesh

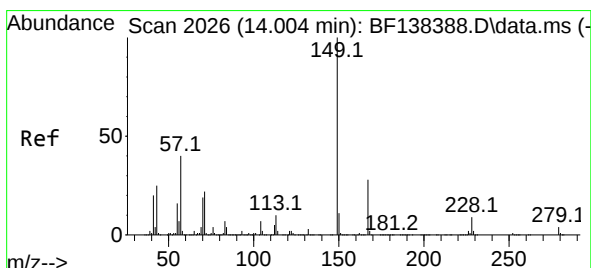
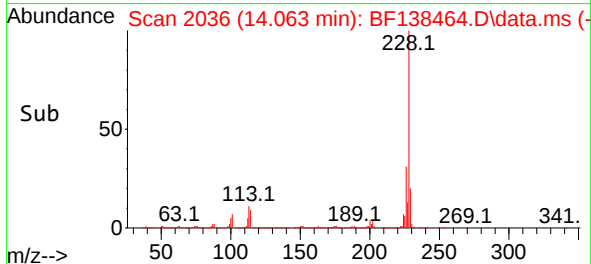
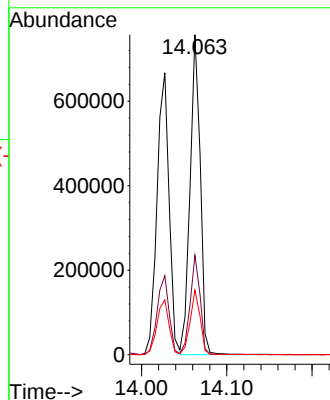
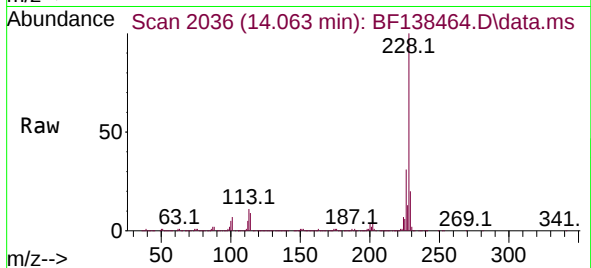
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#84

Bis(2-ethylhexyl)phthalate

Concen: 42.292 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF138464.D

Acq: 05 Jul 2024 12:53

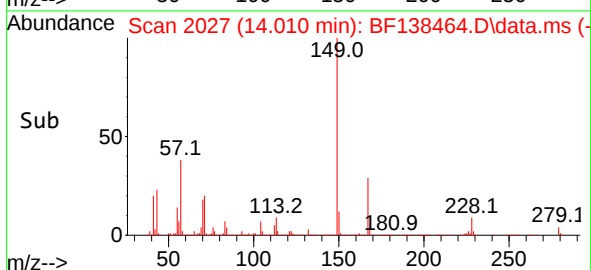
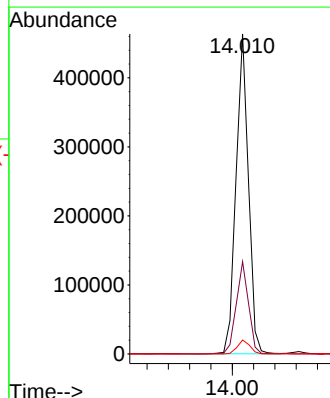
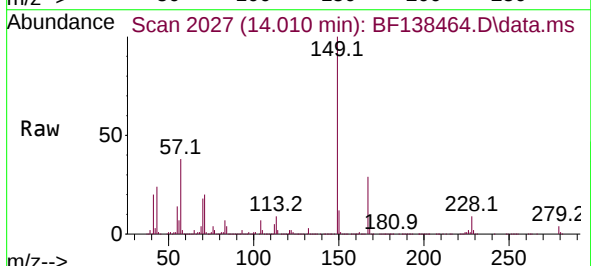
Tgt Ion:149 Resp: 374551

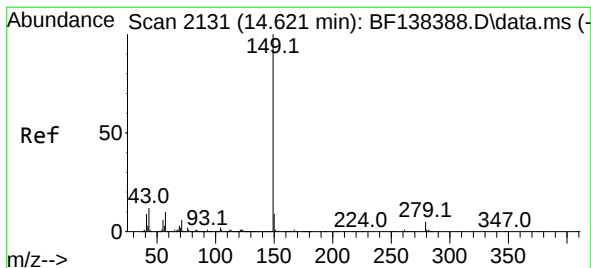
Ion Ratio Lower Upper

149 100

167 28.9 22.6 33.8

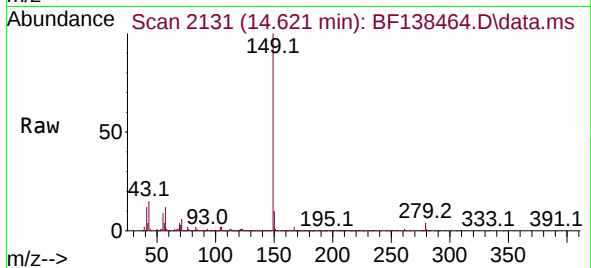
279 4.4 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 42.251 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB161894BS

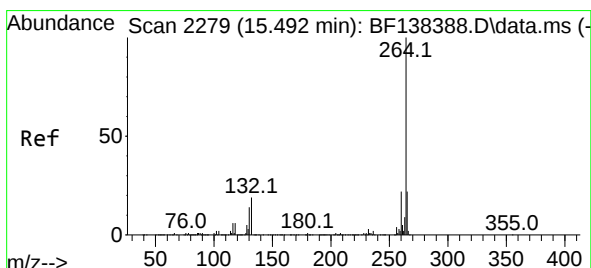
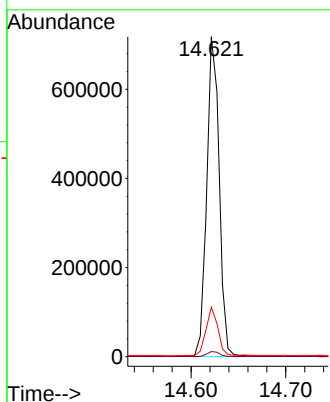
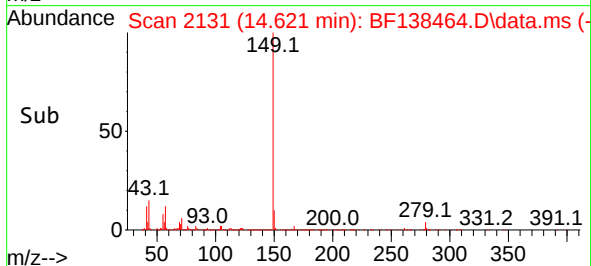


Tgt Ion:149 Resp: 65495
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 14.5 10.9 16.3

Manual Integrations
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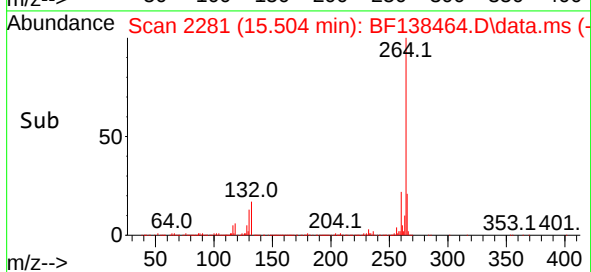
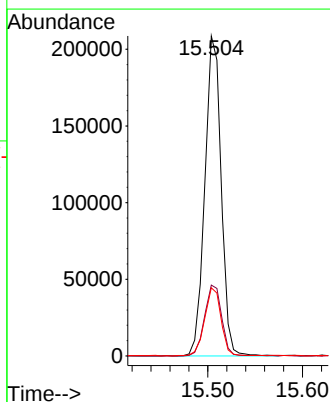
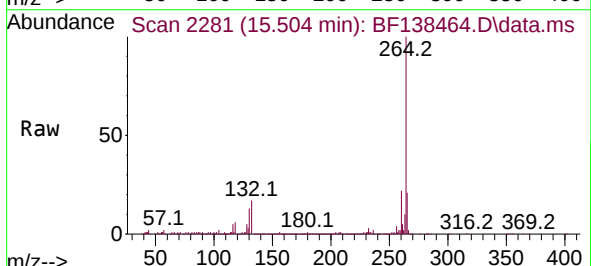
Reviewed By :Yogesh
Patel
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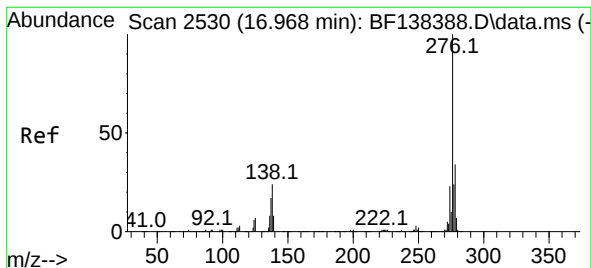
Supervised By :mohammad
ahmed
07/08/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Tgt Ion:264 Resp: 249423
Ion Ratio Lower Upper
264 100
260 22.2 17.8 26.6
265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.073 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF138464.D

Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS

Tgt Ion:276 Resp: 65259

Ion Ratio Lower Upper

276 100

138 24.8 22.1 33.1

277 25.4 20.4 30.6

Manual Integrations

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Reviewed By :Yogesh

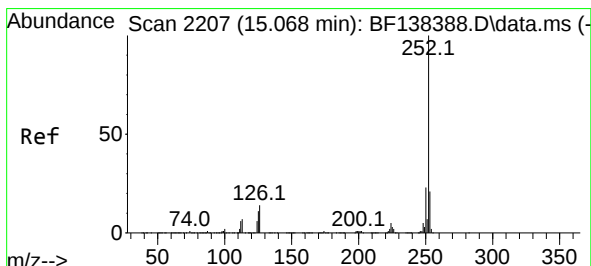
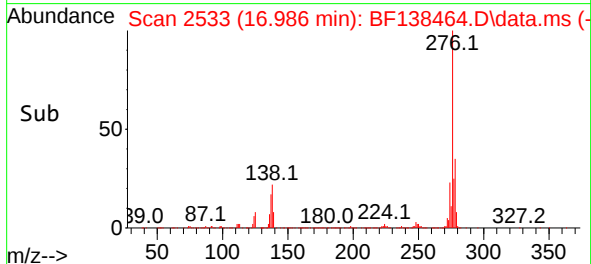
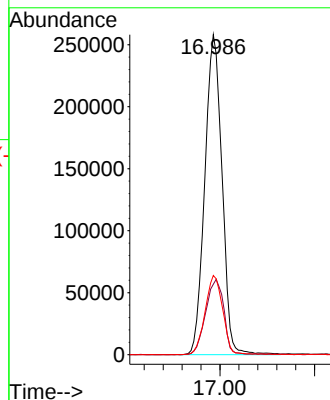
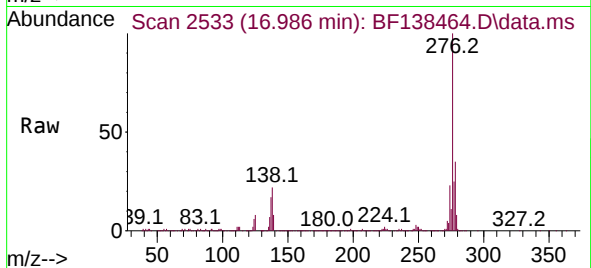
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#88

Benzo(b)fluoranthene

Concen: 48.382 ng

RT: 15.080 min Scan# 2209

Delta R.T. 0.012 min

Lab File: BF138464.D

Acq: 05 Jul 2024 12:53

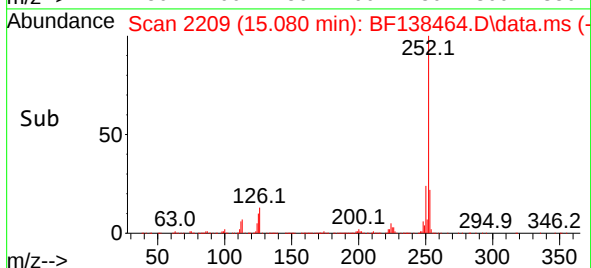
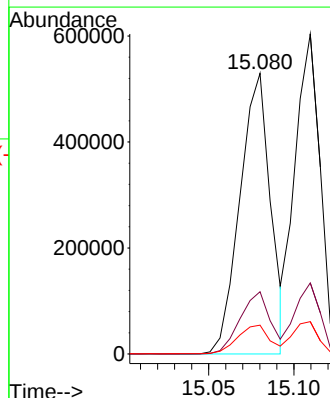
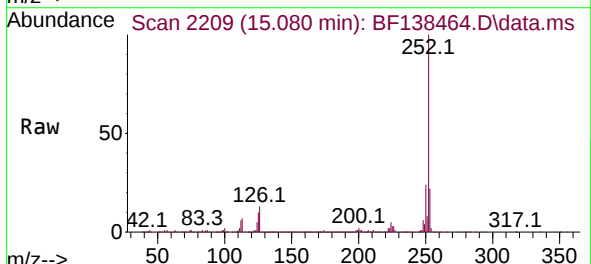
Tgt Ion:252 Resp: 662111

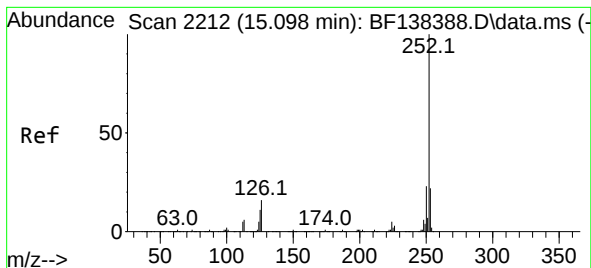
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 10.3 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 49.447 ng

RT: 15.110 min Scan# 2110

Delta R.T. 0.012 min

Lab File: BF138464.D

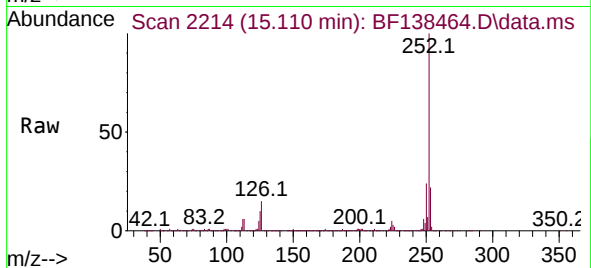
Acq: 05 Jul 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB161894BS



Tgt Ion:252 Resp: 623260

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 10.1 8.7 13.1

Manual Integrations

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Reviewed By :Yogesh

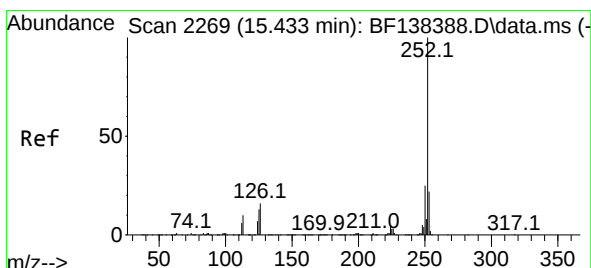
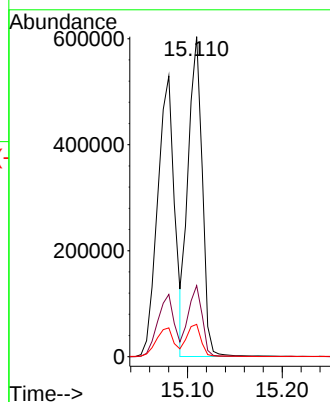
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#90

Benzo(a)pyrene

Concen: 50.579 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF138464.D

Acq: 05 Jul 2024 12:53

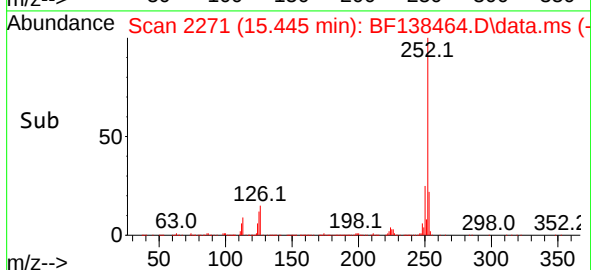
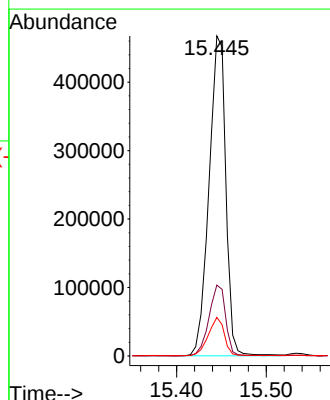
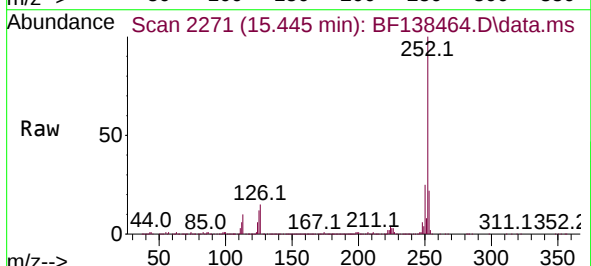
Tgt Ion:252 Resp: 606695

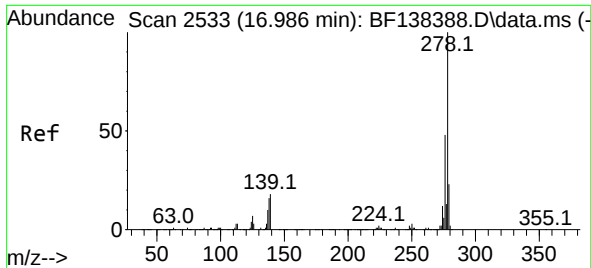
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

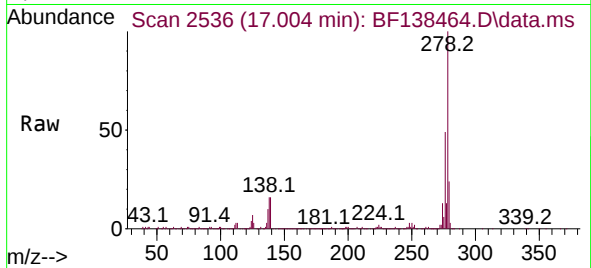
125 12.1 10.2 15.2





#91
Dibenzo(a,h)anthracene
Concen: 51.254 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB161894BS

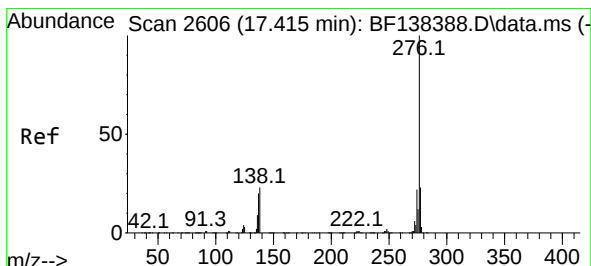
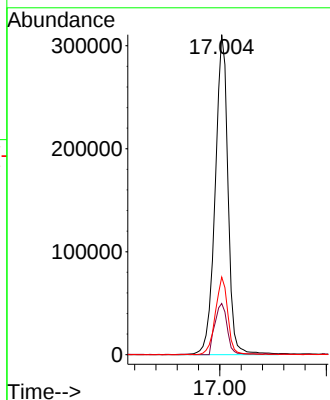
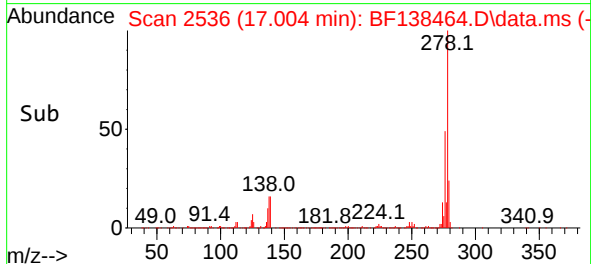


Tgt Ion:278 Resp: 51848
Ion Ratio Lower Upper
278 100
139 16.0 14.3 21.5
279 24.3 18.5 27.7

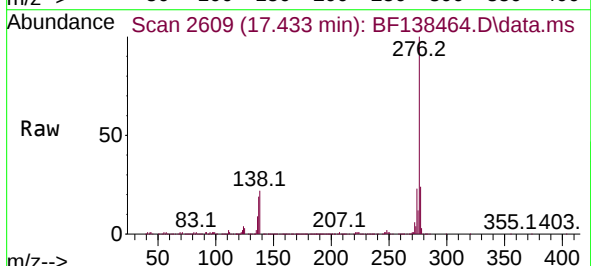
Manual Integrations
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Reviewed By :Yogesh
Patel
07/08/2024

Supervised By :mohammad
ahmed
07/08/2024



#92
Benzo(g,h,i)perylene
Concen: 49.852 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.018 min
Lab File: BF138464.D
Acq: 05 Jul 2024 12:53



Tgt Ion:276 Resp: 493348
Ion Ratio Lower Upper
276 100
277 24.1 18.3 27.5
138 22.1 18.3 27.5

