

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
 Data File : BF141699.D
 Acq On : 20 Feb 2025 13:03
 Operator : RC/JU
 Sample : PB166776BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166776BS

Quant Time: Feb 20 13:27:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	87175	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	332694	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	173693	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	269657	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	173634	20.000	ng	-0.02
86) Perylene-d12	15.380	264	176994	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	725311	130.439	ng	0.00
7) Phenol-d6	6.428	99	867946	123.497	ng	-0.01
23) Nitrobenzene-d5	7.345	82	564292	88.467	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	221575	126.990	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	1060752	94.088	ng	-0.02
79) Terphenyl-d14	12.880	244	988676	96.125	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	94420	42.190	ng	97
3) Pyridine	3.310	79	218595	41.046	ng	94
4) n-Nitrosodimethylamine	3.257	42	138147	39.176	ng	91
6) Aniline	6.445	93	222770	33.791	ng	90
8) 2-Chlorophenol	6.569	128	261379	43.502	ng	99
9) Benzaldehyde	6.334	77	115962	31.050	ng	95
10) Phenol	6.440	94	305550	41.771	ng	95
11) bis(2-Chloroethyl)ether	6.516	93	242719	44.177	ng	100
12) 1,3-Dichlorobenzene	6.722	146	277228	43.705	ng	97
13) 1,4-Dichlorobenzene	6.798	146	280508	43.282	ng	99
14) 1,2-Dichlorobenzene	6.951	146	267644	44.496	ng	99
15) Benzyl Alcohol	6.928	79	216278	40.130	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	376314	40.012	ng	81
17) 2-Methylphenol	7.045	107	200728	42.691	ng	97
18) Hexachloroethane	7.287	117	104391	43.523	ng	99
19) n-Nitroso-di-n-propyla...	7.192	70	175045	41.639	ng	95
20) 3+4-Methylphenols	7.198	107	257675	43.122	ng	92
22) Acetophenone	7.192	105	396112	47.863	ng	95
24) Nitrobenzene	7.363	77	268663	43.194	ng	100
25) Isophorone	7.604	82	469107	46.125	ng	99
26) 2-Nitrophenol	7.681	139	135380	43.749	ng	95
27) 2,4-Dimethylphenol	7.722	122	203384	56.260	ng	99
28) bis(2-Chloroethoxy)met...	7.810	93	290525	44.579	ng	99
29) 2,4-Dichlorophenol	7.928	162	213890	43.790	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	234145	44.020	ng	99
31) Naphthalene	8.081	128	737197	42.568	ng	100
32) Benzoic acid	7.863	122	130743	34.818	ng	99
33) 4-Chloroaniline	8.139	127	72372	11.970	ng	98
34) Hexachlorobutadiene	8.198	225	141446	44.296	ng	99
35) Caprolactam	8.545	113	21162	14.230	ng	91
36) 4-Chloro-3-methylphenol	8.628	107	225834	41.740	ng	100
37) 2-Methylnaphthalene	8.775	142	463695	41.146	ng	100
38) 1-Methylnaphthalene	8.875	142	452758	41.481	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	251455	50.039	ng	99
41) Hexachlorocyclopentadiene	8.922	237	229243	137.156	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	144254	44.416	ng	100

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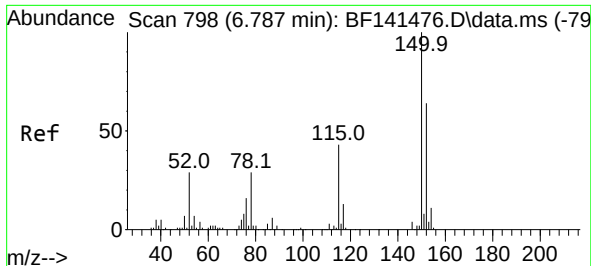
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	152557	43.341	ng	97
46) 1,1'-Biphenyl	9.239	154	660188	49.026	ng	100
47) 2-Chloronaphthalene	9.263	162	452576	45.450	ng	98
48) 2-Nitroaniline	9.363	65	142181	42.546	ng	97
49) Acenaphthylene	9.675	152	683006	46.115	ng	100
50) Dimethylphthalate	9.539	163	524971	44.521	ng	100
51) 2,6-Dinitrotoluene	9.604	165	115137	44.666	ng	97
52) Acenaphthene	9.845	154	429158	43.100	ng	100
53) 3-Nitroaniline	9.775	138	63575	22.915	ng	96
54) 2,4-Dinitrophenol	9.892	184	111864	73.018	ng	88
55) Dibenzofuran	10.022	168	607831	41.588	ng	99
56) 4-Nitrophenol	9.951	139	148950	72.322	ng	97
57) 2,4-Dinitrotoluene	10.010	165	150374	43.821	ng	99
58) Fluorene	10.363	166	479871	42.464	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	127160	41.961	ng	95
60) Diethylphthalate	10.239	149	494002	42.581	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	238542	43.877	ng	97
62) 4-Nitroaniline	10.392	138	105249	37.360	ng	97
63) Azobenzene	10.516	77	470068	40.757	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	73351	39.159	ng	94
66) n-Nitrosodiphenylamine	10.475	169	416264	48.223	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	144158	47.833	ng	100
68) Hexachlorobenzene	10.910	284	151735	48.894	ng	99
69) Atrazine	11.004	200	152819	59.012	ng	99
70) Pentachlorophenol	11.110	266	135174	68.120	ng	99
71) Phenanthrene	11.322	178	682726	45.995	ng	100
72) Anthracene	11.375	178	697815	46.767	ng	99
73) Carbazole	11.533	167	574394	42.782	ng	99
74) Di-n-butylphthalate	11.863	149	693026	44.704	ng	100
75) Fluoranthene	12.510	202	649928	41.300	ng	100
77) Benzidine	12.639	184	172502	45.047	ng	99
78) Pyrene	12.739	202	639725	43.280	ng	99
80) Butylbenzylphthalate	13.357	149	234796	45.861	ng	98
81) Benzo(a)anthracene	13.927	228	516958	44.789	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	116901	35.357	ng	100
83) Chrysene	13.963	228	481985	45.226	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	303987	52.646	ng	100
85) Di-n-octyl phthalate	14.527	149	484777	58.851	ng	97
87) Indeno(1,2,3-cd)pyrene	16.809	276	534394	48.864	ng	99
88) Benzo(b)fluoranthene	14.963	252	480528	40.434	ng	99
89) Benzo(k)fluoranthene	14.992	252	475753	46.881	ng	99
90) Benzo(a)pyrene	15.315	252	463704	48.220	ng	98
91) Dibenzo(a,h)anthracene	16.821	278	429886	48.511	ng	99
92) Benzo(g,h,i)perylene	17.239	276	412214	44.452	ng	99

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

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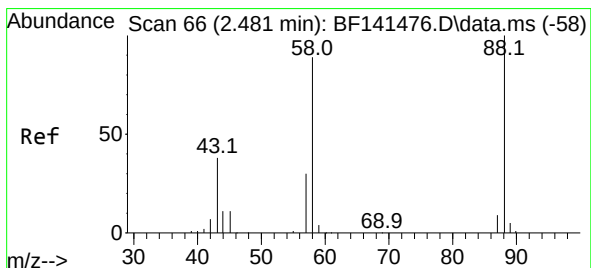
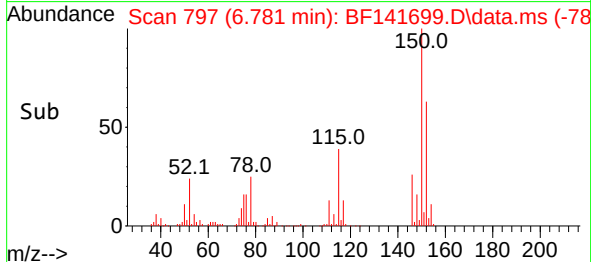
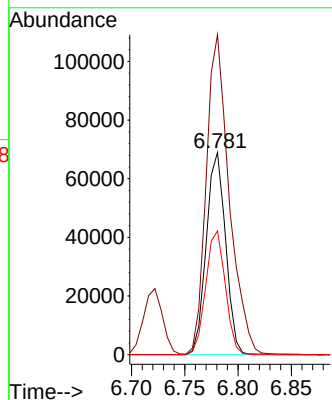
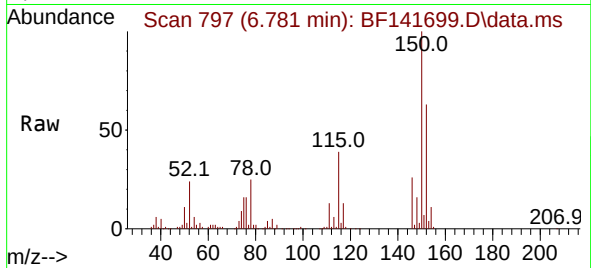




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141699.D
 Acq: 20 Feb 2025 13:03

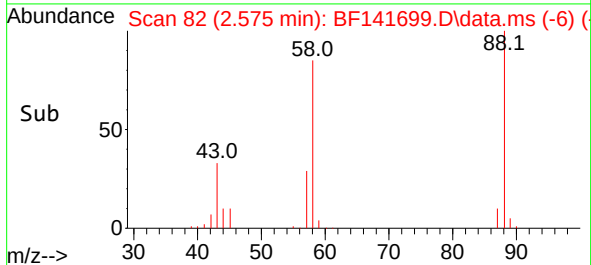
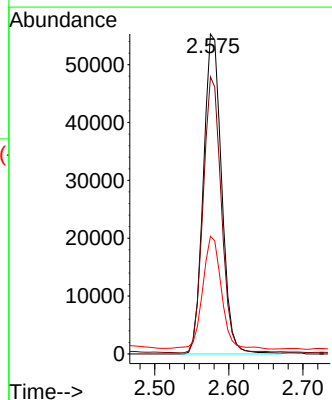
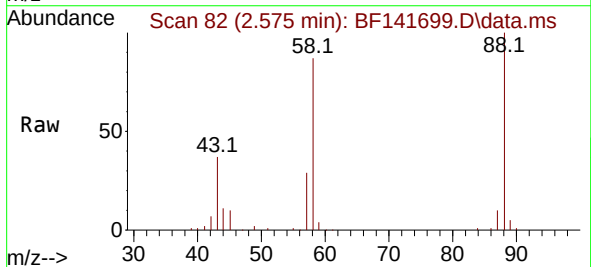
Instrument :
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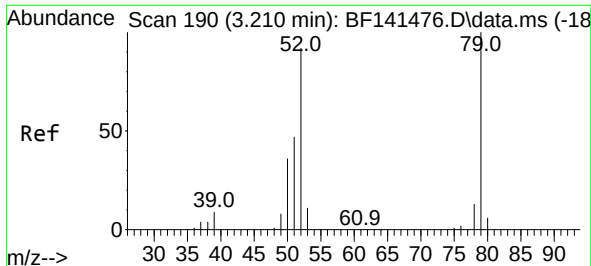
Tgt Ion:152 Resp: 87175
 Ion Ratio Lower Upper
 152 100
 150 158.3 125.0 187.4
 115 61.2 53.6 80.4



#2
 1,4-Dioxane
 Concen: 42.190 ng
 RT: 2.575 min Scan# 82
 Delta R.T. 0.094 min
 Lab File: BF141699.D
 Acq: 20 Feb 2025 13:03

Tgt Ion: 88 Resp: 94420
 Ion Ratio Lower Upper
 88 100
 58 86.5 71.1 106.7
 43 36.3 30.6 46.0





#3

Pyridine

Concen: 41.046 ng

RT: 3.310 min Scan# 20

Delta R.T. 0.094 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

Tgt Ion: 79 Resp: 218595

Ion Ratio Lower Upper

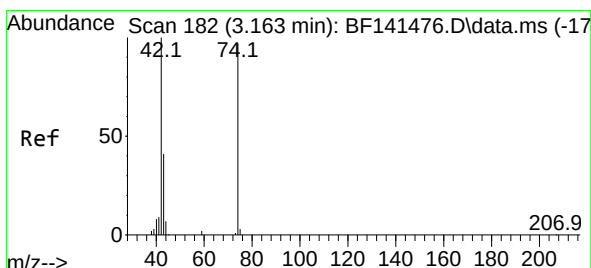
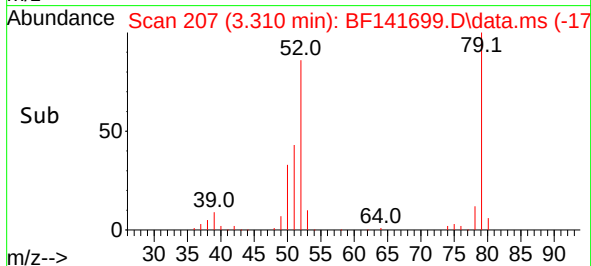
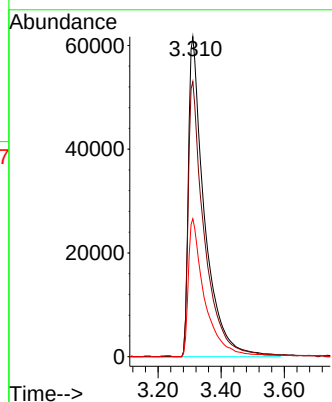
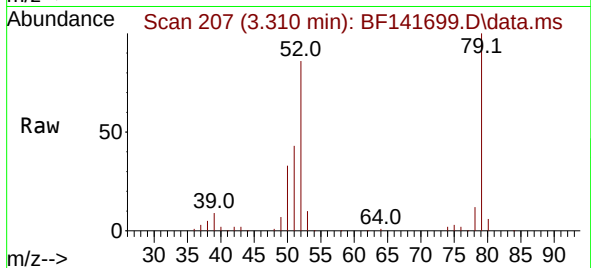
79 100

52 86.0

51 43.1

73.7 110.5

37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 39.176 ng

RT: 3.257 min Scan# 198

Delta R.T. 0.071 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Tgt Ion: 42 Resp: 138147

Ion Ratio Lower Upper

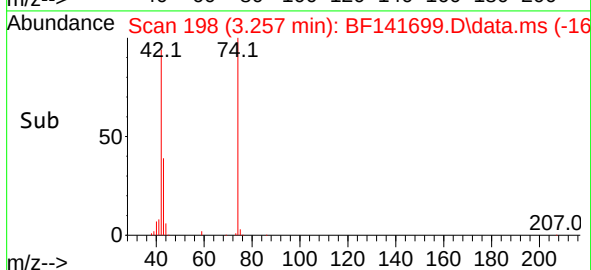
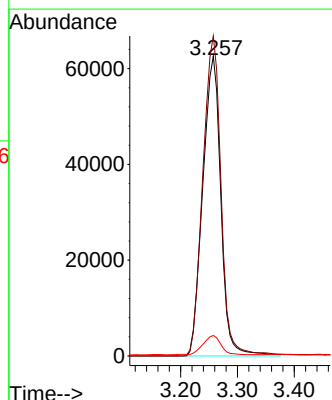
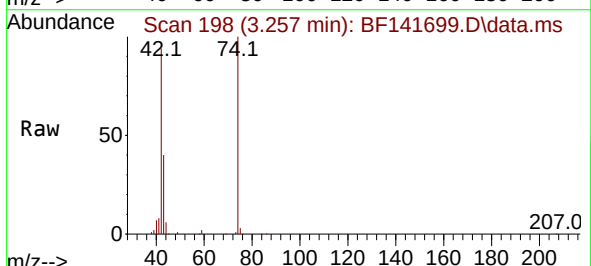
42 100

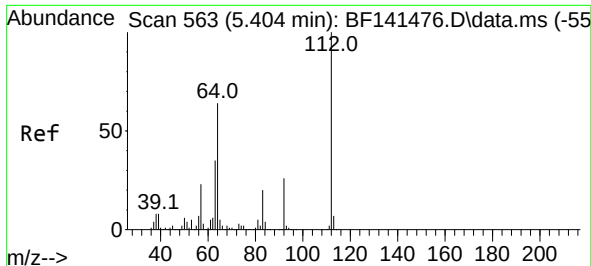
74 106.7

44 6.8

78.0 117.0

5.4 8.2

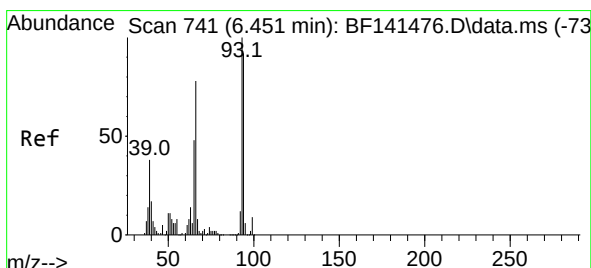
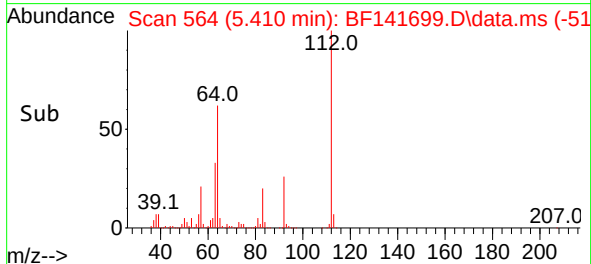
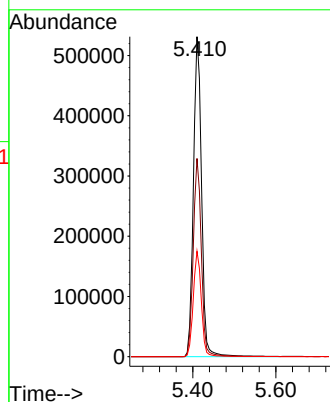
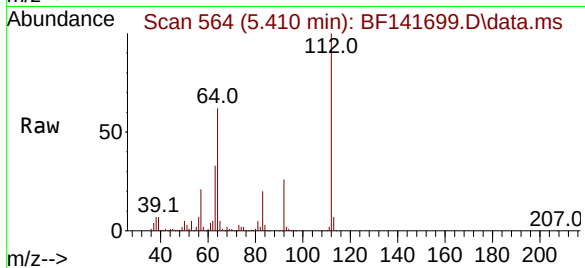




#5
2-Fluorophenol
Concen: 130.439 ng
RT: 5.410 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

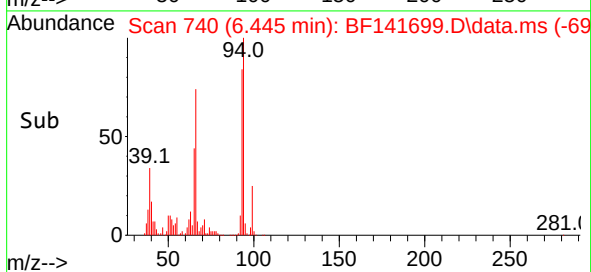
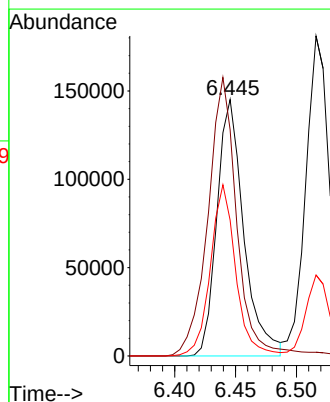
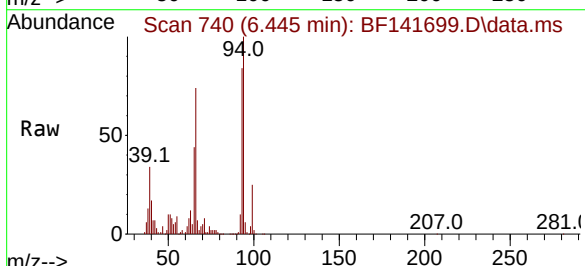
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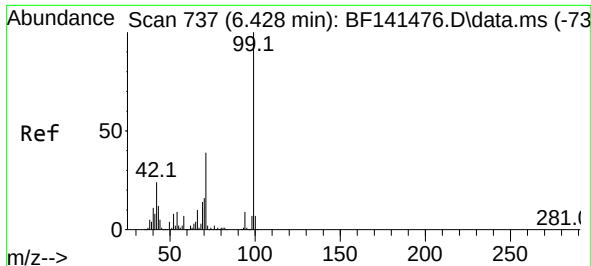
Tgt Ion:112 Resp: 725311
Ion Ratio Lower Upper
112 100
64 62.0 51.1 76.7
63 33.0 28.4 42.6



#6
Aniline
Concen: 33.791 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion: 93 Resp: 222770
Ion Ratio Lower Upper
93 100
66 88.2 62.6 94.0
65 52.9 38.3 57.5





#7

Phenol-d6

Concen: 123.497 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

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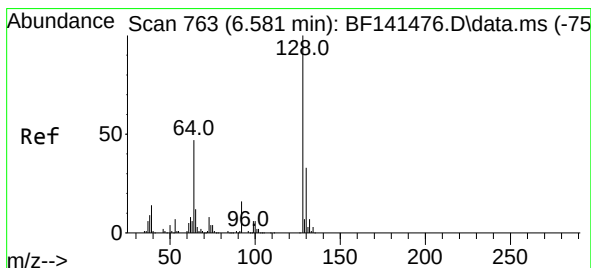
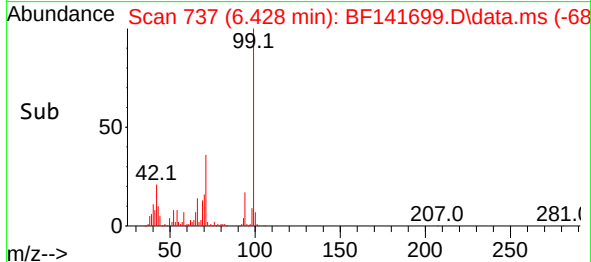
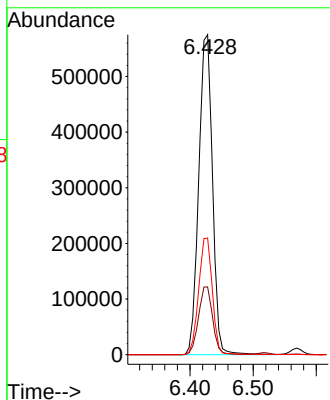
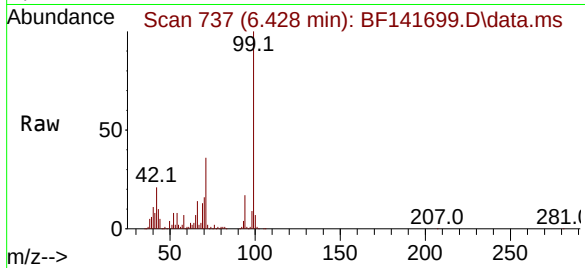
Tgt Ion: 99 Resp: 867946

Ion Ratio Lower Upper

99 100

42 21.2 19.1 28.7

71 36.5 31.1 46.7



#8

2-Chlorophenol

Concen: 43.502 ng

RT: 6.569 min Scan# 761

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

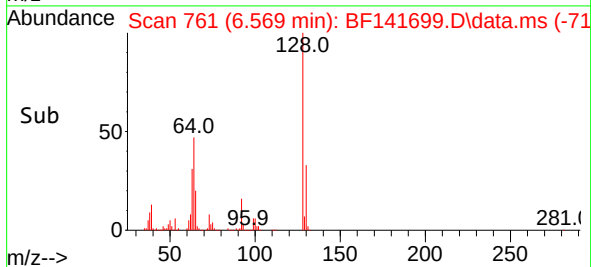
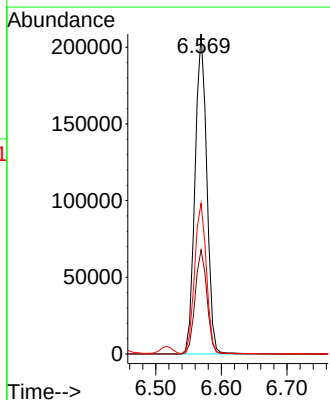
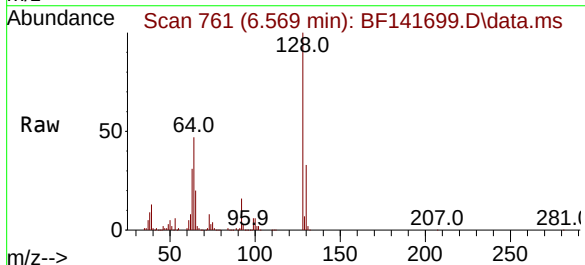
Tgt Ion: 128 Resp: 261379

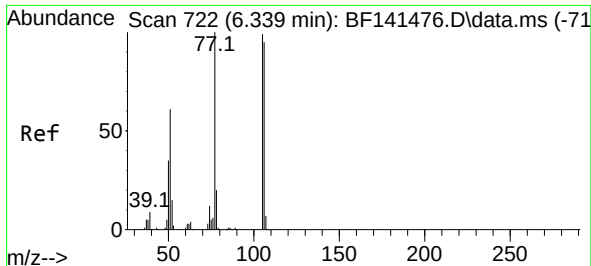
Ion Ratio Lower Upper

128 100

130 32.5 12.7 52.7

64 47.1 28.3 68.3

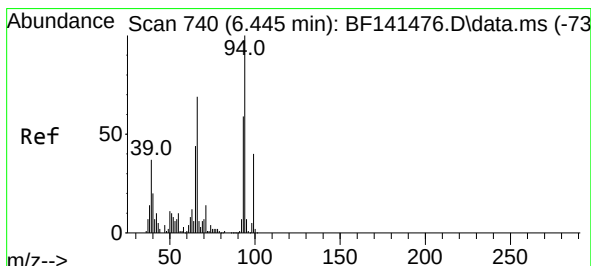
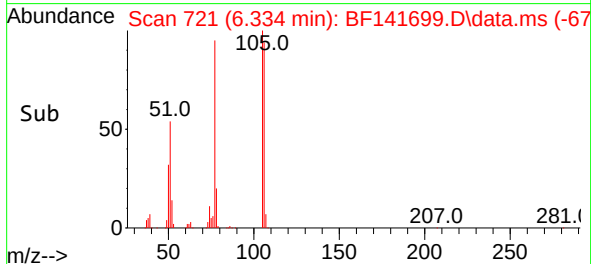
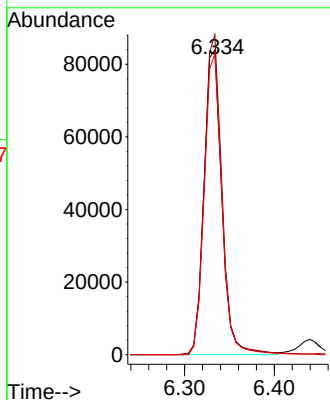
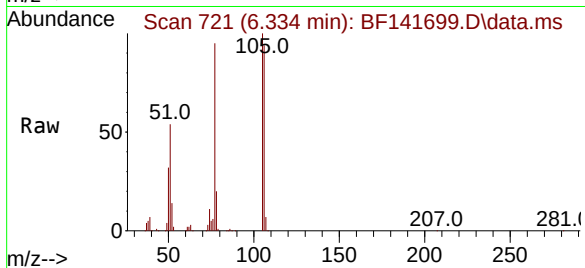




#9
Benzaldehyde
Concen: 31.050 ng
RT: 6.334 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

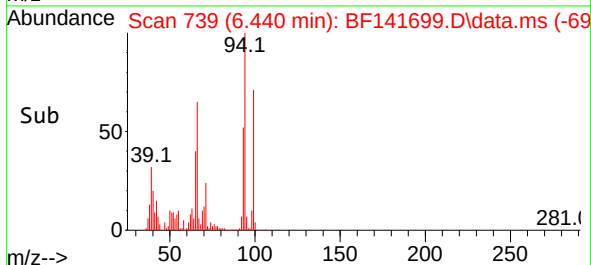
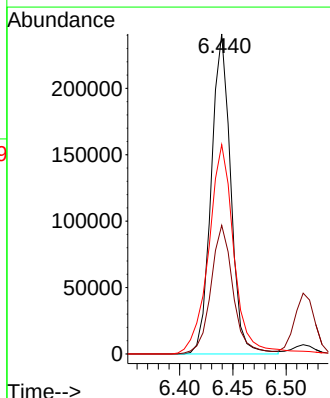
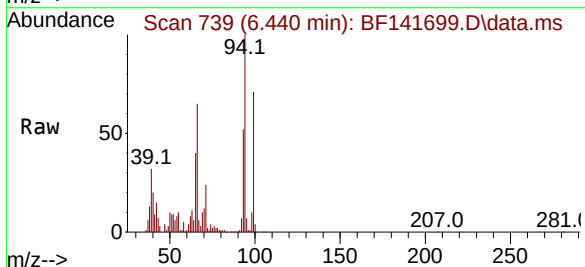
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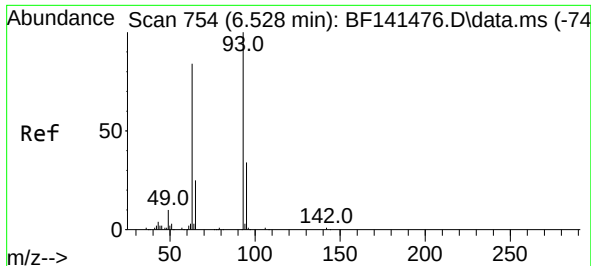
Tgt Ion: 77 Resp: 115962
Ion Ratio Lower Upper
77 100
105 105.0 79.4 119.4
106 98.8 75.1 115.1



#10
Phenol
Concen: 41.771 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion: 94 Resp: 305550
Ion Ratio Lower Upper
94 100
65 40.2 23.7 63.7
66 65.4 49.3 89.3





#11

bis(2-Chloroethyl)ether

Concen: 44.177 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

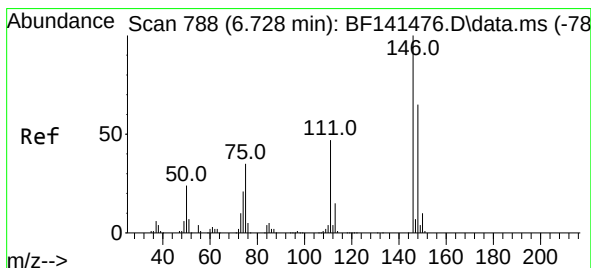
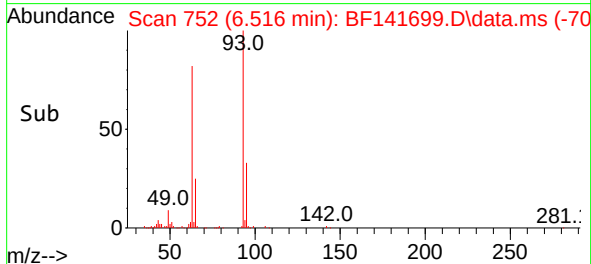
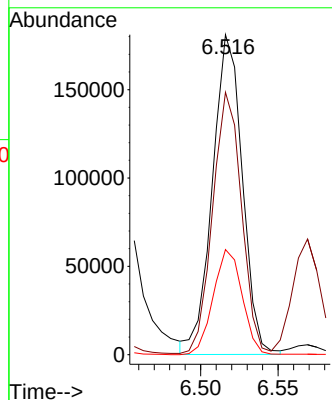
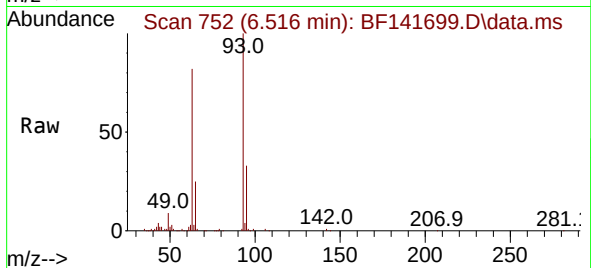
Tgt Ion: 93 Resp: 242719

Ion Ratio Lower Upper

93 100

63 82.0 62.0 102.0

95 32.9 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 43.705 ng

RT: 6.722 min Scan# 787

Delta R.T. -0.012 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

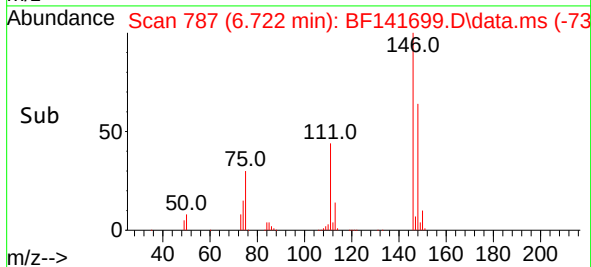
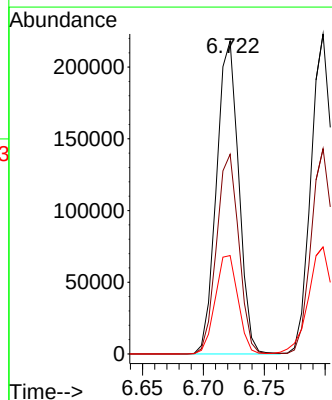
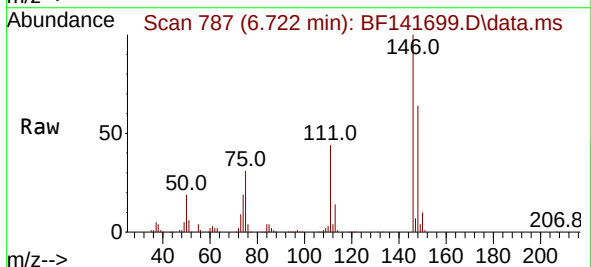
Tgt Ion:146 Resp: 277228

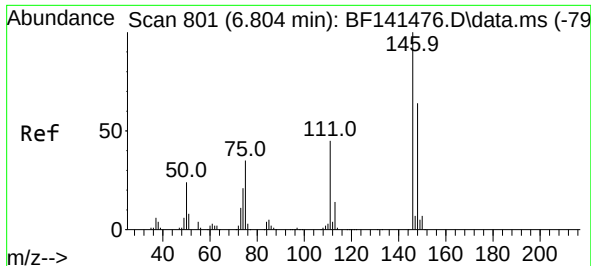
Ion Ratio Lower Upper

146 100

148 63.8 51.9 77.9

75 31.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 43.282 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

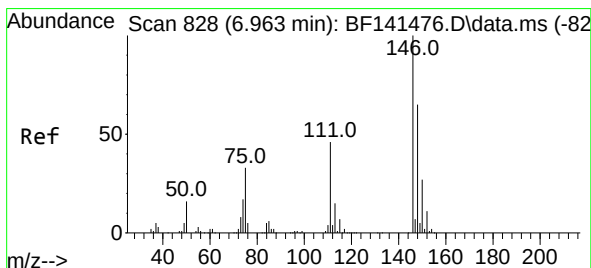
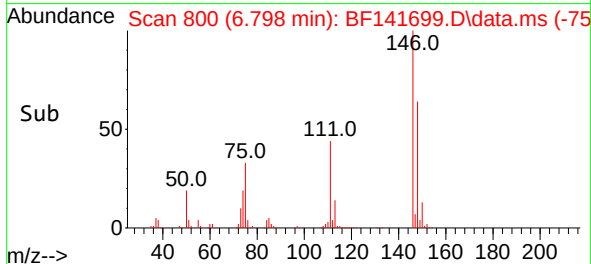
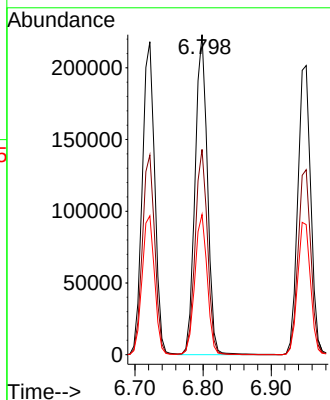
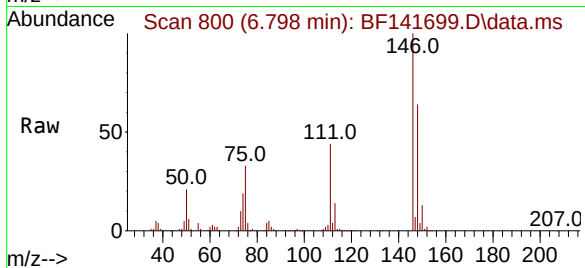
Tgt Ion:146 Resp: 280508

Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

111 43.8 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 44.496 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

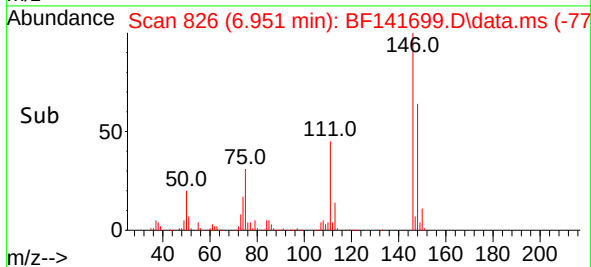
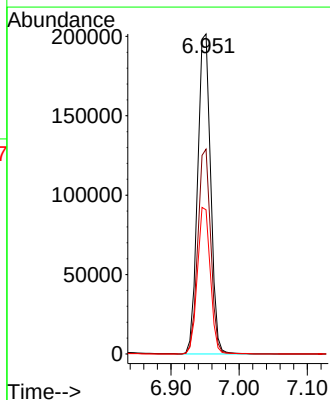
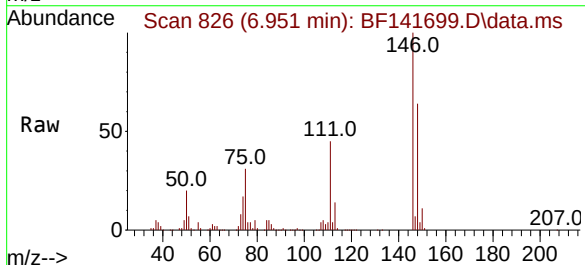
Tgt Ion:146 Resp: 267644

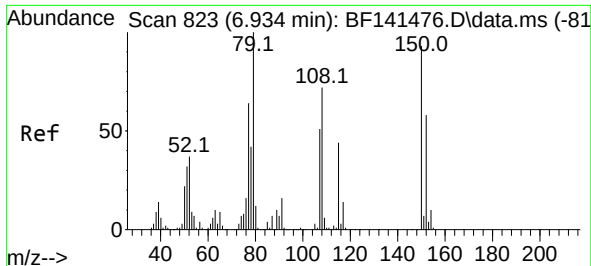
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

111 45.0 37.0 55.4

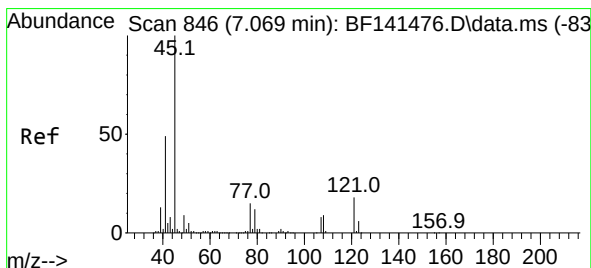
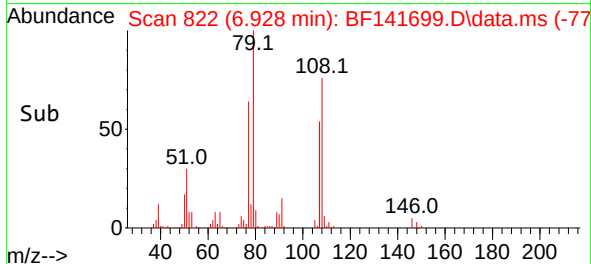
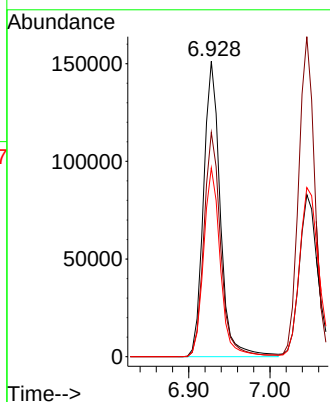
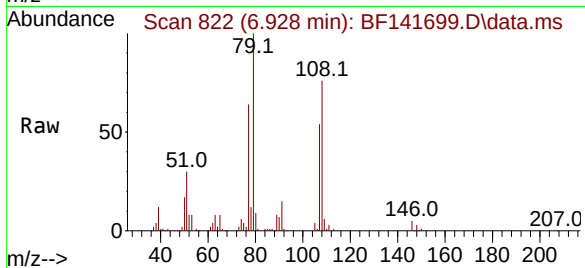




#15
Benzyl Alcohol
Concen: 40.130 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

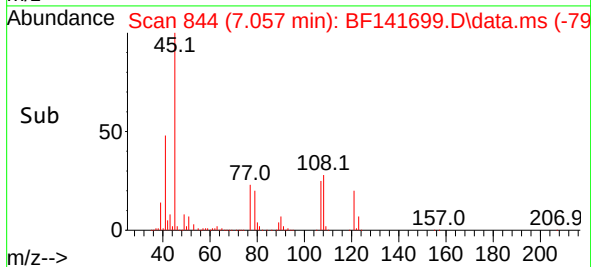
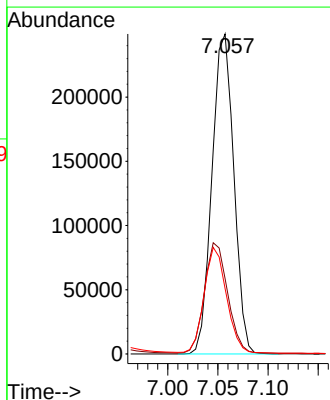
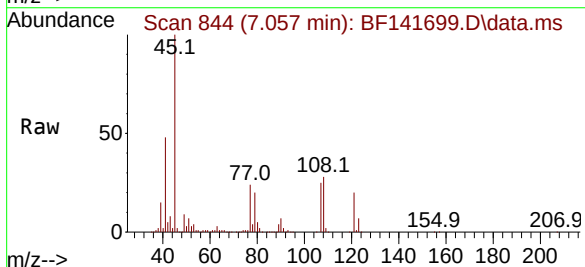
Instrument :
BNA_F
ClientSampleId :
PB166776BS

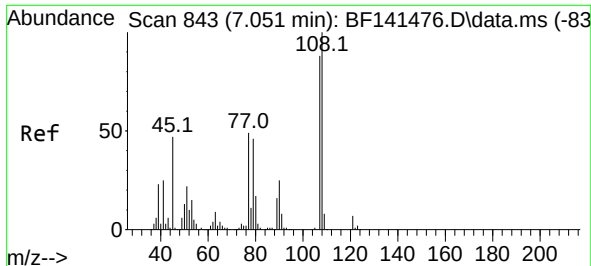
Tgt Ion: 79 Resp: 216278
Ion Ratio Lower Upper
79 100
108 75.9 57.4 86.2
77 63.9 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.012 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

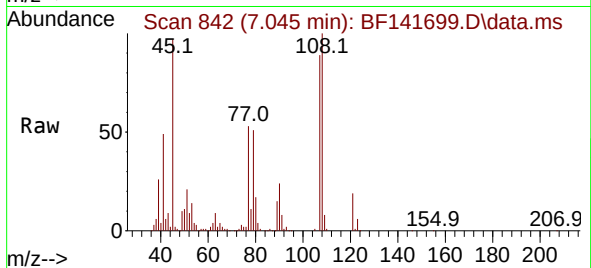
Tgt Ion: 45 Resp: 376314
Ion Ratio Lower Upper
45 100
77 23.6 0.0 35.8
79 20.5 0.0 32.7



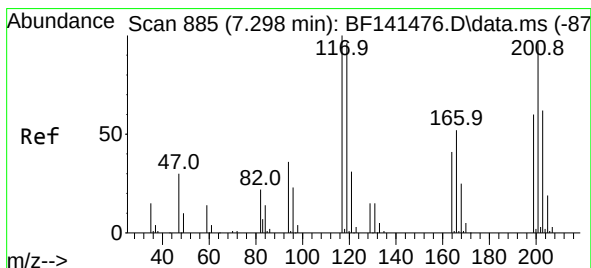
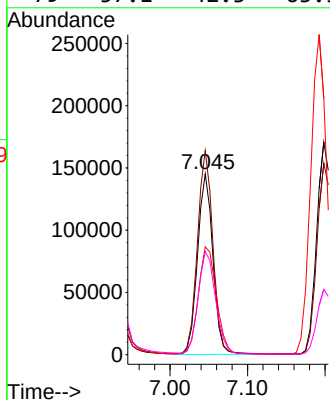
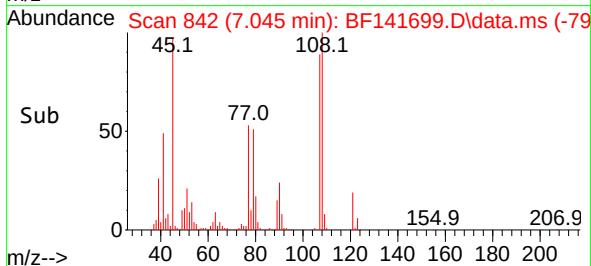


#17
2-Methylphenol
Concen: 42.691 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Instrument :
BNA_F
ClientSampleId :
PB166776BS

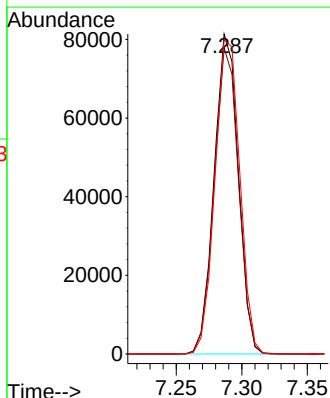
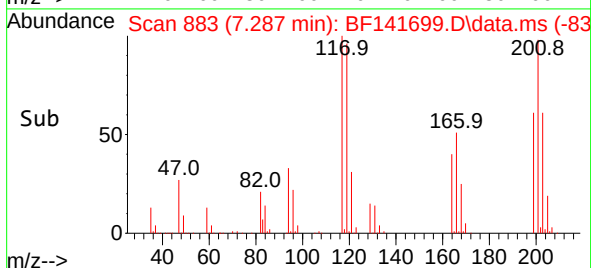
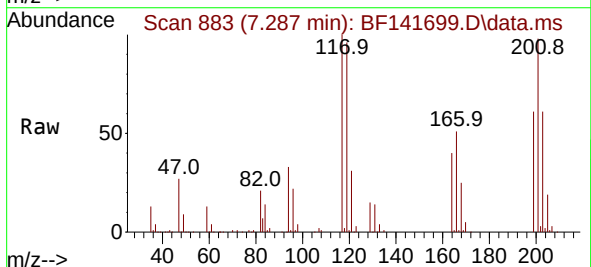


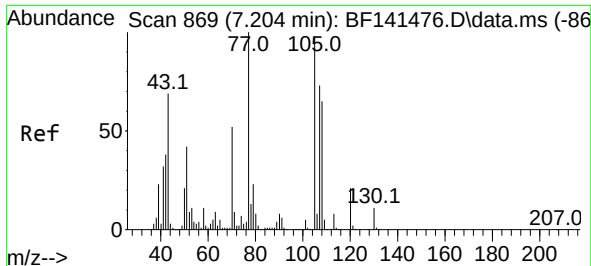
Tgt Ion:	107	Resp:	200728
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.6	136.0
77	59.6	44.4	66.6
79	57.1	42.3	63.5



#18
Hexachloroethane
Concen: 43.523 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:	117	Resp:	104391
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.5	114.7
201	98.1	76.7	115.1

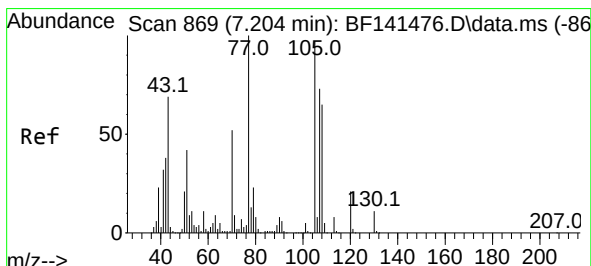
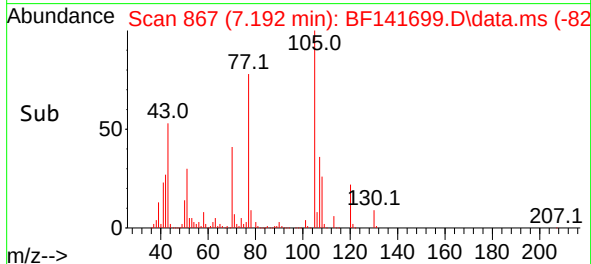
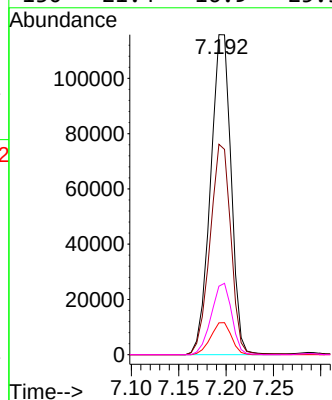
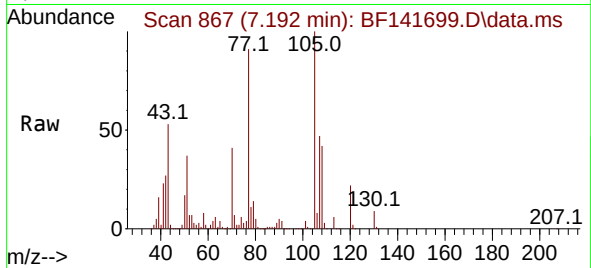




#19
n-Nitroso-di-n-propylamine
Concen: 41.639 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

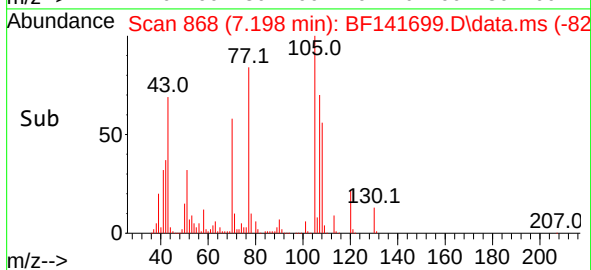
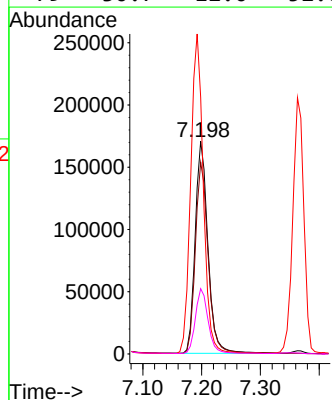
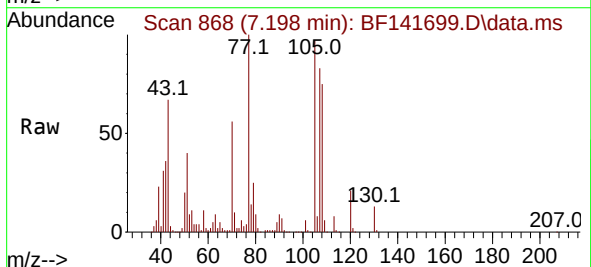
Instrument :
BNA_F
ClientSampleId :
PB166776BS

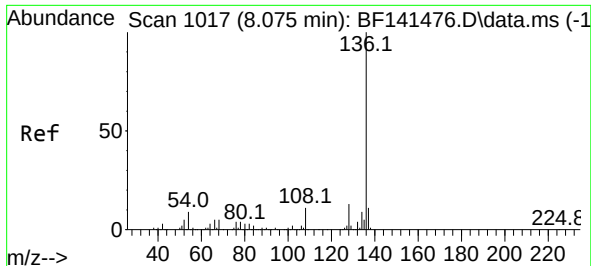
Tgt Ion: 70 Resp: 175045
Ion Ratio Lower Upper
70 100
42 65.7 57.4 86.2
101 9.9 8.0 12.0
130 21.4 16.9 25.3



#20
3+4-Methylphenols
Concen: 43.122 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion: 107 Resp: 257675
Ion Ratio Lower Upper
107 100
108 90.1 68.5 108.5
77 120.7 116.5 156.5
79 30.7 12.0 52.0

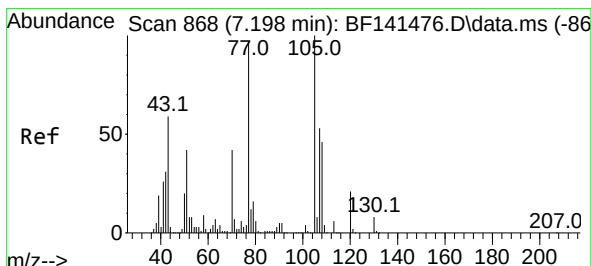
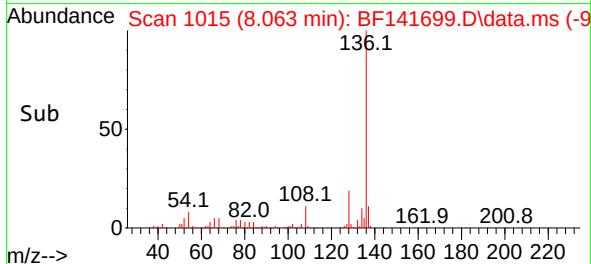
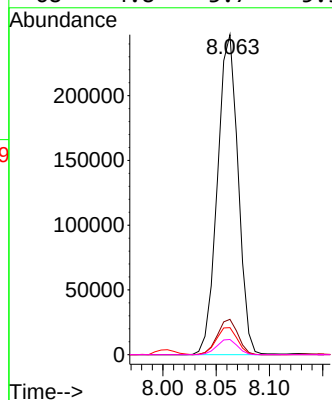
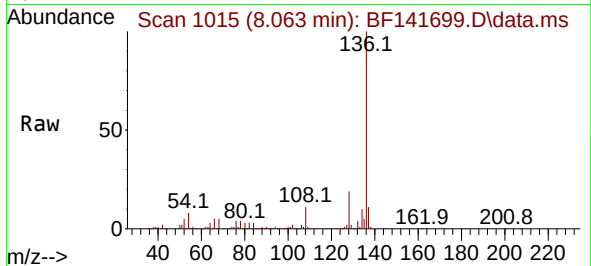




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

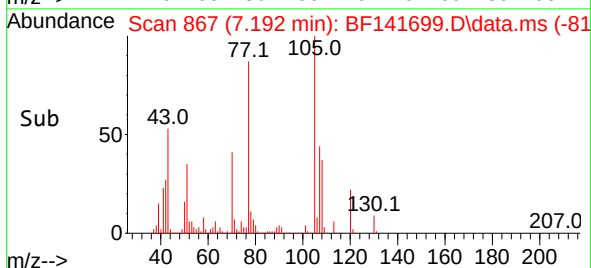
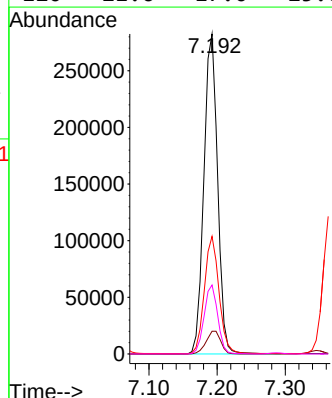
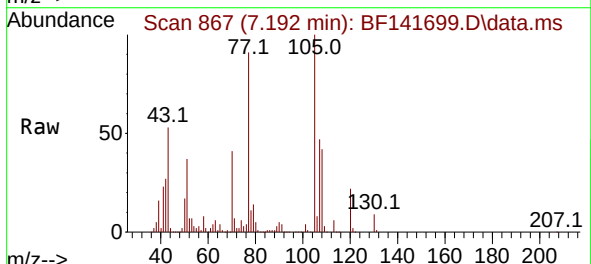
Instrument :
BNA_F
ClientSampleId :
PB166776BS

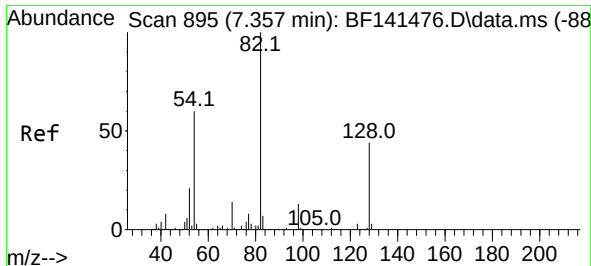
Tgt Ion:	136	Resp:	332694
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.5	7.2	10.8
68	4.8	3.7	5.5



#22
Acetophenone
Concen: 47.863 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:	105	Resp:	396112
Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.7	8.5
51	36.7	33.7	50.5
120	21.6	17.0	25.6





#23

Nitrobenzene-d5

Concen: 88.467 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

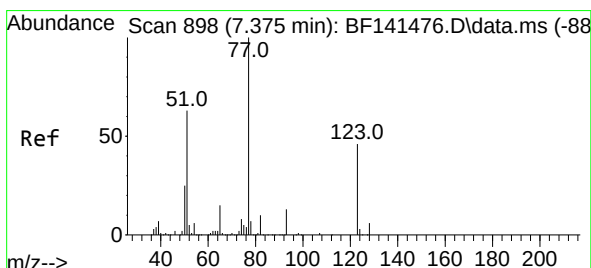
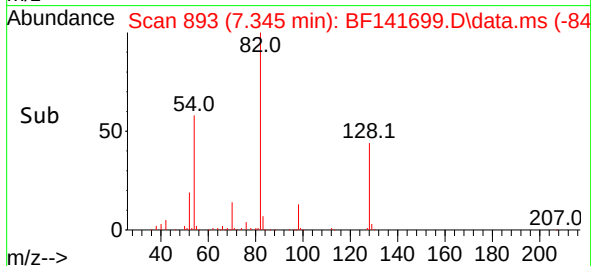
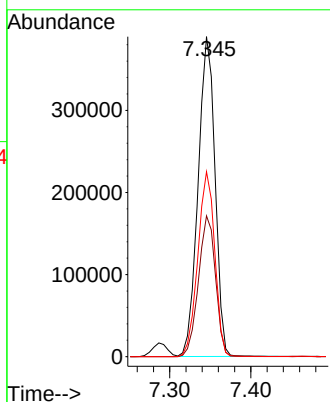
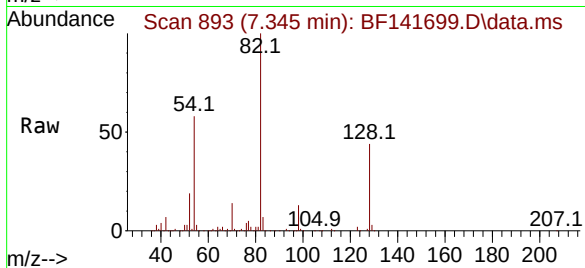
Tgt Ion: 82 Resp: 564292

Ion Ratio Lower Upper

82 100

128 44.0 34.8 52.2

54 57.8 48.2 72.4



#24

Nitrobenzene

Concen: 43.194 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

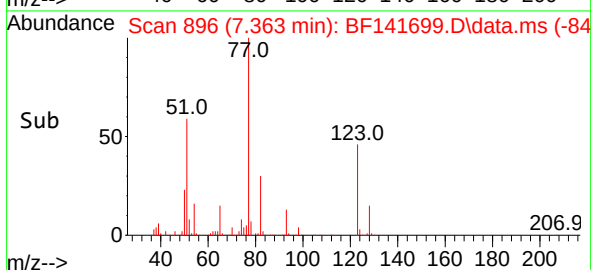
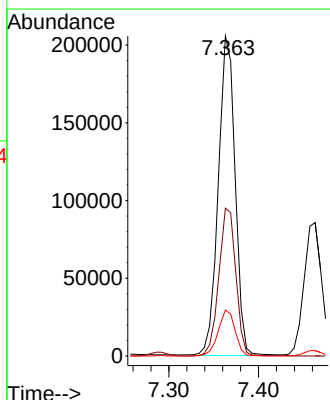
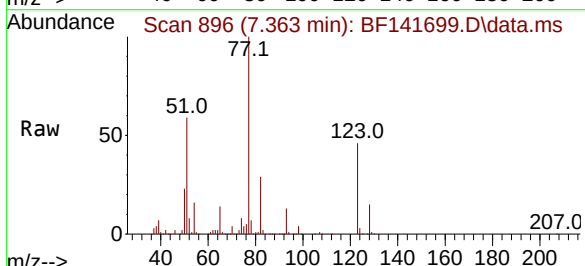
Tgt Ion: 77 Resp: 268663

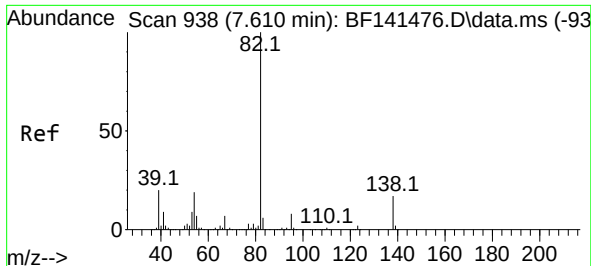
Ion Ratio Lower Upper

77 100

123 46.2 36.9 55.3

65 14.4 11.9 17.9

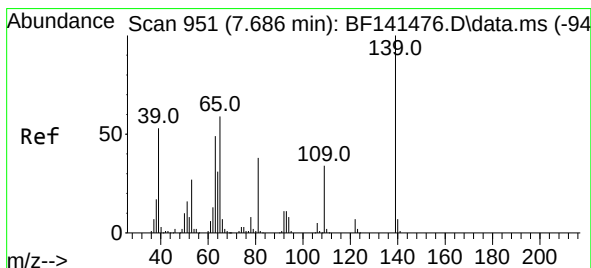
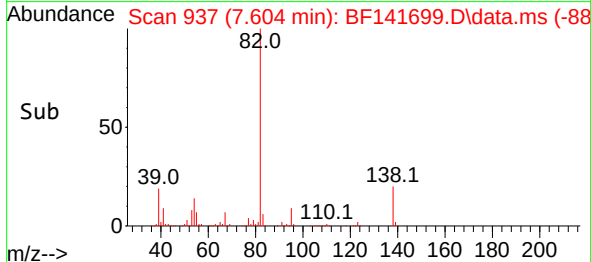
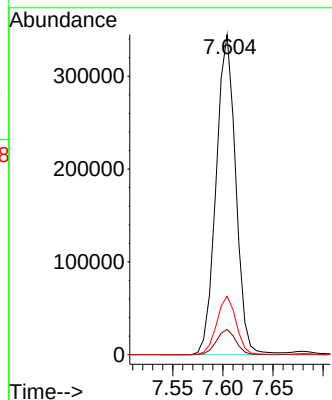
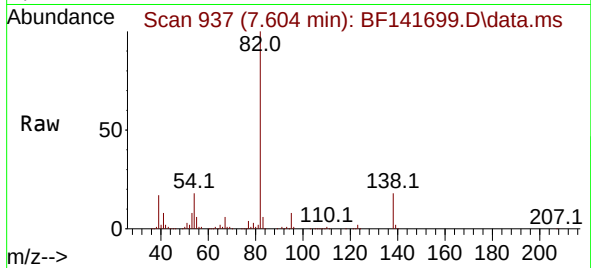




#25
Isophorone
Concen: 46.125 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

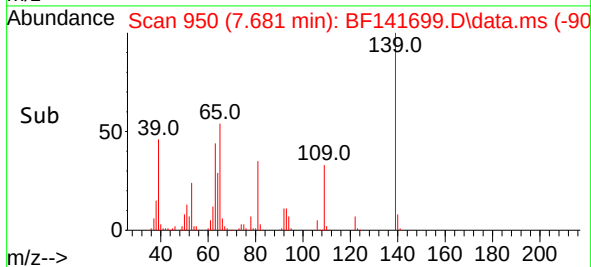
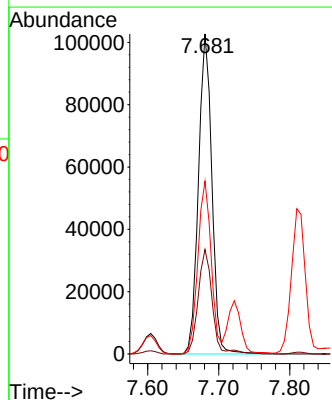
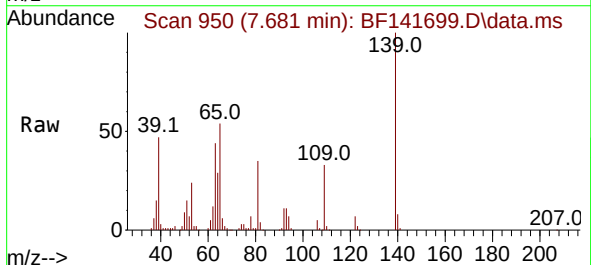
Instrument :
BNA_F
ClientSampleId :
PB166776BS

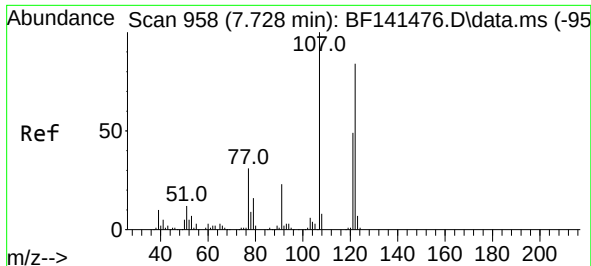
Tgt Ion: 82 Resp: 469107
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.3 13.9 20.9



#26
2-Nitrophenol
Concen: 43.749 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:139 Resp: 135380
Ion Ratio Lower Upper
139 100
109 32.7 27.0 40.6
65 54.0 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 56.260 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

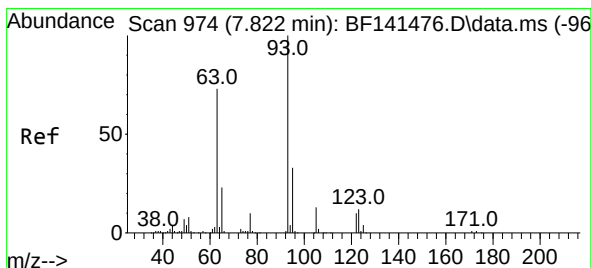
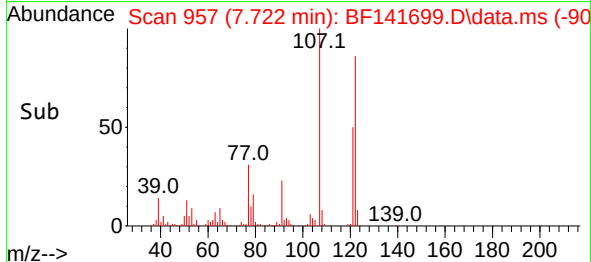
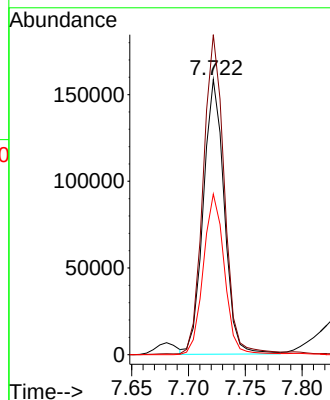
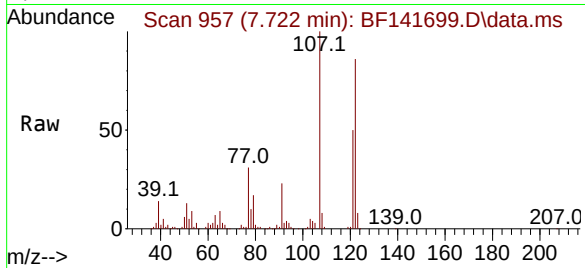
Tgt Ion:122 Resp: 203384

Ion Ratio Lower Upper

122 100

107 116.3 94.3 141.5

121 58.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 44.579 ng

RT: 7.810 min Scan# 972

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

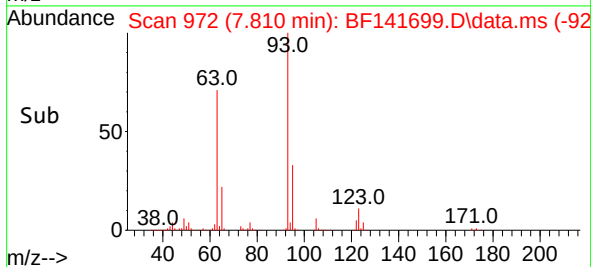
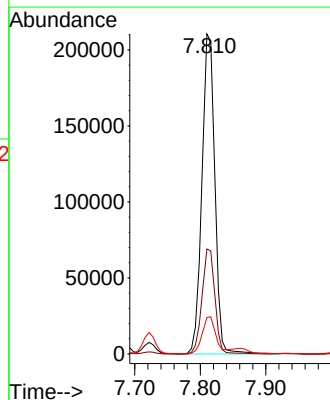
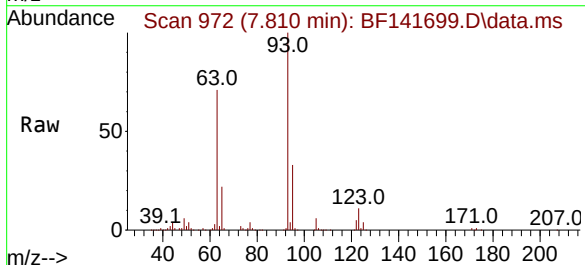
Tgt Ion: 93 Resp: 290525

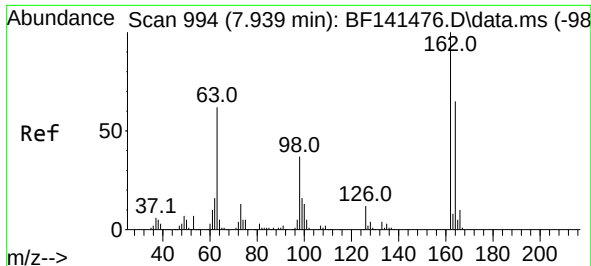
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 11.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.790 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

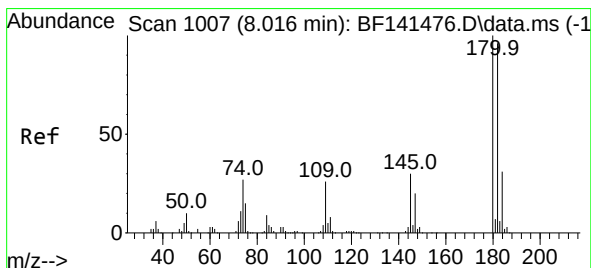
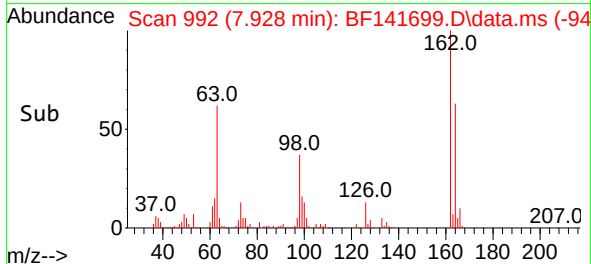
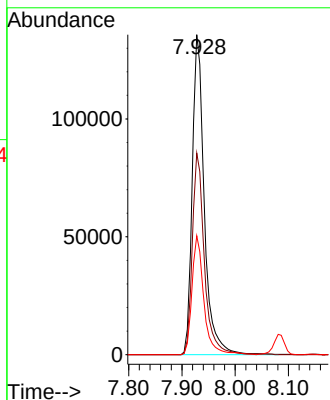
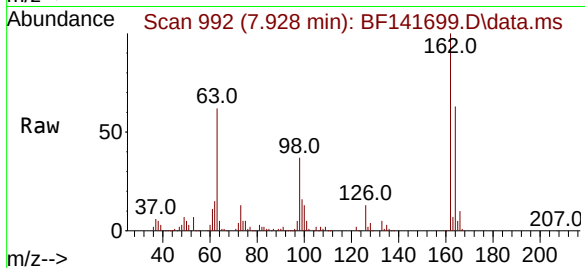
Tgt Ion:162 Resp: 213890

Ion Ratio Lower Upper

162 100

164 63.0 44.6 84.6

98 37.2 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 44.020 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

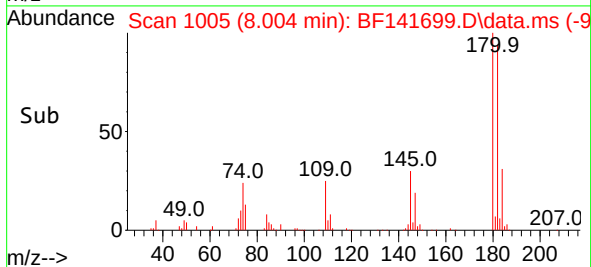
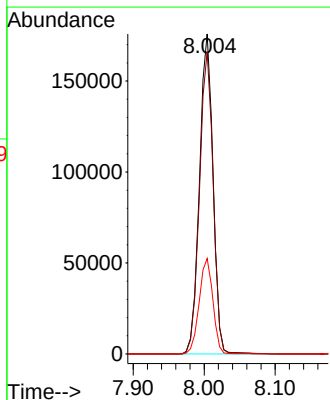
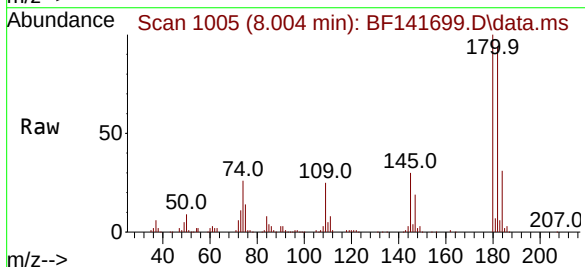
Tgt Ion:180 Resp: 234145

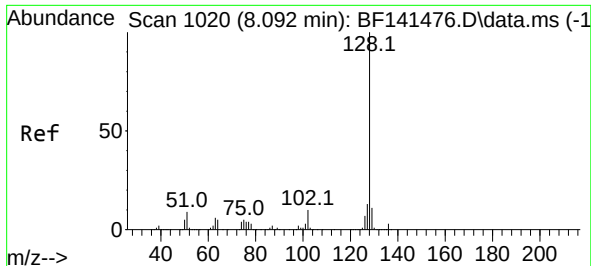
Ion Ratio Lower Upper

180 100

182 94.4 76.8 115.2

145 29.9 24.2 36.4

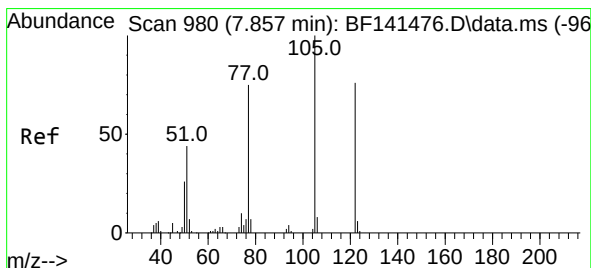
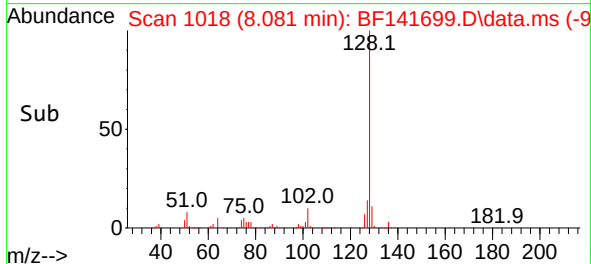
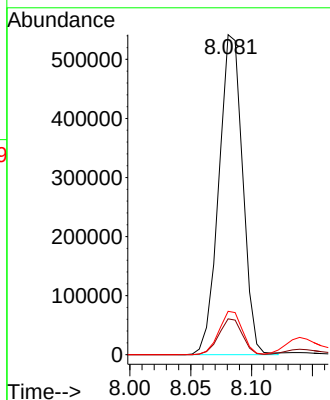
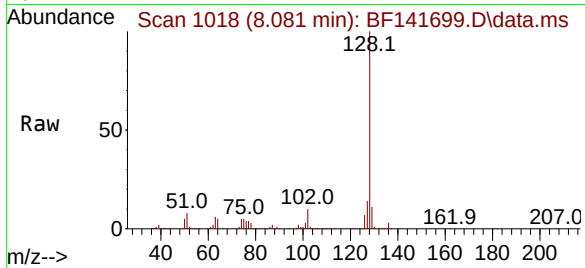




#31
Naphthalene
Concen: 42.568 ng
RT: 8.081 min Scan# 10
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

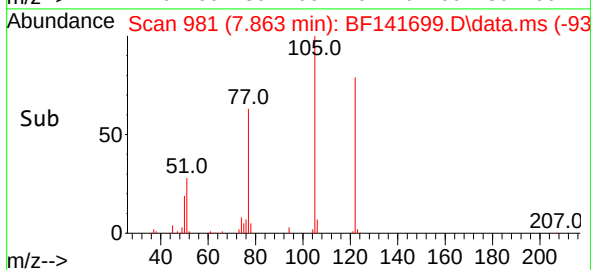
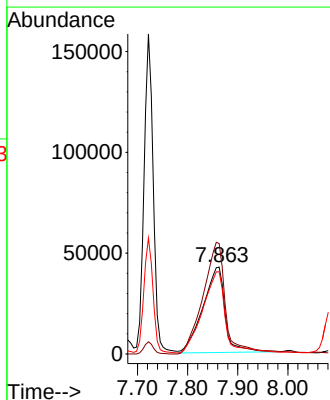
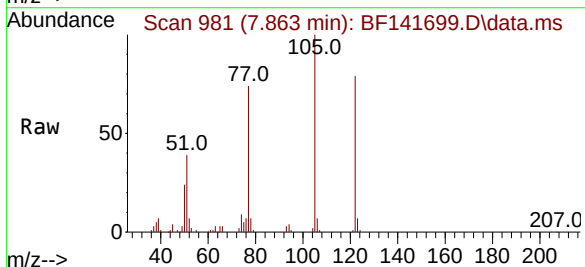
Instrument :
BNA_F
ClientSampleId :
PB166776BS

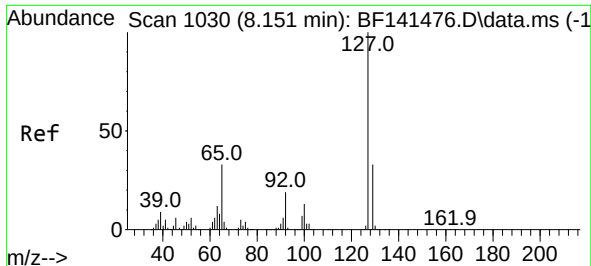
Tgt Ion:128 Resp: 737197
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 34.818 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:122 Resp: 130743
Ion Ratio Lower Upper
122 100
105 127.3 106.5 146.5
77 94.8 76.3 116.3

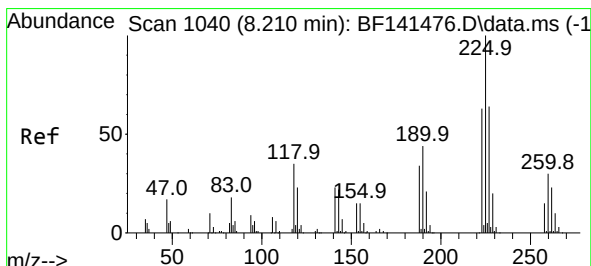
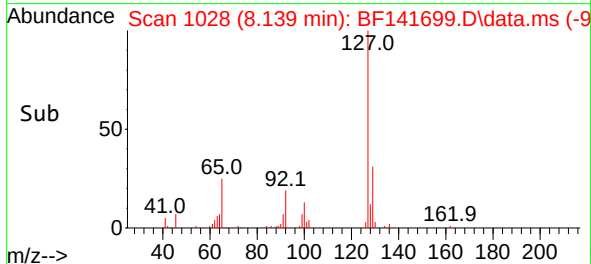
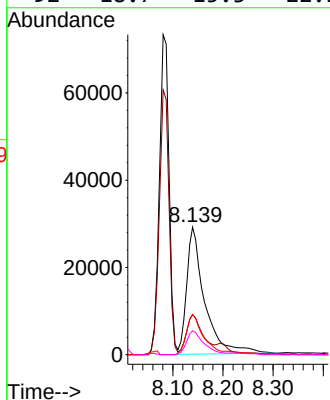
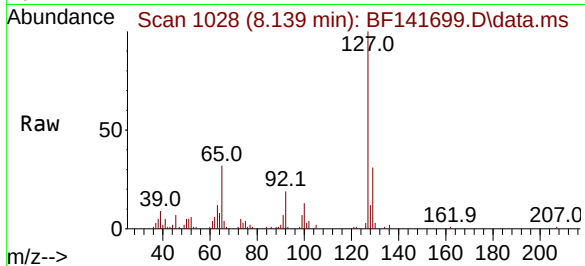




#33
4-Chloroaniline
Concen: 11.970 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

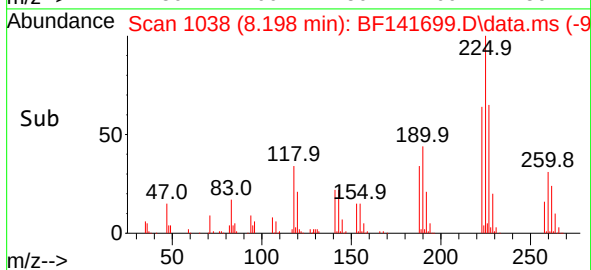
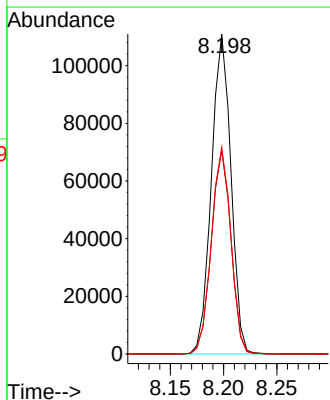
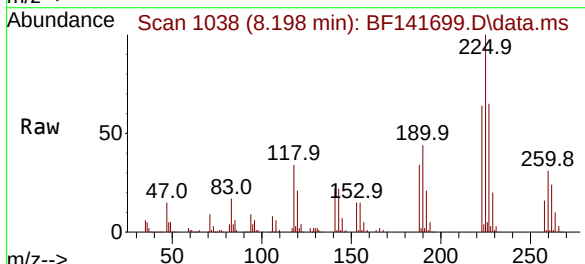
Instrument :
BNA_F
ClientSampleId :
PB166776BS

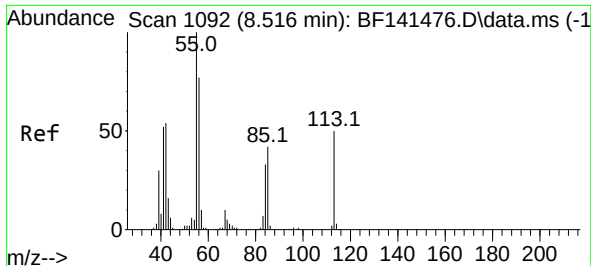
Tgt Ion:	127	Resp:	72372
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.5	39.7
65	31.6	26.4	39.6
92	18.7	15.3	22.9



#34
Hexachlorobutadiene
Concen: 44.296 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:	225	Resp:	141446
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.1	75.1
227	64.6	51.0	76.6

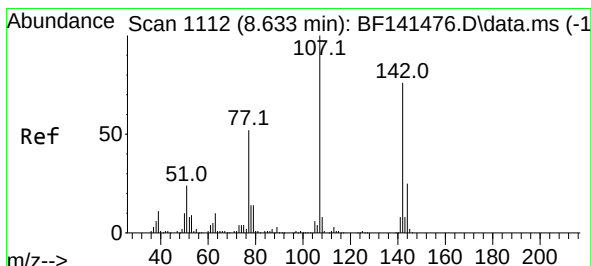
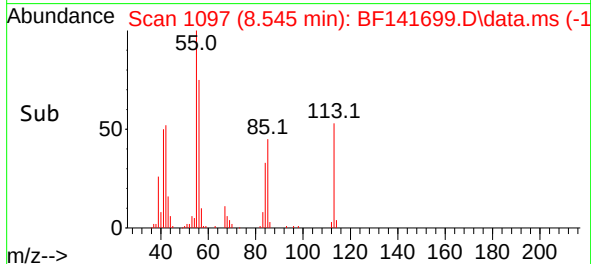
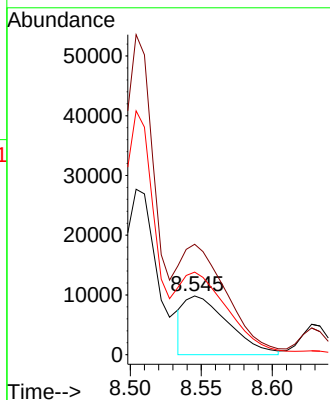
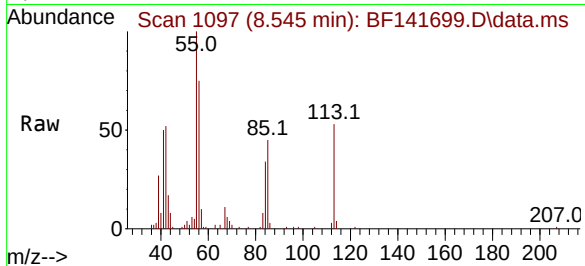




#35
 Caprolactam
 Concen: 14.230 ng
 RT: 8.545 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: BF141699.D
 Acq: 20 Feb 2025 13:03

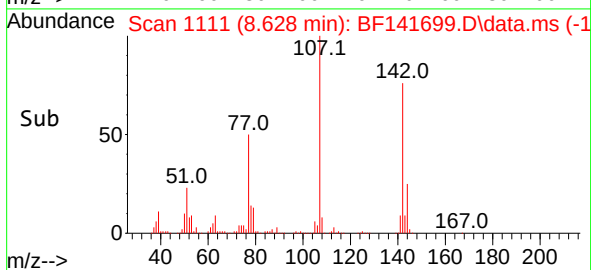
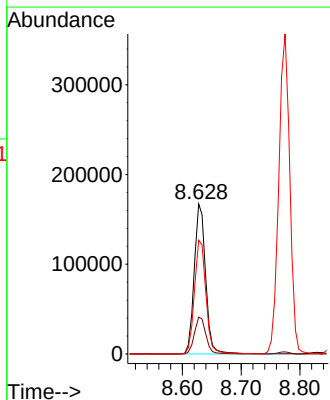
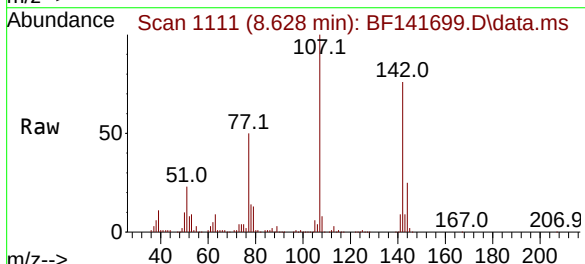
Instrument :
 BNA_F
 ClientSampleId :
 PB166776BS

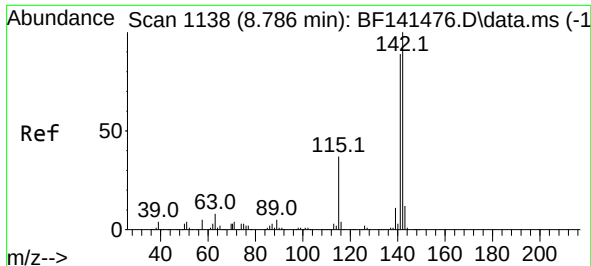
Tgt Ion:	113	Resp:	21162
Ion	Ratio	Lower	Upper
113	100		
55	188.3	180.8	220.8
56	140.9	133.6	173.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.740 ng
 RT: 8.628 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF141699.D
 Acq: 20 Feb 2025 13:03

Tgt Ion:	107	Resp:	225834
Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.7	29.5
142	75.8	60.8	91.2

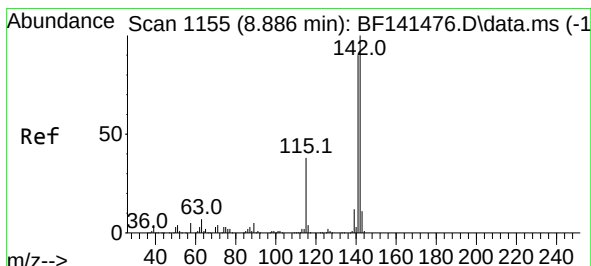
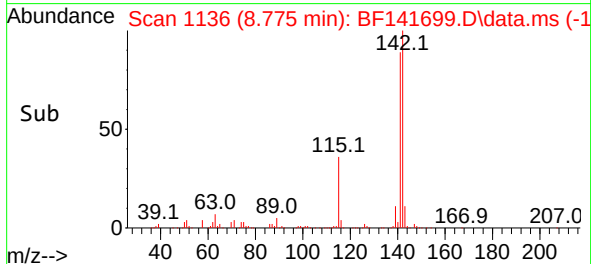
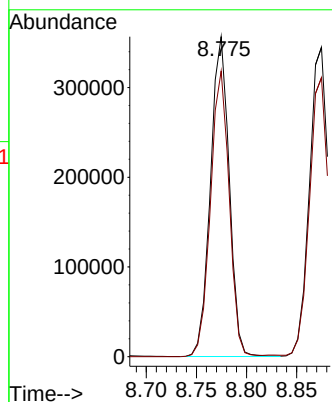
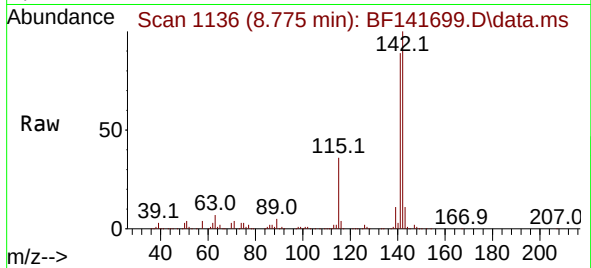




#37
2-Methylnaphthalene
Concen: 41.146 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

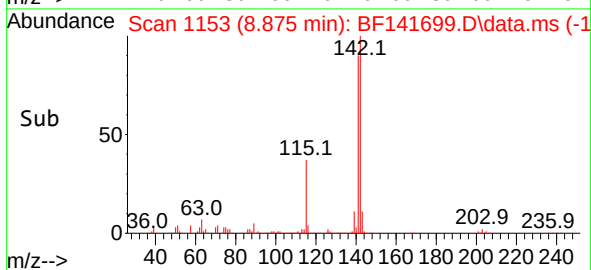
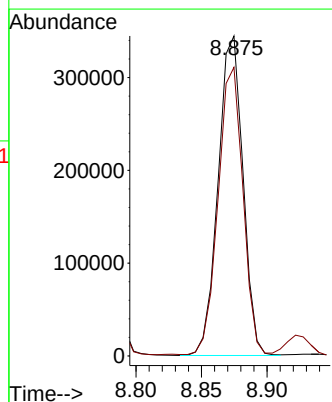
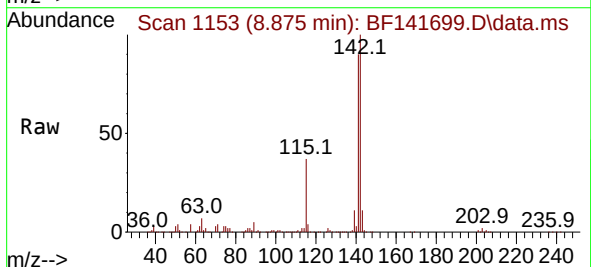
Instrument :
BNA_F
ClientSampleId :
PB166776BS

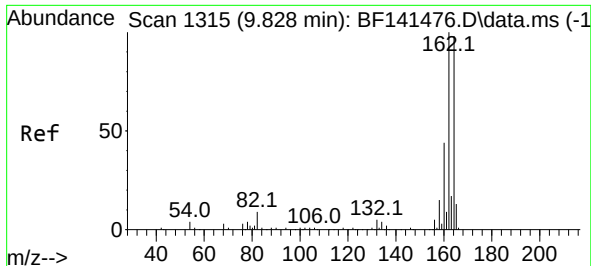
Tgt Ion:142 Resp: 463695
Ion Ratio Lower Upper
142 100
141 89.2 71.2 106.8



#38
1-Methylnaphthalene
Concen: 41.481 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:142 Resp: 452758
Ion Ratio Lower Upper
142 100
141 90.2 72.1 108.1

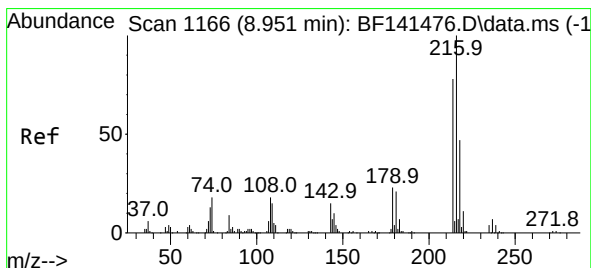
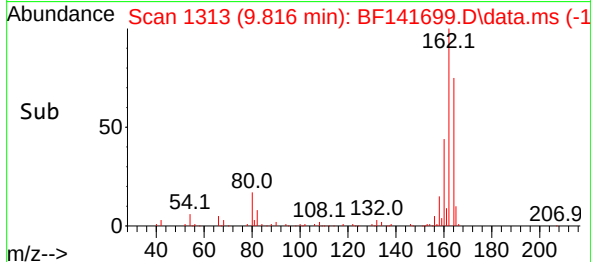
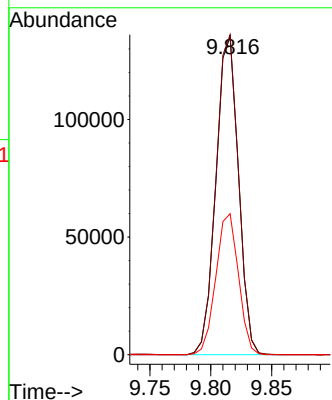
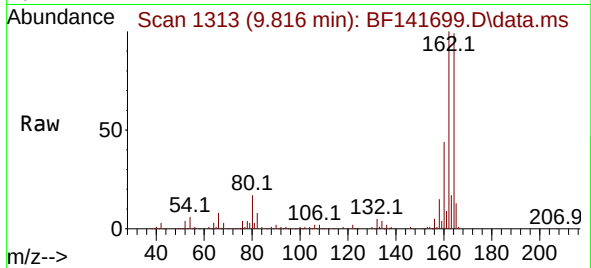




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1164
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

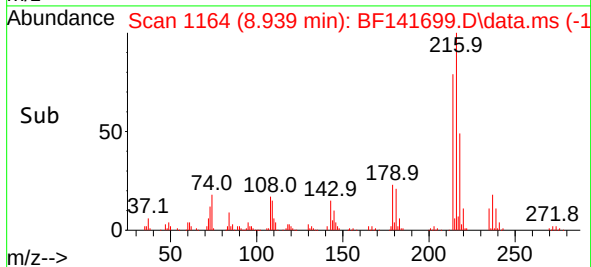
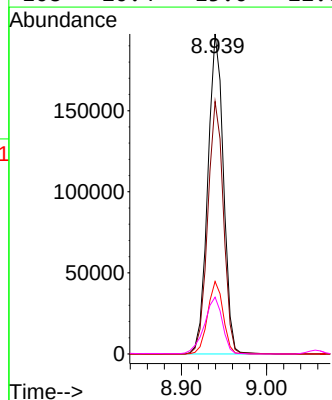
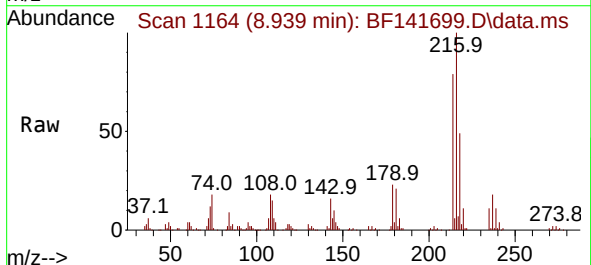
Instrument :
BNA_F
ClientSampleId :
PB166776BS

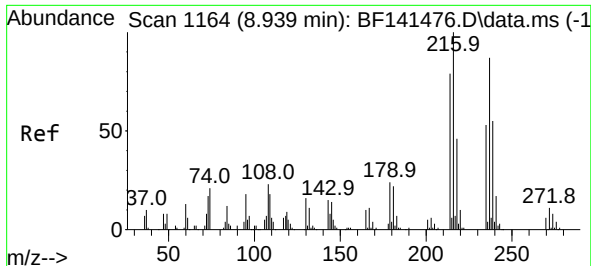
Tgt Ion:164 Resp: 173693
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 44.4 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.039 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

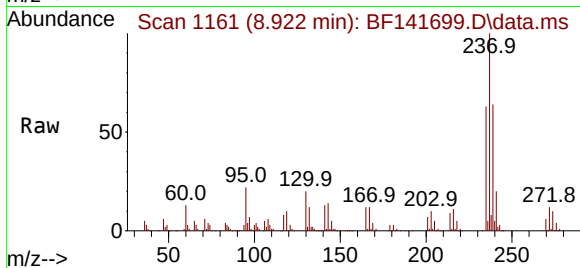
Tgt Ion:216 Resp: 251455
Ion Ratio Lower Upper
216 100
214 79.0 62.3 93.5
179 22.3 18.0 27.0
108 20.4 15.0 22.6



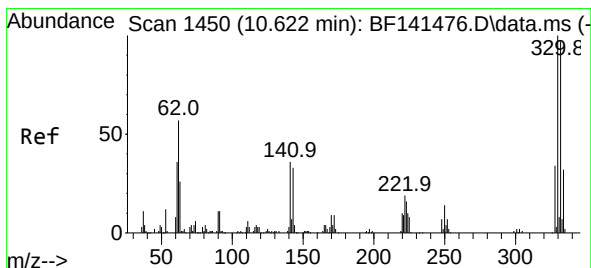
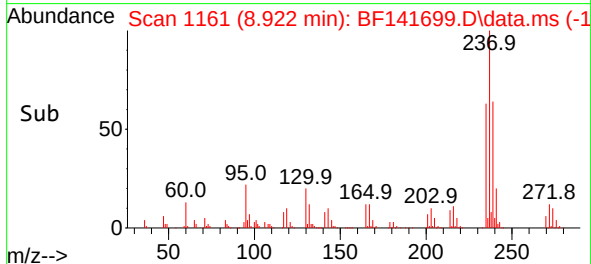
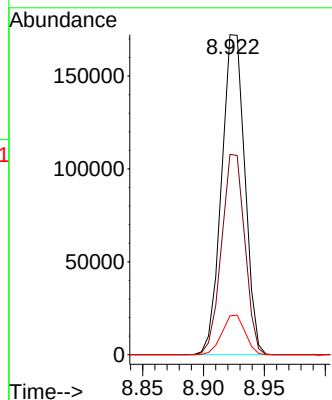


#41
Hexachlorocyclopentadiene
Concen: 137.156 ng
RT: 8.922 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Instrument :
BNA_F
ClientSampleId :
PB166776BS

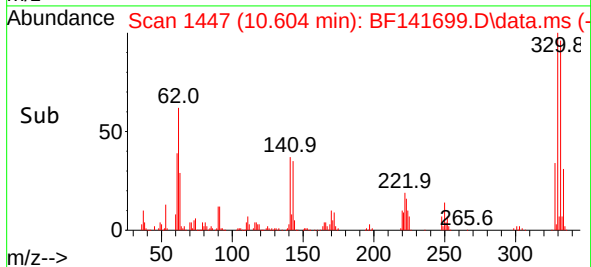
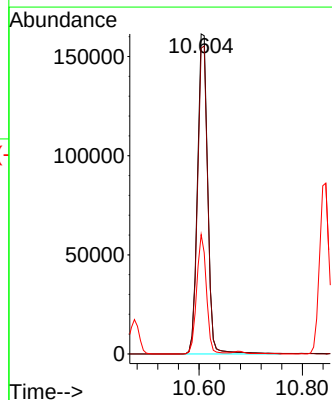
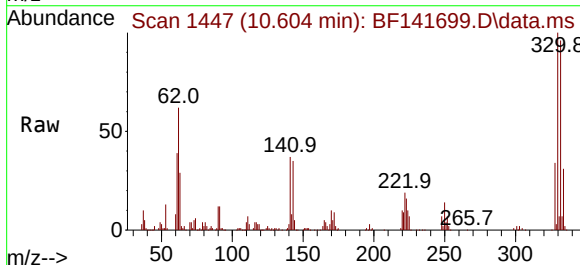


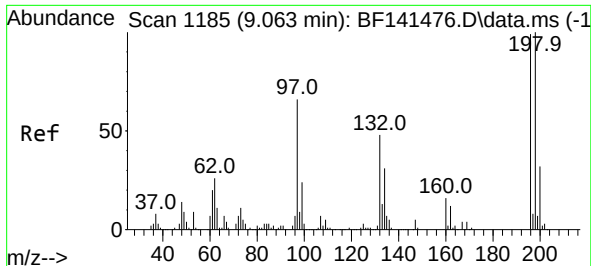
Tgt Ion:237 Resp: 229243
Ion Ratio Lower Upper
237 100
235 62.6 41.4 81.4
272 12.1 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 126.990 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:330 Resp: 221575
Ion Ratio Lower Upper
330 100
332 96.4 78.5 117.7
141 35.4 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 44.416 ng

RT: 9.057 min Scan# 1184

Delta R.T. -0.012 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

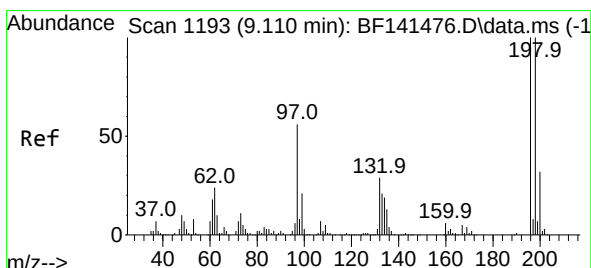
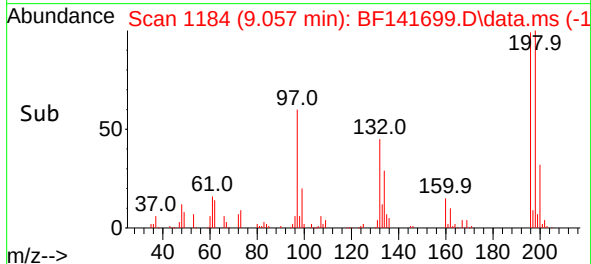
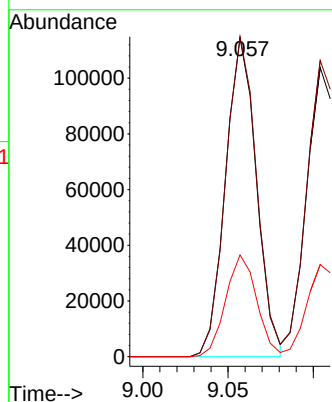
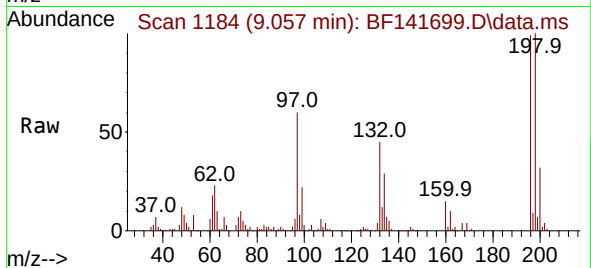
Tgt Ion:196 Resp: 144254

Ion Ratio Lower Upper

196 100

198 100.5 80.6 121.0

200 31.9 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 43.341 ng

RT: 9.104 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Tgt Ion:196 Resp: 152557

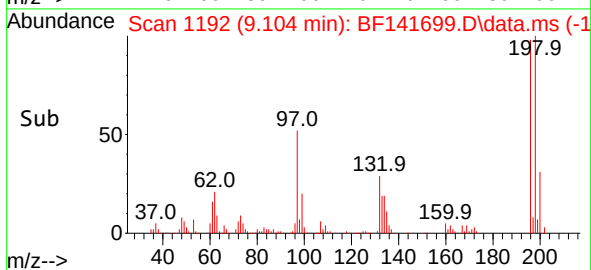
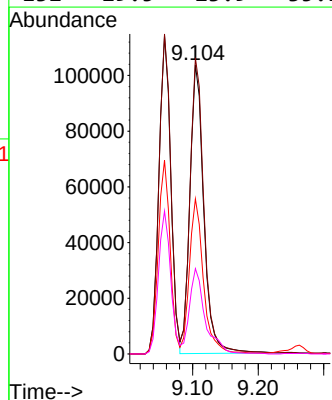
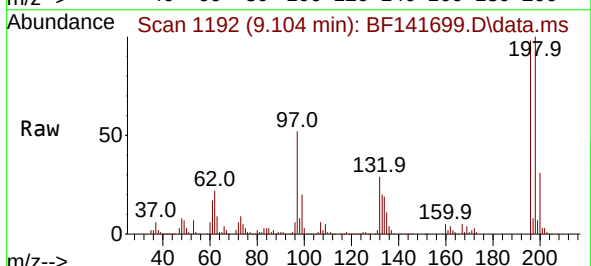
Ion Ratio Lower Upper

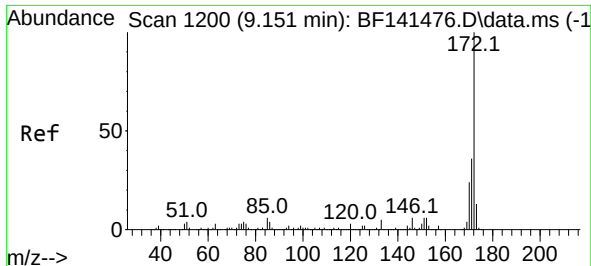
196 100

198 102.4 79.8 119.8

97 53.6 44.8 67.2

132 29.5 23.9 35.9

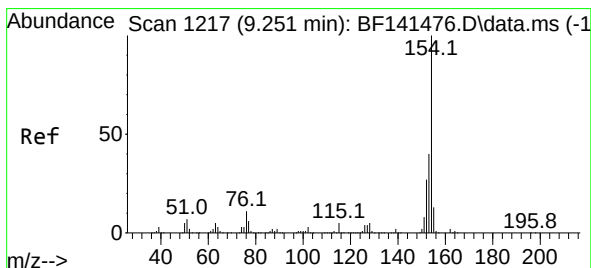
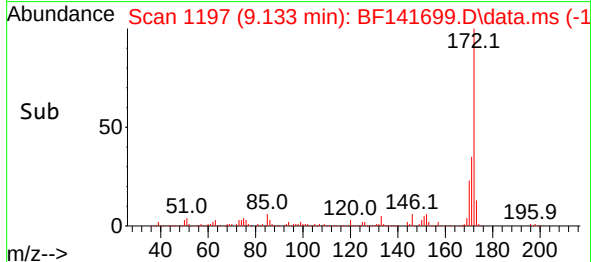
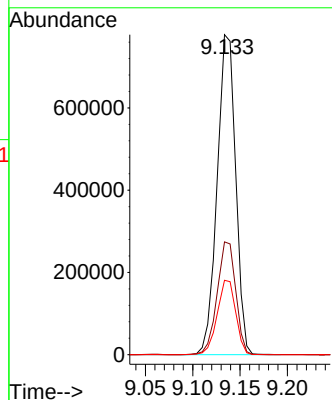
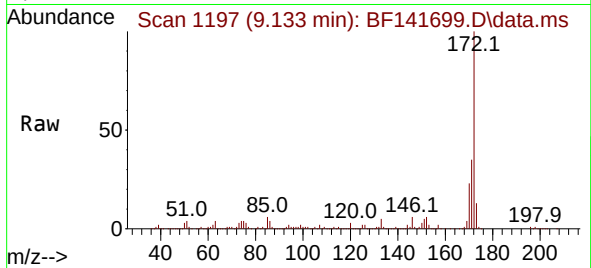




#45
2-Fluorobiphenyl
Concen: 94.088 ng
RT: 9.133 min Scan# 1117
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

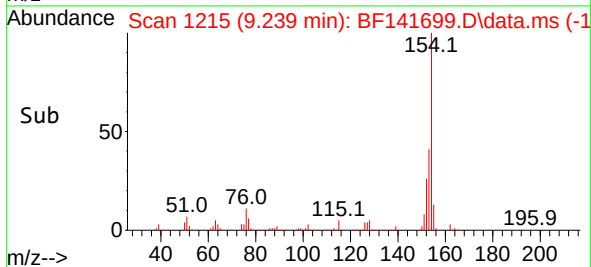
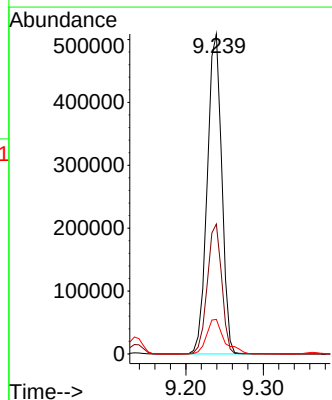
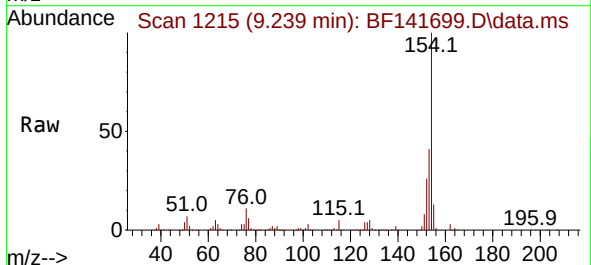
Instrument :
BNA_F
ClientSampleId :
PB166776BS

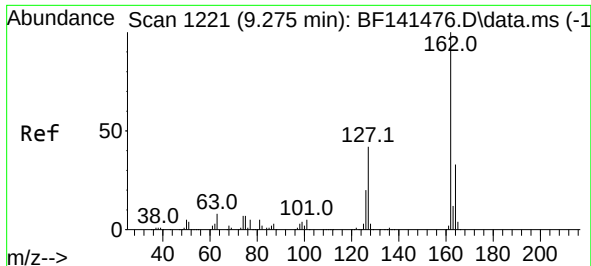
Tgt Ion:172 Resp: 1060752
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 49.026 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:154 Resp: 660188
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 10.8 0.0 30.8





#47

2-Chloronaphthalene

Concen: 45.450 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

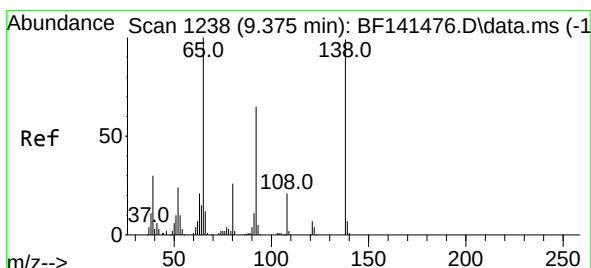
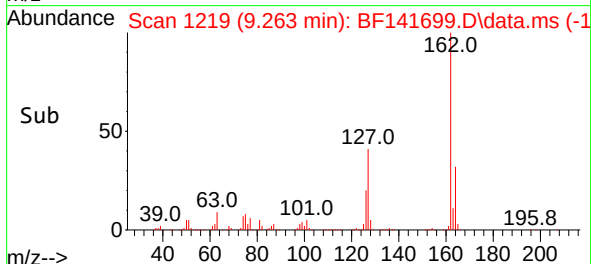
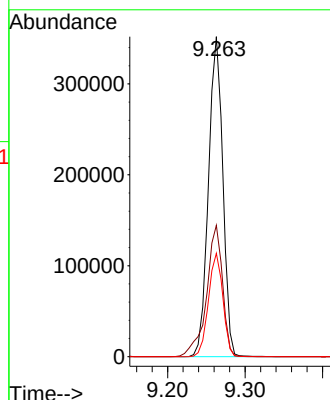
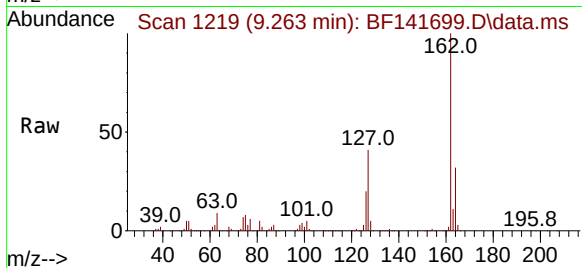
Tgt Ion:162 Resp: 452576

Ion Ratio Lower Upper

162 100

127 41.1 34.1 51.1

164 32.3 26.3 39.5



#48

2-Nitroaniline

Concen: 42.546 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

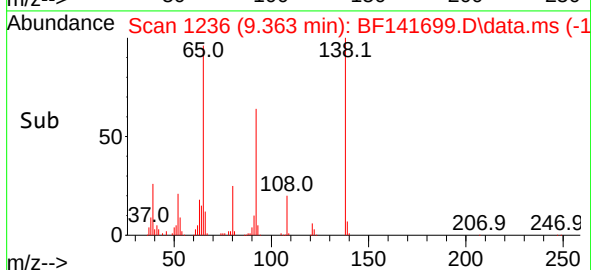
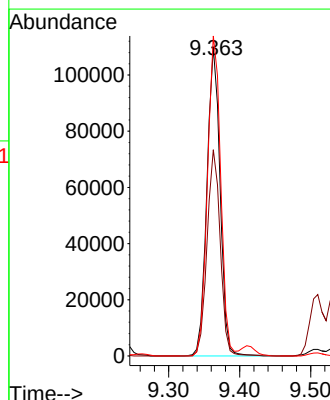
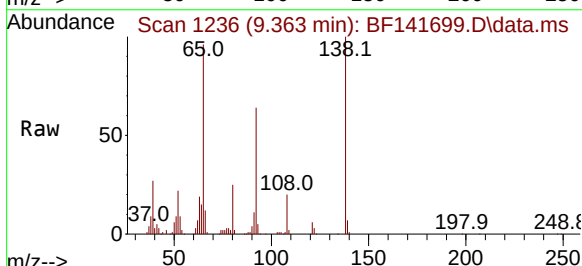
Tgt Ion: 65 Resp: 142181

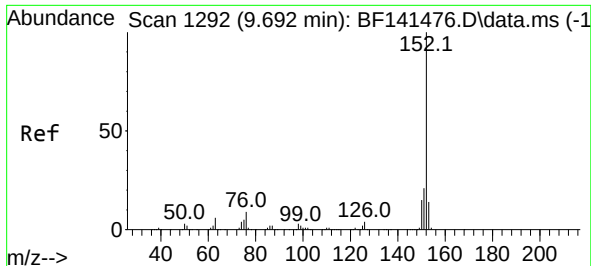
Ion Ratio Lower Upper

65 100

92 66.8 52.2 78.2

138 103.7 79.5 119.3

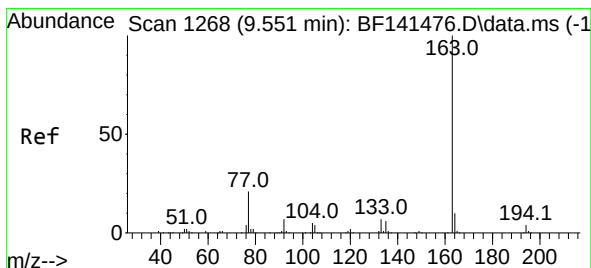
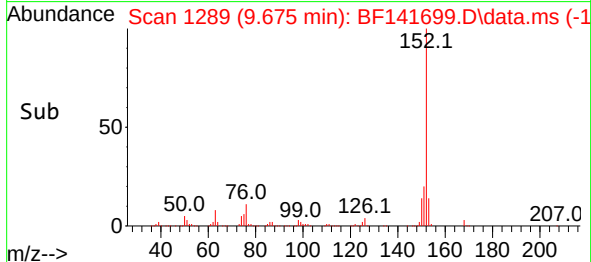
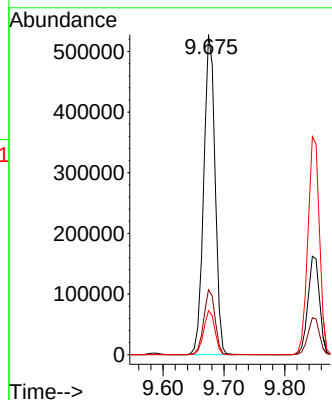
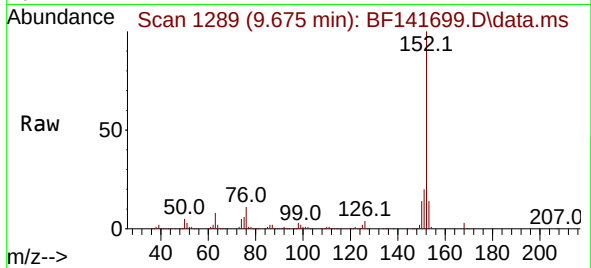




#49
Acenaphthylene
Concen: 46.115 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

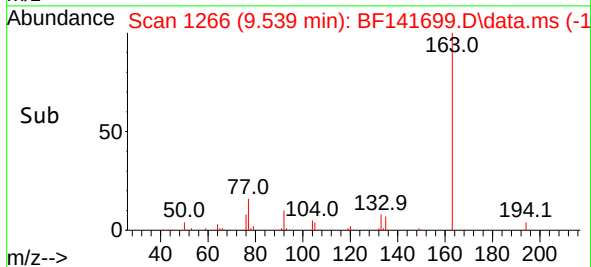
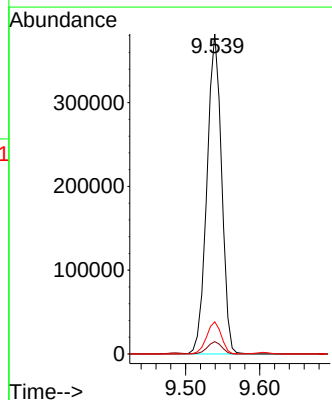
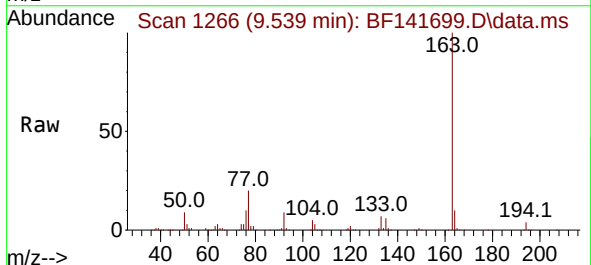
Instrument :
BNA_F
ClientSampleId :
PB166776BS

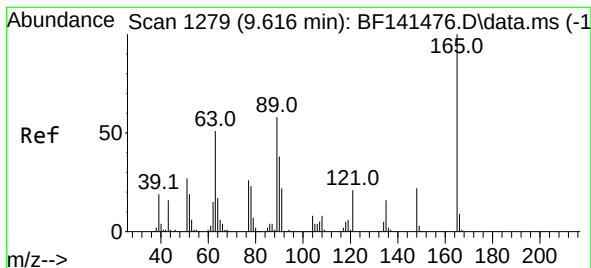
Tgt Ion:152 Resp: 683006
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.8 10.9 16.3



#50
Dimethylphthalate
Concen: 44.521 ng
RT: 9.539 min Scan# 1266
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:163 Resp: 524971
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.0 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 44.666 ng

RT: 9.604 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

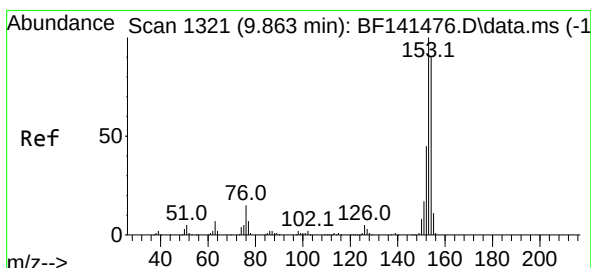
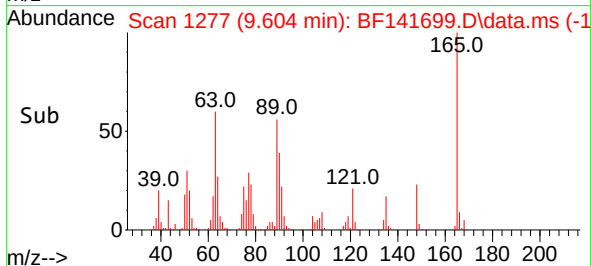
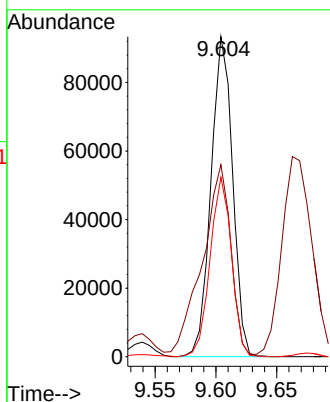
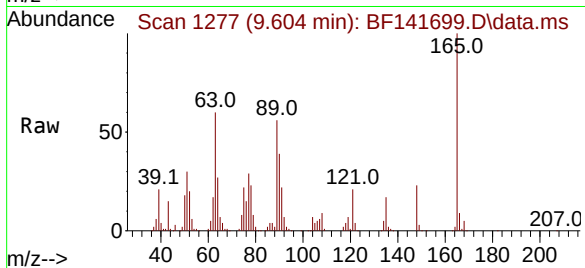
Tgt Ion:165 Resp: 115137

Ion Ratio Lower Upper

165 100

63 60.0 49.4 74.0

89 56.0 46.5 69.7



#52

Acenaphthene

Concen: 43.100 ng

RT: 9.845 min Scan# 1318

Delta R.T. -0.023 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

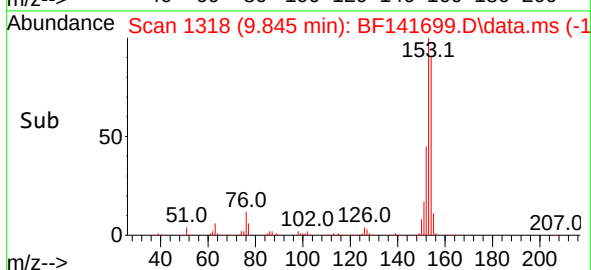
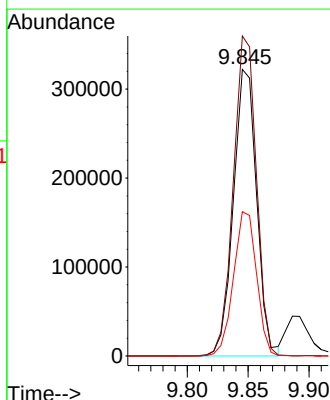
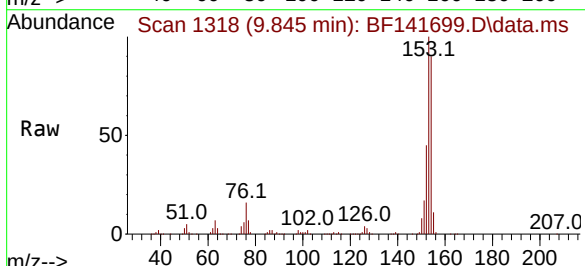
Tgt Ion:154 Resp: 429158

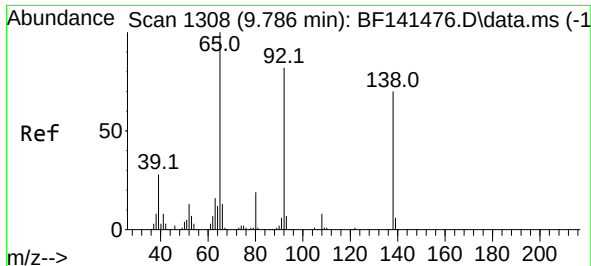
Ion Ratio Lower Upper

154 100

153 111.7 89.2 133.8

152 50.4 39.8 59.8

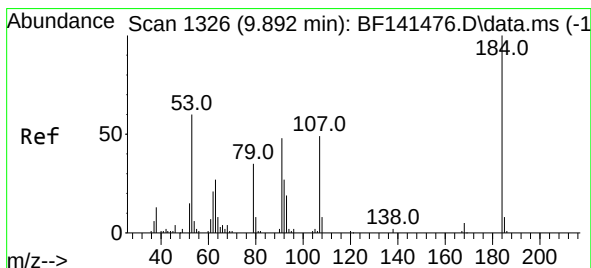
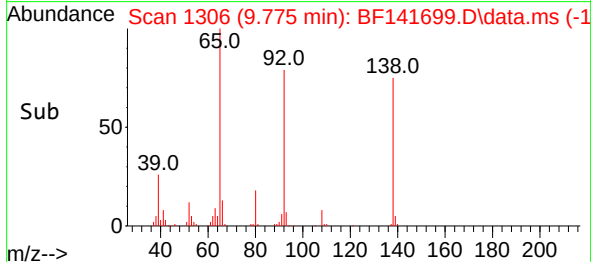
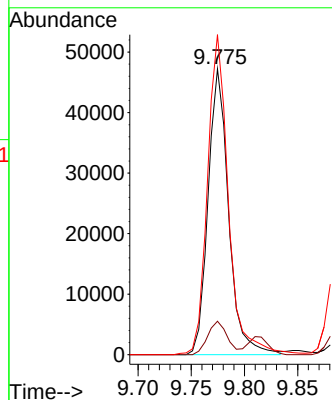
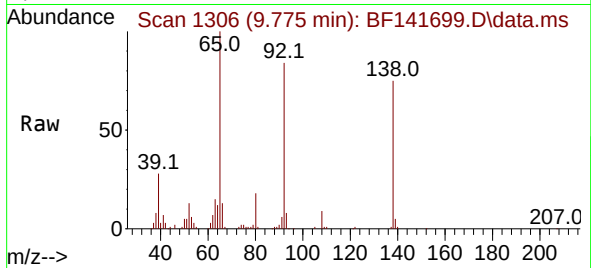




#53
3-Nitroaniline
Concen: 22.915 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

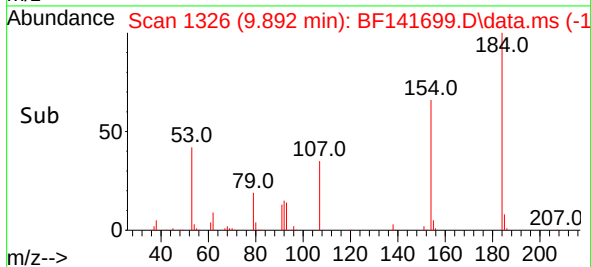
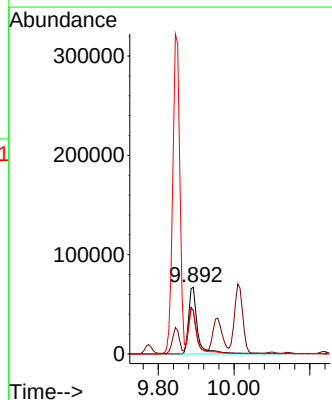
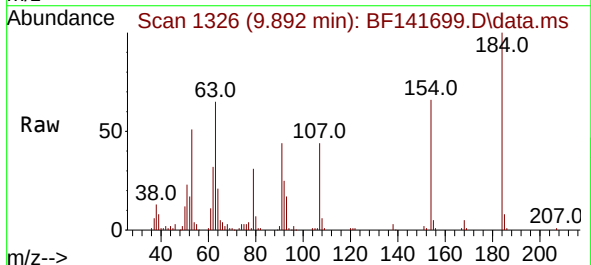
Instrument :
BNA_F
ClientSampleId :
PB166776BS

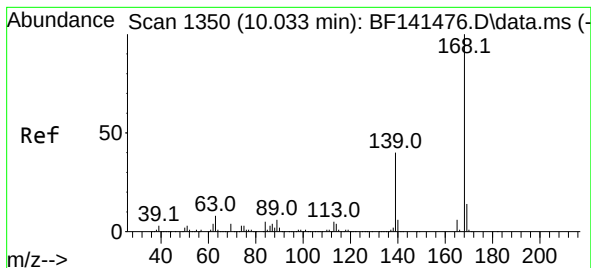
Tgt Ion:138 Resp: 63575
Ion Ratio Lower Upper
138 100
108 11.7 9.0 13.4
92 112.0 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 73.018 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:184 Resp: 111864
Ion Ratio Lower Upper
184 100
63 64.6 61.0 91.6
154 66.3 59.9 89.9

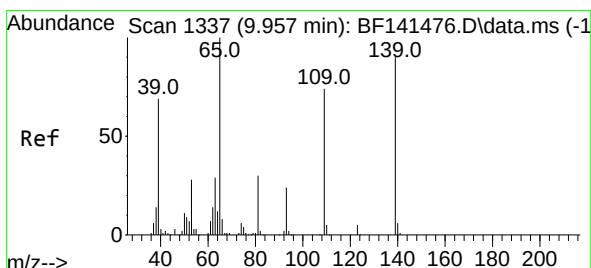
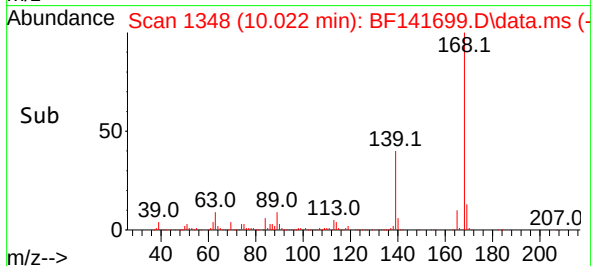
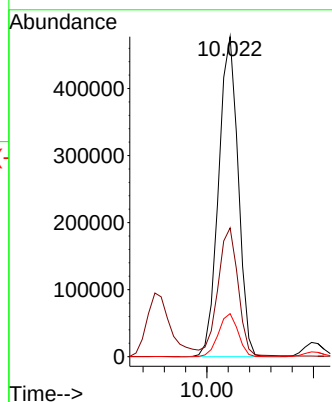
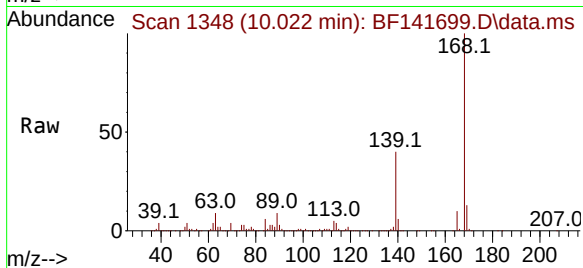




#55
Dibenzenofuran
Concen: 41.588 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

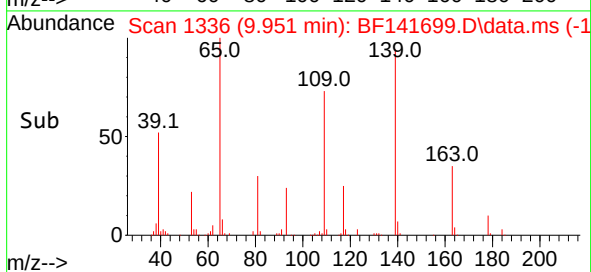
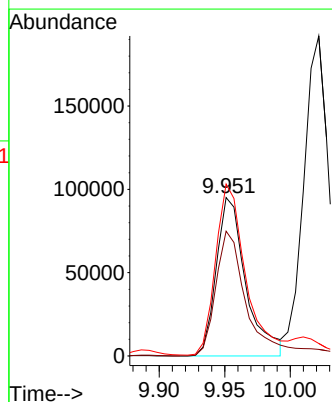
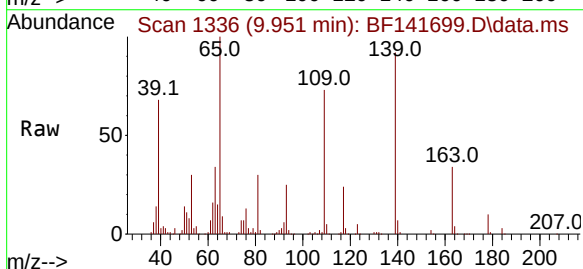
Instrument :
BNA_F
ClientSampleId :
PB166776BS

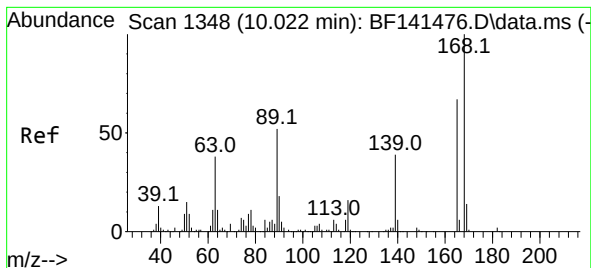
Tgt Ion:168 Resp: 607831
Ion Ratio Lower Upper
168 100
139 40.2 32.7 49.1
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 72.322 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:139 Resp: 148950
Ion Ratio Lower Upper
139 100
109 78.8 62.0 102.0
65 108.6 91.2 131.2

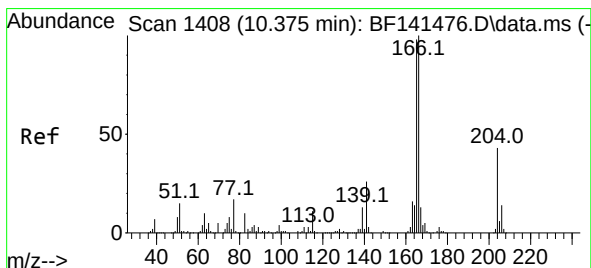
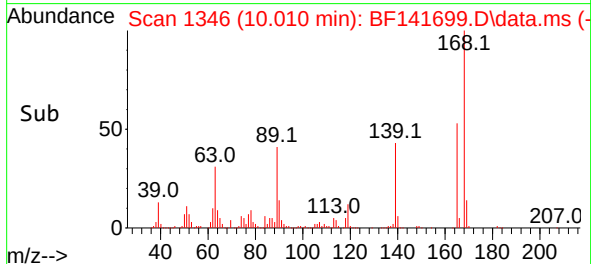
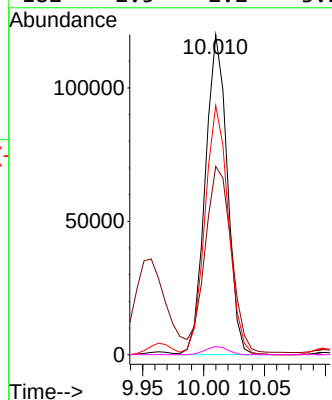
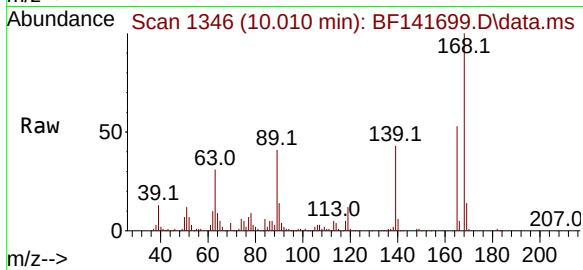




#57
2,4-Dinitrotoluene
Concen: 43.821 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

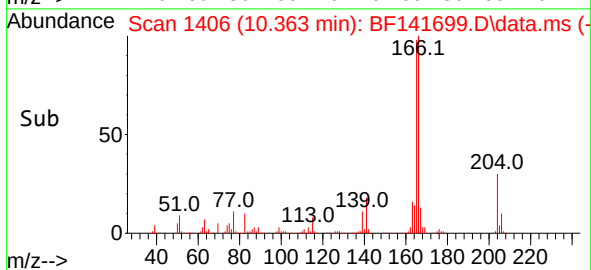
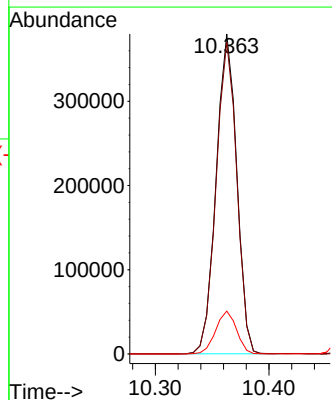
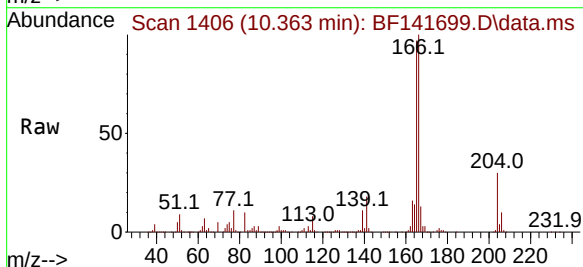
Instrument :
BNA_F
ClientSampleId :
PB166776BS

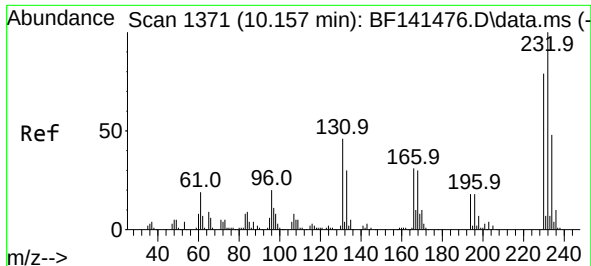
Tgt Ion:165 Resp: 150374
Ion Ratio Lower Upper
165 100
63 58.8 46.4 69.6
89 77.8 61.8 92.6
182 2.5 2.2 3.2



#58
Fluorene
Concen: 42.464 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:166 Resp: 479871
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.2
167 13.4 10.7 16.1

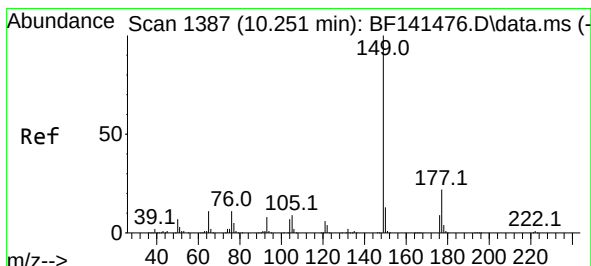
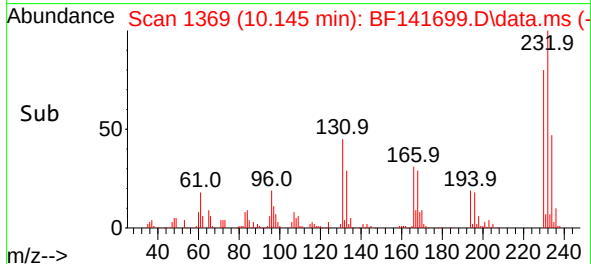
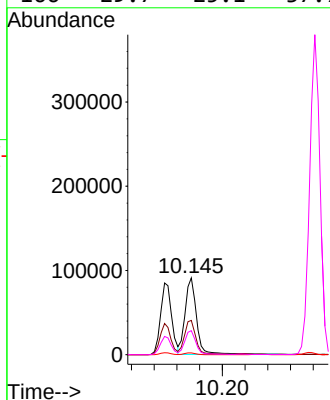
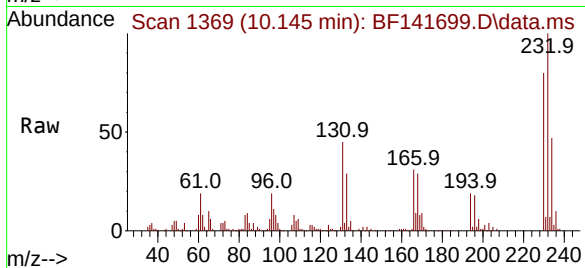




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.961 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

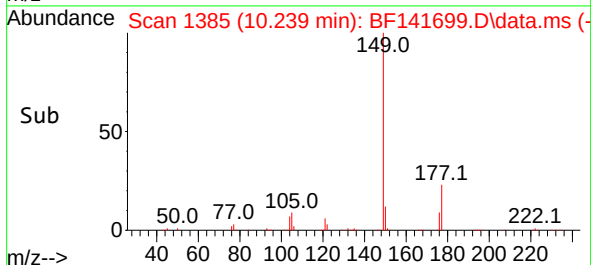
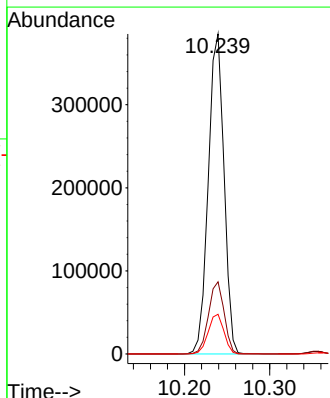
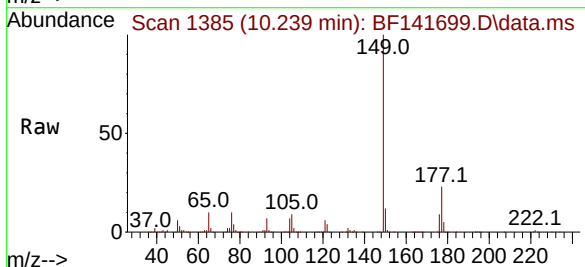
Instrument :
BNA_F
ClientSampleId :
PB166776BS

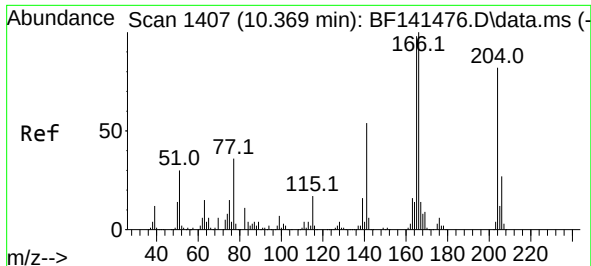
Tgt Ion:232 Resp: 127160
Ion Ratio Lower Upper
232 100
131 44.7 39.2 58.8
130 2.3 2.1 3.1
166 29.7 25.1 37.7



#60
Diethylphthalate
Concen: 42.581 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:149 Resp: 494002
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 12.4 10.1 15.1

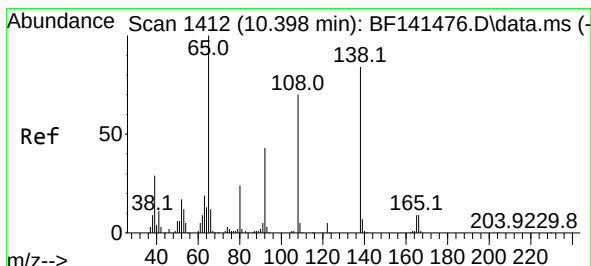
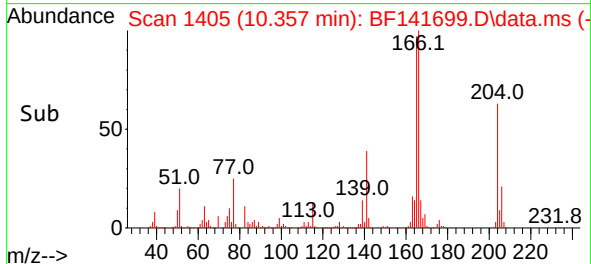
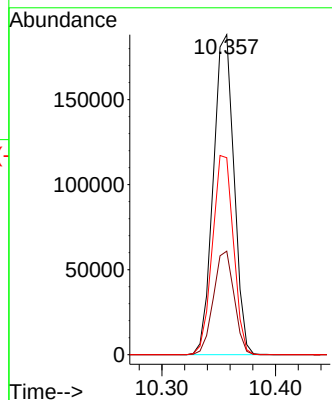
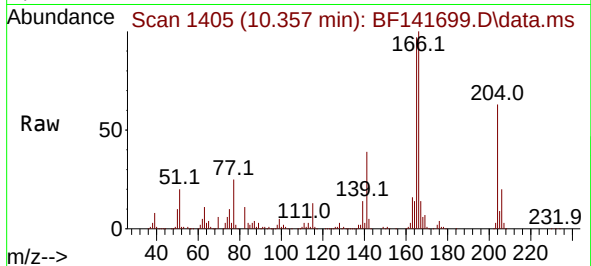




#61
4-Chlorophenyl-phenylether
Concen: 43.877 ng
RT: 10.357 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

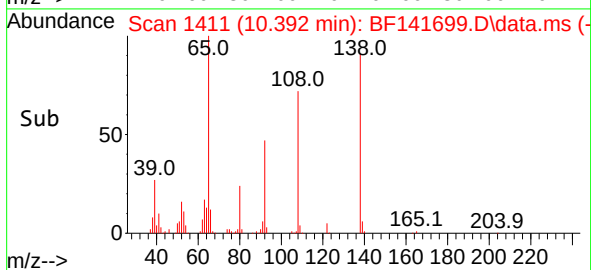
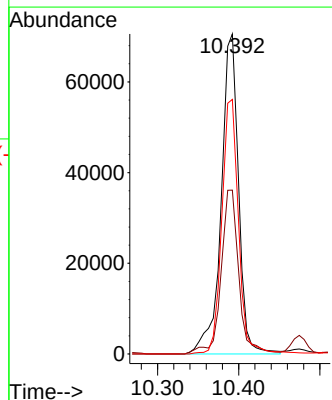
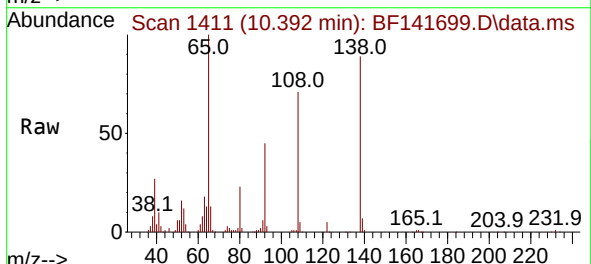
Instrument :
BNA_F
ClientSampleId :
PB166776BS

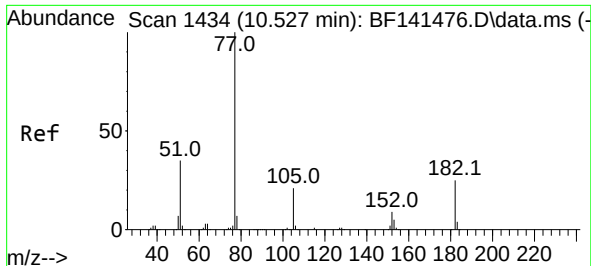
Tgt Ion:204 Resp: 238542
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 61.5 51.9 77.9



#62
4-Nitroaniline
Concen: 37.360 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:138 Resp: 105249
Ion Ratio Lower Upper
138 100
92 51.2 31.3 71.3
108 79.5 63.7 103.7



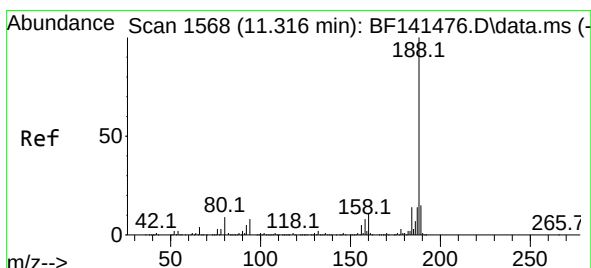
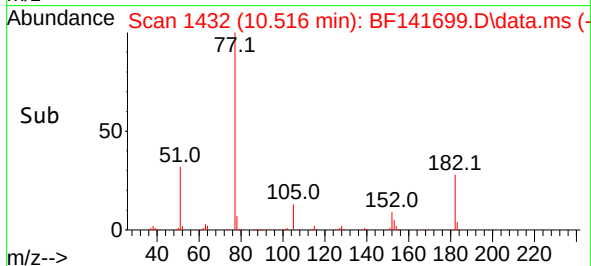
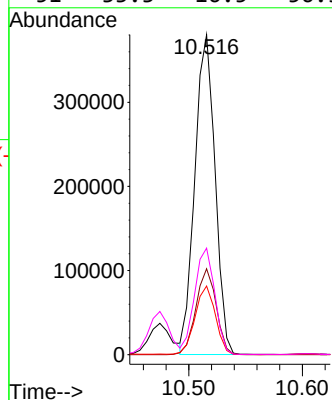
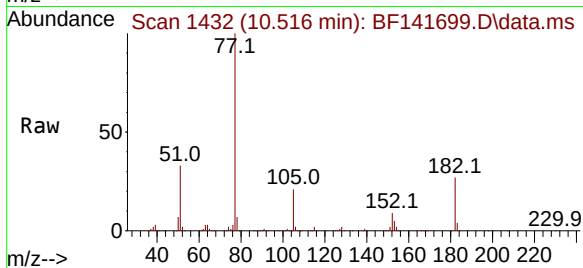


#63
Azobenzene
Concen: 40.757 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Instrument :
BNA_F
ClientSampleId :
PB166776BS

Tgt Ion: 77 Resp: 470068

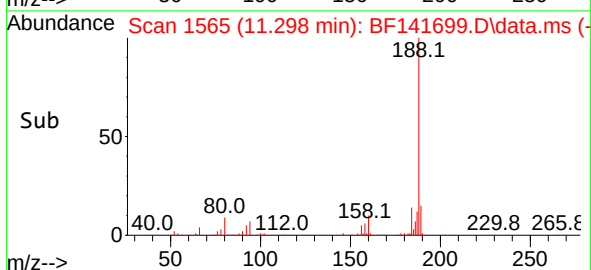
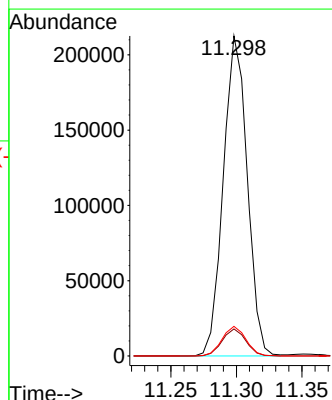
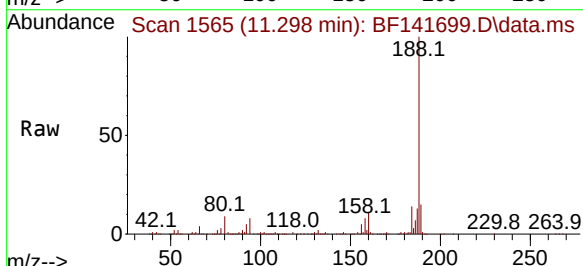
Ion	Ratio	Lower	Upper
77	100		
182	26.9	4.7	44.7
105	21.4	0.4	40.4
51	33.3	16.5	56.5

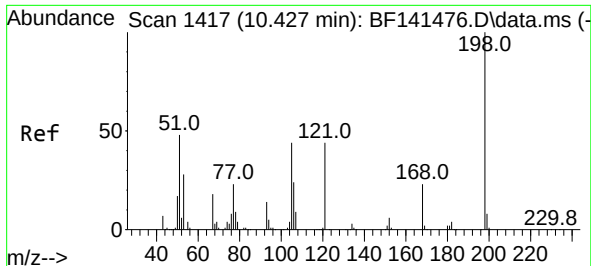


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion: 188 Resp: 269657

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	10.0
80	9.2	7.3	10.9

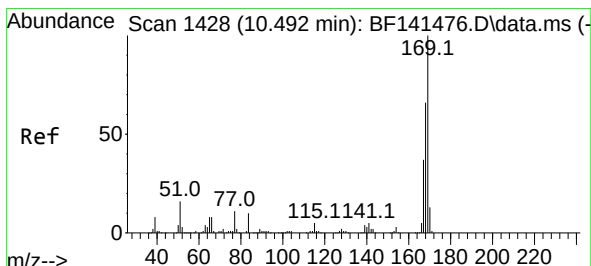
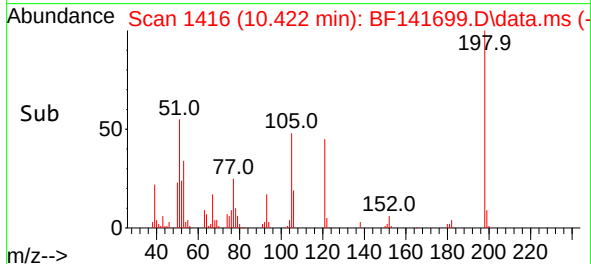
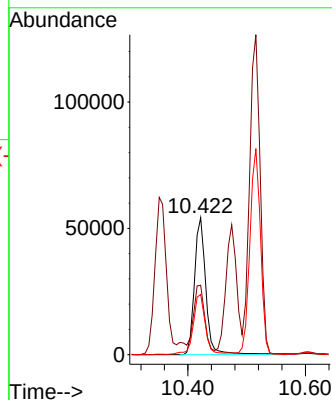
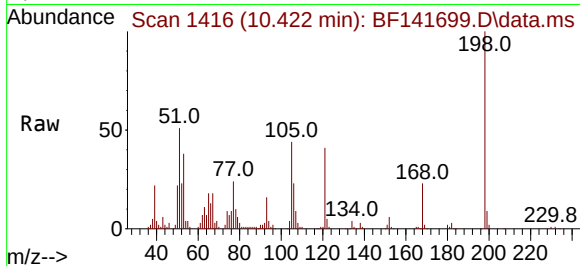




#65
4,6-Dinitro-2-methylphenol
Concen: 39.159 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

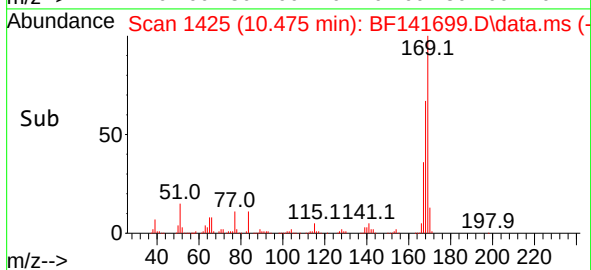
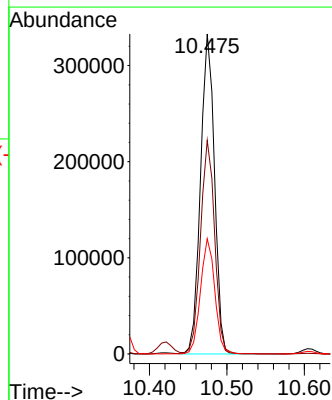
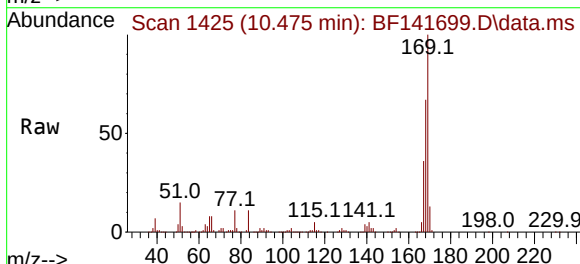
Instrument :
BNA_F
ClientSampleId :
PB166776BS

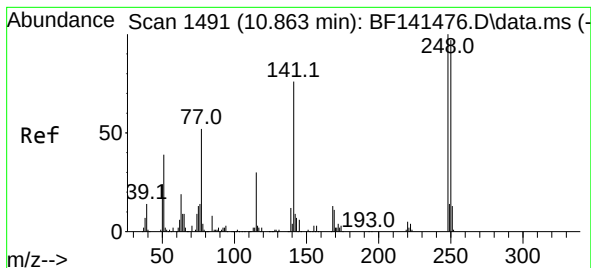
Tgt Ion:198 Resp: 73351
Ion Ratio Lower Upper
198 100
51 50.7 37.4 77.4
105 44.0 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 48.223 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:169 Resp: 416264
Ion Ratio Lower Upper
169 100
168 66.7 53.3 79.9
167 36.0 29.4 44.2

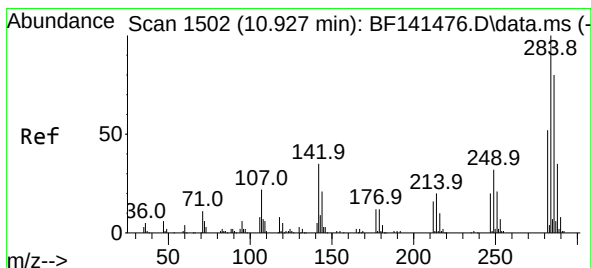
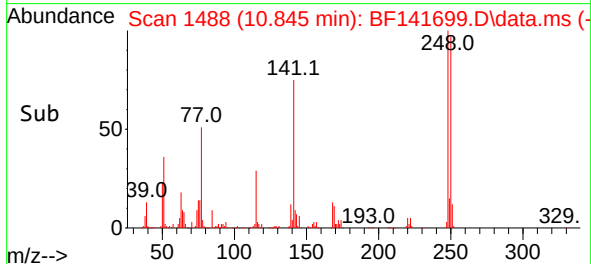
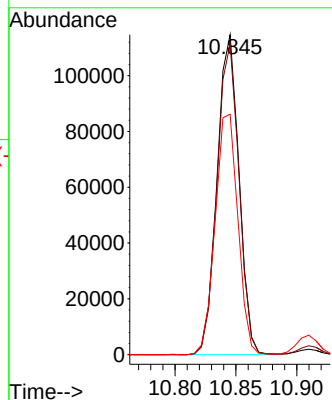
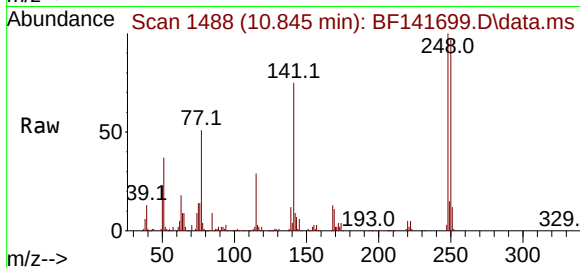




#67
4-Bromophenyl-phenylether
Concen: 47.833 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

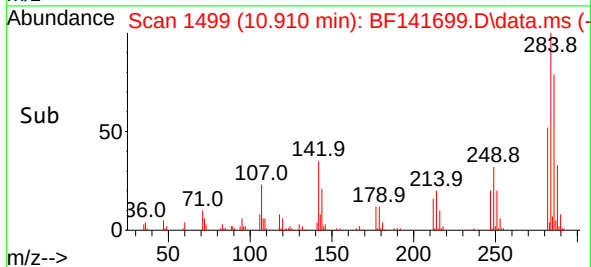
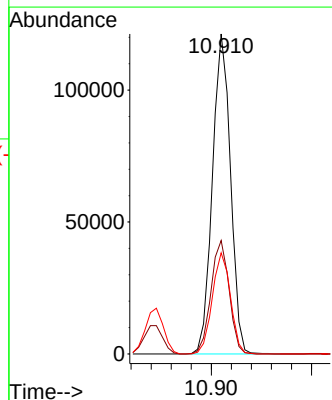
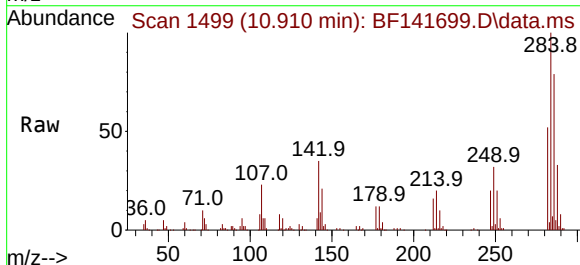
Instrument :
BNA_F
ClientSampleId :
PB166776BS

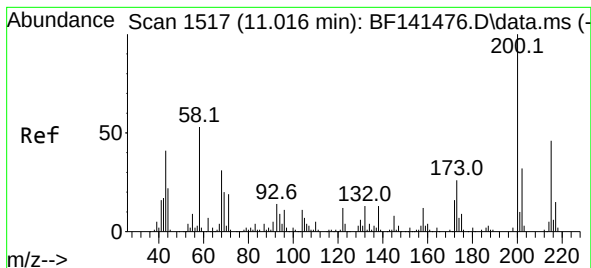
Tgt Ion:248 Resp: 144158
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.6
141 75.1 60.6 90.8



#68
Hexachlorobenzene
Concen: 48.894 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:284 Resp: 151735
Ion Ratio Lower Upper
284 100
142 35.5 28.0 42.0
249 31.6 25.8 38.8





#69

Atrazine

Concen: 59.012 ng

RT: 11.004 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

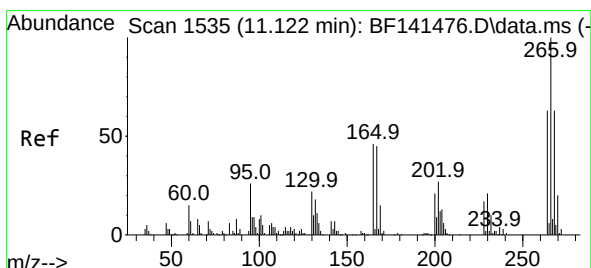
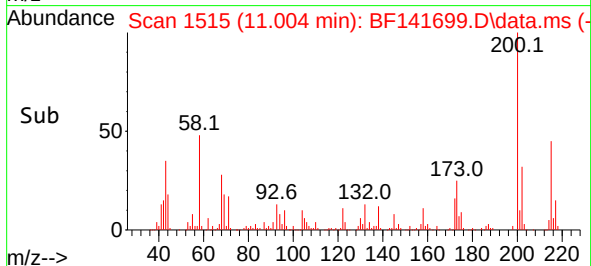
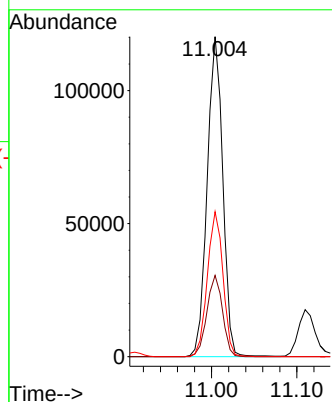
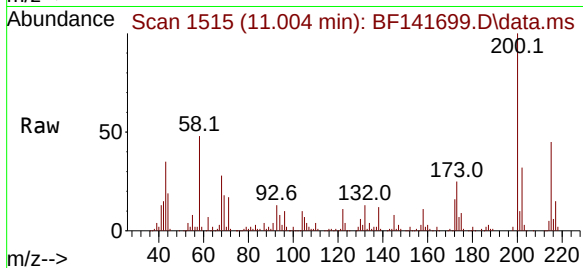
Tgt Ion:200 Resp: 152819

Ion Ratio Lower Upper

200 100

173 25.4 5.9 45.9

215 45.3 25.9 65.9



#70

Pentachlorophenol

Concen: 68.120 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

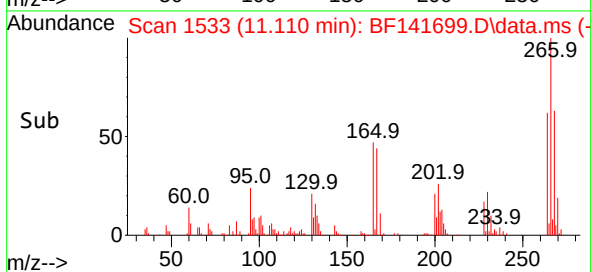
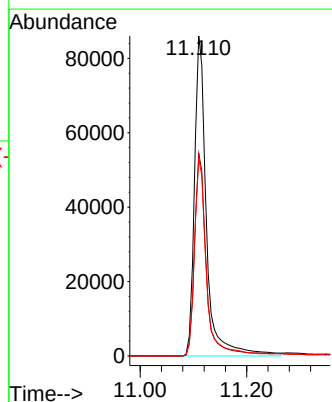
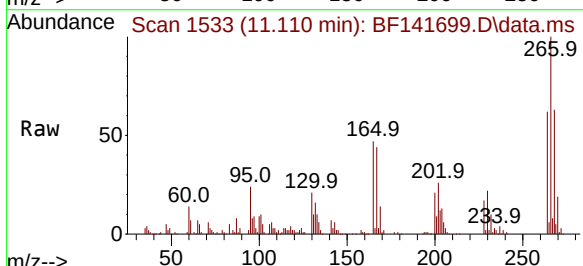
Tgt Ion:266 Resp: 135174

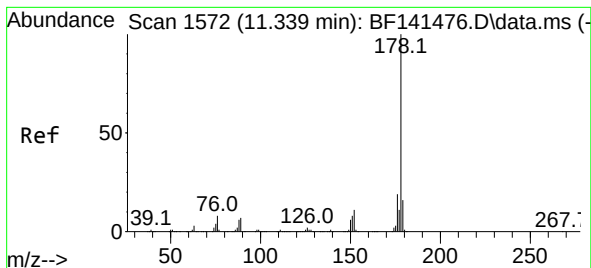
Ion Ratio Lower Upper

266 100

268 63.2 50.1 75.1

264 61.9 50.1 75.1





#71

Phenanthrene

Concen: 45.995 ng

RT: 11.322 min Scan# 1569

Delta R.T. -0.023 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

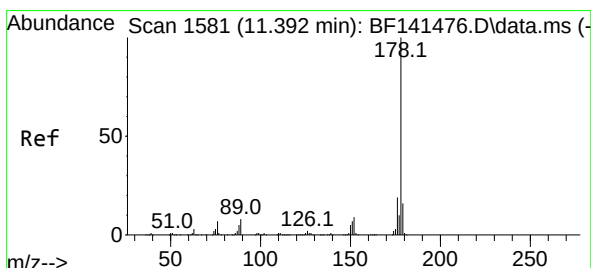
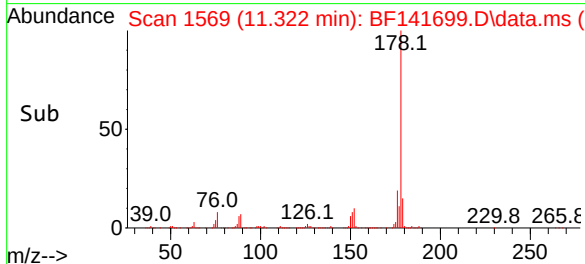
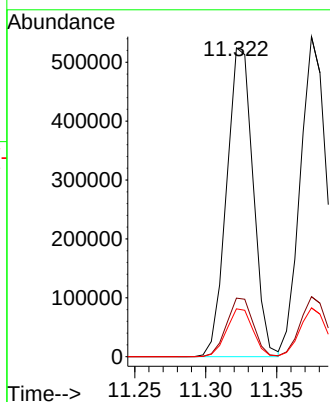
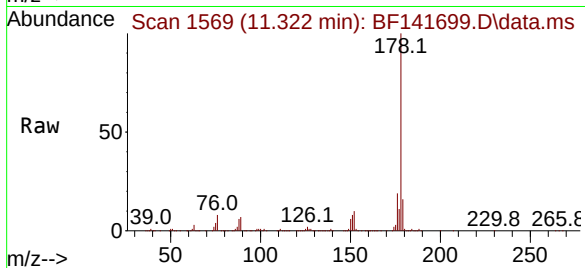
Tgt Ion:178 Resp: 682726

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.5 12.4 18.6



#72

Anthracene

Concen: 46.767 ng

RT: 11.375 min Scan# 1578

Delta R.T. -0.023 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

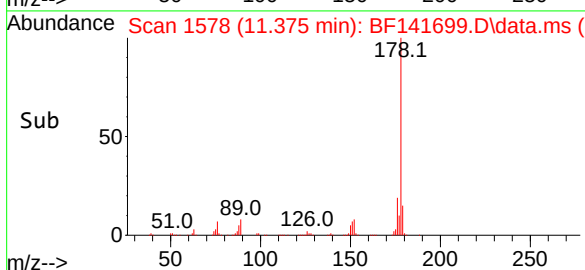
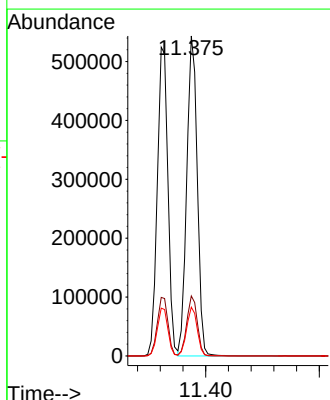
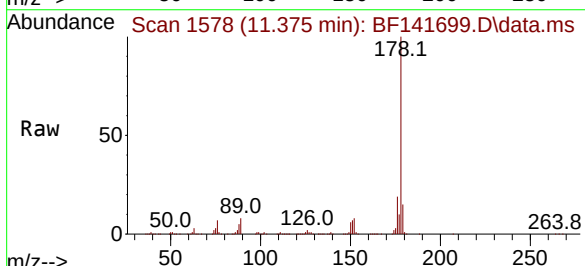
Tgt Ion:178 Resp: 697815

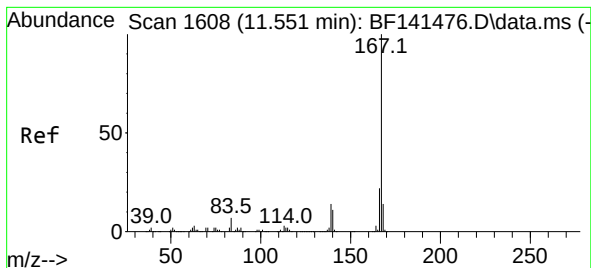
Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

179 15.3 12.4 18.6





#73

Carbazole

Concen: 42.782 ng

RT: 11.533 min Scan# 1605

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

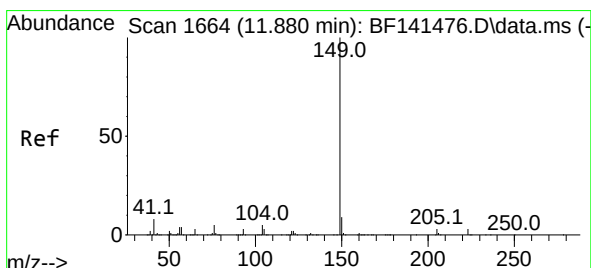
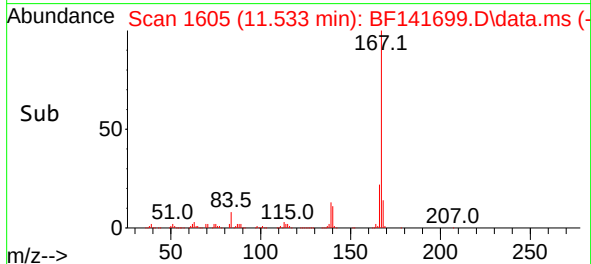
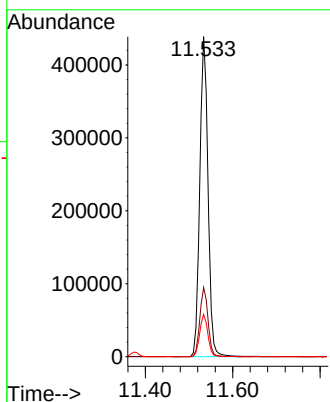
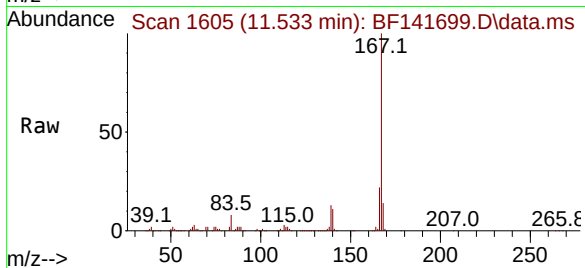
Tgt Ion:167 Resp: 574394

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 13.2 10.9 16.3



#74

Di-n-butylphthalate

Concen: 44.704 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

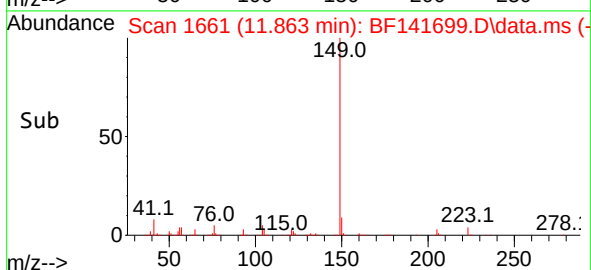
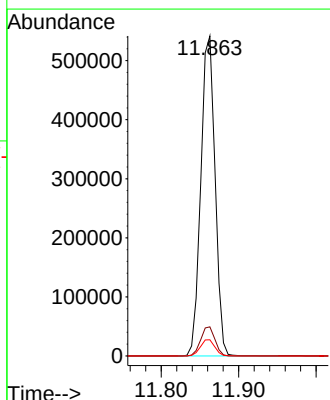
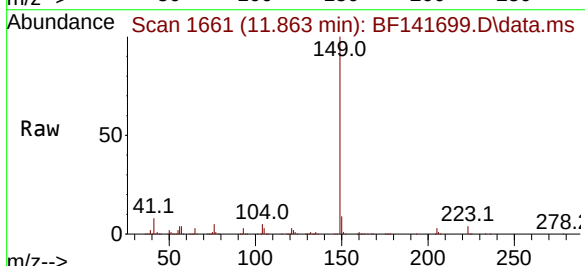
Tgt Ion:149 Resp: 693026

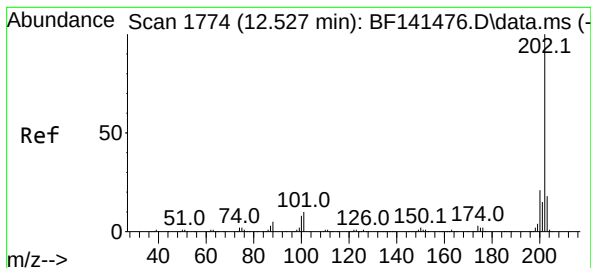
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 41.300 ng

RT: 12.510 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

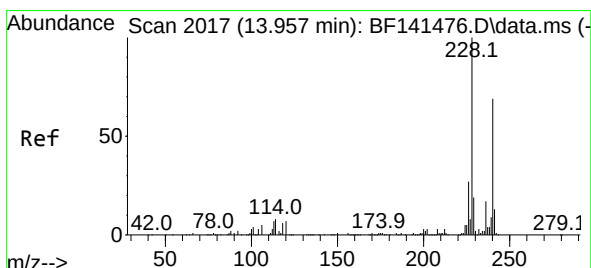
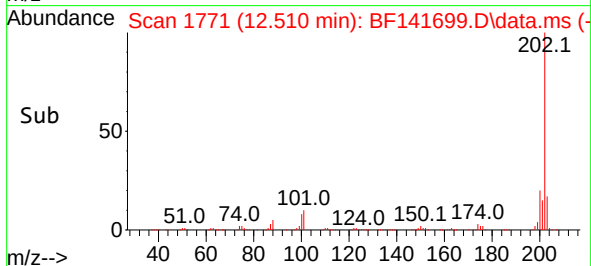
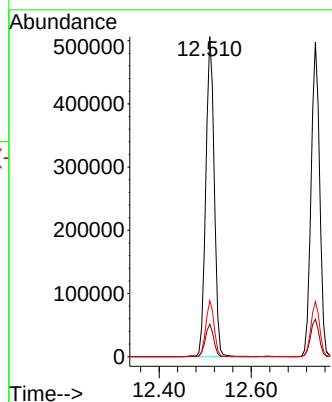
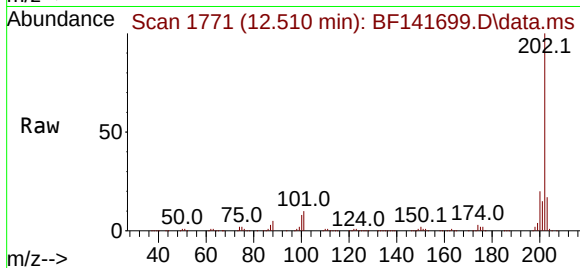
Tgt Ion:202 Resp: 649928

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.2

203 17.4 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.023 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

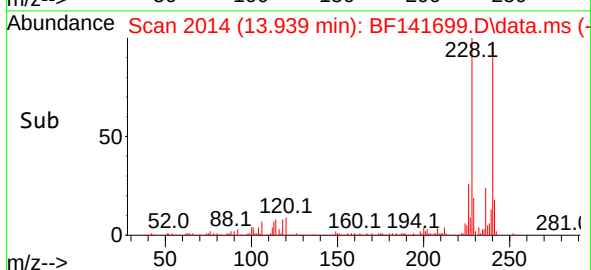
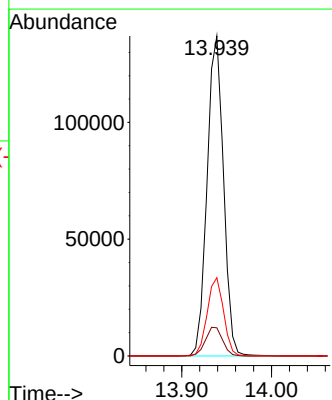
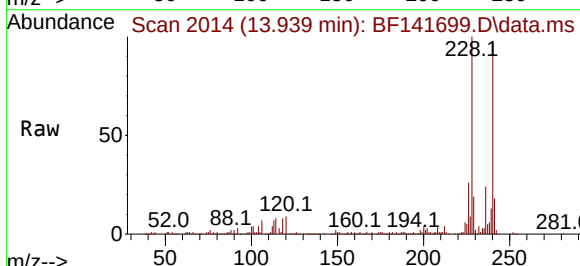
Tgt Ion:240 Resp: 173634

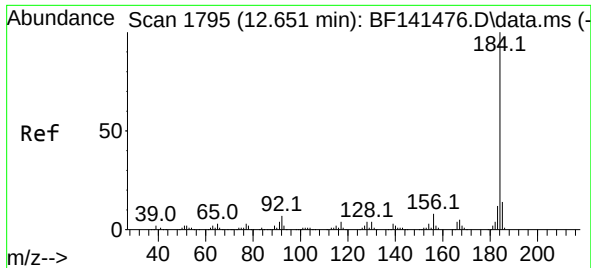
Ion Ratio Lower Upper

240 100

120 8.8 8.0 12.0

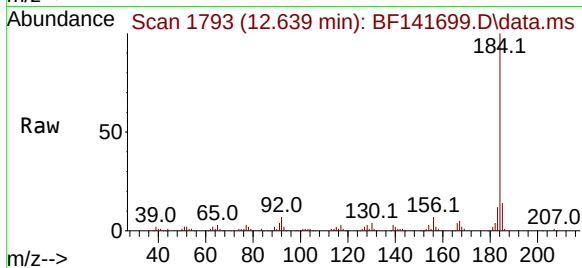
236 24.4 19.8 29.8



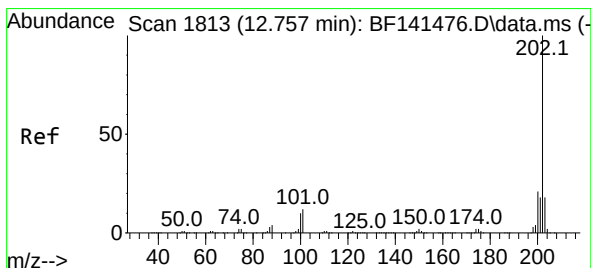
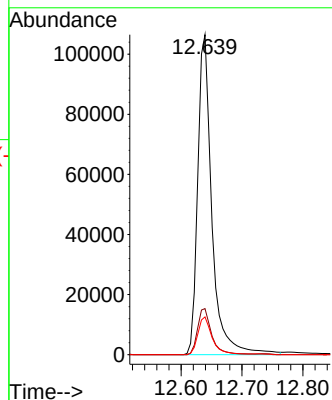
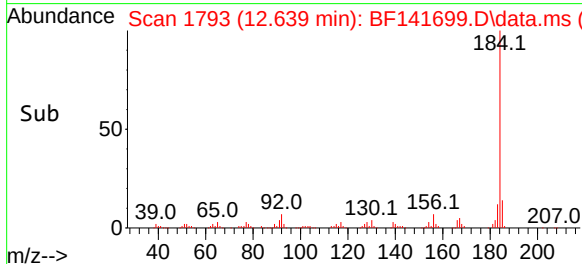


#77
Benzidine
Concen: 45.047 ng
RT: 12.639 min Scan# 1793
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

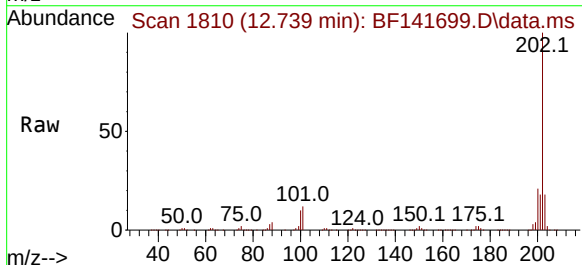
Instrument :
BNA_F
ClientSampleId :
PB166776BS



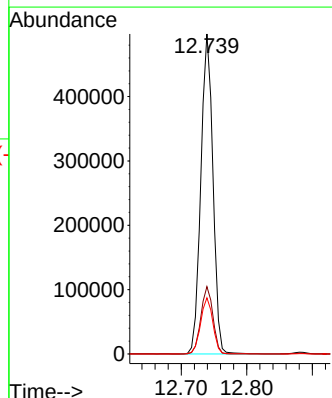
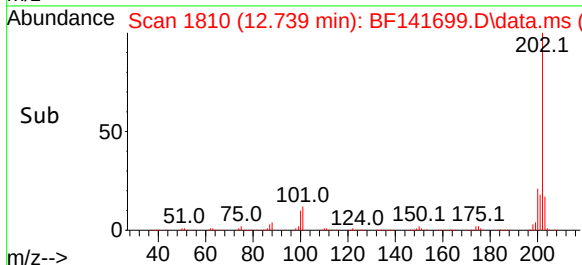
Tgt Ion:184 Resp: 172502
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 11.8 9.3 13.9

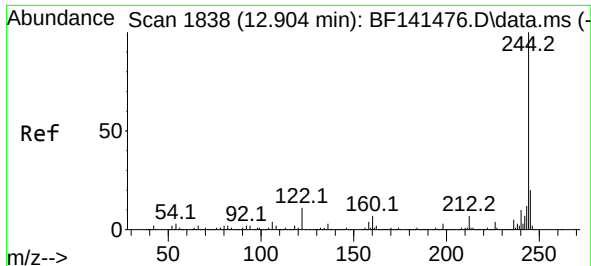


#78
Pyrene
Concen: 43.280 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03



Tgt Ion:202 Resp: 639725
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.5 14.3 21.5

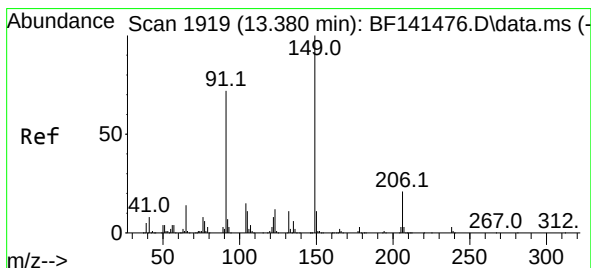
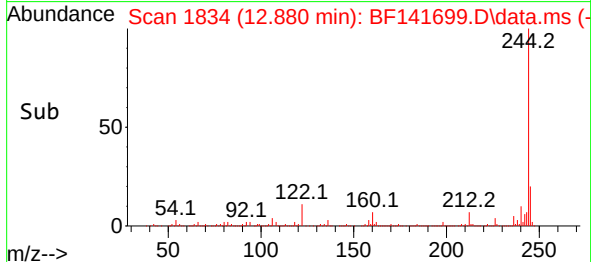
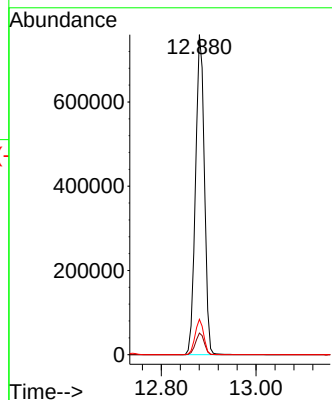
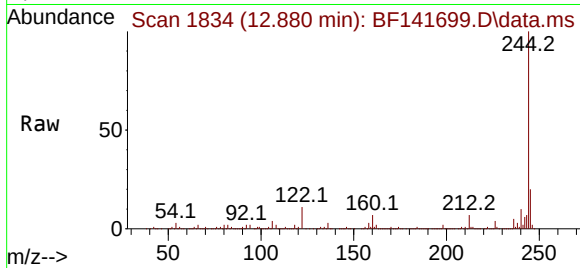




#79
 Terphenyl-d14
 Concen: 96.125 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF141699.D
 Acq: 20 Feb 2025 13:03

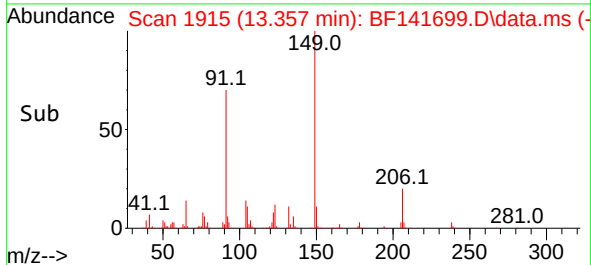
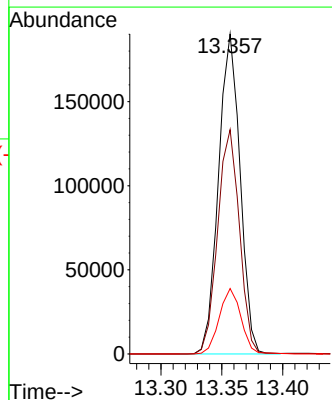
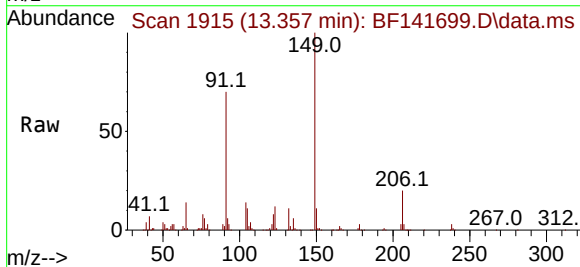
Instrument :
 BNA_F
 ClientSampleId :
 PB166776BS

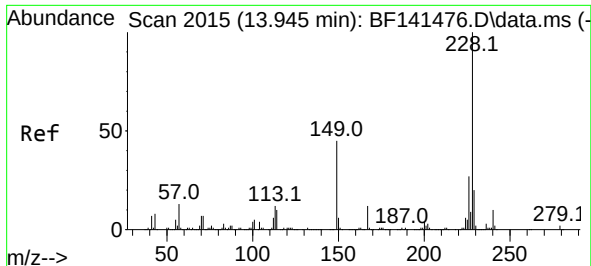
Tgt Ion:244 Resp: 988676
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.0 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 45.861 ng
 RT: 13.357 min Scan# 1915
 Delta R.T. -0.023 min
 Lab File: BF141699.D
 Acq: 20 Feb 2025 13:03

Tgt Ion:149 Resp: 234796
 Ion Ratio Lower Upper
 149 100
 91 70.1 57.8 86.8
 206 20.4 16.7 25.1

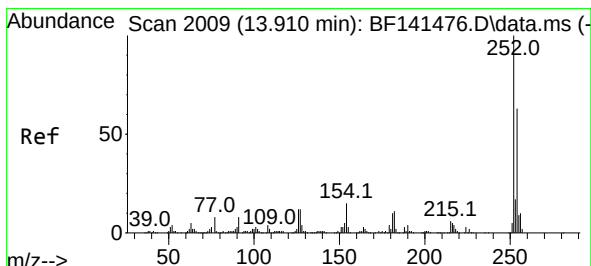
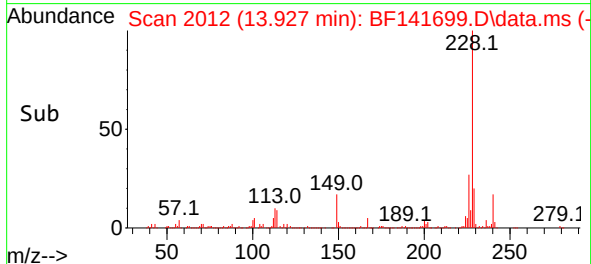
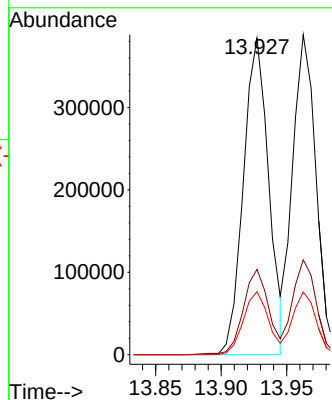
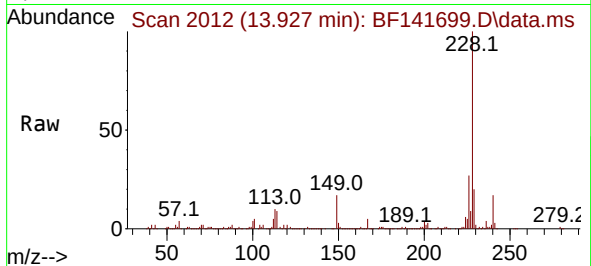




#81
Benzo(a)anthracene
Concen: 44.789 ng
RT: 13.927 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

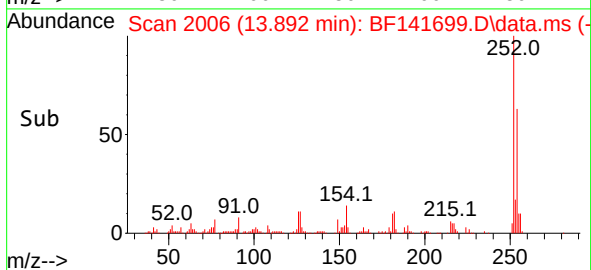
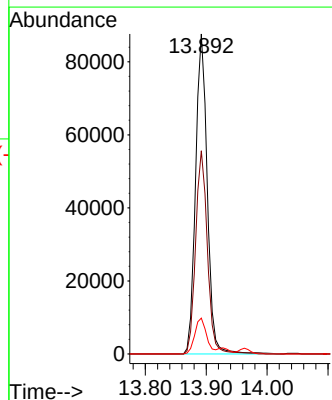
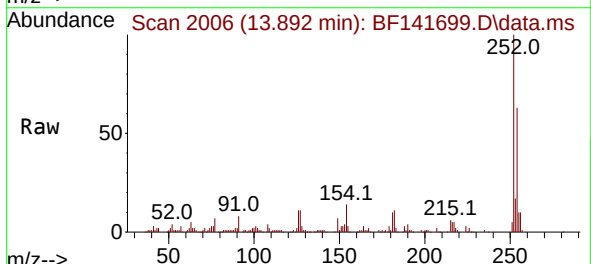
Instrument :
BNA_F
ClientSampleId :
PB166776BS

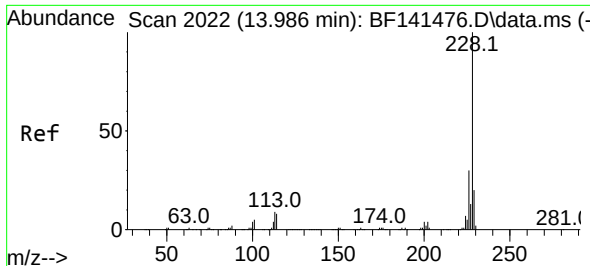
Tgt Ion:228 Resp: 516958
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 35.357 ng
RT: 13.892 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:252 Resp: 116901
Ion Ratio Lower Upper
252 100
254 63.5 50.6 76.0
126 11.2 9.3 13.9





#83

Chrysene

Concen: 45.226 ng

RT: 13.963 min Scan# 2010

Delta R.T. -0.029 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

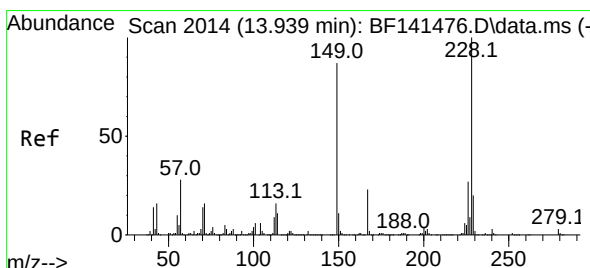
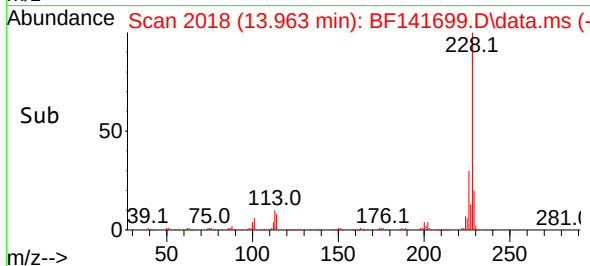
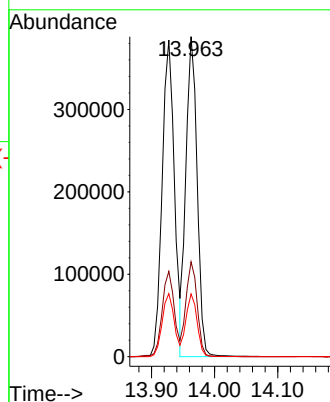
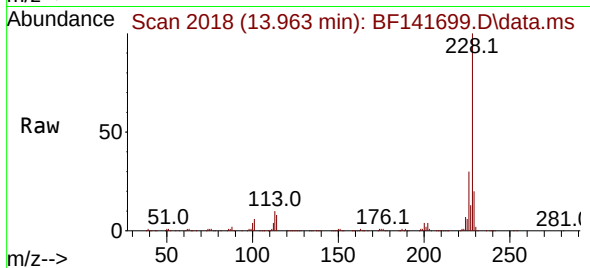
Tgt Ion:228 Resp: 481985

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.646 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

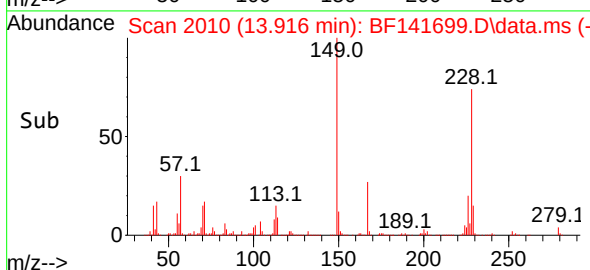
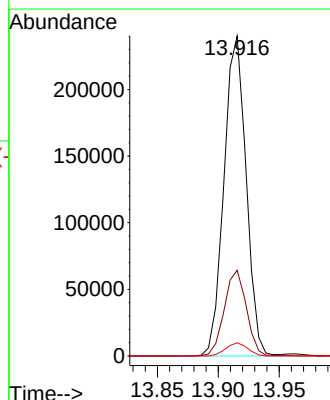
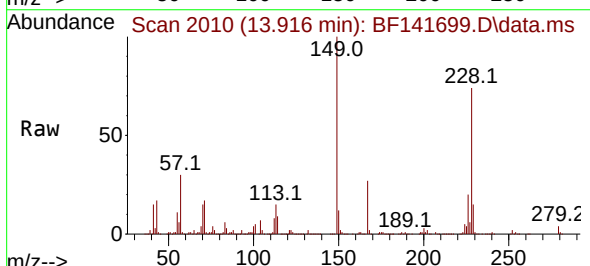
Tgt Ion:149 Resp: 303987

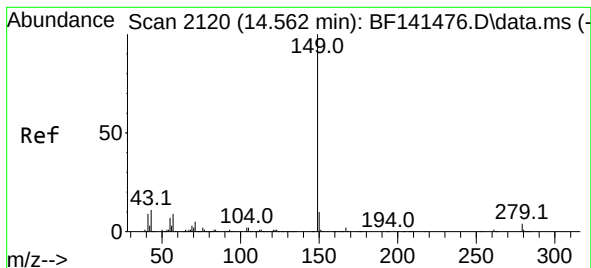
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 58.851 ng

RT: 14.527 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

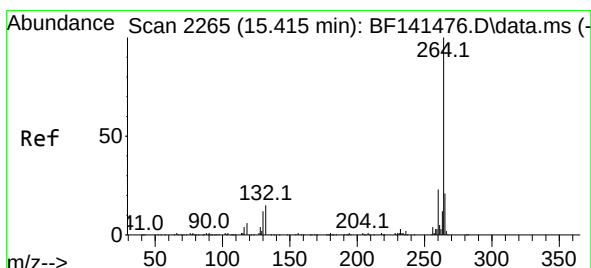
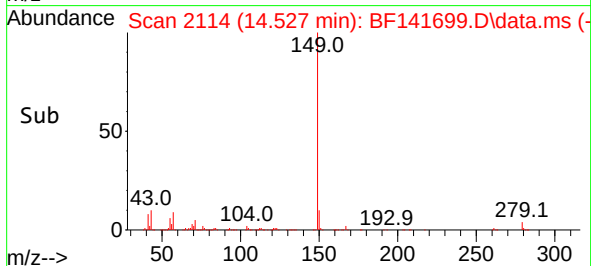
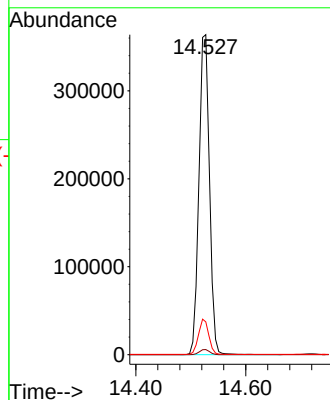
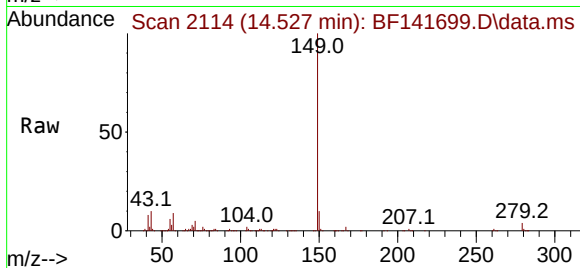
Tgt Ion:149 Resp: 484777

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.8 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.035 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

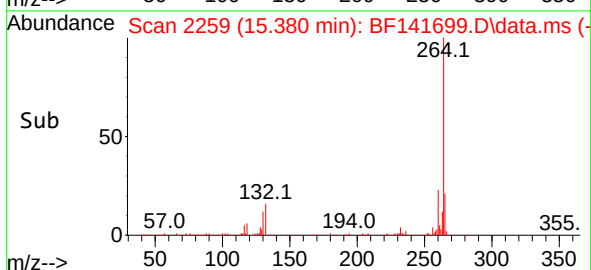
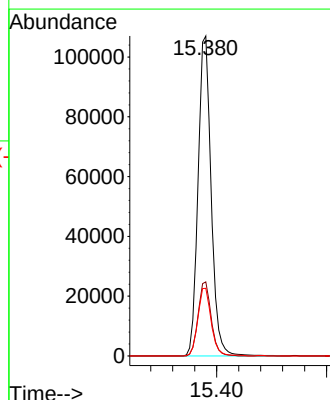
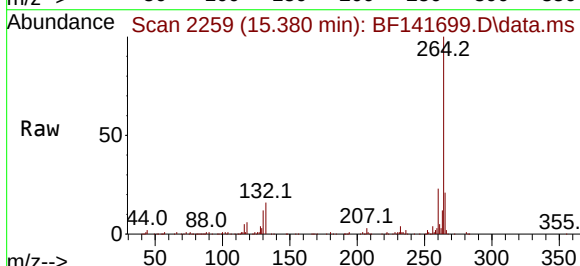
Tgt Ion:264 Resp: 176994

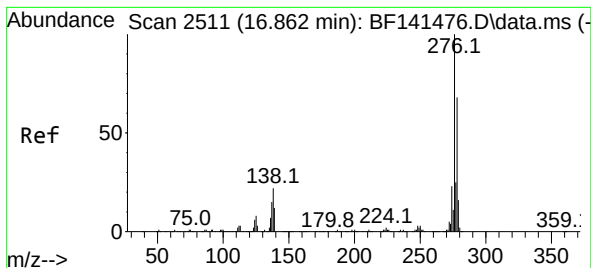
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.864 ng

RT: 16.809 min Scan# 2188

Delta R.T. -0.065 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

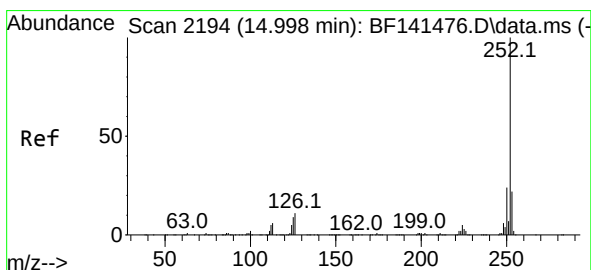
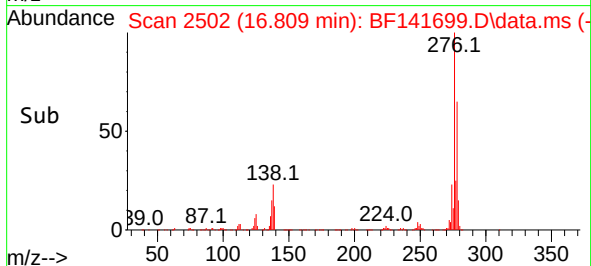
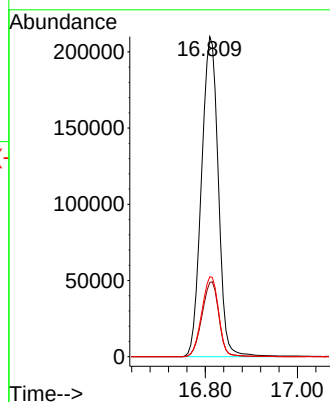
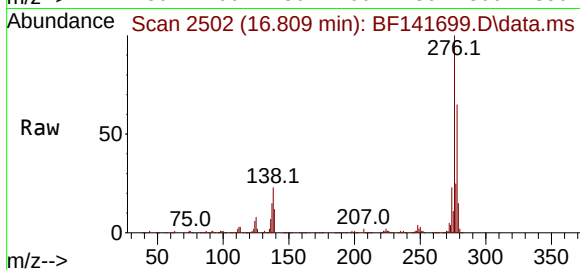
Tgt Ion:276 Resp: 534394

Ion Ratio Lower Upper

276 100

138 23.5 18.0 27.0

277 25.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 40.434 ng

RT: 14.963 min Scan# 2188

Delta R.T. -0.041 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

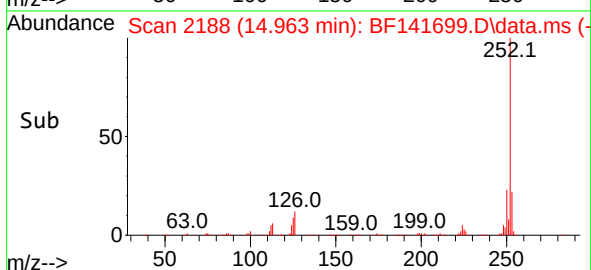
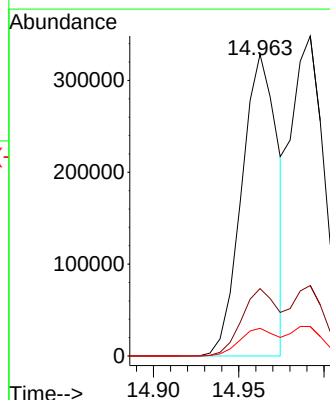
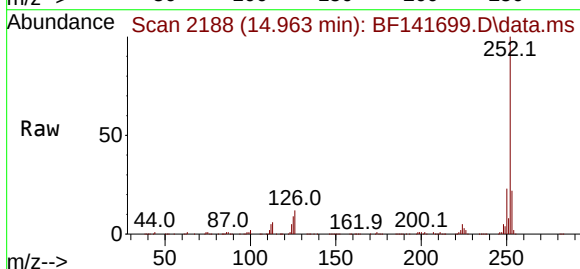
Tgt Ion:252 Resp: 480528

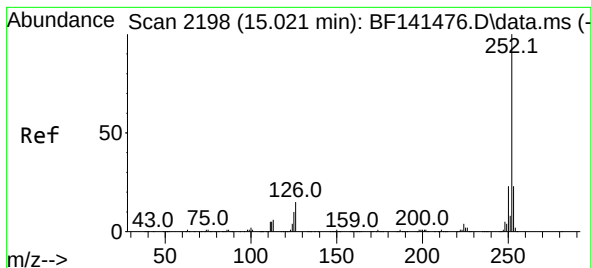
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 46.881 ng

RT: 14.992 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

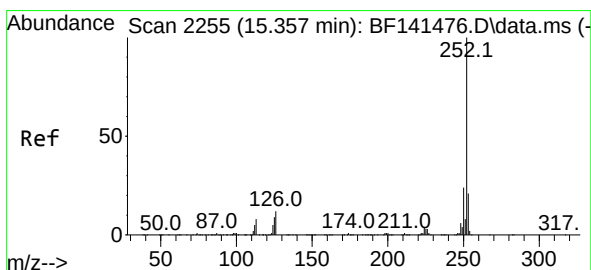
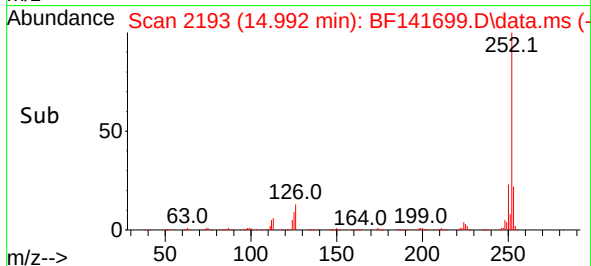
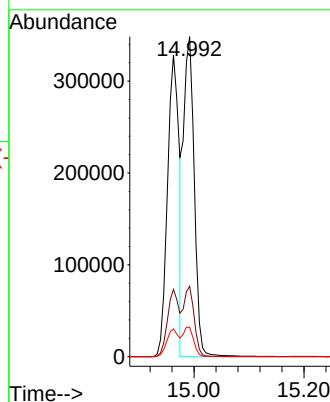
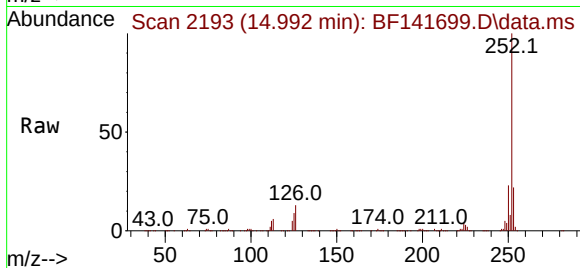
Tgt Ion:252 Resp: 475753

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 9.2 7.4 11.0



#90

Benzo(a)pyrene

Concen: 48.220 ng

RT: 15.315 min Scan# 2248

Delta R.T. -0.047 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

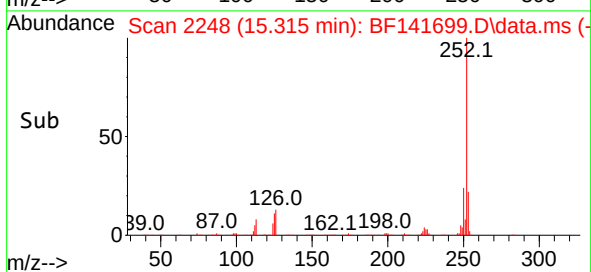
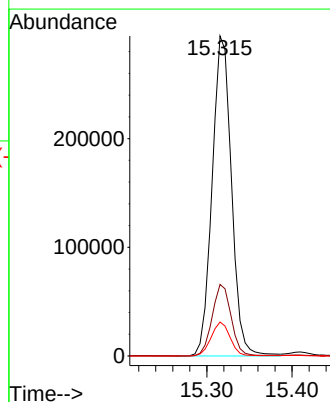
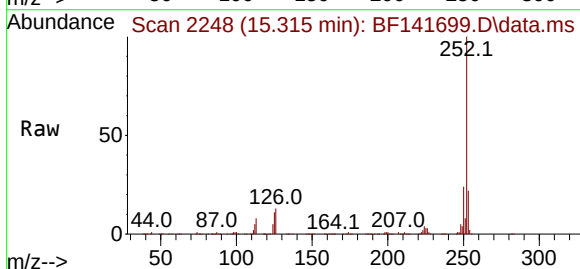
Tgt Ion:252 Resp: 463704

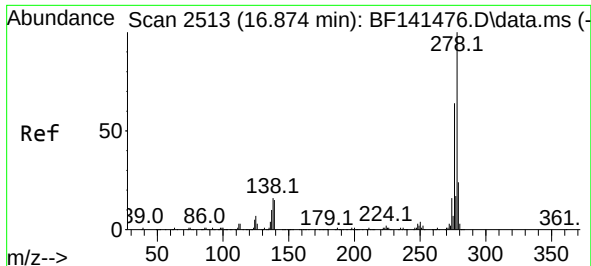
Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 10.6 7.4 11.2

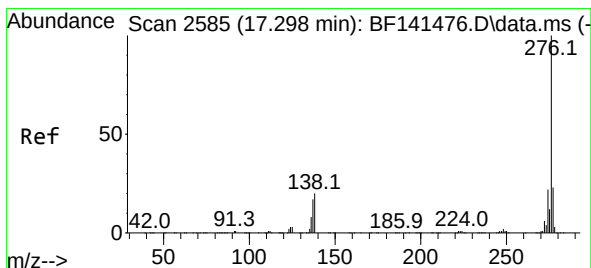
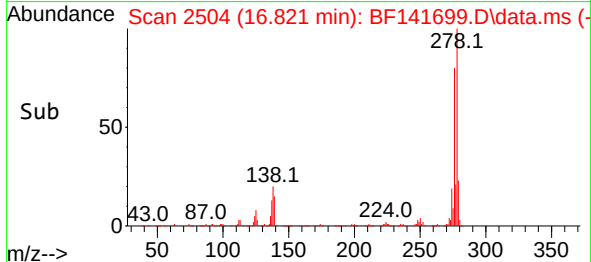
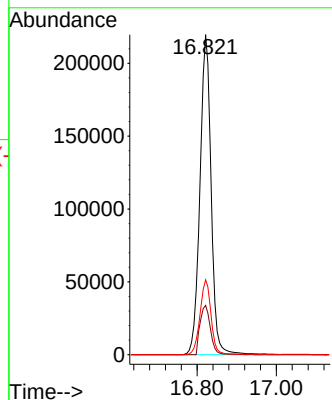
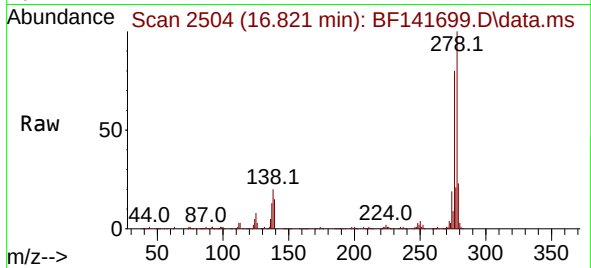




#91
Dibenzo(a,h)anthracene
Concen: 48.511 ng
RT: 16.821 min Scan# 21
Delta R.T. -0.070 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Instrument :
BNA_F
ClientSampleId :
PB166776BS

Tgt Ion:278 Resp: 429886
Ion Ratio Lower Upper
278 100
139 15.4 11.8 17.6
279 23.4 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 44.452 ng
RT: 17.239 min Scan# 2575
Delta R.T. -0.076 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:276 Resp: 412214
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 20.5 15.9 23.9

