Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140263.D
Acq On : 07 Nov 2024 09:54
Operator : RC/JU
Sample : PB164702BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 07 10:52:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 16:47:56 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB164702BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	189444	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	717811	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	420554	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	766202	20.000	ng	0.00
76) Chrysene-d12	14.063	240	449132	20.000	ng	0.00
86) Perylene-d12	15.563	264	405153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1426156	124.757	ng	0.02
7) Phenol-d6	6.510	99	1800482	122.451	ng	0.00
23) Nitrobenzene-d5	7.440	82	1248338	86.465	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	619126	148.937	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2276371	86.432	ng	0.00
79) Terphenyl-d14	12.998	244	2666837	97.268	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	191062	36.354	ng	96
3) Pyridine	3.534	79	507430	39.569	ng	97
4) n-Nitrosodimethylamine	3.499	42	315837	42.659	ng	94
6) Aniline	6.540	93	549976	41.400	ng	92
8) 2-Chlorophenol	6.663	128	579870	48.480	ng	96
9) Benzaldehyde	6.428	77	90855	10.031	ng	98
10) Phenol	6.522	94	720155	46.116	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	560314	47.232	ng	98
12) 1,3-Dichlorobenzene	6.822	146	614397	43.834	ng	99
13) 1,4-Dichlorobenzene	6.898	146	622631	44.044	ng	99
14) 1,2-Dichlorobenzene	7.045	146	601259	45.539	ng	98
15) Benzyl Alcohol	7.022	79	543802	47.976	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	887765	46.232	ng	98
17) 2-Methylphenol	7.128	107	480306	48.138	ng	99
18) Hexachloroethane	7.387	117	236125	44.841	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	430219	45.864	ng	97
20) 3+4-Methylphenols	7.281	107	572150	45.658	ng	97
22) Acetophenone	7.287	105	795861	44.719	ng	98
24) Nitrobenzene	7.463	77	643626	42.486	ng	96
25) Isophorone	7.698	82	1172258	47.155	ng	99
26) 2-Nitrophenol	7.775	139	299675	49.729	ng	97
27) 2,4-Dimethylphenol	7.810	122	469544	57.274	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	692092	46.522	ng	100
29) 2,4-Dichlorophenol	8.016	162	485573	47.877	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	537498	44.226	ng	99
31) Naphthalene	8.181	128	1666815	44.968	ng	100
32) Benzoic acid	7.934	122	311120	46.242	ng	95
33) 4-Chloroaniline	8.228	127	268542	22.007	ng	97
34) Hexachlorobutadiene	8.298	225	366012	44.493	ng	99
35) Caprolactam	8.610	113	132812m	43.047	ng	
36) 4-Chloro-3-methylphenol	8.710	107	543474	48.128	ng	98
37) 2-Methylnaphthalene	8.869	142	1128015	46.629	ng	99
38) 1-Methylnaphthalene	8.969	142	1036798	43.726	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	563138	45.740	ng	99
41) Hexachlorocyclopentadiene	9.022	237	678408	196.644	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	384966	50.458	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	370500	46.186	ng	98
46) 1,1'-Biphenyl	9.339	154	1389319	45.704	ng	99
47) 2-Chloronaphthalene	9.363	162	1025026	44.802	ng	100
48) 2-Nitroaniline	9.457	65	358420	46.843	ng	98
49) Acenaphthylene	9.781	152	1595286	49.250	ng	99
50) Dimethylphthalate	9.645	163	1253758	48.407	ng	99
51) 2,6-Dinitrotoluene	9.704	165	284382	46.711	ng	98
52) Acenaphthene	9.951	154	1192905	51.921	ng	98
53) 3-Nitroaniline	9.875	138	165199	28.817	ng	96
54) 2,4-Dinitrophenol	9.981	184	279366	92.468	ng	91
55) Dibenzofuran	10.128	168	1496819	46.590	ng	100
56) 4-Nitrophenol	10.039	139	424764	105.381	ng	97
57) 2,4-Dinitrotoluene	10.110	165	385755	48.828	ng	98
58) Fluorene	10.469	166	1163758	45.506	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	339556	51.670	ng	97
60) Diethylphthalate	10.345	149	1235348	47.997	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	589156	45.711	ng	97
62) 4-Nitroaniline	10.498	138	266296	46.745	ng	95
63) Azobenzene	10.622	77	1218001	45.651	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	204242	50.754	ng	95
66) n-Nitrosodiphenylamine	10.581	169	1037989	47.101	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	389977	47.266	ng	98
68) Hexachlorobenzene	11.022	284	438918	46.670	ng	95
69) Atrazine	11.110	200	381716	63.311	ng	98
70) Pentachlorophenol	11.216	266	503578	99.717	ng	99
71) Phenanthrene	11.433	178	1726671	47.221	ng	100
72) Anthracene	11.486	178	1737994	48.472	ng	100
73) Carbazole	11.639	167	1521462	46.440	ng	100
74) Di-n-butylphthalate	11.969	149	1867096	48.145	ng	99
75) Fluoranthene	12.622	202	1788878	46.787	ng	99
77) Benzidine	12.745	184	403658	45.968	ng	99
78) Pyrene	12.857	202	1800007	48.539	ng	100
80) Butylbenzylphthalate	13.469	149	711541	53.286	ng	99
81) Benzo(a)anthracene	14.051	228	1419222	49.239	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	329931	36.451	ng	98
83) Chrysene	14.086	228	1292706	47.893	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	955248	51.041	ng	99
85) Di-n-octyl phthalate	14.669	149	1485254	52.726	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	1200098	50.462	ng	99
88) Benzo(b)fluoranthene	15.121	252	1231890	50.267	ng	100
89) Benzo(k)fluoranthene	15.157	252	1064300	47.328	ng	99
90) Benzo(a)pyrene	15.498	252	1057870	52.355	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	967859	49.465	ng	100
92) Benzo(g,h,i)perylene	17.533	276	899180	45.049	ng	99

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

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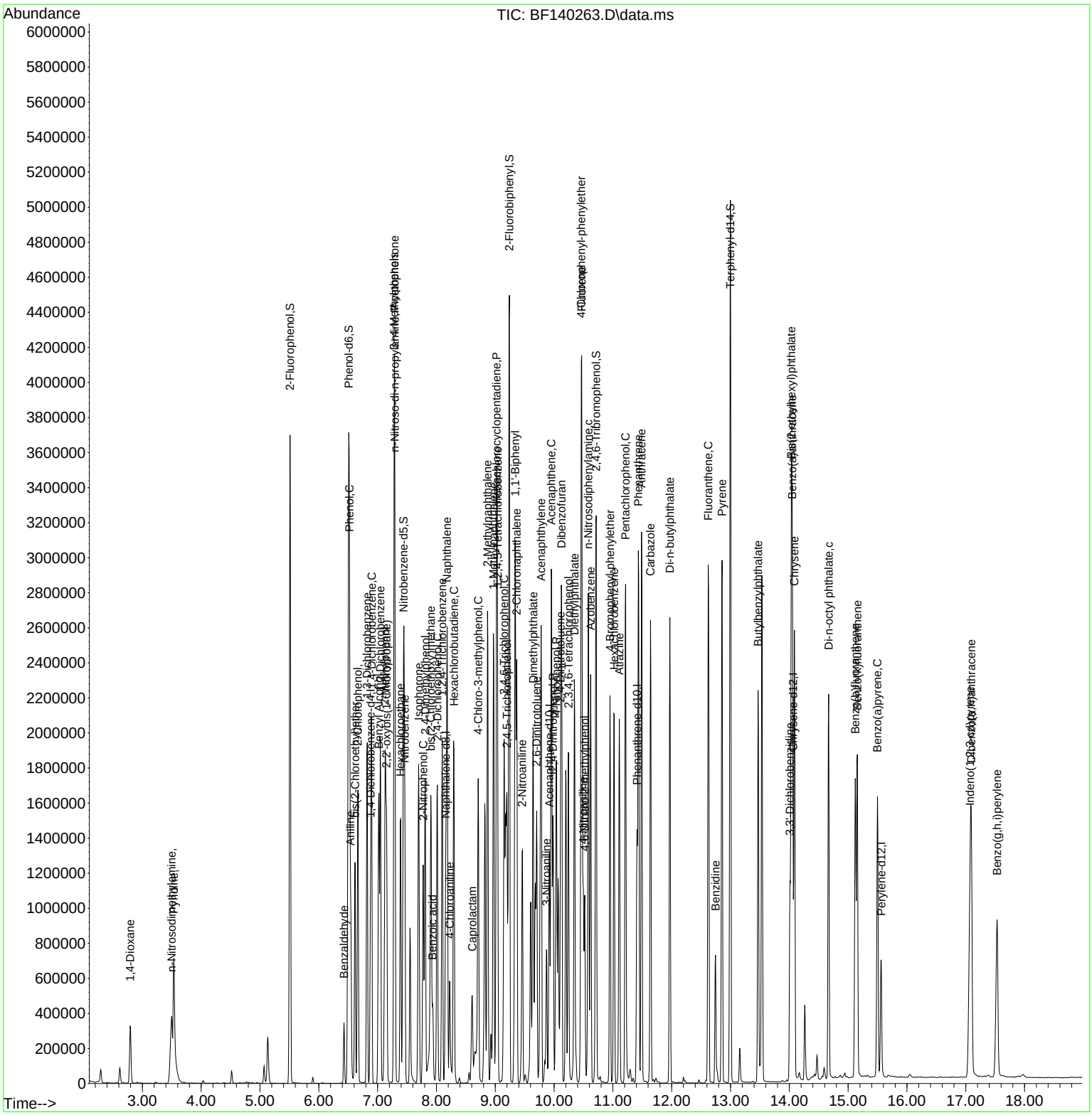
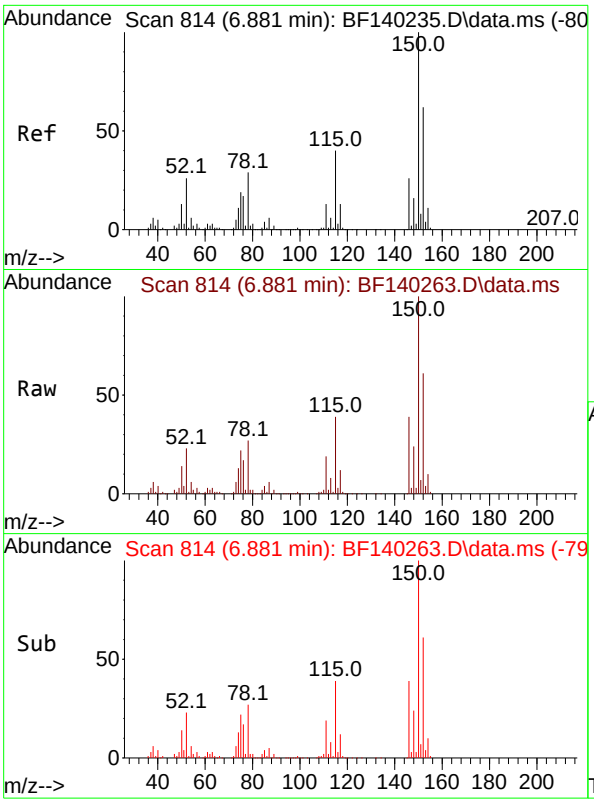
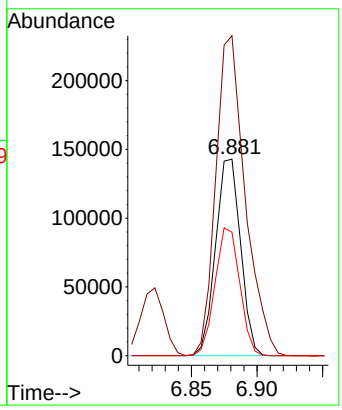




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:152 Resp: 18944

Ion	Ratio	Lower	Upper
152	100		
150	162.8	129.4	194.2
115	62.9	51.5	77.3



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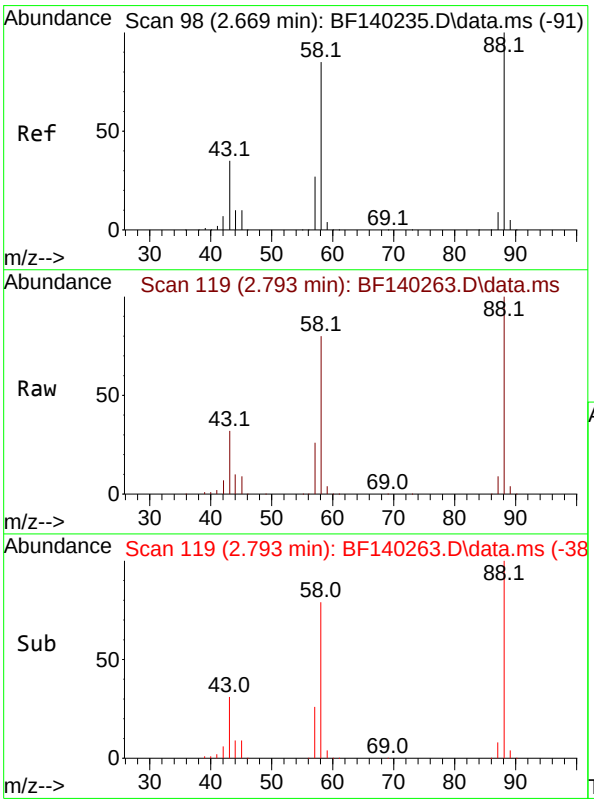
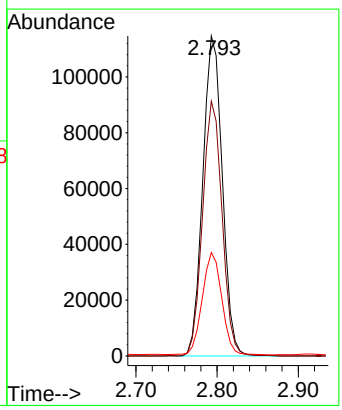
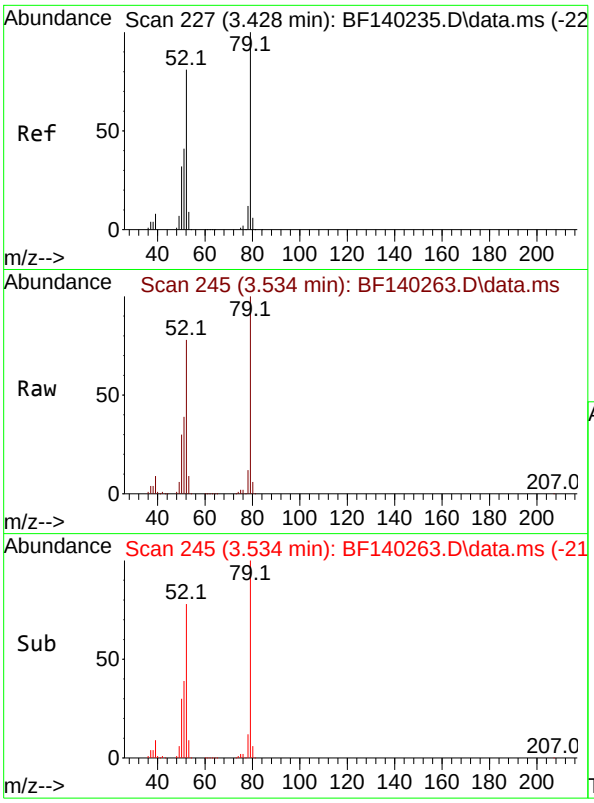


#2
1,4-Dioxane
Concen: 36.354 ng
RT: 2.793 min Scan# 119
Delta R.T. 0.124 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 88 Resp: 191062

Ion	Ratio	Lower	Upper
88	100		
58	79.8	66.7	100.1
43	31.9	27.8	41.8

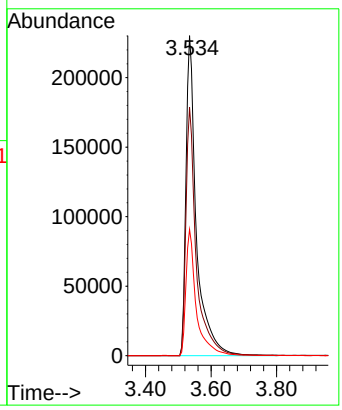




#3
Pyridine
Concen: 39.569 ng
RT: 3.534 min Scan# 24
Delta R.T. 0.106 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 79 Resp: 50743

Ion	Ratio	Lower	Upper
79	100		
52	77.6	64.6	97.0
51	39.5	32.5	48.7



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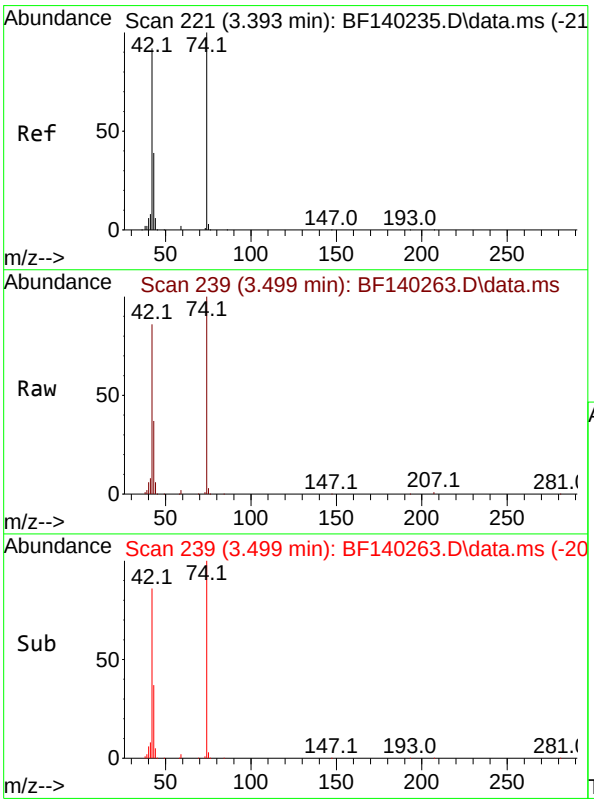
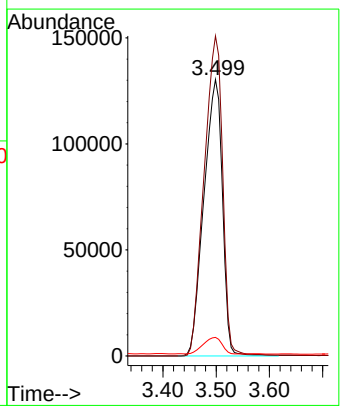
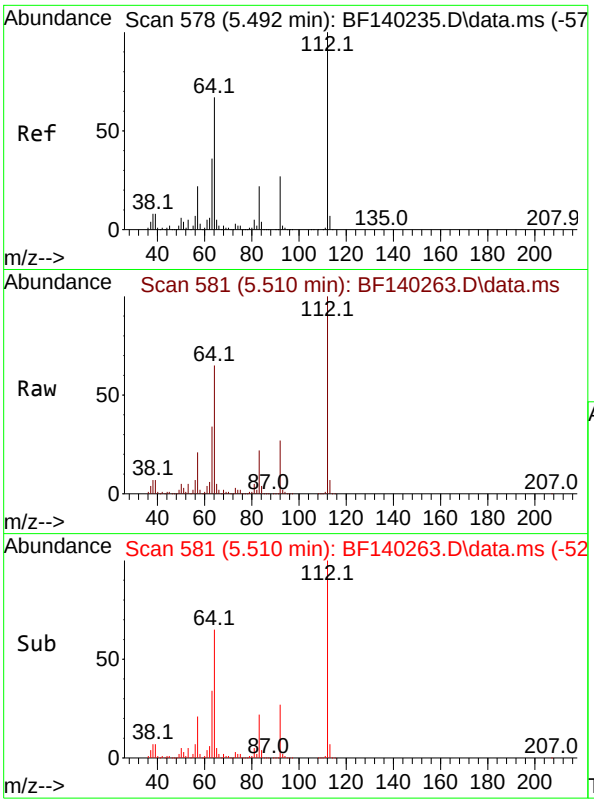


#4
n-Nitrosodimethylamine
Concen: 42.659 ng
RT: 3.499 min Scan# 239
Delta R.T. 0.106 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 42 Resp: 315837

Ion	Ratio	Lower	Upper
42	100		
74	115.7	86.9	130.3
44	6.7	5.0	7.6





#5
2-Fluorophenol
Concen: 124.757 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.018 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:112 Resp: 142615

Ion	Ratio	Lower	Upper
112	100		
64	64.7	53.4	80.2
63	34.5	28.9	43.3

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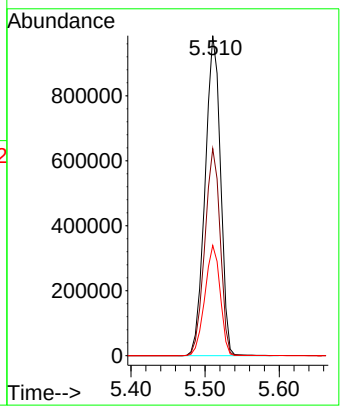
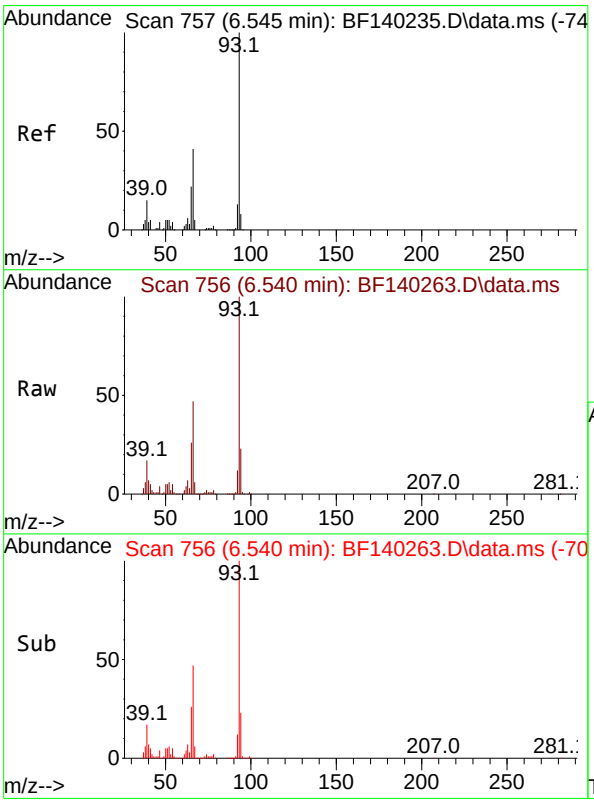
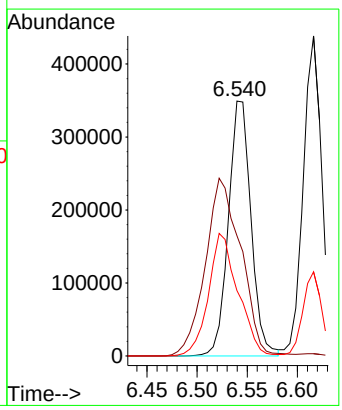


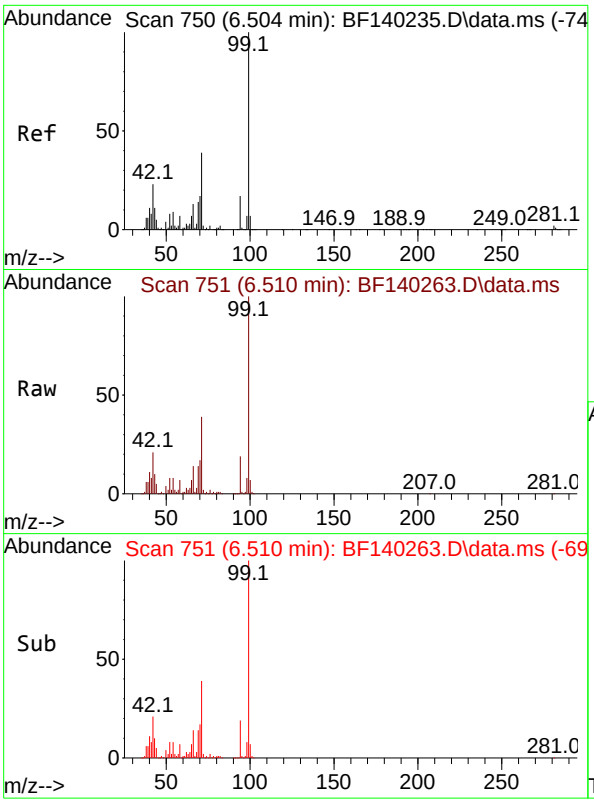


#6
Aniline
Concen: 41.400 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 93 Resp: 549976

Ion	Ratio	Lower	Upper
93	100		
66	47.2	33.6	50.4
65	25.7	17.5	26.3

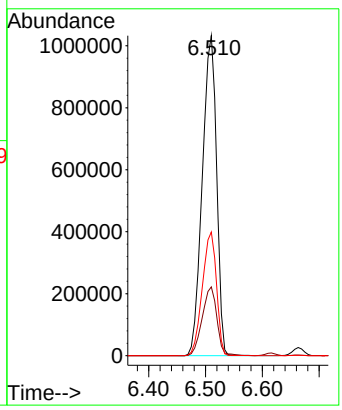




#7
Phenol-d6
Concen: 122.451 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 99 Resp: 180048

Ion	Ratio	Lower	Upper
99	100		
42	21.5	18.2	27.2
71	38.7	30.9	46.3



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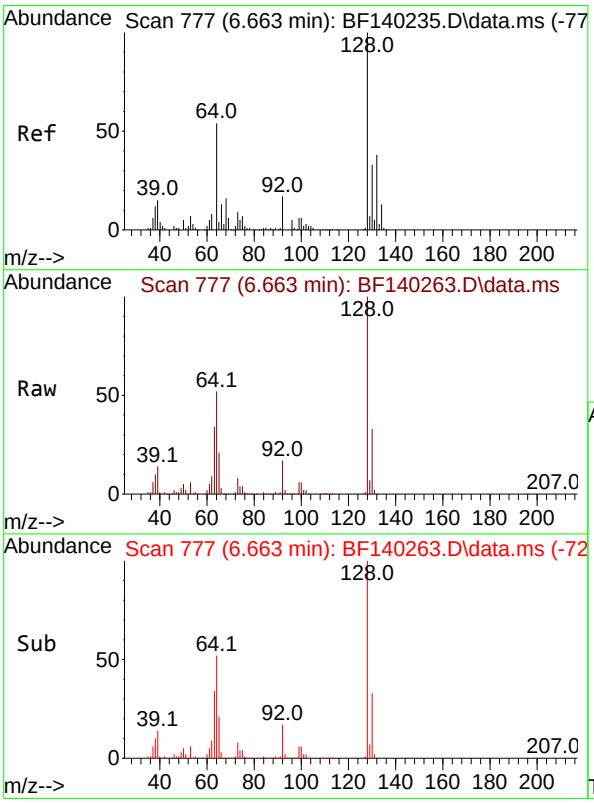
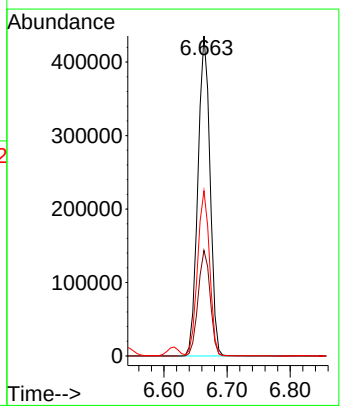
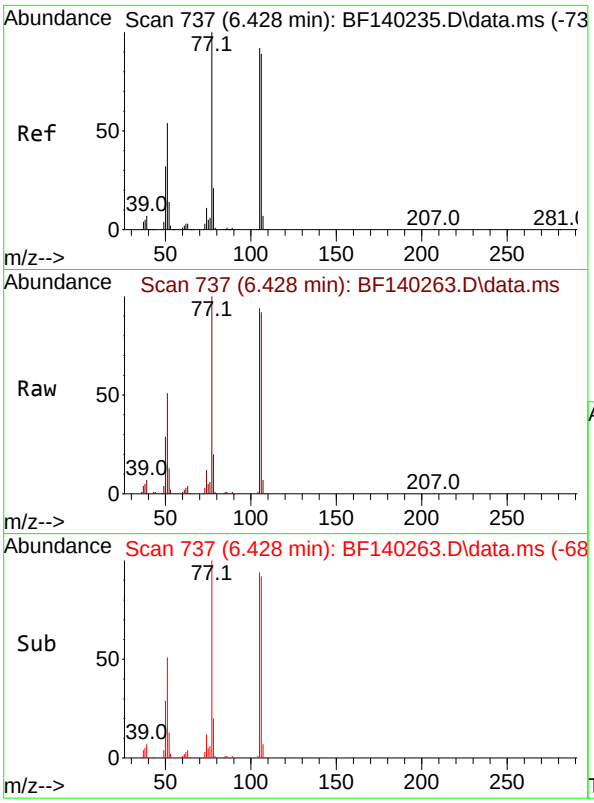


#8
2-Chlorophenol
Concen: 48.480 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:128 Resp: 579870

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	51.6	36.3	76.3

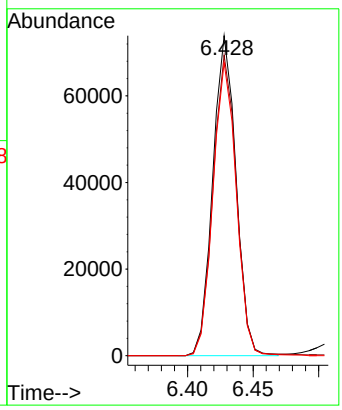




#9
Benzaldehyde
Concen: 10.031 ng
RT: 6.428 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 77 Resp: 9085

Ion	Ratio	Lower	Upper
77	100		
105	93.9	72.1	112.1
106	91.6	68.8	108.8



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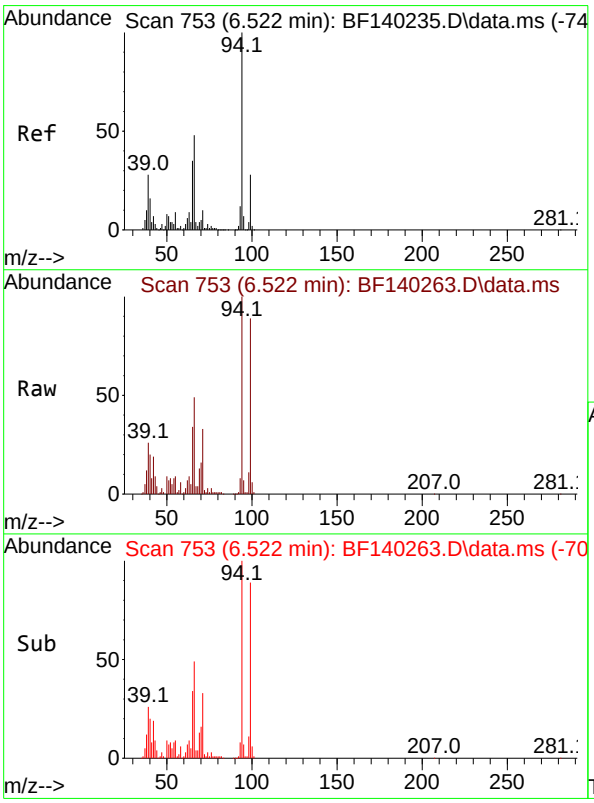
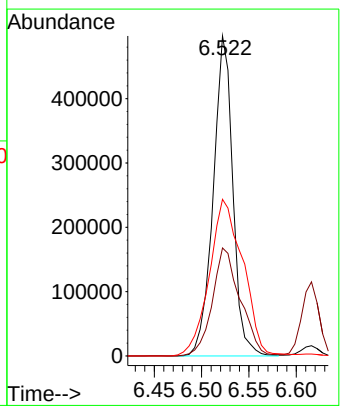
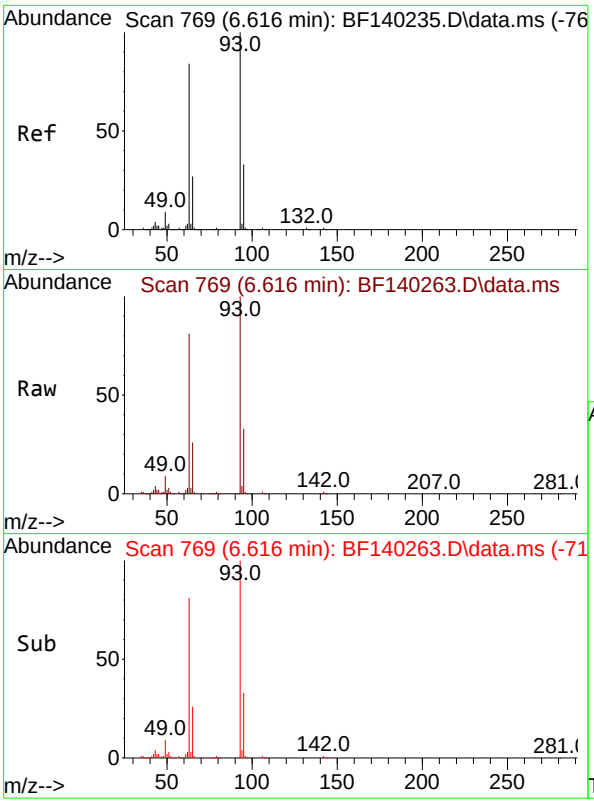


#10
Phenol
Concen: 46.116 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 94 Resp: 720155

Ion	Ratio	Lower	Upper
94	100		
65	33.8	15.1	55.1
66	49.0	28.8	68.8





#11
bis(2-Chloroethyl)ether
Concen: 47.232 ng
RT: 6.616 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 93 Resp: 56031

Ion	Ratio	Lower	Upper
93	100		
63	80.6	63.6	103.6
95	32.8	12.7	52.7

Instrument :
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ClientSampleId :
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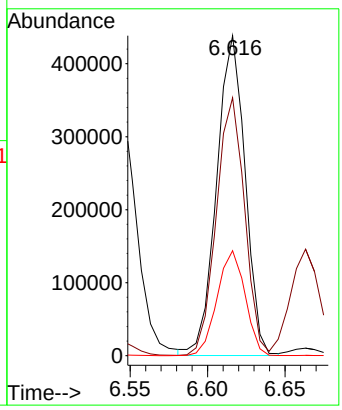
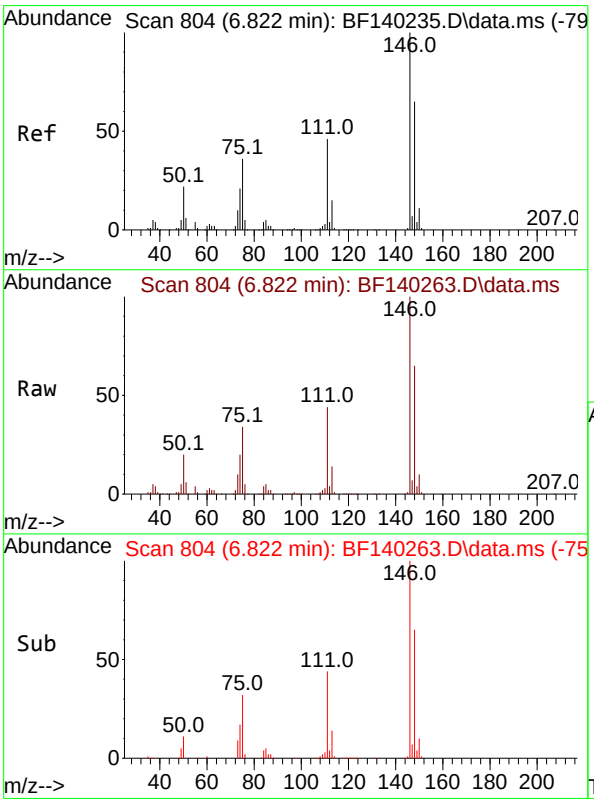
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

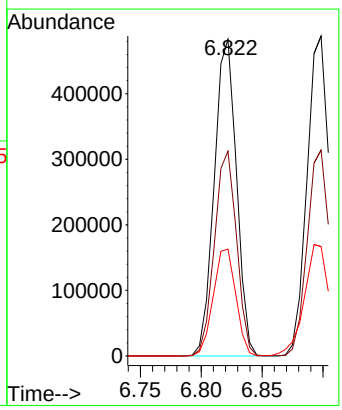


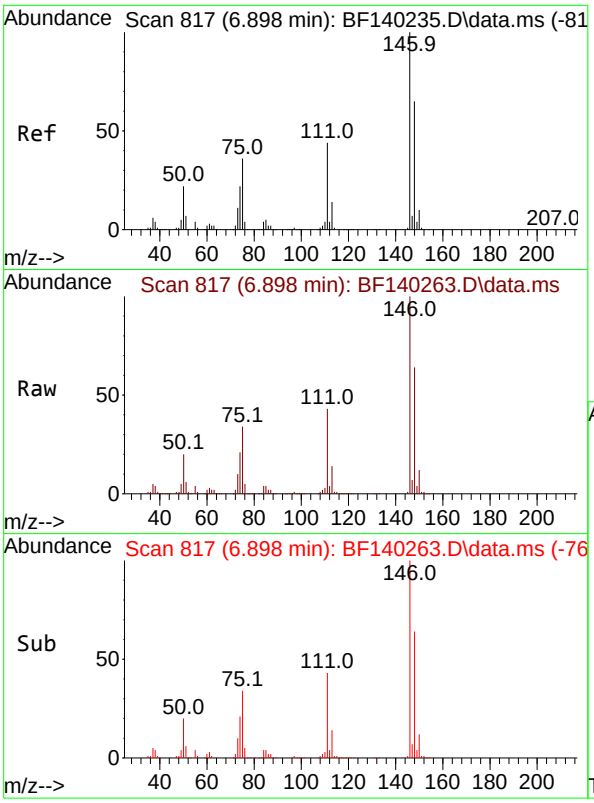


#12
1,3-Dichlorobenzene
Concen: 43.834 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:146 Resp: 614397

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.7	77.5
75	33.7	28.4	42.6

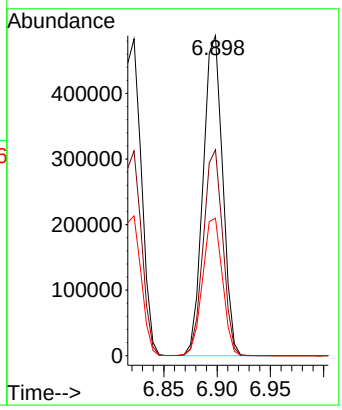




#13
1,4-Dichlorobenzene
Concen: 44.044 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:146 Resp: 62263

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	43.0	35.4	53.2



Instrument :
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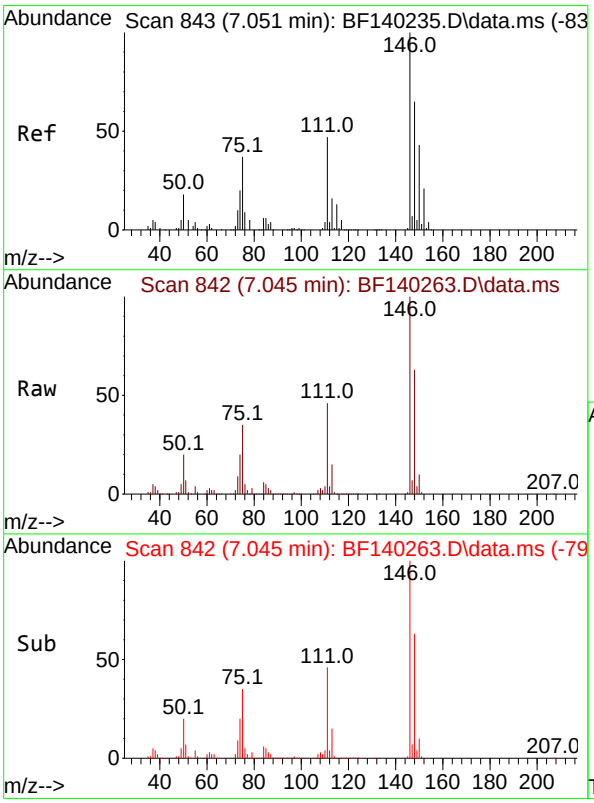
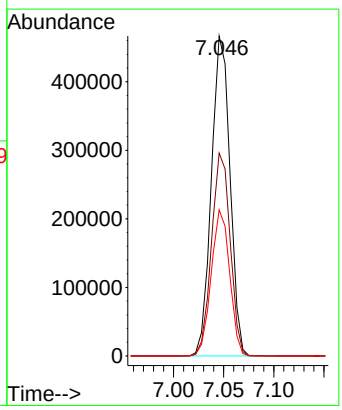
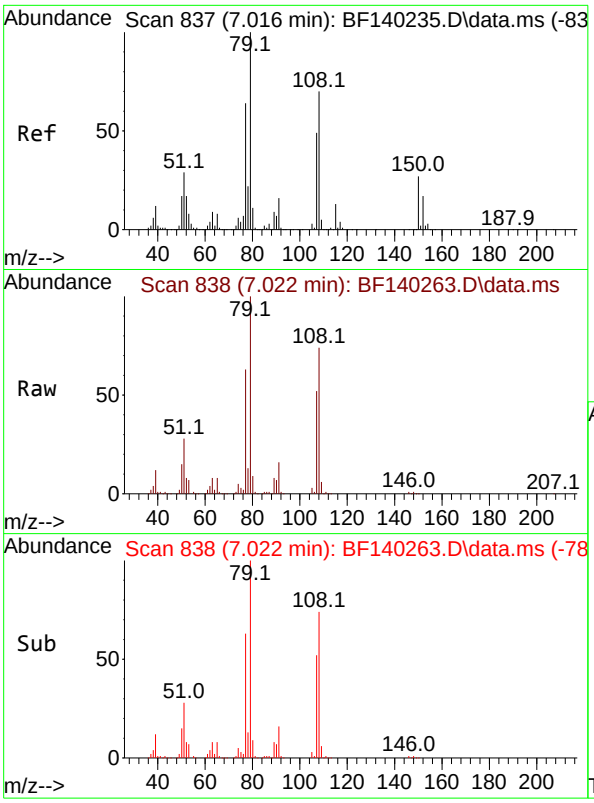


#14
1,2-Dichlorobenzene
Concen: 45.539 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:146 Resp: 601259

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.6
111	45.7	37.9	56.9





#15
Benzyl Alcohol
Concen: 47.976 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 79 Resp: 54380

Ion	Ratio	Lower	Upper
79	100		
108	74.1	55.8	83.6
77	63.1	51.1	76.7

Instrument :
BNA_F
ClientSampleId :
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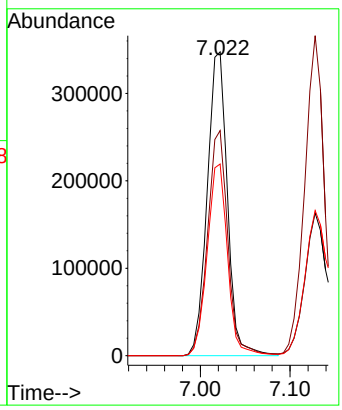
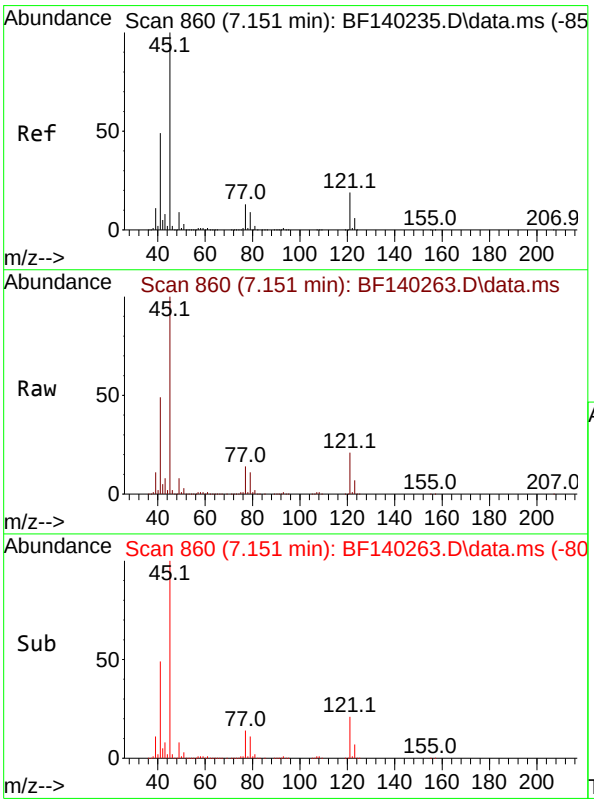
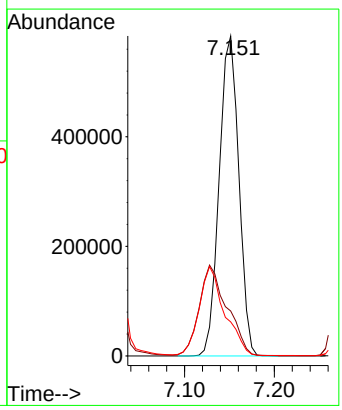


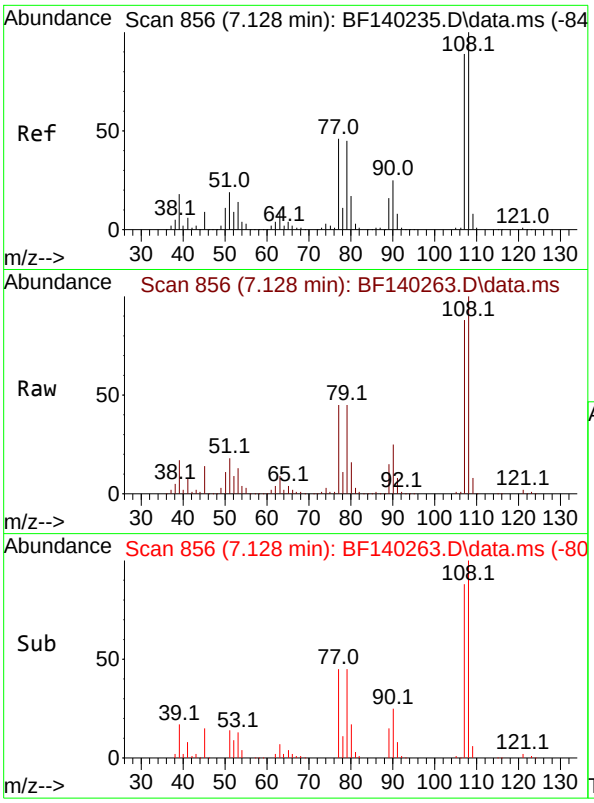


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.232 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 45 Resp: 887765

Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.3
79	10.6	0.0	29.9

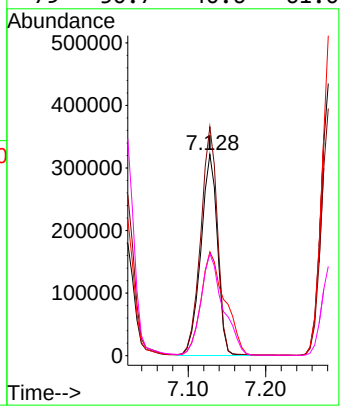




#17
2-Methylphenol
Concen: 48.138 ng
RT: 7.128 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:107 Resp: 48030

Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.5	135.7
77	51.6	41.8	62.6
79	50.7	40.6	61.0



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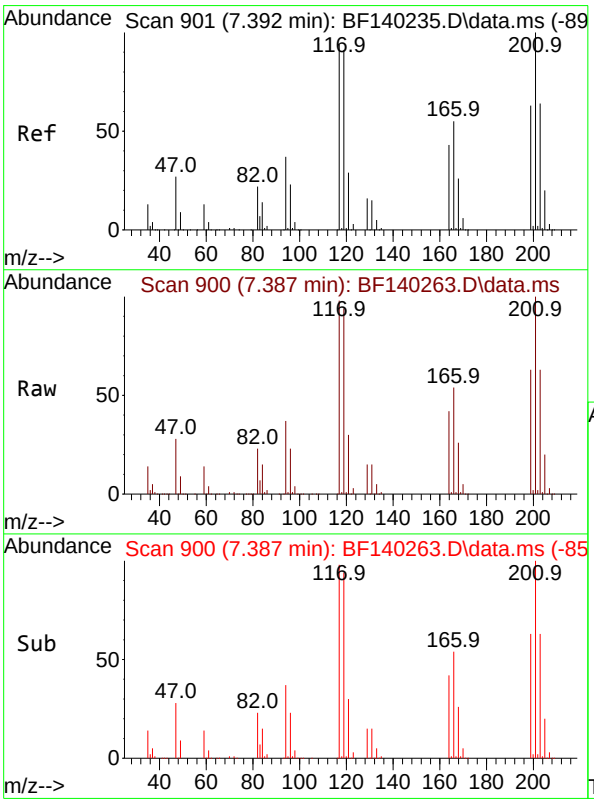
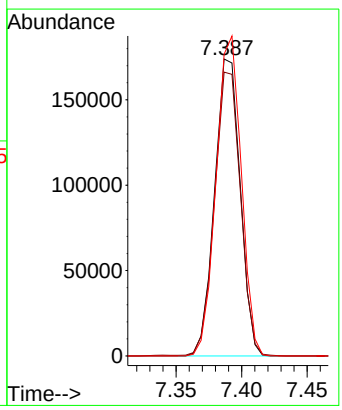
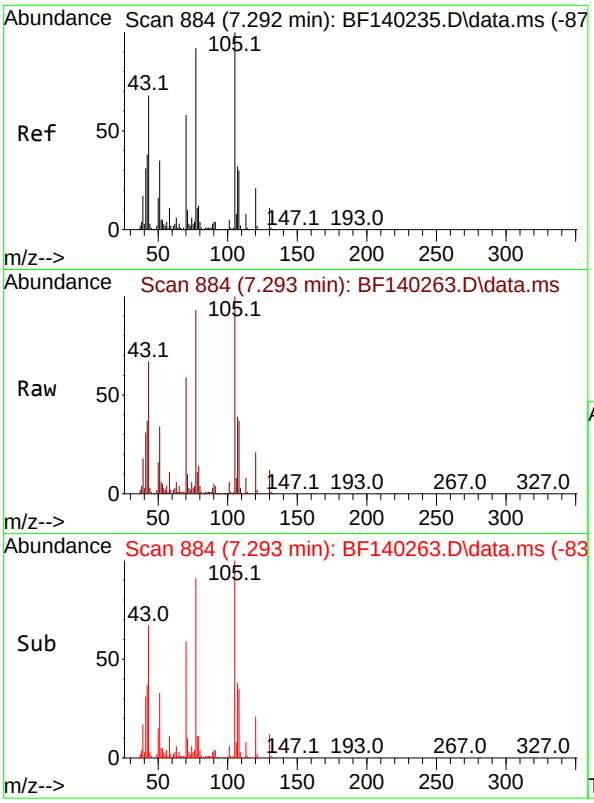


#18
Hexachloroethane
Concen: 44.841 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:117 Resp: 236125

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.3	115.9
201	101.6	85.1	127.7

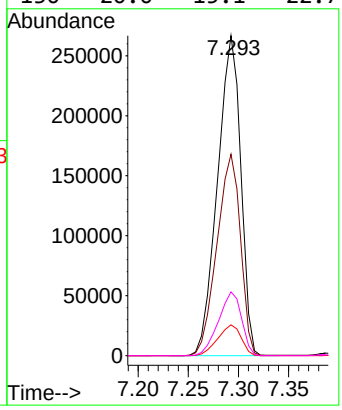




#19
n-Nitroso-di-n-propylamine
Concen: 45.864 ng
RT: 7.293 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 70 Resp: 43021

Ion	Ratio	Lower	Upper
70	100		
42	63.0	52.8	79.2
101	9.7	7.4	11.2
130	20.0	15.1	22.7



Instrument :
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ClientSampleId :
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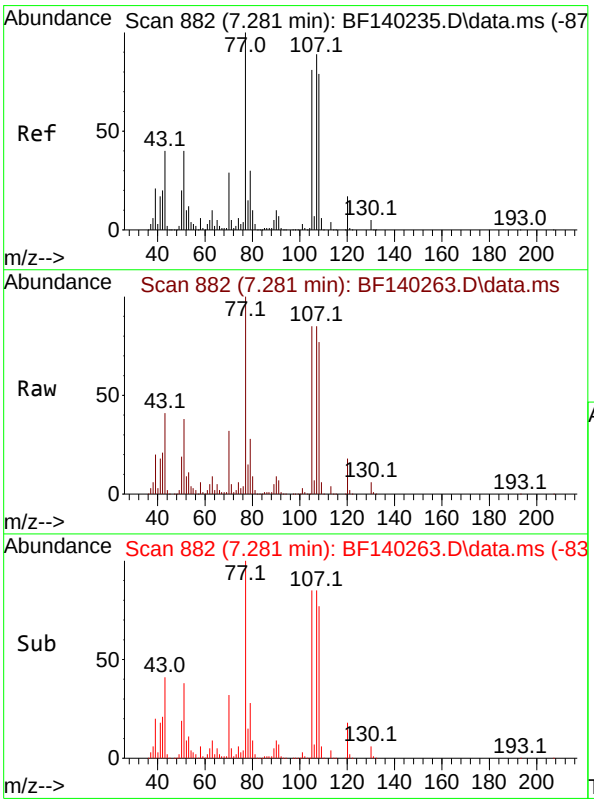
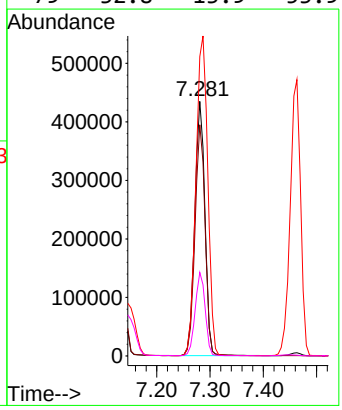
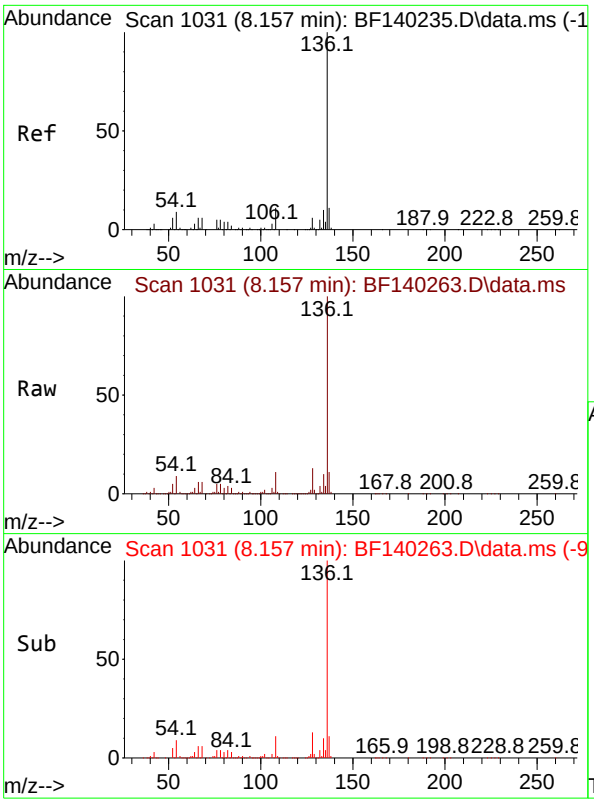


#20
3+4-Methylphenols
Concen: 45.658 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:107 Resp: 572150

Ion	Ratio	Lower	Upper
107	100		
108	90.8	69.4	109.4
77	117.6	92.7	132.7
79	32.8	13.9	53.9

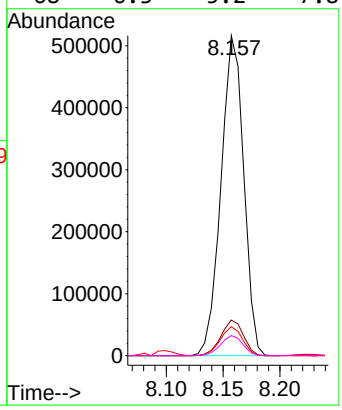




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:136 Resp: 71781

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.1	7.7	11.5
68	6.3	5.2	7.8



Instrument :
BNA_F
ClientSampleId :
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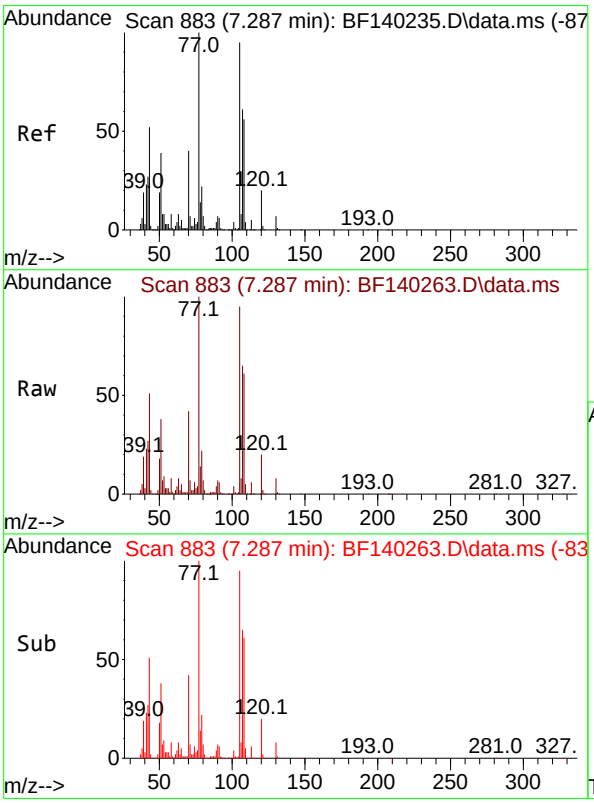
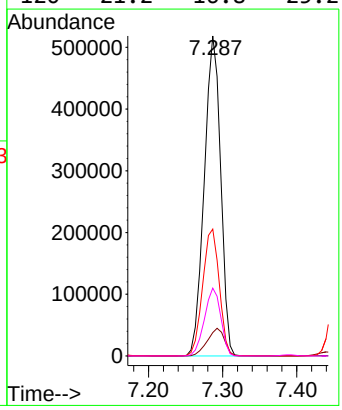
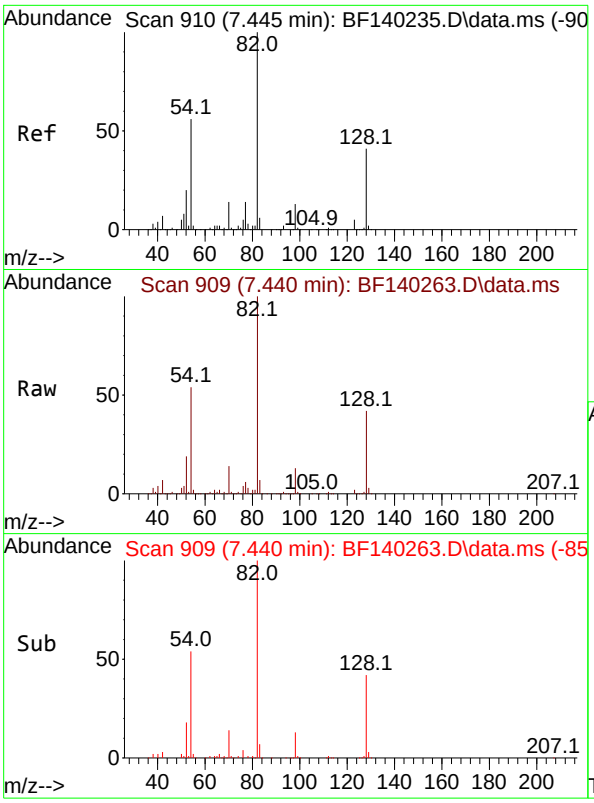


#22
Acetophenone
Concen: 44.719 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:105 Resp: 795861

Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.6	8.4
51	39.6	33.2	49.8
120	21.2	16.8	25.2





#23
Nitrobenzene-d5
Concen: 86.465 ng
RT: 7.440 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 82 Resp: 124833

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.8	49.2
54	54.4	44.3	66.5

Instrument :
BNA_F
ClientSampleId :
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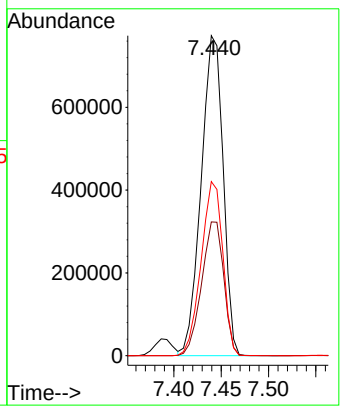
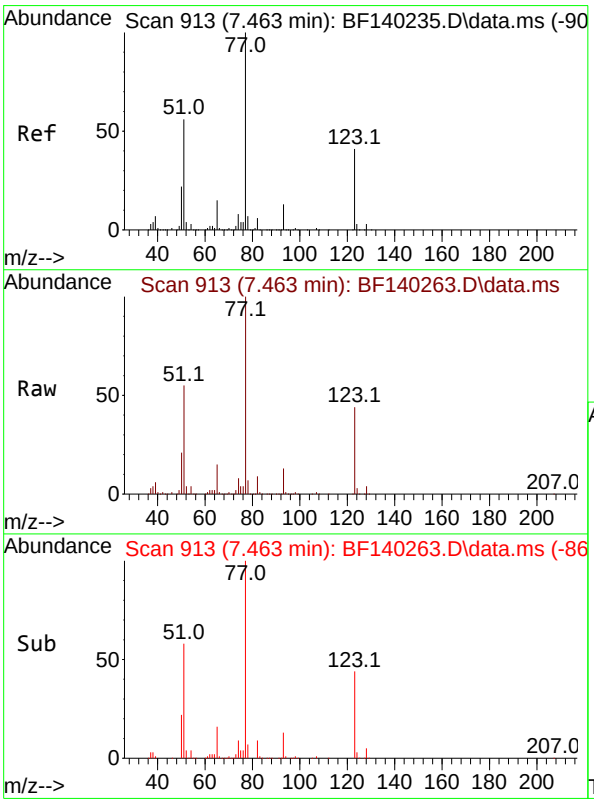
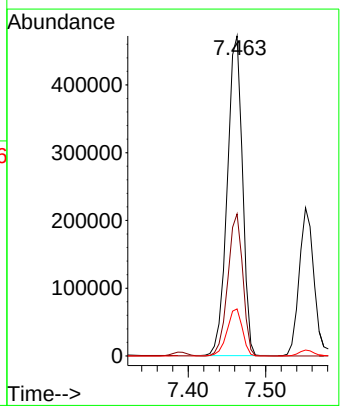


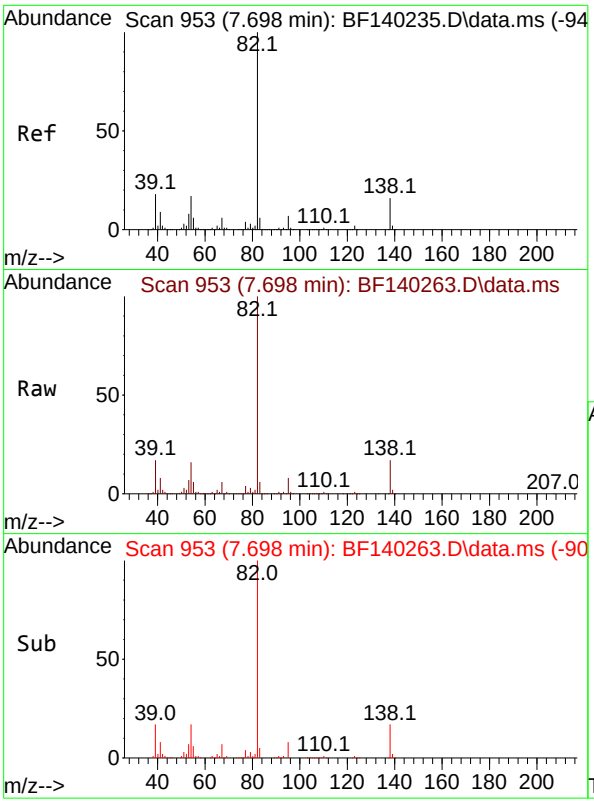


#24
Nitrobenzene
Concen: 42.486 ng
RT: 7.463 min Scan# 913
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 77 Resp: 643626

Ion	Ratio	Lower	Upper
77	100		
123	44.4	33.0	49.4
65	14.7	11.7	17.5





#25
Isophorone
Concen: 47.155 ng
RT: 7.698 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 82 Resp: 117225

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.0	9.0
138	16.6	12.9	19.3

Instrument :
BNA_F
ClientSampleId :
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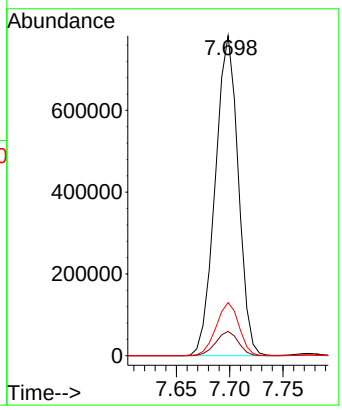
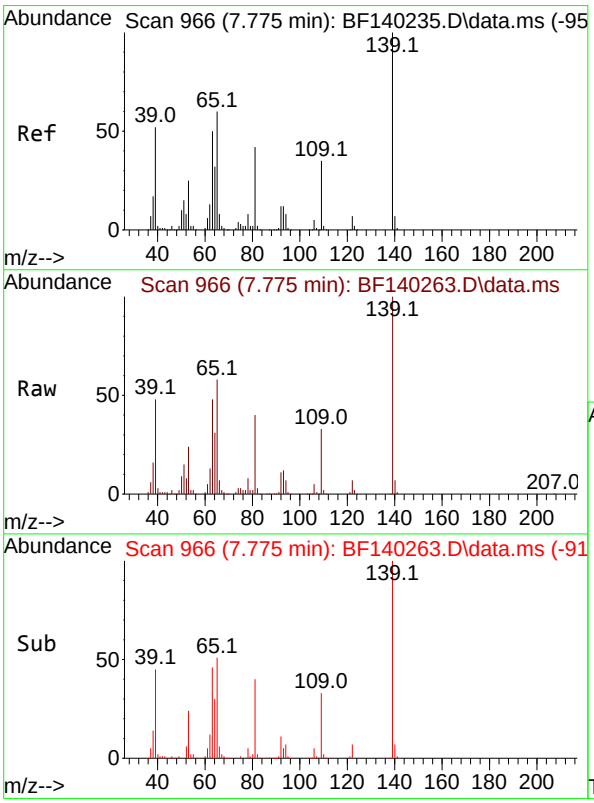
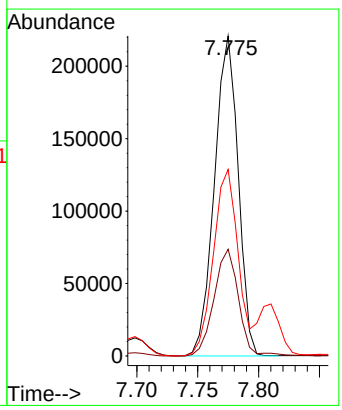


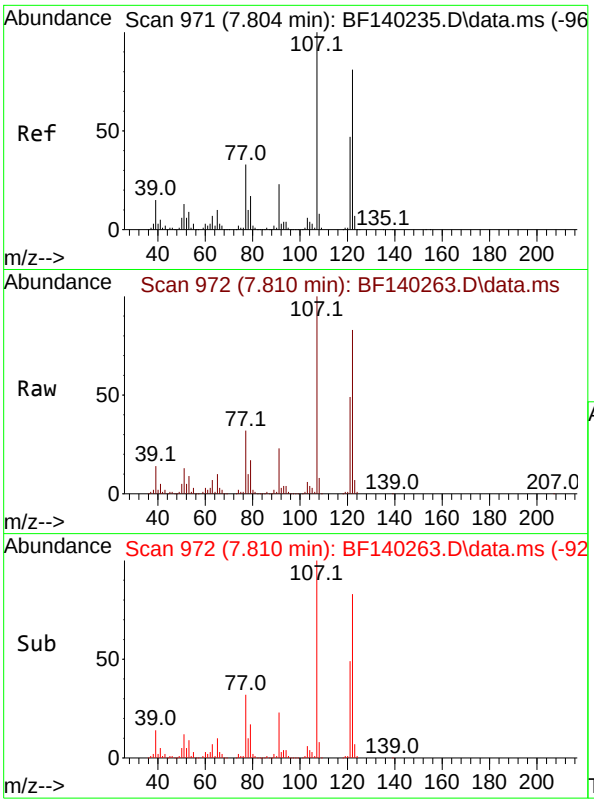


#26
2-Nitrophenol
Concen: 49.729 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:139 Resp: 299675

Ion	Ratio	Lower	Upper
139	100		
109	33.4	27.8	41.8
65	58.3	48.2	72.2

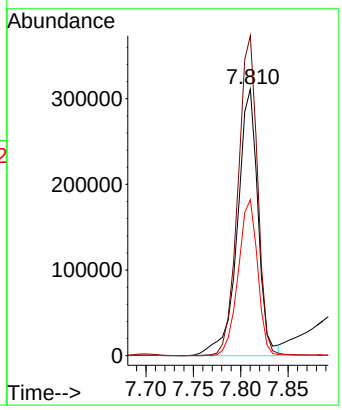




#27
2,4-Dimethylphenol
Concen: 57.274 ng
RT: 7.810 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:122 Resp: 46954

Ion	Ratio	Lower	Upper
122	100		
107	120.0	99.4	149.0
121	58.5	47.1	70.7



Instrument :
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ClientSampleId :
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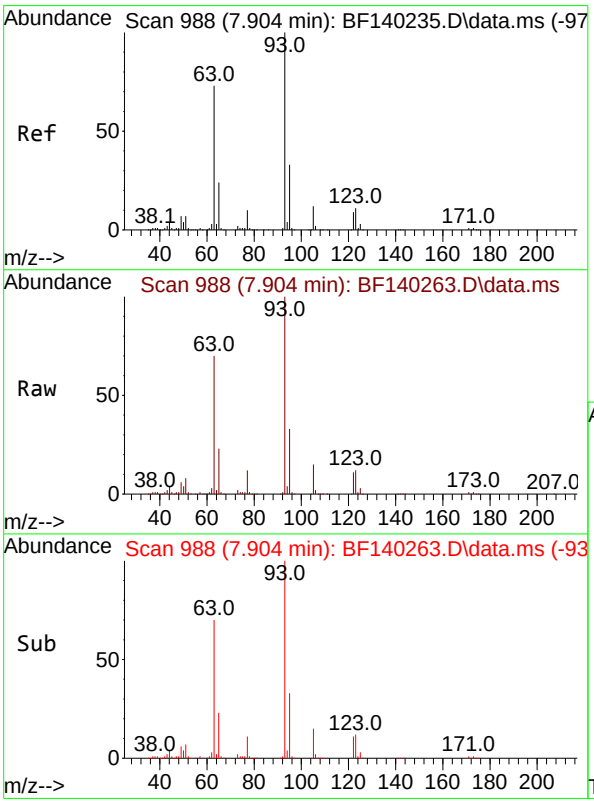
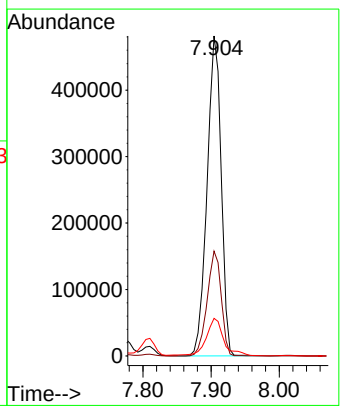
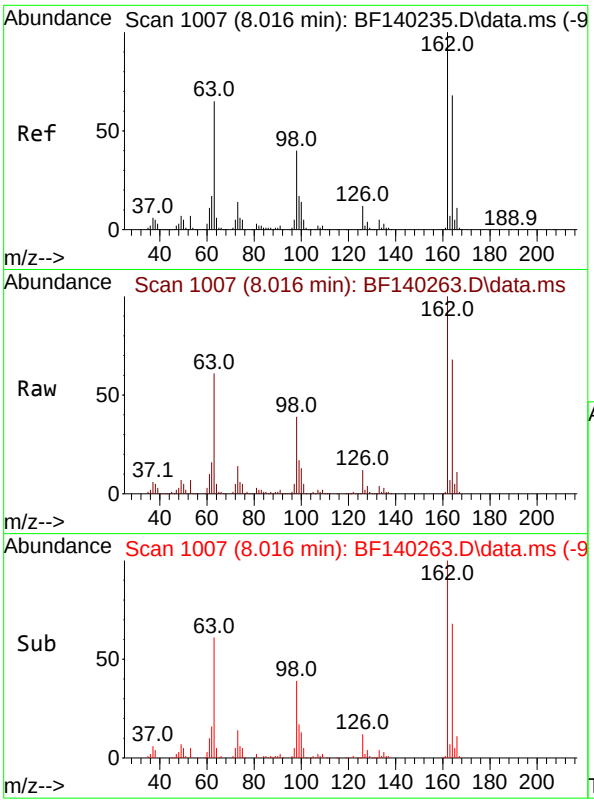


#28
bis(2-Chloroethoxy)methane
Concen: 46.522 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 93 Resp: 692092

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.1	39.1
123	11.8	9.4	14.0





#29
2,4-Dichlorophenol
Concen: 47.877 ng
RT: 8.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:162 Resp: 48557

Ion	Ratio	Lower	Upper
162	100		
164	67.6	47.5	87.5
98	38.5	19.5	59.5

Instrument :
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ClientSampleId :
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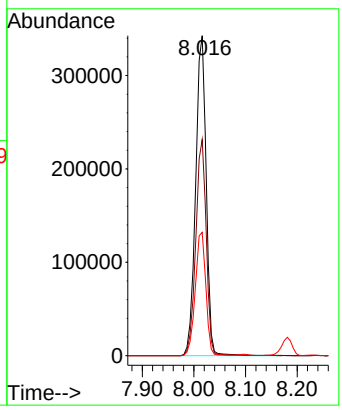
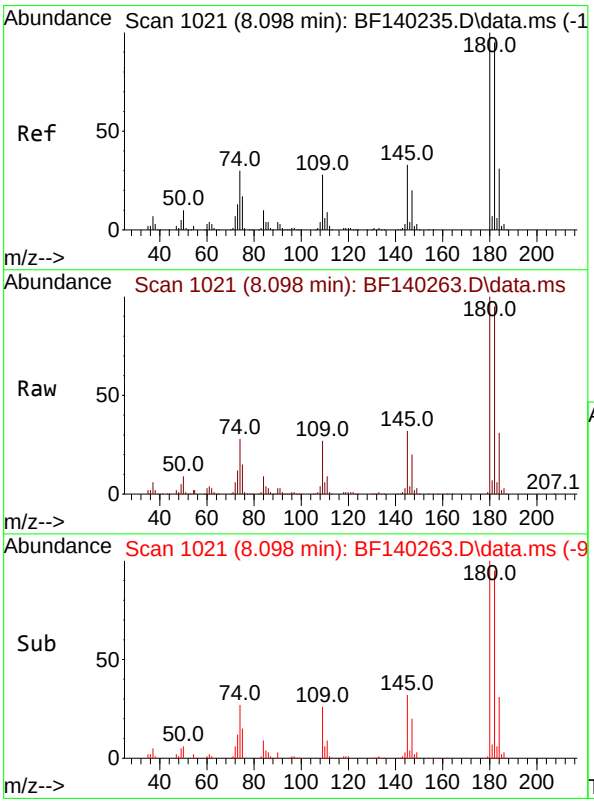
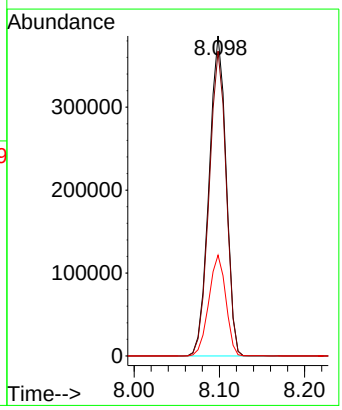


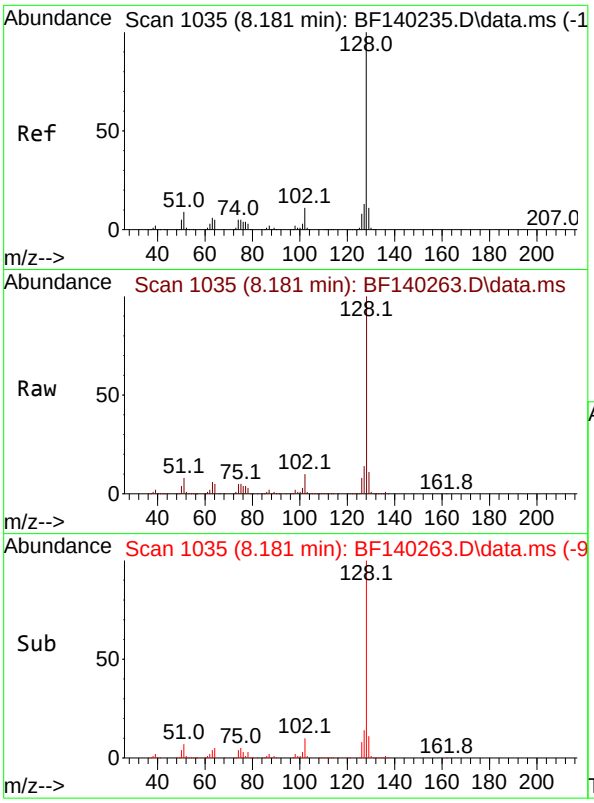


#30
1,2,4-Trichlorobenzene
Concen: 44.226 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:180 Resp: 537498

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.9	113.9
145	31.5	26.1	39.1

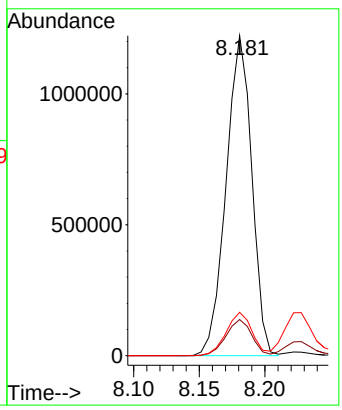




#31
Naphthalene
Concen: 44.968 ng
RT: 8.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:128 Resp: 166681

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.5	10.7	16.1



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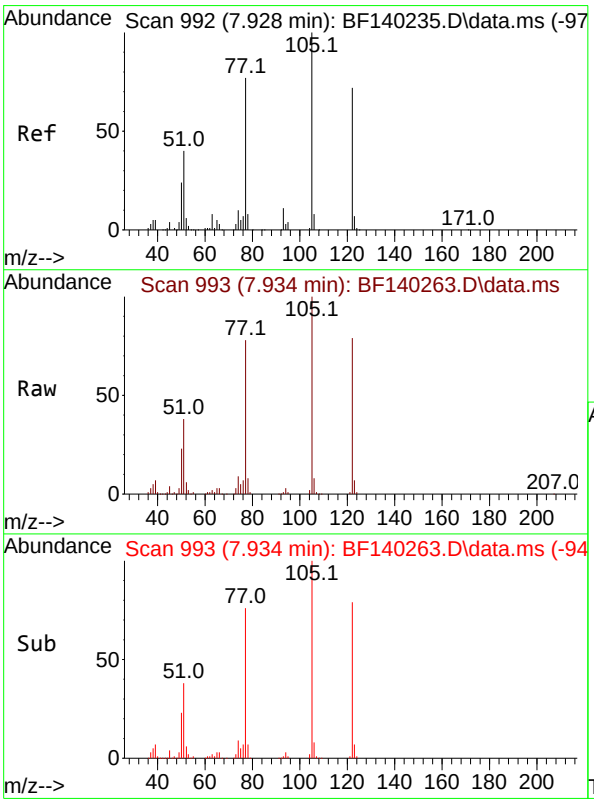
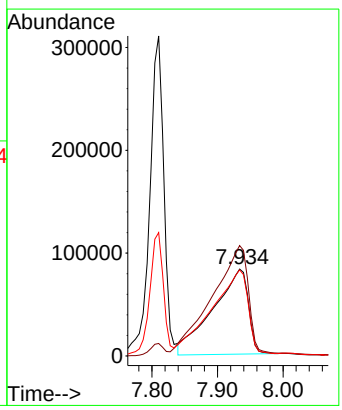
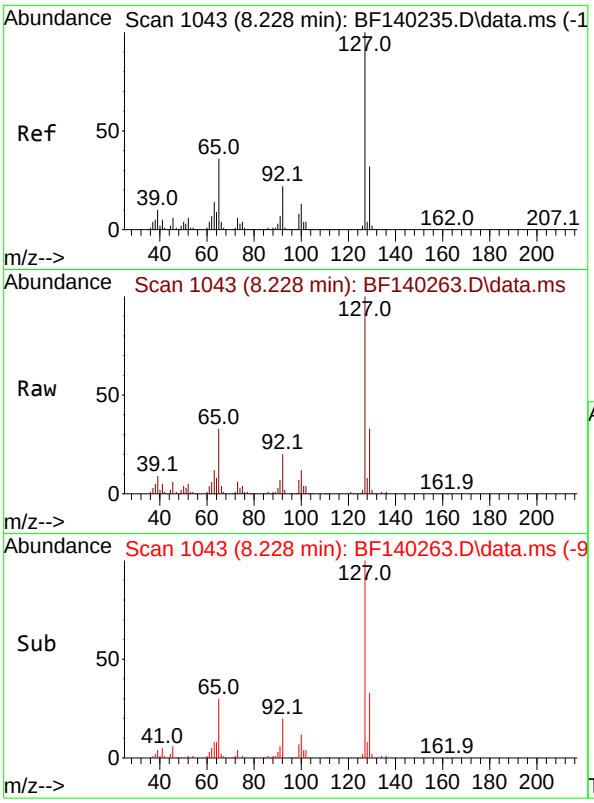


#32
Benzoic acid
Concen: 46.242 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:122 Resp: 311120

Ion	Ratio	Lower	Upper
122	100		
105	127.1	112.6	152.6
77	99.1	84.3	124.3

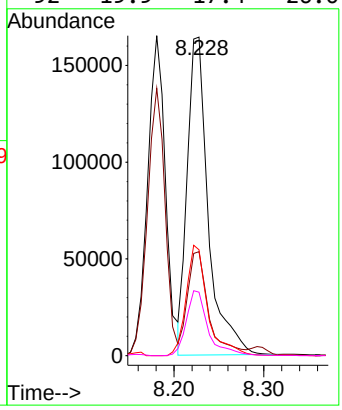




#33
4-Chloroaniline
Concen: 22.007 ng
RT: 8.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:127 Resp: 26854

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	33.2	29.0	43.6
92	19.9	17.4	26.0



Instrument :
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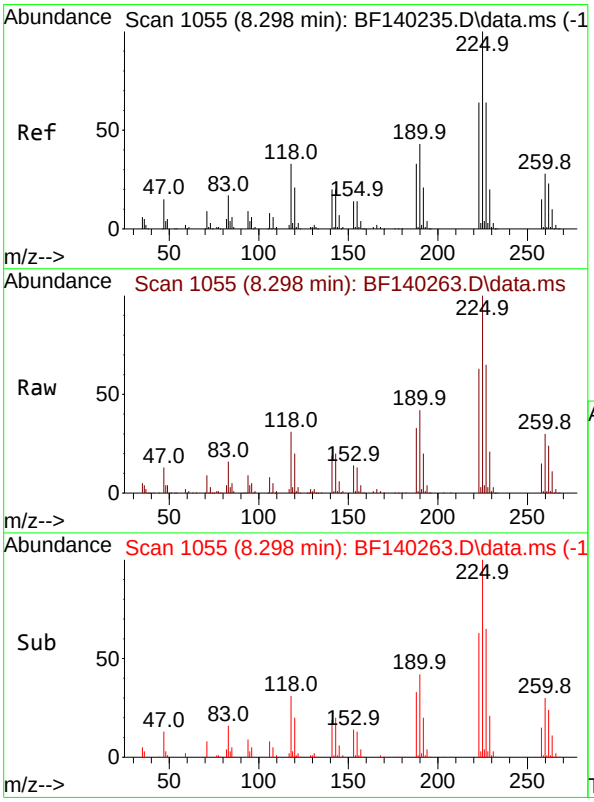
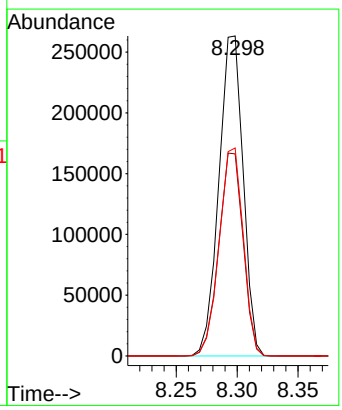
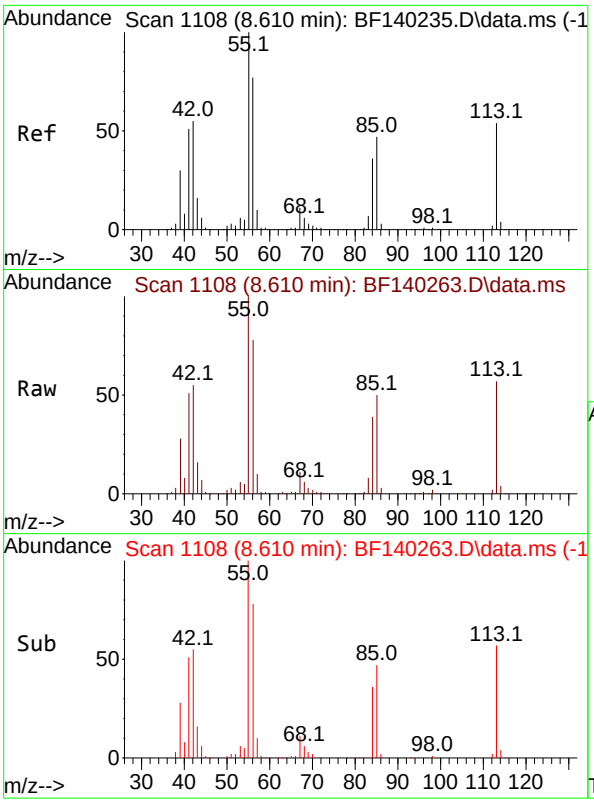


#34
Hexachlorobutadiene
Concen: 44.493 ng
RT: 8.298 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:225 Resp: 366012

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.8	76.2
227	65.0	51.0	76.6

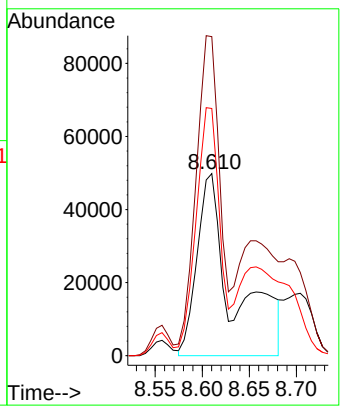




#35
Caprolactam
Concen: 43.047 ng m
RT: 8.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:113 Resp: 13281

Ion	Ratio	Lower	Upper
113	100		
55	175.2	165.2	205.2
56	135.8	122.1	162.1



Instrument :
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ClientSampleId :
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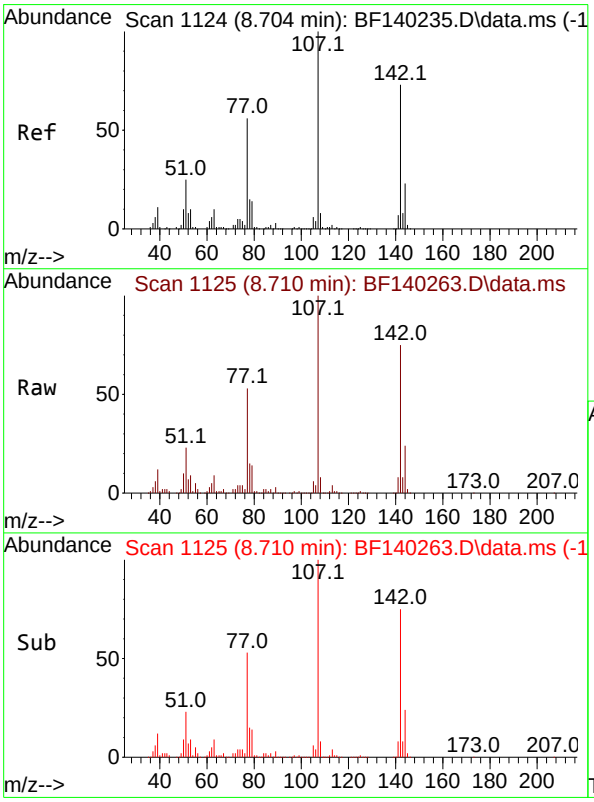
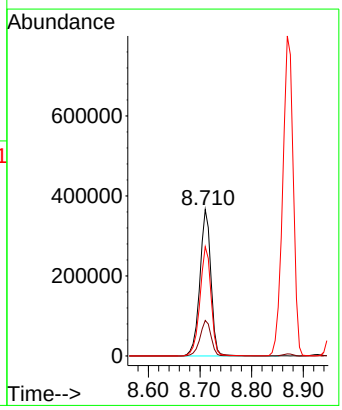
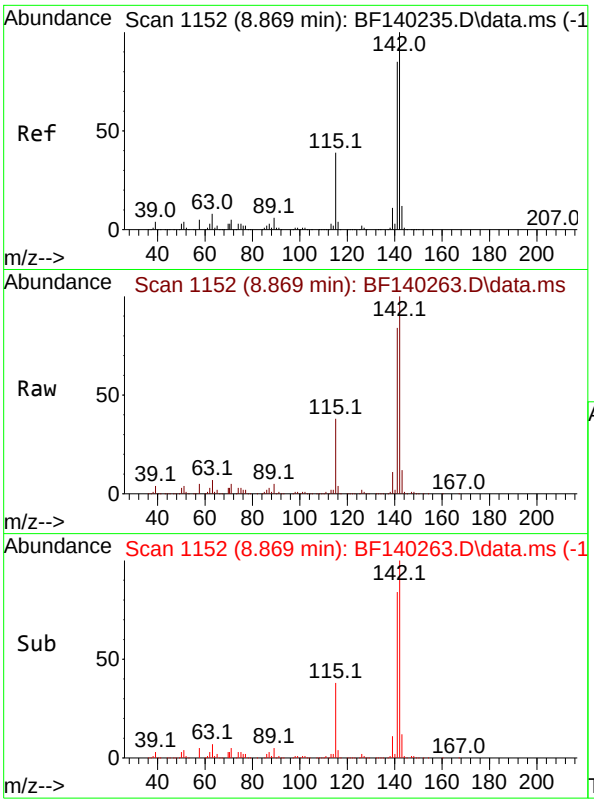


#36
4-Chloro-3-methylphenol
Concen: 48.128 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:107 Resp: 543474

Ion	Ratio	Lower	Upper
107	100		
144	24.3	18.6	27.8
142	74.7	58.1	87.1

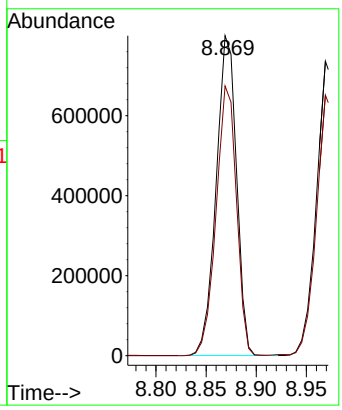




#37
2-Methylnaphthalene
Concen: 46.629 ng
RT: 8.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:142 Resp: 112801

Ion	Ratio	Lower	Upper
142	100		
141	84.3	67.8	101.8



Instrument :
BNA_F
ClientSampleId :
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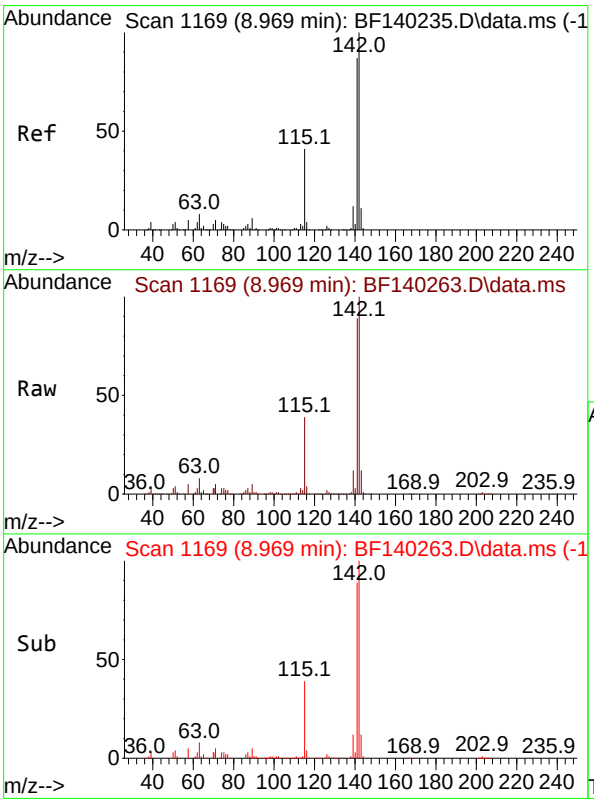
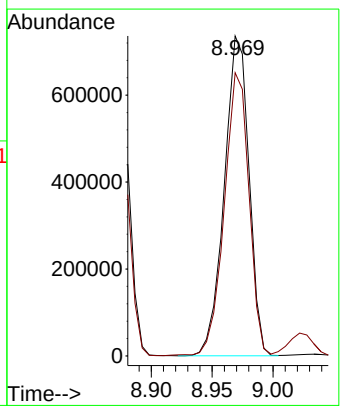
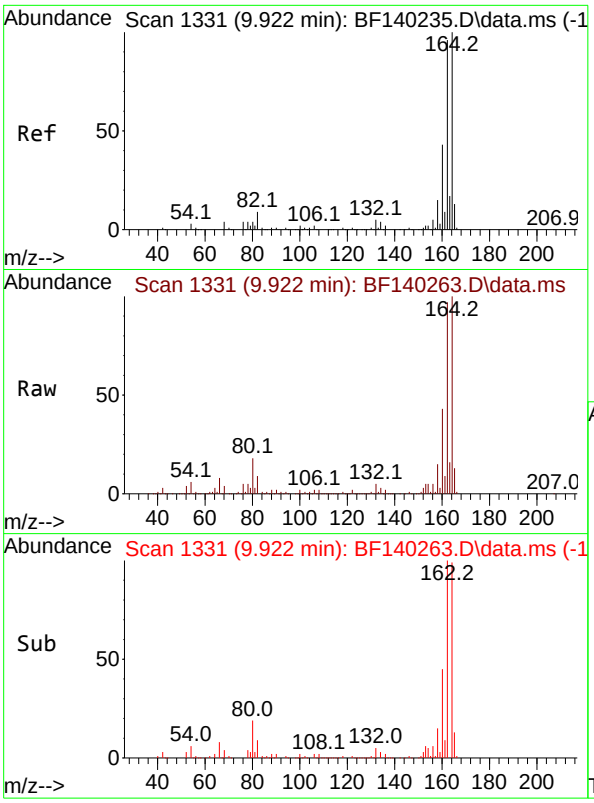


#38
1-Methylnaphthalene
Concen: 43.726 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:142 Resp: 1036798

Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.7	104.5

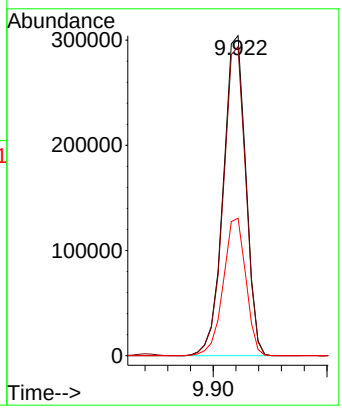




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:164 Resp: 42055

Ion	Ratio	Lower	Upper
164	100		
162	96.5	77.0	115.4
160	42.9	34.1	51.1



Instrument :
BNA_F
ClientSampleId :
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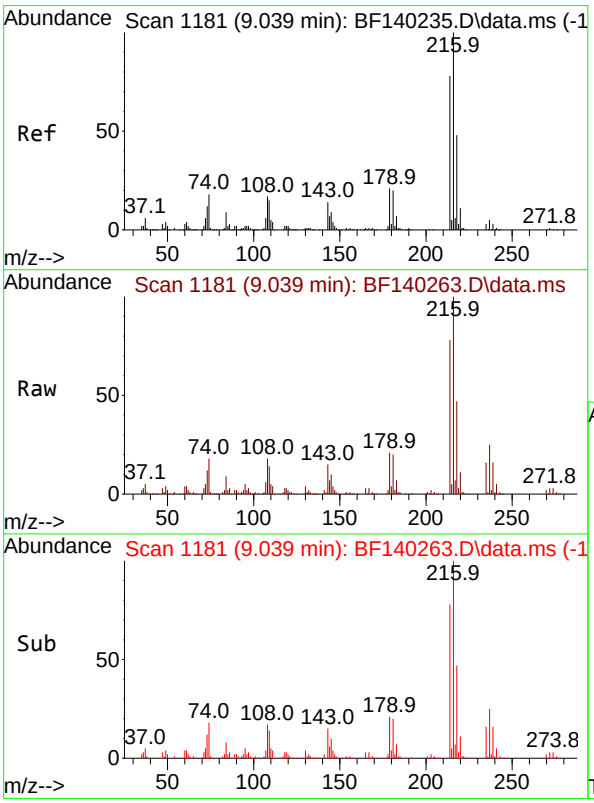
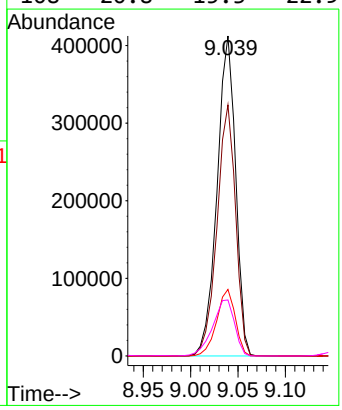
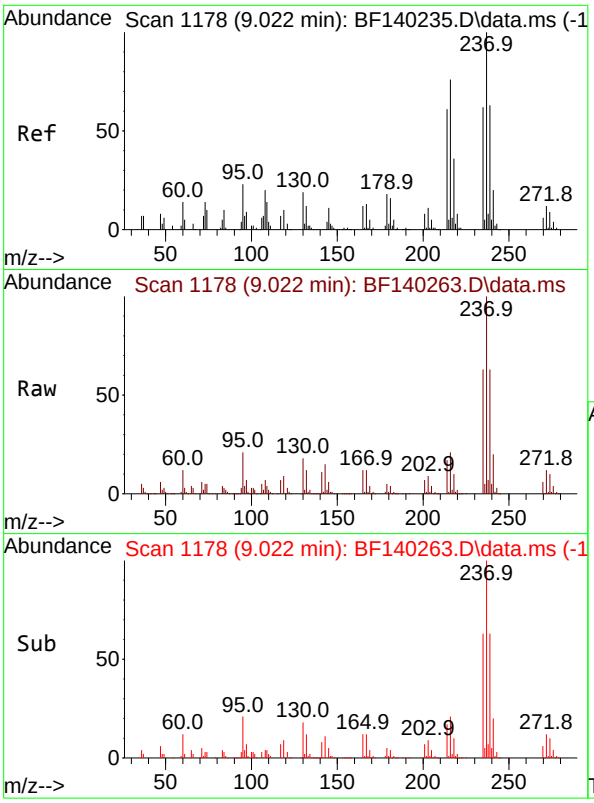


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.740 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:216 Resp: 563138

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.8	94.2
179	20.9	17.3	25.9
108	20.8	15.3	22.9





#41
Hexachlorocyclopentadiene
Concen: 196.644 ng
RT: 9.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:237 Resp: 67840

Ion	Ratio	Lower	Upper
237	100		
235	63.4	41.8	81.8
272	12.2	0.0	31.8

Instrument :
BNA_F
ClientSampleId :
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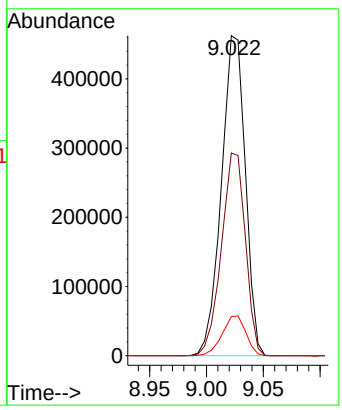
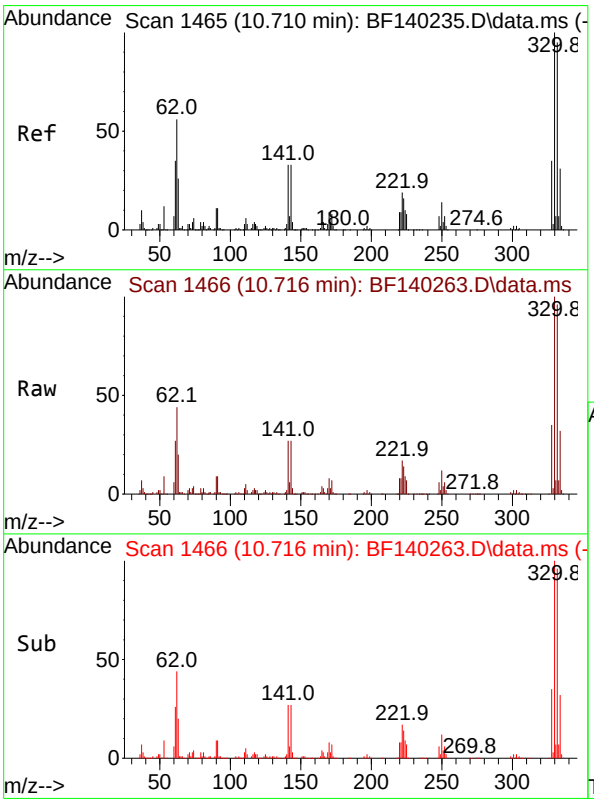
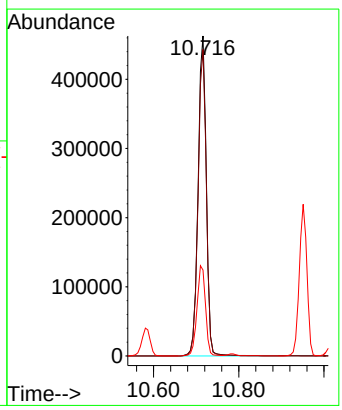


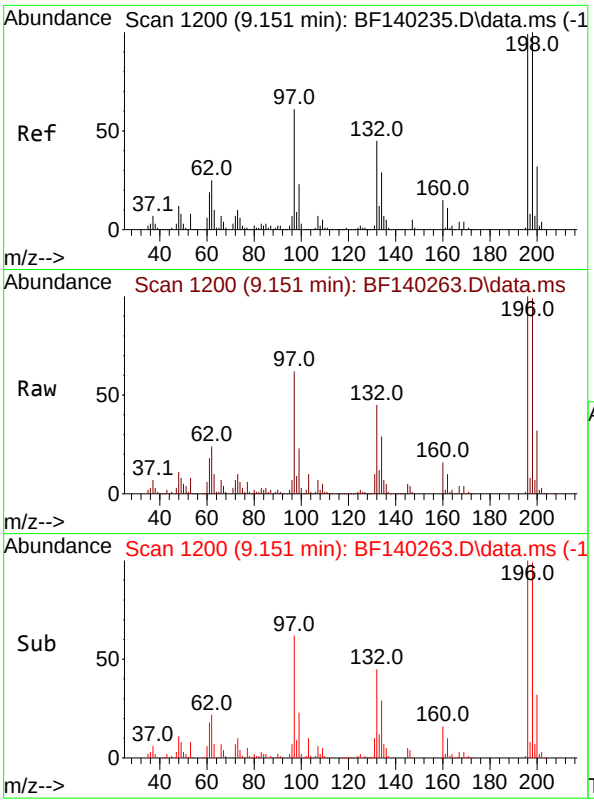


#42
2,4,6-Tribromophenol
Concen: 148.937 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:330 Resp: 619126

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.4	114.6
141	29.3	27.0	40.4

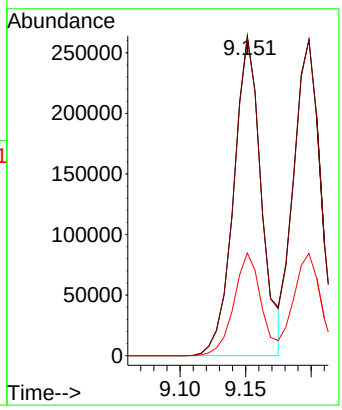




#43
2,4,6-Trichlorophenol
Concen: 50.458 ng
RT: 9.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:196 Resp: 38496

Ion	Ratio	Lower	Upper
196	100		
198	99.3	80.8	121.2
200	32.1	26.0	39.0



Instrument :
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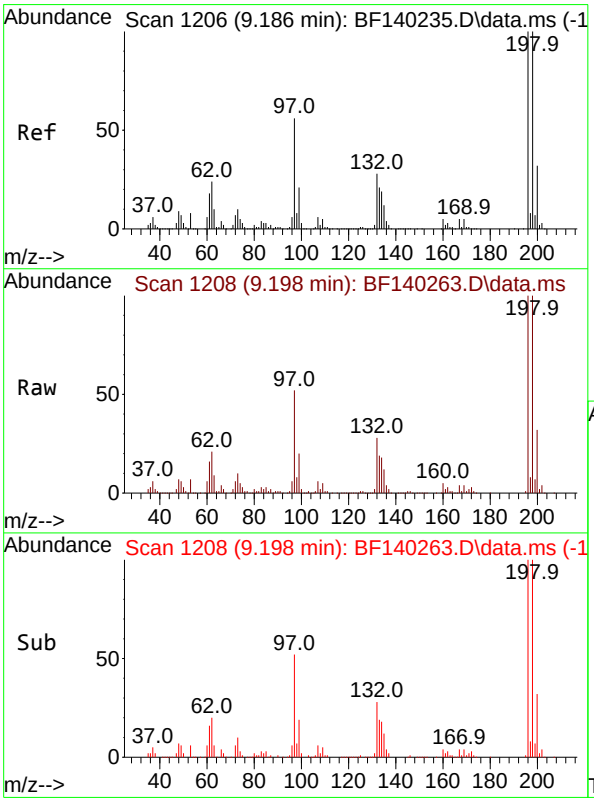
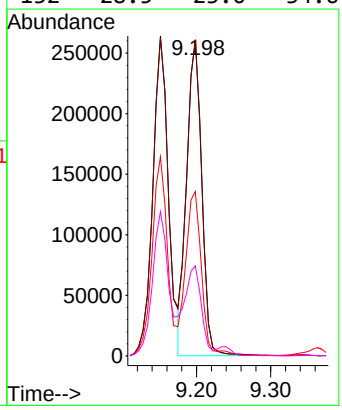
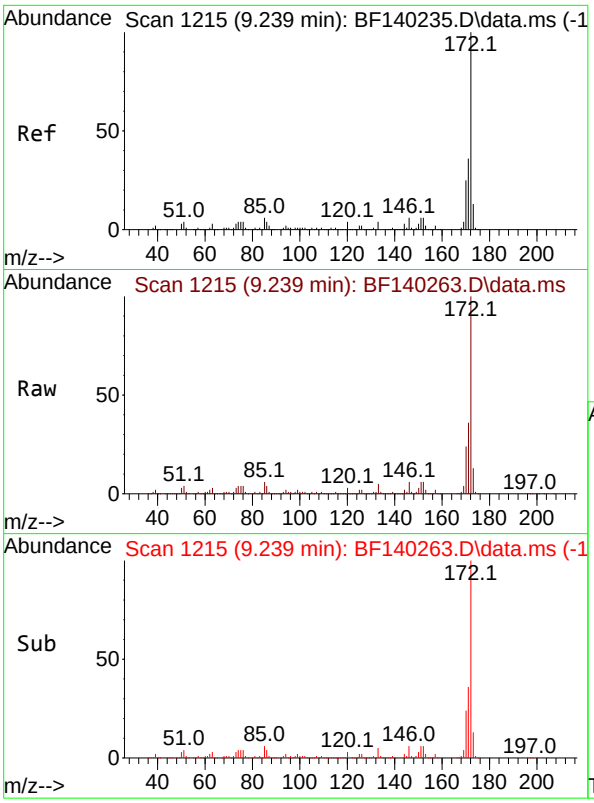


#44
2,4,5-Trichlorophenol
Concen: 46.186 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:196 Resp: 370500

Ion	Ratio	Lower	Upper
196	100		
198	100.2	80.0	120.0
97	52.1	45.7	68.5
132	28.5	23.0	34.6

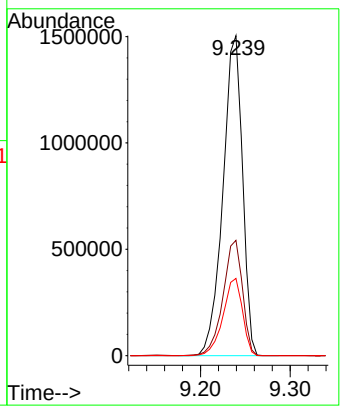




#45
2-Fluorobiphenyl
Concen: 86.432 ng
RT: 9.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:172 Resp: 227637

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	24.1	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
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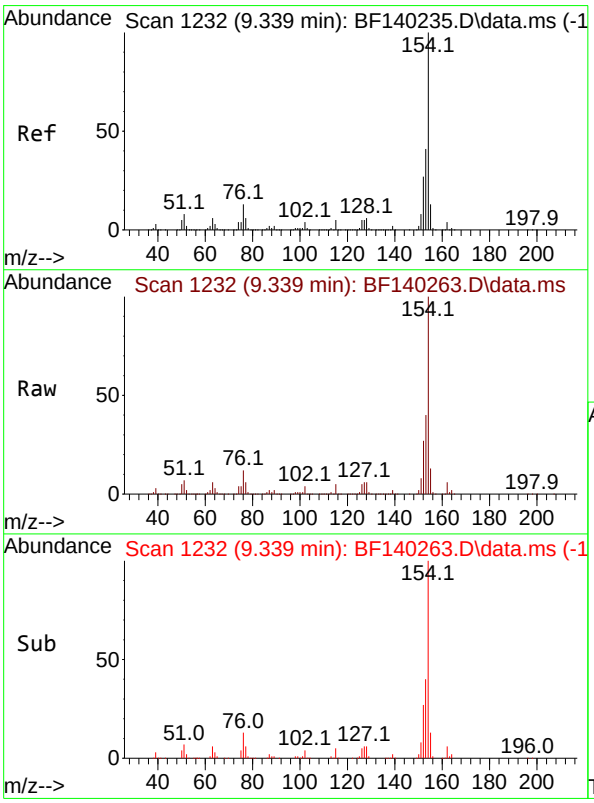
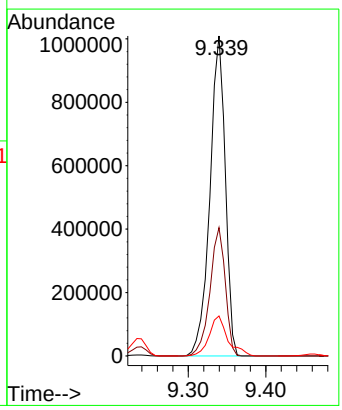
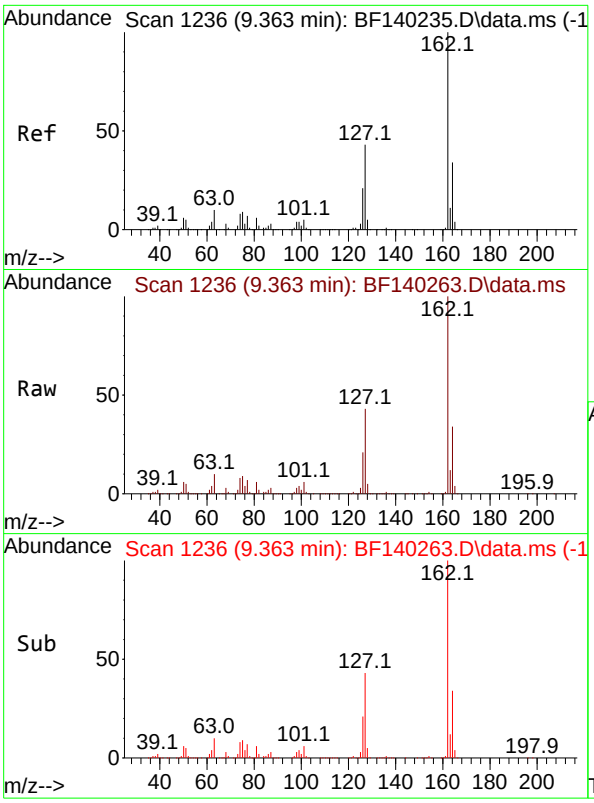


#46
1,1'-Biphenyl
Concen: 45.704 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:154 Resp: 1389319

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.8	60.8
76	12.5	0.0	32.6

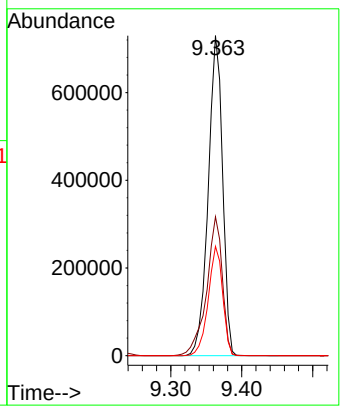




#47
2-Chloronaphthalene
Concen: 44.802 ng
RT: 9.363 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:162 Resp: 102502

Ion	Ratio	Lower	Upper
162	100		
127	43.4	34.8	52.2
164	34.1	27.3	40.9



Instrument :
BNA_F
ClientSampleId :
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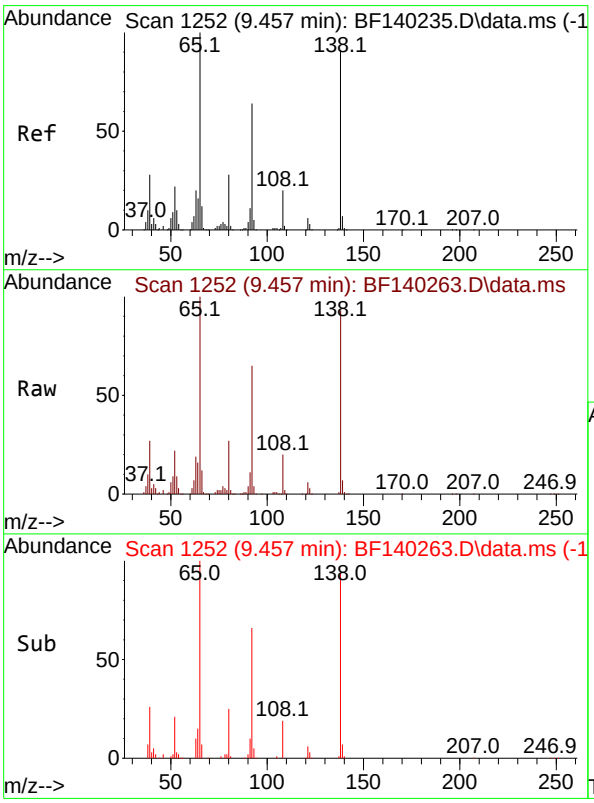
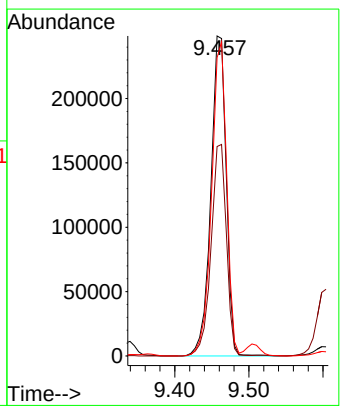
Supervised By :mohammad ahmed 11/11/2024

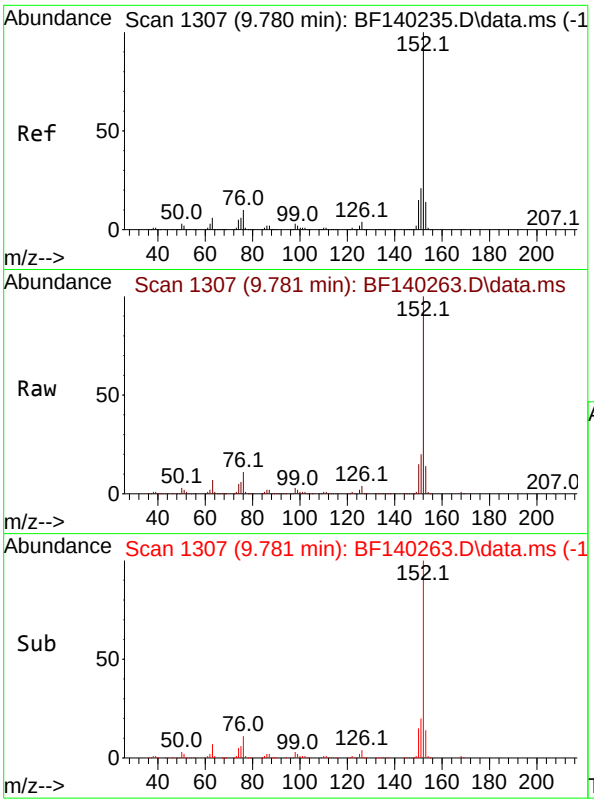


#48
2-Nitroaniline
Concen: 46.843 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 65 Resp: 358420

Ion	Ratio	Lower	Upper
65	100		
92	65.5	51.6	77.4
138	93.2	73.0	109.6

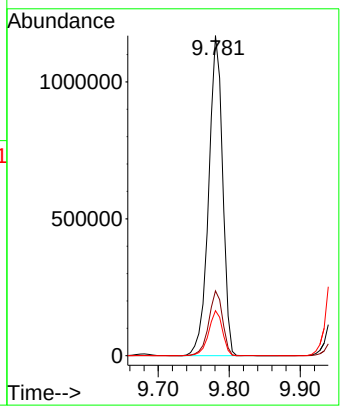




#49
Acenaphthylene
Concen: 49.250 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:152 Resp: 159528

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	14.1	11.1	16.7



Instrument :
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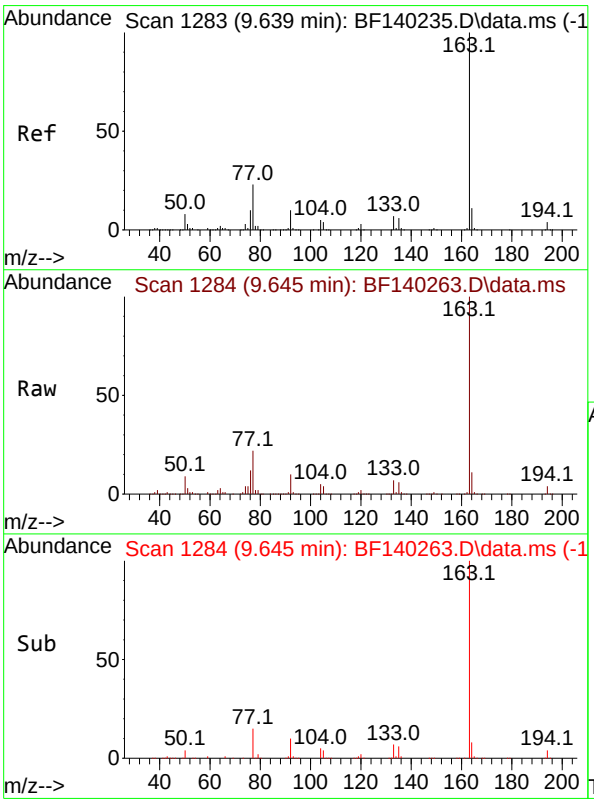
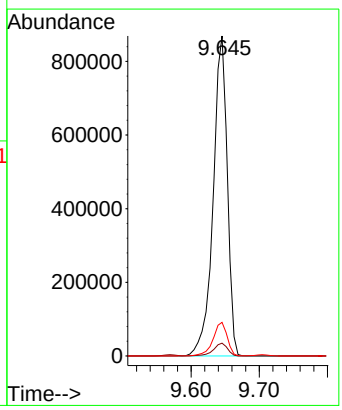
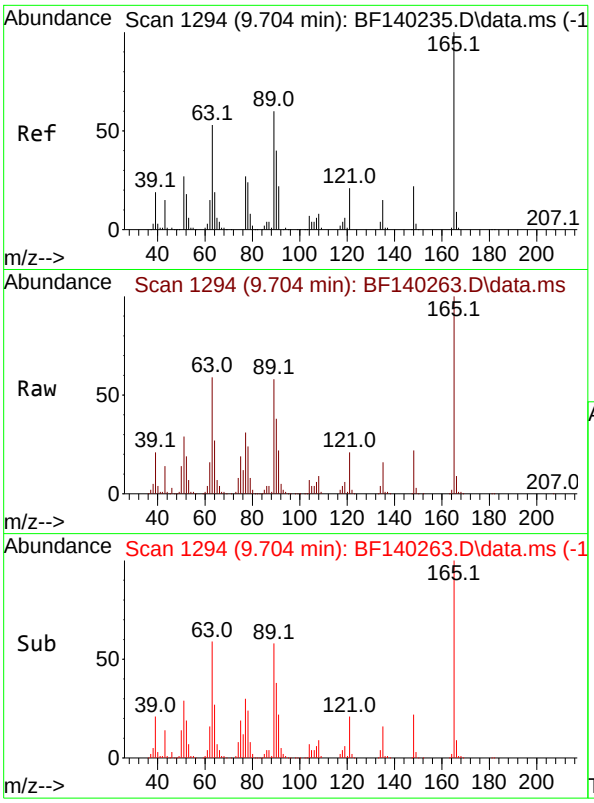


#50
Dimethylphthalate
Concen: 48.407 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:163 Resp: 1253758

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.5	8.6	13.0





#51
2,6-Dinitrotoluene
Concen: 46.711 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:165 Resp: 28438

Ion	Ratio	Lower	Upper
165	100		
63	59.3	48.8	73.2
89	58.3	48.1	72.1

Instrument :
BNA_F
ClientSampleId :
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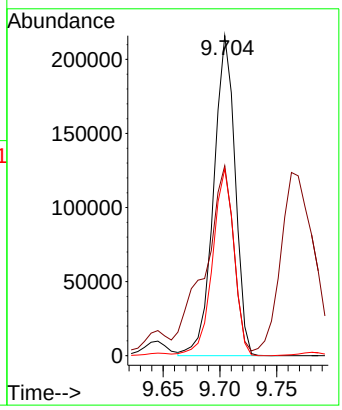
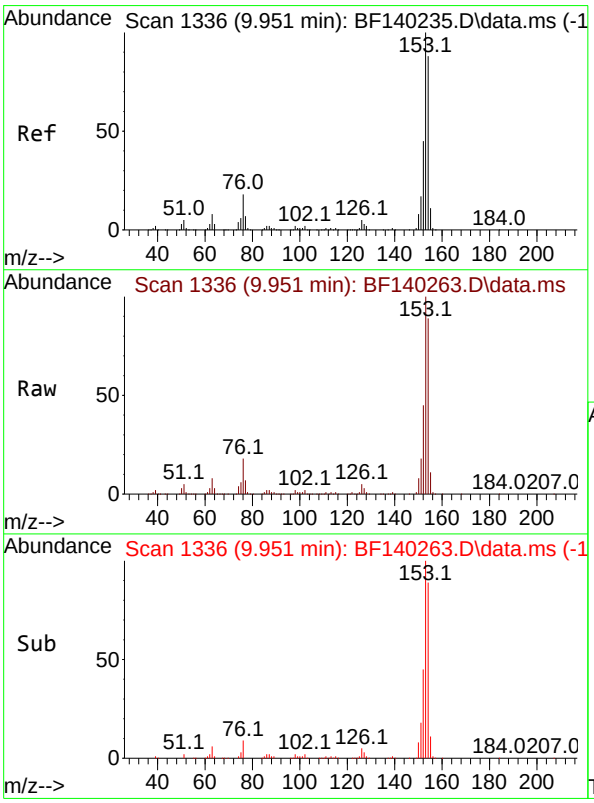
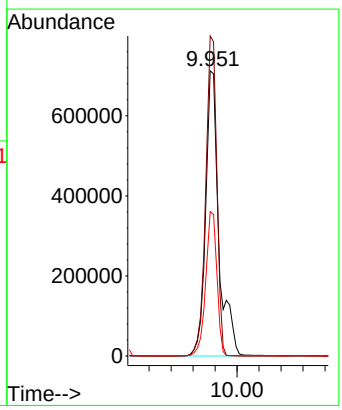


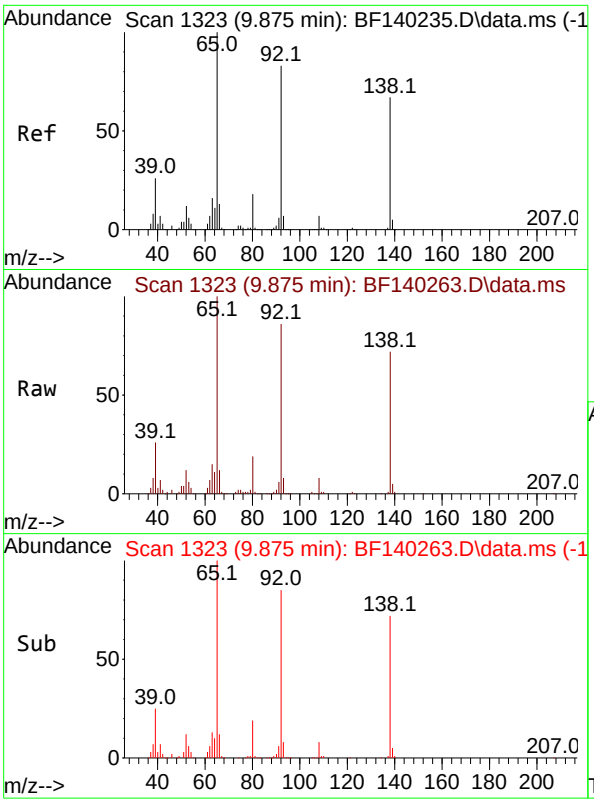


#52
Acenaphthene
Concen: 51.921 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:154 Resp: 1192905

Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.3	136.9
152	50.6	41.4	62.2





#53
3-Nitroaniline
Concen: 28.817 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:138 Resp: 16519

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.8	13.2
92	119.7	100.0	150.0

Instrument :
BNA_F
ClientSampleId :
PB164702BS

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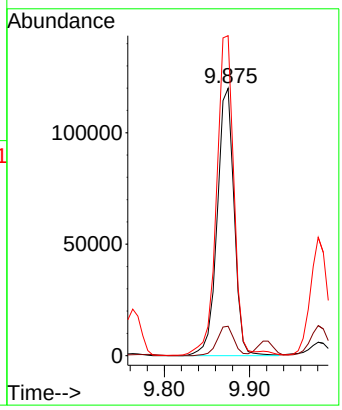
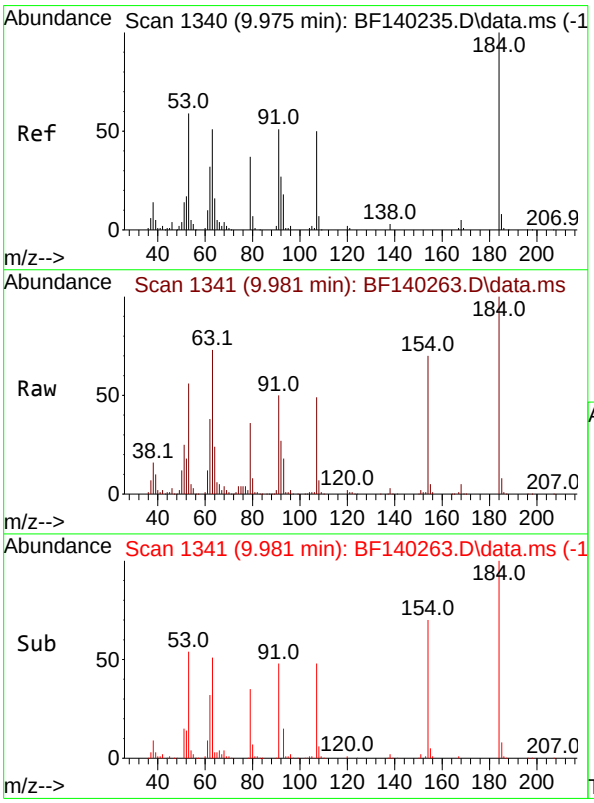
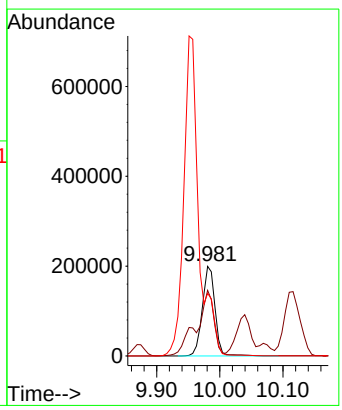


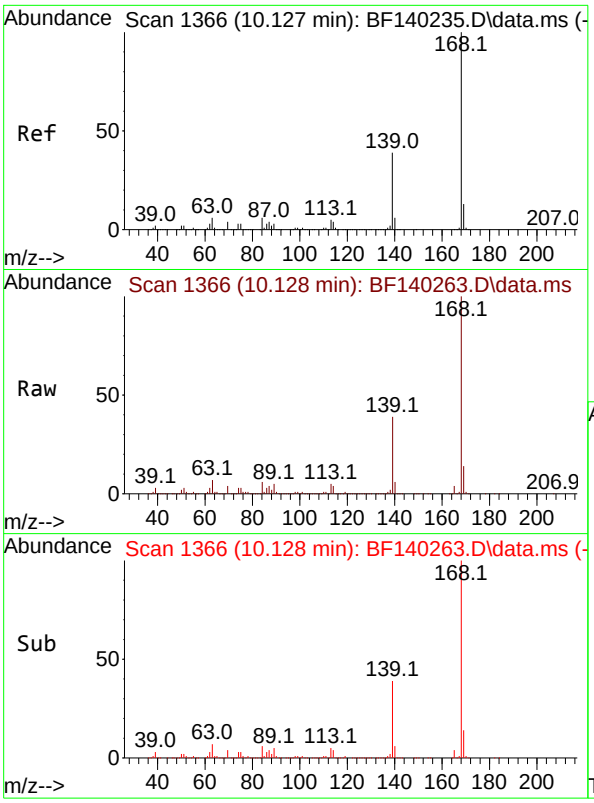


#54
2,4-Dinitrophenol
Concen: 92.468 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:184 Resp: 279366

Ion	Ratio	Lower	Upper
184	100		
63	73.3	60.1	90.1
154	69.7	66.3	99.5

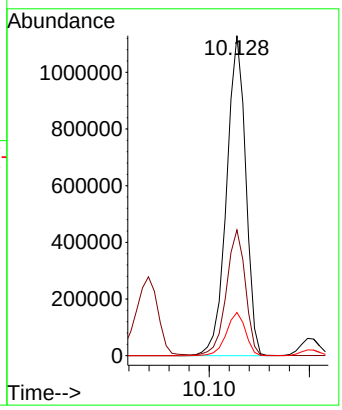




#55
Dibenzofuran
Concen: 46.590 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:168 Resp: 149681

Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.5	47.3
169	13.5	10.6	15.8



Instrument :
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ClientSampleId :
PB164702BS

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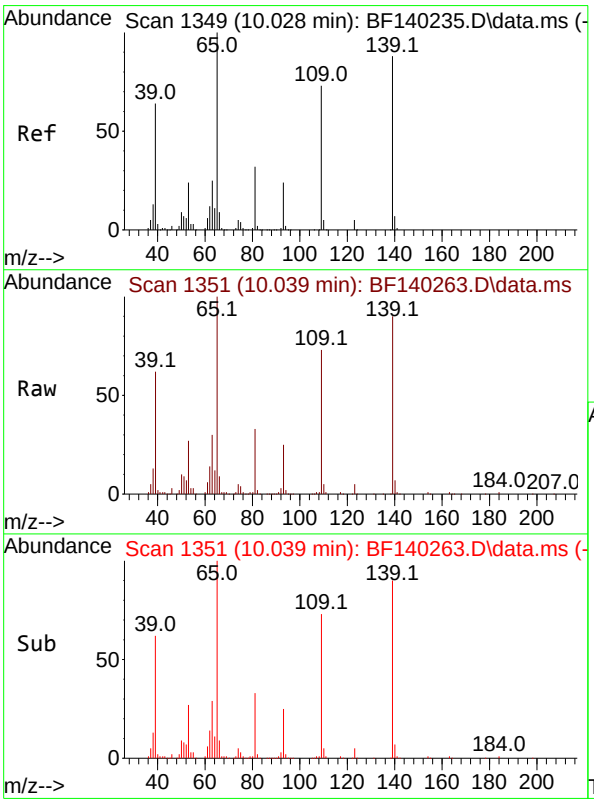
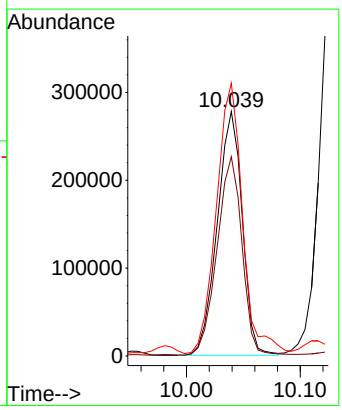
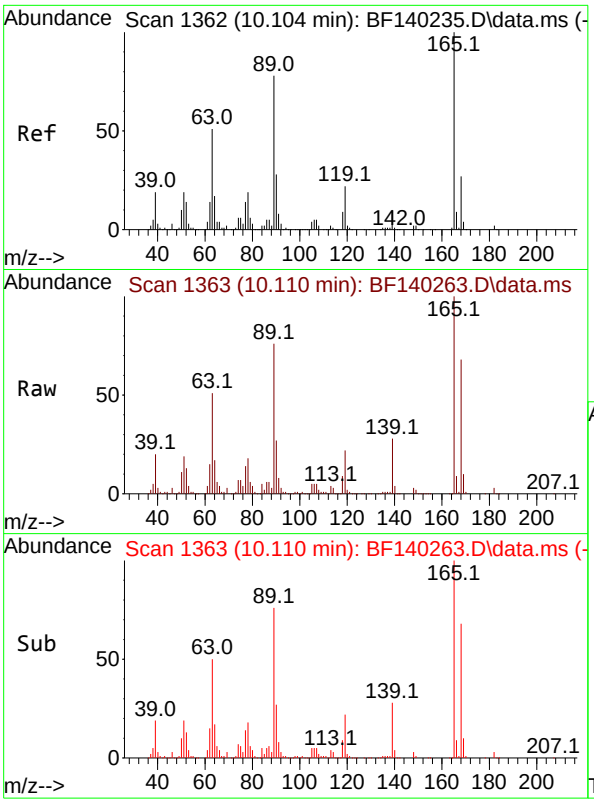


#56
4-Nitrophenol
Concen: 105.381 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:139 Resp: 424764

Ion	Ratio	Lower	Upper
139	100		
109	81.5	63.8	103.8
65	111.5	94.7	134.7

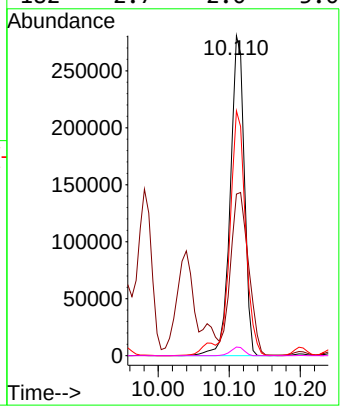




#57
2,4-Dinitrotoluene
Concen: 48.828 ng
RT: 10.110 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:165 Resp: 38575

Ion	Ratio	Lower	Upper
165	100		
63	50.5	41.3	61.9
89	76.5	62.6	94.0
182	2.7	2.0	3.0



Instrument :
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ClientSampleId :
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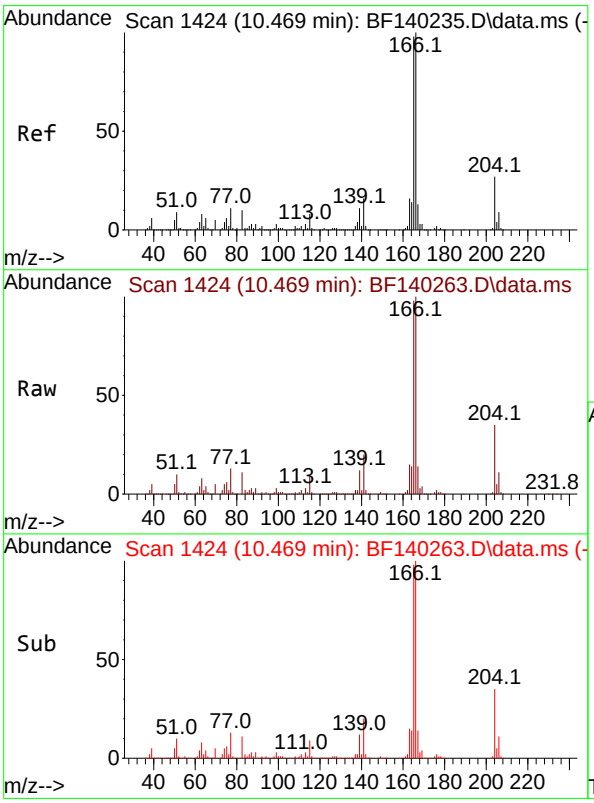
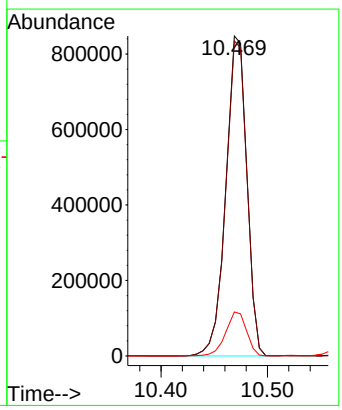
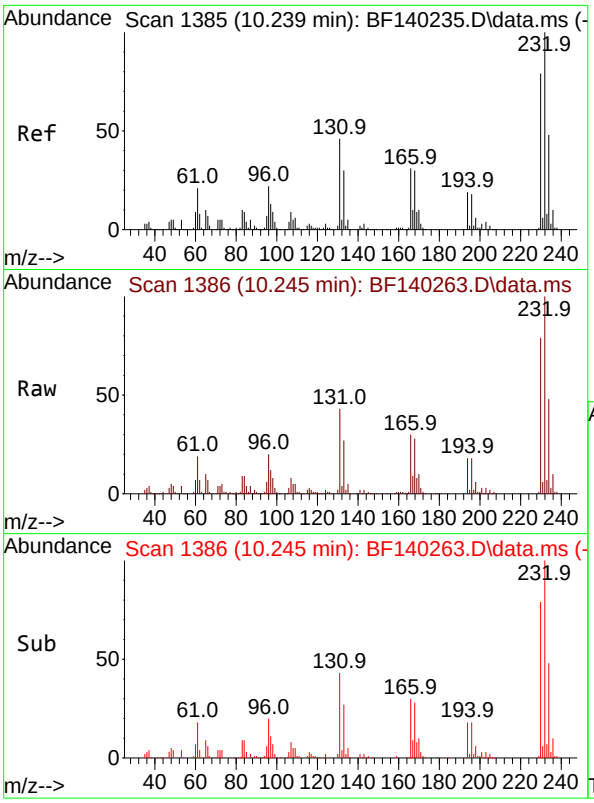


#58
Fluorene
Concen: 45.506 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:166 Resp: 1163758

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.7	118.1
167	13.7	10.8	16.2

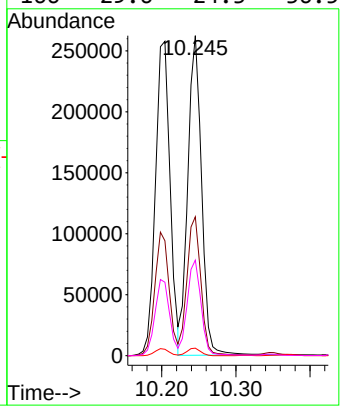




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.670 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:232 Resp: 33955

Ion	Ratio	Lower	Upper
232	100		
131	44.0	37.2	55.8
130	2.3	1.8	2.8
166	29.6	24.3	36.5



Instrument :
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ClientSampleId :
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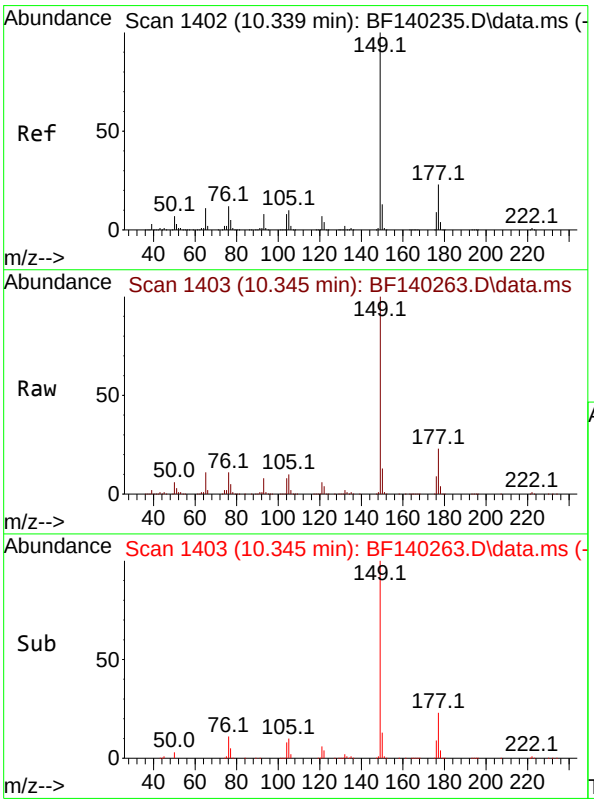
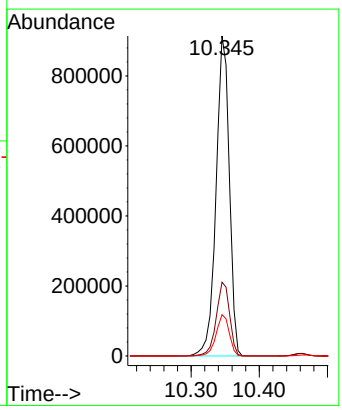
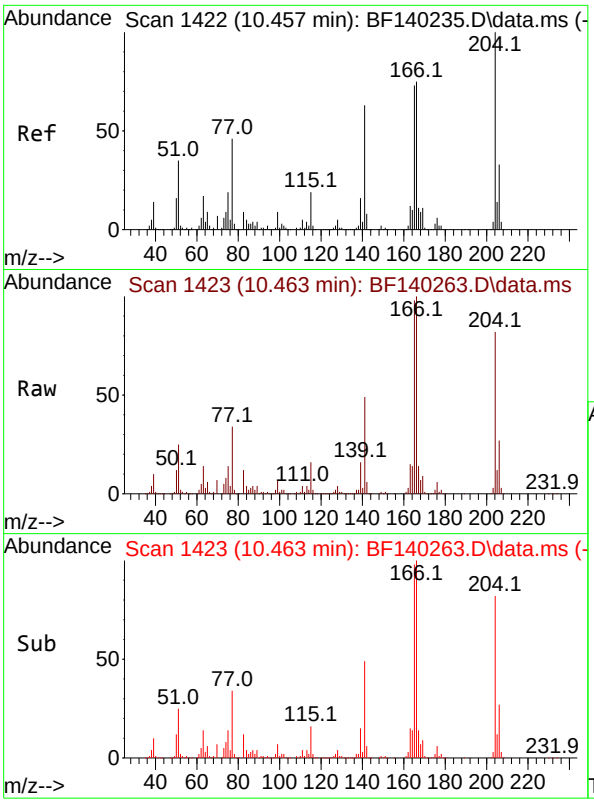


#60
Diethylphthalate
Concen: 47.997 ng
RT: 10.345 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:149 Resp: 1235348

Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.1	27.1
150	12.9	10.2	15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.711 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Instrument :
BNA_F
ClientSampleId :
PB164702BS

Tgt Ion:204 Resp: 58915

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.4
141	59.9	50.3	75.5

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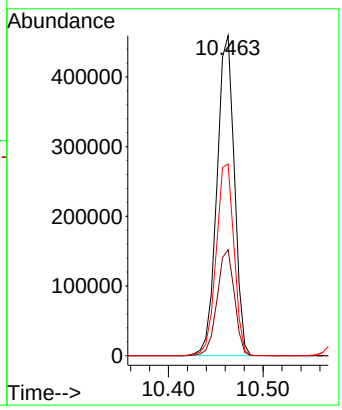
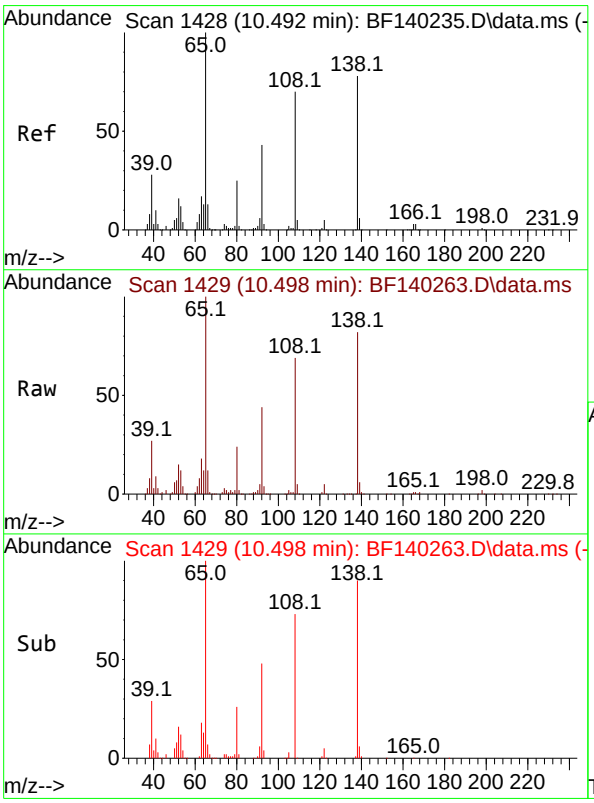
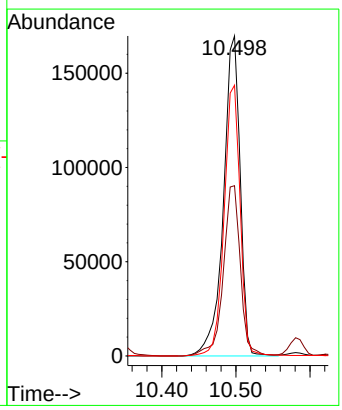


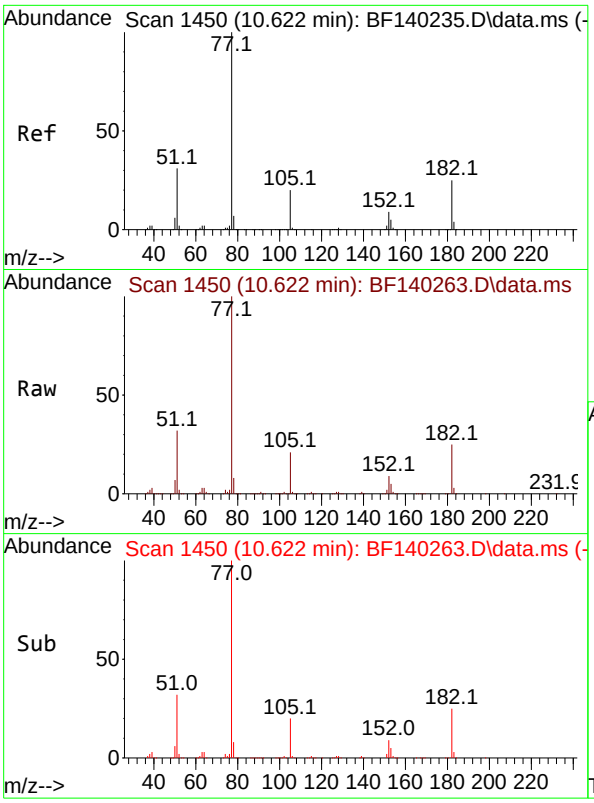


#62
4-Nitroaniline
Concen: 46.745 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:138 Resp: 266296

Ion	Ratio	Lower	Upper
138	100		
92	53.2	35.3	75.3
108	84.6	70.1	110.1

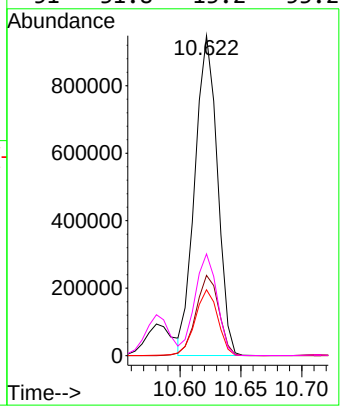




#63
Azobenzene
Concen: 45.651 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 77 Resp: 121800

Ion	Ratio	Lower	Upper
77	100		
182	25.1	4.7	44.7
105	20.6	0.0	40.0
51	31.8	13.2	53.2



Instrument :
BNA_F
ClientSampleId :
PB164702BS

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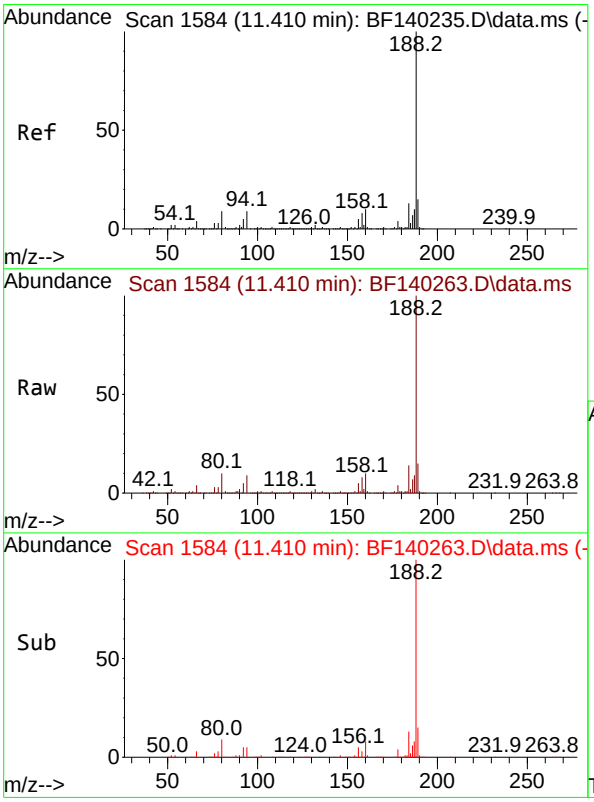
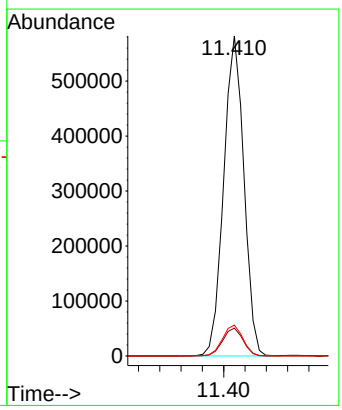
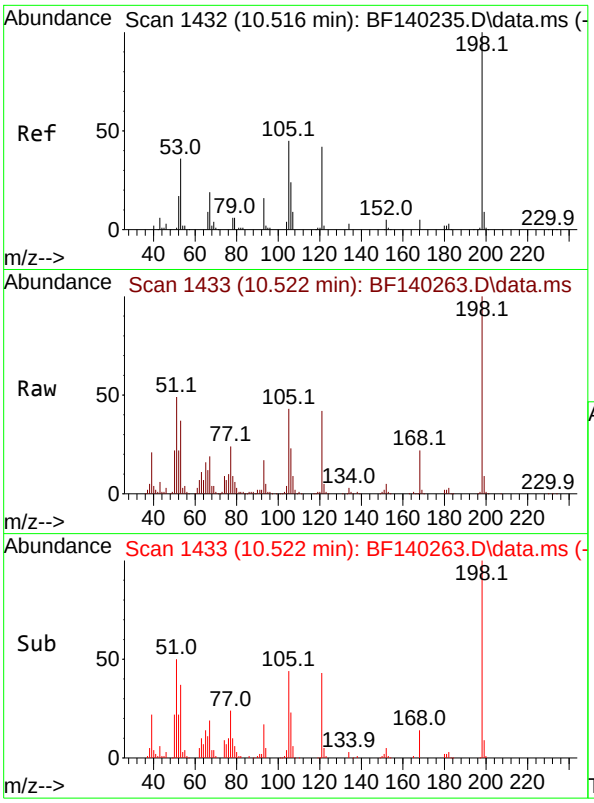


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:188 Resp: 766202

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.9	10.3
80	9.6	7.5	11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 50.754 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:198 Resp: 20424

Ion	Ratio	Lower	Upper
198	100		
51	49.0	34.0	74.0
105	43.0	25.1	65.1

Instrument :
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ClientSampleId :
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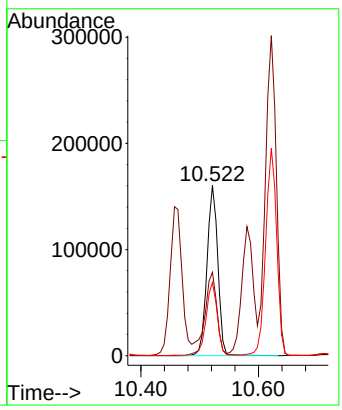
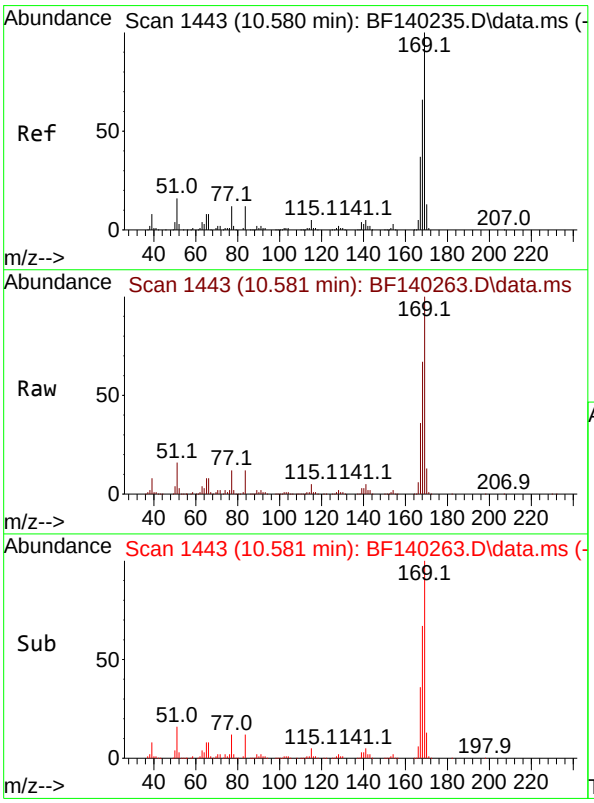
Supervised By :mohammad ahmed 11/11/2024

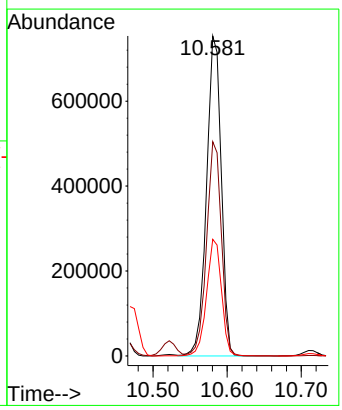


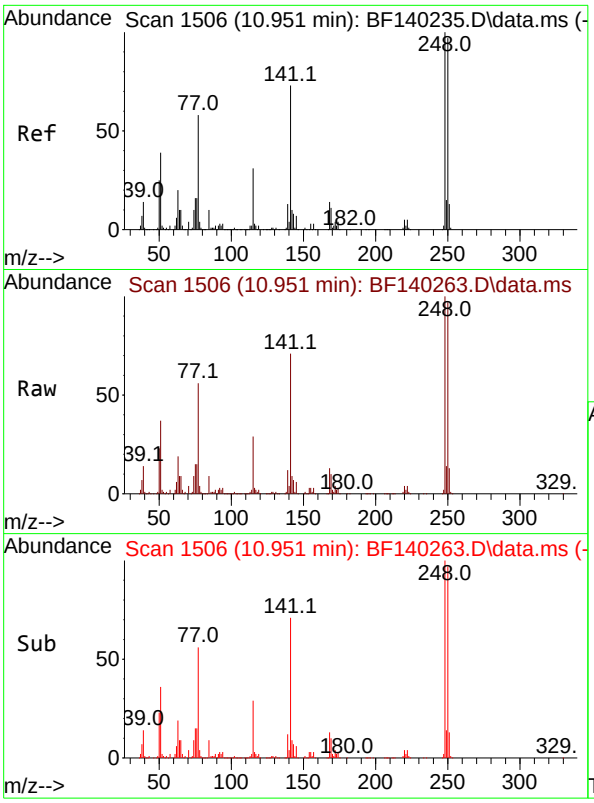


#66
n-Nitrosodiphenylamine
Concen: 47.101 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:169 Resp: 1037989

Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.0	79.6
167	36.5	29.4	44.2

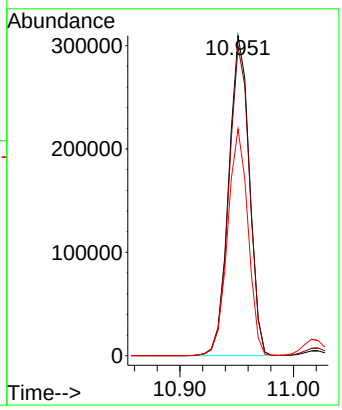




#67
4-Bromophenyl-phenylether
Concen: 47.266 ng
RT: 10.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:248 Resp: 38997

Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.9	116.9
141	70.9	58.6	88.0



Instrument :
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ClientSampleId :
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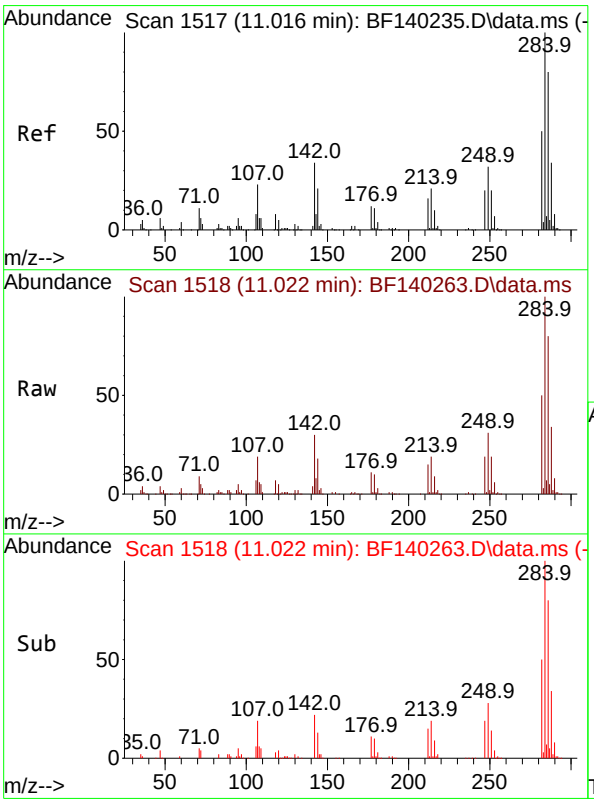
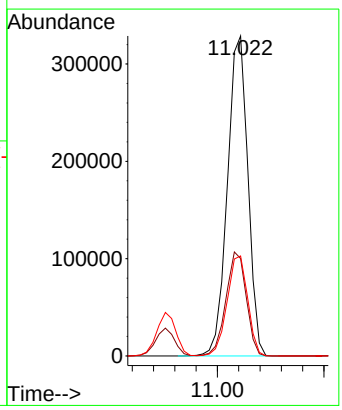
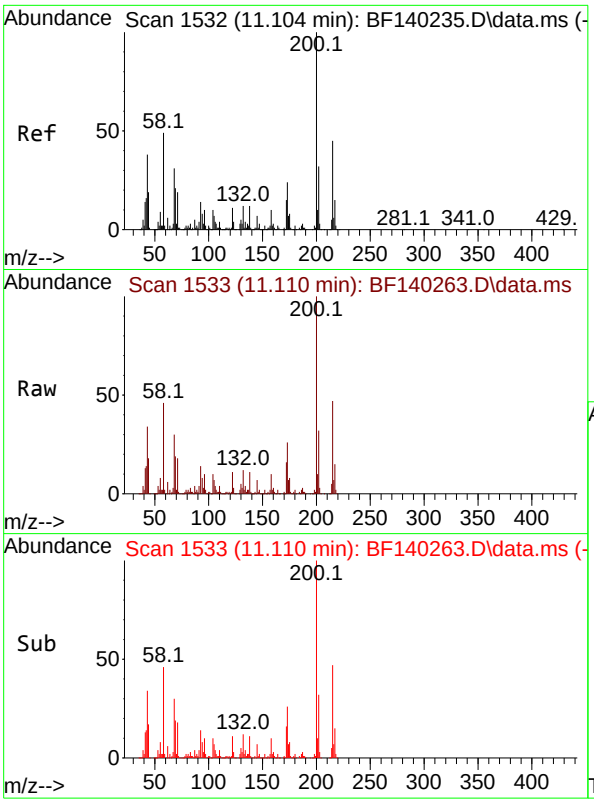


#68
Hexachlorobenzene
Concen: 46.670 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:284 Resp: 438918

Ion	Ratio	Lower	Upper
284	100		
142	30.4	27.5	41.3
249	31.2	26.2	39.2

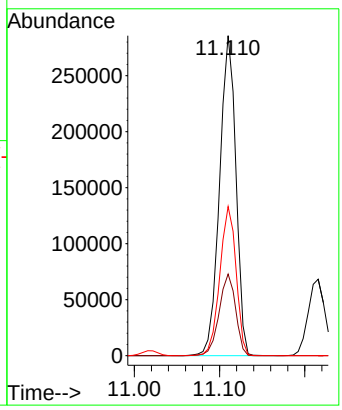




#69
Atrazine
Concen: 63.311 ng
RT: 11.110 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:200 Resp: 38171

Ion	Ratio	Lower	Upper
200	100		
173	25.5	4.4	44.4
215	46.6	25.2	65.2



Instrument :
BNA_F
ClientSampleId :
PB164702BS

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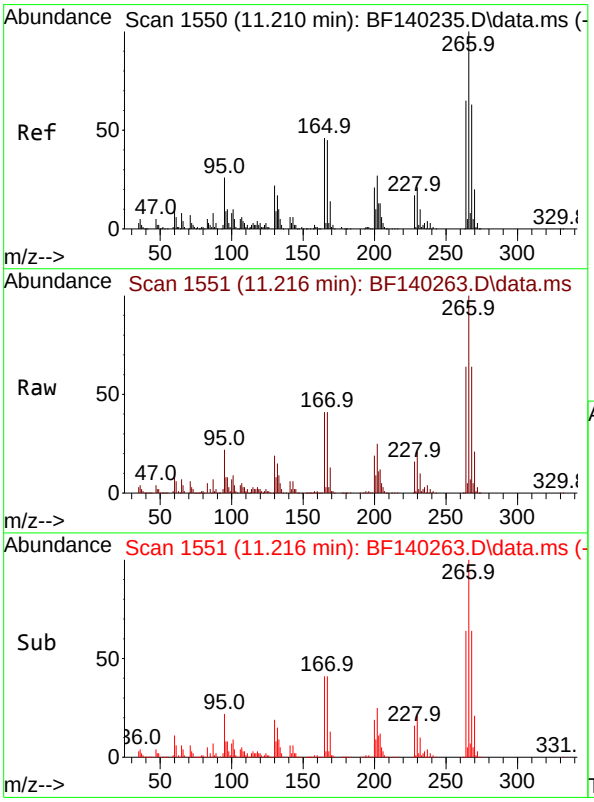
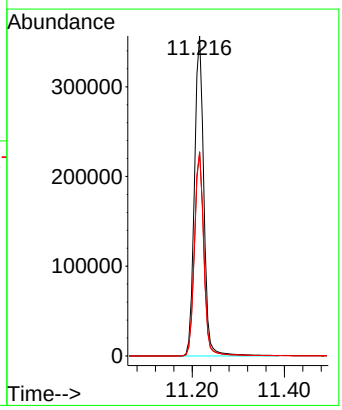
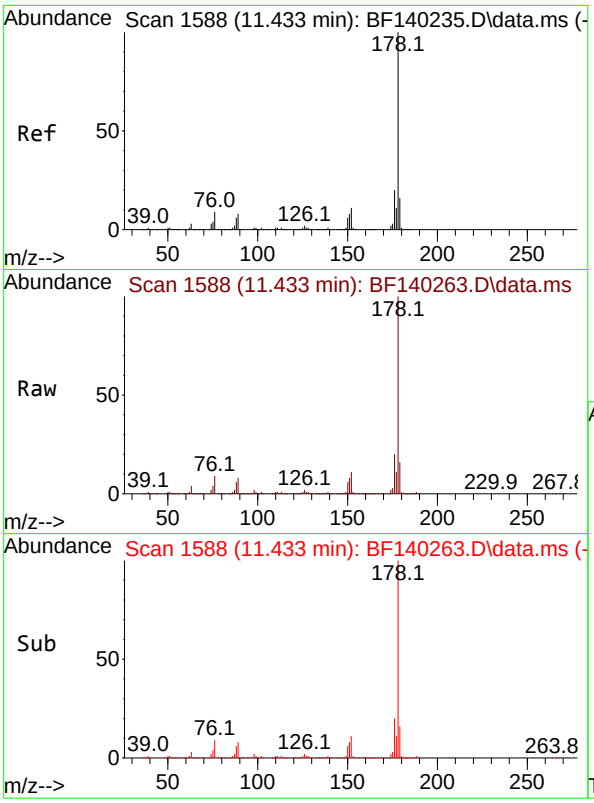


#70
Pentachlorophenol
Concen: 99.717 ng
RT: 11.216 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:266 Resp: 503578

Ion	Ratio	Lower	Upper
266	100		
268	63.7	50.2	75.4
264	63.9	52.2	78.4

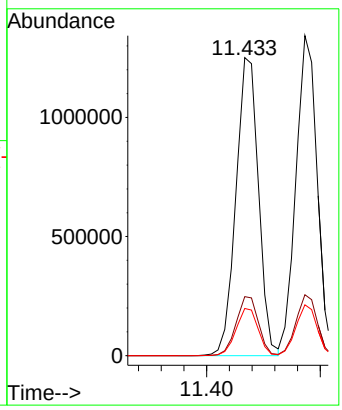




#71
Phenanthrene
Concen: 47.221 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:178 Resp: 172667

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.8	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
PB164702BS

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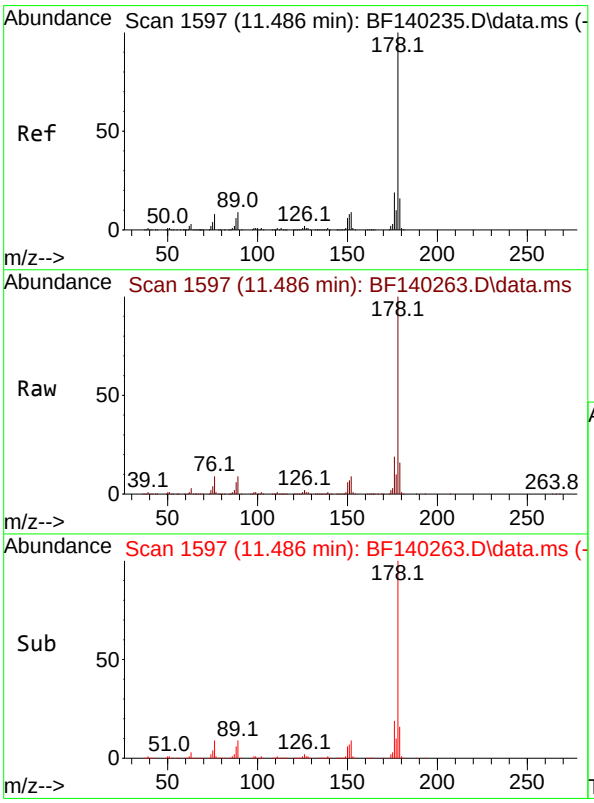
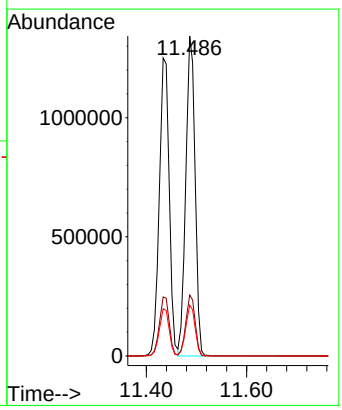
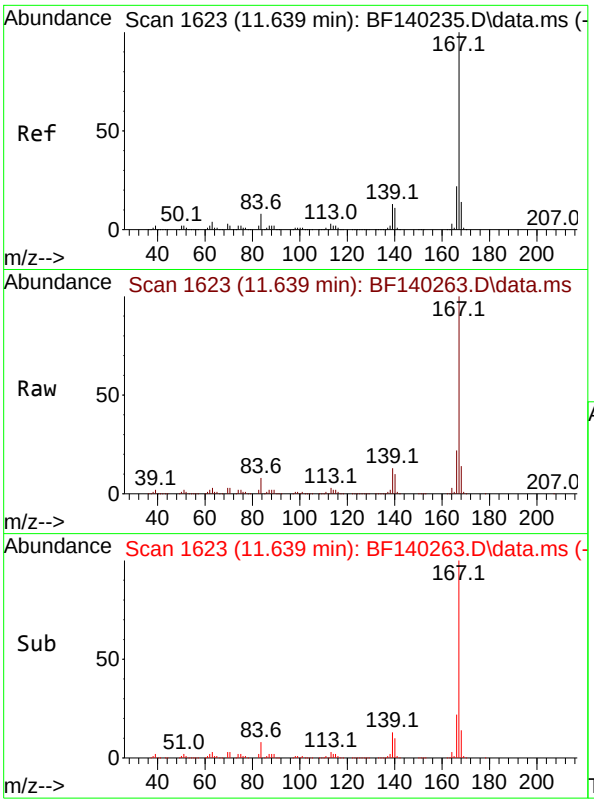


#72
Anthracene
Concen: 48.472 ng
RT: 11.486 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:178 Resp: 1737994

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.9	12.7	19.1

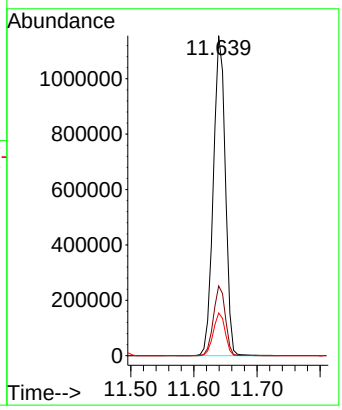




#73
Carbazole
Concen: 46.440 ng
RT: 11.639 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:167 Resp: 152146

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	13.4	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
PB164702BS

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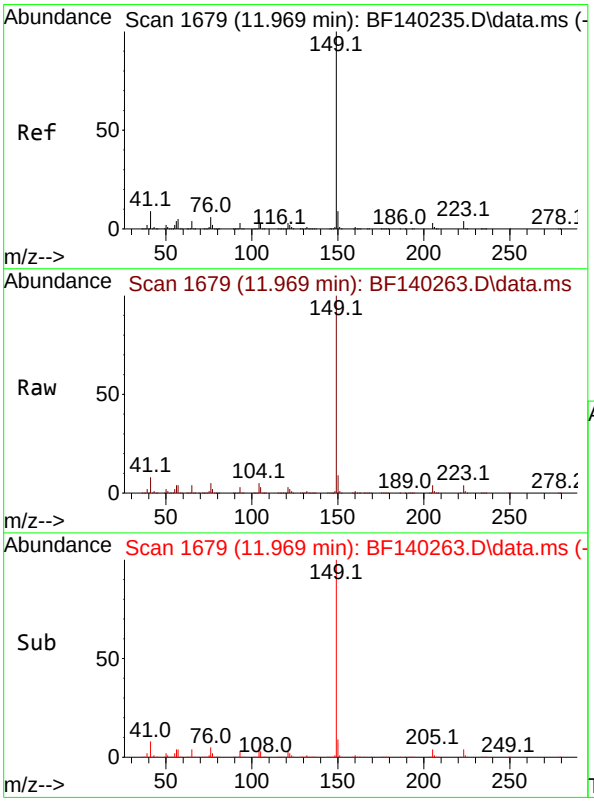
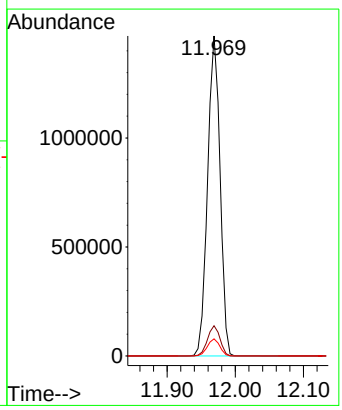
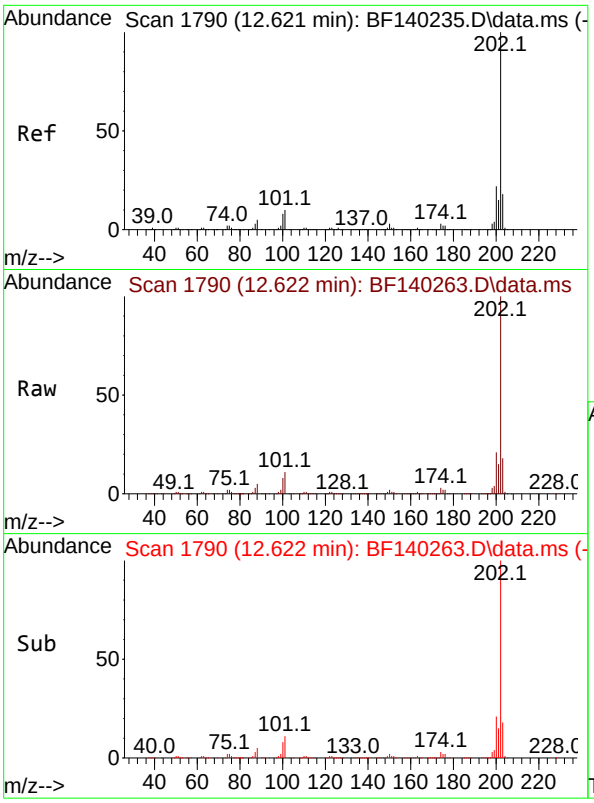


#74
Di-n-butylphthalate
Concen: 48.145 ng
RT: 11.969 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:149 Resp: 1867096

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	5.3	4.5	6.7

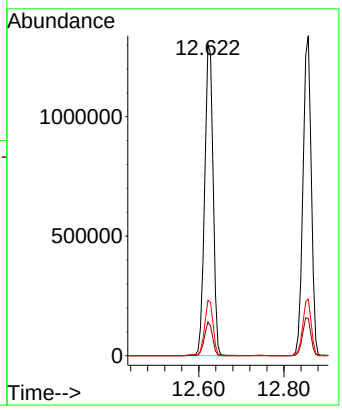




#75
Fluoranthene
Concen: 46.787 ng
RT: 12.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:202 Resp: 178887

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.4
203	17.8	0.0	38.0



Instrument :
BNA_F
ClientSampleId :
PB164702BS

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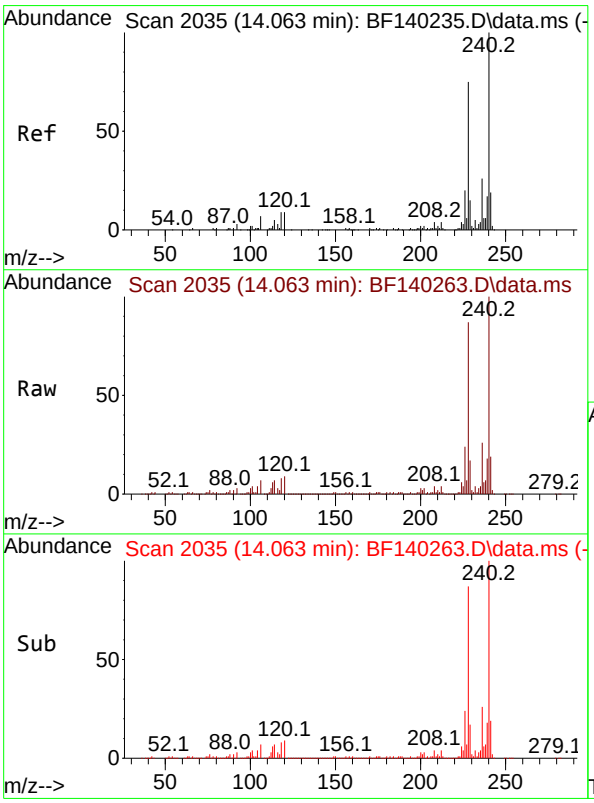
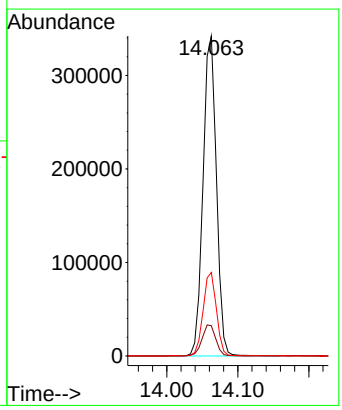
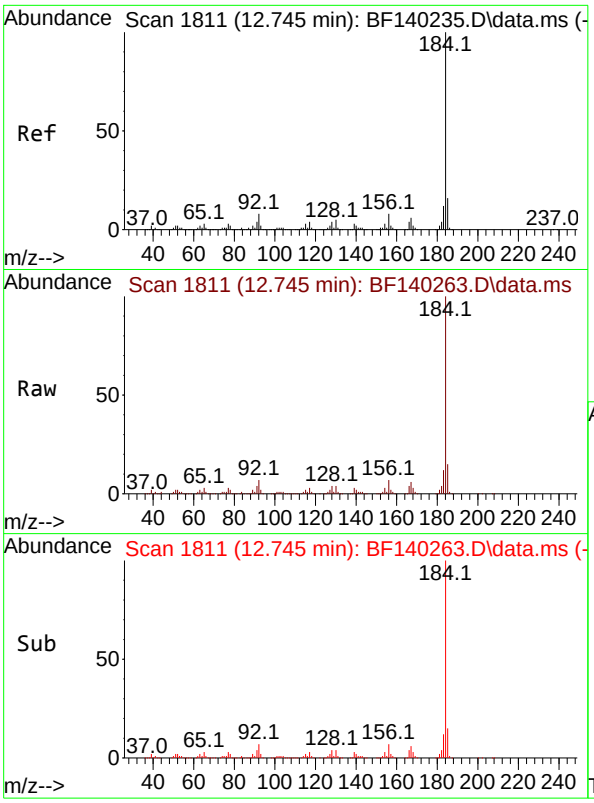


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:240 Resp: 449132

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.5	11.3
236	26.1	20.9	31.3

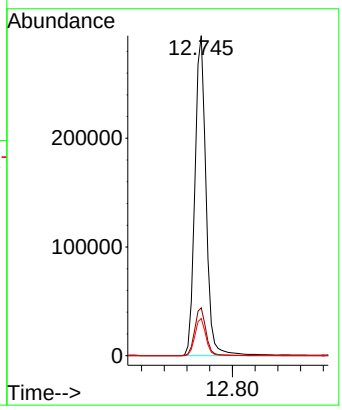




#77
Benzidine
Concen: 45.968 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:184 Resp: 40365

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.5	18.7
183	11.6	9.3	13.9



Instrument :
BNA_F
ClientSampleId :
PB164702BS

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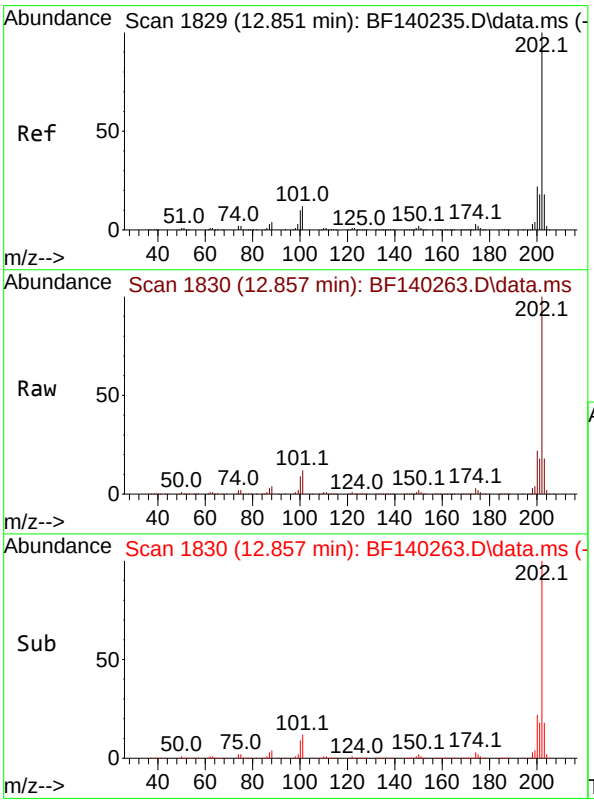
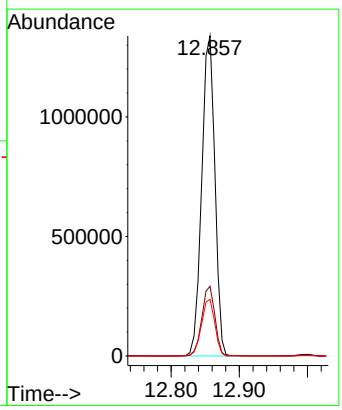
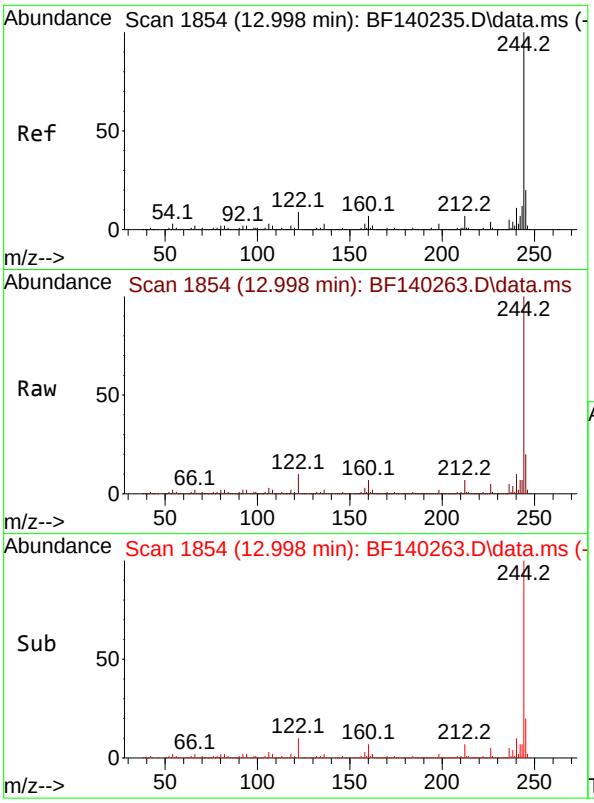


#78
Pyrene
Concen: 48.539 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:202 Resp: 1800007

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.5	26.3
203	17.7	14.4	21.6

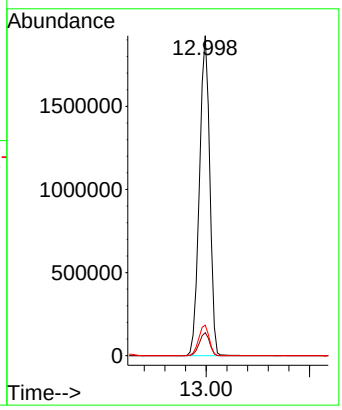




#79
Terphenyl-d14
Concen: 97.268 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:244 Resp: 266683

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	9.5	7.6	11.4



Instrument :
BNA_F
ClientSampleId :
PB164702BS

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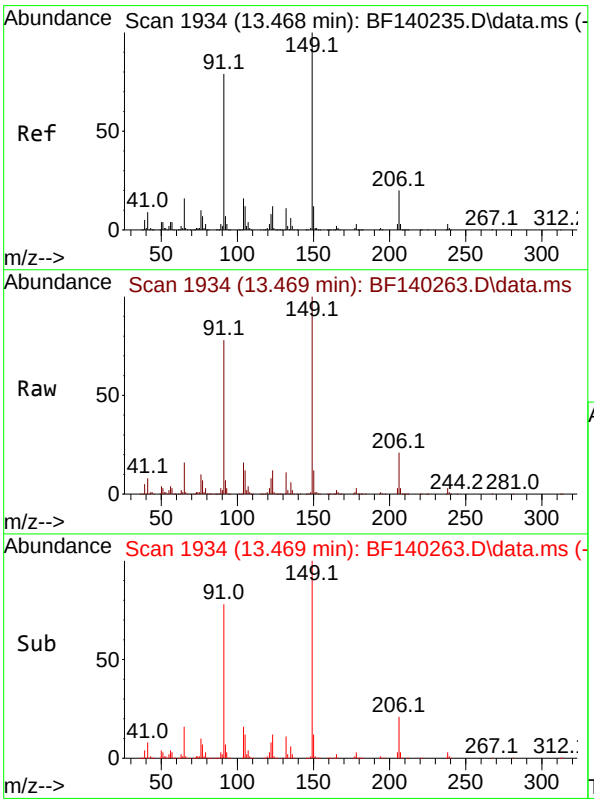
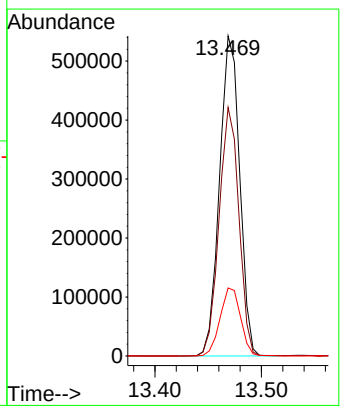
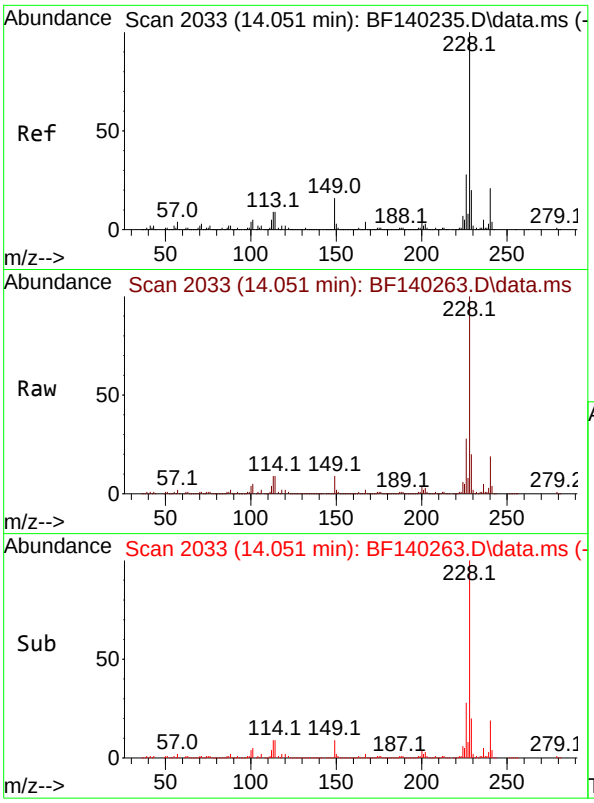


#80
Butylbenzylphthalate
Concen: 53.286 ng
RT: 13.469 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:149 Resp: 711541

Ion	Ratio	Lower	Upper
149	100		
91	77.7	63.0	94.4
206	21.3	16.4	24.6





#81
Benzo(a)anthracene
Concen: 49.239 ng
RT: 14.051 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:228 Resp: 141922

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	20.2	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
PB164702BS

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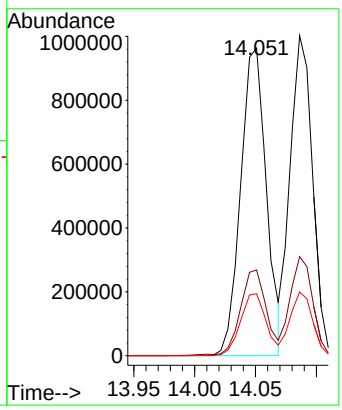
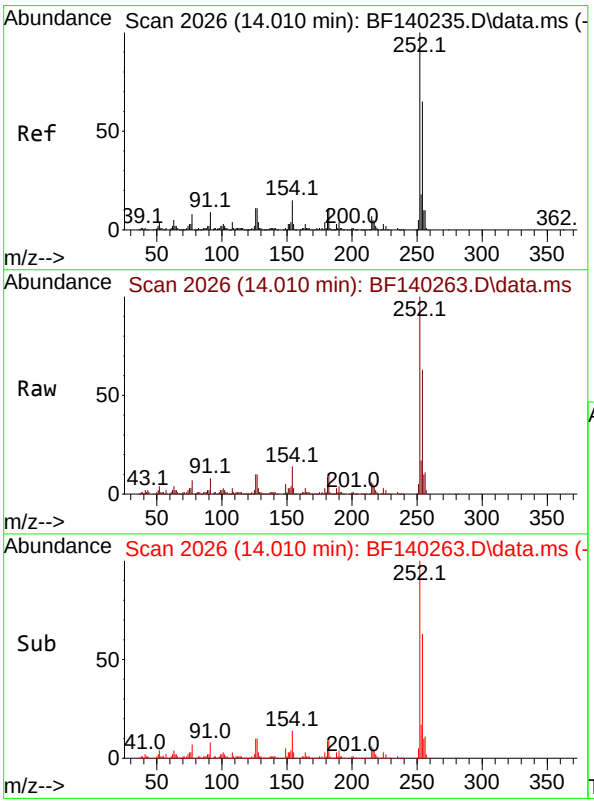
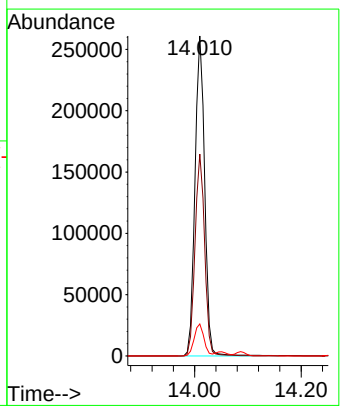


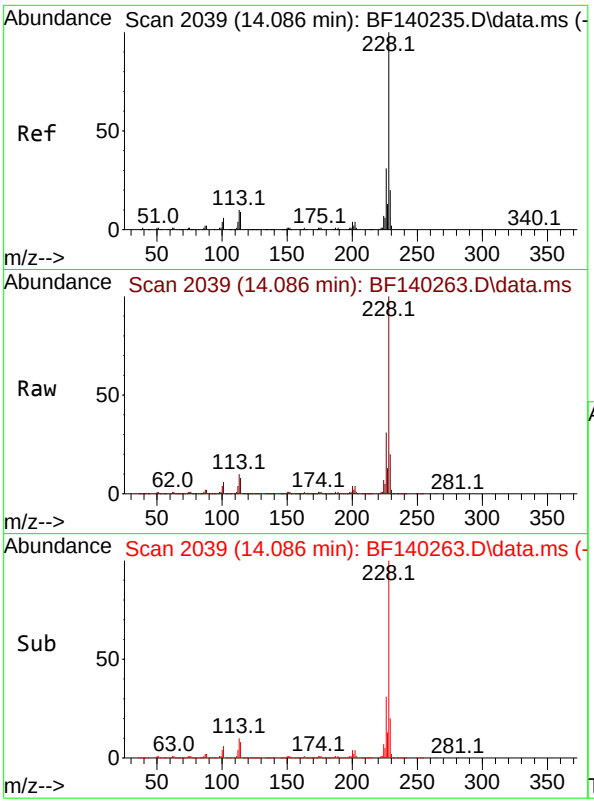


#82
3,3'-Dichlorobenzidine
Concen: 36.451 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:252 Resp: 329931

Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.8	77.8
126	10.0	8.6	12.8





#83
Chrysene
Concen: 47.893 ng
RT: 14.086 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:228 Resp: 129270(

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	36.8
229	19.9	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
PB164702BS

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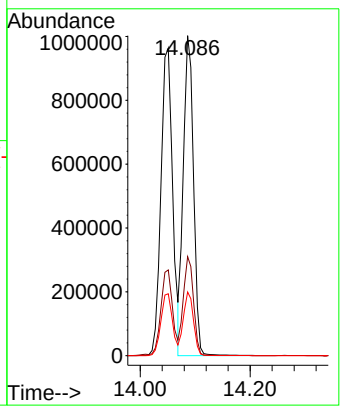
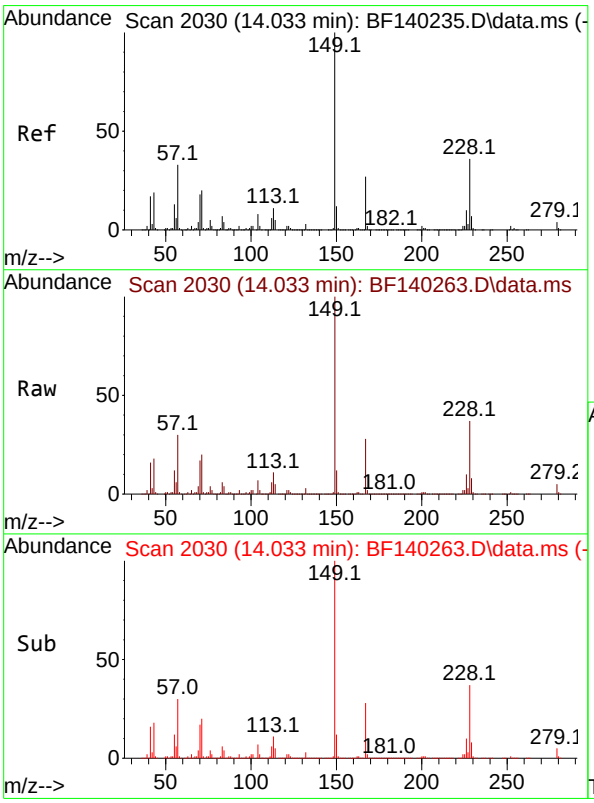
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

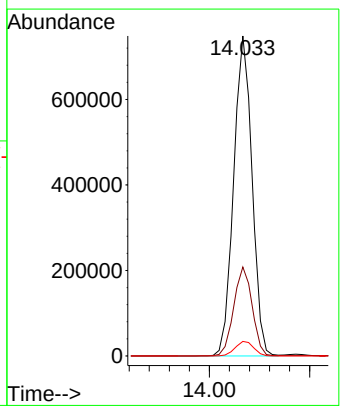


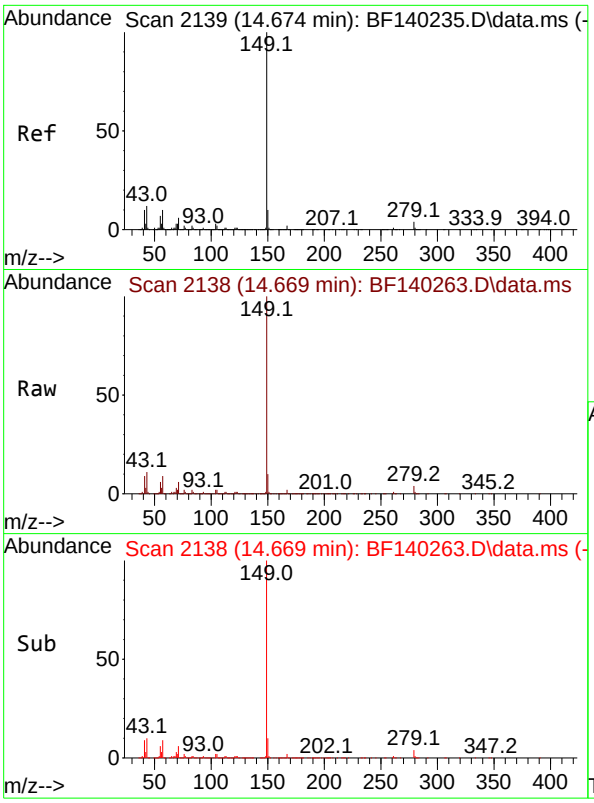


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.041 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:149 Resp: 955248

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.8	32.8
279	4.5	3.2	4.8

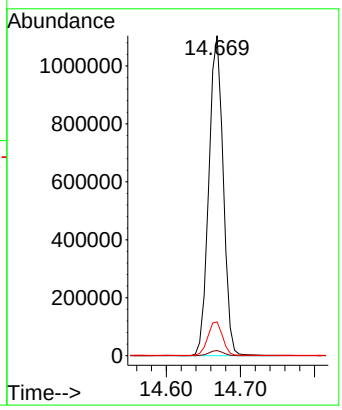




#85
Di-n-octyl phthalate
Concen: 52.726 ng
RT: 14.669 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:149 Resp: 148525

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.7	9.7	14.5



Instrument :
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ClientSampleId :
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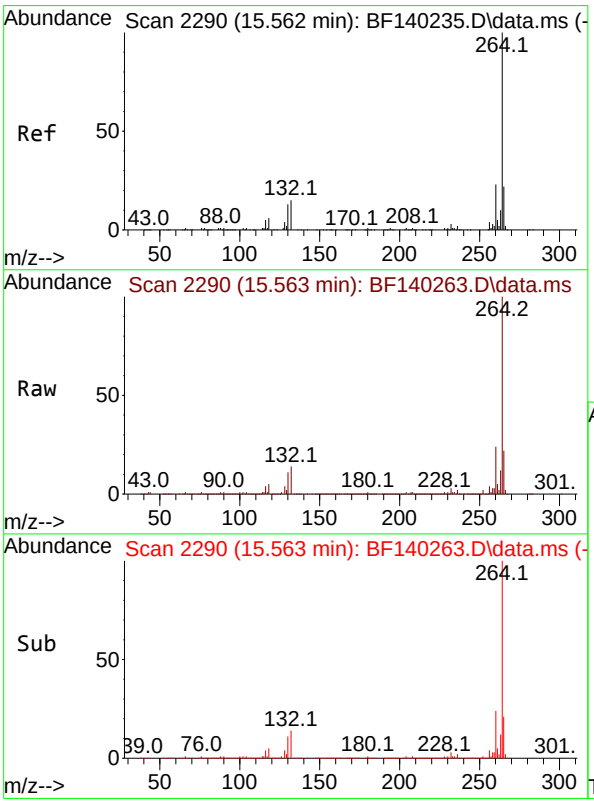
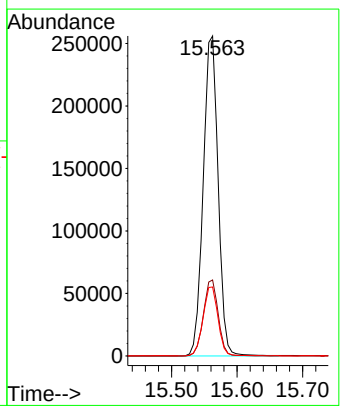
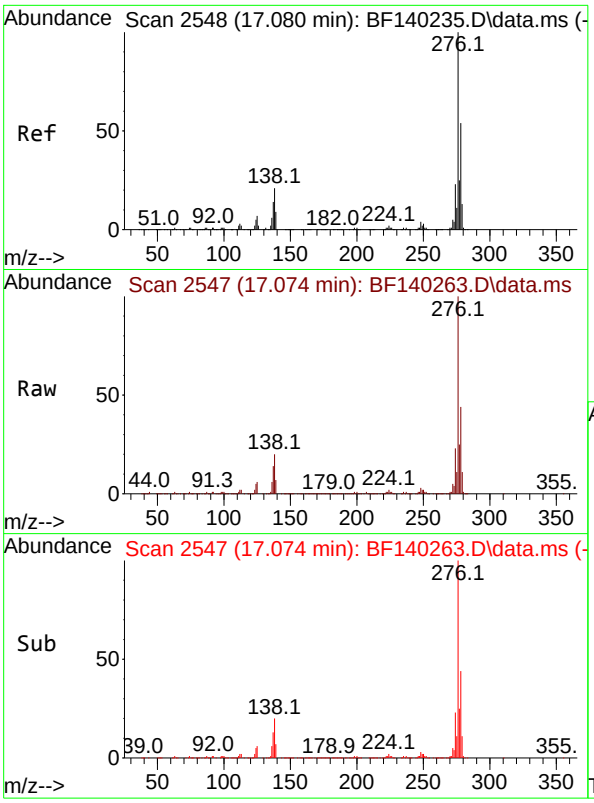


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:264 Resp: 405153

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.6	17.3	25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.462 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:276 Resp: 120009

Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.6	26.4
277	25.3	20.2	30.2

Instrument :
BNA_F
ClientSampleId :
PB164702BS

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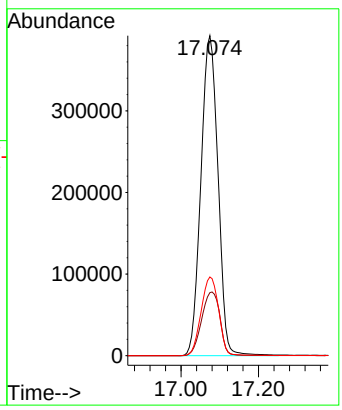
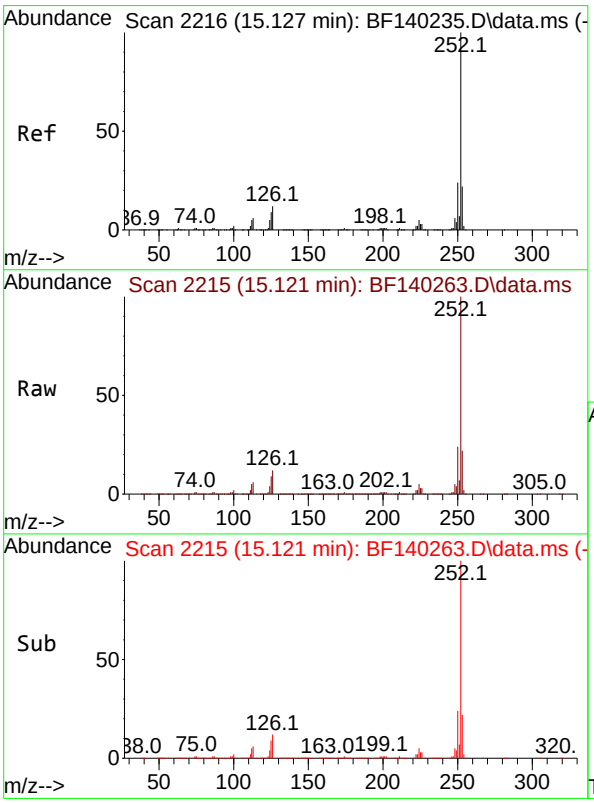
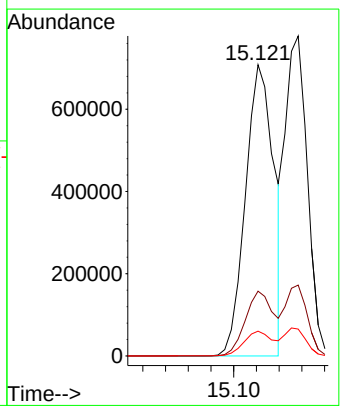


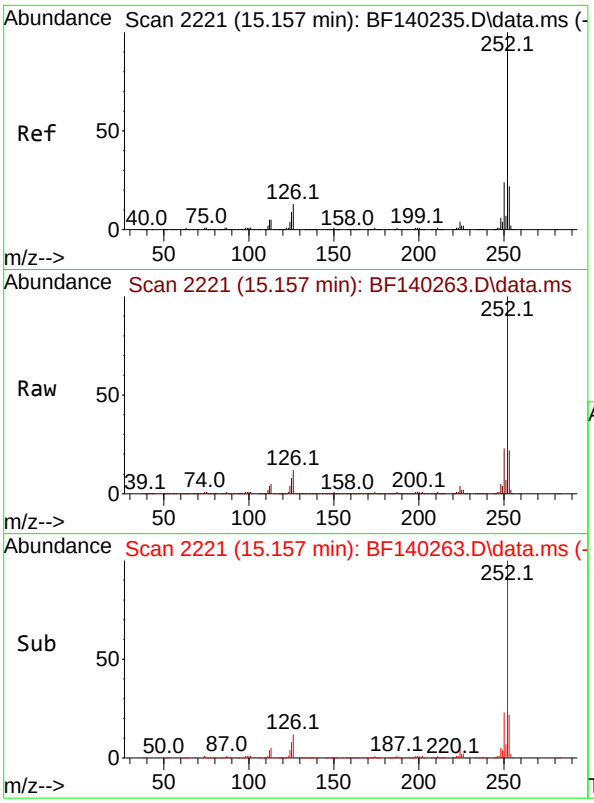


#88
Benzo(b)fluoranthene
Concen: 50.267 ng
RT: 15.121 min Scan# 2215
Delta R.T. -0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:252 Resp: 1231890

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	8.5	7.0	10.6

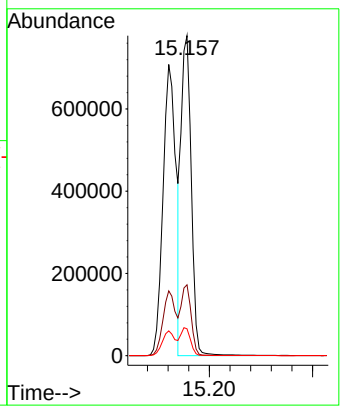




#89
Benzo(k)fluoranthene
Concen: 47.328 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:252 Resp: 106430

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	8.4	7.2	10.8



Instrument :
BNA_F
ClientSampleId :
PB164702BS

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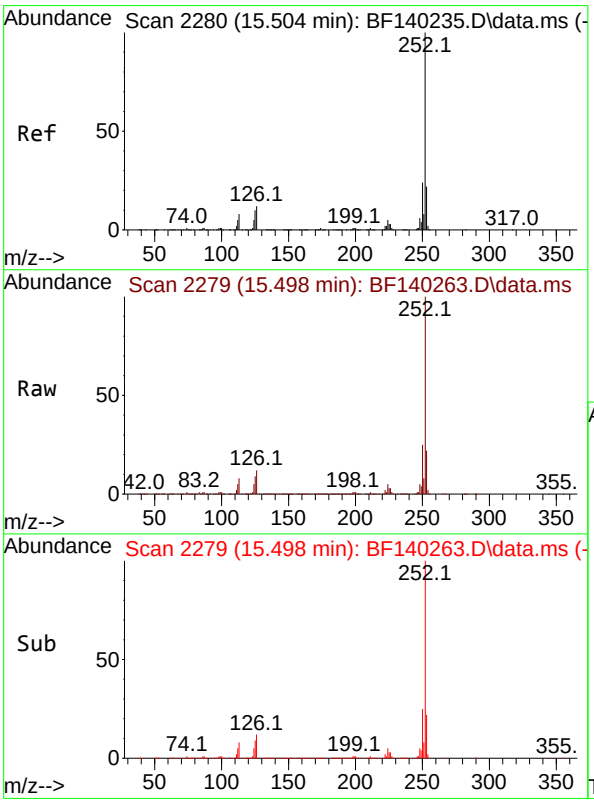
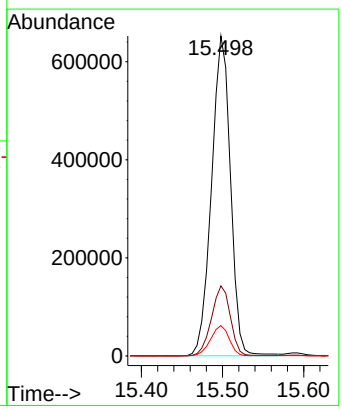
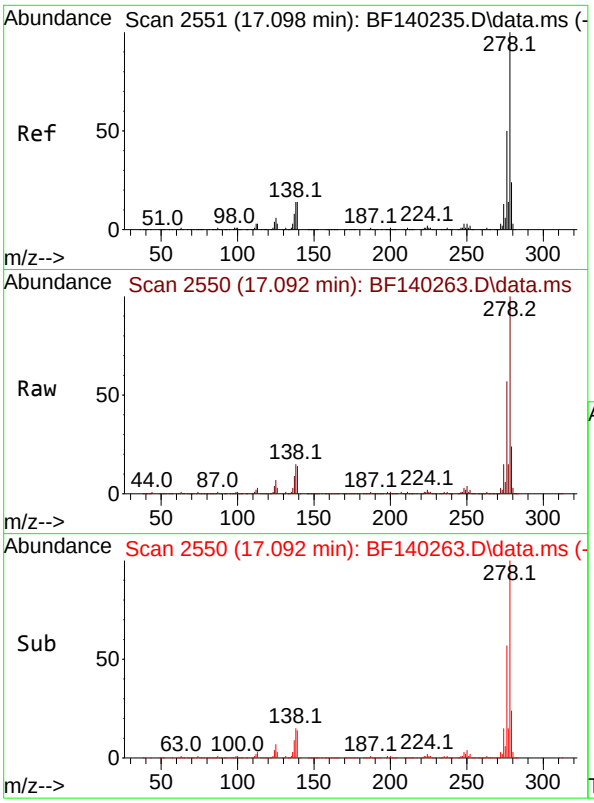


#90
Benzo(a)pyrene
Concen: 52.355 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:252 Resp: 1057870

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.5	7.6	11.4

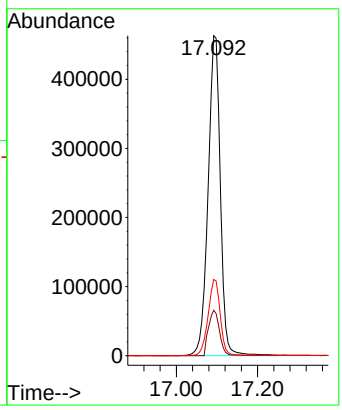




#91
Dibenzo(a,h)anthracene
Concen: 49.465 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:278 Resp: 96785

Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.1	16.7
279	23.8	19.1	28.7



Instrument :
BNA_F
ClientSampleId :
PB164702BS

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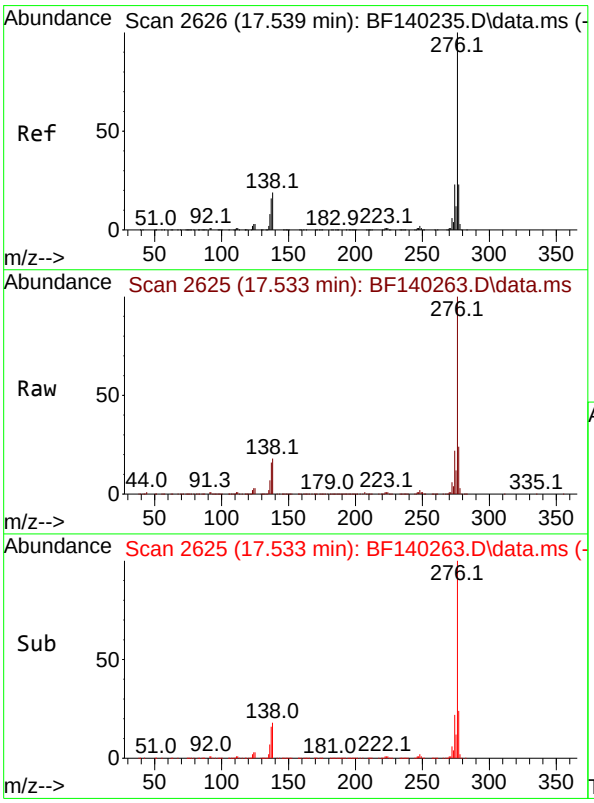
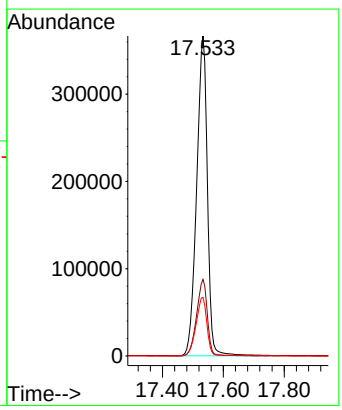
Supervised By :mohammad ahmed 11/11/2024



#92
Benzo(g,h,i)perylene
Concen: 45.049 ng
RT: 17.533 min Scan# 2625
Delta R.T. -0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:276 Resp: 899180

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	18.3	15.3	22.9