

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136899.D
 Acq On : 03 Jan 2024 10:15
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 03 11:11:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	74516	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	293935	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	153231	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	298165	20.000	ng	0.00
76) Chrysene-d12	13.968	240	163608	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	138737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	393663	82.429	ng	0.00
7) Phenol-d6	6.434	99	505014	81.608	ng	0.00
23) Nitrobenzene-d5	7.351	82	463063	80.615	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	144237	79.926	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	915377	80.347	ng	-0.01
79) Terphenyl-d14	12.904	244	983591	84.014	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	79148	39.775	ng	99
3) Pyridine	3.299	79	195616	40.291	ng	96
4) n-Nitrosodimethylamine	3.275	42	98151	37.857	ng	94
6) Aniline	6.451	93	235985	38.142	ng	# 39
8) 2-Chlorophenol	6.575	128	214620	41.065	ng	94
9) Benzaldehyde	6.340	77	130361	37.036	ng	97
10) Phenol	6.445	94	267611	40.510	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	203307	40.469	ng	96
12) 1,3-Dichlorobenzene	6.722	146	234208	41.079	ng	99
13) 1,4-Dichlorobenzene	6.798	146	237378	40.748	ng	99
14) 1,2-Dichlorobenzene	6.951	146	221781	40.914	ng	99
15) Benzyl Alcohol	6.934	79	172433	41.303	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	320341	39.001	ng	81
17) 2-Methylphenol	7.045	107	170112	39.290	ng	98
18) Hexachloroethane	7.287	117	84503	39.942	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	147472	39.312	ng	93
20) 3+4-Methylphenols	7.198	107	218670	40.427	ng	91
22) Acetophenone	7.192	105	297958	40.442	ng	# 92
24) Nitrobenzene	7.369	77	231012	40.147	ng	96
25) Isophorone	7.604	82	414299	39.638	ng	100
26) 2-Nitrophenol	7.681	139	117144	42.551	ng	95
27) 2,4-Dimethylphenol	7.722	122	137774	41.106	ng	94
28) bis(2-Chloroethoxy)met...	7.816	93	254072	39.990	ng	98
29) 2,4-Dichlorophenol	7.928	162	179217	41.534	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	197062	40.989	ng	99
31) Naphthalene	8.081	128	661875	40.988	ng	100
32) Benzoic acid	7.863	122	117377	36.194	ng	97
33) 4-Chloroaniline	8.139	127	231084	38.759	ng	96
34) Hexachlorobutadiene	8.198	225	118818	40.677	ng	99
35) Caprolactam	8.522	113	66805	46.931	ng	100
36) 4-Chloro-3-methylphenol	8.628	107	195026	40.148	ng	97
37) 2-Methylnaphthalene	8.775	142	419977	40.412	ng	99
38) 1-Methylnaphthalene	8.875	142	413870	40.592	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	197165	41.548	ng	100
41) Hexachlorocyclopentadiene	8.922	237	75828	51.945	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	122074	40.111	ng	97

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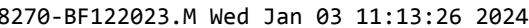
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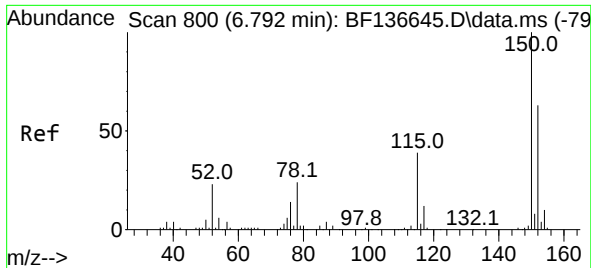
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	136875	40.359	ng	97
46) 1,1'-Biphenyl	9.239	154	523594	40.720	ng	98
47) 2-Chloronaphthalene	9.269	162	400239	40.944	ng	97
48) 2-Nitroaniline	9.369	65	124025	40.517	ng	96
49) Acenaphthylene	9.680	152	604186	40.438	ng	99
50) Dimethylphthalate	9.545	163	451907	40.376	ng	99
51) 2,6-Dinitrotoluene	9.616	165	106823	42.054	ng	95
52) Acenaphthene	9.851	154	375820	40.578	ng	99
53) 3-Nitroaniline	9.786	138	105952	39.376	ng	90
54) 2,4-Dinitrophenol	9.892	184	59402	43.960	ng	# 83
55) Dibenzofuran	10.028	168	558655	39.791	ng	97
56) 4-Nitrophenol	9.957	139	82397	45.362	ng	99
57) 2,4-Dinitrotoluene	10.022	165	134310	40.730	ng	96
58) Fluorene	10.369	166	451247	40.507	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	98612	37.773	ng	99
60) Diethylphthalate	10.245	149	465194	40.059	ng	97
61) 4-Chlorophenyl-phenyle...	10.363	204	213087	39.353	ng	97
62) 4-Nitroaniline	10.404	138	105849	40.806	ng	94
63) Azobenzene	10.522	77	428704	39.525	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	70313	41.148	ng	81
66) n-Nitrosodiphenylamine	10.486	169	391457	40.416	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	134845	40.722	ng	98
68) Hexachlorobenzene	10.916	284	153001	41.462	ng	96
69) Atrazine	11.016	200	107408	43.356	ng	100
70) Pentachlorophenol	11.116	266	56156	32.648	ng	98
71) Phenanthrene	11.333	178	630624	41.220	ng	99
72) Anthracene	11.386	178	630955	40.723	ng	99
73) Carbazole	11.551	167	594119	40.671	ng	99
74) Di-n-butylphthalate	11.874	149	742569	41.659	ng	100
75) Fluoranthene	12.533	202	670382	40.965	ng	99
77) Benzidine	12.657	184	191380	39.672	ng	98
78) Pyrene	12.763	202	670836	41.768	ng	99
80) Butylbenzylphthalate	13.380	149	257609	44.080	ng	96
81) Benzo(a)anthracene	13.957	228	467546	41.154	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	133543	41.391	ng	99
83) Chrysene	13.992	228	452063	40.691	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	337455	45.894	ng	97
85) Di-n-octyl phthalate	14.563	149	467796	41.129	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	413017	41.232	ng	100
88) Benzo(b)fluoranthene	15.010	252	384218	41.464	ng	98
89) Benzo(k)fluoranthene	15.039	252	341884	39.046	ng	98
90) Benzo(a)pyrene	15.386	252	317319	40.569	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	338762	41.222	ng	99
92) Benzo(g,h,i)perylene	17.415	276	351309	41.738	ng	99

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

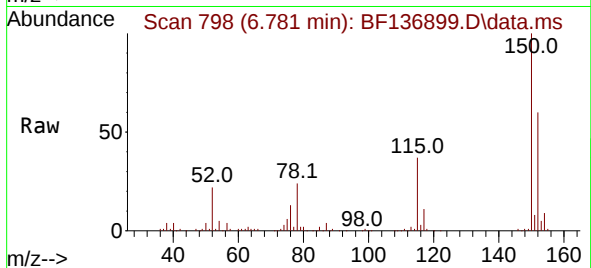
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QLast Update : Thu Dec 21 01:54:25 2023
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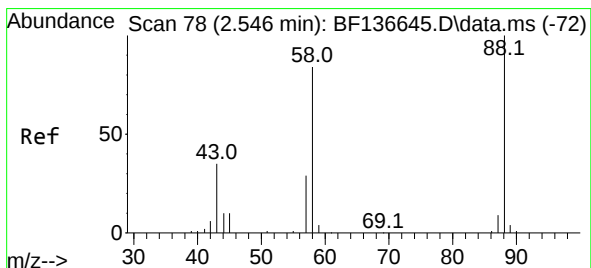
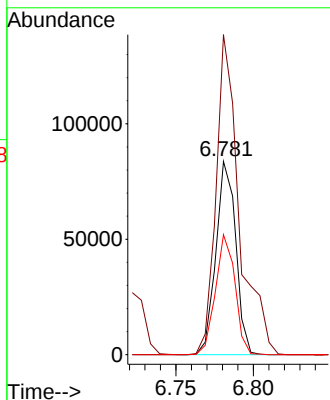
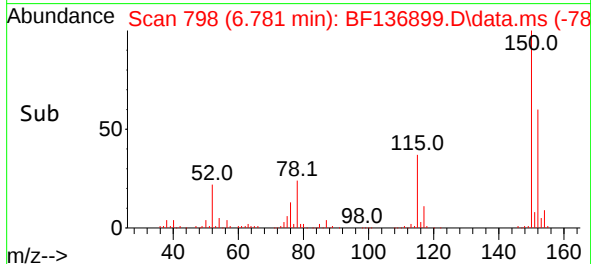


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136899.D
 Acq: 03 Jan 2024 10:15

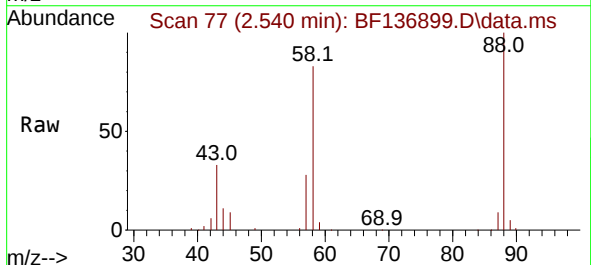
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 BNA_F
 ClientSampleId :



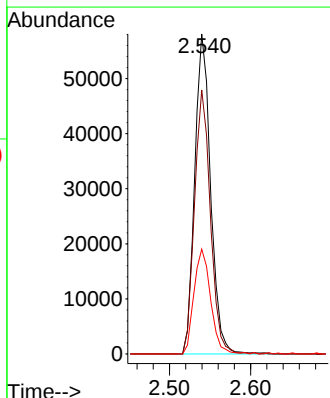
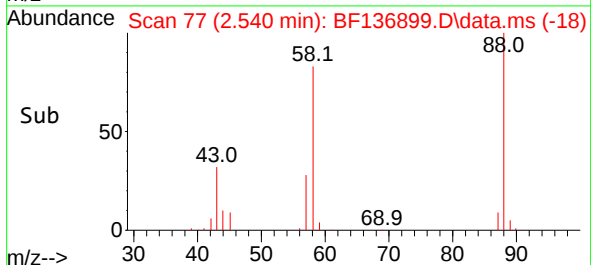
Tgt Ion:152 Resp: 74516
 Ion Ratio Lower Upper
 152 100
 150 165.5 127.0 190.6
 115 62.1 49.0 73.4

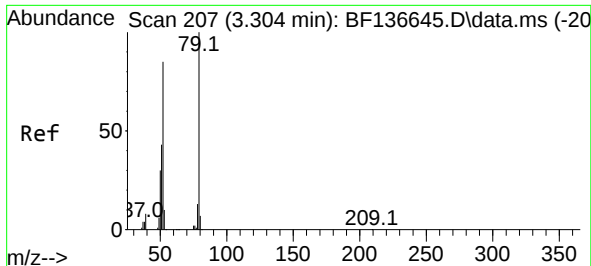


#2
 1,4-Dioxane
 Concen: 39.775 ng
 RT: 2.540 min Scan# 77
 Delta R.T. -0.006 min
 Lab File: BF136899.D
 Acq: 03 Jan 2024 10:15



Tgt Ion: 88 Resp: 79148
 Ion Ratio Lower Upper
 88 100
 58 82.8 67.4 101.0
 43 34.4 27.7 41.5

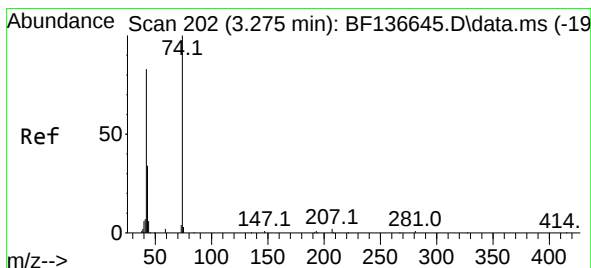
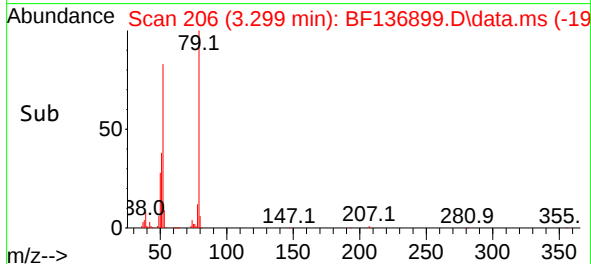
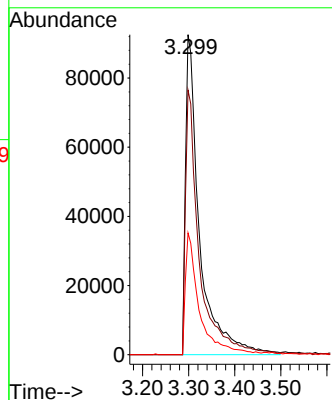
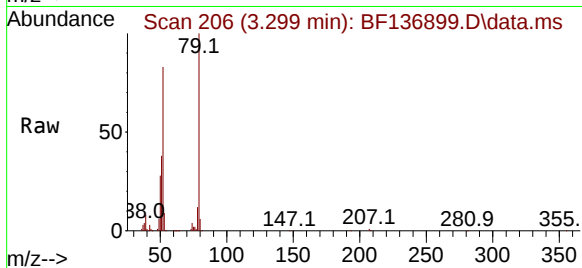




#3
Pyridine
Concen: 40.291 ng
RT: 3.299 min Scan# 207
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

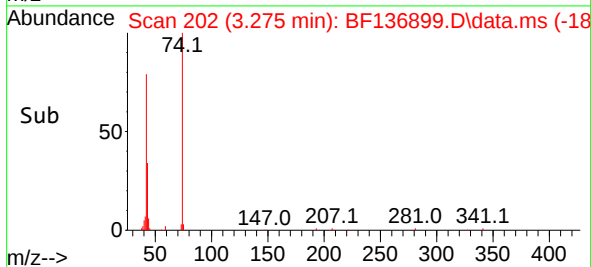
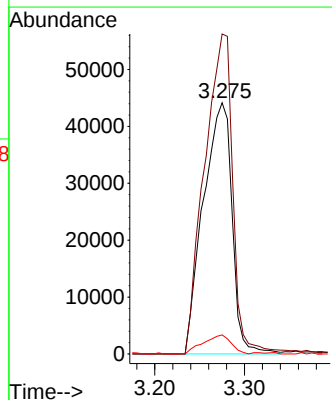
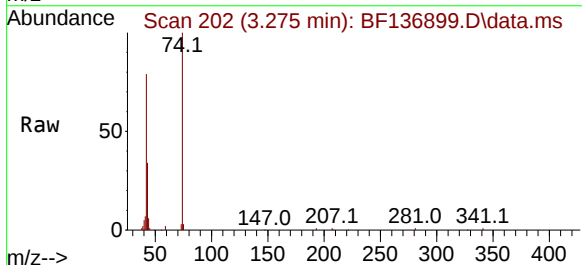
Instrument :
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ClientSampleId :

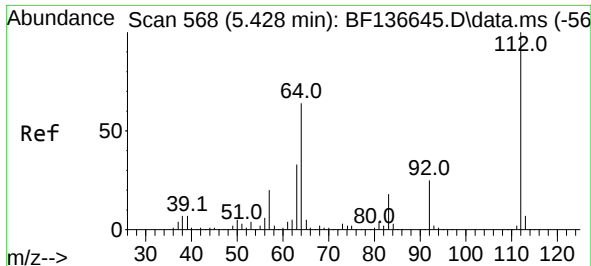
Tgt Ion: 79 Resp: 195616
Ion Ratio Lower Upper
79 100
52 82.7 67.7 101.5
51 38.0 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 37.857 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.000 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Tgt Ion: 42 Resp: 98151
Ion Ratio Lower Upper
42 100
74 127.4 96.0 144.0
44 7.6 5.4 8.2

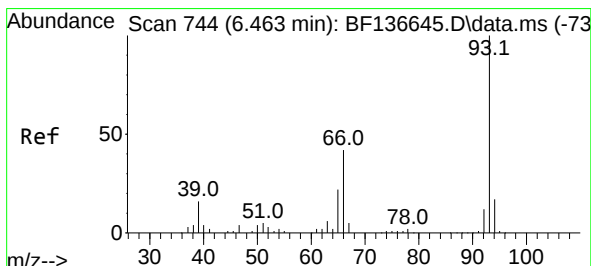
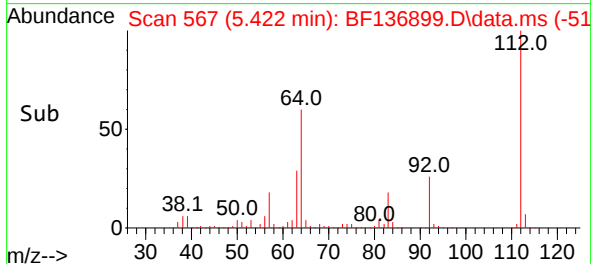
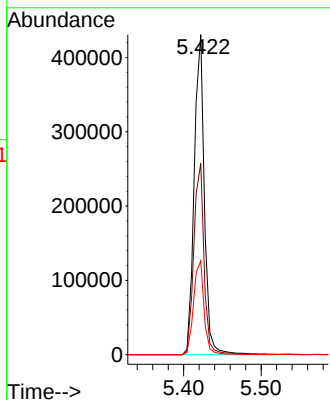
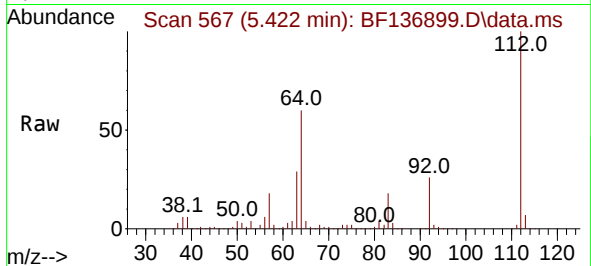




#5
2-Fluorophenol
Concen: 82.429 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

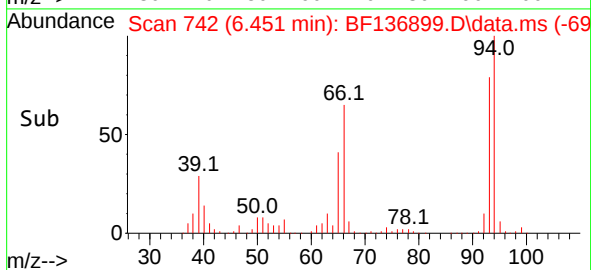
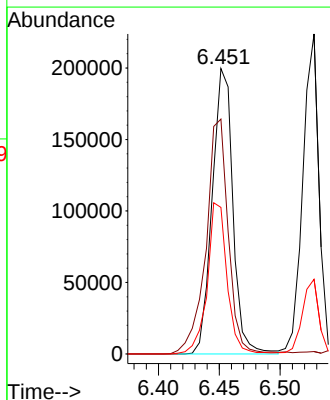
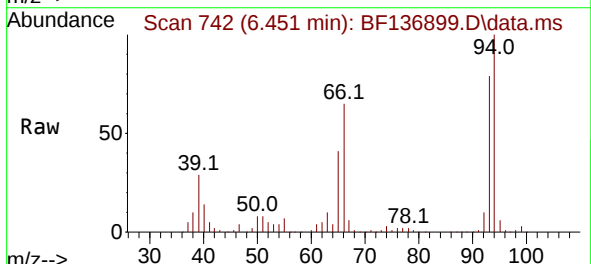
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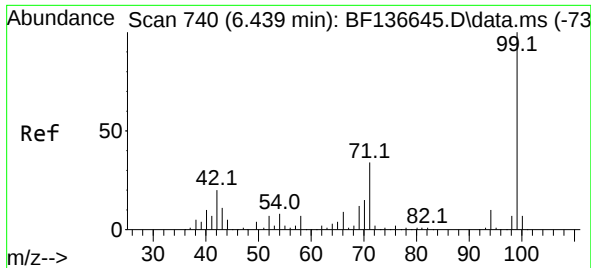
Tgt Ion:112 Resp: 393663
Ion Ratio Lower Upper
112 100
64 59.8 51.1 76.7
63 29.4 26.1 39.1



#6
Aniline
Concen: 38.142 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

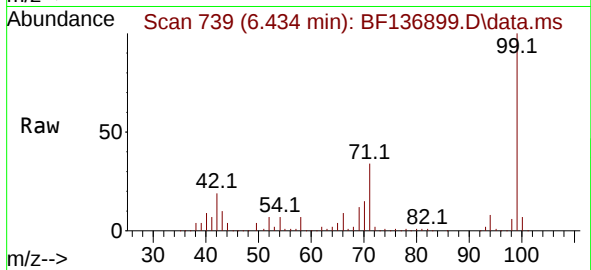
Tgt Ion: 93 Resp: 235985
Ion Ratio Lower Upper
93 100
66 82.2 34.6 51.8#
65 51.3 17.8 26.8#





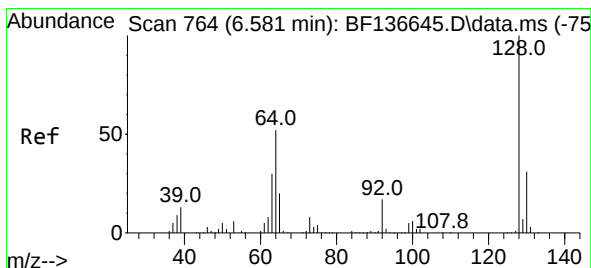
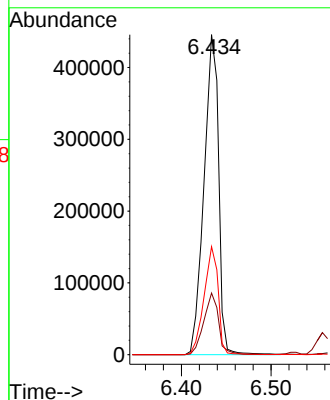
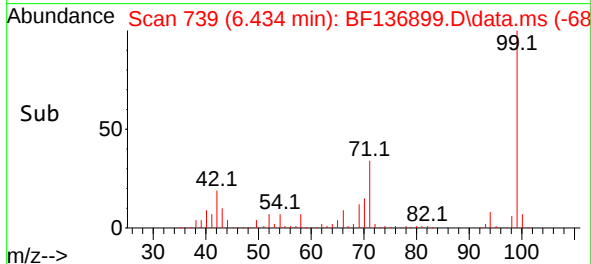
#7
Phenol-d6
Concen: 81.608 ng
RT: 6.434 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Instrument :
BNA_F
ClientSampleId :

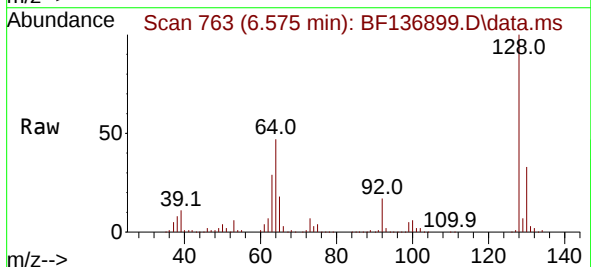


Tgt Ion: 99 Resp: 505014

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.1	24.1
71	33.8	27.4	41.2

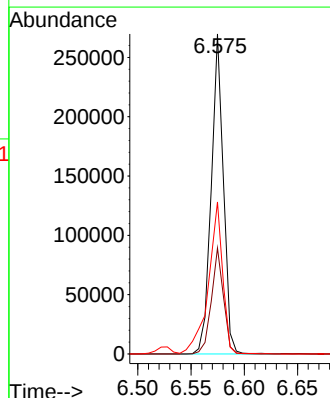
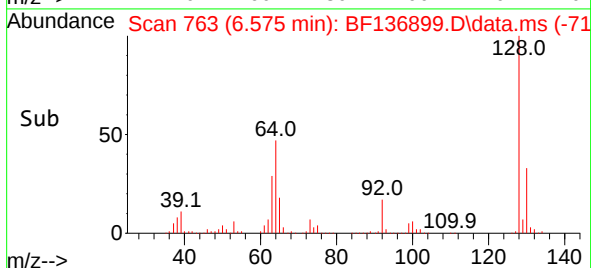


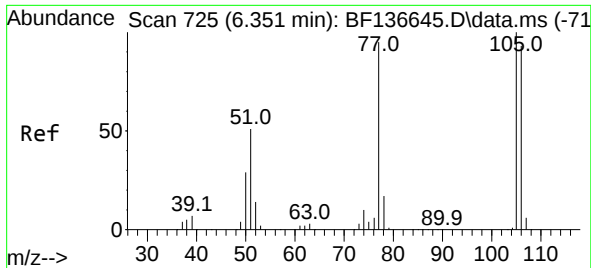
#8
2-Chlorophenol
Concen: 41.065 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15



Tgt Ion: 128 Resp: 214620

Ion	Ratio	Lower	Upper
128	100		
130	33.1	11.3	51.3
64	47.5	32.5	72.5





#9

Benzaldehyde

Concen: 37.036 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

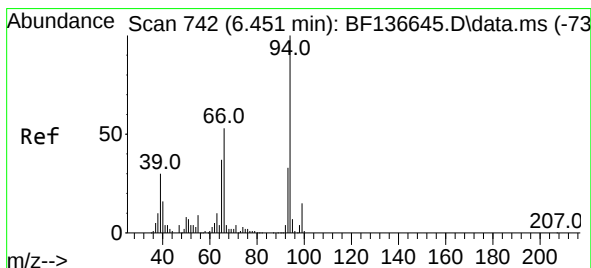
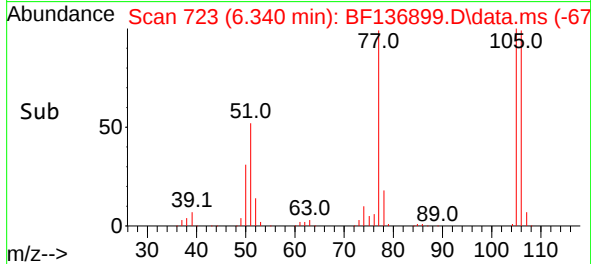
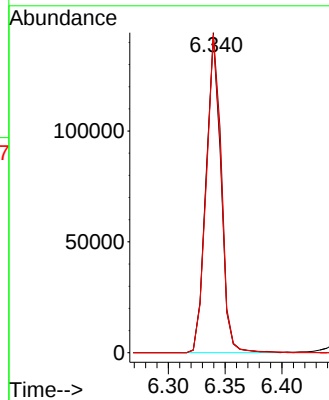
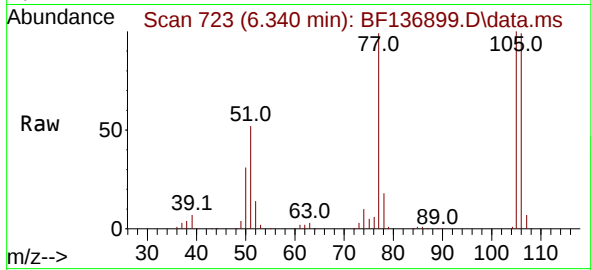
Tgt Ion: 77 Resp: 130361

Ion Ratio Lower Upper

77 100

105 101.2 84.8 124.8

106 100.4 77.8 117.8



#10

Phenol

Concen: 40.510 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

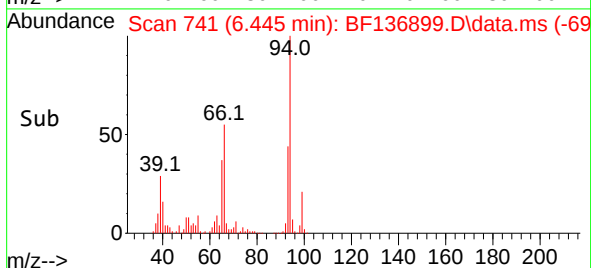
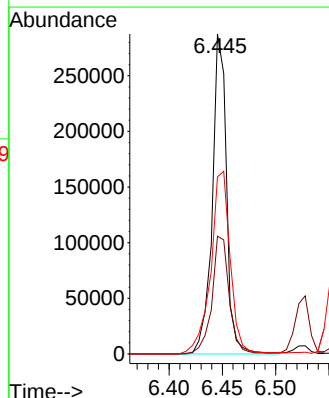
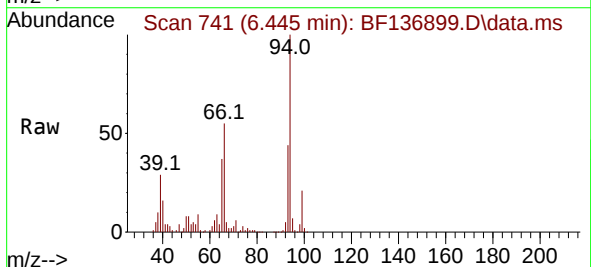
Tgt Ion: 94 Resp: 267611

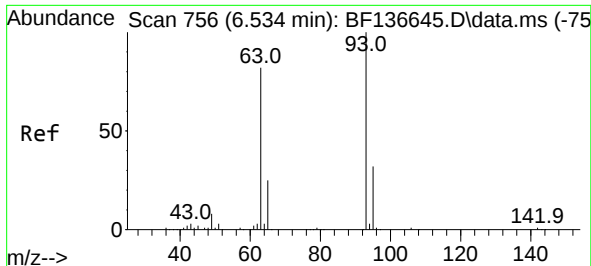
Ion Ratio Lower Upper

94 100

65 36.8 16.6 56.6

66 55.3 32.6 72.6

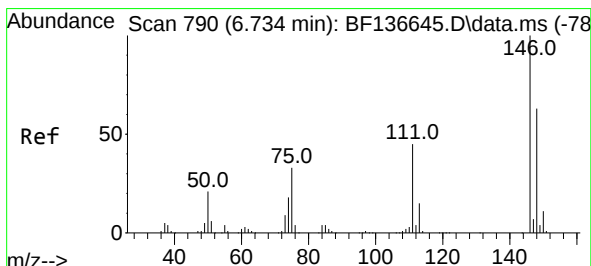
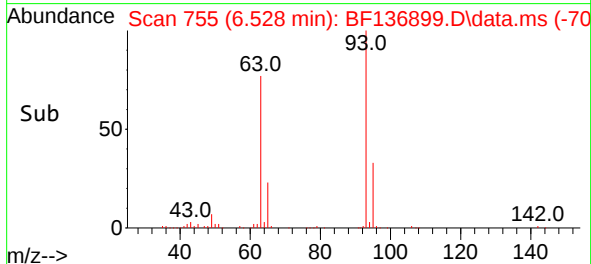
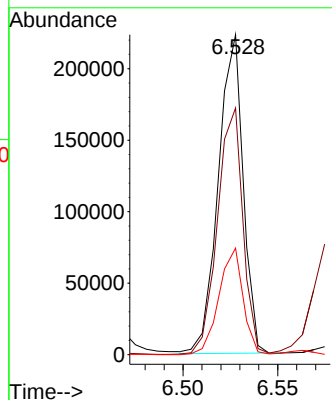
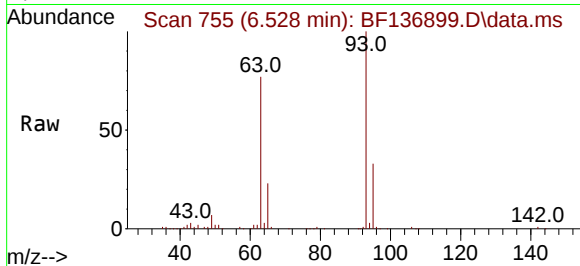




#11
bis(2-Chloroethyl)ether
Concen: 40.469 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

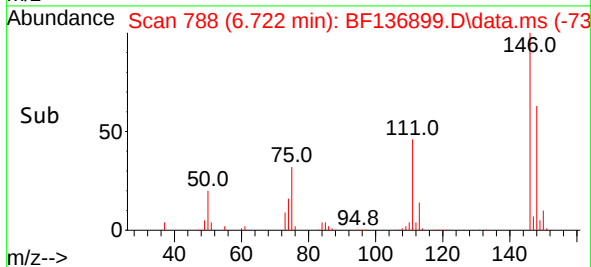
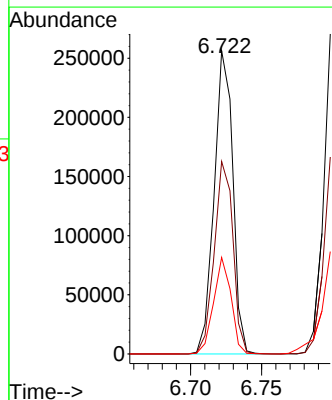
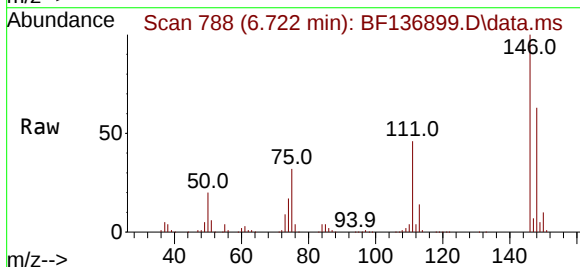
Instrument :
BNA_F
ClientSampleId :

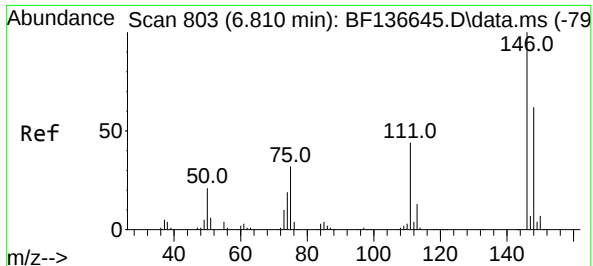
Tgt Ion: 93 Resp: 203307
Ion Ratio Lower Upper
93 100
63 77.1 61.2 101.2
95 33.3 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 41.079 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Tgt Ion:146 Resp: 234208
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
75 31.8 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 40.748 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

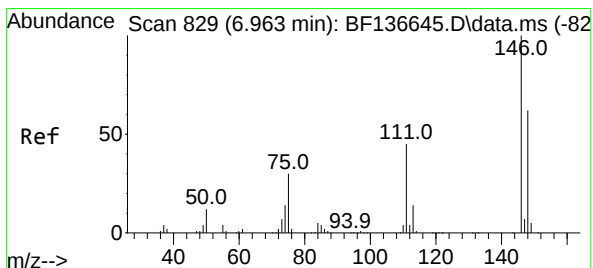
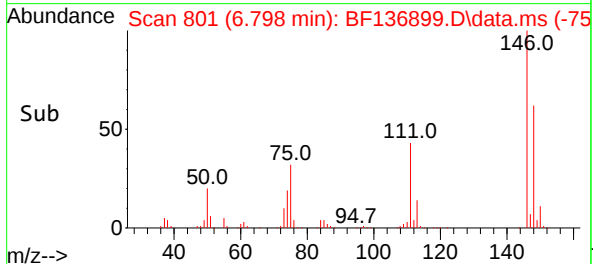
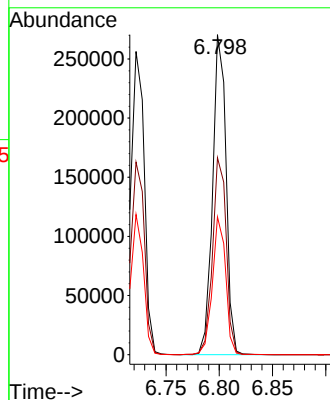
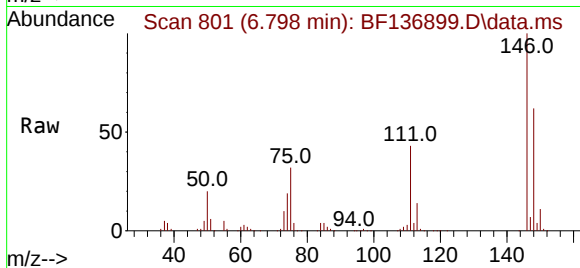
Tgt Ion:146 Resp: 237378

Ion Ratio Lower Upper

146 100

148 61.5 49.2 73.8

111 43.1 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 40.914 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

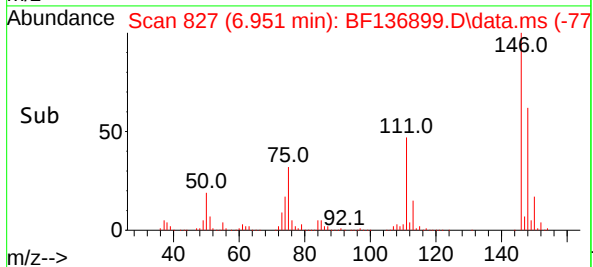
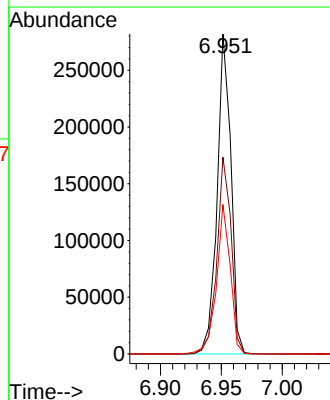
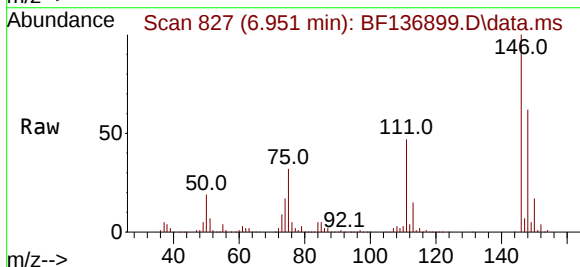
Tgt Ion:146 Resp: 221781

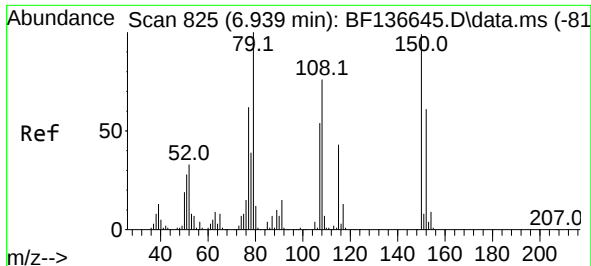
Ion Ratio Lower Upper

146 100

148 61.5 49.6 74.4

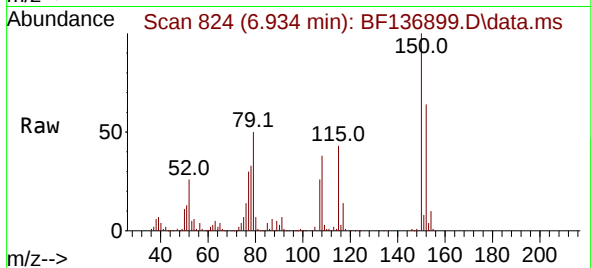
111 46.7 36.2 54.2



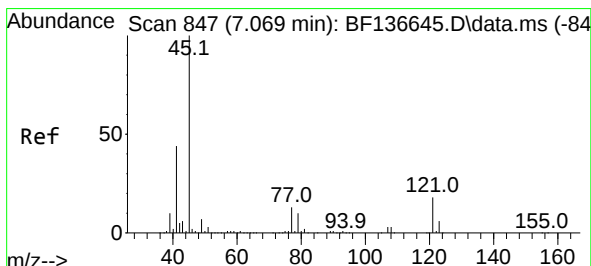
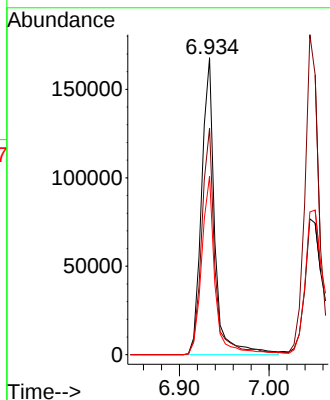
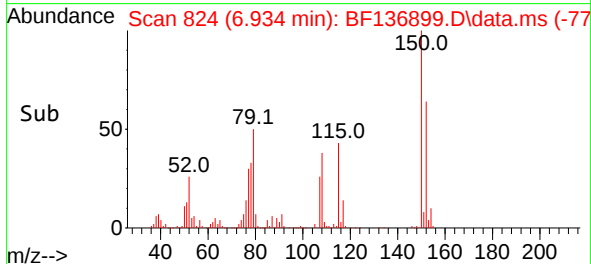


#15
Benzyl Alcohol
Concen: 41.303 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Instrument :
BNA_F
ClientSampleId :

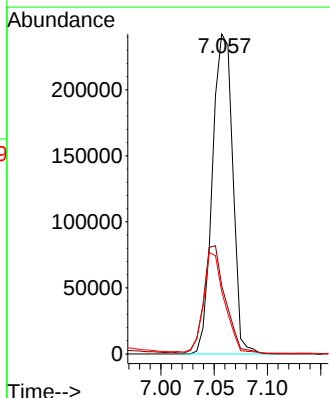
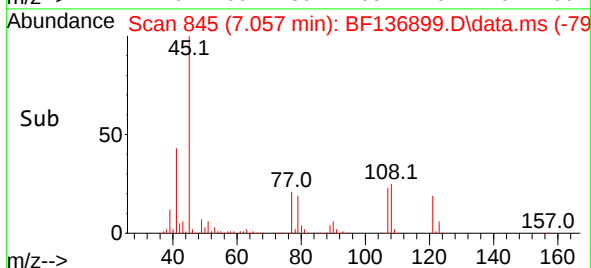
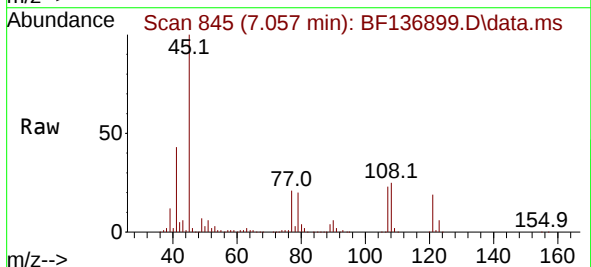


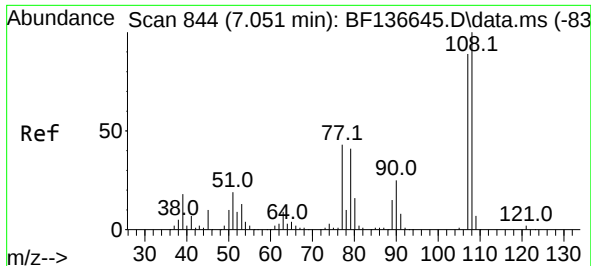
Tgt Ion: 79 Resp: 172433
Ion Ratio Lower Upper
79 100
108 76.3 61.0 91.6
77 60.2 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.001 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

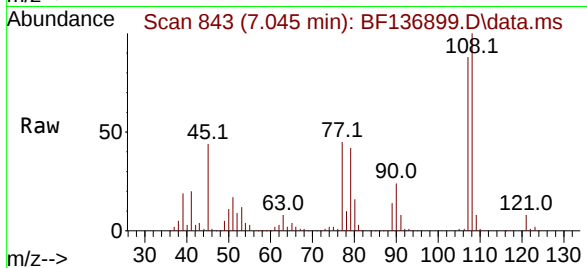
Tgt Ion: 45 Resp: 320341
Ion Ratio Lower Upper
45 100
77 21.3 0.0 34.3
79 19.5 0.0 31.4



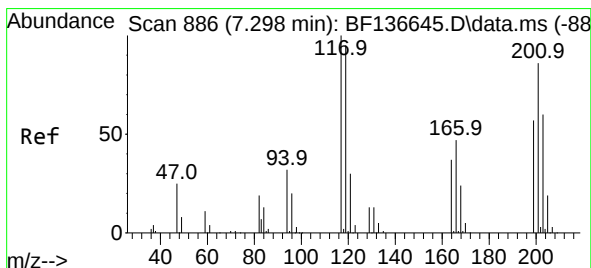
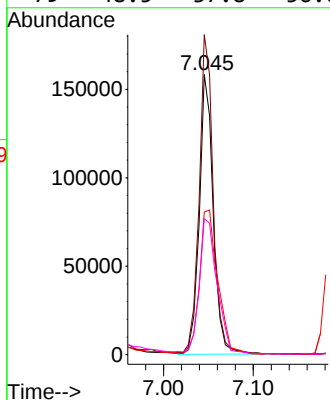
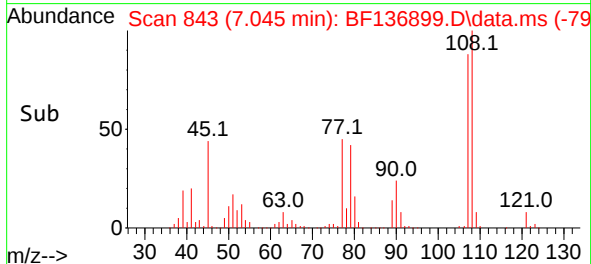


#17
2-Methylphenol
Concen: 39.290 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

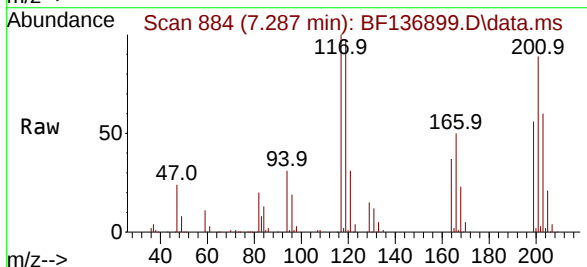
Instrument :
BNA_F
ClientSampleId :



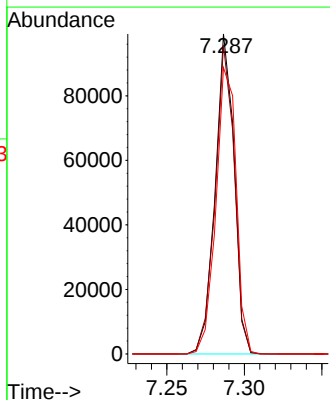
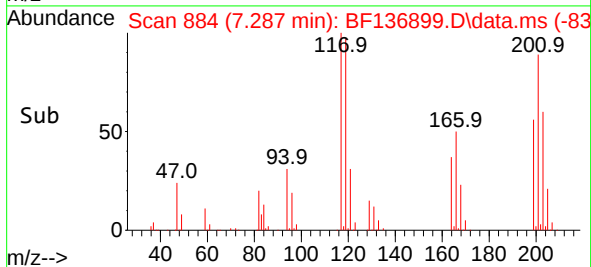
Tgt Ion:107 Resp: 170112
Ion Ratio Lower Upper
107 100
108 114.2 90.3 135.5
77 50.9 38.7 58.1
79 48.5 37.8 56.6

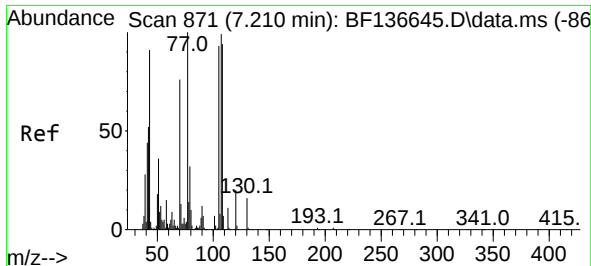


#18
Hexachloroethane
Concen: 39.942 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15



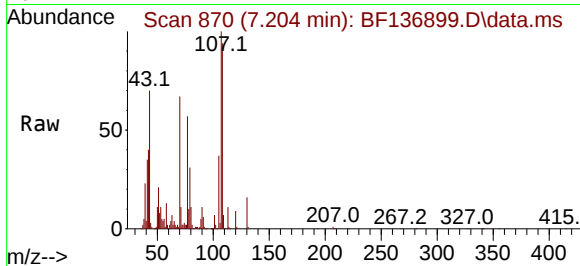
Tgt Ion:117 Resp: 84503
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.6
201 89.4 69.1 103.7



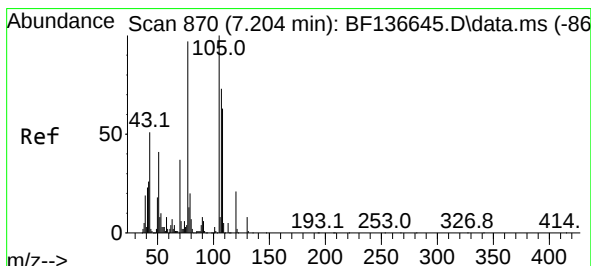
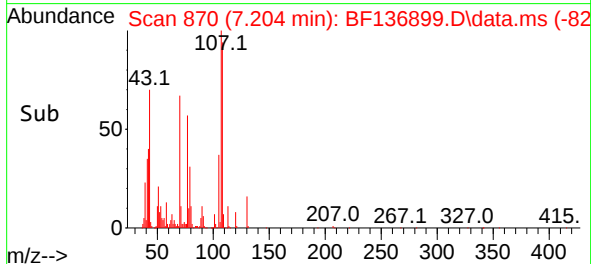
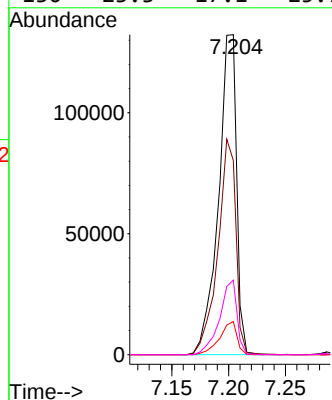


#19
n-Nitroso-di-n-propylamine
Concen: 39.312 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Instrument :
BNA_F
ClientSampleId :

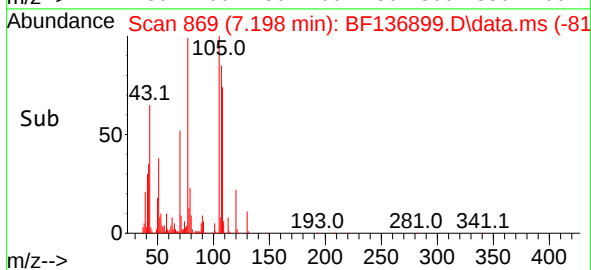
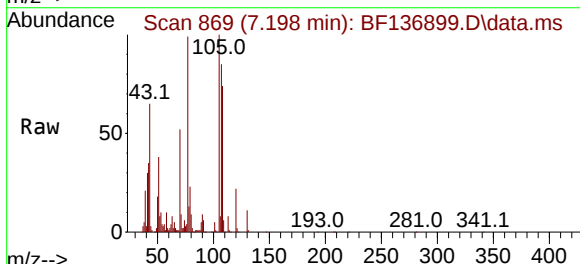
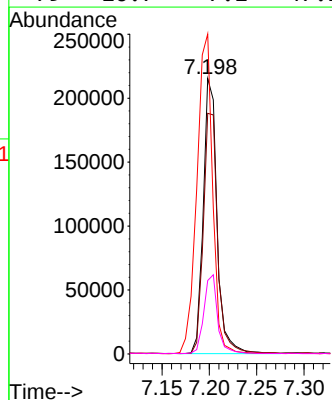


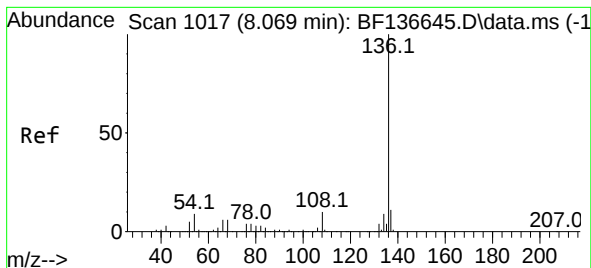
Tgt Ion: 70 Resp: 147472
Ion Ratio Lower Upper
70 100
42 60.7 54.2 81.4
101 10.3 7.6 11.4
130 23.3 17.1 25.7



#20
3+4-Methylphenols
Concen: 40.427 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Tgt Ion: 107 Resp: 218670
Ion Ratio Lower Upper
107 100
108 87.4 66.0 106.0
77 116.2 114.2 154.2
79 26.7 7.2 47.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1

Delta R.T. -0.006 min

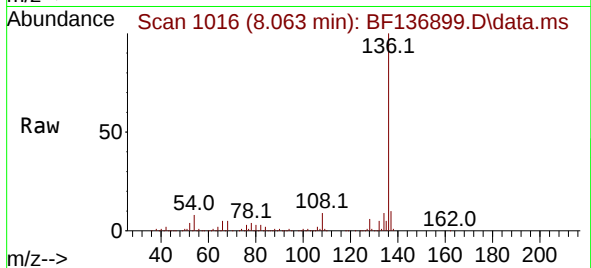
Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 293935

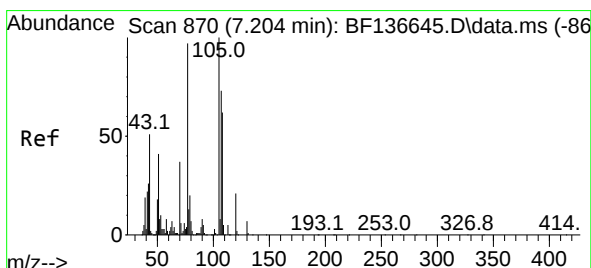
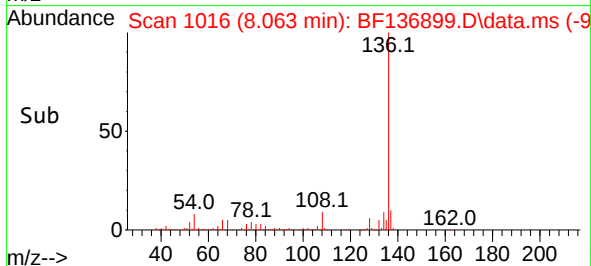
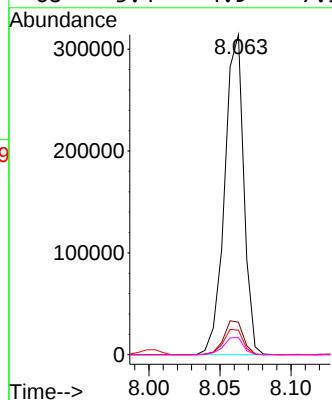
Ion Ratio Lower Upper

136 100

137 10.1 9.0 13.4

54 7.7 7.2 10.8

68 5.4 4.9 7.3



#22

Acetophenone

Concen: 40.442 ng

RT: 7.192 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Tgt Ion:105 Resp: 297958

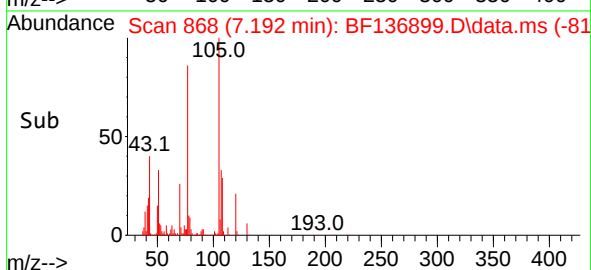
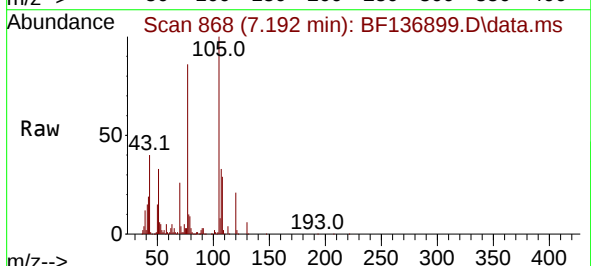
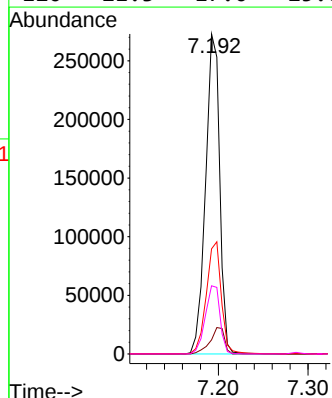
Ion Ratio Lower Upper

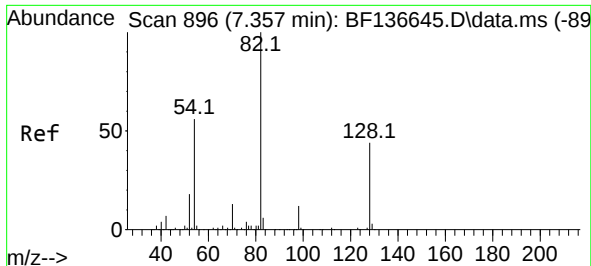
105 100

71 4.4 4.8 7.2#

51 32.8 32.8 49.2

120 21.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 80.615 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

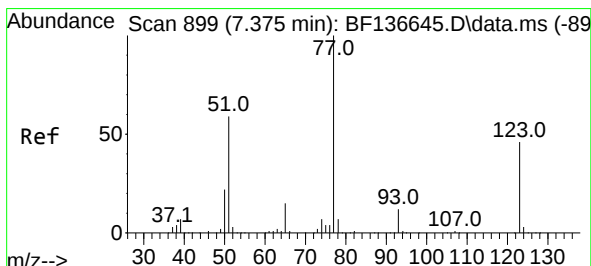
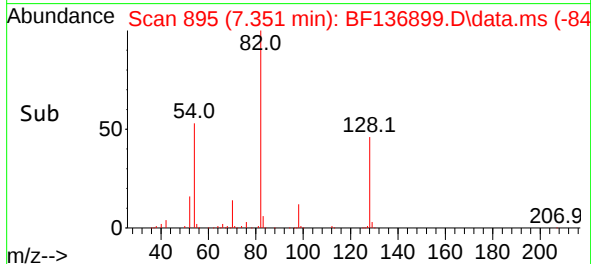
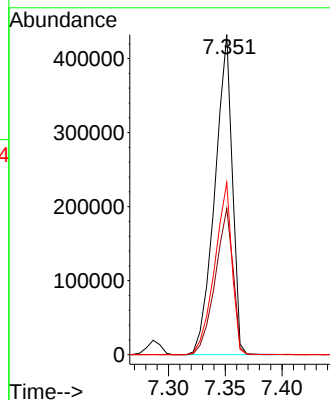
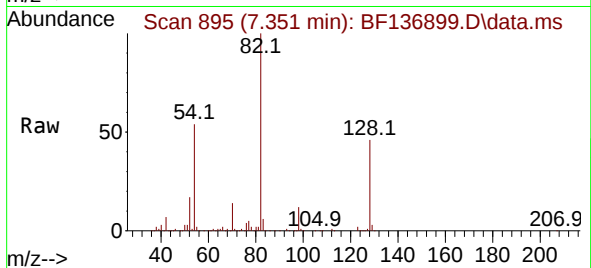
Tgt Ion: 82 Resp: 463063

Ion Ratio Lower Upper

82 100

128 45.6 35.3 52.9

54 53.8 44.5 66.7



#24

Nitrobenzene

Concen: 40.147 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

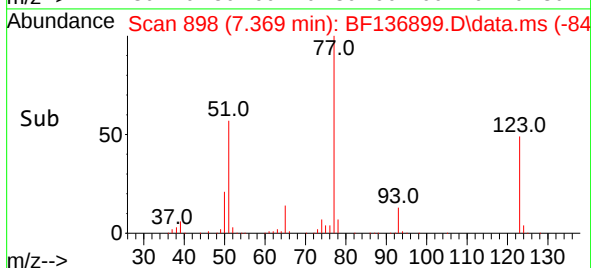
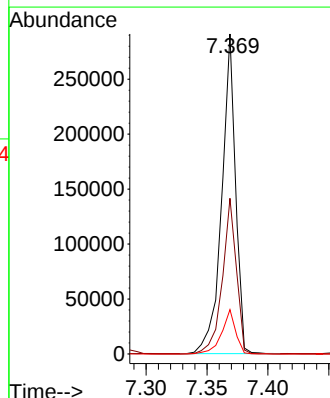
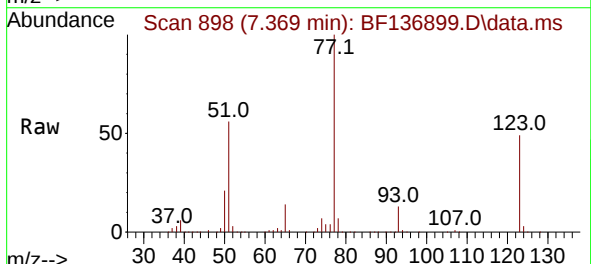
Tgt Ion: 77 Resp: 231012

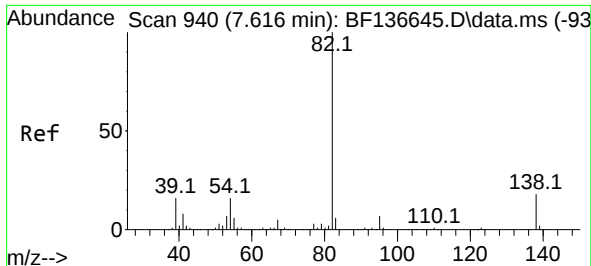
Ion Ratio Lower Upper

77 100

123 48.7 36.7 55.1

65 13.9 11.8 17.6

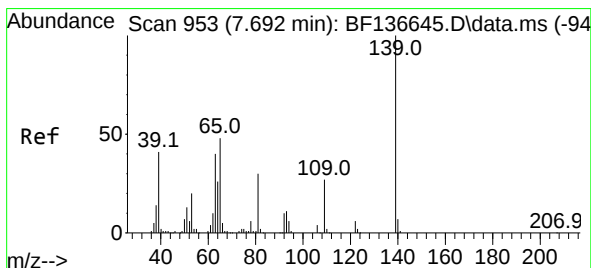
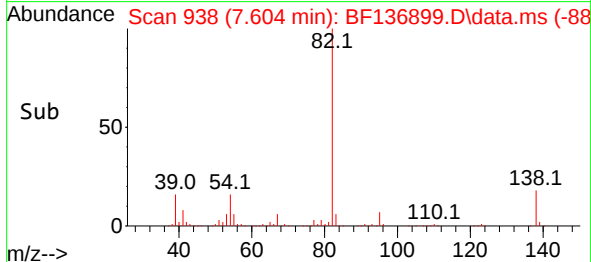
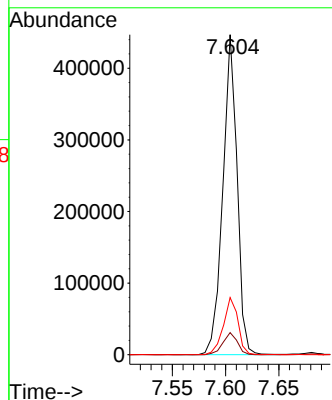
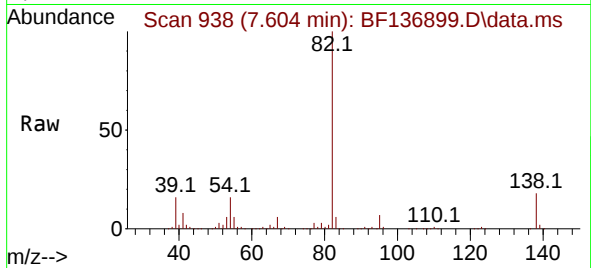




#25
Isophorone
Concen: 39.638 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

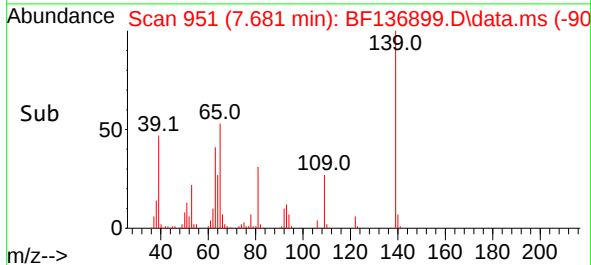
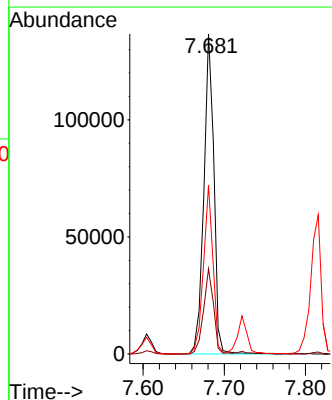
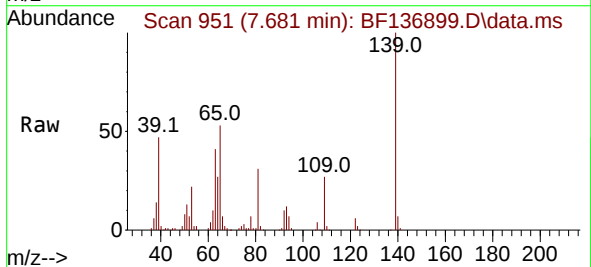
Instrument :
BNA_F
ClientSampleId :

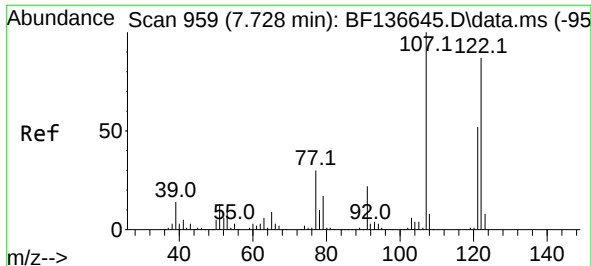
Tgt Ion: 82 Resp: 414299
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.8 14.5 21.7



#26
2-Nitrophenol
Concen: 42.551 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

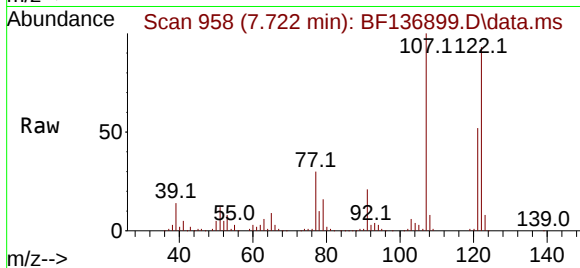
Tgt Ion:139 Resp: 117144
Ion Ratio Lower Upper
139 100
109 26.6 21.9 32.9
65 52.7 38.6 58.0



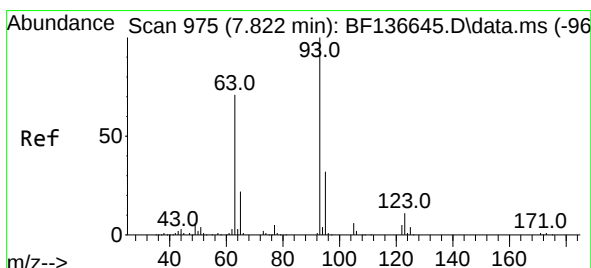
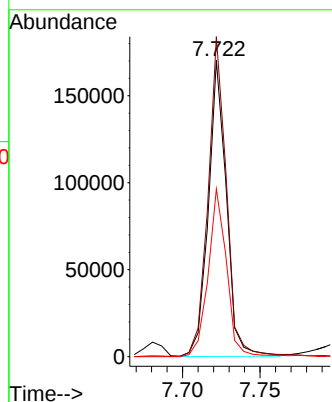
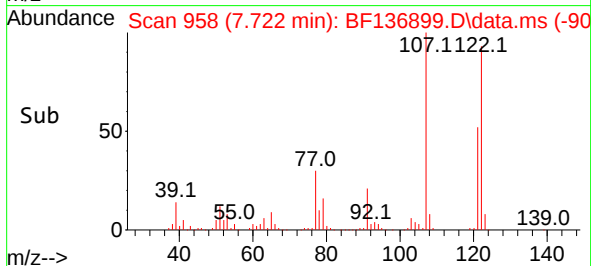


#27
2,4-Dimethylphenol
Concen: 41.106 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Instrument :
BNA_F
ClientSampleId :

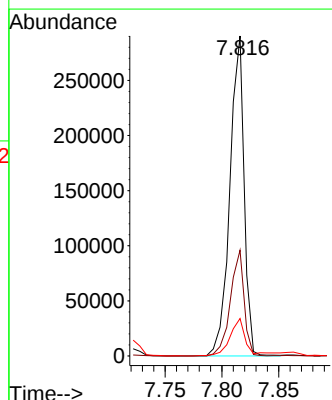
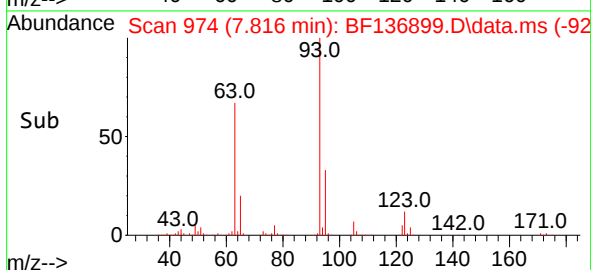
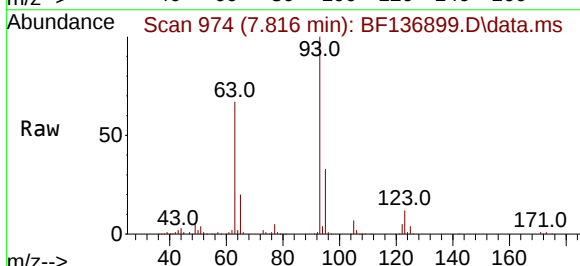


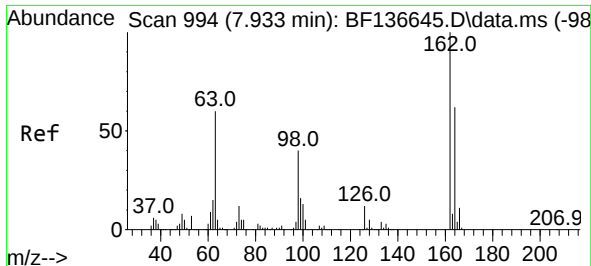
Tgt Ion:122 Resp: 137774
Ion Ratio Lower Upper
122 100
107 108.0 92.0 138.0
121 56.6 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.990 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Tgt Ion: 93 Resp: 254072
Ion Ratio Lower Upper
93 100
95 33.0 25.5 38.3
123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.534 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

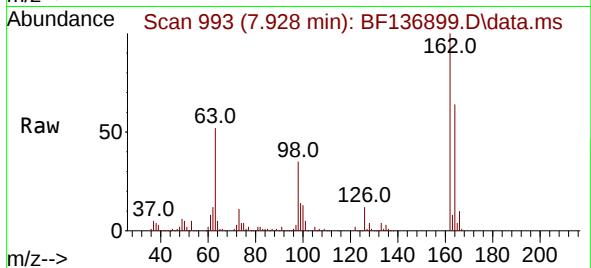
Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :



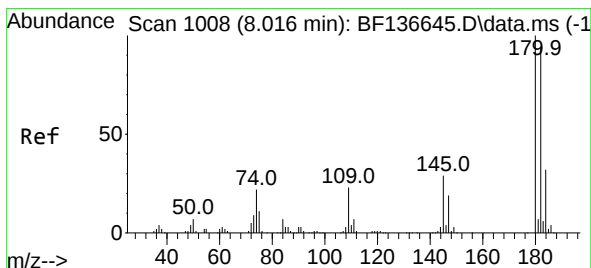
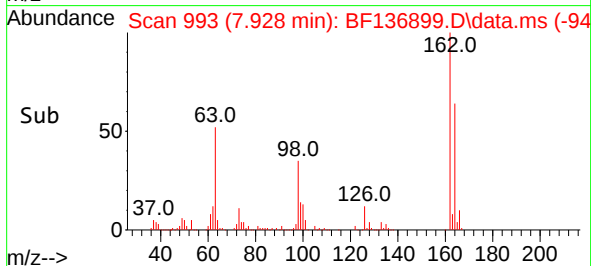
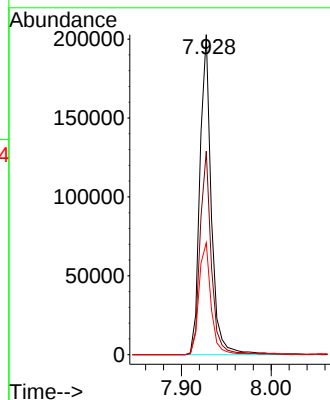
Tgt Ion:162 Resp: 179217

Ion Ratio Lower Upper

162 100

164 63.6 41.7 81.7

98 34.9 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 40.989 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

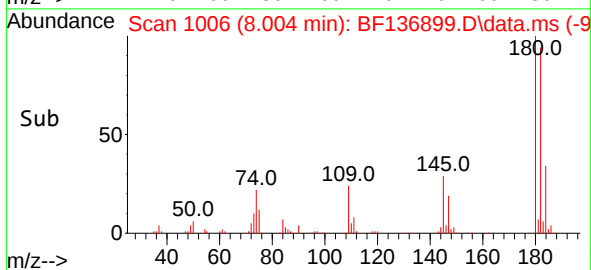
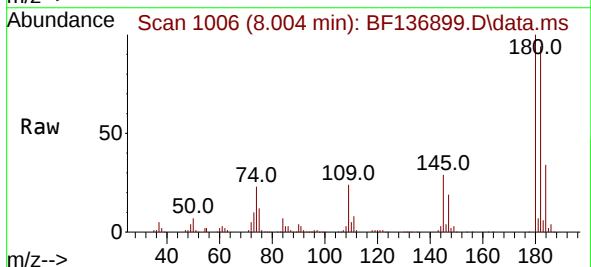
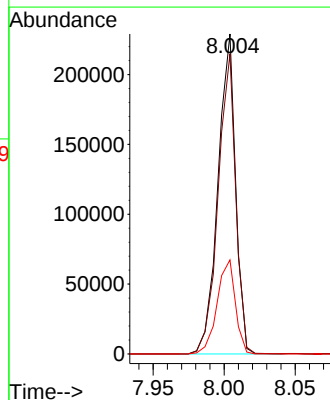
Tgt Ion:180 Resp: 197062

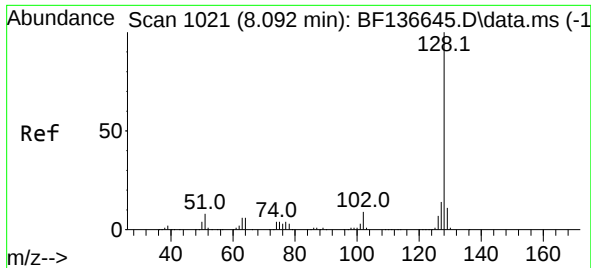
Ion Ratio Lower Upper

180 100

182 93.8 75.4 113.0

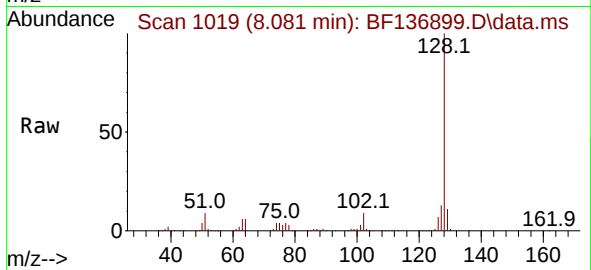
145 29.4 23.1 34.7



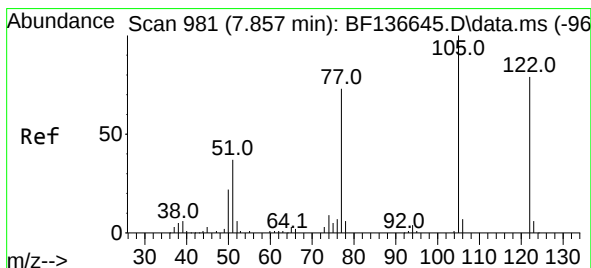
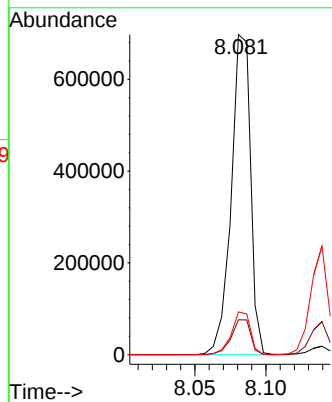
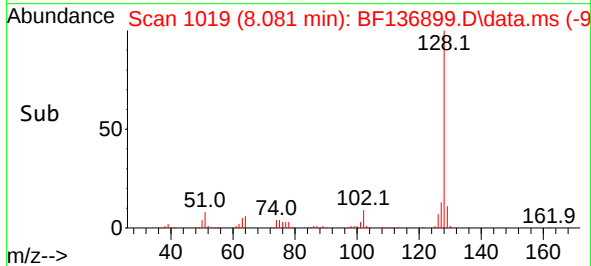


#31
Naphthalene
Concen: 40.988 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Instrument :
BNA_F
ClientSampleId :

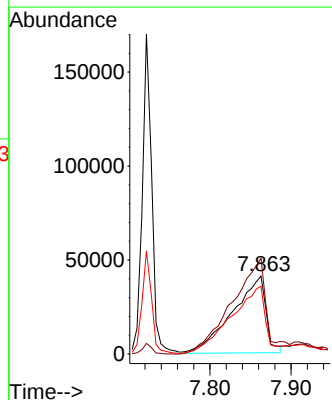
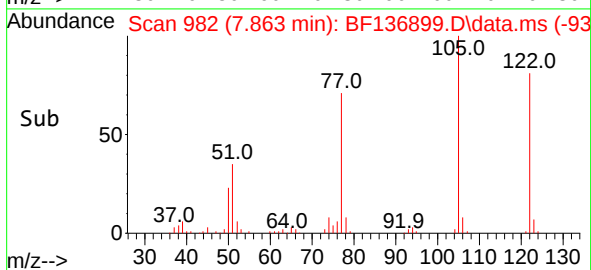
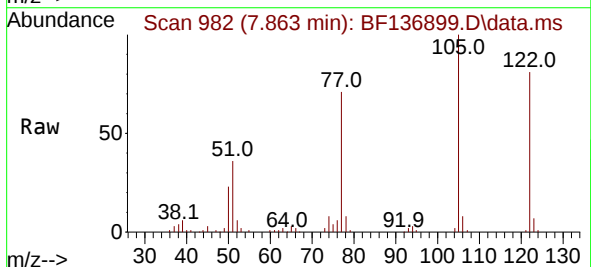


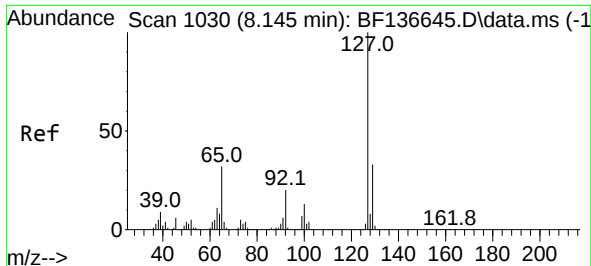
Tgt Ion:128 Resp: 661875
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 36.194 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Tgt Ion:122 Resp: 117377
Ion Ratio Lower Upper
122 100
105 123.0 100.8 140.8
77 86.9 70.9 110.9



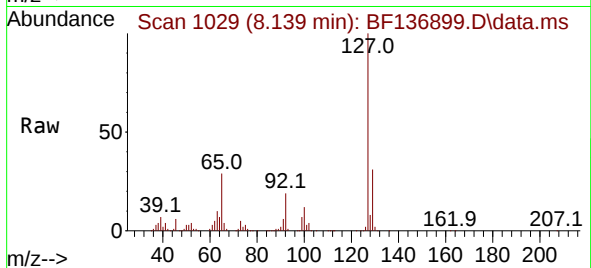


#33
4-Chloroaniline
Concen: 38.759 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

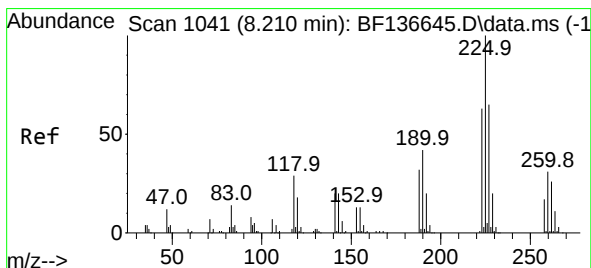
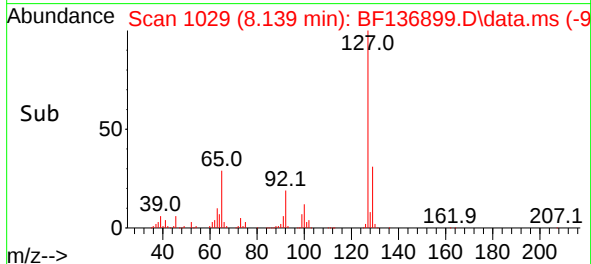
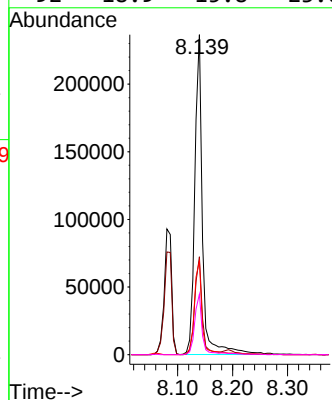
Instrument :

BNA_F

ClientSampleId :

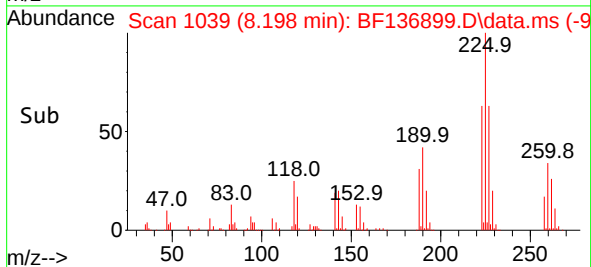
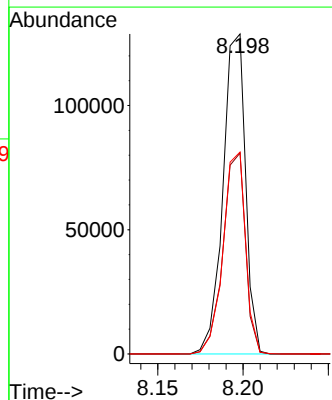
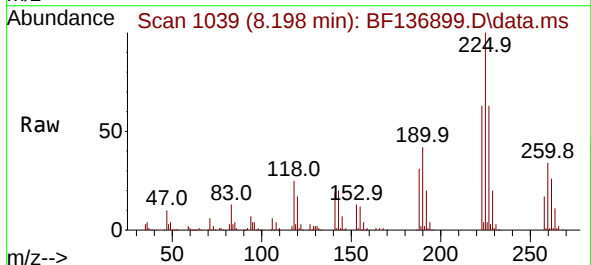


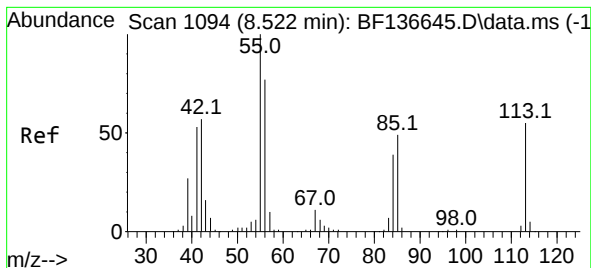
Tgt Ion:	127	Resp:	231084
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.3	39.5
65	29.3	25.8	38.8
92	18.9	15.8	23.6



#34
Hexachlorobutadiene
Concen: 40.677 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Tgt Ion:	225	Resp:	118818
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.1	51.9	77.9





#35

Caprolactam

Concen: 46.931 ng

RT: 8.522 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

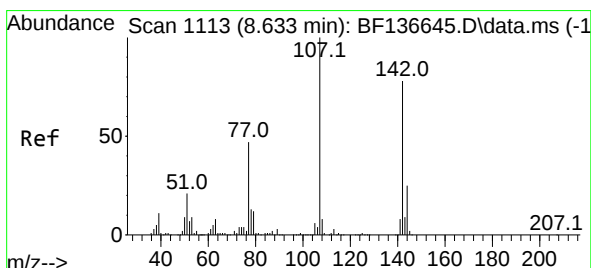
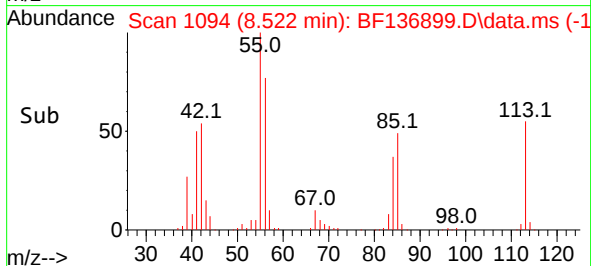
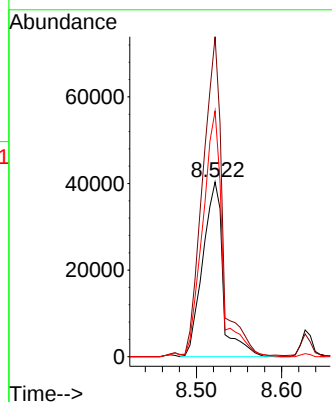
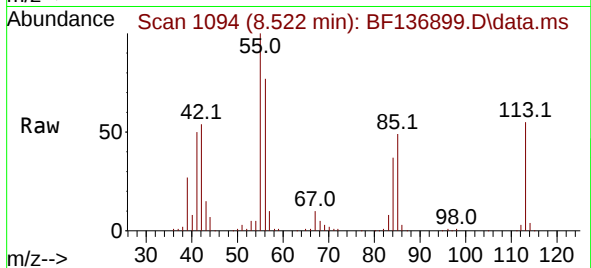
Tgt Ion:113 Resp: 66805

Ion Ratio Lower Upper

113 100

55 183.1 163.1 203.1

56 140.7 121.7 161.7



#36

4-Chloro-3-methylphenol

Concen: 40.148 ng

RT: 8.628 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

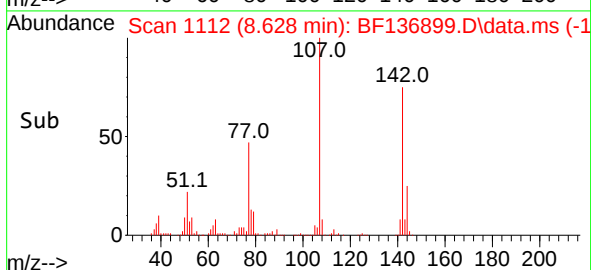
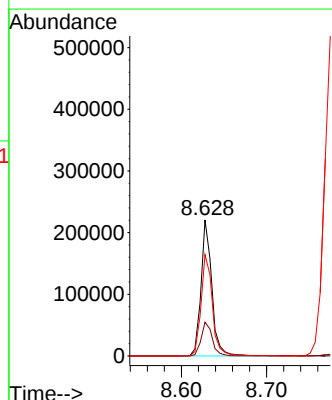
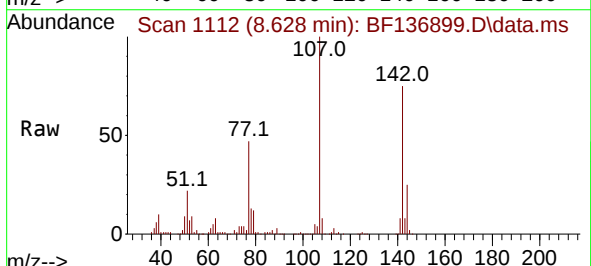
Tgt Ion:107 Resp: 195026

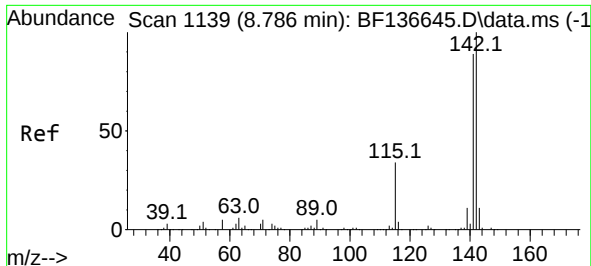
Ion Ratio Lower Upper

107 100

144 24.9 20.2 30.2

142 74.7 62.3 93.5





#37

2-Methylnaphthalene

Concen: 40.412 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

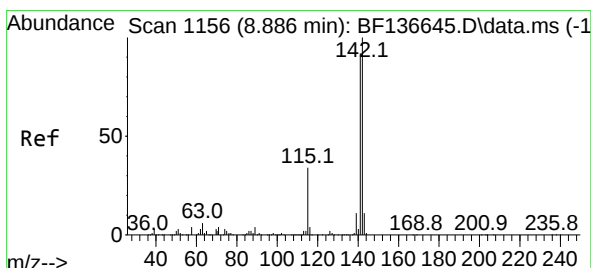
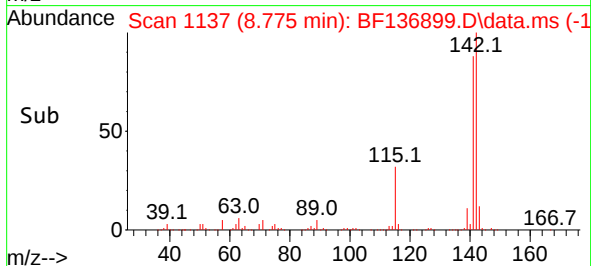
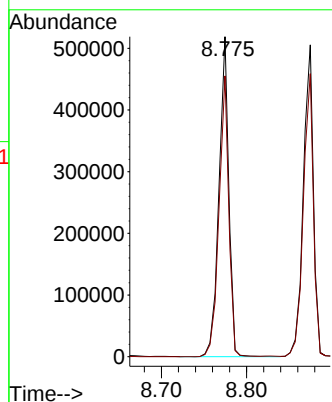
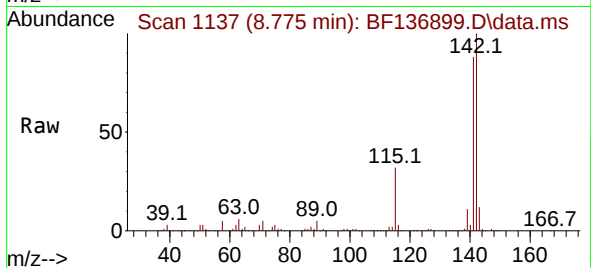
ClientSampleId :

Tgt Ion:142 Resp: 419977

Ion Ratio Lower Upper

142 100

141 87.8 71.1 106.7



#38

1-Methylnaphthalene

Concen: 40.592 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136899.D

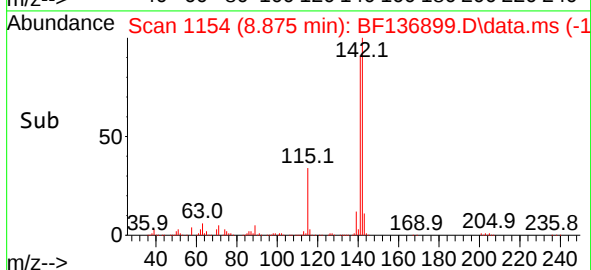
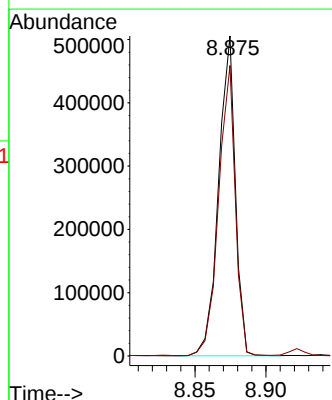
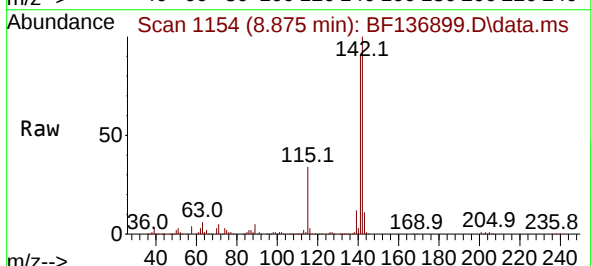
Acq: 03 Jan 2024 10:15

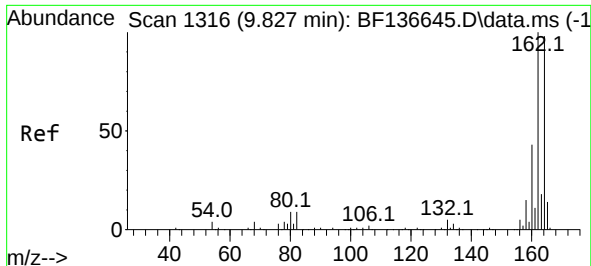
Tgt Ion:142 Resp: 413870

Ion Ratio Lower Upper

142 100

141 90.8 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

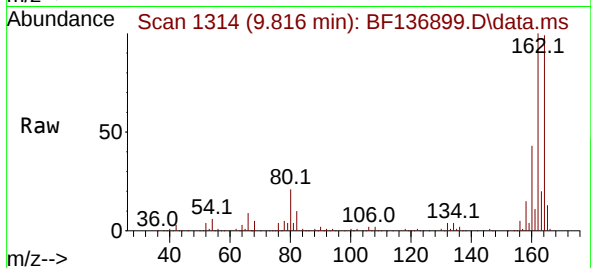
Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :



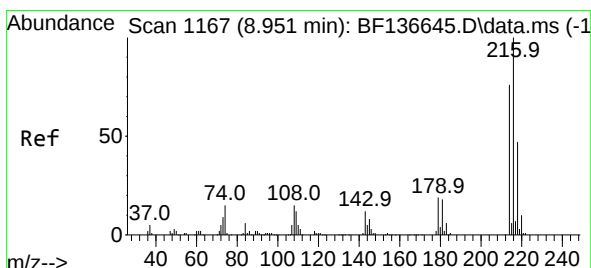
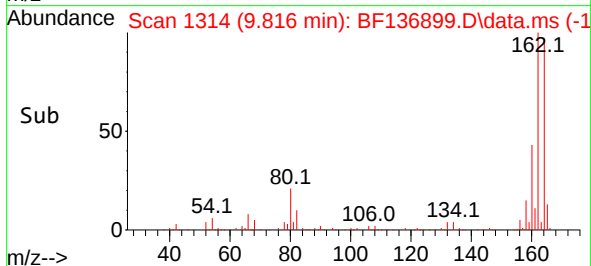
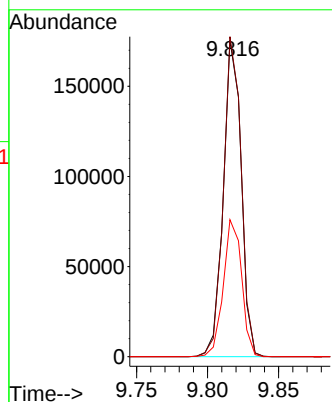
Tgt Ion:164 Resp: 153231

Ion Ratio Lower Upper

164 100

162 101.1 81.6 122.4

160 43.3 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.548 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Tgt Ion:216 Resp: 197165

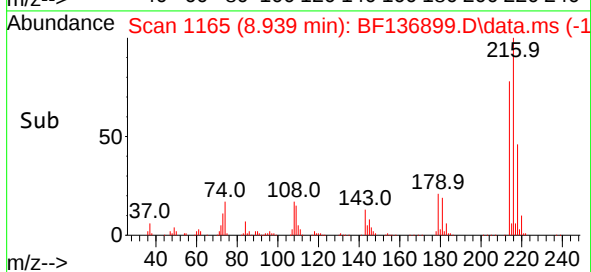
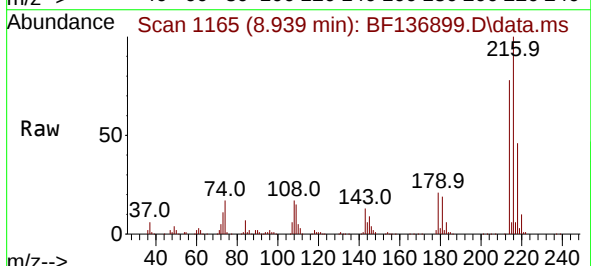
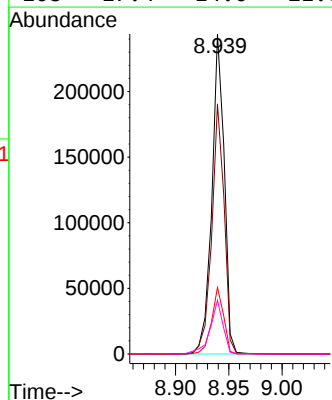
Ion Ratio Lower Upper

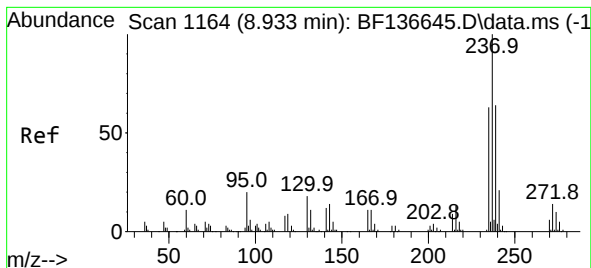
216 100

214 78.1 62.3 93.5

179 20.3 16.4 24.6

108 17.4 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 51.945 ng

RT: 8.922 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

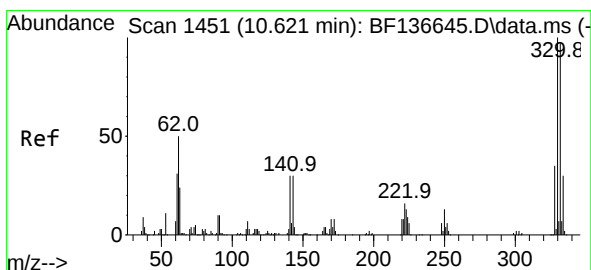
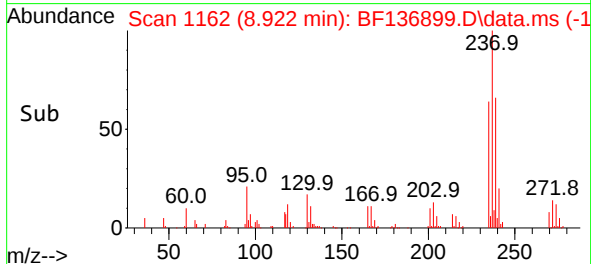
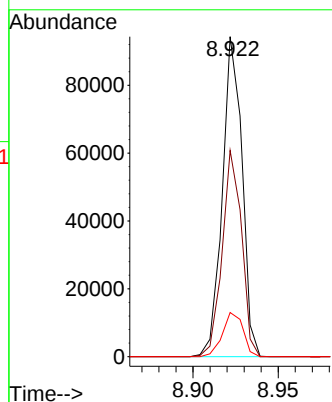
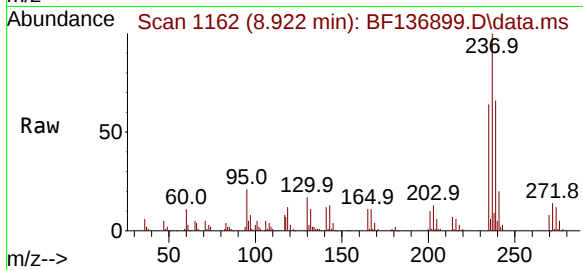
Tgt Ion:237 Resp: 75828

Ion Ratio Lower Upper

237 100

235 64.5 43.2 83.2

272 13.8 0.0 34.2



#42

2,4,6-Tribromophenol

Concen: 79.926 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

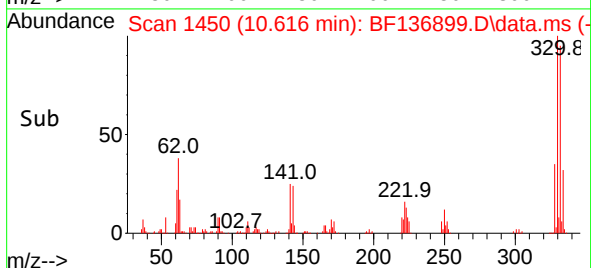
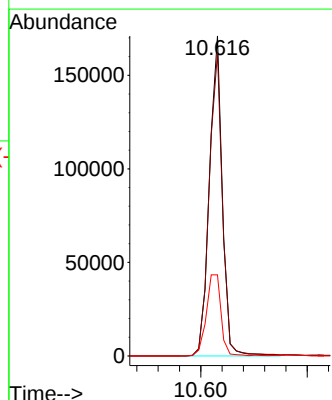
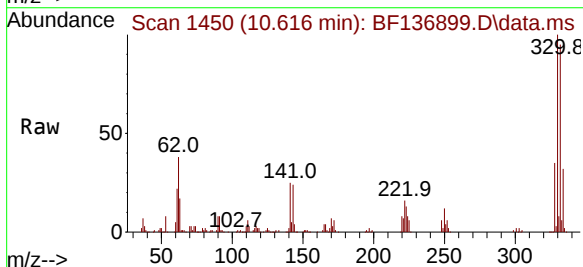
Tgt Ion:330 Resp: 144237

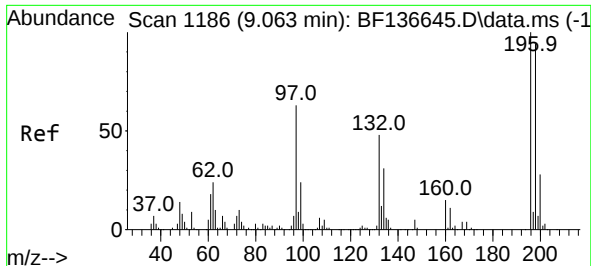
Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.0

141 29.1 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 40.111 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

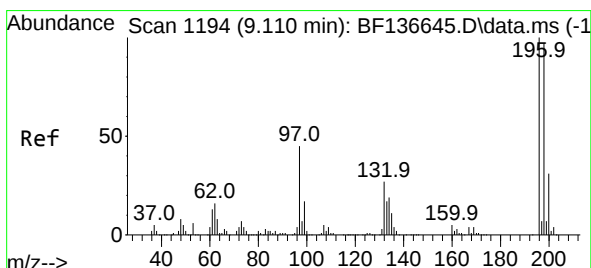
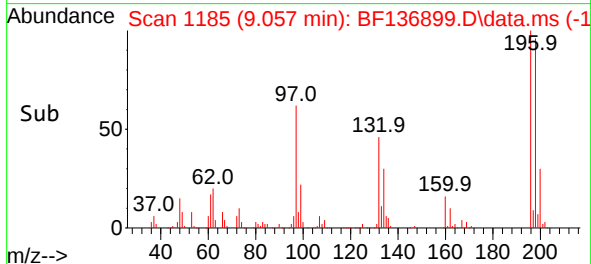
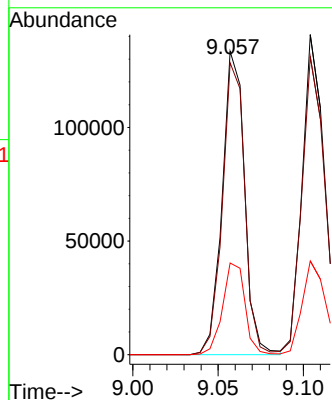
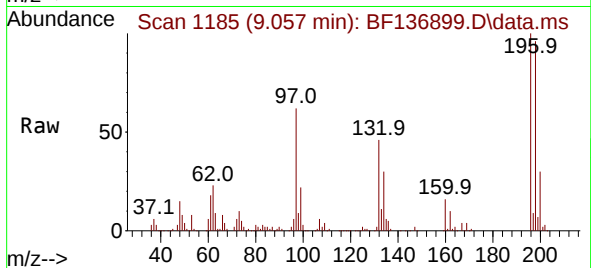
Tgt Ion:196 Resp: 122074

Ion Ratio Lower Upper

196 100

198 96.2 75.1 112.7

200 30.2 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 40.359 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Tgt Ion:196 Resp: 136875

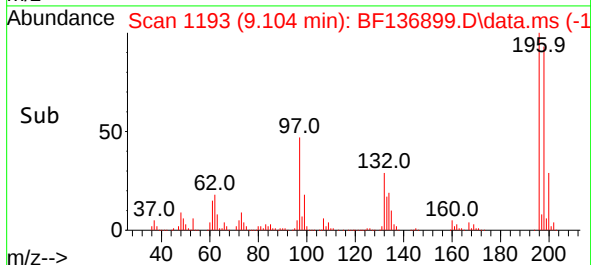
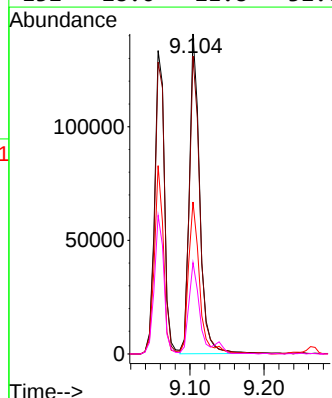
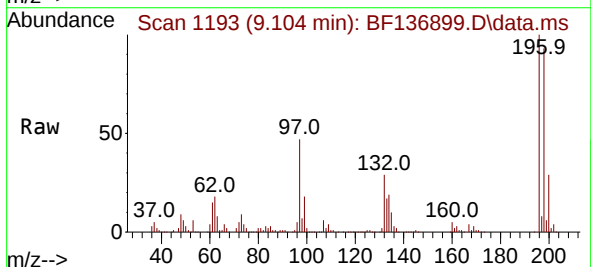
Ion Ratio Lower Upper

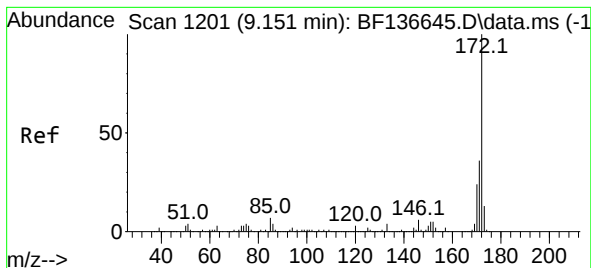
196 100

198 93.1 77.0 115.6

97 47.5 36.1 54.1

132 28.6 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 80.347 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

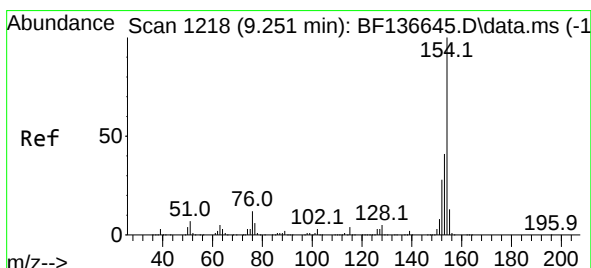
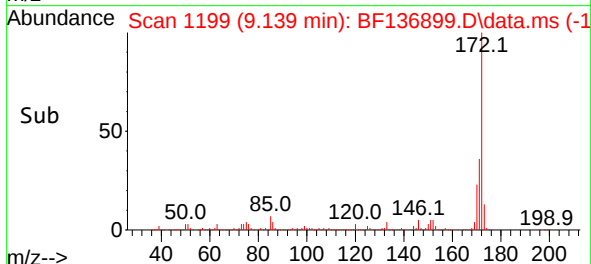
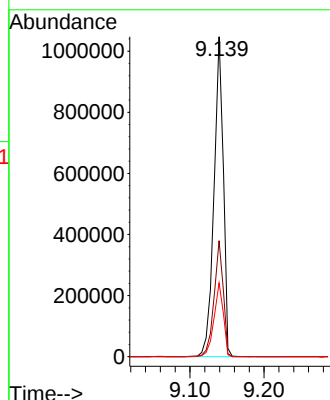
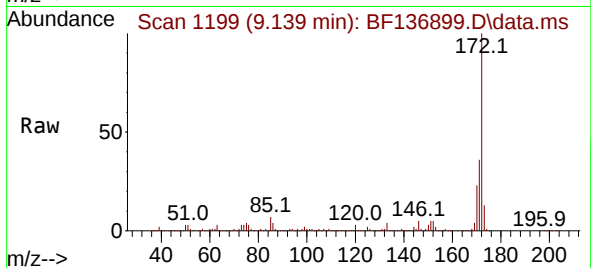
Tgt Ion:172 Resp: 915377

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

170 23.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.720 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

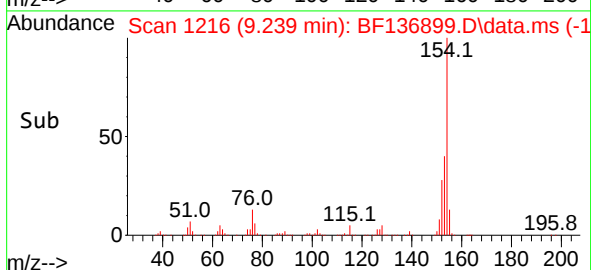
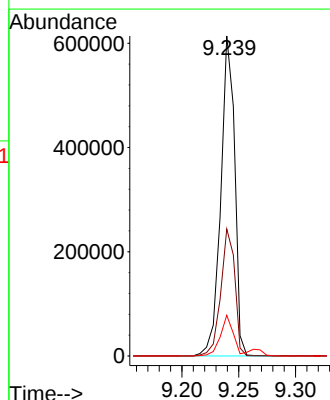
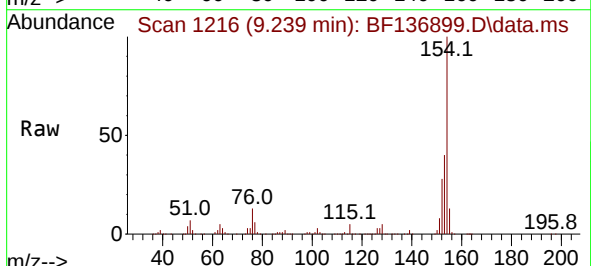
Tgt Ion:154 Resp: 523594

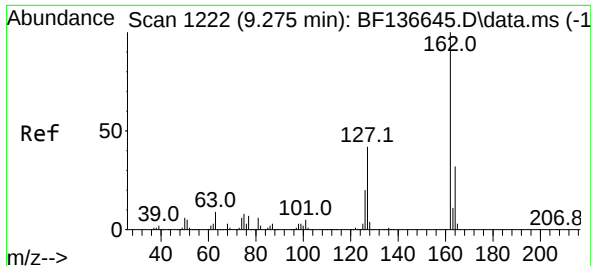
Ion Ratio Lower Upper

154 100

153 39.7 21.1 61.1

76 12.7 0.0 31.7





#47

2-Chloronaphthalene

Concen: 40.944 ng

RT: 9.269 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

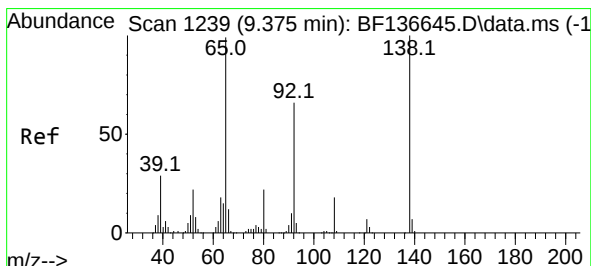
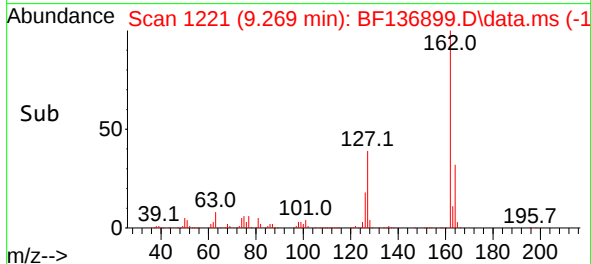
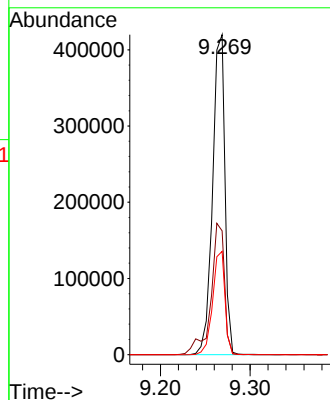
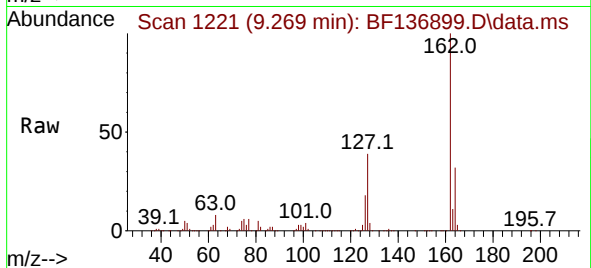
Tgt Ion:162 Resp: 400239

Ion Ratio Lower Upper

162 100

127 38.7 33.6 50.4

164 32.3 25.7 38.5



#48

2-Nitroaniline

Concen: 40.517 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

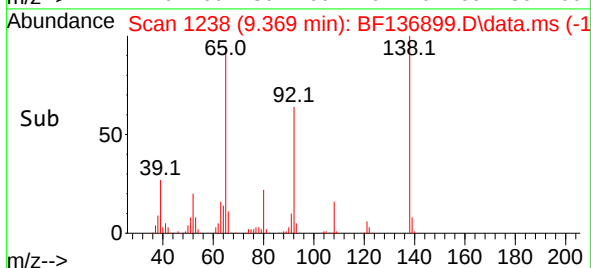
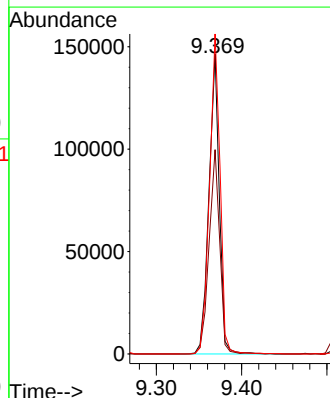
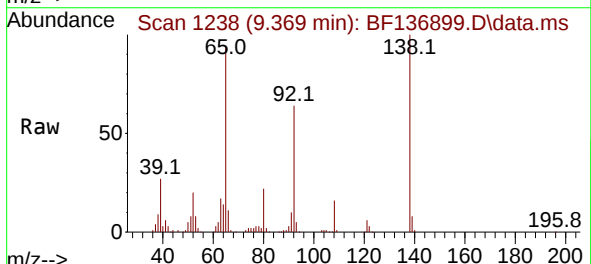
Tgt Ion: 65 Resp: 124025

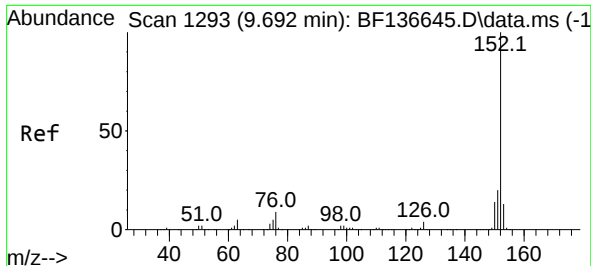
Ion Ratio Lower Upper

65 100

92 68.1 53.2 79.8

138 106.7 81.1 121.7





#49

Acenaphthylene

Concen: 40.438 ng

RT: 9.680 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

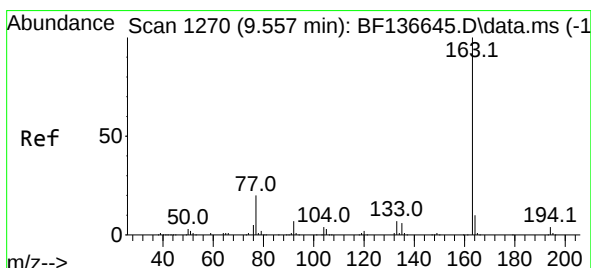
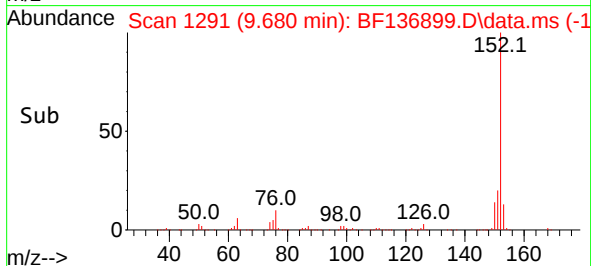
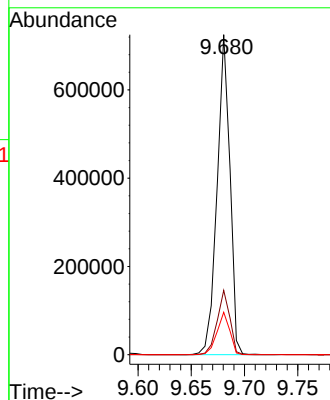
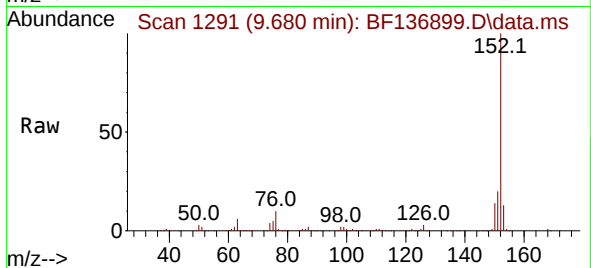
Tgt Ion:152 Resp: 604186

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.3 10.2 15.2



#50

Dimethylphthalate

Concen: 40.376 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

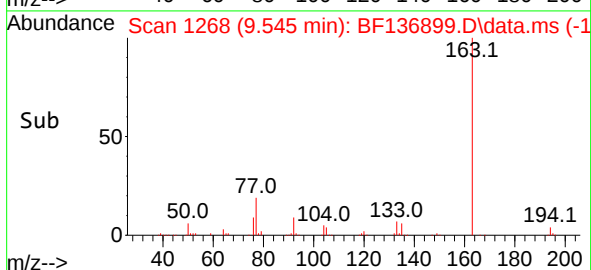
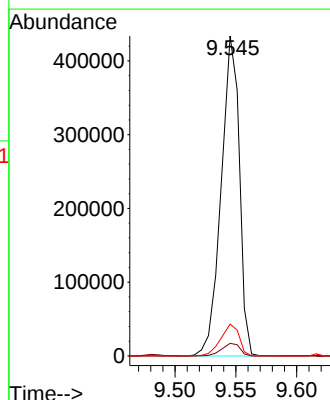
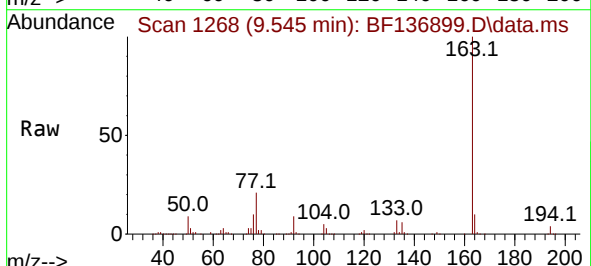
Tgt Ion:163 Resp: 451907

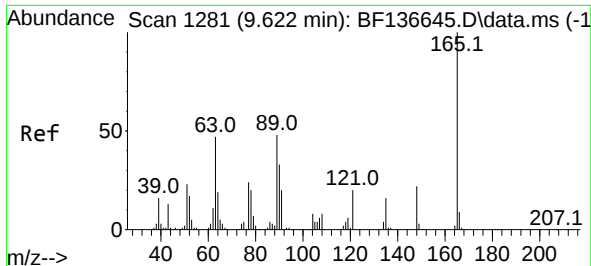
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.0 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 42.054 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

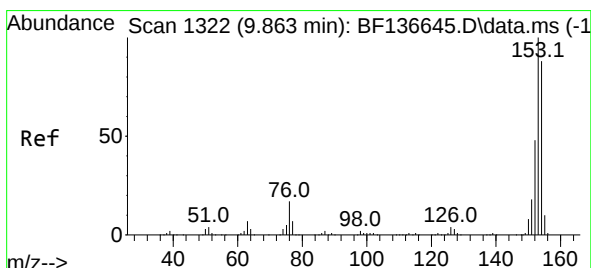
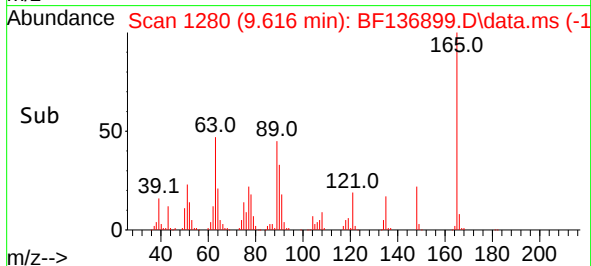
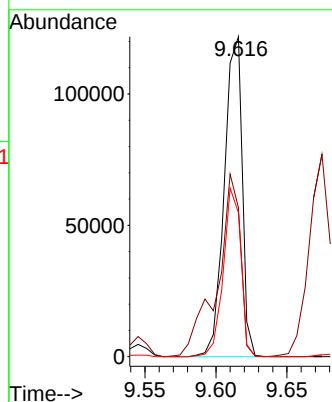
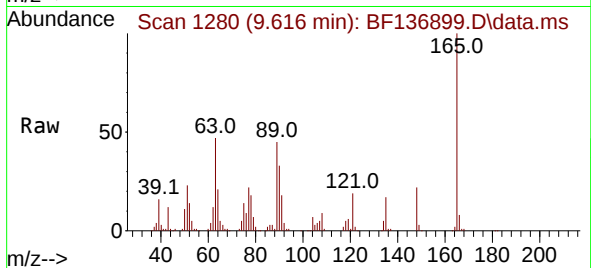
Tgt Ion:165 Resp: 106823

Ion Ratio Lower Upper

165 100

63 46.6 39.8 59.6

89 45.0 38.8 58.2



#52

Acenaphthene

Concen: 40.578 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

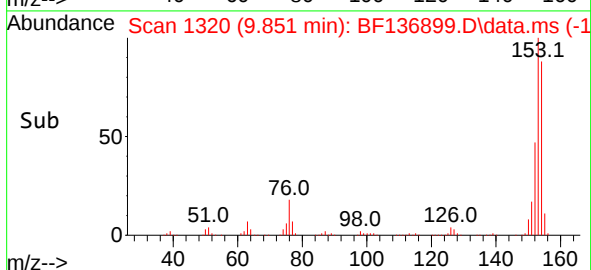
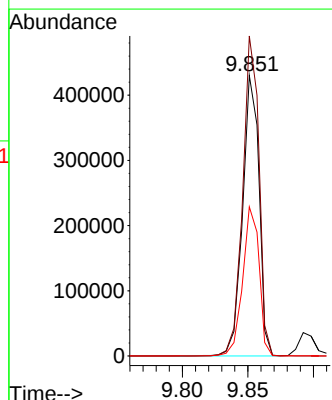
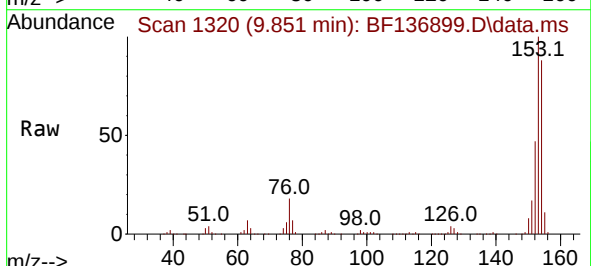
Tgt Ion:154 Resp: 375820

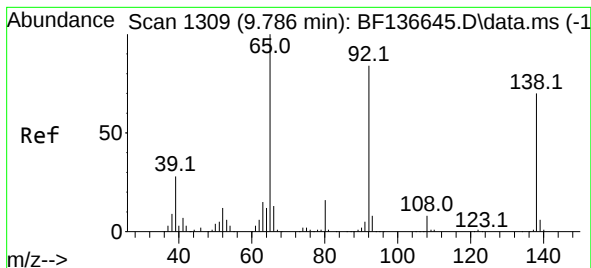
Ion Ratio Lower Upper

154 100

153 114.1 90.7 136.1

152 53.2 43.7 65.5





#53

3-Nitroaniline

Concen: 39.376 ng

RT: 9.786 min Scan# 1

Delta R.T. 0.000 min

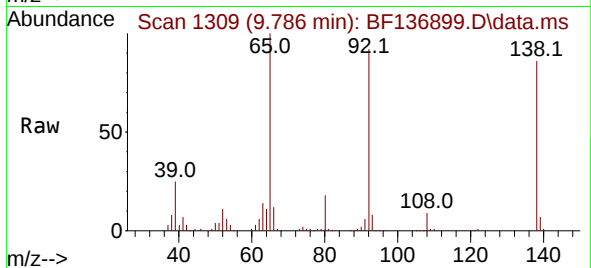
Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :



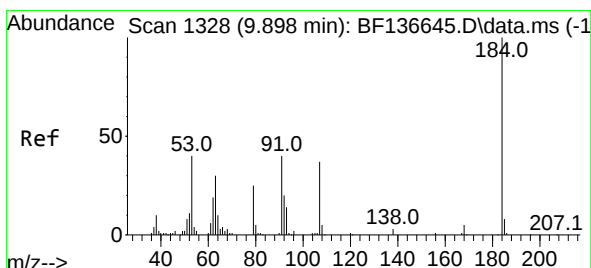
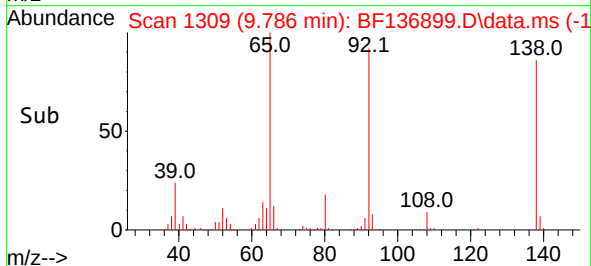
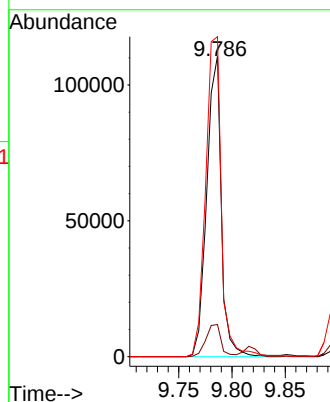
Tgt Ion:138 Resp: 105952

Ion Ratio Lower Upper

138 100

108 10.7 8.6 12.8

92 106.5 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 43.960 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

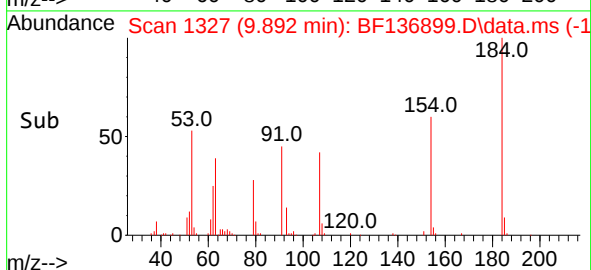
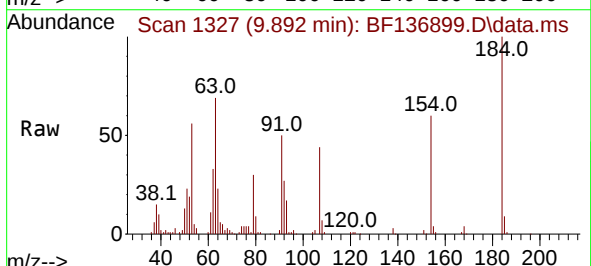
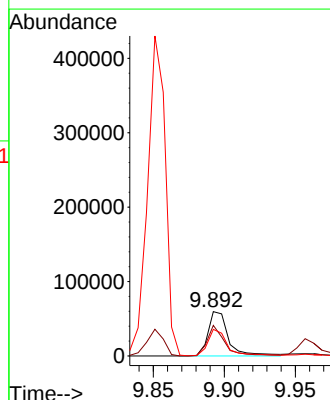
Tgt Ion:184 Resp: 59402

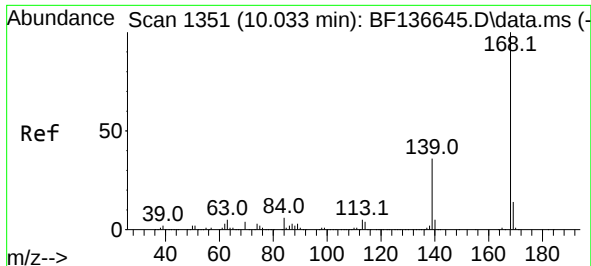
Ion Ratio Lower Upper

184 100

63 68.8 40.9 61.3#

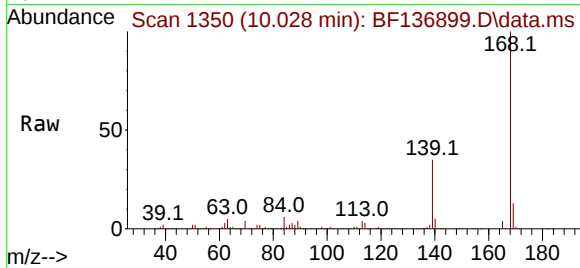
154 60.0 42.7 64.1



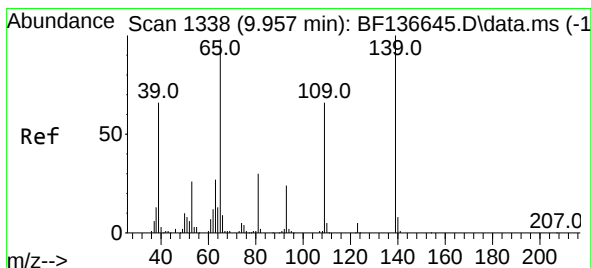
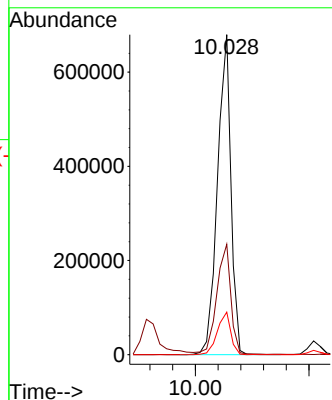
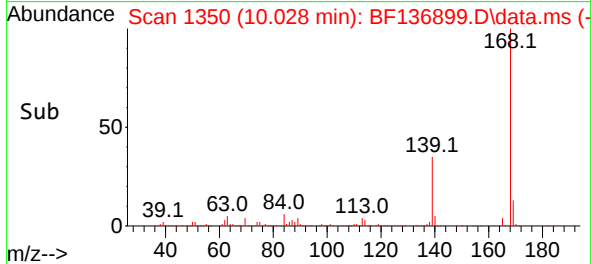


#55
Dibenzenofuran
Concen: 39.791 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Instrument :
BNA_F
ClientSampleId :

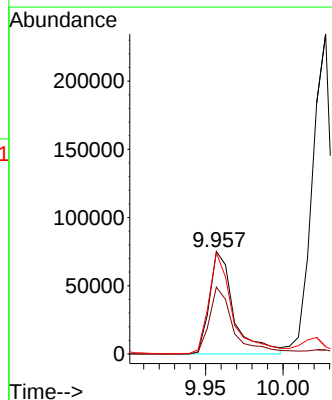
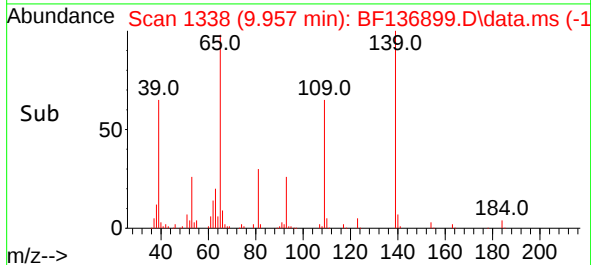
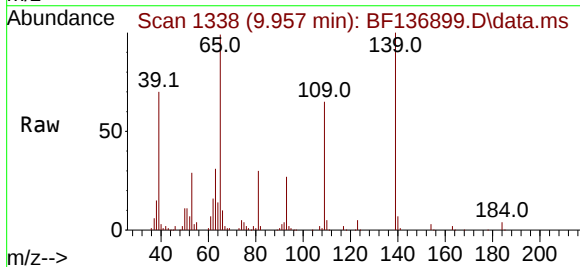


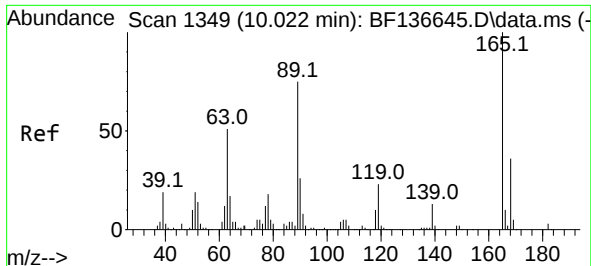
Tgt Ion:168 Resp: 558655
Ion Ratio Lower Upper
168 100
139 34.5 29.3 43.9
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 45.362 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

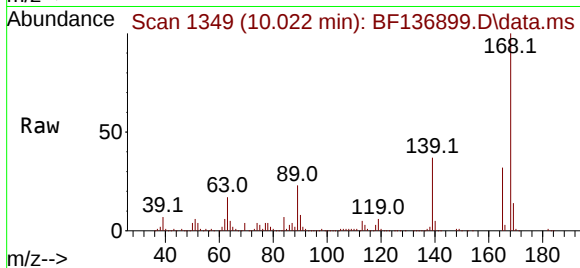
Tgt Ion:139 Resp: 82397
Ion Ratio Lower Upper
139 100
109 65.2 45.8 85.8
65 98.7 77.8 117.8



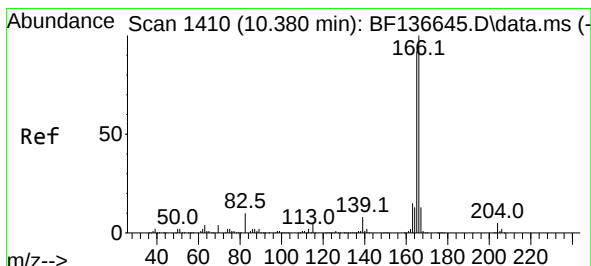
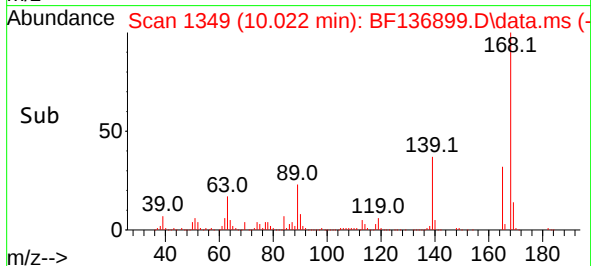
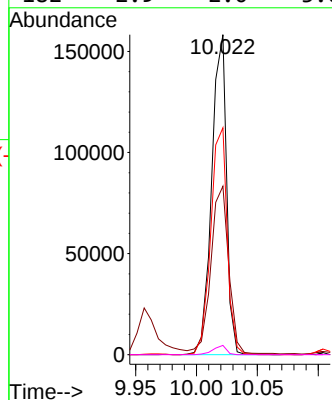


#57
2,4-Dinitrotoluene
Concen: 40.730 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Instrument :
BNA_F
ClientSampleId :

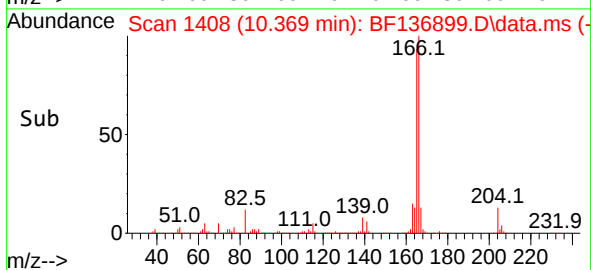
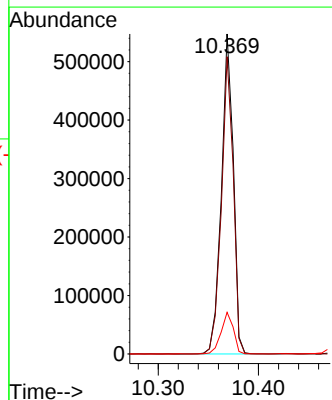
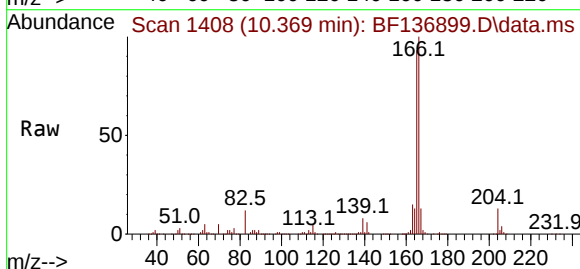


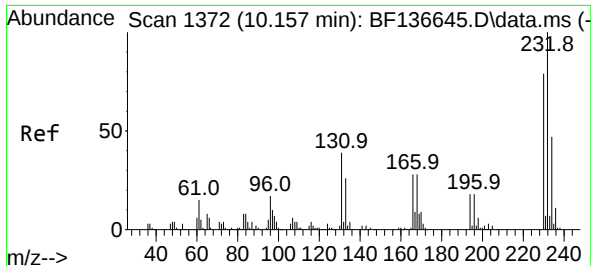
Tgt Ion:	165	Resp:	134310
Ion	Ratio	Lower	Upper
165	100		
63	52.7	41.0	61.6
89	70.9	59.9	89.9
182	2.9	2.0	3.0



#58
Fluorene
Concen: 40.507 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Tgt Ion:	166	Resp:	451247
Ion	Ratio	Lower	Upper
166	100		
165	92.9	73.7	110.5
167	13.0	10.4	15.6

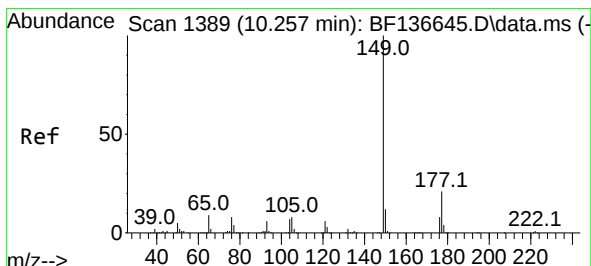
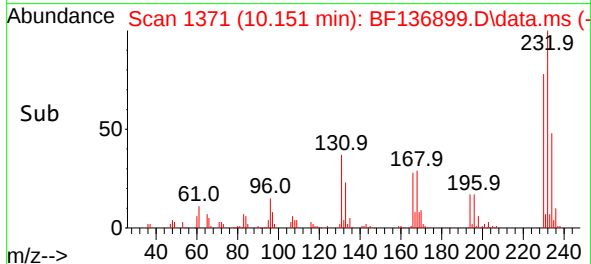
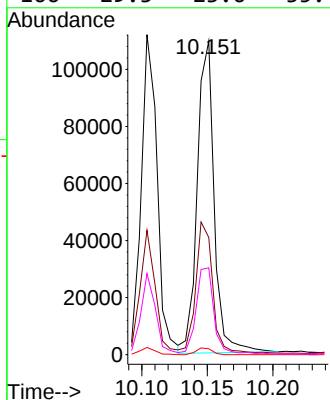
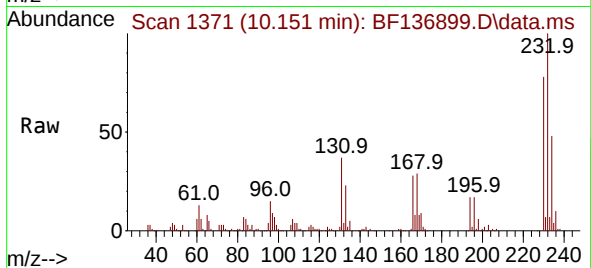




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.773 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

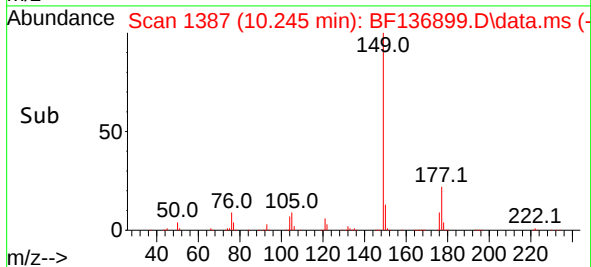
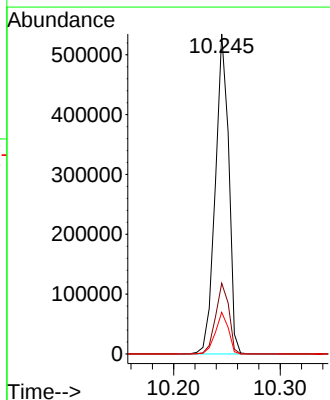
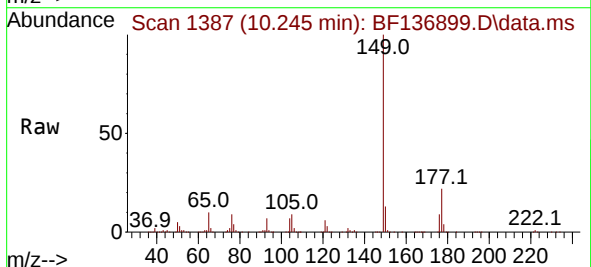
Instrument :
BNA_F
ClientSampleId :

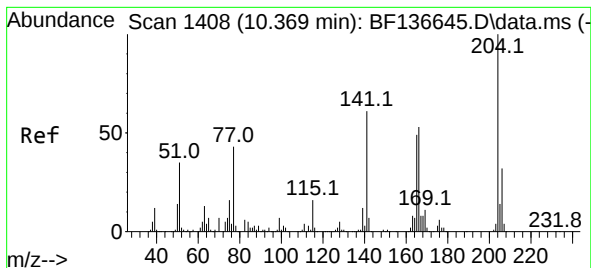
Tgt Ion:232 Resp: 98612
Ion Ratio Lower Upper
232 100
131 44.6 35.1 52.7
130 2.0 1.6 2.4
166 29.3 23.6 35.4



#60
Diethylphthalate
Concen: 40.059 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Tgt Ion:149 Resp: 465194
Ion Ratio Lower Upper
149 100
177 22.1 16.9 25.3
150 13.0 9.3 13.9

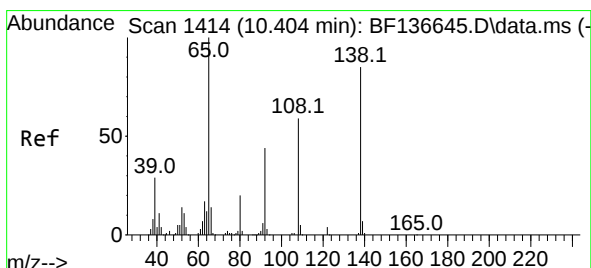
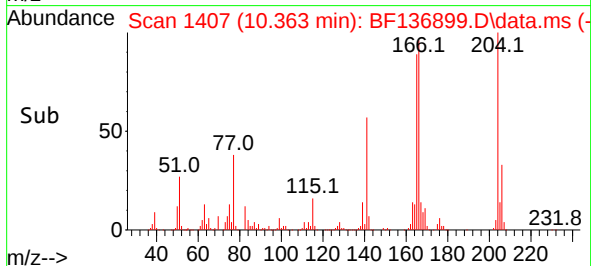
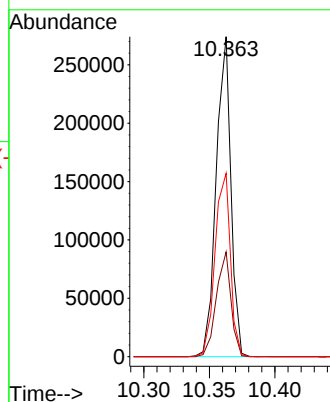
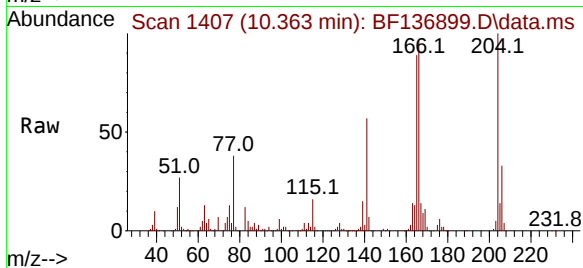




#61
4-Chlorophenyl-phenylether
Concen: 39.353 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

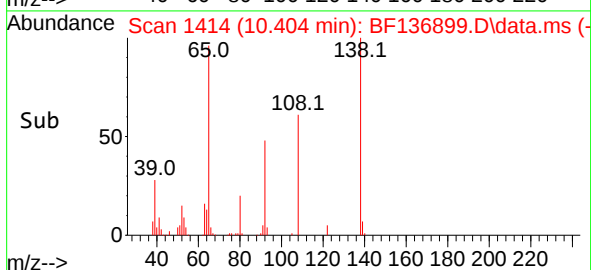
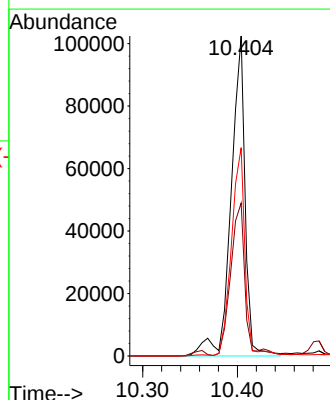
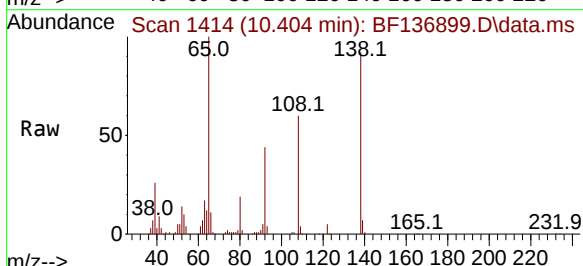
Instrument :
BNA_F
ClientSampleId :

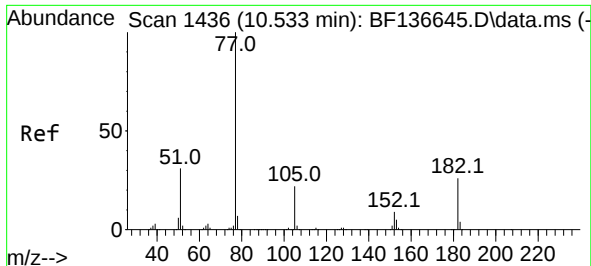
Tgt Ion:204 Resp: 213087
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 57.3 48.4 72.6



#62
4-Nitroaniline
Concen: 40.806 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

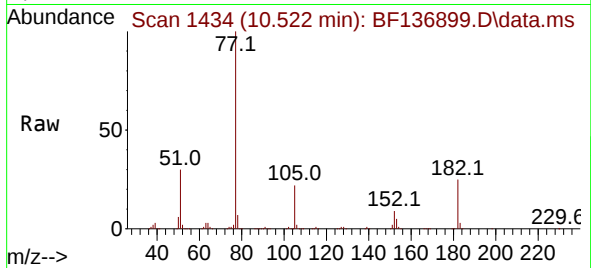
Tgt Ion:138 Resp: 105849
Ion Ratio Lower Upper
138 100
92 47.8 32.1 72.1
108 65.1 50.1 90.1



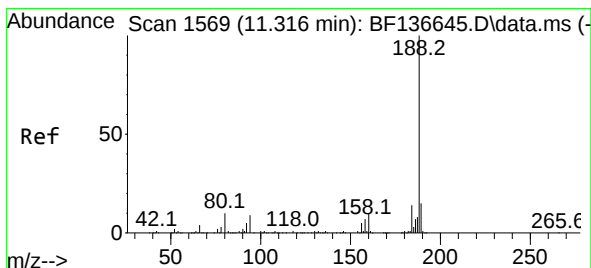
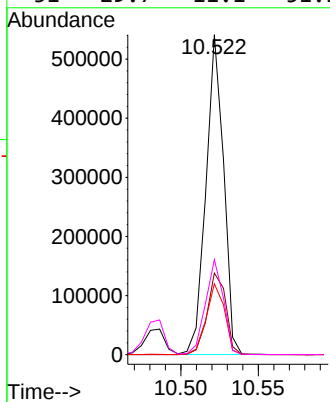
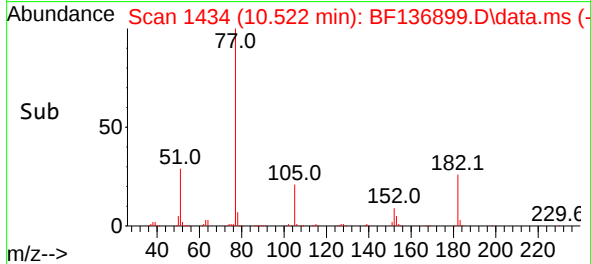


#63
Azobenzene
Concen: 39.525 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

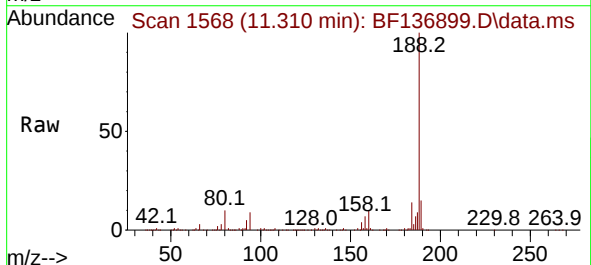
Instrument :
BNA_F
ClientSampleId :



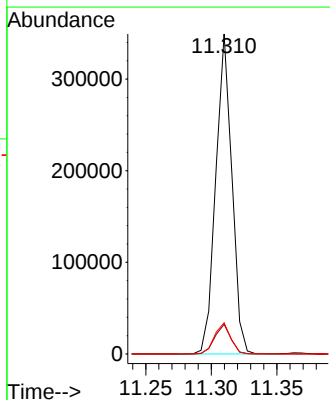
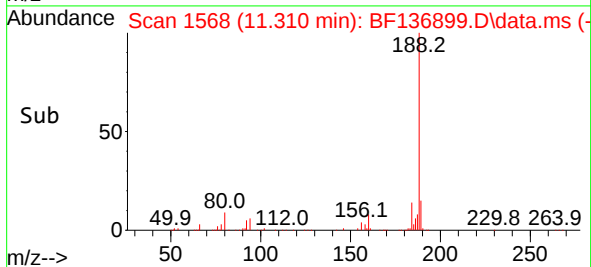
Tgt Ion:	77	Resp:	428704
Ion	Ratio	Lower	Upper
77	100		
182	25.5	6.0	46.0
105	22.2	2.3	42.3
51	29.7	11.1	51.1

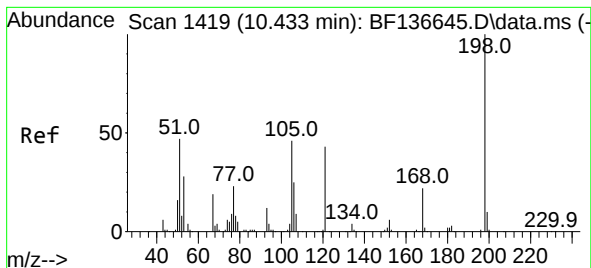


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15



Tgt Ion:	188	Resp:	298165
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	9.8	8.1	12.1

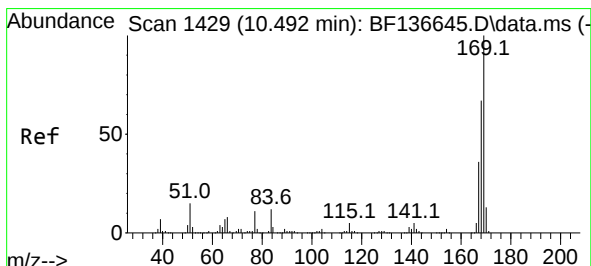
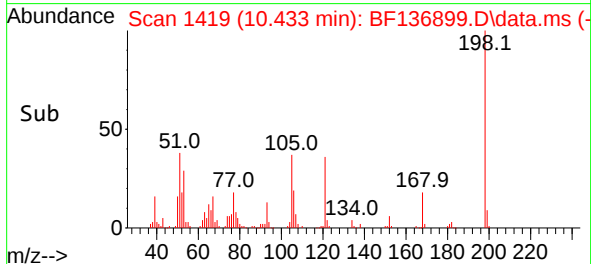
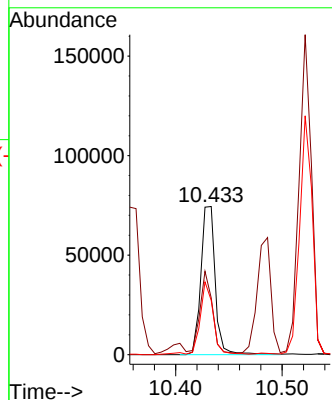
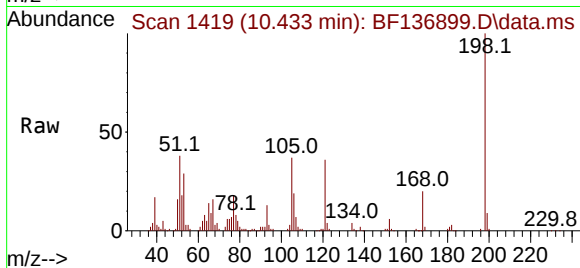




#65
4,6-Dinitro-2-methylphenol
Concen: 41.148 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

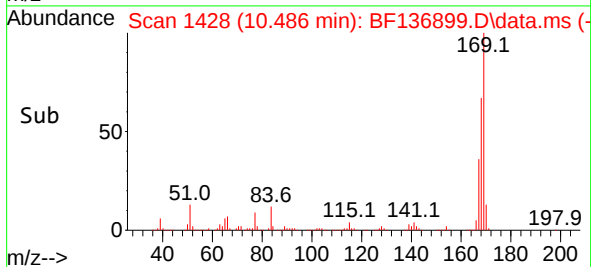
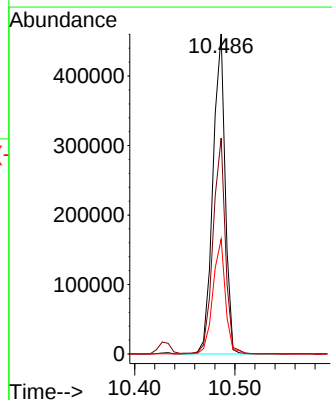
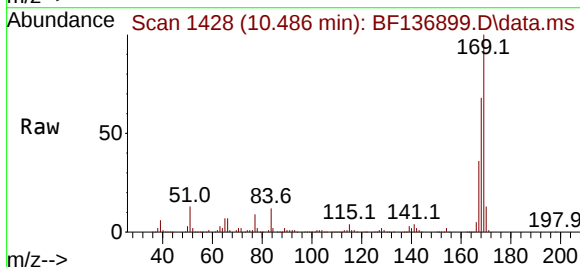
Instrument :
BNA_F
ClientSampleId :

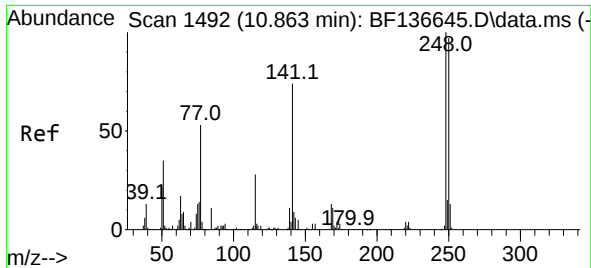
Tgt Ion:198 Resp: 70313
Ion Ratio Lower Upper
198 100
51 38.2 34.1 74.1
105 36.6 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 40.416 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Tgt Ion:169 Resp: 391457
Ion Ratio Lower Upper
169 100
168 67.5 53.8 80.6
167 35.9 28.7 43.1

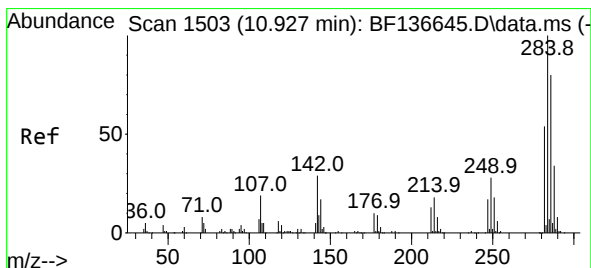
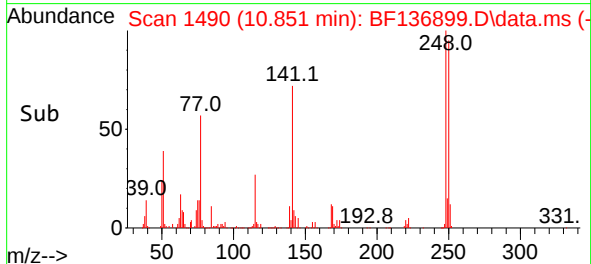
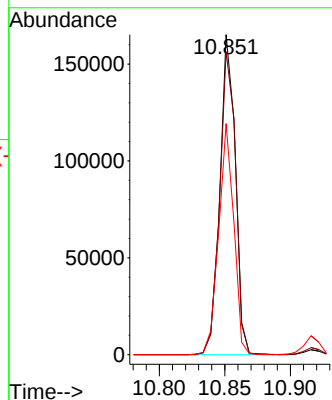
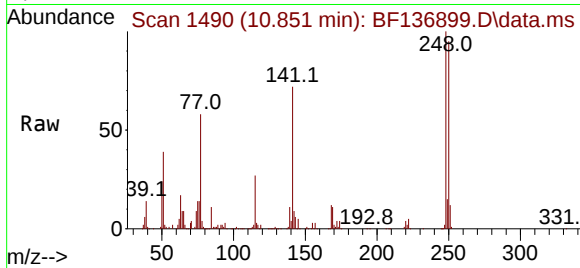




#67
4-Bromophenyl-phenylether
Concen: 40.722 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

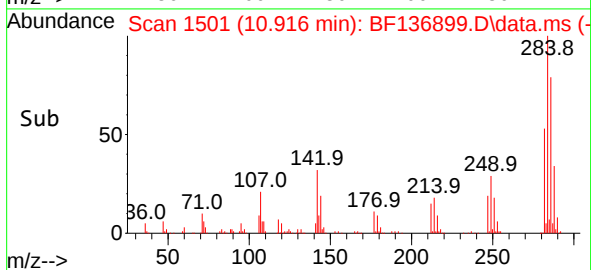
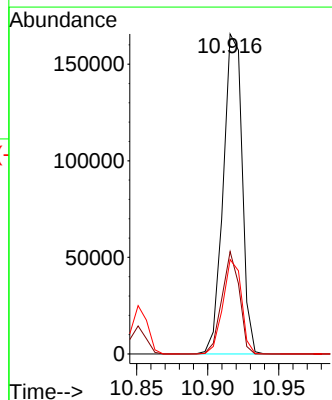
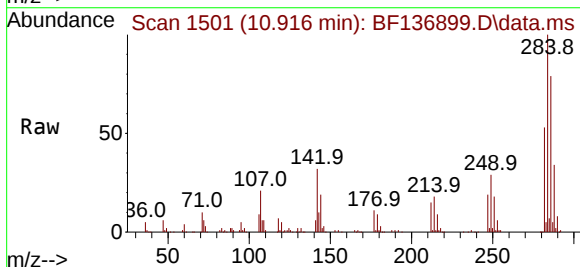
Instrument :
BNA_F
ClientSampleId :

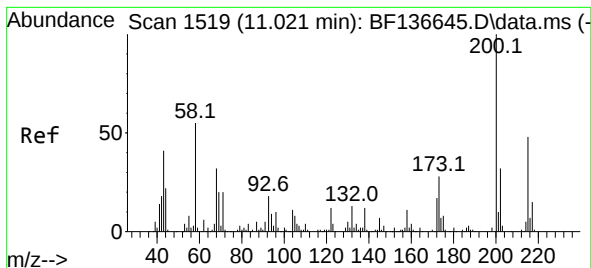
Tgt Ion:248 Resp: 134845
Ion Ratio Lower Upper
248 100
250 94.7 77.8 116.6
141 72.2 59.2 88.8



#68
Hexachlorobenzene
Concen: 41.462 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Tgt Ion:284 Resp: 153001
Ion Ratio Lower Upper
284 100
142 32.0 23.4 35.0
249 29.5 22.3 33.5





#69

Atrazine

Concen: 43.356 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

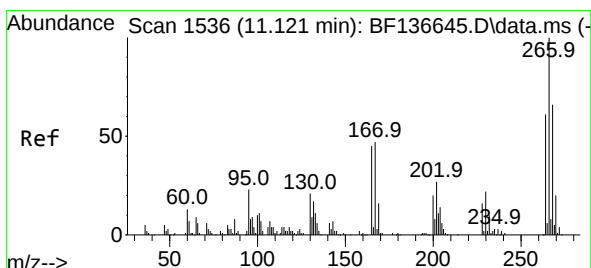
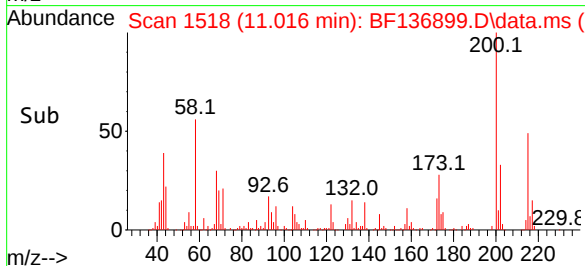
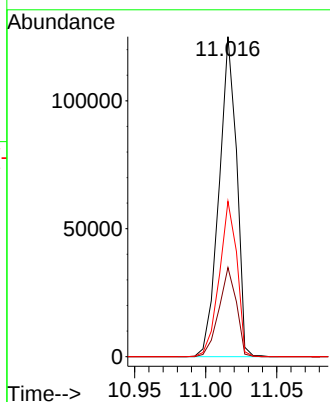
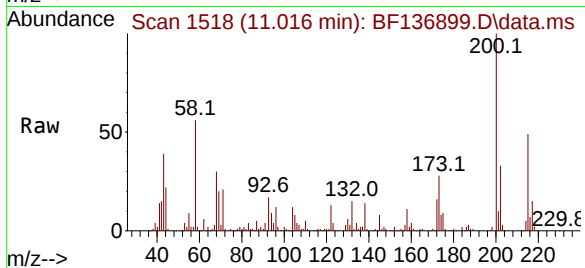
Tgt Ion:200 Resp: 107408

Ion Ratio Lower Upper

200 100

173 27.9 7.6 47.6

215 48.5 28.3 68.3



#70

Pentachlorophenol

Concen: 32.648 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

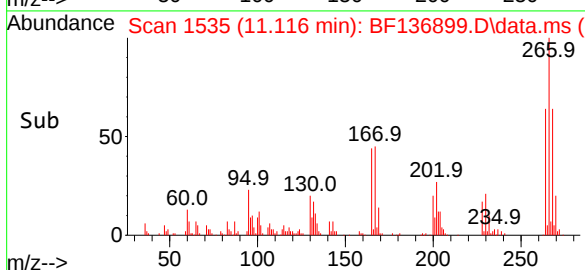
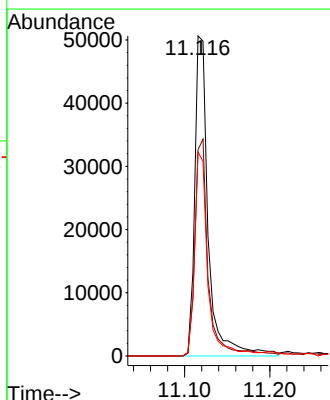
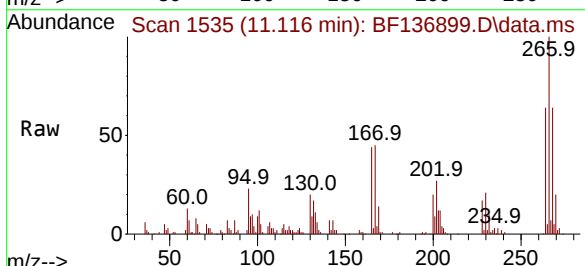
Tgt Ion:266 Resp: 56156

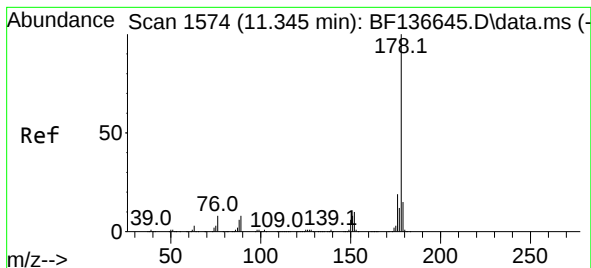
Ion Ratio Lower Upper

266 100

268 64.4 52.6 78.8

264 63.7 49.0 73.4





#71

Phenanthrene

Concen: 41.220 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

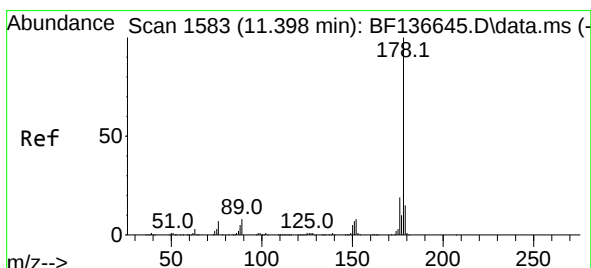
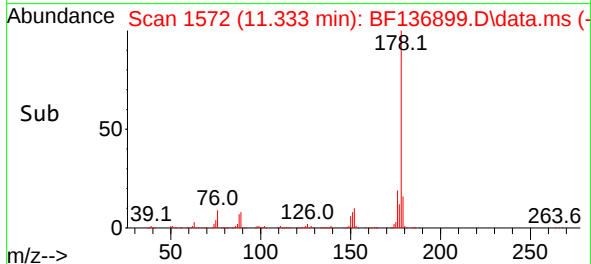
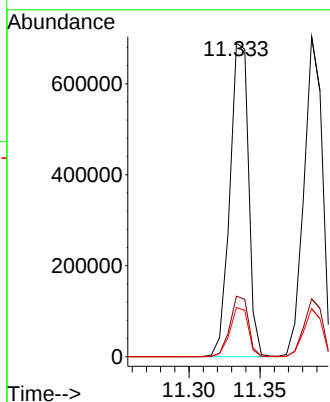
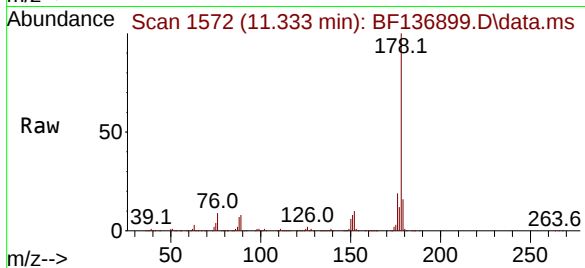
Tgt Ion:178 Resp: 630624

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.7 11.9 17.9



#72

Anthracene

Concen: 40.723 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

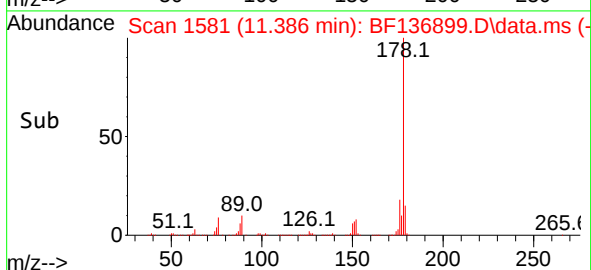
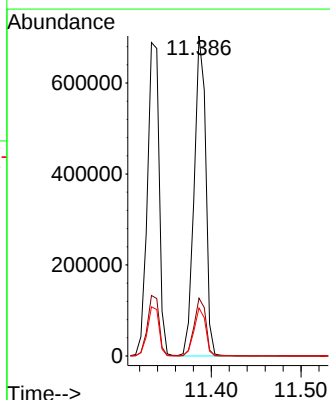
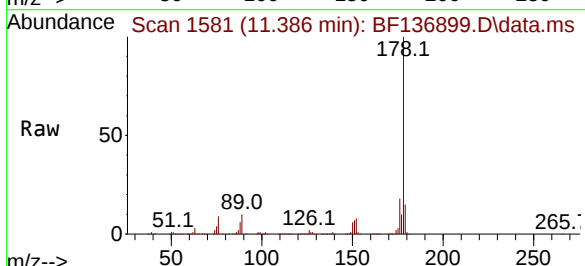
Tgt Ion:178 Resp: 630955

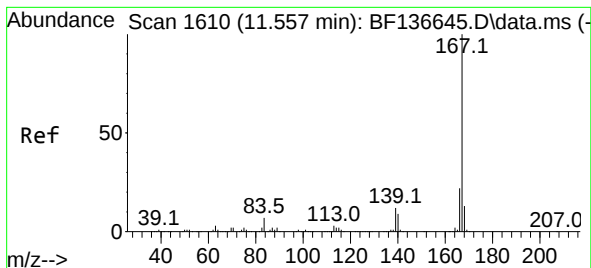
Ion Ratio Lower Upper

178 100

176 18.0 14.9 22.3

179 15.0 11.8 17.6





#73

Carbazole

Concen: 40.671 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.006 min

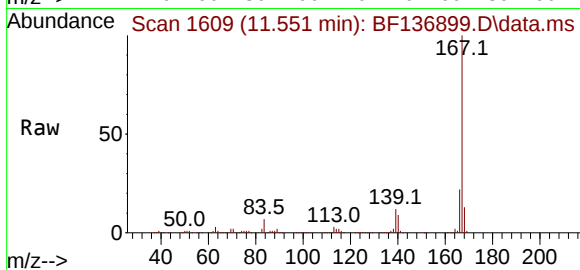
Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :



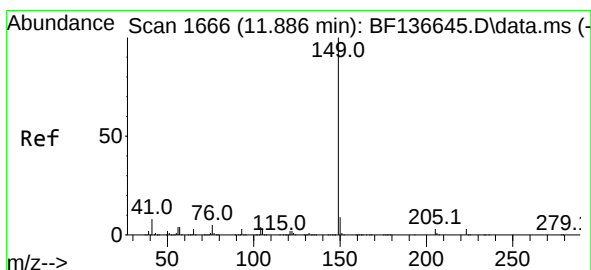
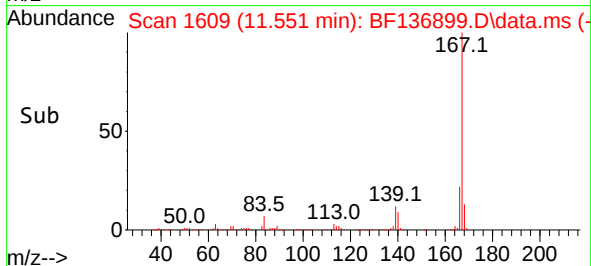
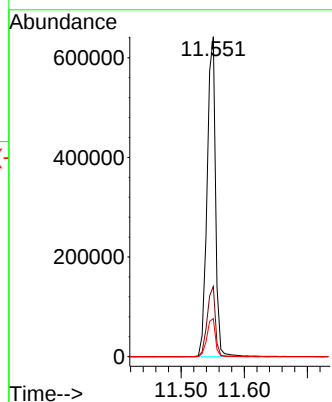
Tgt Ion:167 Resp: 594119

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 11.9 9.8 14.6



#74

Di-n-butylphthalate

Concen: 41.659 ng

RT: 11.874 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

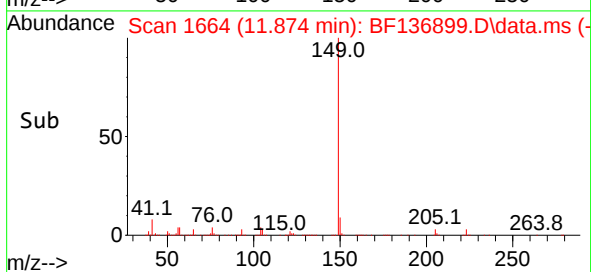
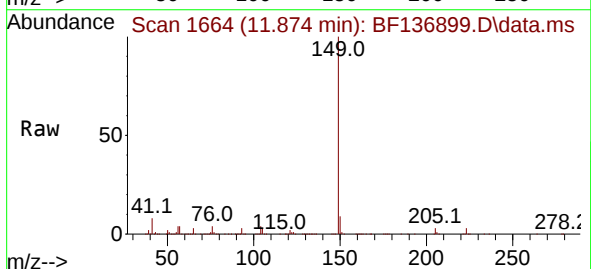
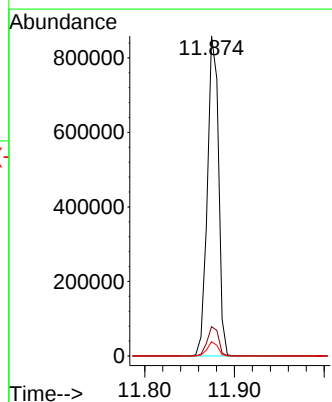
Tgt Ion:149 Resp: 742569

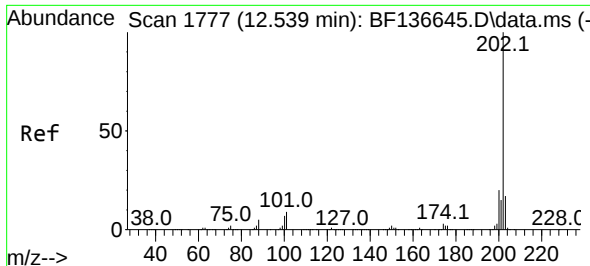
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

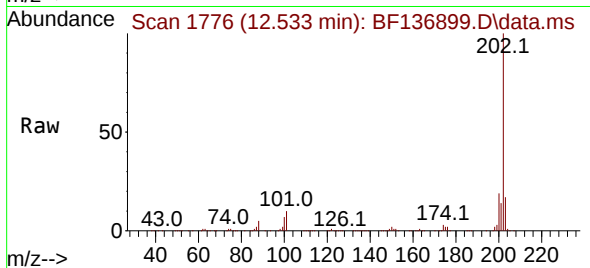
104 4.4 3.6 5.4



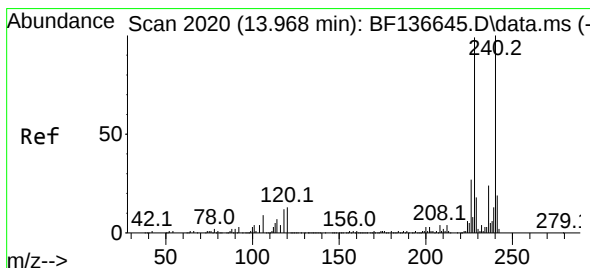
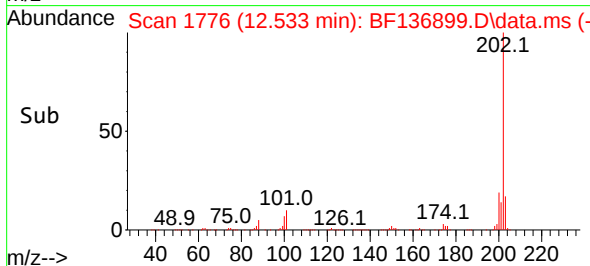
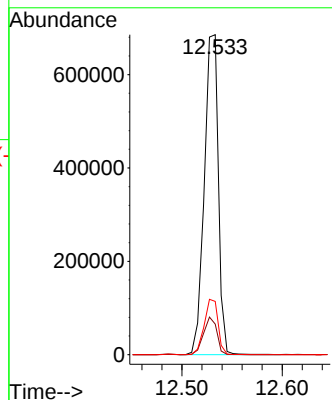


#75
Fluoranthene
Concen: 40.965 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Instrument :
BNA_F
ClientSampleId :

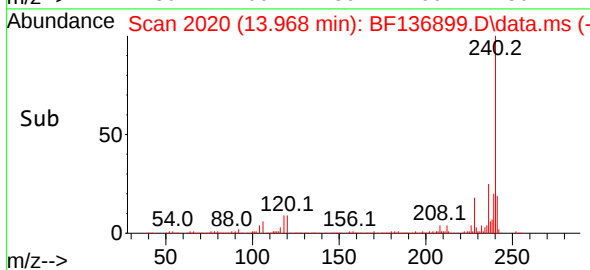
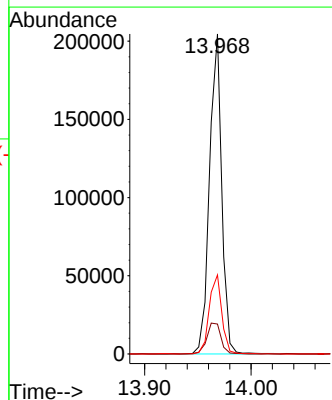
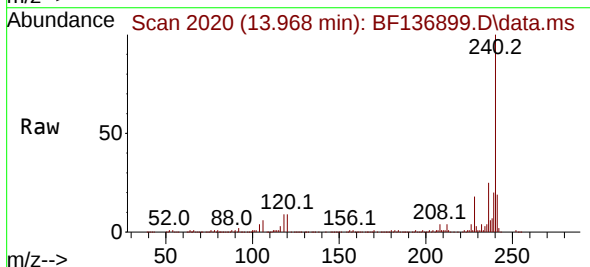


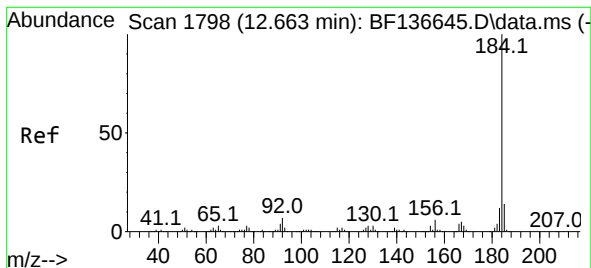
Tgt Ion:202 Resp: 670382
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.3
203 16.7 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136899.D
Acq: 03 Jan 2024 10:15

Tgt Ion:240 Resp: 163608
Ion Ratio Lower Upper
240 100
120 9.4 10.3 15.5#
236 24.7 19.4 29.2





#77

Benzidine

Concen: 39.672 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

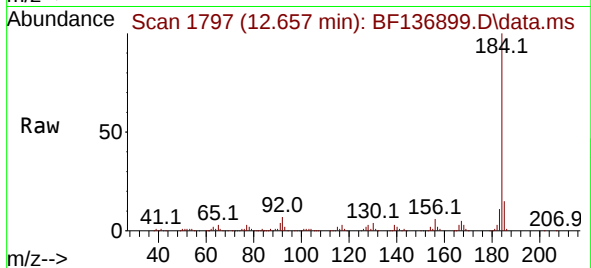
Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

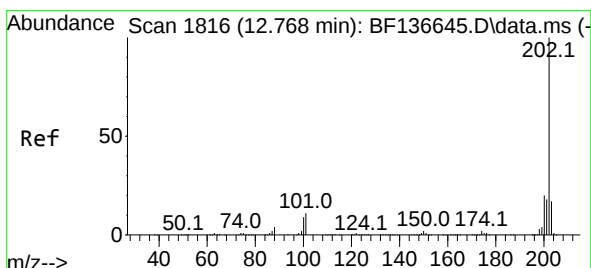
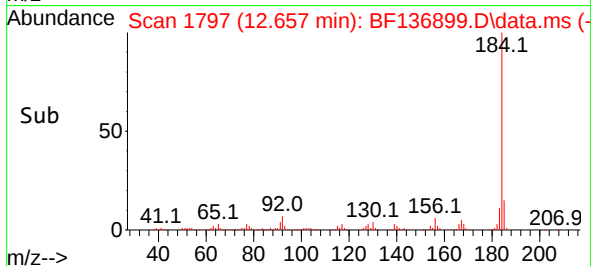
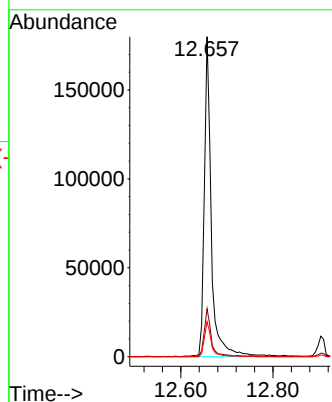
BNA_F

ClientSampleId :



Tgt Ion:184 Resp: 191380

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.2	16.8
183	10.9	9.3	13.9



#78

Pyrene

Concen: 41.768 ng

RT: 12.763 min Scan# 1815

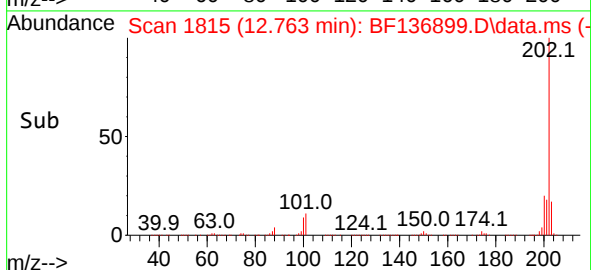
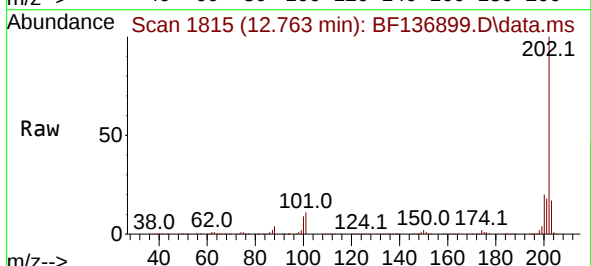
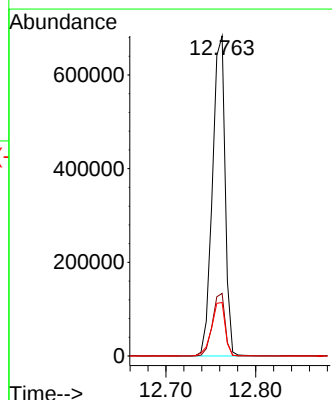
Delta R.T. -0.006 min

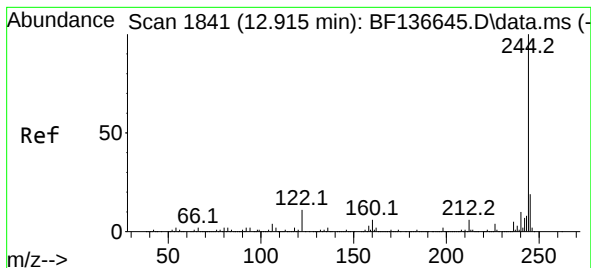
Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Tgt Ion:202 Resp: 670836

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.9	23.9
203	16.7	13.8	20.6





#79

Terphenyl-d14

Concen: 84.014 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

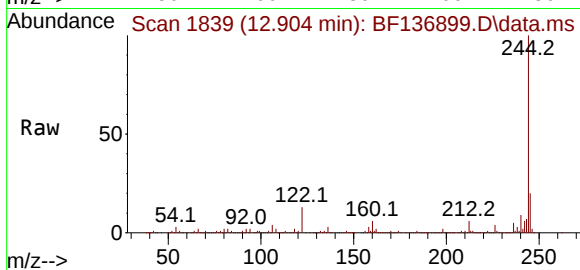
Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :



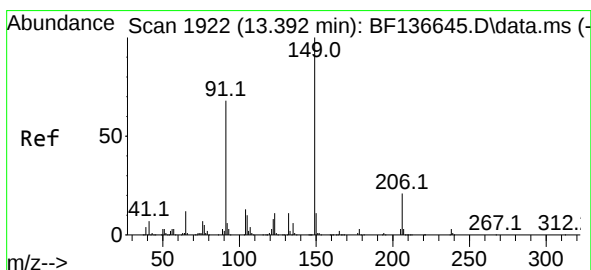
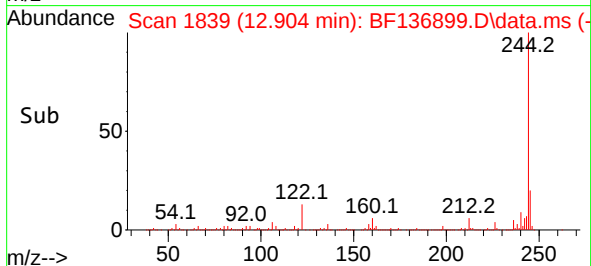
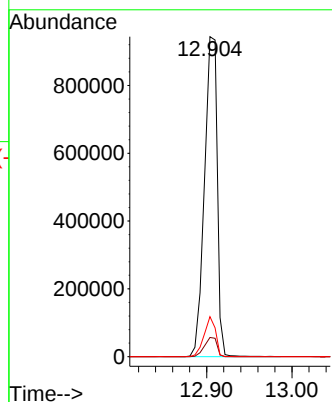
Tgt Ion:244 Resp: 983591

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 12.5 9.0 13.4



#80

Butylbenzylphthalate

Concen: 44.080 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.012 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

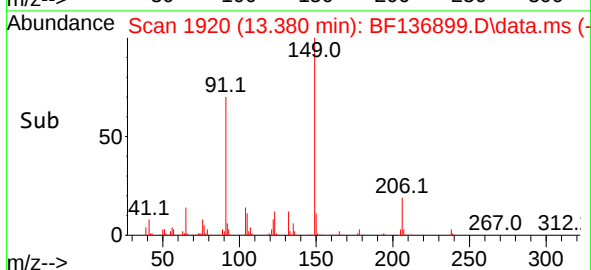
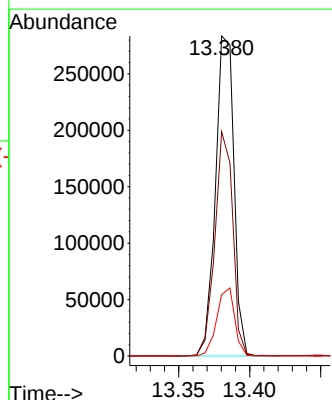
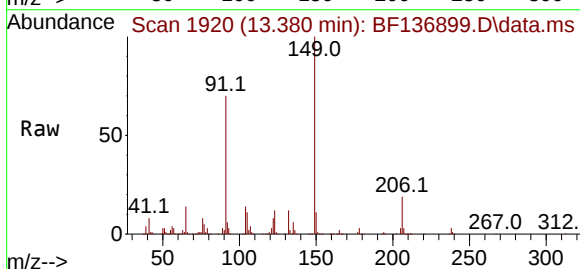
Tgt Ion:149 Resp: 257609

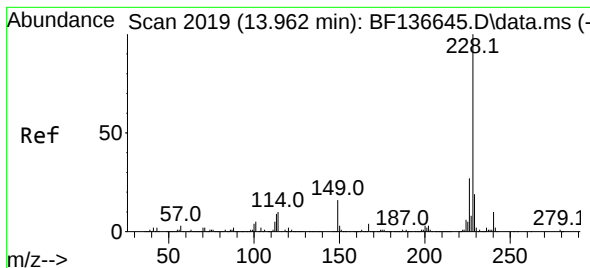
Ion Ratio Lower Upper

149 100

91 70.1 54.1 81.1

206 19.1 17.1 25.7





#81

Benzo(a)anthracene

Concen: 41.154 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

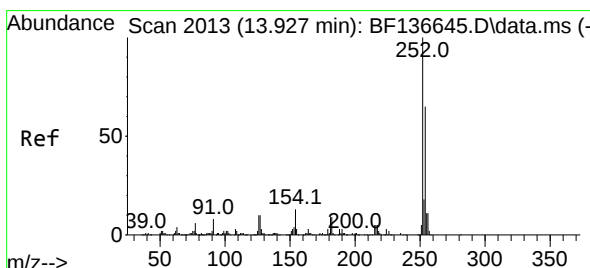
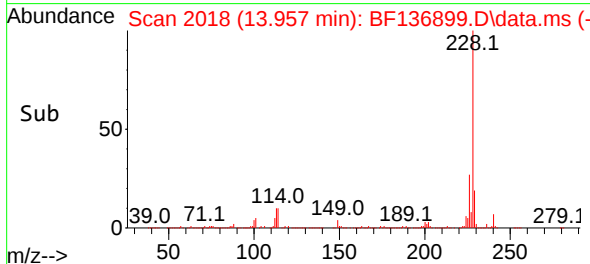
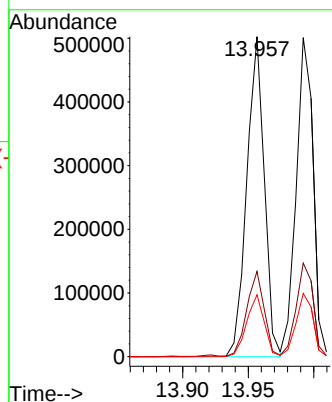
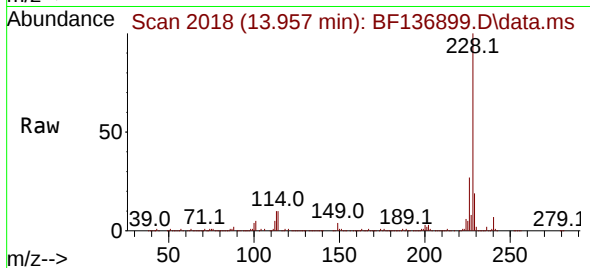
Tgt Ion:228 Resp: 467546

Ion Ratio Lower Upper

228 100

226 26.7 21.4 32.0

229 19.3 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 41.391 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

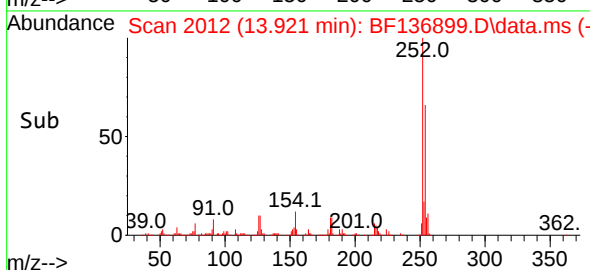
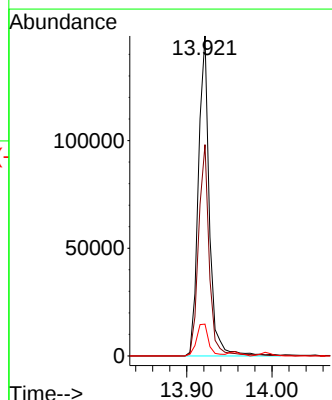
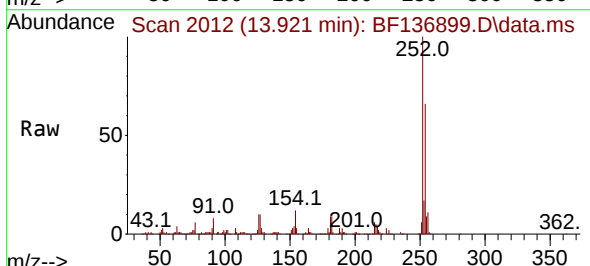
Tgt Ion:252 Resp: 133543

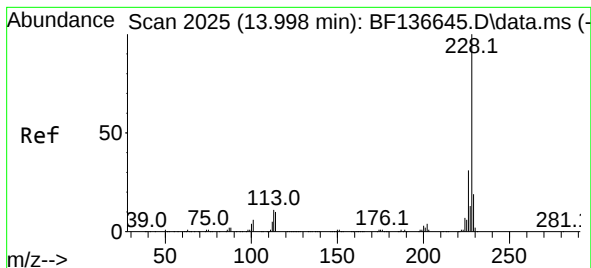
Ion Ratio Lower Upper

252 100

254 66.1 52.2 78.4

126 9.9 8.0 12.0





#83

Chrysene

Concen: 40.691 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

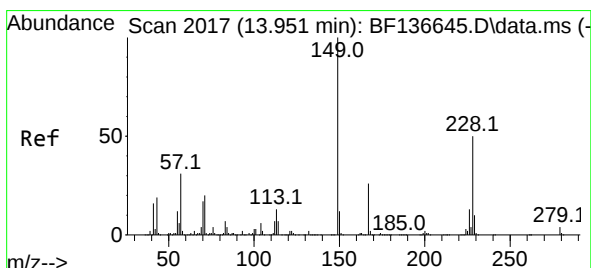
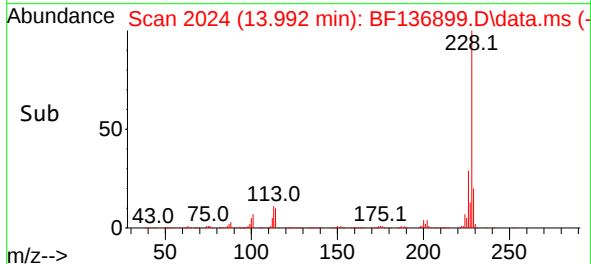
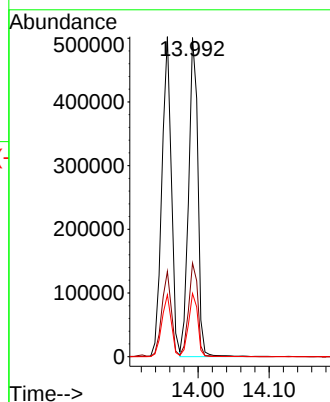
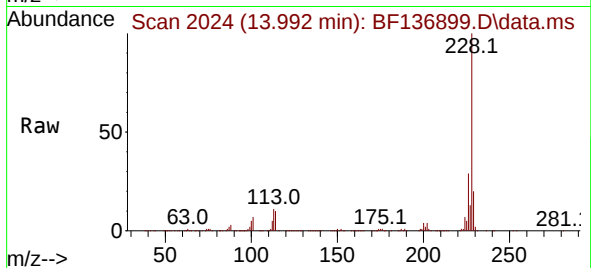
Tgt Ion:228 Resp: 452063

Ion Ratio Lower Upper

228 100

226 29.3 24.7 37.1

229 19.8 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.894 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

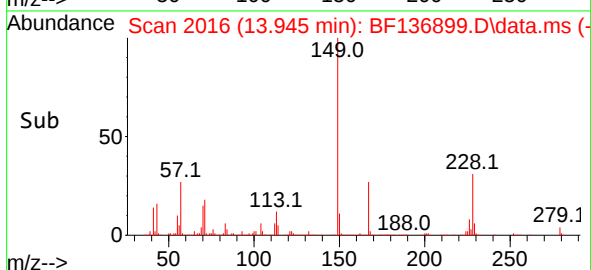
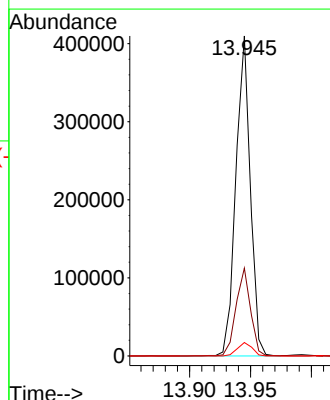
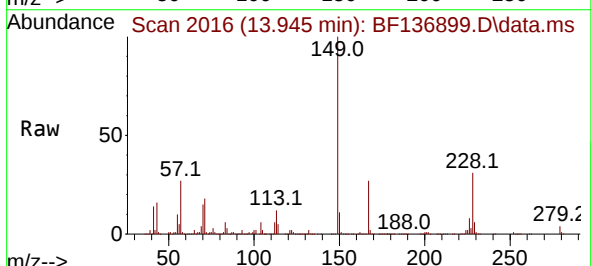
Tgt Ion:149 Resp: 337455

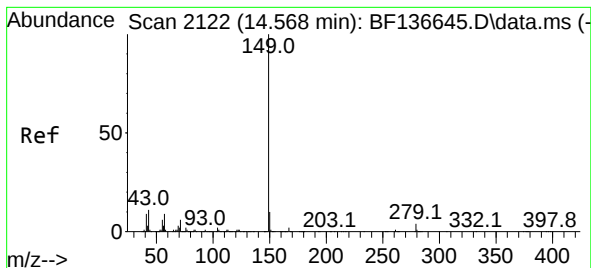
Ion Ratio Lower Upper

149 100

167 27.4 20.9 31.3

279 4.2 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 41.129 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

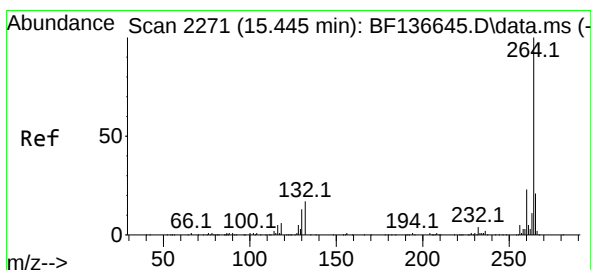
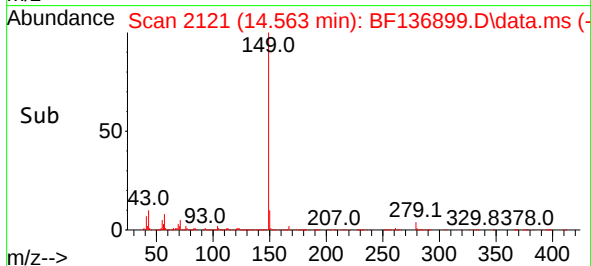
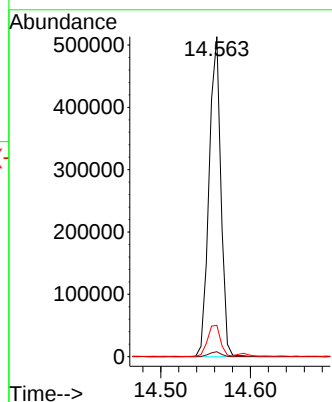
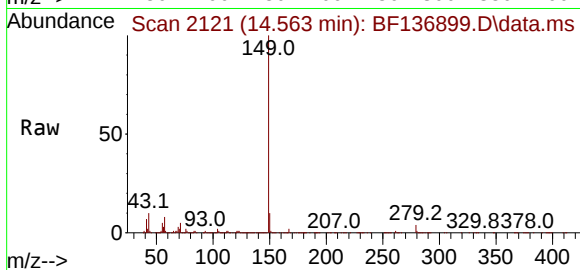
Tgt Ion:149 Resp: 467796

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.7 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

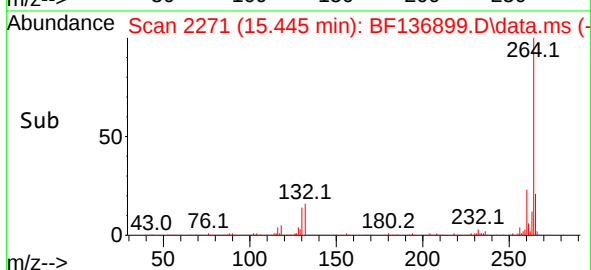
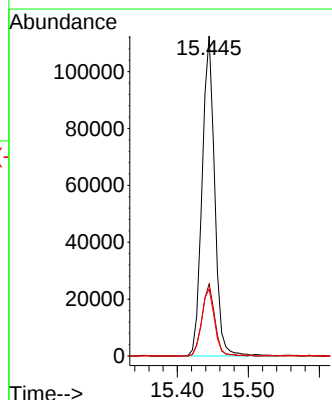
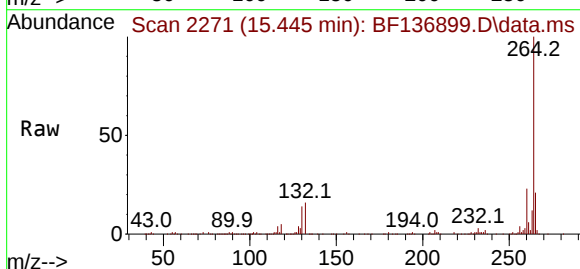
Tgt Ion:264 Resp: 138737

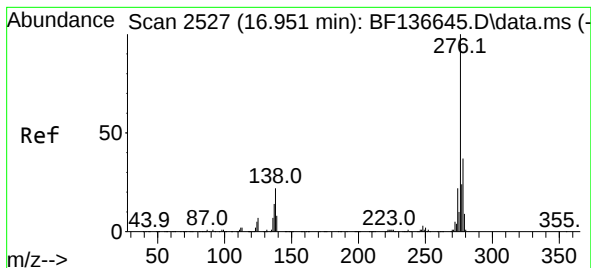
Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

265 20.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.232 ng

RT: 16.956 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

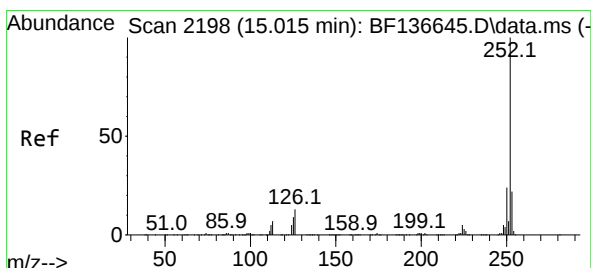
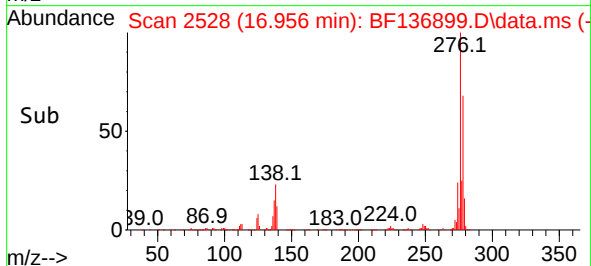
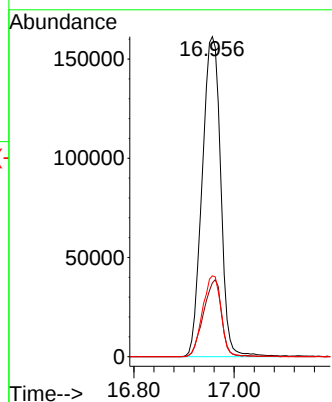
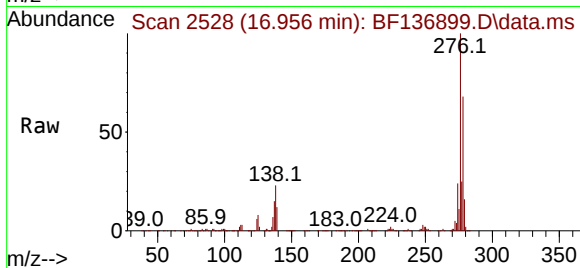
Tgt Ion:276 Resp: 413017

Ion Ratio Lower Upper

276 100

138 23.5 18.7 28.1

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 41.464 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

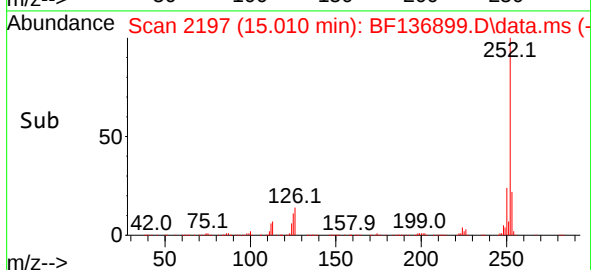
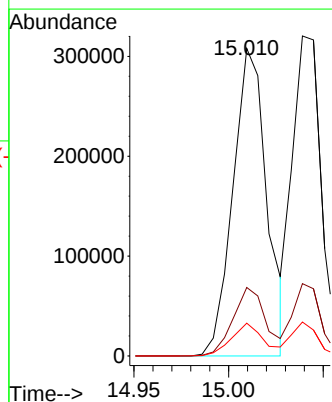
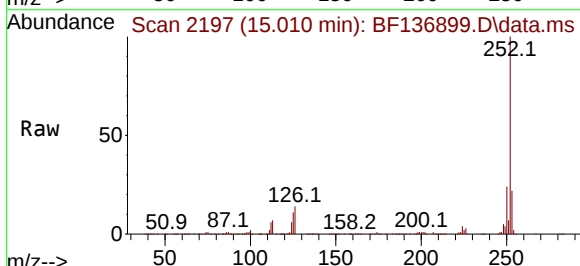
Tgt Ion:252 Resp: 384218

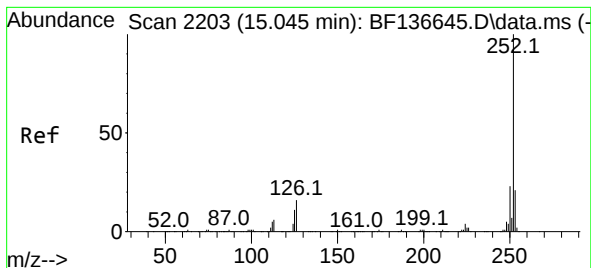
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 39.046 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

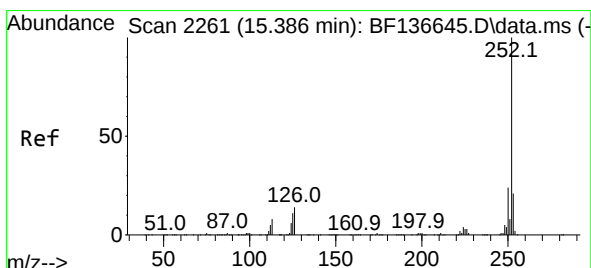
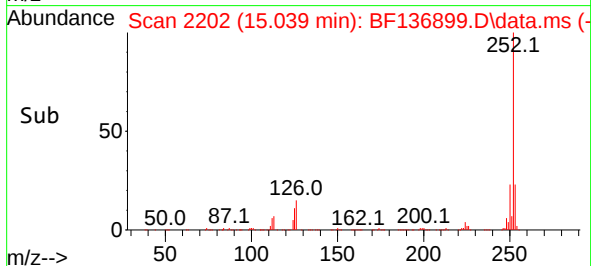
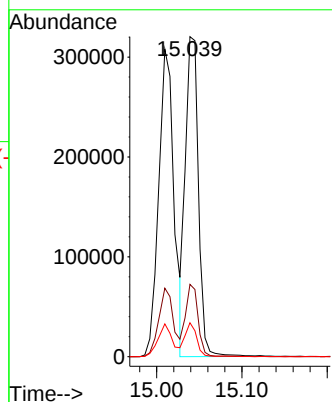
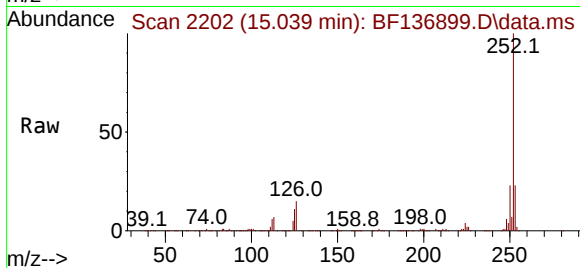
Tgt Ion:252 Resp: 341884

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

125 10.6 8.2 12.4



#90

Benzo(a)pyrene

Concen: 40.569 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

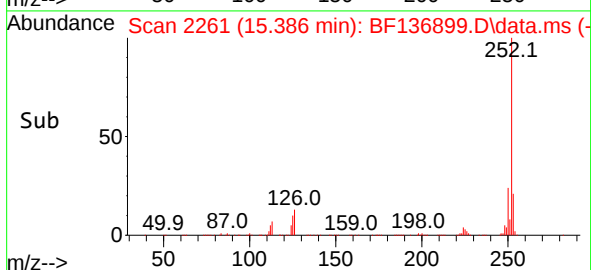
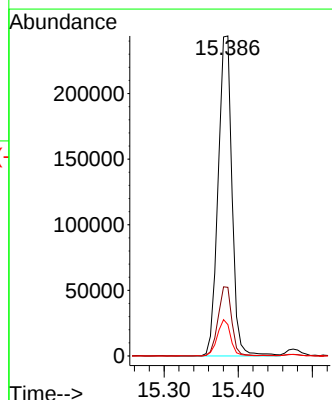
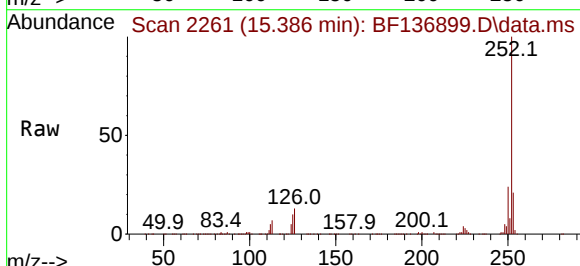
Tgt Ion:252 Resp: 317319

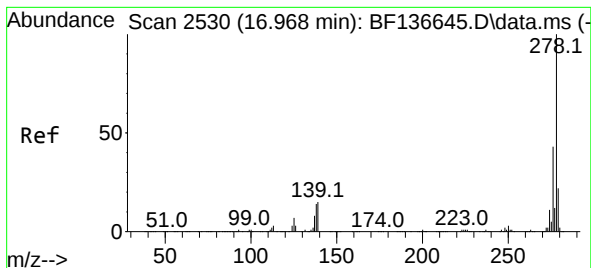
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 9.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 41.222 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Instrument :

BNA_F

ClientSampleId :

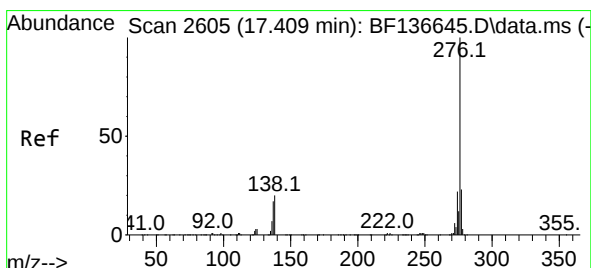
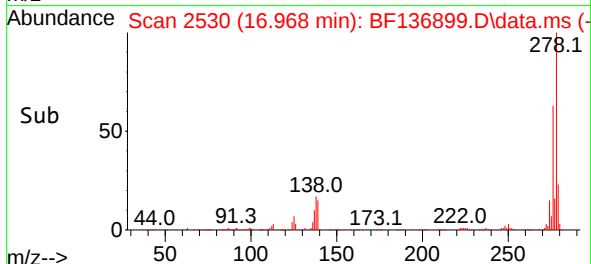
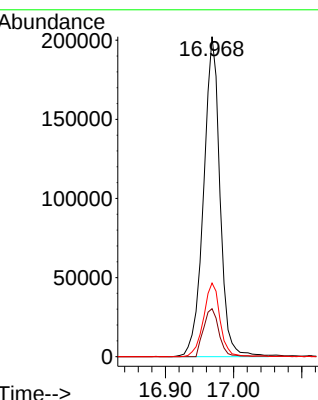
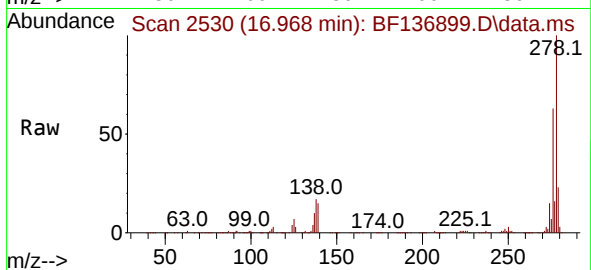
Tgt Ion:278 Resp: 338762

Ion Ratio Lower Upper

278 100

139 15.0 12.2 18.4

279 23.0 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 41.738 ng

RT: 17.415 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF136899.D

Acq: 03 Jan 2024 10:15

Tgt Ion:276 Resp: 351309

Ion Ratio Lower Upper

276 100

277 22.6 18.3 27.5

138 18.5 15.6 23.4

