

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140708.D
 Acq On : 03 Dec 2024 14:06
 Operator : RC/JU
 Sample : PB165339BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165339BS

Quant Time: Dec 03 14:25:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	81217	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	305123	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	179756	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	350198	20.000	ng	0.00
76) Chrysene-d12	14.057	240	269342	20.000	ng	0.00
86) Perylene-d12	15.557	264	213445	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	617530	129.731	ng	0.01
7) Phenol-d6	6.516	99	794909	126.318	ng	0.00
23) Nitrobenzene-d5	7.434	82	523343	87.732	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	265247	137.970	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1060015	87.861	ng	0.00
79) Terphenyl-d14	12.986	244	1490655	86.178	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	80958	40.451	ng	97
3) Pyridine	3.493	79	192261	43.661	ng	99
4) n-Nitrosodimethylamine	3.446	42	111526	43.093	ng	97
6) Aniline	6.534	93	202421	45.700	ng	# 85
8) 2-Chlorophenol	6.657	128	247519	48.333	ng	96
9) Benzaldehyde	6.422	77	38757	11.634	ng	97
10) Phenol	6.528	94	306010	47.616	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	231870	47.148	ng	99
12) 1,3-Dichlorobenzene	6.810	146	260207	45.219	ng	99
13) 1,4-Dichlorobenzene	6.887	146	264475	45.392	ng	100
14) 1,2-Dichlorobenzene	7.040	146	251758	46.113	ng	100
15) Benzyl Alcohol	7.016	79	224454	48.096	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	281750	48.495	ng	89
17) 2-Methylphenol	7.128	107	193412	47.180	ng	98
18) Hexachloroethane	7.375	117	98702	45.357	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	176750	47.525	ng	97
20) 3+4-Methylphenols	7.281	107	251535	47.737	ng	94
22) Acetophenone	7.281	105	339804	45.680	ng	98
24) Nitrobenzene	7.451	77	272788	44.246	ng	100
25) Isophorone	7.693	82	479205	48.164	ng	100
26) 2-Nitrophenol	7.769	139	131234	48.033	ng	99
27) 2,4-Dimethylphenol	7.804	122	188853	57.771	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	288661	47.624	ng	100
29) 2,4-Dichlorophenol	8.016	162	209278	48.314	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	223660	45.223	ng	99
31) Naphthalene	8.175	128	733423	46.666	ng	99
32) Benzoic acid	7.945	122	93477	35.128	ng	99
33) 4-Chloroaniline	8.222	127	103708	22.039	ng	99
34) Hexachlorobutadiene	8.287	225	150536	45.953	ng	99
35) Caprolactam	8.598	113	36980	27.587	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	234437	48.339	ng	99
37) 2-Methylnaphthalene	8.863	142	487118	48.797	ng	100
38) 1-Methylnaphthalene	8.963	142	451575	46.151	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	237871	45.202	ng	99
41) Hexachlorocyclopentadiene	9.010	237	202708	163.043	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	147937	44.801	ng	100

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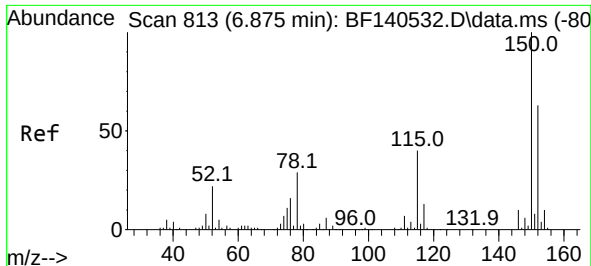
Quant Time: Dec 03 14:25:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	160427	44.766	ng	96
46) 1,1'-Biphenyl	9.328	154	617020	45.975	ng	99
47) 2-Chloronaphthalene	9.357	162	450215	44.272	ng	98
48) 2-Nitroaniline	9.457	65	146422	44.858	ng	96
49) Acenaphthylene	9.769	152	759500	49.431	ng	99
50) Dimethylphthalate	9.628	163	569539	48.109	ng	100
51) 2,6-Dinitrotoluene	9.698	165	122400	45.588	ng	94
52) Acenaphthene	9.945	154	458881	47.003	ng	99
53) 3-Nitroaniline	9.869	138	71921	27.388	ng	97
54) 2,4-Dinitrophenol	9.986	184	106655	77.023	ng	95
55) Dibenzofuran	10.116	168	686673	46.112	ng	99
56) 4-Nitrophenol	10.045	139	156201	87.218	ng	97
57) 2,4-Dinitrotoluene	10.104	165	167942	47.064	ng	97
58) Fluorene	10.457	166	559228	46.786	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	145934	52.986	ng	90
60) Diethylphthalate	10.328	149	586598	48.768	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	281107	47.922	ng	99
62) 4-Nitroaniline	10.486	138	127699	46.366	ng	97
63) Azobenzene	10.610	77	554902	48.715	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	86585	48.384	ng	94
66) n-Nitrosodiphenylamine	10.569	169	484358	46.770	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	170333	47.229	ng	96
68) Hexachlorobenzene	11.010	284	191386	45.830	ng	99
69) Atrazine	11.098	200	168033	57.675	ng	98
70) Pentachlorophenol	11.210	266	154454	84.036	ng	99
71) Phenanthrene	11.428	178	825272	49.025	ng	99
72) Anthracene	11.480	178	837432	50.857	ng	100
73) Carbazole	11.633	167	777485	49.081	ng	100
74) Di-n-butylphthalate	11.951	149	972680	53.186	ng	100
75) Fluoranthene	12.616	202	1058333	57.905	ng	99
77) Benzidine	12.739	184	324056	41.381	ng	99
78) Pyrene	12.845	202	1071531	43.026	ng	100
80) Butylbenzylphthalate	13.457	149	449351	50.087	ng	99
81) Benzo(a)anthracene	14.045	228	889220	49.874	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	159709	29.835	ng	99
83) Chrysene	14.080	228	795825	48.815	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	641770	56.652	ng	99
85) Di-n-octyl phthalate	14.645	149	1014084	65.503	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	688790	49.518	ng	97
88) Benzo(b)fluoranthene	15.116	252	687018	51.244	ng	98
89) Benzo(k)fluoranthene	15.145	252	543623	46.336	ng	99
90) Benzo(a)pyrene	15.492	252	543066	49.819	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	561188	49.263	ng	99
92) Benzo(g,h,i)perylene	17.533	276	548043	47.145	ng	96

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

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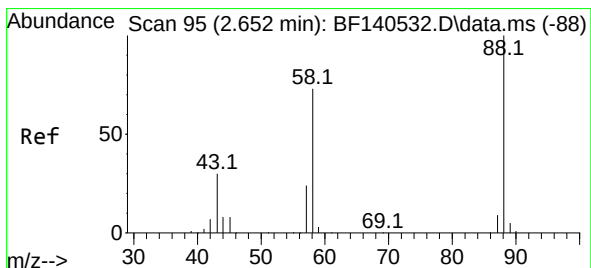
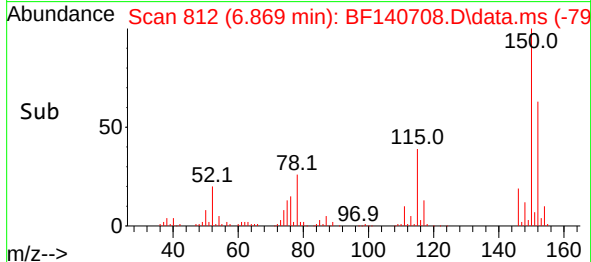
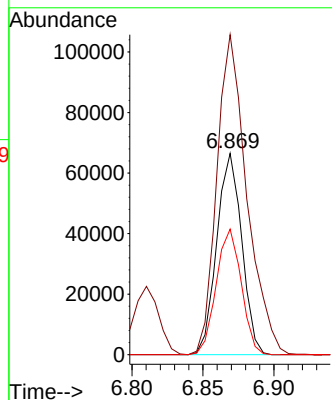
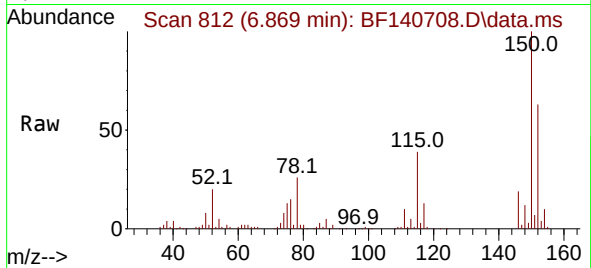




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140708.D
 Acq: 03 Dec 2024 14:06

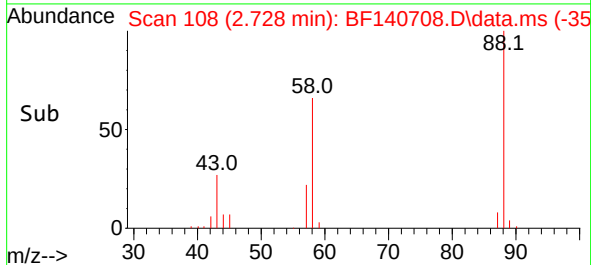
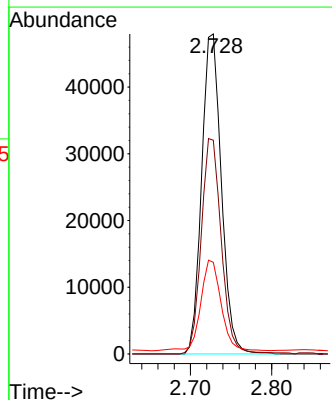
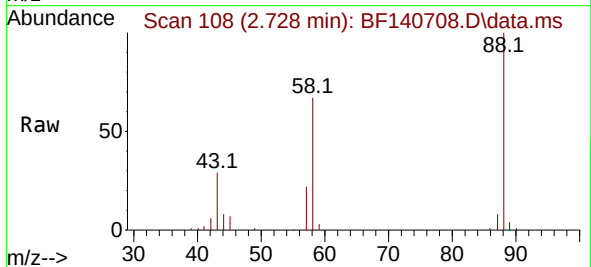
Instrument :
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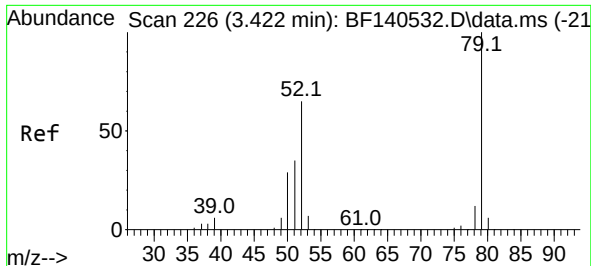
Tgt Ion:152 Resp: 81217
 Ion Ratio Lower Upper
 152 100
 150 158.9 128.5 192.7
 115 62.4 50.2 75.4



#2
 1,4-Dioxane
 Concen: 40.451 ng
 RT: 2.728 min Scan# 108
 Delta R.T. 0.077 min
 Lab File: BF140708.D
 Acq: 03 Dec 2024 14:06

Tgt Ion: 88 Resp: 80958
 Ion Ratio Lower Upper
 88 100
 58 68.6 57.4 86.2
 43 29.8 24.3 36.5

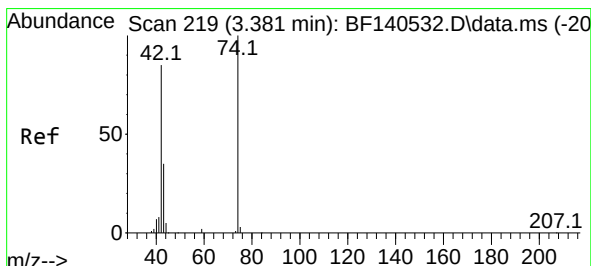
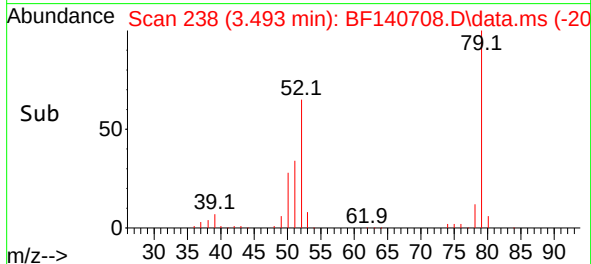
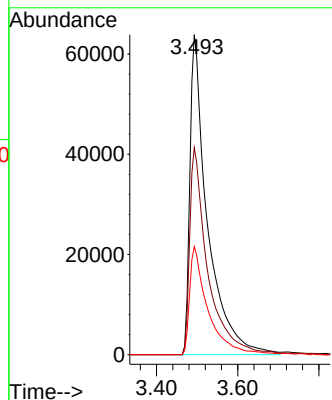
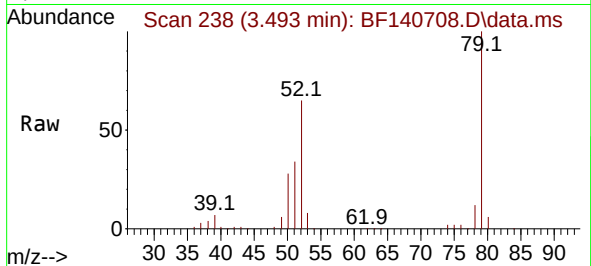




#3
Pyridine
Concen: 43.661 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

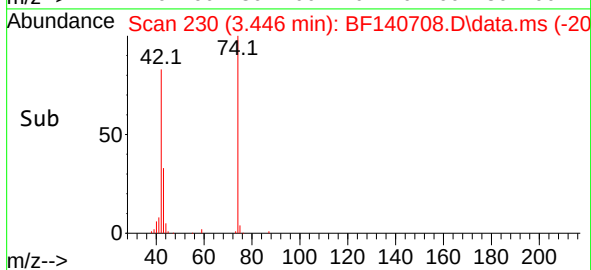
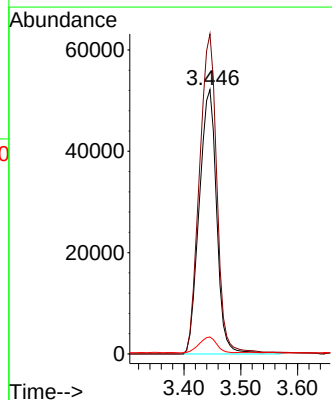
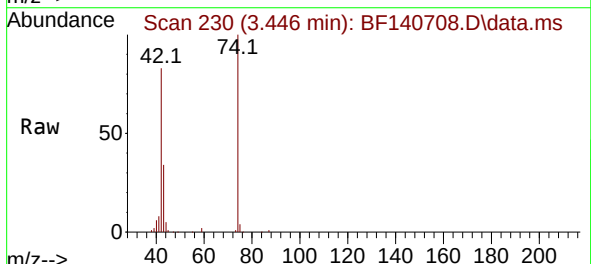
Instrument :
BNA_F
ClientSampleId :
PB165339BS

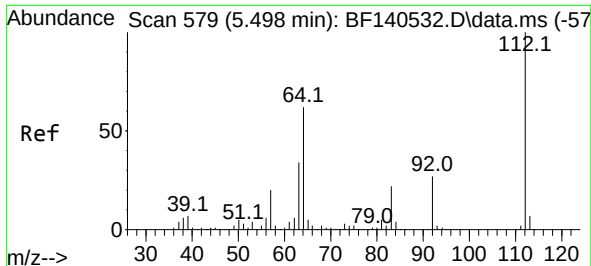
Tgt Ion: 79 Resp: 192261
Ion Ratio Lower Upper
79 100
52 64.7 52.1 78.1
51 33.8 27.8 41.8



#4
n-Nitrosodimethylamine
Concen: 43.093 ng
RT: 3.446 min Scan# 230
Delta R.T. 0.065 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion: 42 Resp: 111526
Ion Ratio Lower Upper
42 100
74 121.0 93.8 140.6
44 6.4 4.6 6.8

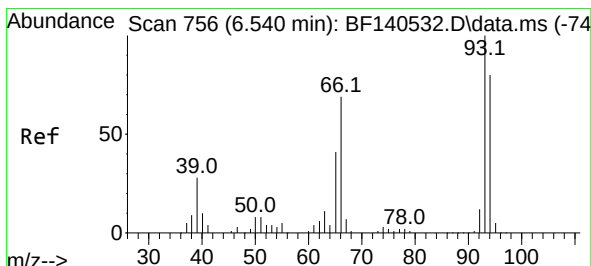
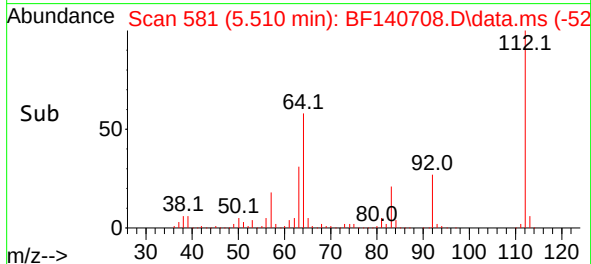
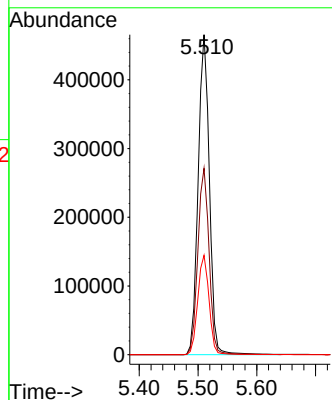
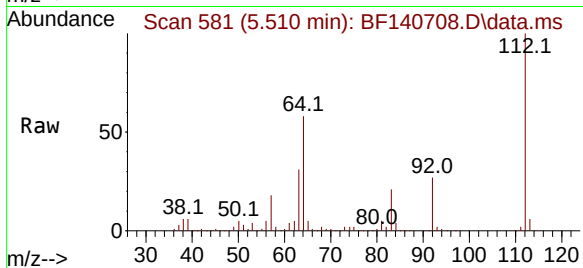




#5
2-Fluorophenol
Concen: 129.731 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

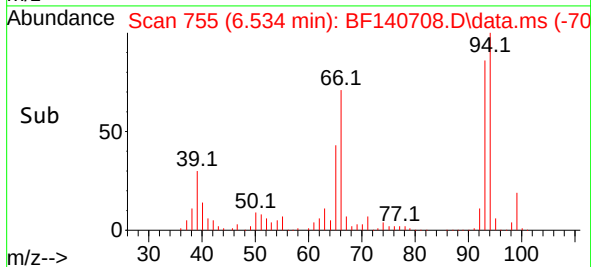
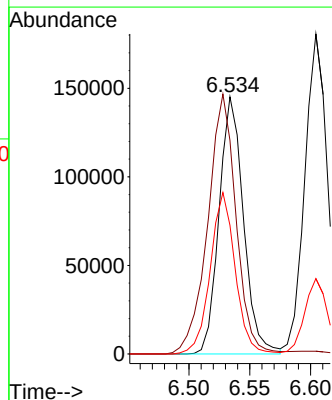
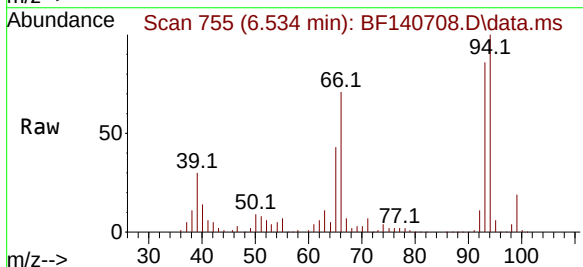
Instrument :
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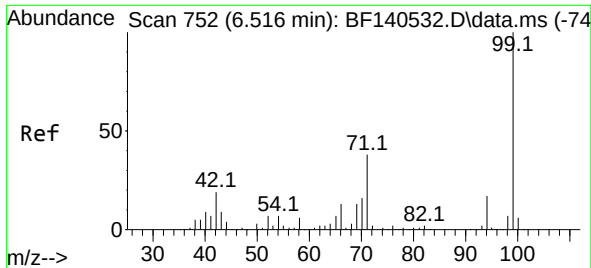
Tgt Ion:112 Resp: 617530
Ion Ratio Lower Upper
112 100
64 58.2 49.2 73.8
63 31.0 27.0 40.4



#6
Aniline
Concen: 45.700 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion: 93 Resp: 202421
Ion Ratio Lower Upper
93 100
66 83.1 56.5 84.7
65 50.0 32.9 49.3

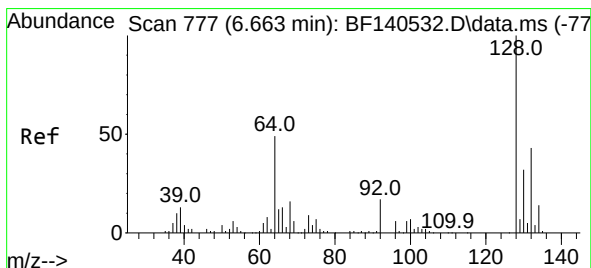
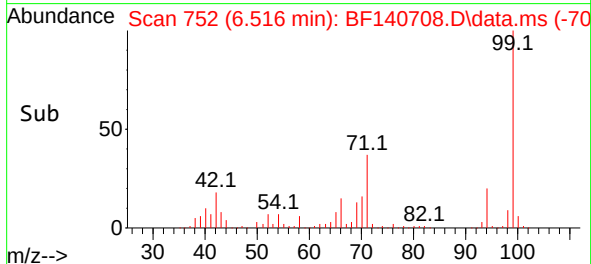
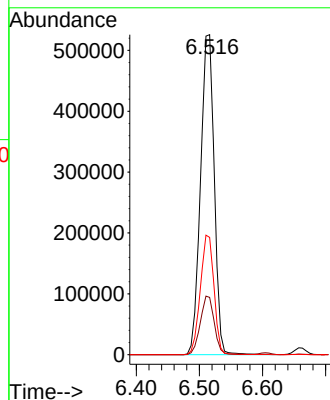
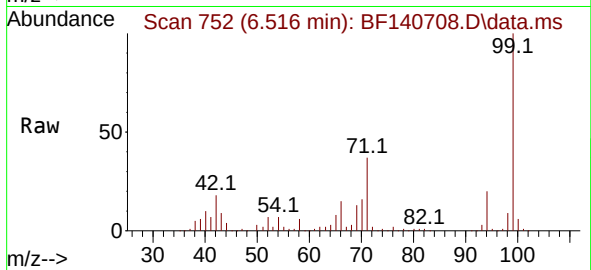




#7
Phenol-d6
Concen: 126.318 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

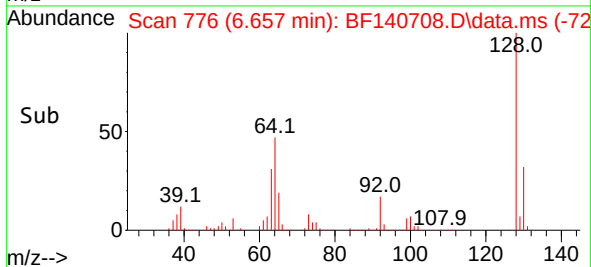
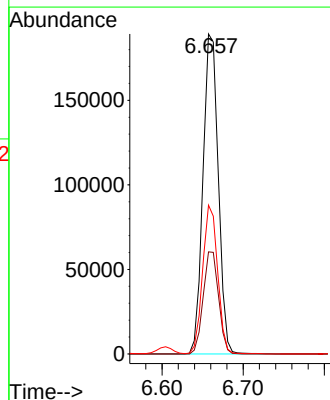
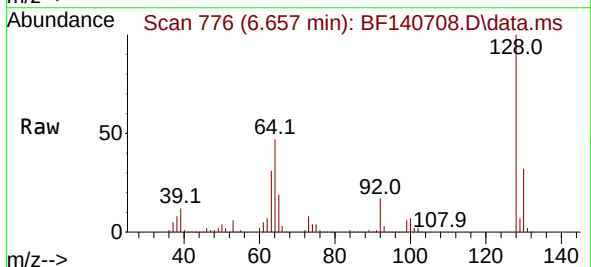
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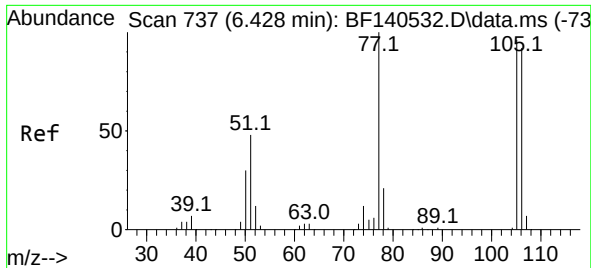
Tgt Ion: 99 Resp: 794909
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.7 30.6 46.0



#8
2-Chlorophenol
Concen: 48.333 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:128 Resp: 247519
Ion Ratio Lower Upper
128 100
130 31.9 12.3 52.3
64 46.5 30.2 70.2





#9

Benzaldehyde

Concen: 11.634 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165339BS

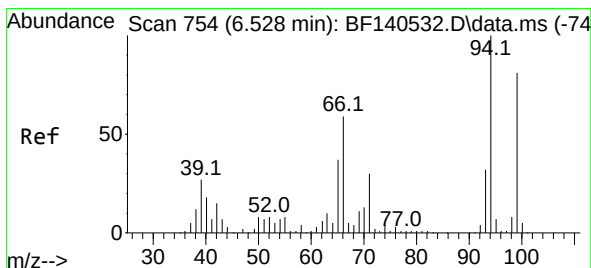
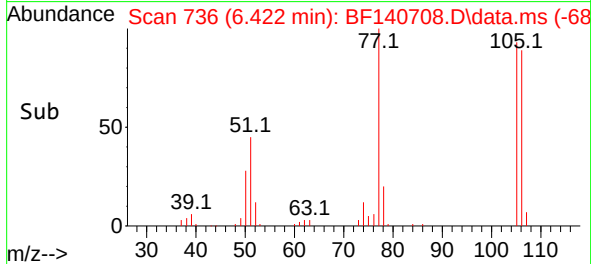
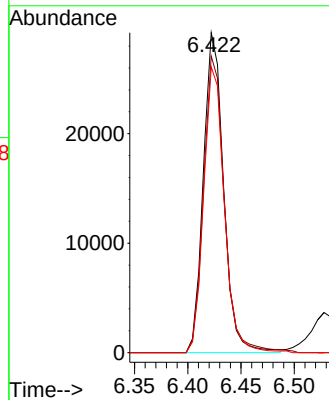
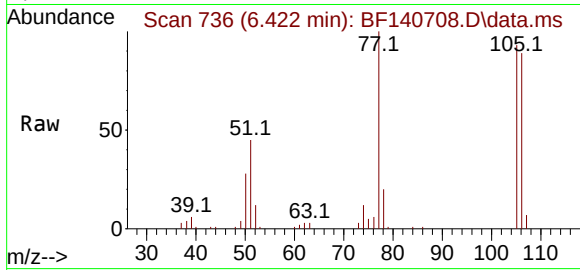
Tgt Ion: 77 Resp: 38757

Ion Ratio Lower Upper

77 100

105 92.7 75.6 115.6

106 89.3 72.0 112.0



#10

Phenol

Concen: 47.616 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

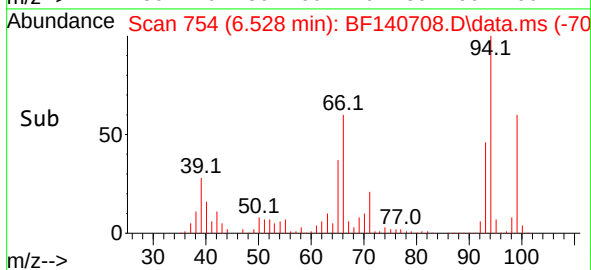
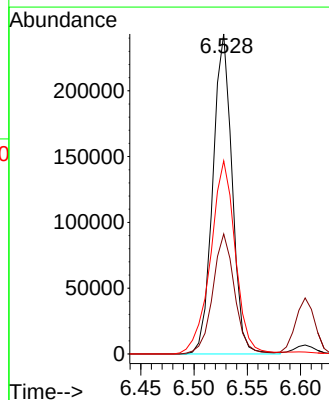
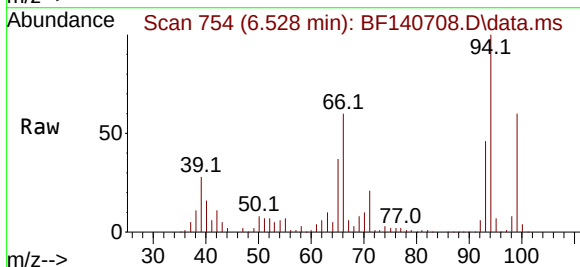
Tgt Ion: 94 Resp: 306010

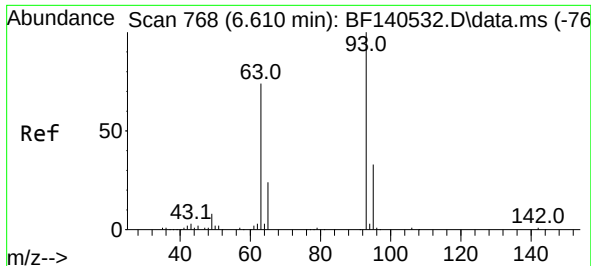
Ion Ratio Lower Upper

94 100

65 37.5 17.2 57.2

66 60.3 39.2 79.2

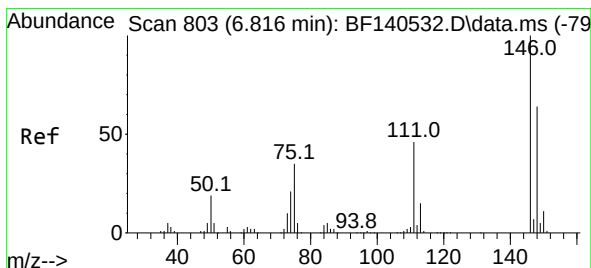
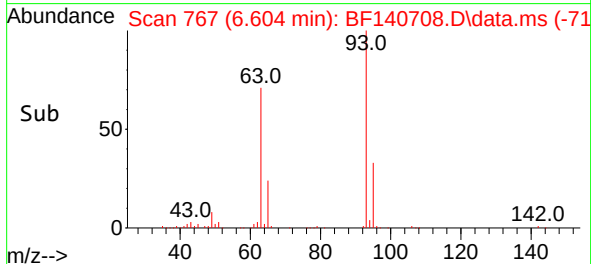
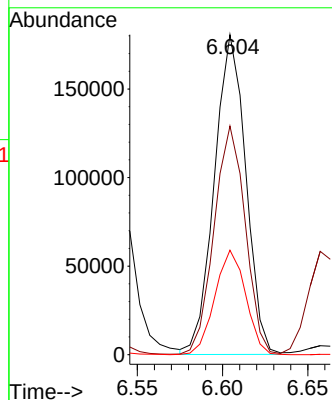
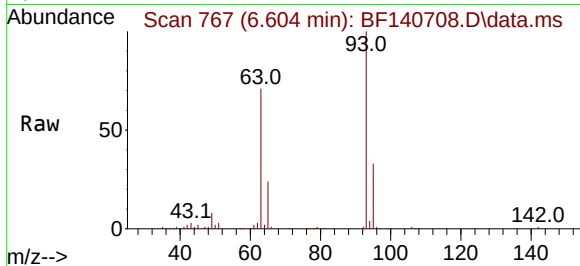




#11
bis(2-Chloroethyl)ether
Concen: 47.148 ng
RT: 6.604 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

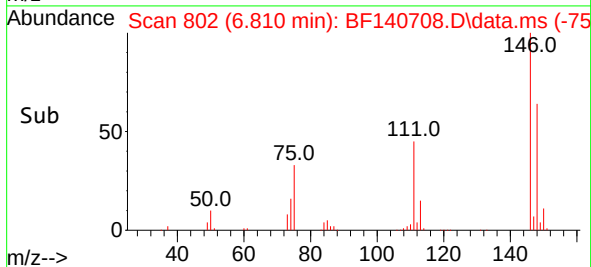
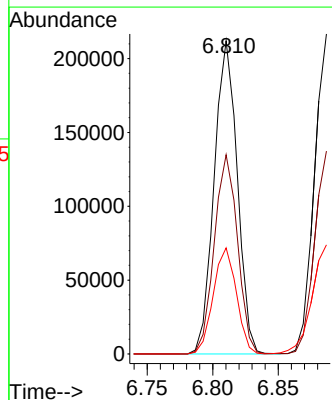
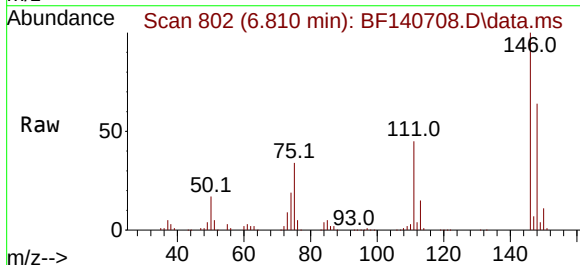
Instrument :
BNA_F
ClientSampleId :
PB165339BS

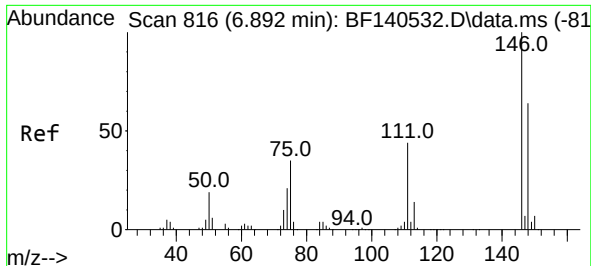
Tgt Ion: 93 Resp: 231870
Ion Ratio Lower Upper
93 100
63 71.4 52.8 92.8
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.219 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion: 146 Resp: 260207
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 33.9 28.2 42.2

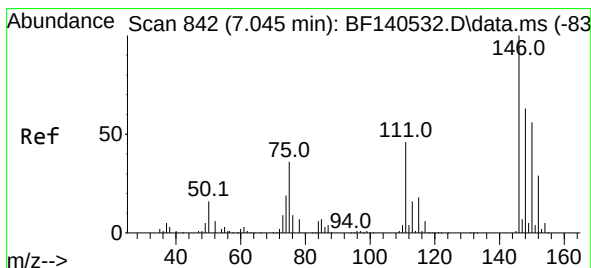
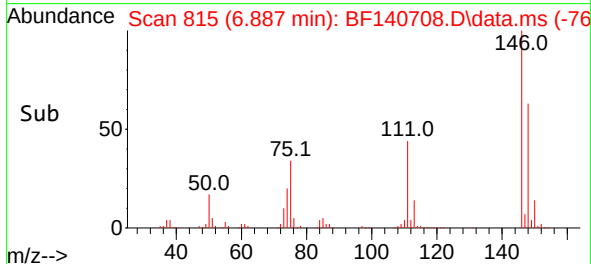
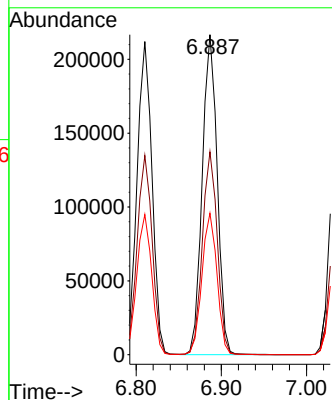
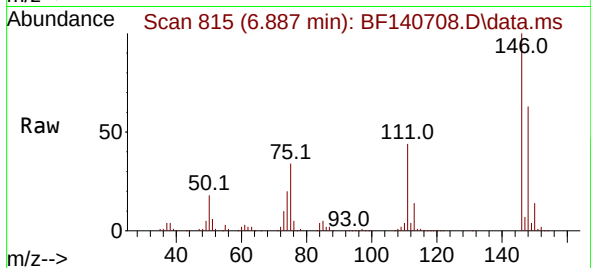




#13
1,4-Dichlorobenzene
Concen: 45.392 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

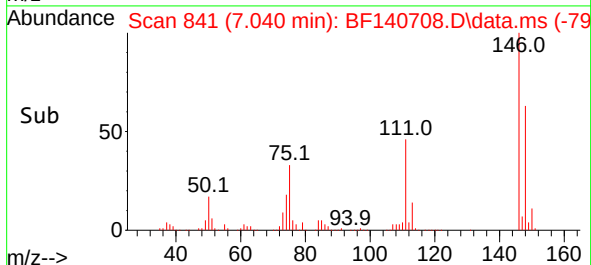
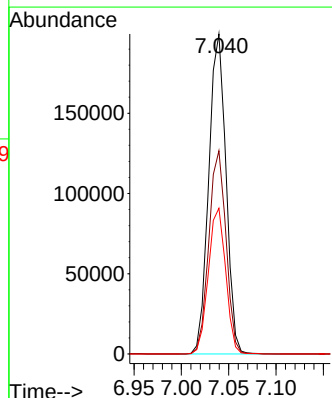
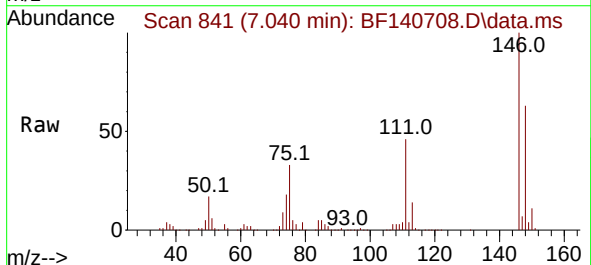
Instrument :
BNA_F
ClientSampleId :
PB165339BS

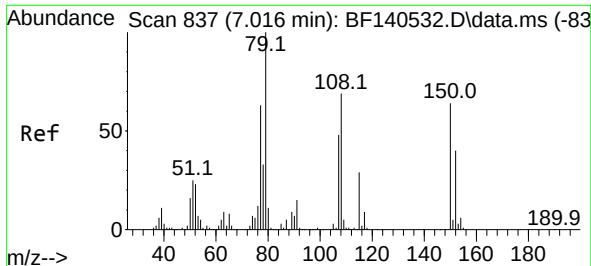
Tgt Ion:146 Resp: 264475
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 44.2 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 46.113 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:146 Resp: 251758
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
111 45.6 36.7 55.1

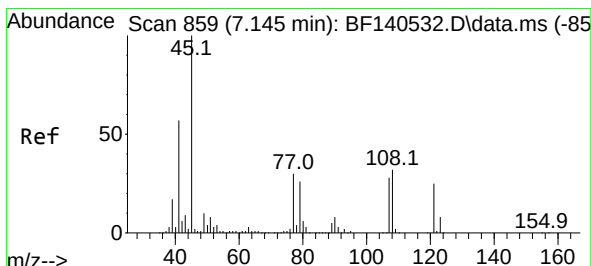
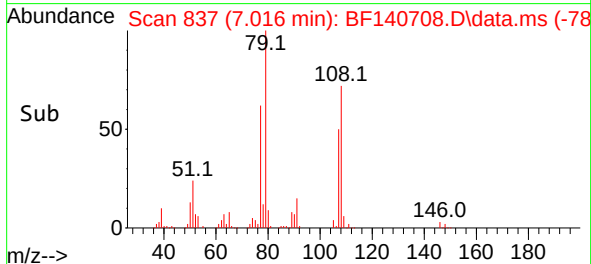
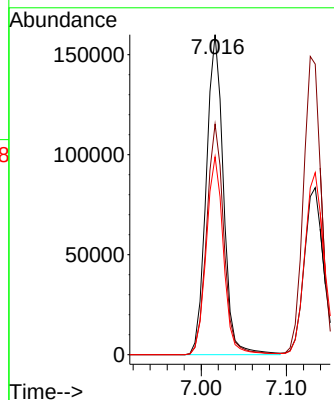
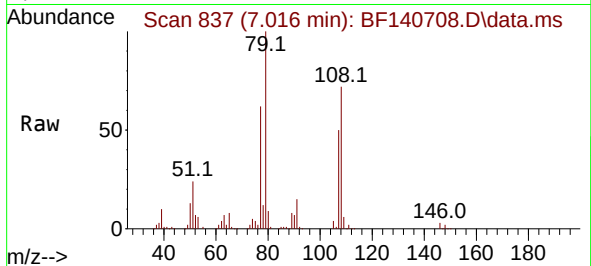




#15
Benzyl Alcohol
Concen: 48.096 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

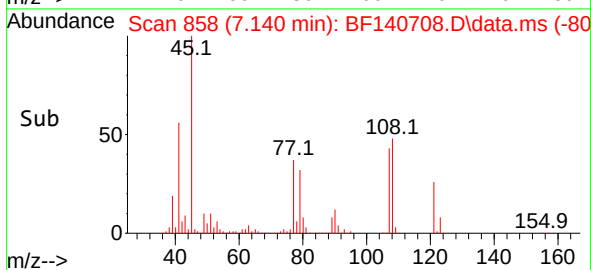
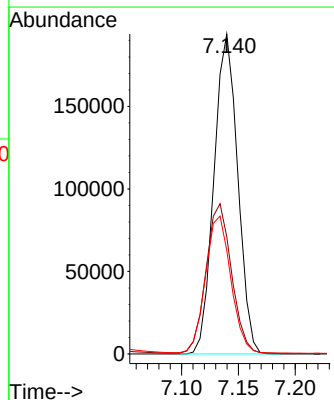
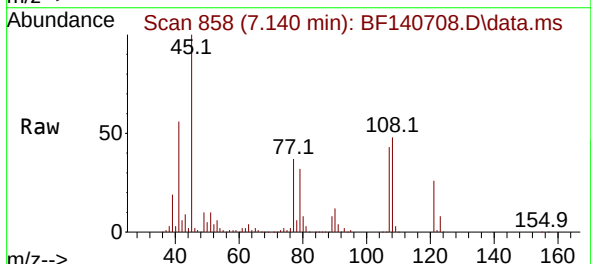
Instrument :
BNA_F
ClientSampleId :
PB165339BS

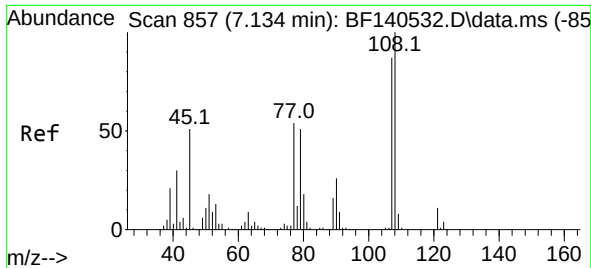
Tgt Ion: 79 Resp: 224454
Ion Ratio Lower Upper
79 100
108 72.1 55.0 82.6
77 61.9 50.1 75.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.495 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion: 45 Resp: 281750
Ion Ratio Lower Upper
45 100
77 36.7 10.7 50.7
79 32.4 7.0 47.0

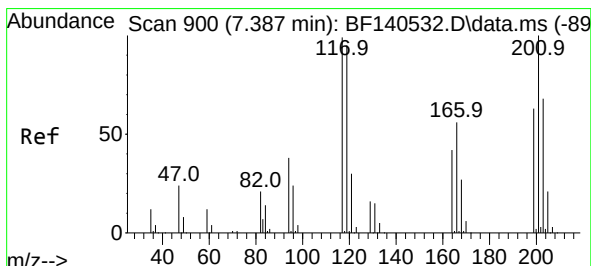
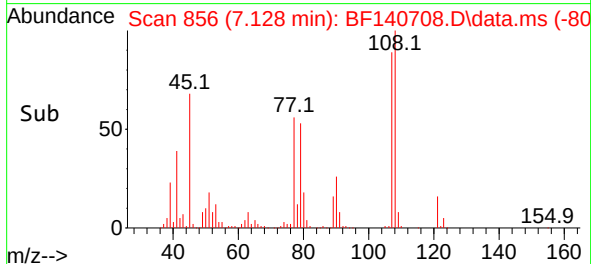
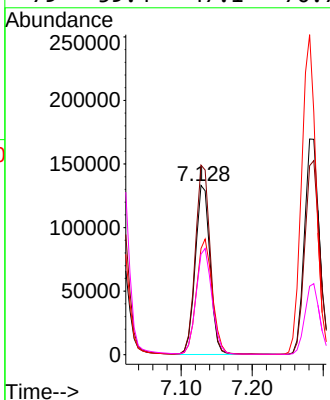
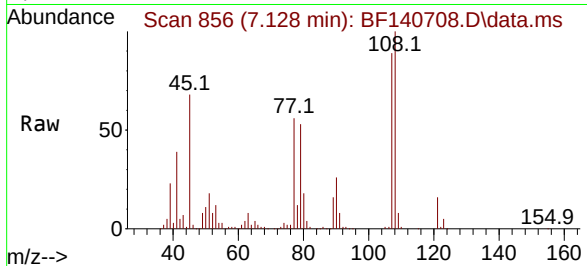




#17
2-Methylphenol
Concen: 47.180 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

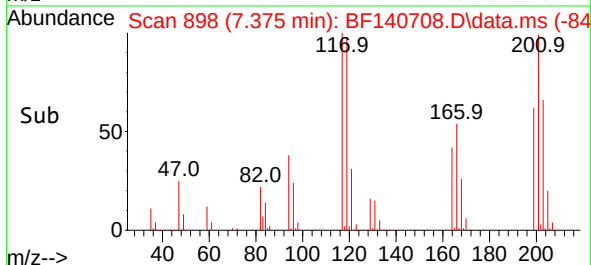
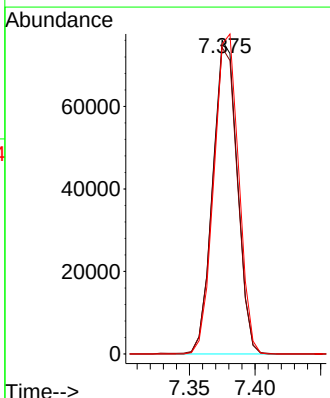
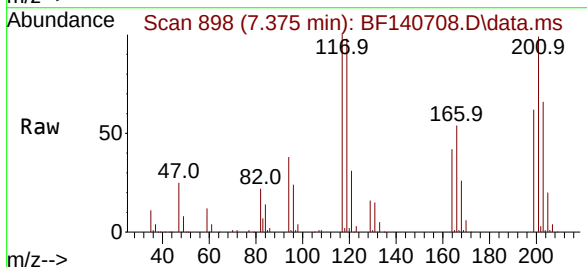
Instrument :
BNA_F
ClientSampleId :
PB165339BS

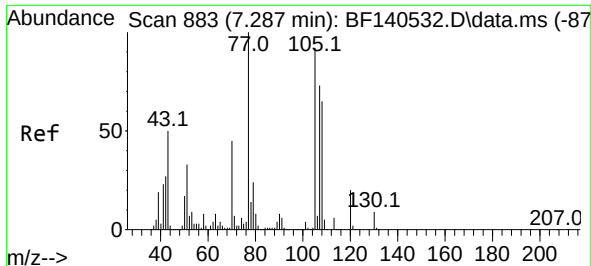
Tgt Ion:	107	Resp:	193412
Ion	Ratio	Lower	Upper
107	100		
108	112.0	91.7	137.5
77	62.7	49.3	73.9
79	59.4	47.1	70.7



#18
Hexachloroethane
Concen: 45.357 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:	117	Resp:	98702
Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.1	115.7
201	98.8	81.1	121.7



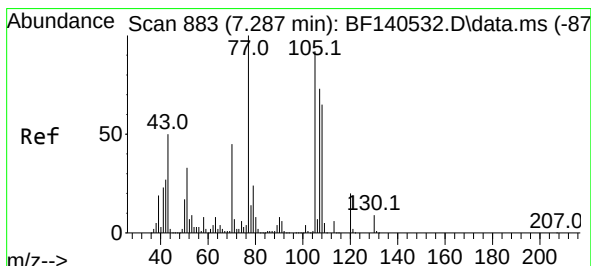
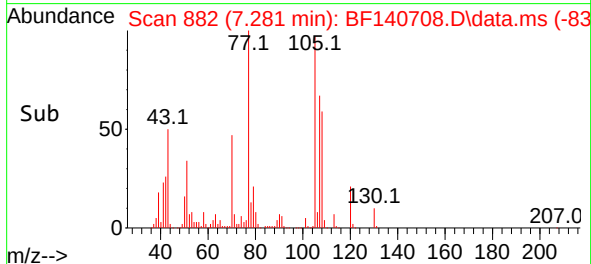
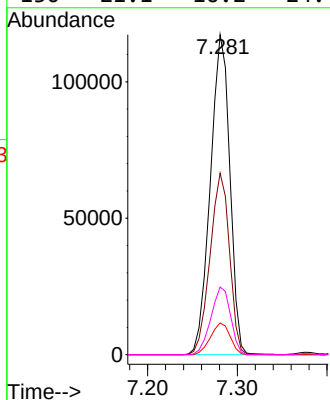
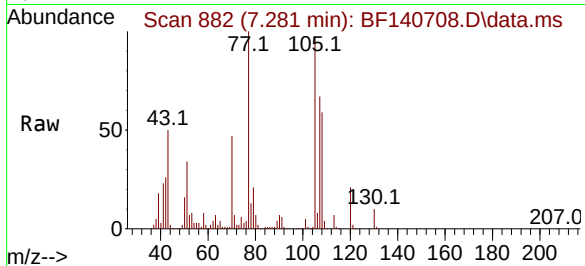


#19
n-Nitroso-di-n-propylamine
Concen: 47.525 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Instrument :
BNA_F
ClientSampleId :
PB165339BS

Tgt Ion: 70 Resp: 176750

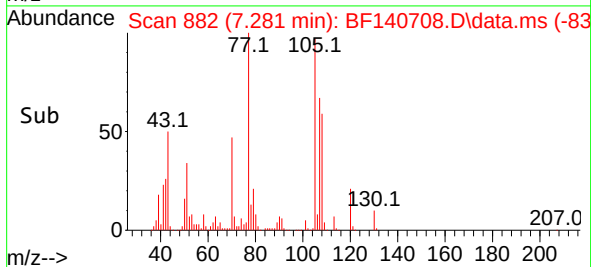
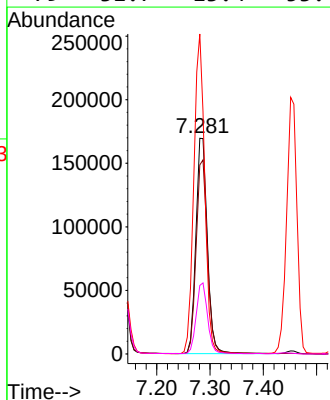
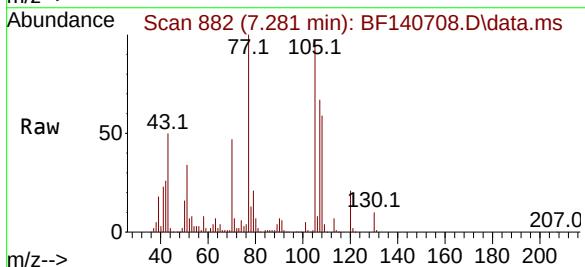
Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.6	71.4
101	9.9	7.6	11.4
130	21.1	16.2	24.4

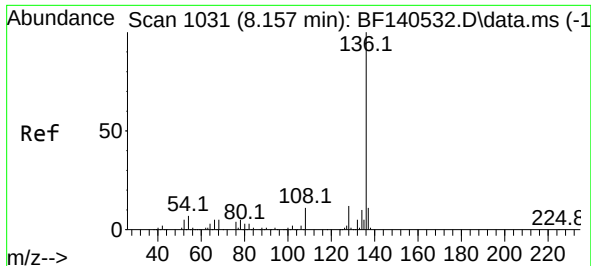


#20
3+4-Methylphenols
Concen: 47.737 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion: 107 Resp: 251535

Ion	Ratio	Lower	Upper
107	100		
108	87.6	69.9	109.9
77	148.4	117.7	157.7
79	31.7	13.4	53.4

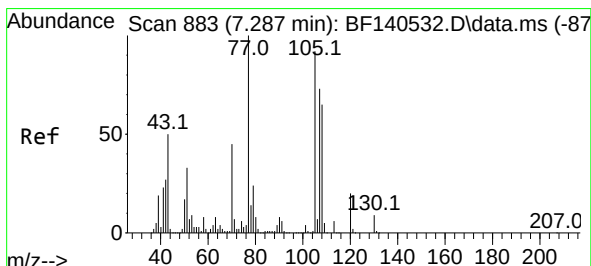
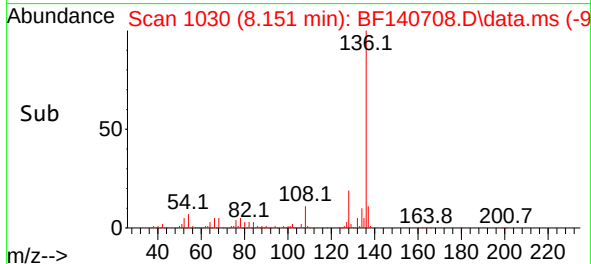
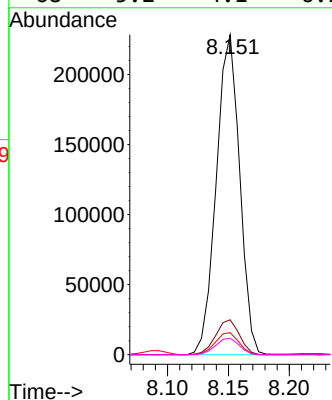
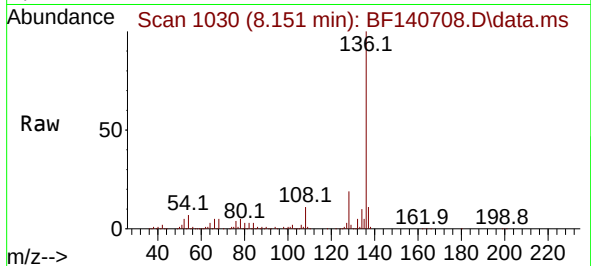




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

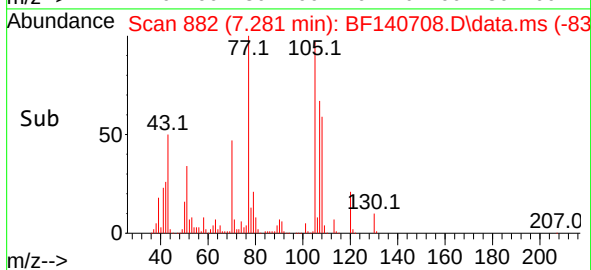
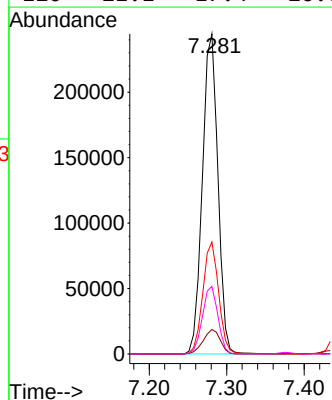
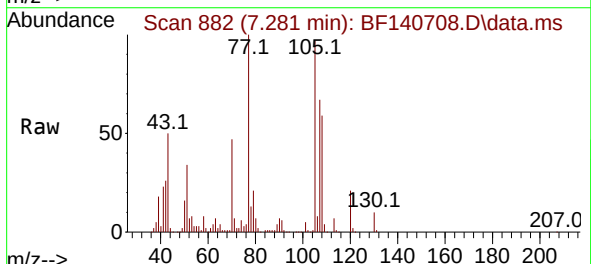
Instrument :
BNA_F
ClientSampleId :
PB165339BS

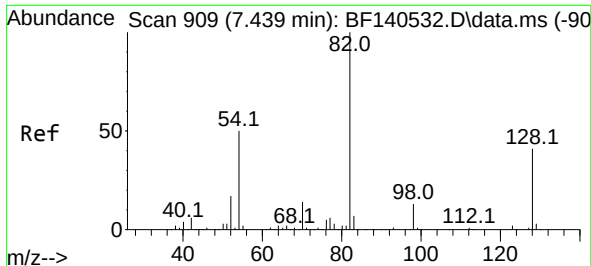
Tgt	Ion:136	Resp:	305123
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.9	5.8	8.8
68	5.2	4.1	6.1



#22
Acetophenone
Concen: 45.680 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt	Ion:105	Resp:	339804
Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.2	9.2
51	35.0	29.0	43.6
120	21.1	17.4	26.0





#23

Nitrobenzene-d5

Concen: 87.732 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165339BS

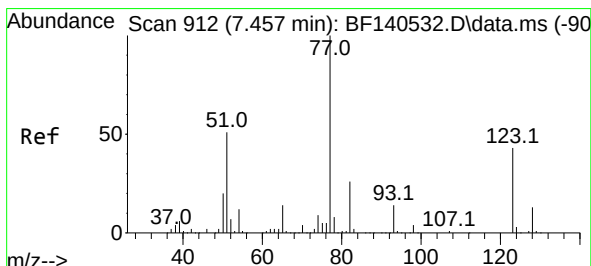
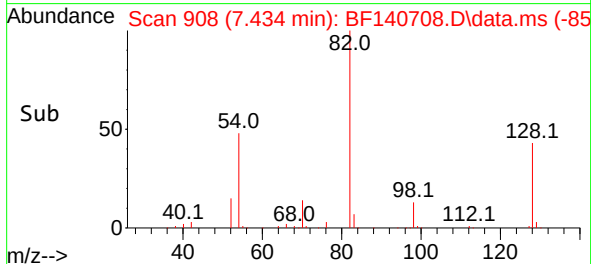
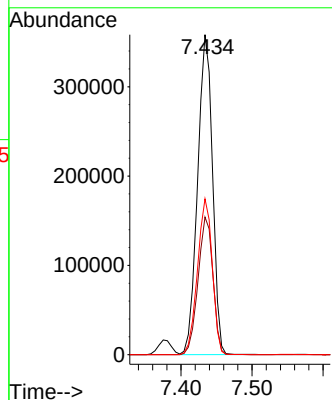
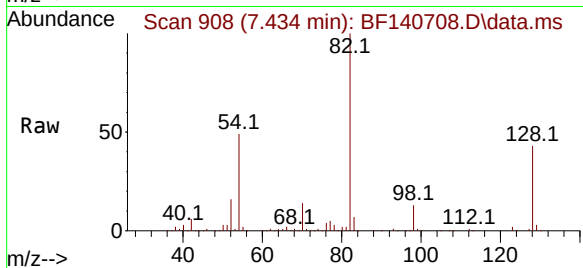
Tgt Ion: 82 Resp: 523343

Ion Ratio Lower Upper

82 100

128 43.0 33.0 49.4

54 48.7 39.5 59.3



#24

Nitrobenzene

Concen: 44.246 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

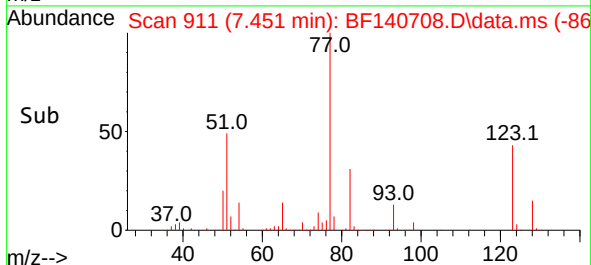
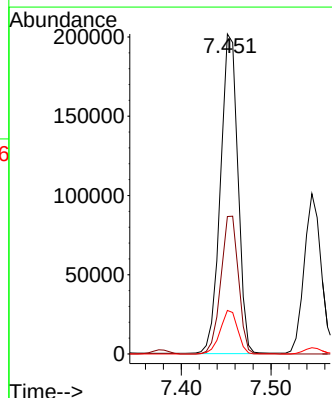
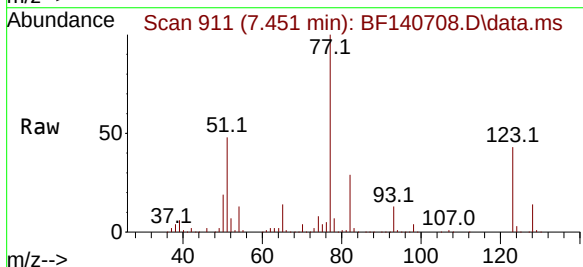
Tgt Ion: 77 Resp: 272788

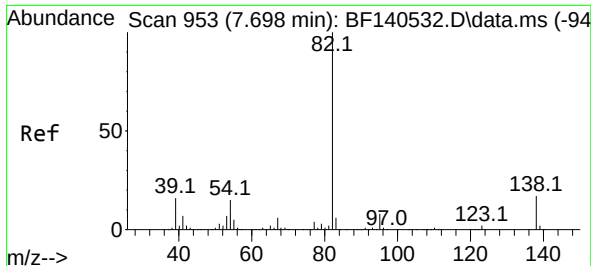
Ion Ratio Lower Upper

77 100

123 42.9 34.3 51.5

65 13.6 11.2 16.8

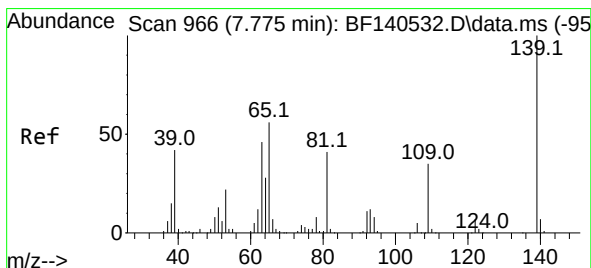
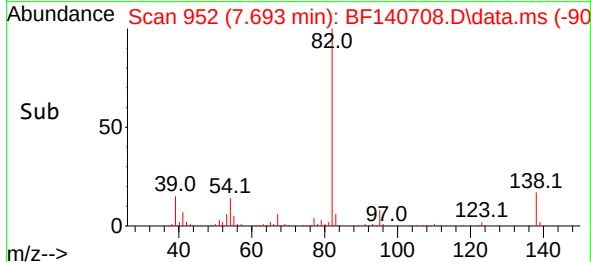
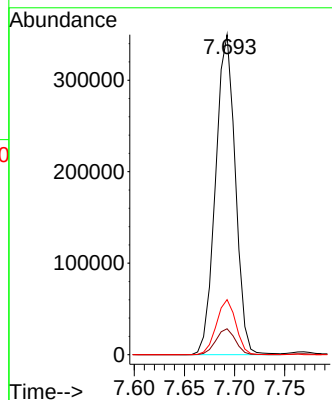
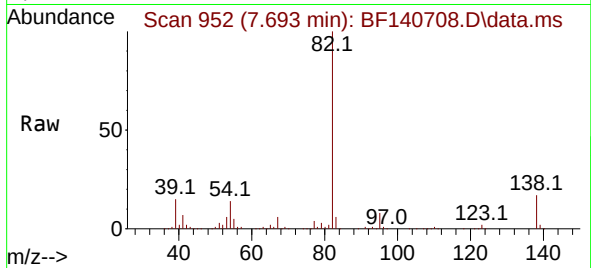




#25
Isophorone
Concen: 48.164 ng
RT: 7.693 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

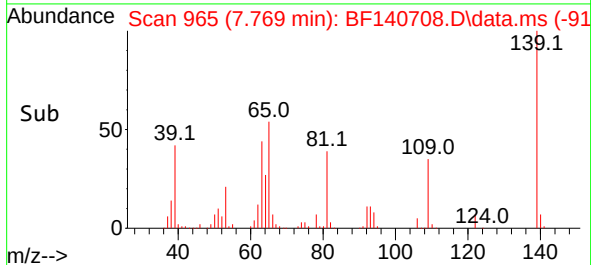
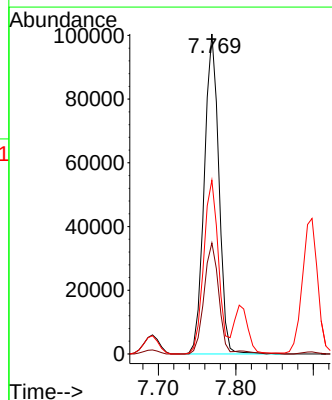
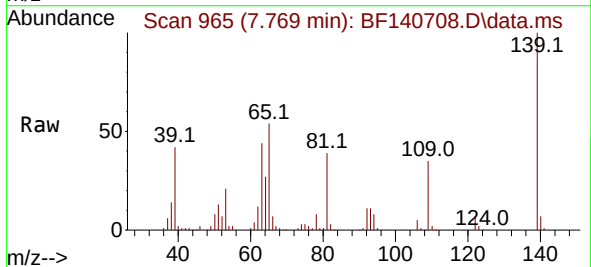
Instrument :
BNA_F
ClientSampleId :
PB165339BS

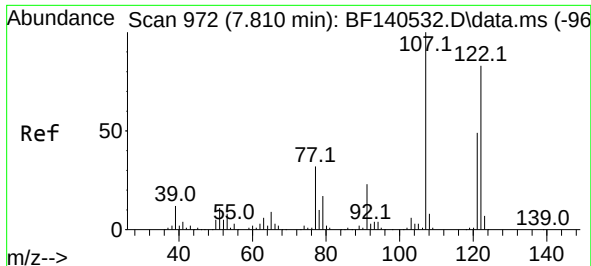
Tgt Ion: 82 Resp: 479205
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.2 13.8 20.6



#26
2-Nitrophenol
Concen: 48.033 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:139 Resp: 131234
Ion Ratio Lower Upper
139 100
109 34.7 28.0 42.0
65 54.3 44.6 67.0

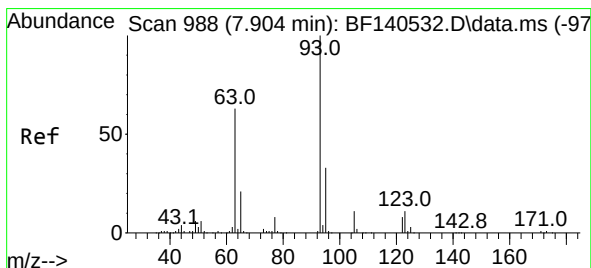
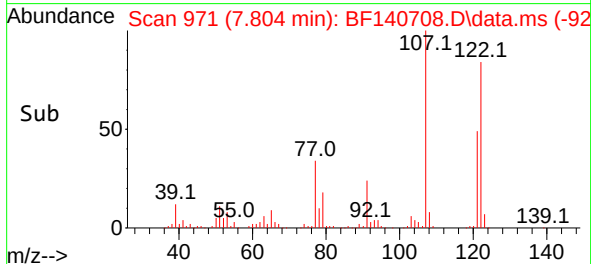
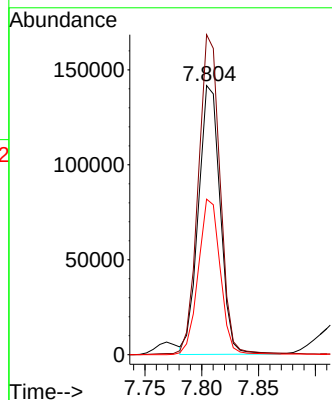
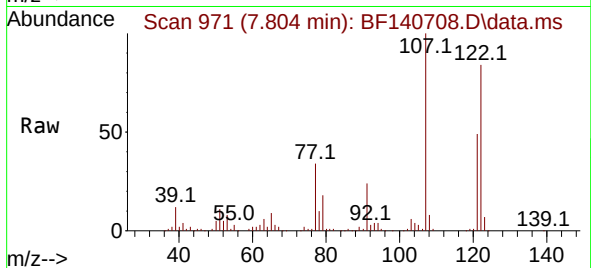




#27
2,4-Dimethylphenol
Concen: 57.771 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

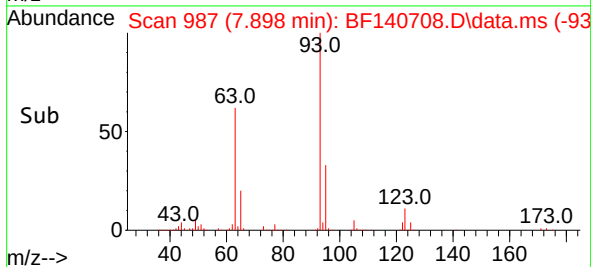
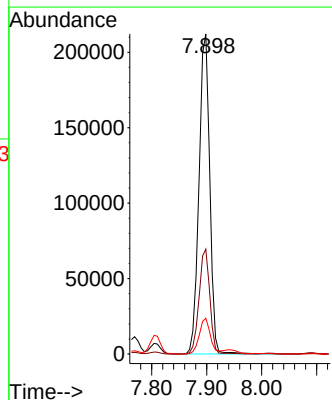
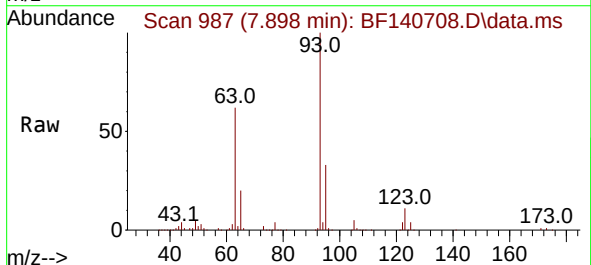
Instrument :
BNA_F
ClientSampleId :
PB165339BS

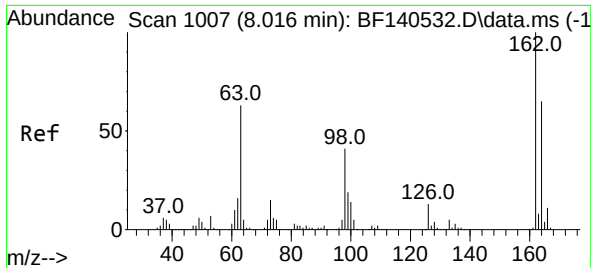
Tgt Ion:122 Resp: 188853
Ion Ratio Lower Upper
122 100
107 118.9 96.8 145.2
121 57.8 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 47.624 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion: 93 Resp: 288661
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.314 ng

RT: 8.016 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165339BS

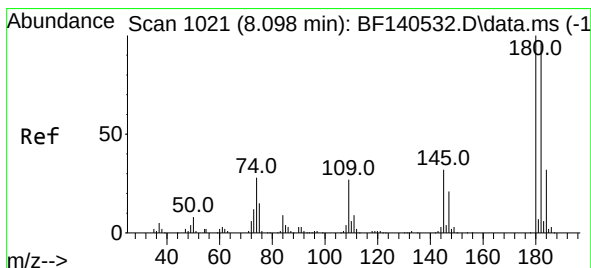
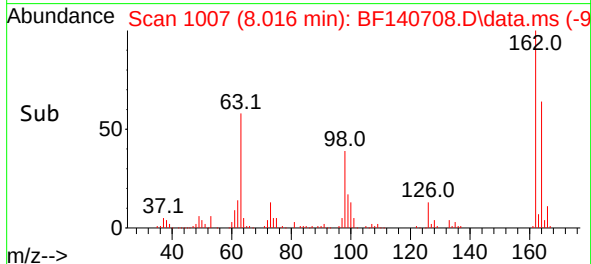
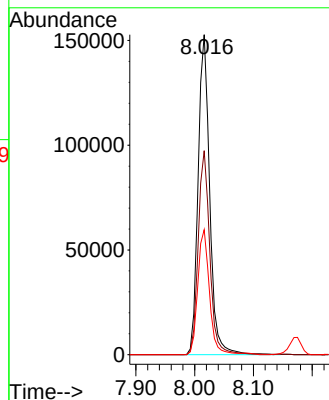
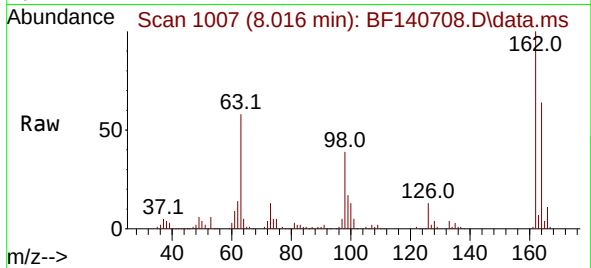
Tgt Ion:162 Resp: 209278

Ion Ratio Lower Upper

162 100

164 63.7 44.8 84.8

98 39.0 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 45.223 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

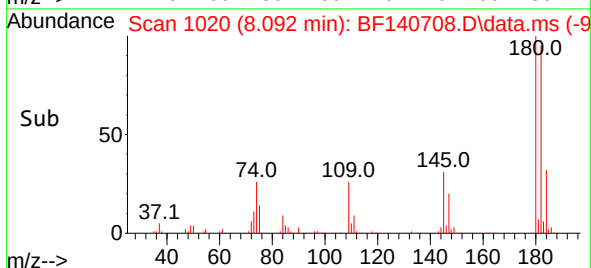
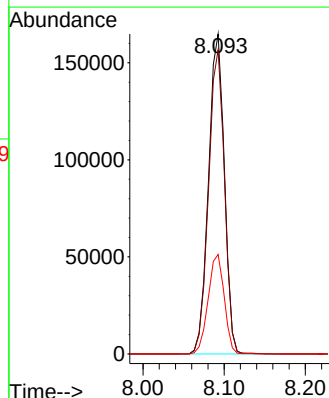
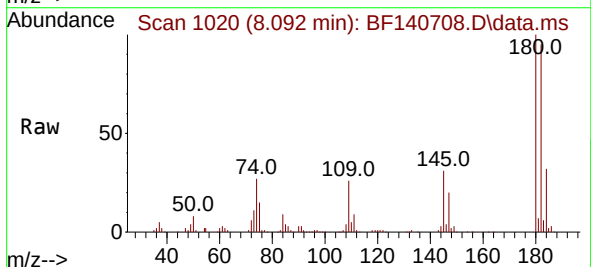
Tgt Ion:180 Resp: 223660

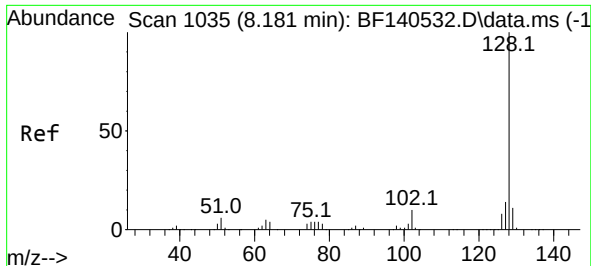
Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

145 31.1 25.9 38.9

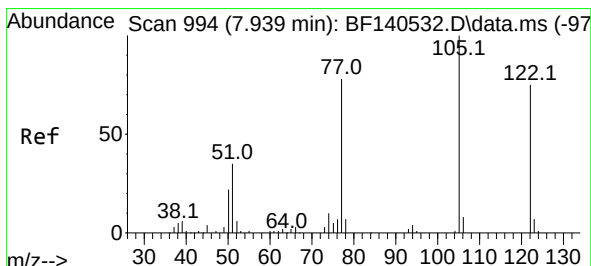
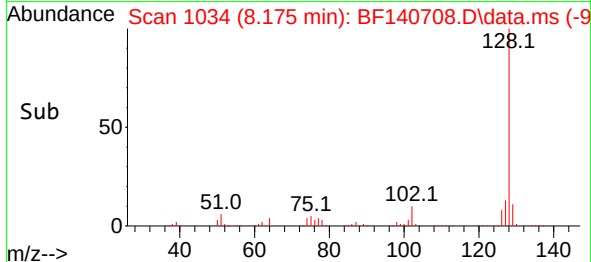
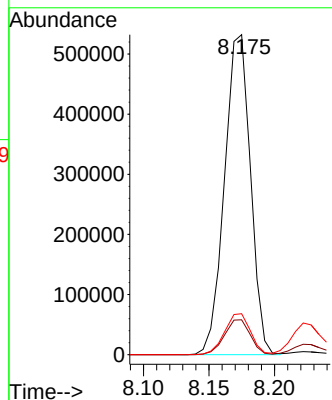
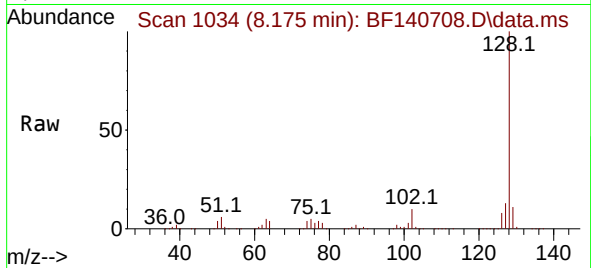




#31
Naphthalene
Concen: 46.666 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

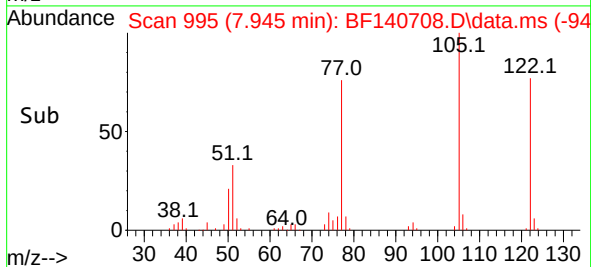
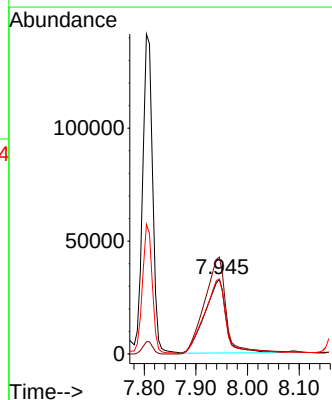
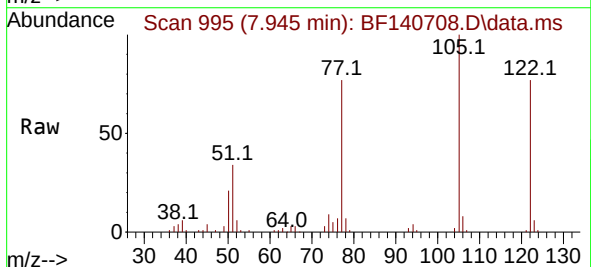
Instrument :
BNA_F
ClientSampleId :
PB165339BS

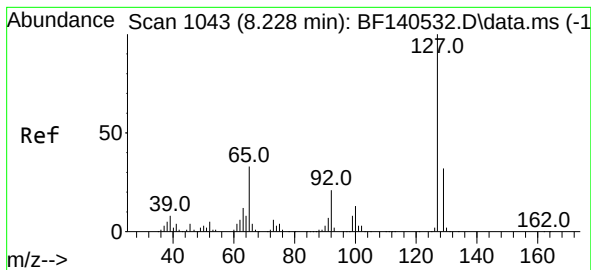
Tgt Ion:128 Resp: 733423
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.8 10.8 16.2



#32
Benzoic acid
Concen: 35.128 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:122 Resp: 93477
Ion Ratio Lower Upper
122 100
105 129.7 109.3 149.3
77 100.2 82.3 122.3

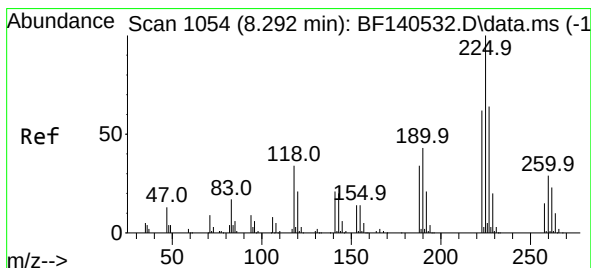
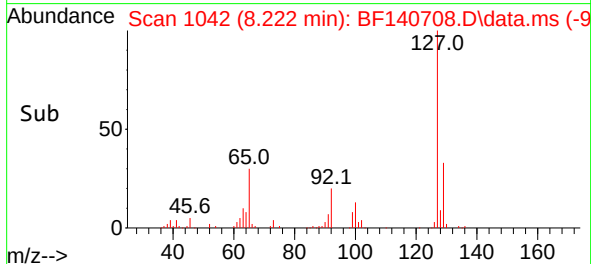
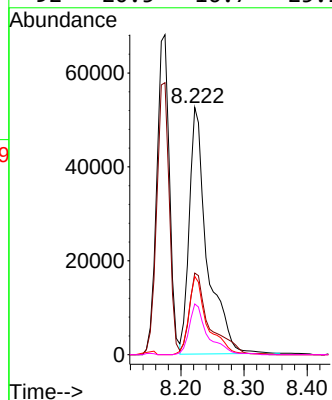
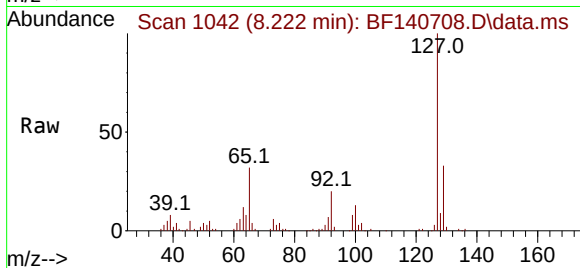




#33
4-Chloroaniline
Concen: 22.039 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

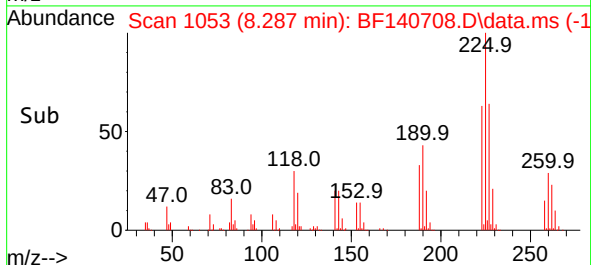
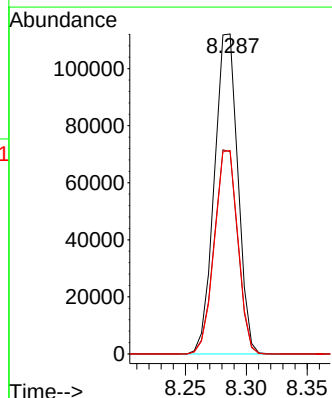
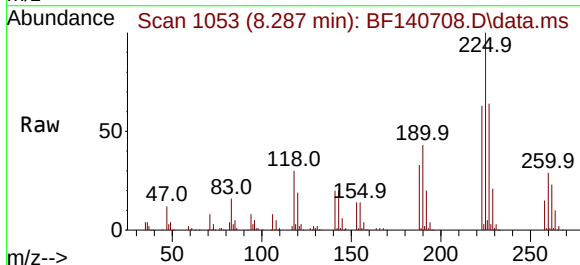
Instrument :
BNA_F
ClientSampleId :
PB165339BS

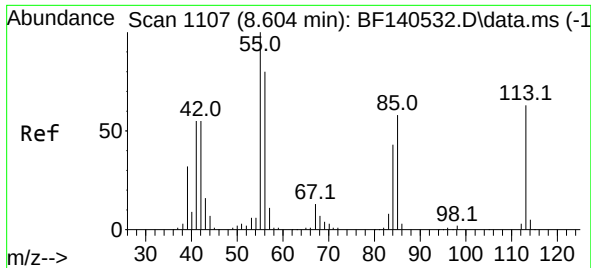
Tgt Ion:	127	Resp:	103708
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.0	39.0
65	31.7	26.0	39.0
92	20.5	16.7	25.1



#34
Hexachlorobutadiene
Concen: 45.953 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:	225	Resp:	150536
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.8
227	63.6	51.3	76.9

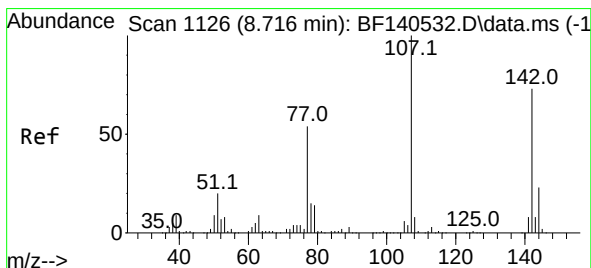
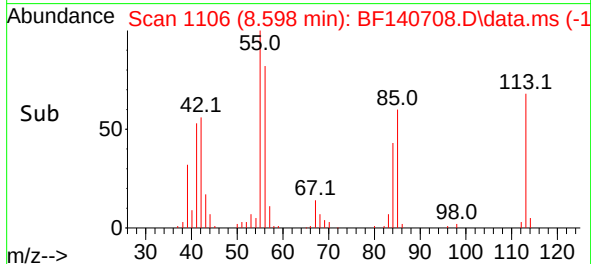
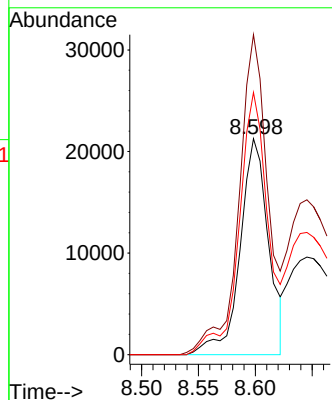
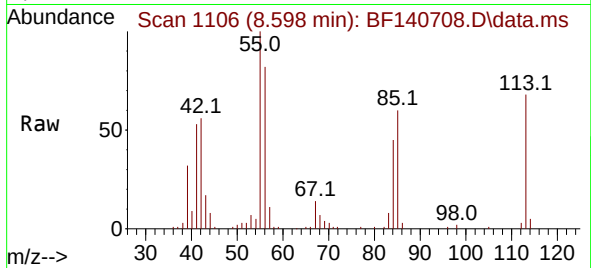




#35
Caprolactam
Concen: 27.587 ng
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

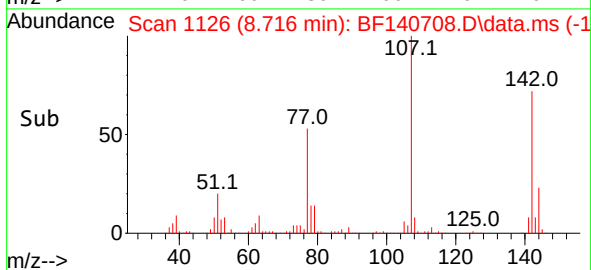
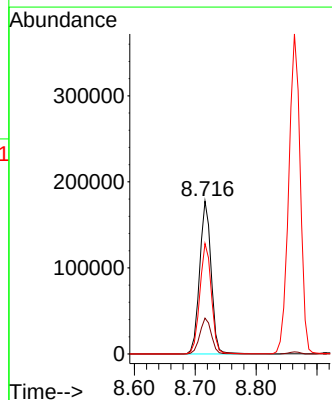
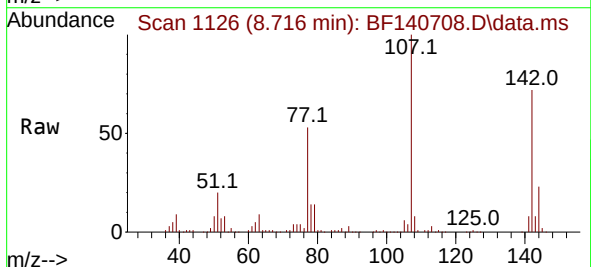
Instrument :
BNA_F
ClientSampleId :
PB165339BS

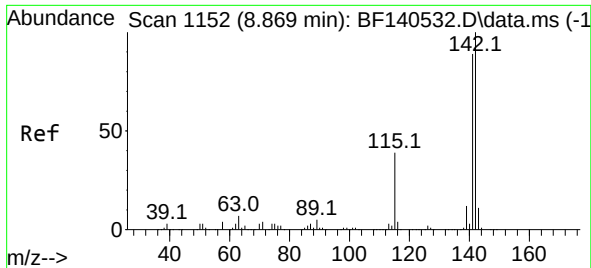
Tgt Ion:113 Resp: 36980
Ion Ratio Lower Upper
113 100
55 148.1 137.7 177.7
56 121.4 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 48.339 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:107 Resp: 234437
Ion Ratio Lower Upper
107 100
144 23.4 18.7 28.1
142 72.3 58.3 87.5

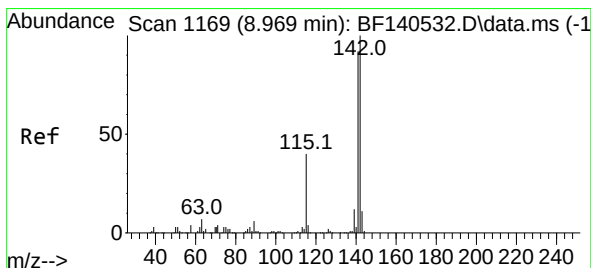
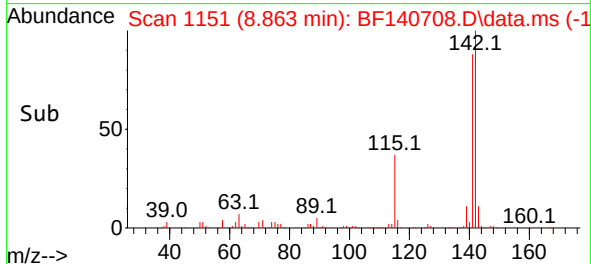
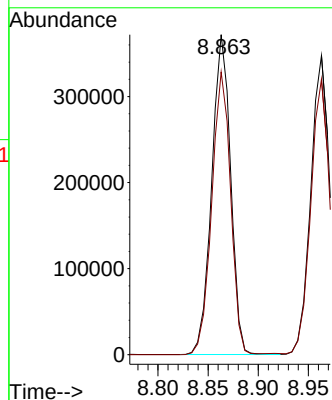
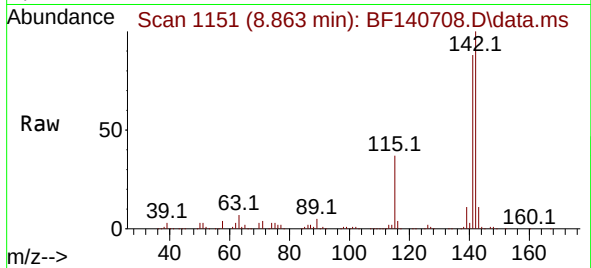




#37
2-Methylnaphthalene
Concen: 48.797 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

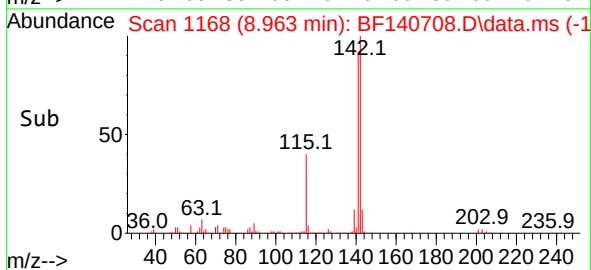
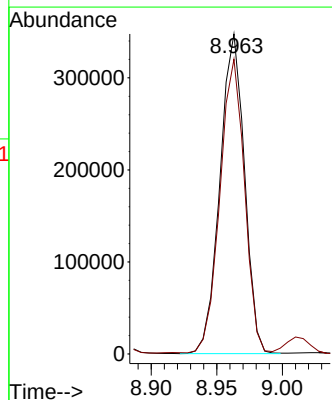
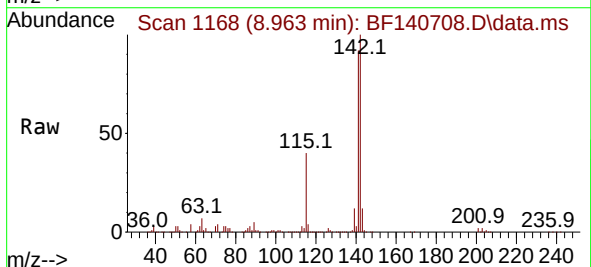
Instrument :
BNA_F
ClientSampleId :
PB165339BS

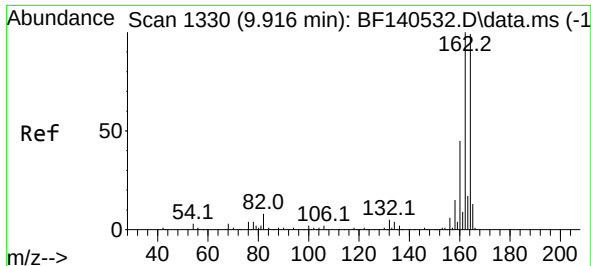
Tgt Ion:142 Resp: 487118
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6



#38
1-Methylnaphthalene
Concen: 46.151 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:142 Resp: 451575
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165339BS

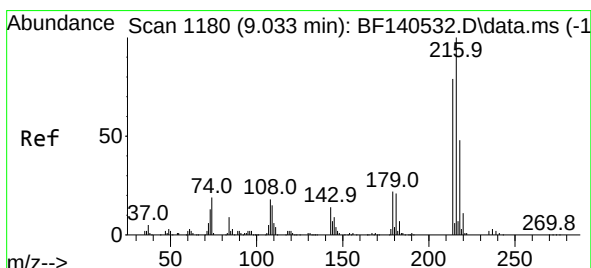
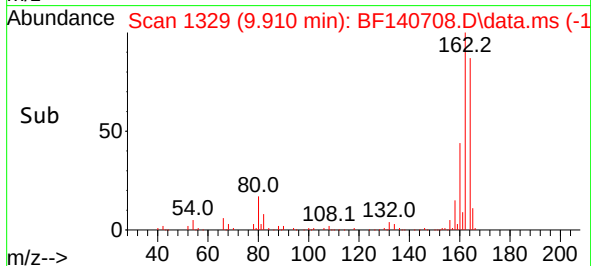
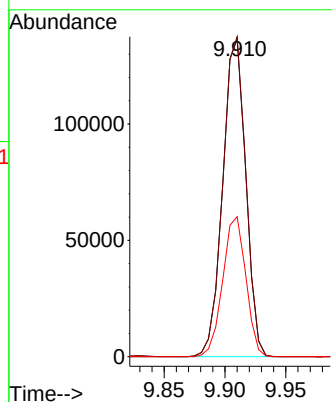
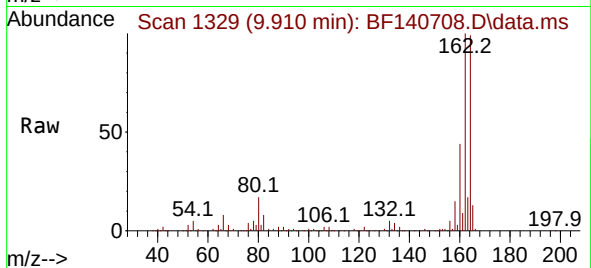
Tgt Ion:164 Resp: 179756

Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

160 44.1 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.202 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

Tgt Ion:216 Resp: 237871

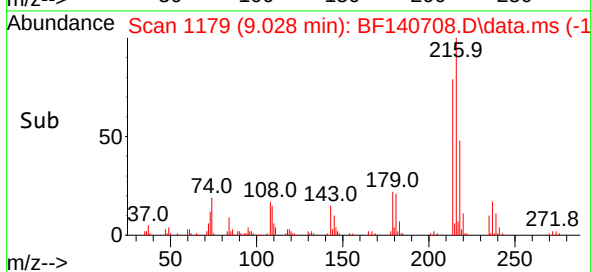
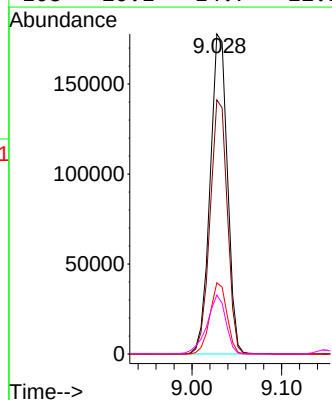
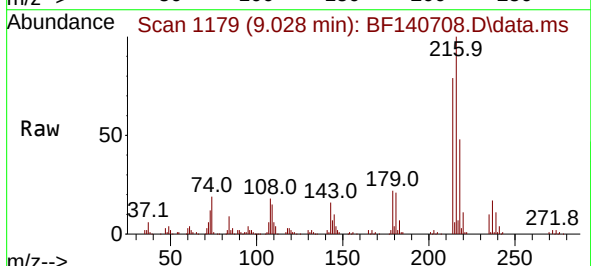
Ion Ratio Lower Upper

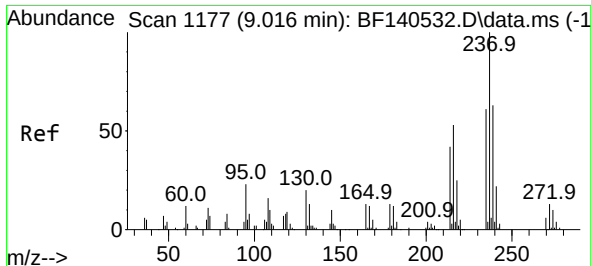
216 100

214 79.3 63.0 94.4

179 21.8 17.5 26.3

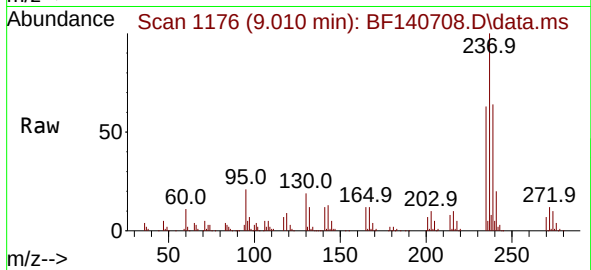
108 20.1 14.7 22.1



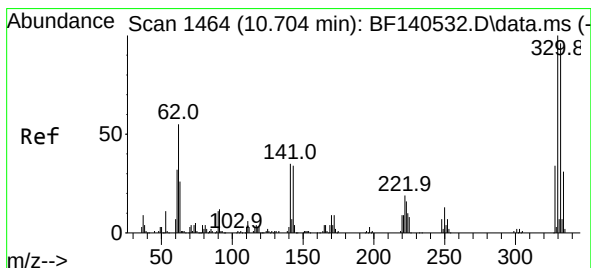
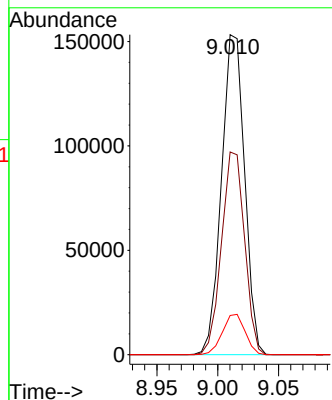
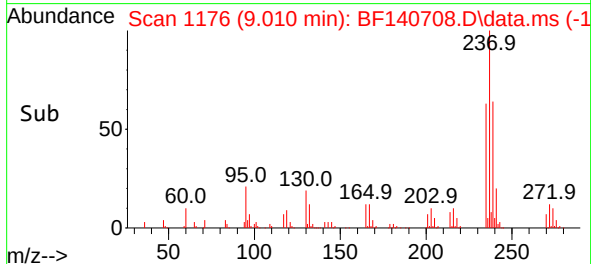


#41
Hexachlorocyclopentadiene
Concen: 163.043 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

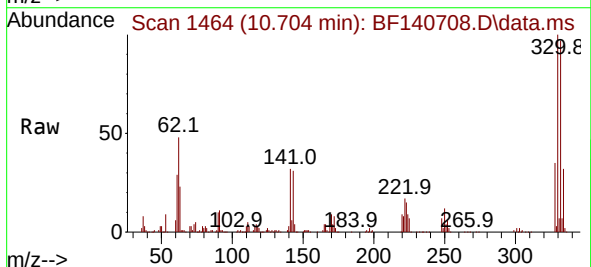
Instrument :
BNA_F
ClientSampleId :
PB165339BS



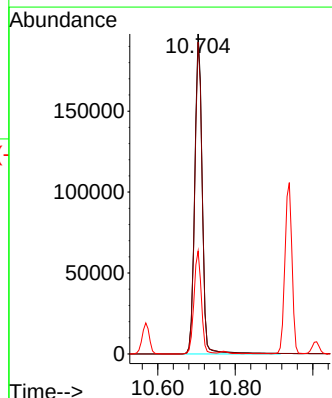
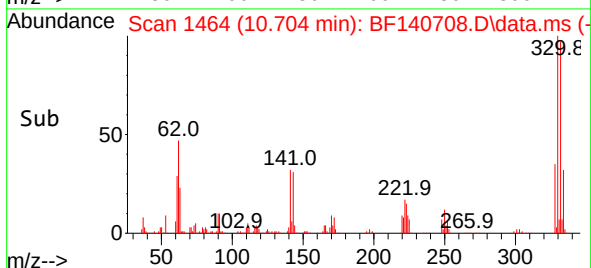
Tgt Ion:237 Resp: 202708
Ion Ratio Lower Upper
237 100
235 63.4 41.1 81.1
272 12.3 0.0 32.6

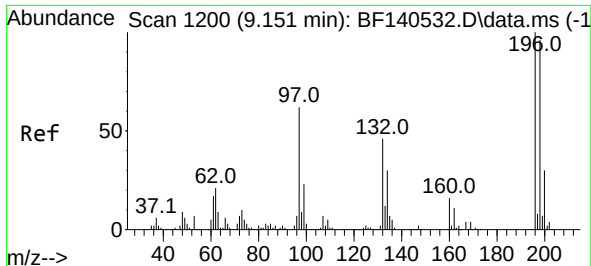


#42
2,4,6-Tribromophenol
Concen: 137.970 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06



Tgt Ion:330 Resp: 265247
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 31.8 26.7 40.1

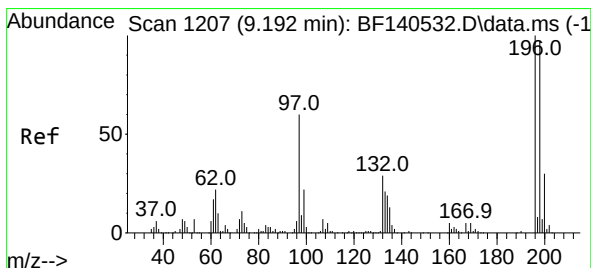
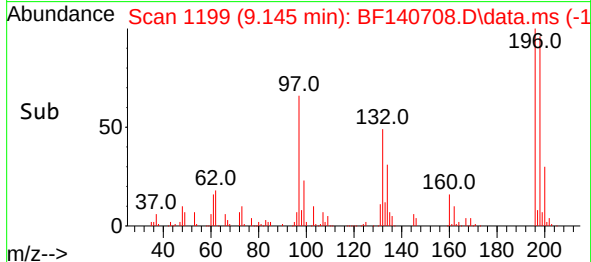
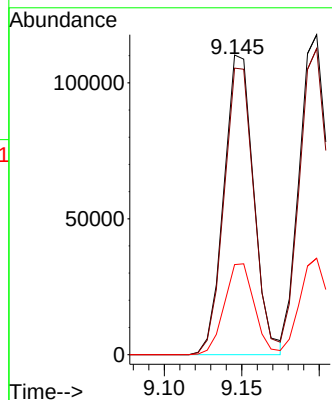
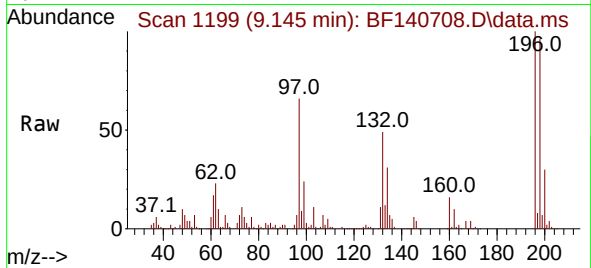




#43
2,4,6-Trichlorophenol
Concen: 44.801 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

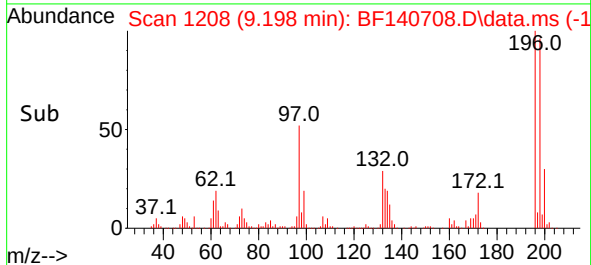
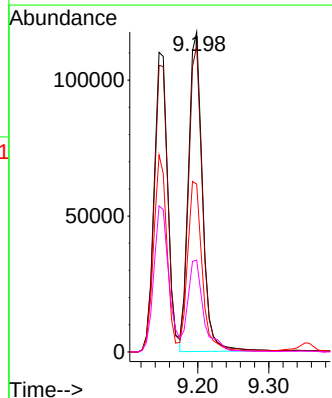
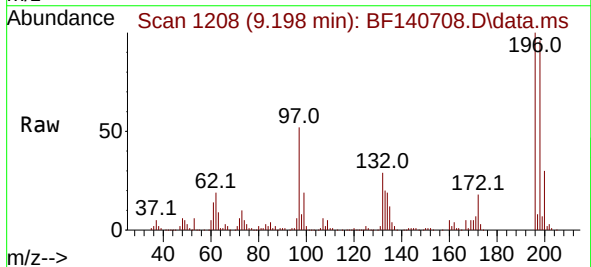
Instrument :
BNA_F
ClientSampleId :
PB165339BS

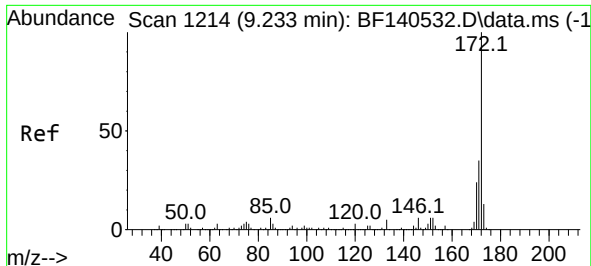
Tgt Ion:196 Resp: 147937
Ion Ratio Lower Upper
196 100
198 95.6 76.8 115.2
200 30.1 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 44.766 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:196 Resp: 160427
Ion Ratio Lower Upper
196 100
198 95.6 77.2 115.8
97 52.4 47.1 70.7
132 28.7 24.1 36.1

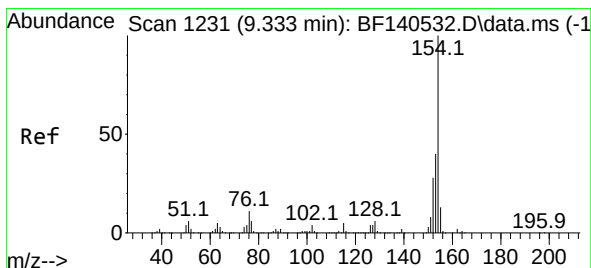
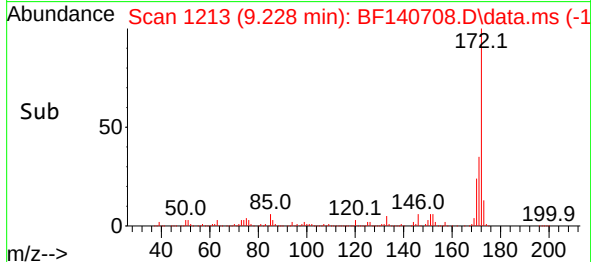
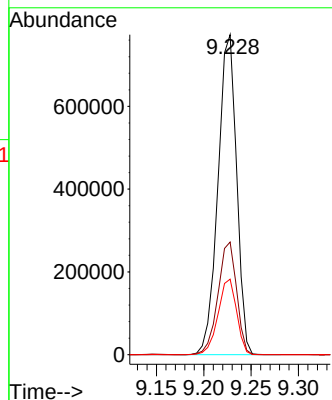
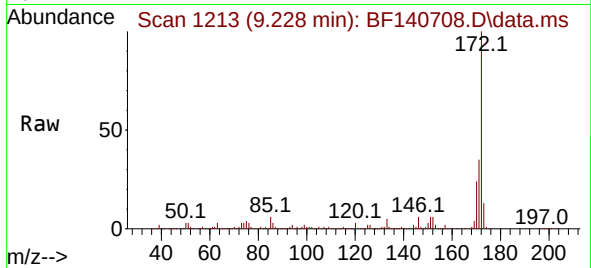




#45
2-Fluorobiphenyl
Concen: 87.861 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

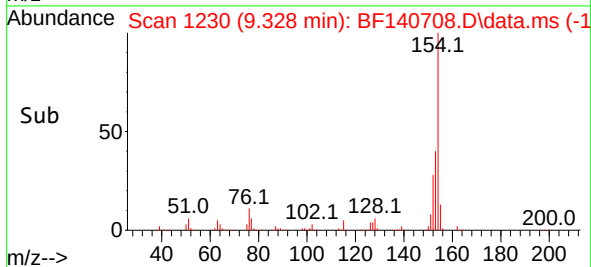
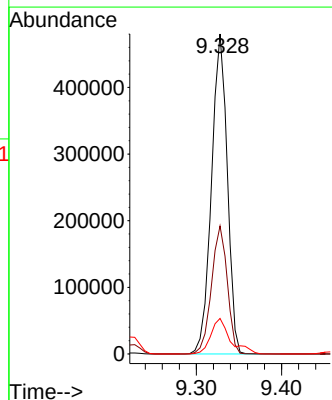
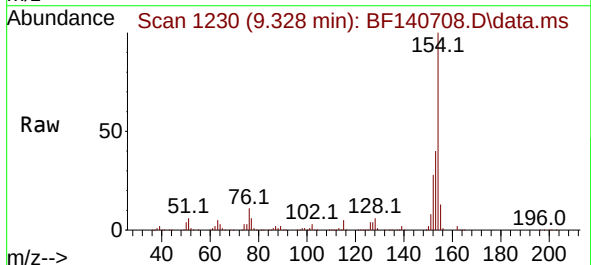
Instrument :
BNA_F
ClientSampleId :
PB165339BS

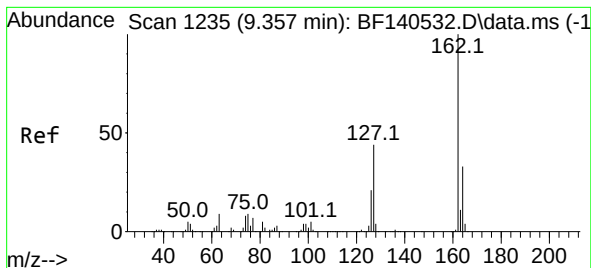
Tgt Ion:172 Resp: 1060015
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.6 19.0 28.6



#46
1,1'-Biphenyl
Concen: 45.975 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:154 Resp: 617020
Ion Ratio Lower Upper
154 100
153 40.0 20.4 60.4
76 11.1 0.0 31.2





#47

2-Chloronaphthalene

Concen: 44.272 ng

RT: 9.357 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165339BS

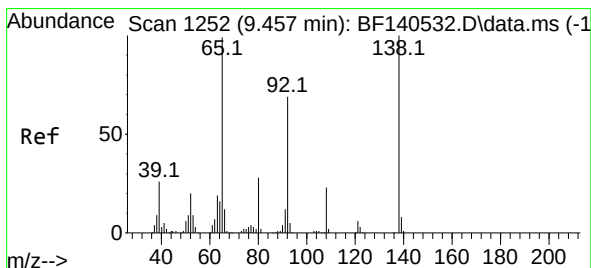
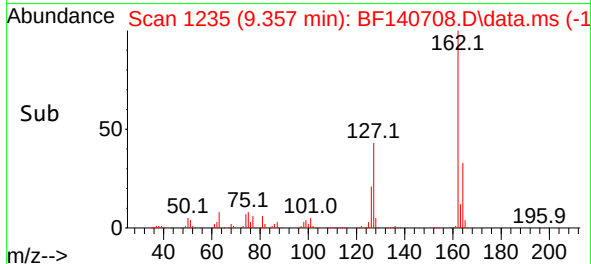
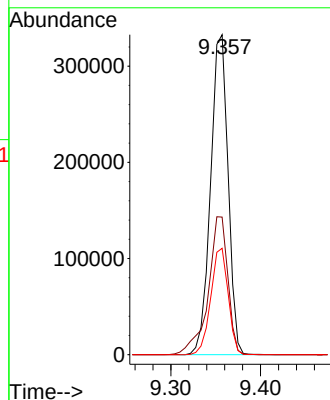
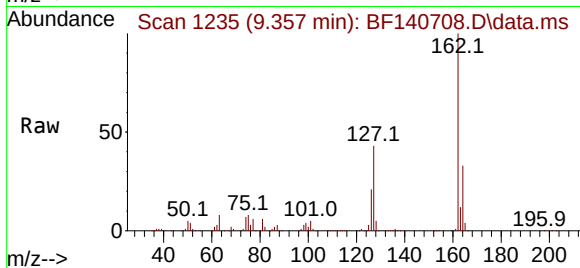
Tgt Ion:162 Resp: 450215

Ion Ratio Lower Upper

162 100

127 43.0 35.7 53.5

164 33.2 26.1 39.1



#48

2-Nitroaniline

Concen: 44.858 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

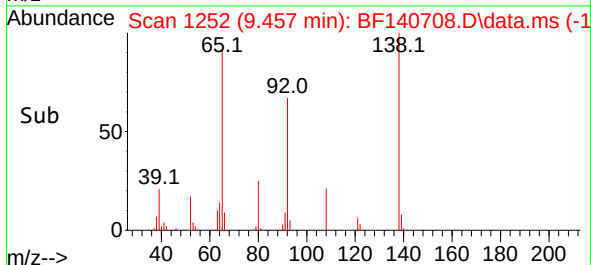
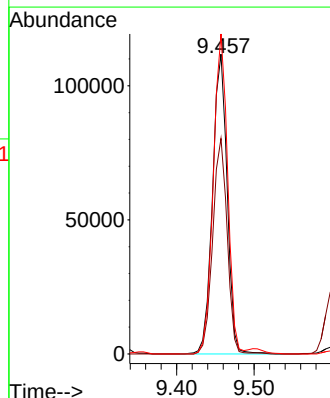
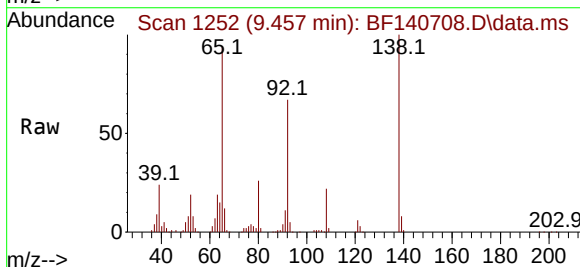
Tgt Ion: 65 Resp: 146422

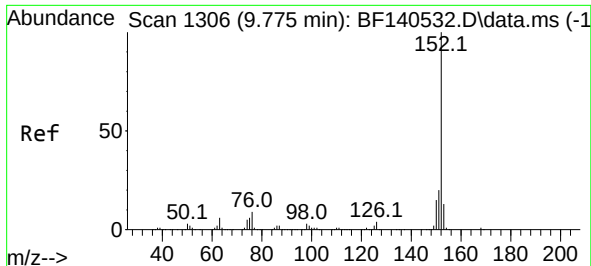
Ion Ratio Lower Upper

65 100

92 71.9 56.1 84.1

138 106.7 81.0 121.6





#49

Acenaphthylene

Concen: 49.431 ng

RT: 9.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165339BS

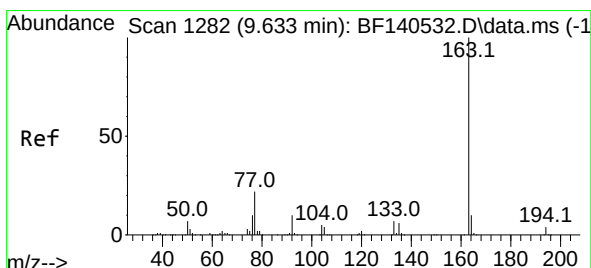
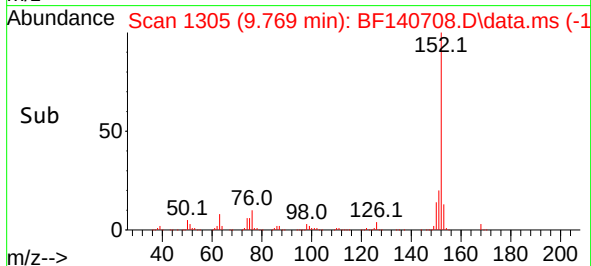
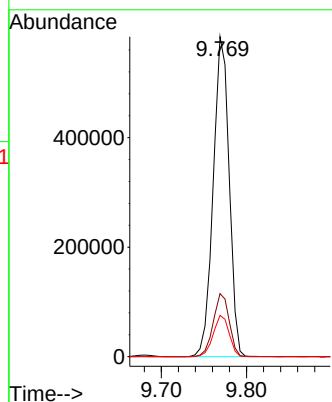
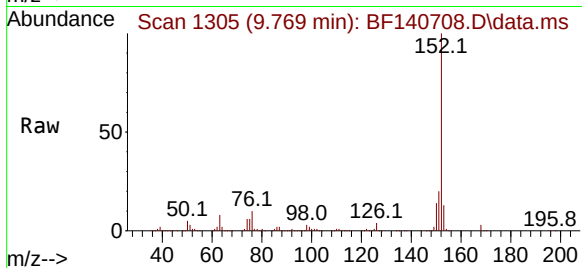
Tgt Ion:152 Resp: 759500

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 12.9 10.6 16.0



#50

Dimethylphthalate

Concen: 48.109 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

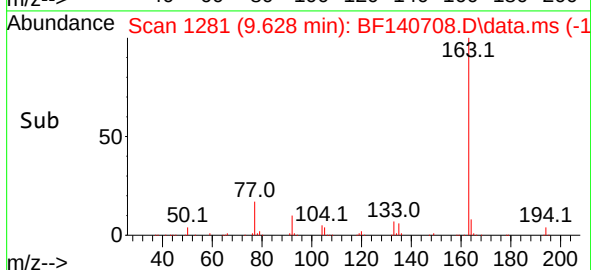
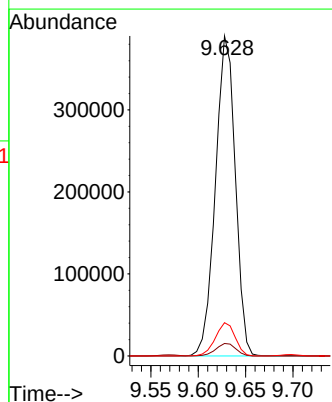
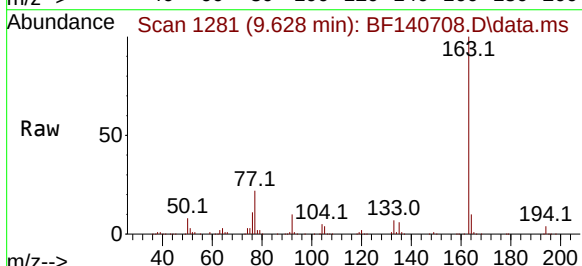
Tgt Ion:163 Resp: 569539

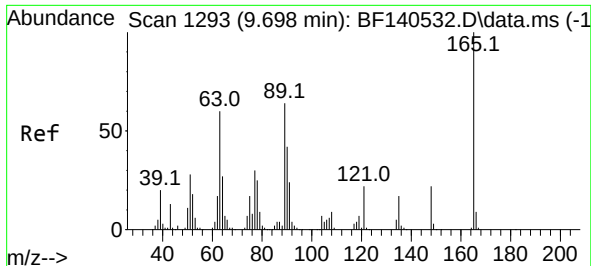
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.2 12.2

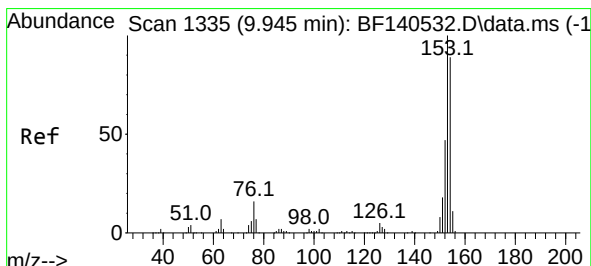
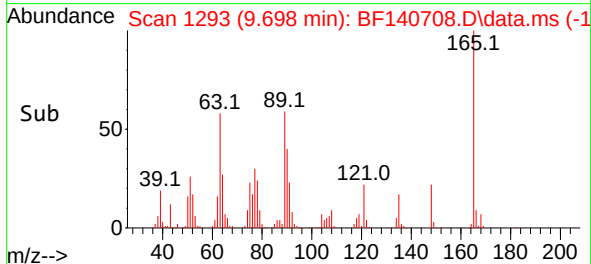
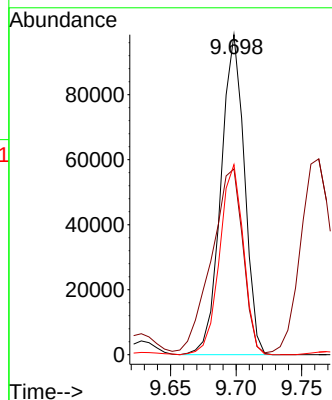
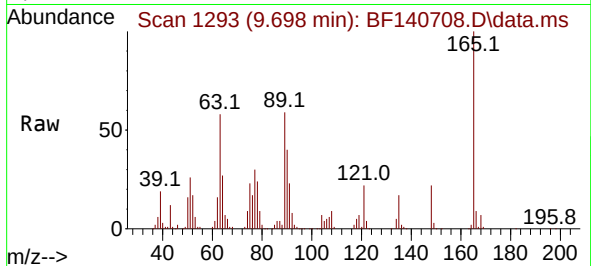




#51
2,6-Dinitrotoluene
Concen: 45.588 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

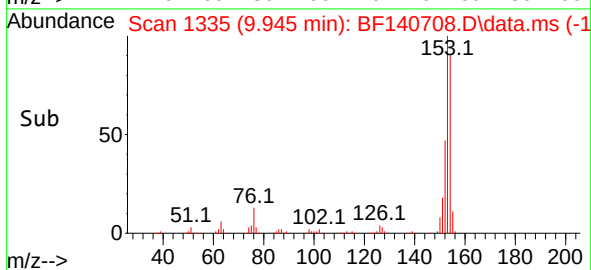
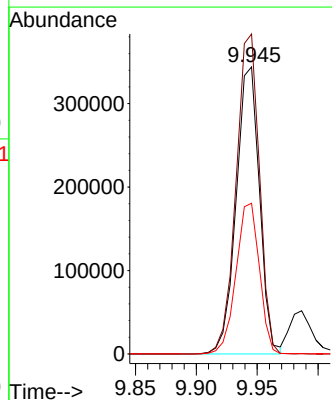
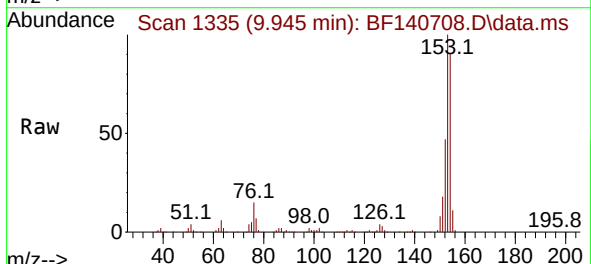
Instrument :
BNA_F
ClientSampleId :
PB165339BS

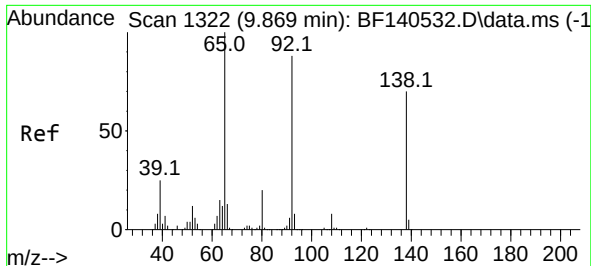
Tgt Ion:165 Resp: 122400
Ion Ratio Lower Upper
165 100
63 58.0 49.9 74.9
89 59.4 50.9 76.3



#52
Acenaphthene
Concen: 47.003 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:154 Resp: 458881
Ion Ratio Lower Upper
154 100
153 111.5 89.7 134.5
152 52.5 42.5 63.7

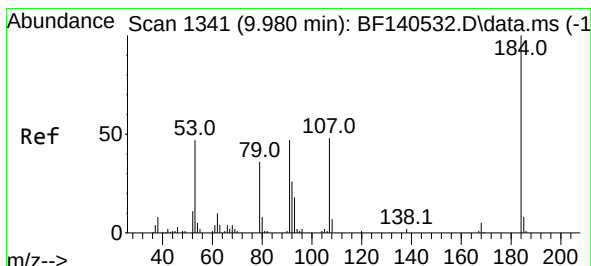
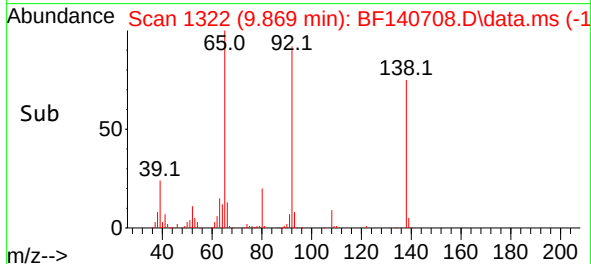
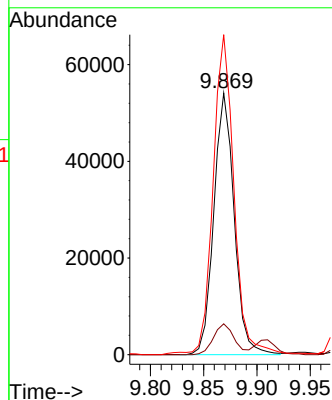
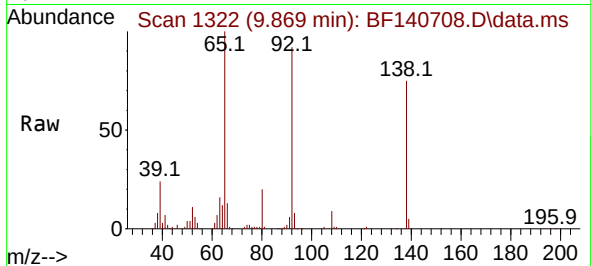




#53
3-Nitroaniline
Concen: 27.388 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

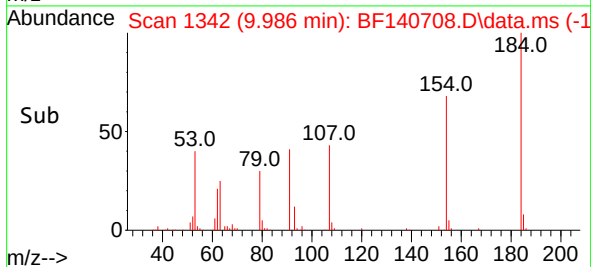
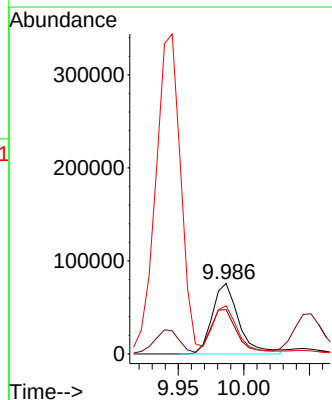
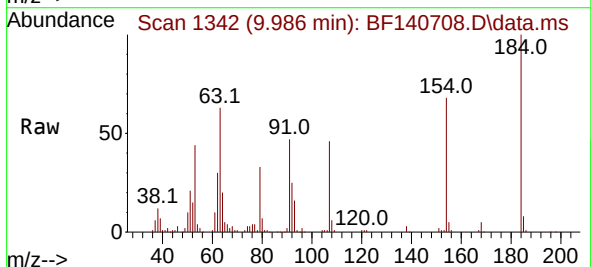
Instrument :
BNA_F
ClientSampleId :
PB165339BS

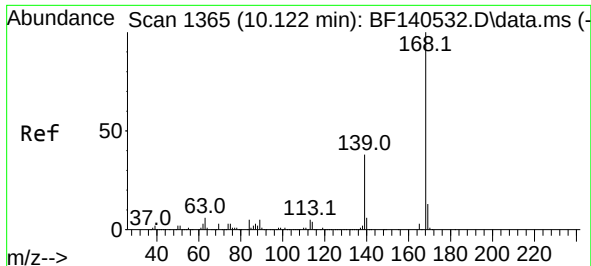
Tgt Ion:138 Resp: 71921
Ion Ratio Lower Upper
138 100
108 11.8 9.2 13.8
92 122.4 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 77.023 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:184 Resp: 106655
Ion Ratio Lower Upper
184 100
63 62.8 54.1 81.1
154 68.2 57.4 86.0

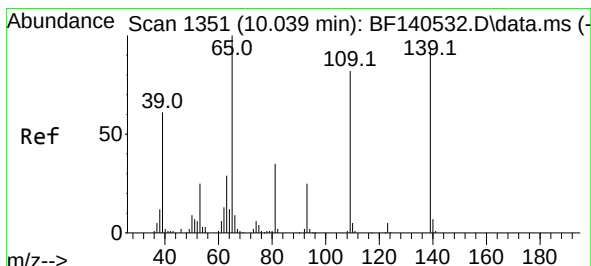
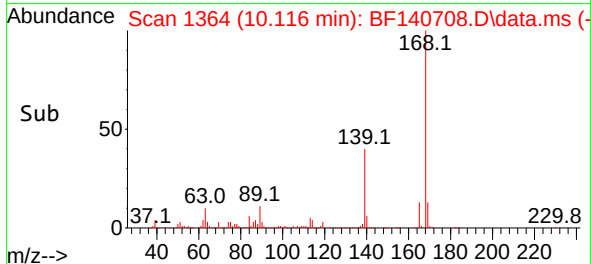
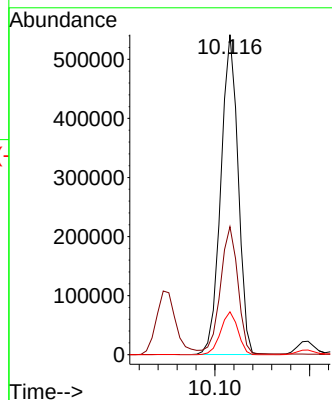
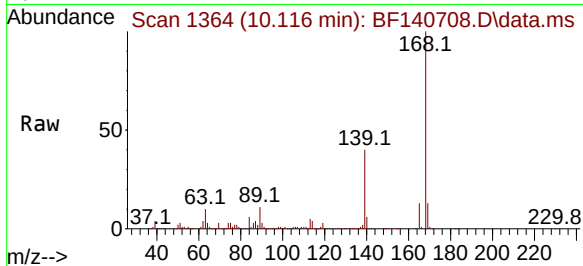




#55
Dibenzenofuran
Concen: 46.112 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

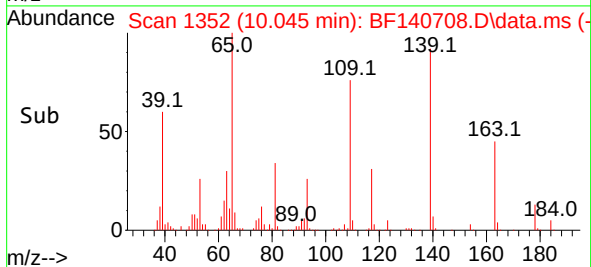
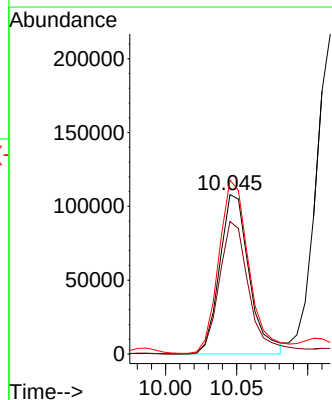
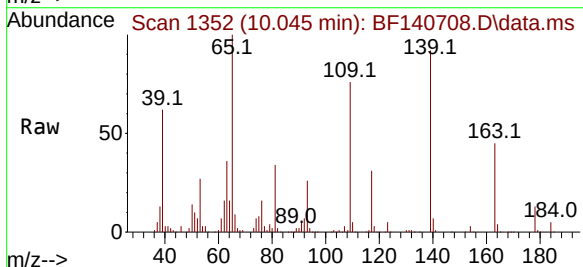
Instrument :
BNA_F
ClientSampleId :
PB165339BS

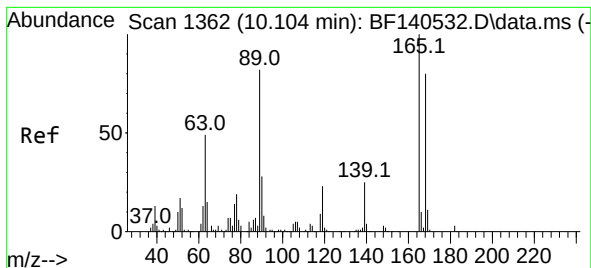
Tgt Ion:168 Resp: 686673
Ion Ratio Lower Upper
168 100
139 40.0 31.3 46.9
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 87.218 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:139 Resp: 156201
Ion Ratio Lower Upper
139 100
109 83.1 68.4 108.4
65 109.2 88.6 128.6

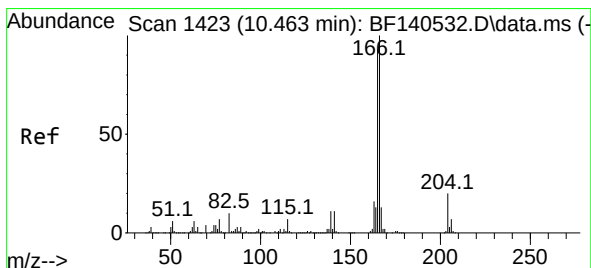
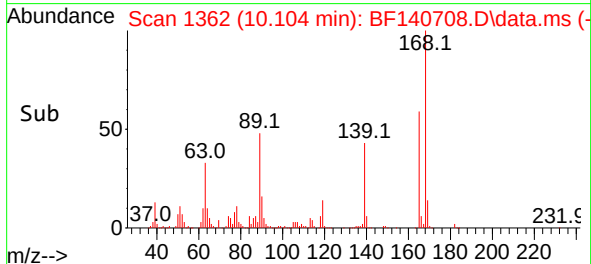
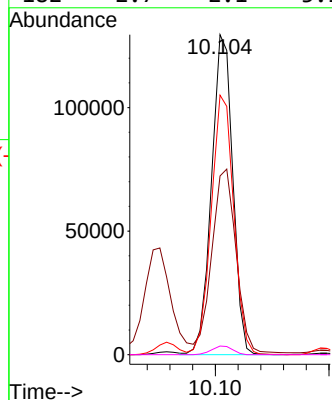
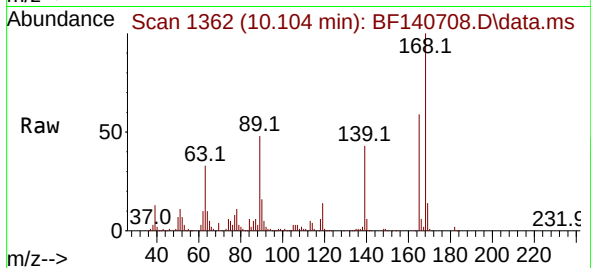




#57
2,4-Dinitrotoluene
Concen: 47.064 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

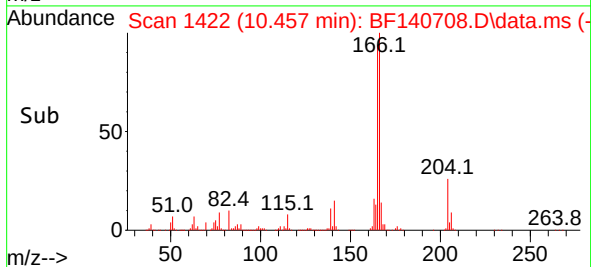
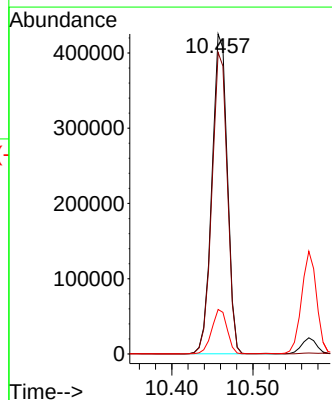
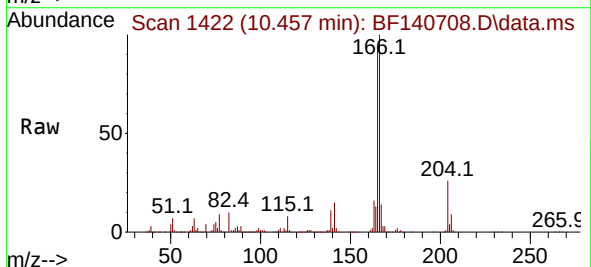
Instrument :
BNA_F
ClientSampleId :
PB165339BS

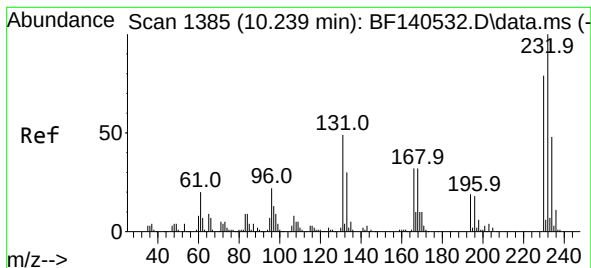
Tgt Ion:165 Resp: 167942
Ion Ratio Lower Upper
165 100
63 55.9 41.7 62.5
89 81.1 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 46.786 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:166 Resp: 559228
Ion Ratio Lower Upper
166 100
165 94.2 74.6 111.8
167 13.9 10.6 16.0

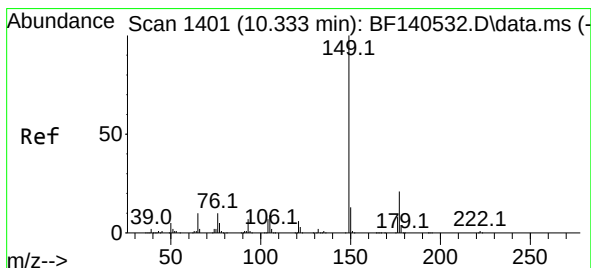
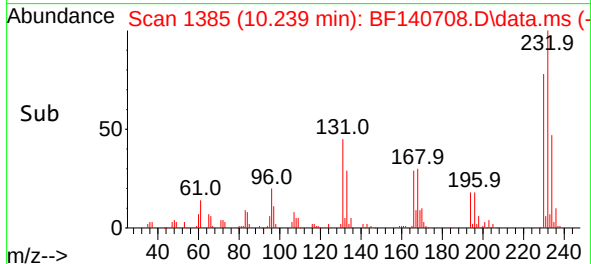
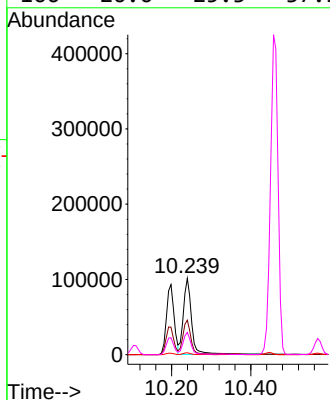
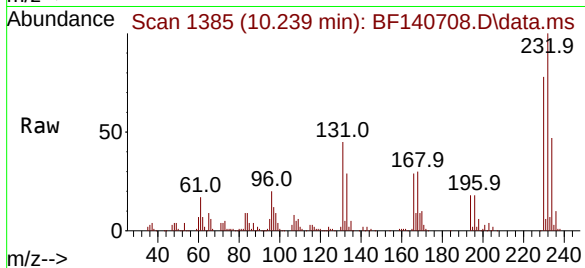




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.986 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

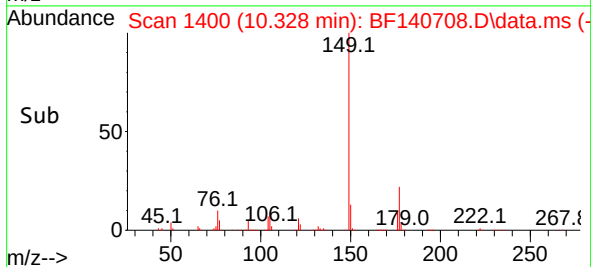
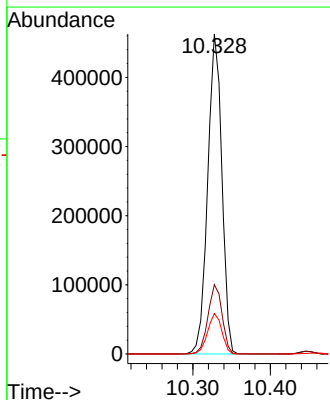
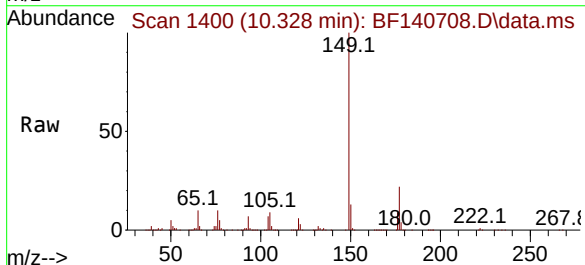
Instrument :
BNA_F
ClientSampleId :
PB165339BS

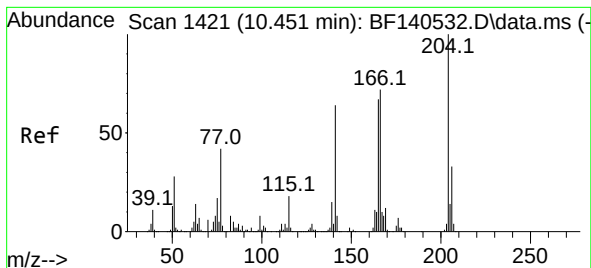
Tgt Ion:232 Resp: 145934
Ion Ratio Lower Upper
232 100
131 41.9 39.6 59.4
130 2.1 1.9 2.9
166 26.6 25.3 37.9



#60
Diethylphthalate
Concen: 48.768 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:149 Resp: 586598
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.7 10.1 15.1

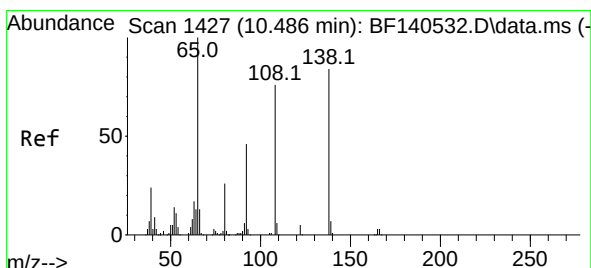
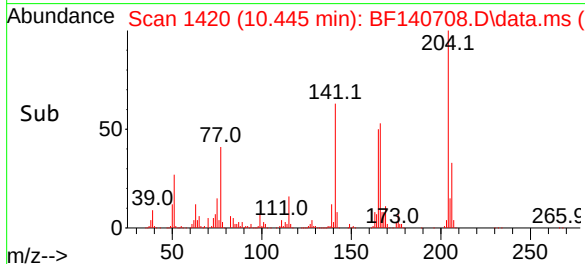
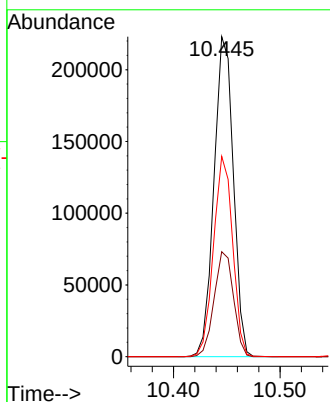
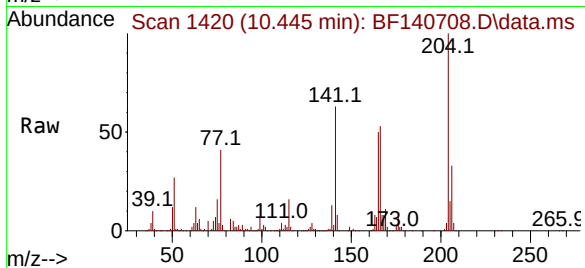




#61
4-Chlorophenyl-phenylether
Concen: 47.922 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

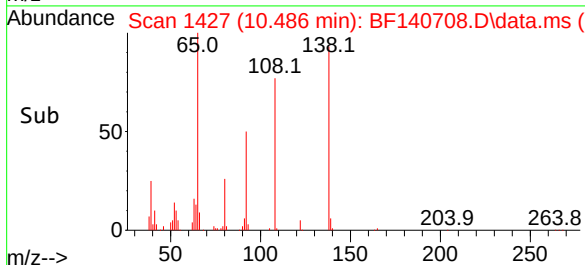
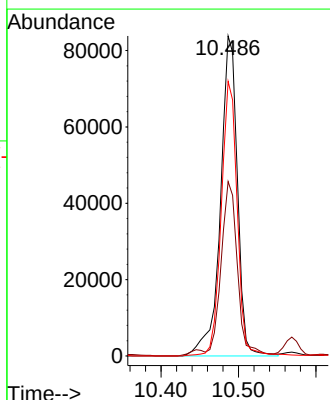
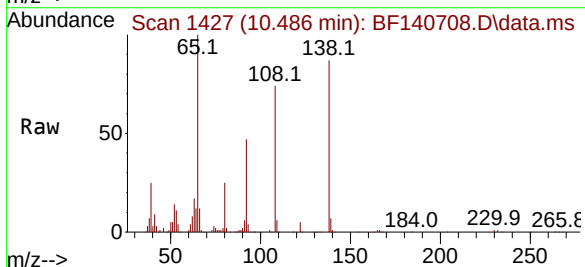
Instrument :
BNA_F
ClientSampleId :
PB165339BS

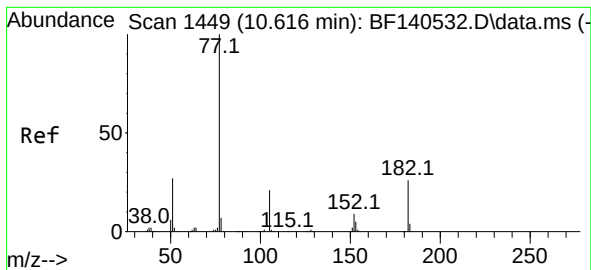
Tgt Ion:204 Resp: 281107
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 62.6 51.1 76.7



#62
4-Nitroaniline
Concen: 46.366 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:138 Resp: 127699
Ion Ratio Lower Upper
138 100
92 54.5 34.5 74.5
108 85.8 70.6 110.6

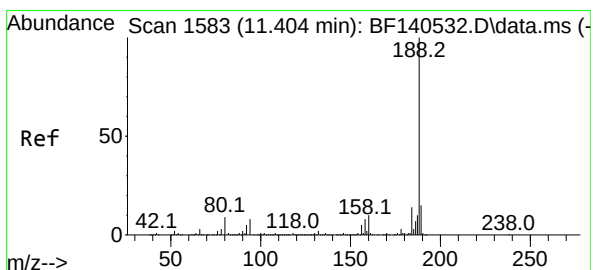
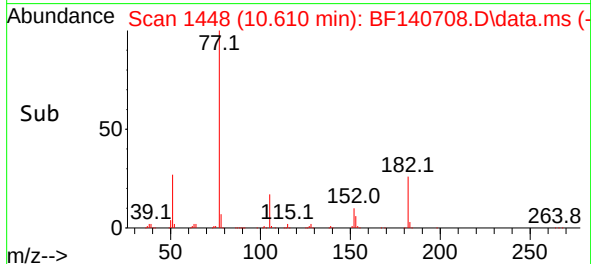
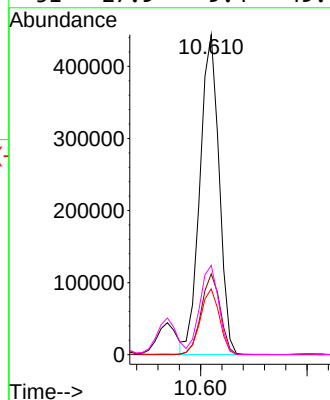
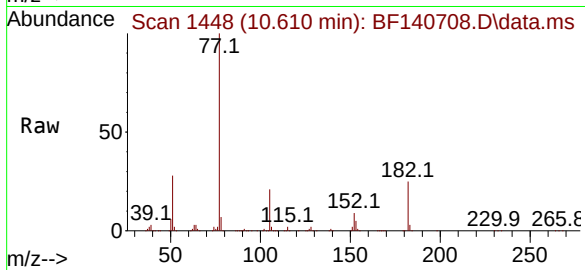




#63
 Azobenzene
 Concen: 48.715 ng
 RT: 10.610 min Scan# 1449
 Delta R.T. -0.006 min
 Lab File: BF140708.D
 Acq: 03 Dec 2024 14:06

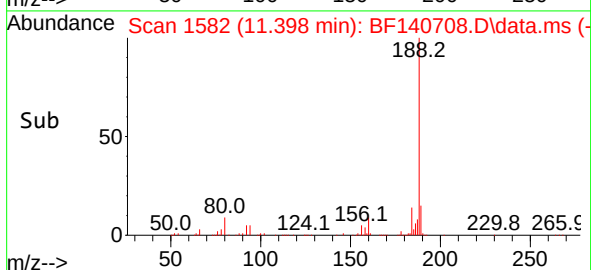
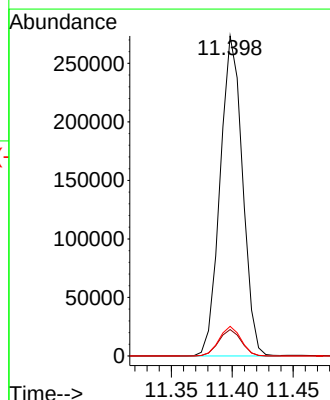
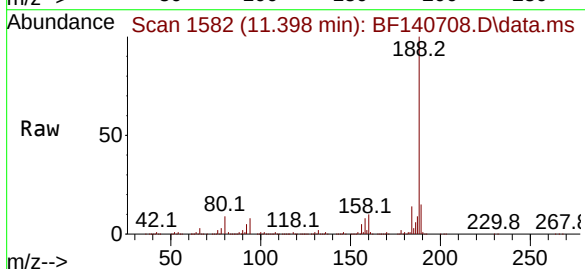
Instrument :
 BNA_F
 ClientSampleId :
 PB165339BS

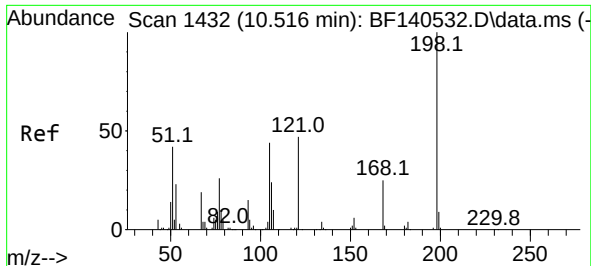
Tgt Ion: 77	Resp: 554902
Ion Ratio	Lower Upper
77 100	
182 25.3	5.3 45.3
105 20.6	0.3 40.3
51 27.9	9.4 49.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.398 min Scan# 1582
 Delta R.T. -0.006 min
 Lab File: BF140708.D
 Acq: 03 Dec 2024 14:06

Tgt Ion:188	Resp: 350198
Ion Ratio	Lower Upper
188 100	
94 8.2	6.4 9.6
80 9.2	6.9 10.3

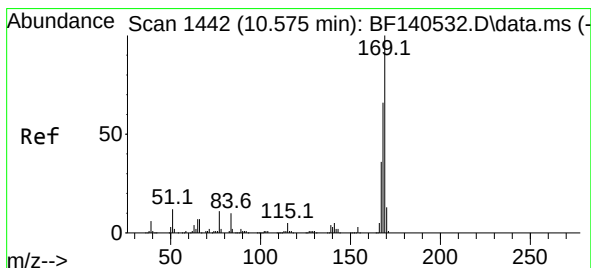
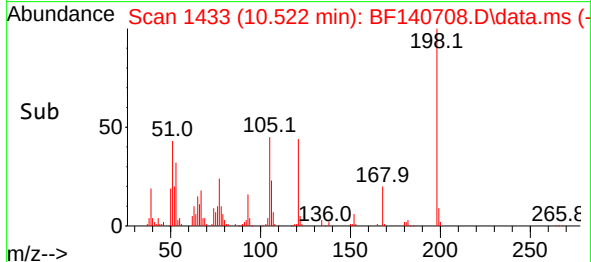
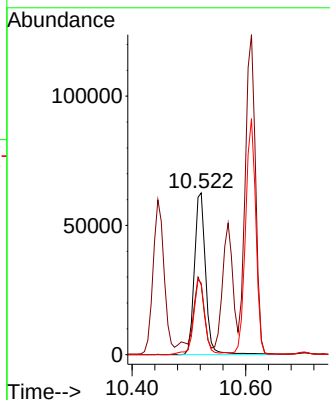
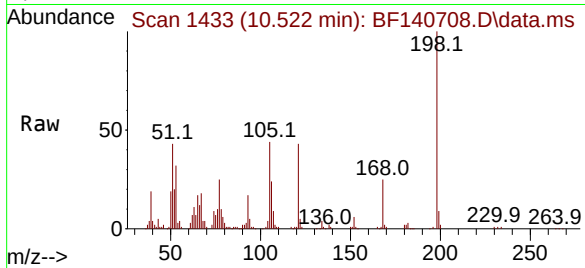




#65
4,6-Dinitro-2-methylphenol
Concen: 48.384 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

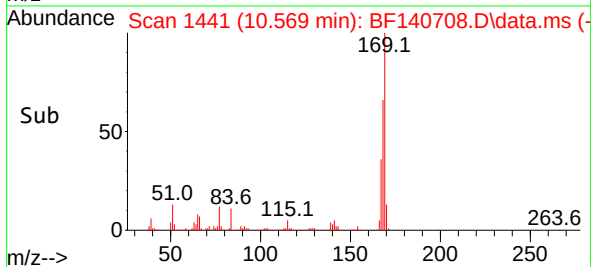
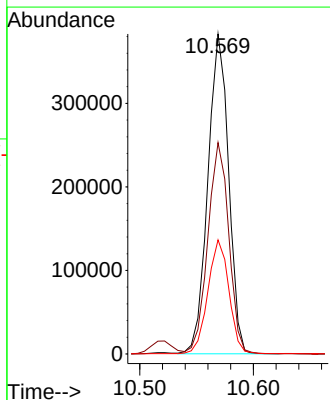
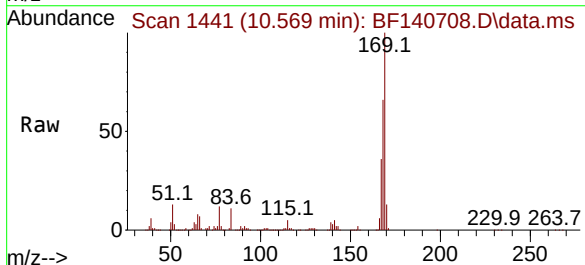
Instrument :
BNA_F
ClientSampleId :
PB165339BS

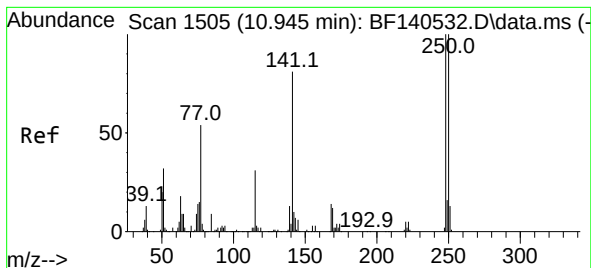
Tgt Ion:198 Resp: 86585
Ion Ratio Lower Upper
198 100
51 43.1 29.4 69.4
105 44.2 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 46.770 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:169 Resp: 484358
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 35.6 29.0 43.6

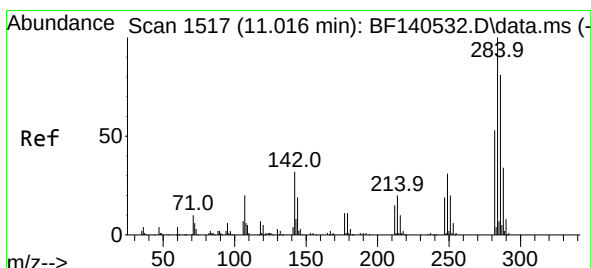
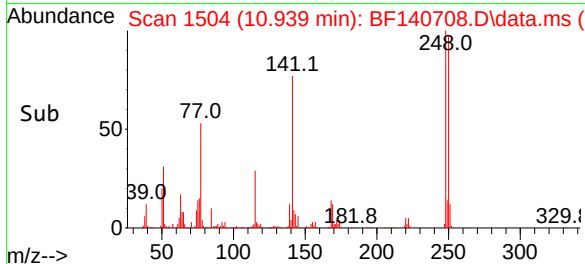
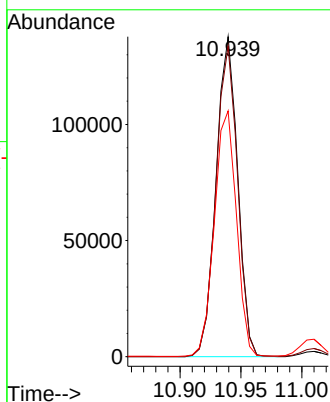
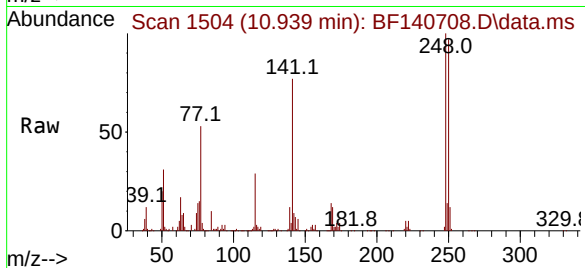




#67
4-Bromophenyl-phenylether
Concen: 47.229 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

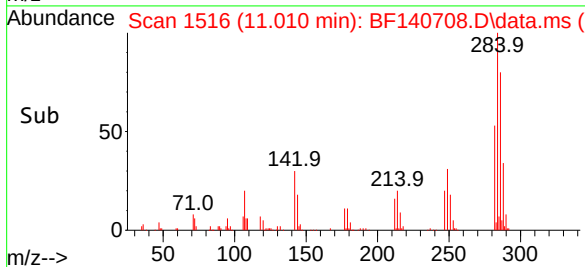
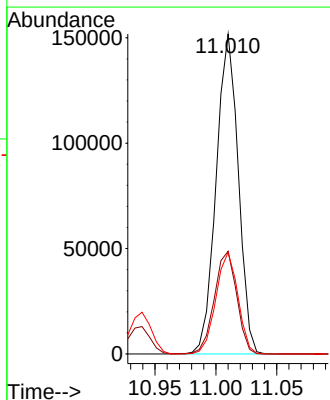
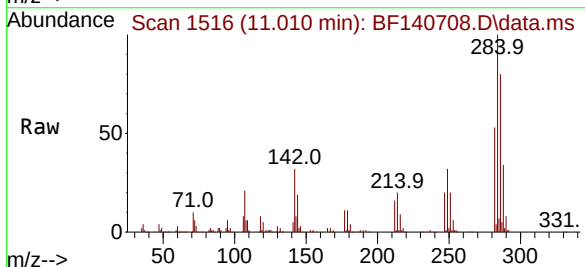
Instrument :
BNA_F
ClientSampleId :
PB165339BS

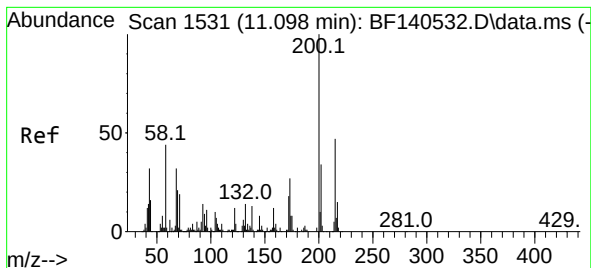
Tgt Ion:248 Resp: 170333
Ion Ratio Lower Upper
248 100
250 97.1 79.8 119.8
141 76.8 64.7 97.1



#68
Hexachlorobenzene
Concen: 45.830 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:284 Resp: 191386
Ion Ratio Lower Upper
284 100
142 32.1 25.3 37.9
249 31.8 24.8 37.2





#69

Atrazine

Concen: 57.675 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165339BS

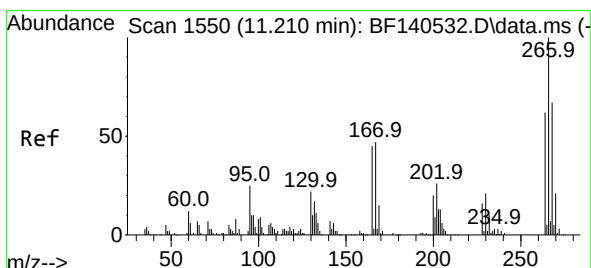
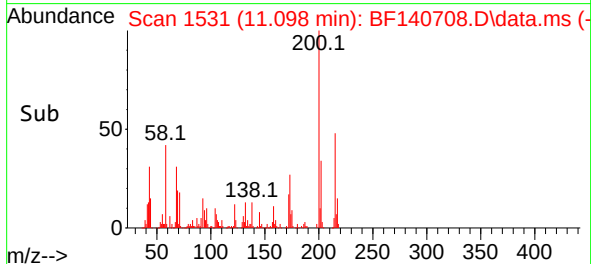
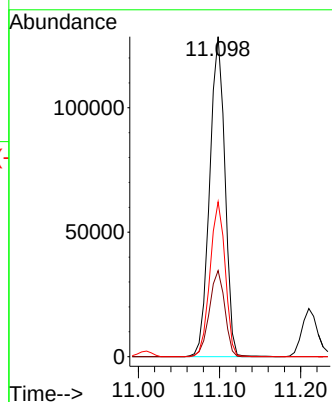
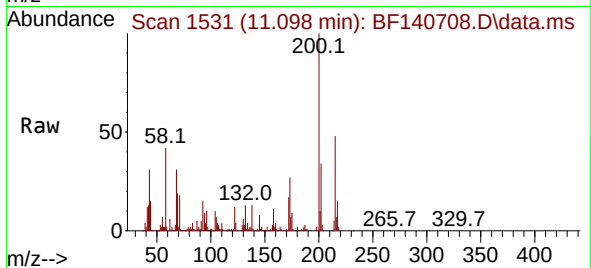
Tgt Ion:200 Resp: 168033

Ion Ratio Lower Upper

200 100

173 26.9 7.0 47.0

215 48.4 26.7 66.7



#70

Pentachlorophenol

Concen: 84.036 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

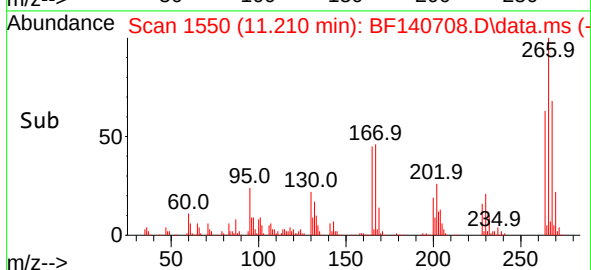
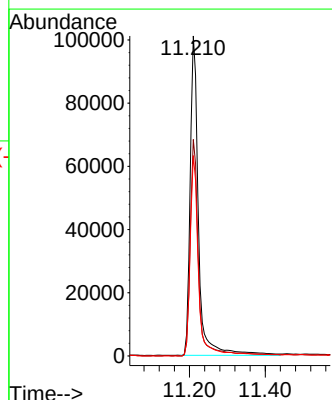
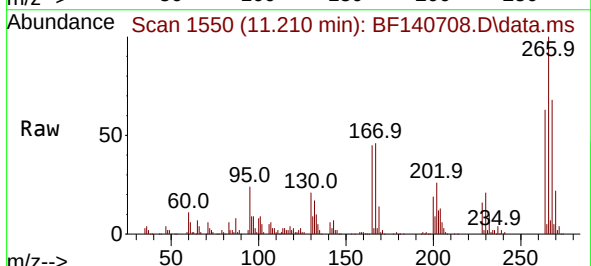
Tgt Ion:266 Resp: 154454

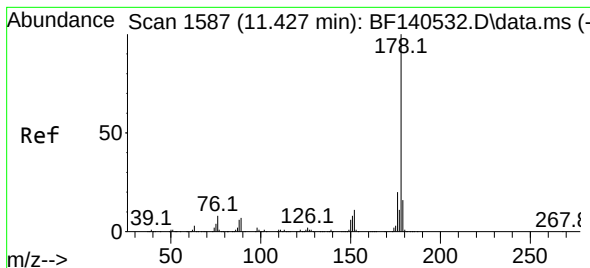
Ion Ratio Lower Upper

266 100

268 67.7 53.7 80.5

264 62.6 49.8 74.8





#71

Phenanthrene

Concen: 49.025 ng

RT: 11.428 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165339BS

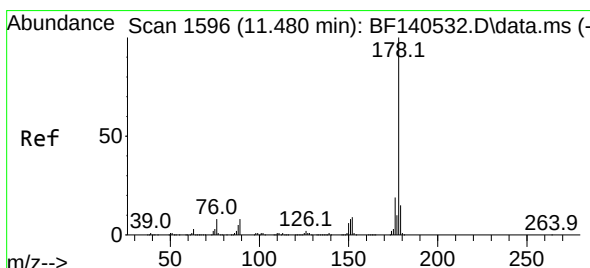
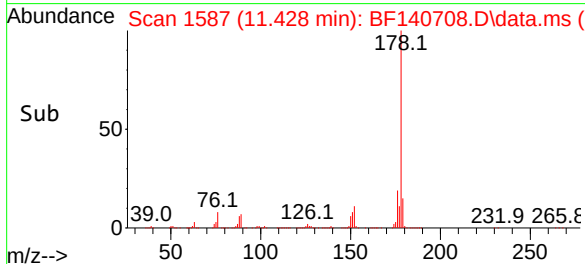
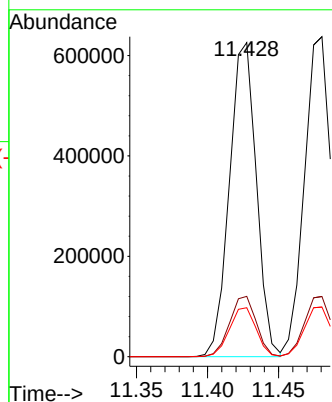
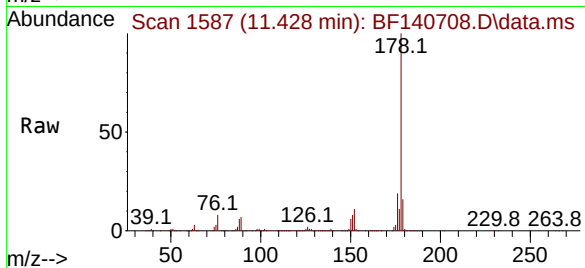
Tgt Ion:178 Resp: 825272

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

179 15.6 12.4 18.6



#72

Anthracene

Concen: 50.857 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

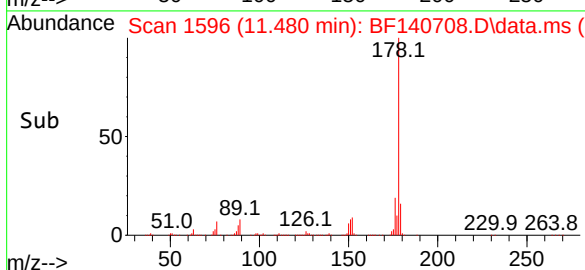
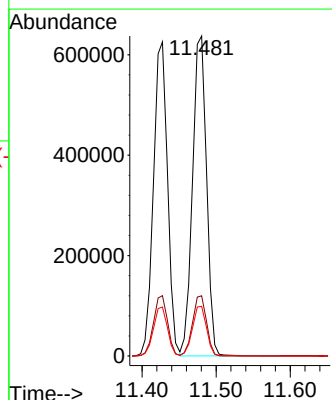
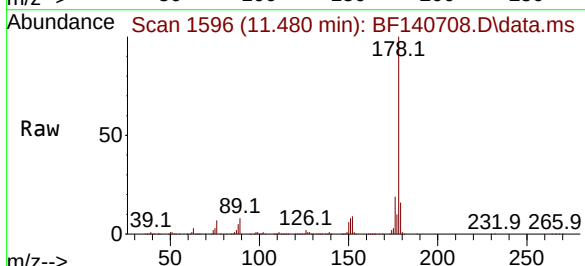
Tgt Ion:178 Resp: 837432

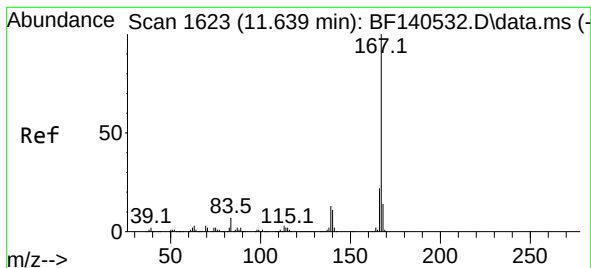
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.5 12.2 18.4





#73

Carbazole

Concen: 49.081 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165339BS

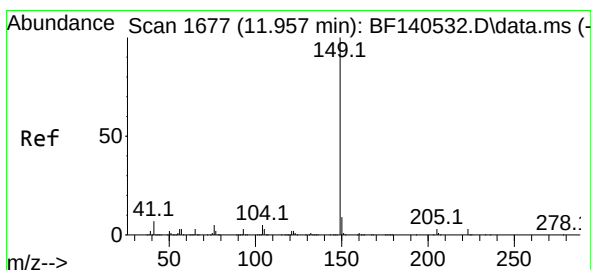
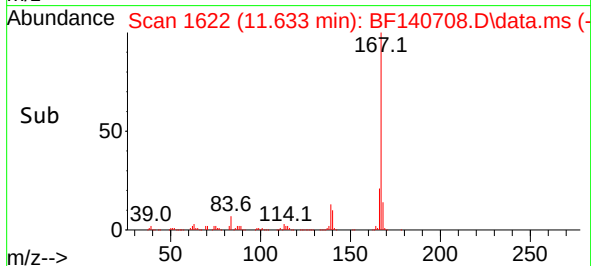
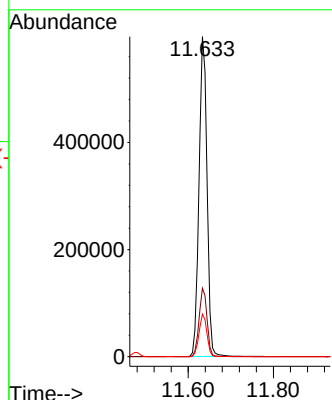
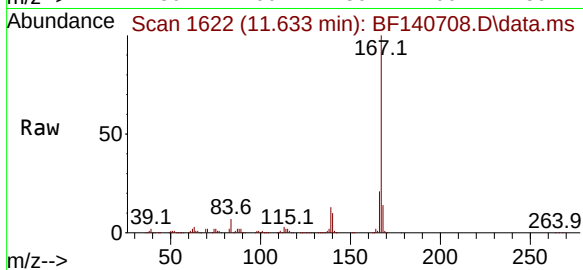
Tgt Ion:167 Resp: 777485

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.3 10.6 15.8



#74

Di-n-butylphthalate

Concen: 53.186 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

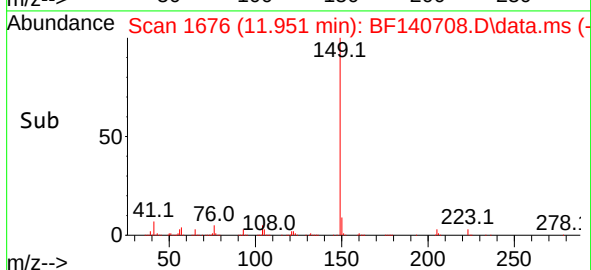
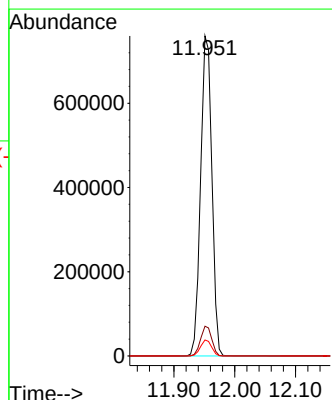
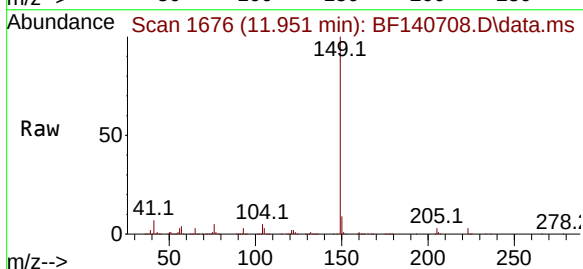
Tgt Ion:149 Resp: 972680

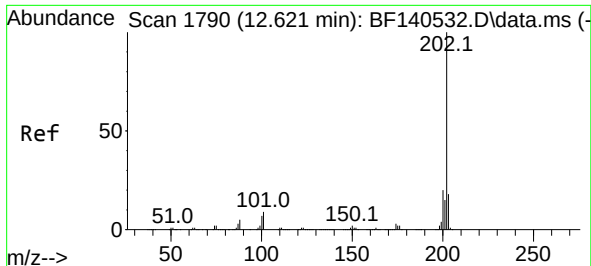
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.0 4.1 6.1

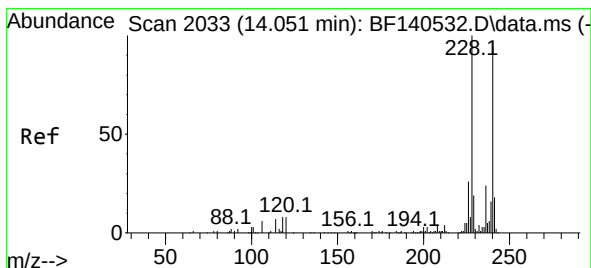
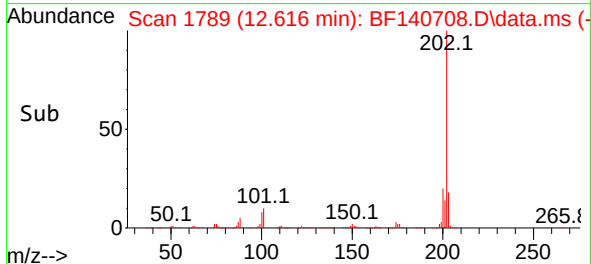
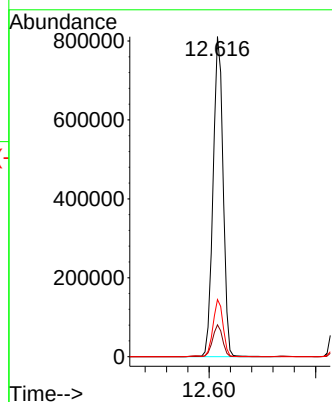
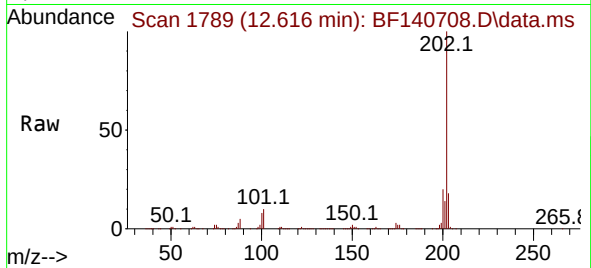




#75
Fluoranthene
Concen: 57.905 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

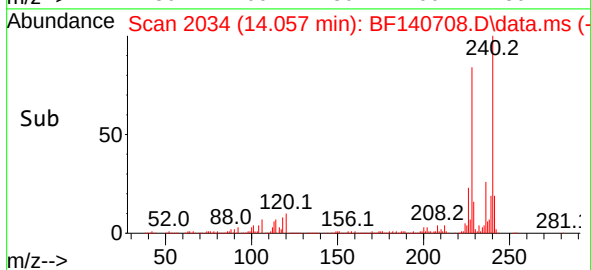
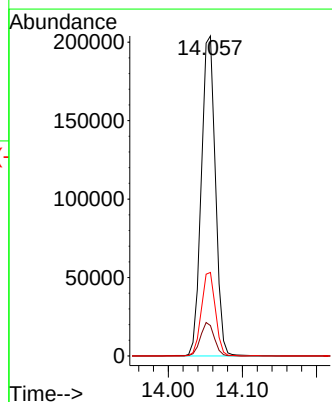
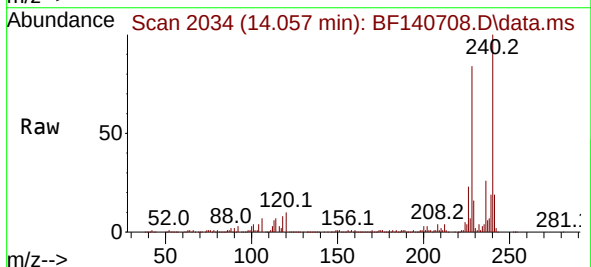
Instrument :
BNA_F
ClientSampleId :
PB165339BS

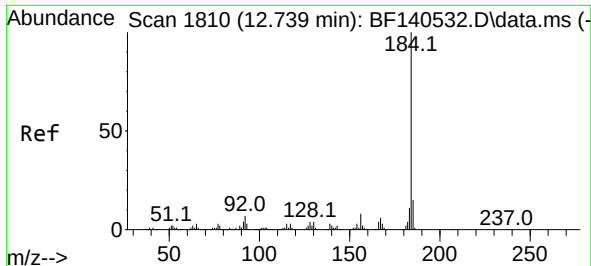
Tgt Ion:202 Resp: 1058333
Ion Ratio Lower Upper
202 100
101 10.0 0.0 28.9
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:240 Resp: 269342
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 26.1 20.6 31.0

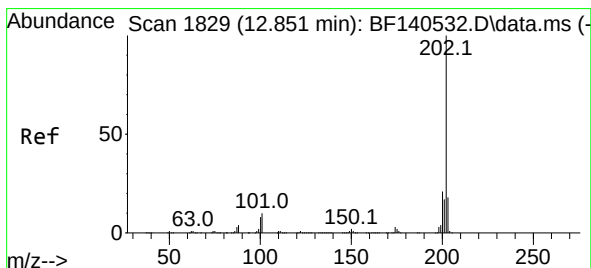
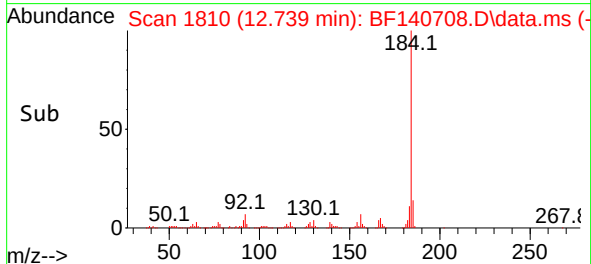
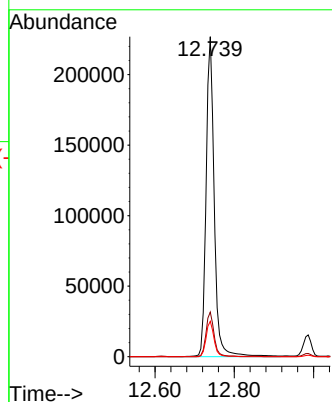
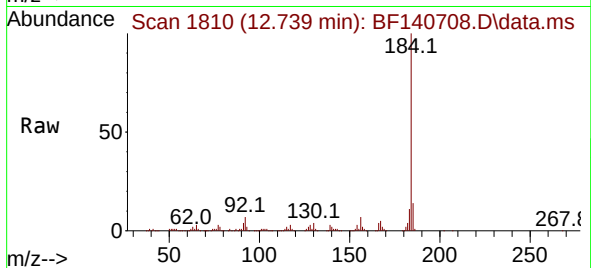




#77
Benzidine
Concen: 41.381 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

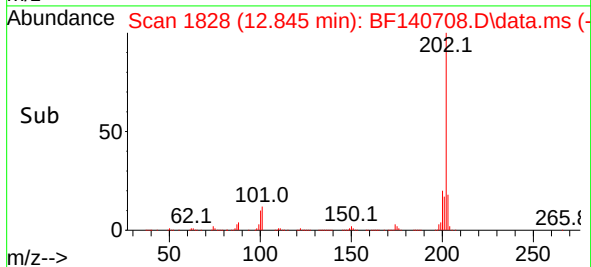
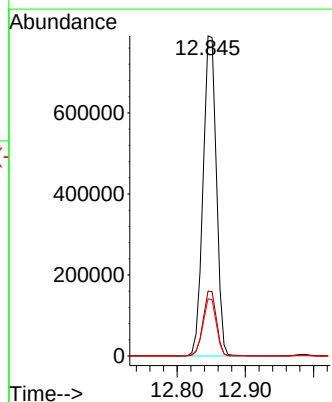
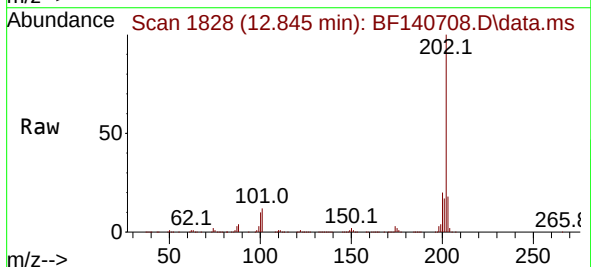
Instrument :
BNA_F
ClientSampleId :
PB165339BS

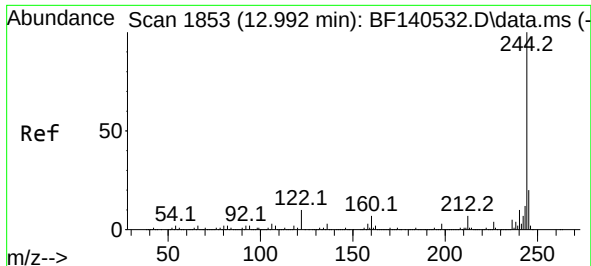
Tgt Ion:184 Resp: 324056
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 11.1 8.8 13.2



#78
Pyrene
Concen: 43.026 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:202 Resp: 1071531
Ion Ratio Lower Upper
202 100
200 20.3 16.5 24.7
203 17.9 14.2 21.4

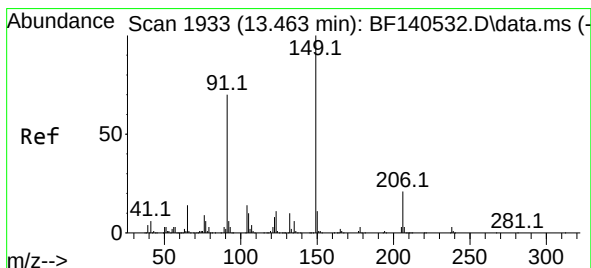
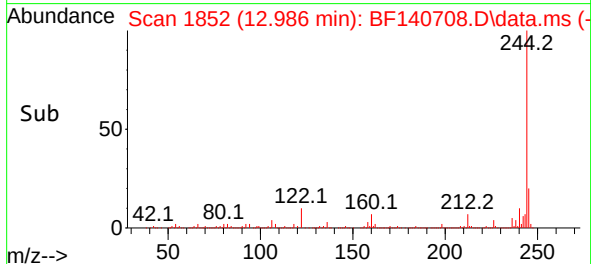
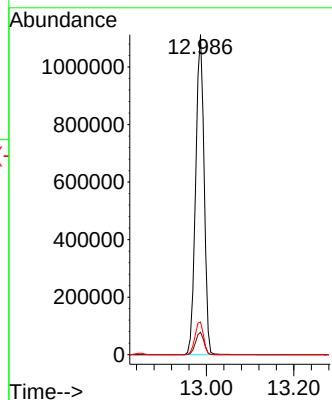
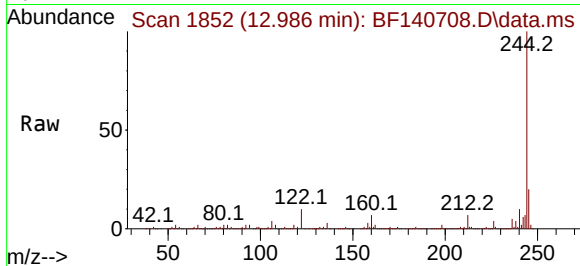




#79
 Terphenyl-d14
 Concen: 86.178 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140708.D
 Acq: 03 Dec 2024 14:06

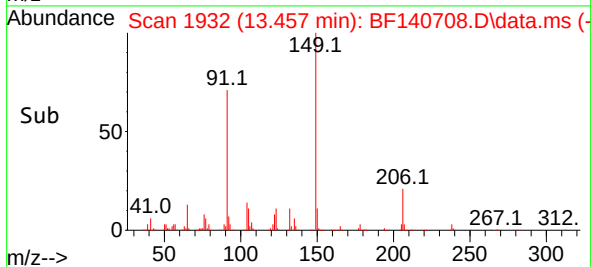
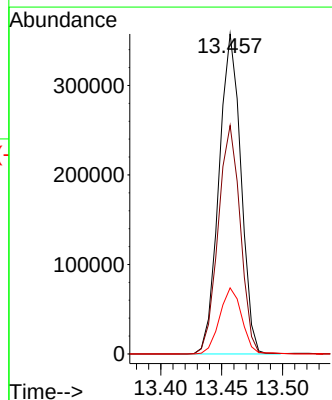
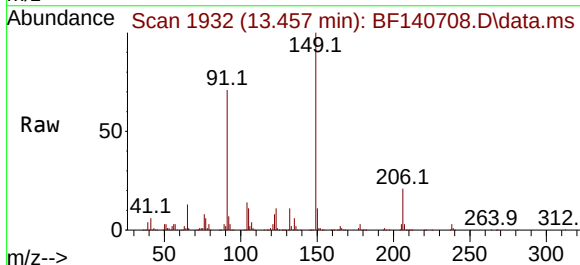
Instrument :
 BNA_F
 ClientSampleId :
 PB165339BS

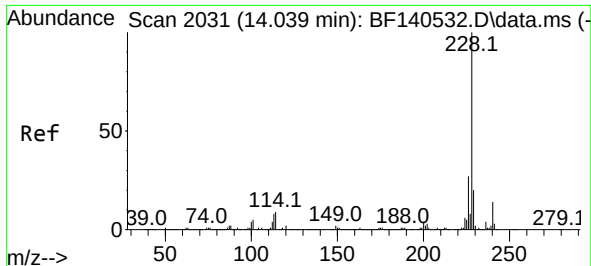
Tgt Ion:244 Resp: 1490655
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.2 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 50.087 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140708.D
 Acq: 03 Dec 2024 14:06

Tgt Ion:149 Resp: 449351
 Ion Ratio Lower Upper
 149 100
 91 71.4 56.2 84.2
 206 20.6 16.4 24.6

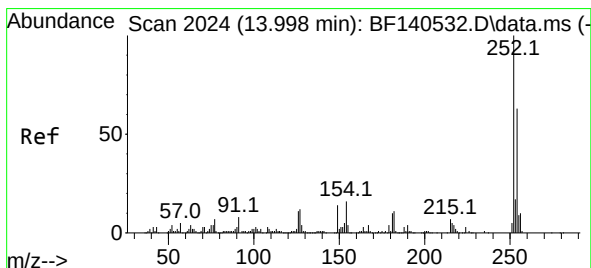
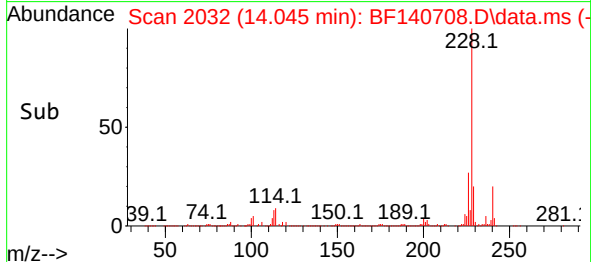
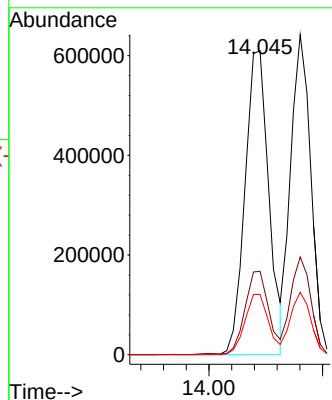
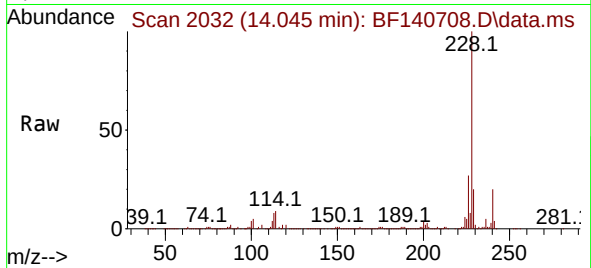




#81
Benzo(a)anthracene
Concen: 49.874 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

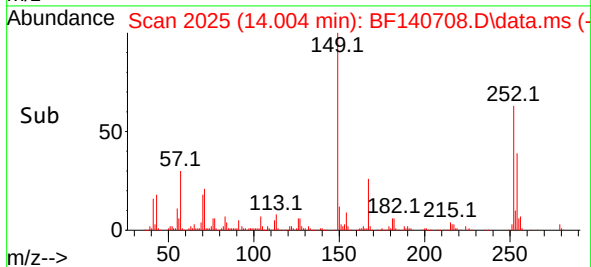
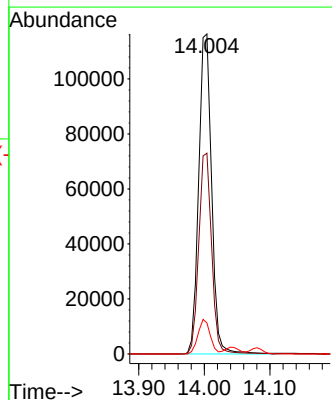
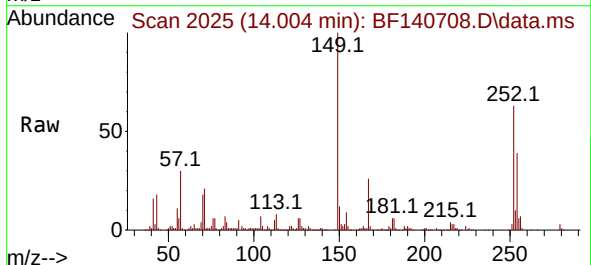
Instrument :
BNA_F
ClientSampleId :
PB165339BS

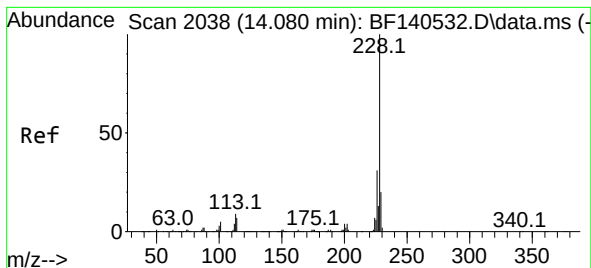
Tgt Ion:228 Resp: 889220
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 29.835 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140708.D
Acq: 03 Dec 2024 14:06

Tgt Ion:252 Resp: 159709
Ion Ratio Lower Upper
252 100
254 62.8 50.8 76.2
126 9.7 8.6 13.0





#83

Chrysene

Concen: 48.815 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165339BS

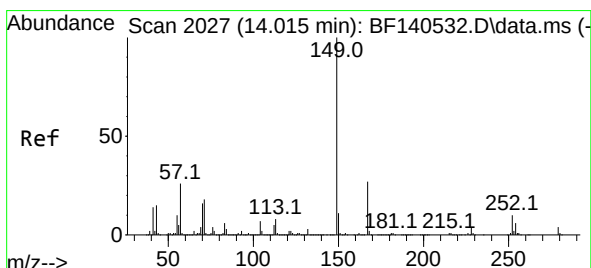
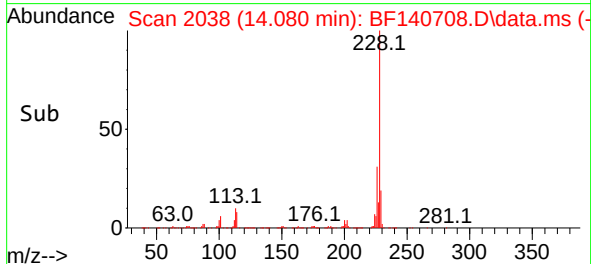
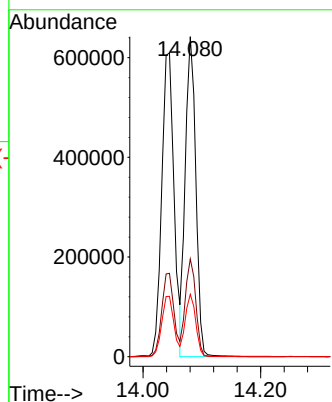
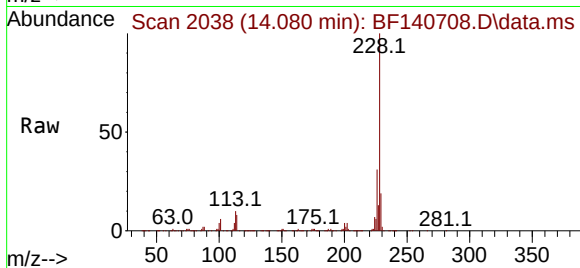
Tgt Ion:228 Resp: 795825

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.652 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

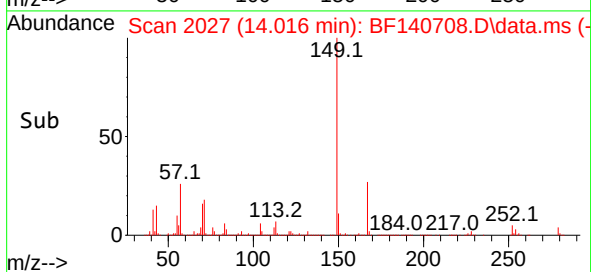
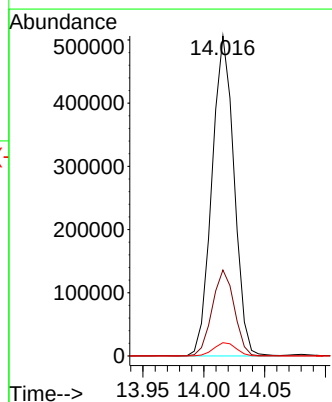
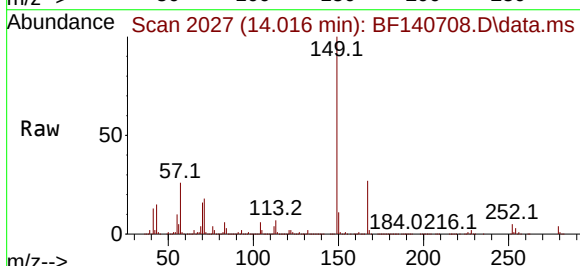
Tgt Ion:149 Resp: 641770

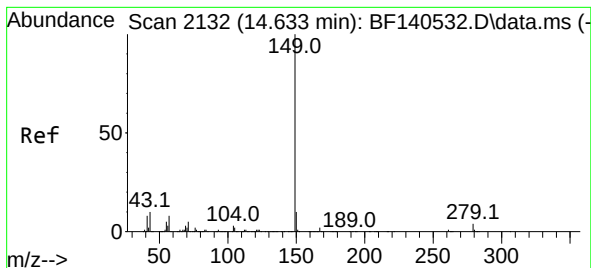
Ion Ratio Lower Upper

149 100

167 26.8 21.2 31.8

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 65.503 ng

RT: 14.645 min Scan# 2134

Delta R.T. 0.012 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165339BS

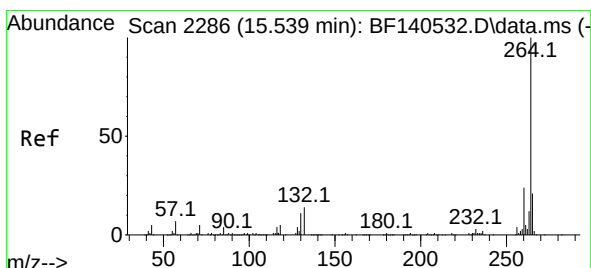
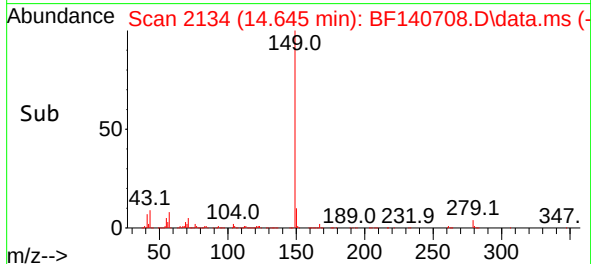
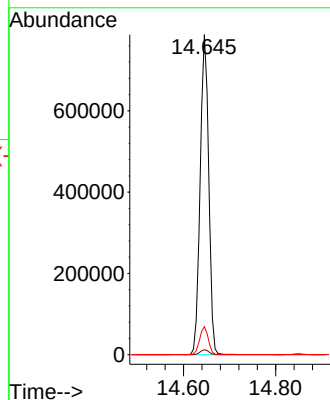
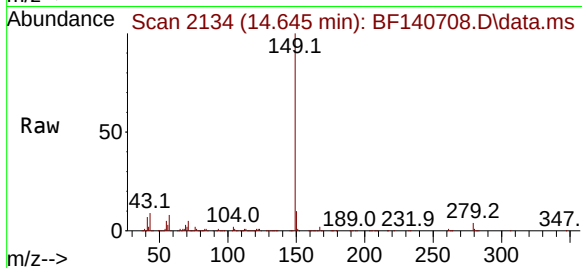
Tgt Ion:149 Resp: 1014084

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.7 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2289

Delta R.T. 0.018 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

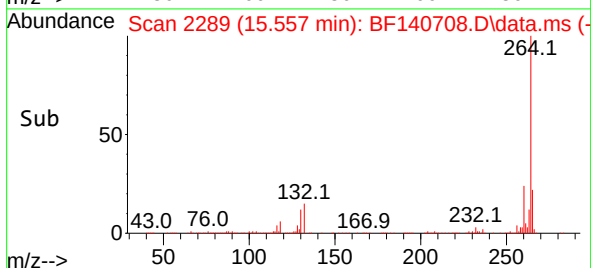
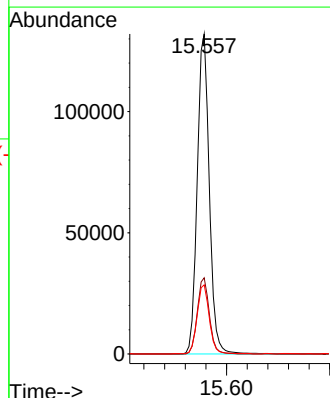
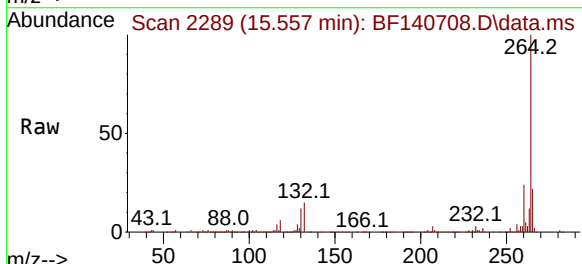
Tgt Ion:264 Resp: 213445

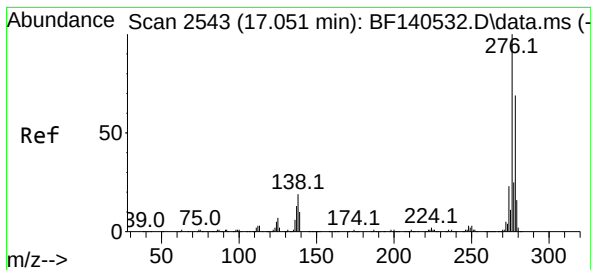
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.518 ng

RT: 17.080 min Scan# 2114

Delta R.T. 0.030 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165339BS

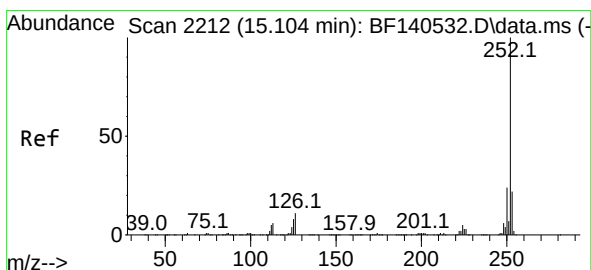
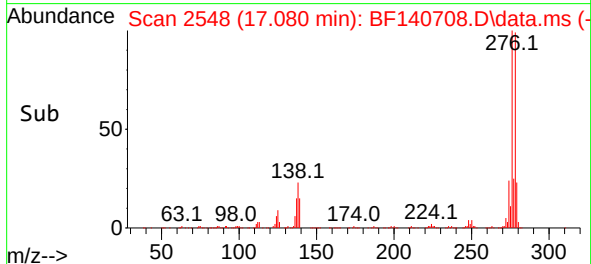
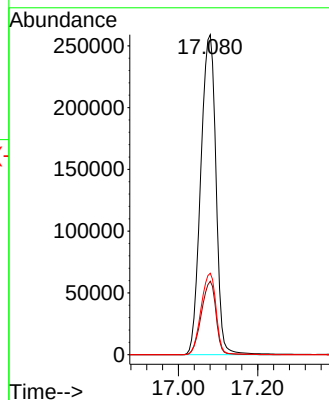
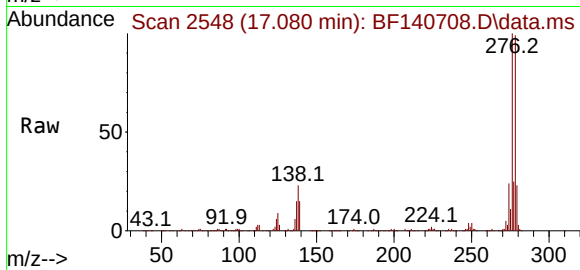
Tgt Ion:276 Resp: 688790

Ion Ratio Lower Upper

276 100

138 22.0 15.5 23.3

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 51.244 ng

RT: 15.116 min Scan# 2214

Delta R.T. 0.012 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

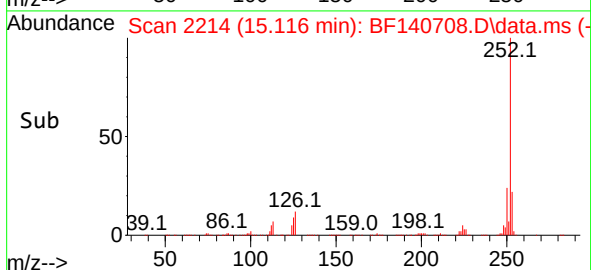
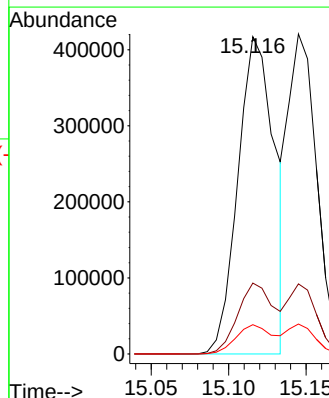
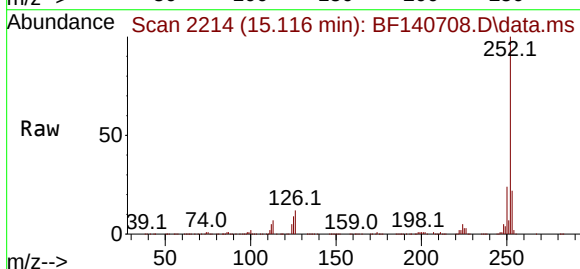
Tgt Ion:252 Resp: 687018

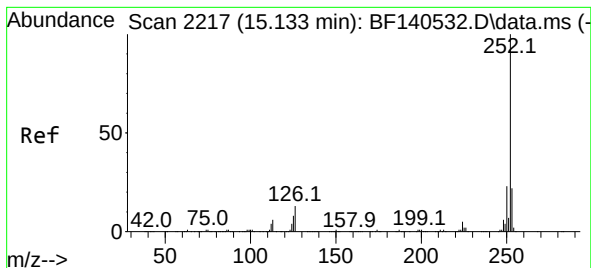
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 9.2 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 46.336 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165339BS

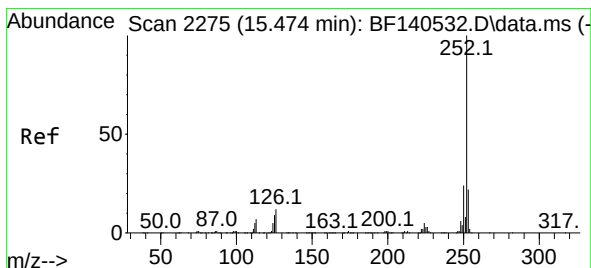
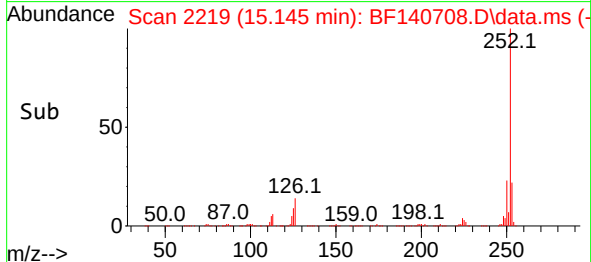
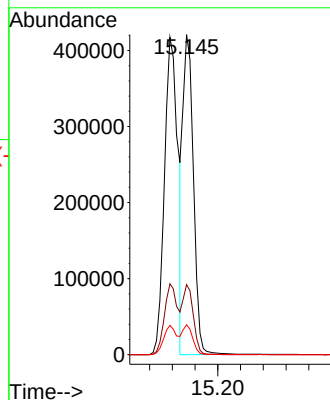
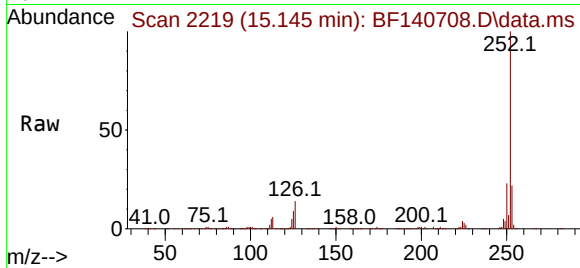
Tgt Ion:252 Resp: 543623

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.3 6.5 9.7



#90

Benzo(a)pyrene

Concen: 49.819 ng

RT: 15.492 min Scan# 2278

Delta R.T. 0.018 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

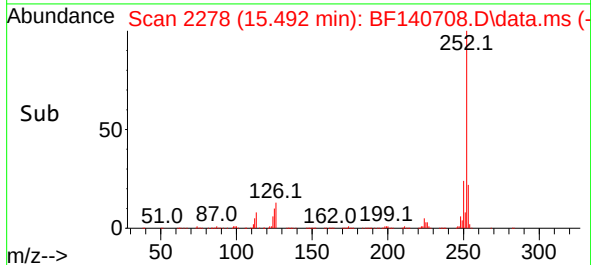
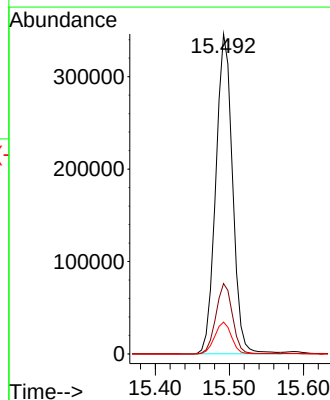
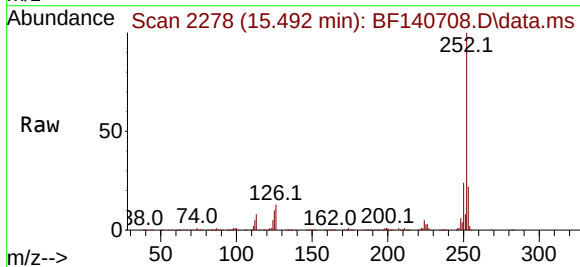
Tgt Ion:252 Resp: 543066

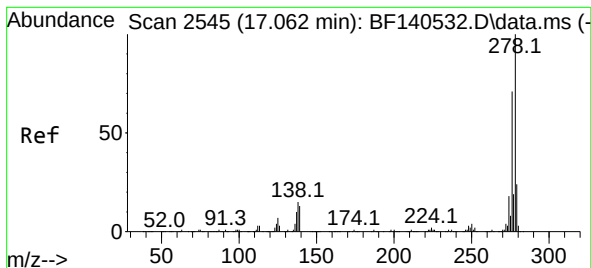
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.0 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 49.263 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165339BS

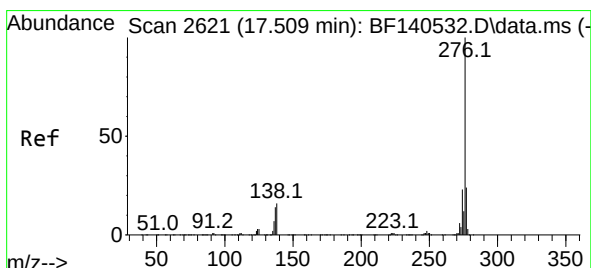
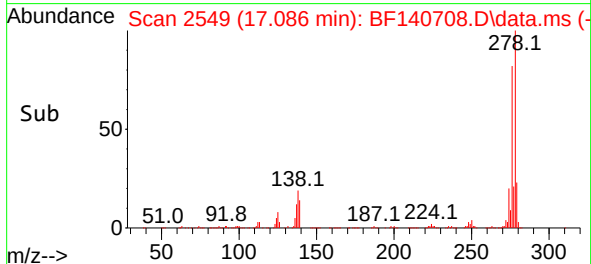
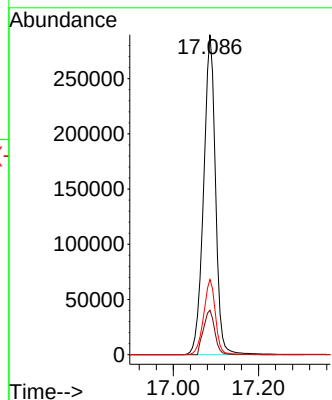
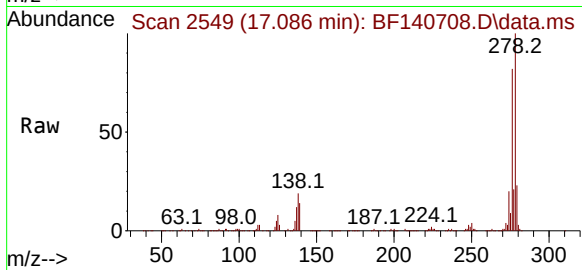
Tgt Ion:278 Resp: 561188

Ion Ratio Lower Upper

278 100

139 13.9 10.2 15.4

279 23.5 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 47.145 ng

RT: 17.533 min Scan# 2625

Delta R.T. 0.024 min

Lab File: BF140708.D

Acq: 03 Dec 2024 14:06

Tgt Ion:276 Resp: 548043

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 19.3 13.2 19.8

