

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140117.D
 Acq On : 29 Oct 2024 17:45
 Operator : RC/JU
 Sample : P4594-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F17MS

Quant Time: Oct 30 01:02:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	132457	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	527177	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	297266	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	510240	20.000	ng	0.00
76) Chrysene-d12	14.063	240	257285	20.000	ng	0.01
86) Perylene-d12	15.568	264	279776	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	763838	90.277	ng	0.02
7) Phenol-d6	6.516	99	1011079	92.265	ng	0.00
23) Nitrobenzene-d5	7.451	82	650115	68.348	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	294528	105.925	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1181553	65.690	ng	0.00
79) Terphenyl-d14	12.998	244	1082872	68.582	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	149733	37.956	ng	98
3) Pyridine	3.522	79	391488	40.036	ng	99
4) n-Nitrosodimethylamine	3.481	42	221895	42.236	ng	100
6) Aniline	6.551	93	383280	37.528	ng	100
8) 2-Chlorophenol	6.675	128	408640	47.243	ng	99
9) Benzaldehyde	6.439	77	75337	12.221	ng	98
10) Phenol	6.528	94	540224	47.817	ng	98
11) bis(2-Chloroethyl)ether	6.622	93	396755	45.436	ng	99
12) 1,3-Dichlorobenzene	6.834	146	435490	43.859	ng	99
13) 1,4-Dichlorobenzene	6.904	146	437477	44.101	ng	99
14) 1,2-Dichlorobenzene	7.057	146	423641	45.758	ng	99
15) Benzyl Alcohol	7.028	79	392504	48.828	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	680611	45.710	ng	98
17) 2-Methylphenol	7.139	107	347073	47.057	ng	98
18) Hexachloroethane	7.404	117	162922	46.056	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	307733	46.302	ng	99
20) 3+4-Methylphenols	7.286	107	419717	44.490	ng	# 89
22) Acetophenone	7.298	105	564834	43.744	ng	99
24) Nitrobenzene	7.469	77	464006	44.493	ng	100
25) Isophorone	7.710	82	853149	47.257	ng	100
26) 2-Nitrophenol	7.786	139	217122	55.188	ng	98
27) 2,4-Dimethylphenol	7.816	122	344243	52.475	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	502223	45.916	ng	99
29) 2,4-Dichlorophenol	8.022	162	348839	46.685	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	360417	43.591	ng	99
31) Naphthalene	8.192	128	1199880	44.132	ng	100
32) Benzoic acid	7.939	122	263535	46.059	ng	99
33) 4-Chloroaniline	8.233	127	151753	16.369	ng	99
34) Hexachlorobutadiene	8.310	225	234926	45.222	ng	99
35) Caprolactam	8.616	113	75533	31.791	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	392868	47.483	ng	99
37) 2-Methylnaphthalene	8.886	142	772169	46.373	ng	100
38) 1-Methylnaphthalene	8.980	142	712861	43.635	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	362976	45.260	ng	99
41) Hexachlorocyclopentadiene	9.039	237	427621	153.242	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	269891	47.533	ng	100

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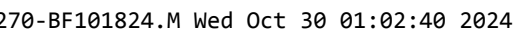
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	275886	47.095	ng	99
46) 1,1'-Biphenyl	9.351	154	931325	45.004	ng	99
47) 2-Chloronaphthalene	9.375	162	739307	44.357	ng	100
48) 2-Nitroaniline	9.469	65	262462	51.488	ng	95
49) Acenaphthylene	9.792	152	1160830	48.175	ng	99
50) Dimethylphthalate	9.651	163	893048	48.231	ng	100
51) 2,6-Dinitrotoluene	9.710	165	197589	49.285	ng	99
52) Acenaphthene	9.963	154	820265	52.623	ng	99
53) 3-Nitroaniline	9.880	138	113986	27.570	ng	97
54) 2,4-Dinitrophenol	9.986	184	223505	129.760	ng	# 1
55) Dibenzofuran	10.133	168	1016974	45.473	ng	99
56) 4-Nitrophenol	10.039	139	304483	95.726	ng	96
57) 2,4-Dinitrotoluene	10.116	165	267104	54.178	ng	100
58) Fluorene	10.480	166	776440	45.582	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	227213	49.477	ng	99
60) Diethylphthalate	10.351	149	864712	47.564	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	396579	46.102	ng	99
62) 4-Nitroaniline	10.498	138	191421	49.023	ng	97
63) Azobenzene	10.627	77	985665	51.140	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	149607	71.883	ng	96
66) n-Nitrosodiphenylamine	10.586	169	720288	47.166	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	253675	48.260	ng	99
68) Hexachlorobenzene	11.027	284	275732	46.642	ng	97
69) Atrazine	11.116	200	235880	57.020	ng	98
70) Pentachlorophenol	11.216	266	333310	92.899	ng	100
71) Phenanthrene	11.439	178	1116509	46.325	ng	99
72) Anthracene	11.492	178	1127394	47.942	ng	100
73) Carbazole	11.645	167	954916	43.663	ng	99
74) Di-n-butylphthalate	11.974	149	1242558	49.177	ng	100
75) Fluoranthene	12.627	202	1037271	42.573	ng	99
77) Benzidine	12.745	184	306598	72.471	ng	98
78) Pyrene	12.857	202	1041912	46.264	ng	100
80) Butylbenzylphthalate	13.474	149	397058	58.807	ng	99
81) Benzo(a)anthracene	14.051	228	809554	48.336	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	170792	34.975	ng	99
83) Chrysene	14.092	228	734483	47.829	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	495456	65.405	ng	100
85) Di-n-octyl phthalate	14.674	149	810976	58.858	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	894510	49.699	ng	98
88) Benzo(b)fluoranthene	15.133	252	742819	43.586	ng	99
89) Benzo(k)fluoranthene	15.162	252	728170	49.542	ng	99
90) Benzo(a)pyrene	15.509	252	711907	50.766	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	727325	48.440	ng	99
92) Benzo(g,h,i)perylene	17.539	276	672174	44.818	ng	98

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

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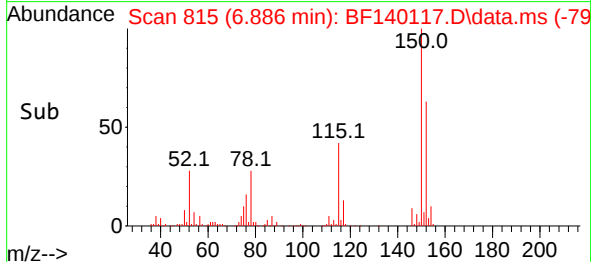
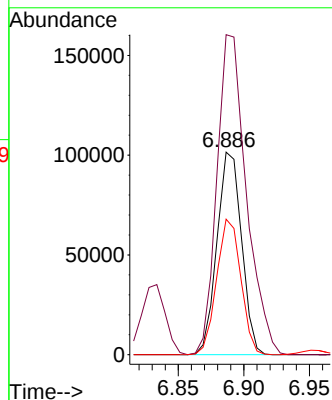
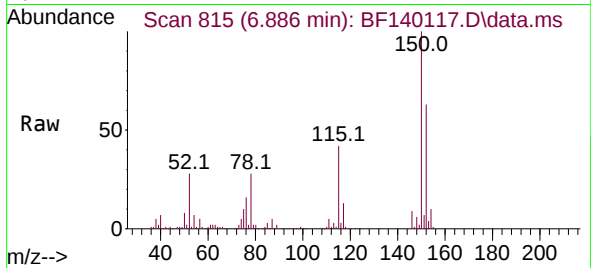




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

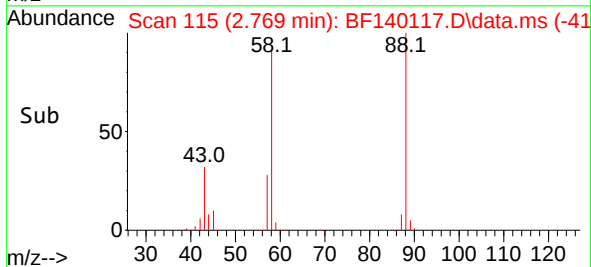
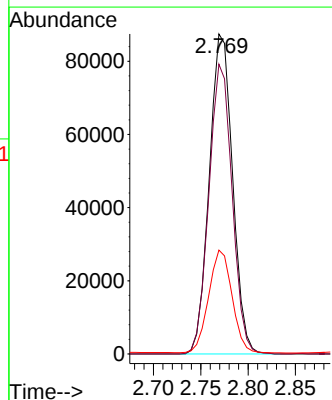
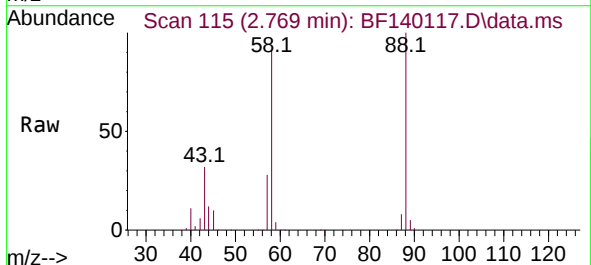
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

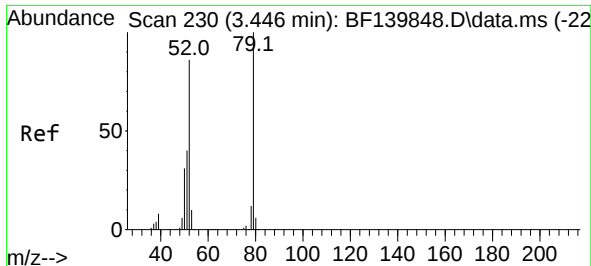
Tgt Ion:152 Resp: 132457
Ion Ratio Lower Upper
152 100
150 158.0 130.2 195.2
115 66.9 51.4 77.2



#2
1,4-Dioxane
Concen: 37.956 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.082 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion: 88 Resp: 149733
Ion Ratio Lower Upper
88 100
58 90.3 73.3 109.9
43 32.4 27.1 40.7





#3

Pyridine

Concen: 40.036 ng

RT: 3.522 min Scan# 243

Delta R.T. 0.076 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

BP-F17MS

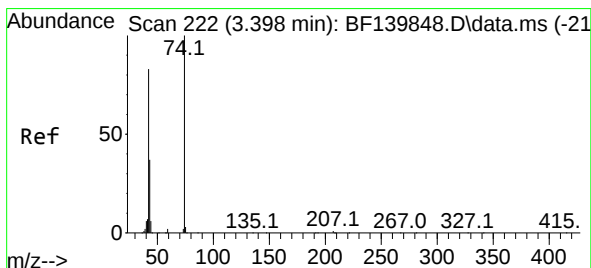
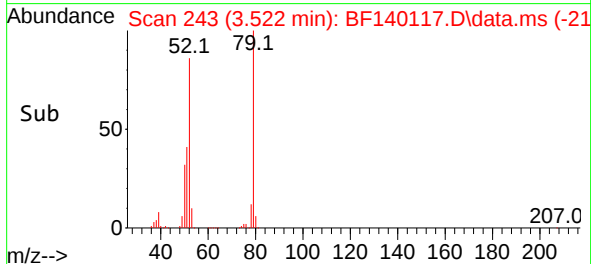
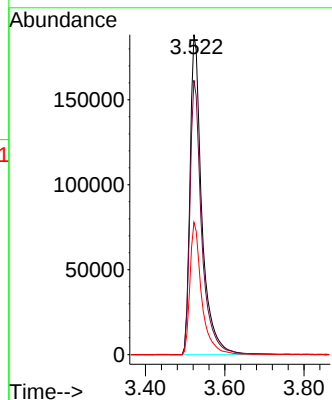
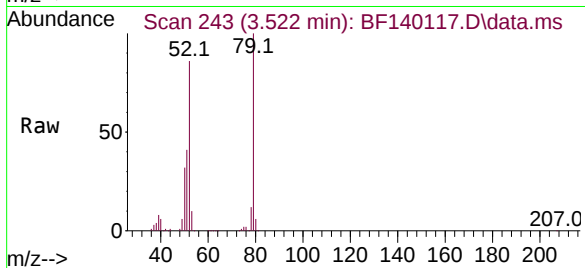
Tgt Ion: 79 Resp: 391488

Ion Ratio Lower Upper

79 100

52 85.7 68.5 102.7

51 41.4 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 42.236 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.082 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

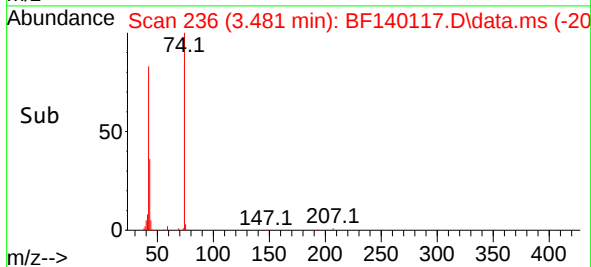
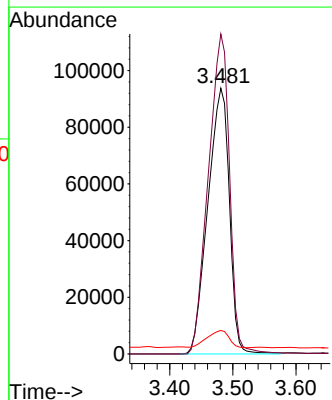
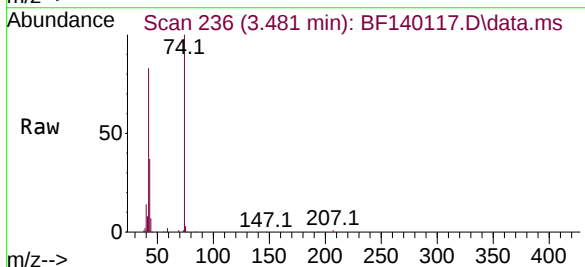
Tgt Ion: 42 Resp: 221895

Ion Ratio Lower Upper

42 100

74 120.4 96.2 144.4

44 8.8 6.2 9.2

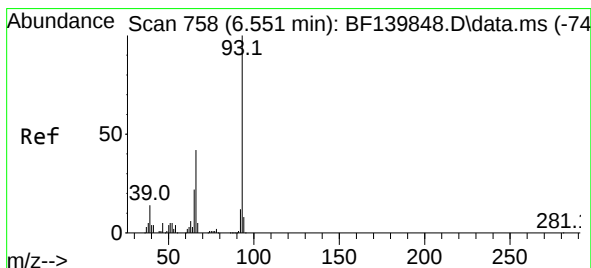
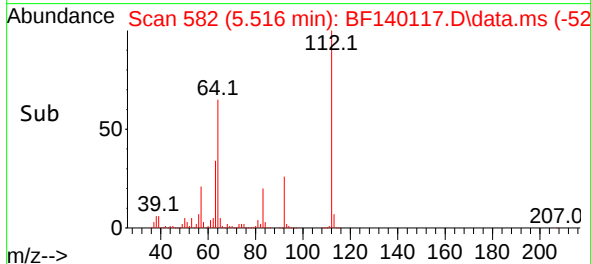
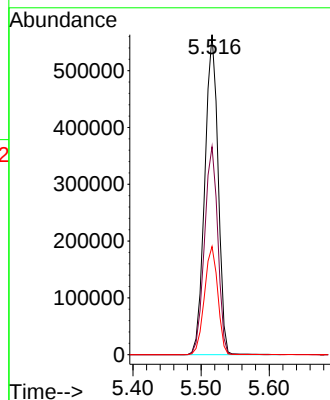
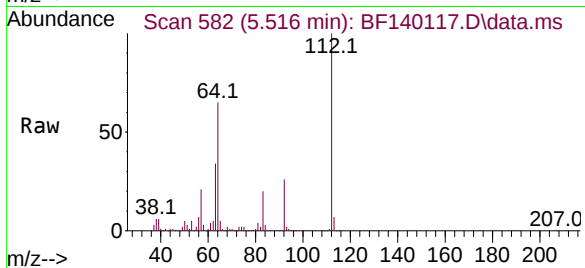




#5
2-Fluorophenol
Concen: 90.277 ng
RT: 5.516 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

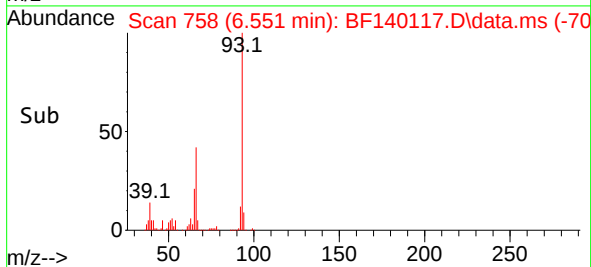
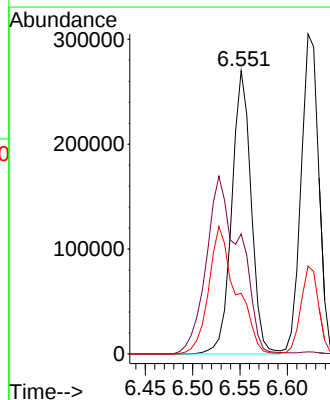
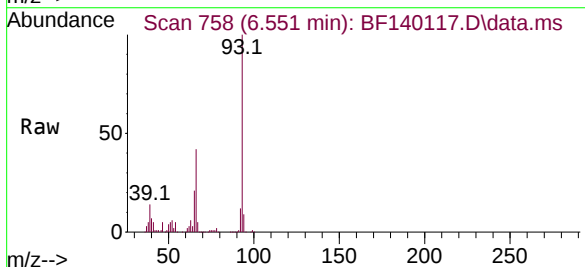
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

Tgt Ion:112 Resp: 763838
Ion Ratio Lower Upper
112 100
64 65.0 53.0 79.6
63 33.8 27.0 40.4



#6
Aniline
Concen: 37.528 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion: 93 Resp: 383280
Ion Ratio Lower Upper
93 100
66 42.4 34.0 51.0
65 21.4 17.4 26.0

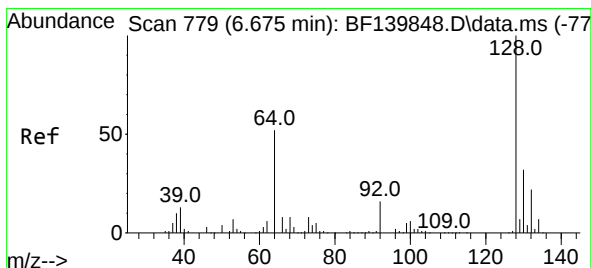
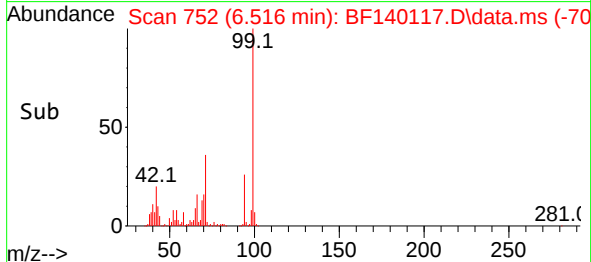
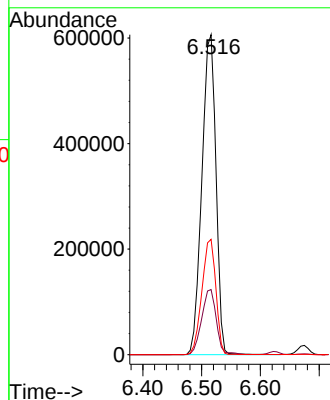
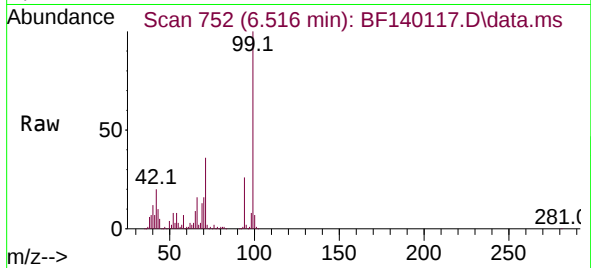




#7
Phenol-d6
Concen: 92.265 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

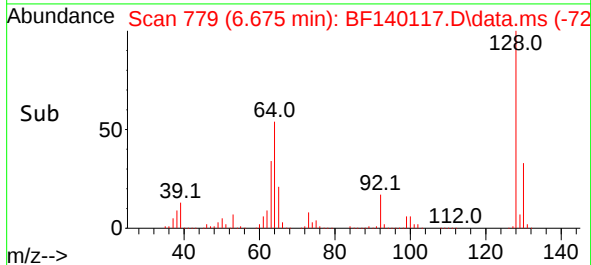
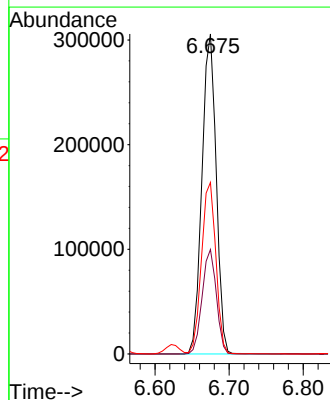
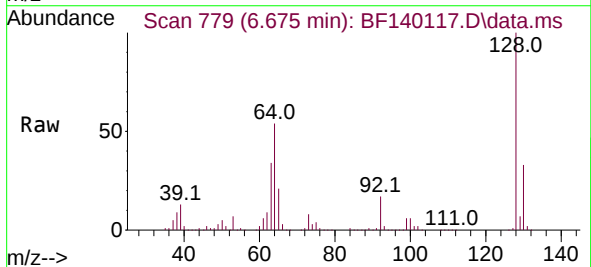
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

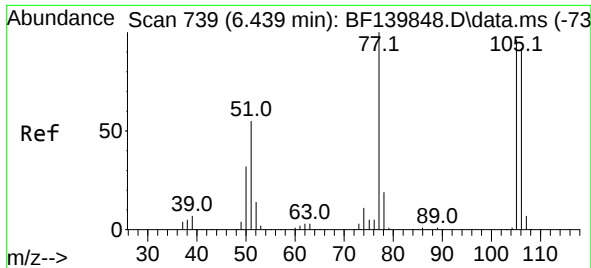
Tgt Ion: 99 Resp: 1011079
Ion Ratio Lower Upper
99 100
42 20.4 16.7 25.1
71 36.1 27.7 41.5



#8
2-Chlorophenol
Concen: 47.243 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:128 Resp: 408640
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 53.6 34.6 74.6

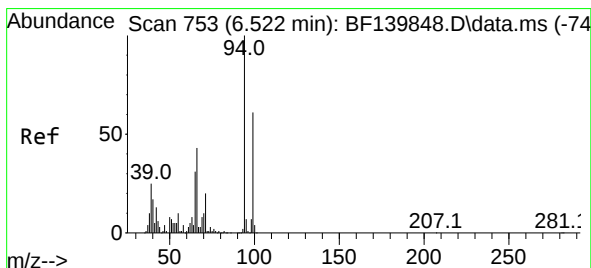
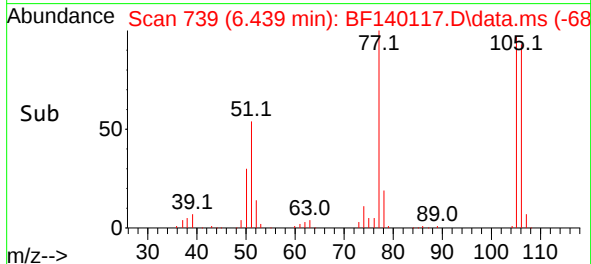
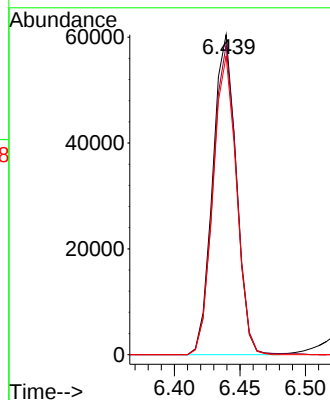
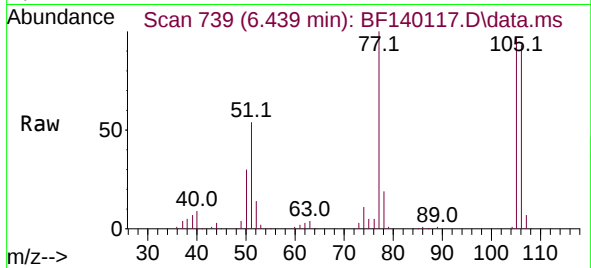




#9
Benzaldehyde
Concen: 12.221 ng
RT: 6.439 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

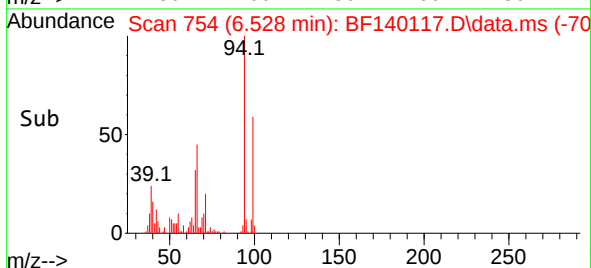
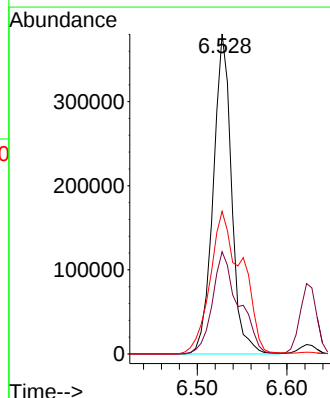
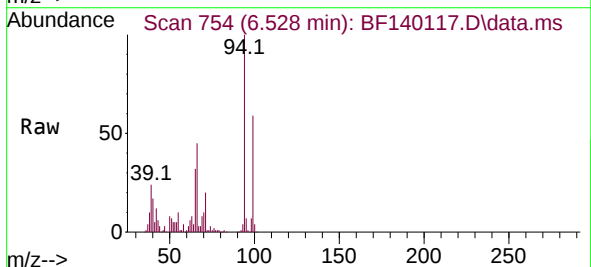
Instrument : BNA_F
ClientSampleId : BP-F17MS

Tgt Ion:	77	Resp:	75337
Ion	Ratio	Lower	Upper
77	100		
105	96.8	75.5	115.5
106	93.4	71.7	111.7



#10
Phenol
Concen: 47.817 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:	94	Resp:	540224
Ion	Ratio	Lower	Upper
94	100		
65	31.9	11.1	51.1
66	44.6	22.7	62.7





#11

bis(2-Chloroethyl)ether

Concen: 45.436 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

BP-F17MS

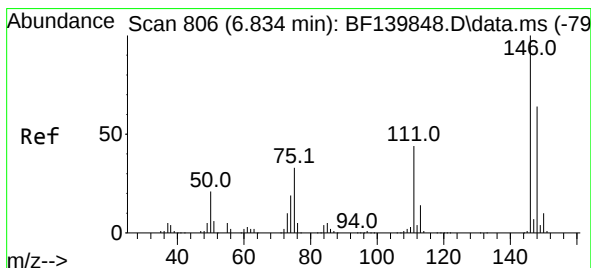
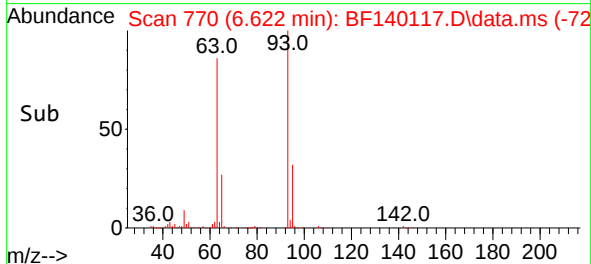
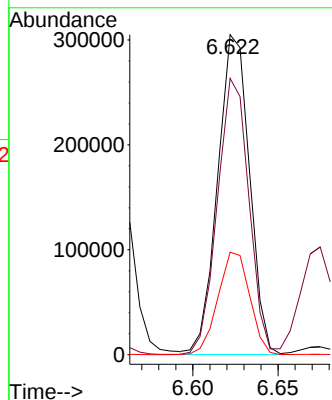
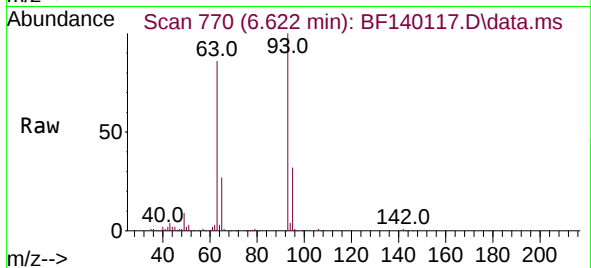
Tgt Ion: 93 Resp: 396755

Ion Ratio Lower Upper

93 100

63 86.4 65.0 105.0

95 32.0 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 43.859 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

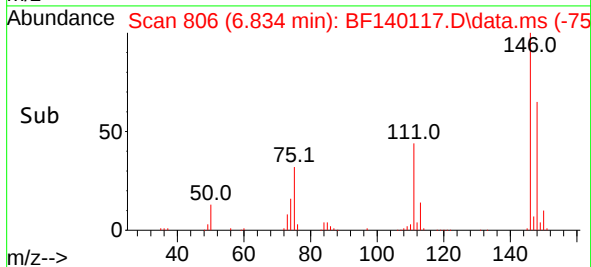
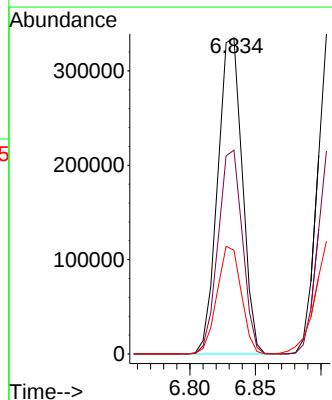
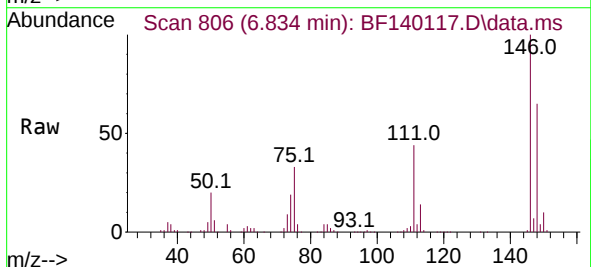
Tgt Ion:146 Resp: 435490

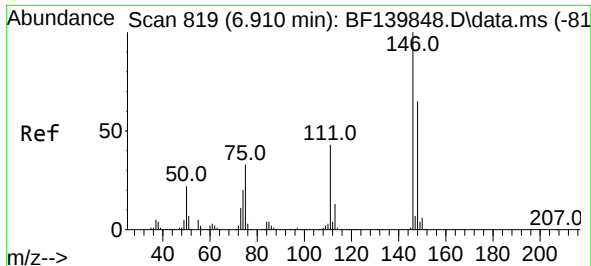
Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.4

75 32.8 26.4 39.6

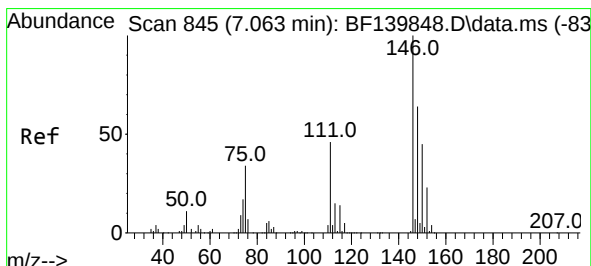
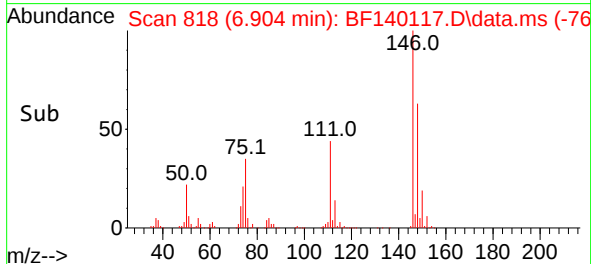
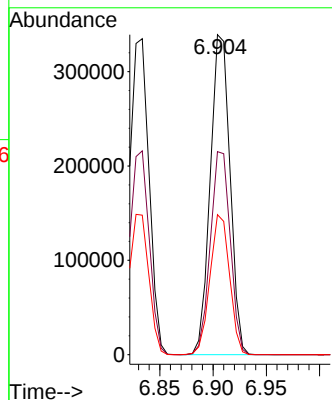
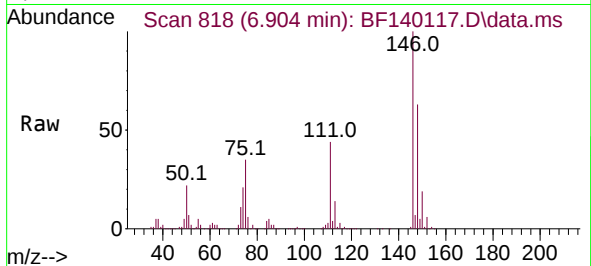




#13
1,4-Dichlorobenzene
Concen: 44.101 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

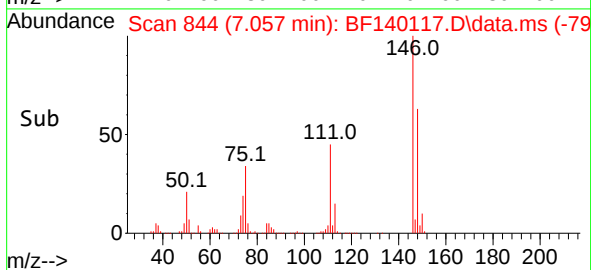
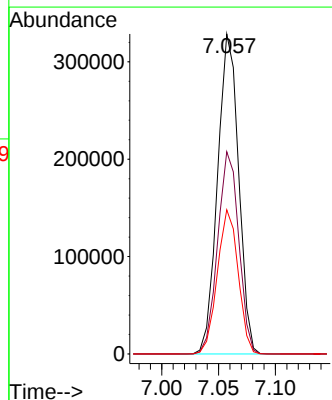
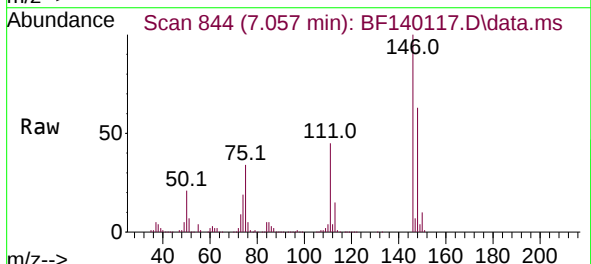
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

Tgt Ion:146 Resp: 437477
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
111 43.8 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 45.758 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:146 Resp: 423641
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.2
111 45.1 36.7 55.1

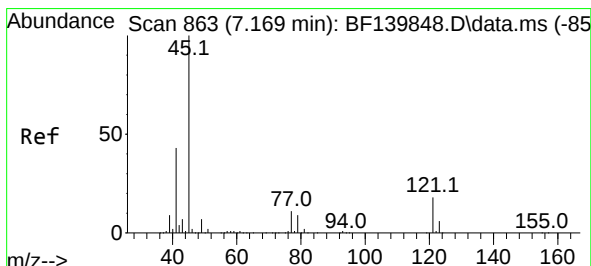
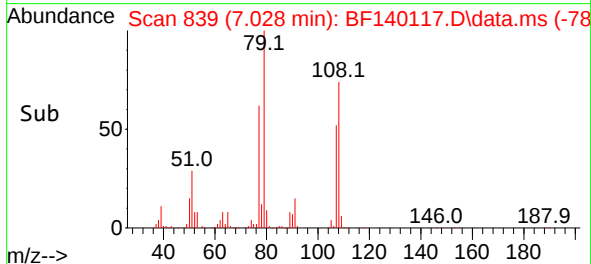
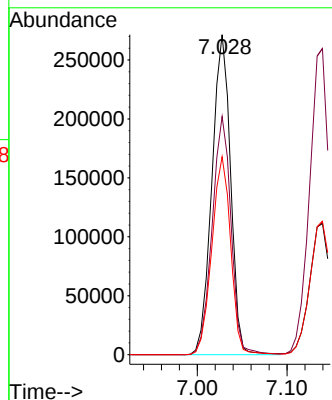
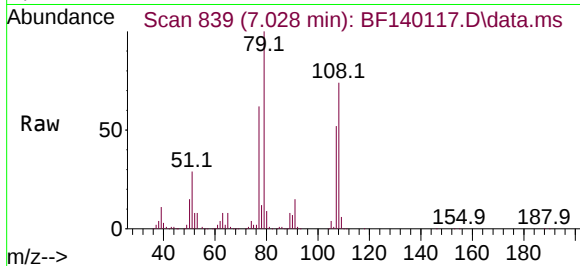




#15
Benzyl Alcohol
Concen: 48.828 ng
RT: 7.028 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

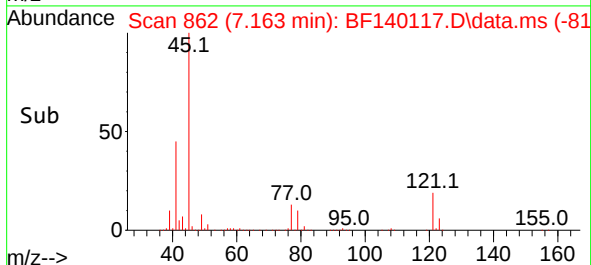
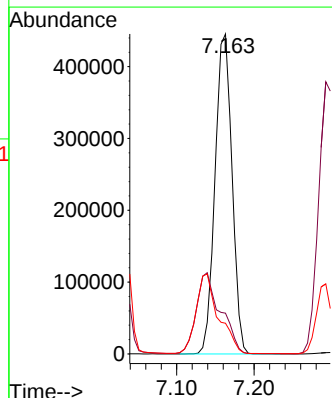
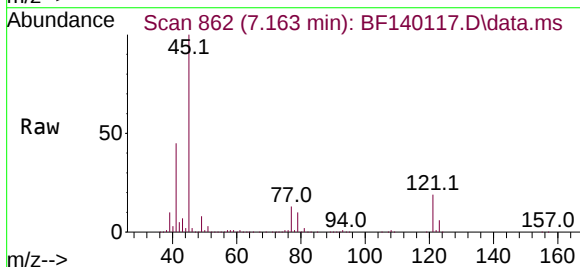
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

Tgt Ion: 79 Resp: 392504
Ion Ratio Lower Upper
79 100
108 74.4 61.4 92.0
77 61.8 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.710 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion: 45 Resp: 680611
Ion Ratio Lower Upper
45 100
77 12.7 0.0 31.5
79 9.6 0.0 29.1





#17

2-Methylphenol

Concen: 47.057 ng

RT: 7.139 min Scan# 857

Delta R.T. 0.006 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

BP-F17MS

Tgt Ion:107 Resp: 347073

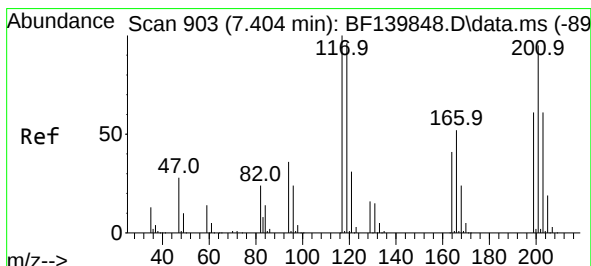
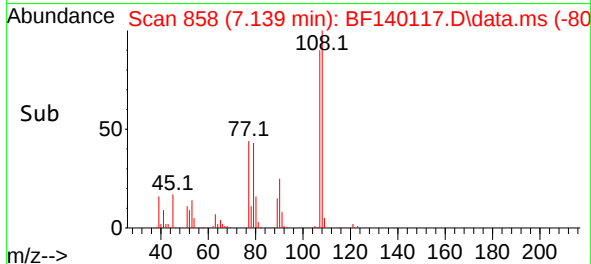
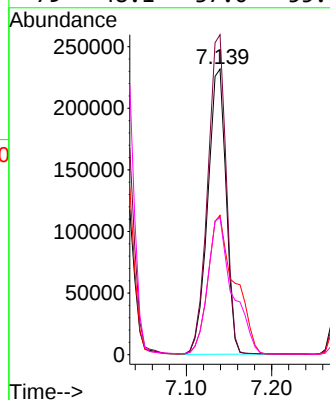
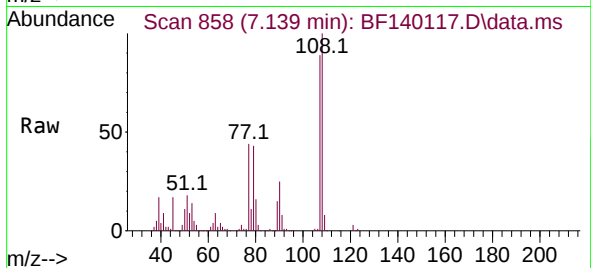
Ion Ratio Lower Upper

107 100

108 112.1 91.3 136.9

77 48.8 37.1 55.7

79 48.1 37.0 55.6



#18

Hexachloroethane

Concen: 46.056 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

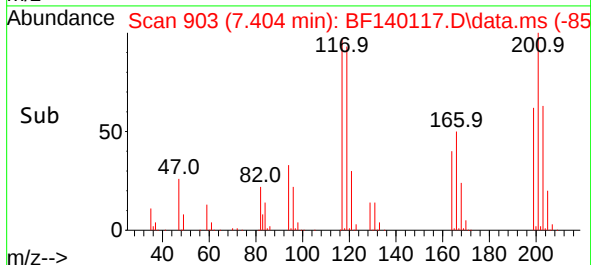
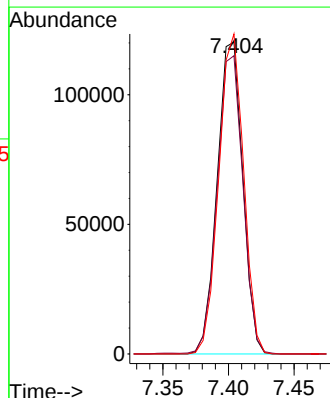
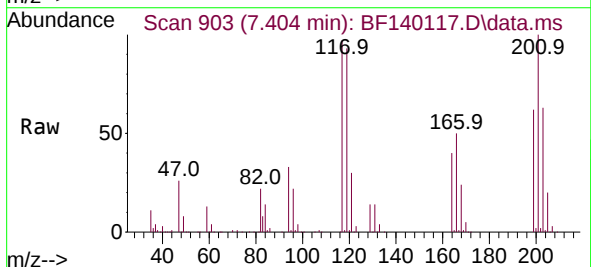
Tgt Ion:117 Resp: 162922

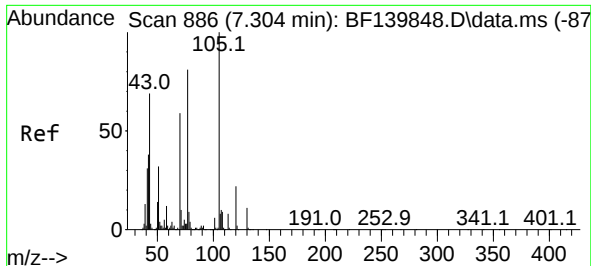
Ion Ratio Lower Upper

117 100

119 95.6 77.0 115.4

201 102.6 76.2 114.4



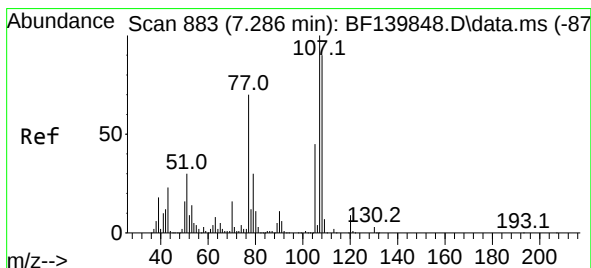
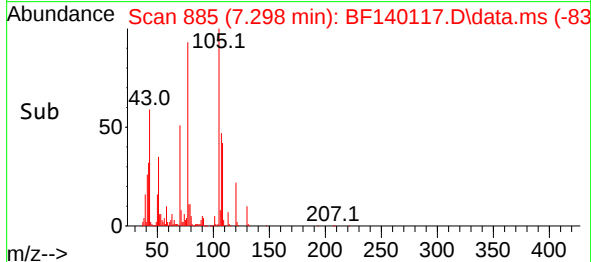
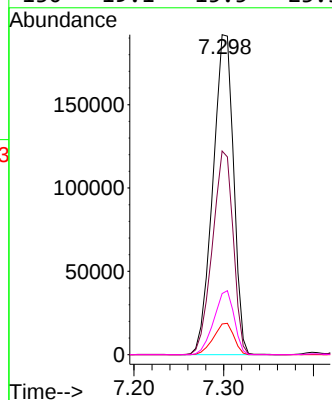
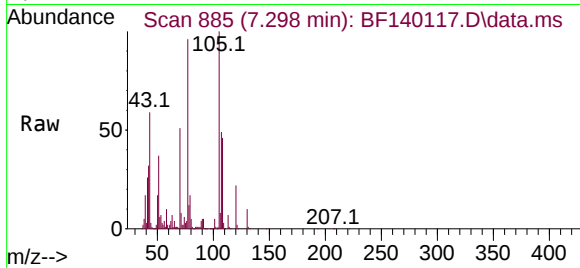


#19
n-Nitroso-di-n-propylamine
Concen: 46.302 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Instrument :
BNA_F
ClientSampleId :
BP-F17MS

Tgt Ion: 70 Resp: 307733

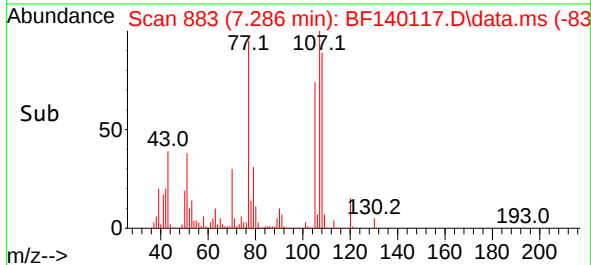
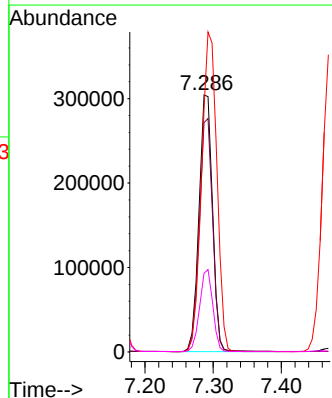
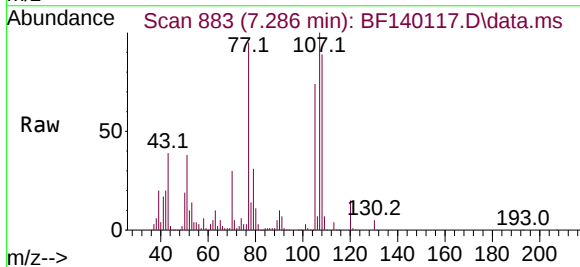
Ion	Ratio	Lower	Upper
70	100		
42	63.6	51.5	77.3
101	9.6	7.5	11.3
130	19.1	15.5	23.3



#20
3+4-Methylphenols
Concen: 44.490 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion: 107 Resp: 419717

Ion	Ratio	Lower	Upper
107	100		
108	89.2	69.8	109.8
77	94.5	50.5	90.5#
79	30.6	10.2	50.2



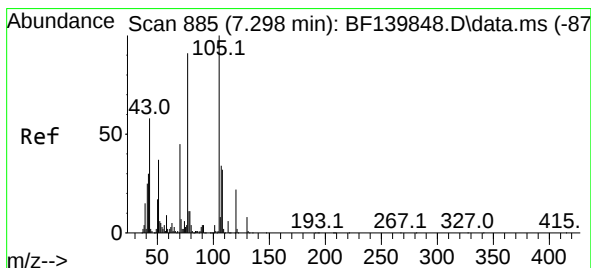
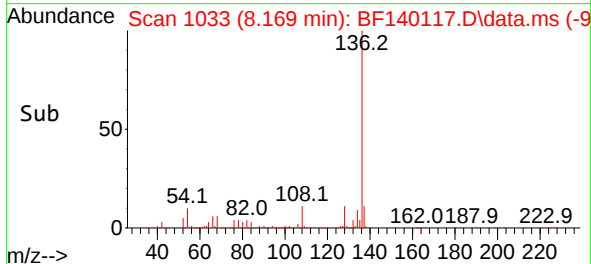
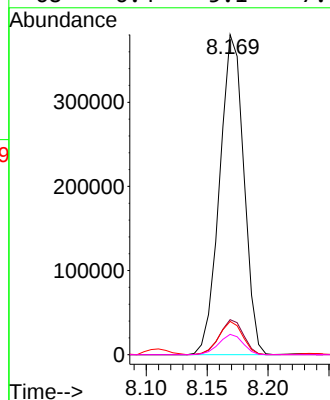
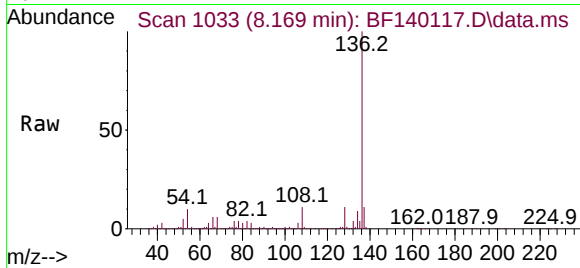


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Instrument :
BNA_F
ClientSampleId :
BP-F17MS

Tgt Ion:136 Resp: 527177

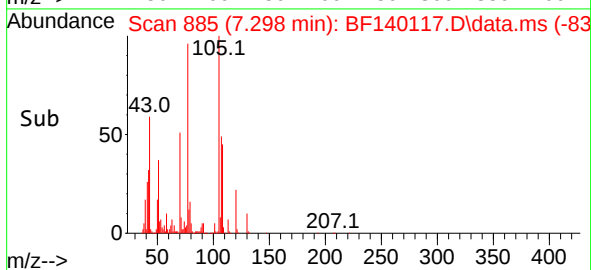
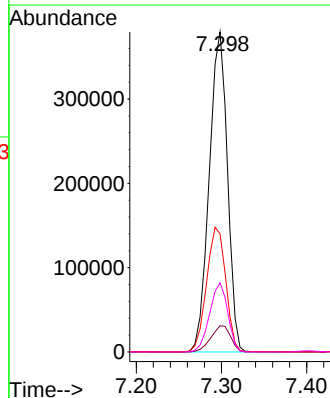
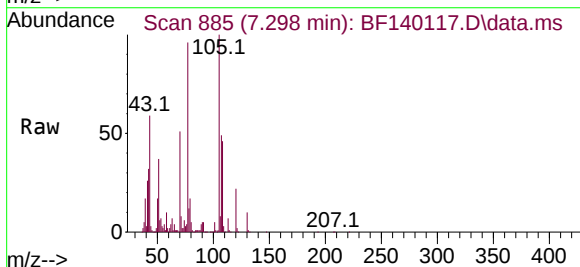
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.4	8.4	12.6
68	6.4	5.1	7.7



#22
Acetophenone
Concen: 43.744 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:105 Resp: 564834

Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.9	8.9
51	36.9	29.4	44.2
120	21.6	17.5	26.3

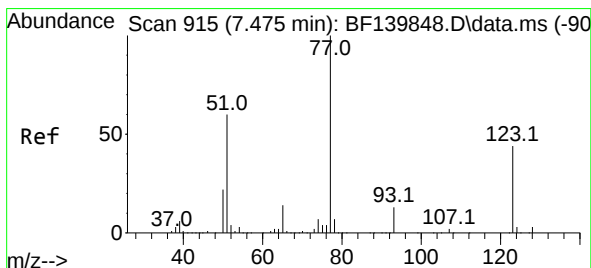
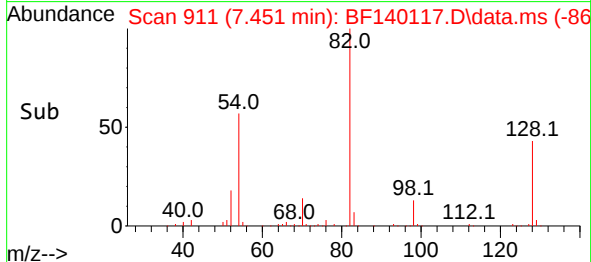
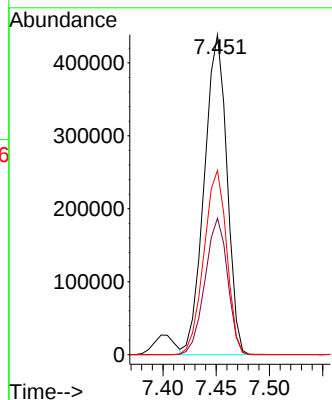
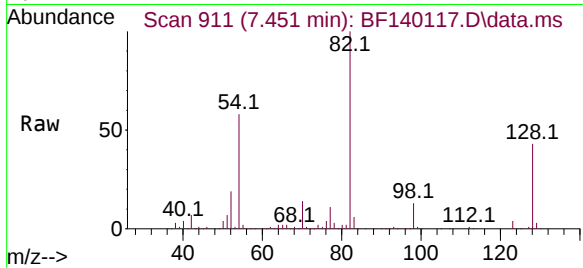




#23
Nitrobenzene-d5
Concen: 68.348 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

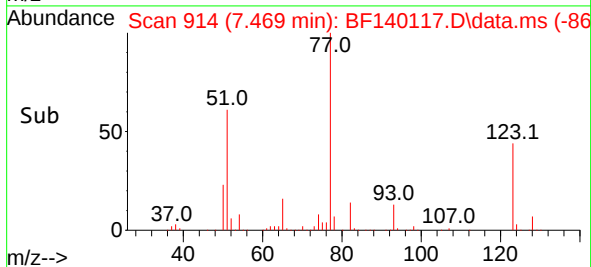
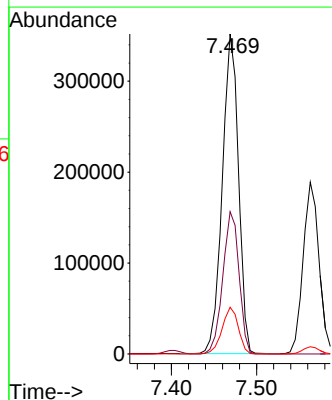
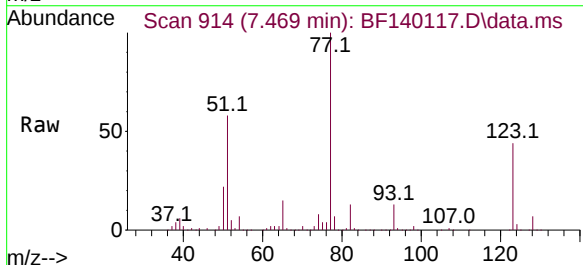
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

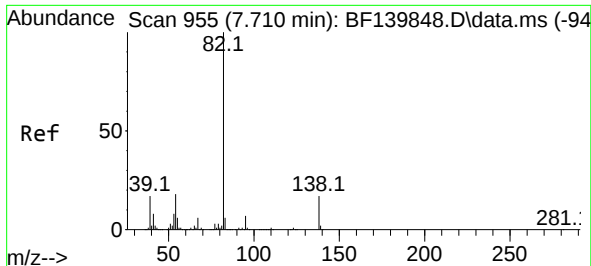
Tgt Ion: 82 Resp: 650115
Ion Ratio Lower Upper
82 100
128 42.6 33.4 50.0
54 57.6 47.8 71.8



#24
Nitrobenzene
Concen: 44.493 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion: 77 Resp: 464006
Ion Ratio Lower Upper
77 100
123 44.4 35.7 53.5
65 14.6 11.5 17.3

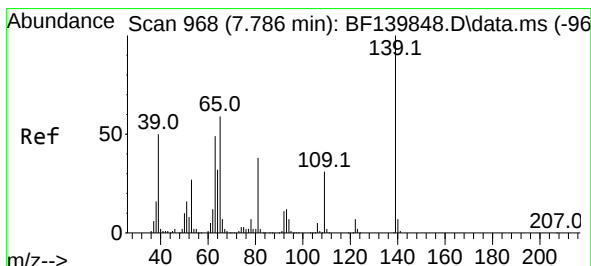
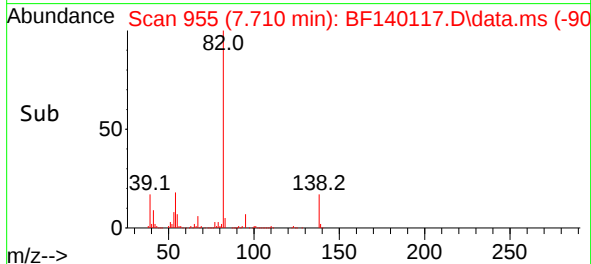
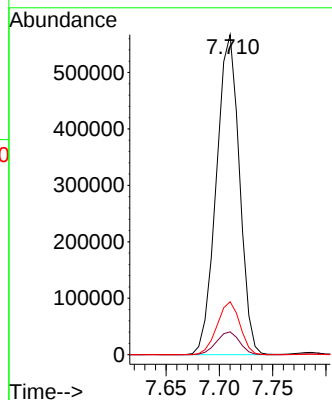
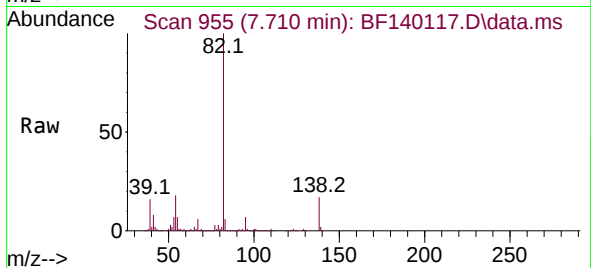




#25
Isophorone
Concen: 47.257 ng
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

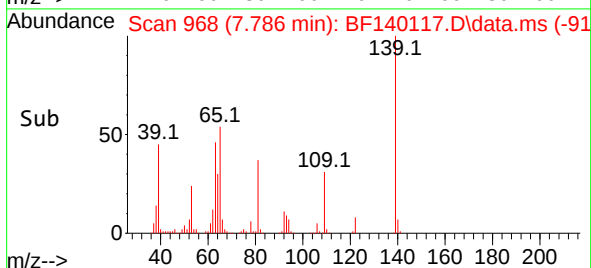
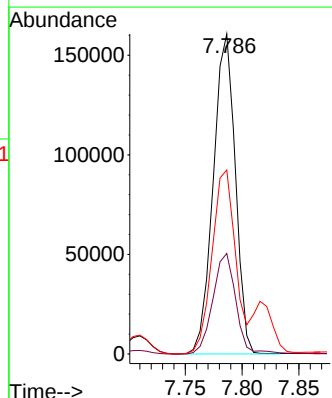
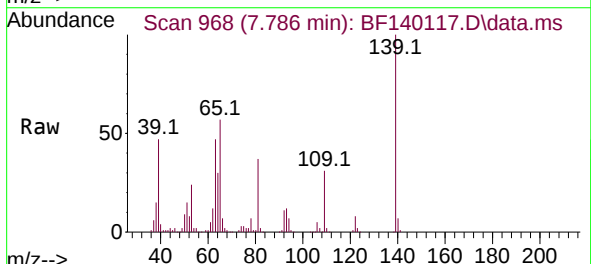
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

Tgt Ion: 82 Resp: 853149
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.6 13.2 19.8



#26
2-Nitrophenol
Concen: 55.188 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:139 Resp: 217122
Ion Ratio Lower Upper
139 100
109 31.4 25.1 37.7
65 57.5 47.5 71.3

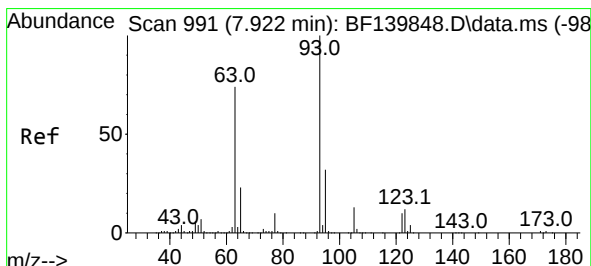
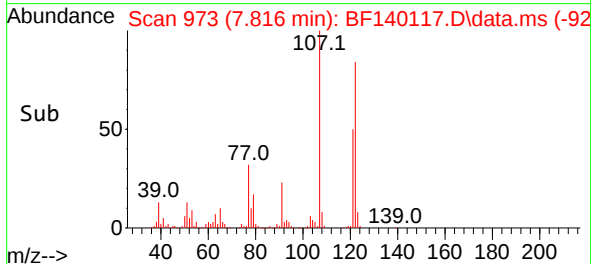
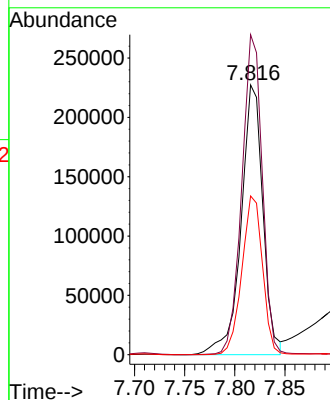
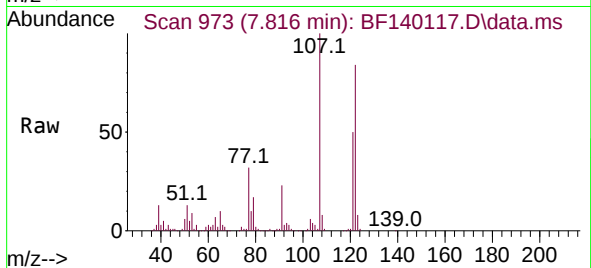




#27
2,4-Dimethylphenol
Concen: 52.475 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

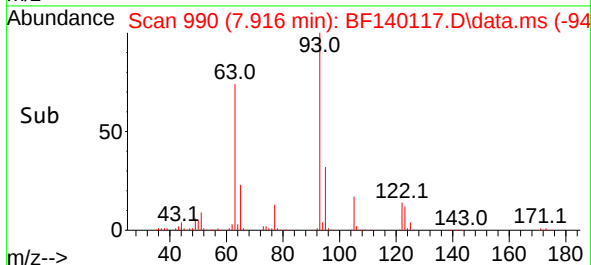
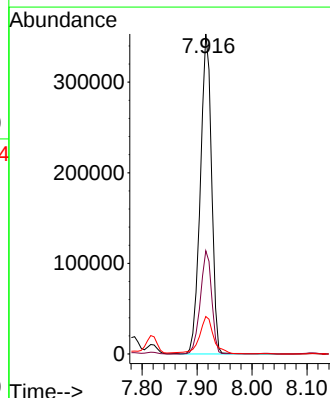
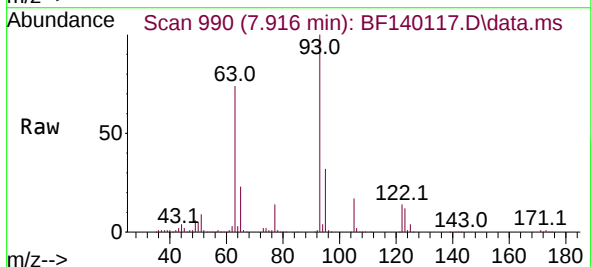
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

Tgt Ion:122 Resp: 344243
Ion Ratio Lower Upper
122 100
107 118.6 91.9 137.9
121 58.9 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.916 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion: 93 Resp: 502223
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 11.7 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 46.685 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

BP-F17MS

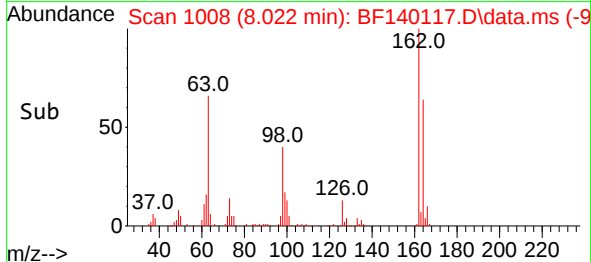
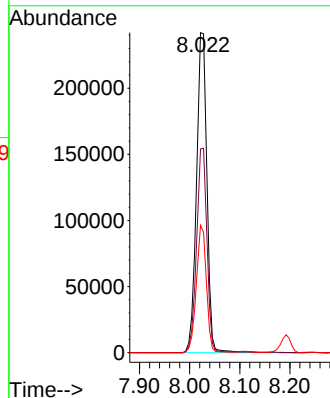
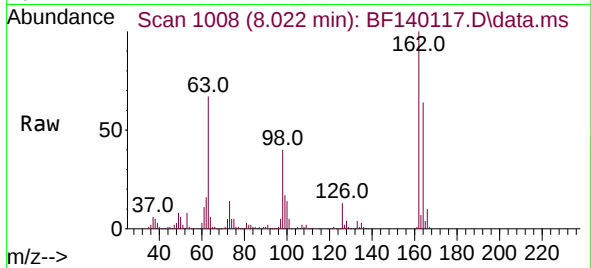
Tgt Ion:162 Resp: 348839

Ion Ratio Lower Upper

162 100

164 63.7 43.9 83.9

98 39.8 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 43.591 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

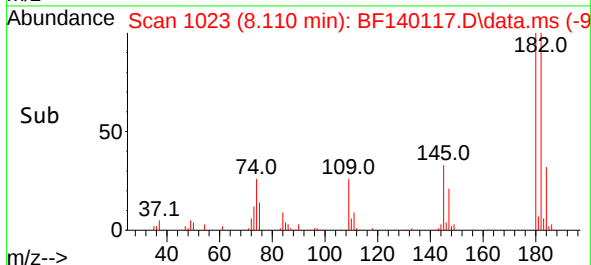
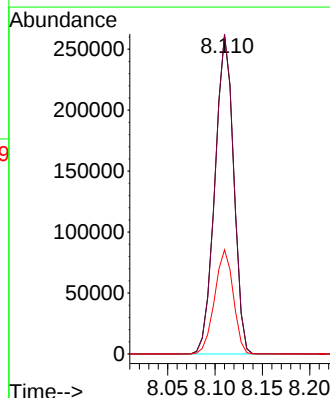
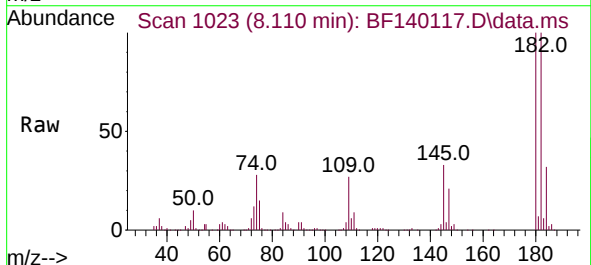
Tgt Ion:180 Resp: 360417

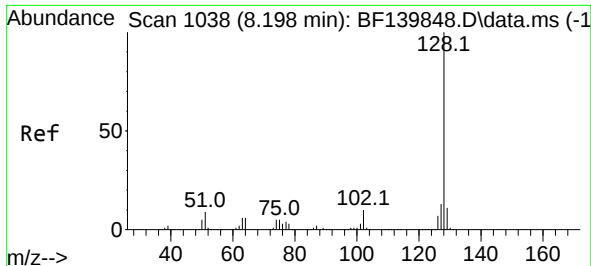
Ion Ratio Lower Upper

180 100

182 100.3 80.5 120.7

145 32.7 25.4 38.0

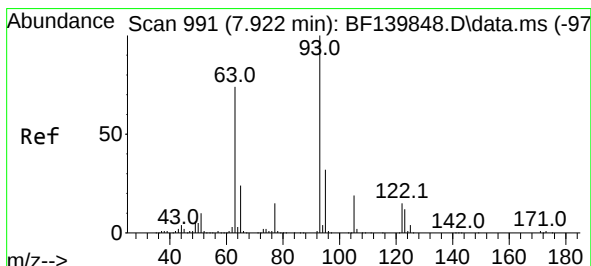
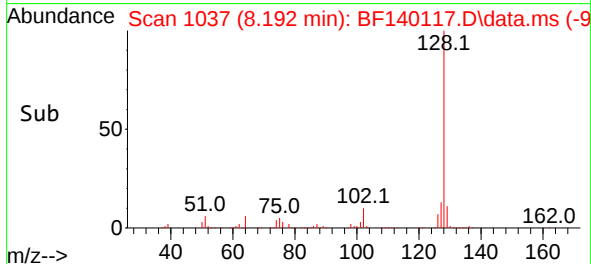
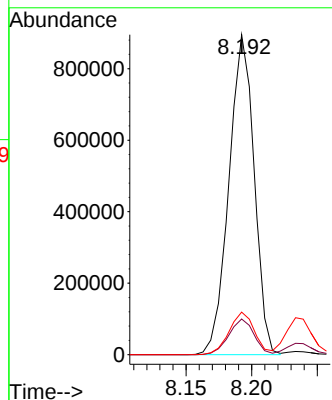
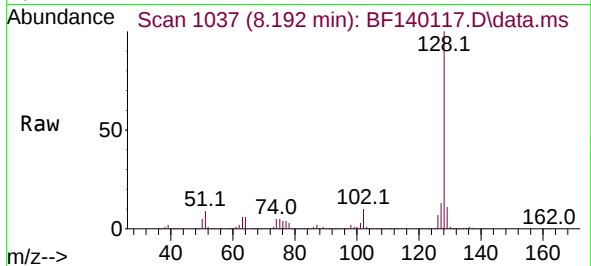




#31
Naphthalene
Concen: 44.132 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

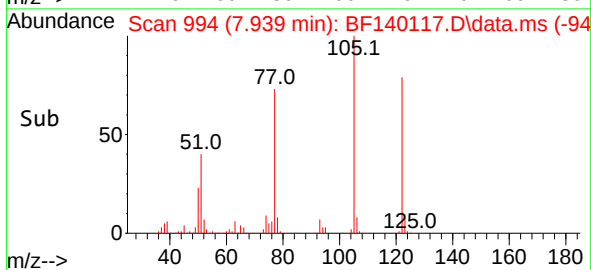
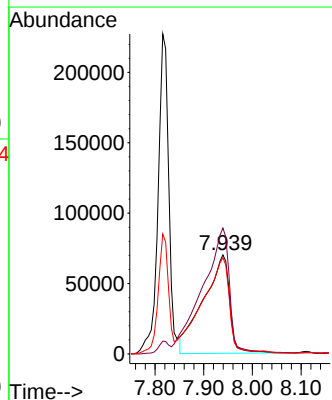
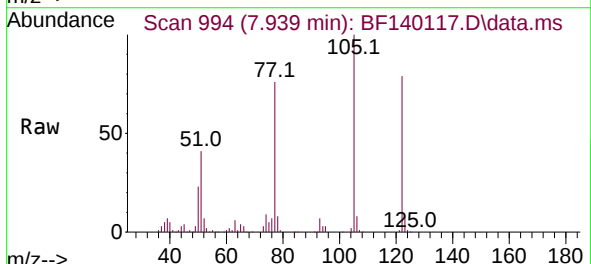
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

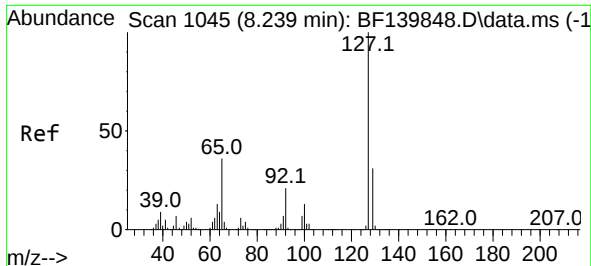
Tgt Ion:128 Resp: 1199880
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 46.059 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.017 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:122 Resp: 263535
Ion Ratio Lower Upper
122 100
105 127.2 107.6 147.6
77 97.3 80.2 120.2



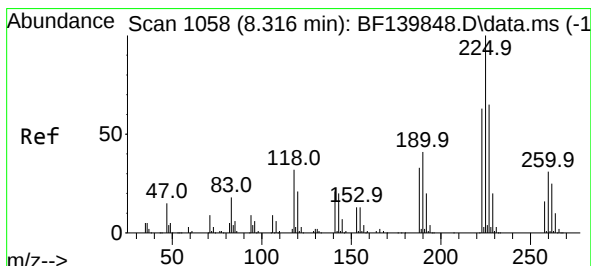
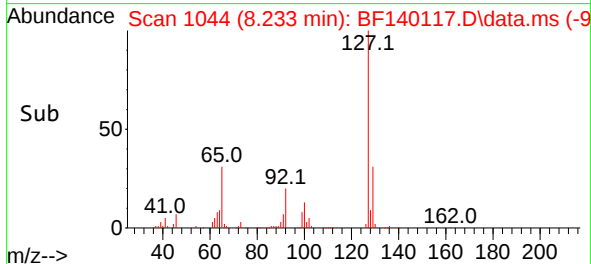
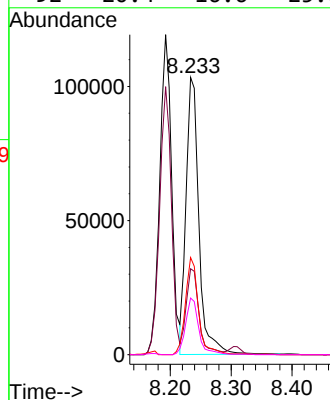
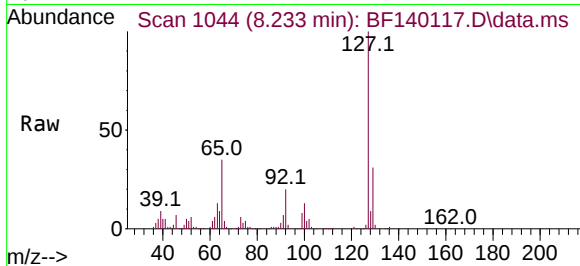


#33
4-Chloroaniline
Concen: 16.369 ng
RT: 8.233 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Instrument :
BNA_F
ClientSampleId :
BP-F17MS

Tgt Ion:127 Resp: 151753

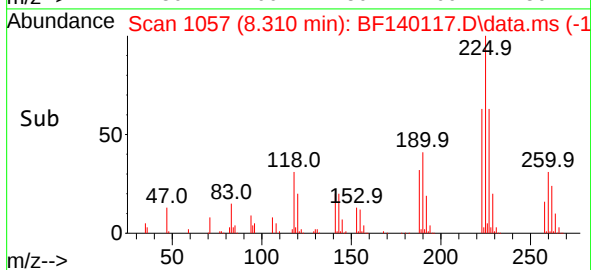
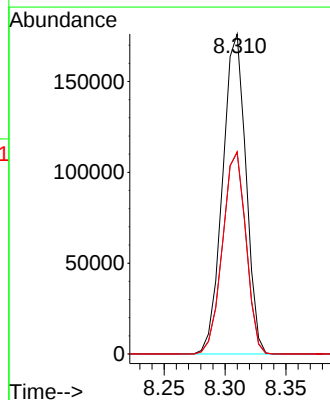
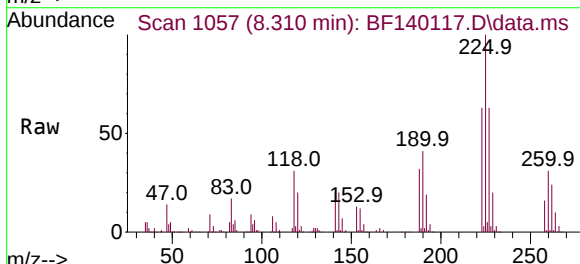
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.4	38.2
65	35.0	28.4	42.6
92	20.4	16.6	25.0

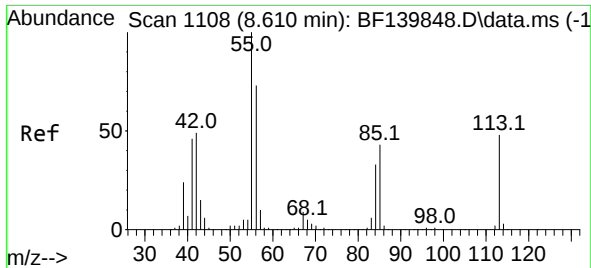


#34
Hexachlorobutadiene
Concen: 45.222 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:225 Resp: 234926

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	63.3	51.8	77.8

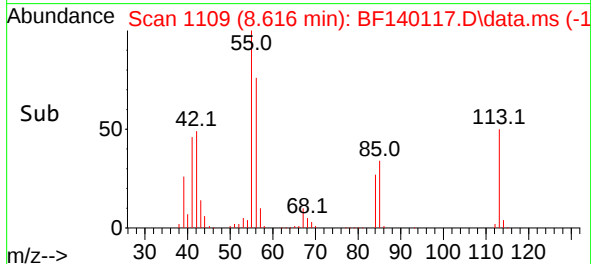
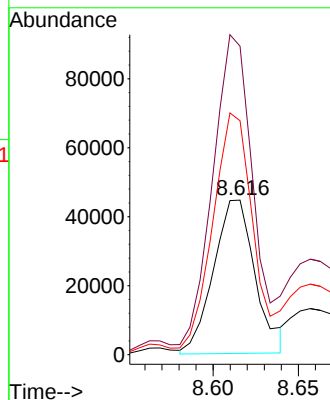
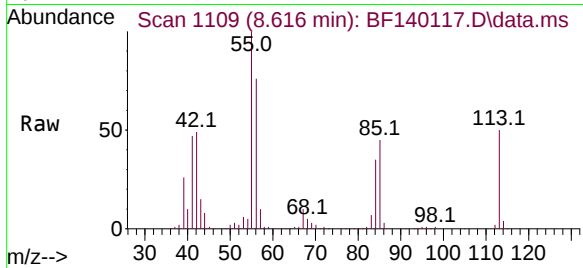




#35
 Caprolactam
 Concen: 31.791 ng
 RT: 8.616 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: BF140117.D
 Acq: 29 Oct 2024 17:45

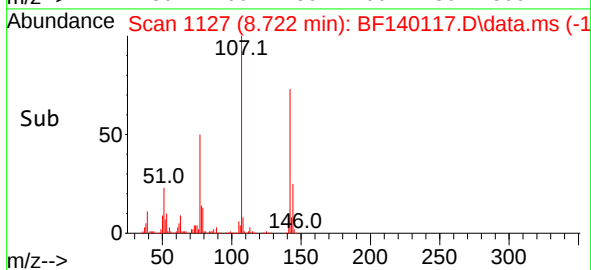
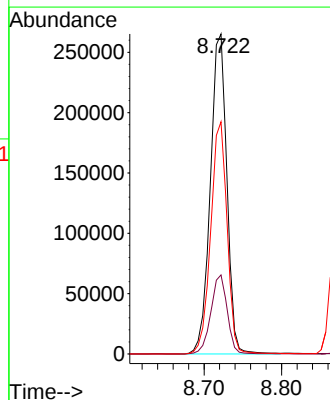
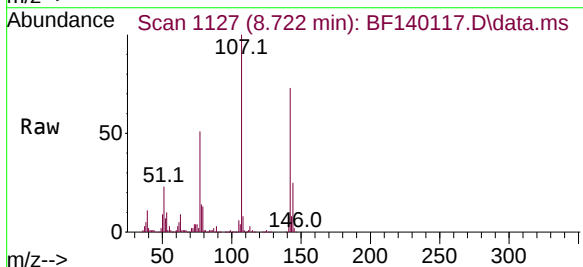
Instrument :
 BNA_F
 ClientSampleId :
 BP-F17MS

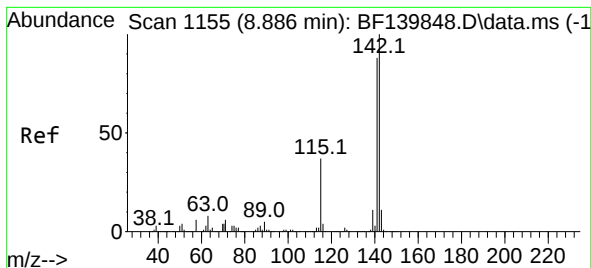
Tgt Ion:113 Resp: 75533
 Ion Ratio Lower Upper
 113 100
 55 199.7 189.2 229.2
 56 151.4 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 47.483 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.012 min
 Lab File: BF140117.D
 Acq: 29 Oct 2024 17:45

Tgt Ion:107 Resp: 392868
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.1 28.7
 142 72.5 57.2 85.8





#37

2-Methylnaphthalene

Concen: 46.373 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

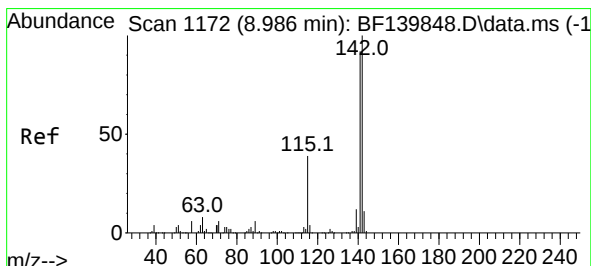
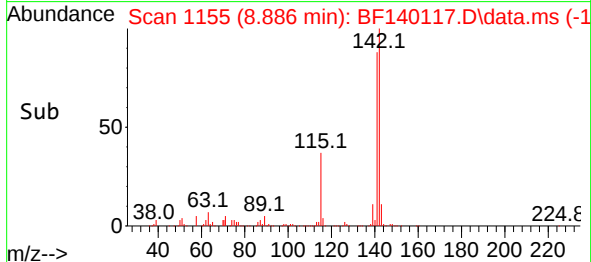
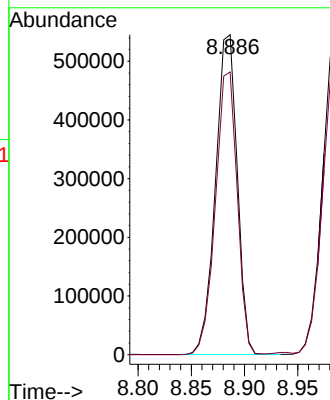
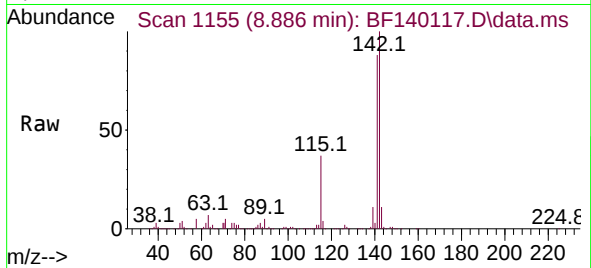
BP-F17MS

Tgt Ion:142 Resp: 772169

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2



#38

1-Methylnaphthalene

Concen: 43.635 ng

RT: 8.980 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140117.D

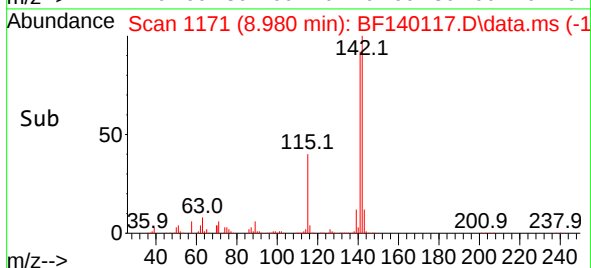
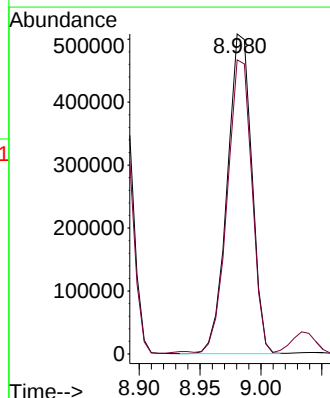
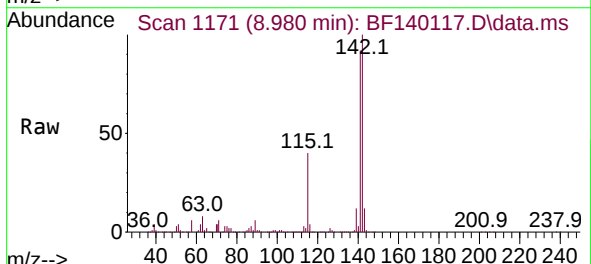
Acq: 29 Oct 2024 17:45

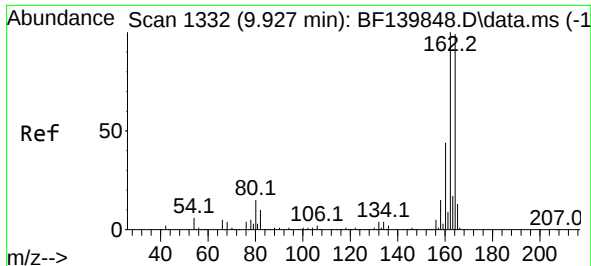
Tgt Ion:142 Resp: 712861

Ion Ratio Lower Upper

142 100

141 91.9 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

BP-F17MS

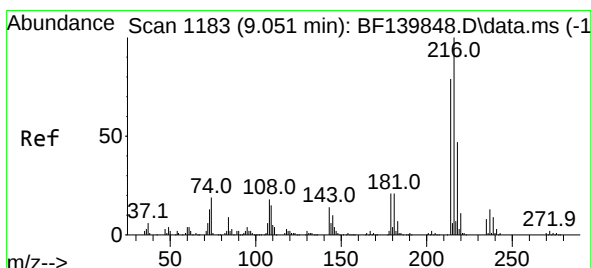
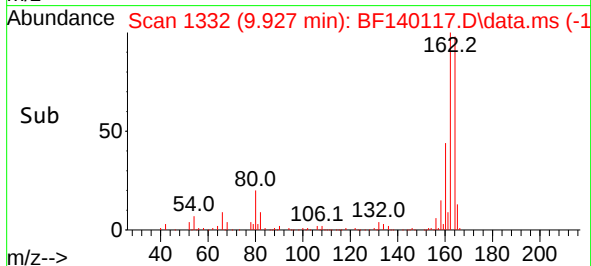
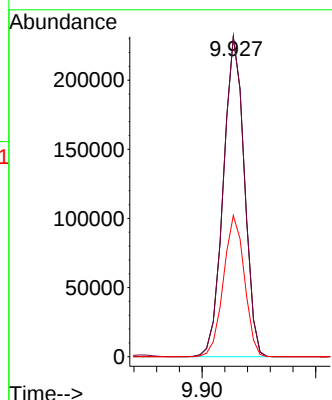
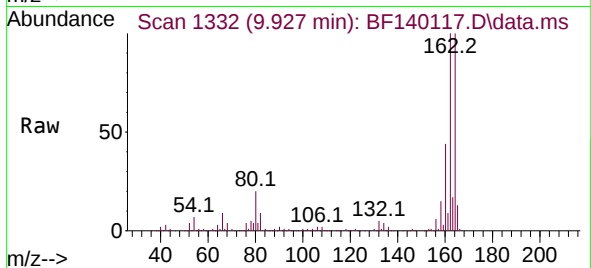
Tgt Ion:164 Resp: 297266

Ion Ratio Lower Upper

164 100

162 99.9 81.0 121.4

160 44.1 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.260 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Tgt Ion:216 Resp: 362976

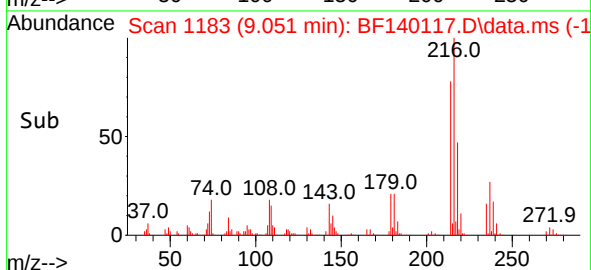
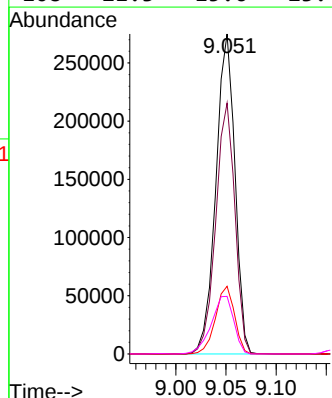
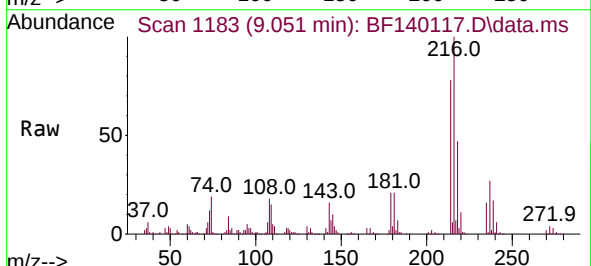
Ion Ratio Lower Upper

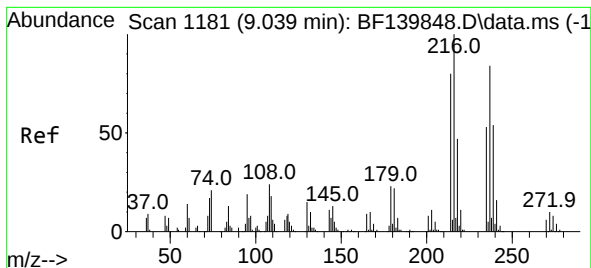
216 100

214 78.6 63.4 95.0

179 21.1 17.2 25.8

108 21.3 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 153.242 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

BP-F17MS

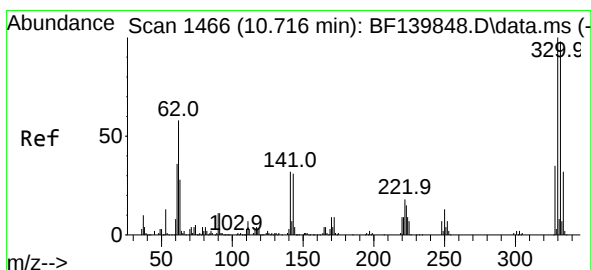
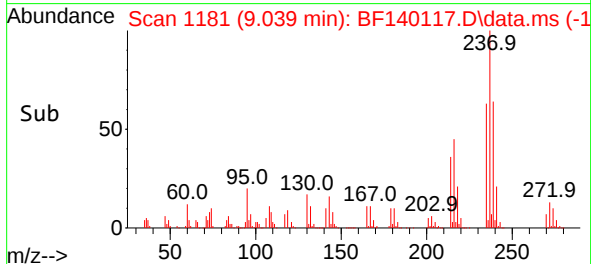
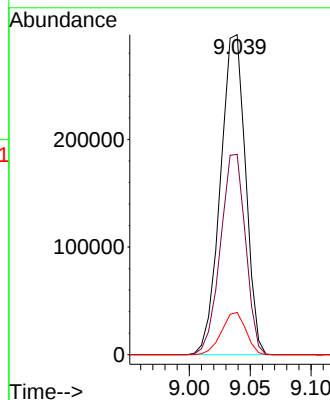
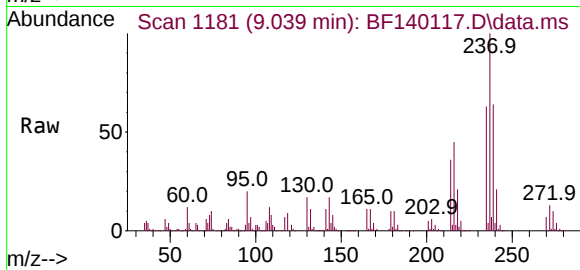
Tgt Ion:237 Resp: 427621

Ion Ratio Lower Upper

237 100

235 62.6 42.9 82.9

272 13.2 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 105.925 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

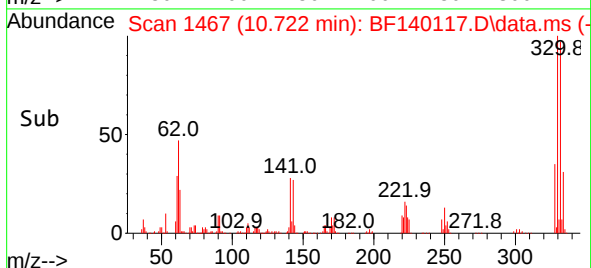
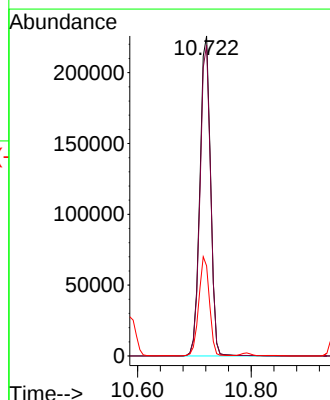
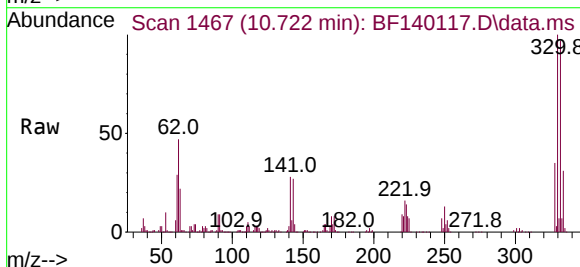
Tgt Ion:330 Resp: 294528

Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

141 30.9 26.6 39.8

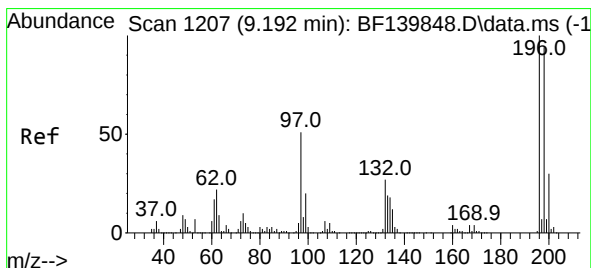
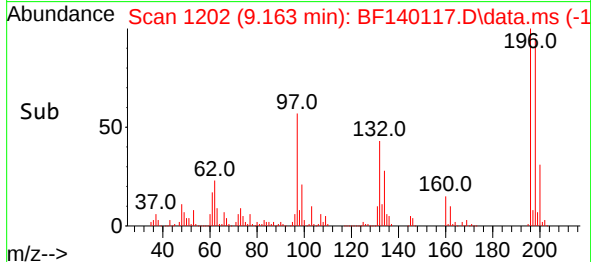
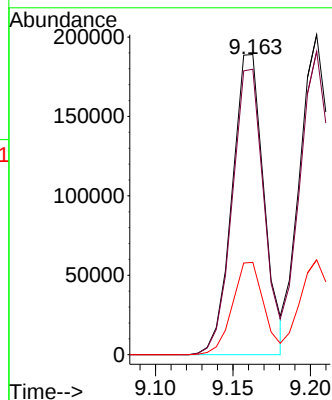
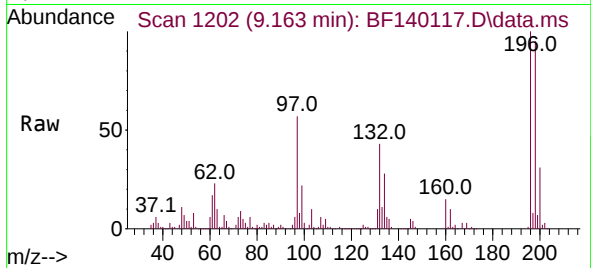




#43
2,4,6-Trichlorophenol
Concen: 47.533 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

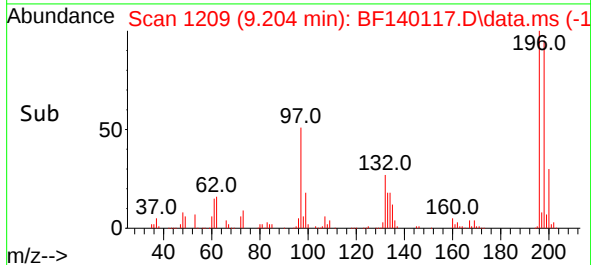
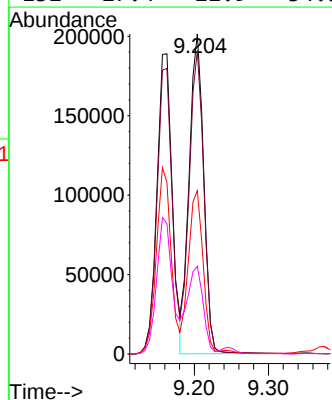
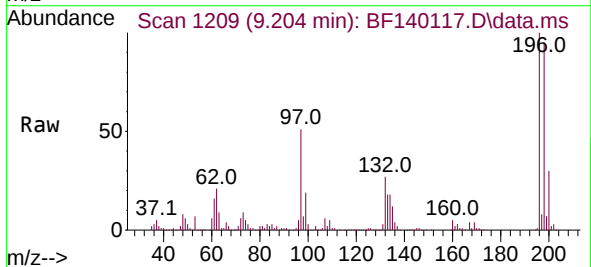
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

Tgt Ion:196 Resp: 269891
Ion Ratio Lower Upper
196 100
198 95.1 76.2 114.2
200 30.8 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 47.095 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:196 Resp: 275886
Ion Ratio Lower Upper
196 100
198 94.8 75.8 113.6
97 51.0 41.8 62.6
132 27.4 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 65.690 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

BP-F17MS

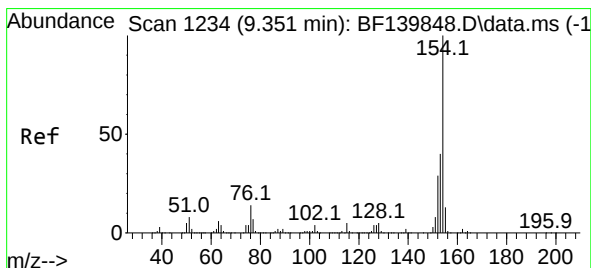
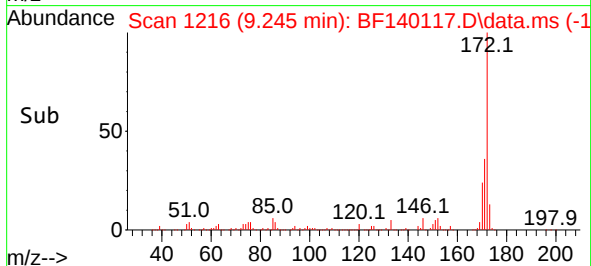
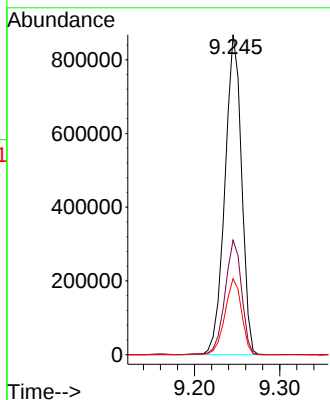
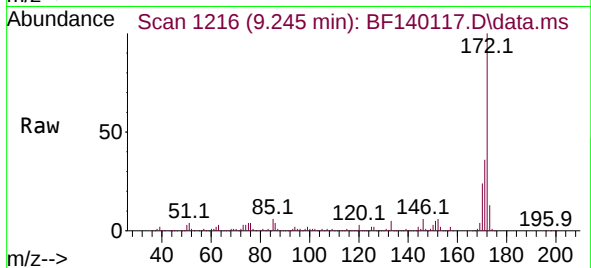
Tgt Ion:172 Resp: 1181553

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 45.004 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

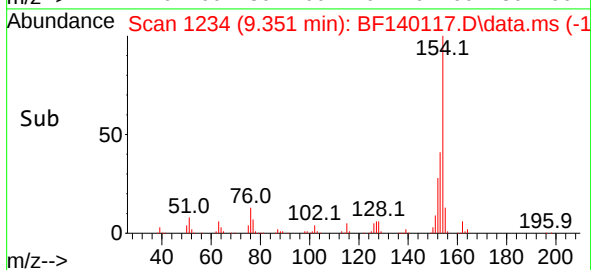
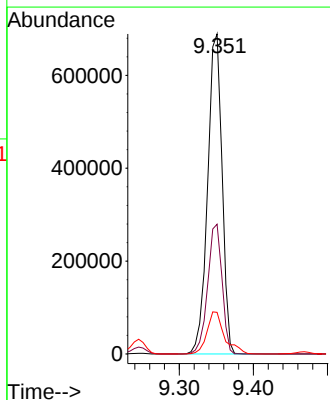
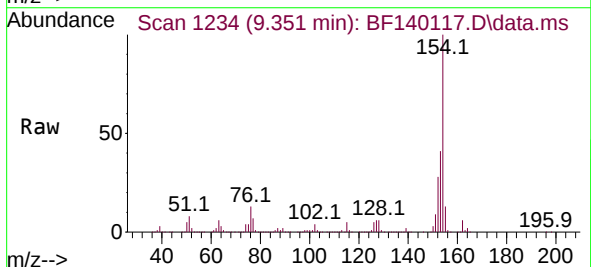
Tgt Ion:154 Resp: 931325

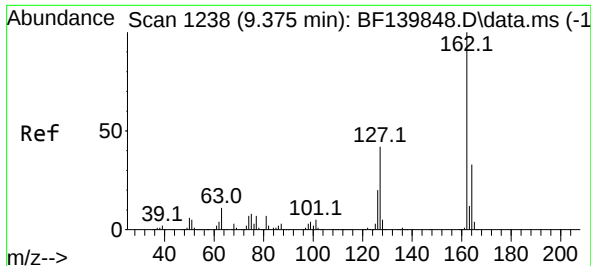
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.0 0.0 33.9





#47

2-Chloronaphthalene

Concen: 44.357 ng

RT: 9.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

BP-F17MS

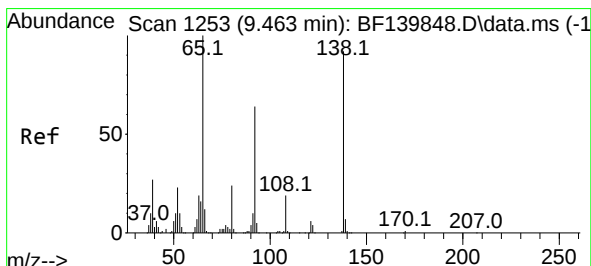
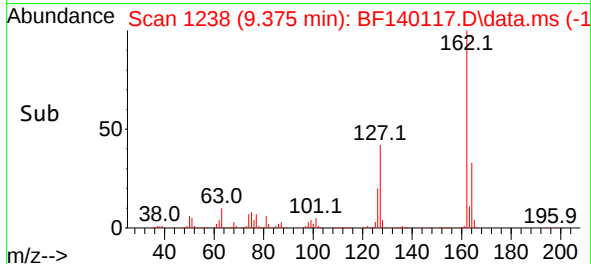
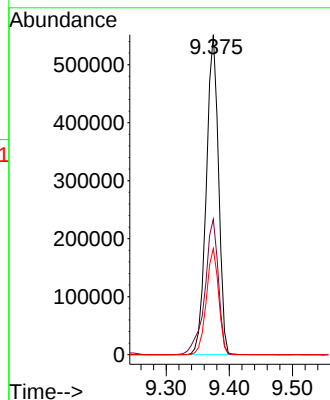
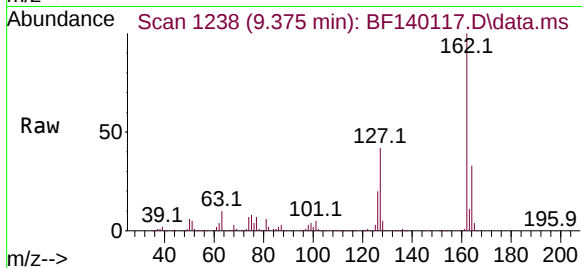
Tgt Ion:162 Resp: 739307

Ion Ratio Lower Upper

162 100

127 42.3 33.8 50.6

164 33.1 26.6 39.8



#48

2-Nitroaniline

Concen: 51.488 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

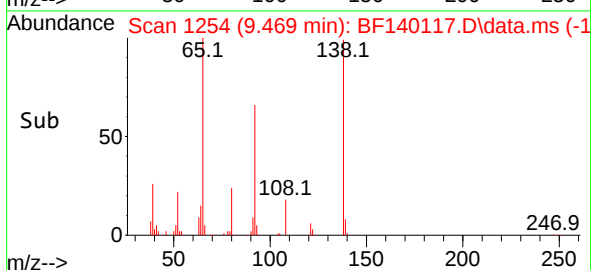
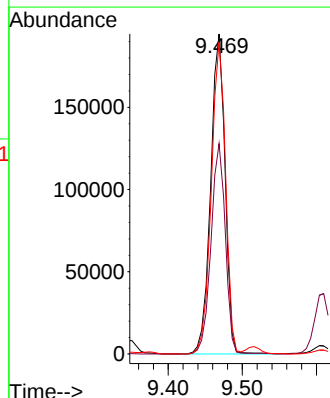
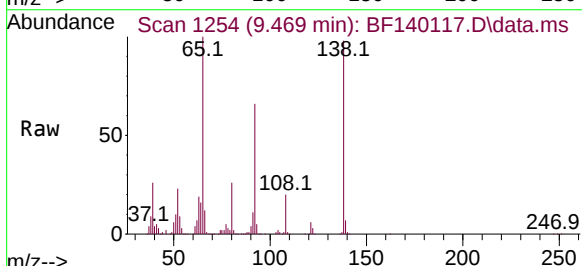
Tgt Ion: 65 Resp: 262462

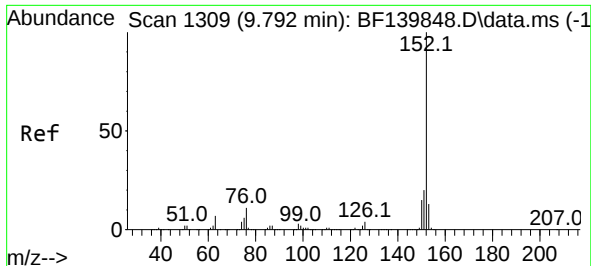
Ion Ratio Lower Upper

65 100

92 65.7 50.9 76.3

138 97.5 73.4 110.0

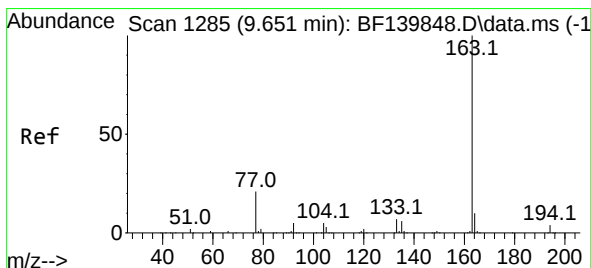
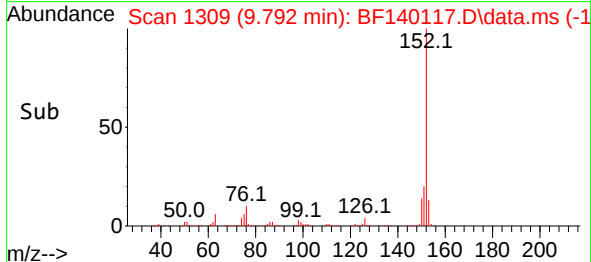
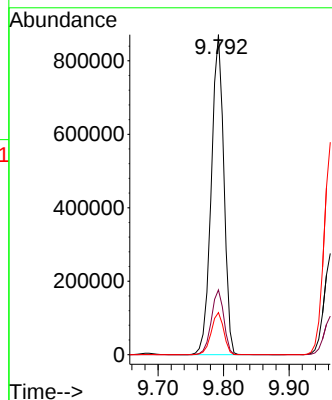
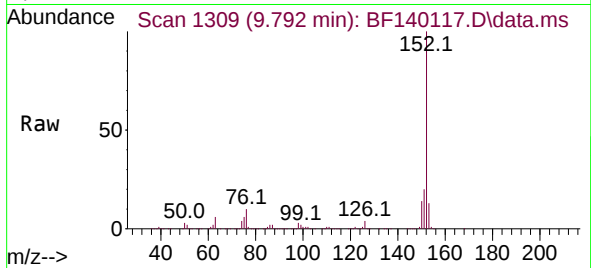




#49
Acenaphthylene
Concen: 48.175 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

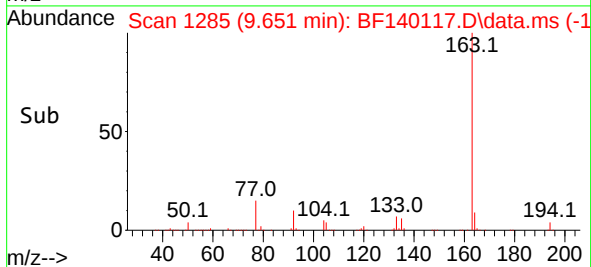
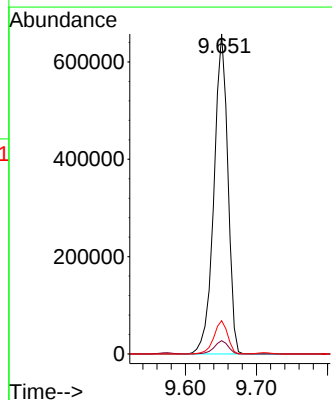
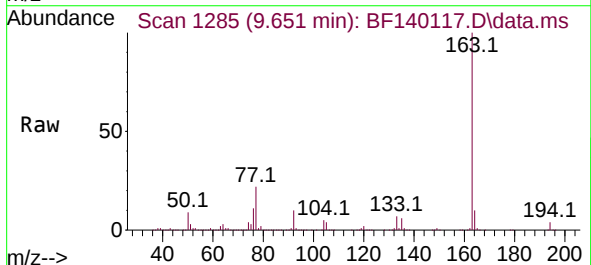
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

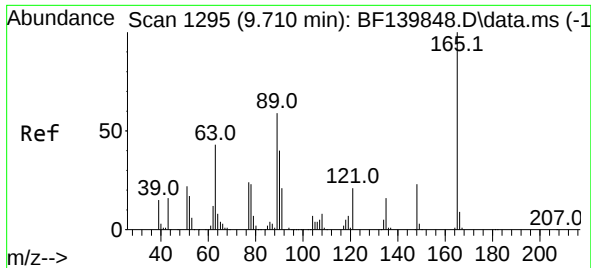
Tgt Ion:152 Resp: 1160830
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.2 10.7 16.1



#50
Dimethylphthalate
Concen: 48.231 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:163 Resp: 893048
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.4 8.2 12.2

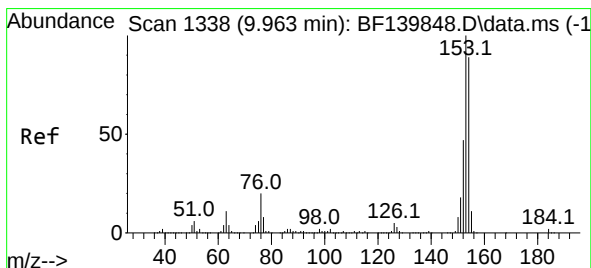
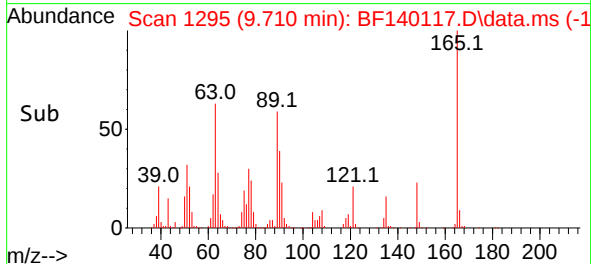
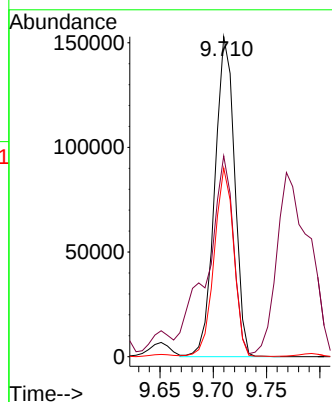
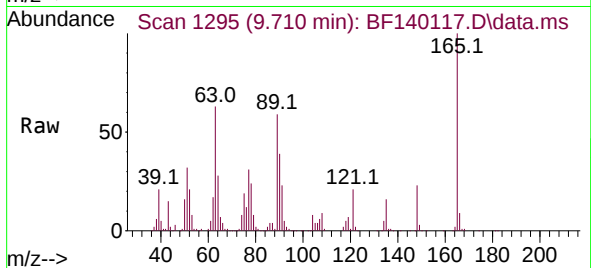




#51
2,6-Dinitrotoluene
Concen: 49.285 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

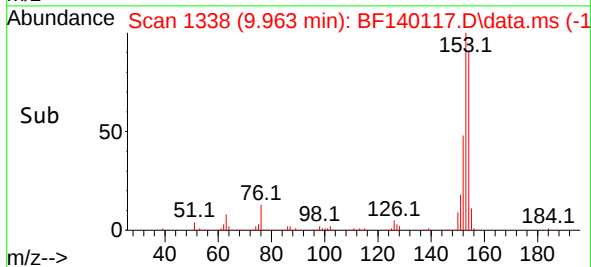
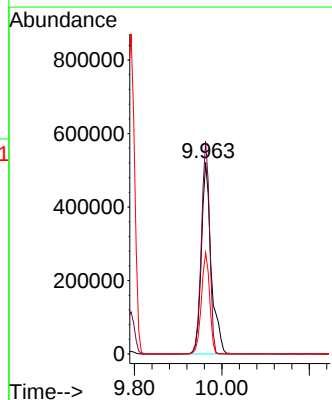
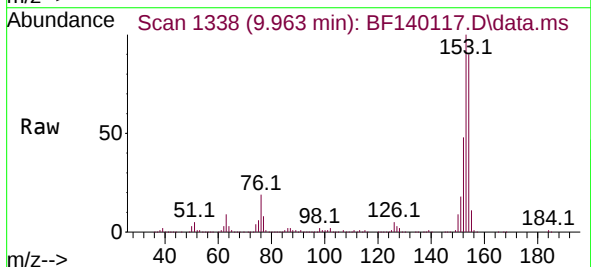
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

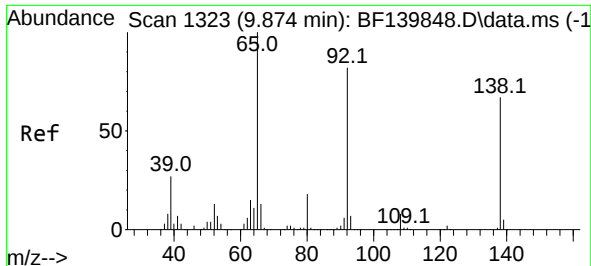
Tgt Ion:165 Resp: 197589
Ion Ratio Lower Upper
165 100
63 62.8 50.6 75.8
89 59.0 47.5 71.3



#52
Acenaphthene
Concen: 52.623 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:154 Resp: 820265
Ion Ratio Lower Upper
154 100
153 111.1 89.8 134.6
152 53.0 42.4 63.6

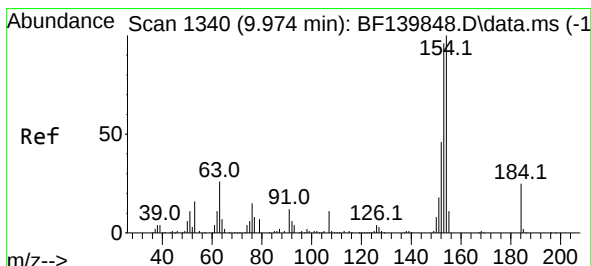
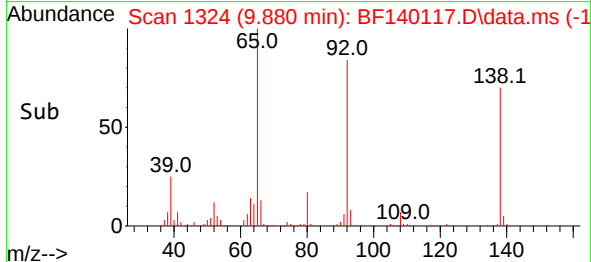
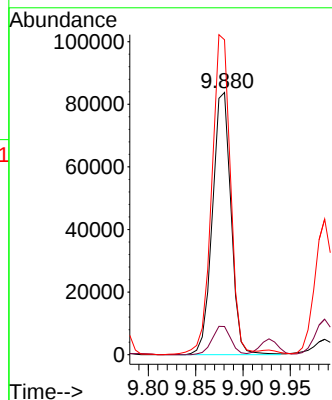
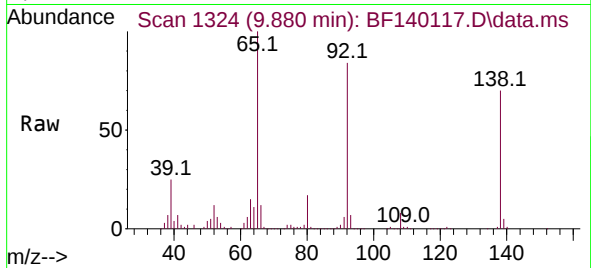




#53
3-Nitroaniline
Concen: 27.570 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

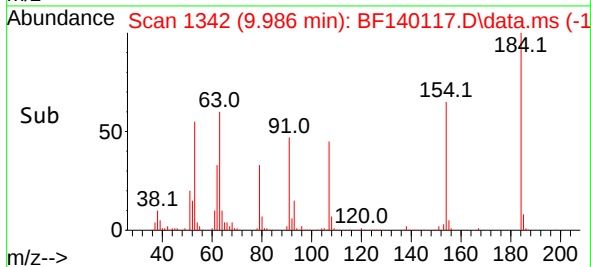
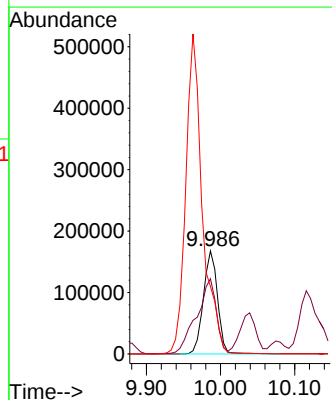
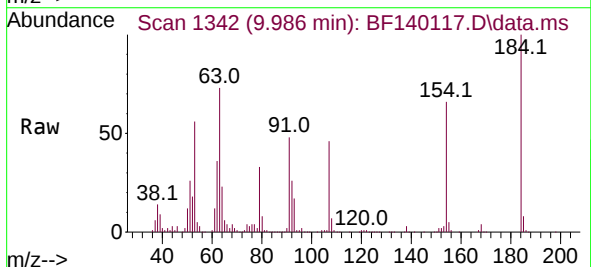
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

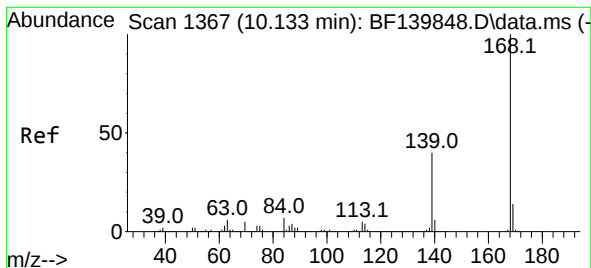
Tgt Ion:138 Resp: 113986
Ion Ratio Lower Upper
138 100
108 10.8 10.2 15.2
92 120.1 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 129.760 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:184 Resp: 223505
Ion Ratio Lower Upper
184 100
63 72.9 84.7 127.1#
154 65.6 338.2 507.2#





#55

Dibenzofuran

Concen: 45.473 ng

RT: 10.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

BP-F17MS

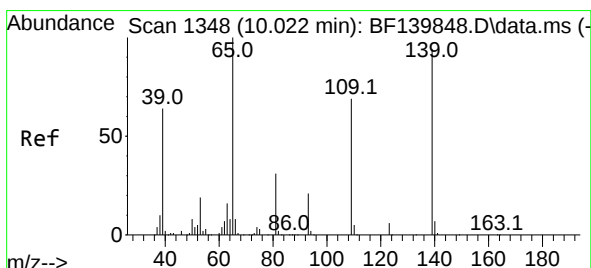
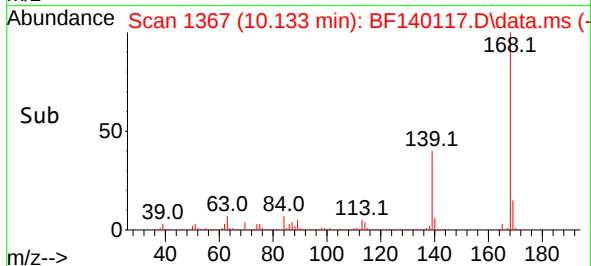
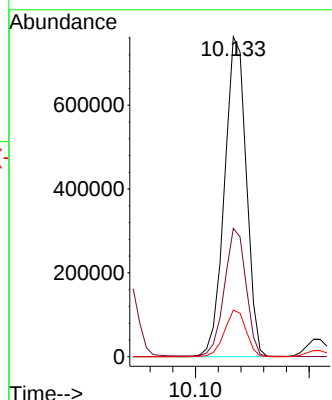
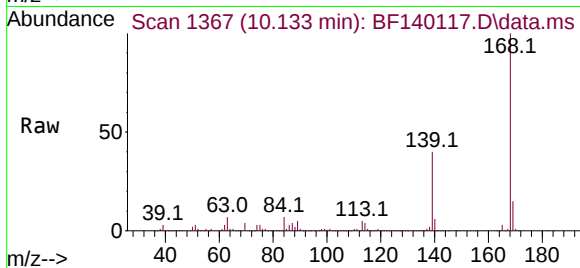
Tgt Ion:168 Resp: 1016974

Ion Ratio Lower Upper

168 100

139 40.1 31.8 47.6

169 14.6 11.6 17.4



#56

4-Nitrophenol

Concen: 95.726 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.018 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

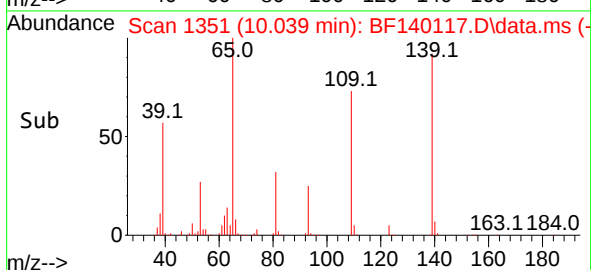
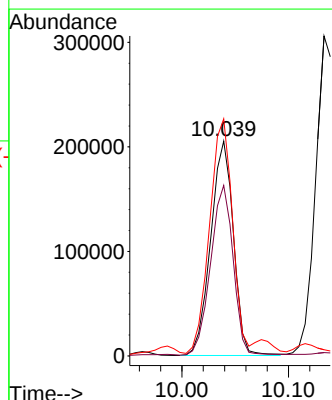
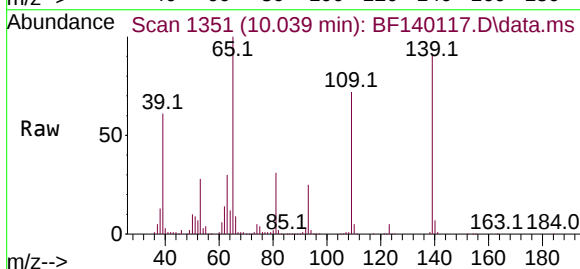
Tgt Ion:139 Resp: 304483

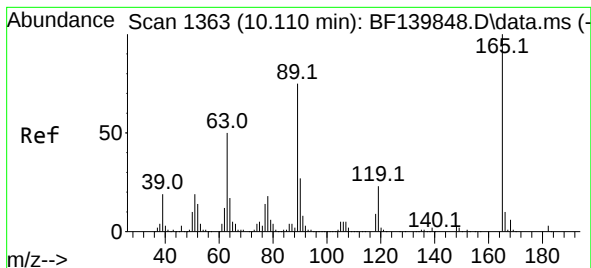
Ion Ratio Lower Upper

139 100

109 79.4 53.6 93.6

65 110.4 87.8 127.8

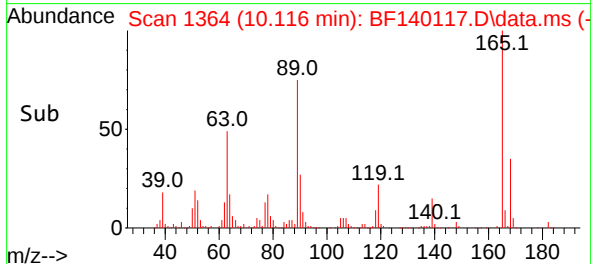
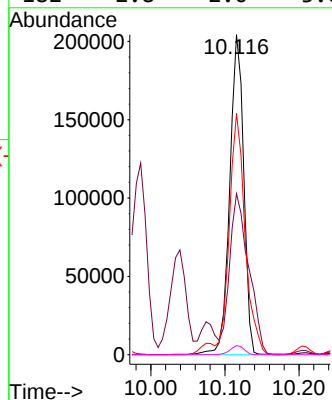
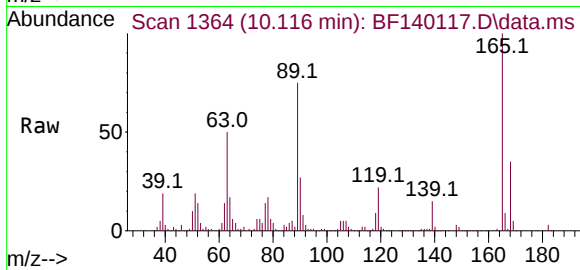




#57
2,4-Dinitrotoluene
Concen: 54.178 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

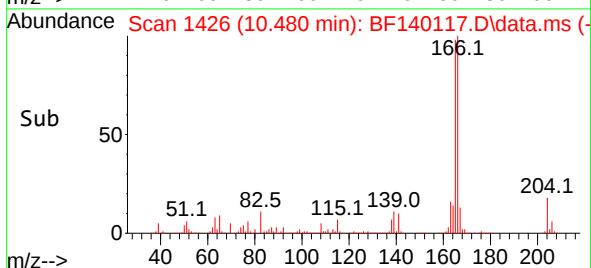
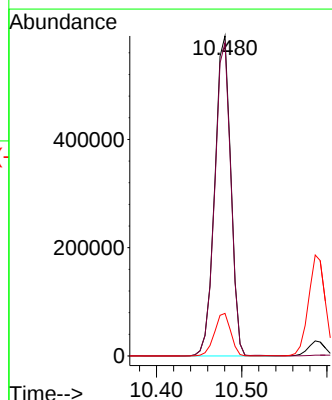
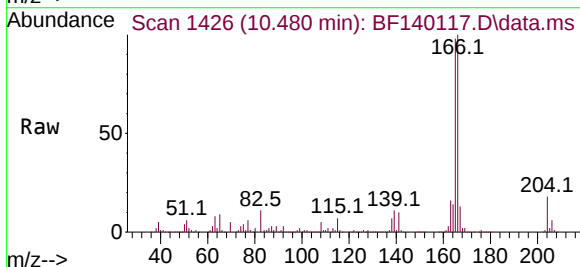
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

Tgt Ion:165 Resp: 267104
Ion Ratio Lower Upper
165 100
63 50.3 40.1 60.1
89 75.4 60.4 90.6
182 2.8 2.0 3.0



#58
Fluorene
Concen: 45.582 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

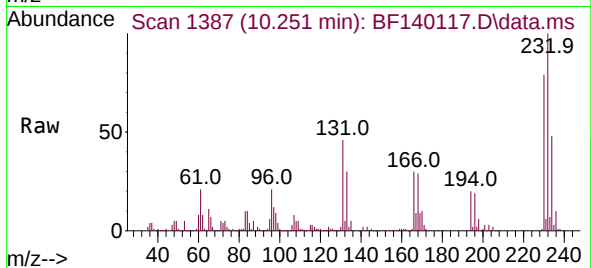
Tgt Ion:166 Resp: 776440
Ion Ratio Lower Upper
166 100
165 97.8 78.5 117.7
167 13.3 10.9 16.3



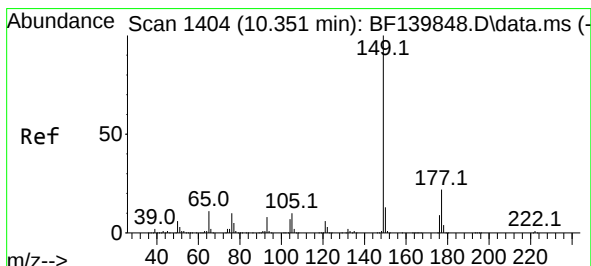
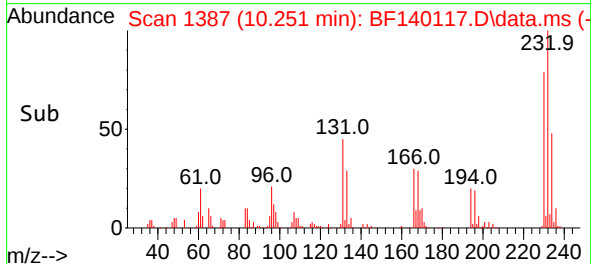
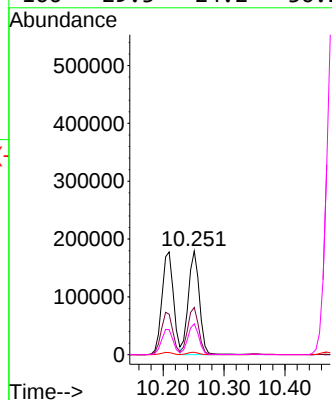


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.477 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Instrument :
BNA_F
ClientSampleId :
BP-F17MS

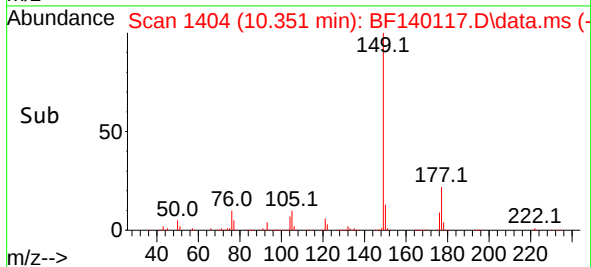
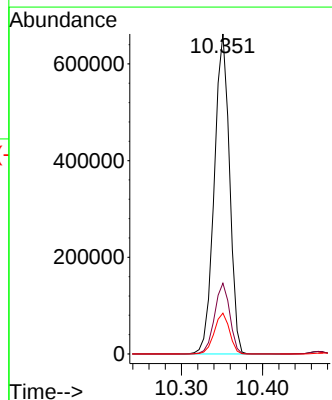
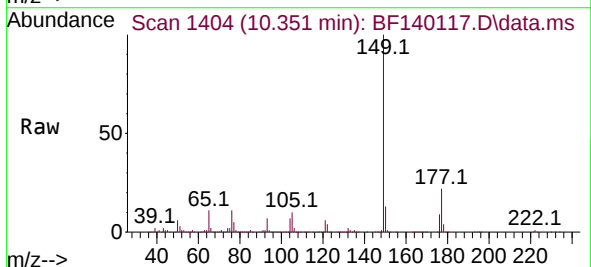


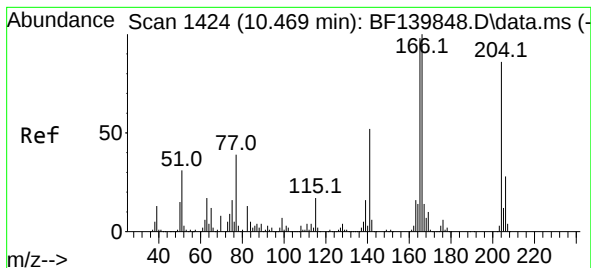
Tgt Ion:232 Resp: 227213
Ion Ratio Lower Upper
232 100
131 45.7 37.0 55.6
130 2.4 1.9 2.9
166 29.3 24.2 36.2



#60
Diethylphthalate
Concen: 47.564 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:149 Resp: 864712
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.7 10.1 15.1

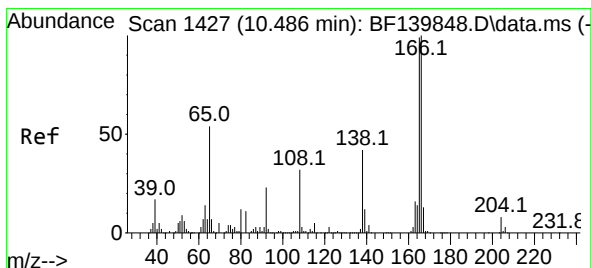
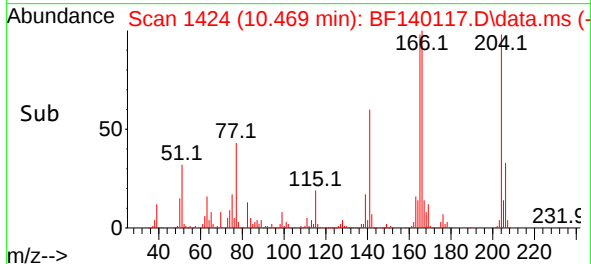
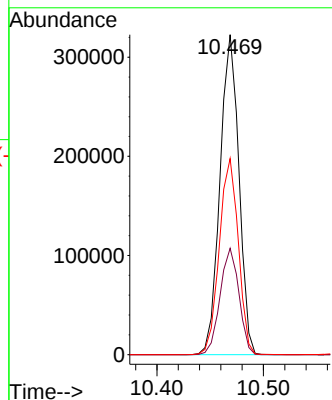
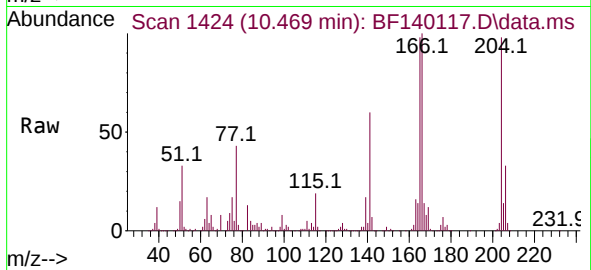




#61
4-Chlorophenyl-phenylether
Concen: 46.102 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

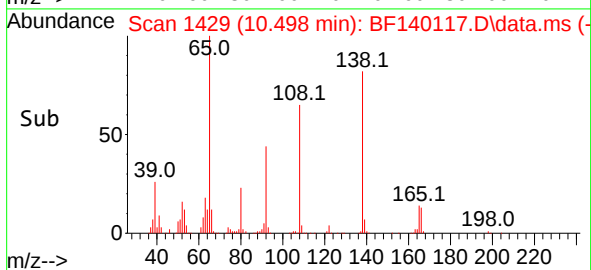
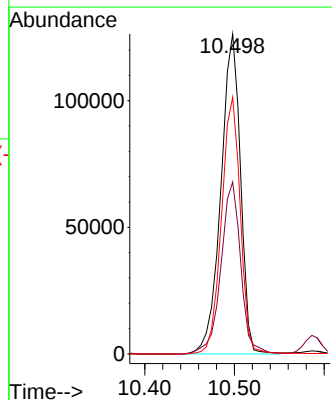
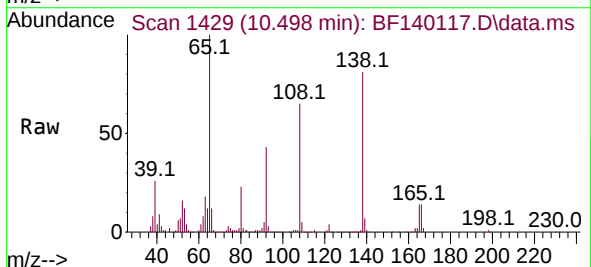
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

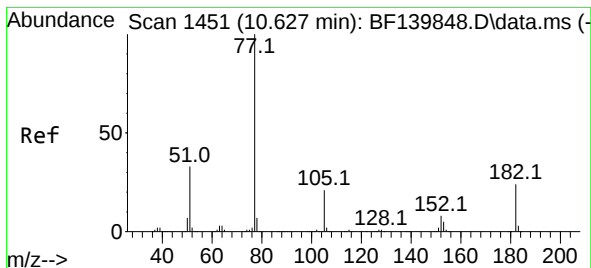
Tgt Ion:204 Resp: 396579
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 61.3 48.6 73.0



#62
4-Nitroaniline
Concen: 49.023 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:138 Resp: 191421
Ion Ratio Lower Upper
138 100
92 53.7 35.7 75.7
108 80.2 57.5 97.5





#63

Azobenzene

Concen: 51.140 ng

RT: 10.627 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

BP-F17MS

Tgt Ion: 77 Resp: 985665

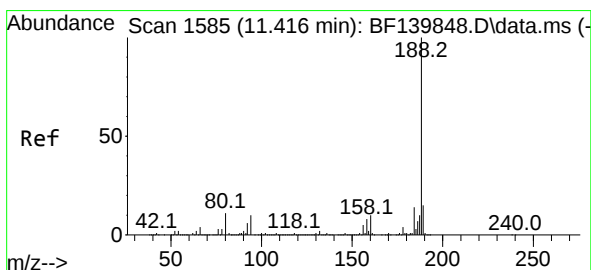
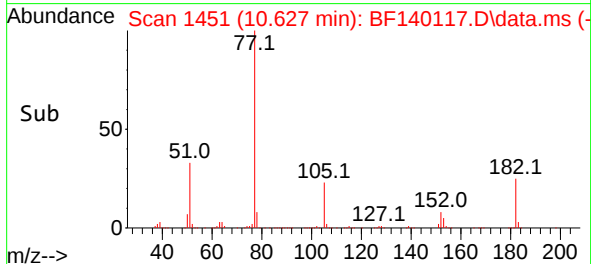
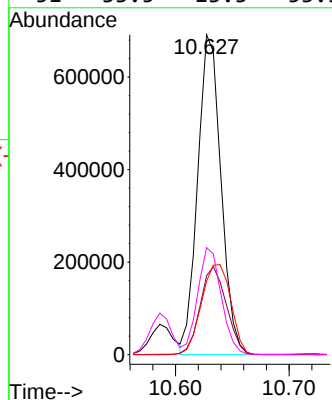
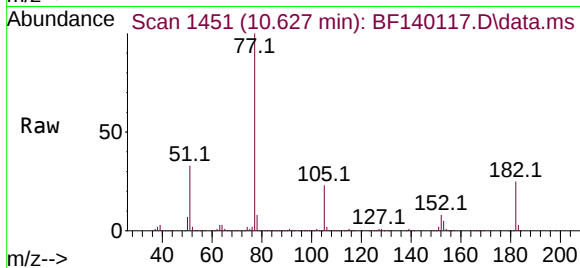
Ion Ratio Lower Upper

77 100

182 24.6 3.3 43.3

105 23.0 1.2 41.2

51 33.5 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

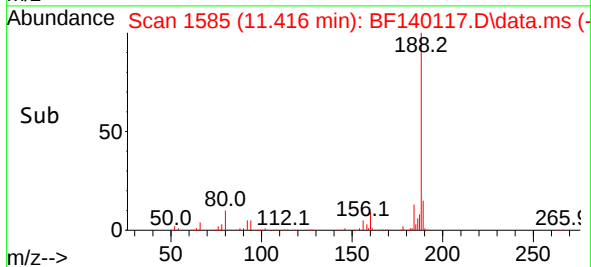
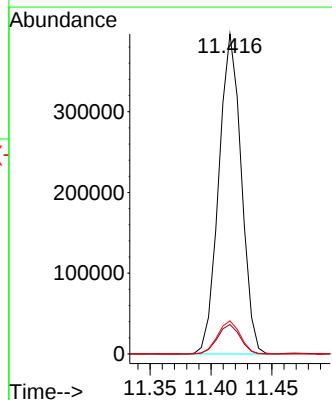
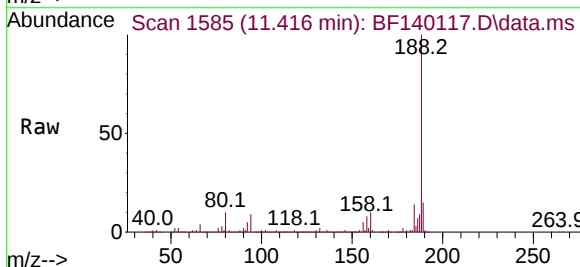
Tgt Ion: 188 Resp: 510240

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

80 10.4 9.0 13.4

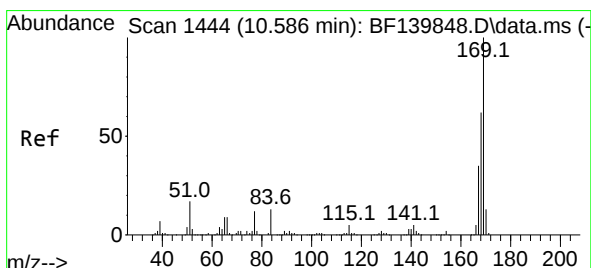
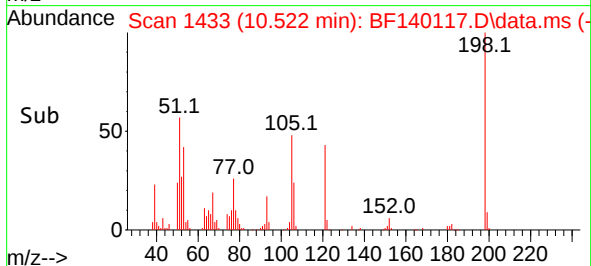
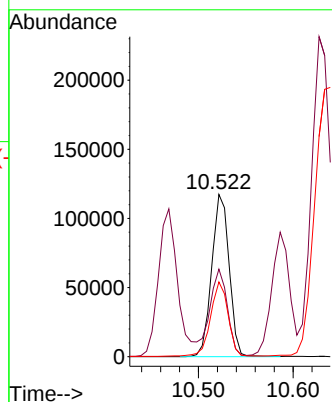
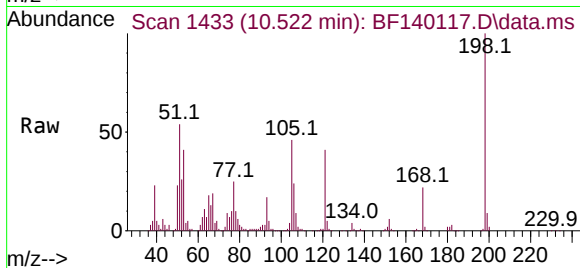




#65
4,6-Dinitro-2-methylphenol
Concen: 71.883 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

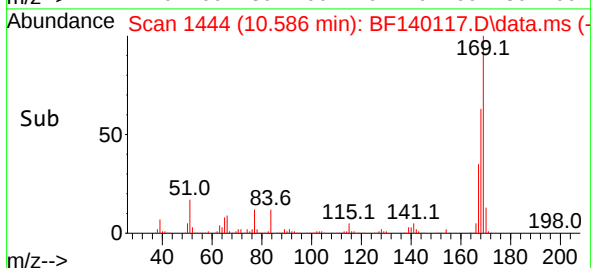
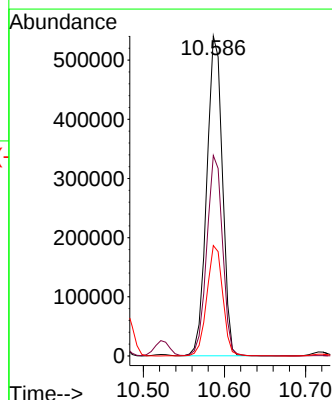
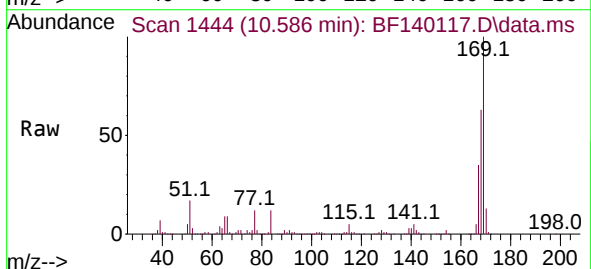
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

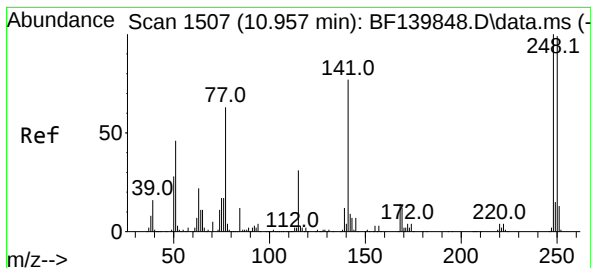
Tgt Ion:198 Resp: 149607
Ion Ratio Lower Upper
198 100
51 53.9 38.2 78.2
105 46.0 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 47.166 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:169 Resp: 720288
Ion Ratio Lower Upper
169 100
168 62.7 49.8 74.6
167 34.5 28.0 42.0

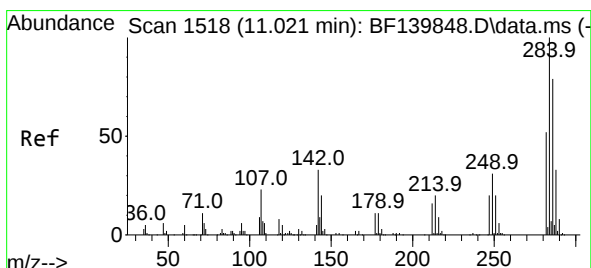
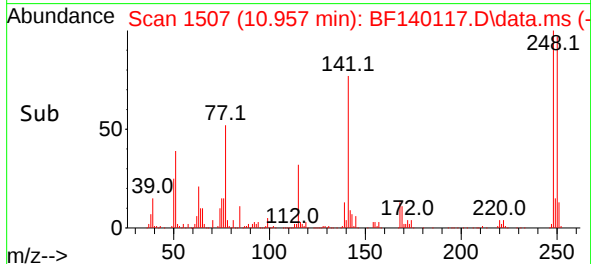
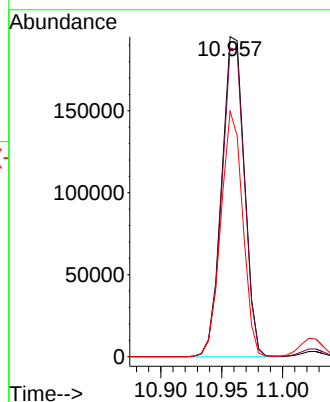
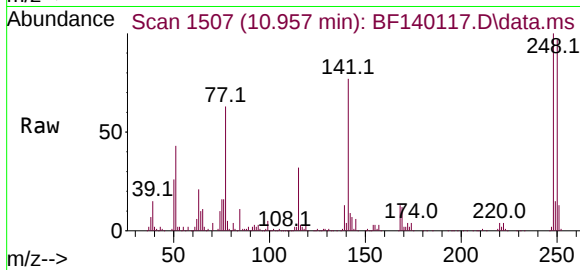




#67
4-Bromophenyl-phenylether
Concen: 48.260 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

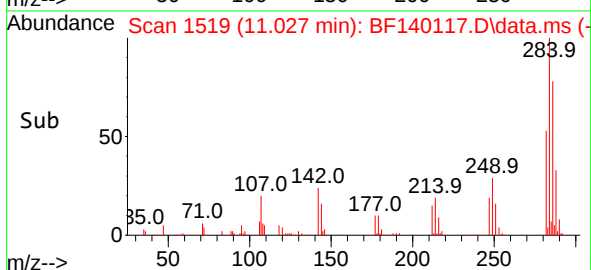
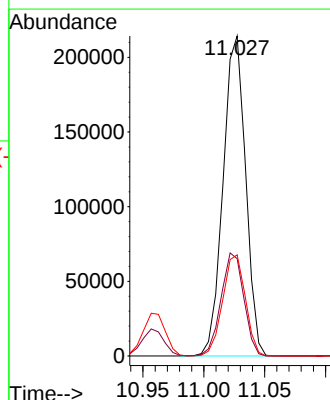
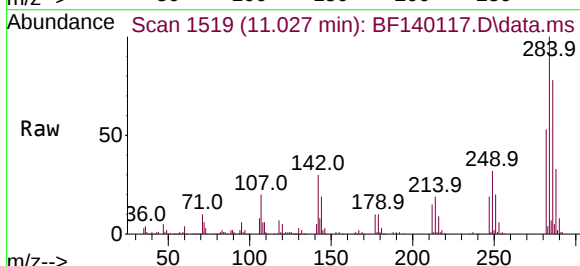
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

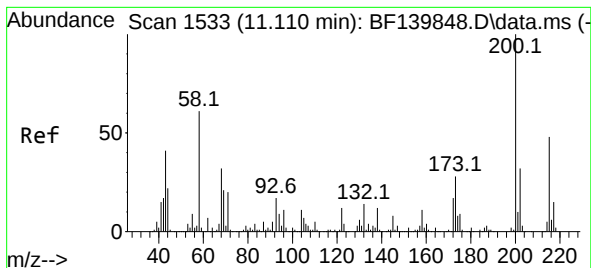
Tgt Ion:248 Resp: 253675
Ion Ratio Lower Upper
248 100
250 96.5 79.0 118.6
141 76.7 61.7 92.5



#68
Hexachlorobenzene
Concen: 46.642 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:284 Resp: 275732
Ion Ratio Lower Upper
284 100
142 30.4 26.9 40.3
249 31.6 25.3 37.9





#69

Atrazine

Concen: 57.020 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

BP-F17MS

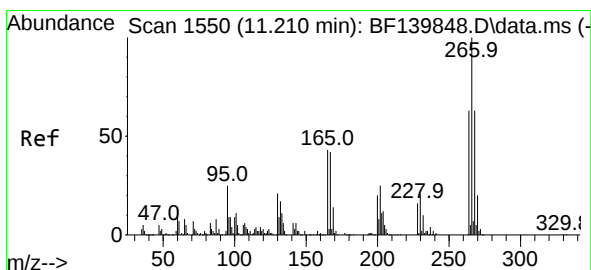
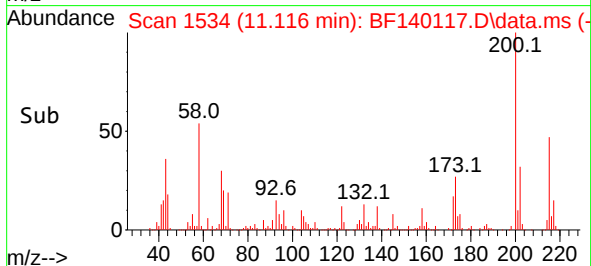
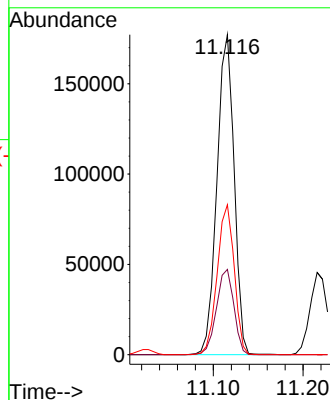
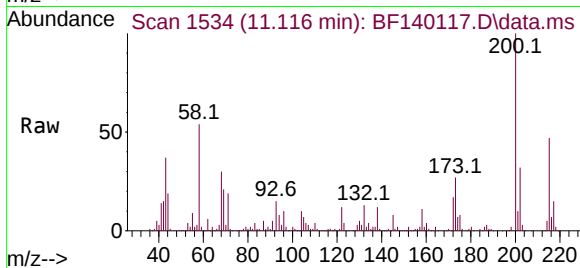
Tgt Ion:200 Resp: 235880

Ion Ratio Lower Upper

200 100

173 26.7 7.7 47.7

215 46.8 27.7 67.7



#70

Pentachlorophenol

Concen: 92.899 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

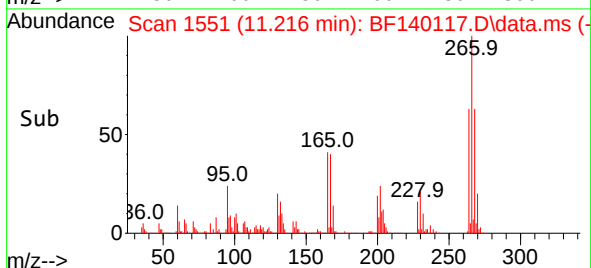
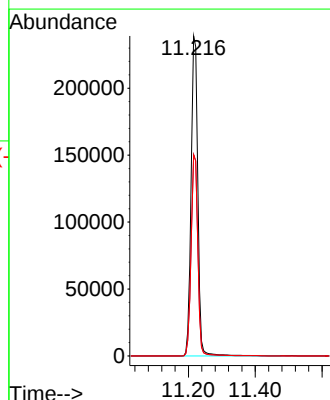
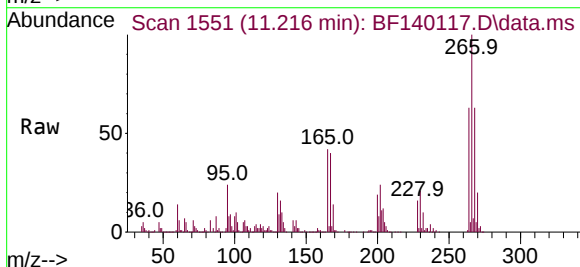
Tgt Ion:266 Resp: 333310

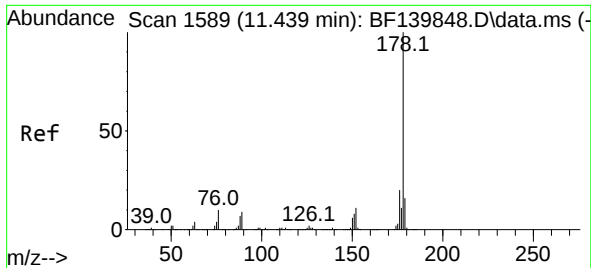
Ion Ratio Lower Upper

266 100

268 62.9 50.4 75.6

264 62.9 50.6 75.8

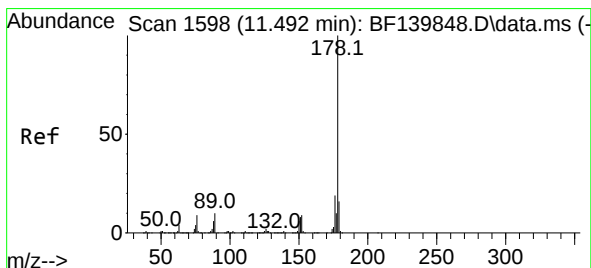
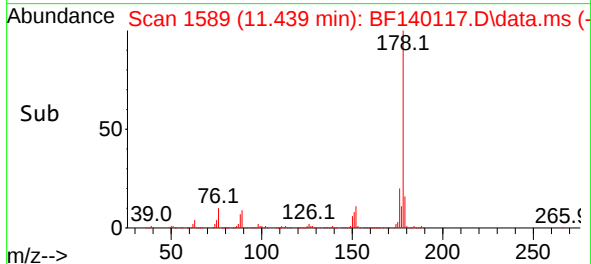
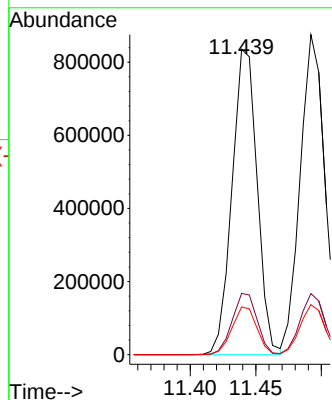
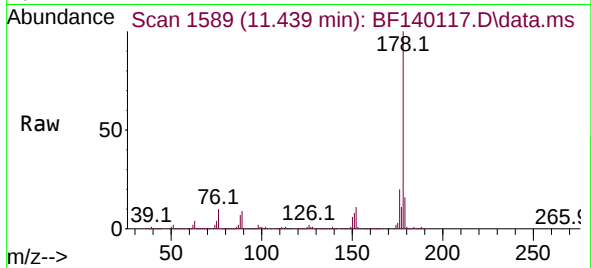




#71
Phenanthrene
Concen: 46.325 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

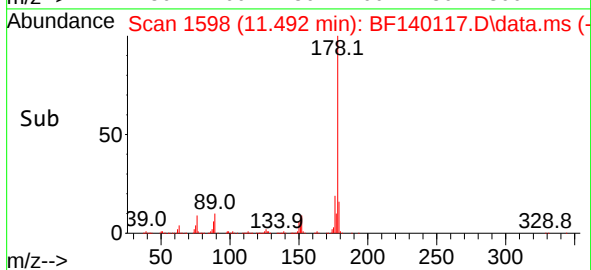
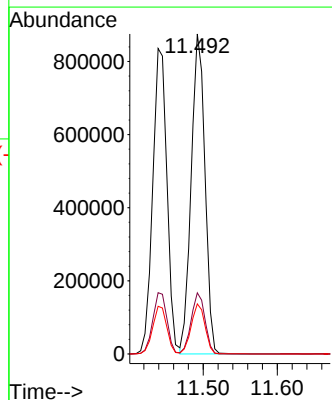
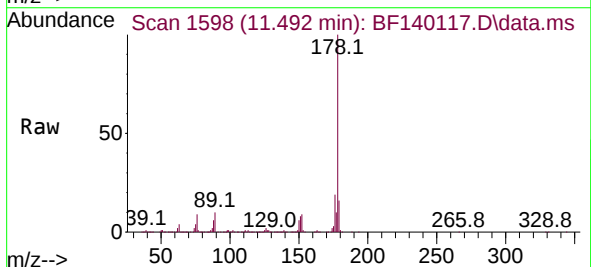
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

Tgt Ion:178 Resp: 1116509
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 15.6 12.6 18.8



#72
Anthracene
Concen: 47.942 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:178 Resp: 1127394
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.7 12.4 18.6





#73

Carbazole

Concen: 43.663 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

BP-F17MS

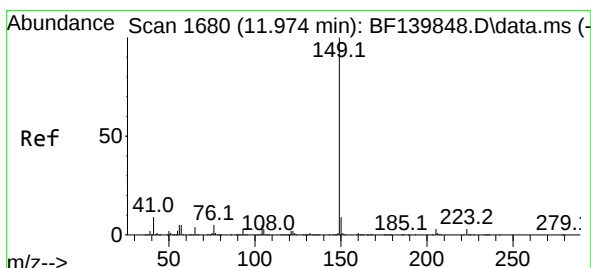
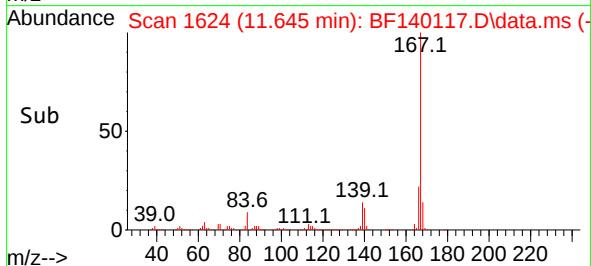
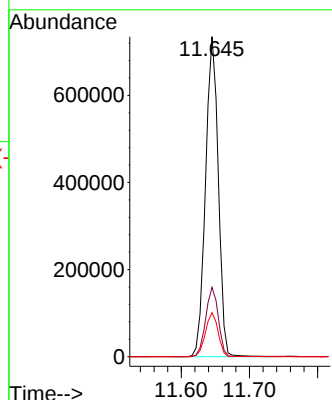
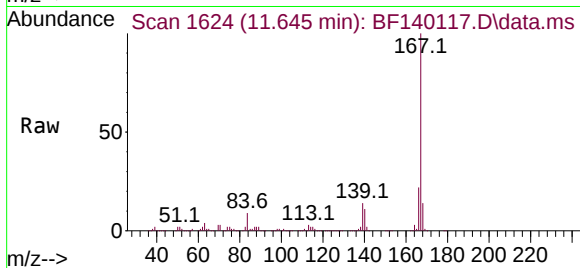
Tgt Ion:167 Resp: 954916

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 13.8 10.8 16.2



#74

Di-n-butylphthalate

Concen: 49.177 ng

RT: 11.974 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

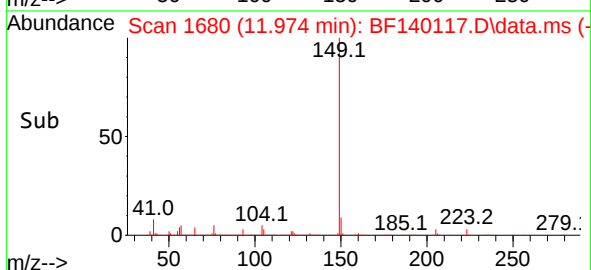
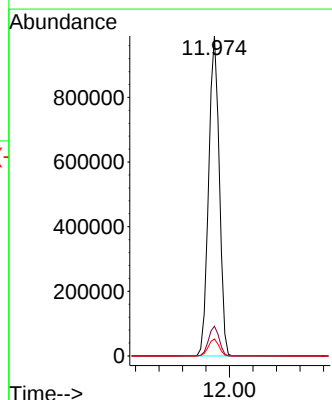
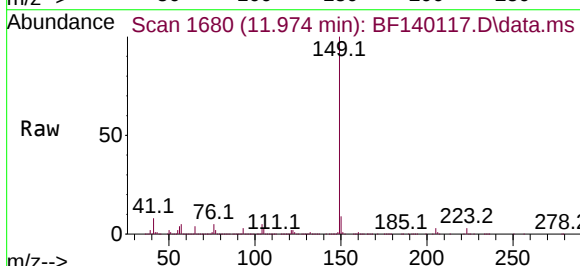
Tgt Ion:149 Resp: 1242558

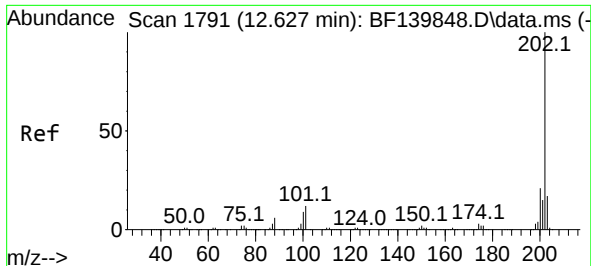
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.3 4.1 6.1

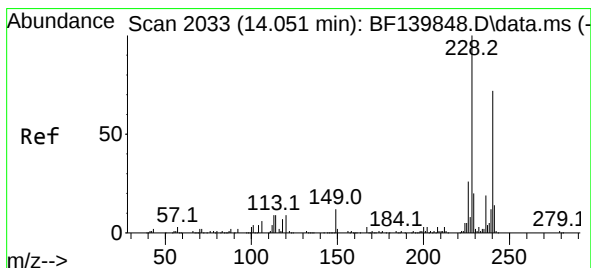
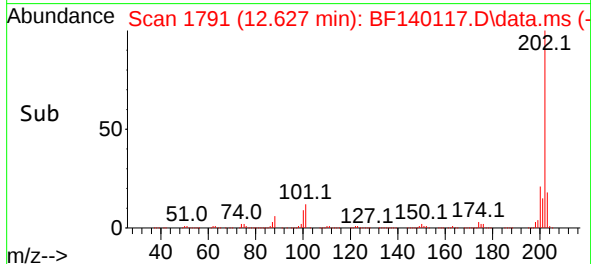
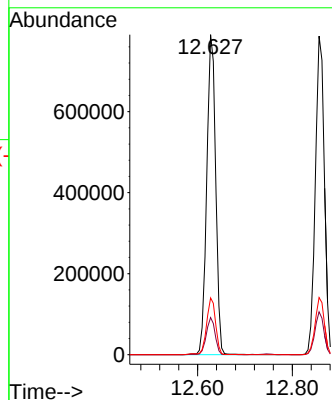
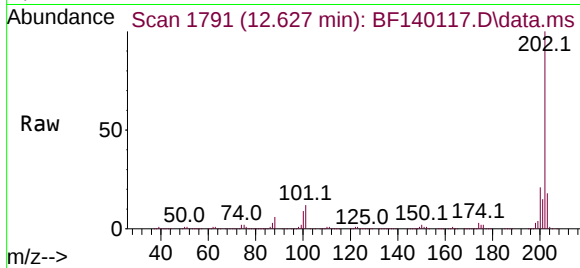




#75
Fluoranthene
Concen: 42.573 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

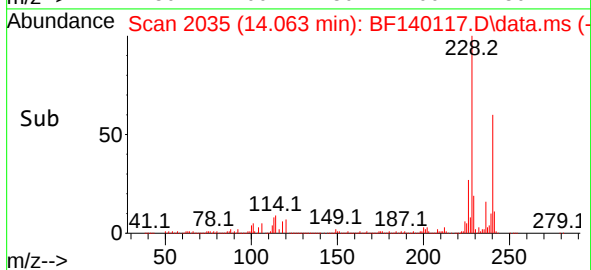
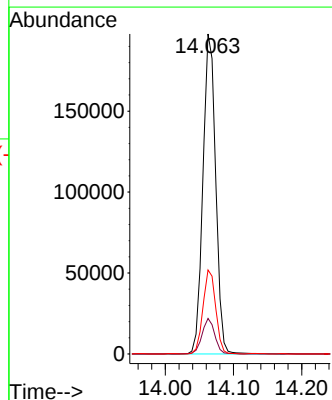
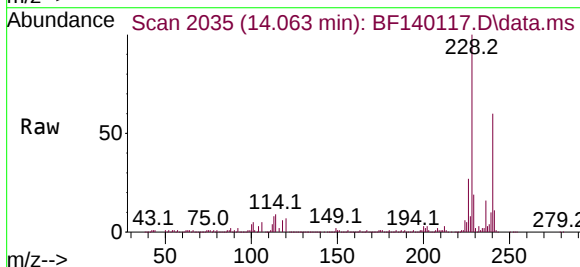
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

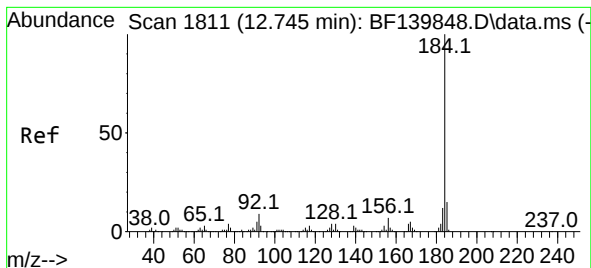
Tgt Ion:202 Resp: 1037271
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.9
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:240 Resp: 257285
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 26.3 20.9 31.3





#77

Benzidine

Concen: 72.471 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

BP-F17MS

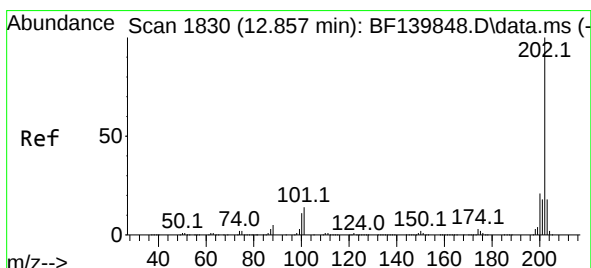
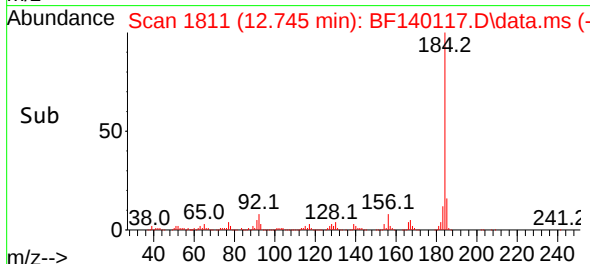
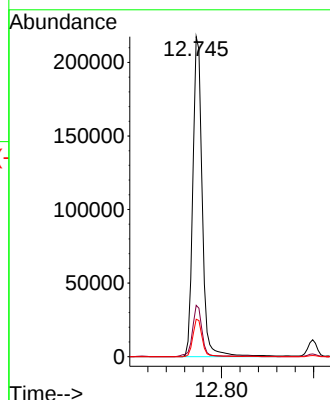
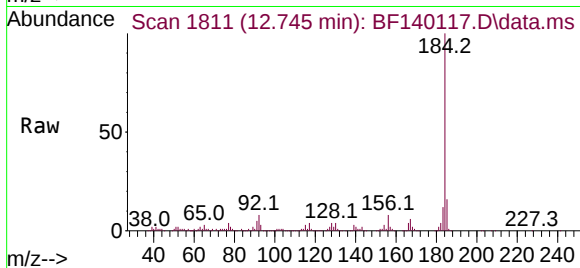
Tgt Ion:184 Resp: 306598

Ion Ratio Lower Upper

184 100

185 16.1 12.0 18.0

183 11.7 9.4 14.2



#78

Pyrene

Concen: 46.264 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

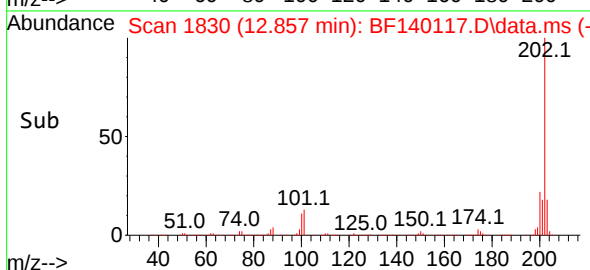
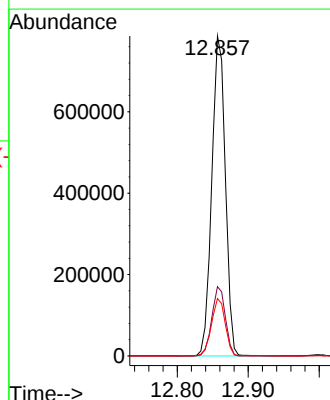
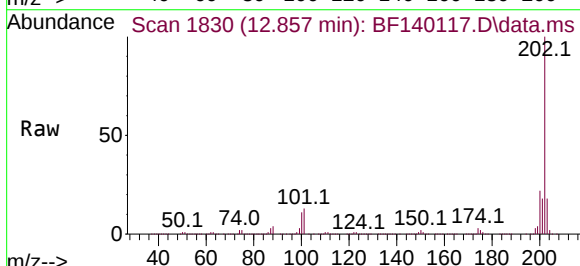
Tgt Ion:202 Resp: 1041912

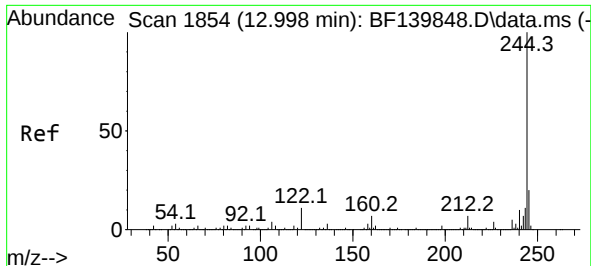
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 17.9 14.2 21.4

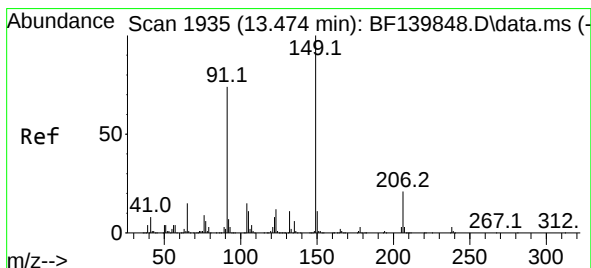
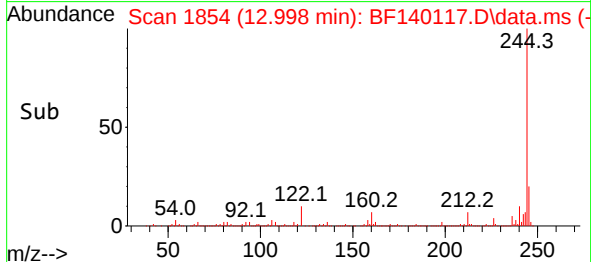
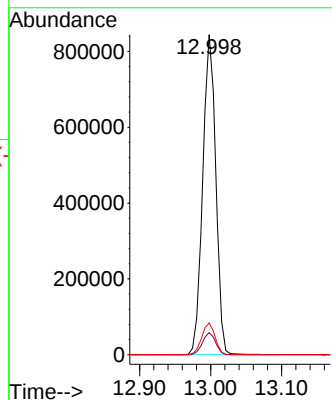
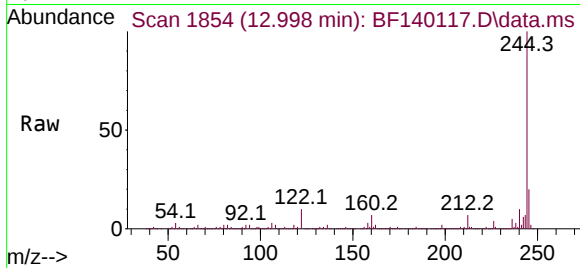




#79
 Terphenyl-d14
 Concen: 68.582 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140117.D
 Acq: 29 Oct 2024 17:45

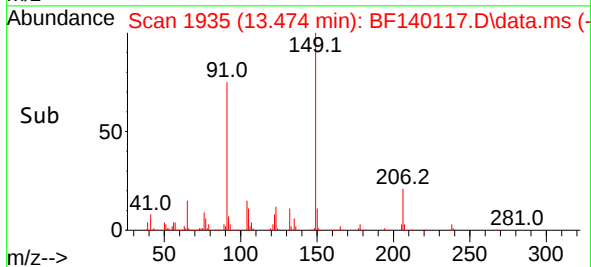
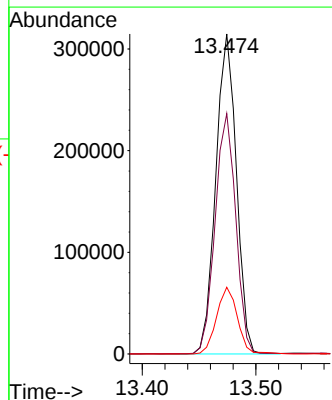
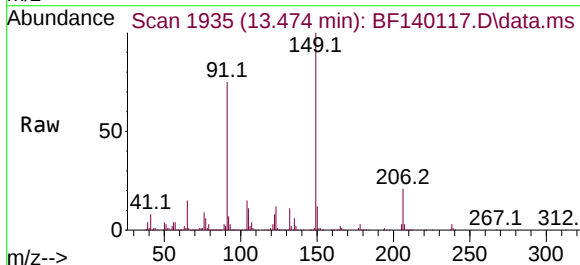
Instrument :
 BNA_F
 ClientSampleId :
 BP-F17MS

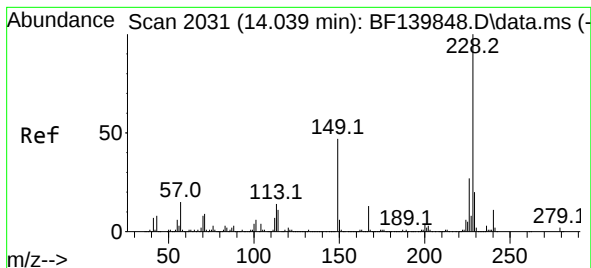
Tgt Ion:244 Resp: 1082872
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.9 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 58.807 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF140117.D
 Acq: 29 Oct 2024 17:45

Tgt Ion:149 Resp: 397058
 Ion Ratio Lower Upper
 149 100
 91 75.1 59.4 89.2
 206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 48.336 ng

RT: 14.051 min Scan# 2031

Delta R.T. 0.012 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

BP-F17MS

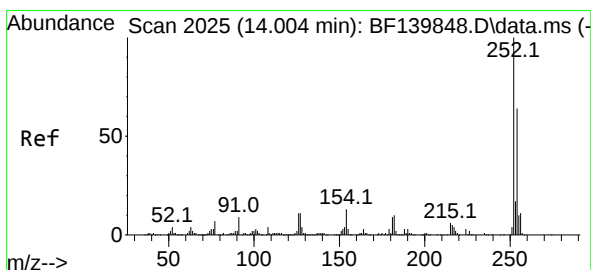
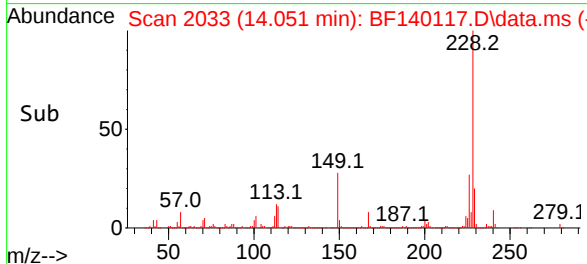
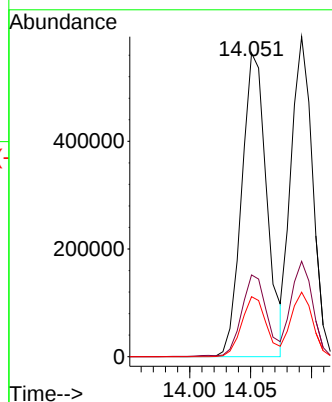
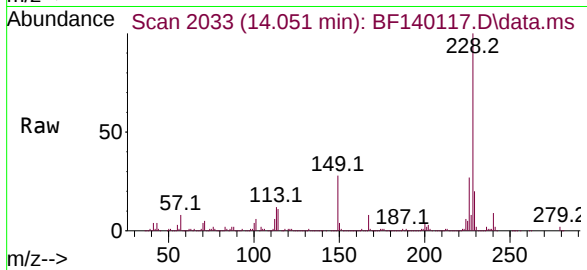
Tgt Ion:228 Resp: 809554

Ion Ratio Lower Upper

228 100

226 26.9 21.6 32.4

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 34.975 ng

RT: 14.015 min Scan# 2027

Delta R.T. 0.012 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

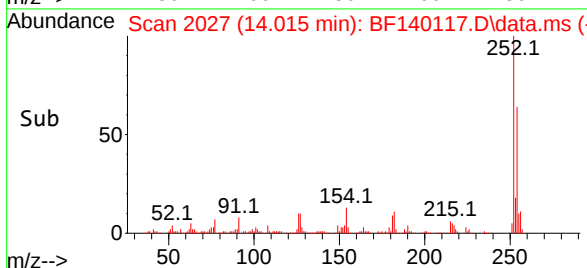
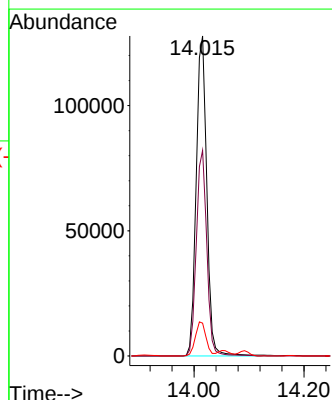
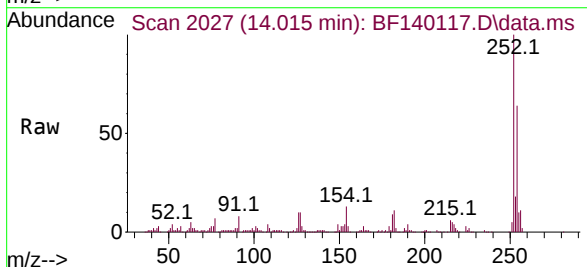
Tgt Ion:252 Resp: 170792

Ion Ratio Lower Upper

252 100

254 64.3 50.8 76.2

126 10.3 8.9 13.3





#83

Chrysene

Concen: 47.829 ng

RT: 14.092 min Scan# 2040

Delta R.T. 0.012 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

BP-F17MS

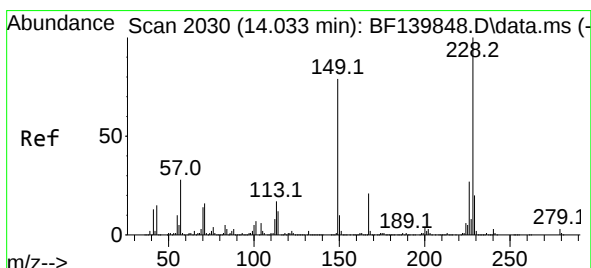
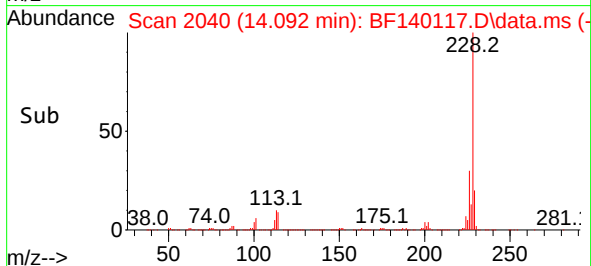
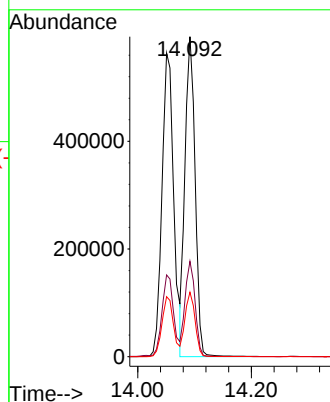
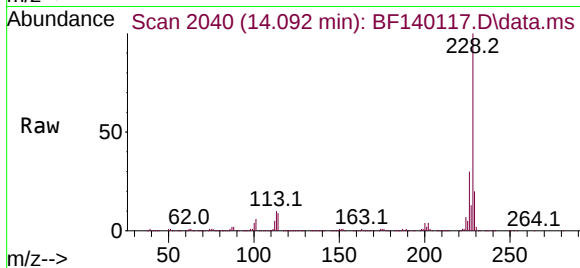
Tgt Ion:228 Resp: 734483

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 20.2 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.405 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

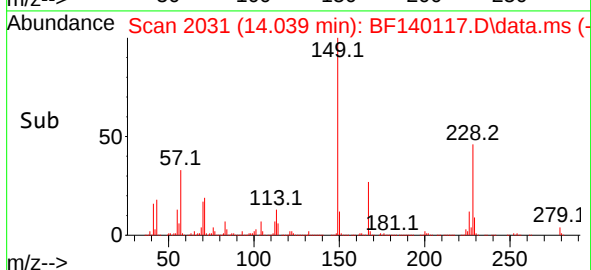
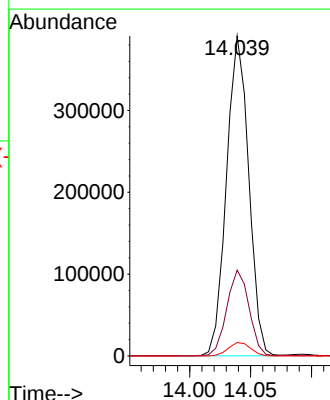
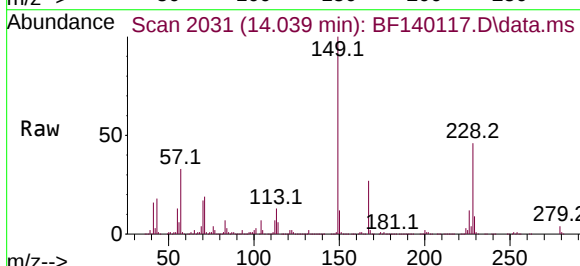
Tgt Ion:149 Resp: 495456

Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 58.858 ng

RT: 14.674 min Scan# 2135

Delta R.T. 0.023 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

BP-F17MS

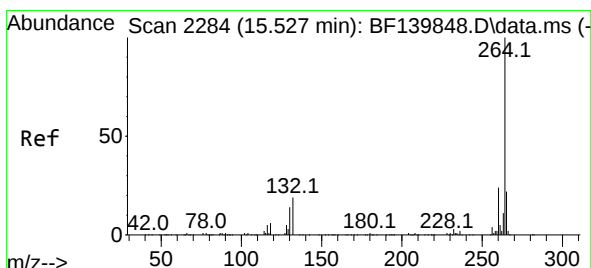
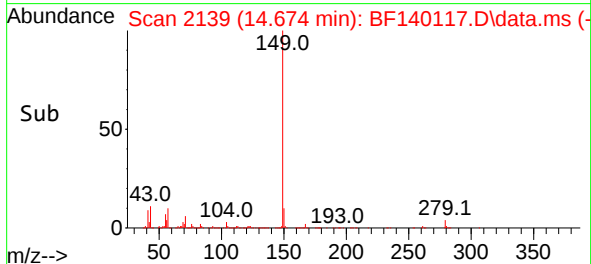
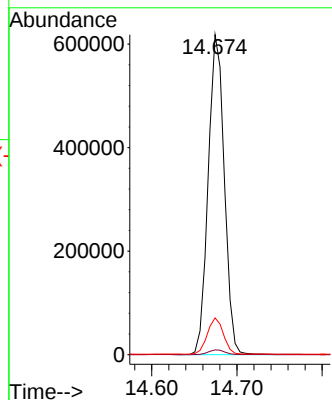
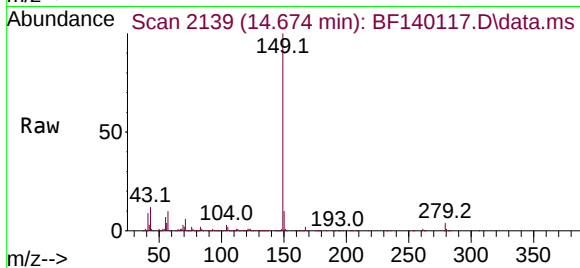
Tgt Ion:149 Resp: 810976

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.2 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2291

Delta R.T. 0.041 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

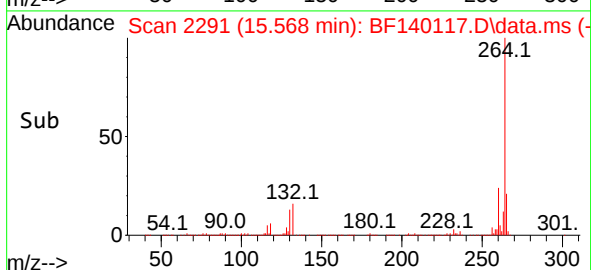
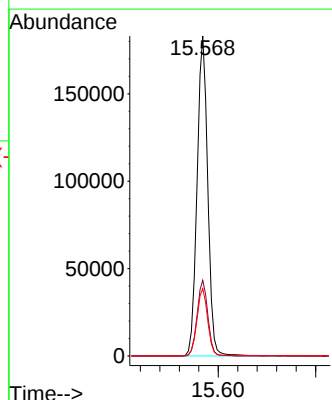
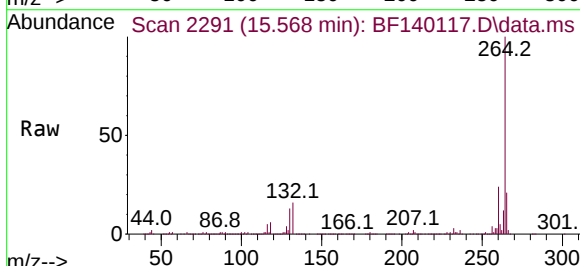
Tgt Ion:264 Resp: 279776

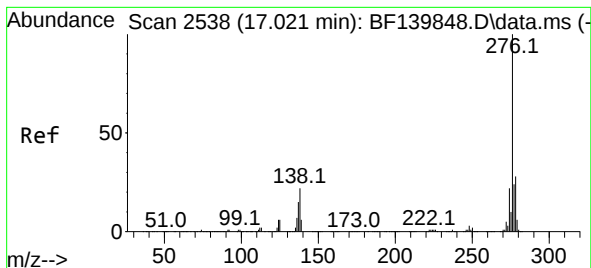
Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.699 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

Instrument :

BNA_F

ClientSampleId :

BP-F17MS

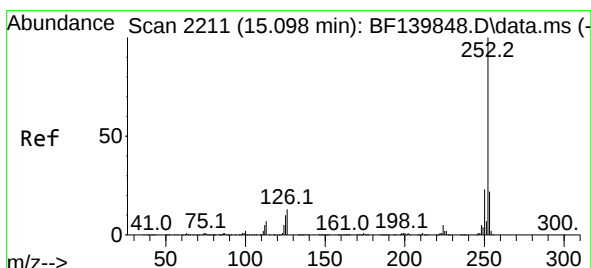
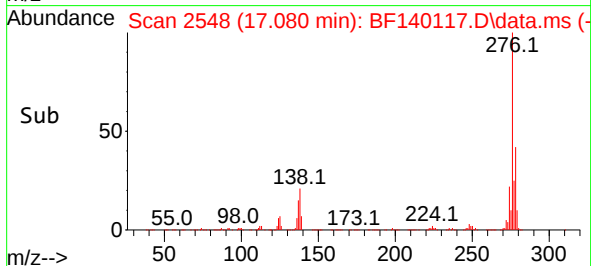
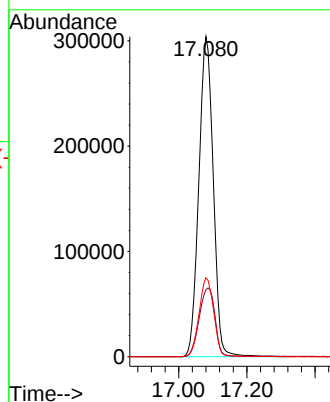
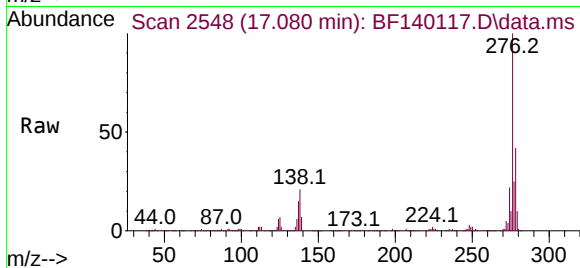
Tgt Ion:276 Resp: 894510

Ion Ratio Lower Upper

276 100

138 23.3 20.4 30.6

277 25.0 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 43.586 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.035 min

Lab File: BF140117.D

Acq: 29 Oct 2024 17:45

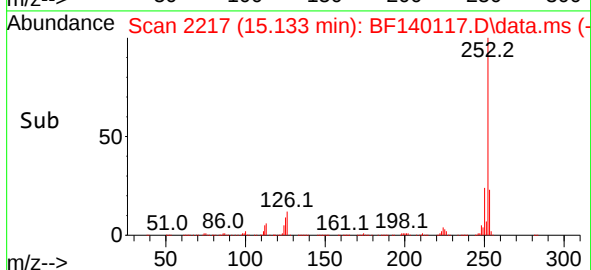
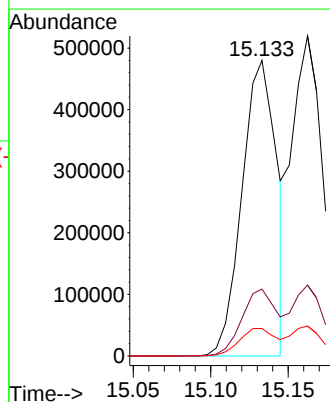
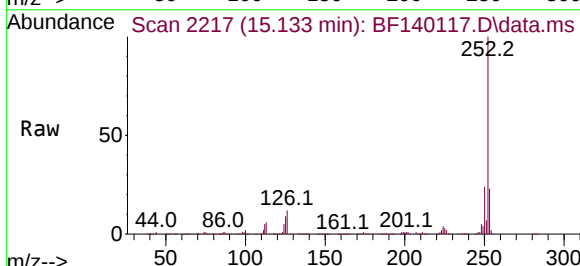
Tgt Ion:252 Resp: 742819

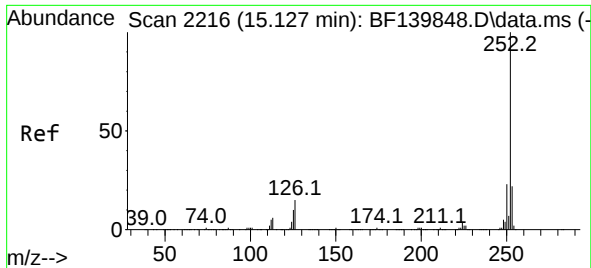
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 9.3 7.9 11.9

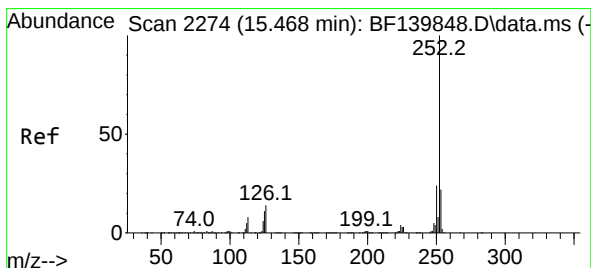
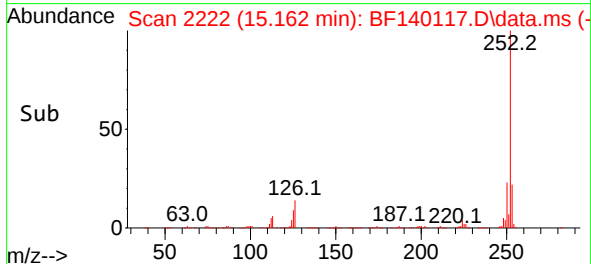
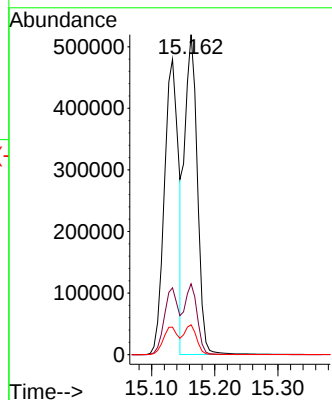
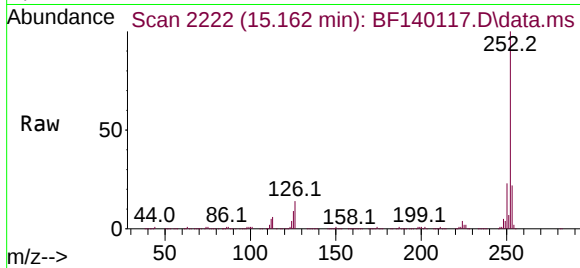




#89
Benzo(k)fluoranthene
Concen: 49.542 ng
RT: 15.162 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

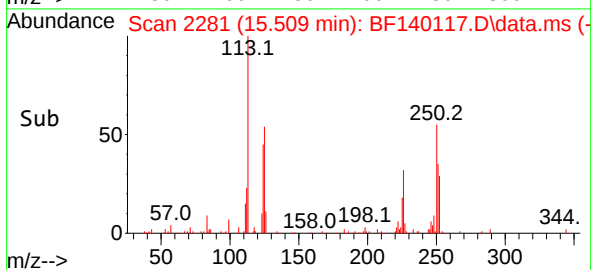
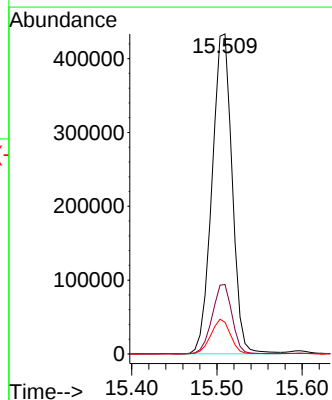
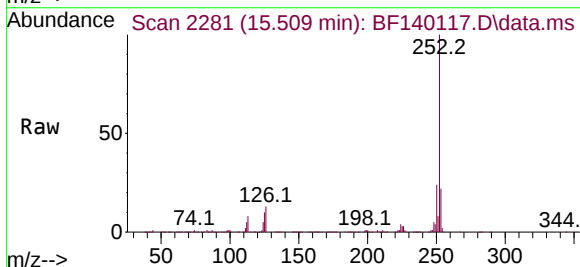
Instrument :
BNA_F
ClientSampleId :
BP-F17MS

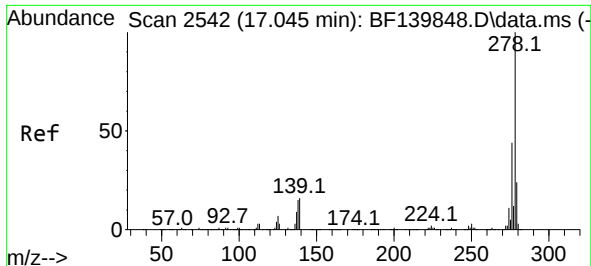
Tgt Ion:252 Resp: 728170
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.4 7.9 11.9



#90
Benzo(a)pyrene
Concen: 50.766 ng
RT: 15.509 min Scan# 2281
Delta R.T. 0.041 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:252 Resp: 711907
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.9 8.7 13.1

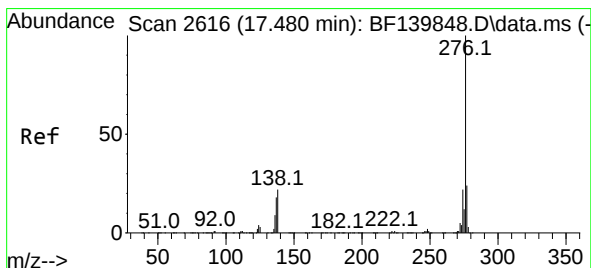
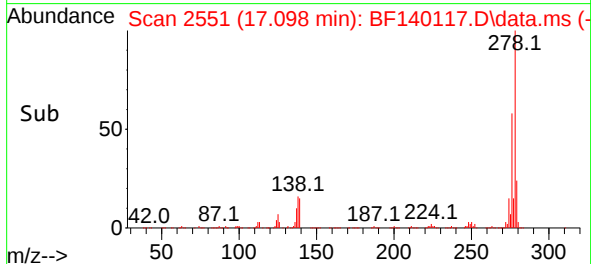
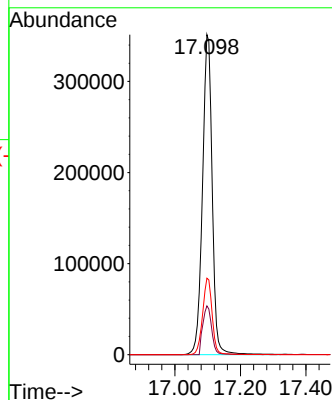
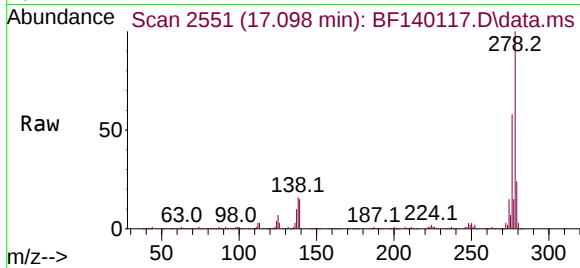




#91
Dibenzo(a,h)anthracene
Concen: 48.440 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Instrument :
BNA_F
ClientSampleId :
BP-F17MS

Tgt Ion:278 Resp: 727325
Ion Ratio Lower Upper
278 100
139 15.3 13.1 19.7
279 23.9 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 44.818 ng
RT: 17.539 min Scan# 2626
Delta R.T. 0.059 min
Lab File: BF140117.D
Acq: 29 Oct 2024 17:45

Tgt Ion:276 Resp: 672174
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 19.8 17.4 26.0

