

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138597.D
 Acq On : 19 Jul 2024 19:02
 Operator : RC/JU
 Sample : P3294-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-1-071724MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jul 19 23:18:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							07/20/2024
1) 1,4-Dichlorobenzene-d4	6.857	152	81966	20.000	ng	-0.01	Supervised By :mohammad Ahmed
21) Naphthalene-d8	8.145	136	319145	20.000	ng	0.00	
39) Acenaphthene-d10	9.898	164	159516	20.000	ng	0.00	
64) Phenanthrene-d10	11.380	188	227088	20.000	ng	0.00	
76) Chrysene-d12	14.021	240	148124	20.000	ng	0.00	
86) Perylene-d12	15.480	264	124759	20.000	ng	0.00	07/22/2024
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	583029	112.653	ng	0.00	
7) Phenol-d6	6.504	99	784216	113.905	ng	0.00	
23) Nitrobenzene-d5	7.428	82	503439	77.450	ng	0.00	
42) 2,4,6-Tribromophenol	10.686	330	150161	100.723	ng	0.00	
45) 2-Fluorobiphenyl	9.216	172	806911	79.059	ng	-0.01	
79) Terphenyl-d14	12.963	244	669705	73.656	ng	-0.01	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	103864	45.313	ng		99
3) Pyridine	3.469	79	266350	47.120	ng		97
4) n-Nitrosodimethylamine	3.428	42	195564	53.146	ng		91
6) Aniline	6.522	93	217239	33.688	ng	#	8
8) 2-Chlorophenol	6.645	128	294335	53.785	ng		97
9) Benzaldehyde	6.410	77	26442	7.175	ng		99
10) Phenol	6.516	94	378777	51.831	ng		91
11) bis(2-Chloroethyl)ether	6.598	93	293823	53.402	ng		98
12) 1,3-Dichlorobenzene	6.798	146	301892	49.078	ng		97
13) 1,4-Dichlorobenzene	6.881	146	306231	49.024	ng		99
14) 1,2-Dichlorobenzene	7.028	146	287578	49.430	ng		97
15) Benzyl Alcohol	7.004	79	280262	54.242	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	534889	49.435	ng		83
17) 2-Methylphenol	7.122	107	228198	50.880	ng	#	90
18) Hexachloroethane	7.369	117	112238	48.876	ng		94
19) n-Nitroso-di-n-propyla...	7.275	70	221320	52.024	ng		96
20) 3+4-Methylphenols	7.275	107	291049	51.533	ng	#	89
22) Acetophenone	7.269	105	373584	48.197	ng		98
24) Nitrobenzene	7.445	77	333041	50.418	ng		98
25) Isophorone	7.681	82	591098	52.952	ng		100
26) 2-Nitrophenol	7.757	139	155608	54.962	ng		94
27) 2,4-Dimethylphenol	7.798	122	200468m	57.611	ng		
28) bis(2-Chloroethoxy)met...	7.892	93	353759	53.027	ng		98
29) 2,4-Dichlorophenol	8.004	162	227506	50.348	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	246667	46.859	ng		98
31) Naphthalene	8.163	128	826483	49.794	ng		100
32) Benzoic acid	7.934	122	151086	45.524	ng		96
33) 4-Chloroaniline	8.216	127	92674	15.913	ng		98
34) Hexachlorobutadiene	8.275	225	144969	44.723	ng		99
35) Caprolactam	8.586	113	69808m	47.875	ng		
36) 4-Chloro-3-methylphenol	8.704	107	257608	50.923	ng		98
37) 2-Methylnaphthalene	8.857	142	515677	48.278	ng		99
38) 1-Methylnaphthalene	8.957	142	474521	45.520	ng		98
40) 1,2,4,5-Tetrachloroben...	9.022	216	210465	47.340	ng		98
41) Hexachlorocyclopentadiene	9.004	237	107955	74.811	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	145471	51.296	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	148157	47.499	ng	96
46) 1,1'-Biphenyl	9.322	154	596978	49.383	ng	100
47) 2-Chloronaphthalene	9.345	162	462802	50.676	ng	99
48) 2-Nitroaniline	9.445	65	174667	55.192	ng	98
49) Acenaphthylene	9.763	152	707074	54.532	ng	99
50) Dimethylphthalate	9.622	163	561527	54.440	ng	100
51) 2,6-Dinitrotoluene	9.686	165	119313	50.239	ng	90
52) Acenaphthene	9.933	154	453930	52.667	ng	98
53) 3-Nitroaniline	9.851	138	86959	35.725	ng	95
54) 2,4-Dinitrophenol	9.963	184	105675	82.739	ng	95
55) Dibenzofuran	10.104	168	614842	49.182	ng	99
56) 4-Nitrophenol	10.022	139	158690	88.356	ng	98
57) 2,4-Dinitrotoluene	10.086	165	152033	49.477	ng	97
58) Fluorene	10.445	166	466227	47.133	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	115679	46.992	ng	99
60) Diethylphthalate	10.316	149	525237	52.821	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	234055	47.121	ng	95
62) 4-Nitroaniline	10.469	138	110733	45.398	ng	98
63) Azobenzene	10.598	77	534464	49.993	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	75796	57.805	ng	85
66) n-Nitrosodiphenylamine	10.557	169	408766	60.080	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	129154	55.335	ng	98
68) Hexachlorobenzene	10.992	284	132669	51.165	ng	96
69) Atrazine	11.080	200	119998	53.197	ng	98
70) Pentachlorophenol	11.186	266	141817	92.430	ng	97
71) Phenanthrene	11.410	178	603249	52.581	ng	99
72) Anthracene	11.457	178	627949	55.139	ng	100
73) Carbazole	11.616	167	534682	52.243	ng	99
74) Di-n-butylphthalate	11.939	149	685526	58.110	ng	99
75) Fluoranthene	12.592	202	593913	50.733	ng	97
77) Benzidine	12.716	184	181425	48.546	ng	99
78) Pyrene	12.821	202	600283	39.922	ng	99
80) Butylbenzylphthalate	13.433	149	264651	58.509	ng	95
81) Benzo(a)anthracene	14.010	228	520808	52.400	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	109292	42.674	ng	#
83) Chrysene	14.045	228	484939	51.576	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	362217	75.084	ng	99
85) Di-n-octyl phthalate	14.604	149	575643	75.534	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	362213	43.223	ng	99
88) Benzo(b)fluoranthene	15.057	252	387171	55.105	ng	99
89) Benzo(k)fluoranthene	15.086	252	381013	55.603	ng	99
90) Benzo(a)pyrene	15.421	252	333350	54.009	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	289497	42.232	ng	100
92) Benzo(g,h,i)perylene	17.398	276	273846	37.673	ng	96

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

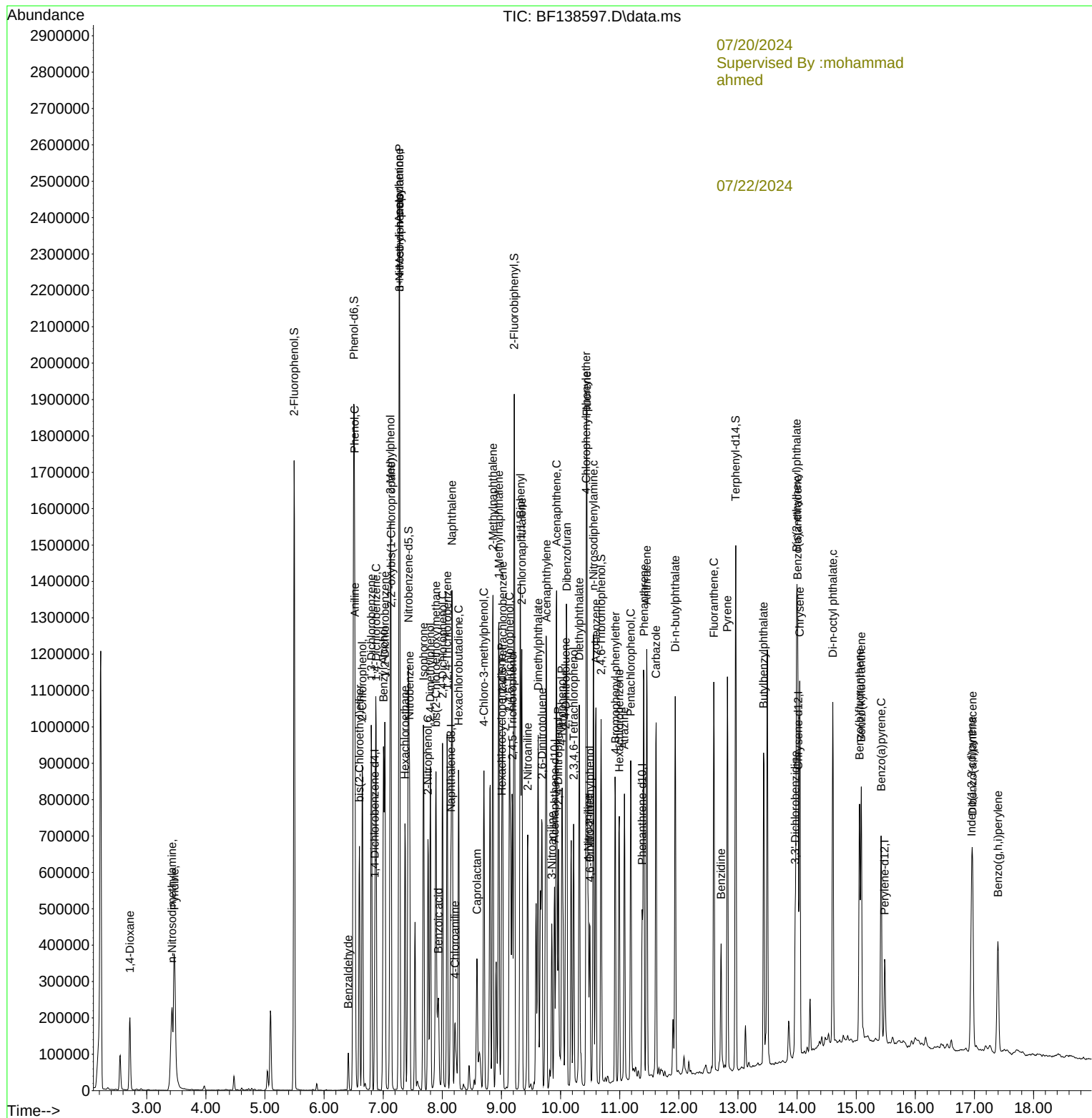
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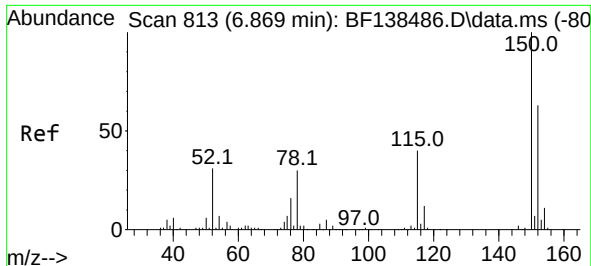
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

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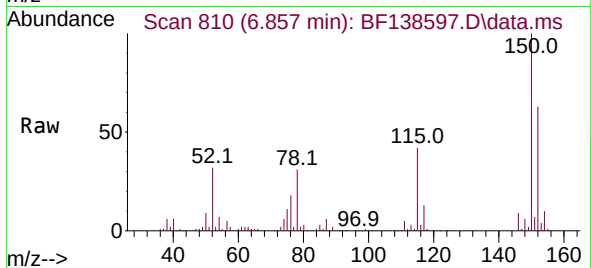
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

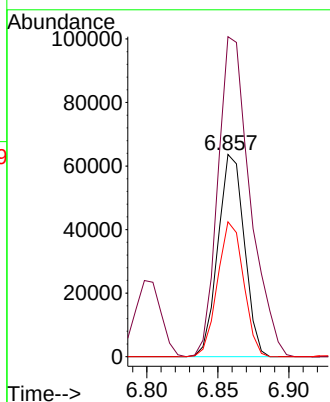
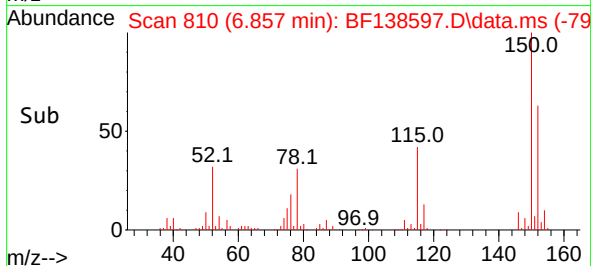
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion:152 Resp: 81960
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.4
115 66.7 50.3 75.5

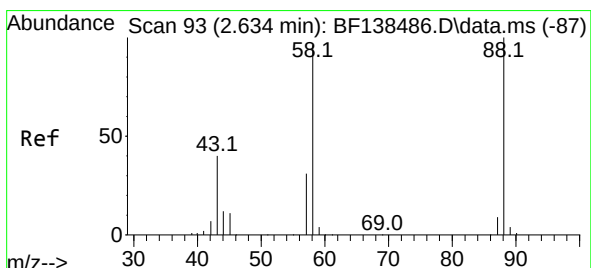
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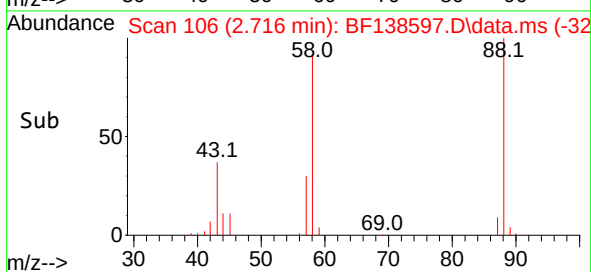
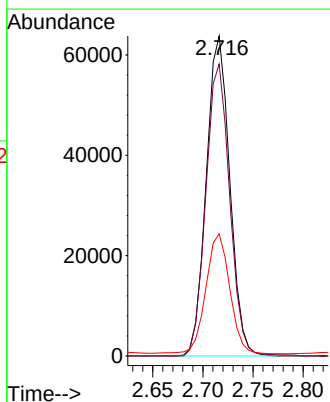
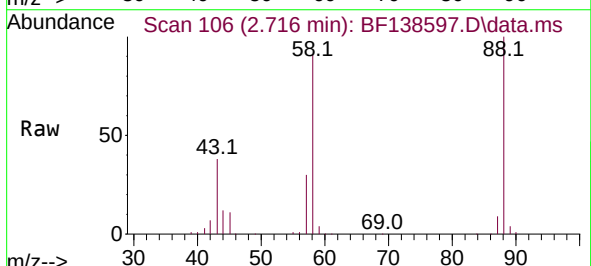
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ahmed

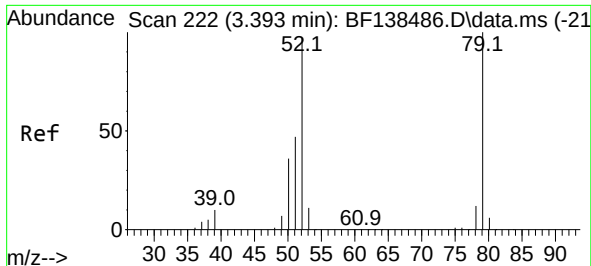
07/22/2024



#2
1,4-Dioxane
Concen: 45.313 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.082 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion: 88 Resp: 103864
Ion Ratio Lower Upper
88 100
58 93.0 74.6 112.0
43 38.3 31.8 47.6





#3

Pyridine

Concen: 47.120 ng

RT: 3.469 min Scan# 21

Delta R.T. 0.077 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

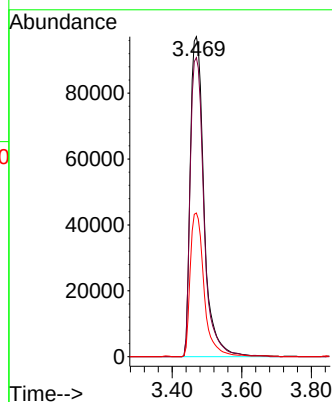
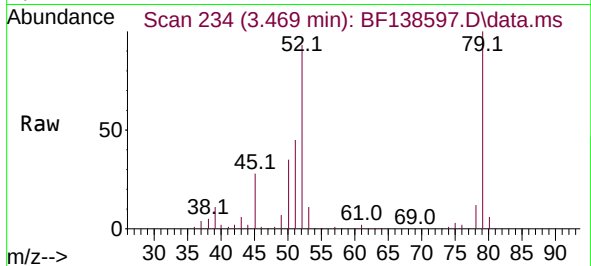
HR-1-071724MSD

Tgt Ion: 79 Resp: 266350

Ion	Ratio	Lower	Upper
79	100		
52	93.5	77.4	116.2
51	44.9	37.4	56.0

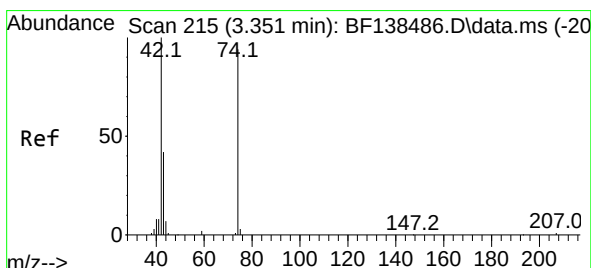
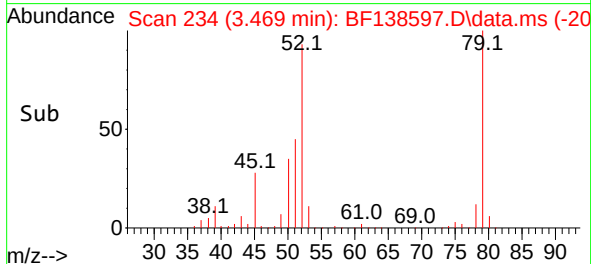
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#4

n-Nitrosodimethylamine

Concen: 53.146 ng

RT: 3.428 min Scan# 227

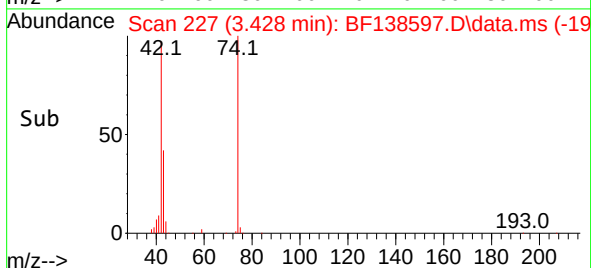
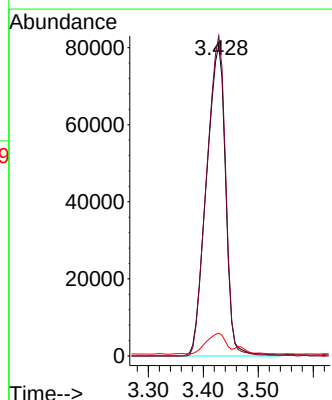
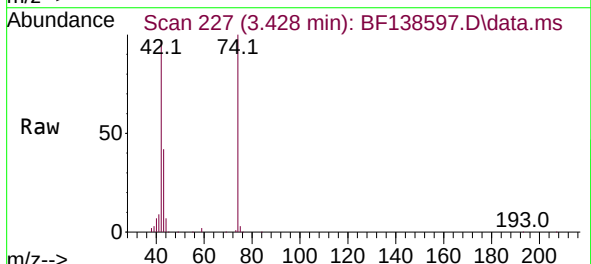
Delta R.T. 0.077 min

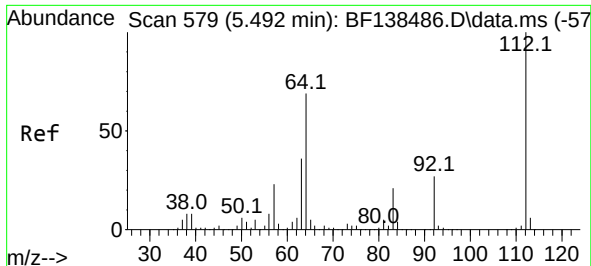
Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Tgt Ion: 42 Resp: 195564

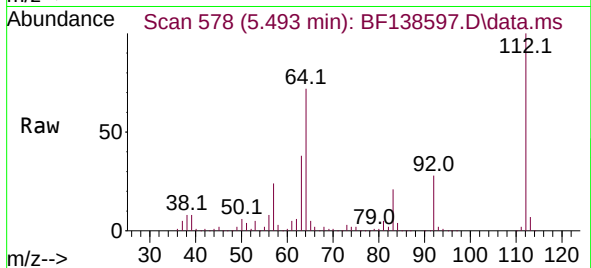
Ion	Ratio	Lower	Upper
42	100		
74	103.0	75.0	112.6
44	7.3	5.4	8.2





#5
2-Fluorophenol
Concen: 112.653 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

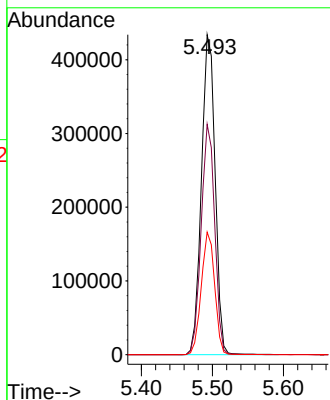
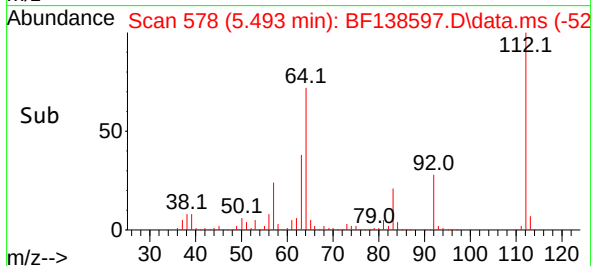
Instrument :
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Tgt Ion:112 Resp: 583029
Ion Ratio Lower Upper
112 100
64 72.0 55.1 82.7
63 38.3 29.0 43.6

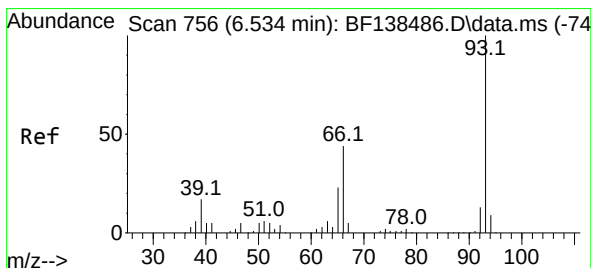
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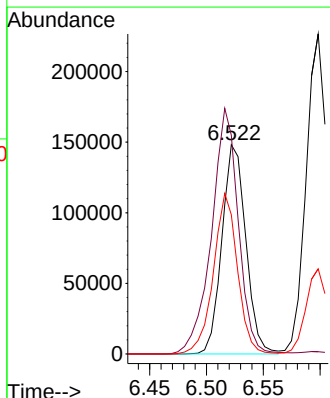
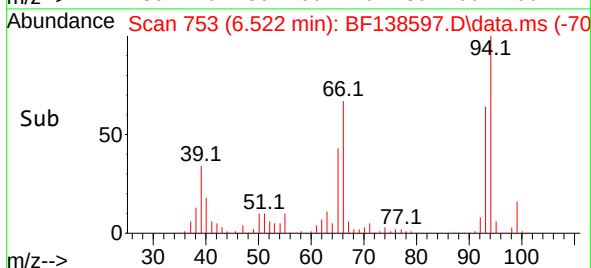
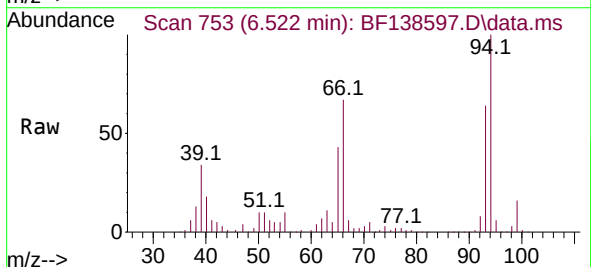
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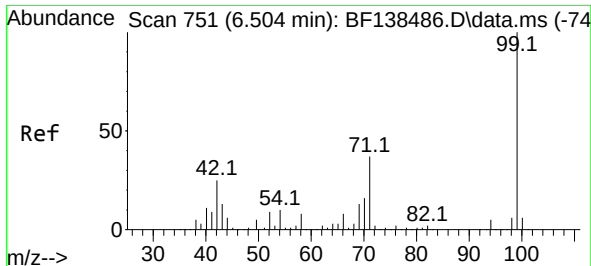
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#6
Aniline
Concen: 33.688 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138597.D
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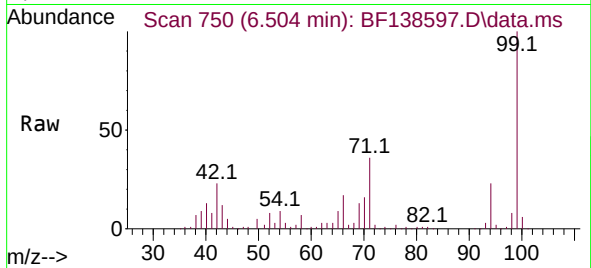
Tgt Ion: 93 Resp: 217239
Ion Ratio Lower Upper
93 100
66 104.5 35.4 53.0#
65 66.5 18.6 27.8#





#7
Phenol-d6
Concen: 113.905 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138597.D
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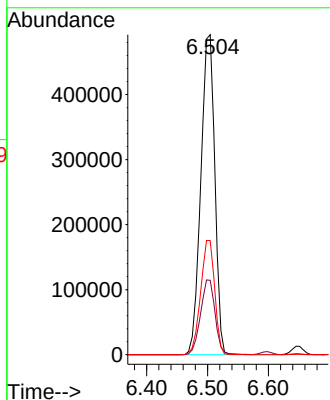
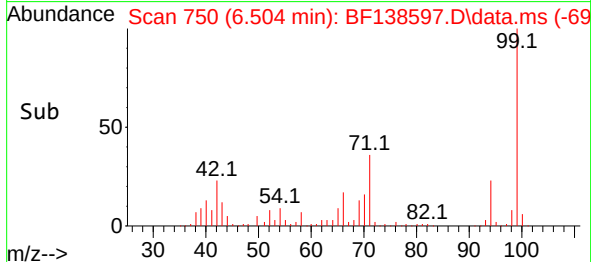
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Tgt Ion: 99 Resp: 784210
Ion Ratio Lower Upper
99 100
42 23.3 19.7 29.5
71 35.6 29.9 44.9

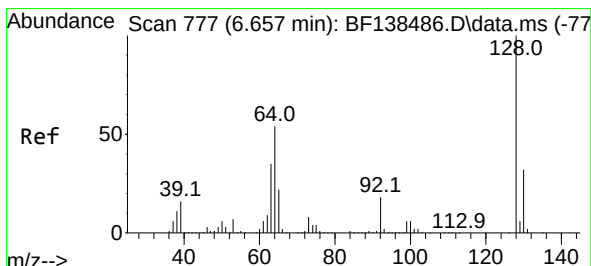
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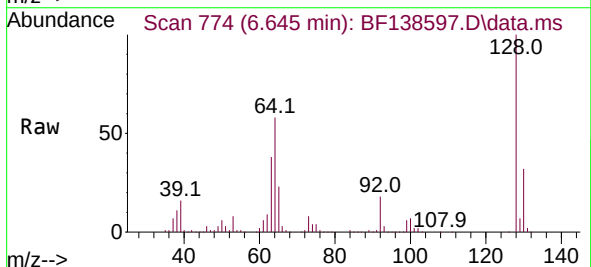


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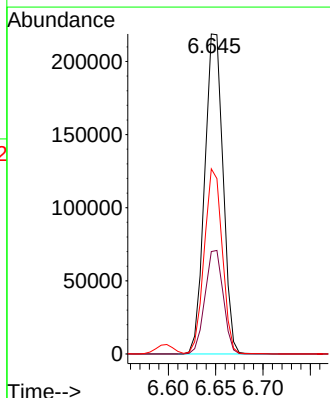
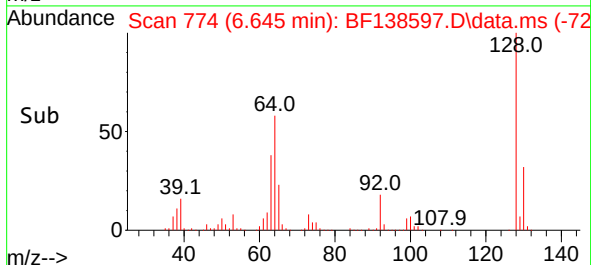
07/22/2024

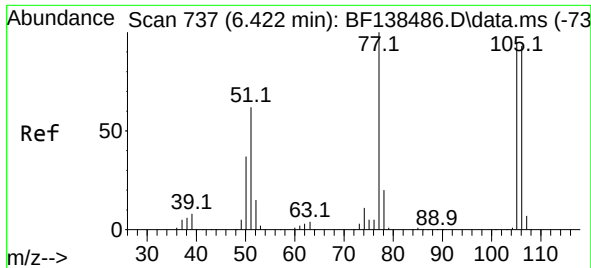


#8
2-Chlorophenol
Concen: 53.785 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02



Tgt Ion:128 Resp: 294335
Ion Ratio Lower Upper
128 100
130 32.0 12.1 52.1
64 57.9 34.4 74.4





#9

Benzaldehyde

Concen: 7.175 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

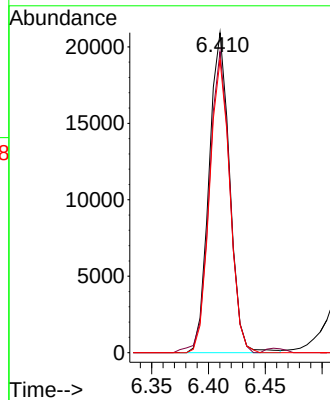
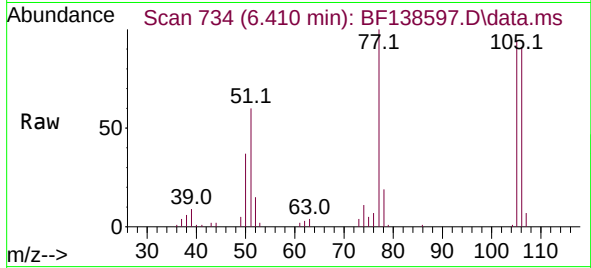
ClientSampleId :

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Tgt Ion: 77	Resp: 2644
Ion Ratio	Lower Upper
77 100	
105 94.1	75.1 115.1
106 91.5	73.2 113.2

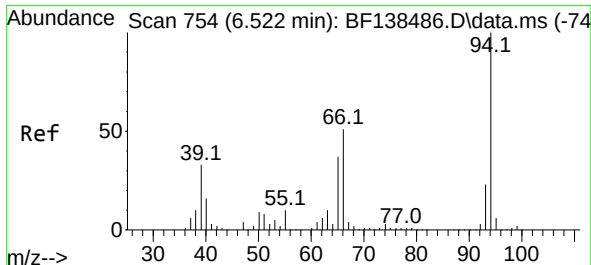
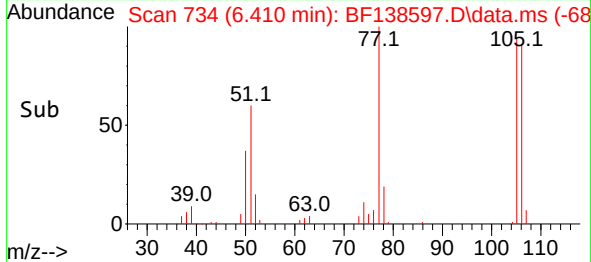
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07/22/2024



#10

Phenol

Concen: 51.831 ng

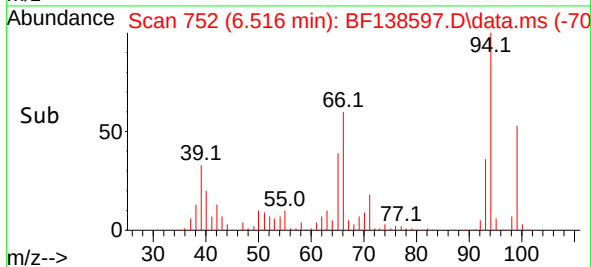
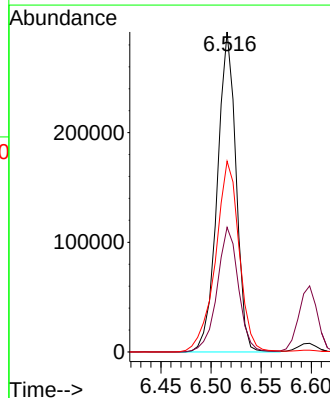
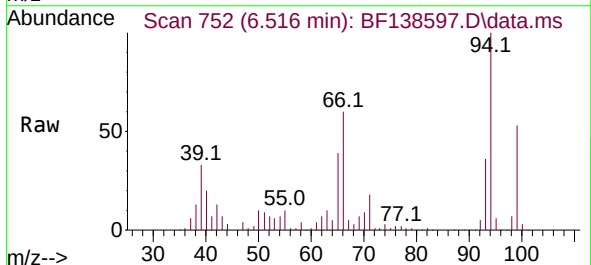
RT: 6.516 min Scan# 752

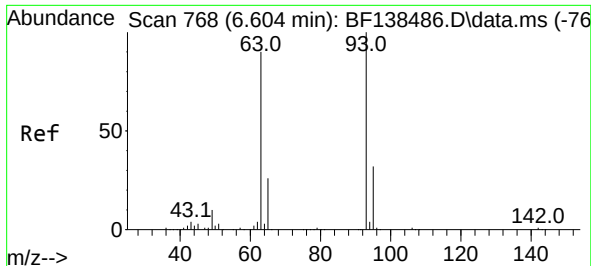
Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Tgt Ion: 94	Resp: 378777
Ion Ratio	Lower Upper
94 100	
65 39.0	16.7 56.7
66 59.6	31.2 71.2





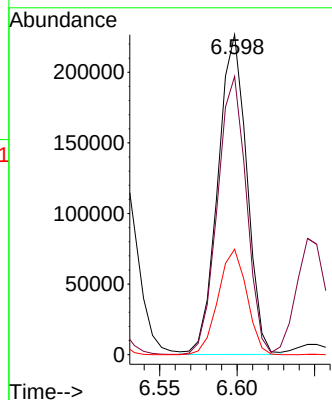
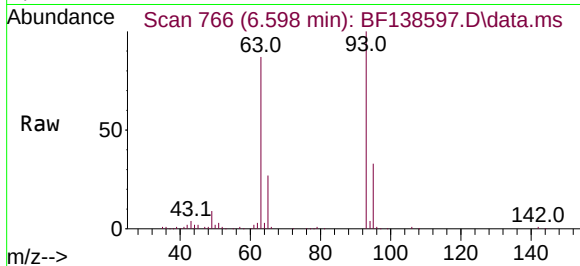
#11
bis(2-Chloroethyl)ether
Concen: 53.402 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

Tgt Ion: 93 Resp: 29382
Ion Ratio Lower Upper
93 100
63 87.0 68.8 108.8
95 33.0 11.8 51.8

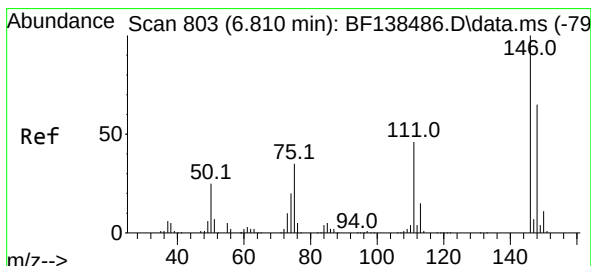
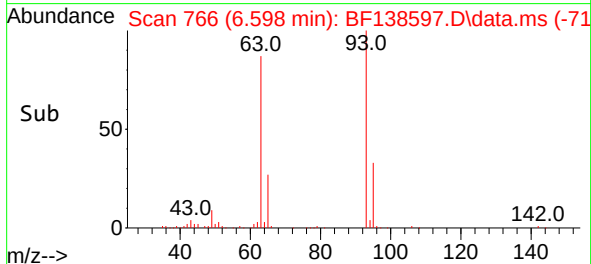
Manual Integrations
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Reviewed By :Yogesh
Patel



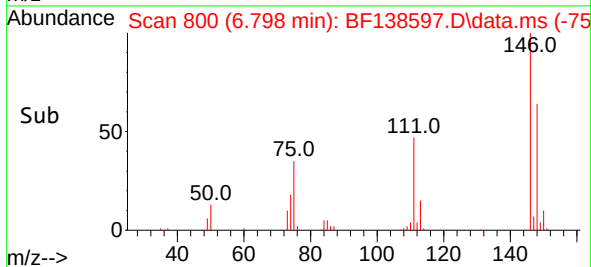
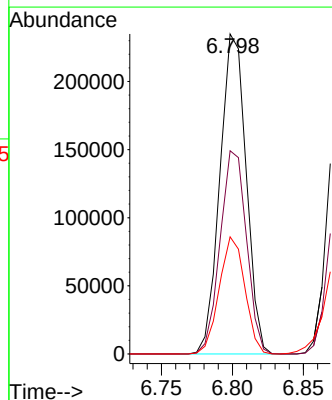
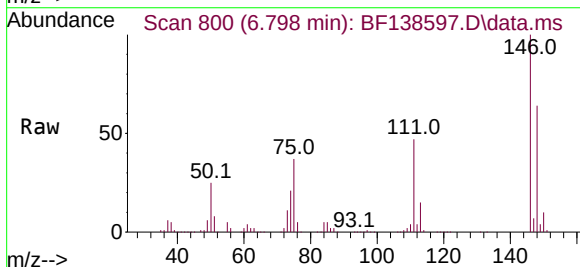
07/20/2024
Supervised By :mohammad
ahmed

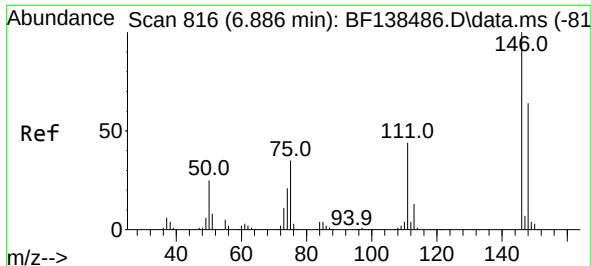
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#12
1,3-Dichlorobenzene
Concen: 49.078 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:146 Resp: 301892
Ion Ratio Lower Upper
146 100
148 63.5 52.4 78.6
75 36.6 27.8 41.8





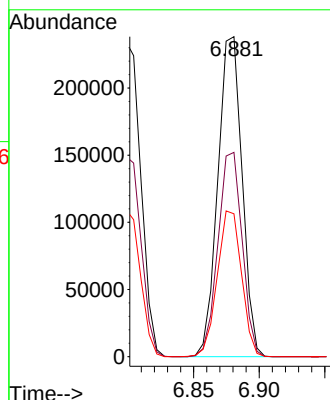
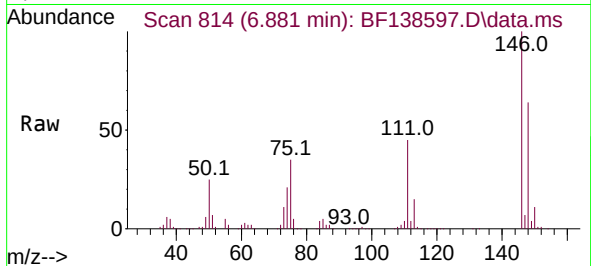
#13
1,4-Dichlorobenzene
Concen: 49.024 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

Tgt Ion:146 Resp: 30623
Ion Ratio Lower Upper
146 100
148 63.9 51.6 77.4
111 44.6 34.9 52.3

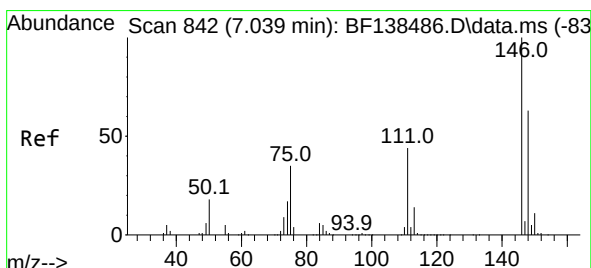
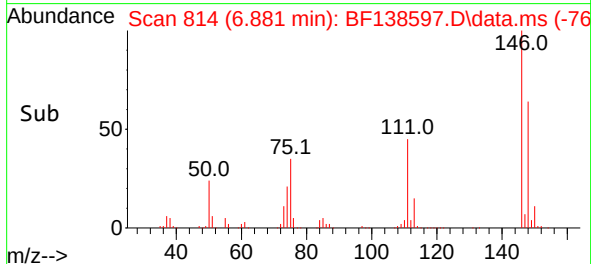
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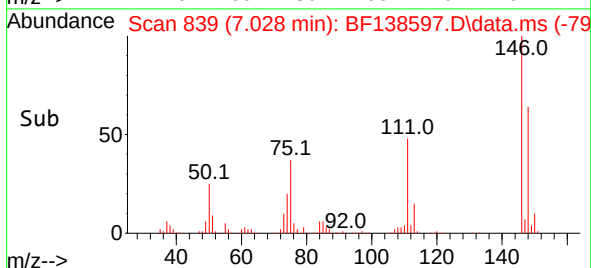
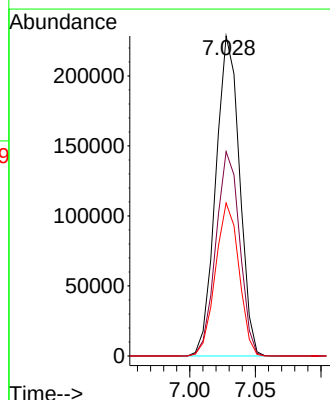
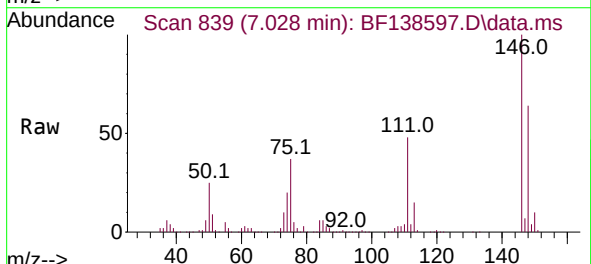
07/20/2024
Supervised By :mohammad
ahmed

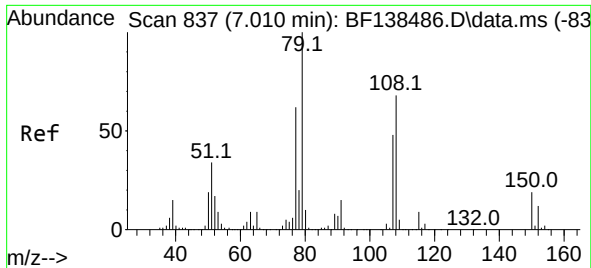
07/22/2024



#14
1,2-Dichlorobenzene
Concen: 49.430 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

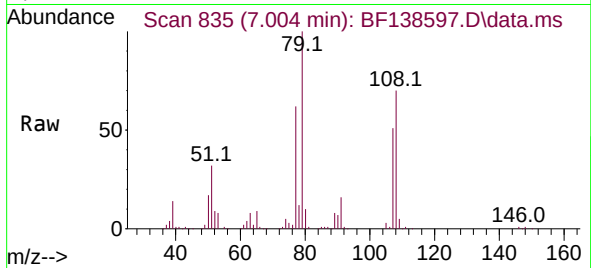
Tgt Ion:146 Resp: 287578
Ion Ratio Lower Upper
146 100
148 63.8 50.1 75.1
111 47.8 35.5 53.3





#15
Benzyl Alcohol
Concen: 54.242 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

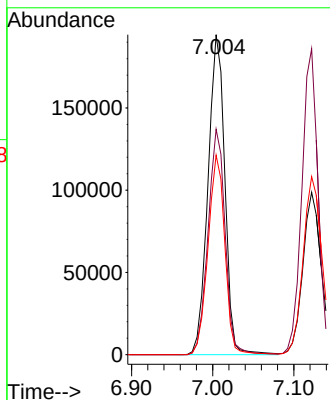
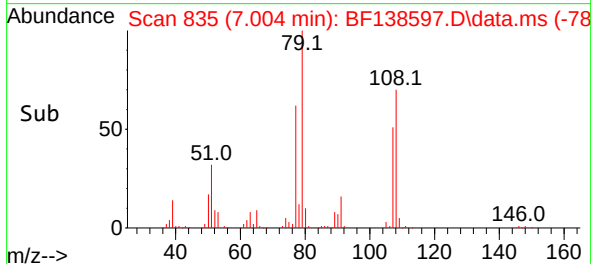
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion: 79 Resp: 280262
Ion Ratio Lower Upper
79 100
108 70.5 54.3 81.5
77 62.4 50.0 75.0

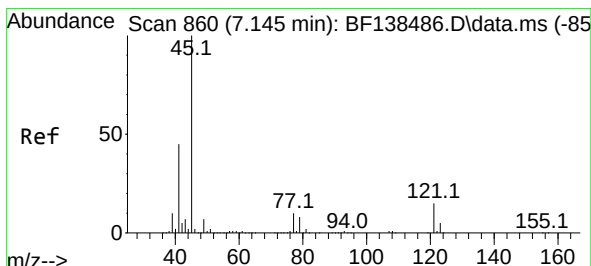
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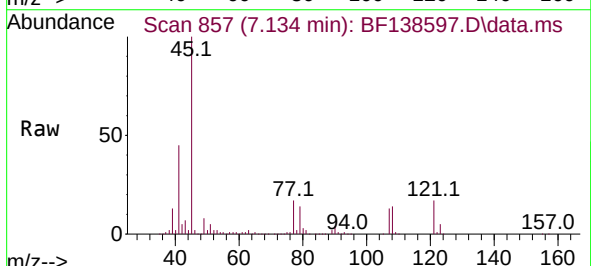


07/20/2024
Supervised By :mohammad
ahmed

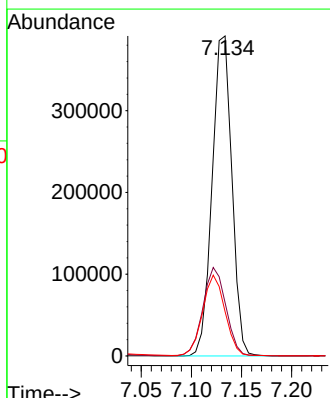
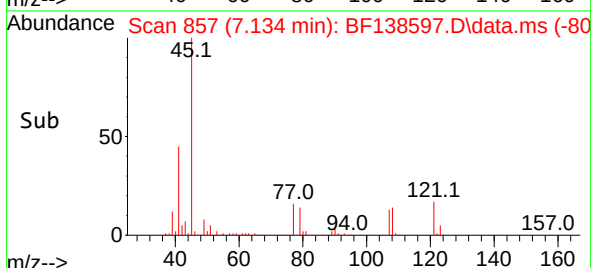
07/22/2024

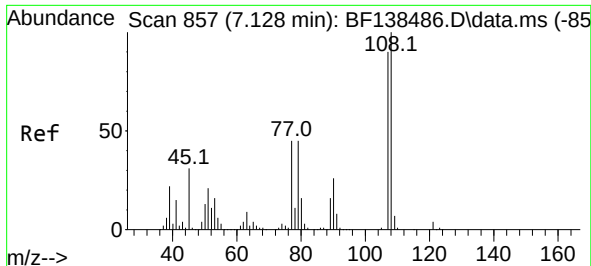


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.435 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02



Tgt Ion: 45 Resp: 534889
Ion Ratio Lower Upper
45 100
77 16.7 0.0 30.4
79 13.9 0.0 28.1





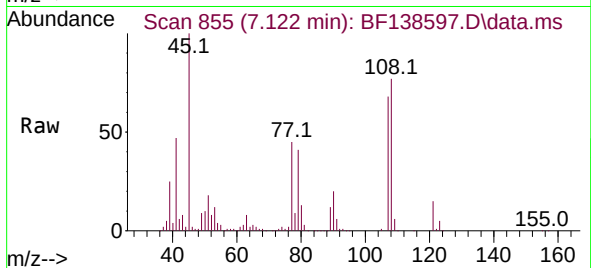
#17
2-Methylphenol
Concen: 50.880 ng
RT: 7.122 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

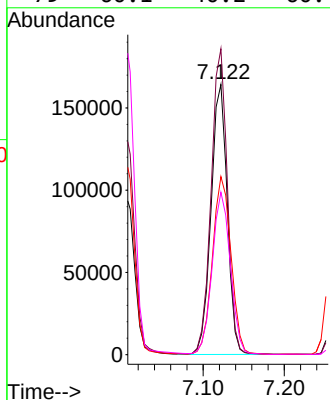
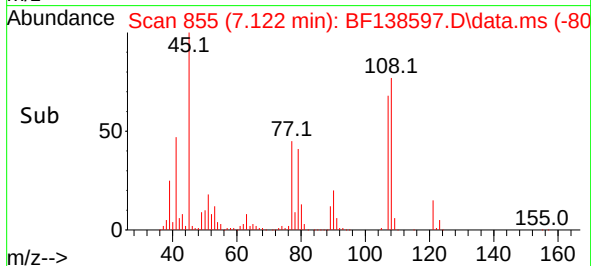
HR-1-071724MSD



Tgt Ion:107 Resp: 228198
Ion Ratio Lower Upper
107 100
108 113.2 89.0 133.4
77 65.9 40.3 60.5
79 60.1 40.2 60.4

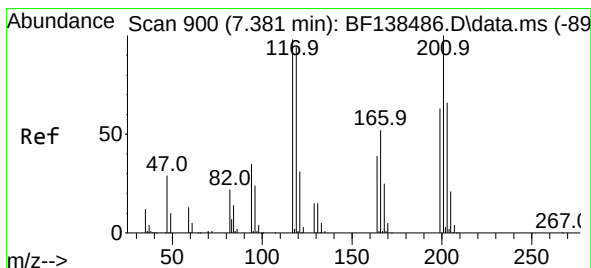
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Reviewed By :Yogesh
Patel



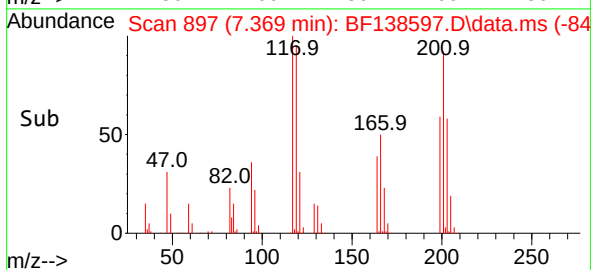
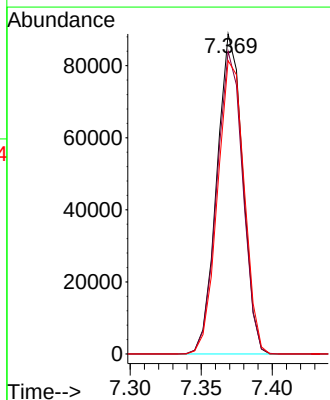
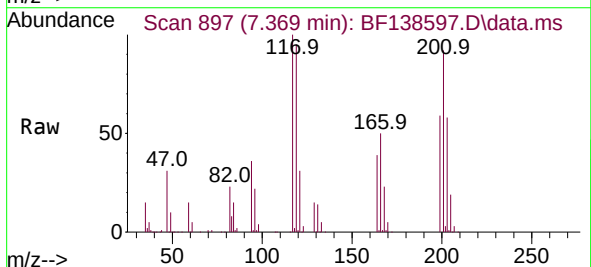
07/20/2024
Supervised By :mohammad
ahmed

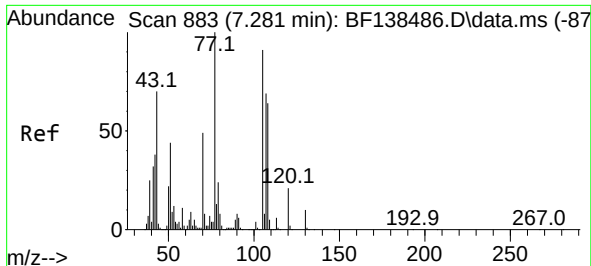
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#18
Hexachloroethane
Concen: 48.876 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

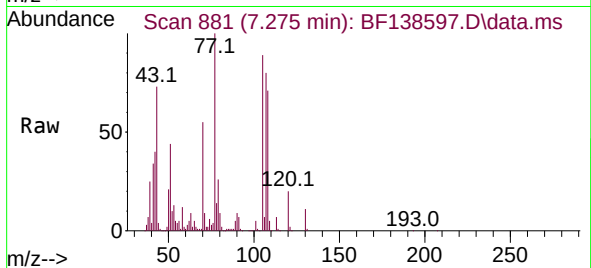
Tgt Ion:117 Resp: 112238
Ion Ratio Lower Upper
117 100
119 94.5 76.6 114.8
201 91.7 81.4 122.0





#19
n-Nitroso-di-n-propylamine
Concen: 52.024 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

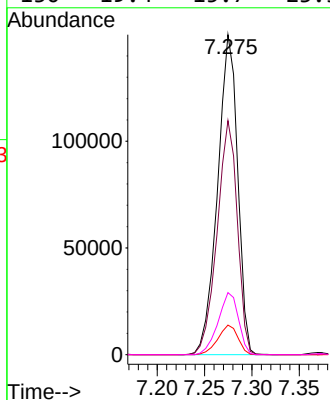
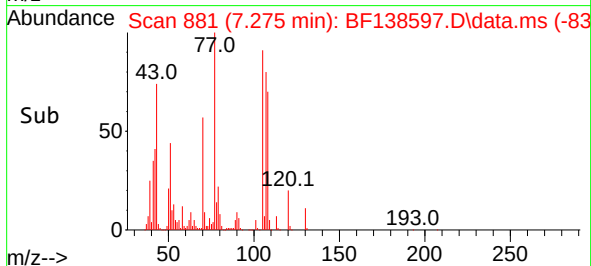
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion: 70 Resp: 221320
Ion Ratio Lower Upper
70 100
42 73.2 62.4 93.6
101 9.3 7.2 10.8
130 19.4 15.7 23.5

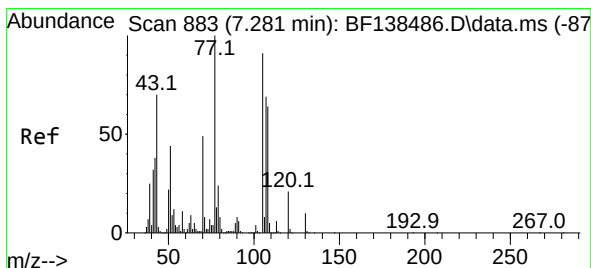
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Reviewed By :Yogesh
Patel

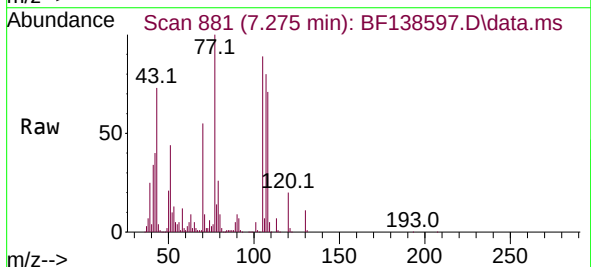


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Supervised By :mohammad
ahmed

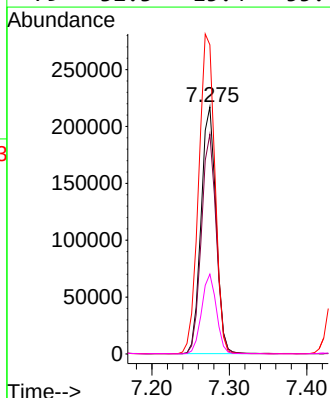
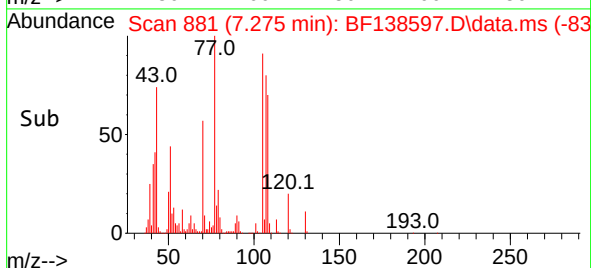
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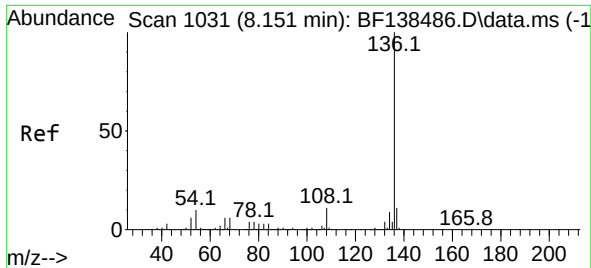


#20
3+4-Methylphenols
Concen: 51.533 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02



Tgt Ion:107 Resp: 291049
Ion Ratio Lower Upper
107 100
108 88.9 73.7 113.7
77 125.2 126.0 166.0#
79 32.3 15.4 55.4





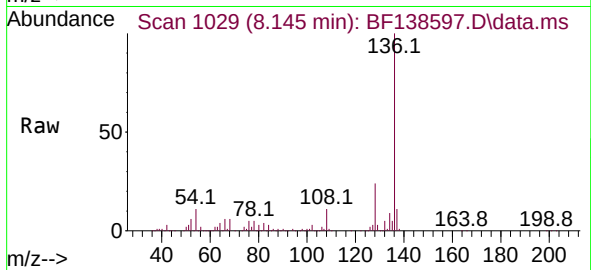
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

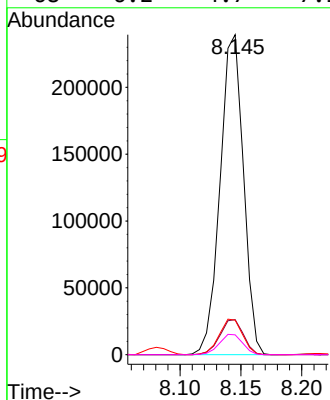
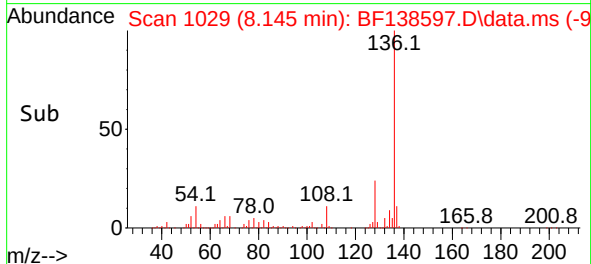
HR-1-071724MSD



Tgt Ion:136 Resp: 319145
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.8 8.1 12.1
68 6.2 4.7 7.1

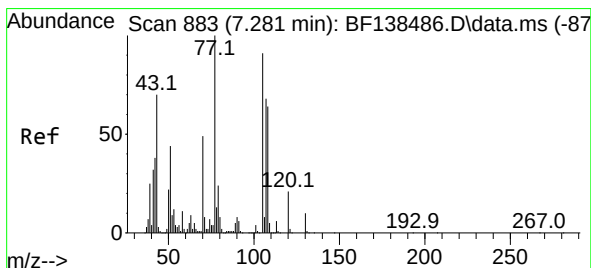
Manual Integrations
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Patel



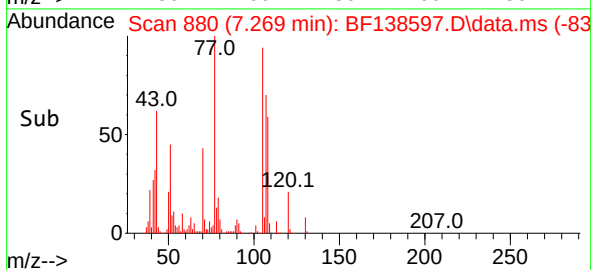
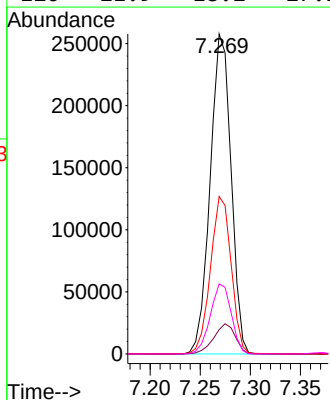
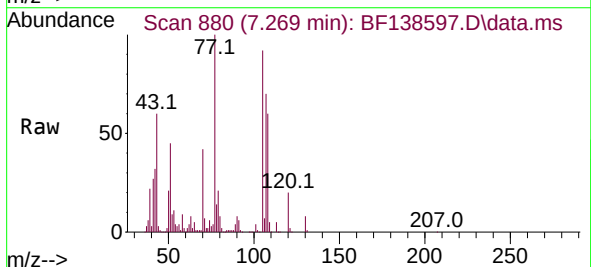
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Supervised By :mohammad
ahmed

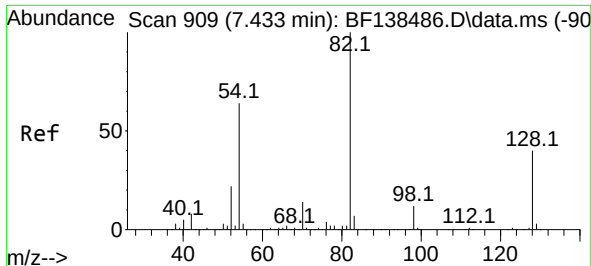
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#22
Acetophenone
Concen: 48.197 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:105 Resp: 373584
Ion Ratio Lower Upper
105 100
71 7.6 7.4 11.2
51 49.2 38.7 58.1
120 21.9 18.2 27.2





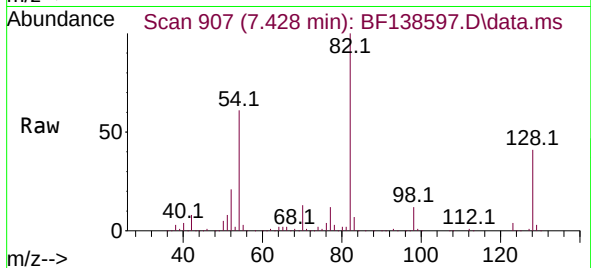
#23
Nitrobenzene-d5
Concen: 77.450 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

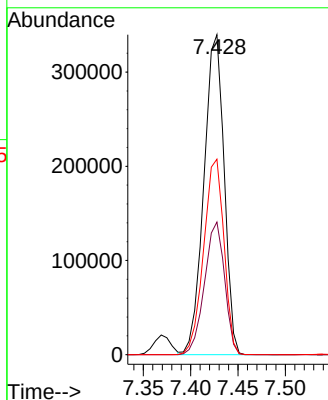
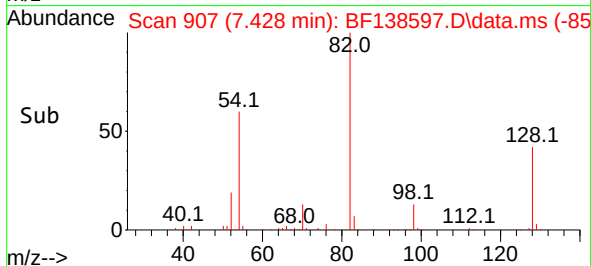
HR-1-071724MSD



Tgt Ion: 82 Resp: 503439
Ion Ratio Lower Upper
82 100
128 41.5 32.3 48.5
54 61.1 51.4 77.0

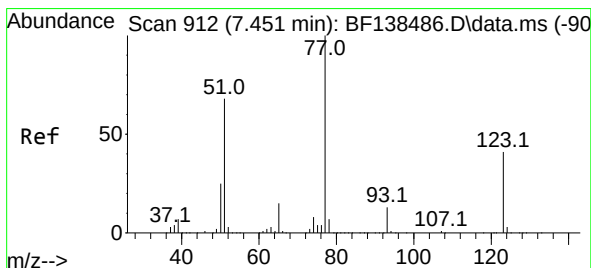
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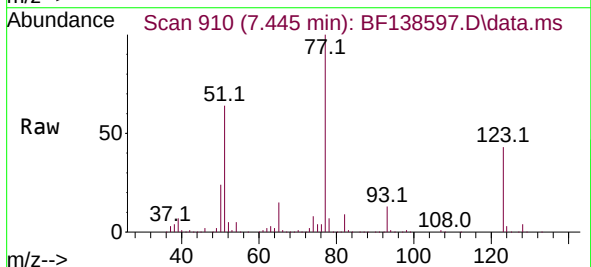


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Supervised By :mohammad
ahmed

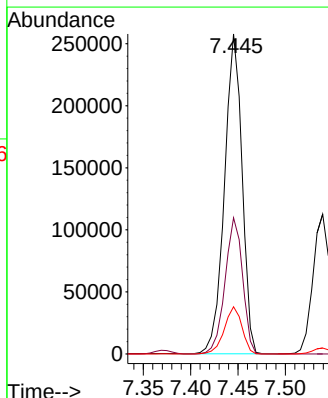
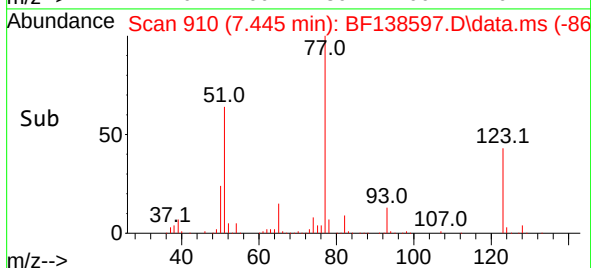
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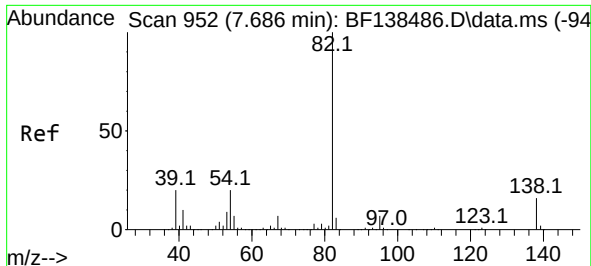


#24
Nitrobenzene
Concen: 50.418 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02



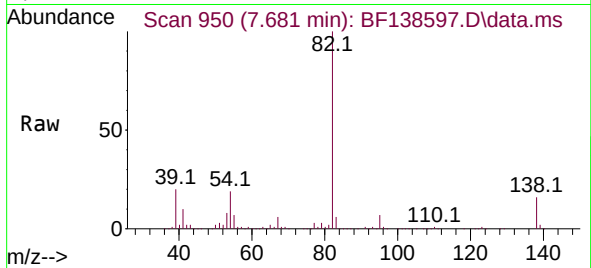
Tgt Ion: 77 Resp: 333041
Ion Ratio Lower Upper
77 100
123 42.5 32.4 48.6
65 14.8 11.8 17.8





#25
Isophorone
Concen: 52.952 ng
RT: 7.681 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

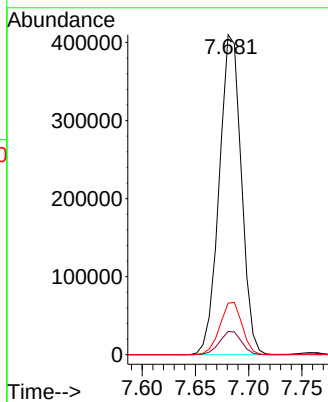
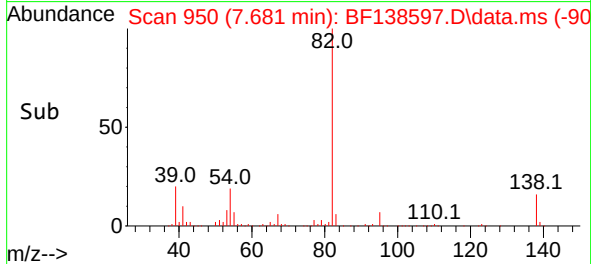
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion: 82 Resp: 591098
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 16.1 12.8 19.2

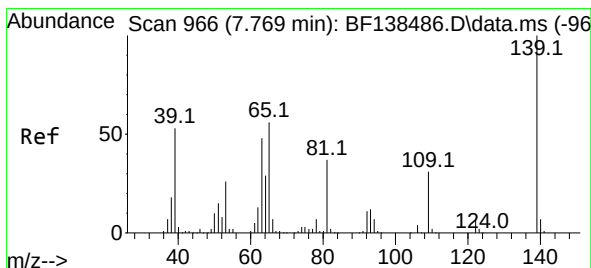
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Patel



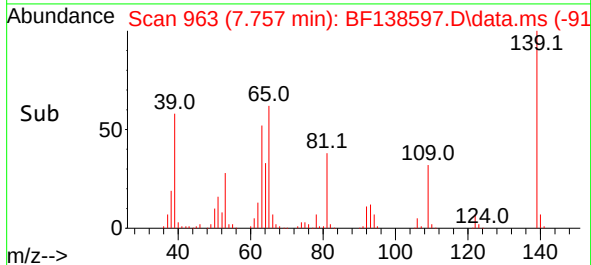
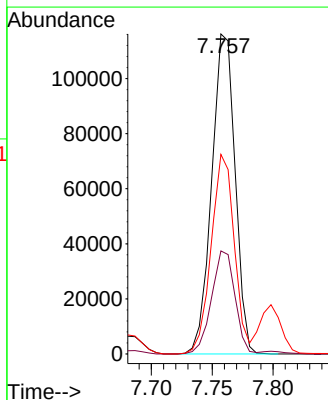
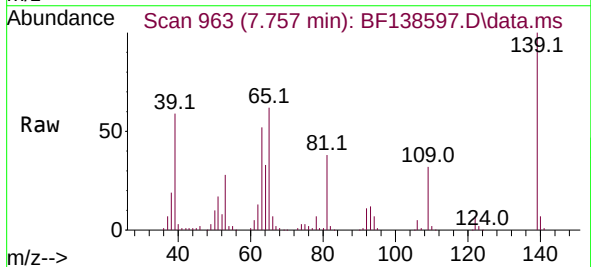
07/20/2024
Supervised By :mohammad
ahmed

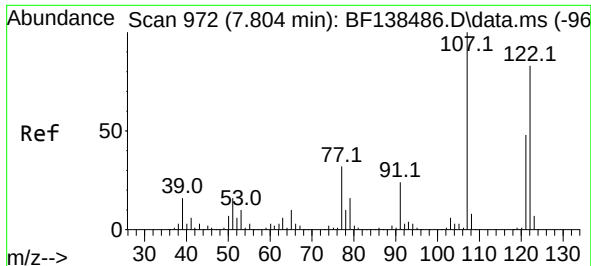
07/22/2024



#26
2-Nitrophenol
Concen: 54.962 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:139 Resp: 155608
Ion Ratio Lower Upper
139 100
109 32.2 24.8 37.2
65 62.4 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 57.611 ng m
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

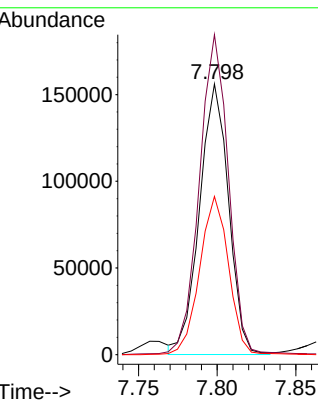
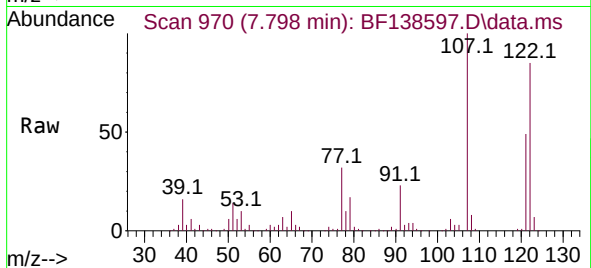
ClientSampleId :

HR-1-071724MSD

Tgt Ion:122 Resp: 200468
Ion Ratio Lower Upper
122 100
107 118.2 96.3 144.5
121 58.4 46.7 70.1

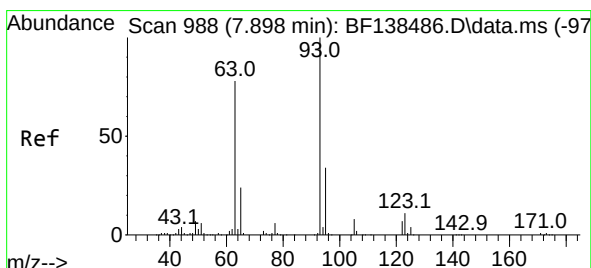
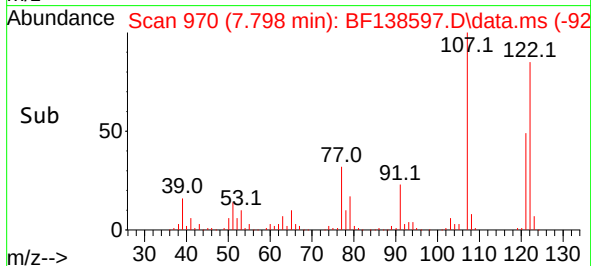
Manual Integrations
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Reviewed By :Yogesh
Patel



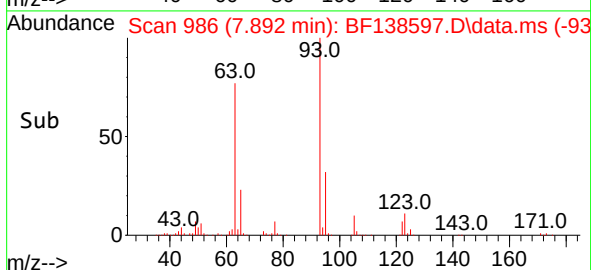
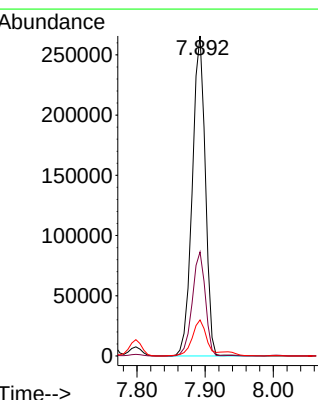
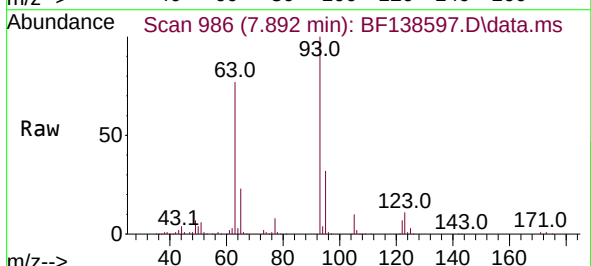
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Supervised By :mohammad
ahmed

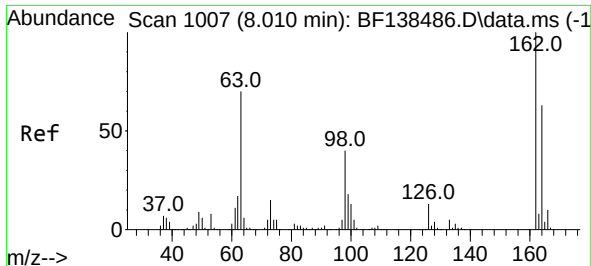
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#28
bis(2-Chloroethoxy)methane
Concen: 53.027 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion: 93 Resp: 353759
Ion Ratio Lower Upper
93 100
95 32.5 27.0 40.6
123 11.2 9.1 13.7





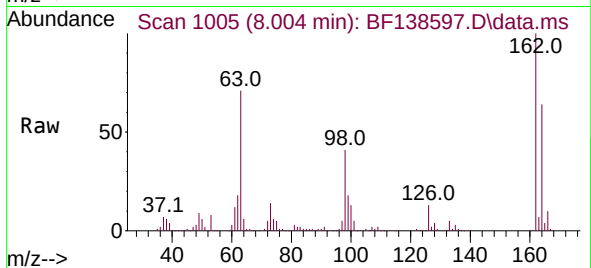
#29
2,4-Dichlorophenol
Concen: 50.348 ng
RT: 8.004 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

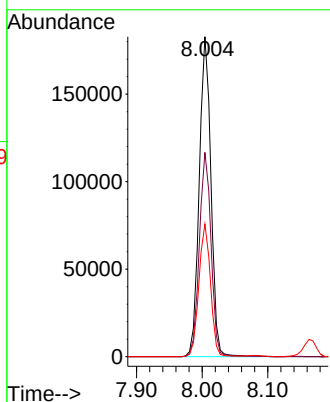
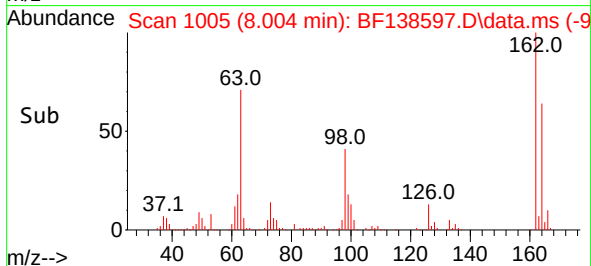
HR-1-071724MSD



Tgt Ion:162 Resp: 227500
Ion Ratio Lower Upper
162 100
164 63.9 42.6 82.6
98 41.4 20.1 60.1

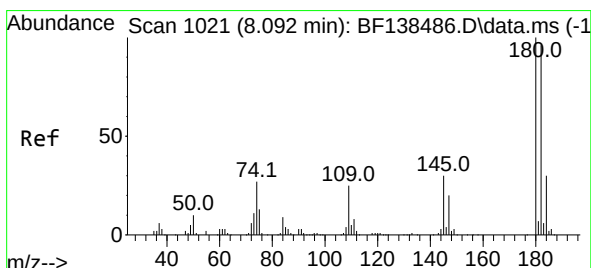
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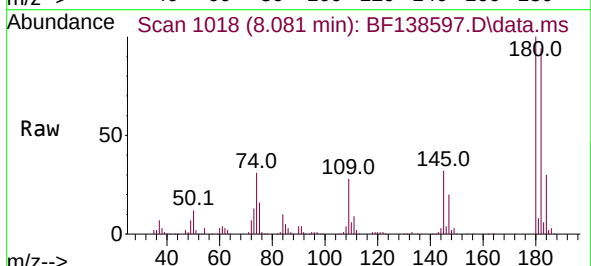


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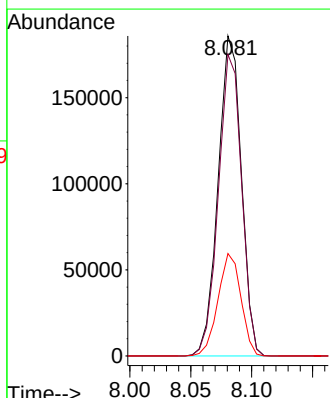
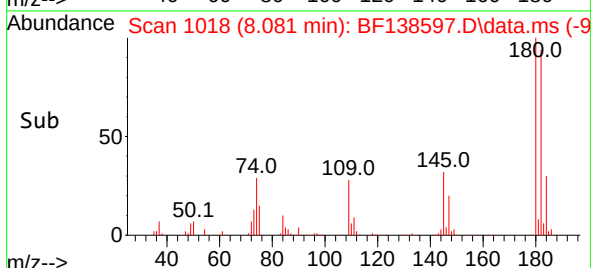
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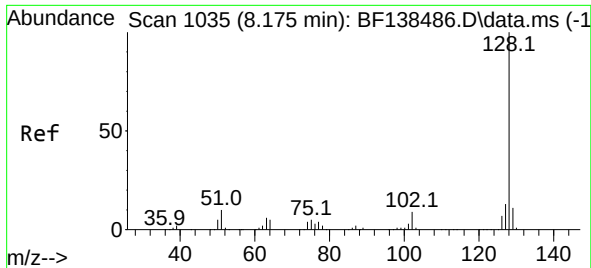


#30
1,2,4-Trichlorobenzene
Concen: 46.859 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02



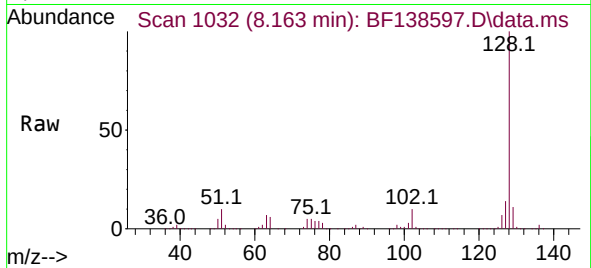
Tgt Ion:180 Resp: 246667
Ion Ratio Lower Upper
180 100
182 94.2 76.9 115.3
145 32.0 23.9 35.9





#31
Naphthalene
Concen: 49.794 ng
RT: 8.163 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

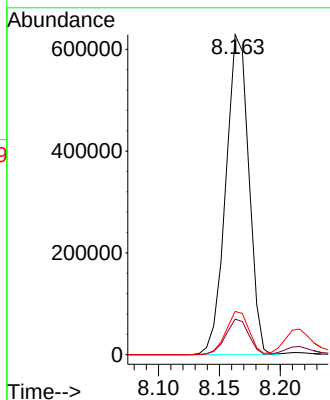
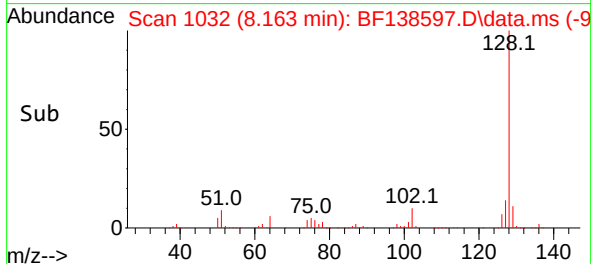
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion:128 Resp: 82648
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.7 16.1

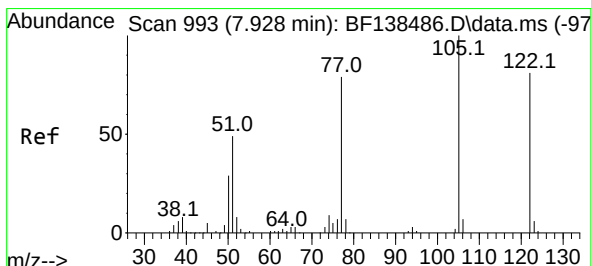
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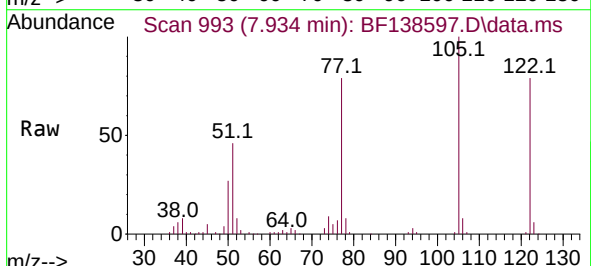


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Supervised By :mohammad
ahmed

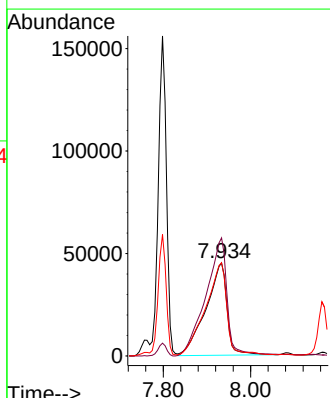
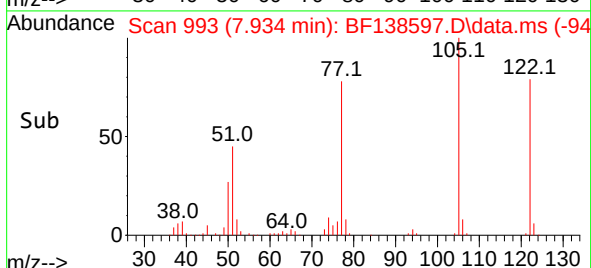
07/22/2024

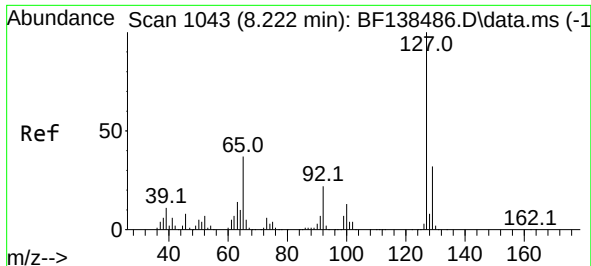


#32
Benzoic acid
Concen: 45.524 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02



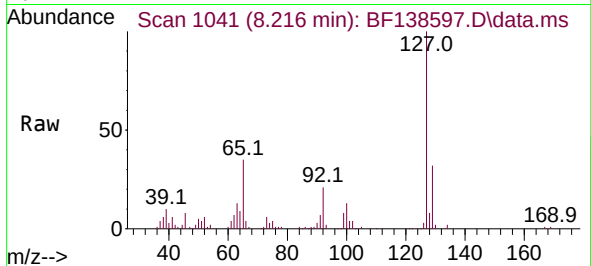
Tgt Ion:122 Resp: 151086
Ion Ratio Lower Upper
122 100
105 127.1 101.5 141.5
77 100.3 77.3 117.3





#33
4-Chloroaniline
Concen: 15.913 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

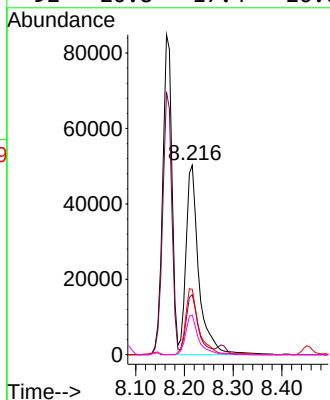
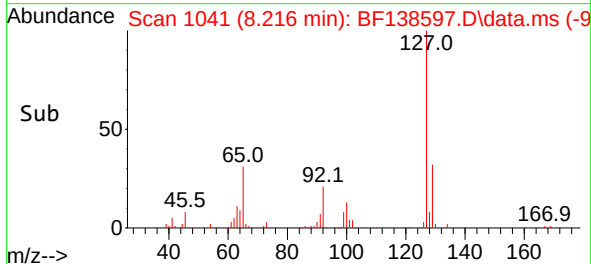
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.6	38.4
65	34.5	29.6	44.4
92	20.8	17.4	26.0

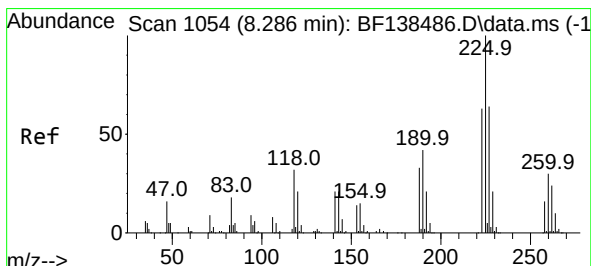
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Reviewed By :Yogesh
Patel



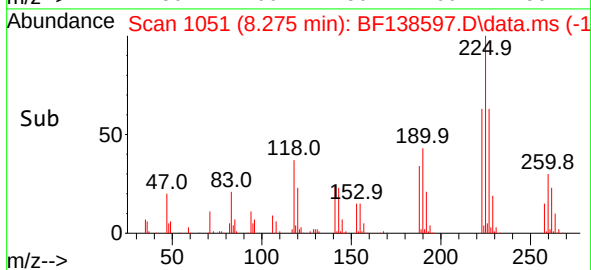
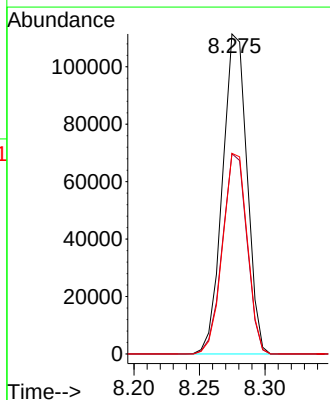
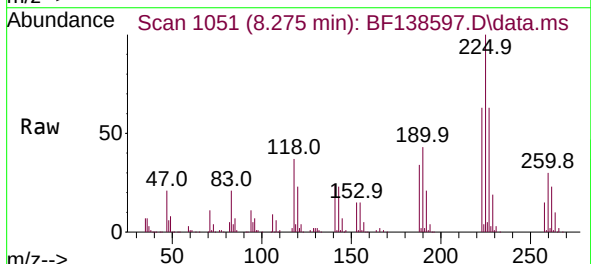
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Supervised By :mohammad
ahmed

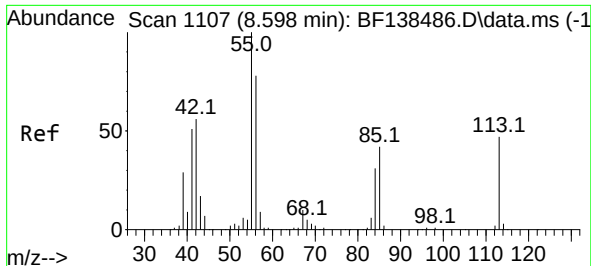
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#34
Hexachlorobutadiene
Concen: 44.723 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

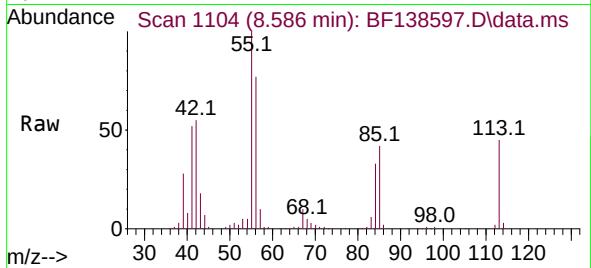
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.0	75.0
227	62.7	51.0	76.6





#35
Caprolactam
Concen: 47.875 ng m
RT: 8.586 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

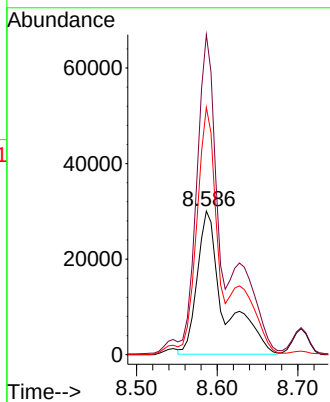
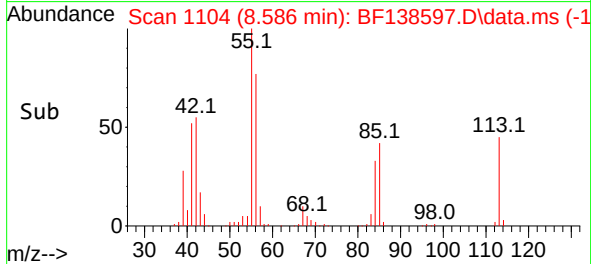
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion:113 Resp: 69808
Ion Ratio Lower Upper
113 100
55 222.7 192.5 232.5
56 172.1 145.3 185.3

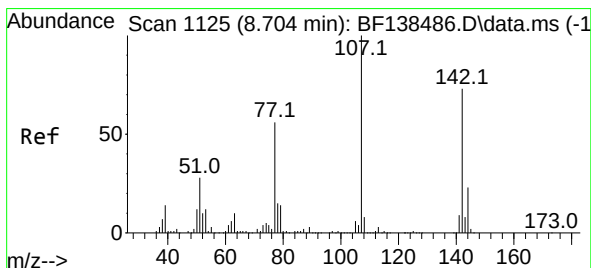
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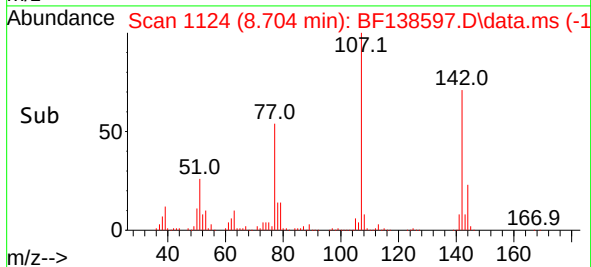
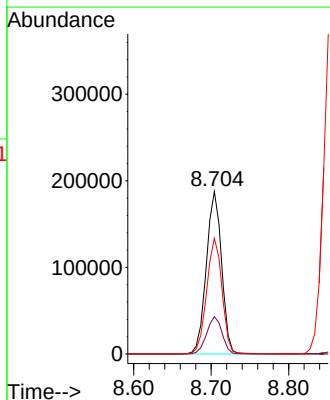
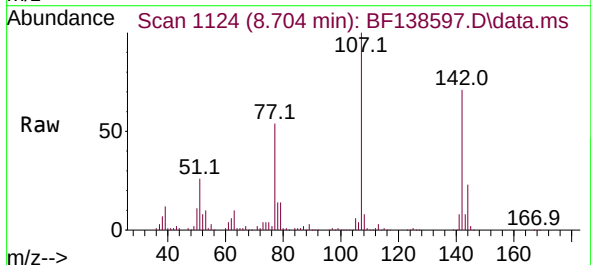
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Supervised By :mohammad
ahmed

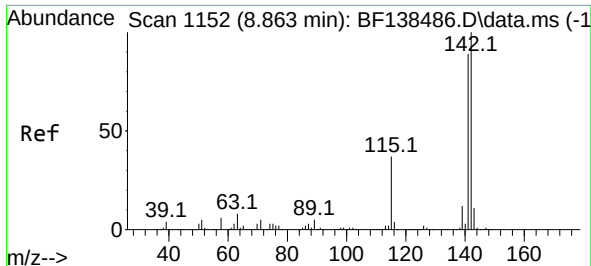
07/22/2024



#36
4-Chloro-3-methylphenol
Concen: 50.923 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:107 Resp: 257608
Ion Ratio Lower Upper
107 100
144 23.0 18.6 27.8
142 71.3 58.6 88.0





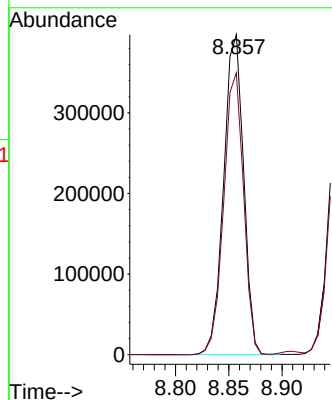
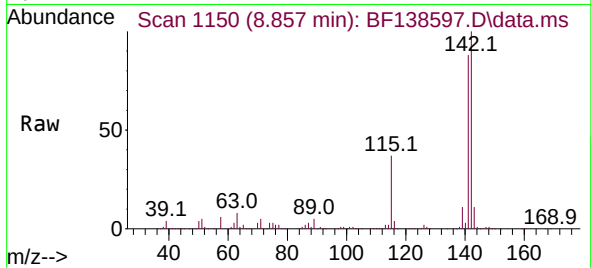
#37
2-Methylnaphthalene
Concen: 48.278 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

Tgt Ion:142 Resp: 51567
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.0

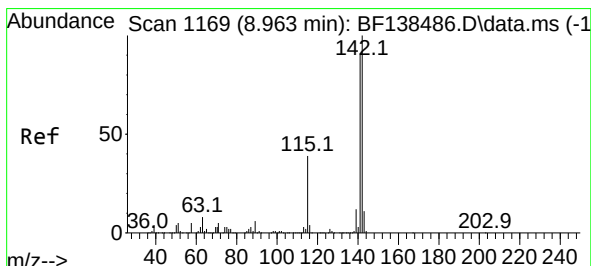
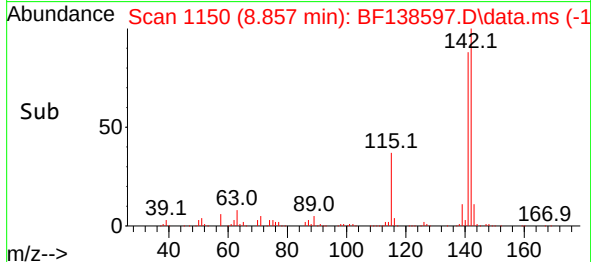
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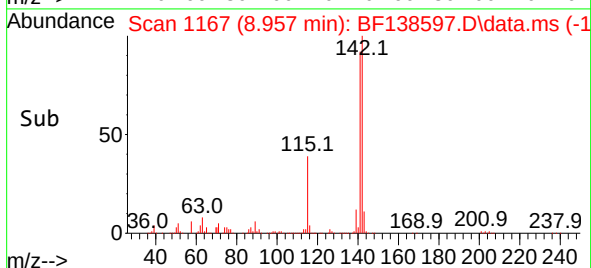
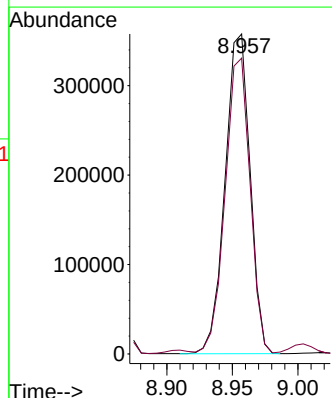
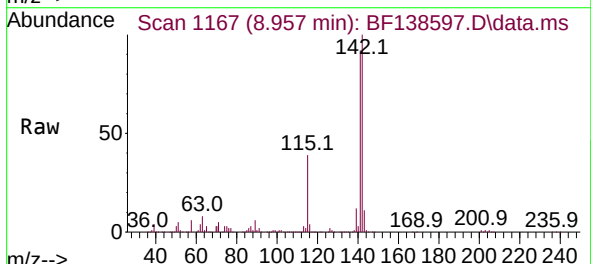
07/20/2024
Supervised By :mohammad
ahmed

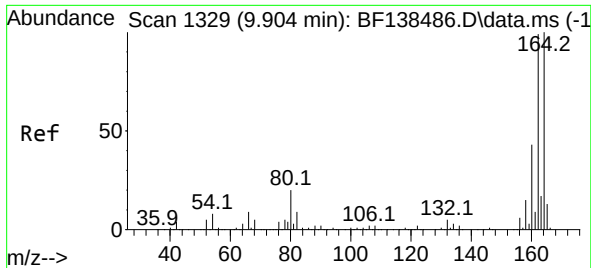
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#38
1-Methylnaphthalene
Concen: 45.520 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

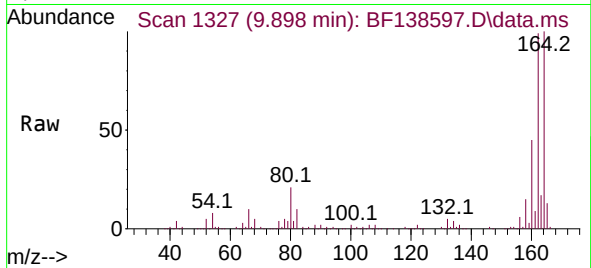
Tgt Ion:142 Resp: 474521
Ion Ratio Lower Upper
142 100
141 92.5 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

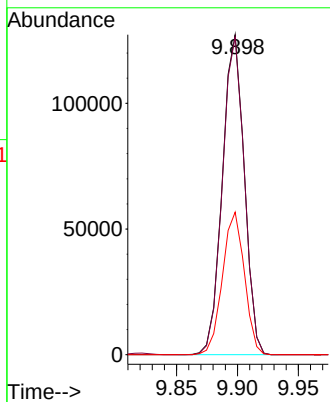
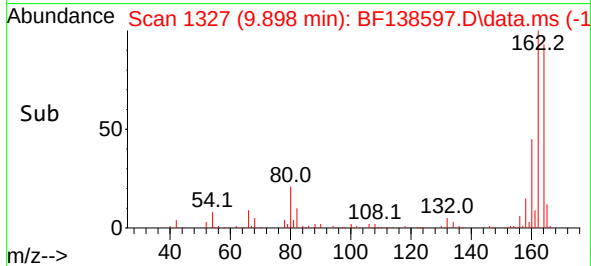
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion:164 Resp: 159510
Ion Ratio Lower Upper
164 100
162 99.3 79.0 118.6
160 44.5 34.4 51.6

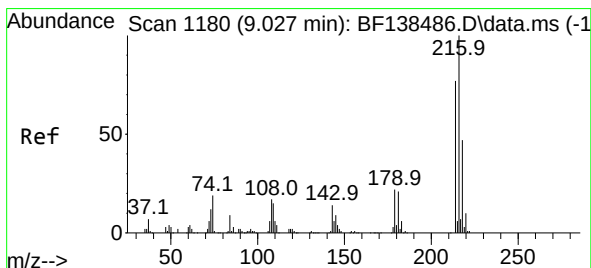
Manual Integrations
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Patel

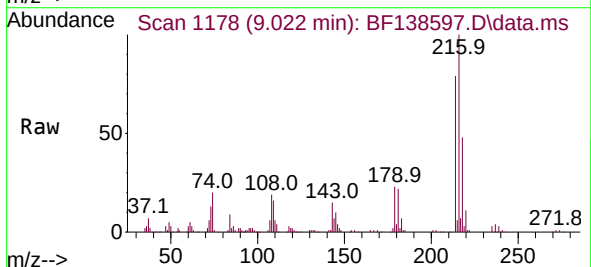


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ahmed

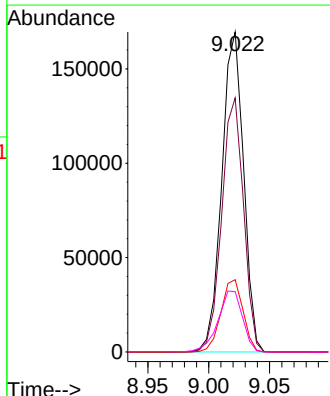
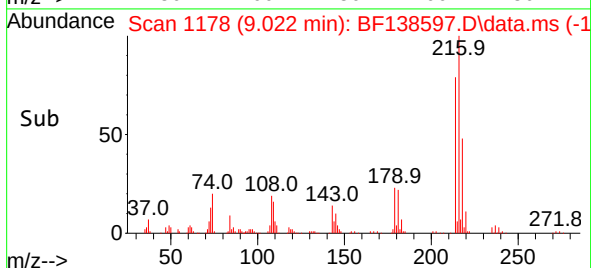
07/22/2024

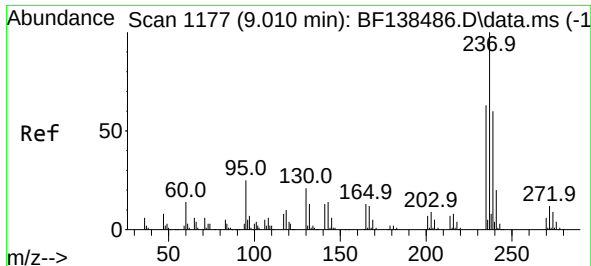


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.340 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02



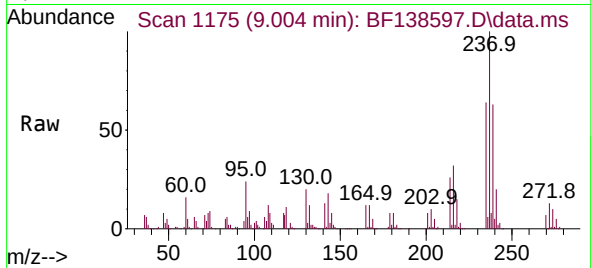
Tgt Ion:216 Resp: 210465
Ion Ratio Lower Upper
216 100
214 79.6 62.8 94.2
179 23.0 17.7 26.5
108 21.5 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 74.811 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

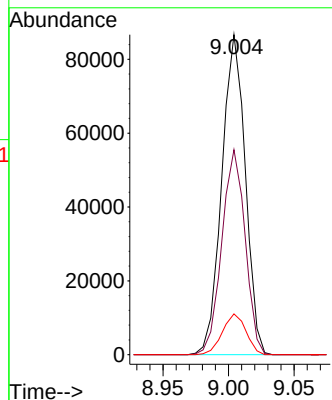
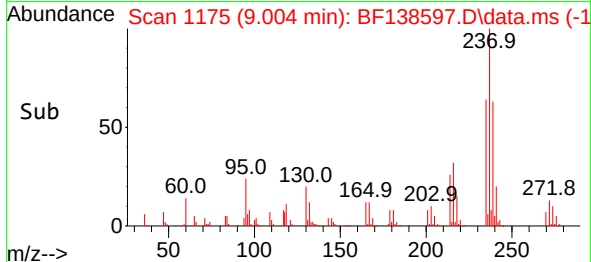
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion:237 Resp: 107958
Ion Ratio Lower Upper
237 100
235 64.0 43.3 83.3
272 12.8 0.0 32.3

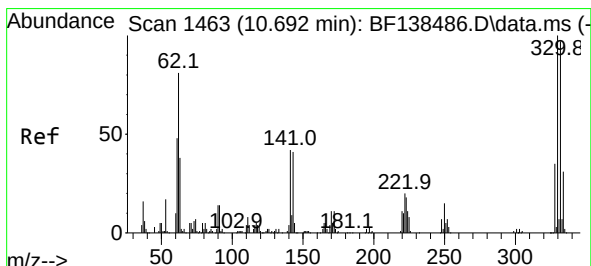
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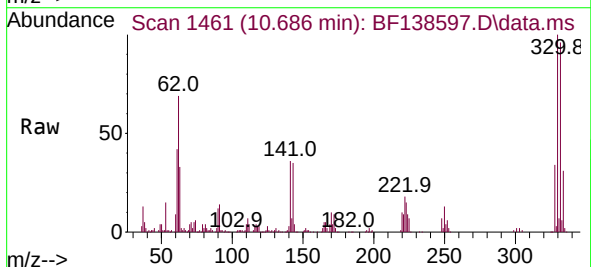


07/20/2024
Supervised By :mohammad
ahmed

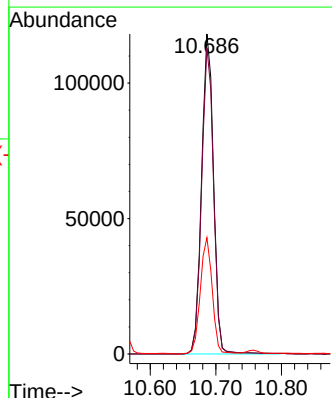
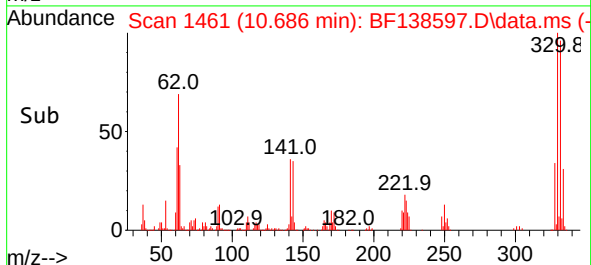
07/22/2024

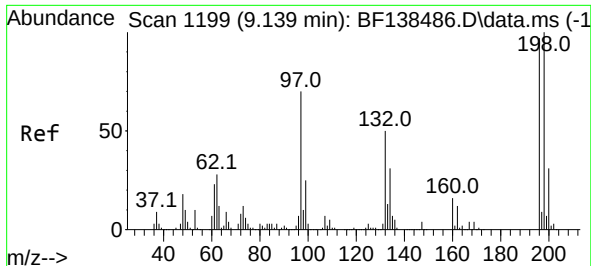


#42
2,4,6-Tribromophenol
Concen: 100.723 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02



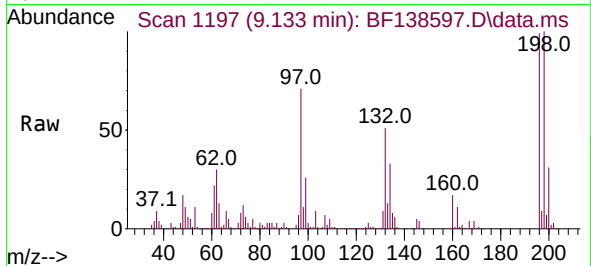
Tgt Ion:330 Resp: 150161
Ion Ratio Lower Upper
330 100
332 95.4 76.8 115.2
141 36.3 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 51.296 ng
RT: 9.133 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

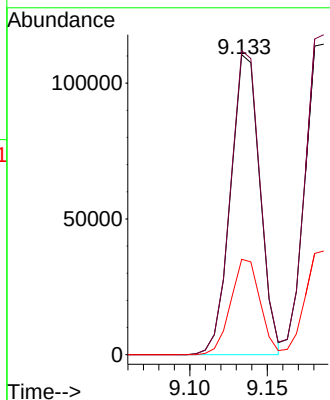
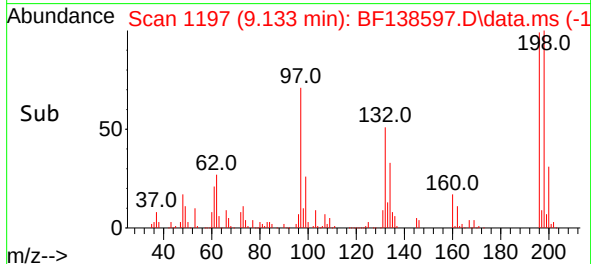
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion:196 Resp: 14547
Ion Ratio Lower Upper
196 100
198 101.3 82.3 123.5
200 31.8 25.8 38.6

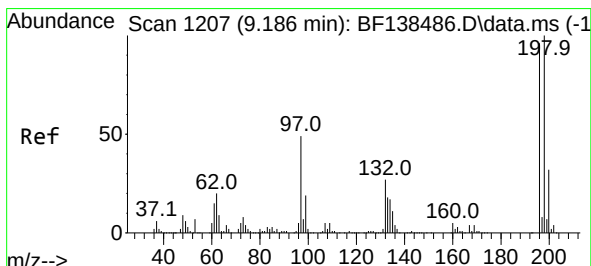
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Patel



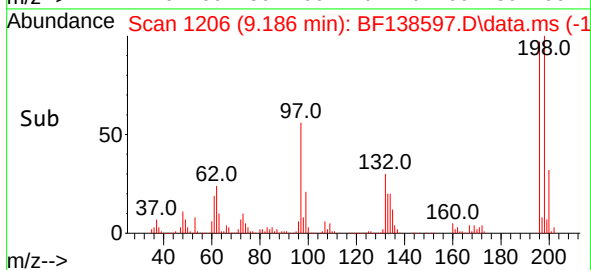
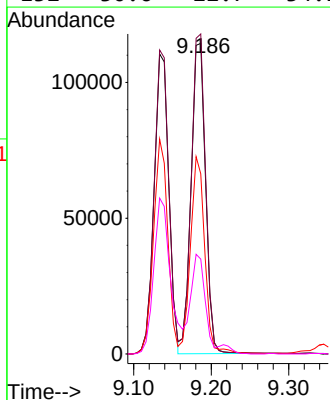
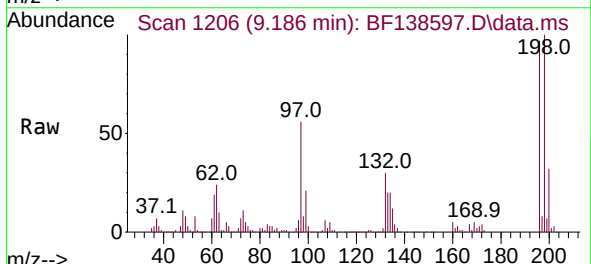
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Supervised By :mohammad
ahmed

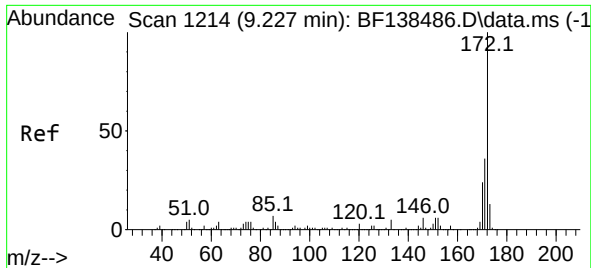
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#44
2,4,5-Trichlorophenol
Concen: 47.499 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

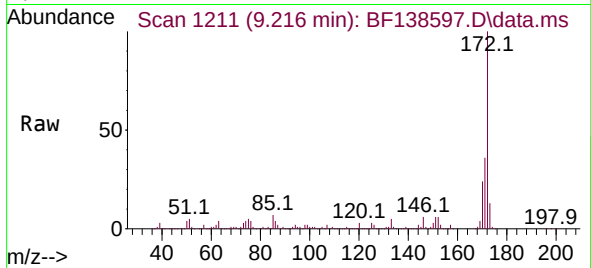
Tgt Ion:196 Resp: 148157
Ion Ratio Lower Upper
196 100
198 103.0 82.8 124.2
97 58.0 41.0 61.4
132 30.6 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 79.059 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

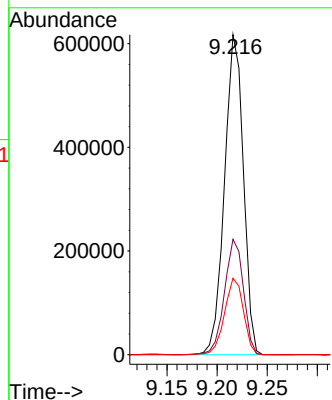
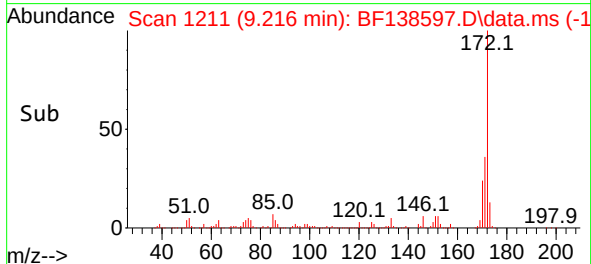
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion:172 Resp: 80691
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.9 18.9 28.3

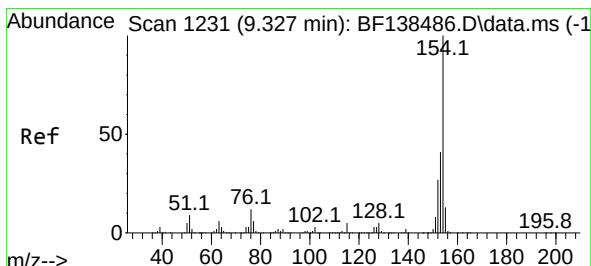
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Patel

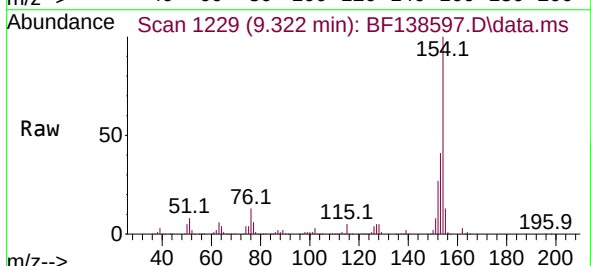


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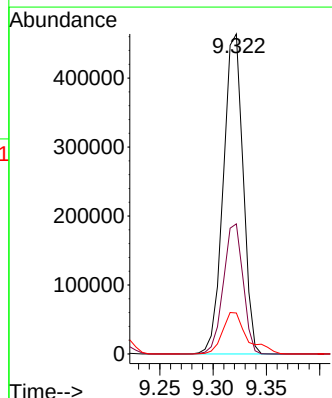
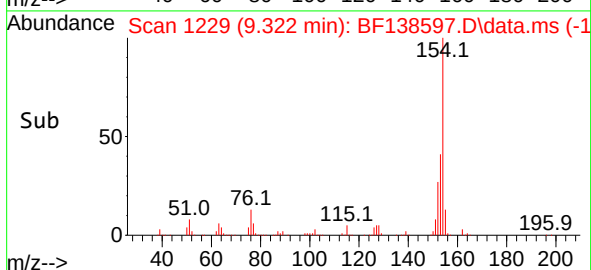
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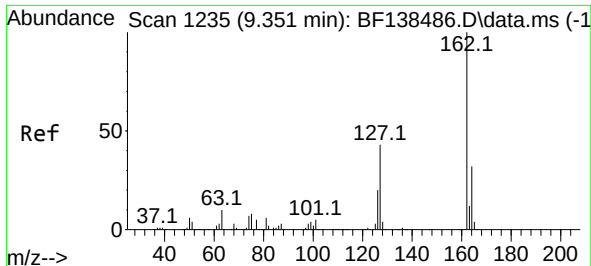


#46
1,1'-Biphenyl
Concen: 49.383 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02



Tgt Ion:154 Resp: 596978
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 12.8 0.0 32.2





#47

2-Chloronaphthalene

Concen: 50.676 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

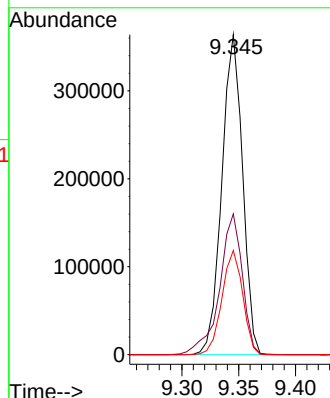
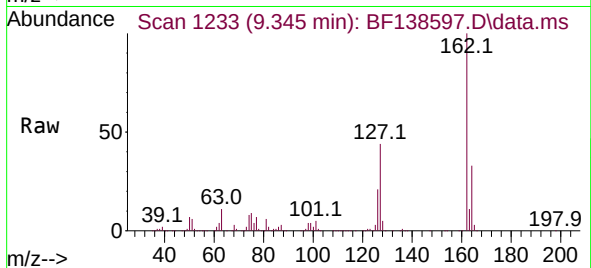
HR-1-071724MSD

Tgt Ion:162 Resp: 46280

Ion	Ratio	Lower	Upper
162	100		
127	44.0	34.8	52.2
164	32.5	25.6	38.4

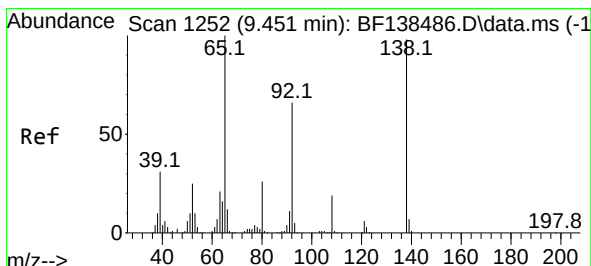
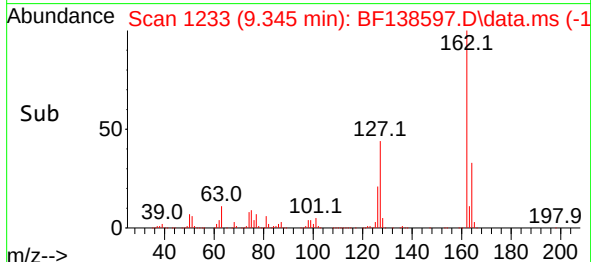
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#48

2-Nitroaniline

Concen: 55.192 ng

RT: 9.445 min Scan# 1250

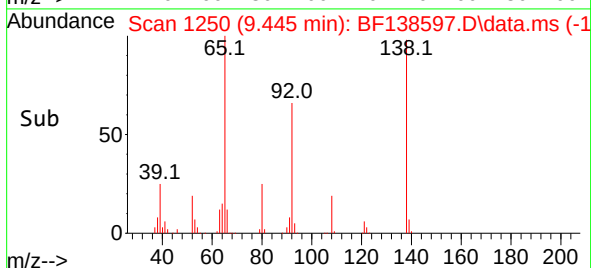
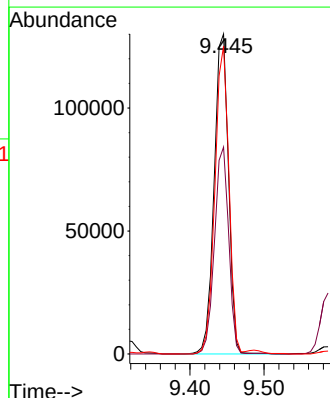
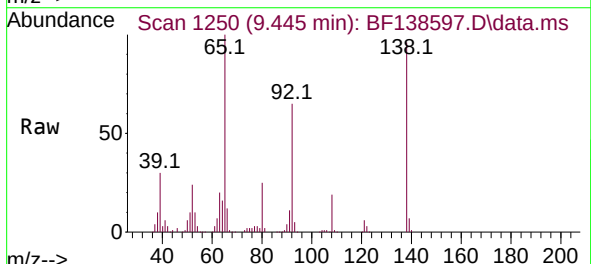
Delta R.T. -0.006 min

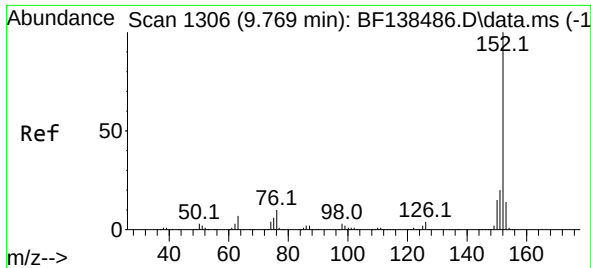
Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Tgt Ion: 65 Resp: 174667

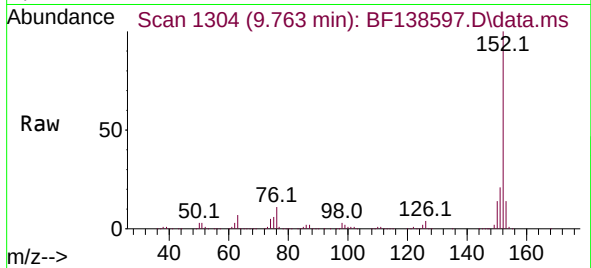
Ion	Ratio	Lower	Upper
65	100		
92	64.6	52.6	78.8
138	96.2	78.6	118.0





#49
Acenaphthylene
Concen: 54.532 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

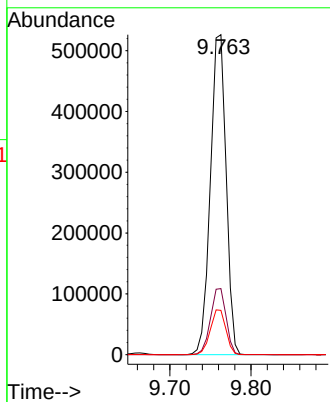
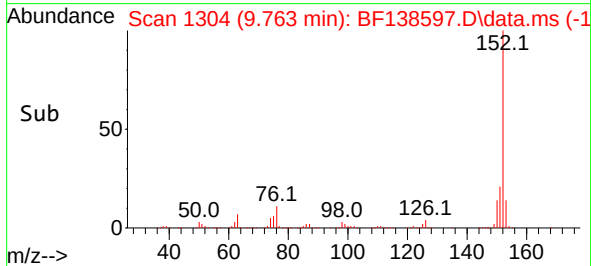
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion:152 Resp: 707074
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.8 11.3 16.9

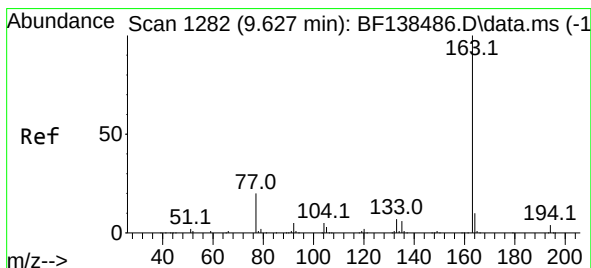
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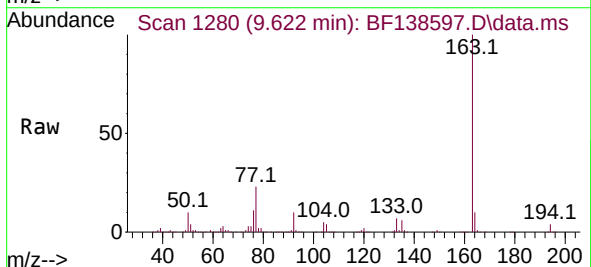


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ahmed

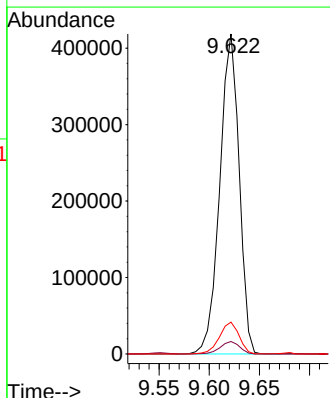
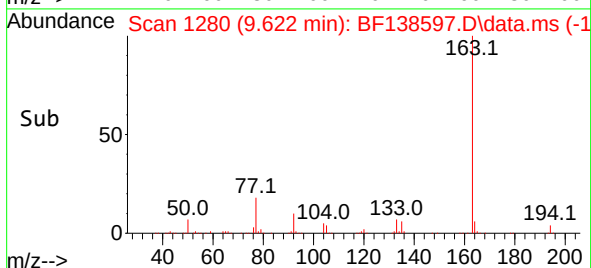
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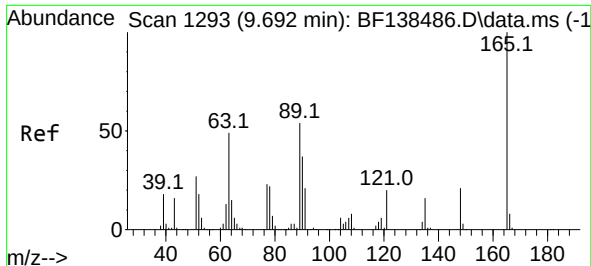


#50
Dimethylphthalate
Concen: 54.440 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02



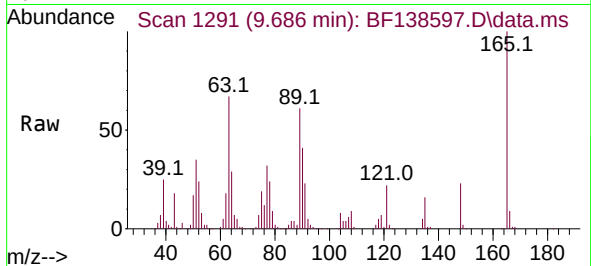
Tgt Ion:163 Resp: 561527
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 50.239 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

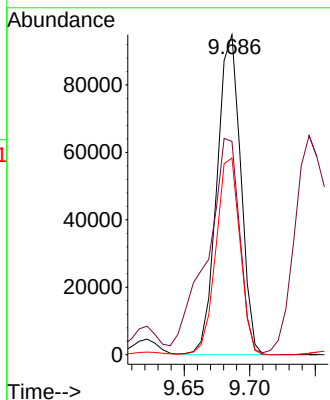
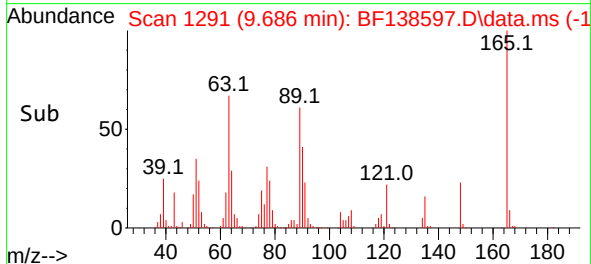
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion:165 Resp: 11931
Ion Ratio Lower Upper
165 100
63 66.7 48.1 72.1
89 61.5 43.0 64.6

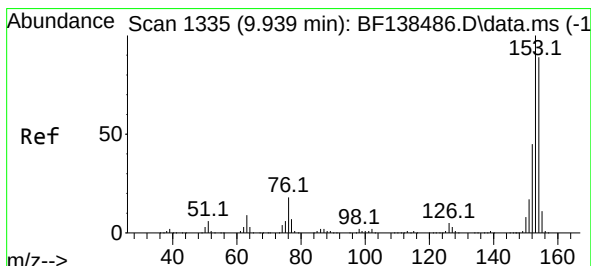
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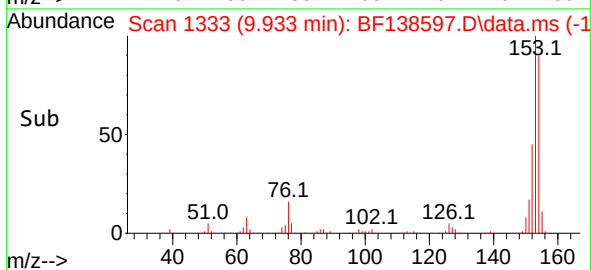
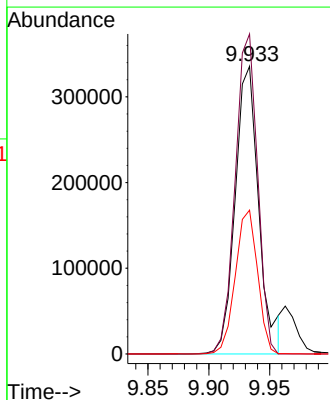
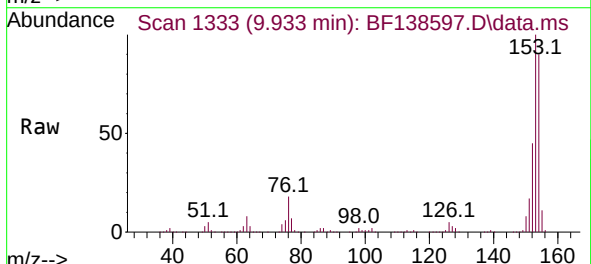
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Supervised By :mohammad
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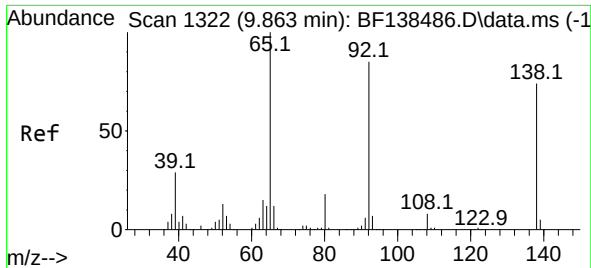
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#52
Acenaphthene
Concen: 52.667 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:154 Resp: 453930
Ion Ratio Lower Upper
154 100
153 111.2 90.4 135.6
152 50.0 41.1 61.7





#53
3-Nitroaniline
Concen: 35.725 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

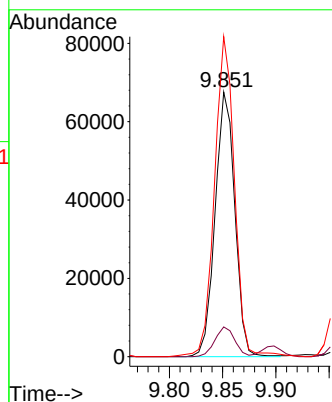
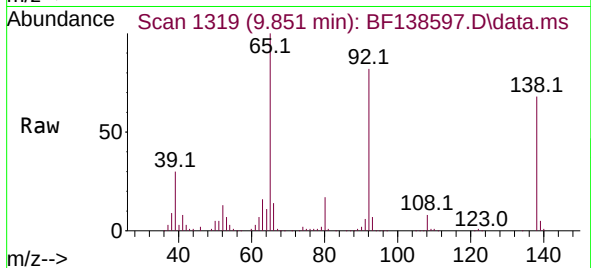
ClientSampleId :

HR-1-071724MSD

Tgt Ion:138 Resp: 8695
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 120.9 92.6 138.8

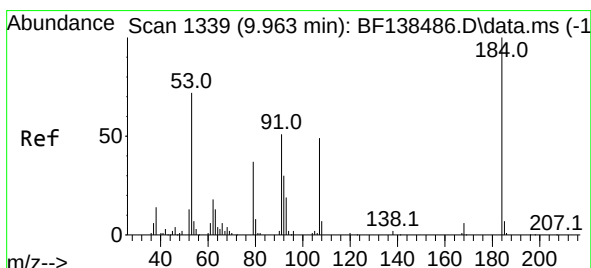
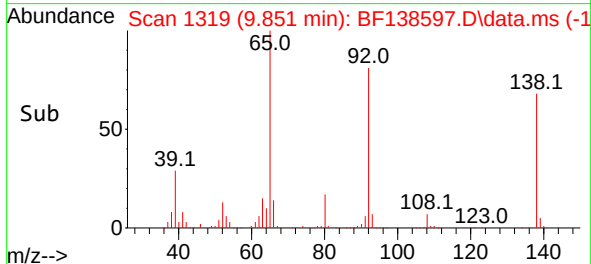
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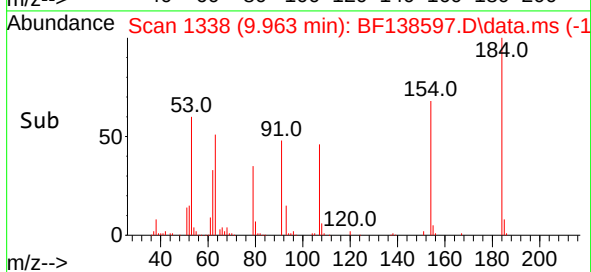
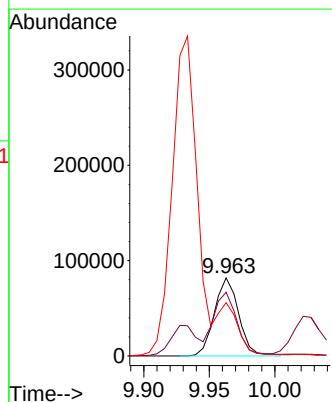
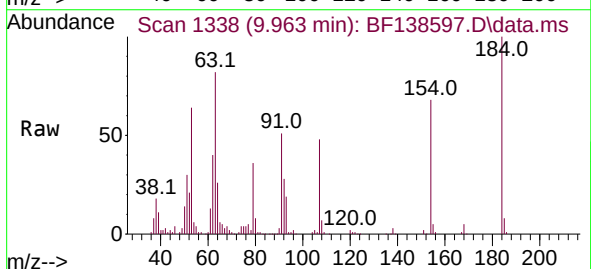
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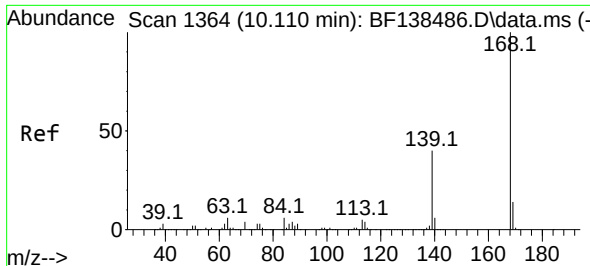
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#54
2,4-Dinitrophenol
Concen: 82.739 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

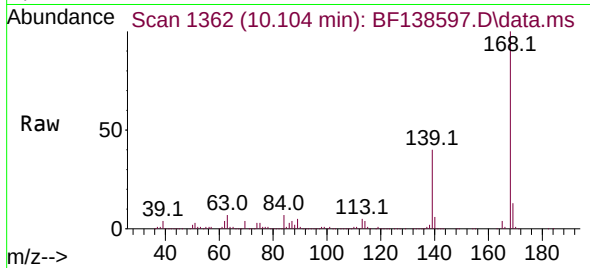
Tgt Ion:184 Resp: 105675
Ion Ratio Lower Upper
184 100
63 81.7 70.6 106.0
154 68.3 53.8 80.6





#55
Dibenzenofuran
Concen: 49.182 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

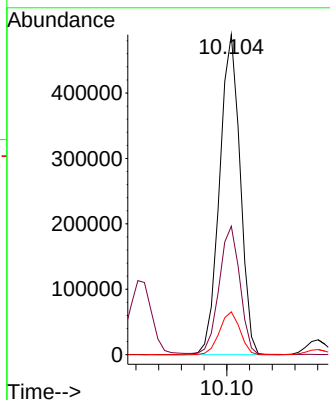
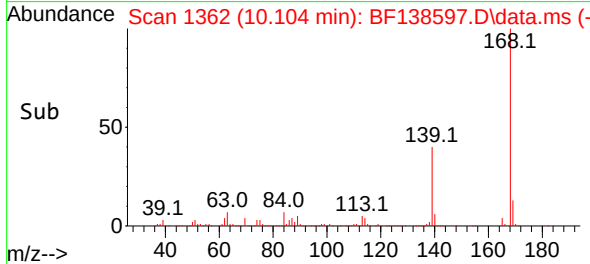
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion:168 Resp: 61484
Ion Ratio Lower Upper
168 100
139 40.1 32.4 48.6
169 13.4 10.9 16.3

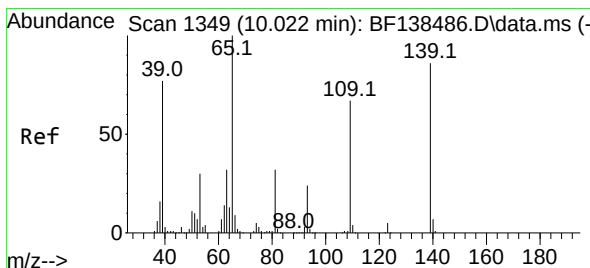
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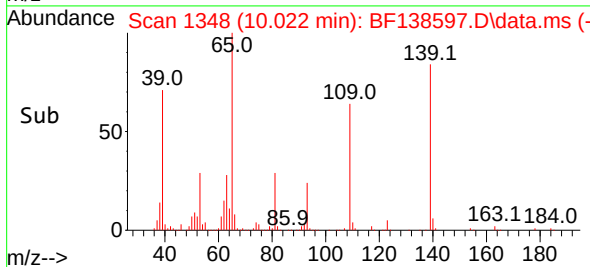
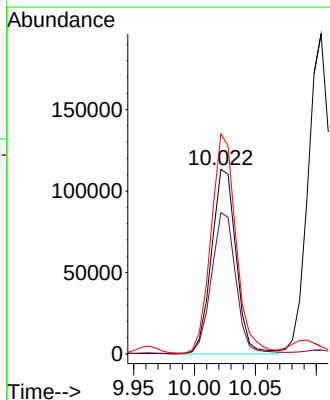
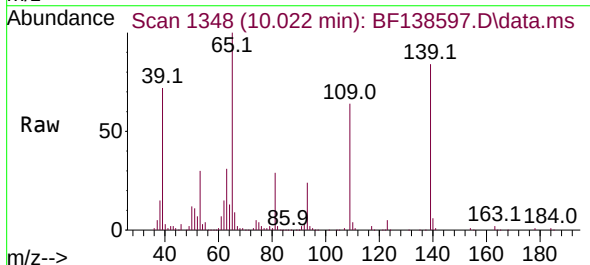
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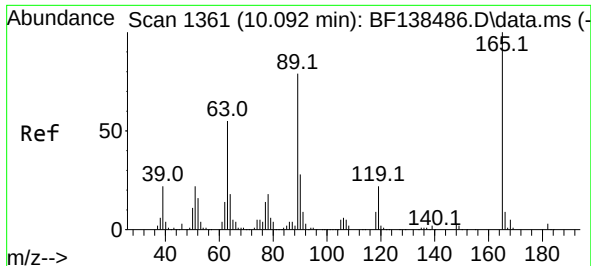
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#56
4-Nitrophenol
Concen: 88.356 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:139 Resp: 158690
Ion Ratio Lower Upper
139 100
109 76.6 58.1 98.1
65 119.2 96.9 136.9





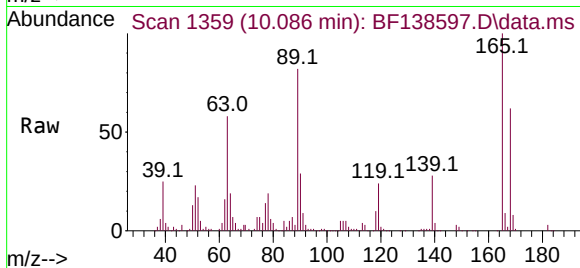
#57
2,4-Dinitrotoluene
Concen: 49.477 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

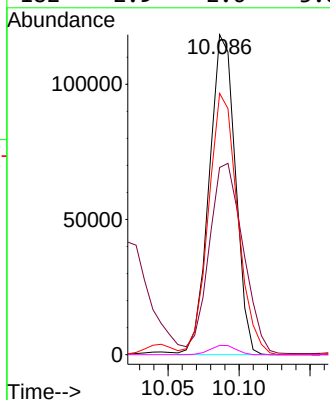
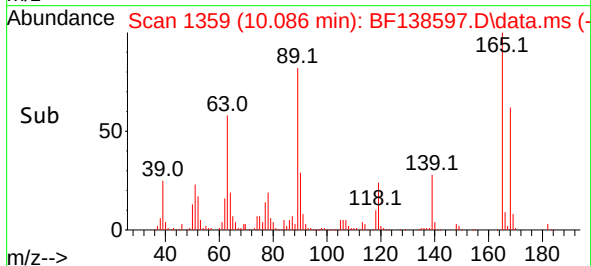
HR-1-071724MSD



Tgt Ion:165 Resp: 15203
Ion Ratio Lower Upper
165 100
63 58.5 44.6 66.8
89 81.7 63.4 95.2
182 2.9 2.6 3.8

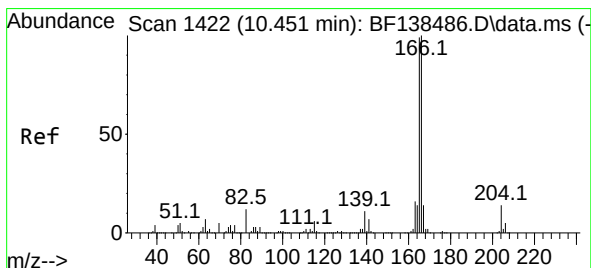
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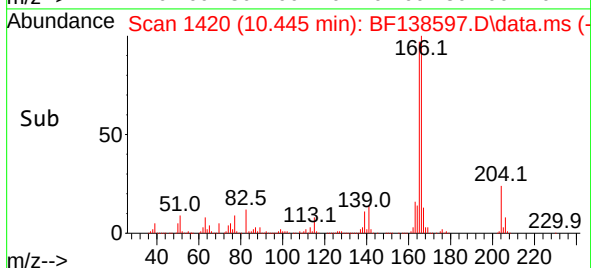
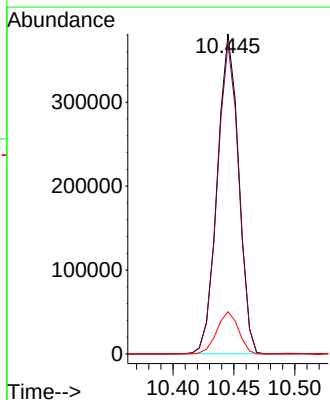
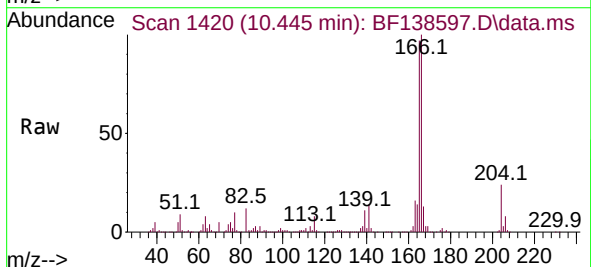
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Supervised By :mohammad
ahmed

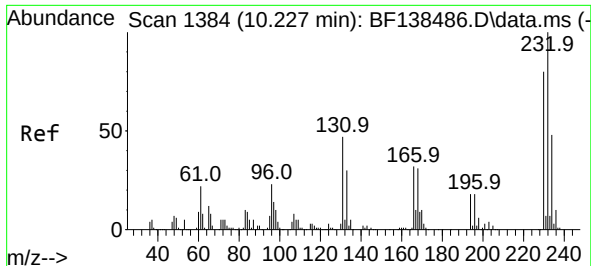
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#58
Fluorene
Concen: 47.133 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

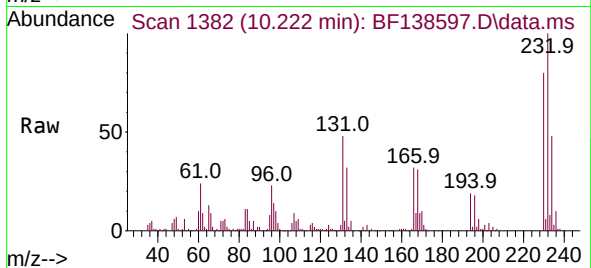
Tgt Ion:166 Resp: 466227
Ion Ratio Lower Upper
166 100
165 96.9 79.1 118.7
167 13.2 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.992 ng
RT: 10.222 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

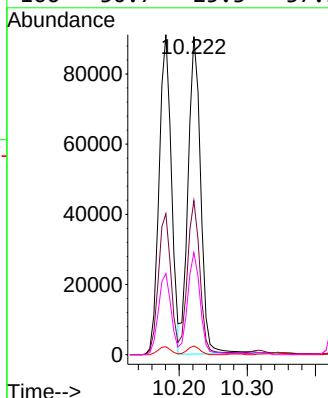
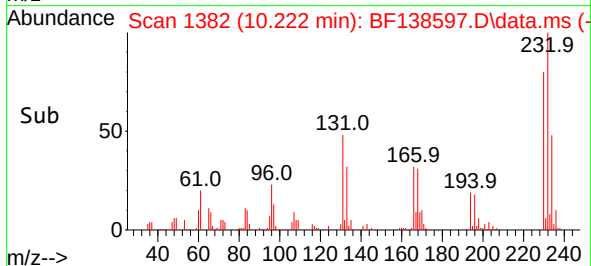
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion:232 Resp: 115679
Ion Ratio Lower Upper
232 100
131 47.0 37.5 56.3
130 2.7 2.0 3.0
166 30.7 25.3 37.9

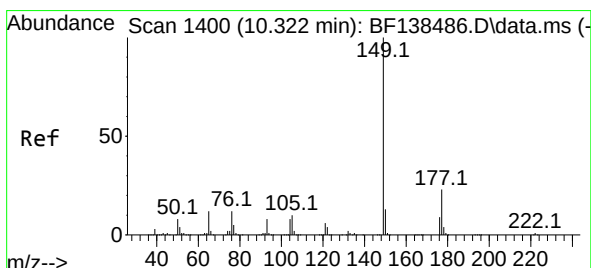
Manual Integrations
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Reviewed By :Yogesh
Patel



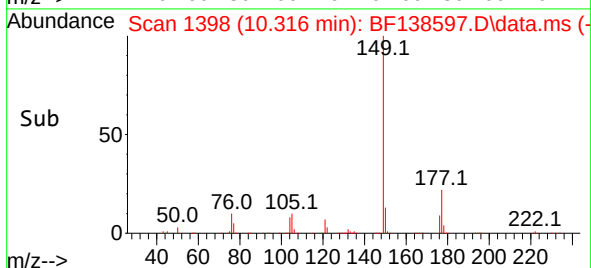
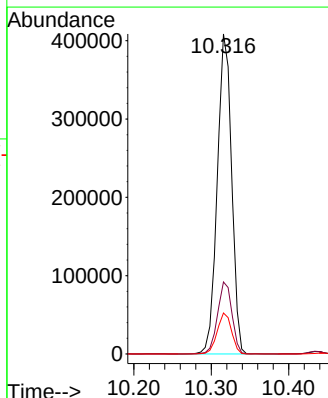
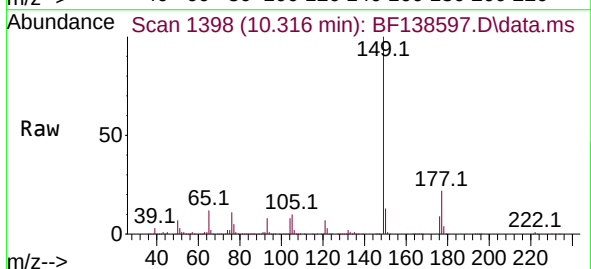
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Supervised By :mohammad
ahmed

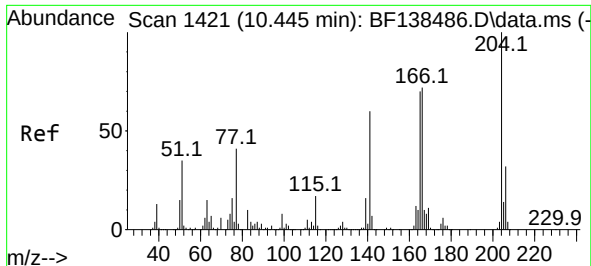
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#60
Diethylphthalate
Concen: 52.821 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

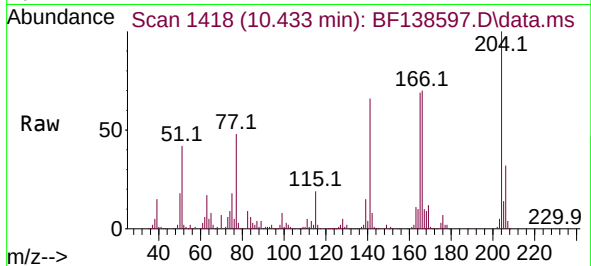
Tgt Ion:149 Resp: 525237
Ion Ratio Lower Upper
149 100
177 22.5 18.5 27.7
150 12.8 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 47.121 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

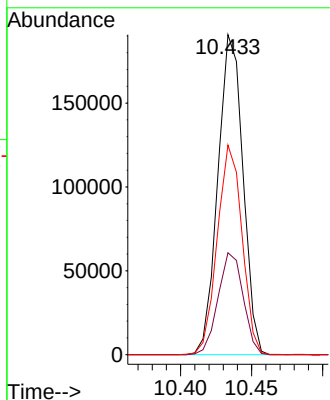
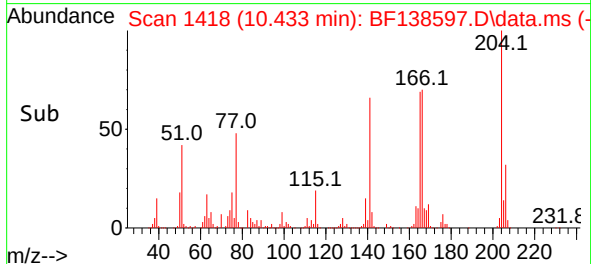
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion:204 Resp: 23405
Ion Ratio Lower Upper
204 100
206 31.9 25.6 38.4
141 65.5 47.7 71.5

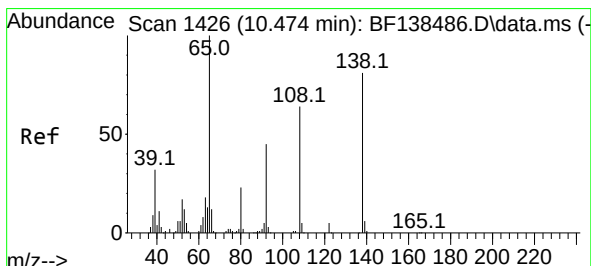
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Reviewed By :Yogesh
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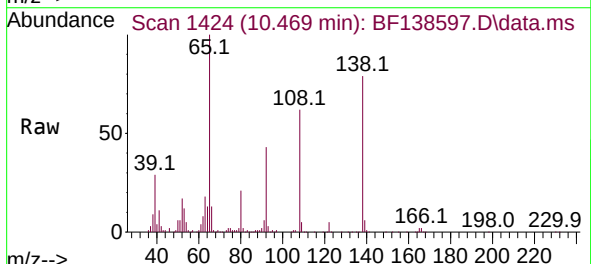


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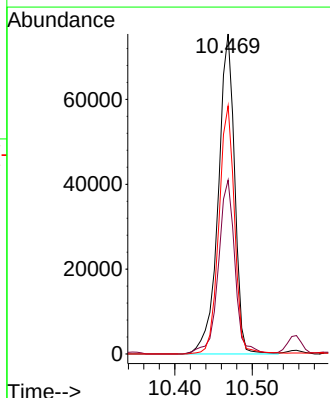
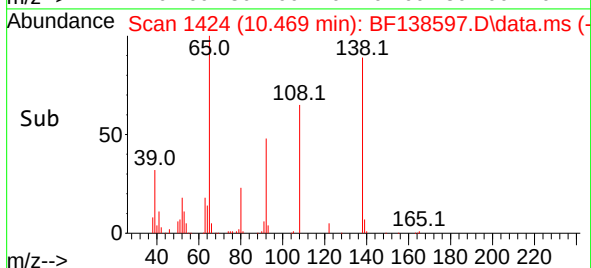
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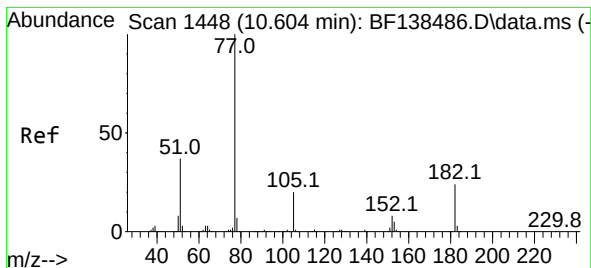


#62
4-Nitroaniline
Concen: 45.398 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02



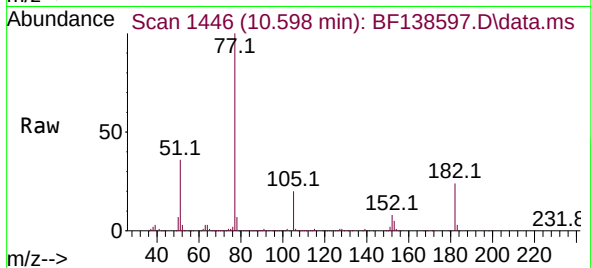
Tgt Ion:138 Resp: 110733
Ion Ratio Lower Upper
138 100
92 54.4 35.8 75.8
108 77.5 59.8 99.8





#63
Azobenzene
Concen: 49.993 ng
RT: 10.598 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

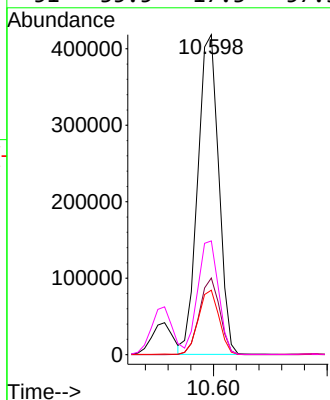
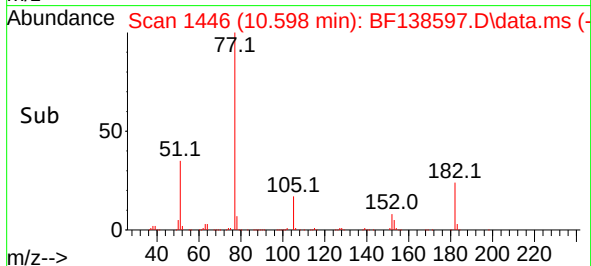
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion: 77 Resp: 534464
Ion Ratio Lower Upper
77 100
182 24.0 3.8 43.8
105 20.2 0.0 39.8
51 35.5 17.3 57.3

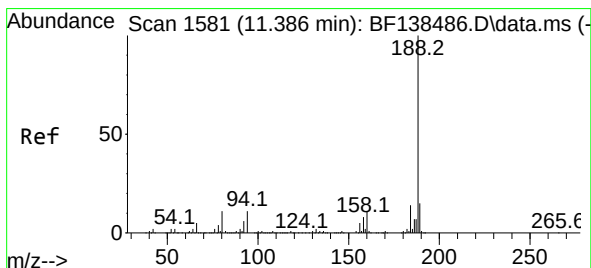
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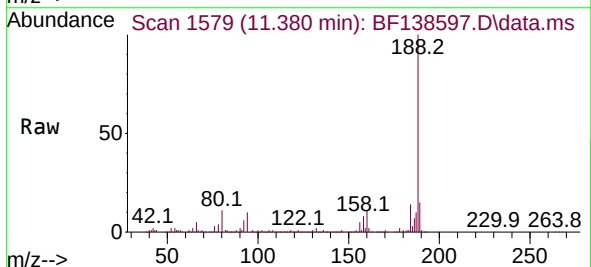


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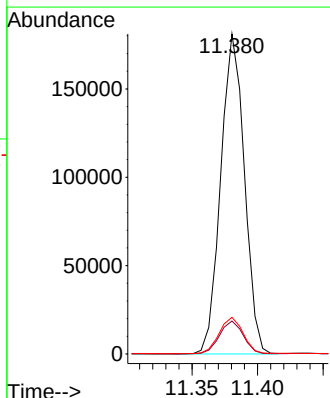
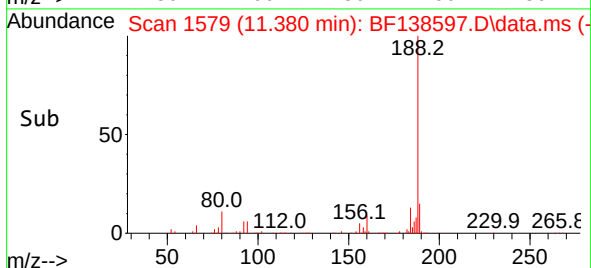
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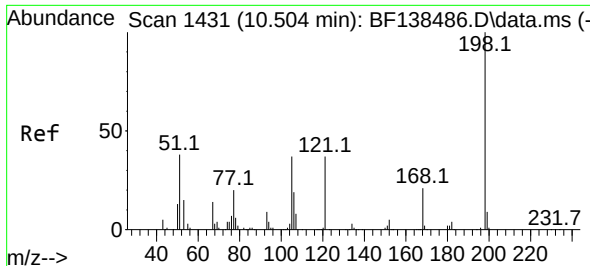


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02



Tgt Ion:188 Resp: 227088
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 11.4 9.0 13.4





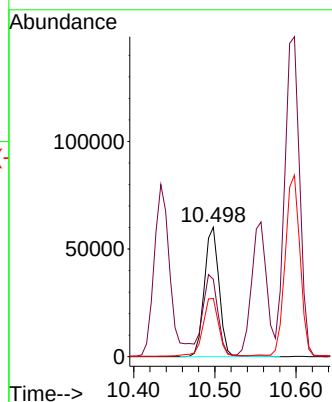
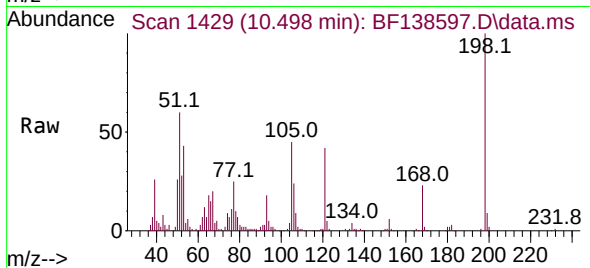
#65
4,6-Dinitro-2-methylphenol
Concen: 57.805 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

Tgt Ion:198 Resp: 75790
Ion Ratio Lower Upper
198 100
51 59.9 27.2 67.2
105 45.1 18.5 58.5

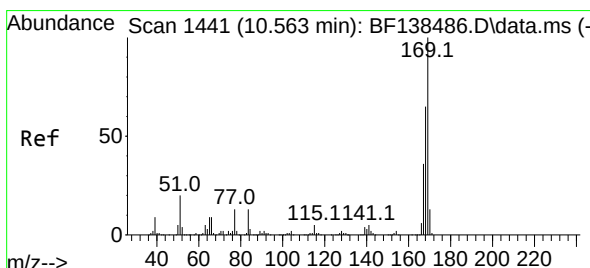
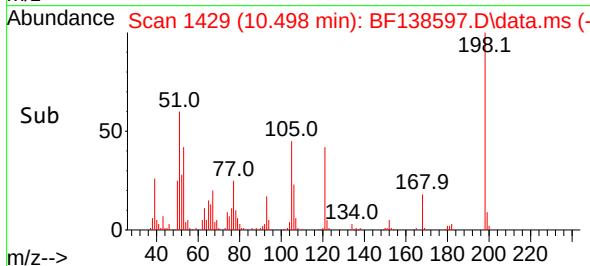
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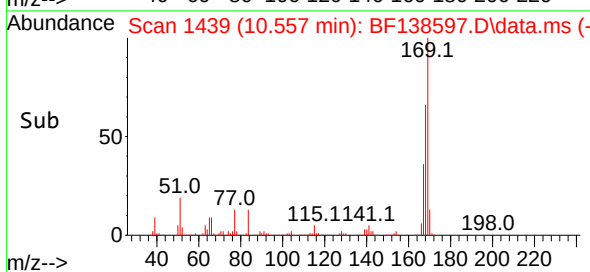
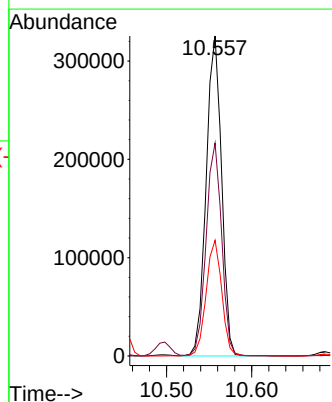
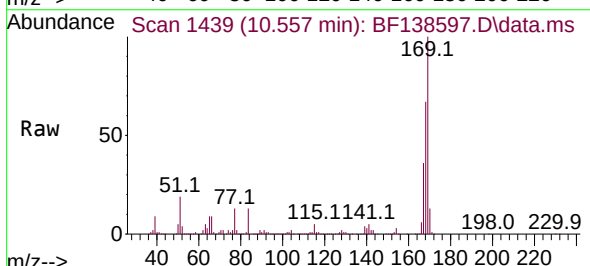
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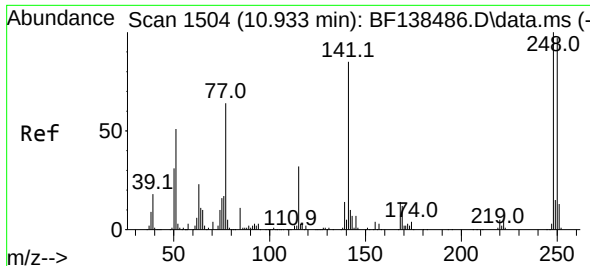
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#66
n-Nitrosodiphenylamine
Concen: 60.080 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:169 Resp: 408766
Ion Ratio Lower Upper
169 100
168 66.5 51.7 77.5
167 36.1 28.5 42.7





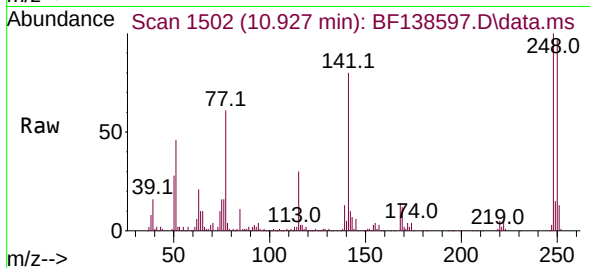
#67
4-Bromophenyl-phenylether
Concen: 55.335 ng
RT: 10.927 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

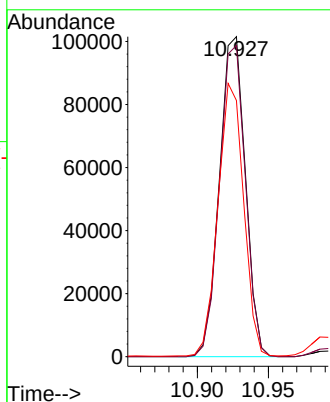
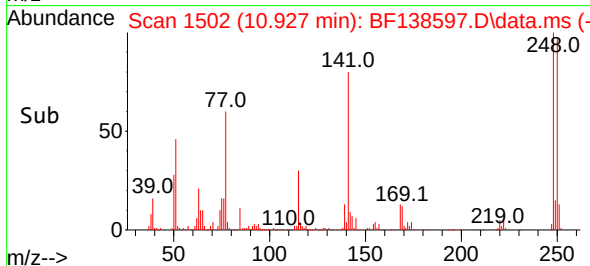
HR-1-071724MSD



Tgt Ion:248 Resp: 129154
Ion Ratio Lower Upper
248 100
250 97.3 77.9 116.9
141 80.1 67.7 101.5

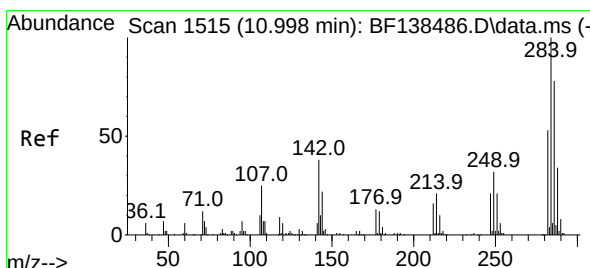
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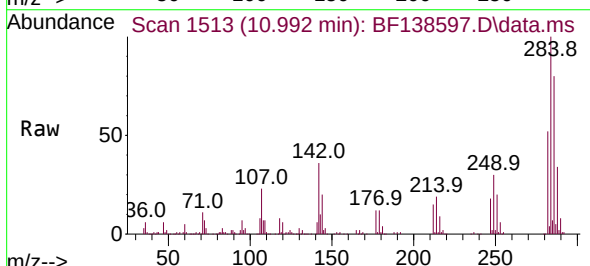


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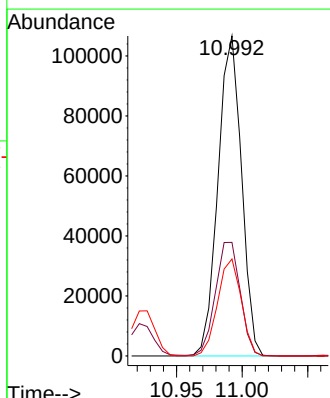
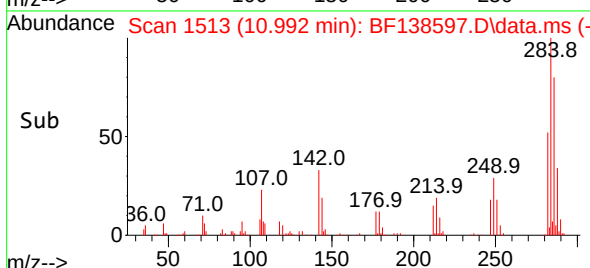
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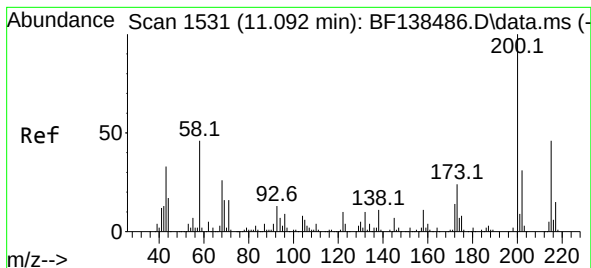


#68
Hexachlorobenzene
Concen: 51.165 ng
RT: 10.992 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02



Tgt Ion:284 Resp: 132669
Ion Ratio Lower Upper
284 100
142 35.5 30.5 45.7
249 30.3 25.9 38.9





#69

Atrazine

Concen: 53.197 ng

RT: 11.080 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138597.D

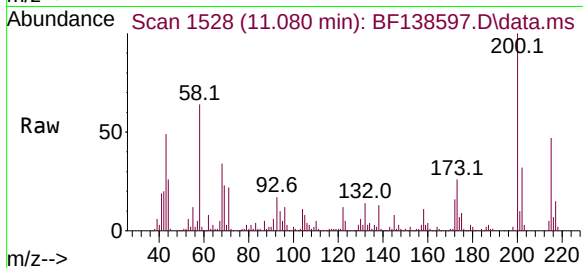
Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

HR-1-071724MSD

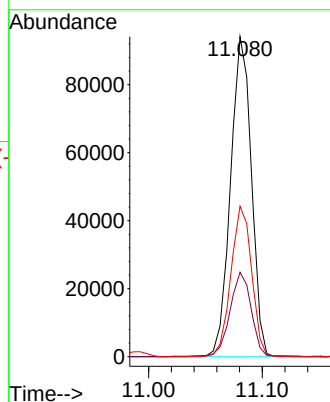


Tgt Ion:200 Resp: 11998

Ion	Ratio	Lower	Upper
200	100		
173	26.4	4.1	44.1
215	47.0	26.5	66.5

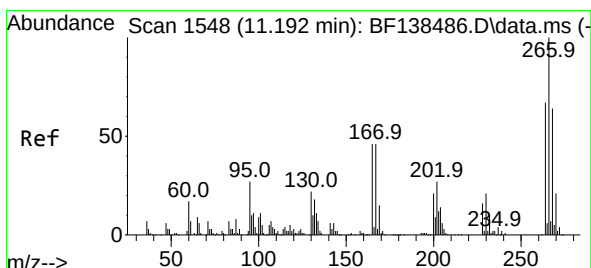
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#70

Pentachlorophenol

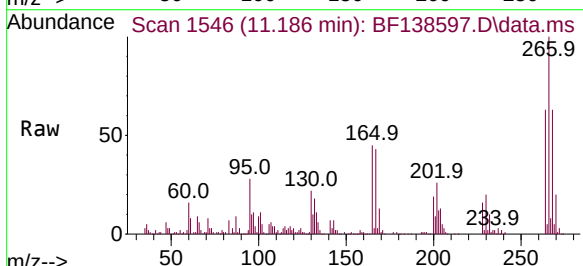
Concen: 92.430 ng

RT: 11.186 min Scan# 1546

Delta R.T. -0.006 min

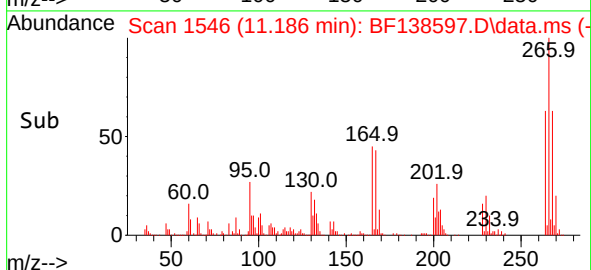
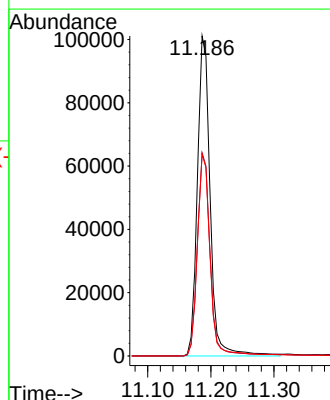
Lab File: BF138597.D

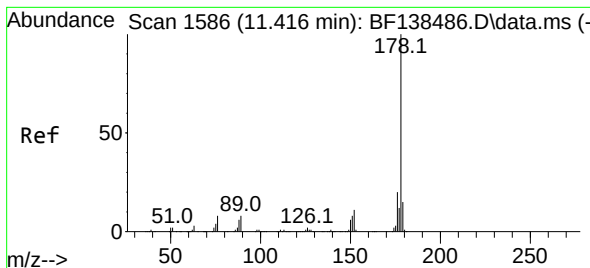
Acq: 19 Jul 2024 19:02



Tgt Ion:266 Resp: 141817

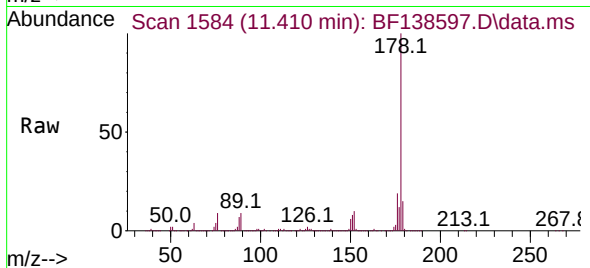
Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.9	76.3
264	63.1	53.5	80.3





#71
Phenanthrene
Concen: 52.581 ng
RT: 11.410 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

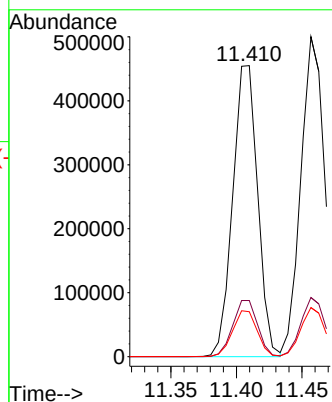
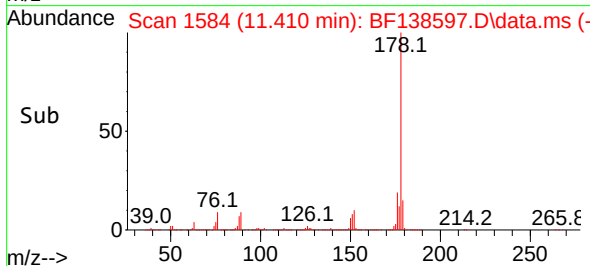
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion:178 Resp: 603249
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.5 12.2 18.2

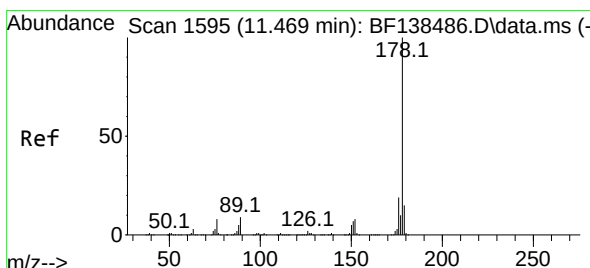
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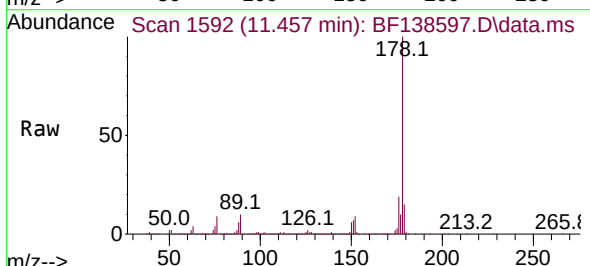


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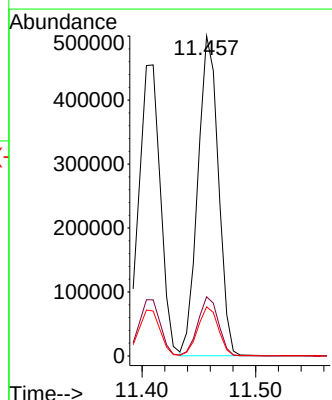
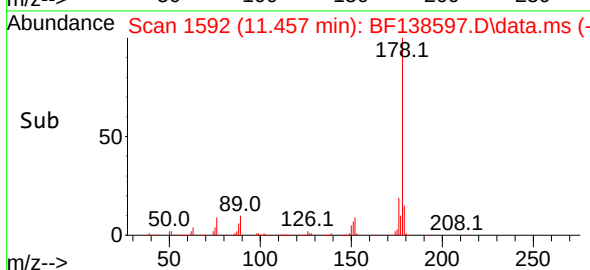
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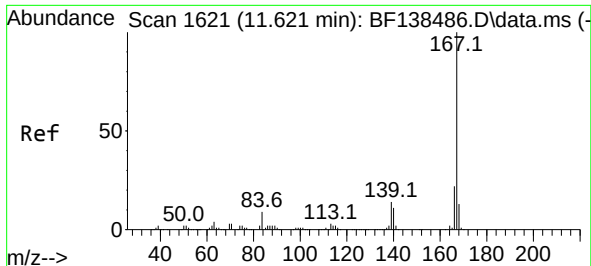


#72
Anthracene
Concen: 55.139 ng
RT: 11.457 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02



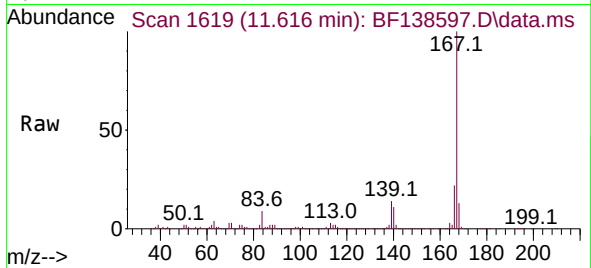
Tgt Ion:178 Resp: 627949
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 52.243 ng
 RT: 11.616 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF138597.D
 Acq: 19 Jul 2024 19:02

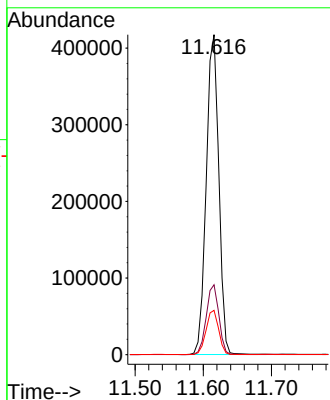
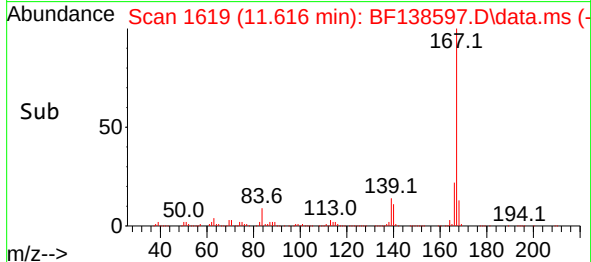
Instrument :
 BNA_F
 ClientSampleId :
 HR-1-071724MSD



Tgt Ion:167 Resp: 53468
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 13.9 11.0 16.4

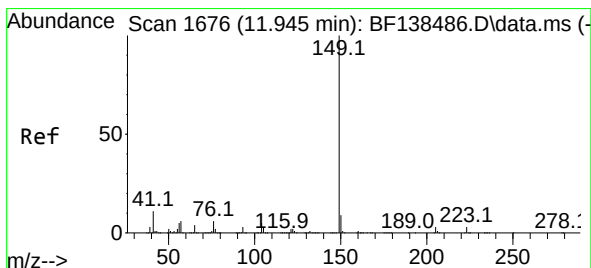
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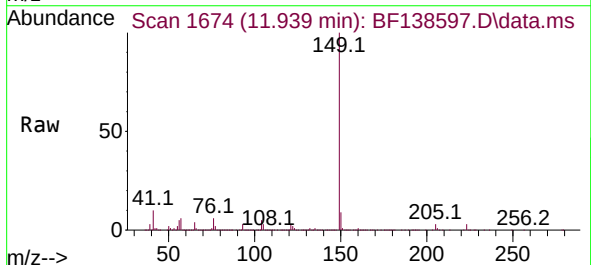


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 ahmed

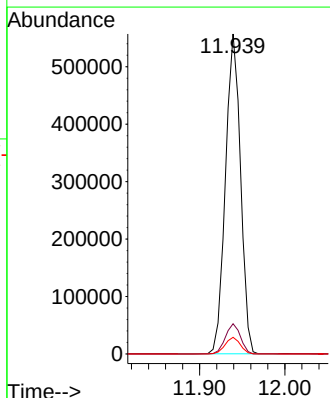
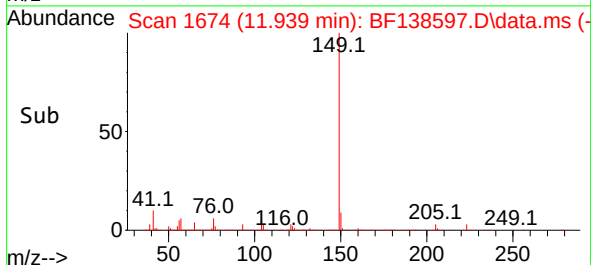
07/22/2024

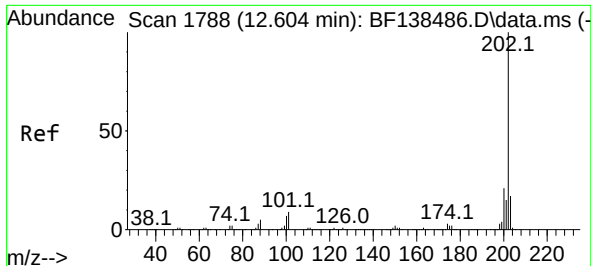


#74
 Di-n-butylphthalate
 Concen: 58.110 ng
 RT: 11.939 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BF138597.D
 Acq: 19 Jul 2024 19:02



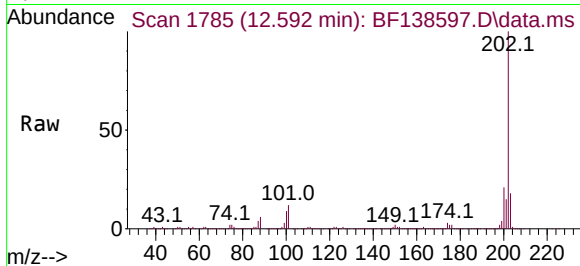
Tgt Ion:149 Resp: 685526
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 50.733 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

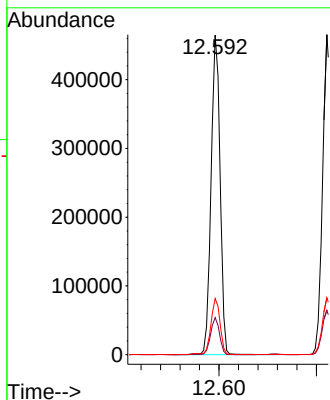
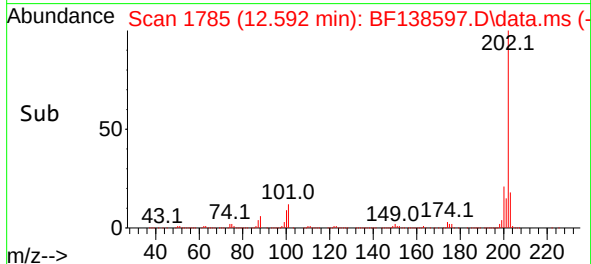
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion:202 Resp: 59391
Ion Ratio Lower Upper
202 100
101 11.6 0.0 29.2
203 17.6 0.0 37.3

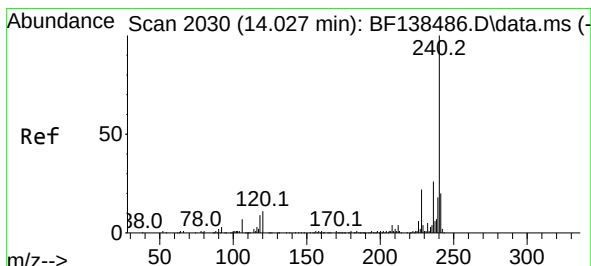
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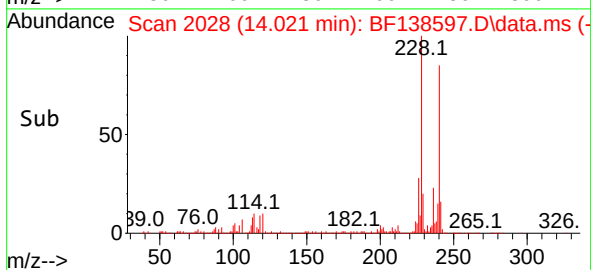
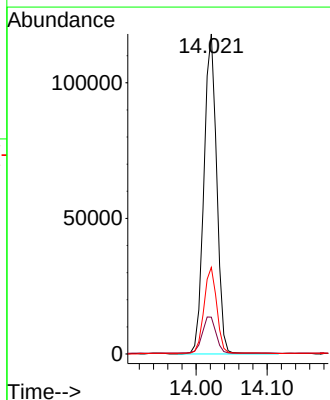
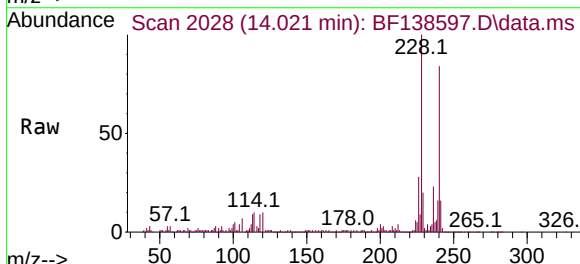
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Supervised By :mohammad
ahmed

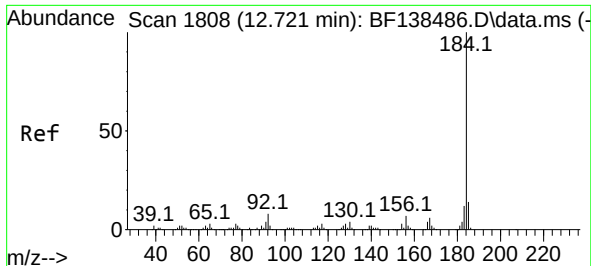
07/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

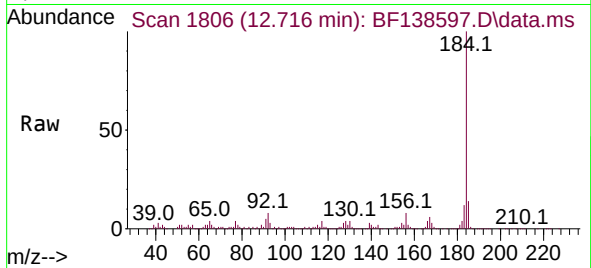
Tgt Ion:240 Resp: 148124
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 27.0 21.0 31.6





#77
Benzidine
Concen: 48.546 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.005 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

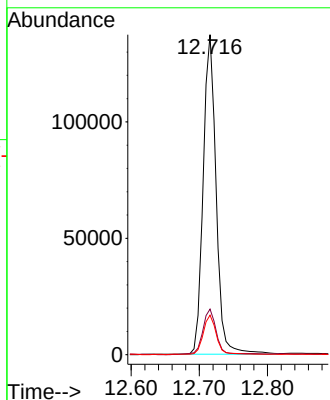
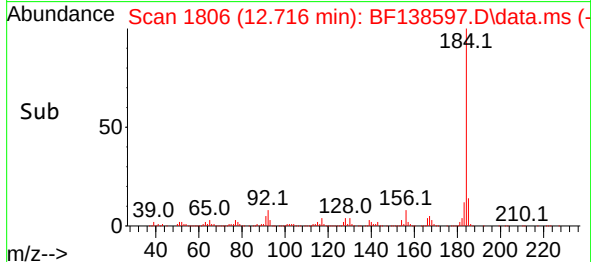
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion:184 Resp: 181425
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 12.4 9.5 14.3

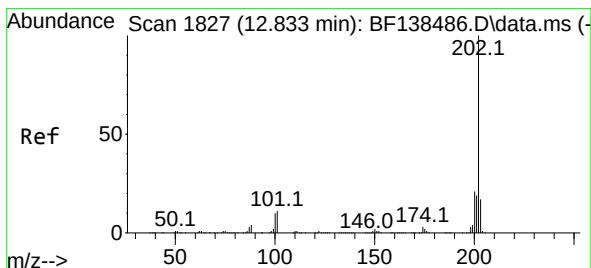
Manual Integrations
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Reviewed By :Yogesh
Patel



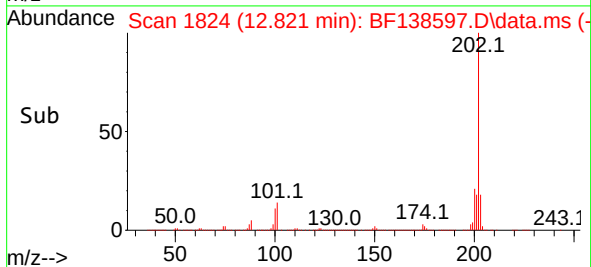
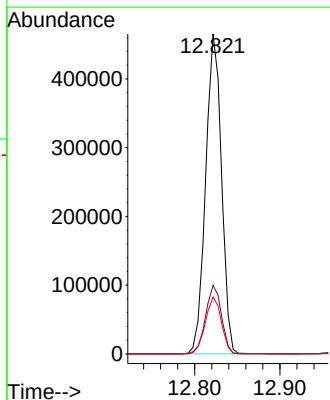
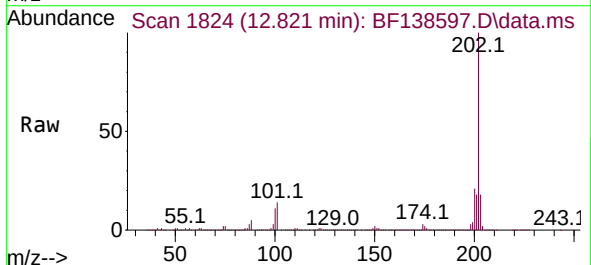
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Supervised By :mohammad
ahmed

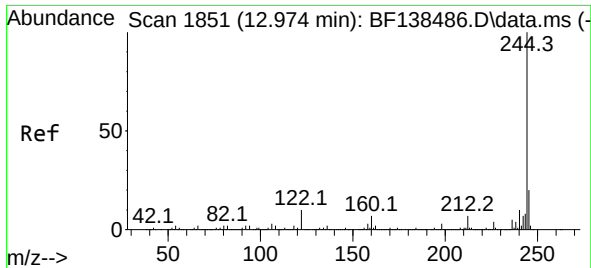
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#78
Pyrene
Concen: 39.922 ng
RT: 12.821 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:202 Resp: 600283
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.8 13.7 20.5





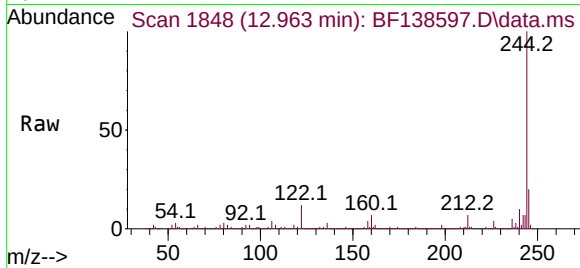
#79
 Terphenyl-d14
 Concen: 73.656 ng
 RT: 12.963 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF138597.D
 Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

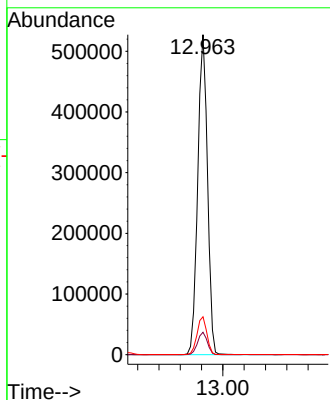
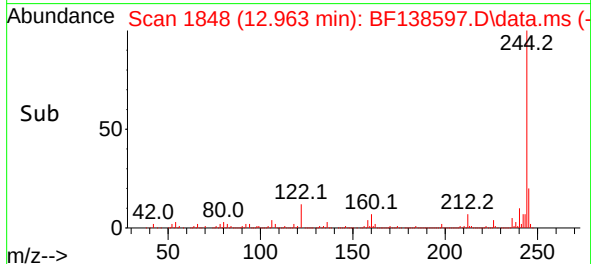
HR-1-071724MSD



Tgt Ion:244 Resp: 66970
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.8 7.8 11.8

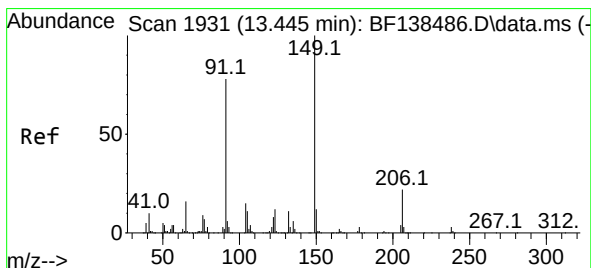
Manual Integrations
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 Patel



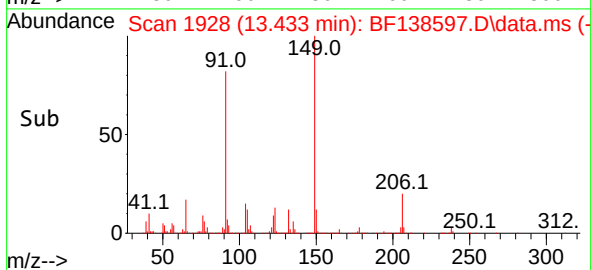
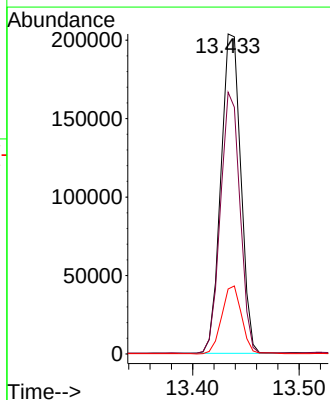
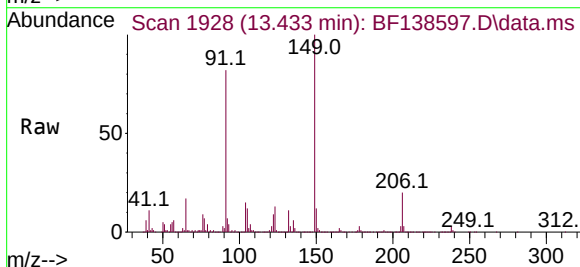
07/20/2024
 Supervised By :mohammad
 ahmed

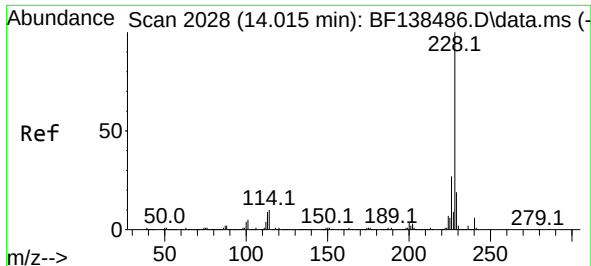
07/22/2024



#80
 Butylbenzylphthalate
 Concen: 58.509 ng
 RT: 13.433 min Scan# 1928
 Delta R.T. -0.012 min
 Lab File: BF138597.D
 Acq: 19 Jul 2024 19:02

Tgt Ion:149 Resp: 264651
 Ion Ratio Lower Upper
 149 100
 91 81.8 62.1 93.1
 206 20.3 18.0 27.0





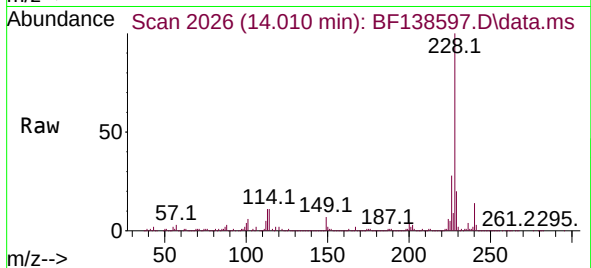
#81
Benzo(a)anthracene
Concen: 52.400 ng
RT: 14.010 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

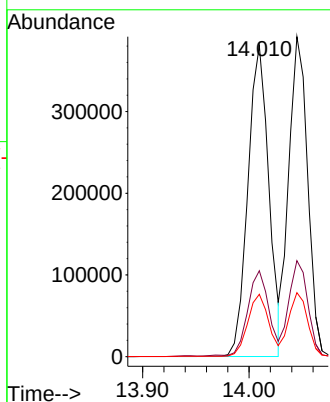
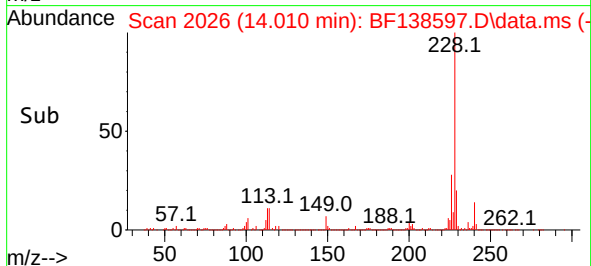
HR-1-071724MSD



Tgt Ion:228 Resp: 52080
Ion Ratio Lower Upper
228 100
226 27.6 21.9 32.9
229 20.1 15.5 23.3

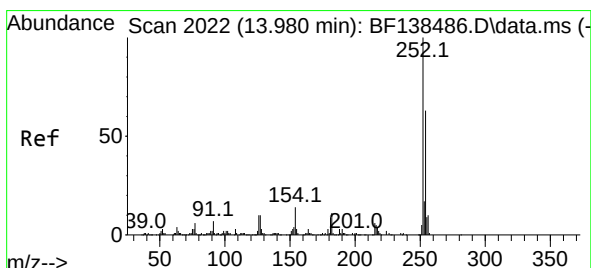
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Patel



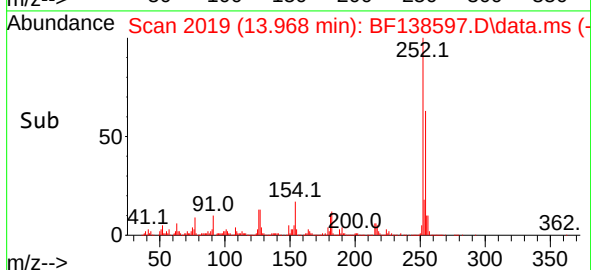
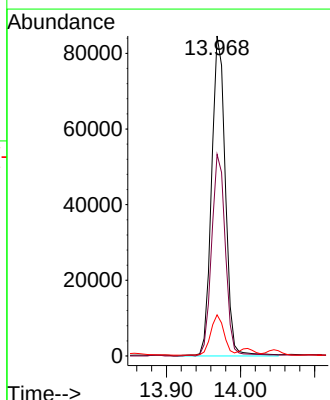
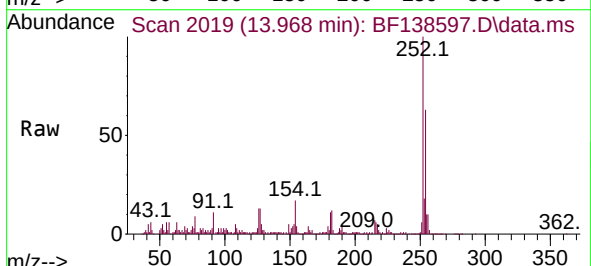
07/20/2024
Supervised By :mohammad
ahmed

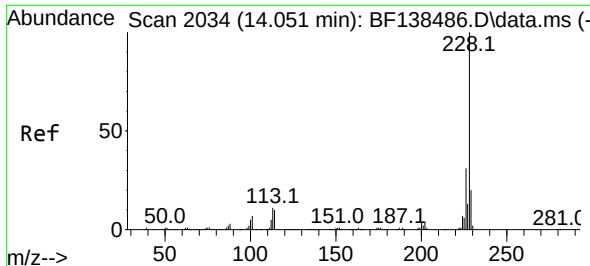
07/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 42.674 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

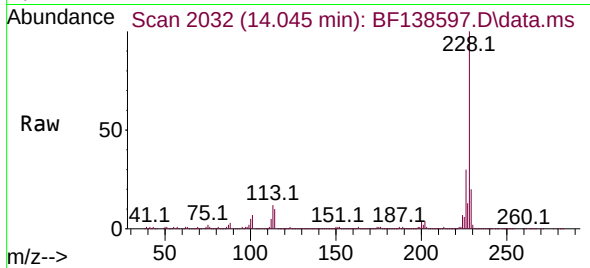
Tgt Ion:252 Resp: 109292
Ion Ratio Lower Upper
252 100
254 63.0 50.3 75.5
126 12.9 8.1 12.1#





#83
Chrysene
Concen: 51.576 ng
RT: 14.045 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

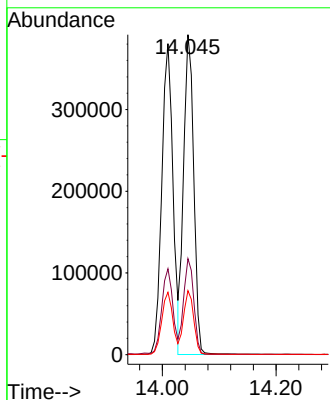
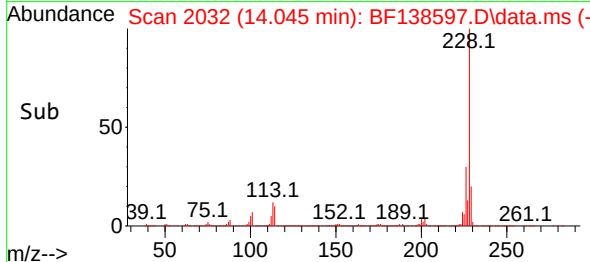
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion:228 Resp: 484939
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 20.0 16.0 24.0

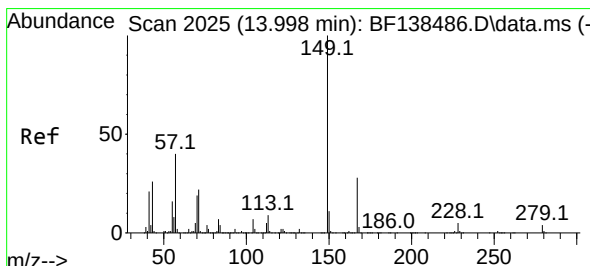
Manual Integrations
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Reviewed By :Yogesh
Patel



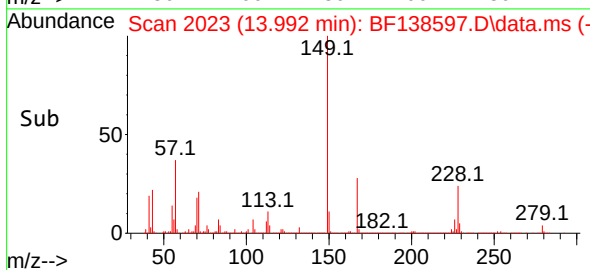
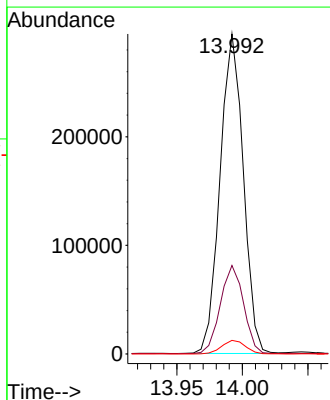
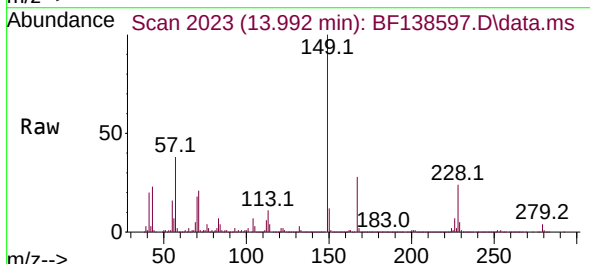
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Supervised By :mohammad
ahmed

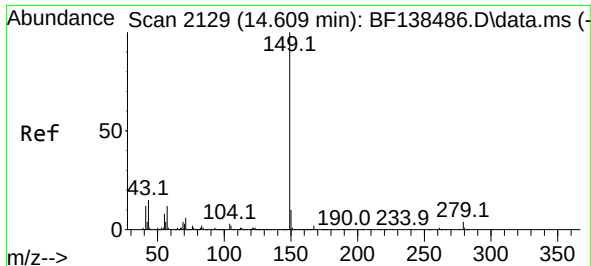
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#84
Bis(2-ethylhexyl)phthalate
Concen: 75.084 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

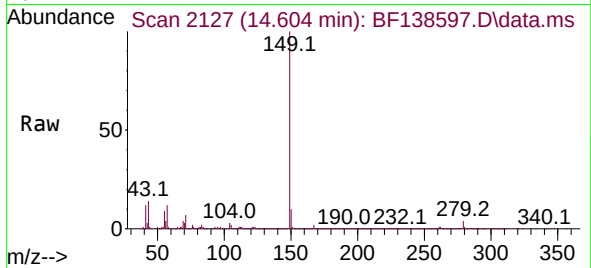
Tgt Ion:149 Resp: 362217
Ion Ratio Lower Upper
149 100
167 27.6 22.5 33.7
279 4.3 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 75.534 ng
RT: 14.604 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

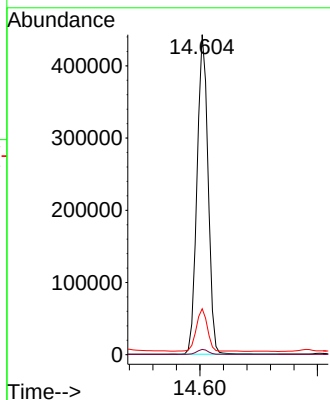
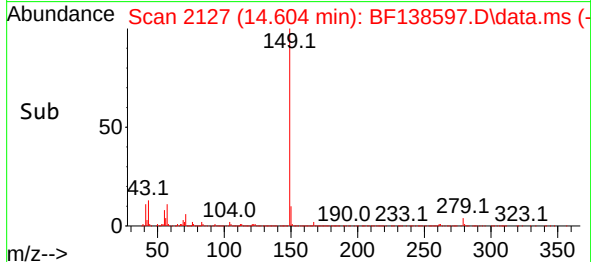
Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD



Tgt Ion:149 Resp: 57564
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.3 10.7 16.1

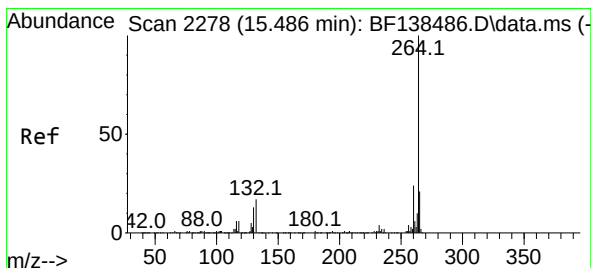
Manual Integrations
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Reviewed By :Yogesh
Patel



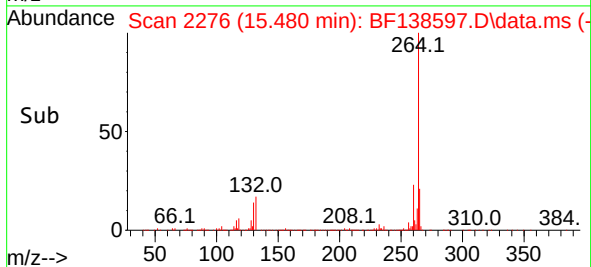
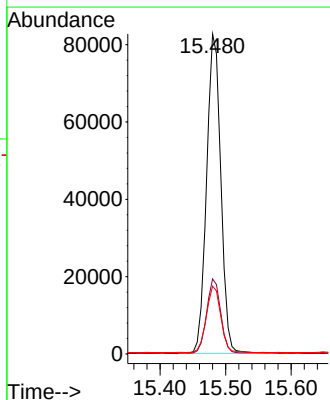
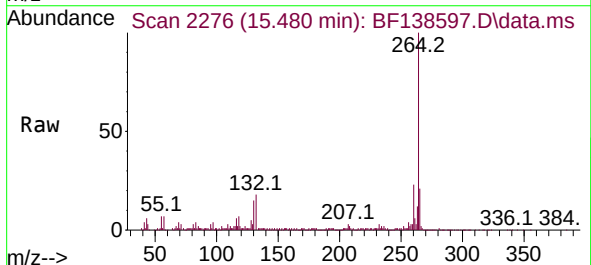
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ahmed

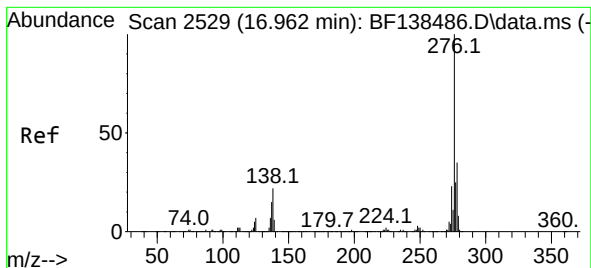
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:264 Resp: 124759
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.223 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

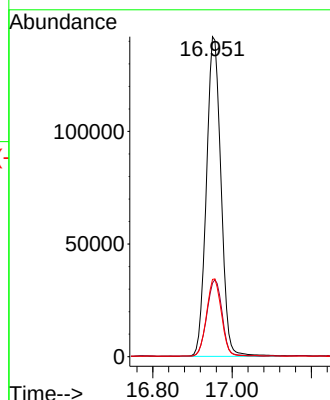
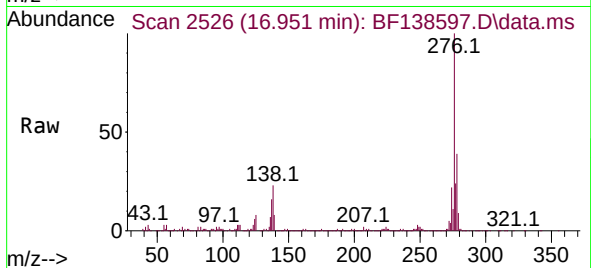
ClientSampleId :

HR-1-071724MSD

Tgt Ion:	276	Resp:	36221
Ion Ratio	Lower	Upper	
276	100		
138	24.8	19.6	29.4
277	24.5	20.5	30.7

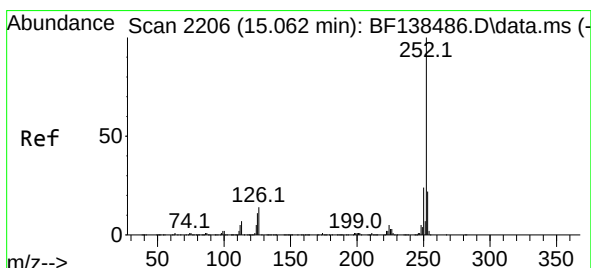
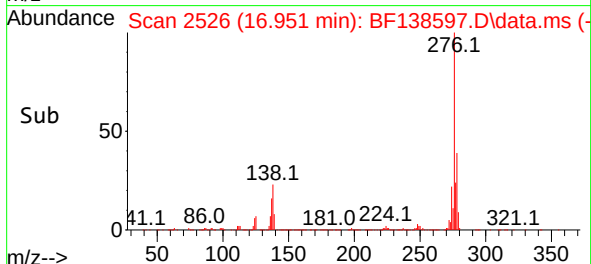
Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 55.105 ng

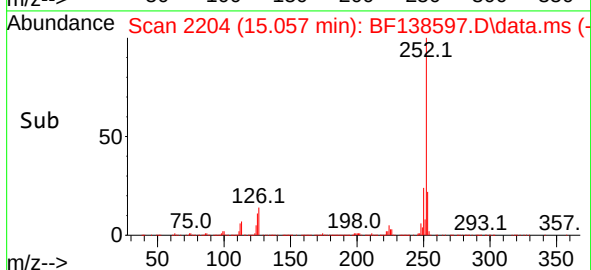
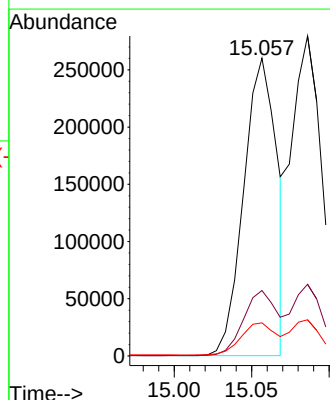
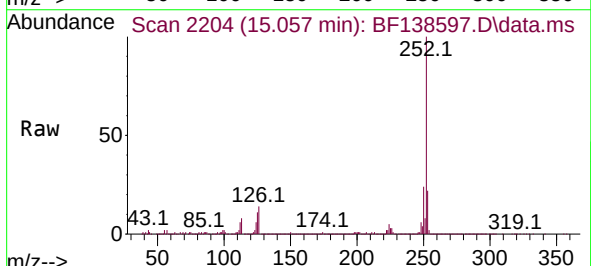
RT: 15.057 min Scan# 2204

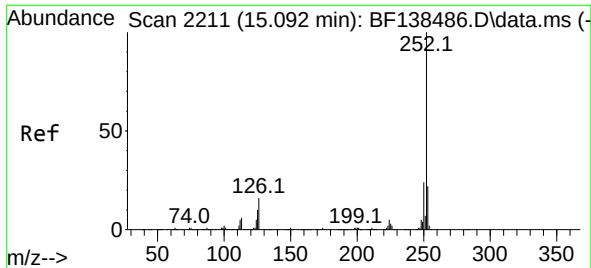
Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Tgt Ion:	252	Resp:	387171
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.3	25.9
125	11.1	8.6	13.0





#89

Benzo(k)fluoranthene

Concen: 55.603 ng

RT: 15.086 min Scan# 2211

Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

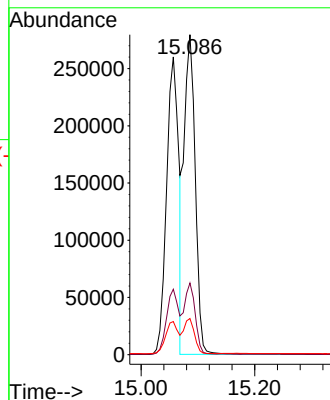
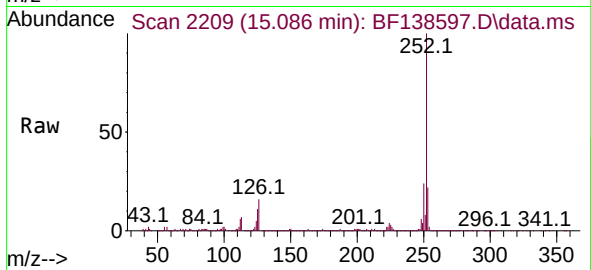
ClientSampleId :

HR-1-071724MSD

Tgt Ion:252 Resp: 38101
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.7 26.5
 125 11.3 8.1 12.1

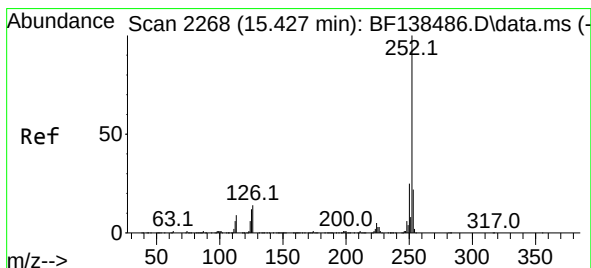
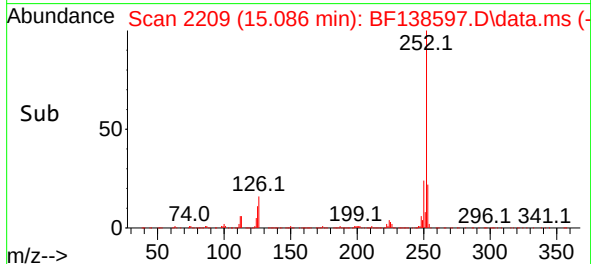
Manual Integrations
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 Patel



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 ahmed

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#90

Benzo(a)pyrene

Concen: 54.009 ng

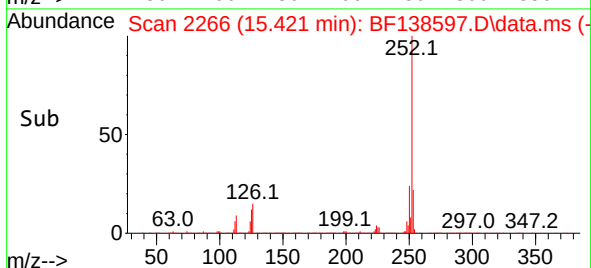
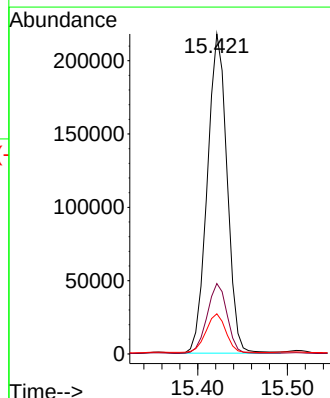
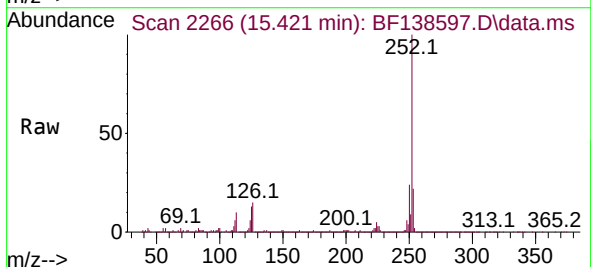
RT: 15.421 min Scan# 2266

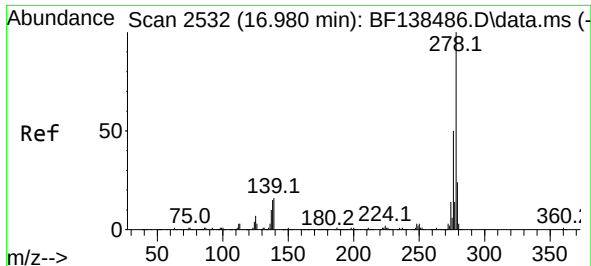
Delta R.T. -0.006 min

Lab File: BF138597.D

Acq: 19 Jul 2024 19:02

Tgt Ion:252 Resp: 333350
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.0
 125 12.5 9.4 14.2





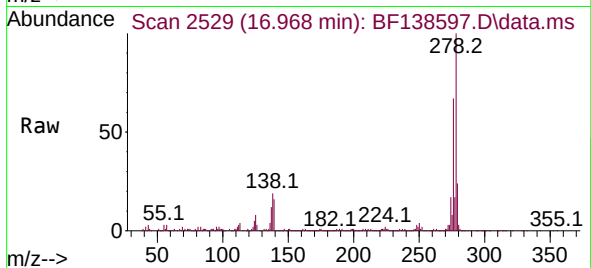
#91
Dibenzo(a,h)anthracene
Concen: 42.232 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Instrument :

BNA_F

ClientSampleId :

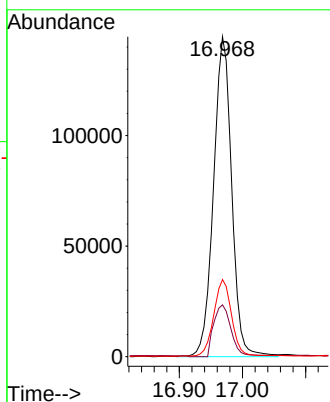
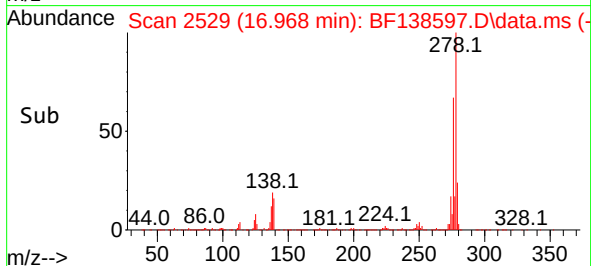
HR-1-071724MSD



Tgt Ion:278 Resp: 28949
Ion Ratio Lower Upper
278 100
139 16.2 12.8 19.2
279 24.1 19.1 28.7

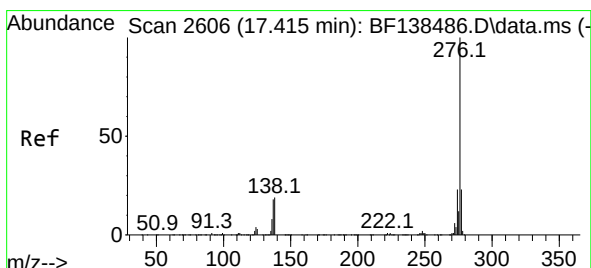
Manual Integrations
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Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

07/22/2024



#92
Benzo(g,h,i)perylene
Concen: 37.673 ng
RT: 17.398 min Scan# 2602
Delta R.T. -0.018 min
Lab File: BF138597.D
Acq: 19 Jul 2024 19:02

Tgt Ion:276 Resp: 273846
Ion Ratio Lower Upper
276 100
277 23.5 18.0 27.0
138 22.0 15.5 23.3

