

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140659.D
 Acq On : 27 Nov 2024 10:30
 Operator : RC/JU
 Sample : PB165144BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165144BS

Quant Time: Nov 27 11:15:37 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	82046	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	308441	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	177190	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	338038	20.000	ng	0.00
76) Chrysene-d12	14.051	240	213188	20.000	ng	0.00
86) Perylene-d12	15.545	264	167110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	660162	137.286	ng	0.01
7) Phenol-d6	6.516	99	860079	135.293	ng	0.00
23) Nitrobenzene-d5	7.434	82	560054	92.876	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	265293	139.992	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1089947	91.651	ng	0.00
79) Terphenyl-d14	12.986	244	1256199	91.753	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	86757	42.911	ng	97
3) Pyridine	3.493	79	220472	49.562	ng	99
4) n-Nitrosodimethylamine	3.446	42	121230	46.369	ng	93
6) Aniline	6.534	93	222514	49.729	ng	# 85
8) 2-Chlorophenol	6.663	128	257589	49.791	ng	95
9) Benzaldehyde	6.422	77	19047	5.660	ng	98
10) Phenol	6.528	94	326867	50.347	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	238808	48.069	ng	99
12) 1,3-Dichlorobenzene	6.810	146	273009	46.965	ng	98
13) 1,4-Dichlorobenzene	6.887	146	274088	46.566	ng	100
14) 1,2-Dichlorobenzene	7.040	146	263879	47.844	ng	100
15) Benzyl Alcohol	7.016	79	237674	50.414	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	295074	50.275	ng	90
17) 2-Methylphenol	7.128	107	206253	49.804	ng	97
18) Hexachloroethane	7.381	117	102854	46.787	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	179461	47.766	ng	99
20) 3+4-Methylphenols	7.281	107	261956	49.213	ng	96
22) Acetophenone	7.281	105	355523	47.279	ng	99
24) Nitrobenzene	7.457	77	285464	45.804	ng	97
25) Isophorone	7.693	82	494582	49.174	ng	100
26) 2-Nitrophenol	7.769	139	140191	50.759	ng	96
27) 2,4-Dimethylphenol	7.804	122	209117	63.282	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	296167	48.336	ng	99
29) 2,4-Dichlorophenol	8.016	162	218763	49.960	ng	98
30) 1,2,4-Trichlorobenzene	8.093	180	229749	45.954	ng	99
31) Naphthalene	8.175	128	765296	48.170	ng	100
32) Benzoic acid	7.940	122	114650	41.088	ng	100
33) 4-Chloroaniline	8.222	127	133189	28.000	ng	97
34) Hexachlorobutadiene	8.287	225	152393	46.020	ng	99
35) Caprolactam	8.598	113	44771	33.039	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	246154	50.209	ng	98
37) 2-Methylnaphthalene	8.863	142	502787	49.825	ng	99
38) 1-Methylnaphthalene	8.963	142	467838	47.298	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	242624	46.773	ng	99
41) Hexachlorocyclopentadiene	9.016	237	200078	163.248	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	156766	48.162	ng	98

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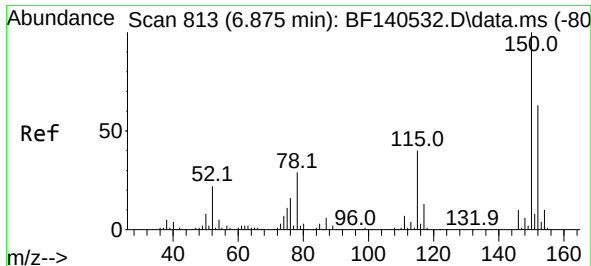
Quant Time: Nov 27 11:15:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	164532	46.576	ng	96
46) 1,1'-Biphenyl	9.328	154	631034	47.700	ng	99
47) 2-Chloronaphthalene	9.357	162	470299	46.917	ng	99
48) 2-Nitroaniline	9.457	65	158673	49.315	ng	96
49) Acenaphthylene	9.769	152	781907	51.626	ng	99
50) Dimethylphthalate	9.628	163	574368	49.219	ng	99
51) 2,6-Dinitrotoluene	9.698	165	125055	47.251	ng	94
52) Acenaphthene	9.945	154	473370	49.189	ng	100
53) 3-Nitroaniline	9.869	138	83776	32.365	ng	96
54) 2,4-Dinitrophenol	9.981	184	120715	87.279	ng	97
55) Dibenzofuran	10.116	168	706974	48.163	ng	99
56) 4-Nitrophenol	10.045	139	168353	95.365	ng	94
57) 2,4-Dinitrotoluene	10.104	165	172553	49.057	ng	97
58) Fluorene	10.457	166	560062	47.534	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	141245	52.026	ng	95
60) Diethylphthalate	10.328	149	565227	47.672	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	277803	48.045	ng	99
62) 4-Nitroaniline	10.486	138	130223	47.967	ng	97
63) Azobenzene	10.610	77	541255	48.205	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	94895	54.935	ng	96
66) n-Nitrosodiphenylamine	10.569	169	487573	48.774	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	165350	47.497	ng	98
68) Hexachlorobenzene	11.010	284	189679	47.055	ng	99
69) Atrazine	11.098	200	161923	57.578	ng	98
70) Pentachlorophenol	11.210	266	172264	97.098	ng	99
71) Phenanthrene	11.428	178	808001	49.726	ng	99
72) Anthracene	11.475	178	823351	51.800	ng	99
73) Carbazole	11.633	167	763113	49.906	ng	100
74) Di-n-butylphthalate	11.951	149	868491	49.197	ng	100
75) Fluoranthene	12.616	202	893626	50.652	ng	99
77) Benzidine	12.739	184	184796	29.814	ng	99
78) Pyrene	12.845	202	920263	46.686	ng	100
80) Butylbenzylphthalate	13.457	149	344945	48.577	ng	98
81) Benzo(a)anthracene	14.039	228	712365	50.479	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	139928	33.025	ng	98
83) Chrysene	14.075	228	656248	50.856	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	455416	50.791	ng	100
85) Di-n-octyl phthalate	14.639	149	659465	53.817	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	548733	50.387	ng	99
88) Benzo(b)fluoranthene	15.110	252	535206	50.989	ng	99
89) Benzo(k)fluoranthene	15.139	252	484597	52.758	ng	100
90) Benzo(a)pyrene	15.480	252	467848	54.819	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	450067	50.463	ng	100
92) Benzo(g,h,i)perylene	17.510	276	423327	46.514	ng	98

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

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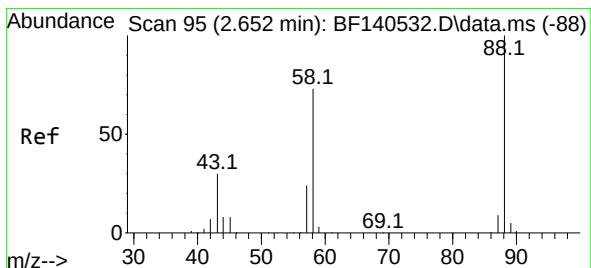
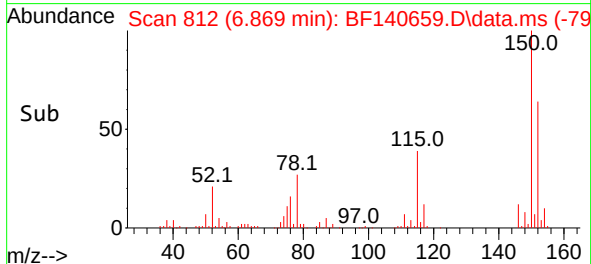
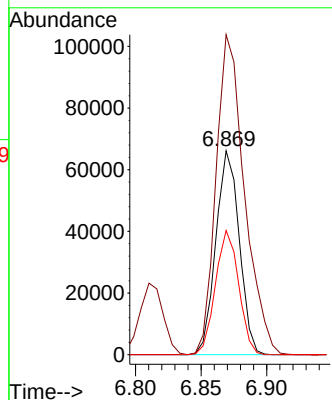
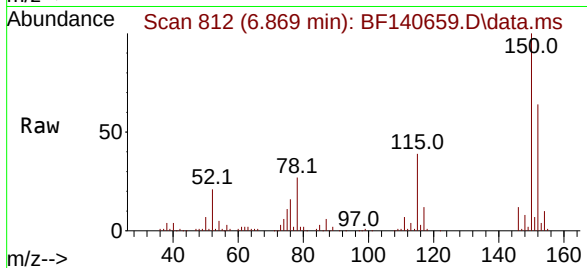




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140659.D
 Acq: 27 Nov 2024 10:30

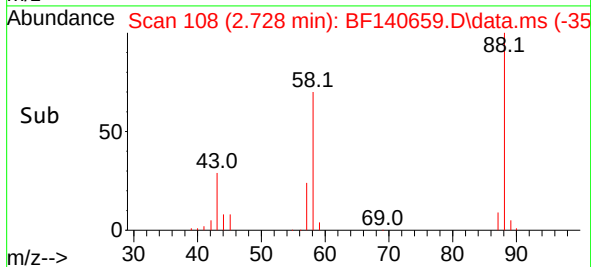
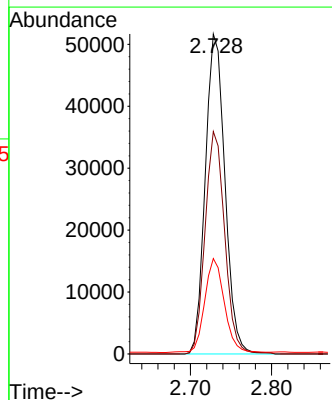
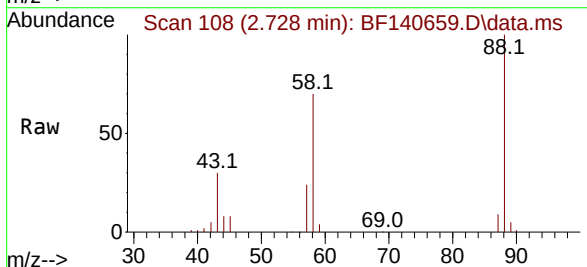
Instrument :
 BNA_F
 ClientSampleId :
 PB165144BS

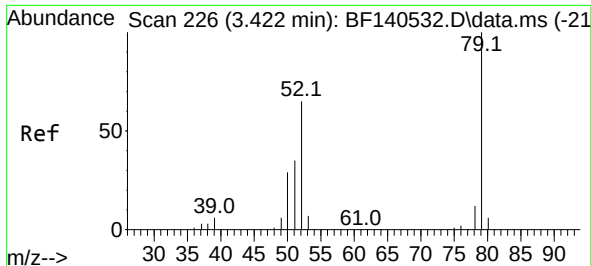
Tgt Ion:152 Resp: 82046
 Ion Ratio Lower Upper
 152 100
 150 156.9 128.5 192.7
 115 60.9 50.2 75.4



#2
 1,4-Dioxane
 Concen: 42.911 ng
 RT: 2.728 min Scan# 108
 Delta R.T. 0.077 min
 Lab File: BF140659.D
 Acq: 27 Nov 2024 10:30

Tgt Ion: 88 Resp: 86757
 Ion Ratio Lower Upper
 88 100
 58 69.4 57.4 86.2
 43 29.3 24.3 36.5





#3

Pyridine

Concen: 49.562 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

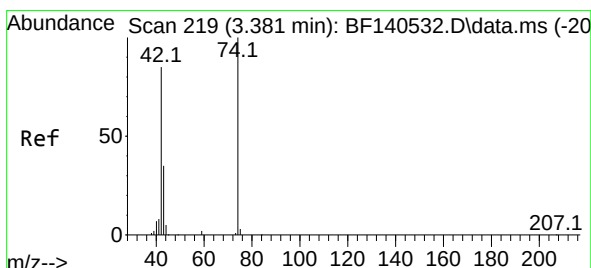
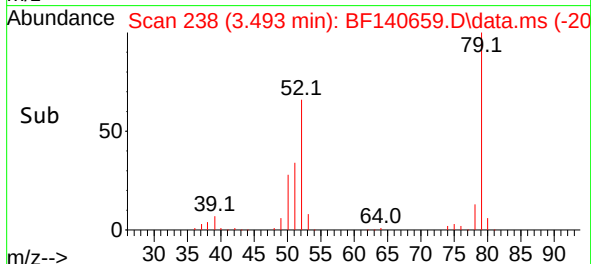
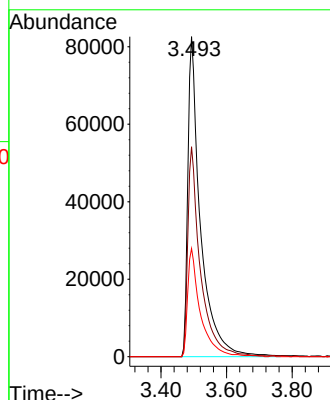
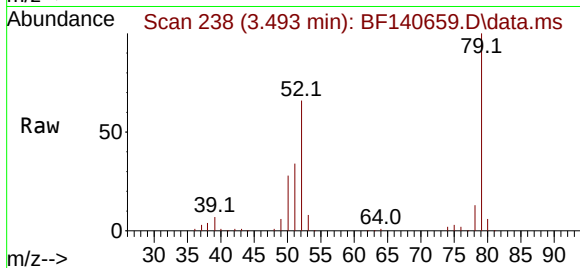
Tgt Ion: 79 Resp: 220472

Ion Ratio Lower Upper

79 100

52 65.6 52.1 78.1

51 33.8 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 46.369 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.065 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

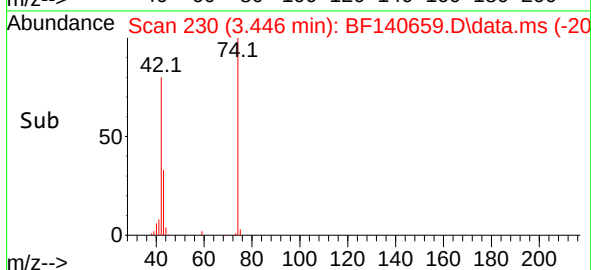
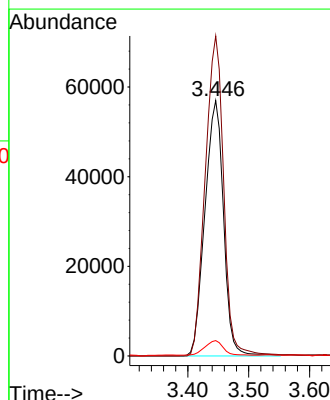
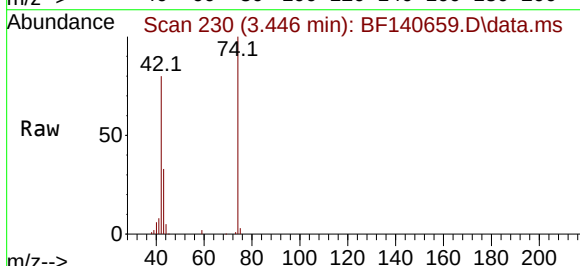
Tgt Ion: 42 Resp: 121230

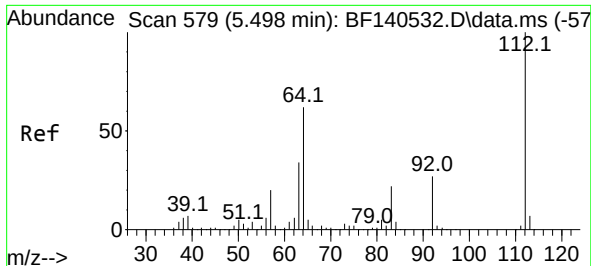
Ion Ratio Lower Upper

42 100

74 125.3 93.8 140.6

44 6.0 4.6 6.8

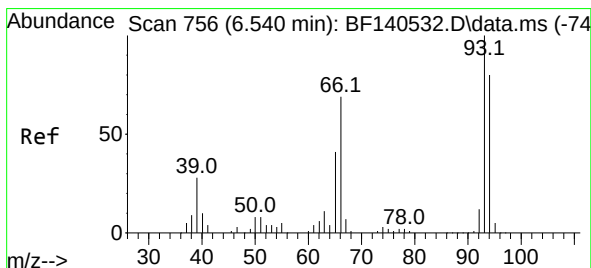
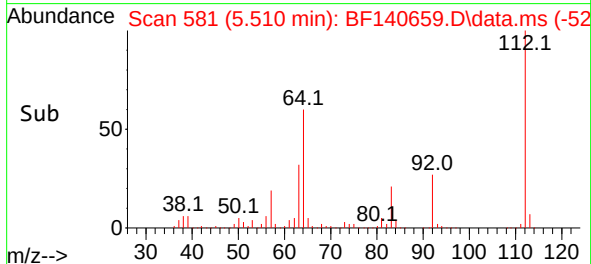
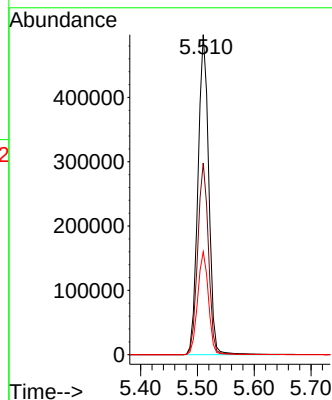
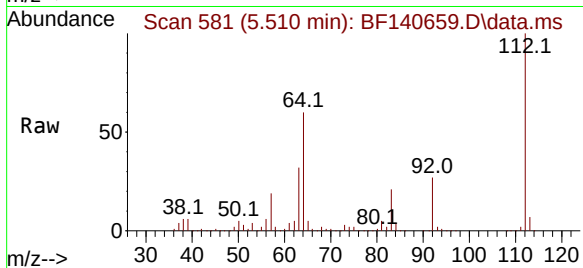




#5
2-Fluorophenol
Concen: 137.286 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

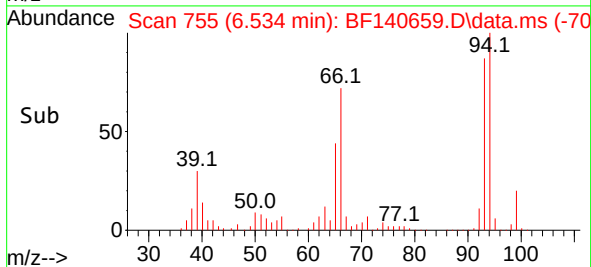
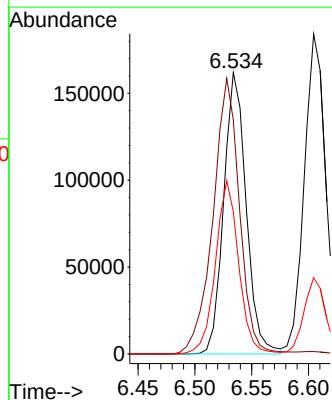
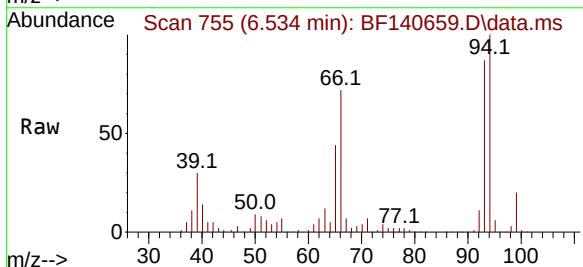
Instrument :
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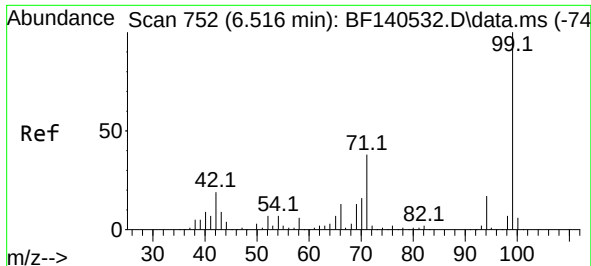
Tgt Ion:112 Resp: 660162
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 32.2 27.0 40.4



#6
Aniline
Concen: 49.729 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion: 93 Resp: 222514
Ion Ratio Lower Upper
93 100
66 83.2 56.5 84.7
65 50.6 32.9 49.3#

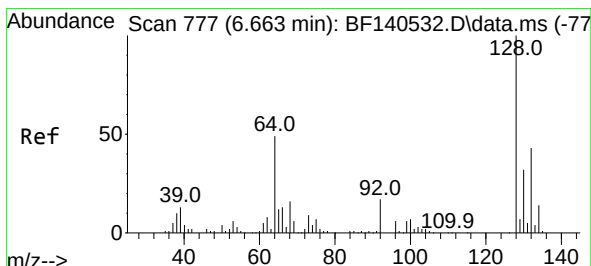
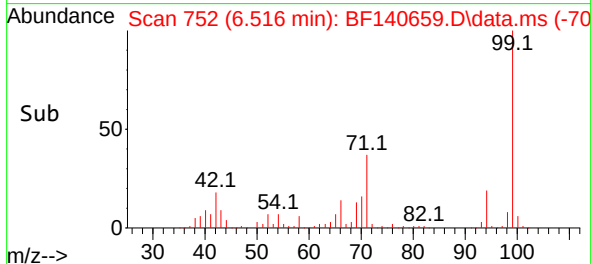
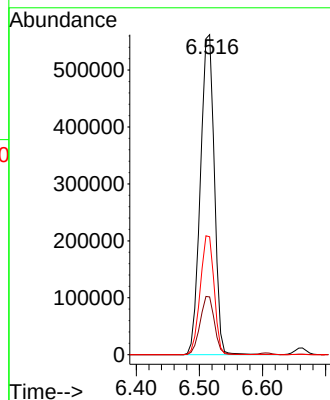
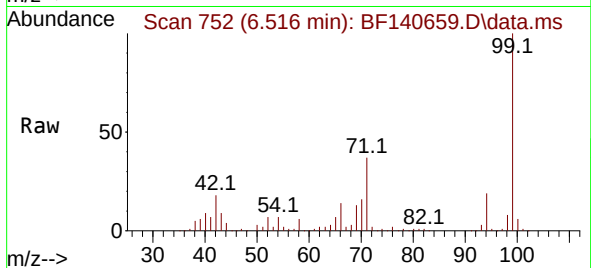




#7
Phenol-d6
Concen: 135.293 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

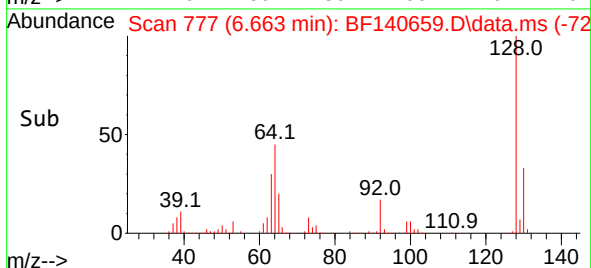
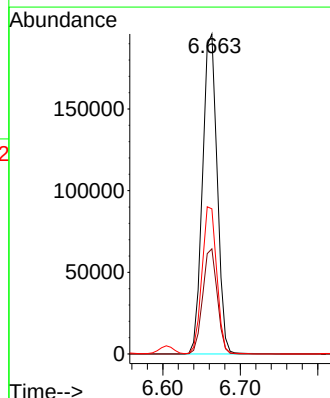
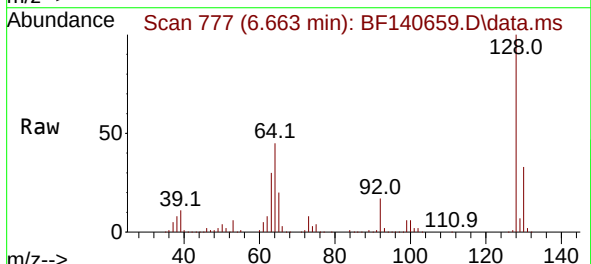
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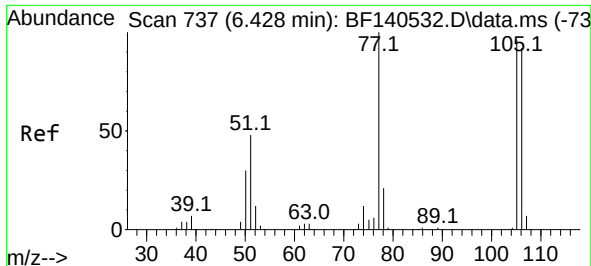
Tgt Ion: 99 Resp: 860079
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.9 30.6 46.0



#8
2-Chlorophenol
Concen: 49.791 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:128 Resp: 257589
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 45.3 30.2 70.2





#9

Benzaldehyde

Concen: 5.660 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

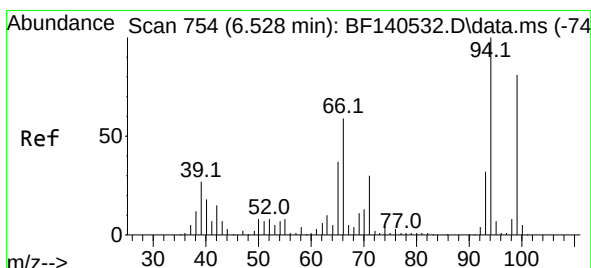
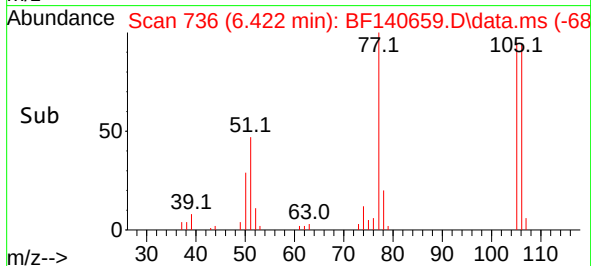
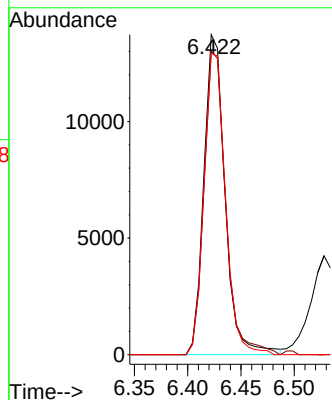
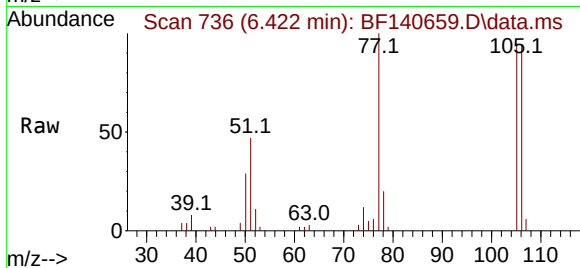
Tgt Ion: 77 Resp: 19047

Ion Ratio Lower Upper

77 100

105 94.8 75.6 115.6

106 94.3 72.0 112.0



#10

Phenol

Concen: 50.347 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

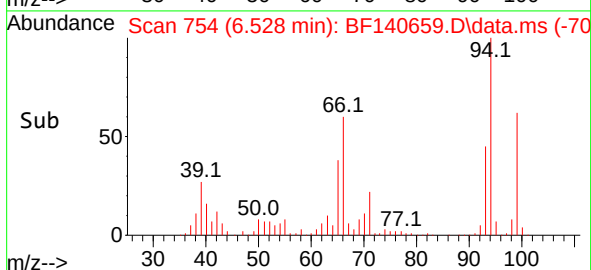
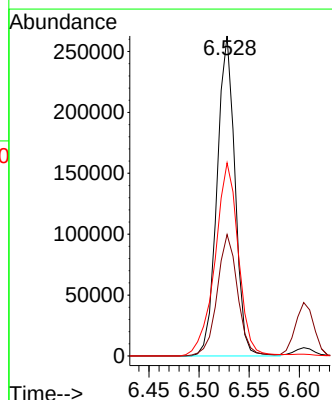
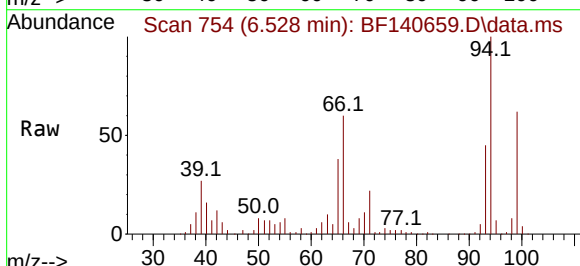
Tgt Ion: 94 Resp: 326867

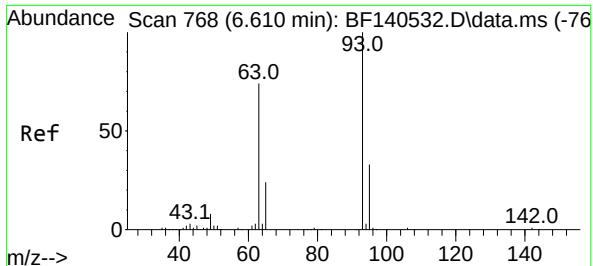
Ion Ratio Lower Upper

94 100

65 37.9 17.2 57.2

66 60.4 39.2 79.2

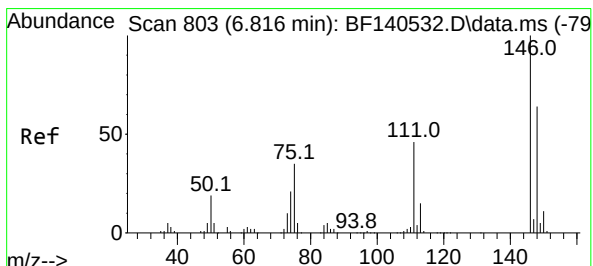
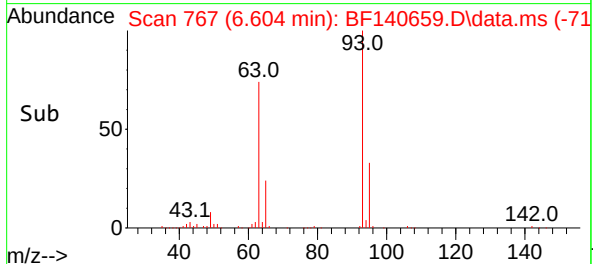
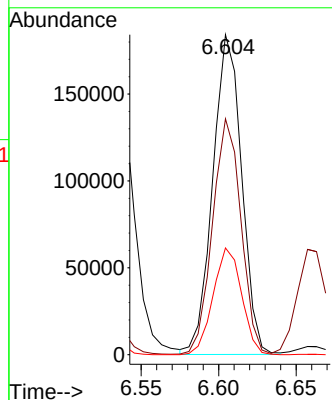
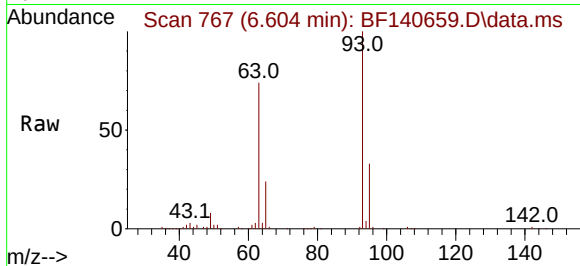




#11
bis(2-Chloroethyl)ether
Concen: 48.069 ng
RT: 6.604 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

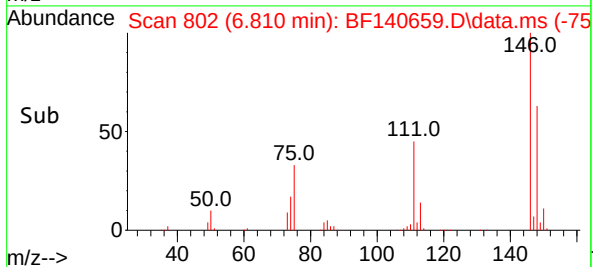
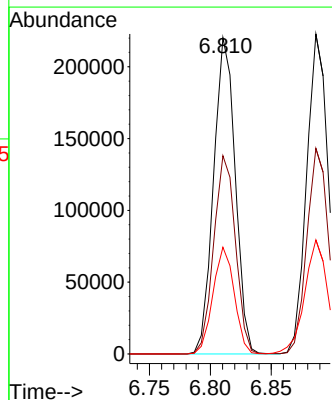
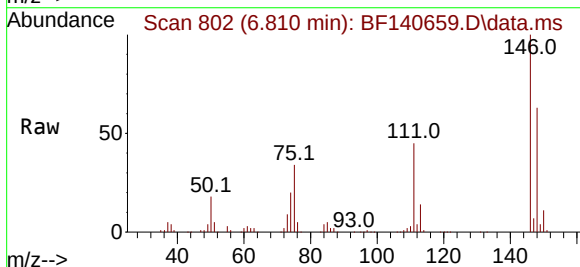
Instrument :
BNA_F
ClientSampleId :
PB165144BS

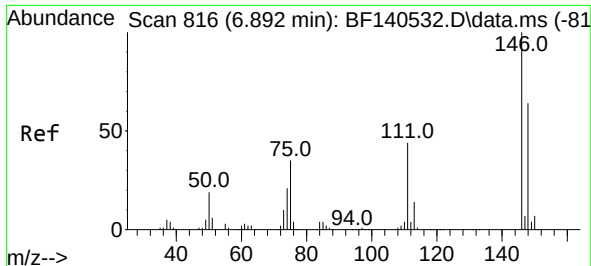
Tgt Ion: 93 Resp: 238808
Ion Ratio Lower Upper
93 100
63 73.7 52.8 92.8
95 33.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 46.965 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:146 Resp: 273009
Ion Ratio Lower Upper
146 100
148 62.7 51.3 76.9
75 33.7 28.2 42.2

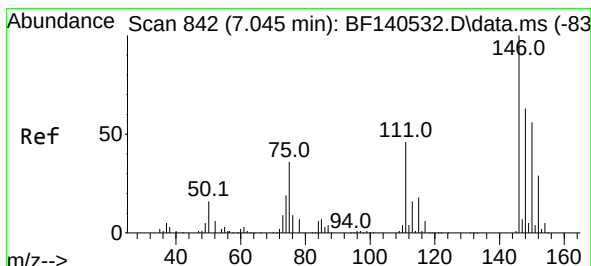
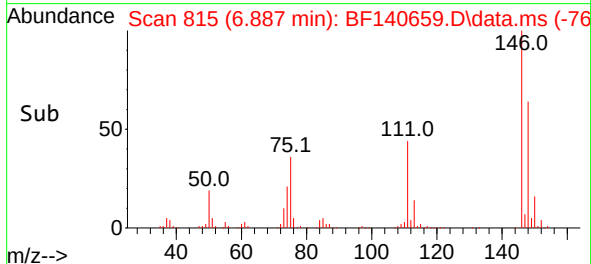
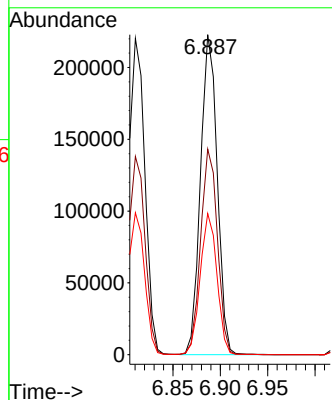
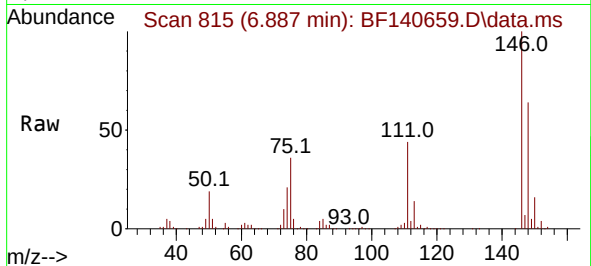




#13
1,4-Dichlorobenzene
Concen: 46.566 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

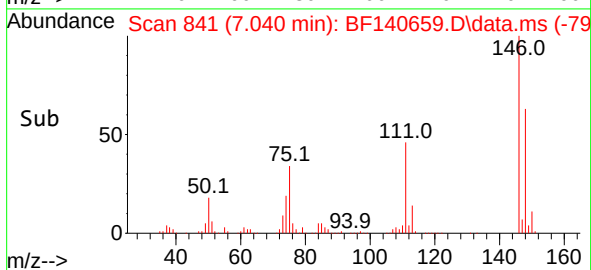
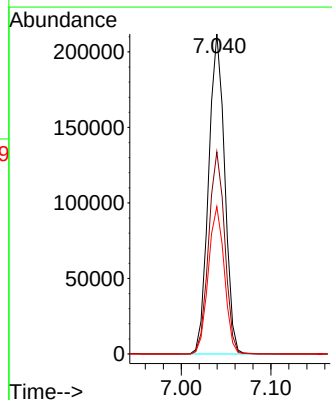
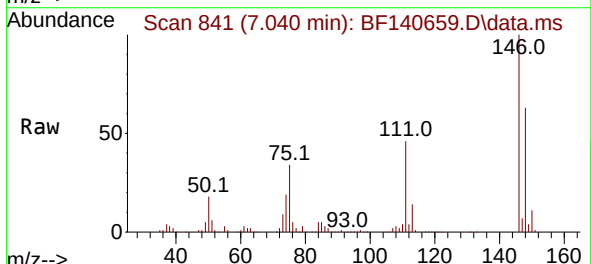
Instrument :
BNA_F
ClientSampleId :
PB165144BS

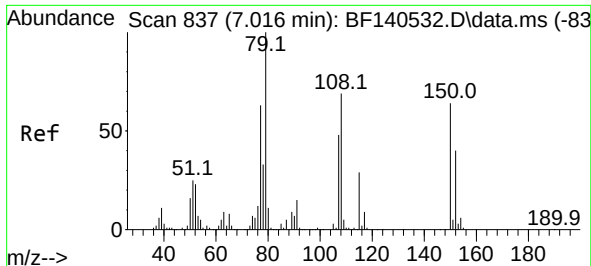
Tgt Ion:146 Resp: 274088
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 44.1 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 47.844 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:146 Resp: 263879
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
111 46.1 36.7 55.1

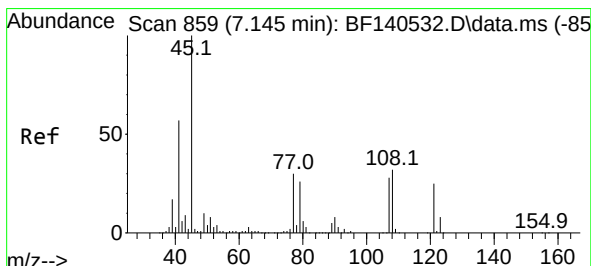
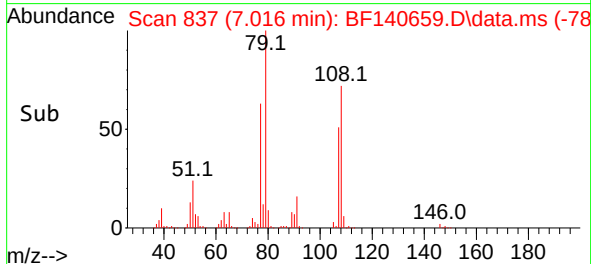
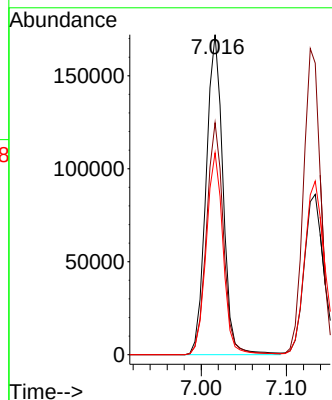
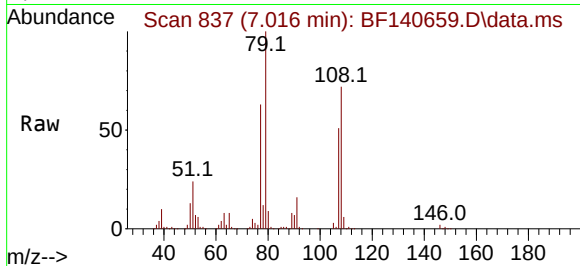




#15
Benzyl Alcohol
Concen: 50.414 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

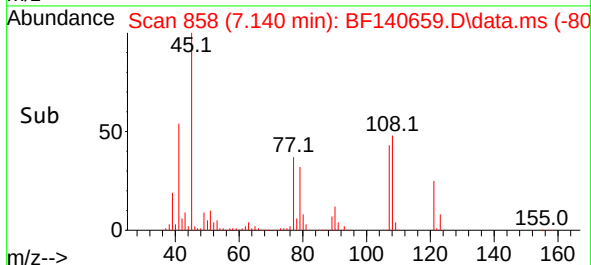
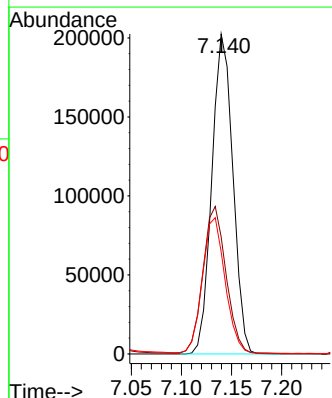
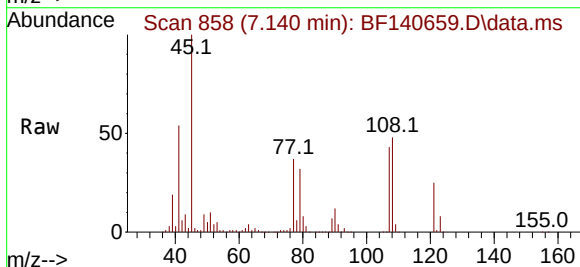
Instrument :
BNA_F
ClientSampleId :
PB165144BS

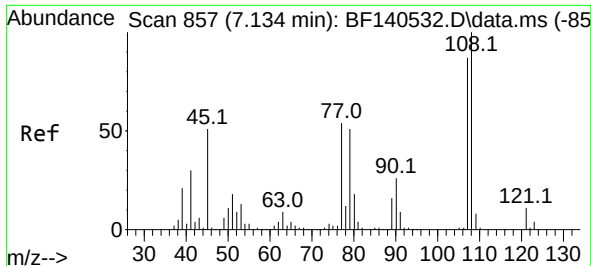
Tgt Ion: 79 Resp: 237674
Ion Ratio Lower Upper
79 100
108 72.5 55.0 82.6
77 63.1 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.275 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion: 45 Resp: 295074
Ion Ratio Lower Upper
45 100
77 36.6 10.7 50.7
79 31.9 7.0 47.0

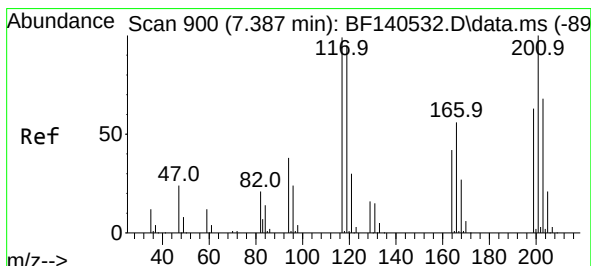
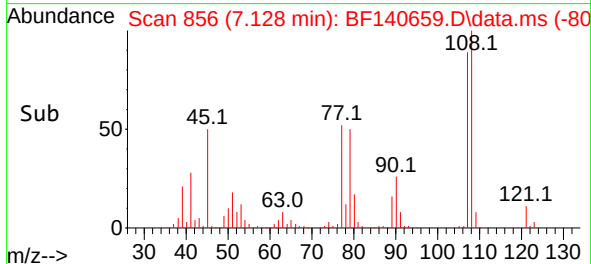
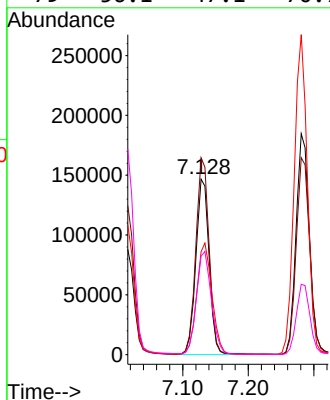
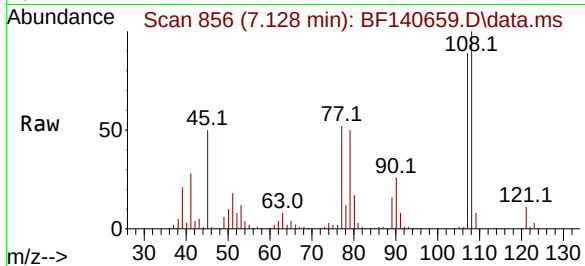




#17
2-Methylphenol
Concen: 49.804 ng
RT: 7.128 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

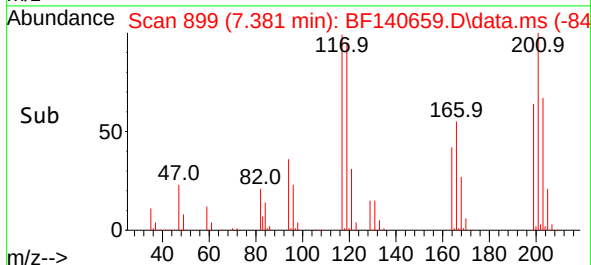
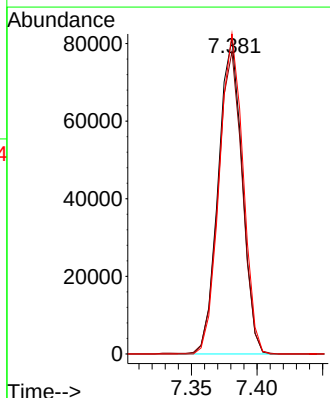
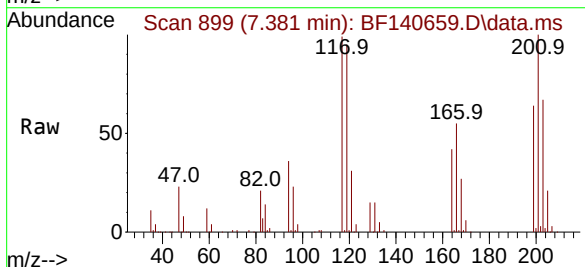
Instrument :
BNA_F
ClientSampleId :
PB165144BS

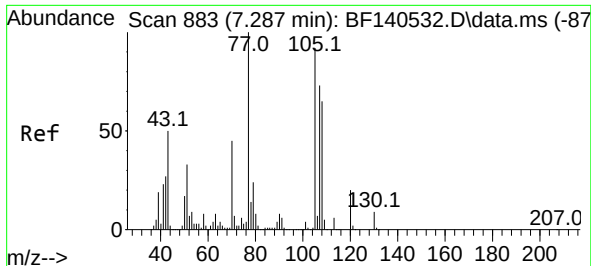
Tgt Ion:	107	Resp:	206253
Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.7	137.5
77	58.6	49.3	73.9
79	56.1	47.1	70.7



#18
Hexachloroethane
Concen: 46.787 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:	117	Resp:	102854
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.1	115.7
201	101.4	81.1	121.7



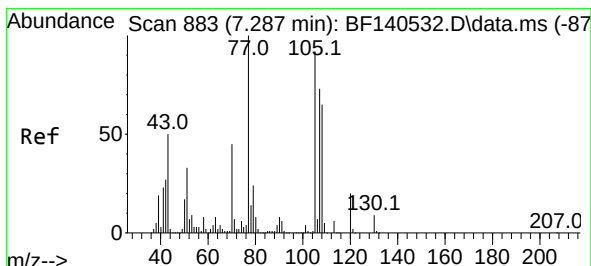
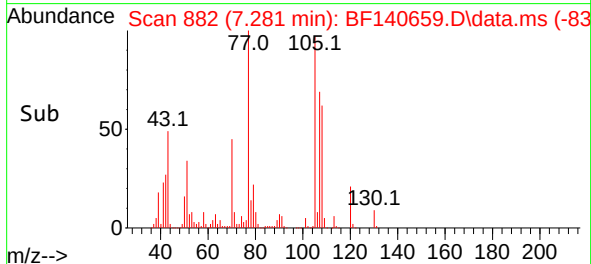
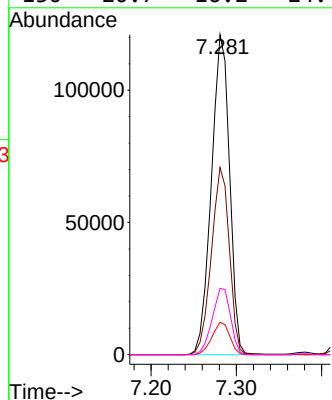
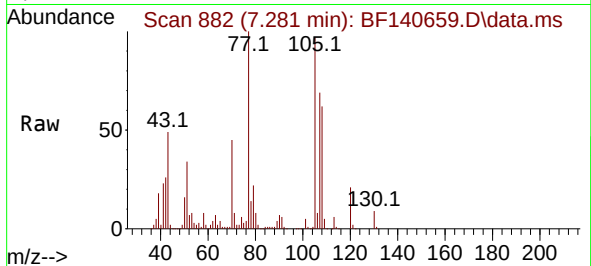


#19
n-Nitroso-di-n-propylamine
Concen: 47.766 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :
BNA_F
ClientSampleId :
PB165144BS

Tgt Ion: 70 Resp: 179461

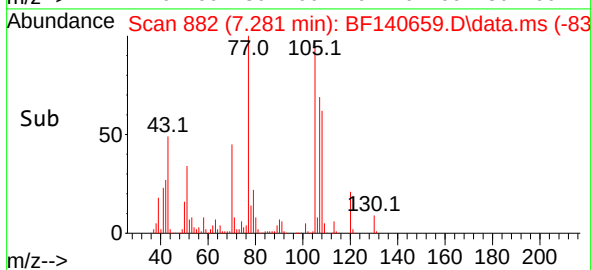
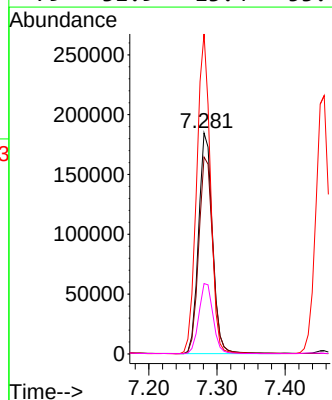
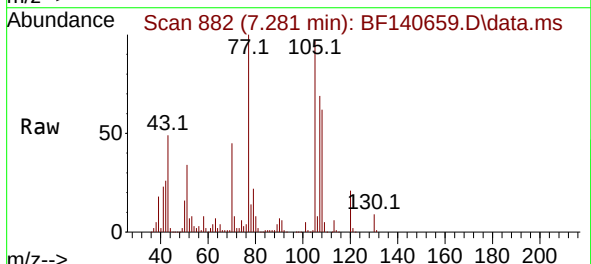
Ion	Ratio	Lower	Upper
70	100		
42	58.5	47.6	71.4
101	10.1	7.6	11.4
130	20.7	16.2	24.4

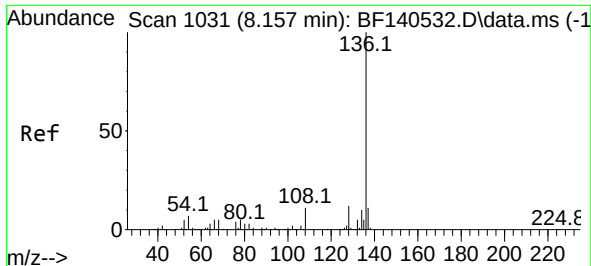


#20
3+4-Methylphenols
Concen: 49.213 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion: 107 Resp: 261956

Ion	Ratio	Lower	Upper
107	100		
108	89.2	69.9	109.9
77	144.9	117.7	157.7
79	31.9	13.4	53.4

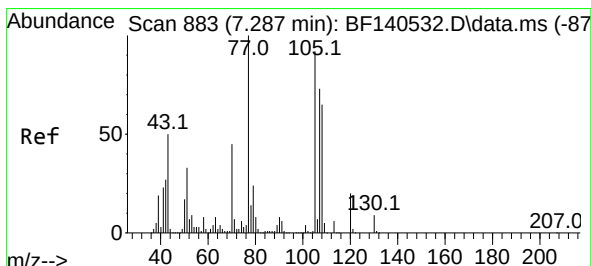
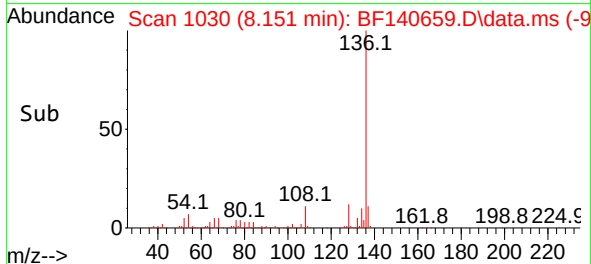
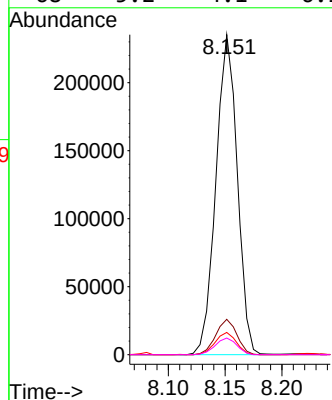
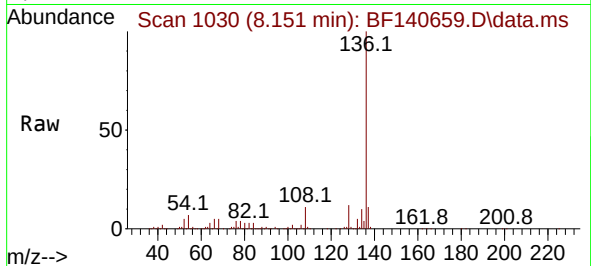




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

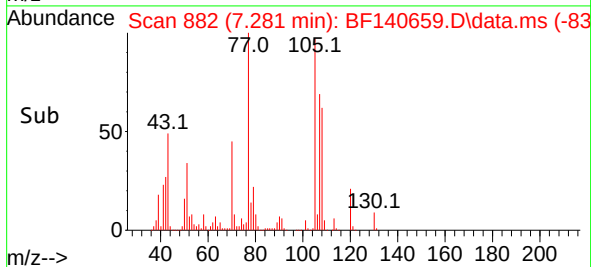
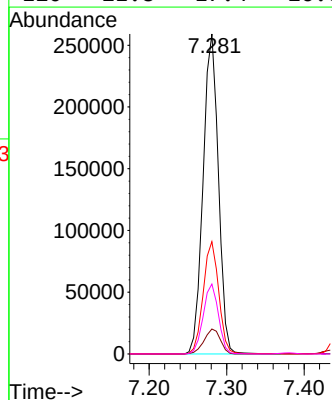
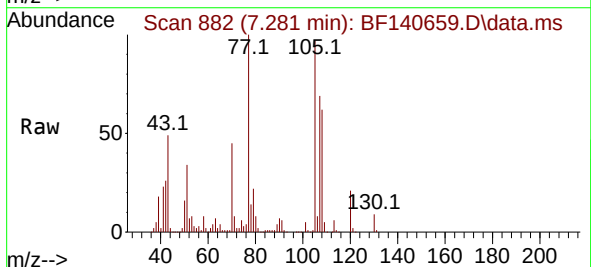
Instrument :
BNA_F
ClientSampleId :
PB165144BS

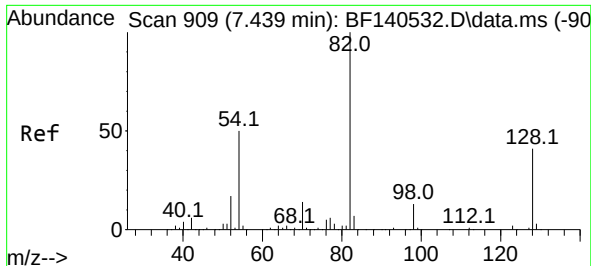
Tgt Ion:136 Resp: 308441
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.0 5.8 8.8
68 5.2 4.1 6.1



#22
Acetophenone
Concen: 47.279 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:105 Resp: 355523
Ion Ratio Lower Upper
105 100
71 7.8 6.2 9.2
51 35.1 29.0 43.6
120 21.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 92.876 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

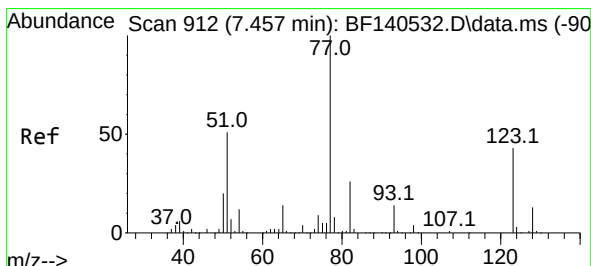
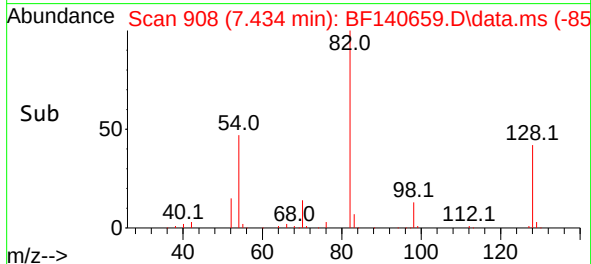
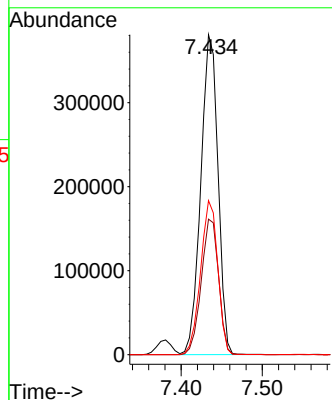
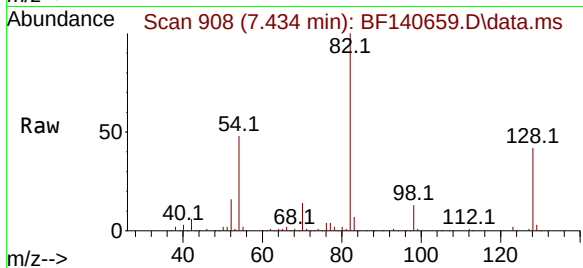
BNA_F

ClientSampleId :

PB165144BS

Tgt Ion: 82 Resp: 560054

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.0	49.4
54	48.1	39.5	59.3



#24

Nitrobenzene

Concen: 45.804 ng

RT: 7.457 min Scan# 912

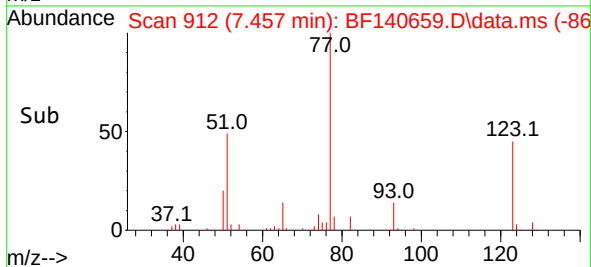
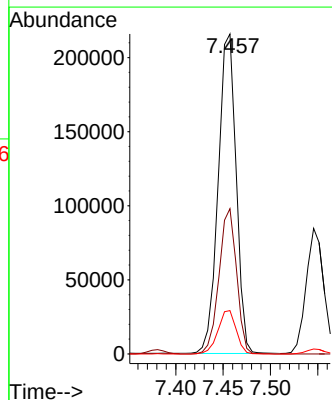
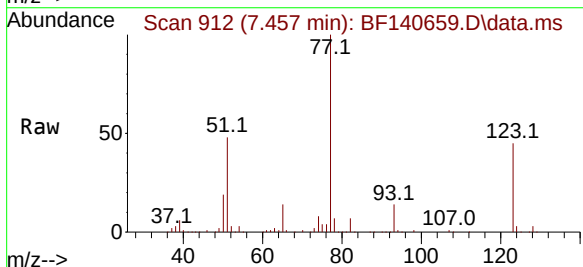
Delta R.T. 0.000 min

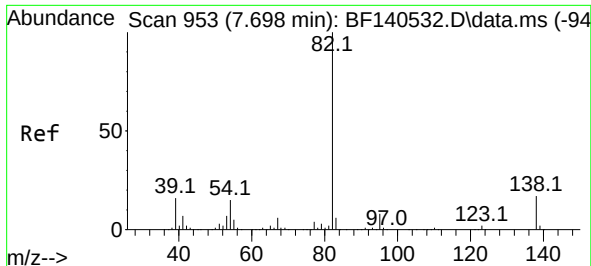
Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Tgt Ion: 77 Resp: 285464

Ion	Ratio	Lower	Upper
77	100		
123	45.4	34.3	51.5
65	13.5	11.2	16.8

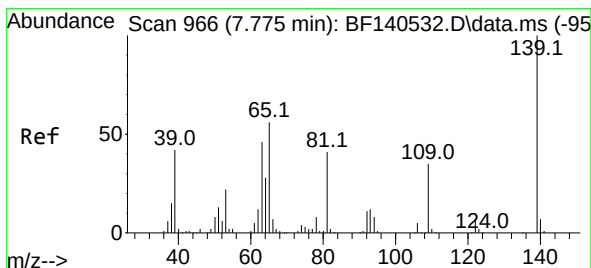
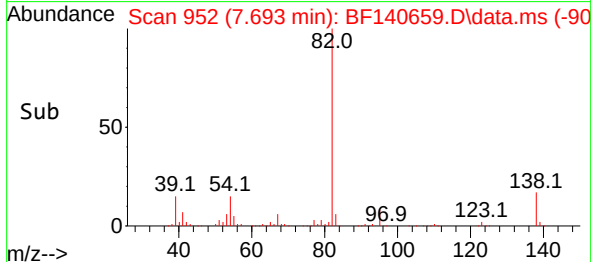
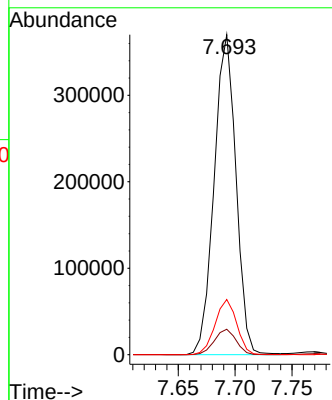
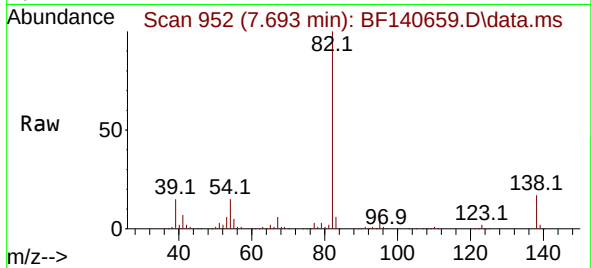




#25
Isophorone
Concen: 49.174 ng
RT: 7.693 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

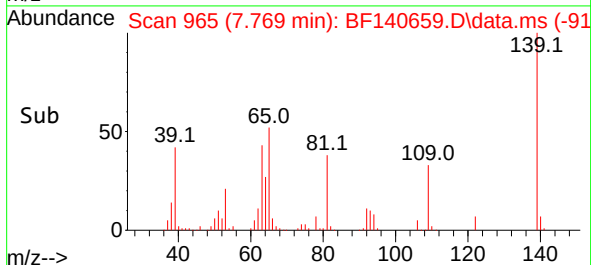
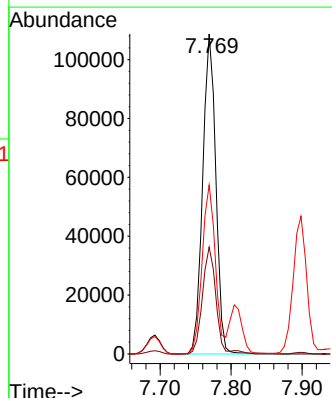
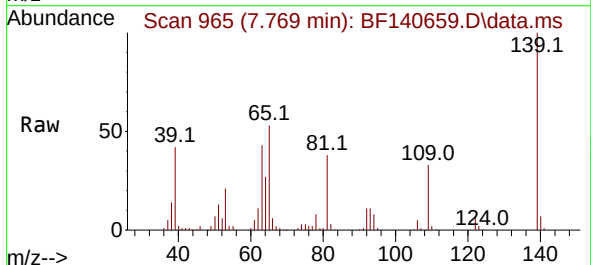
Instrument :
BNA_F
ClientSampleId :
PB165144BS

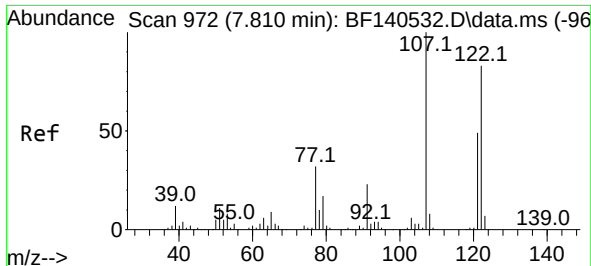
Tgt Ion: 82 Resp: 494582
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.3 13.8 20.6



#26
2-Nitrophenol
Concen: 50.759 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:139 Resp: 140191
Ion Ratio Lower Upper
139 100
109 33.4 28.0 42.0
65 52.8 44.6 67.0

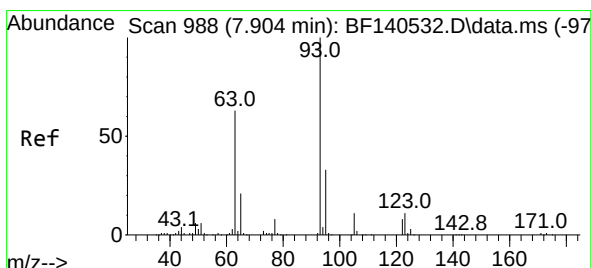
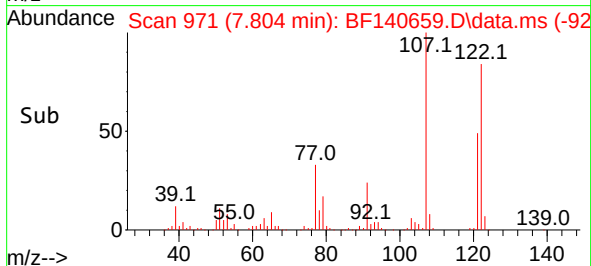
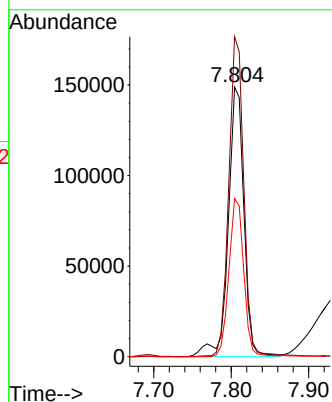
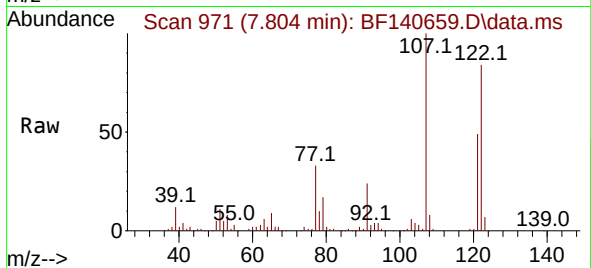




#27
2,4-Dimethylphenol
Concen: 63.282 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

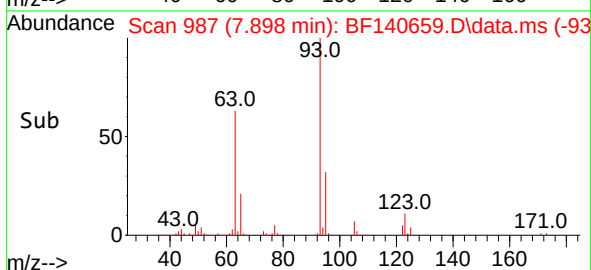
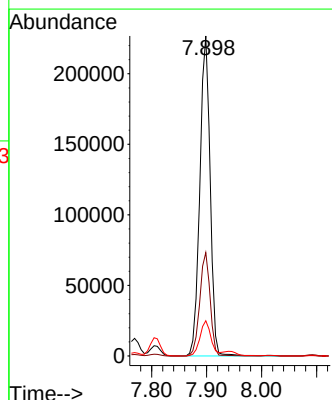
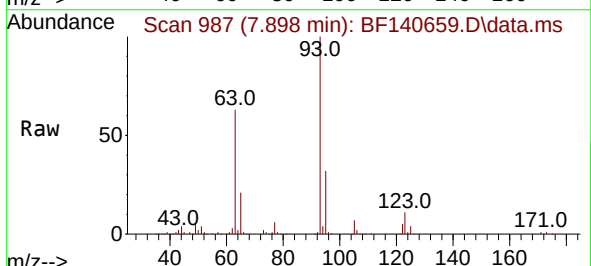
Instrument :
BNA_F
ClientSampleId :
PB165144BS

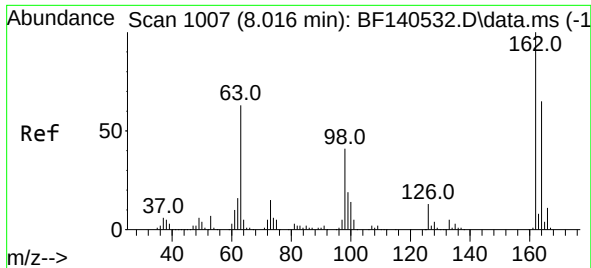
Tgt Ion:122 Resp: 209117
Ion Ratio Lower Upper
122 100
107 118.7 96.8 145.2
121 58.6 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 48.336 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion: 93 Resp: 296167
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.960 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

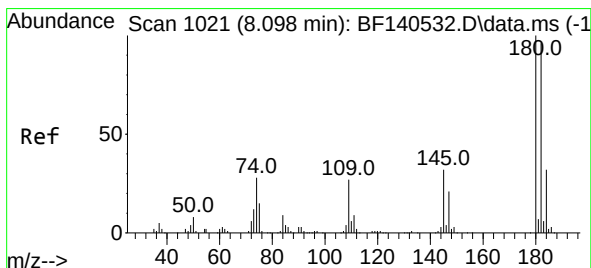
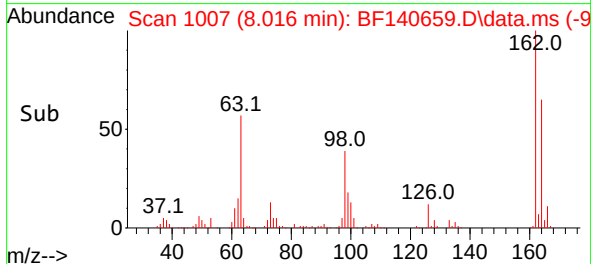
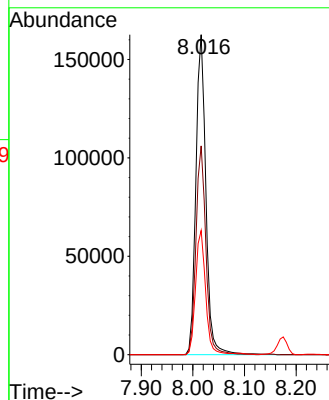
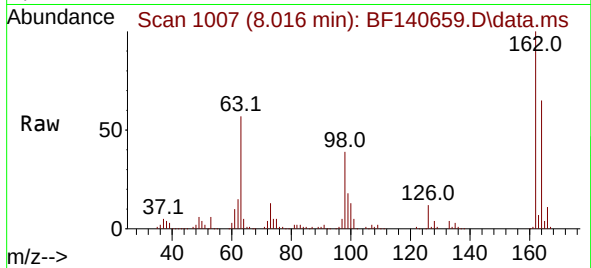
Tgt Ion:162 Resp: 218763

Ion Ratio Lower Upper

162 100

164 65.2 44.8 84.8

98 38.8 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 45.954 ng

RT: 8.093 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

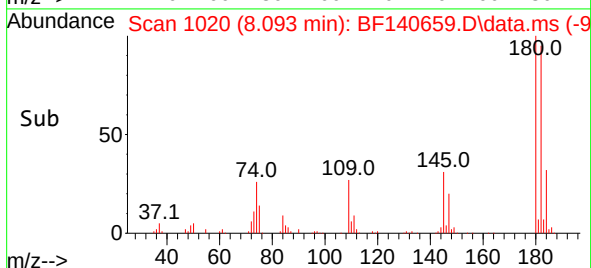
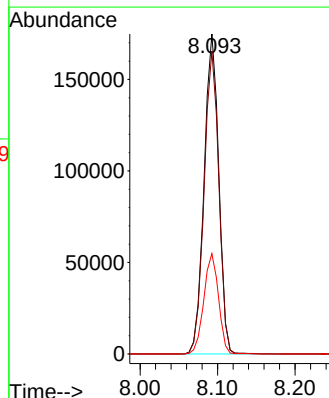
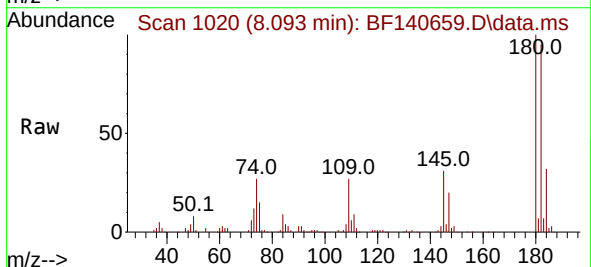
Tgt Ion:180 Resp: 229749

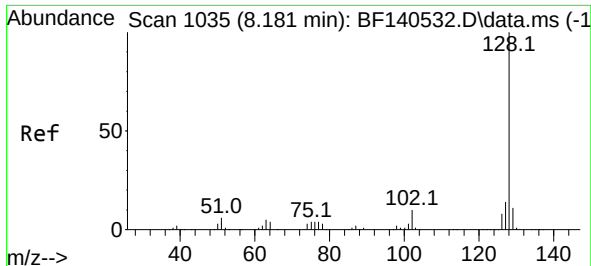
Ion Ratio Lower Upper

180 100

182 94.7 76.4 114.6

145 31.4 25.9 38.9

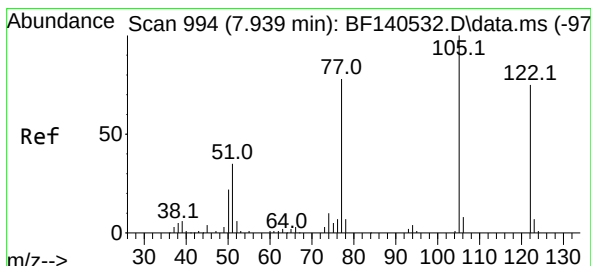
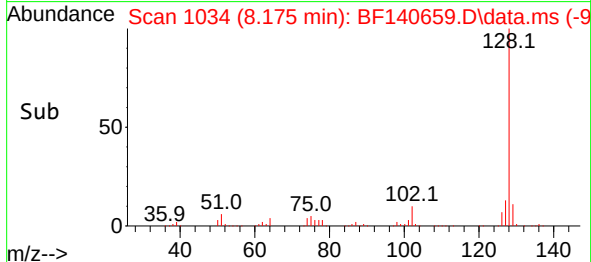
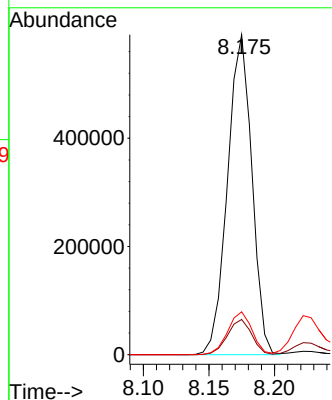
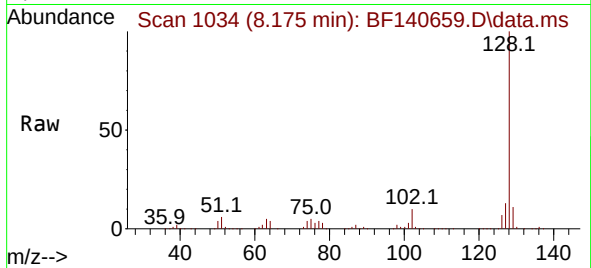




#31
Naphthalene
Concen: 48.170 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

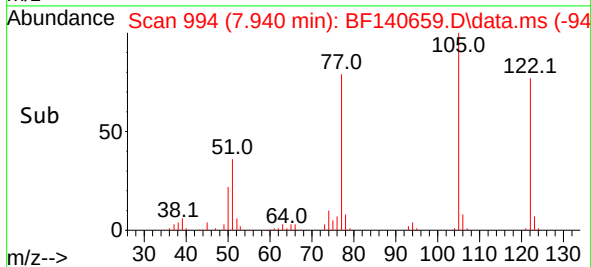
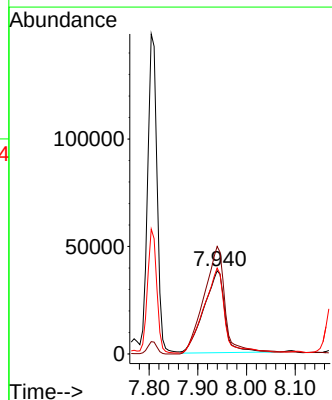
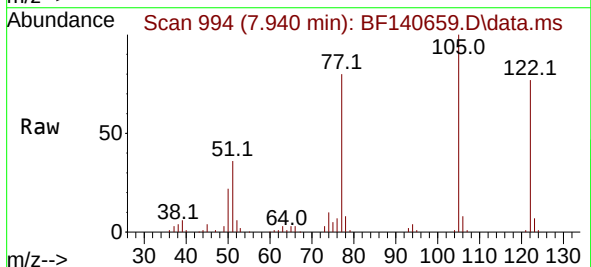
Instrument :
BNA_F
ClientSampleId :
PB165144BS

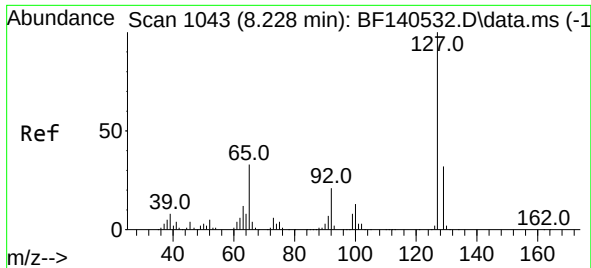
Tgt Ion:128 Resp: 765296
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 41.088 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.001 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:122 Resp: 114650
Ion Ratio Lower Upper
122 100
105 129.2 109.3 149.3
77 103.3 82.3 122.3

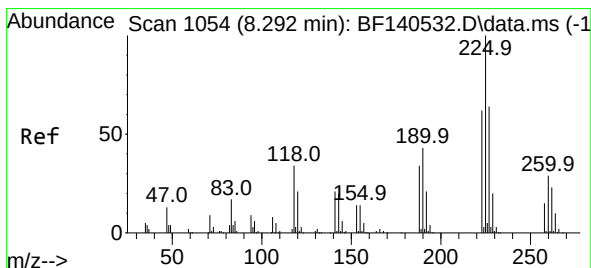
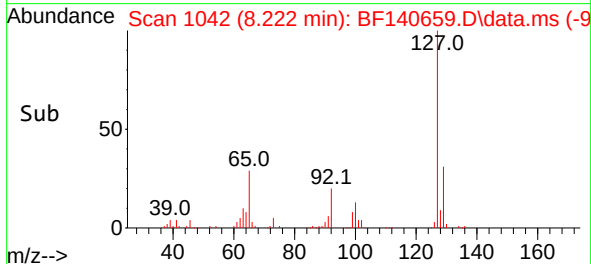
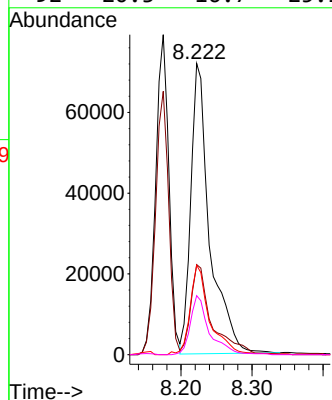
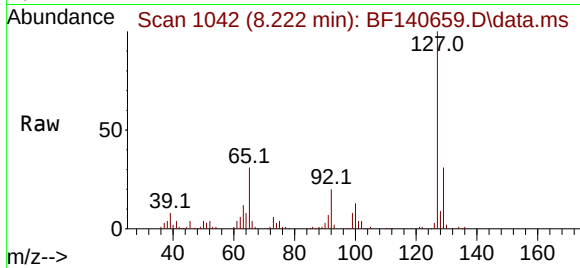




#33
4-Chloroaniline
Concen: 28.000 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

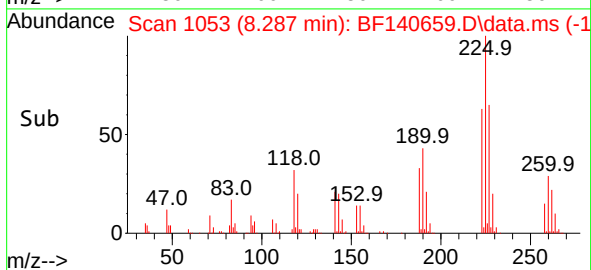
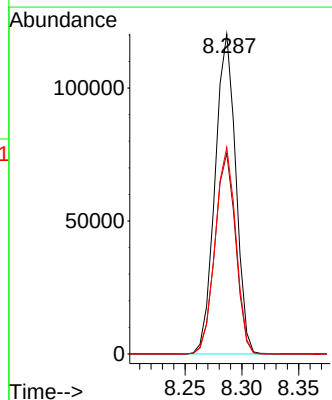
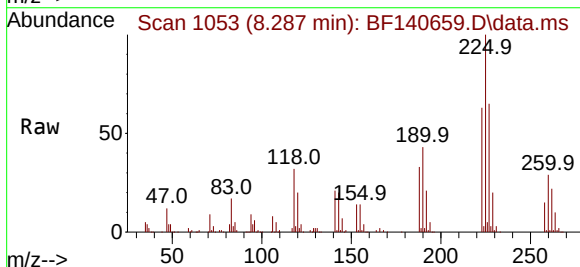
Instrument :
BNA_F
ClientSampleId :
PB165144BS

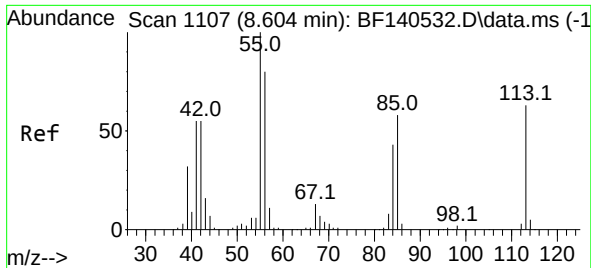
Tgt Ion:	127	Resp:	133189
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.0	39.0
65	30.7	26.0	39.0
92	20.3	16.7	25.1



#34
Hexachlorobutadiene
Concen: 46.020 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:	225	Resp:	152393
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.8	74.8
227	64.6	51.3	76.9





#35

Caprolactam

Concen: 33.039 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

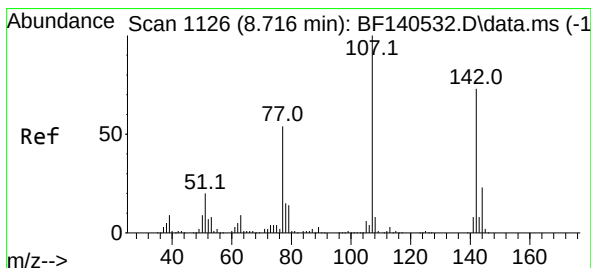
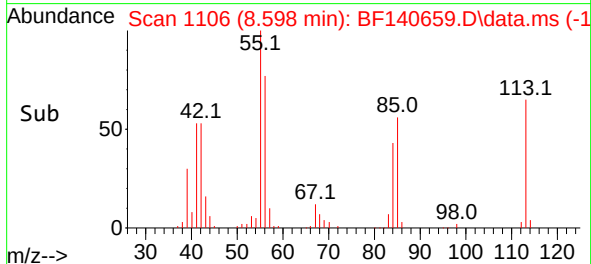
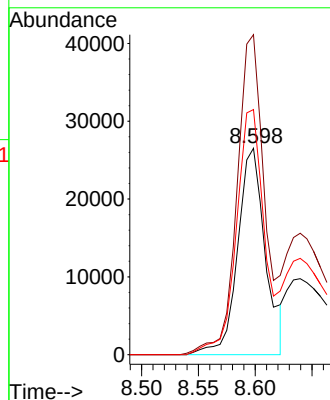
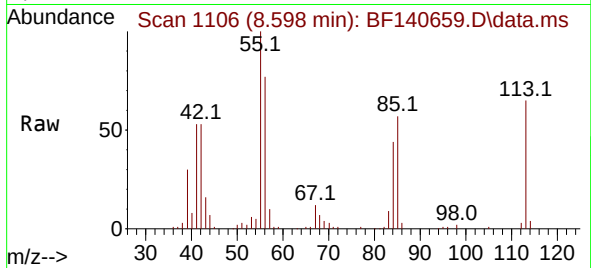
Tgt Ion:113 Resp: 44771

Ion Ratio Lower Upper

113 100

55 155.0 137.7 177.7

56 118.8 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 50.209 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

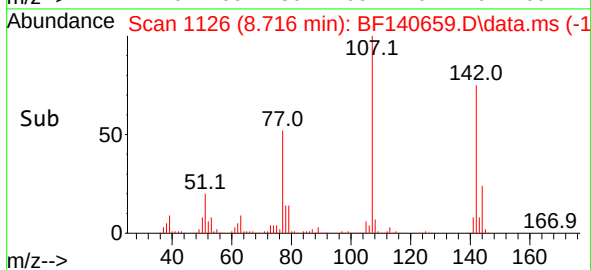
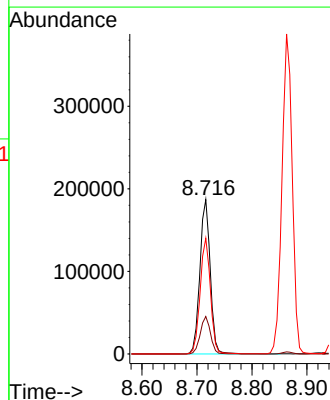
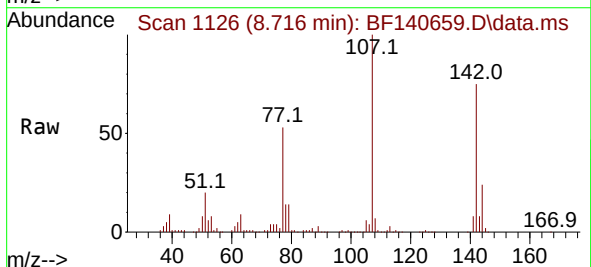
Tgt Ion:107 Resp: 246154

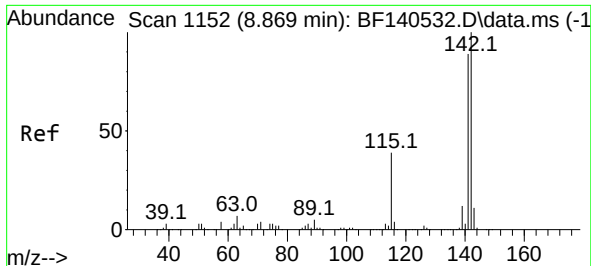
Ion Ratio Lower Upper

107 100

144 24.2 18.7 28.1

142 74.9 58.3 87.5

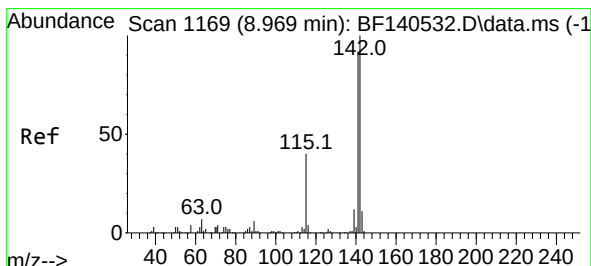
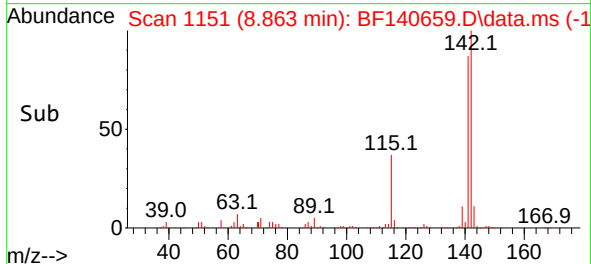
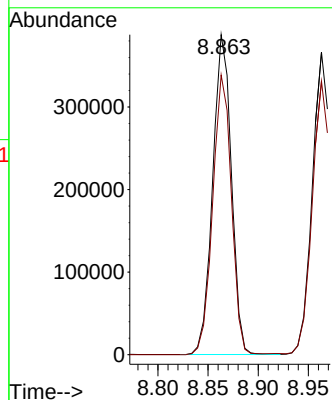
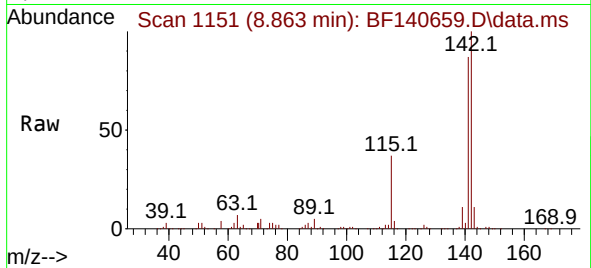




#37
2-Methylnaphthalene
Concen: 49.825 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

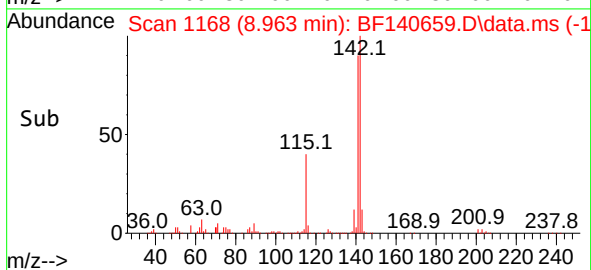
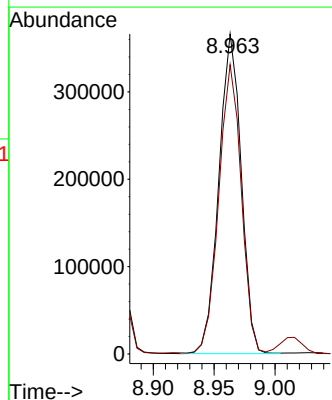
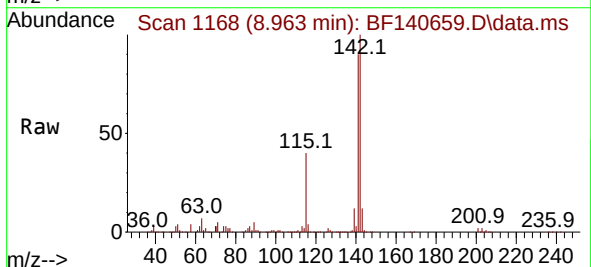
Instrument :
BNA_F
ClientSampleId :
PB165144BS

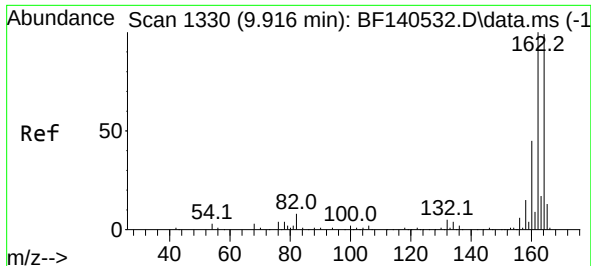
Tgt Ion:142 Resp: 502787
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.6



#38
1-Methylnaphthalene
Concen: 47.298 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:142 Resp: 467838
Ion Ratio Lower Upper
142 100
141 90.4 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

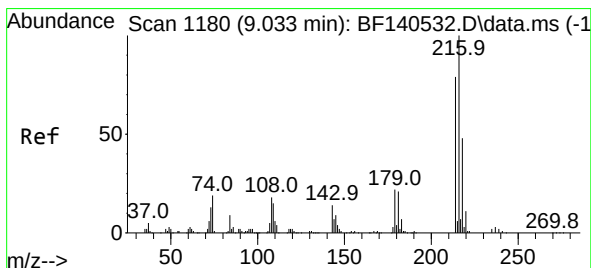
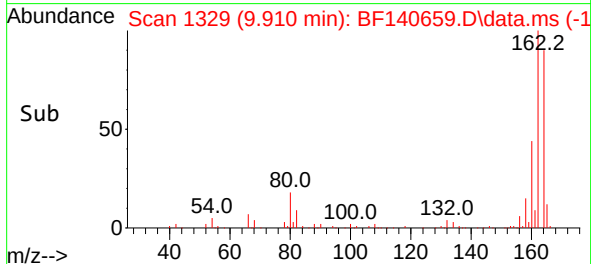
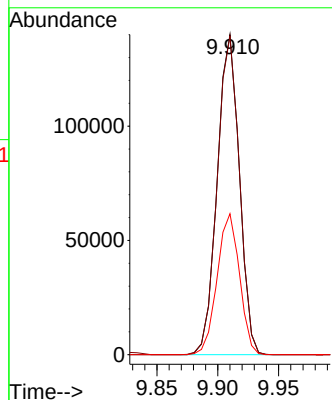
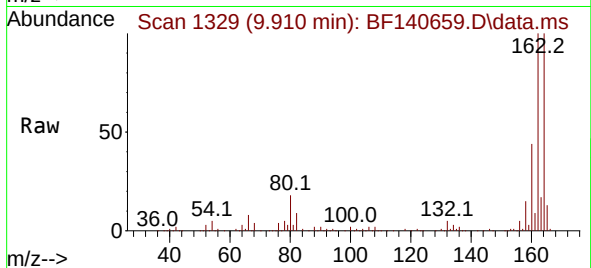
Tgt Ion:164 Resp: 177190

Ion Ratio Lower Upper

164 100

162 99.5 80.6 120.8

160 44.1 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.773 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Tgt Ion:216 Resp: 242624

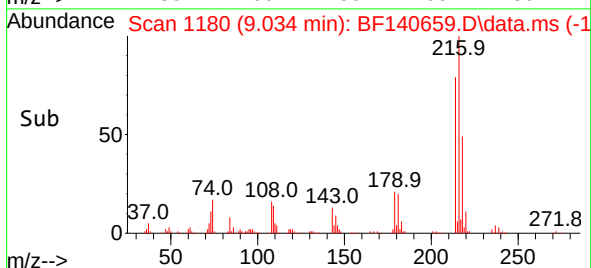
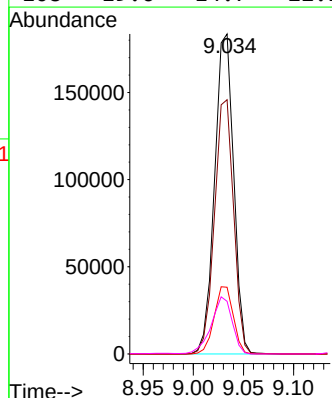
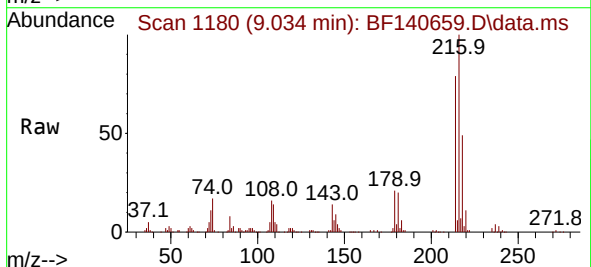
Ion Ratio Lower Upper

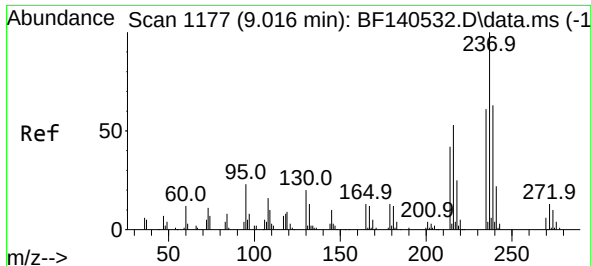
216 100

214 79.6 63.0 94.4

179 21.1 17.5 26.3

108 19.6 14.7 22.1

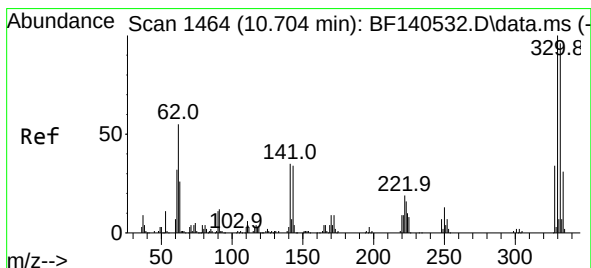
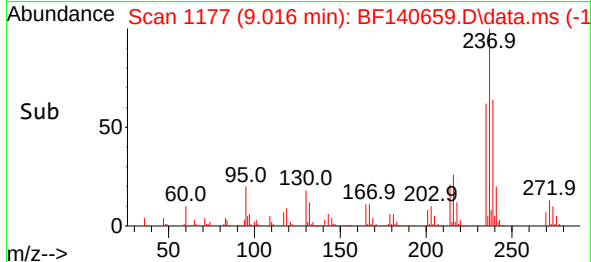
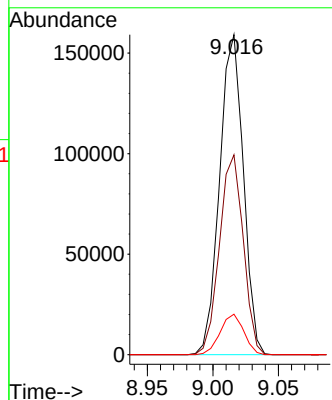
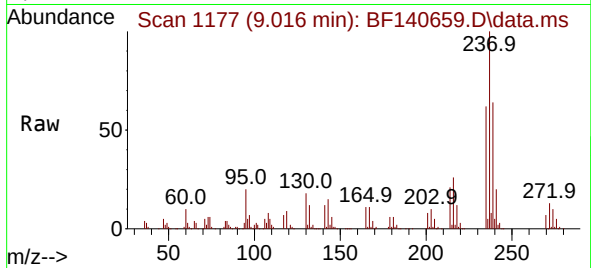




#41
Hexachlorocyclopentadiene
Concen: 163.248 ng
RT: 9.016 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

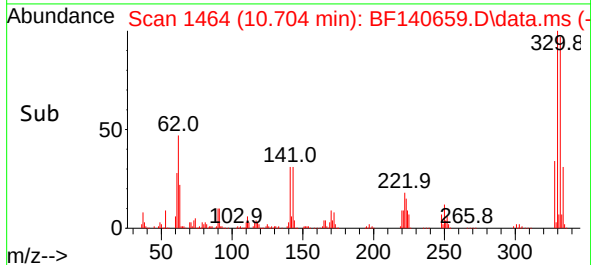
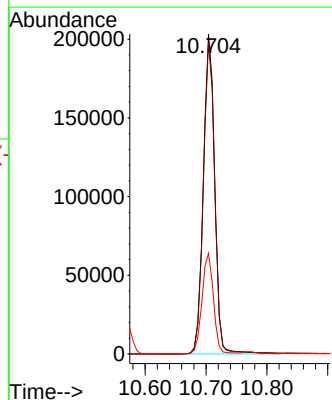
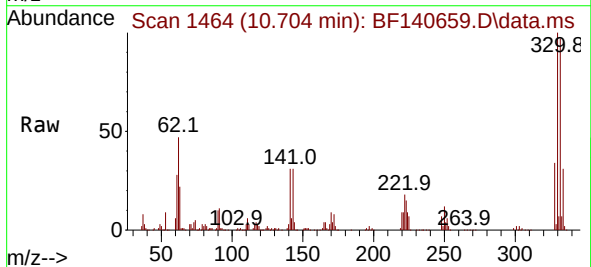
Instrument :
BNA_F
ClientSampleId :
PB165144BS

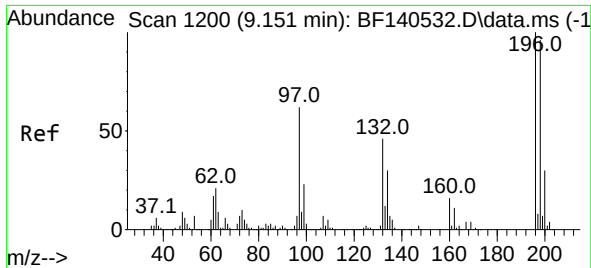
Tgt Ion:237 Resp: 200078
Ion Ratio Lower Upper
237 100
235 62.4 41.1 81.1
272 12.7 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 139.992 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:330 Resp: 265293
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 31.6 26.7 40.1

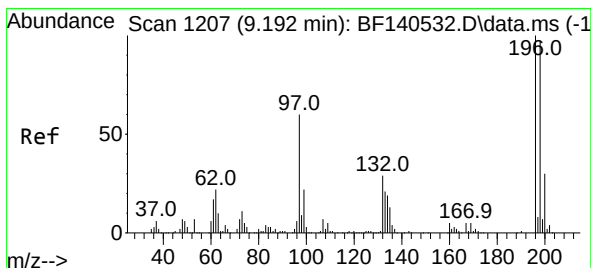
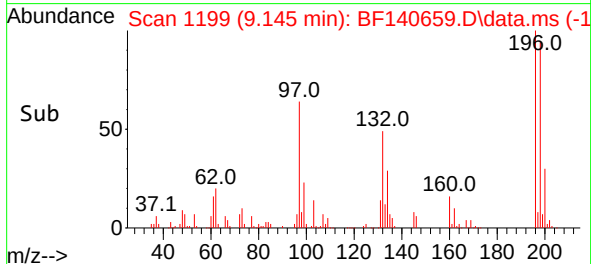
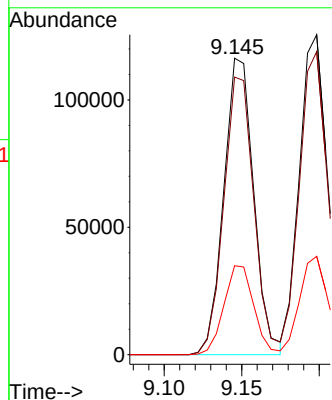
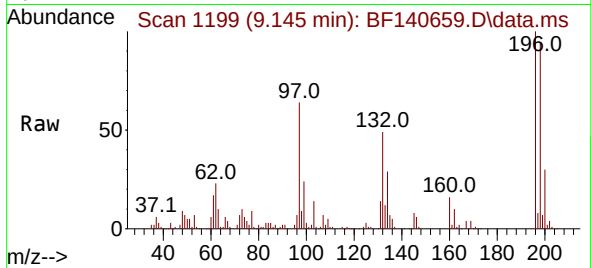




#43
2,4,6-Trichlorophenol
Concen: 48.162 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

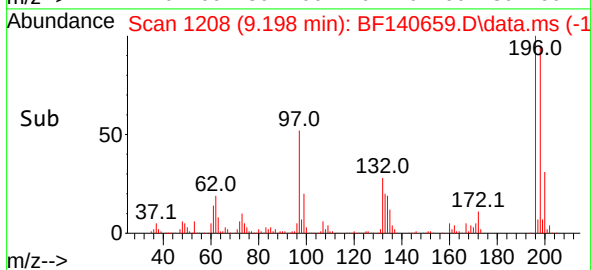
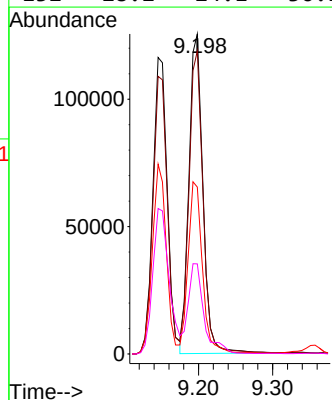
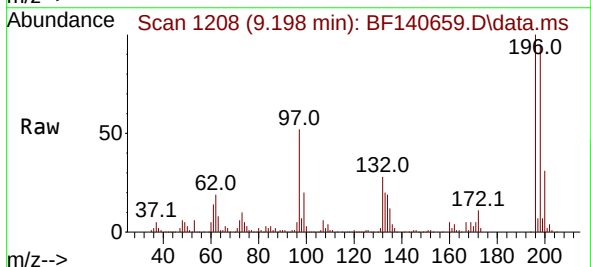
Instrument :
BNA_F
ClientSampleId :
PB165144BS

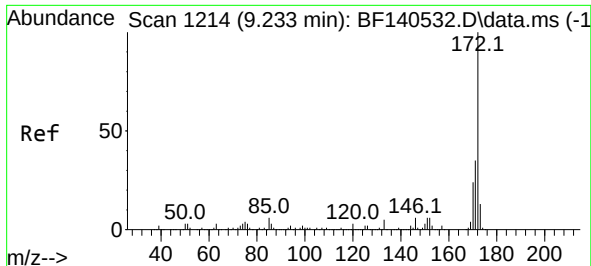
Tgt Ion:196 Resp: 156766
Ion Ratio Lower Upper
196 100
198 93.6 76.8 115.2
200 30.0 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 46.576 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:196 Resp: 164532
Ion Ratio Lower Upper
196 100
198 94.7 77.2 115.8
97 52.1 47.1 70.7
132 28.2 24.1 36.1

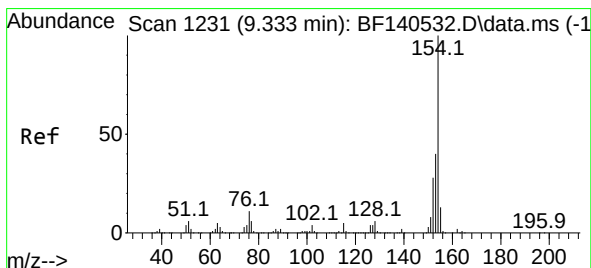
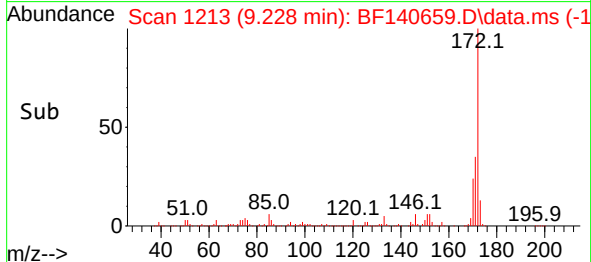
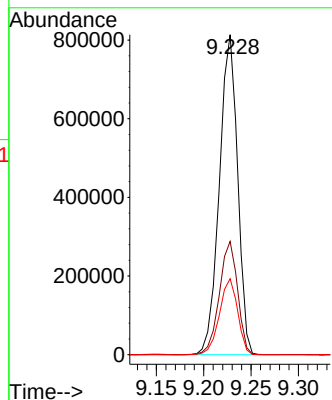
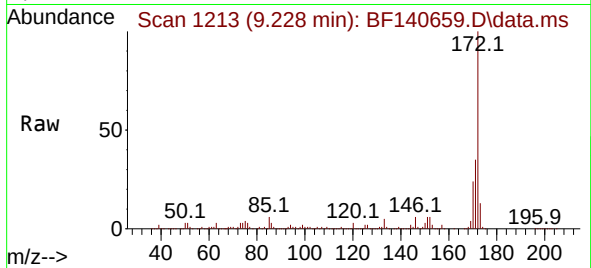




#45
2-Fluorobiphenyl
Concen: 91.651 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

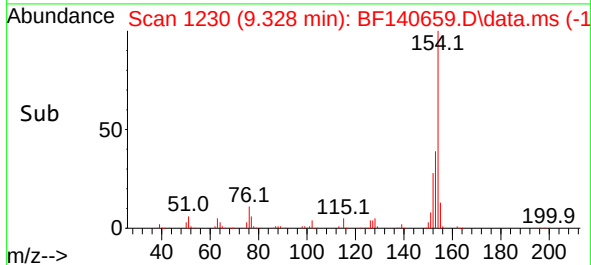
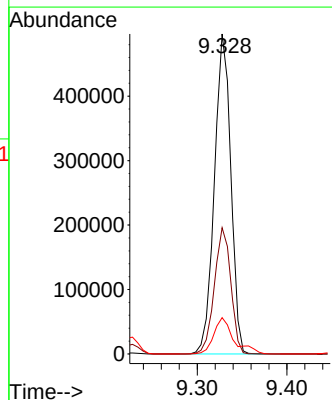
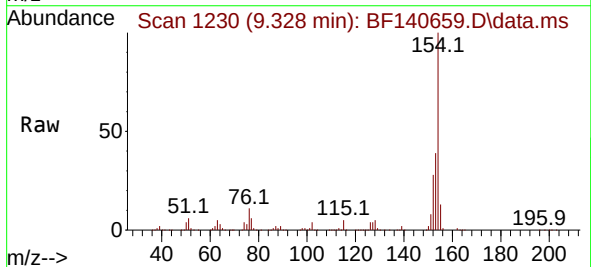
Instrument :
BNA_F
ClientSampleId :
PB165144BS

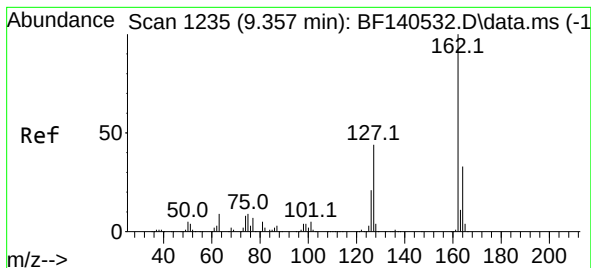
Tgt Ion:172 Resp: 1089947
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.700 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:154 Resp: 631034
Ion Ratio Lower Upper
154 100
153 39.5 20.4 60.4
76 11.4 0.0 31.2





#47

2-Chloronaphthalene

Concen: 46.917 ng

RT: 9.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

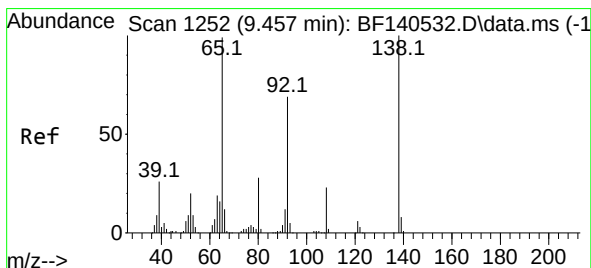
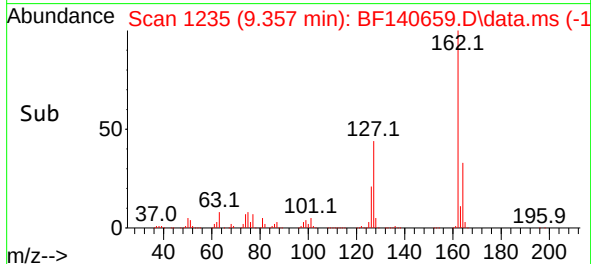
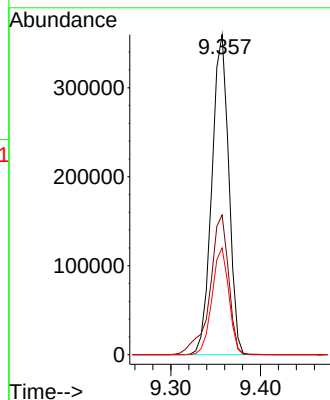
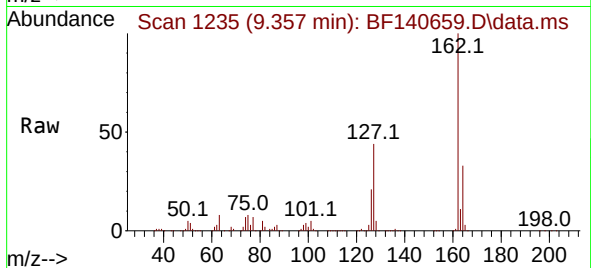
Tgt Ion:162 Resp: 470299

Ion Ratio Lower Upper

162 100

127 43.6 35.7 53.5

164 33.3 26.1 39.1



#48

2-Nitroaniline

Concen: 49.315 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

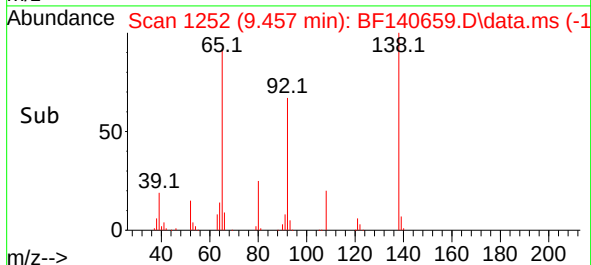
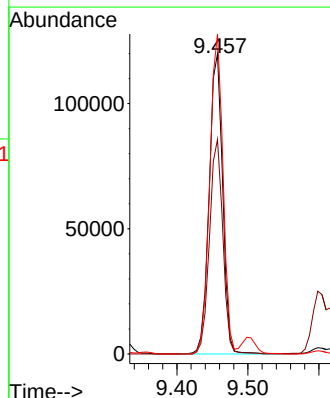
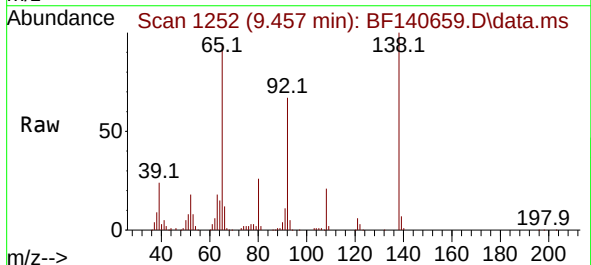
Tgt Ion: 65 Resp: 158673

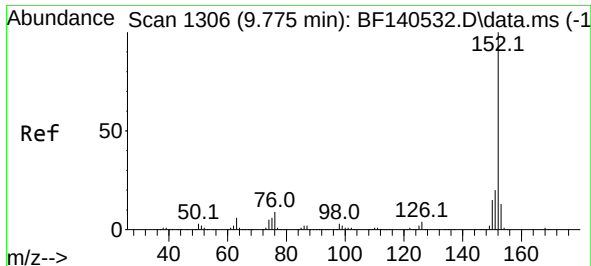
Ion Ratio Lower Upper

65 100

92 71.4 56.1 84.1

138 106.5 81.0 121.6





#49

Acenaphthylene

Concen: 51.626 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

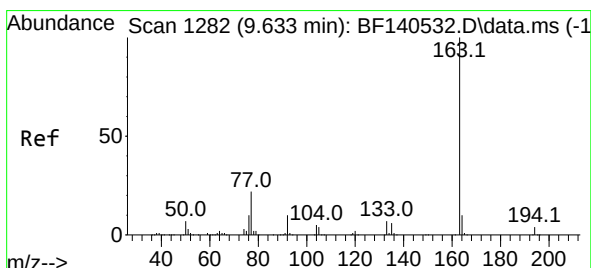
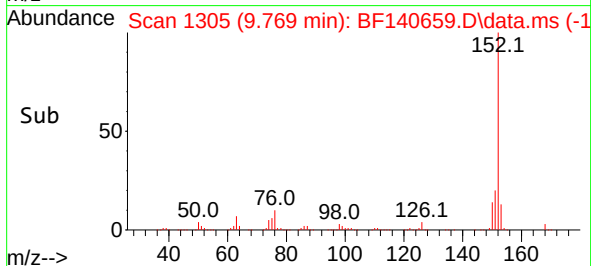
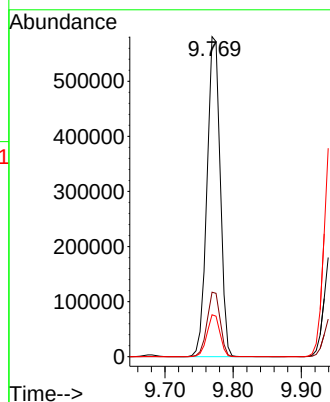
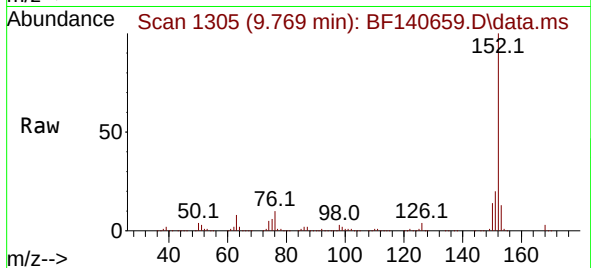
Tgt Ion:152 Resp: 781907

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 49.219 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

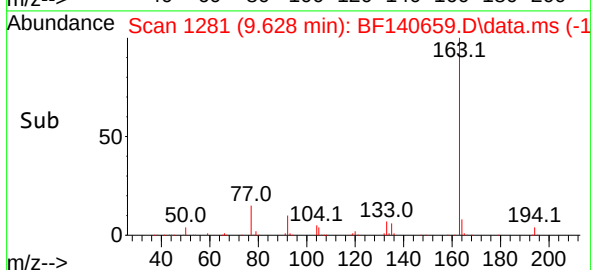
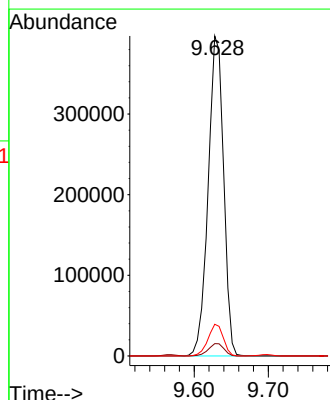
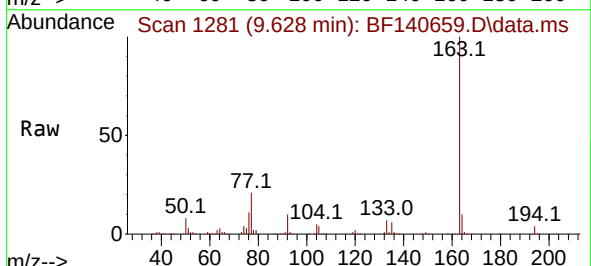
Tgt Ion:163 Resp: 574368

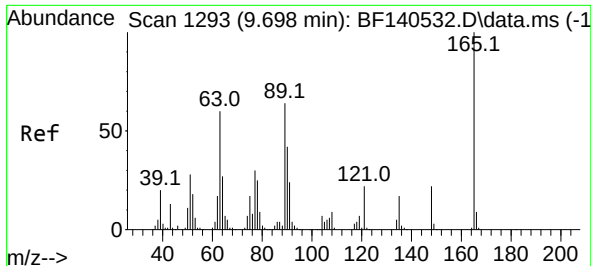
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.9 8.2 12.2

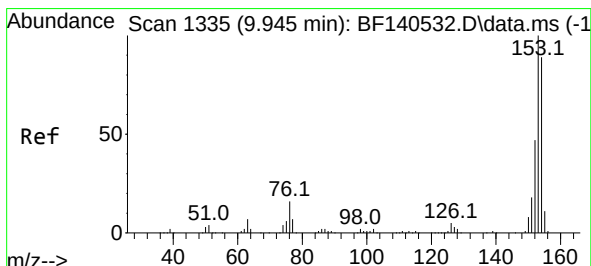
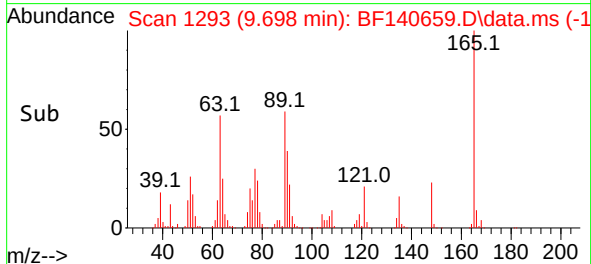
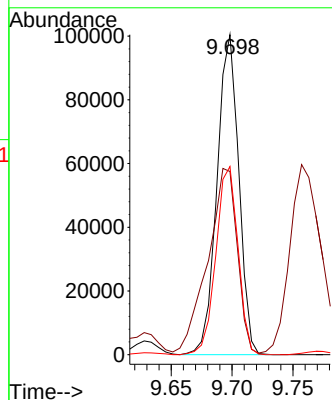
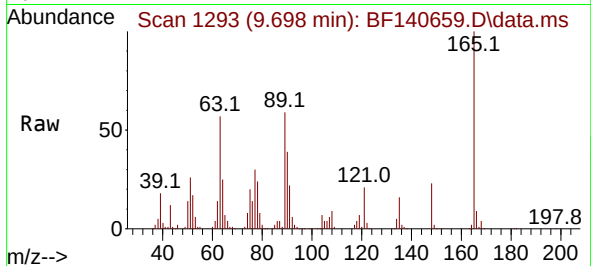




#51
2,6-Dinitrotoluene
Concen: 47.251 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

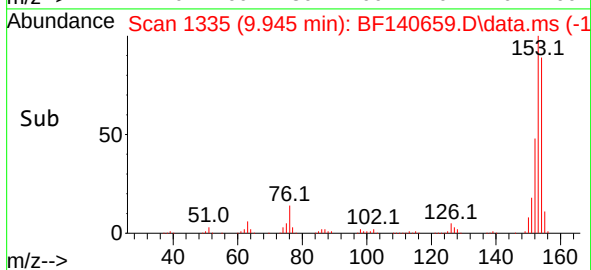
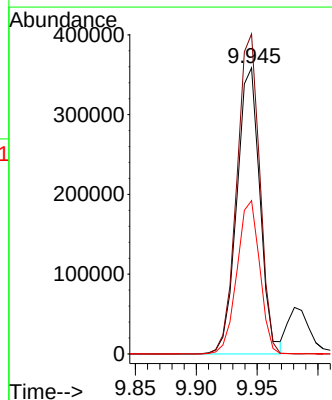
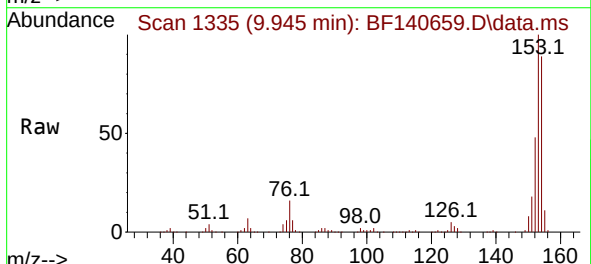
Instrument :
BNA_F
ClientSampleId :
PB165144BS

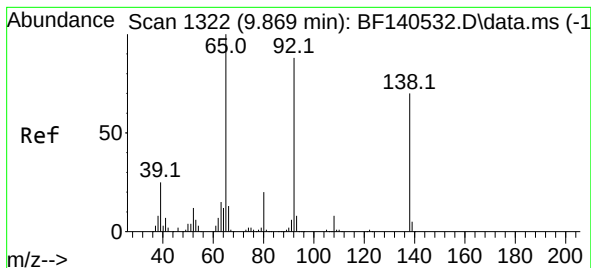
Tgt Ion:165 Resp: 125055
Ion Ratio Lower Upper
165 100
63 57.3 49.9 74.9
89 58.8 50.9 76.3



#52
Acenaphthene
Concen: 49.189 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:154 Resp: 473370
Ion Ratio Lower Upper
154 100
153 111.8 89.7 134.5
152 53.6 42.5 63.7





#53

3-Nitroaniline

Concen: 32.365 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

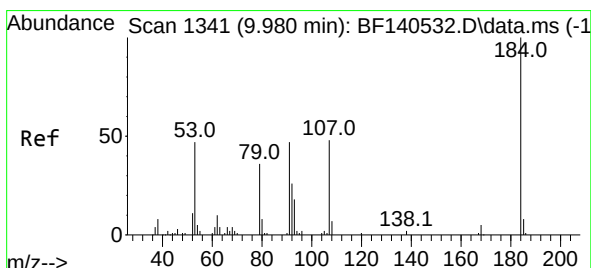
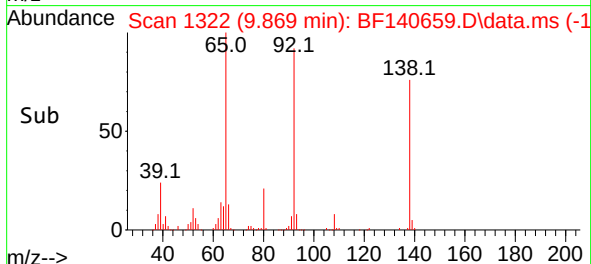
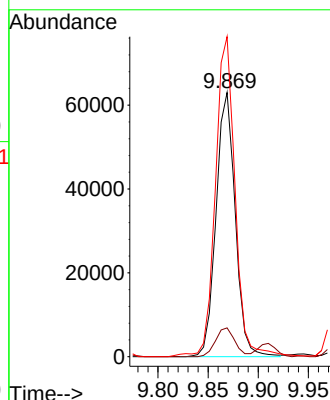
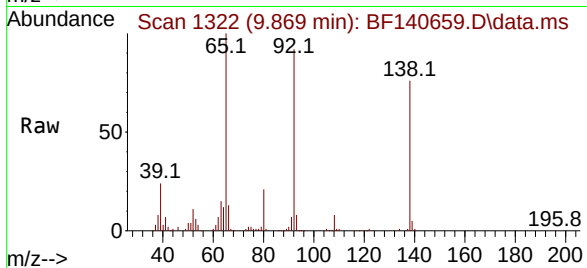
Tgt Ion:138 Resp: 83776

Ion Ratio Lower Upper

138 100

108 10.9 9.2 13.8

92 121.1 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 87.279 ng

RT: 9.981 min Scan# 1341

Delta R.T. 0.001 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

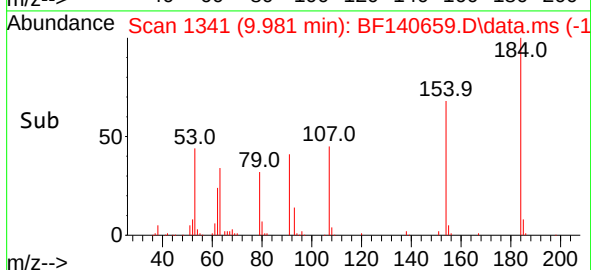
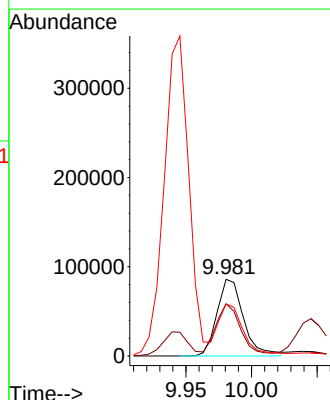
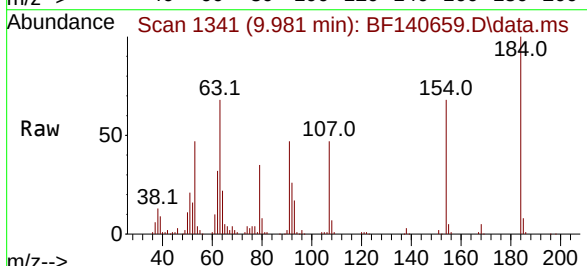
Tgt Ion:184 Resp: 120715

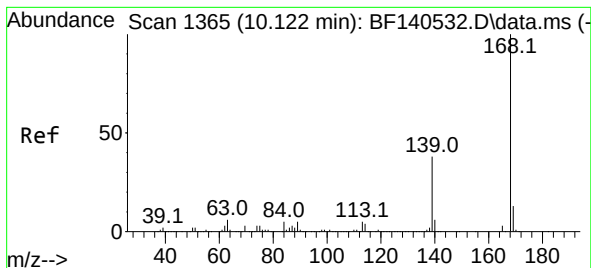
Ion Ratio Lower Upper

184 100

63 68.1 54.1 81.1

154 67.9 57.4 86.0





#55

Dibenzenofuran

Concen: 48.163 ng

RT: 10.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

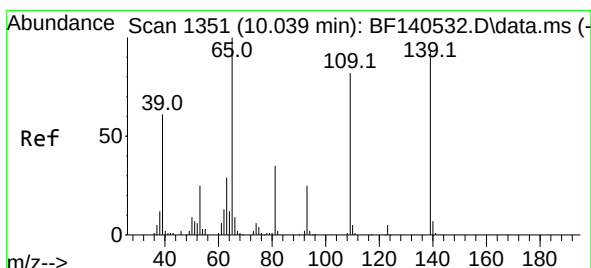
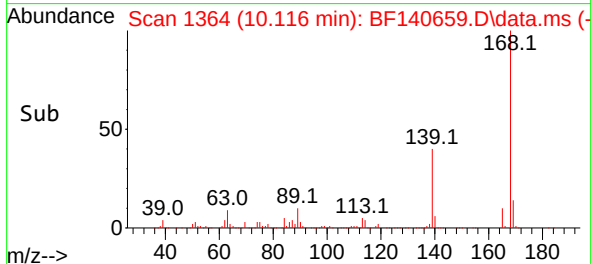
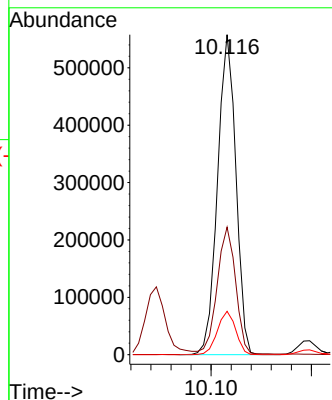
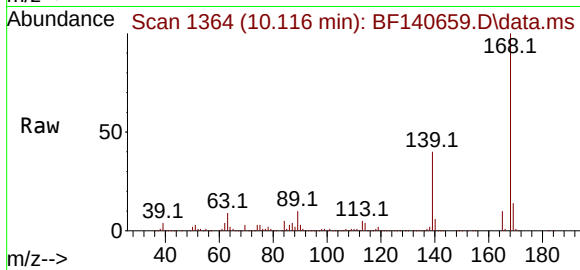
Tgt Ion:168 Resp: 706974

Ion Ratio Lower Upper

168 100

139 39.9 31.3 46.9

169 13.6 10.5 15.7



#56

4-Nitrophenol

Concen: 95.365 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

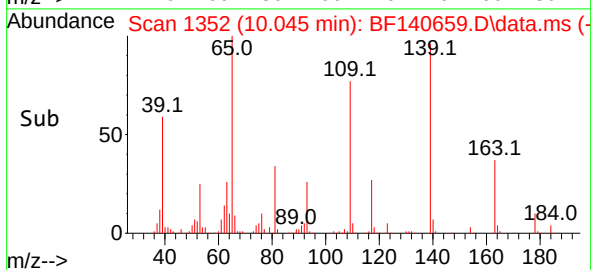
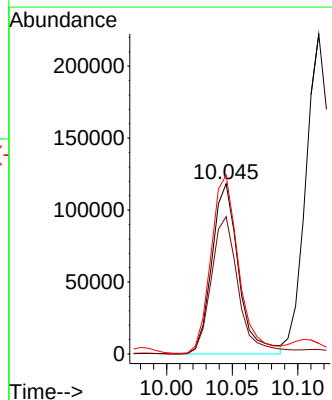
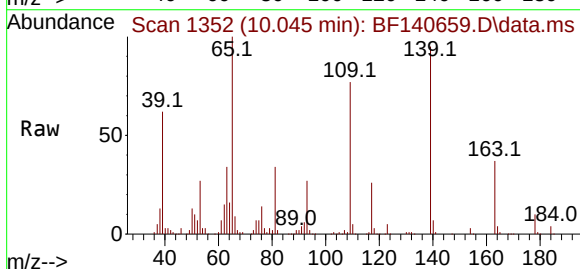
Tgt Ion:139 Resp: 168353

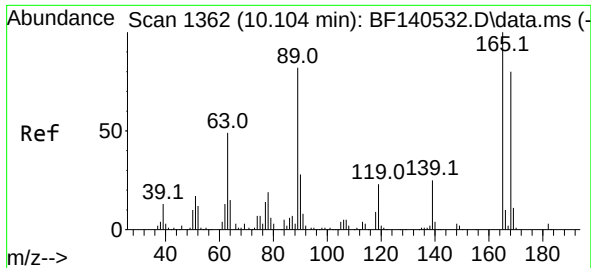
Ion Ratio Lower Upper

139 100

109 80.7 68.4 108.4

65 105.0 88.6 128.6

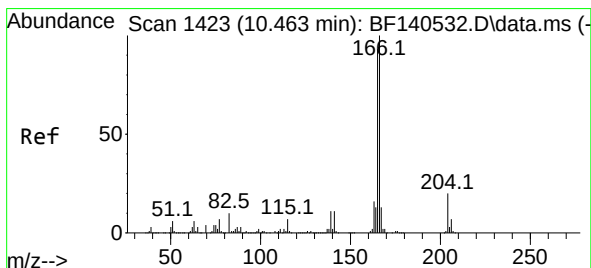
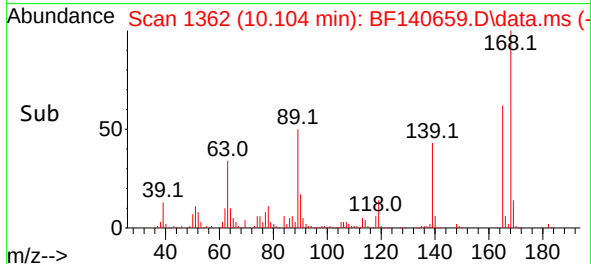
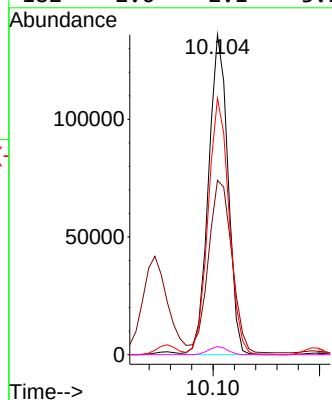
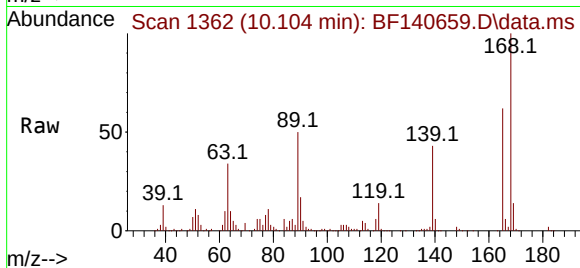




#57
2,4-Dinitrotoluene
Concen: 49.057 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

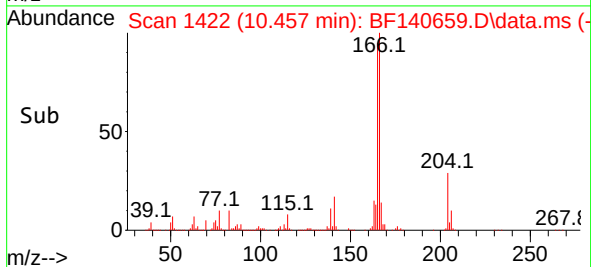
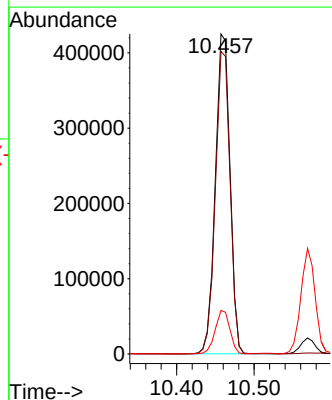
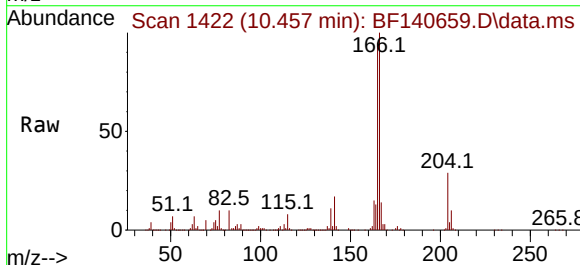
Instrument :
BNA_F
ClientSampleId :
PB165144BS

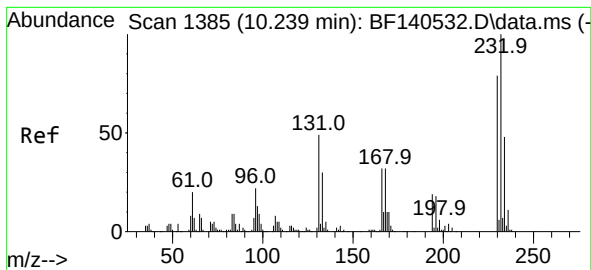
Tgt Ion:165 Resp: 172553
Ion Ratio Lower Upper
165 100
63 54.5 41.7 62.5
89 80.1 65.8 98.8
182 2.6 2.1 3.1



#58
Fluorene
Concen: 47.534 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:166 Resp: 560062
Ion Ratio Lower Upper
166 100
165 94.5 74.6 111.8
167 13.6 10.6 16.0

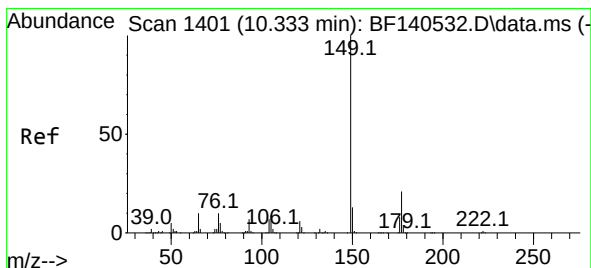
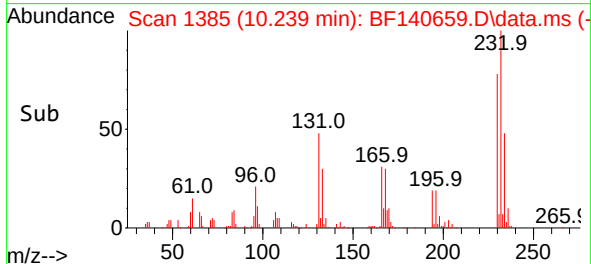
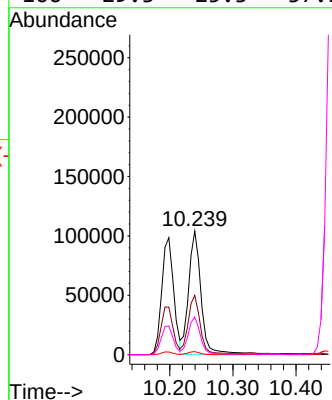
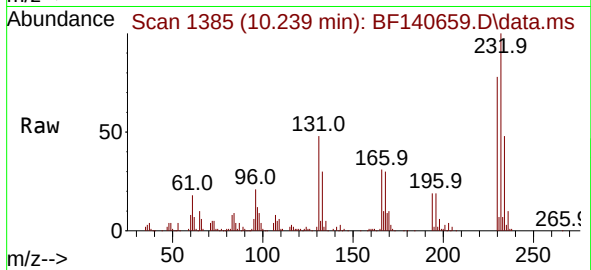




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.026 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

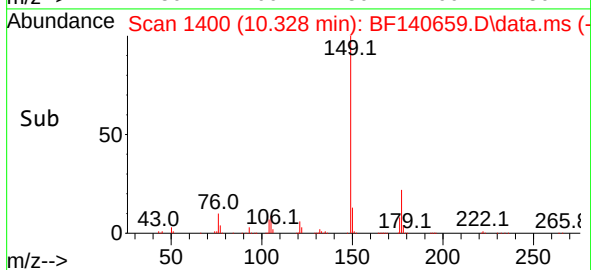
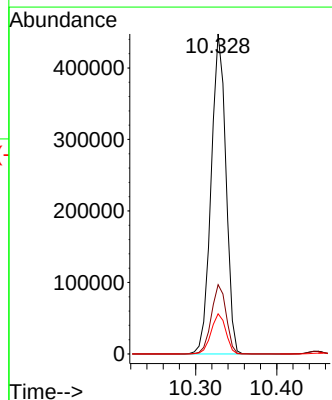
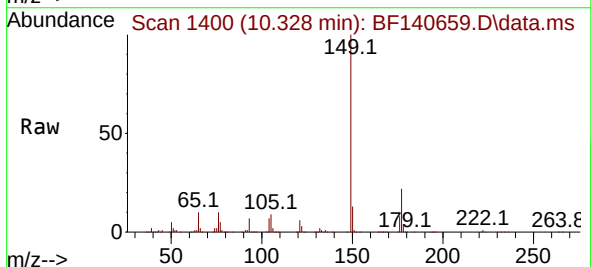
Instrument :
BNA_F
ClientSampleId :
PB165144BS

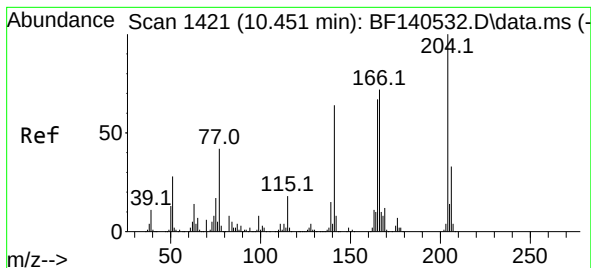
Tgt Ion:	232	Resp:	141245
Ion	Ratio	Lower	Upper
232	100		
131	45.8	39.6	59.4
130	2.4	1.9	2.9
166	29.3	25.3	37.9



#60
Diethylphthalate
Concen: 47.672 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:	149	Resp:	565227
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.1	25.7
150	12.5	10.1	15.1

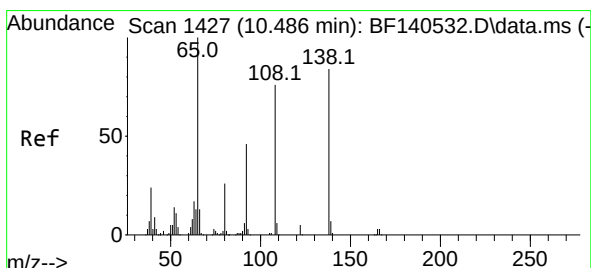
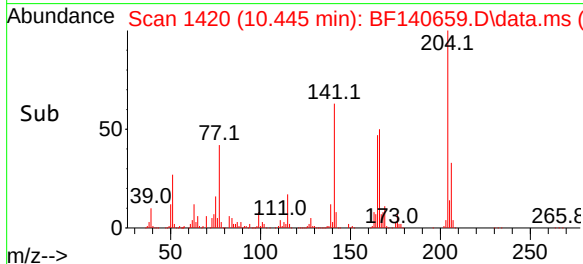
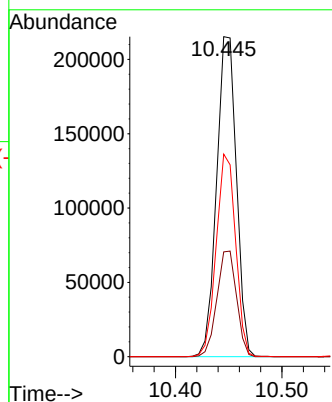
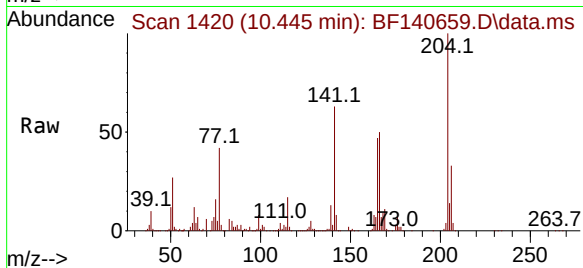




#61
4-Chlorophenyl-phenylether
Concen: 48.045 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

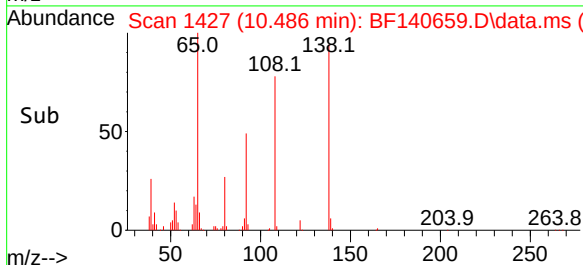
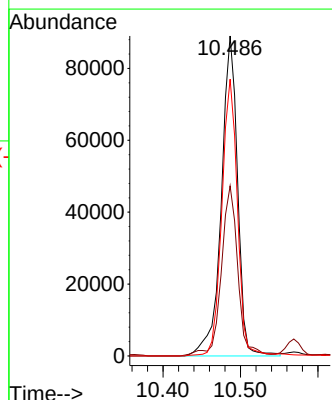
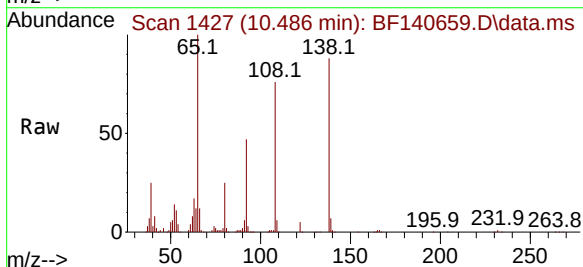
Instrument :
BNA_F
ClientSampleId :
PB165144BS

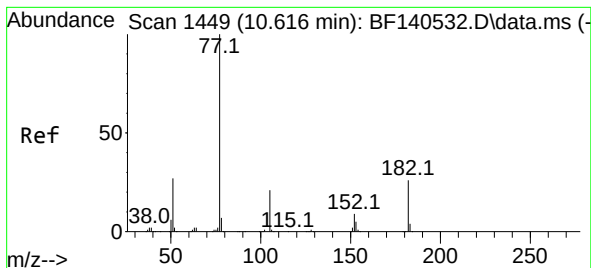
Tgt Ion:204 Resp: 277803
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 63.3 51.1 76.7



#62
4-Nitroaniline
Concen: 47.967 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:138 Resp: 130223
Ion Ratio Lower Upper
138 100
92 53.2 34.5 74.5
108 86.5 70.6 110.6





#63

Azobenzene

Concen: 48.205 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

Tgt Ion: 77 Resp: 541255

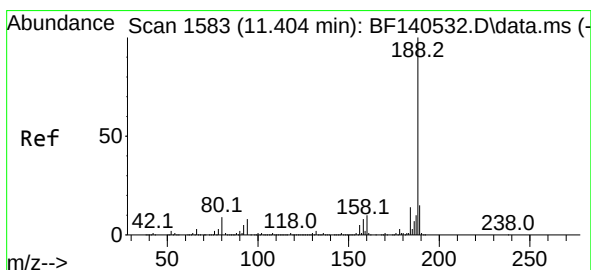
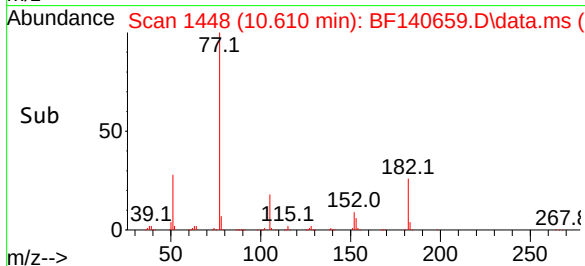
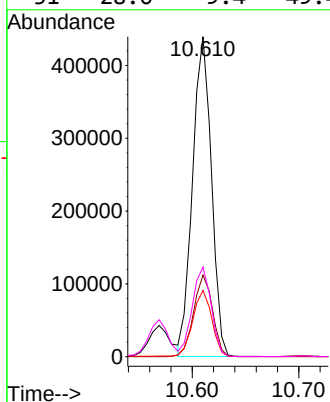
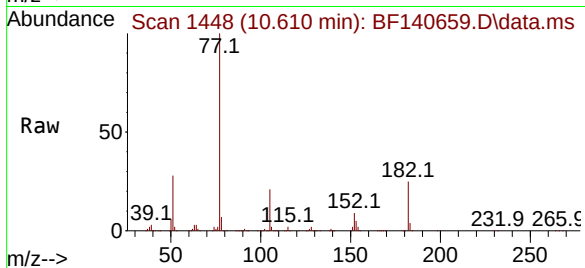
Ion Ratio Lower Upper

77 100

182 25.5 5.3 45.3

105 20.7 0.3 40.3

51 28.0 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: BF140659.D

Acq: 27 Nov 2024 10:30

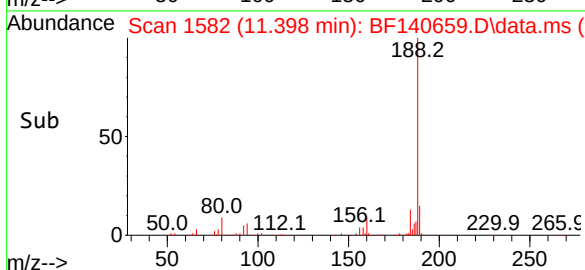
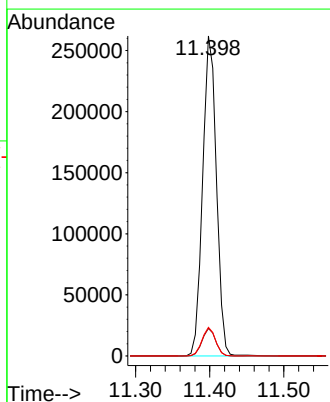
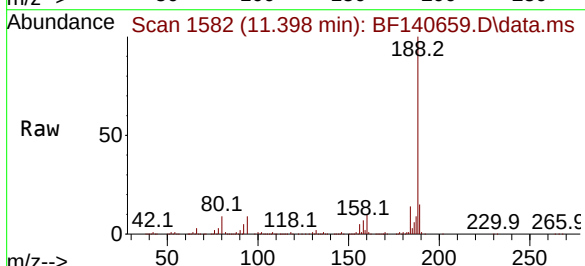
Tgt Ion:188 Resp: 338038

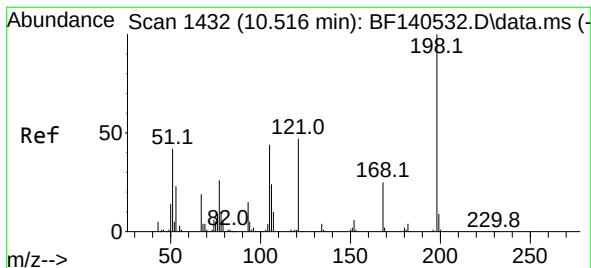
Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 9.0 6.9 10.3

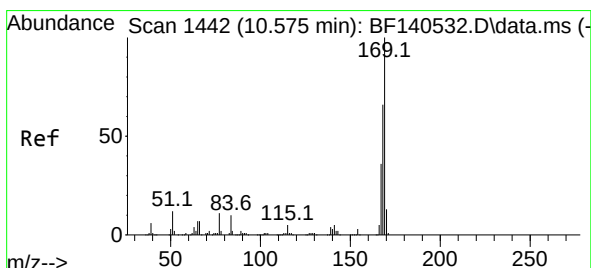
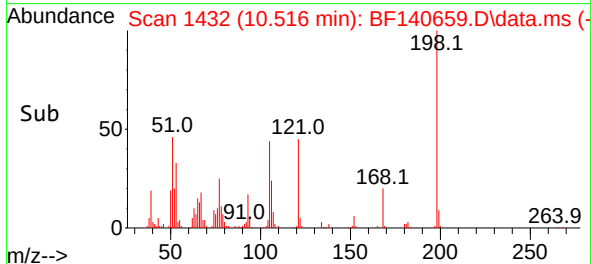
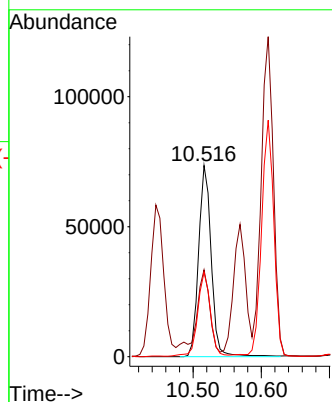
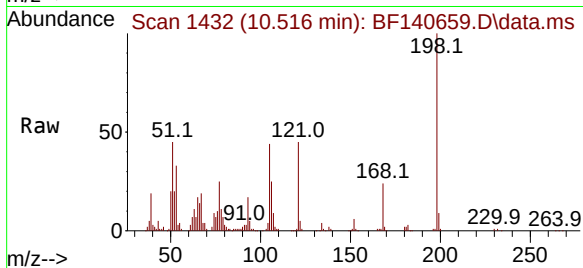




#65
4,6-Dinitro-2-methylphenol
Concen: 54.935 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

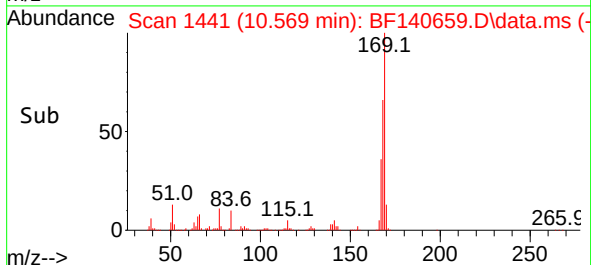
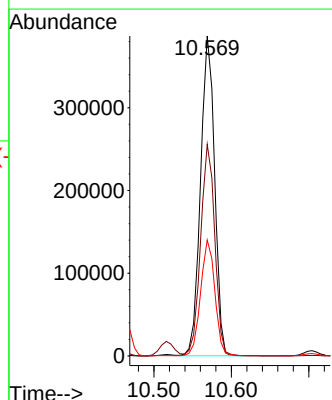
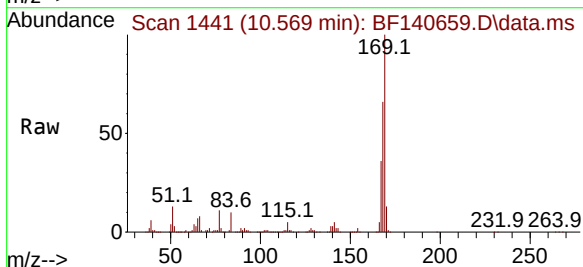
Instrument :
BNA_F
ClientSampleId :
PB165144BS

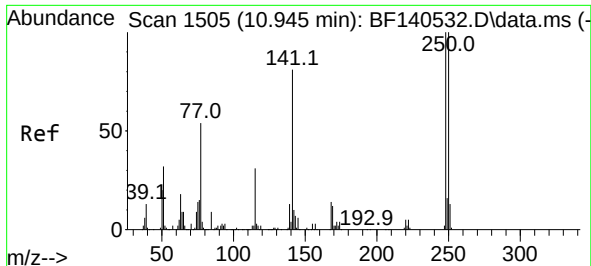
Tgt Ion:198 Resp: 94895
Ion Ratio Lower Upper
198 100
51 45.4 29.4 69.4
105 44.1 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 48.774 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:169 Resp: 487573
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.3 29.0 43.6

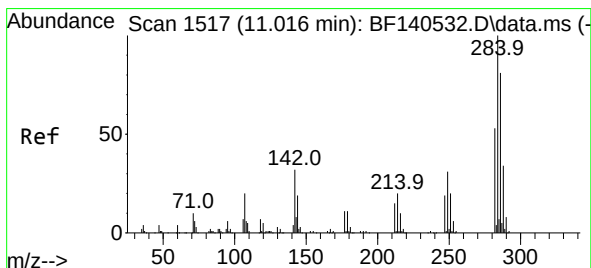
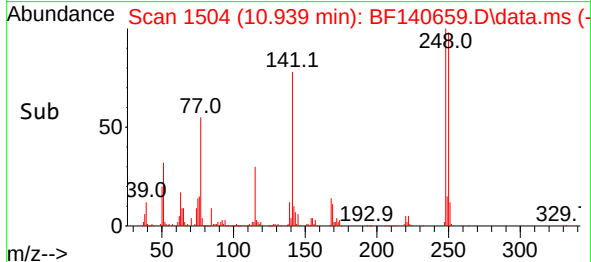
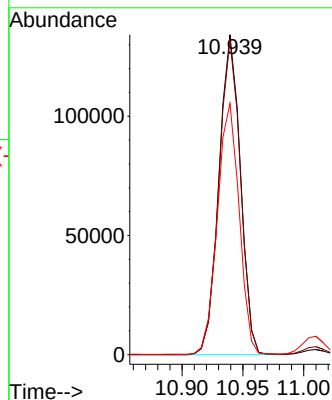
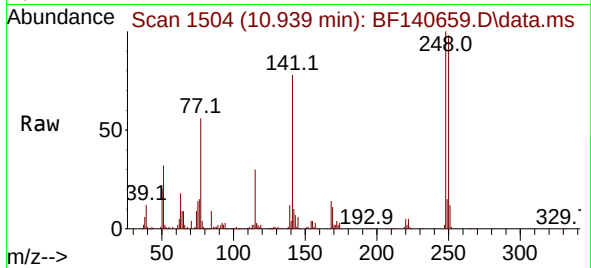




#67
4-Bromophenyl-phenylether
Concen: 47.497 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

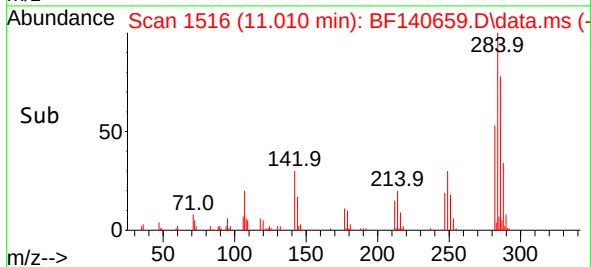
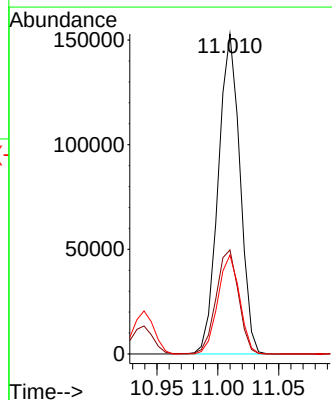
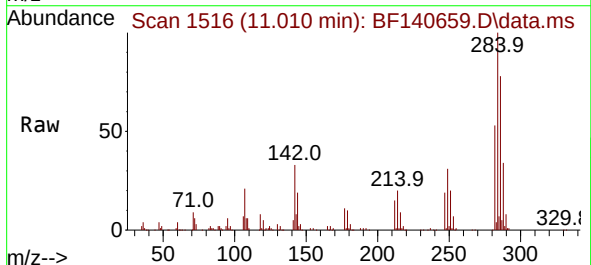
Instrument :
BNA_F
ClientSampleId :
PB165144BS

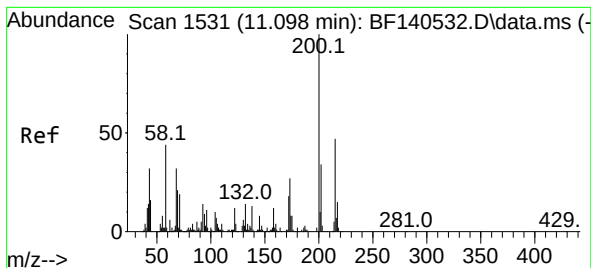
Tgt Ion:248 Resp: 165350
Ion Ratio Lower Upper
248 100
250 98.2 79.8 119.8
141 78.5 64.7 97.1



#68
Hexachlorobenzene
Concen: 47.055 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:284 Resp: 189679
Ion Ratio Lower Upper
284 100
142 32.5 25.3 37.9
249 30.9 24.8 37.2





#69

Atrazine

Concen: 57.578 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

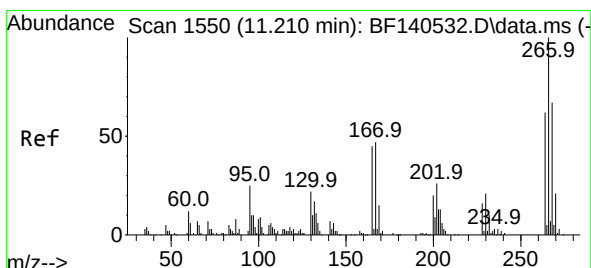
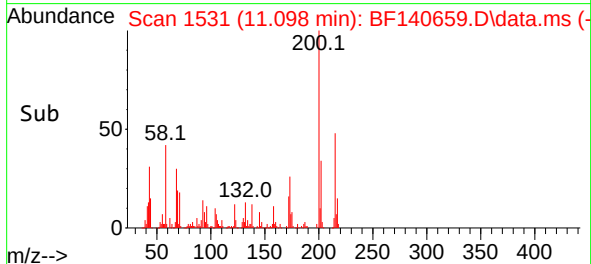
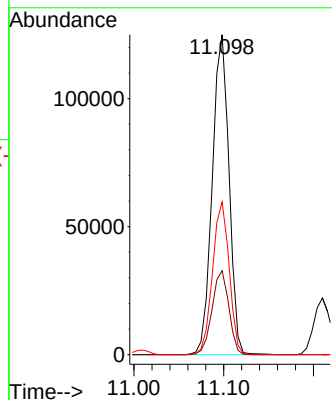
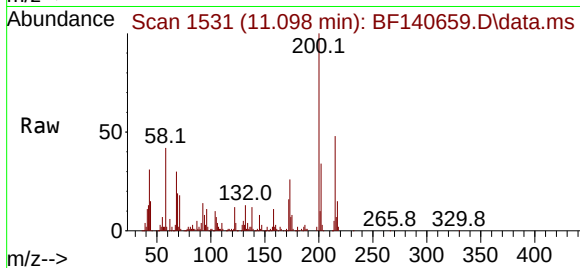
Tgt Ion:200 Resp: 161923

Ion Ratio Lower Upper

200 100

173 26.3 7.0 47.0

215 47.7 26.7 66.7



#70

Pentachlorophenol

Concen: 97.098 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

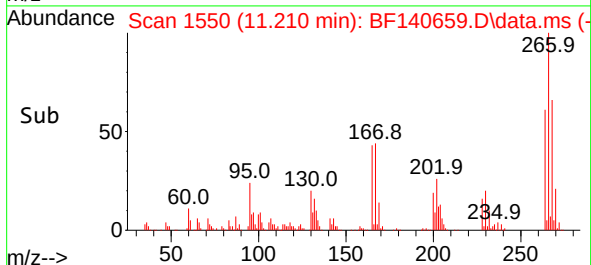
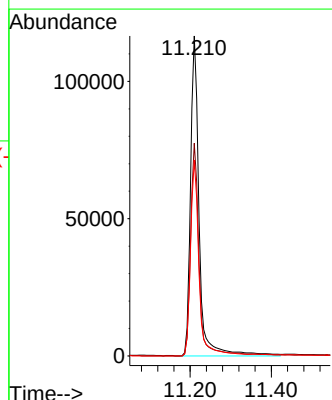
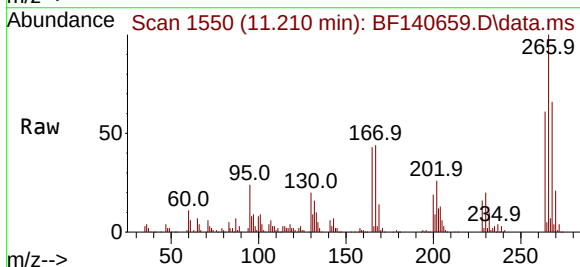
Tgt Ion:266 Resp: 172264

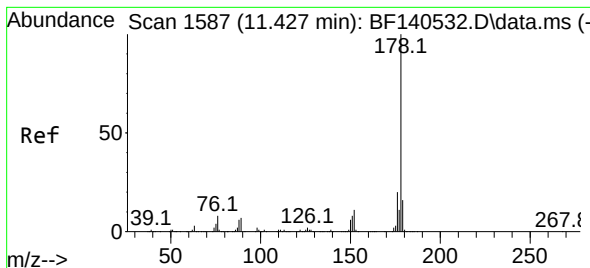
Ion Ratio Lower Upper

266 100

268 66.5 53.7 80.5

264 61.3 49.8 74.8





#71

Phenanthrene

Concen: 49.726 ng

RT: 11.428 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

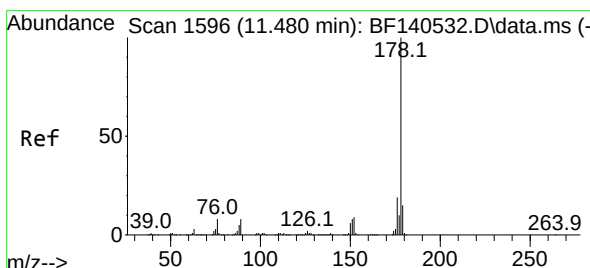
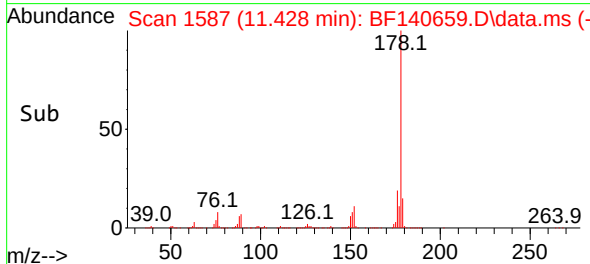
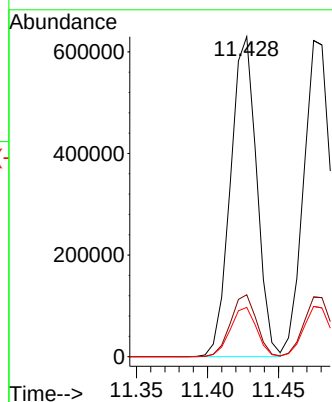
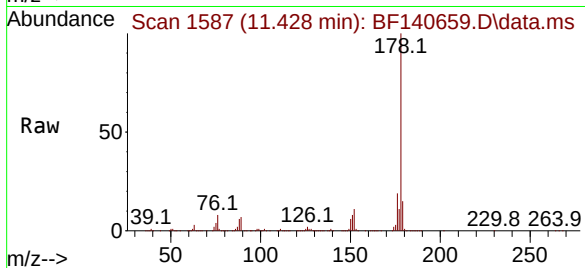
Tgt Ion:178 Resp: 808001

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

179 15.4 12.4 18.6



#72

Anthracene

Concen: 51.800 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

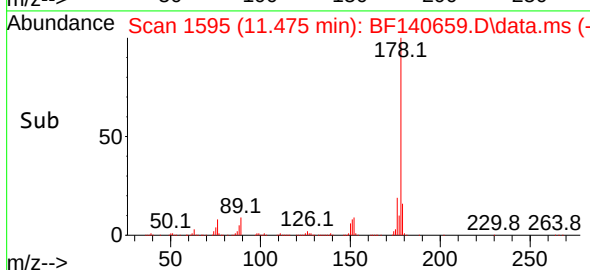
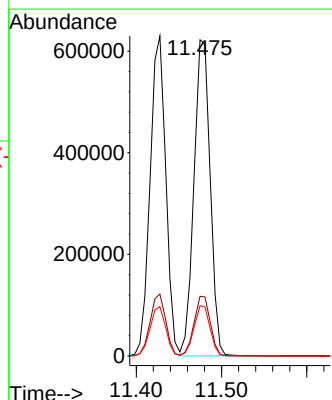
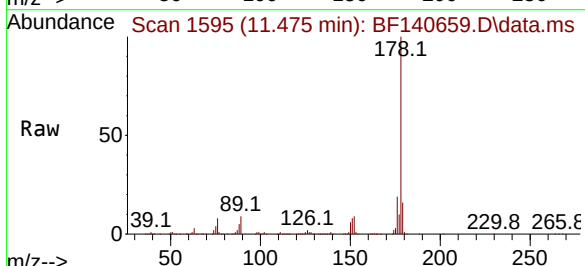
Tgt Ion:178 Resp: 823351

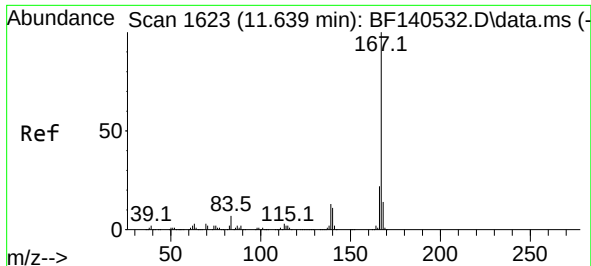
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

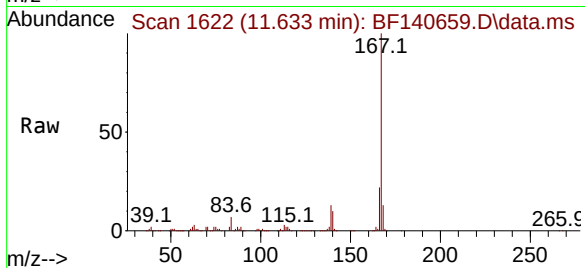
179 15.9 12.2 18.4





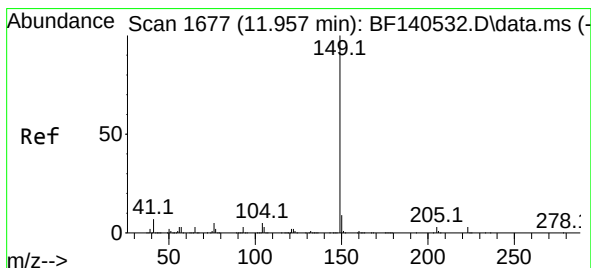
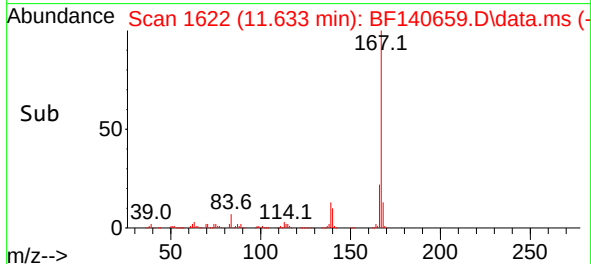
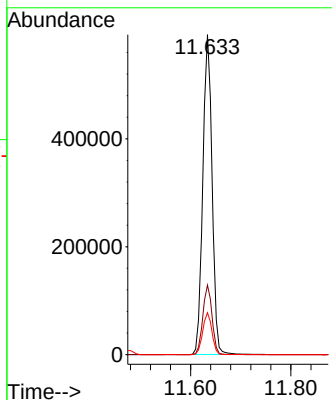
#73
 Carbazole
 Concen: 49.906 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140659.D
 Acq: 27 Nov 2024 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB165144BS



Tgt Ion:167 Resp: 763113

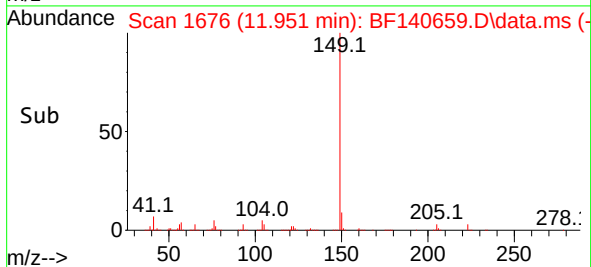
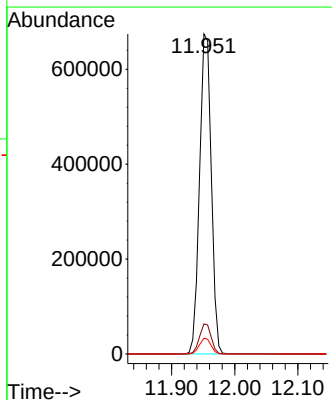
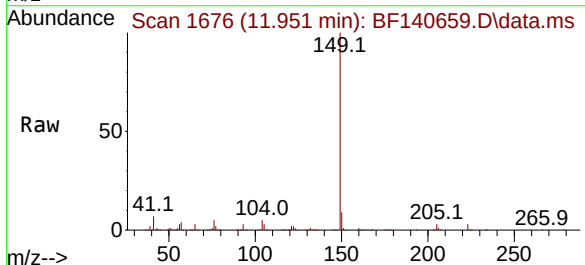
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	13.1	10.6	15.8

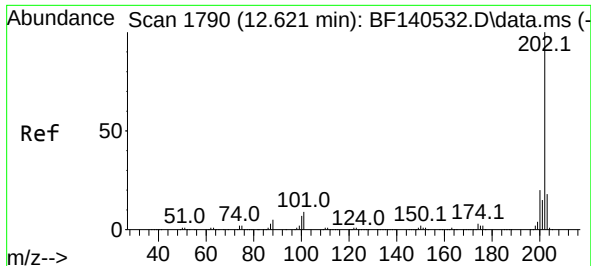


#74
 Di-n-butylphthalate
 Concen: 49.197 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF140659.D
 Acq: 27 Nov 2024 10:30

Tgt Ion:149 Resp: 868491

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.9	4.1	6.1

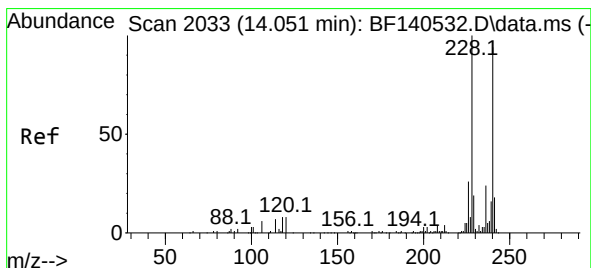
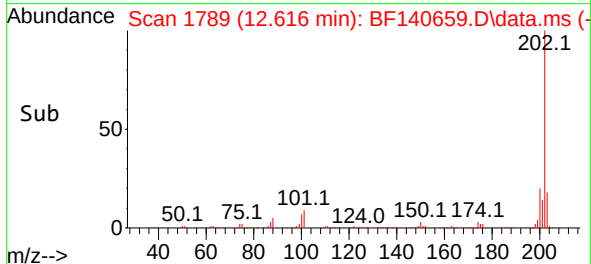
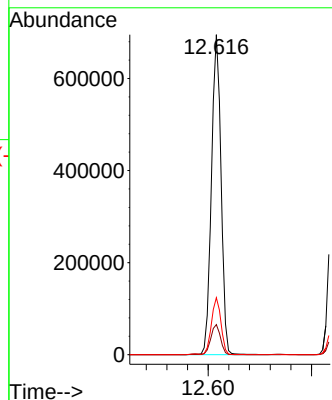
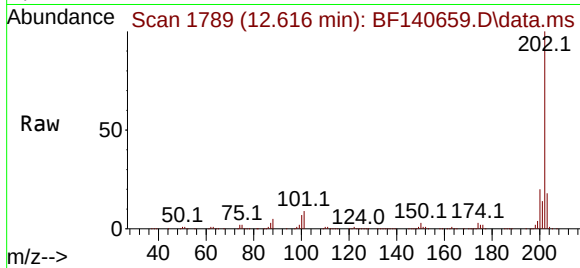




#75
Fluoranthene
Concen: 50.652 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

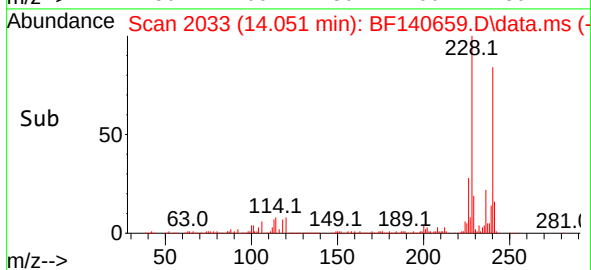
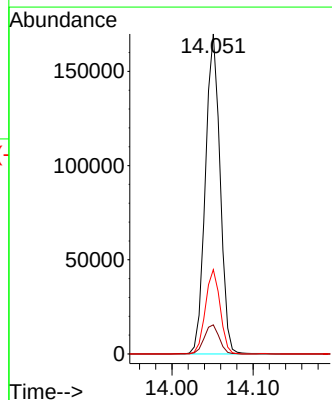
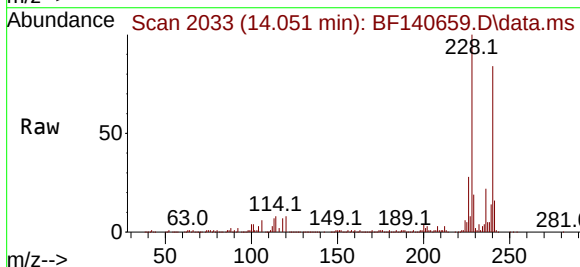
Instrument :
BNA_F
ClientSampleId :
PB165144BS

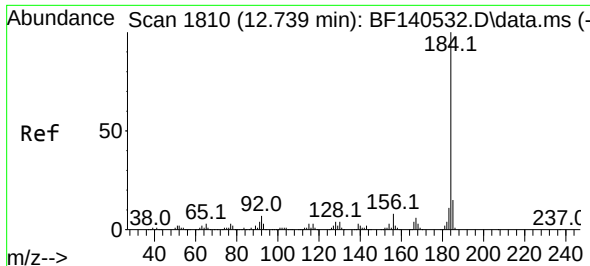
Tgt Ion:202 Resp: 893626
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.9
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:240 Resp: 213188
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 26.4 20.6 31.0

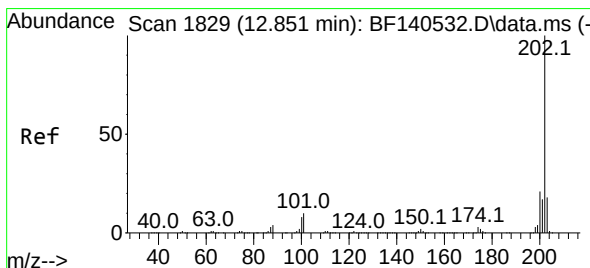
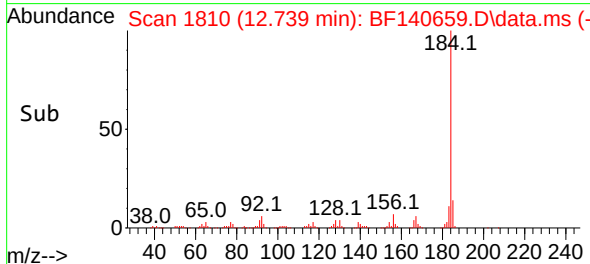
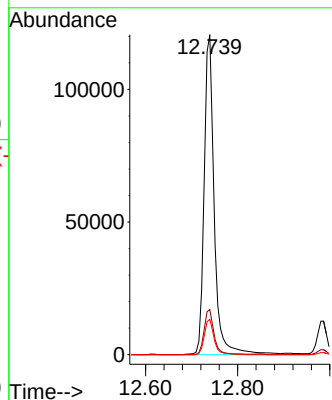
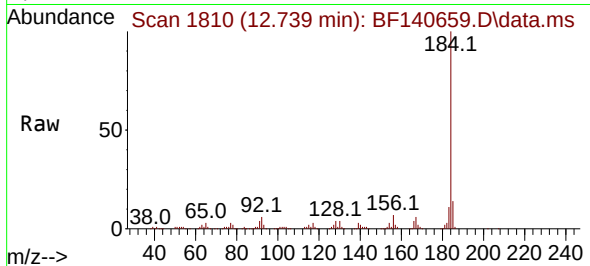




#77
Benzidine
Concen: 29.814 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

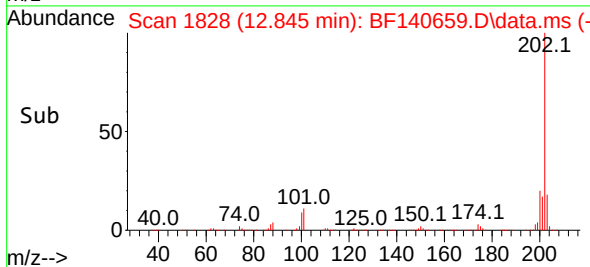
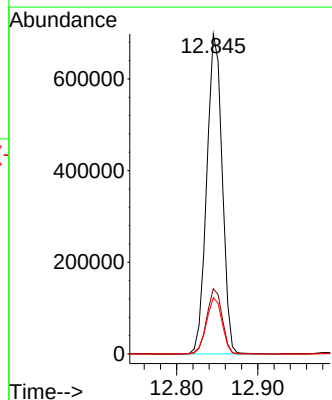
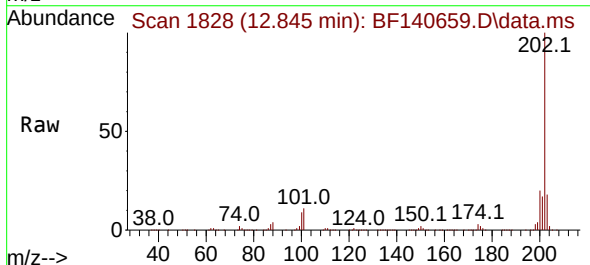
Instrument :
BNA_F
ClientSampleId :
PB165144BS

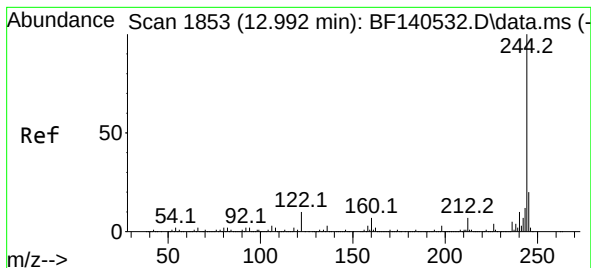
Tgt Ion:184 Resp: 184796
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 11.1 8.8 13.2



#78
Pyrene
Concen: 46.686 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:202 Resp: 920263
Ion Ratio Lower Upper
202 100
200 20.4 16.5 24.7
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 91.753 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

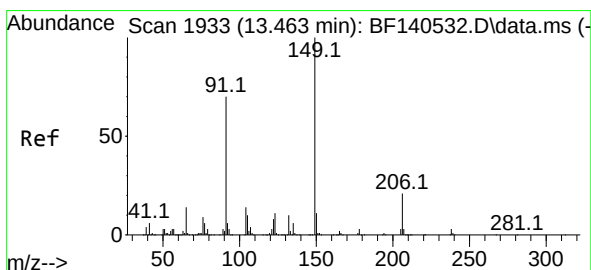
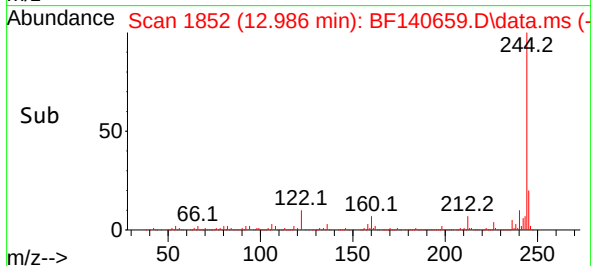
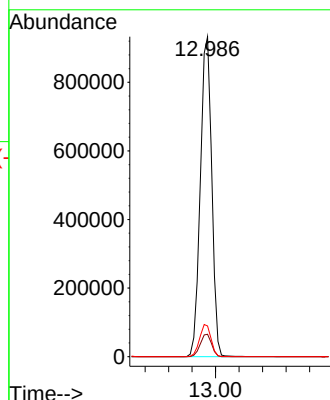
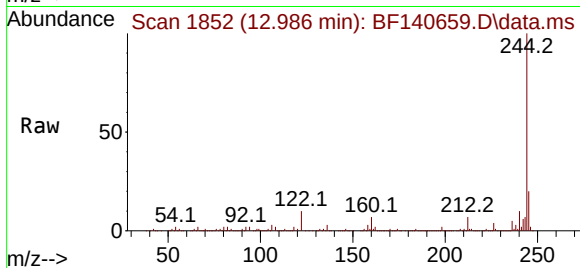
Tgt Ion:244 Resp: 1256199

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.6 8.0 12.0



#80

Butylbenzylphthalate

Concen: 48.577 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

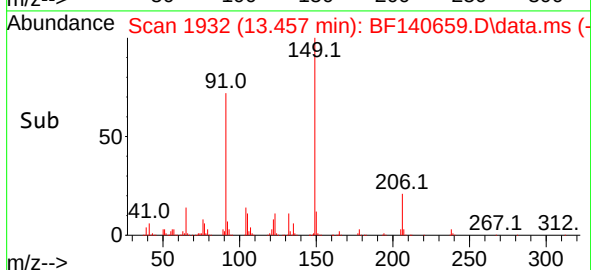
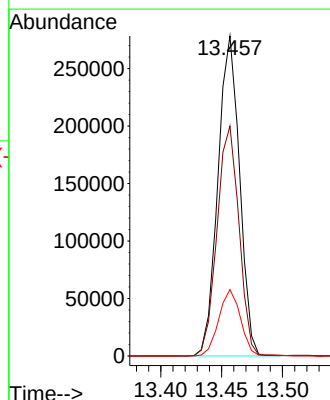
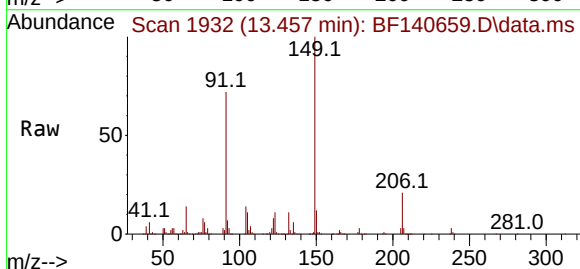
Tgt Ion:149 Resp: 344945

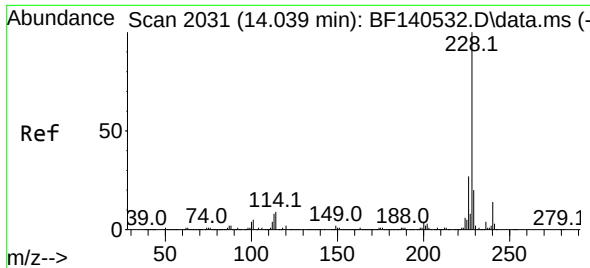
Ion Ratio Lower Upper

149 100

91 71.9 56.2 84.2

206 20.7 16.4 24.6

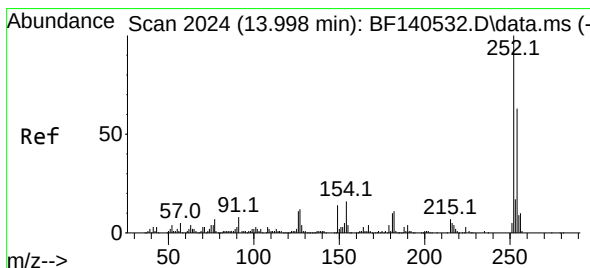
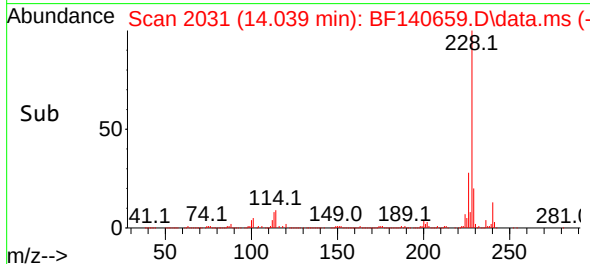
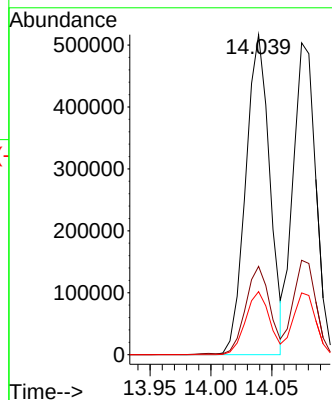
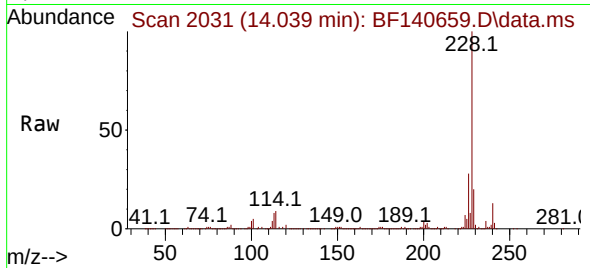




#81
Benzo(a)anthracene
Concen: 50.479 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

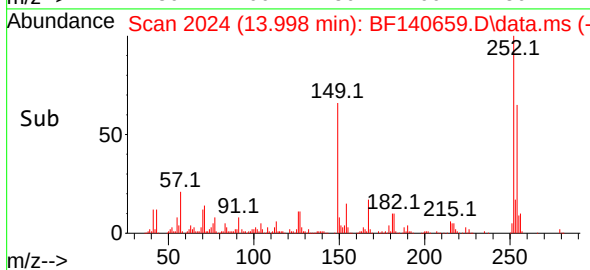
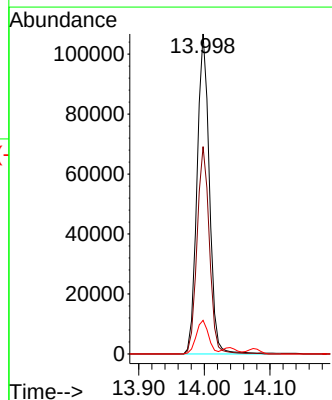
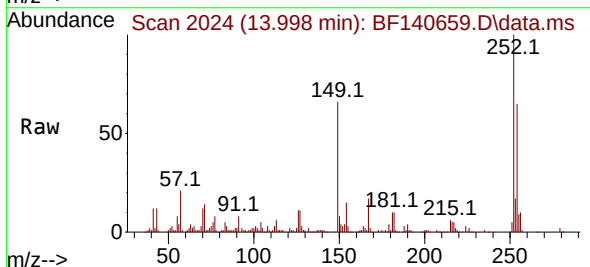
Instrument :
BNA_F
ClientSampleId :
PB165144BS

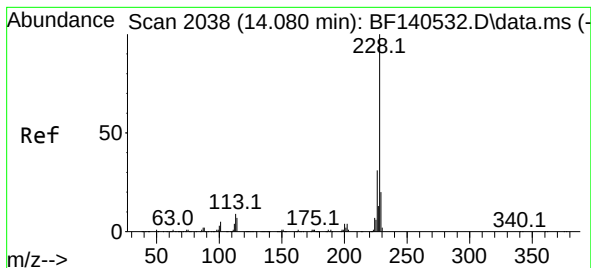
Tgt Ion:228 Resp: 712365
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 33.025 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:252 Resp: 139928
Ion Ratio Lower Upper
252 100
254 64.8 50.8 76.2
126 10.5 8.6 13.0





#83

Chrysene

Concen: 50.856 ng

RT: 14.075 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

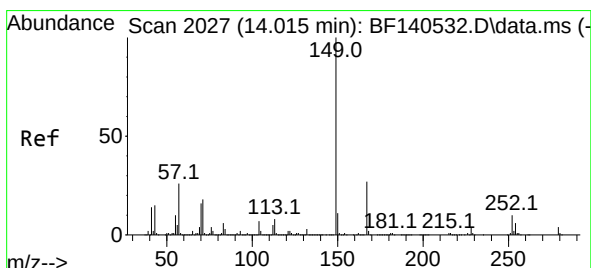
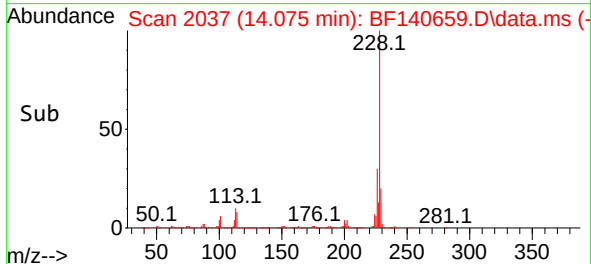
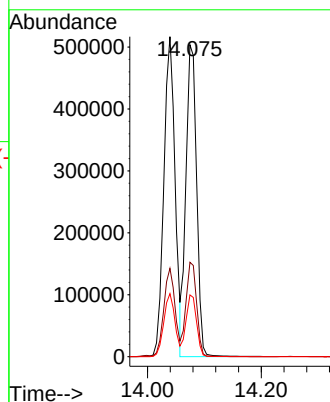
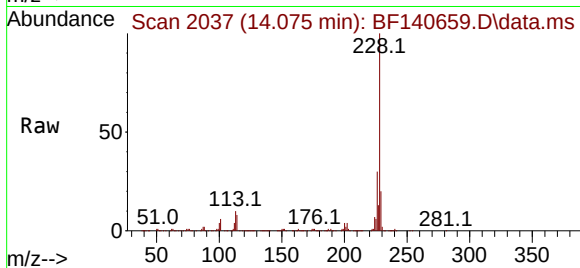
Tgt Ion:228 Resp: 656248

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.791 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

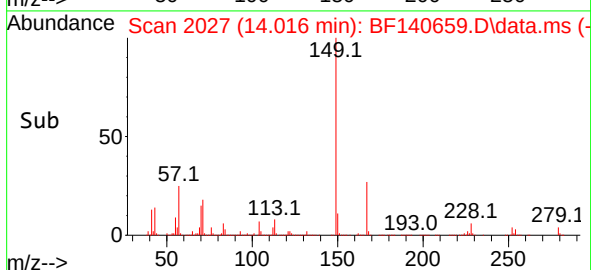
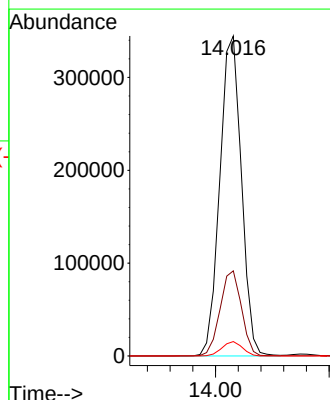
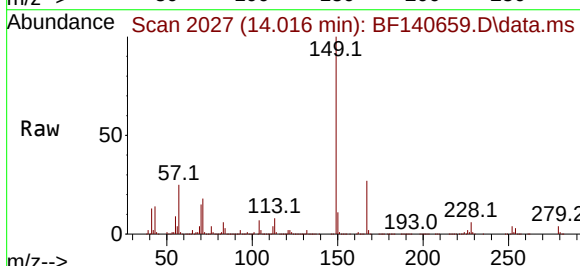
Tgt Ion:149 Resp: 455416

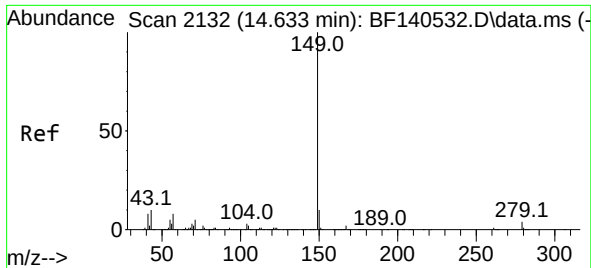
Ion Ratio Lower Upper

149 100

167 26.6 21.2 31.8

279 4.5 3.2 4.8

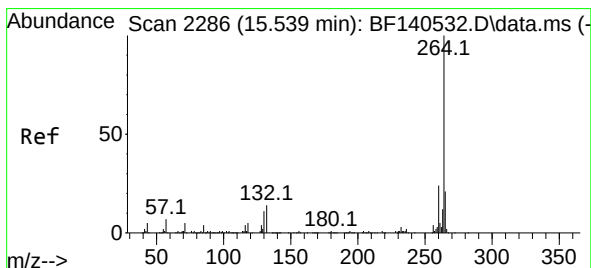
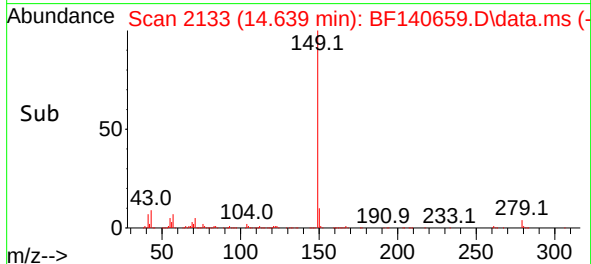
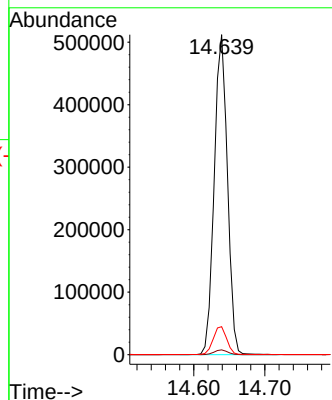
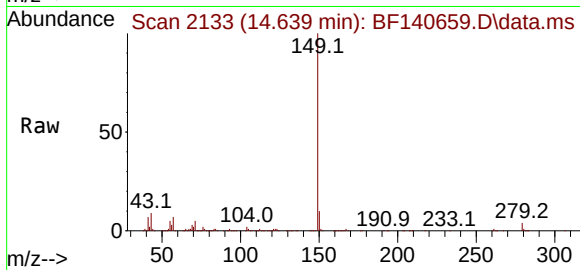




#85
Di-n-octyl phthalate
Concen: 53.817 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

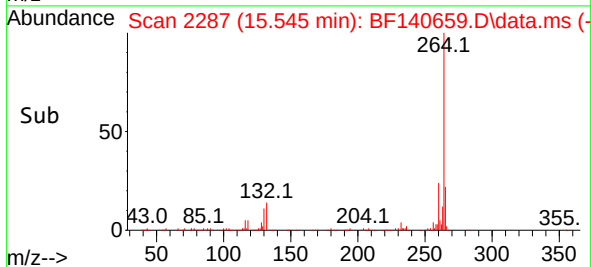
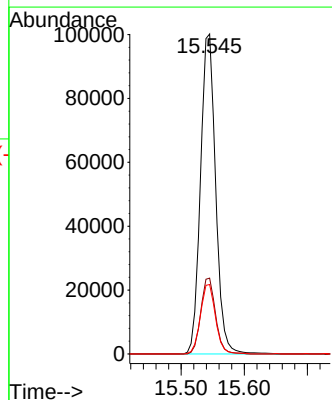
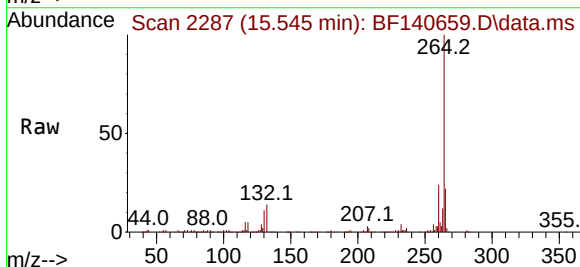
Instrument :
BNA_F
ClientSampleId :
PB165144BS

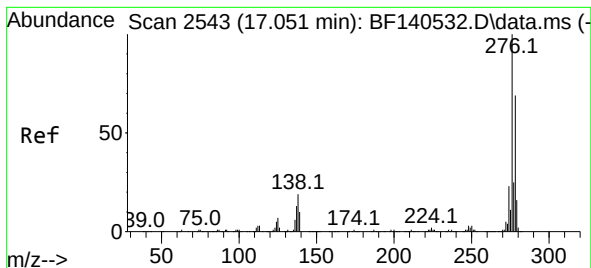
Tgt Ion:149 Resp: 659465
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.9 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:264 Resp: 167110
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.387 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

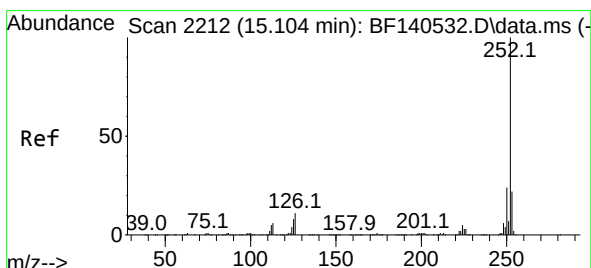
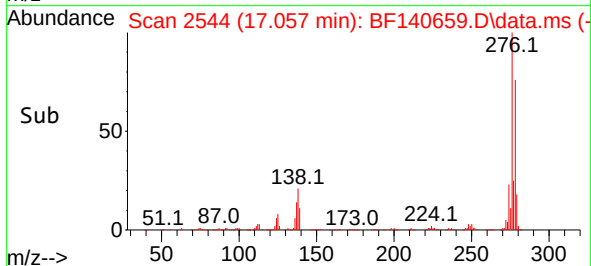
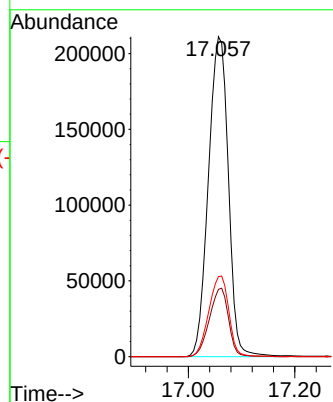
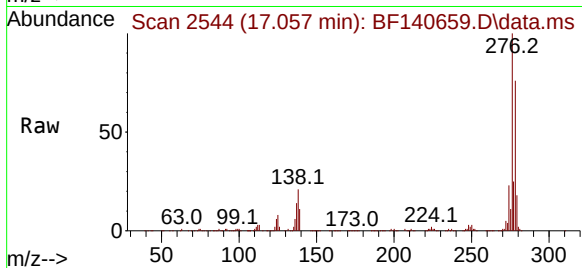
Tgt Ion:276 Resp: 548733

Ion Ratio Lower Upper

276 100

138 20.6 15.5 23.3

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 50.989 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

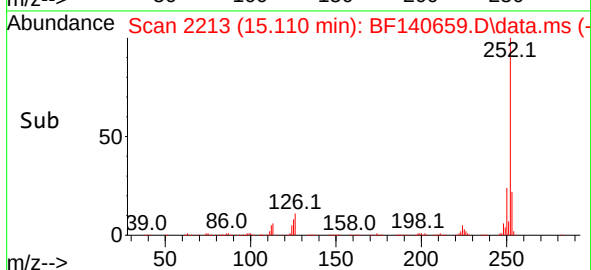
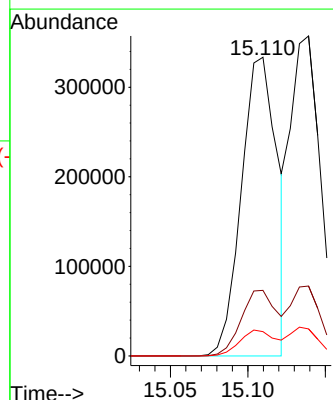
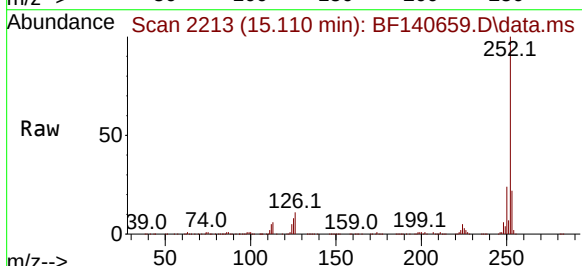
Tgt Ion:252 Resp: 535206

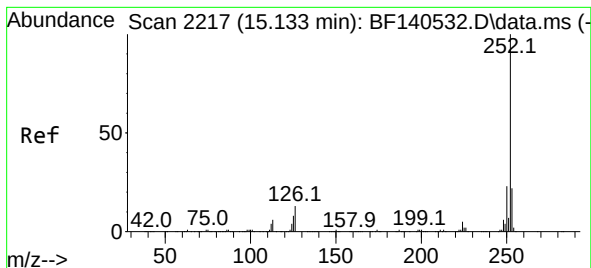
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 8.2 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 52.758 ng

RT: 15.139 min Scan# 2217

Delta R.T. 0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

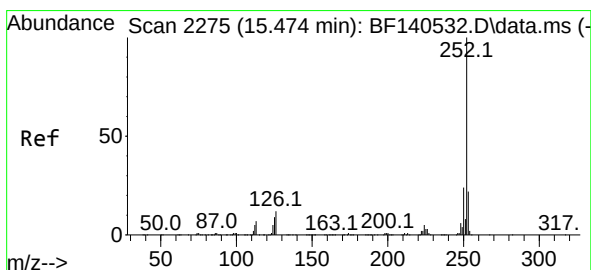
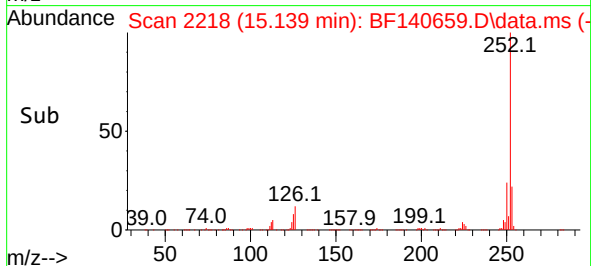
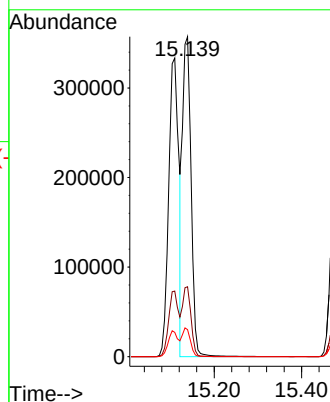
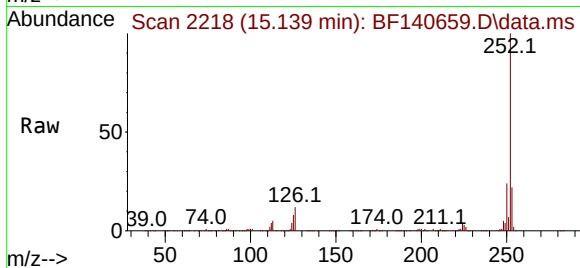
Tgt Ion:252 Resp: 484597

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.5 6.5 9.7



#90

Benzo(a)pyrene

Concen: 54.819 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

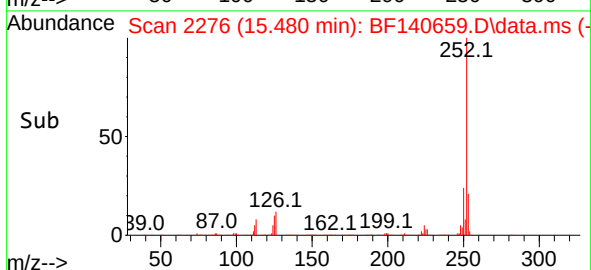
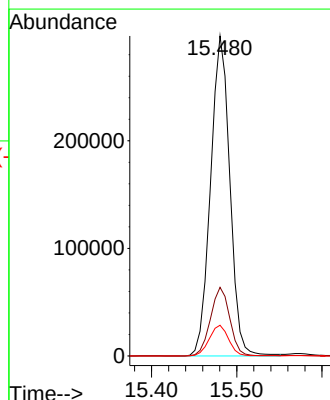
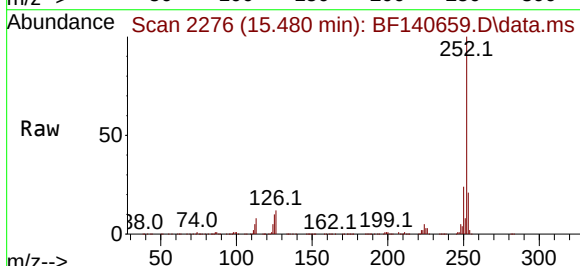
Tgt Ion:252 Resp: 467848

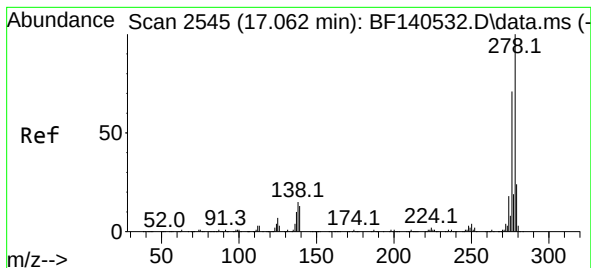
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 9.6 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 50.463 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

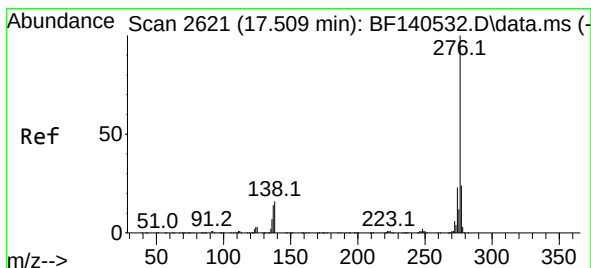
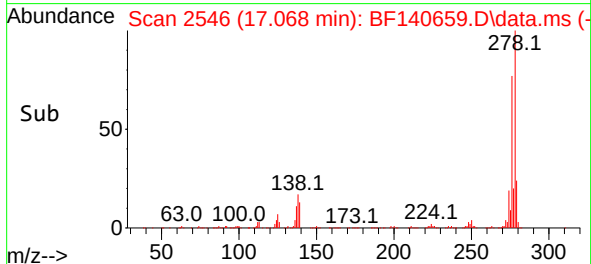
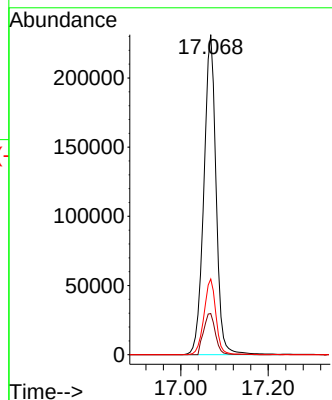
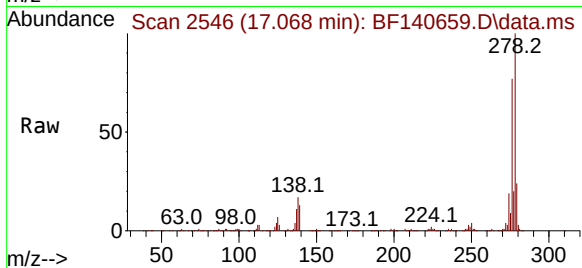
Tgt Ion:278 Resp: 450067

Ion Ratio Lower Upper

278 100

139 12.8 10.2 15.4

279 23.7 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 46.514 ng

RT: 17.510 min Scan# 2621

Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Tgt Ion:276 Resp: 423327

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 17.7 13.2 19.8

