

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140052.D
 Acq On : 26 Oct 2024 11:34
 Operator : RC/JU
 Sample : PB164401BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164401BS

Quant Time: Oct 28 01:05:14 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	6.887	152	133953	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	523078	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	286545	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	514956	20.000	ng	0.00
76) Chrysene-d12	14.057	240	290190	20.000	ng	0.00
86) Perylene-d12	15.527	264	270508	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	986950	115.343	ng	0.02
7) Phenol-d6	6.516	99	1244065	112.258	ng	0.00
23) Nitrobenzene-d5	7.451	82	809122	85.732	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	362775	135.351	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1453842	83.853	ng	0.00
79) Terphenyl-d14	12.998	244	1564872	87.871	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	146496	36.720	ng	94
3) Pyridine	3.528	79	386668	39.102	ng	97
4) n-Nitrosodimethylamine	3.481	42	214789	40.427	ng	98
6) Aniline	6.551	93	383651	37.145	ng	99
8) 2-Chlorophenol	6.675	128	391637	44.771	ng	97
9) Benzaldehyde	6.440	77	83963	13.468	ng	97
10) Phenol	6.528	94	500844	43.837	ng	98
11) bis(2-Chloroethyl)ether	6.622	93	377809	42.783	ng	100
12) 1,3-Dichlorobenzene	6.828	146	422642	42.090	ng	100
13) 1,4-Dichlorobenzene	6.904	146	426636	42.528	ng	99
14) 1,2-Dichlorobenzene	7.057	146	409319	43.717	ng	99
15) Benzyl Alcohol	7.028	79	360303	44.322	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	612220	40.658	ng	98
17) 2-Methylphenol	7.134	107	320253	42.935	ng	99
18) Hexachloroethane	7.404	117	154207	43.106	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	274155	40.789	ng	97
20) 3+4-Methylphenols	7.287	107	390957	40.978	ng	# 91
22) Acetophenone	7.298	105	535776	41.819	ng	98
24) Nitrobenzene	7.469	77	427531	41.317	ng	100
25) Isophorone	7.710	82	764949	42.704	ng	100
26) 2-Nitrophenol	7.787	139	194486	49.821	ng	96
27) 2,4-Dimethylphenol	7.816	122	320800	49.284	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	442314	40.755	ng	100
29) 2,4-Dichlorophenol	8.028	162	318856	43.007	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	341281	41.600	ng	99
31) Naphthalene	8.192	128	1144384	42.420	ng	100
32) Benzoic acid	7.934	122	221089	38.943	ng	97
33) 4-Chloroaniline	8.239	127	160319	17.428	ng	97
34) Hexachlorobutadiene	8.310	225	222248	43.117	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	352609	42.951	ng	99
37) 2-Methylnaphthalene	8.887	142	708246	42.867	ng	99
38) 1-Methylnaphthalene	8.986	142	664636	41.002	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	336499	43.529	ng	99
41) Hexachlorocyclopentadiene	9.039	237	439499	163.391	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	245472	44.850	ng	100
44) 2,4,5-Trichlorophenol	9.198	196	247584	43.845	ng	100

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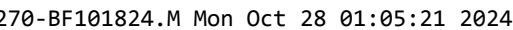
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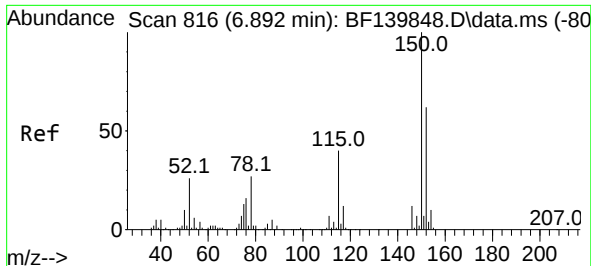
Quant Time: Oct 28 01:05:14 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.351	154	854568	42.840	ng	99
47) 2-Chloronaphthalene	9.375	162	683907	42.568	ng	99
48) 2-Nitroaniline	9.469	65	234337	47.690	ng	93
49) Acenaphthylene	9.792	152	1062663	45.751	ng	100
50) Dimethylphthalate	9.651	163	774247	43.379	ng	100
51) 2,6-Dinitrotoluene	9.710	165	175507	45.415	ng	96
52) Acenaphthene	9.963	154	733262	48.802	ng	99
53) 3-Nitroaniline	9.875	138	119085	29.881	ng	98
54) 2,4-Dinitrophenol	9.986	184	179501	109.200	ng	# 1
55) Dibenzofuran	10.133	168	930933	43.183	ng	100
56) 4-Nitrophenol	10.034	139	297136	96.911	ng	99
57) 2,4-Dinitrotoluene	10.116	165	239693	50.437	ng	97
58) Fluorene	10.475	166	710862	43.293	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	209794	47.393	ng	97
60) Diethylphthalate	10.351	149	742904	42.392	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	354589	42.763	ng	99
62) 4-Nitroaniline	10.492	138	178276	47.364	ng	98
63) Azobenzene	10.628	77	770383	41.466	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	128121	60.996	ng	89
66) n-Nitrosodiphenylamine	10.586	169	652591	42.342	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	227307	42.848	ng	98
68) Hexachlorobenzene	11.022	284	258374	43.305	ng	99
69) Atrazine	11.110	200	213946	51.244	ng	100
70) Pentachlorophenol	11.216	266	317923	87.799	ng	99
71) Phenanthrene	11.439	178	1079100	44.363	ng	100
72) Anthracene	11.492	178	1093172	46.061	ng	100
73) Carbazole	11.645	167	962703	43.616	ng	99
74) Di-n-butylphthalate	11.975	149	1087234	42.635	ng	99
75) Fluoranthene	12.627	202	1108012	45.059	ng	99
77) Benzidine	12.745	184	233393	48.912	ng	99
78) Pyrene	12.857	202	1139954	44.878	ng	100
80) Butylbenzylphthalate	13.474	149	379877	49.883	ng	96
81) Benzo(a)anthracene	14.045	228	868429	45.972	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	167400	30.393	ng	99
83) Chrysene	14.080	228	776429	44.828	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	419403	49.087	ng	100
85) Di-n-octyl phthalate	14.645	149	608593	39.162	ng	96
87) Indeno(1,2,3-cd)pyrene	17.033	276	803896	46.194	ng	97
88) Benzo(b)fluoranthene	15.098	252	691202	41.946	ng	99
89) Benzo(k)fluoranthene	15.127	252	671210	47.231	ng	99
90) Benzo(a)pyrene	15.468	252	651066	48.018	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	656369	45.212	ng	97
92) Benzo(g,h,i)perylene	17.486	276	610078	42.071	ng	97

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

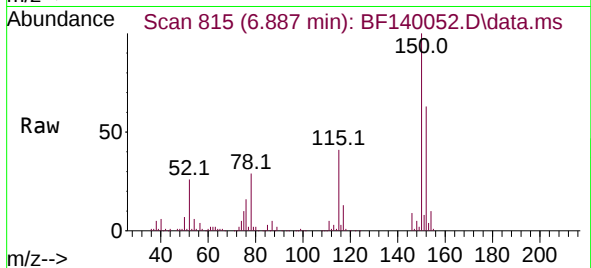
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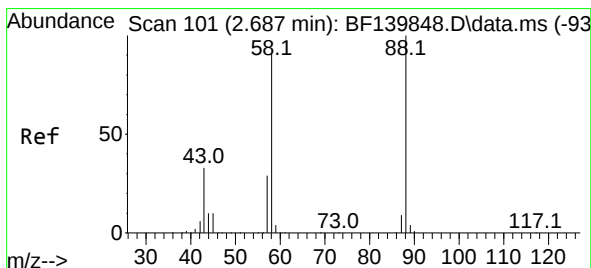
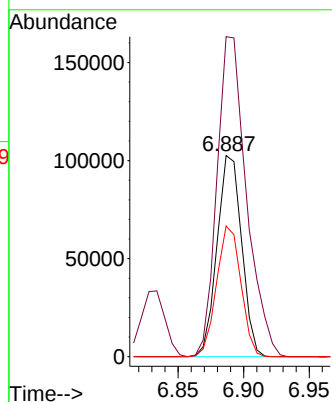
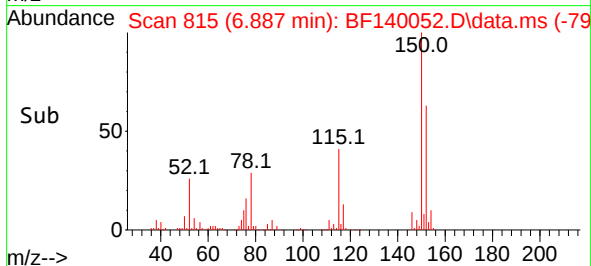


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

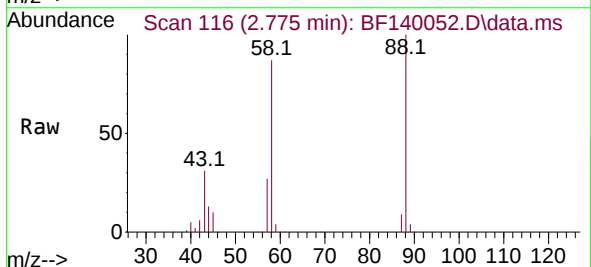
Instrument :
BNA_F
ClientSampleId :
PB164401BS



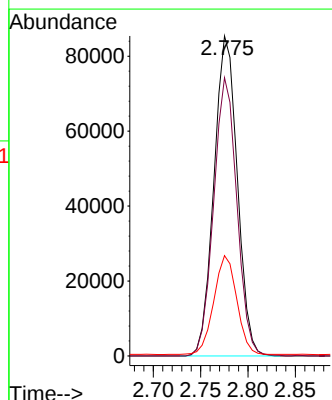
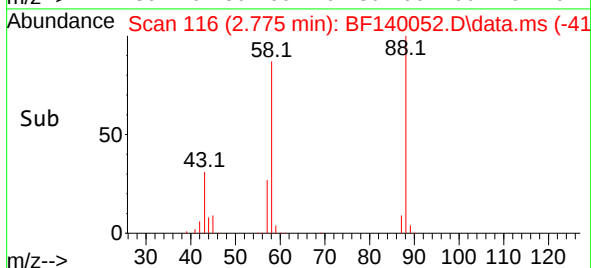
Tgt Ion:152 Resp: 133953
Ion Ratio Lower Upper
152 100
150 159.1 130.2 195.2
115 65.0 51.4 77.2

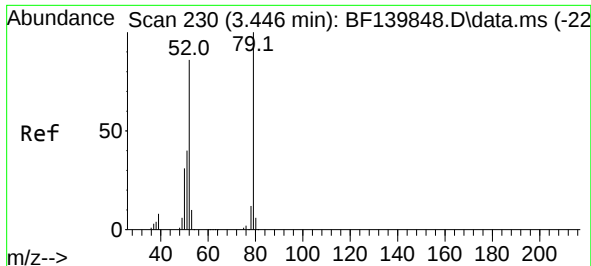


#2
1,4-Dioxane
Concen: 36.720 ng
RT: 2.775 min Scan# 116
Delta R.T. 0.088 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34



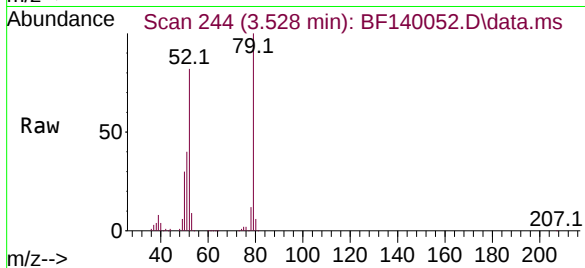
Tgt Ion: 88 Resp: 146496
Ion Ratio Lower Upper
88 100
58 86.5 73.3 109.9
43 30.3 27.1 40.7



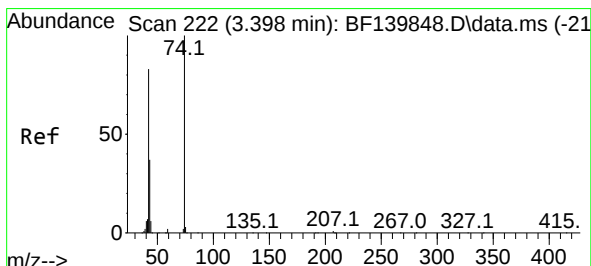
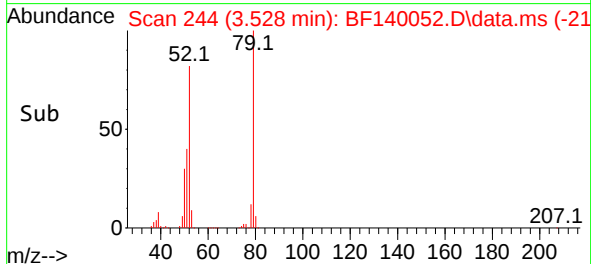
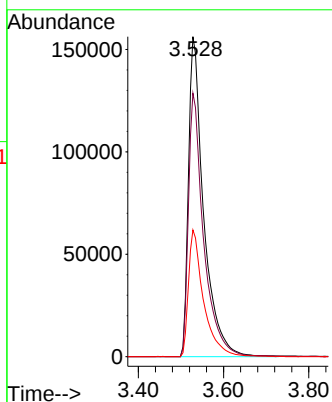


#3
Pyridine
Concen: 39.102 ng
RT: 3.528 min Scan# 24
Delta R.T. 0.083 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Instrument :
BNA_F
ClientSampleId :
PB164401BS

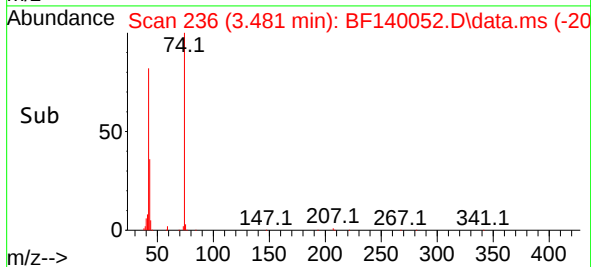
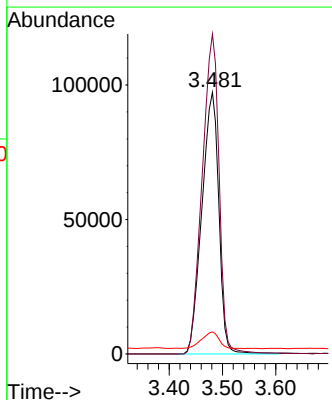
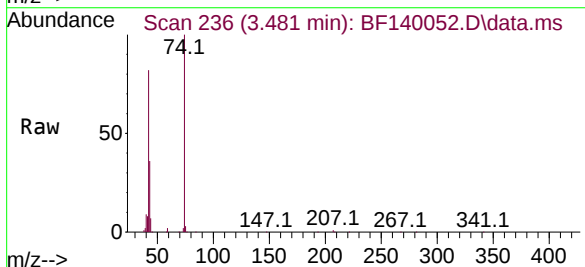


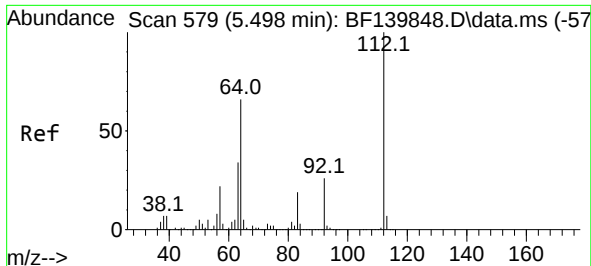
Tgt Ion: 79 Resp: 386668
Ion Ratio Lower Upper
79 100
52 82.4 68.5 102.7
51 39.6 32.3 48.5



#4
n-Nitrosodimethylamine
Concen: 40.427 ng
RT: 3.481 min Scan# 236
Delta R.T. 0.083 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion: 42 Resp: 214789
Ion Ratio Lower Upper
42 100
74 122.3 96.2 144.4
44 8.5 6.2 9.2

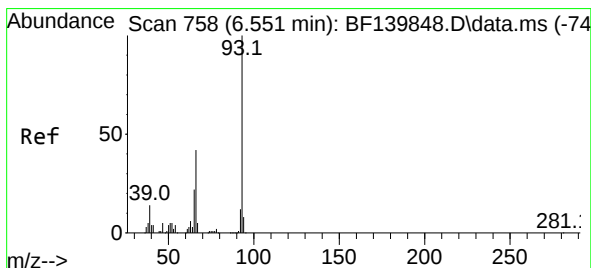
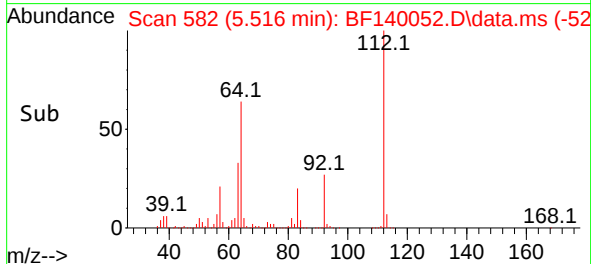
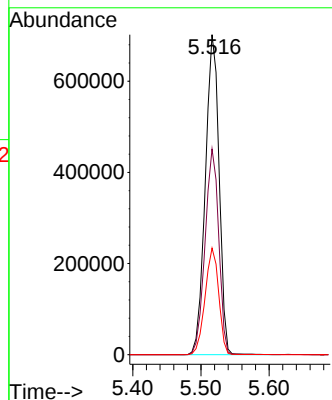
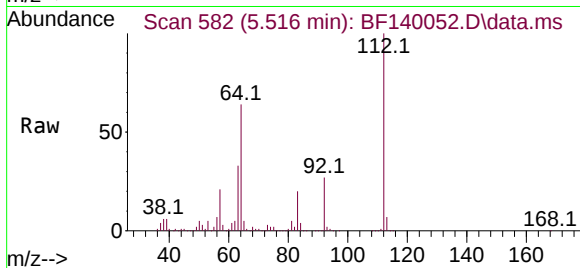




#5
2-Fluorophenol
Concen: 115.343 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

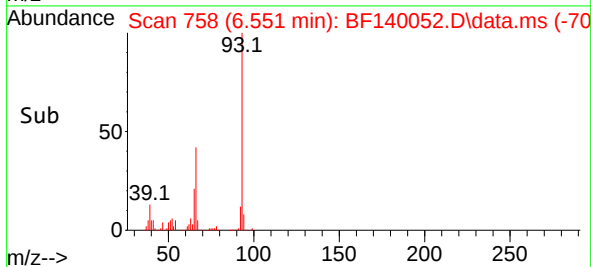
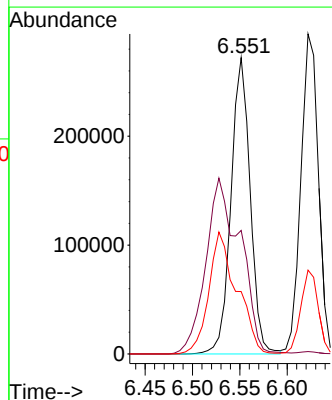
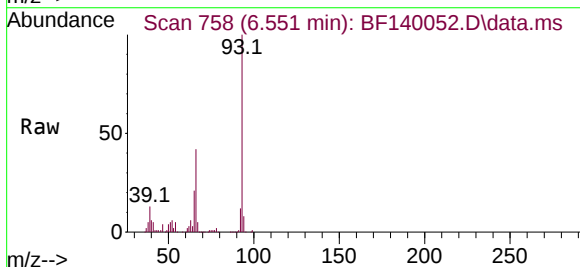
Instrument :
BNA_F
ClientSampleId :
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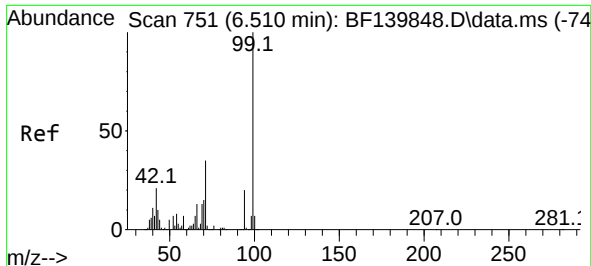
Tgt Ion:112 Resp: 986950
Ion Ratio Lower Upper
112 100
64 64.3 53.0 79.6
63 33.3 27.0 40.4



#6
Aniline
Concen: 37.145 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion: 93 Resp: 383651
Ion Ratio Lower Upper
93 100
66 41.7 34.0 51.0
65 21.1 17.4 26.0

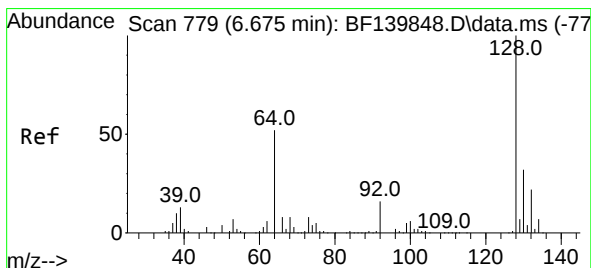
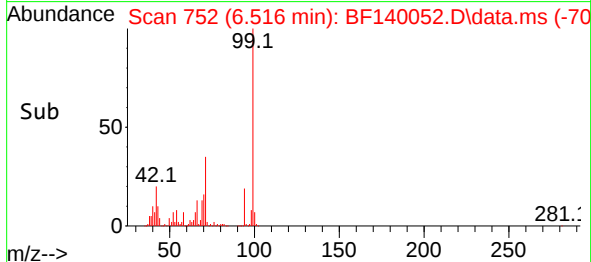
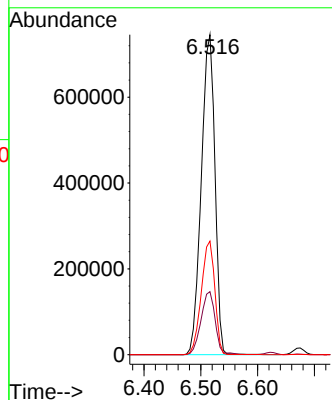
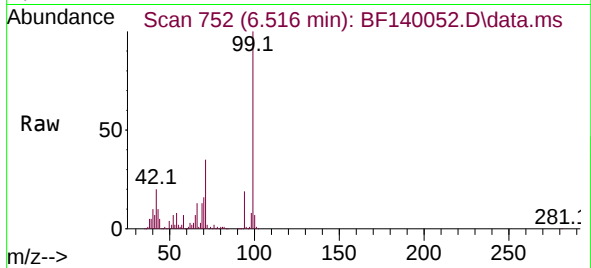




#7
Phenol-d6
Concen: 112.258 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

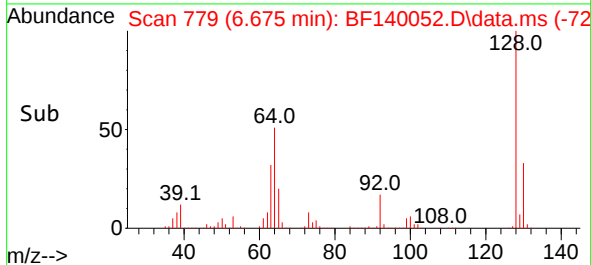
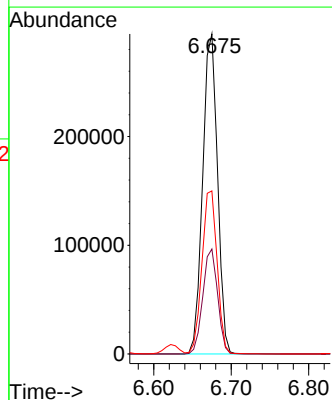
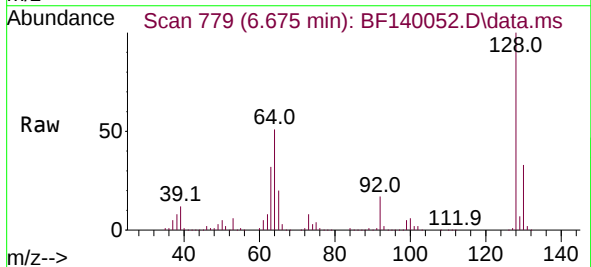
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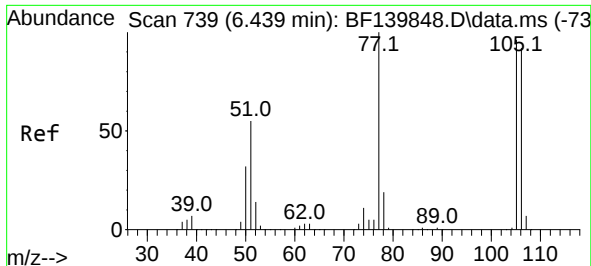
Tgt Ion: 99 Resp: 1244065
Ion Ratio Lower Upper
99 100
42 19.7 16.7 25.1
71 35.5 27.7 41.5



#8
2-Chlorophenol
Concen: 44.771 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion:128 Resp: 391637
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 51.0 34.6 74.6





#9

Benzaldehyde

Concen: 13.468 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164401BS

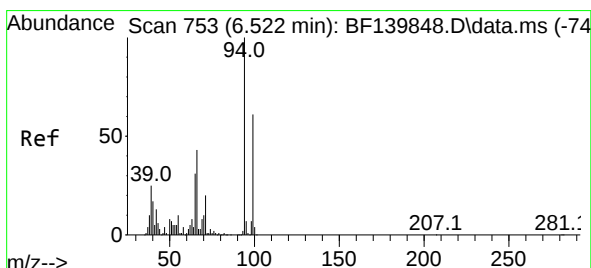
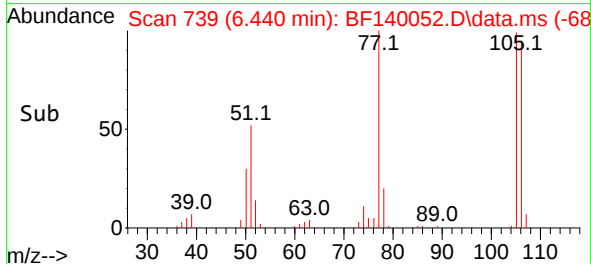
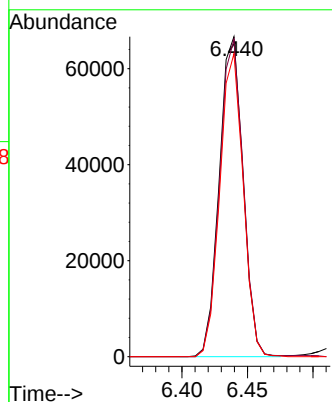
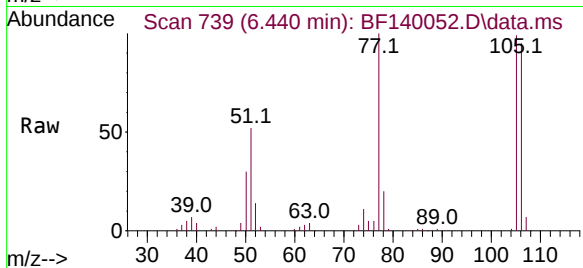
Tgt Ion: 77 Resp: 83963

Ion Ratio Lower Upper

77 100

105 99.2 75.5 115.5

106 94.7 71.7 111.7



#10

Phenol

Concen: 43.837 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

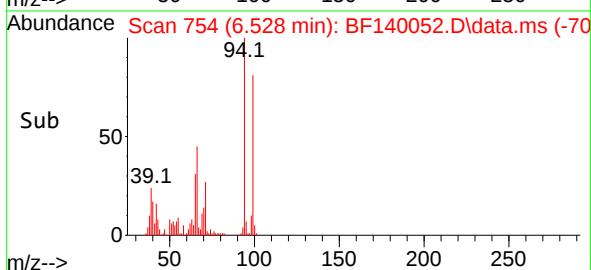
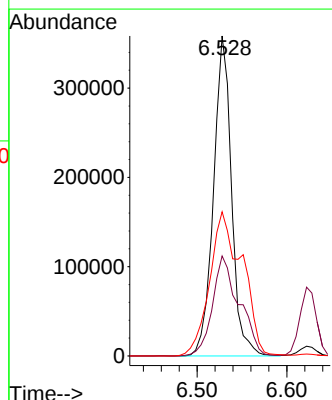
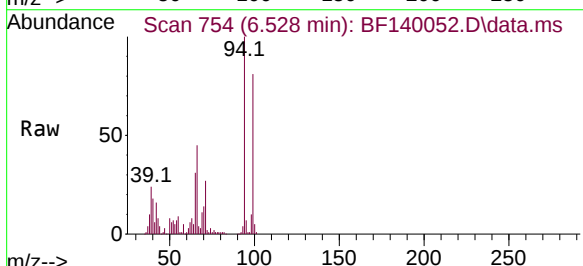
Tgt Ion: 94 Resp: 500844

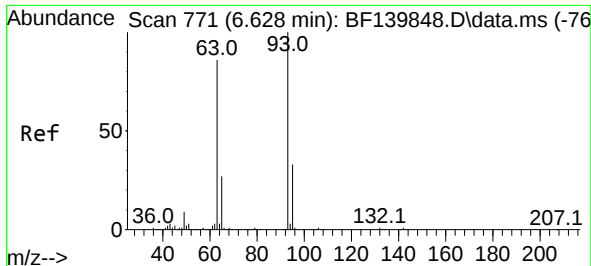
Ion Ratio Lower Upper

94 100

65 31.3 11.1 51.1

66 45.1 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 42.783 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164401BS

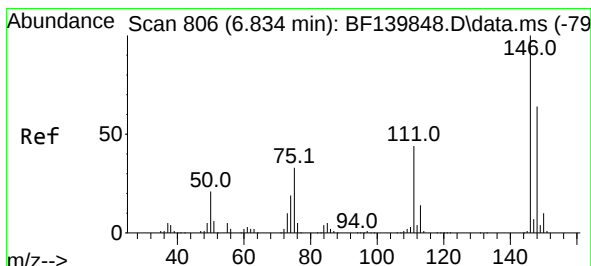
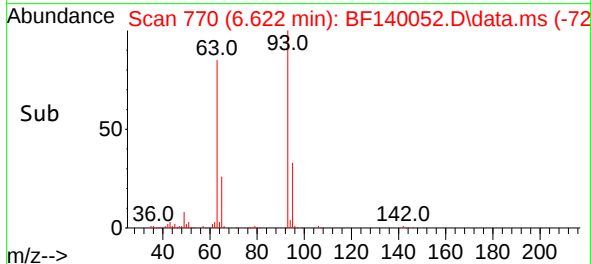
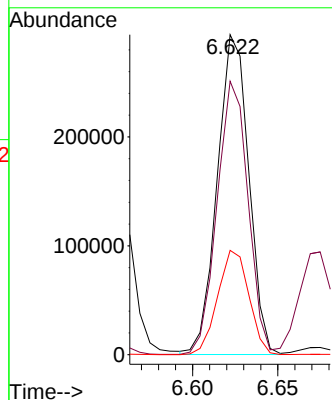
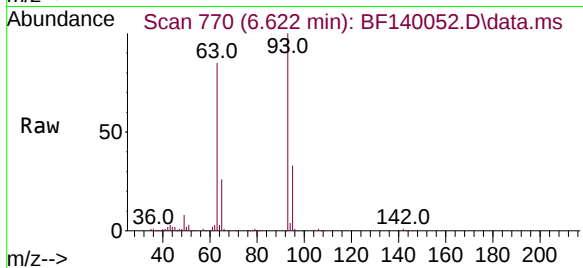
Tgt Ion: 93 Resp: 377809

Ion Ratio Lower Upper

93 100

63 85.4 65.0 105.0

95 32.6 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 42.090 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

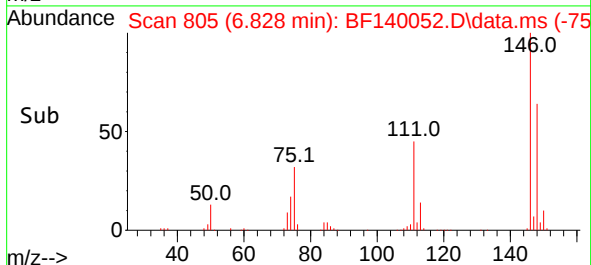
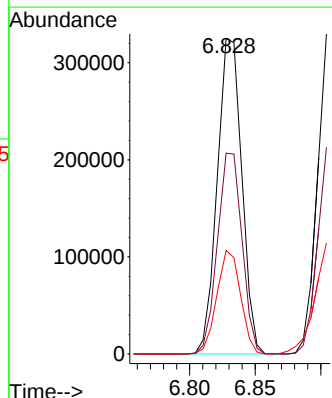
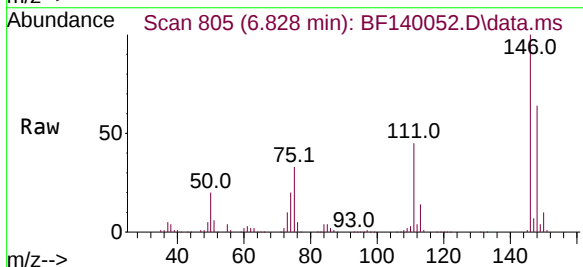
Tgt Ion: 146 Resp: 422642

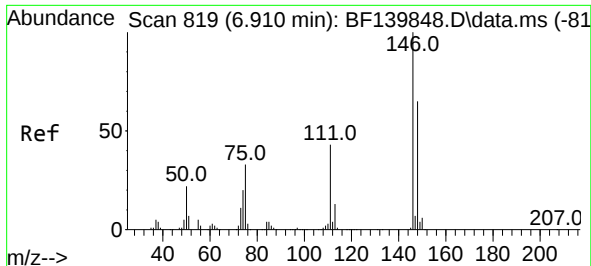
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

75 32.8 26.4 39.6

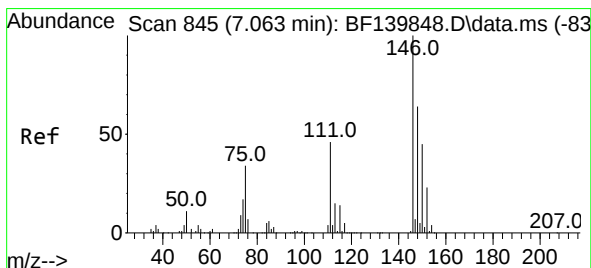
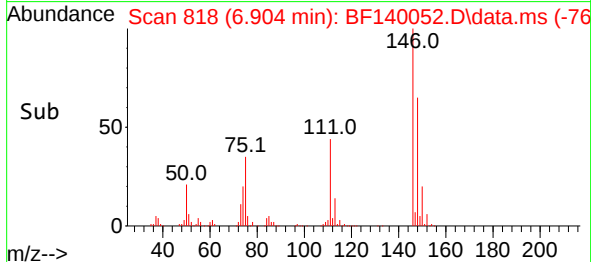
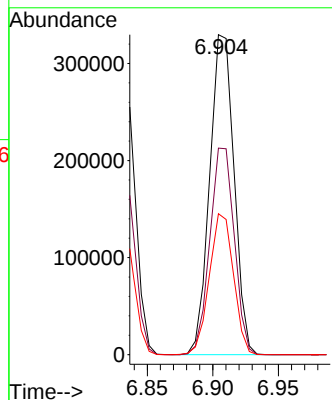
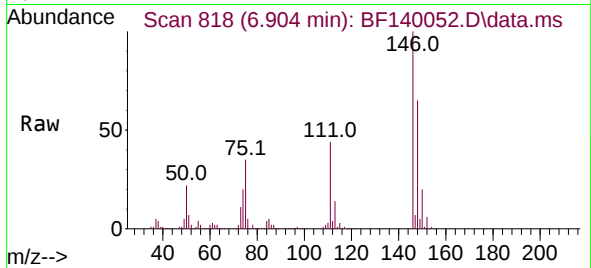




#13
 1,4-Dichlorobenzene
 Concen: 42.528 ng
 RT: 6.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF140052.D
 Acq: 26 Oct 2024 11:34

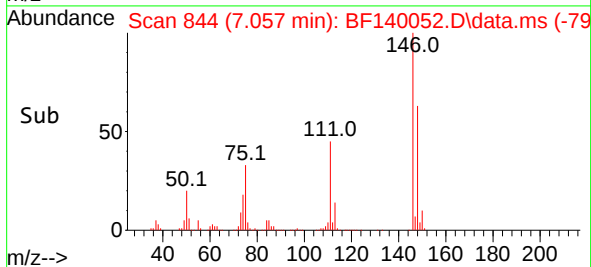
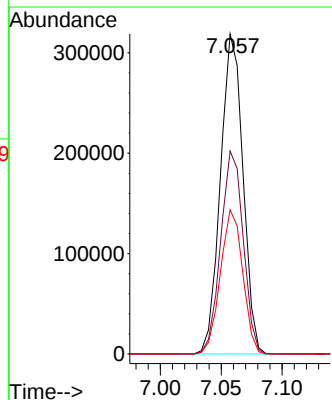
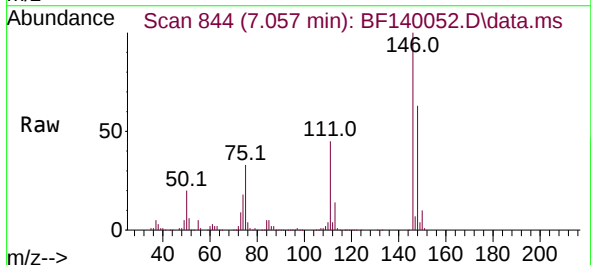
Instrument :
 BNA_F
 ClientSampleId :
 PB164401BS

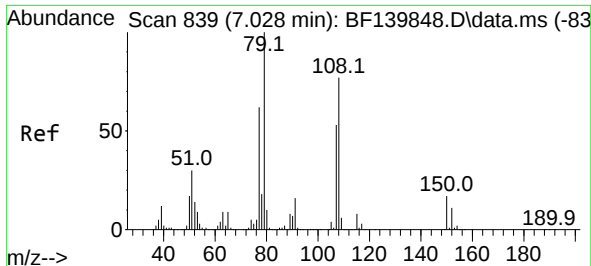
Tgt Ion:146 Resp: 426636
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.8
 111 44.0 34.6 51.8



#14
 1,2-Dichlorobenzene
 Concen: 43.717 ng
 RT: 7.057 min Scan# 844
 Delta R.T. -0.006 min
 Lab File: BF140052.D
 Acq: 26 Oct 2024 11:34

Tgt Ion:146 Resp: 409319
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.4 77.2
 111 45.0 36.7 55.1

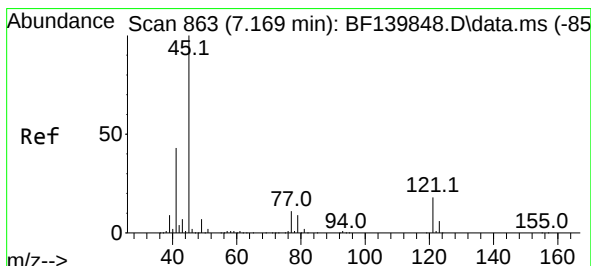
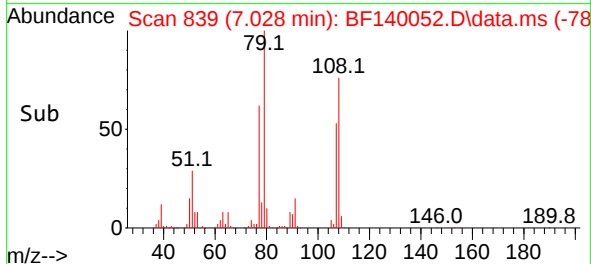
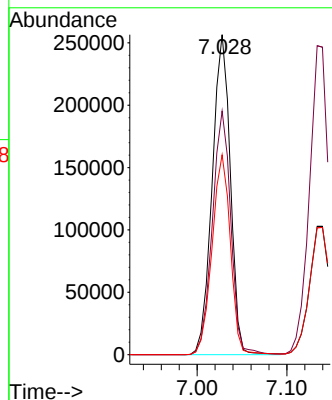
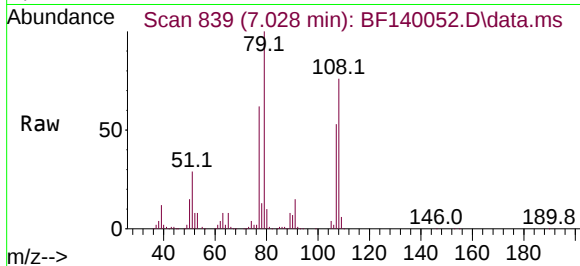




#15
Benzyl Alcohol
Concen: 44.322 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

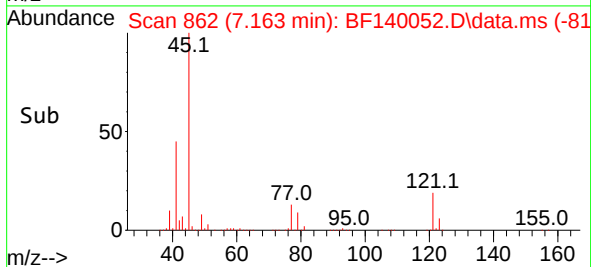
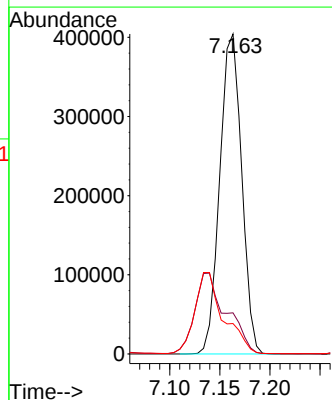
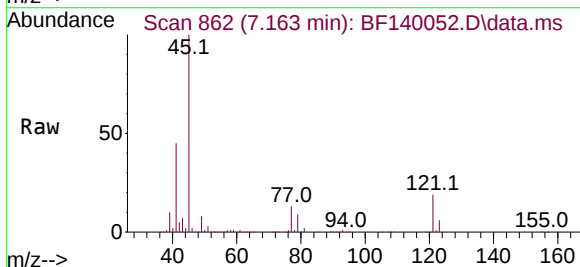
Instrument :
BNA_F
ClientSampleId :
PB164401BS

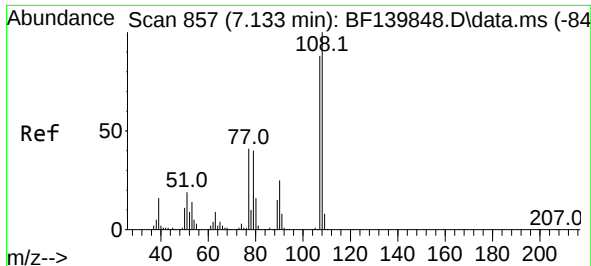
Tgt Ion: 79 Resp: 360303
Ion Ratio Lower Upper
79 100
108 76.1 61.4 92.0
77 62.5 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.658 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

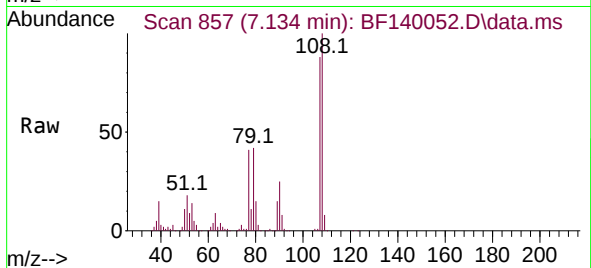
Tgt Ion: 45 Resp: 612220
Ion Ratio Lower Upper
45 100
77 12.8 0.0 31.5
79 9.5 0.0 29.1



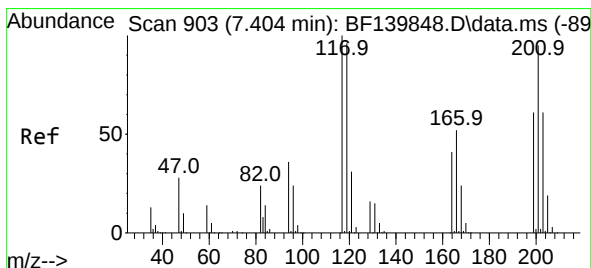
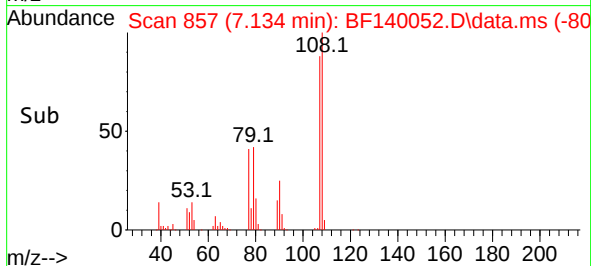
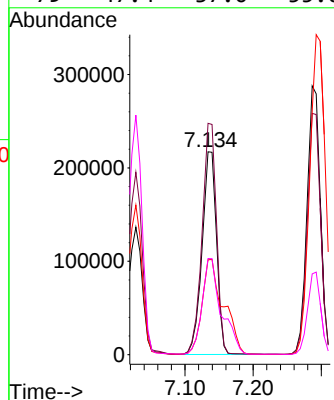


#17
2-Methylphenol
Concen: 42.935 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Instrument :
BNA_F
ClientSampleId :
PB164401BS

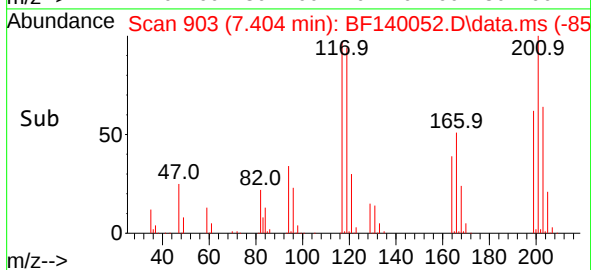
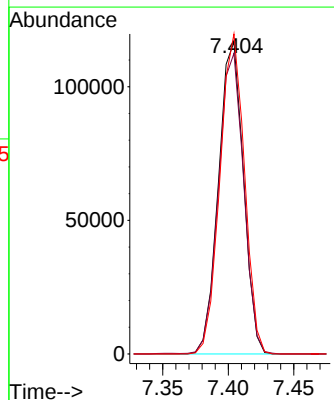
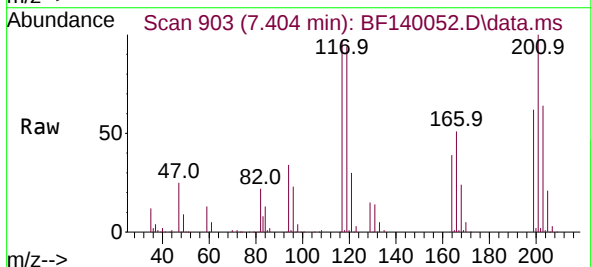


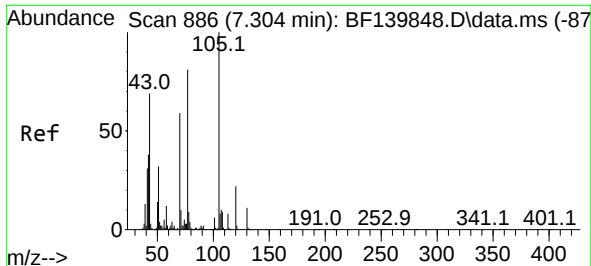
Tgt Ion:	107	Resp:	320253
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.3	136.9
77	46.8	37.1	55.7
79	47.4	37.0	55.6



#18
Hexachloroethane
Concen: 43.106 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion:	117	Resp:	154207
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.4
201	102.6	76.2	114.4



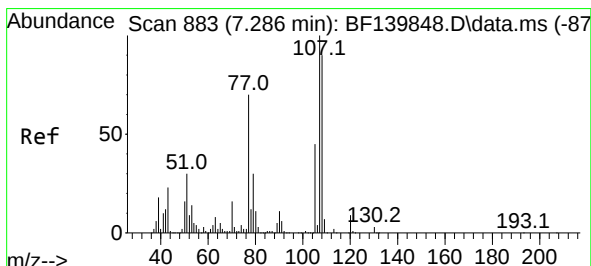
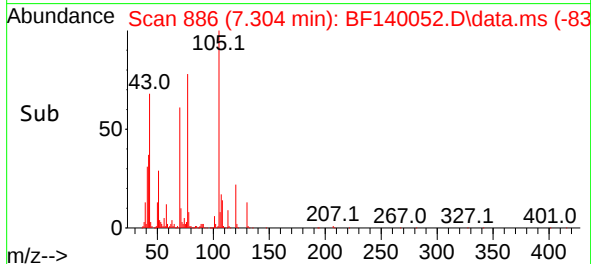
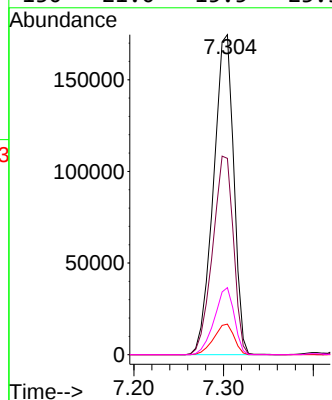
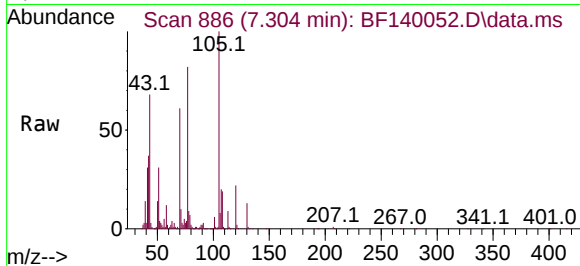


#19
n-Nitroso-di-n-propylamine
Concen: 40.789 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Instrument :
BNA_F
ClientSampleId :
PB164401BS

Tgt Ion: 70 Resp: 274155

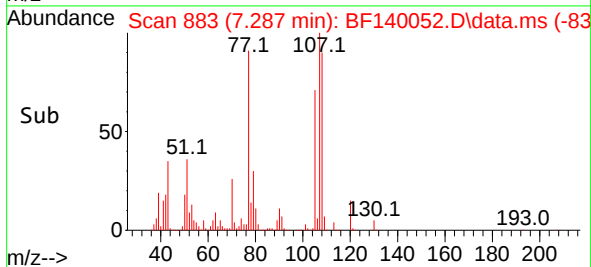
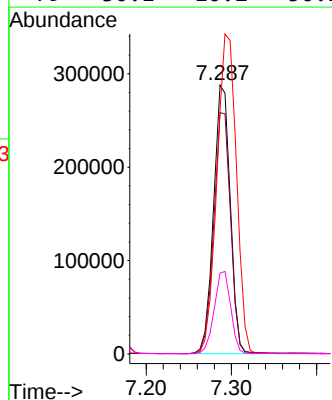
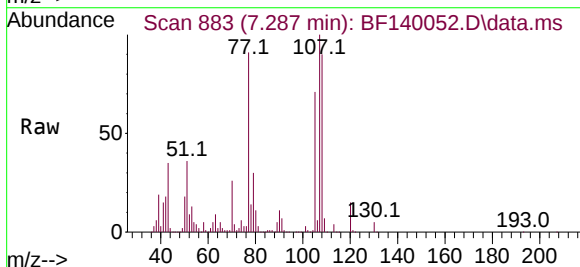
Ion	Ratio	Lower	Upper
70	100		
42	61.4	51.5	77.3
101	9.6	7.5	11.3
130	21.0	15.5	23.3

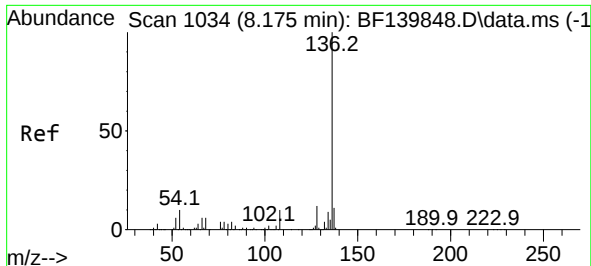


#20
3+4-Methylphenols
Concen: 40.978 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion: 107 Resp: 390957

Ion	Ratio	Lower	Upper
107	100		
108	89.7	69.8	109.8
77	90.6	50.5	90.5#
79	30.1	10.2	50.2

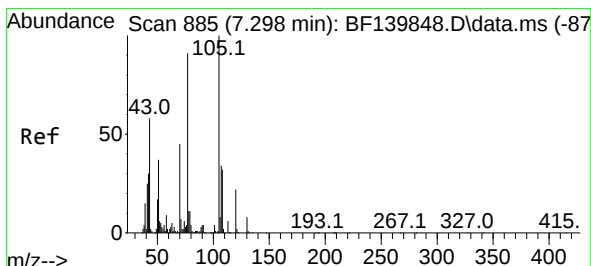
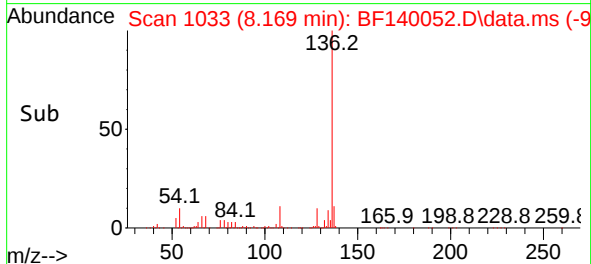
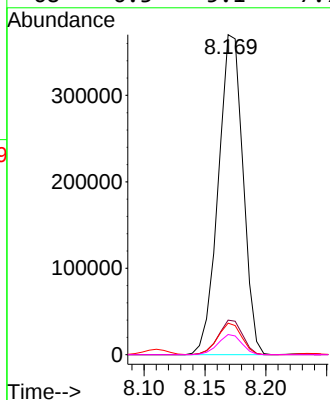
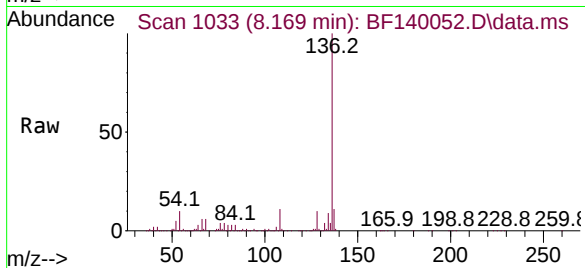




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

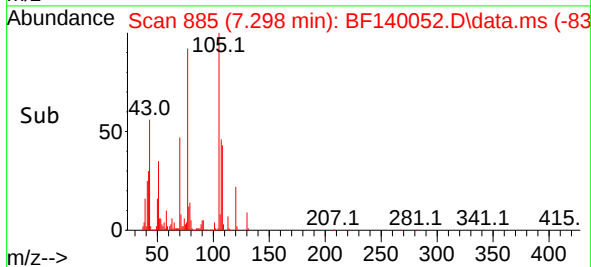
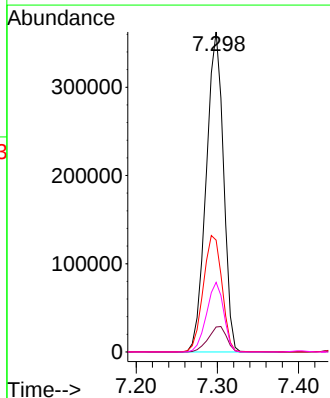
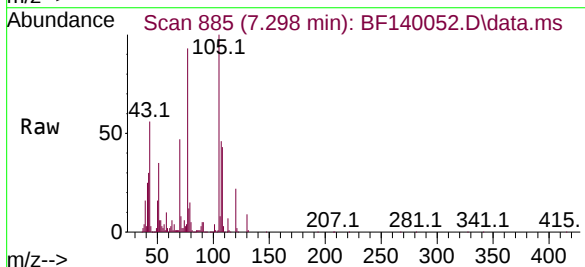
Instrument :
BNA_F
ClientSampleId :
PB164401BS

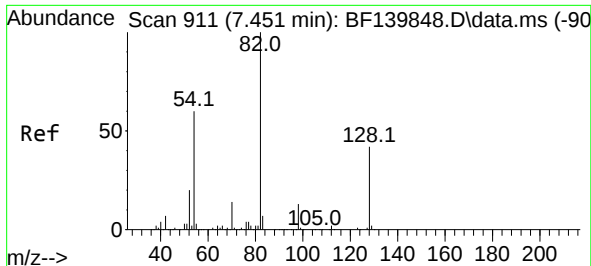
Tgt Ion:136	Resp: 523078
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 12.8
54 9.8	8.4 12.6
68 6.3	5.1 7.7



#22
Acetophenone
Concen: 41.819 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion	105	Resp: 535776	
	Ratio	Lower	Upper
105	100		
71	7.8	5.9	8.9
51	35.0	29.4	44.2
120	21.8	17.5	26.3





#23

Nitrobenzene-d5

Concen: 85.732 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164401BS

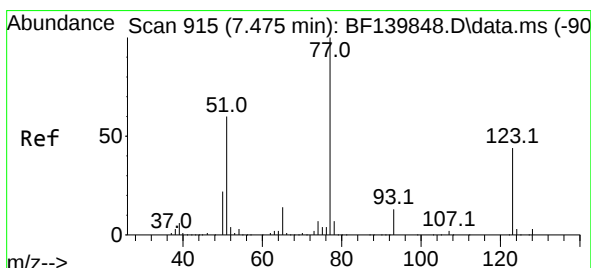
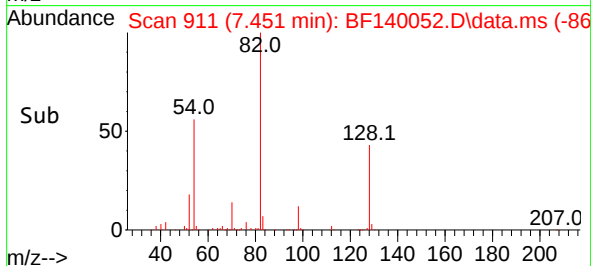
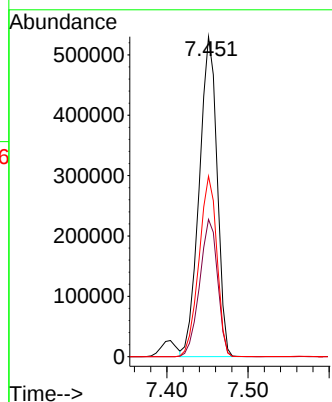
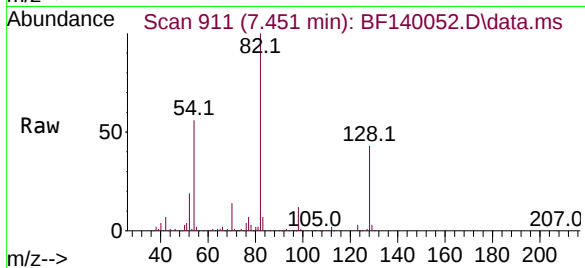
Tgt Ion: 82 Resp: 809122

Ion Ratio Lower Upper

82 100

128 42.9 33.4 50.0

54 56.4 47.8 71.8



#24

Nitrobenzene

Concen: 41.317 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

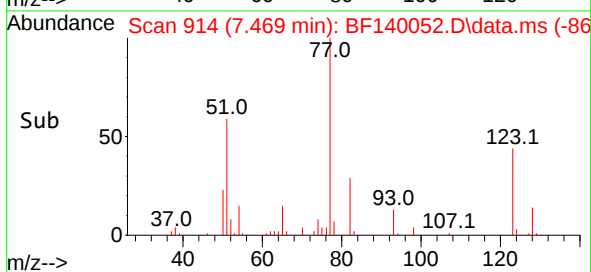
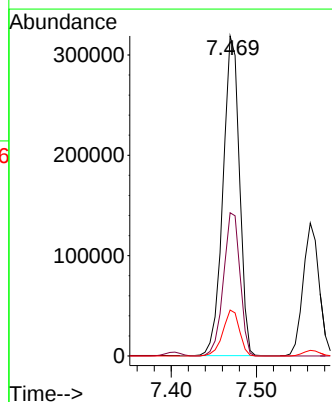
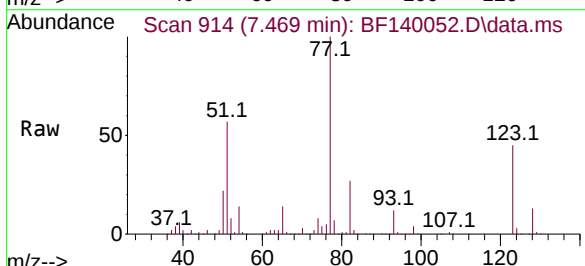
Tgt Ion: 77 Resp: 427531

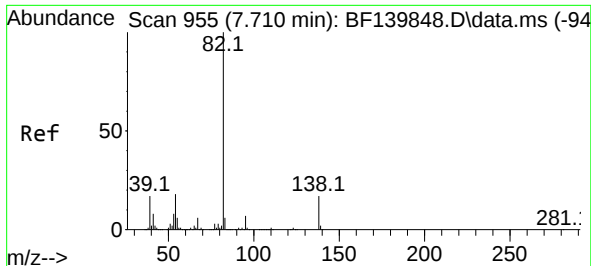
Ion Ratio Lower Upper

77 100

123 44.8 35.7 53.5

65 14.4 11.5 17.3

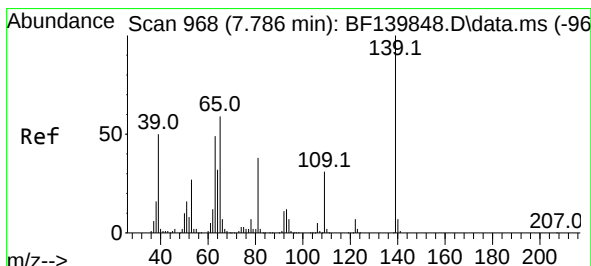
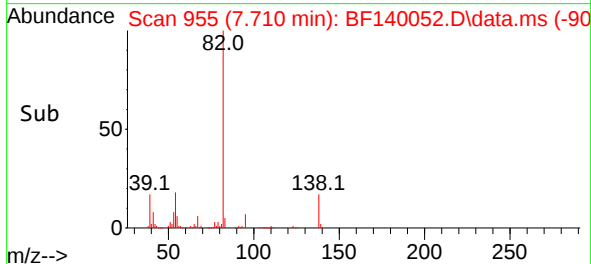
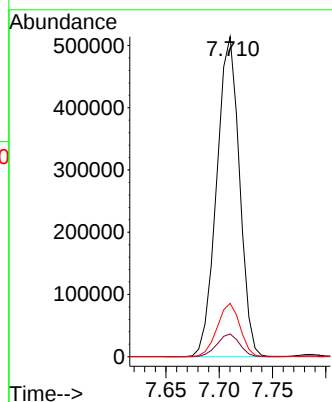
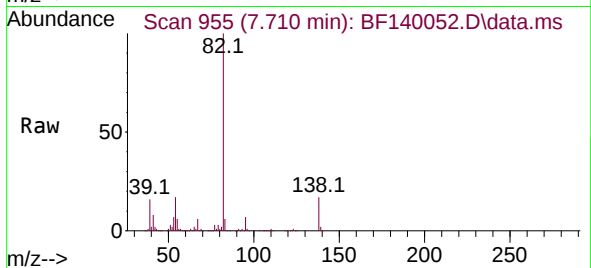




#25
Isophorone
Concen: 42.704 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

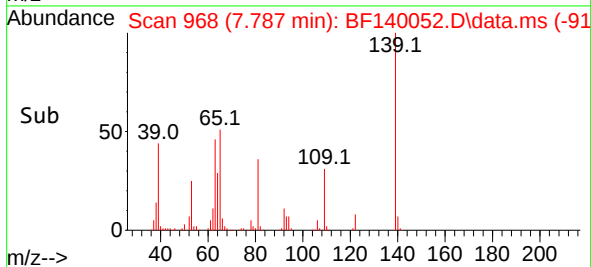
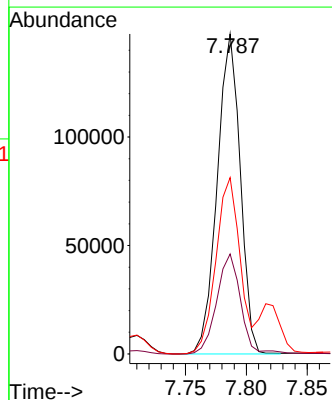
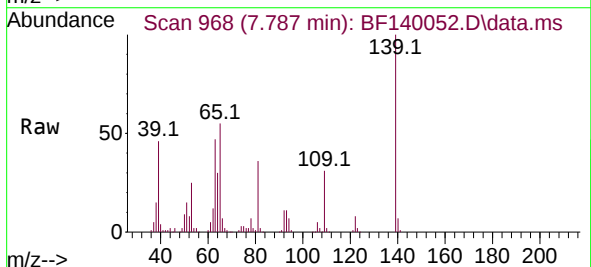
Instrument :
BNA_F
ClientSampleId :
PB164401BS

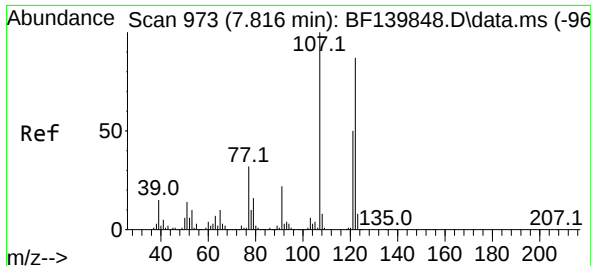
Tgt Ion: 82 Resp: 764949
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.7 13.2 19.8



#26
2-Nitrophenol
Concen: 49.821 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion:139 Resp: 194486
Ion Ratio Lower Upper
139 100
109 31.2 25.1 37.7
65 55.1 47.5 71.3

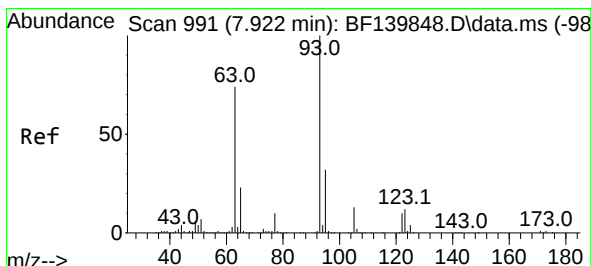
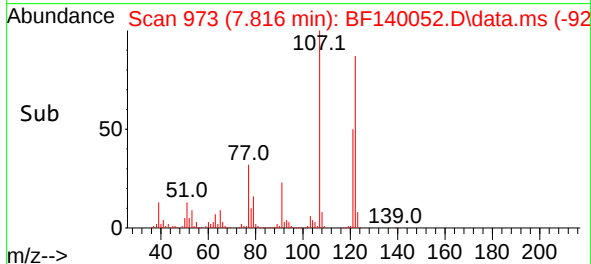
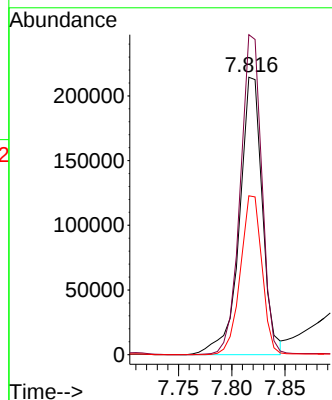
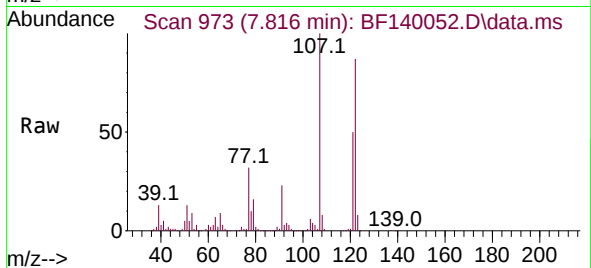




#27
2,4-Dimethylphenol
Concen: 49.284 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

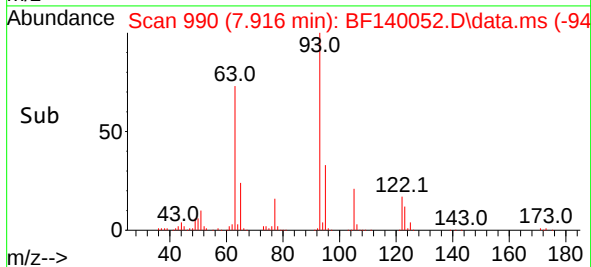
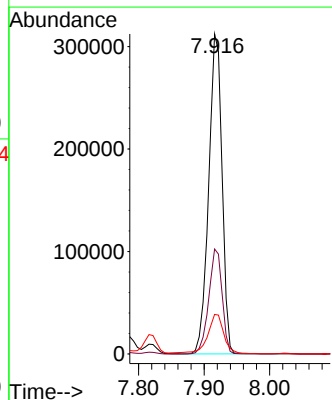
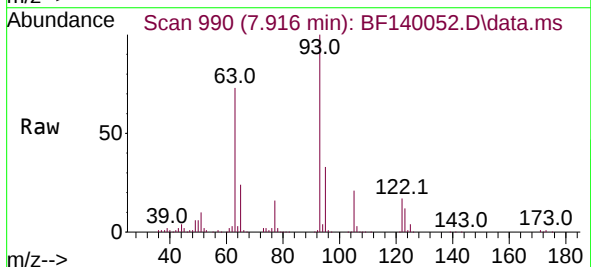
Instrument :
BNA_F
ClientSampleId :
PB164401BS

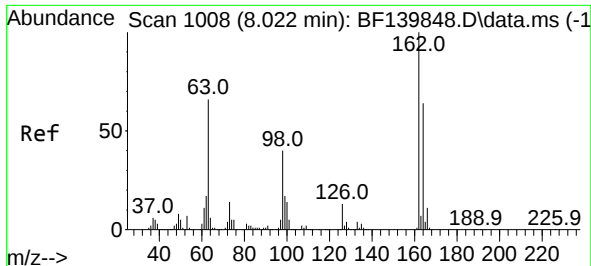
Tgt Ion:122 Resp: 320800
Ion Ratio Lower Upper
122 100
107 115.3 91.9 137.9
121 57.3 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.755 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion: 93 Resp: 442314
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 12.3 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 43.007 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164401BS

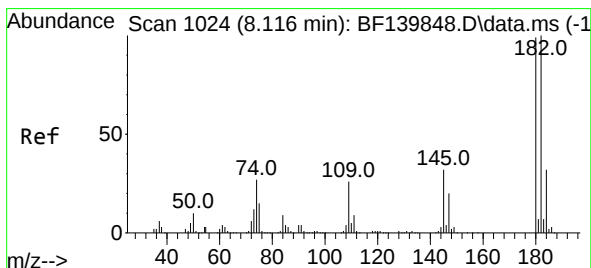
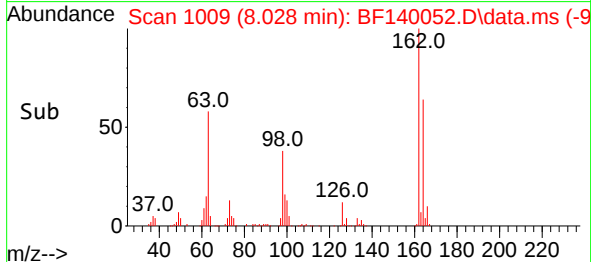
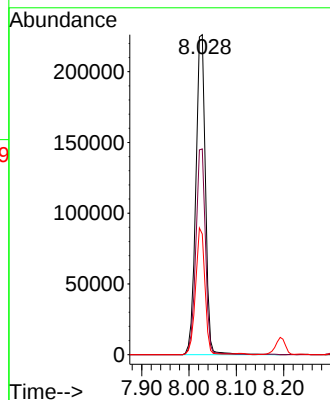
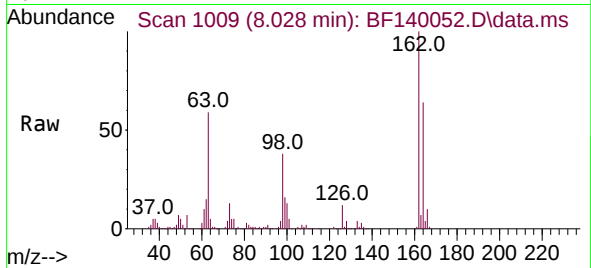
Tgt Ion:162 Resp: 318856

Ion Ratio Lower Upper

162 100

164 64.3 43.9 83.9

98 37.7 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 41.600 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

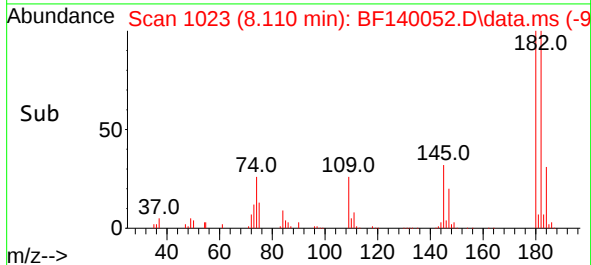
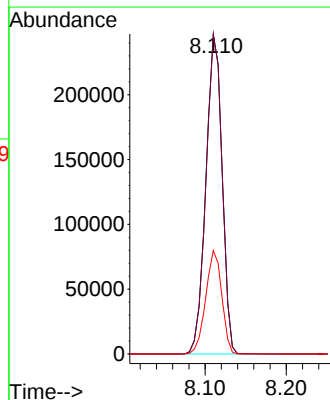
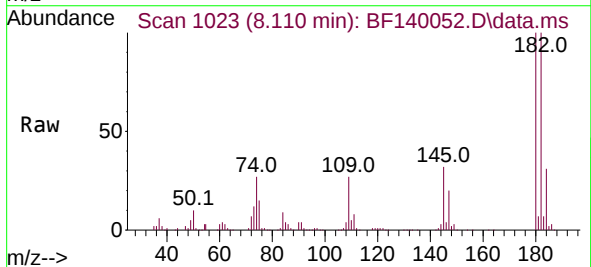
Tgt Ion:180 Resp: 341281

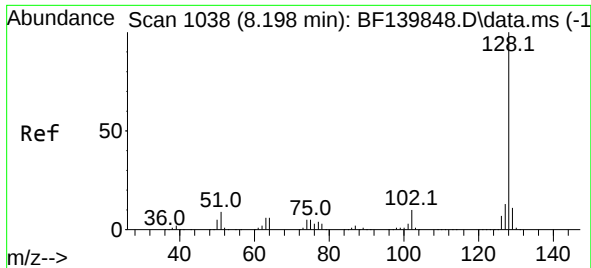
Ion Ratio Lower Upper

180 100

182 99.6 80.5 120.7

145 32.3 25.4 38.0

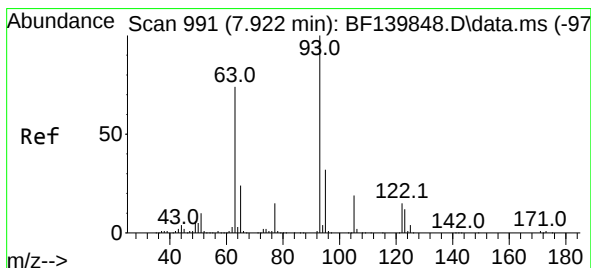
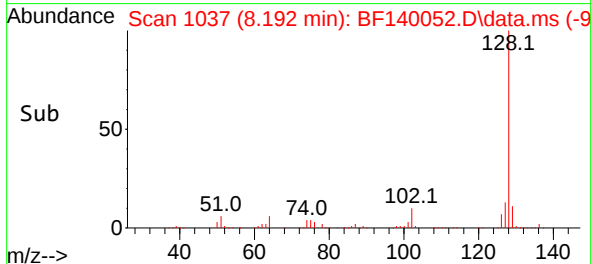
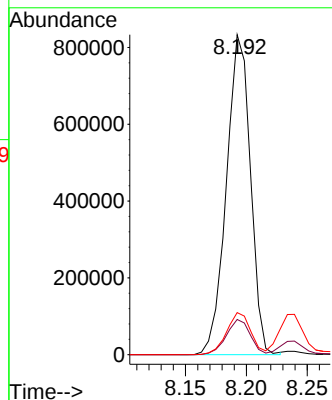
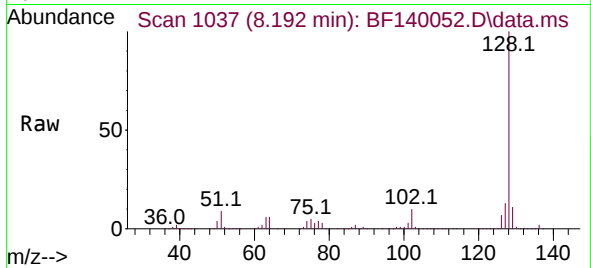




#31
Naphthalene
Concen: 42.420 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

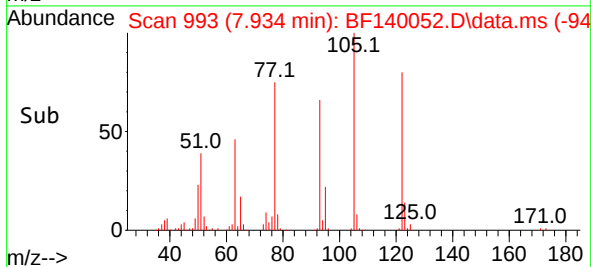
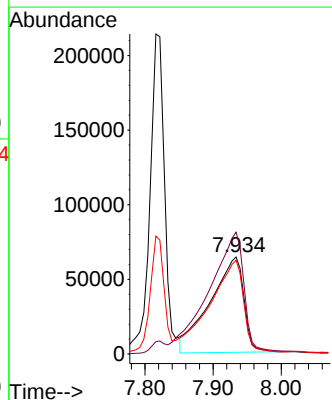
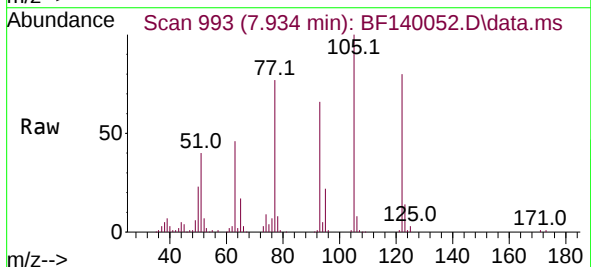
Instrument :
BNA_F
ClientSampleId :
PB164401BS

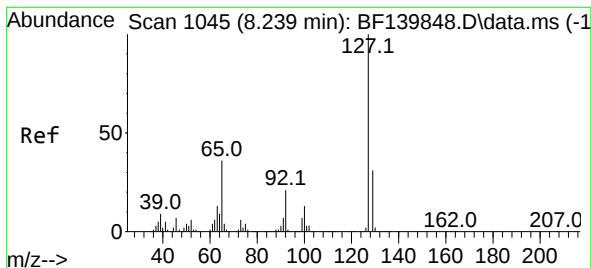
Tgt Ion:128 Resp: 1144384
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 38.943 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion:122 Resp: 221089
Ion Ratio Lower Upper
122 100
105 125.5 107.6 147.6
77 96.7 80.2 120.2

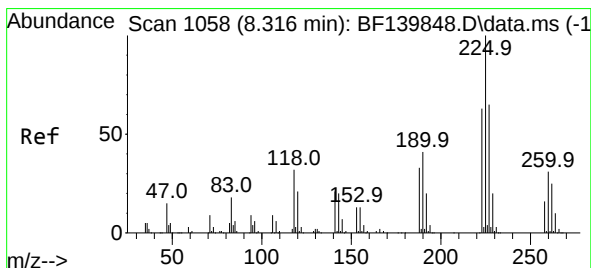
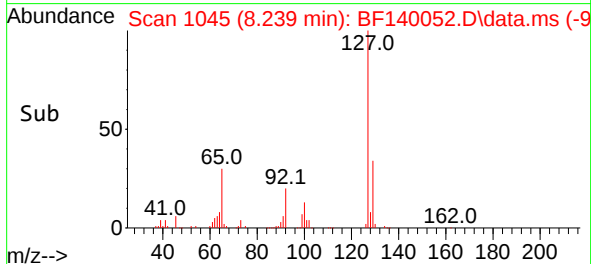
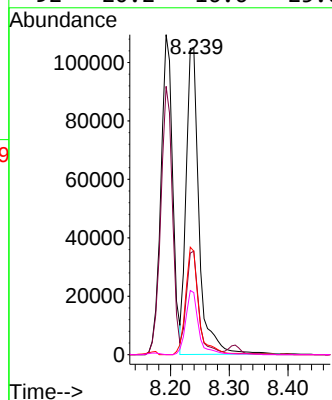
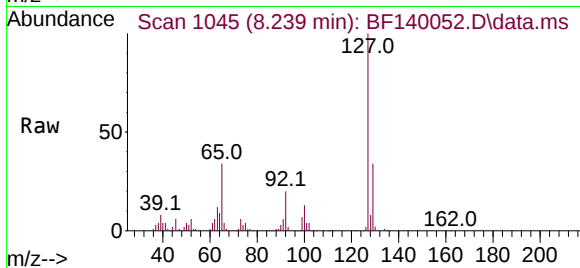




#33
4-Chloroaniline
Concen: 17.428 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

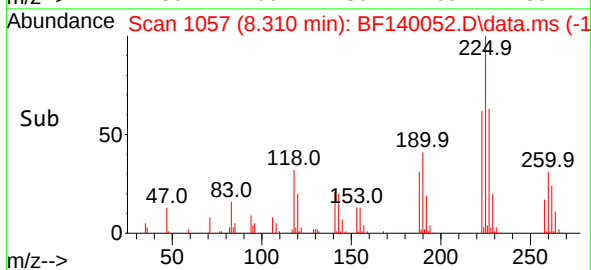
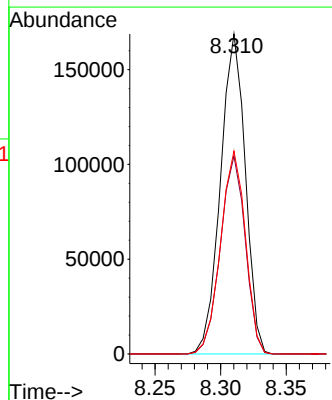
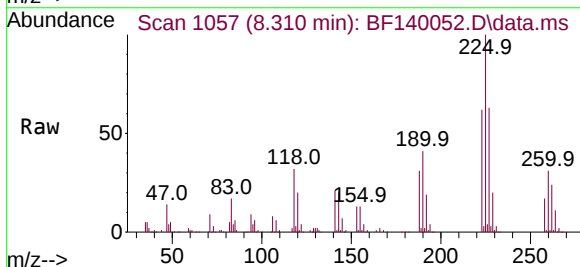
Instrument :
BNA_F
ClientSampleId :
PB164401BS

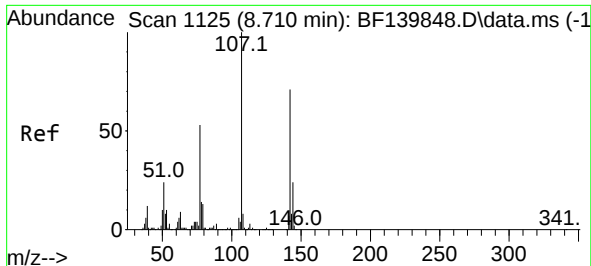
Tgt Ion:	127	Resp:	160319
Ion Ratio	Lower	Upper	
127	100		
129	33.7	25.4	38.2
65	33.7	28.4	42.6
92	20.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 43.117 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion:	225	Resp:	222248
Ion Ratio	Lower	Upper	
225	100		
223	61.8	50.6	76.0
227	63.4	51.8	77.8

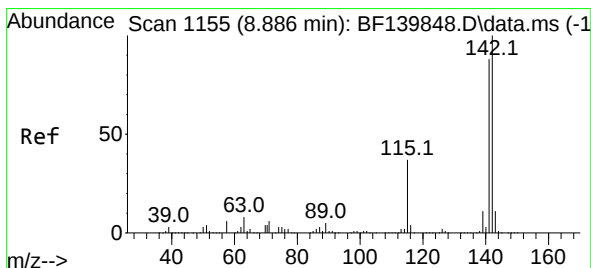
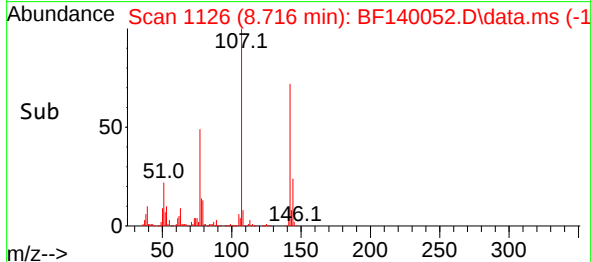
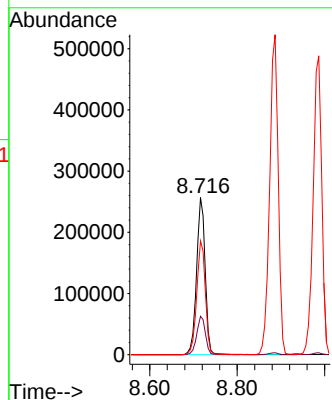
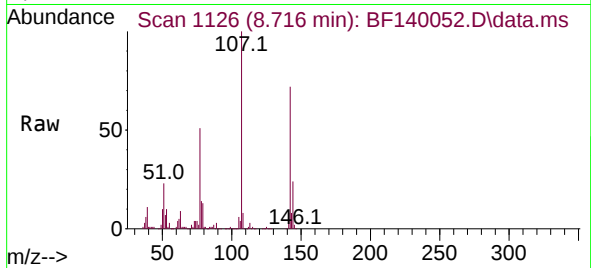




#36
4-Chloro-3-methylphenol
Concen: 42.951 ng
RT: 8.716 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

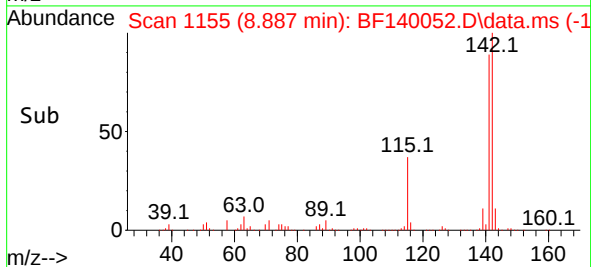
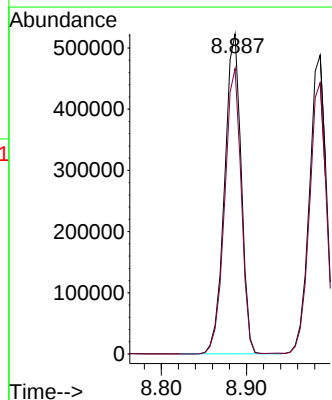
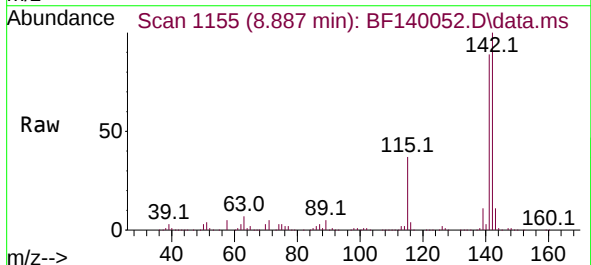
Instrument :
BNA_F
ClientSampleId :
PB164401BS

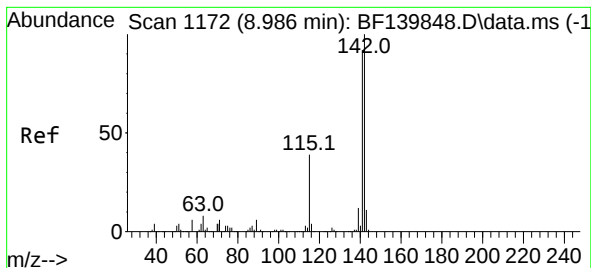
Tgt Ion:107 Resp: 352609
Ion Ratio Lower Upper
107 100
144 24.4 19.1 28.7
142 72.4 57.2 85.8



#37
2-Methylnaphthalene
Concen: 42.867 ng
RT: 8.887 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion:142 Resp: 708246
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2





#38

1-Methylnaphthalene

Concen: 41.002 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

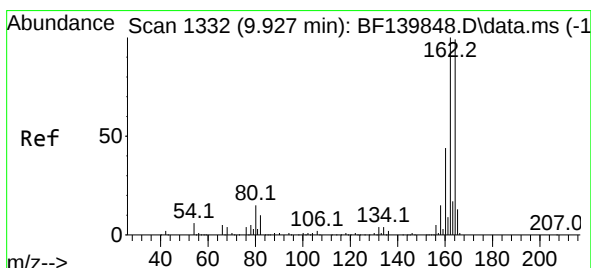
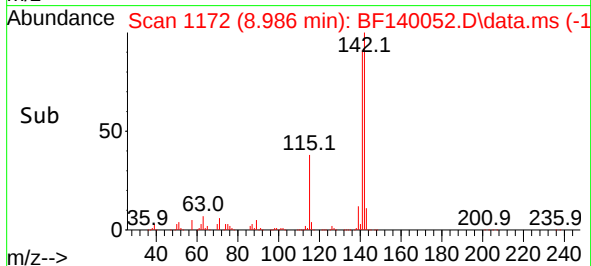
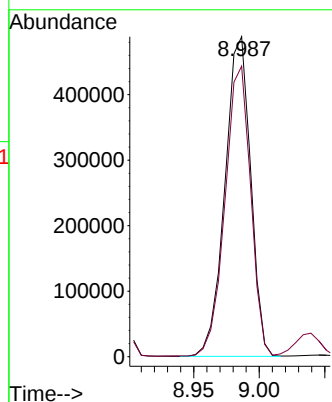
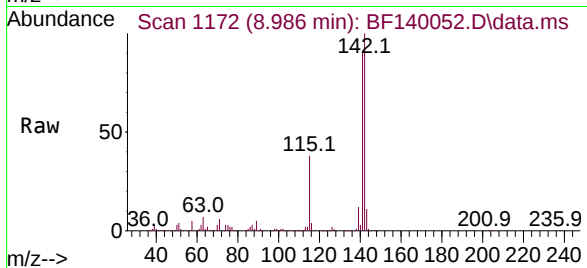
PB164401BS

Tgt Ion:142 Resp: 664636

Ion Ratio Lower Upper

142 100

141 90.8 73.5 110.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

Delta R.T. 0.001 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

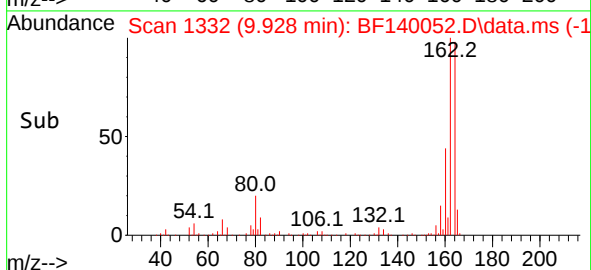
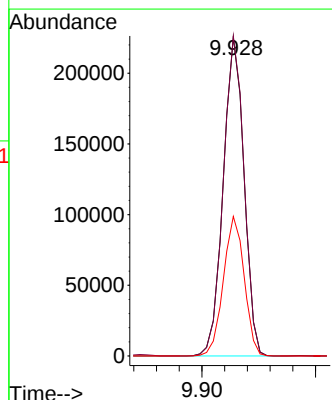
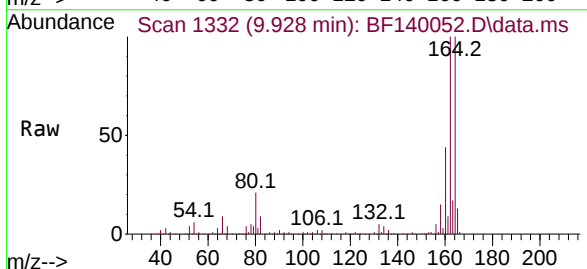
Tgt Ion:164 Resp: 286545

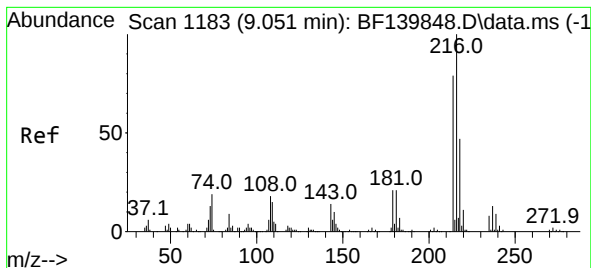
Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.4

160 43.8 35.4 53.0

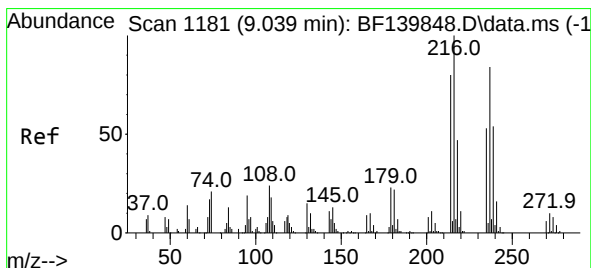
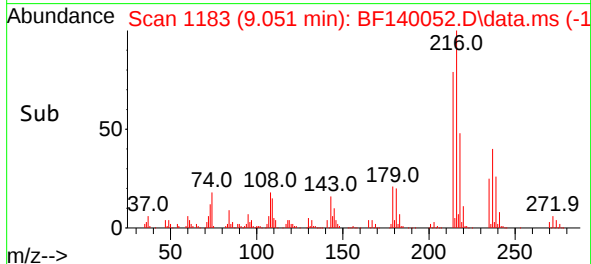
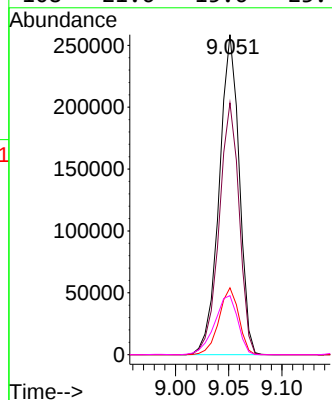
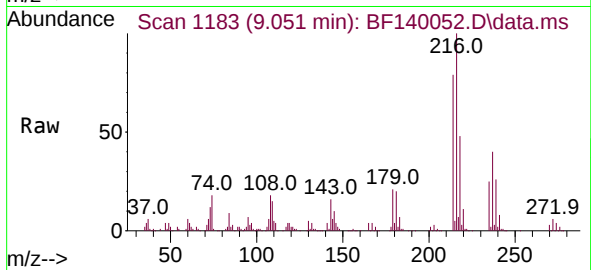




#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.529 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

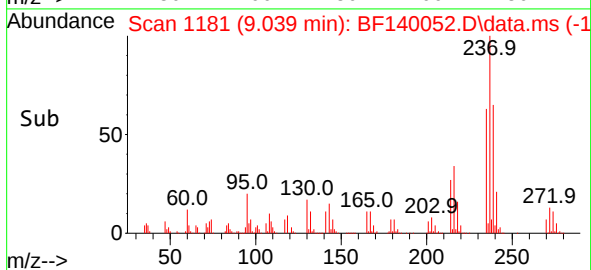
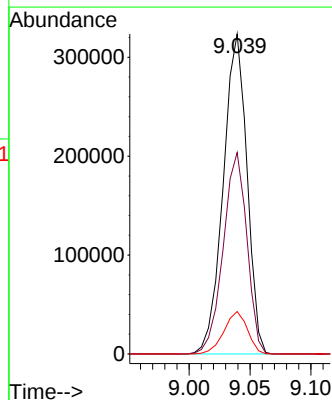
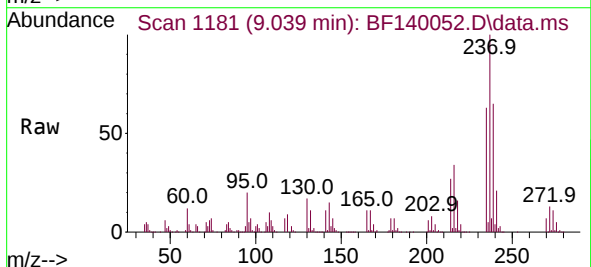
Instrument :
BNA_F
ClientSampleId :
PB164401BS

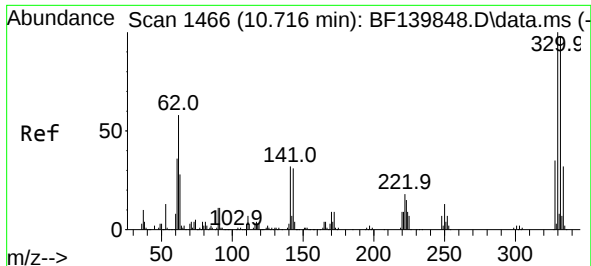
Tgt Ion:	216	Resp:	336499
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.4	95.0
179	20.8	17.2	25.8
108	21.6	15.6	23.4



#41
Hexachlorocyclopentadiene
Concen: 163.391 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

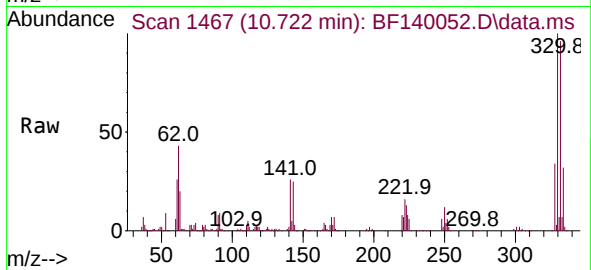
Tgt Ion:	237	Resp:	439499
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.9	82.9
272	13.3	0.0	32.3



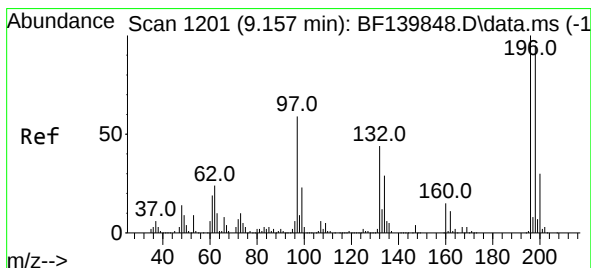
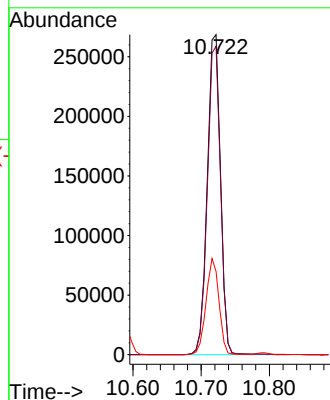
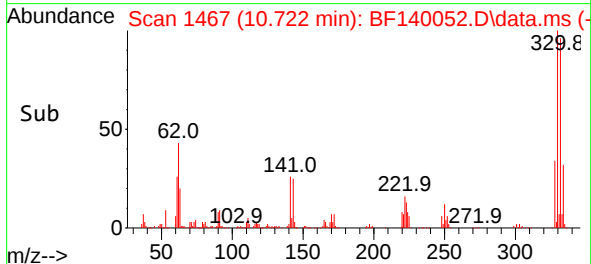


#42
2,4,6-Tribromophenol
Concen: 135.351 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

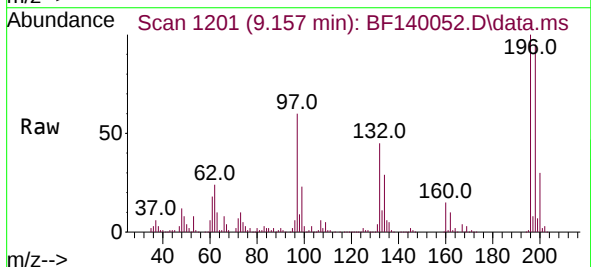
Instrument :
BNA_F
ClientSampleId :
PB164401BS



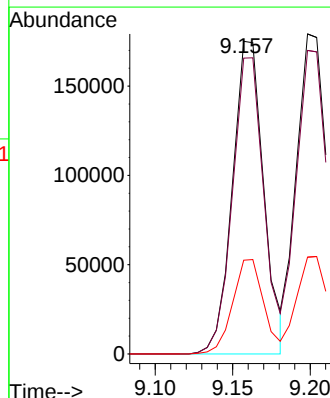
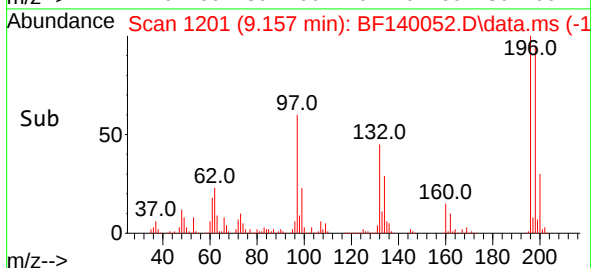
Tgt Ion:330 Resp: 362775
Ion Ratio Lower Upper
330 100
332 96.0 78.1 117.1
141 29.4 26.6 39.8

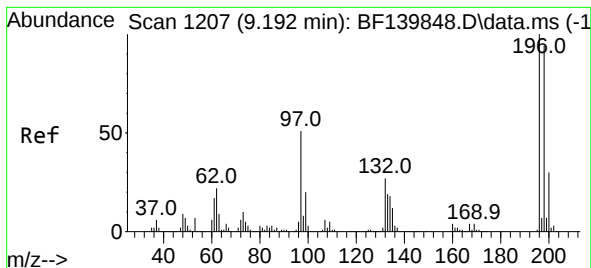


#43
2,4,6-Trichlorophenol
Concen: 44.850 ng
RT: 9.157 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34



Tgt Ion:196 Resp: 245472
Ion Ratio Lower Upper
196 100
198 94.7 76.2 114.2
200 30.0 24.0 36.0





#44

2,4,5-Trichlorophenol

Concen: 43.845 ng

RT: 9.198 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164401BS

Tgt Ion:196 Resp: 247584

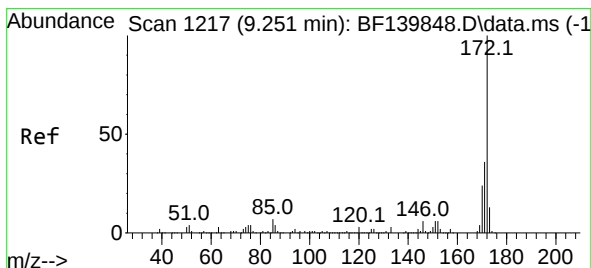
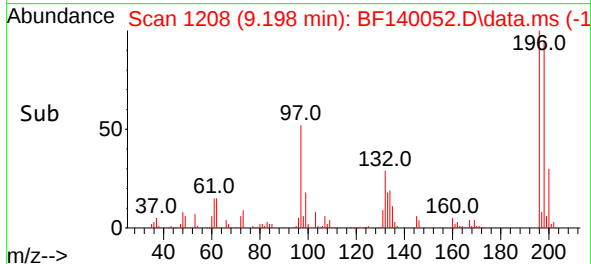
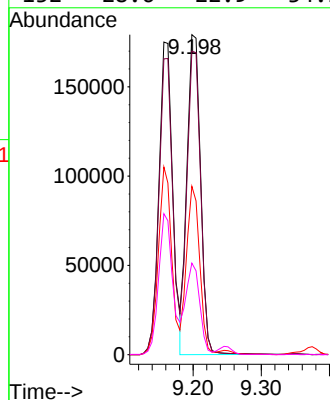
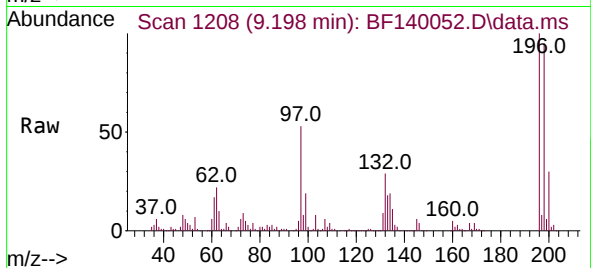
Ion Ratio Lower Upper

196 100

198 94.9 75.8 113.6

97 52.6 41.8 62.6

132 28.6 22.9 34.3



#45

2-Fluorobiphenyl

Concen: 83.853 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

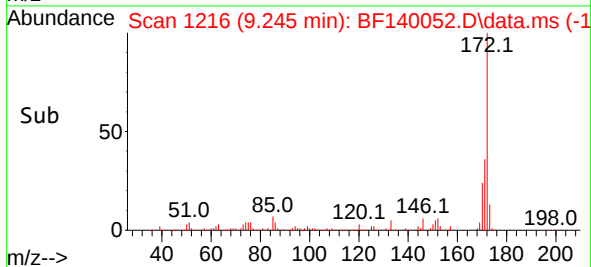
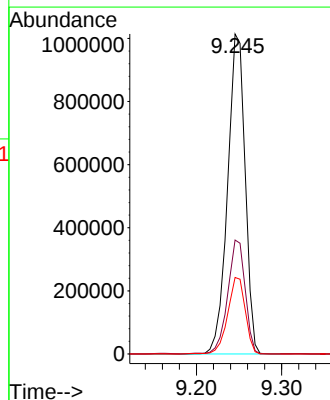
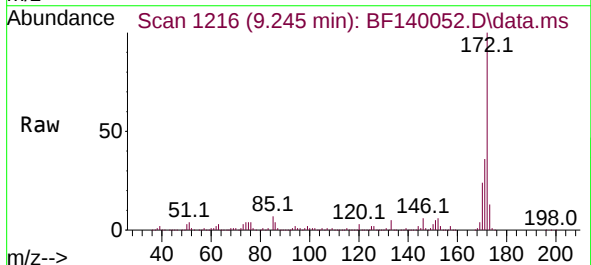
Tgt Ion:172 Resp: 1453842

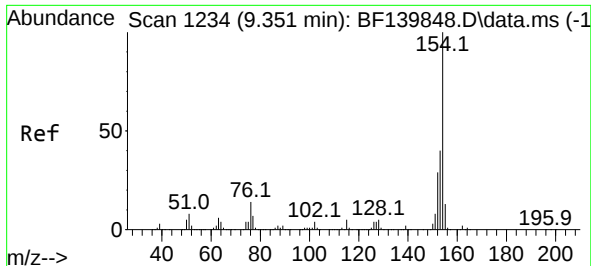
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.9 19.1 28.7

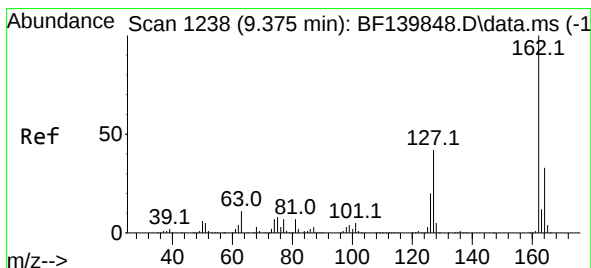
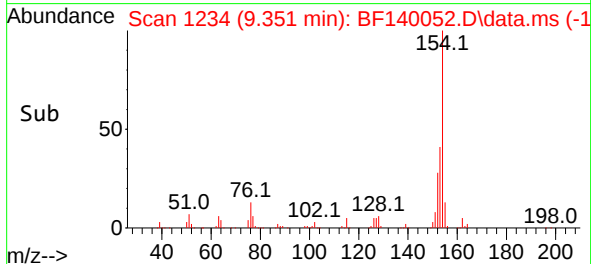
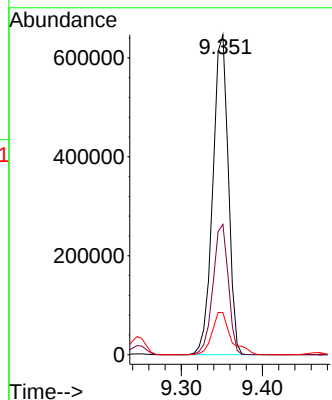
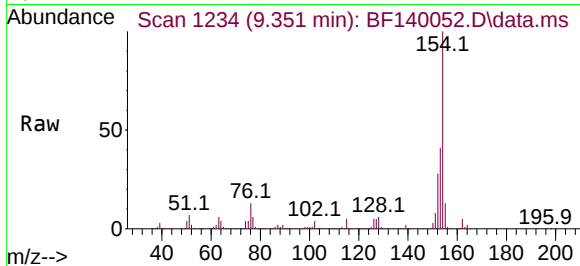




#46
1,1'-Biphenyl
Concen: 42.840 ng
RT: 9.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

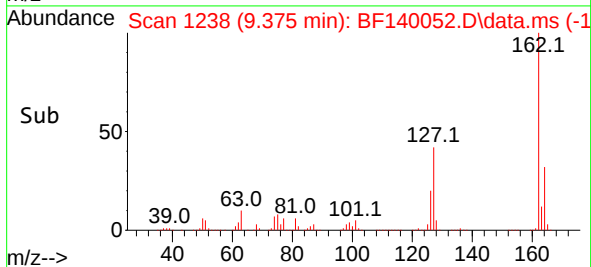
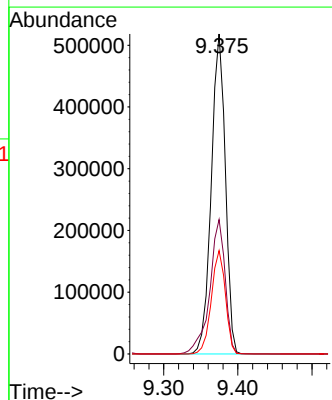
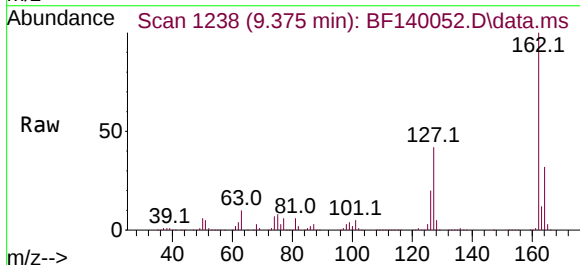
Instrument :
BNA_F
ClientSampleId :
PB164401BS

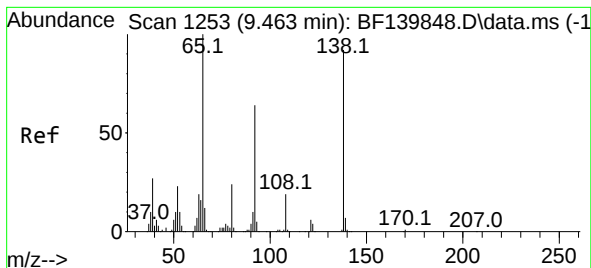
Tgt Ion:154 Resp: 854568
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 13.1 0.0 33.9



#47
2-Chloronaphthalene
Concen: 42.568 ng
RT: 9.375 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion:162 Resp: 683907
Ion Ratio Lower Upper
162 100
127 42.0 33.8 50.6
164 32.3 26.6 39.8





#48

2-Nitroaniline

Concen: 47.690 ng

RT: 9.469 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164401BS

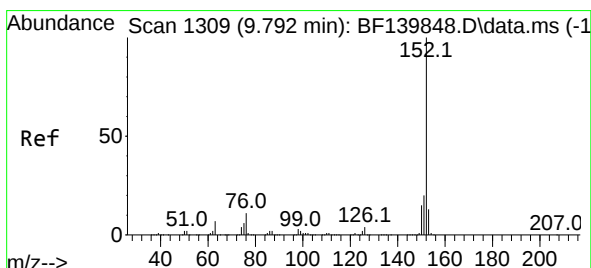
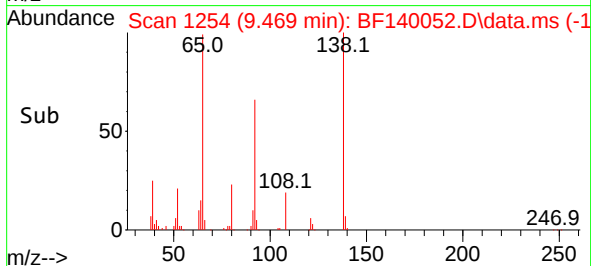
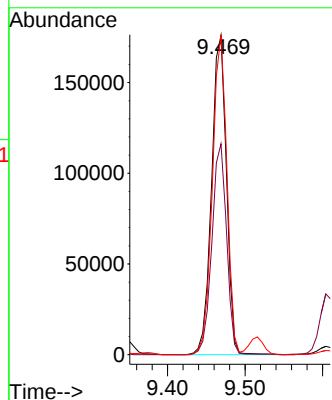
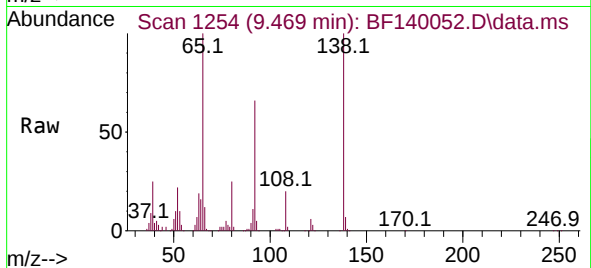
Tgt Ion: 65 Resp: 234337

Ion Ratio Lower Upper

65 100

92 66.0 50.9 76.3

138 100.2 73.4 110.0



#49

Acenaphthylene

Concen: 45.751 ng

RT: 9.792 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

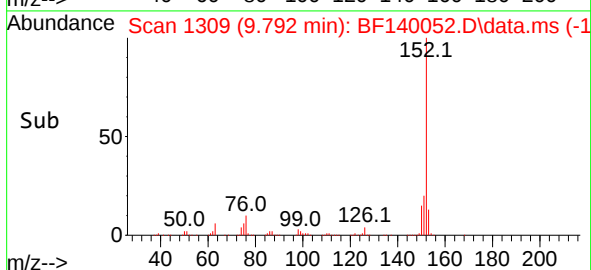
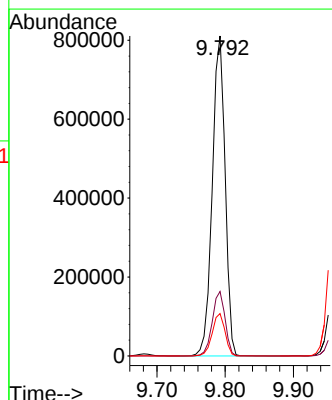
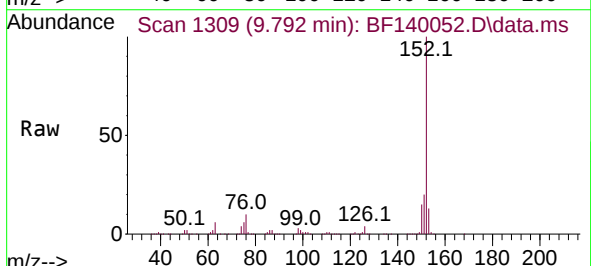
Tgt Ion: 152 Resp: 1062663

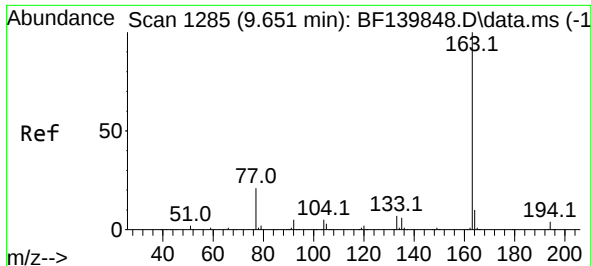
Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.3 10.7 16.1

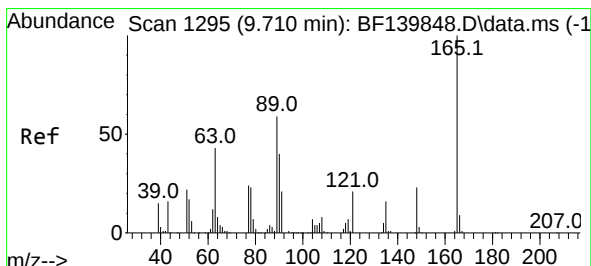
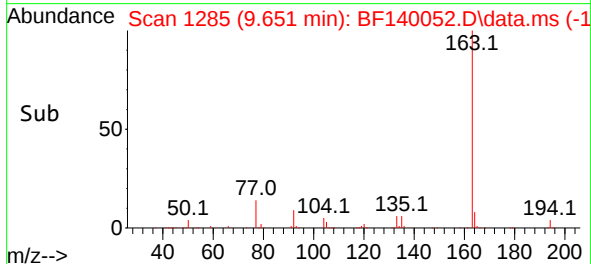
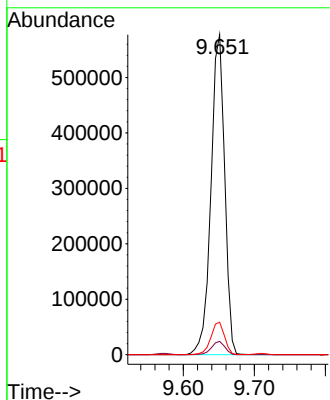
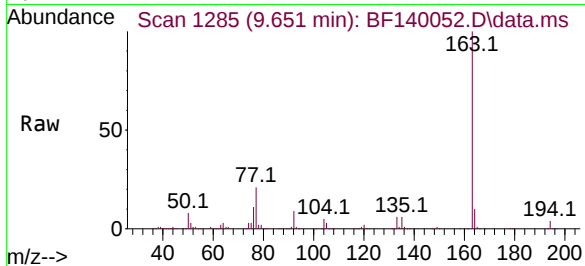




#50
Dimethylphthalate
Concen: 43.379 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

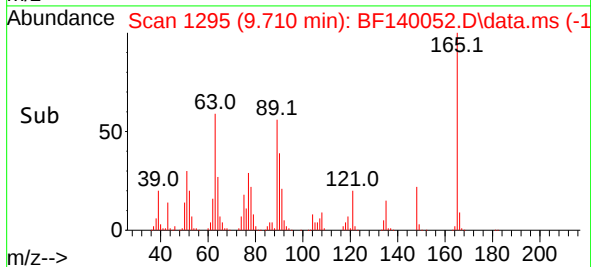
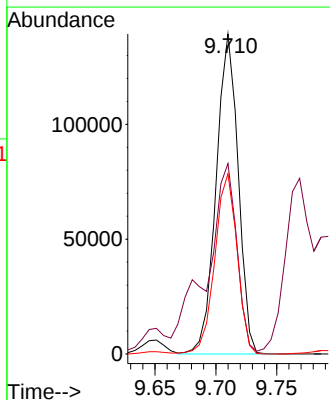
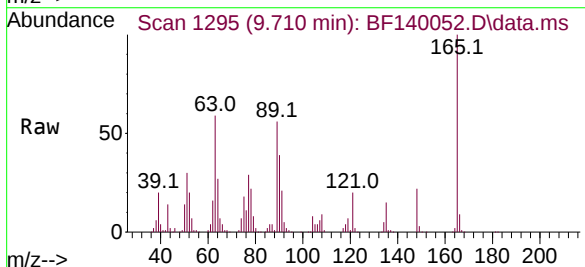
Instrument :
BNA_F
ClientSampleId :
PB164401BS

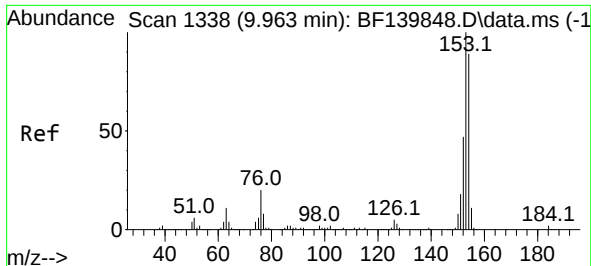
Tgt Ion:163 Resp: 774247
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 45.415 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion:165 Resp: 175507
Ion Ratio Lower Upper
165 100
63 59.5 50.6 75.8
89 56.3 47.5 71.3

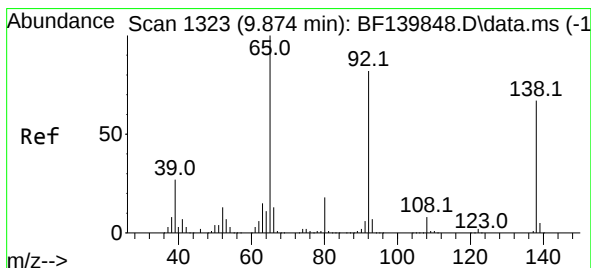
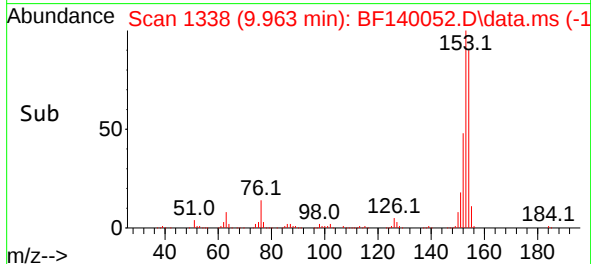
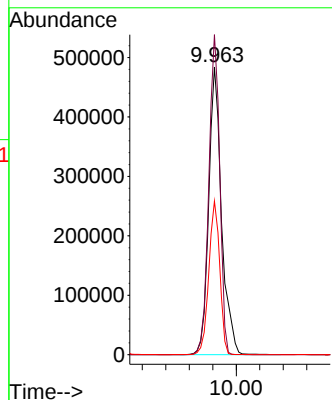
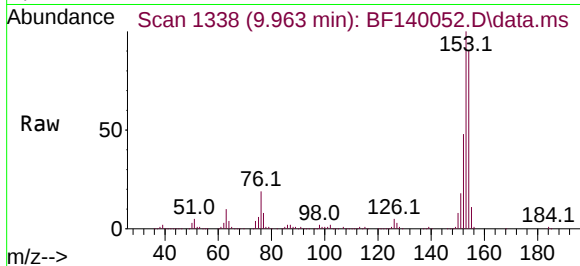




#52
Acenaphthene
Concen: 48.802 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

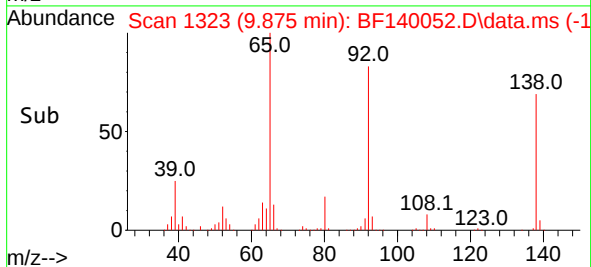
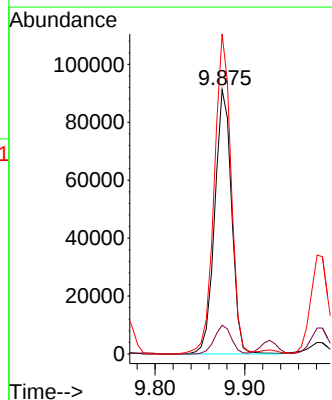
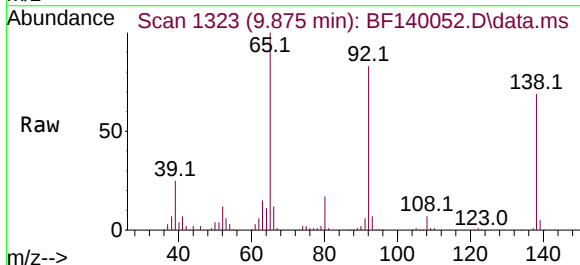
Instrument :
BNA_F
ClientSampleId :
PB164401BS

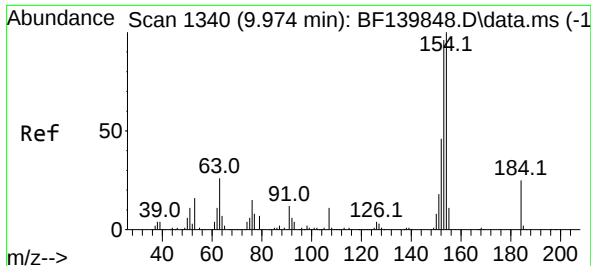
Tgt Ion:154 Resp: 733262
Ion Ratio Lower Upper
154 100
153 111.3 89.8 134.6
152 53.4 42.4 63.6



#53
3-Nitroaniline
Concen: 29.881 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion:138 Resp: 119085
Ion Ratio Lower Upper
138 100
108 10.9 10.2 15.2
92 121.1 98.3 147.5





#54

2,4-Dinitrophenol

Concen: 109.200 ng

RT: 9.986 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164401BS

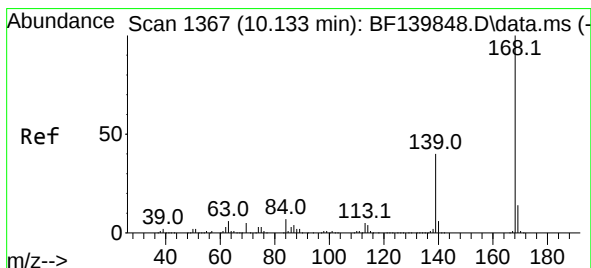
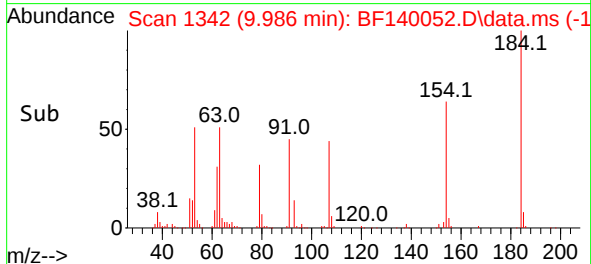
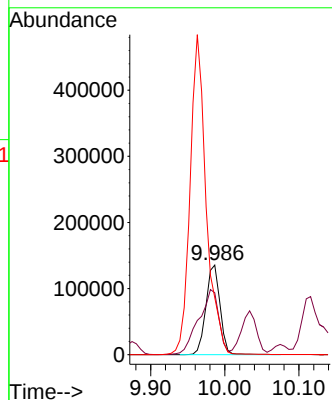
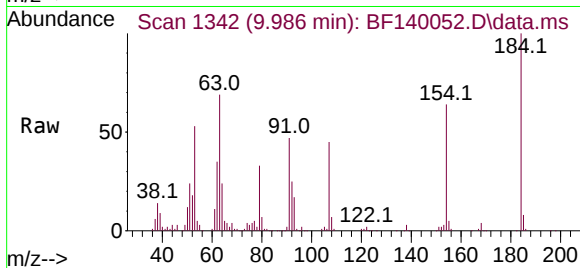
Tgt Ion:184 Resp: 179501

Ion Ratio Lower Upper

184 100

63 69.1 84.7 127.1#

154 63.6 338.2 507.2#



#55

Dibenzofuran

Concen: 43.183 ng

RT: 10.133 min Scan# 1367

Delta R.T. 0.000 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

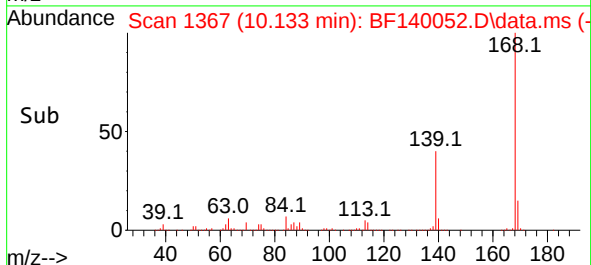
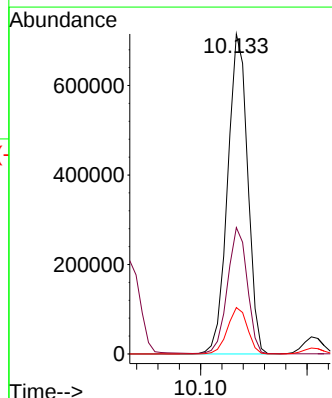
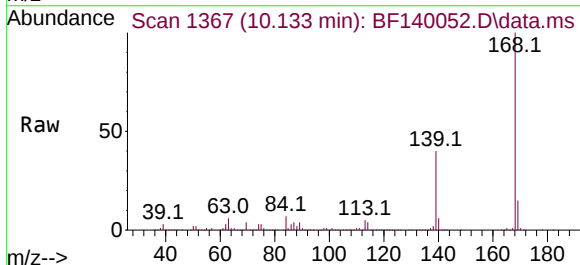
Tgt Ion:168 Resp: 930933

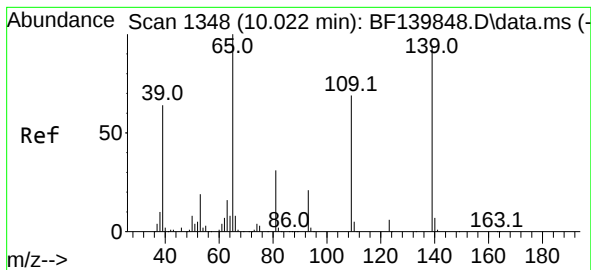
Ion Ratio Lower Upper

168 100

139 39.5 31.8 47.6

169 14.5 11.6 17.4

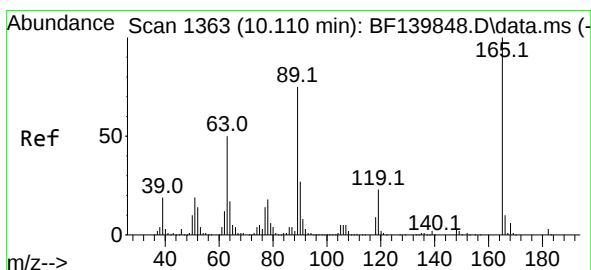
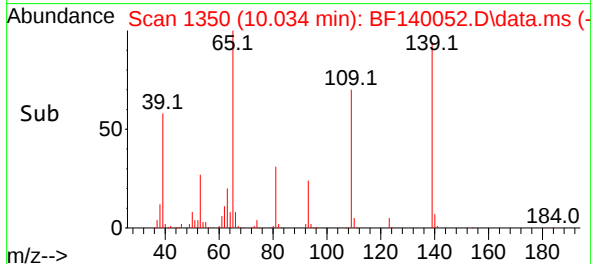
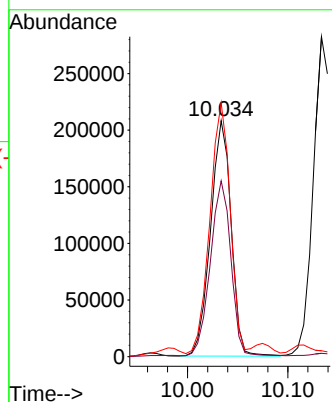
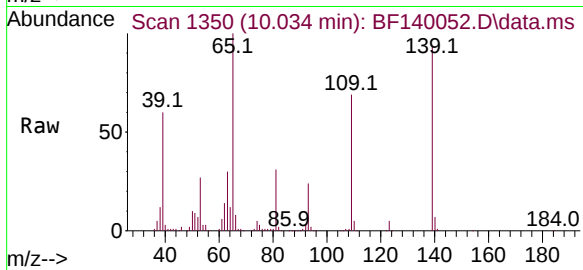




#56
4-Nitrophenol
Concen: 96.911 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

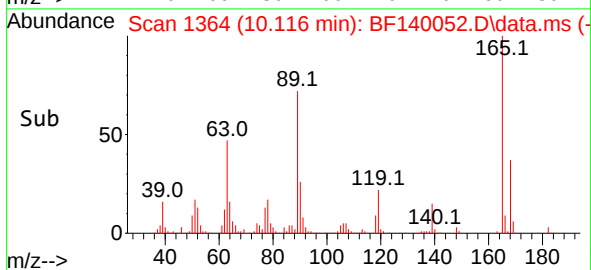
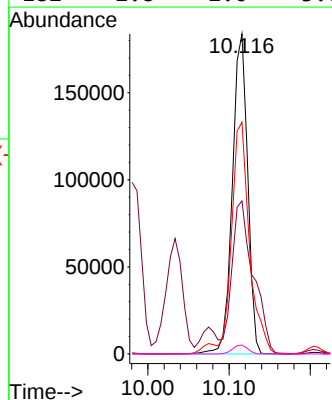
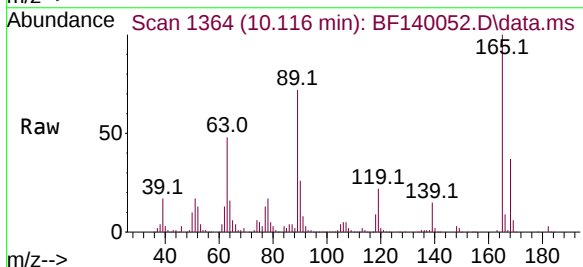
Instrument :
BNA_F
ClientSampleId :
PB164401BS

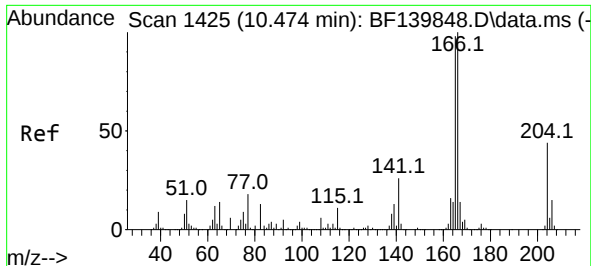
Tgt Ion:	139	Resp:	297136
Ion	Ratio	Lower	Upper
139	100		
109	74.5	53.6	93.6
65	107.6	87.8	127.8



#57
2,4-Dinitrotoluene
Concen: 50.437 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion:	165	Resp:	239693
Ion	Ratio	Lower	Upper
165	100		
63	47.8	40.1	60.1
89	72.4	60.4	90.6
182	2.8	2.0	3.0

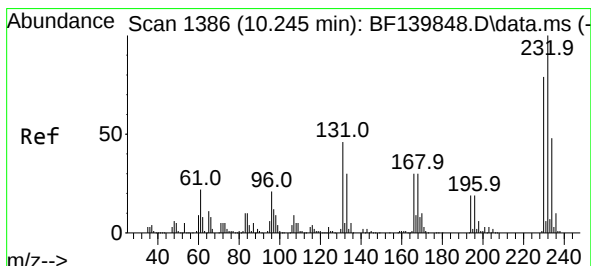
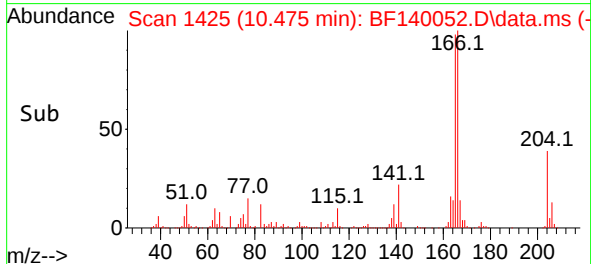
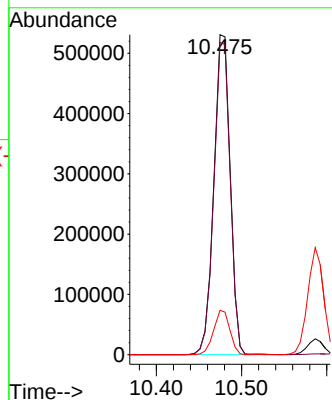
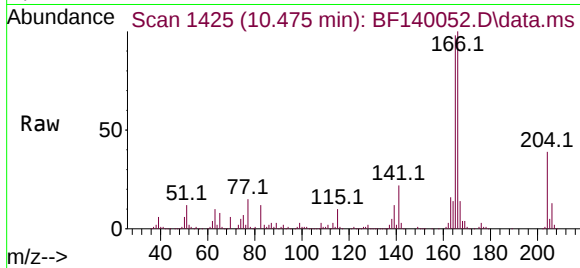




#58
 Fluorene
 Concen: 43.293 ng
 RT: 10.475 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: BF140052.D
 Acq: 26 Oct 2024 11:34

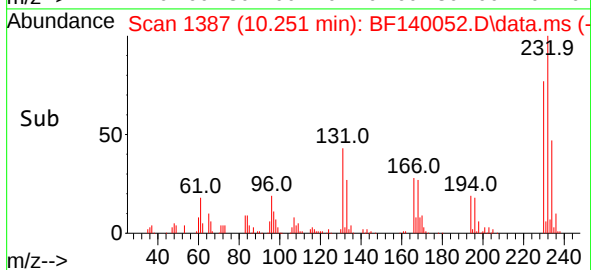
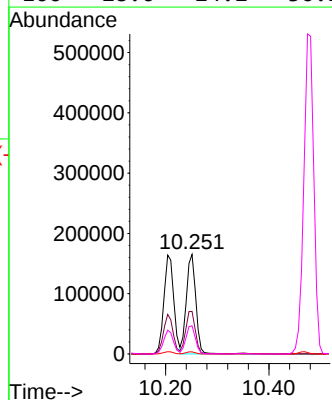
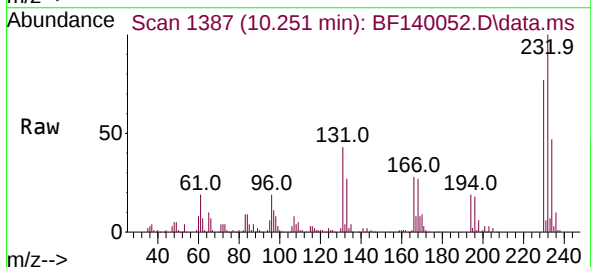
Instrument :
 BNA_F
 ClientSampleId :
 PB164401BS

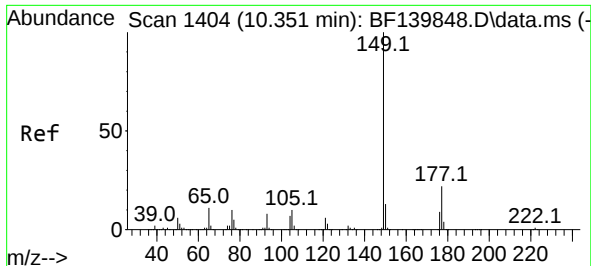
Tgt Ion:166 Resp: 710862
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.5 117.7
 167 13.9 10.9 16.3



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.393 ng
 RT: 10.251 min Scan# 1387
 Delta R.T. 0.006 min
 Lab File: BF140052.D
 Acq: 26 Oct 2024 11:34

Tgt Ion:232 Resp: 209794
 Ion Ratio Lower Upper
 232 100
 131 43.8 37.0 55.6
 130 2.1 1.9 2.9
 166 28.6 24.2 36.2

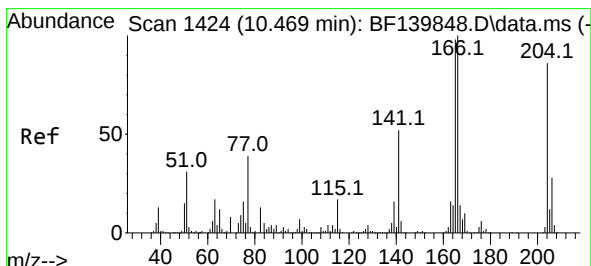
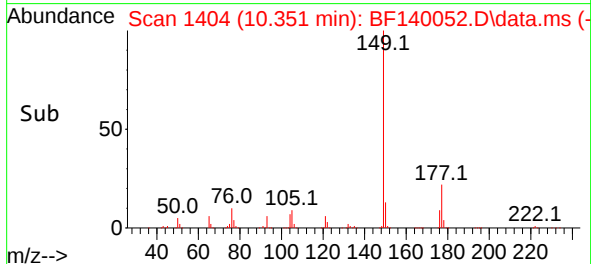
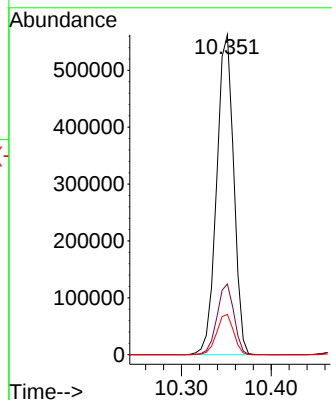
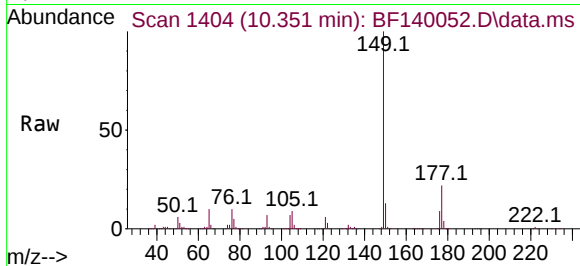




#60
Diethylphthalate
Concen: 42.392 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

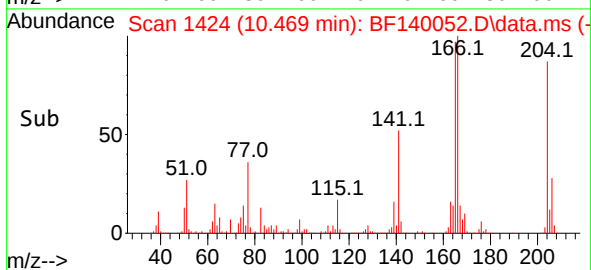
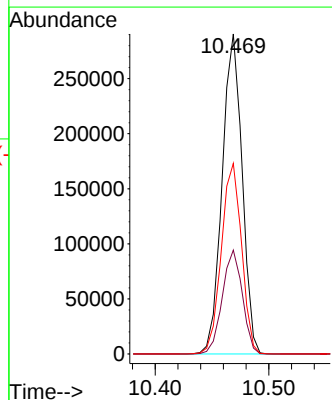
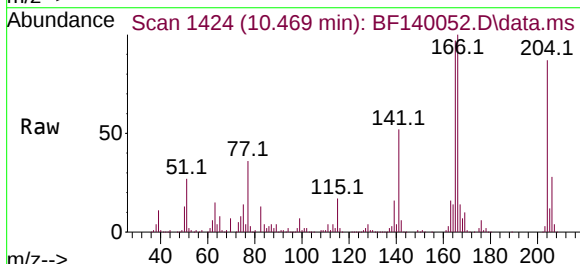
Instrument :
BNA_F
ClientSampleId :
PB164401BS

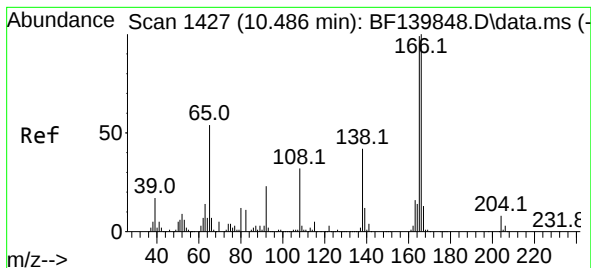
Tgt Ion:149 Resp: 742904
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.6 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 42.763 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion:204 Resp: 354589
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 59.5 48.6 73.0

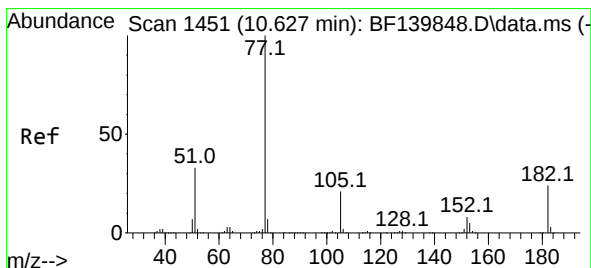
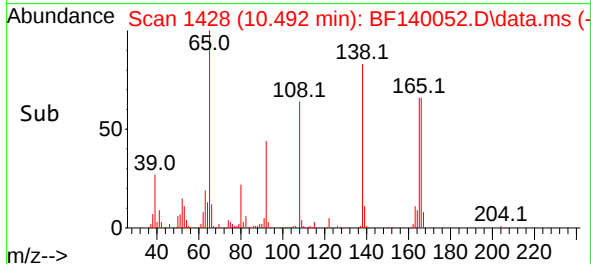
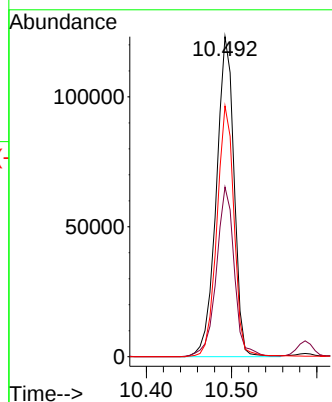
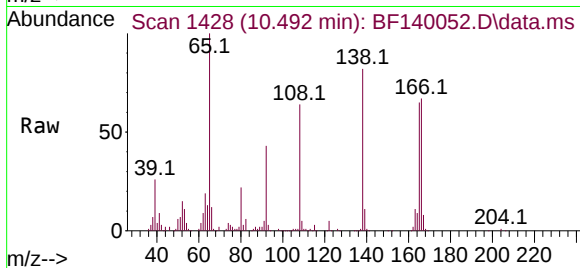




#62
4-Nitroaniline
Concen: 47.364 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

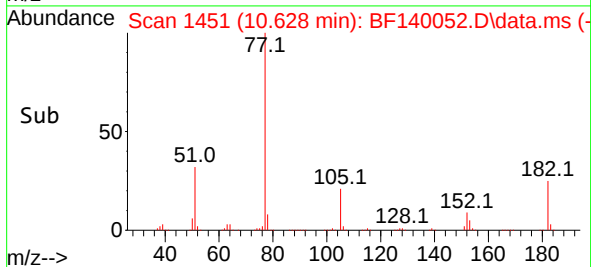
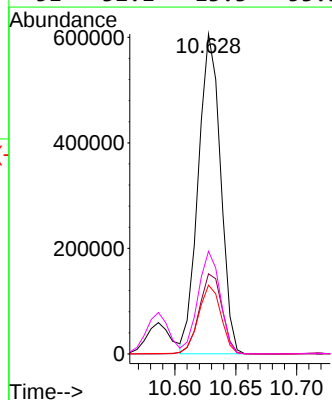
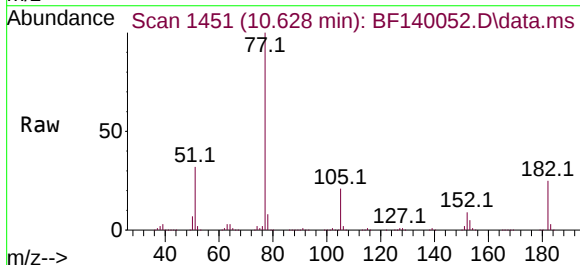
Instrument :
BNA_F
ClientSampleId :
PB164401BS

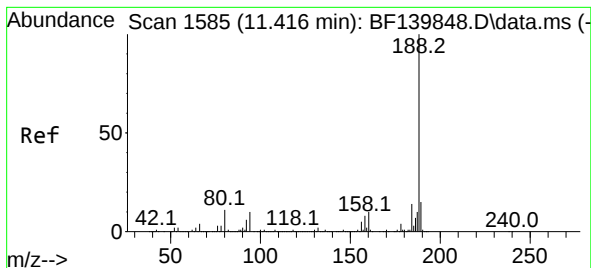
Tgt Ion:138 Resp: 178276
Ion Ratio Lower Upper
138 100
92 53.0 35.7 75.7
108 78.3 57.5 97.5



#63
Azobenzene
Concen: 41.466 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion: 77 Resp: 770383
Ion Ratio Lower Upper
77 100
182 25.1 3.3 43.3
105 21.5 1.2 41.2
51 32.1 13.3 53.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164401BS

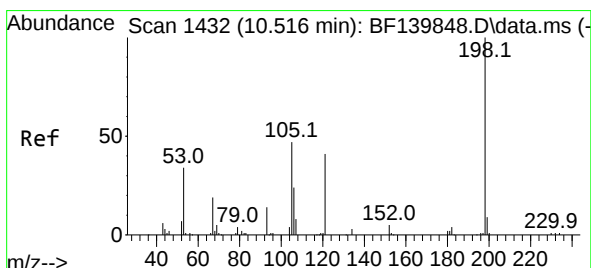
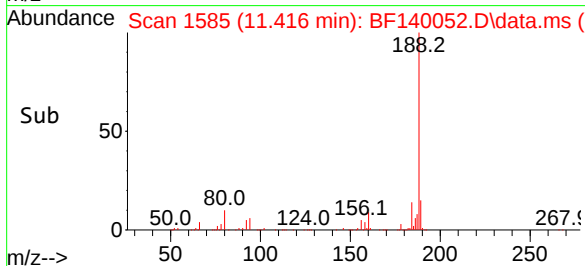
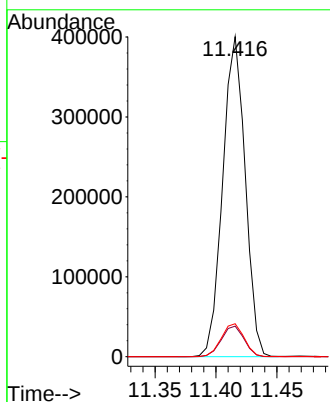
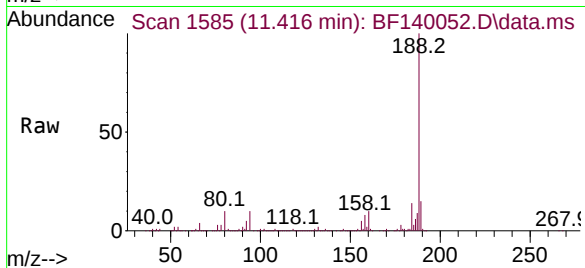
Tgt Ion:188 Resp: 514956

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.3 9.0 13.4



#65

4,6-Dinitro-2-methylphenol

Concen: 60.996 ng

RT: 10.522 min Scan# 1433

Delta R.T. 0.006 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

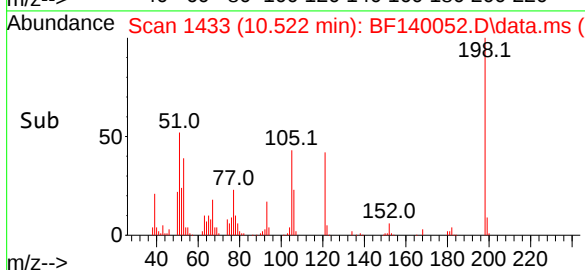
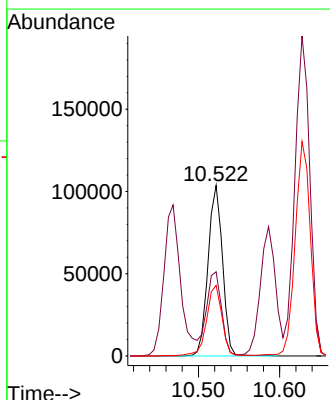
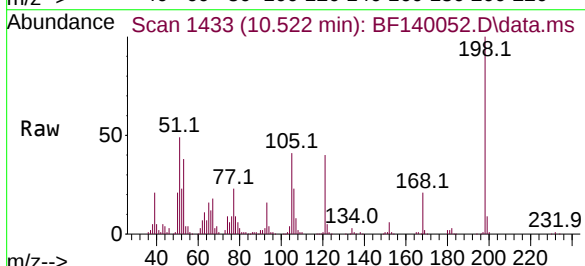
Tgt Ion:198 Resp: 128121

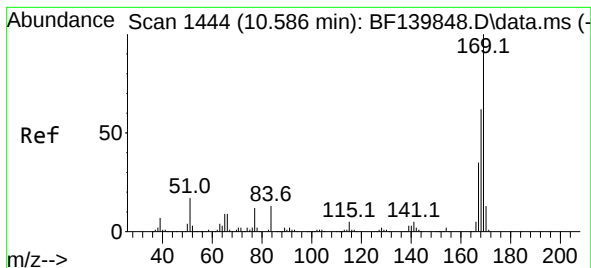
Ion Ratio Lower Upper

198 100

51 49.4 38.2 78.2

105 41.4 27.9 67.9

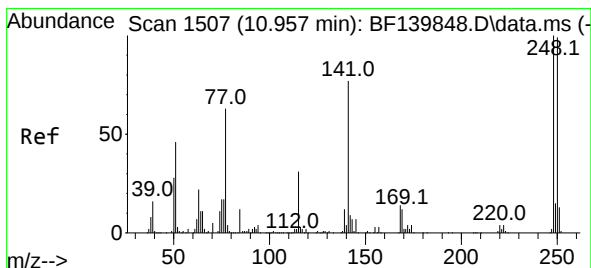
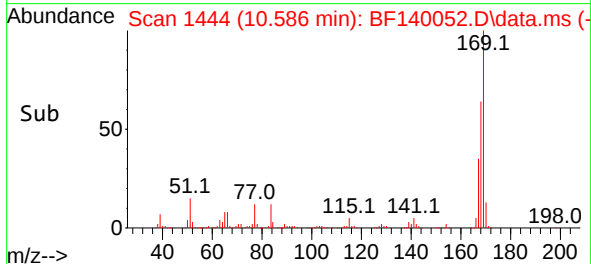
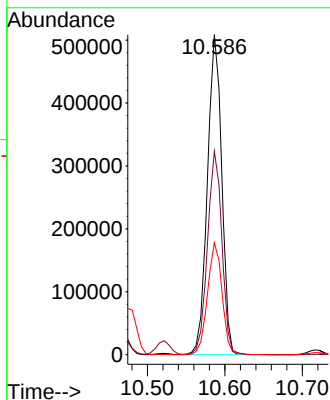
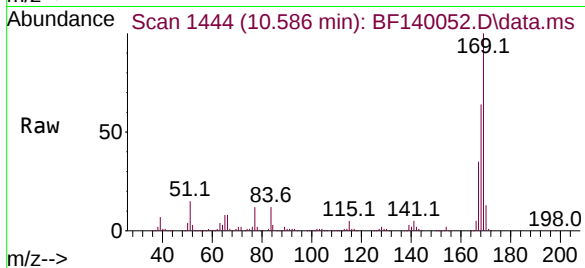




#66
n-Nitrosodiphenylamine
Concen: 42.342 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

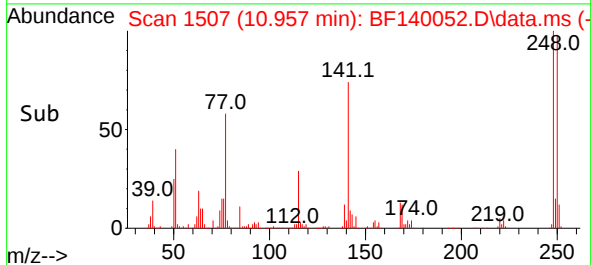
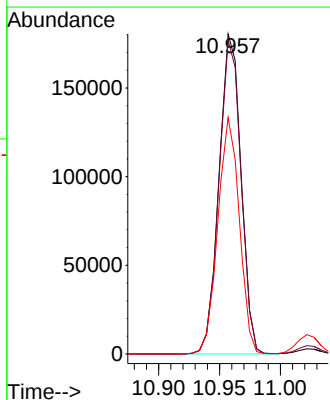
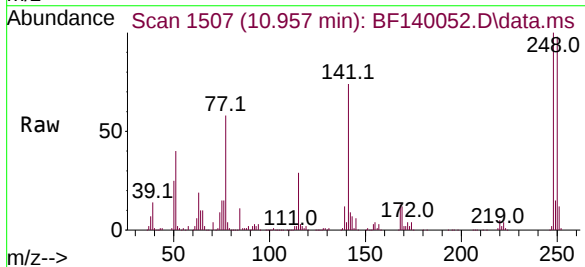
Instrument :
BNA_F
ClientSampleId :
PB164401BS

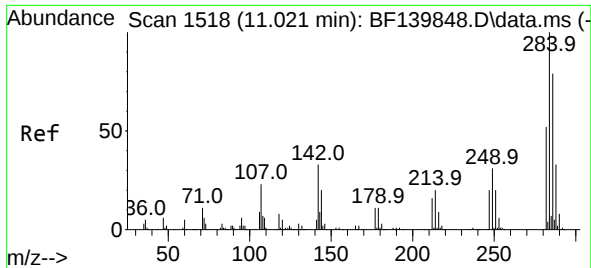
Tgt Ion:169 Resp: 652591
Ion Ratio Lower Upper
169 100
168 63.6 49.8 74.6
167 34.9 28.0 42.0



#67
4-Bromophenyl-phenylether
Concen: 42.848 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion:248 Resp: 227307
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.6
141 73.9 61.7 92.5

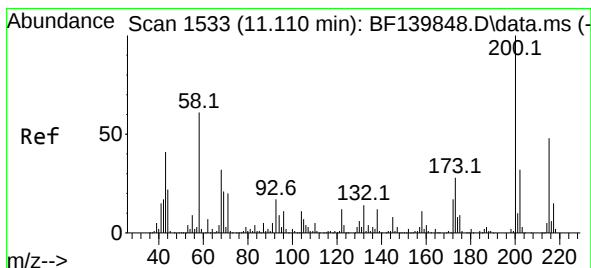
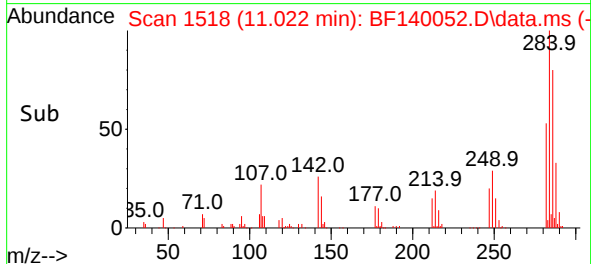
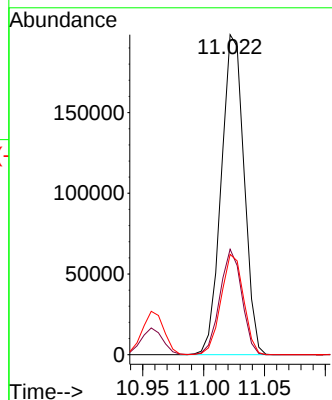
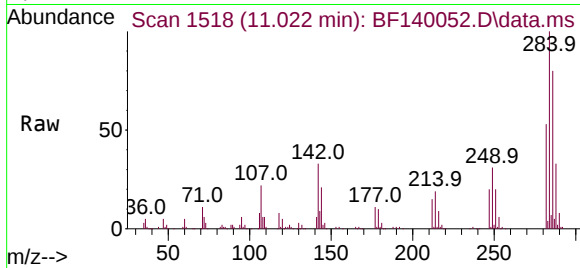




#68
Hexachlorobenzene
Concen: 43.305 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

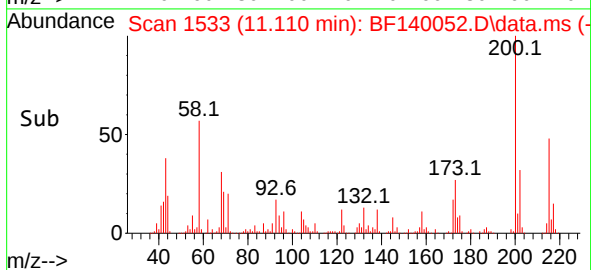
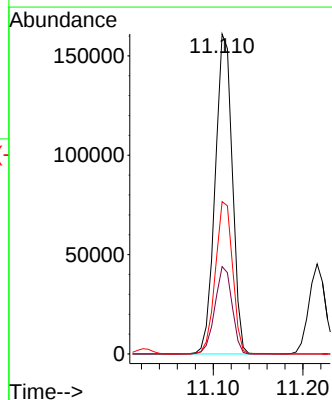
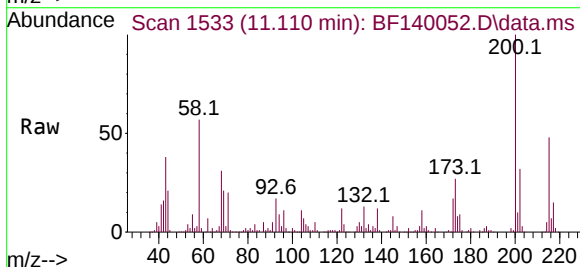
Instrument :
BNA_F
ClientSampleId :
PB164401BS

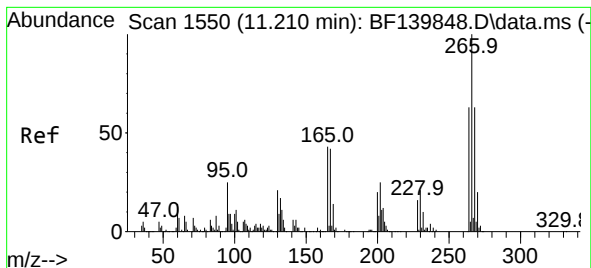
Tgt Ion:284 Resp: 258374
Ion Ratio Lower Upper
284 100
142 33.0 26.9 40.3
249 31.4 25.3 37.9



#69
Atrazine
Concen: 51.244 ng
RT: 11.110 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion:200 Resp: 213946
Ion Ratio Lower Upper
200 100
173 27.3 7.7 47.7
215 47.6 27.7 67.7





#70

Pentachlorophenol

Concen: 87.799 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164401BS

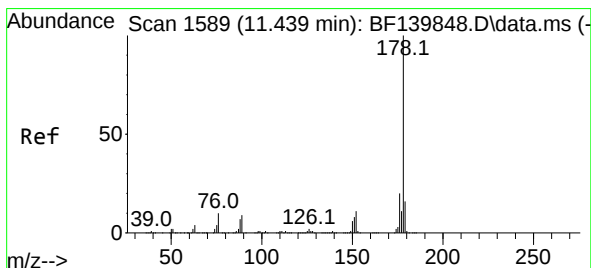
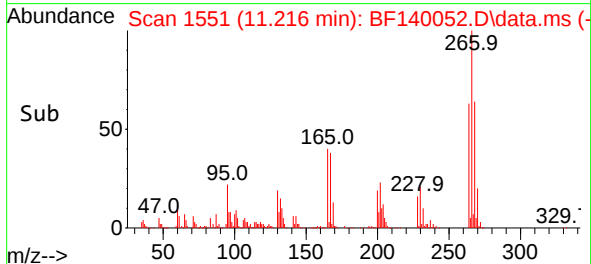
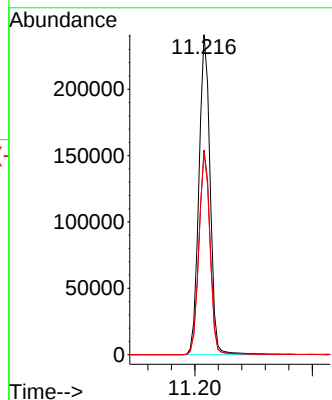
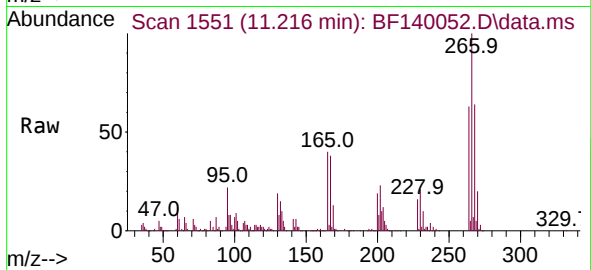
Tgt Ion:266 Resp: 317923

Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 63.3 50.6 75.8



#71

Phenanthrene

Concen: 44.363 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

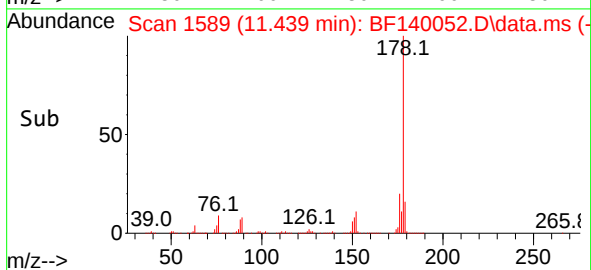
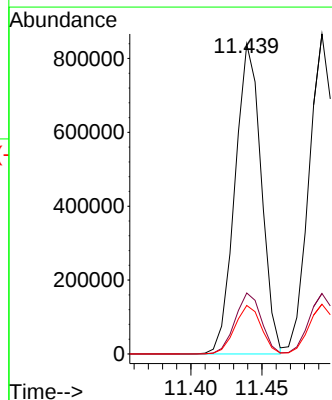
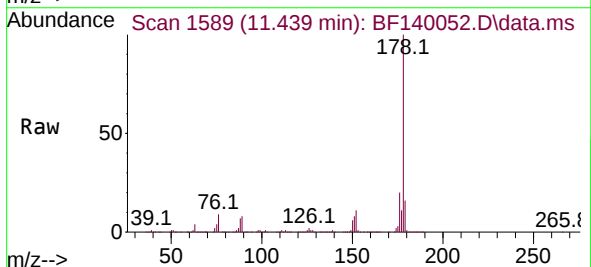
Tgt Ion:178 Resp: 1079100

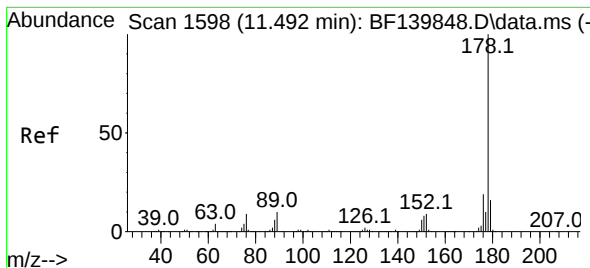
Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.7 12.6 18.8





#72

Anthracene

Concen: 46.061 ng

RT: 11.492 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164401BS

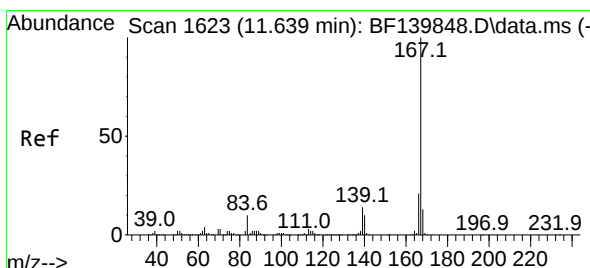
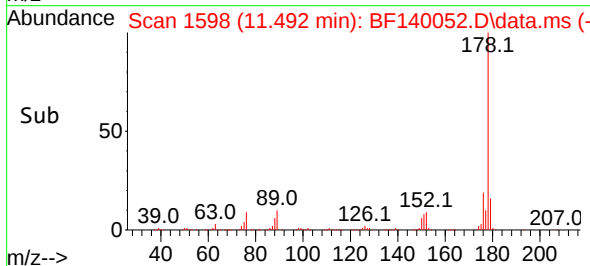
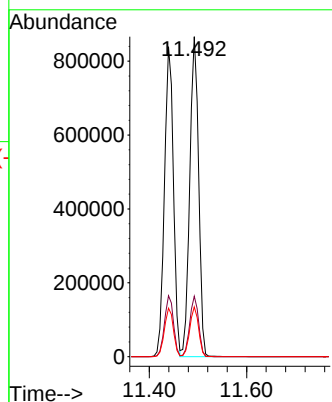
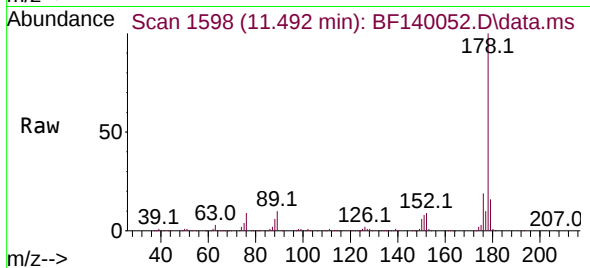
Tgt Ion:178 Resp: 1093172

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.5 12.4 18.6



#73

Carbazole

Concen: 43.616 ng

RT: 11.645 min Scan# 1624

Delta R.T. 0.006 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

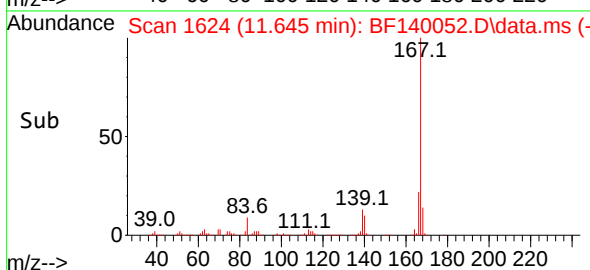
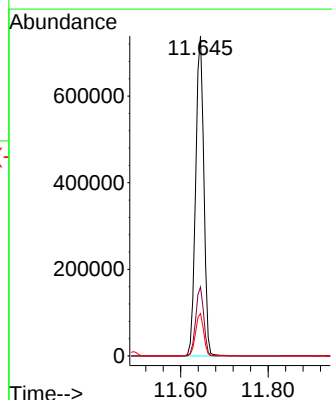
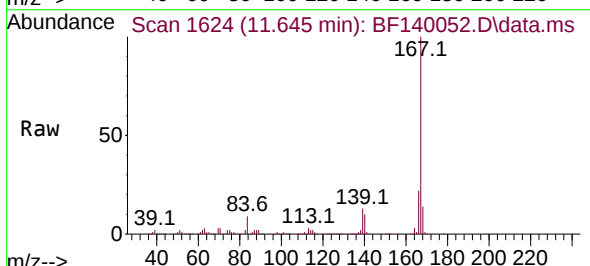
Tgt Ion:167 Resp: 962703

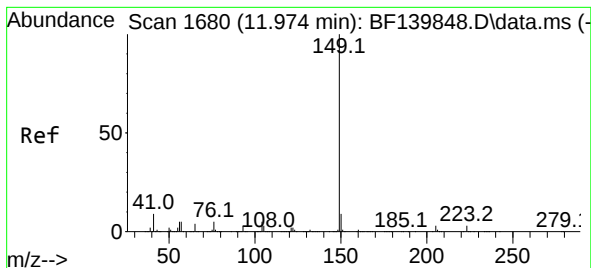
Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

139 13.2 10.8 16.2

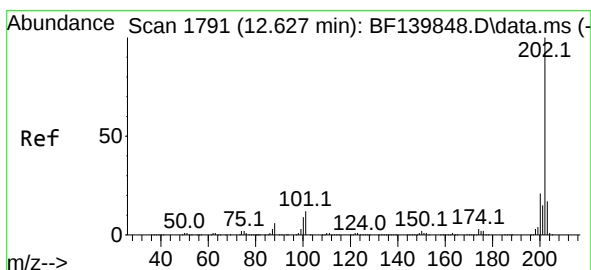
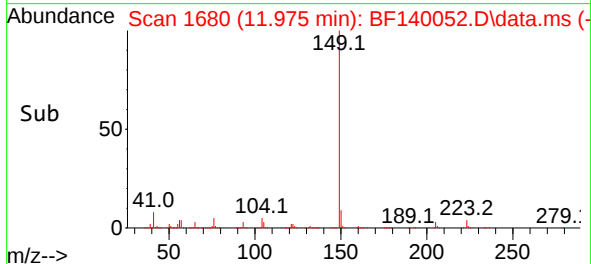
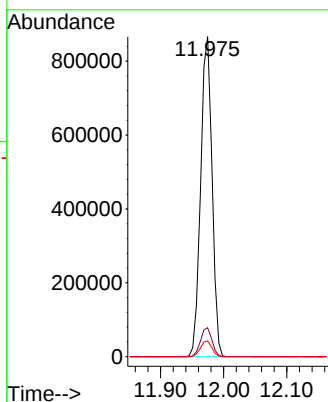
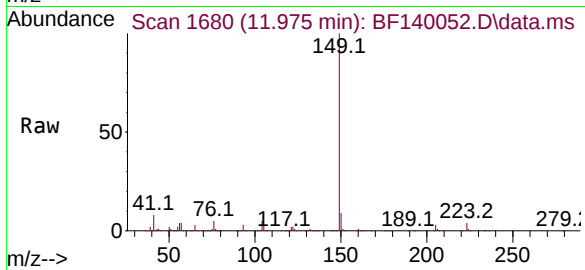




#74
Di-n-butylphthalate
Concen: 42.635 ng
RT: 11.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

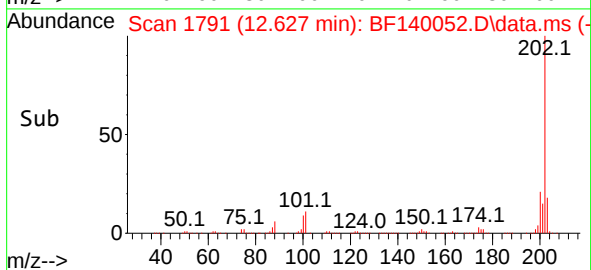
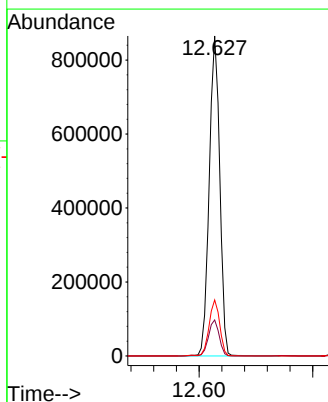
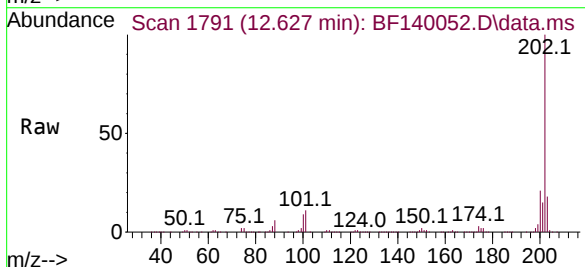
Instrument :
BNA_F
ClientSampleId :
PB164401BS

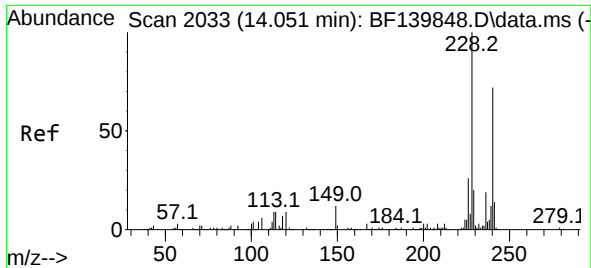
Tgt Ion:149 Resp: 1087234
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 4.9 4.1 6.1



#75
Fluoranthene
Concen: 45.059 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion:202 Resp: 1108012
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.9
203 17.5 0.0 37.5

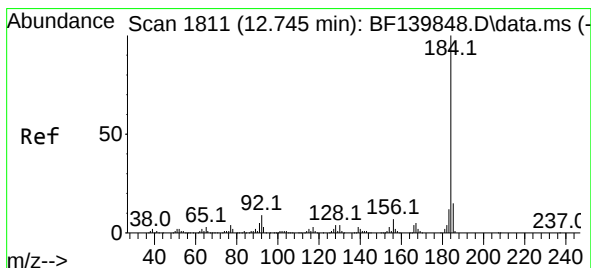
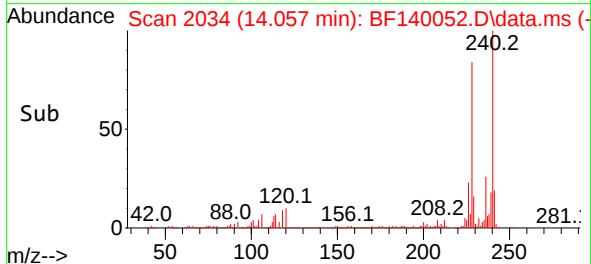
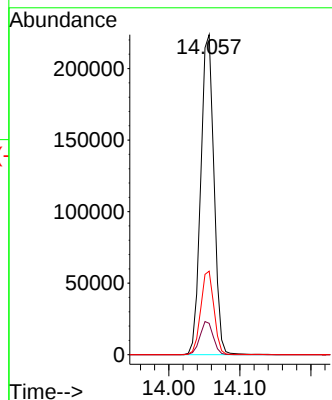
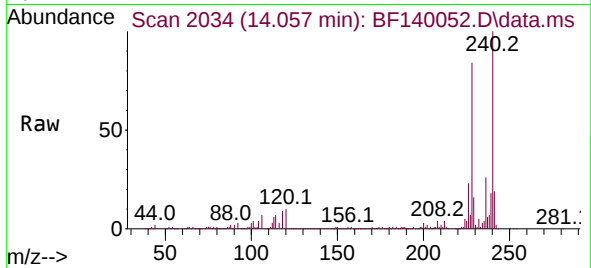




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

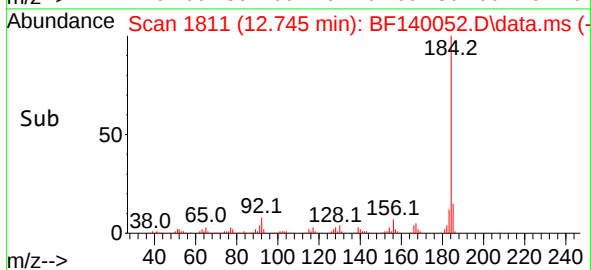
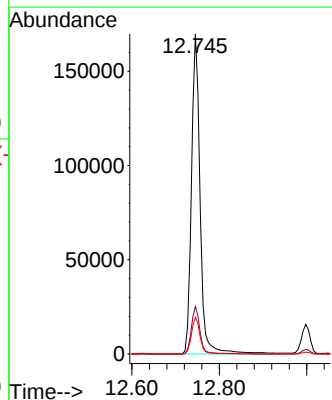
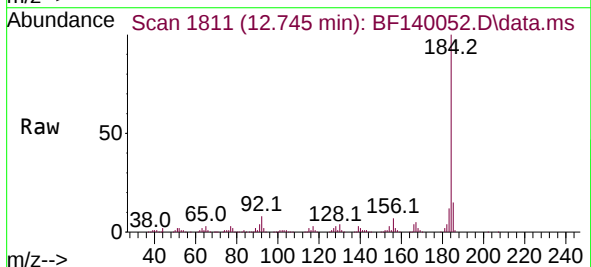
Instrument :
BNA_F
ClientSampleId :
PB164401BS

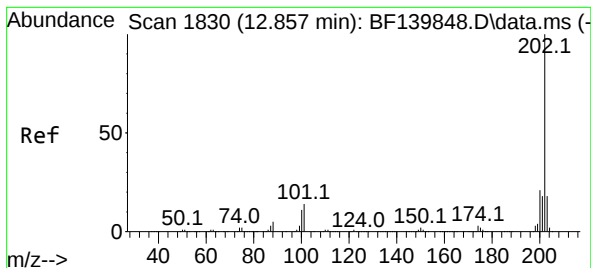
Tgt Ion:240 Resp: 290190
Ion Ratio Lower Upper
240 100
120 9.8 9.4 14.2
236 26.1 20.9 31.3



#77
Benzidine
Concen: 48.912 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion:184 Resp: 233393
Ion Ratio Lower Upper
184 100
185 14.8 12.0 18.0
183 11.5 9.4 14.2





#78

Pyrene

Concen: 44.878 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164401BS

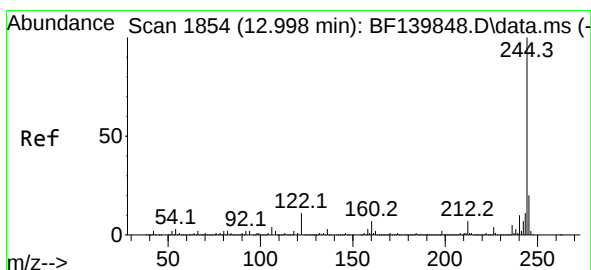
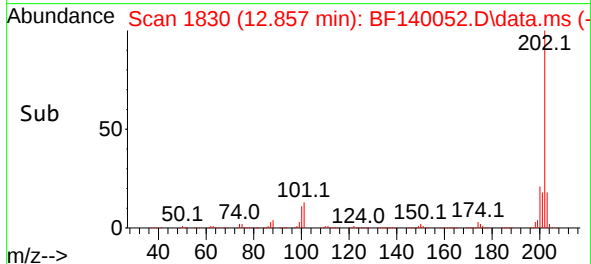
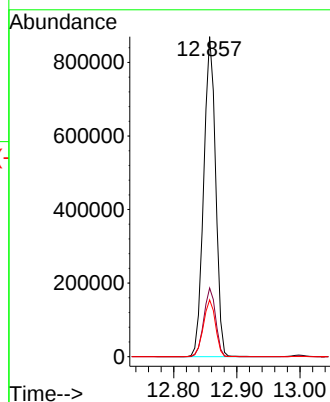
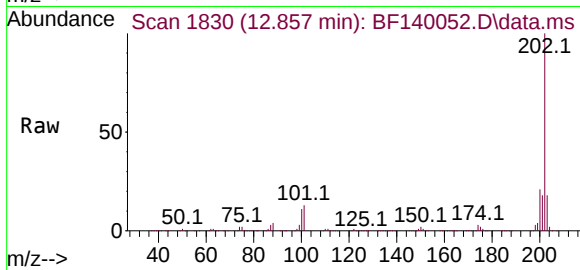
Tgt Ion:202 Resp: 1139954

Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.8 14.2 21.4



#79

Terphenyl-d14

Concen: 87.871 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

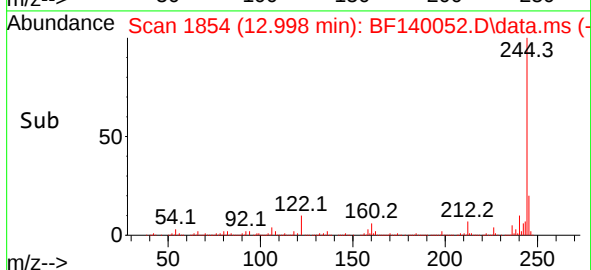
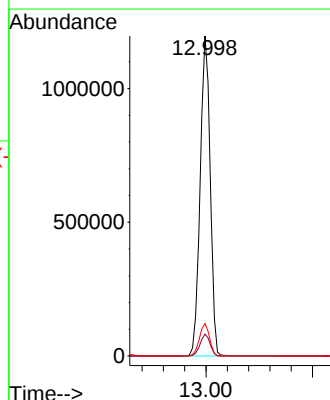
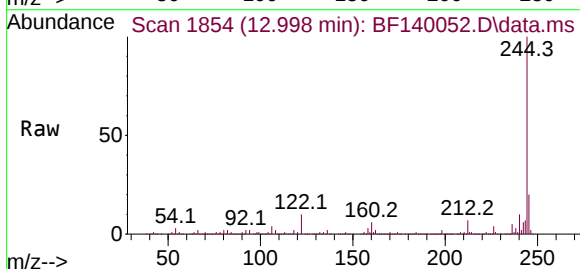
Tgt Ion:244 Resp: 1564872

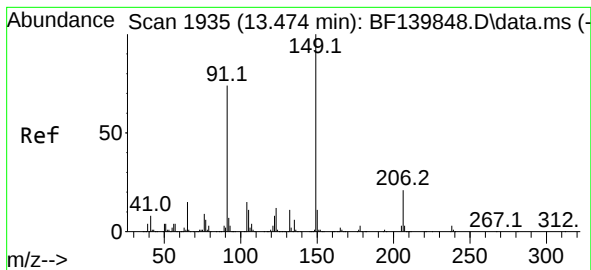
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.1 8.6 13.0

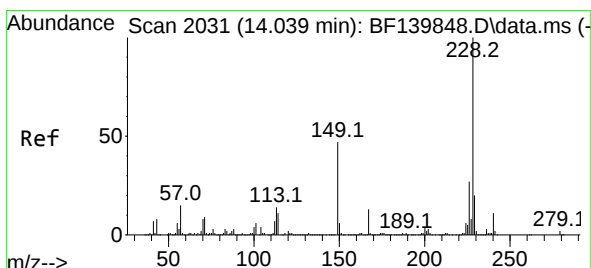
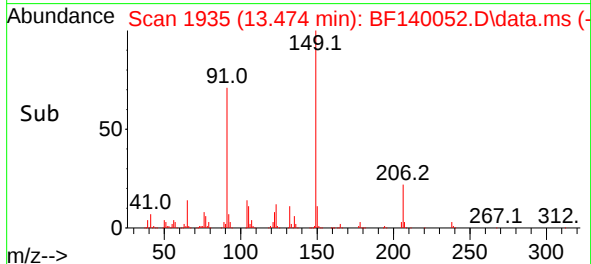
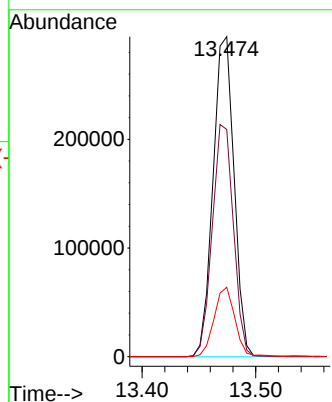
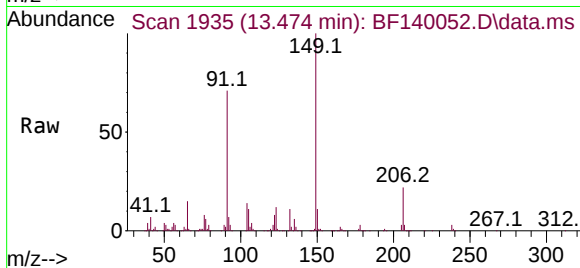




#80
Butylbenzylphthalate
Concen: 49.883 ng
RT: 13.474 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

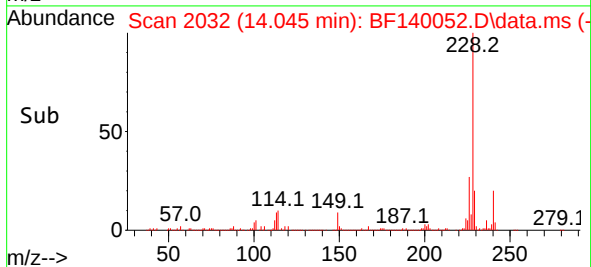
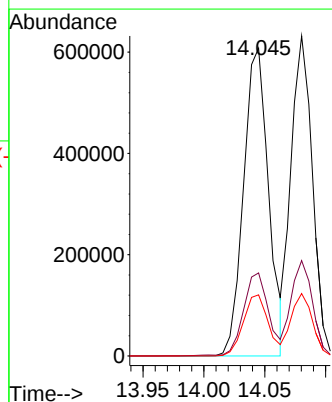
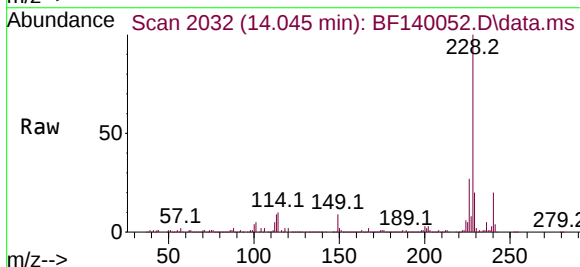
Instrument :
BNA_F
ClientSampleId :
PB164401BS

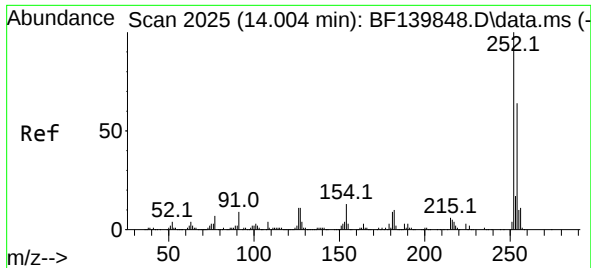
Tgt Ion:149 Resp: 379877
Ion Ratio Lower Upper
149 100
91 71.0 59.4 89.2
206 21.7 16.4 24.6



#81
Benzo(a)anthracene
Concen: 45.972 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion:228 Resp: 868429
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.8 16.1 24.1

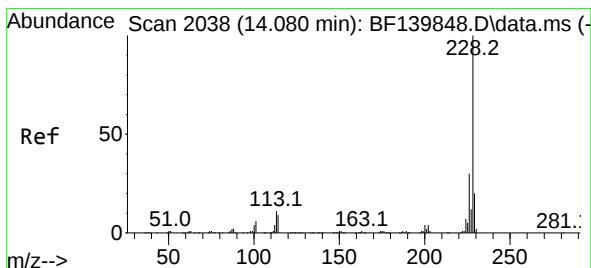
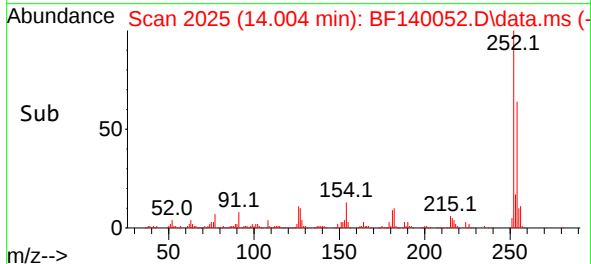
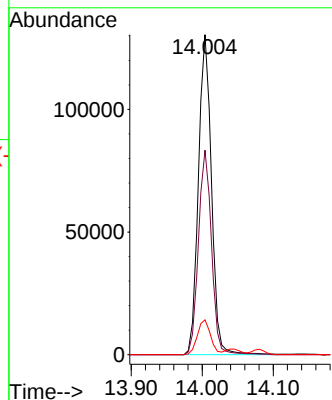
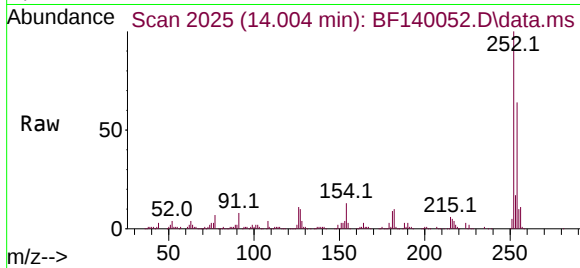




#82
3,3'-Dichlorobenzidine
Concen: 30.393 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

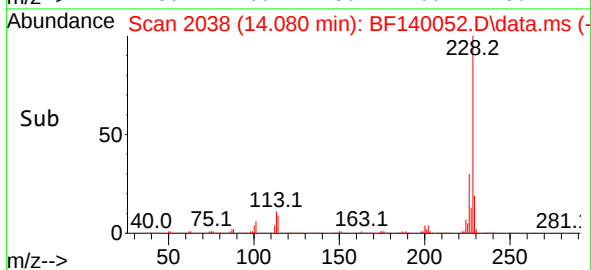
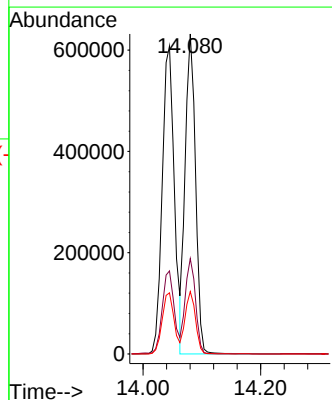
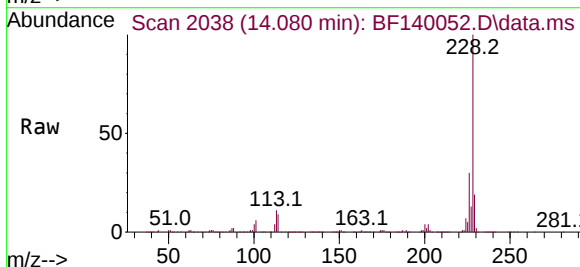
Instrument :
BNA_F
ClientSampleId :
PB164401BS

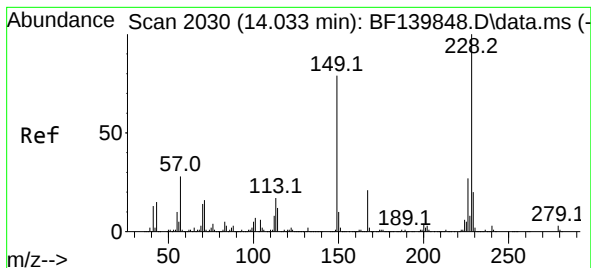
Tgt Ion:252 Resp: 167400
Ion Ratio Lower Upper
252 100
254 63.9 50.8 76.2
126 10.9 8.9 13.3



#83
Chrysene
Concen: 44.828 ng
RT: 14.080 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF140052.D
Acq: 26 Oct 2024 11:34

Tgt Ion:228 Resp: 776429
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 19.5 15.8 23.6

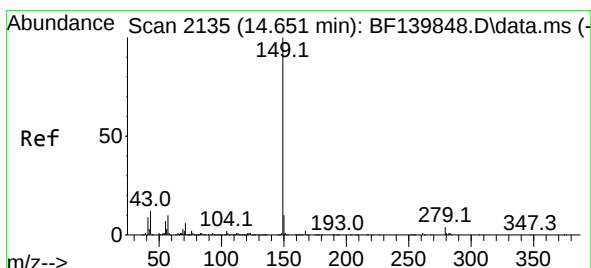
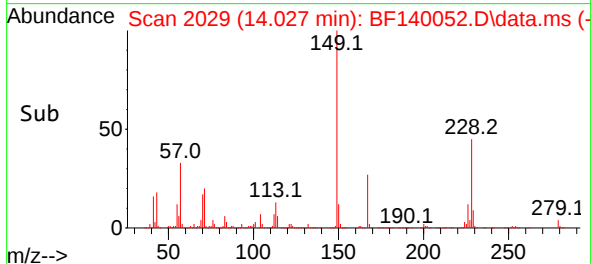
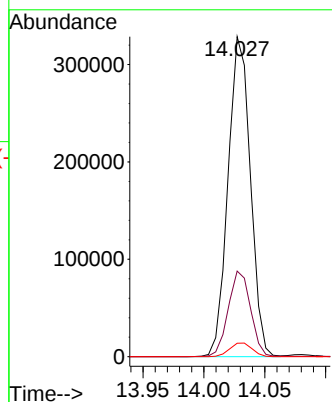
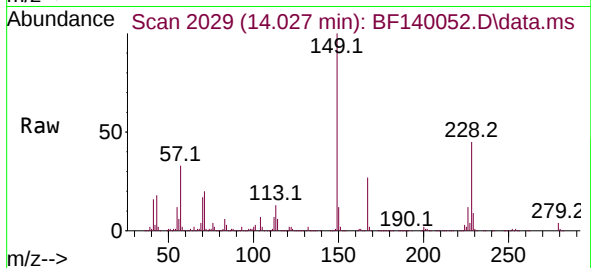




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.087 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. -0.006 min
 Lab File: BF140052.D
 Acq: 26 Oct 2024 11:34

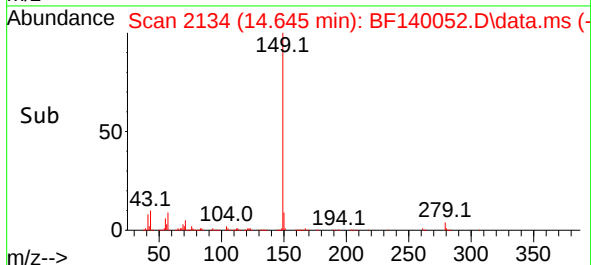
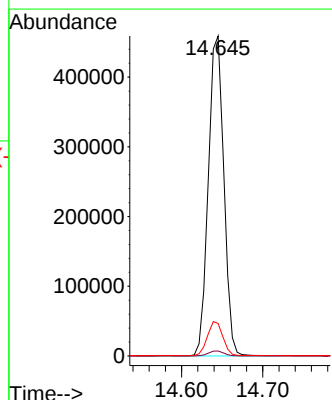
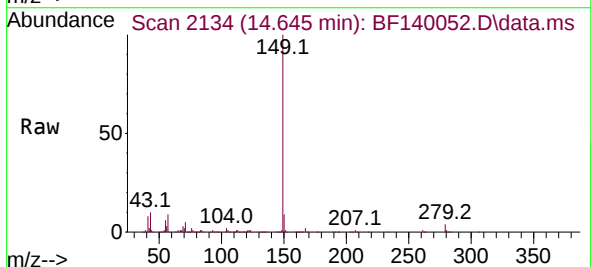
Instrument :
 BNA_F
 ClientSampleId :
 PB164401BS

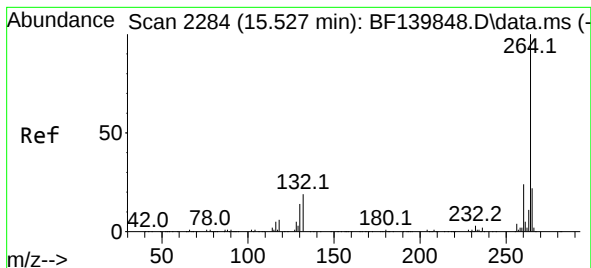
Tgt Ion:149 Resp: 419403
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.4 32.0
 279 4.2 3.0 4.4



#85
 Di-n-octyl phthalate
 Concen: 39.162 ng
 RT: 14.645 min Scan# 2134
 Delta R.T. -0.006 min
 Lab File: BF140052.D
 Acq: 26 Oct 2024 11:34

Tgt Ion:149 Resp: 608593
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.7 9.8 14.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164401BS

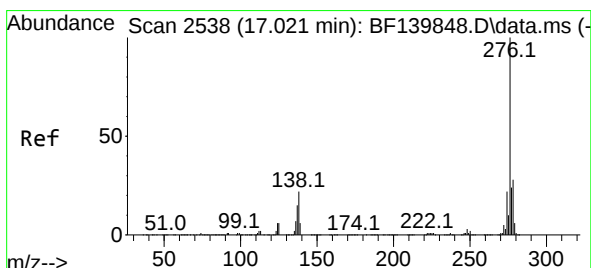
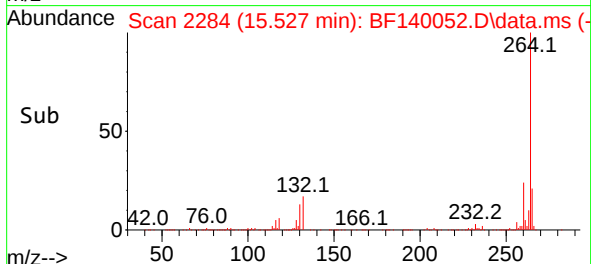
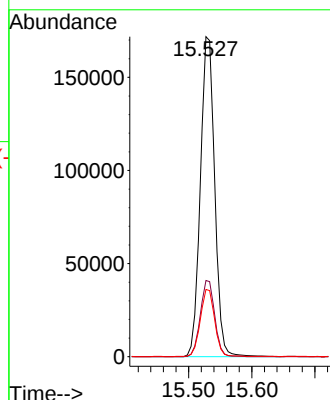
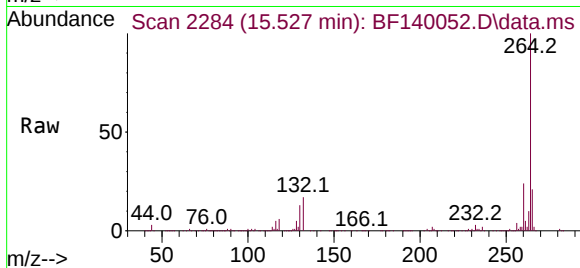
Tgt Ion:264 Resp: 270508

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.0 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 46.194 ng

RT: 17.033 min Scan# 2540

Delta R.T. 0.012 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

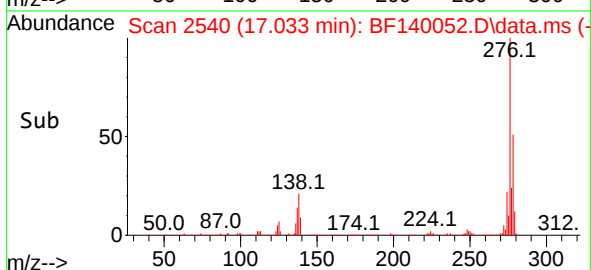
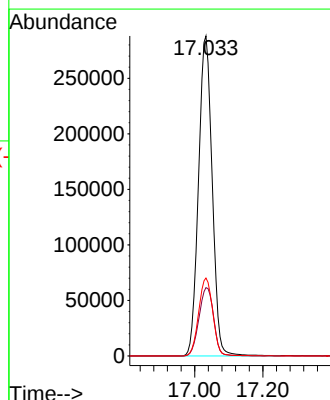
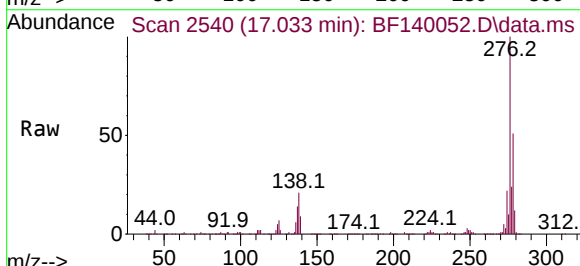
Tgt Ion:276 Resp: 803896

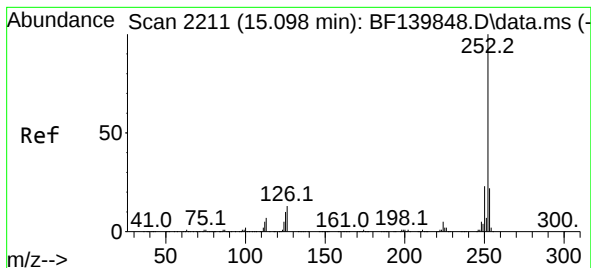
Ion Ratio Lower Upper

276 100

138 22.9 20.4 30.6

277 25.2 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 41.946 ng

RT: 15.098 min Scan# 2111

Delta R.T. 0.000 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164401BS

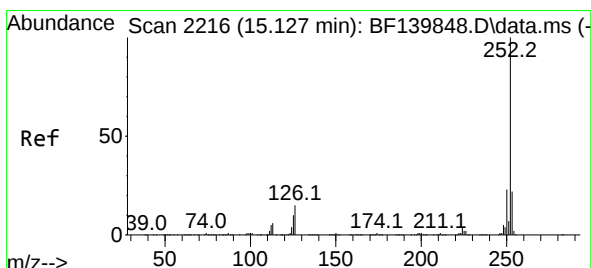
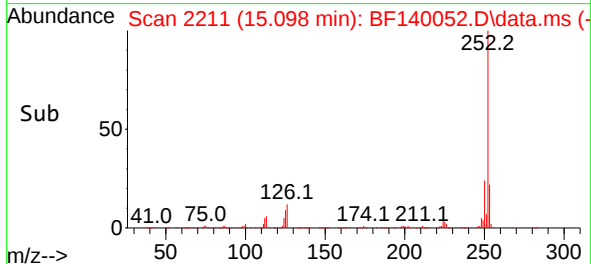
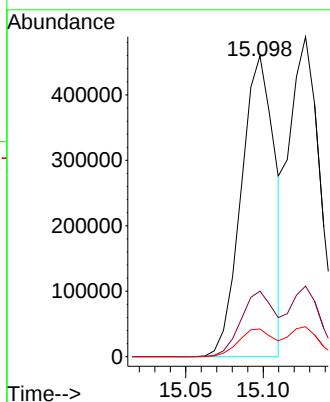
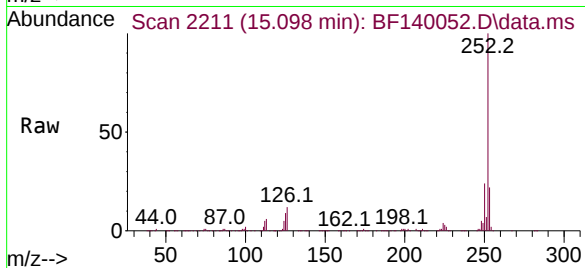
Tgt Ion:252 Resp: 691202

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.2 7.9 11.9



#89

Benzo(k)fluoranthene

Concen: 47.231 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

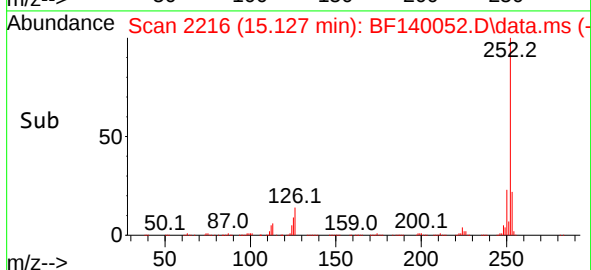
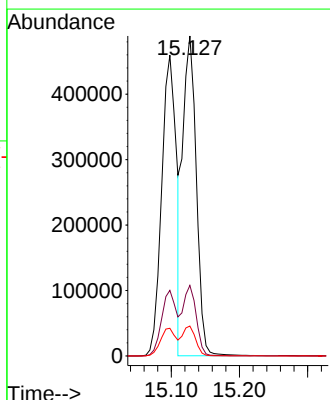
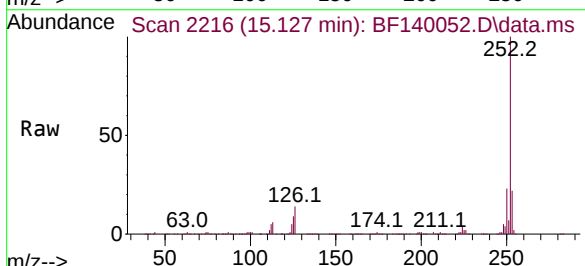
Tgt Ion:252 Resp: 671210

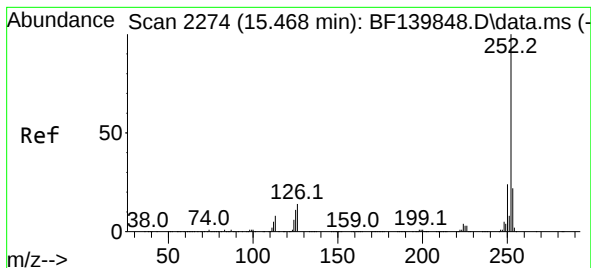
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.4 7.9 11.9





#90

Benzo(a)pyrene

Concen: 48.018 ng

RT: 15.468 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

Instrument :

BNA_F

ClientSampleId :

PB164401BS

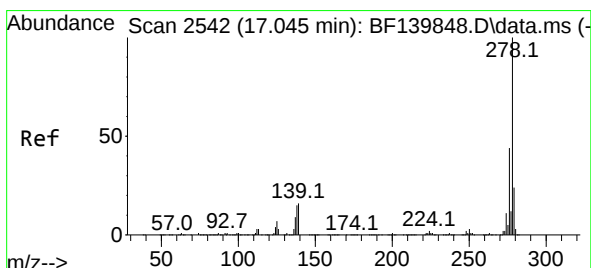
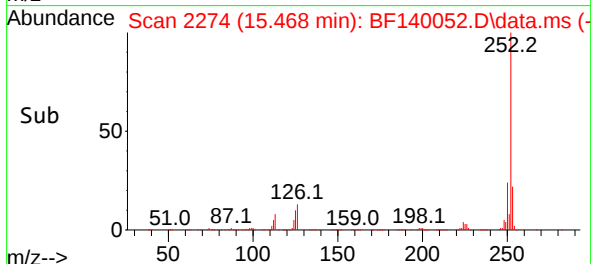
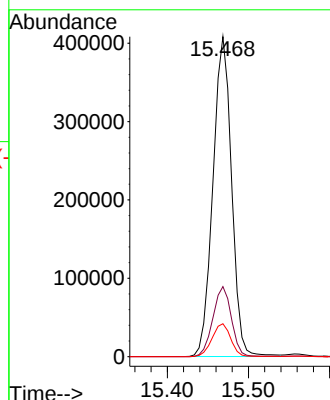
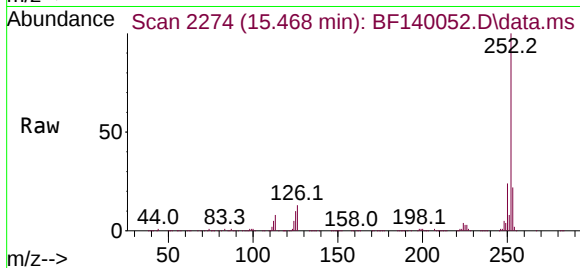
Tgt Ion:252 Resp: 651066

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.3 8.7 13.1



#91

Dibenzo(a,h)anthracene

Concen: 45.212 ng

RT: 17.051 min Scan# 2543

Delta R.T. 0.006 min

Lab File: BF140052.D

Acq: 26 Oct 2024 11:34

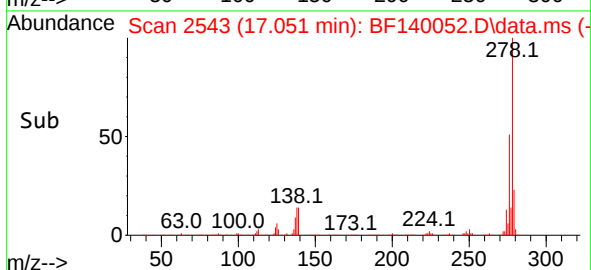
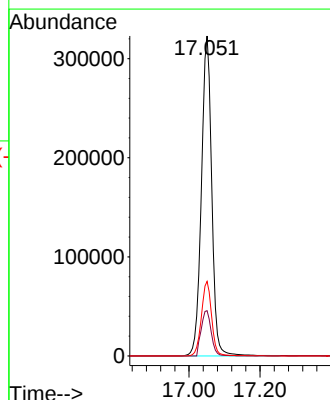
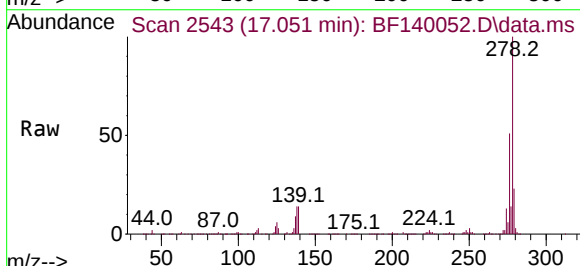
Tgt Ion:278 Resp: 656369

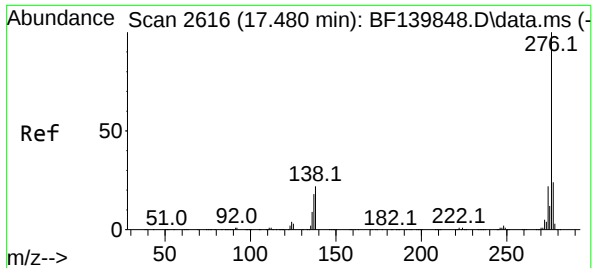
Ion Ratio Lower Upper

278 100

139 14.1 13.1 19.7

279 23.3 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 42.071 ng
 RT: 17.486 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF140052.D
 Acq: 26 Oct 2024 11:34

Instrument :
 BNA_F
 ClientSampleId :
 PB164401BS

Tgt Ion:276 Resp: 610078
 Ion Ratio Lower Upper
 276 100
 277 23.2 19.0 28.6
 138 19.6 17.4 26.0

