

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136718.D
 Acq On : 26 Dec 2023 14:26
 Operator : CG\JU
 Sample : PB157861BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157861BS

Quant Time: Dec 26 15:13:19 2023
 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	6.787	152	99703	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	392467	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	193409	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	346176	20.000	ng	0.00
76) Chrysene-d12	13.969	240	182449	20.000	ng	0.00
86) Perylene-d12	15.445	264	174185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	737201	115.367	ng	0.01
7) Phenol-d6	6.446	99	896234	108.241	ng	0.00
23) Nitrobenzene-d5	7.357	82	572317	74.620	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	246533	108.232	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1086097	75.528	ng	0.00
79) Terphenyl-d14	12.910	244	991942	75.978	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	82663	31.047	ng	98
3) Pyridine	3.393	79	191987	29.554	ng	96
4) n-Nitrosodimethylamine	3.352	42	136149	39.247	ng	90
6) Aniline	6.451	93	238469	28.806	ng	# 31
8) 2-Chlorophenol	6.581	128	287255	41.078	ng	94
9) Benzaldehyde	6.340	77	88313	18.752	ng	98
10) Phenol	6.457	94	334698	37.866	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	273121	40.632	ng	98
12) 1,3-Dichlorobenzene	6.728	146	281708	36.929	ng	99
13) 1,4-Dichlorobenzene	6.804	146	288362	36.995	ng	99
14) 1,2-Dichlorobenzene	6.957	146	275797	38.025	ng	97
15) Benzyl Alcohol	6.940	79	228292	40.869	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	429442	39.076	ng	86
17) 2-Methylphenol	7.051	107	228005	39.358	ng	96
18) Hexachloroethane	7.293	117	106019	37.453	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	195374	38.925	ng	99
20) 3+4-Methylphenols	7.204	107	274522	37.931	ng	# 80
22) Acetophenone	7.198	105	394992	40.153	ng	93
24) Nitrobenzene	7.375	77	288460	37.545	ng	94
25) Isophorone	7.610	82	534682	38.312	ng	99
26) 2-Nitrophenol	7.687	139	150022	40.812	ng	98
27) 2,4-Dimethylphenol	7.728	122	242357	54.156	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	332427	39.187	ng	100
29) 2,4-Dichlorophenol	7.934	162	227731	39.527	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	241975	37.695	ng	98
31) Naphthalene	8.087	128	809120	37.527	ng	100
32) Benzoic acid	7.881	122	182188	42.075	ng	99
33) 4-Chloroaniline	8.140	127	200408	25.175	ng	99
34) Hexachlorobutadiene	8.198	225	142803	36.615	ng	99
35) Caprolactam	8.522	113	48873	25.714	ng	94
36) 4-Chloro-3-methylphenol	8.634	107	248642	38.335	ng	97
37) 2-Methylnaphthalene	8.781	142	522444	37.651	ng	99
38) 1-Methylnaphthalene	8.881	142	481442	35.365	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	243503	40.653	ng	98
41) Hexachlorocyclopentadiene	8.928	237	145815	76.574	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	159412	41.499	ng	97

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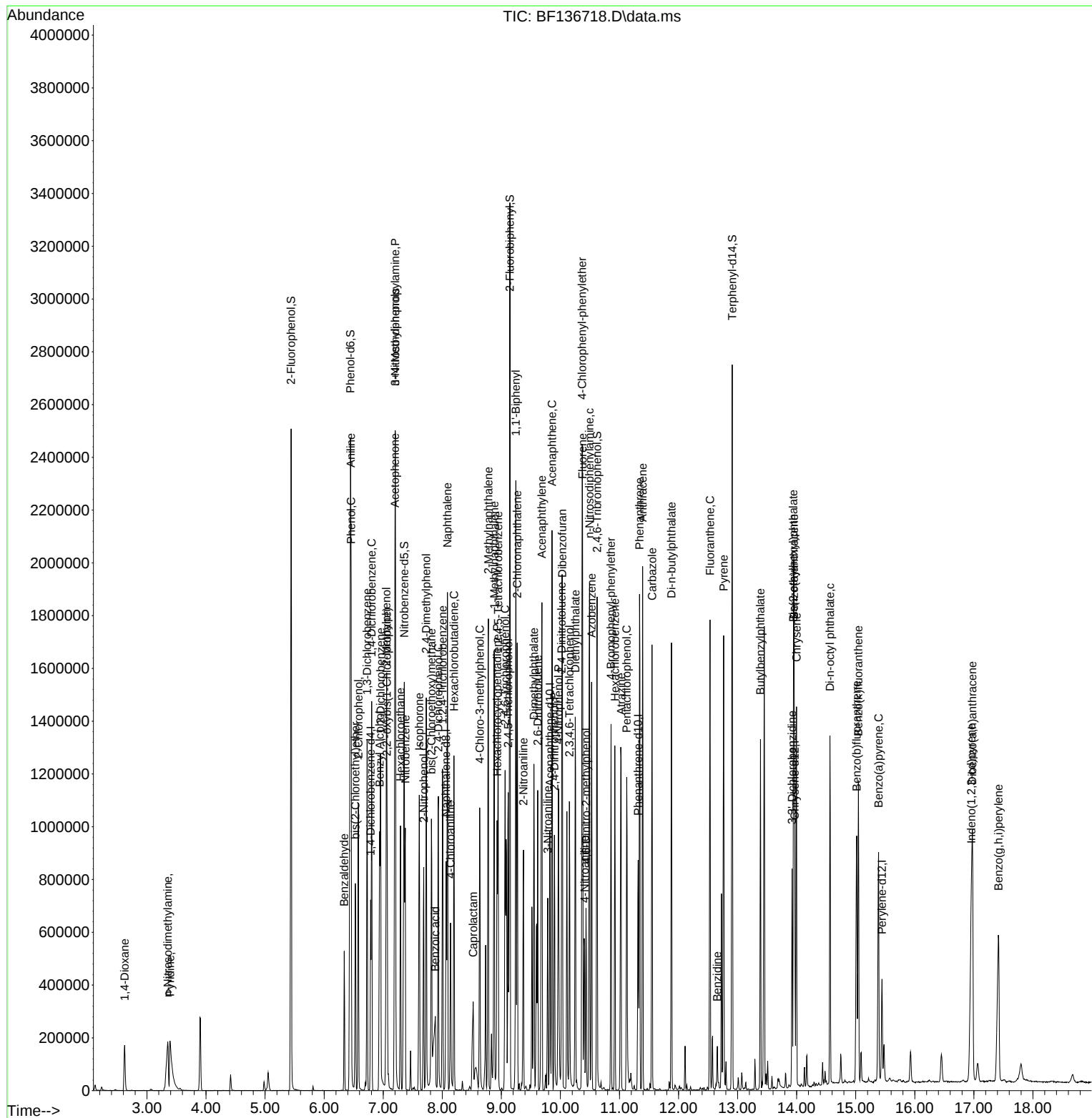
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	168878	39.451	ng	99
46) 1,1'-Biphenyl	9.245	154	653417	40.260	ng	98
47) 2-Chloronaphthalene	9.269	162	482568	39.111	ng	99
48) 2-Nitroaniline	9.375	65	157638	40.800	ng	92
49) Acenaphthylene	9.686	152	750003	39.769	ng	100
50) Dimethylphthalate	9.551	163	561543	39.749	ng	99
51) 2,6-Dinitrotoluene	9.616	165	123308	38.460	ng	# 86
52) Acenaphthene	9.857	154	453933	38.830	ng	99
53) 3-Nitroaniline	9.786	138	105585	31.088	ng	95
54) 2,4-Dinitrophenol	9.898	184	138005	77.774	ng	# 85
55) Dibenzofuran	10.034	168	680811	38.419	ng	98
56) 4-Nitrophenol	9.969	139	170067	74.177	ng	99
57) 2,4-Dinitrotoluene	10.022	165	155508	37.362	ng	95
58) Fluorene	10.375	166	531159	37.776	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	141613	42.976	ng	97
60) Diethylphthalate	10.251	149	555784	37.918	ng	99
61) 4-Chlorophenyl-phenylether	10.369	204	254273	37.204	ng	94
62) 4-Nitroaniline	10.410	138	119826	36.598	ng	93
63) Azobenzene	10.528	77	519201	37.925	ng	98
65) 4,6-Dinitro-2-methylph...	10.434	198	90721	45.728	ng	96
66) n-Nitrosodiphenylamine	10.492	169	474878	42.229	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	156281	40.650	ng	100
68) Hexachlorobenzene	10.922	284	172343	40.226	ng	96
69) Atrazine	11.028	200	172362	59.926	ng	98
70) Pentachlorophenol	11.122	266	157767	79.002	ng	96
71) Phenanthrene	11.339	178	733741	41.308	ng	99
72) Anthracene	11.392	178	733088	40.753	ng	99
73) Carbazole	11.551	167	657832	38.787	ng	100
74) Di-n-butylphthalate	11.880	149	815318	39.396	ng	99
75) Fluoranthene	12.533	202	715856	37.677	ng	98
77) Benzidine	12.657	184	65924	12.254	ng	98
78) Pyrene	12.763	202	715224	39.933	ng	100
80) Butylbenzylphthalate	13.386	149	278522	42.737	ng	97
81) Benzo(a)anthracene	13.957	228	523384	41.312	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	165069	45.879	ng	96
83) Chrysene	13.998	228	501465	40.477	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	366443	44.690	ng	99
85) Di-n-octyl phthalate	14.563	149	612954	48.326	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	614220	48.839	ng	99
88) Benzo(b)fluoranthene	15.016	252	497785	42.787	ng	100
89) Benzo(k)fluoranthene	15.045	252	486012	44.211	ng	100
90) Benzo(a)pyrene	15.386	252	434984	44.294	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	518319	50.236	ng	97
92) Benzo(g,h,i)perylene	17.415	276	525629	49.740	ng	99

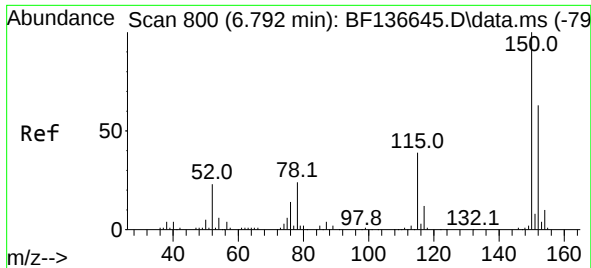
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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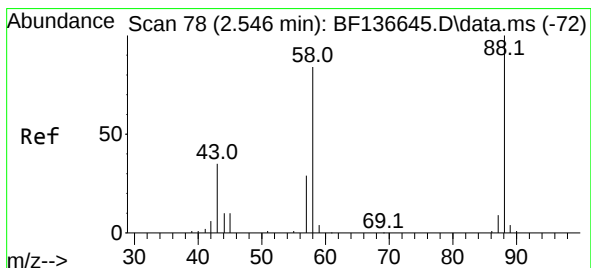
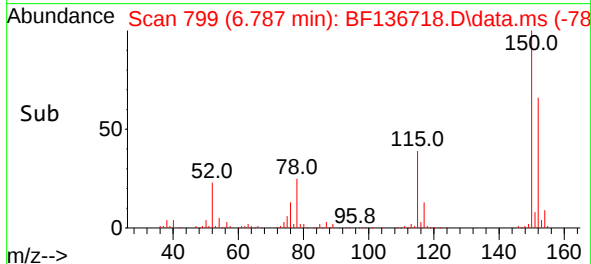
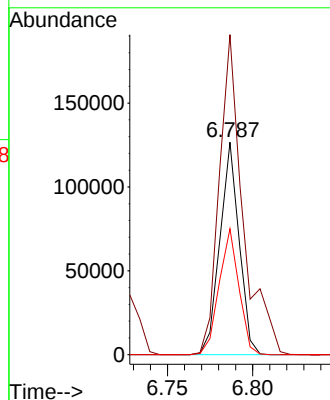
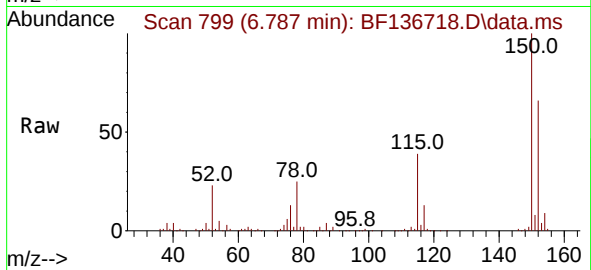




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF136718.D
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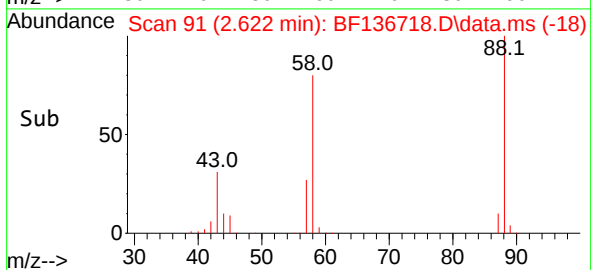
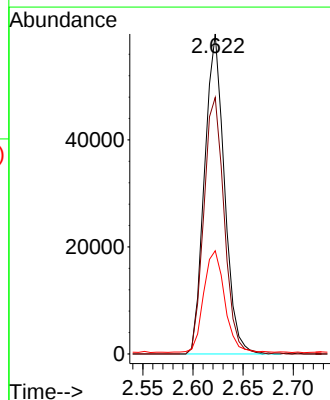
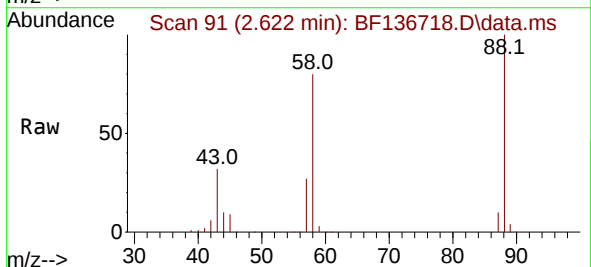
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 ClientSampleId :
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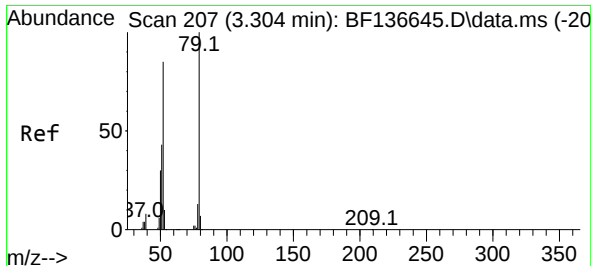
Tgt Ion:152 Resp: 99703
 Ion Ratio Lower Upper
 152 100
 150 150.6 127.0 190.6
 115 59.2 49.0 73.4



#2
 1,4-Dioxane
 Concen: 31.047 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.077 min
 Lab File: BF136718.D
 Acq: 26 Dec 2023 14:26

Tgt Ion: 88 Resp: 82663
 Ion Ratio Lower Upper
 88 100
 58 82.0 67.4 101.0
 43 34.2 27.7 41.5

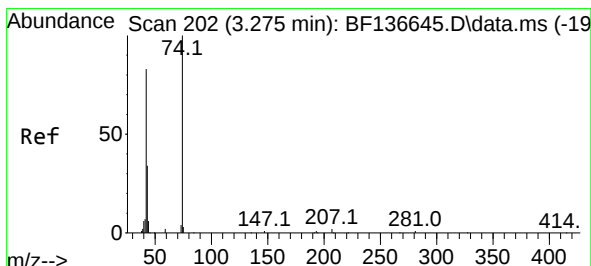
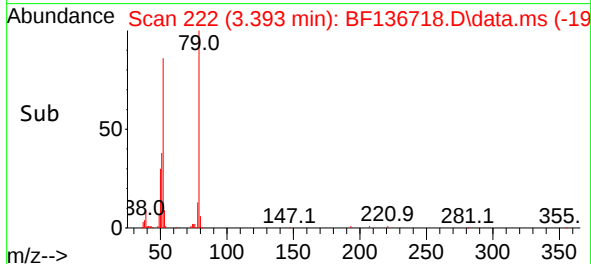
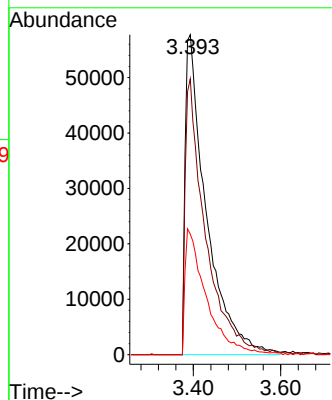
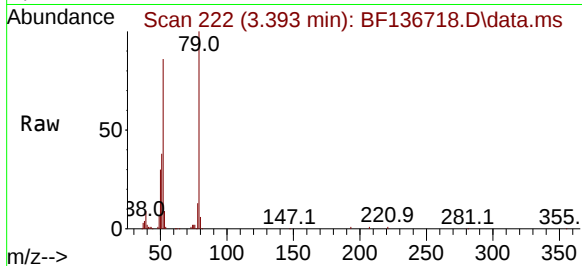




#3
 Pyridine
 Concen: 29.554 ng
 RT: 3.393 min Scan# 215
 Delta R.T. 0.088 min
 Lab File: BF136718.D
 Acq: 26 Dec 2023 14:26

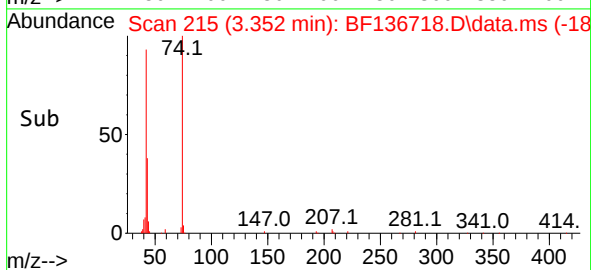
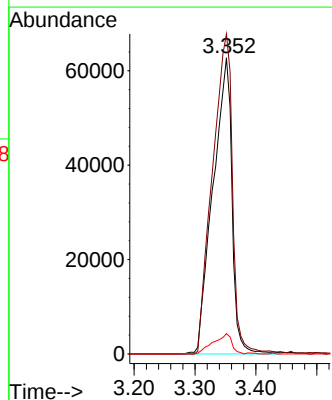
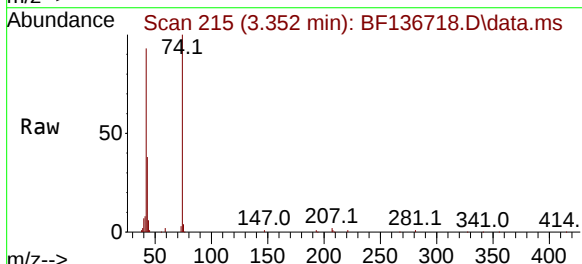
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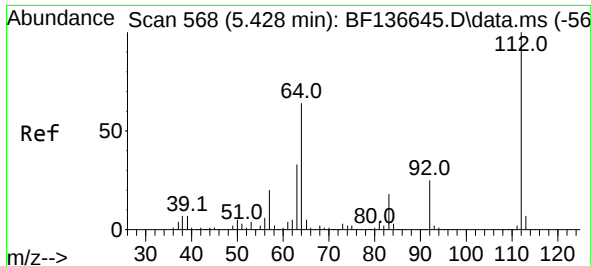
Tgt Ion: 79 Resp: 191987
 Ion Ratio Lower Upper
 79 100
 52 86.2 67.7 101.5
 51 37.6 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 39.247 ng
 RT: 3.352 min Scan# 215
 Delta R.T. 0.077 min
 Lab File: BF136718.D
 Acq: 26 Dec 2023 14:26

Tgt Ion: 42 Resp: 136149
 Ion Ratio Lower Upper
 42 100
 74 108.0 96.0 144.0
 44 6.9 5.4 8.2

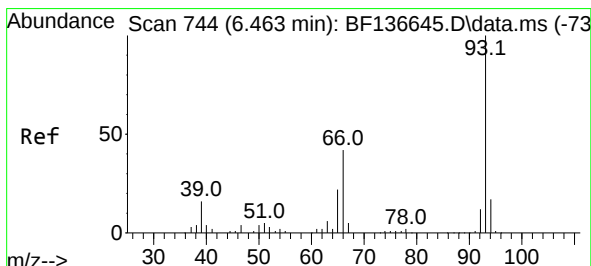
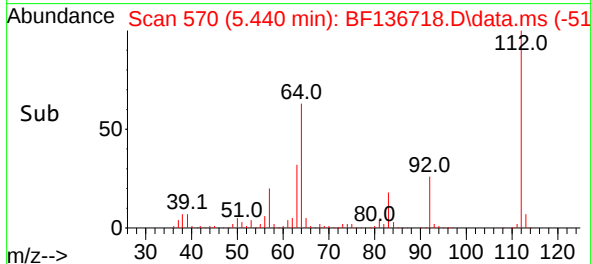
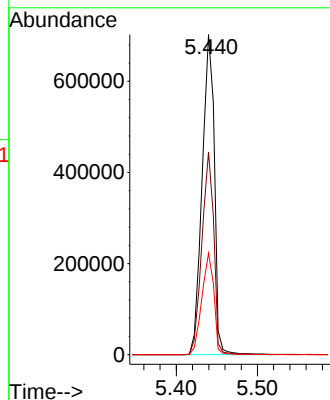
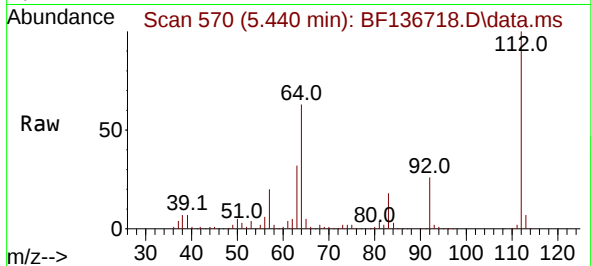




#5
2-Fluorophenol
Concen: 115.367 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

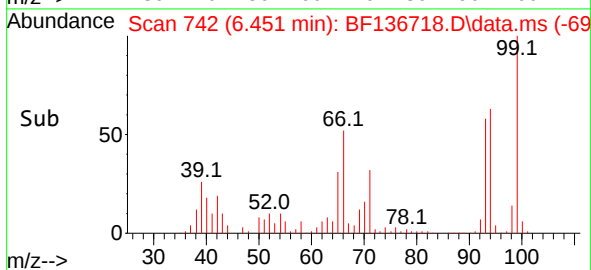
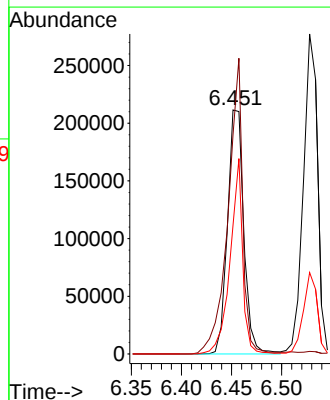
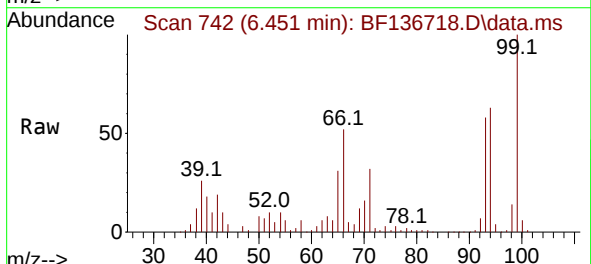
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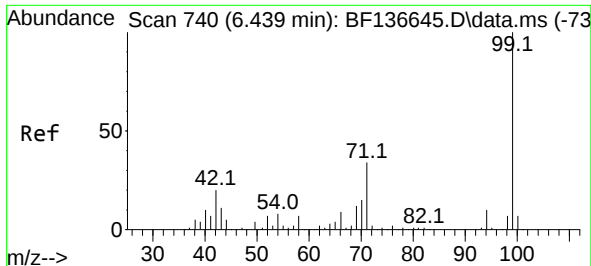
Tgt Ion:112 Resp: 737201
Ion Ratio Lower Upper
112 100
64 63.4 51.1 76.7
63 31.7 26.1 39.1



#6
Aniline
Concen: 28.806 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136718.D
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Tgt Ion: 93 Resp: 238469
Ion Ratio Lower Upper
93 100
66 89.7 34.6 51.8#
65 52.7 17.8 26.8#

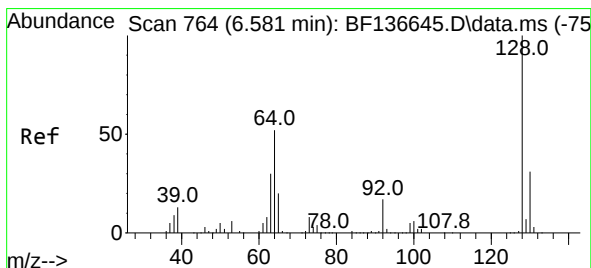
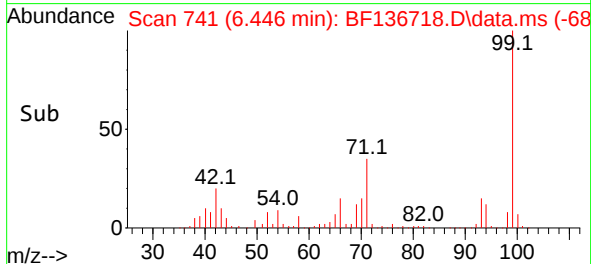
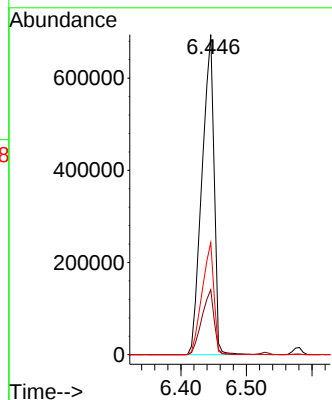
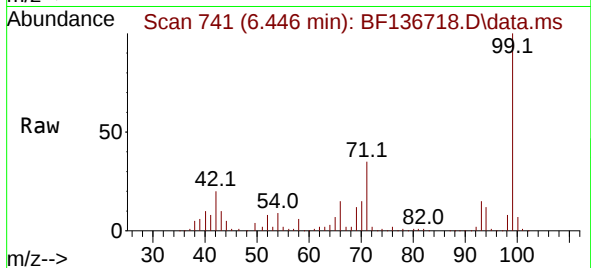




#7
Phenol-d6
Concen: 108.241 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136718.D
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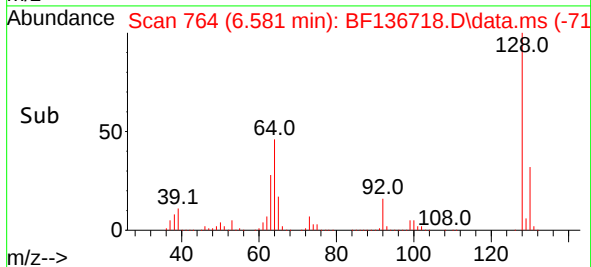
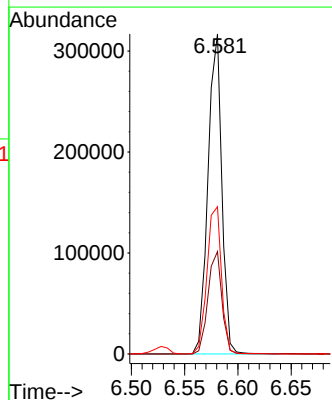
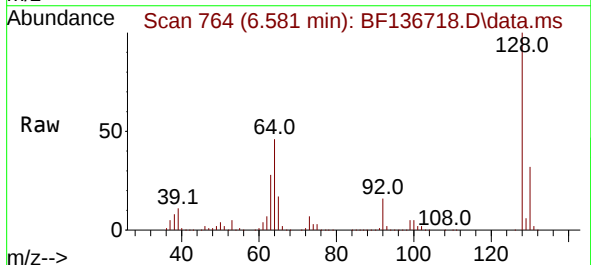
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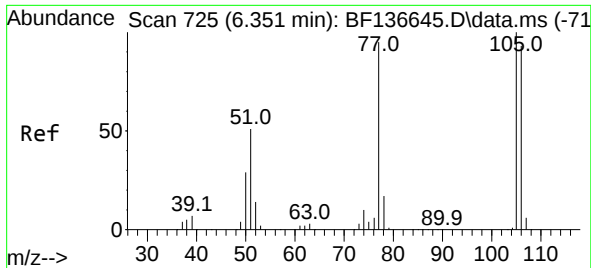
Tgt Ion: 99 Resp: 896234
Ion Ratio Lower Upper
99 100
42 20.3 16.1 24.1
71 35.0 27.4 41.2



#8
2-Chlorophenol
Concen: 41.078 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:128 Resp: 287255
Ion Ratio Lower Upper
128 100
130 32.0 11.3 51.3
64 46.0 32.5 72.5





#9

Benzaldehyde

Concen: 18.752 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

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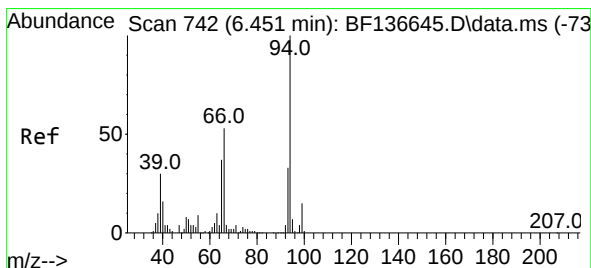
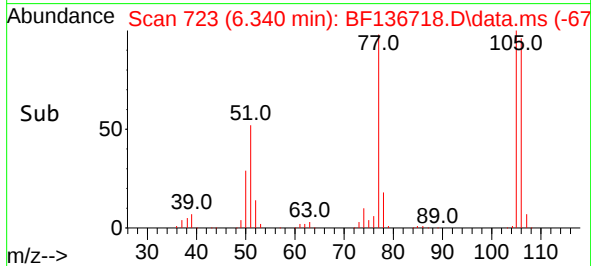
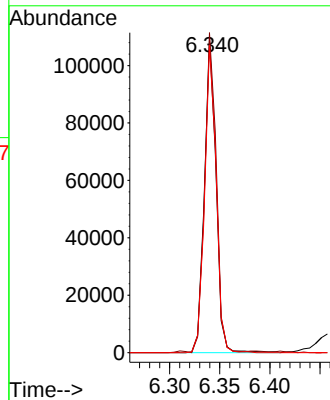
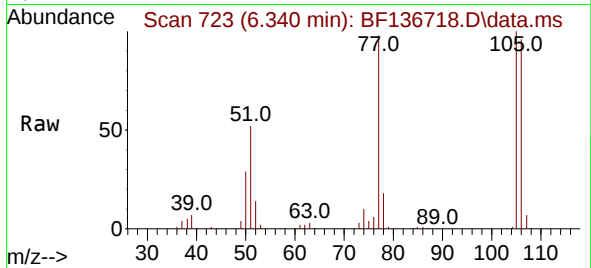
Tgt Ion: 77 Resp: 88313

Ion Ratio Lower Upper

77 100

105 102.2 84.8 124.8

106 98.2 77.8 117.8



#10

Phenol

Concen: 37.866 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

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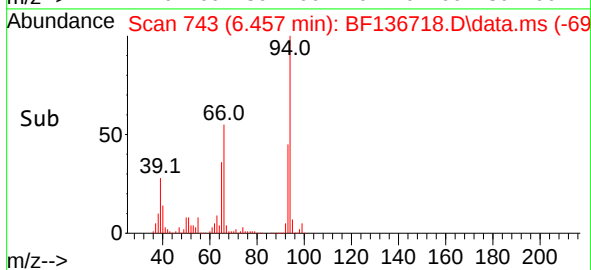
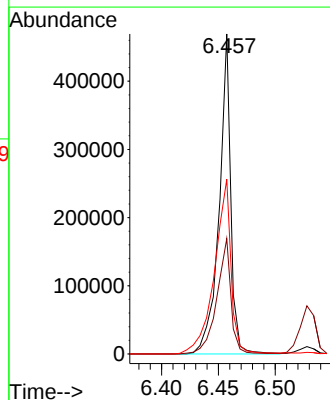
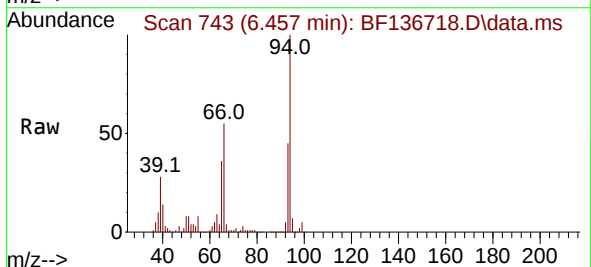
Tgt Ion: 94 Resp: 334698

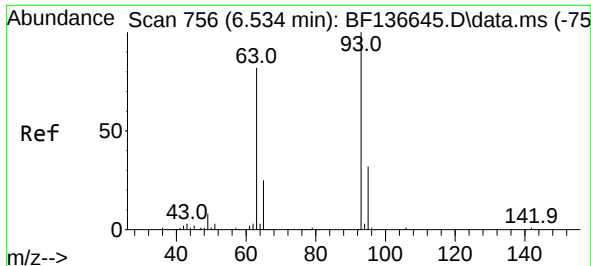
Ion Ratio Lower Upper

94 100

65 36.1 16.6 56.6

66 54.6 32.6 72.6

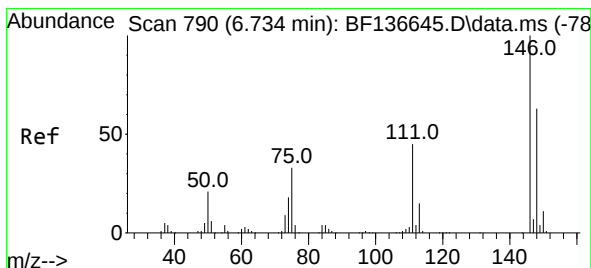
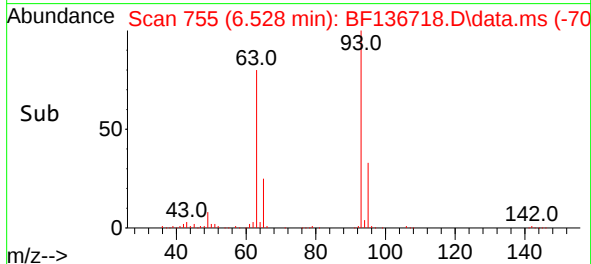
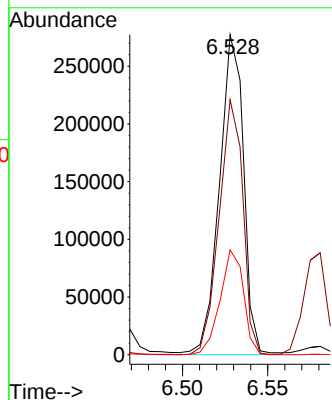
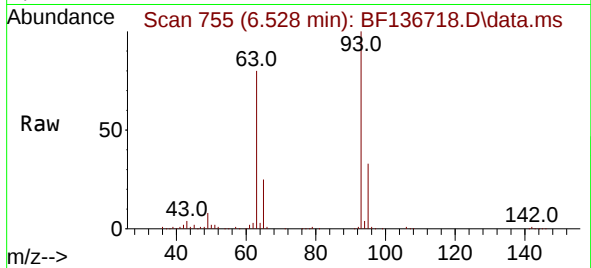




#11
bis(2-Chloroethyl)ether
Concen: 40.632 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

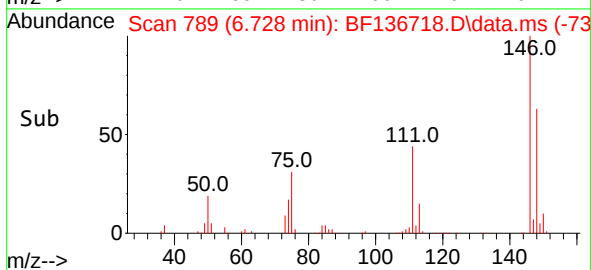
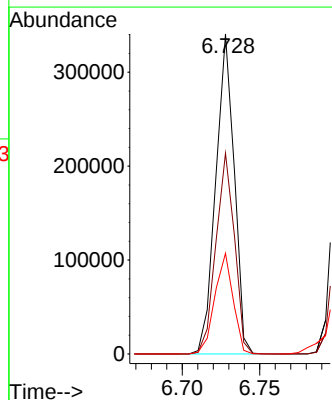
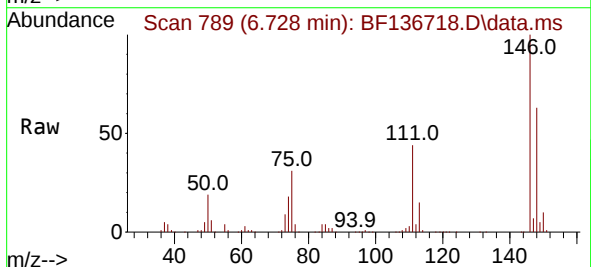
Instrument :
BNA_F
ClientSampleId :
PB157861BS

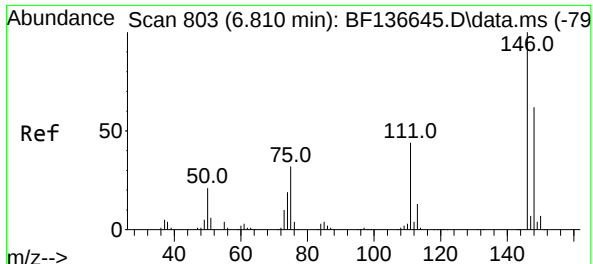
Tgt Ion: 93 Resp: 273121
Ion Ratio Lower Upper
93 100
63 79.6 61.2 101.2
95 32.7 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 36.929 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:146 Resp: 281708
Ion Ratio Lower Upper
146 100
148 62.8 50.5 75.7
75 31.5 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.995 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PB157861BS

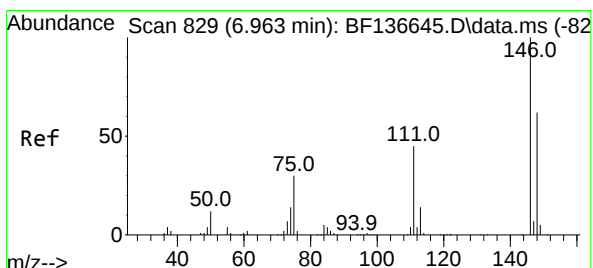
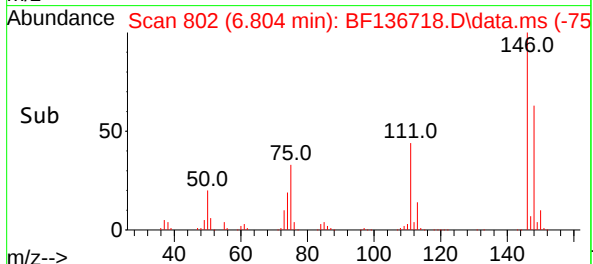
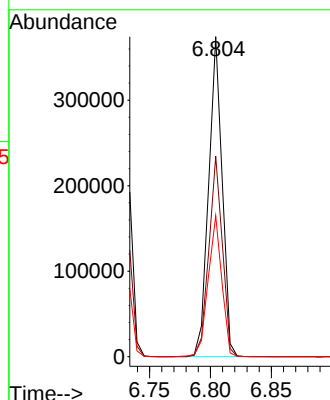
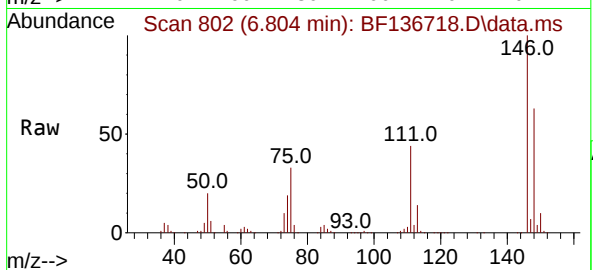
Tgt Ion:146 Resp: 288362

Ion Ratio Lower Upper

146 100

148 62.6 49.2 73.8

111 44.1 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.025 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

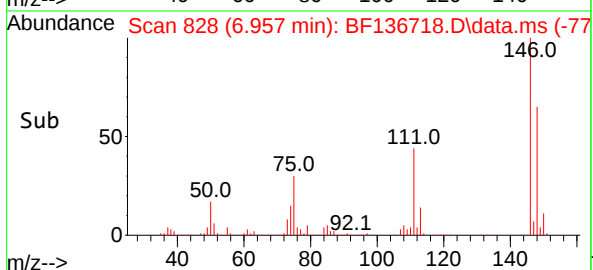
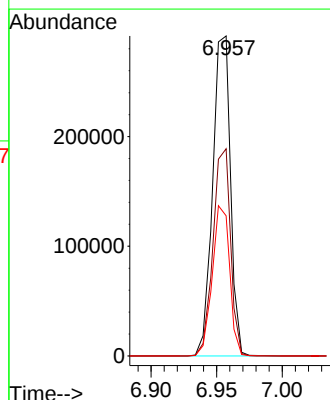
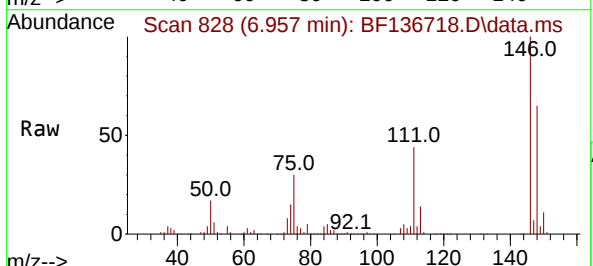
Tgt Ion:146 Resp: 275797

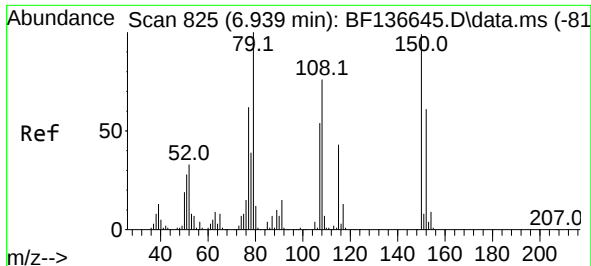
Ion Ratio Lower Upper

146 100

148 64.8 49.6 74.4

111 43.8 36.2 54.2

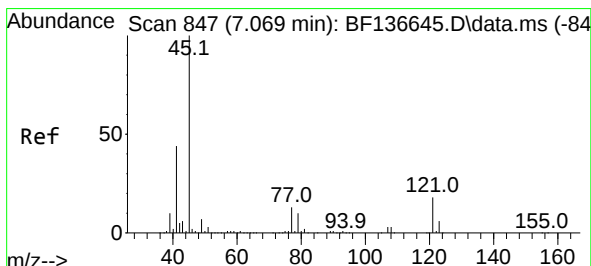
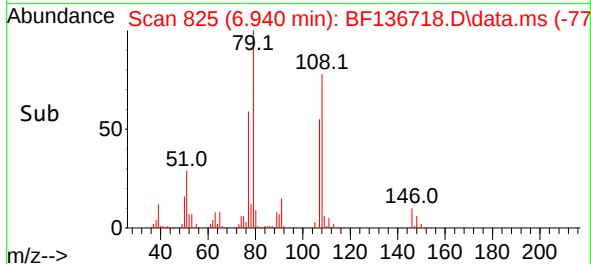
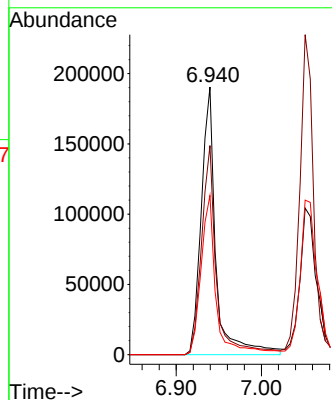
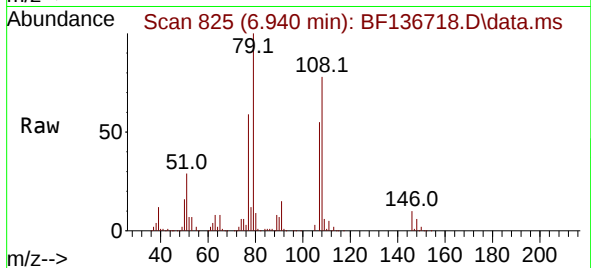




#15
Benzyl Alcohol
Concen: 40.869 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

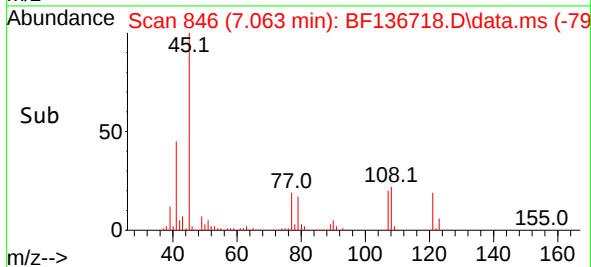
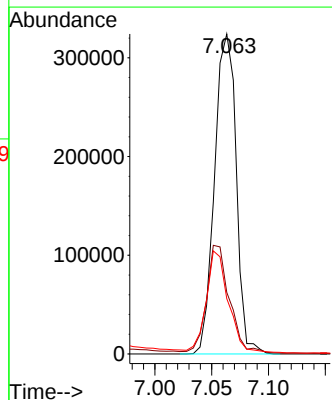
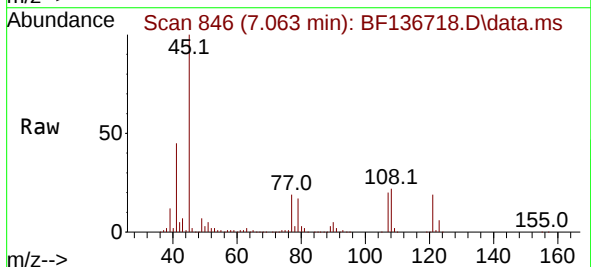
Instrument :
BNA_F
ClientSampleId :
PB157861BS

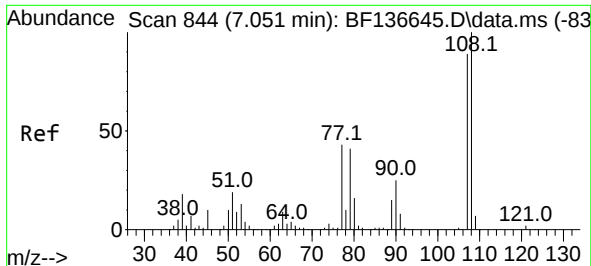
Tgt Ion: 79 Resp: 228292
Ion Ratio Lower Upper
79 100
108 78.2 61.0 91.6
77 59.5 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.076 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion: 45 Resp: 429442
Ion Ratio Lower Upper
45 100
77 19.2 0.0 34.3
79 17.3 0.0 31.4

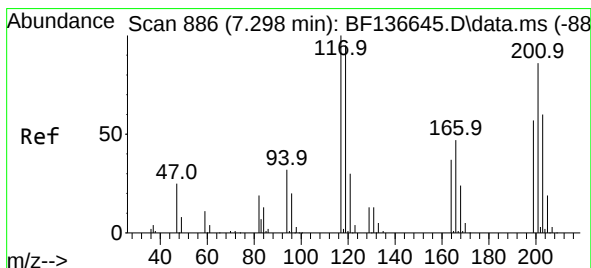
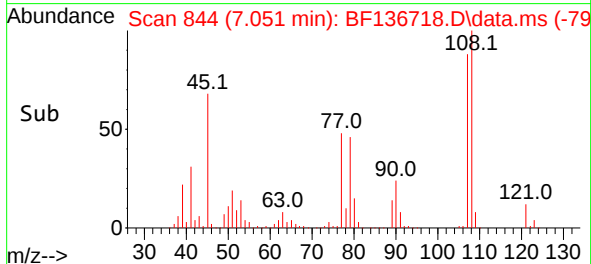
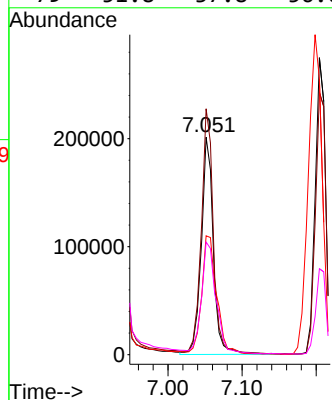
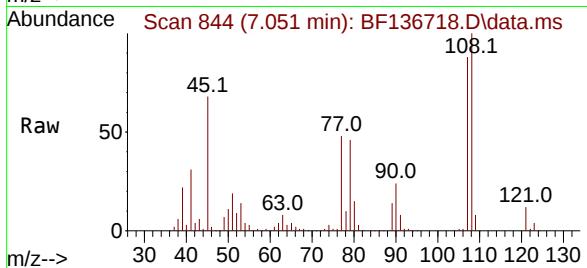




#17
2-Methylphenol
Concen: 39.358 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

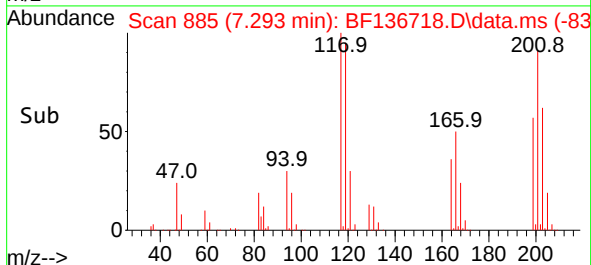
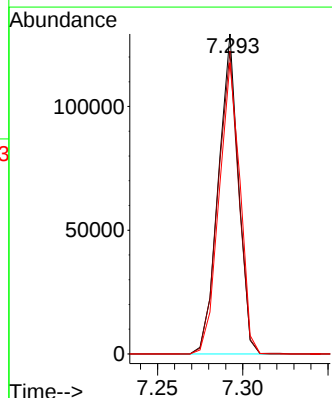
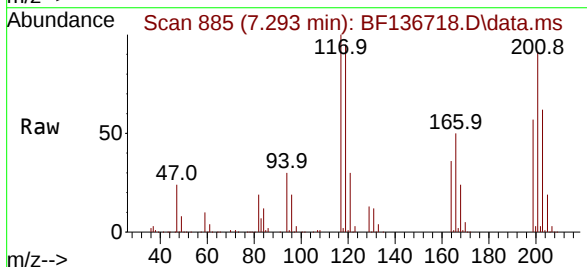
Instrument :
BNA_F
ClientSampleId :
PB157861BS

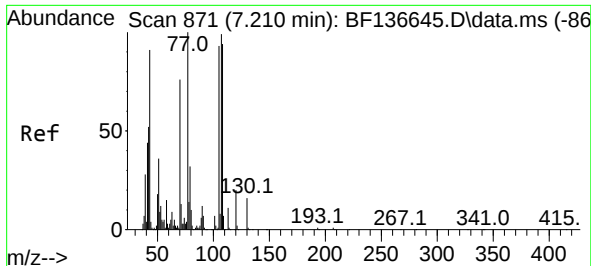
Tgt Ion:	107	Resp:	228005
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.3	135.5
77	54.7	38.7	58.1
79	51.8	37.8	56.6



#18
Hexachloroethane
Concen: 37.453 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:	117	Resp:	106019
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.6
201	91.0	69.1	103.7



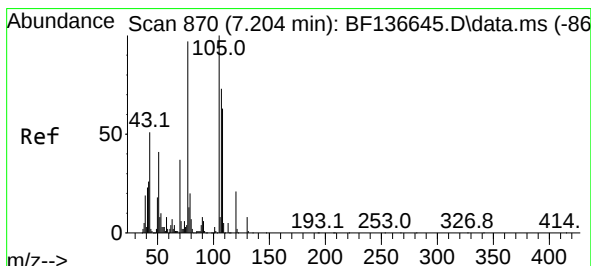
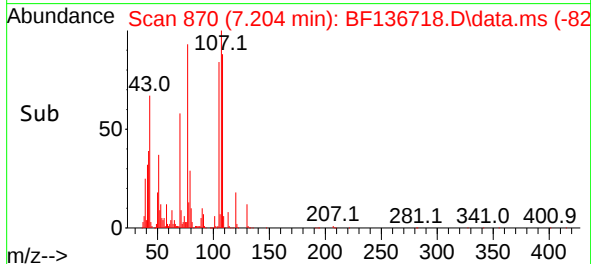
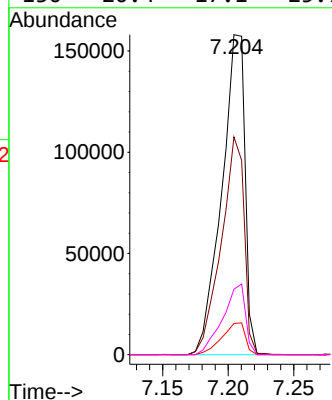
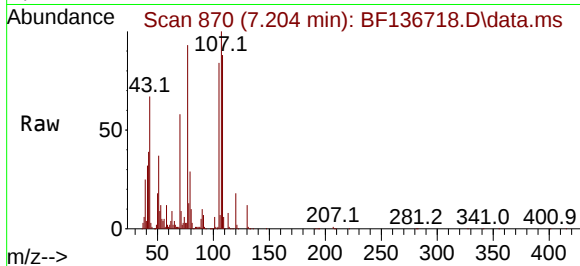


#19
n-Nitroso-di-n-propylamine
Concen: 38.925 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Instrument :
BNA_F
ClientSampleId :
PB157861BS

Tgt Ion: 70 Resp: 195374

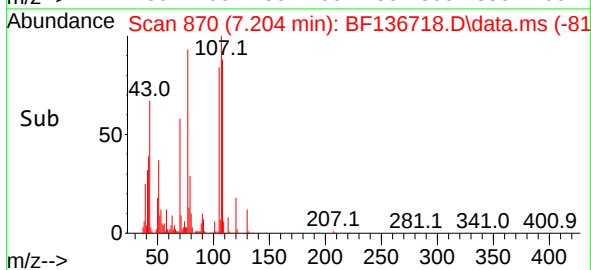
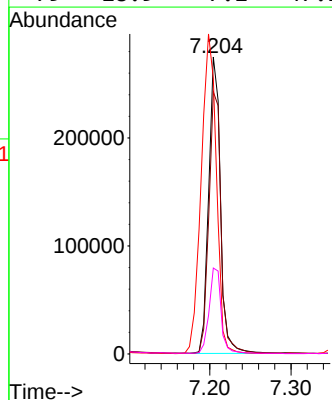
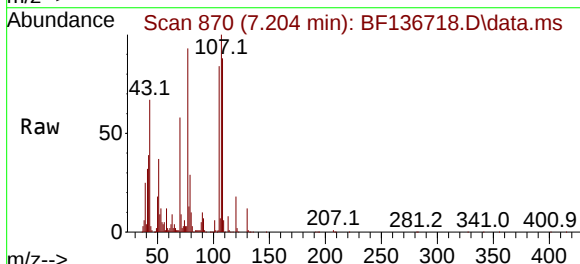
Ion	Ratio	Lower	Upper
70	100		
42	68.0	54.2	81.4
101	9.7	7.6	11.4
130	20.4	17.1	25.7

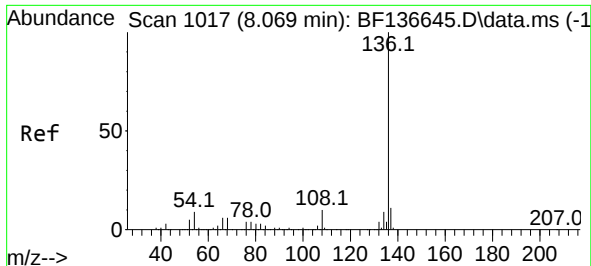


#20
3+4-Methylphenols
Concen: 37.931 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion: 107 Resp: 274522

Ion	Ratio	Lower	Upper
107	100		
108	88.3	66.0	106.0
77	92.8	114.2	154.2#
79	28.9	7.2	47.2





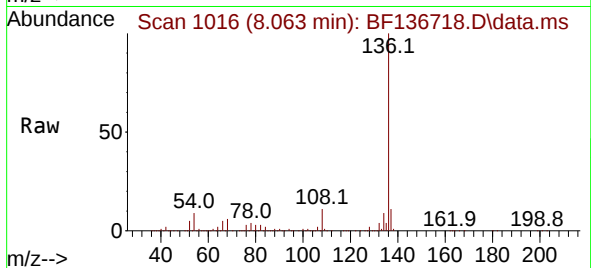
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Instrument :

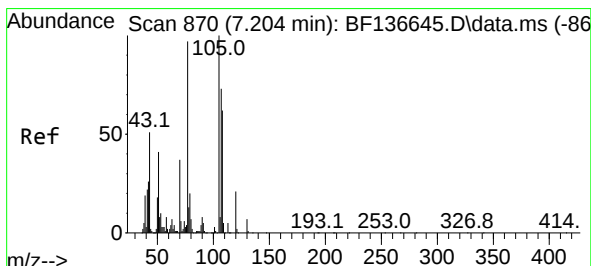
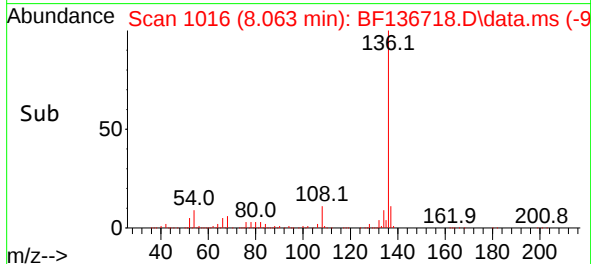
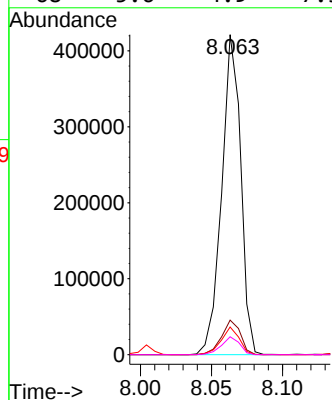
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ClientSampleId :

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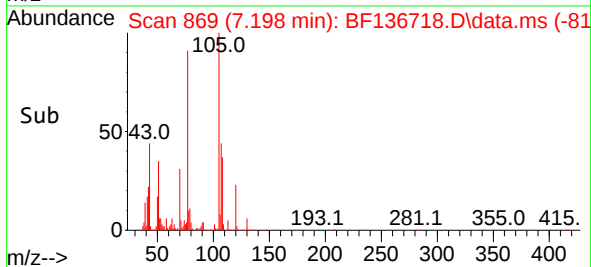
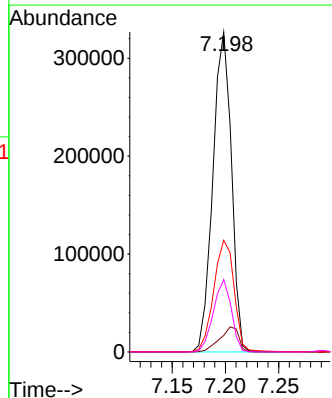
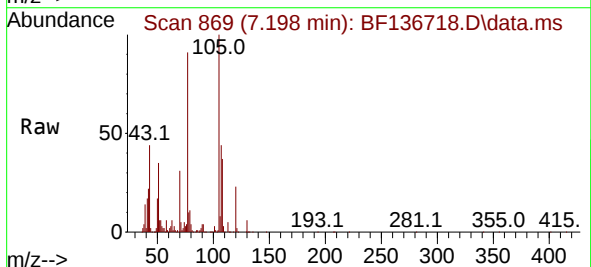


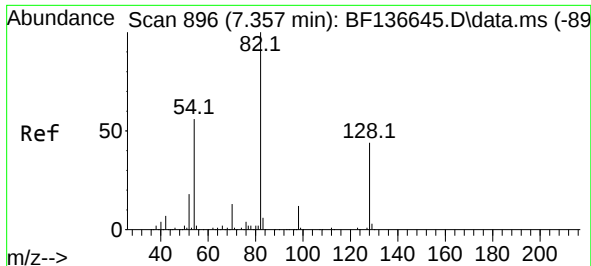
Tgt Ion:136	Resp: 392467
Ion Ratio	Lower Upper
136 100	
137 10.8	9.0 13.4
54 8.7	7.2 10.8
68 5.6	4.9 7.3



#22
Acetophenone
Concen: 40.153 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt	Ion:105	Resp:	394992
Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.8	7.2
51	34.9	32.8	49.2
120	22.6	17.0	25.6





#23

Nitrobenzene-d5

Concen: 74.620 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PB157861BS

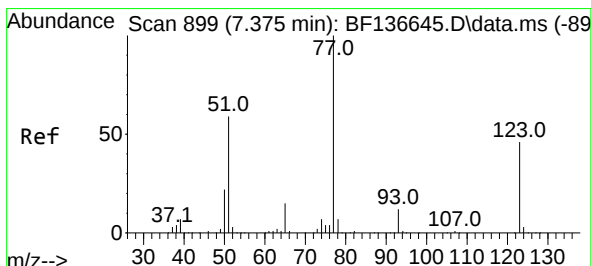
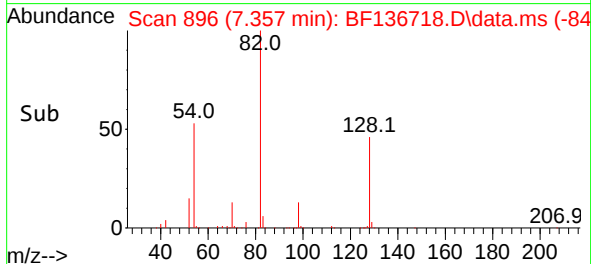
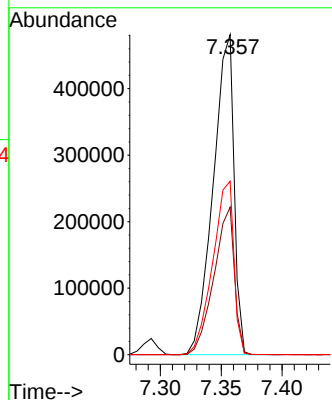
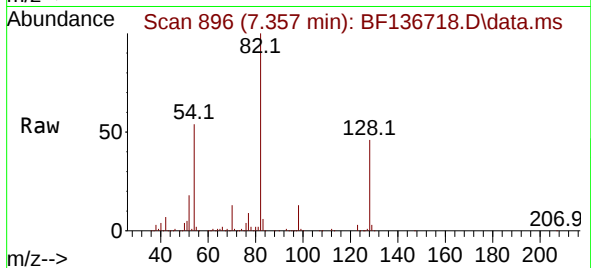
Tgt Ion: 82 Resp: 572317

Ion Ratio Lower Upper

82 100

128 46.1 35.3 52.9

54 54.2 44.5 66.7



#24

Nitrobenzene

Concen: 37.545 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

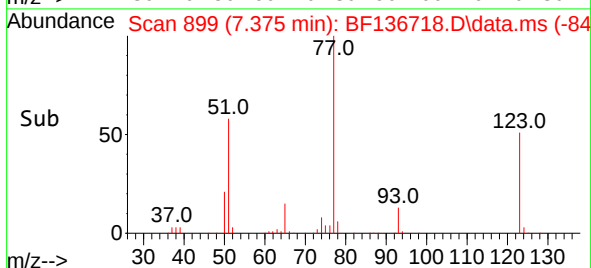
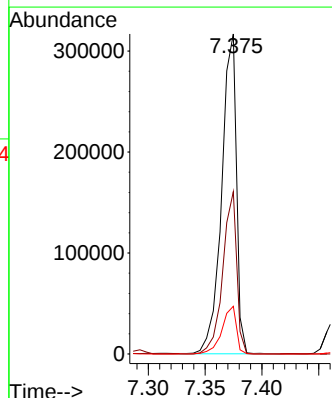
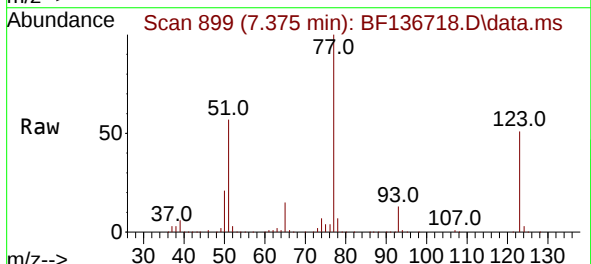
Tgt Ion: 77 Resp: 288460

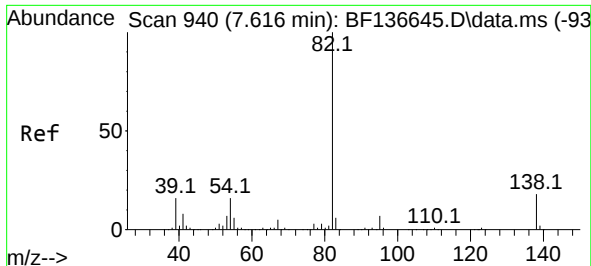
Ion Ratio Lower Upper

77 100

123 50.7 36.7 55.1

65 14.9 11.8 17.6

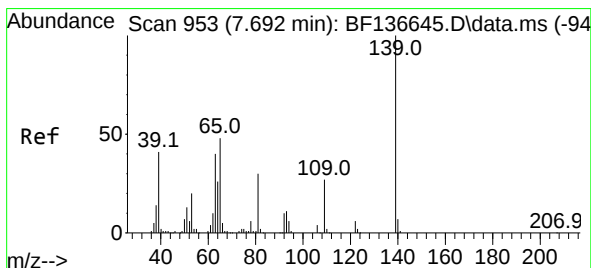
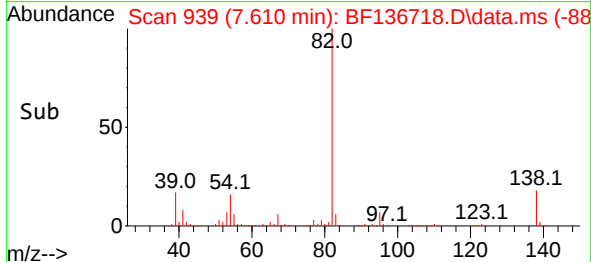
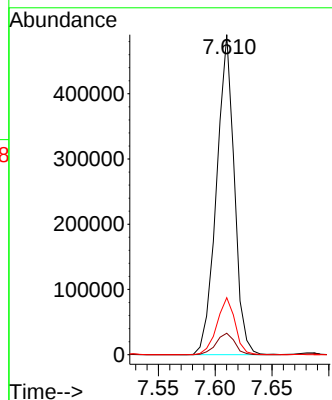
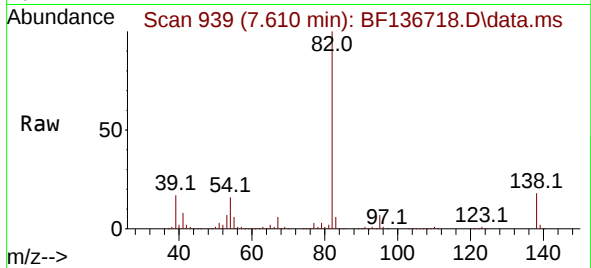




#25
Isophorone
Concen: 38.312 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

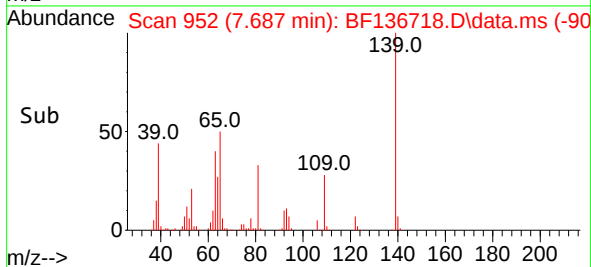
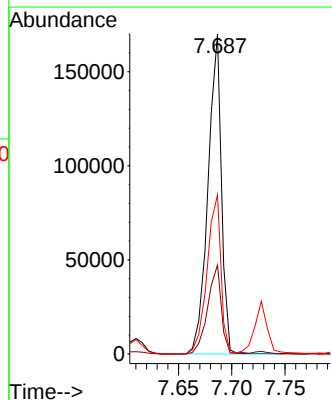
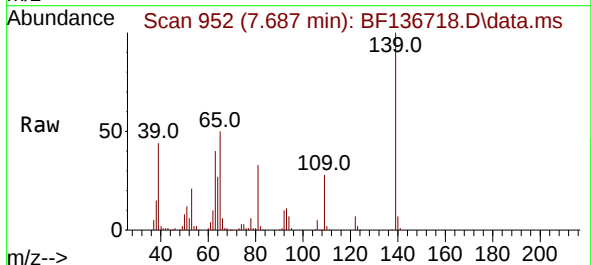
Instrument :
BNA_F
ClientSampleId :
PB157861BS

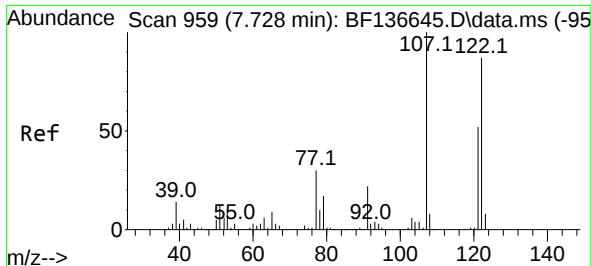
Tgt Ion: 82 Resp: 534682
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.8 14.5 21.7



#26
2-Nitrophenol
Concen: 40.812 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:139 Resp: 150022
Ion Ratio Lower Upper
139 100
109 27.8 21.9 32.9
65 49.7 38.6 58.0

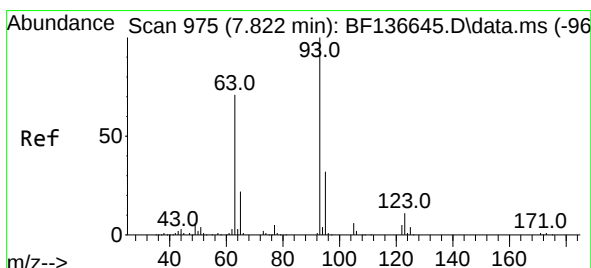
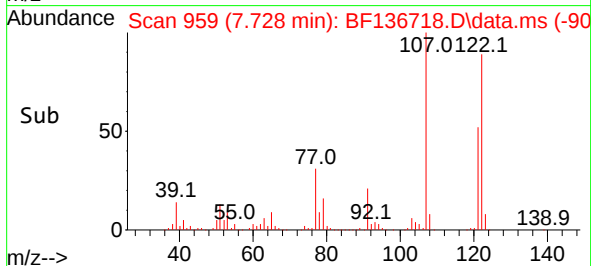
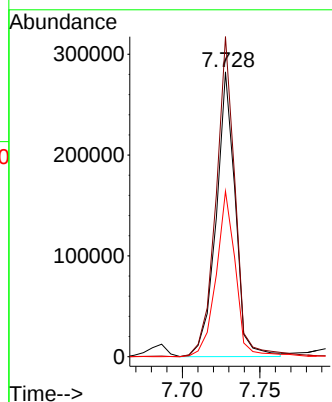
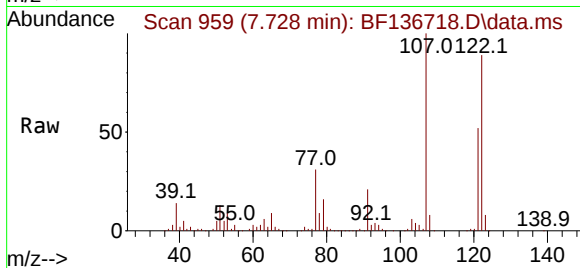




#27
2,4-Dimethylphenol
Concen: 54.156 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

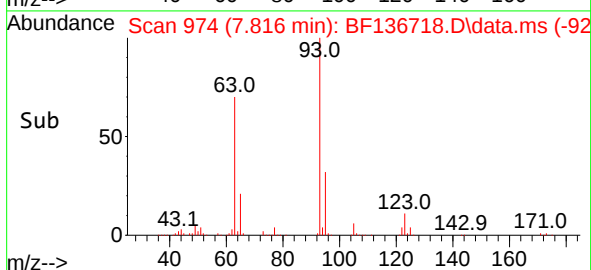
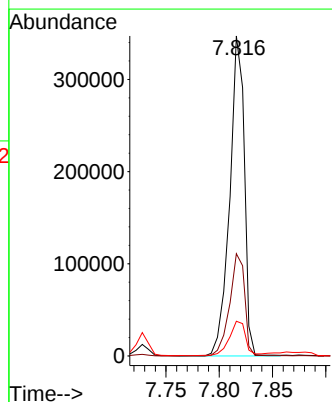
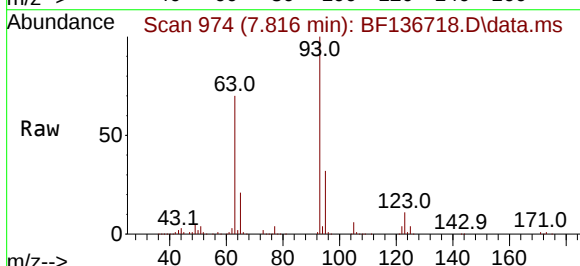
Instrument :
BNA_F
ClientSampleId :
PB157861BS

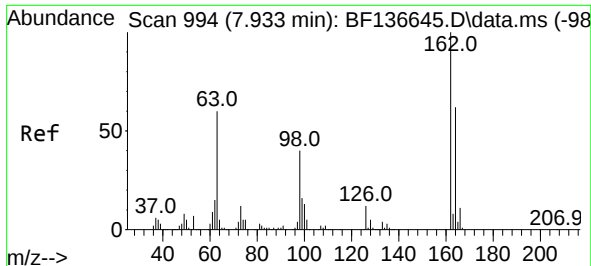
Tgt Ion:122 Resp: 242357
Ion Ratio Lower Upper
122 100
107 112.3 92.0 138.0
121 58.1 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.187 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion: 93 Resp: 332427
Ion Ratio Lower Upper
93 100
95 31.9 25.5 38.3
123 10.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.527 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PB157861BS

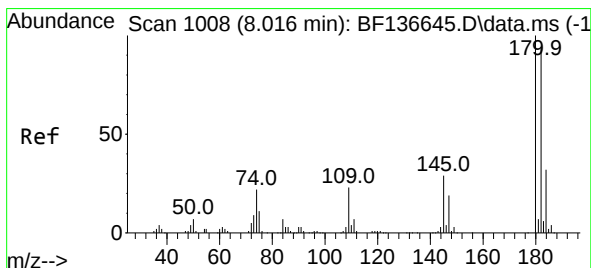
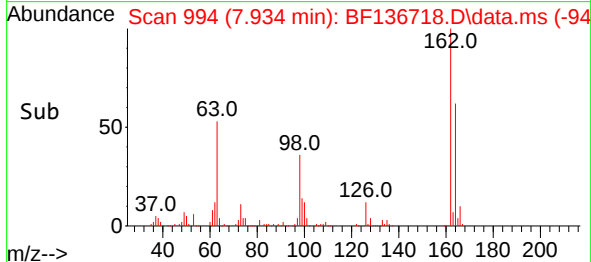
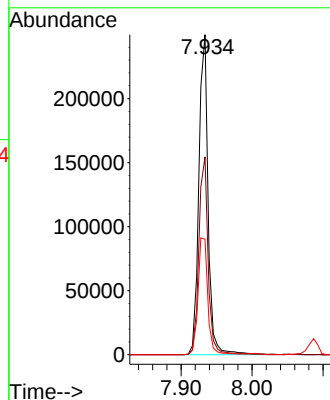
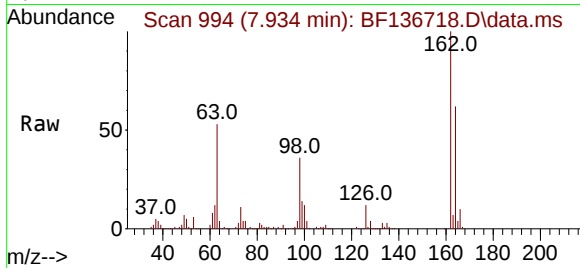
Tgt Ion:162 Resp: 227731

Ion Ratio Lower Upper

162 100

164 61.8 41.7 81.7

98 36.1 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 37.695 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

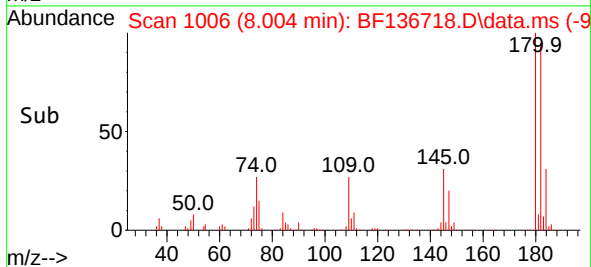
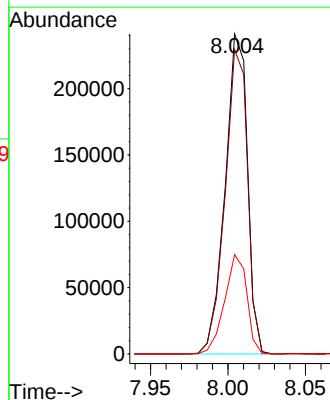
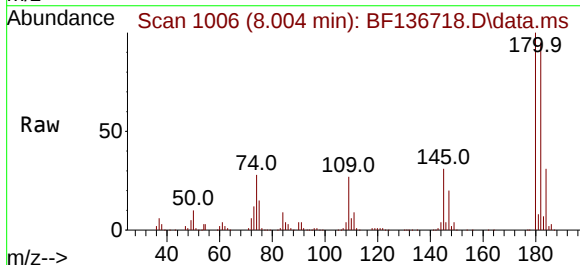
Tgt Ion:180 Resp: 241975

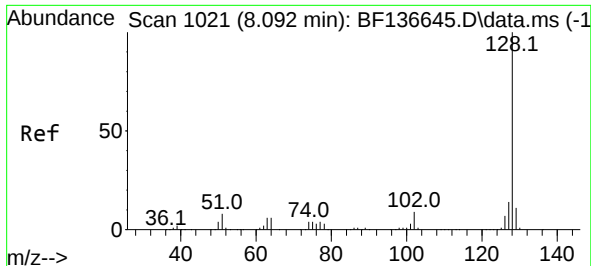
Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.0

145 31.1 23.1 34.7

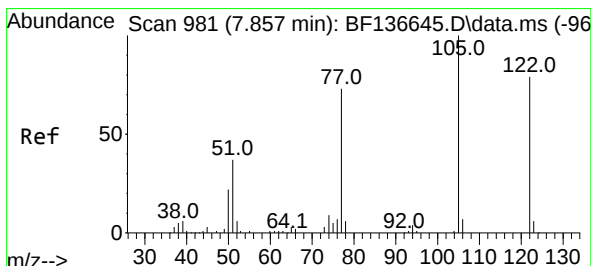
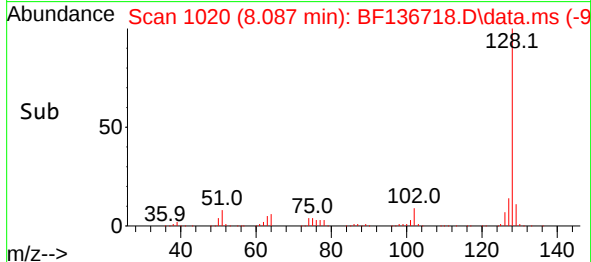
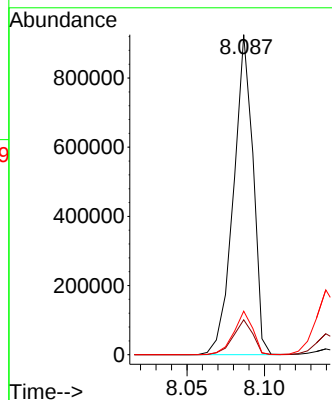
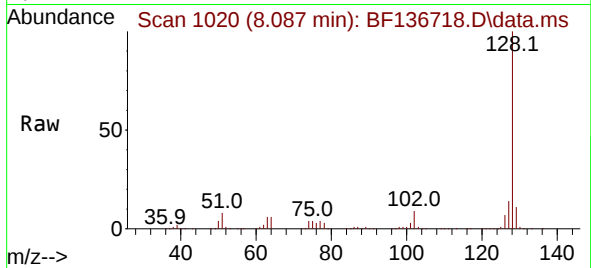




#31
Naphthalene
Concen: 37.527 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

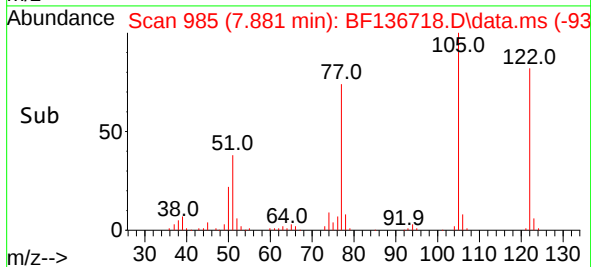
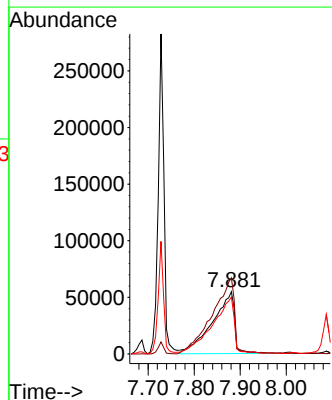
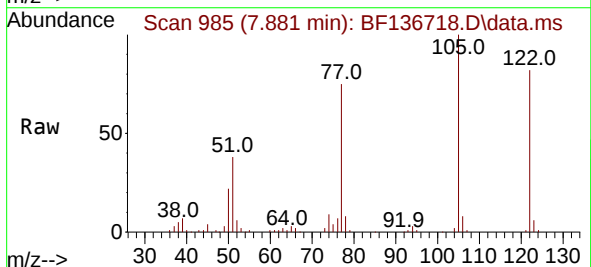
Instrument :
BNA_F
ClientSampleId :
PB157861BS

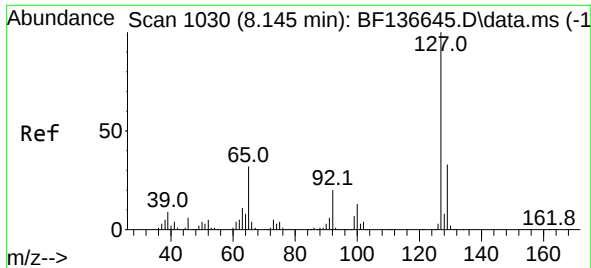
Tgt Ion:128 Resp: 809120
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 42.075 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:122 Resp: 182188
Ion Ratio Lower Upper
122 100
105 122.3 100.8 140.8
77 91.6 70.9 110.9

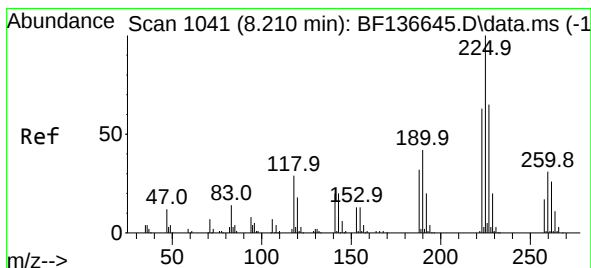
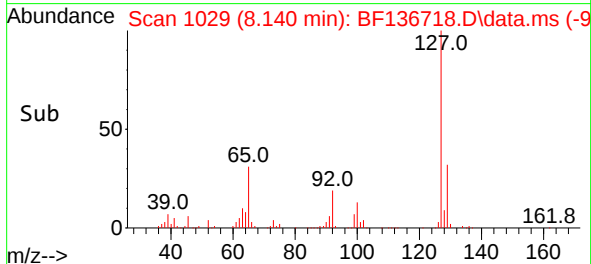
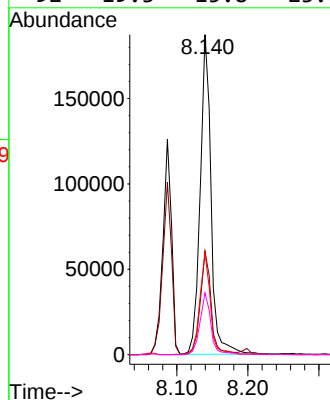
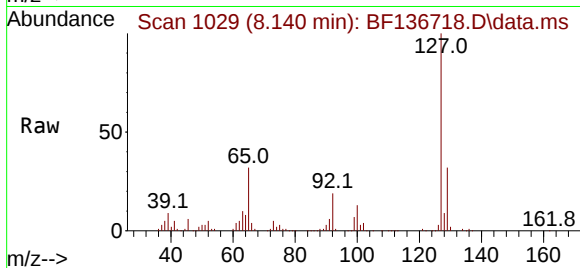




#33
4-Chloroaniline
Concen: 25.175 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

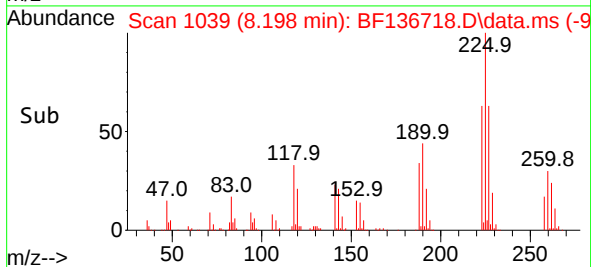
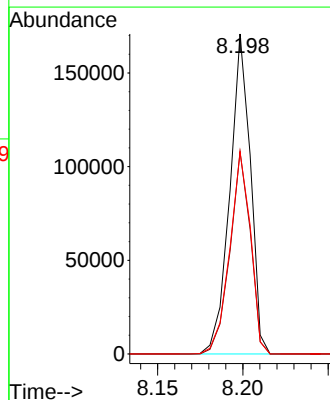
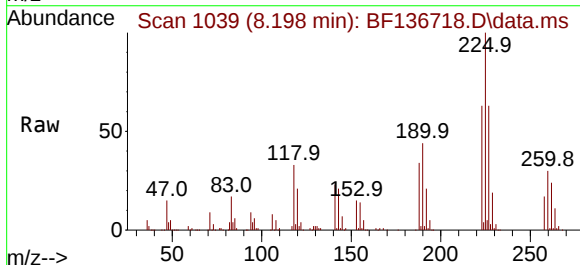
Instrument :
BNA_F
ClientSampleId :
PB157861BS

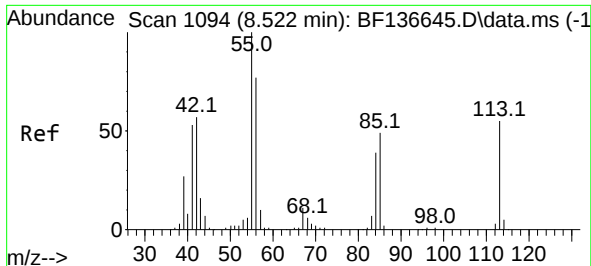
Tgt Ion:	127	Resp:	200408
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	31.7	25.8	38.8
92	19.3	15.8	23.6



#34
Hexachlorobutadiene
Concen: 36.615 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:	225	Resp:	142803
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.2	51.9	77.9

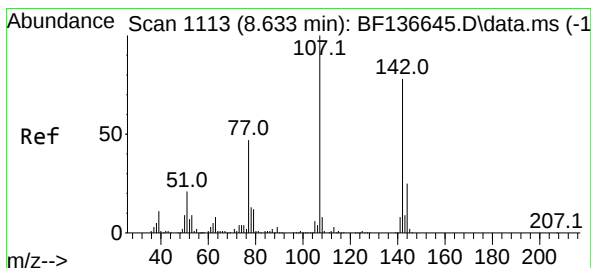
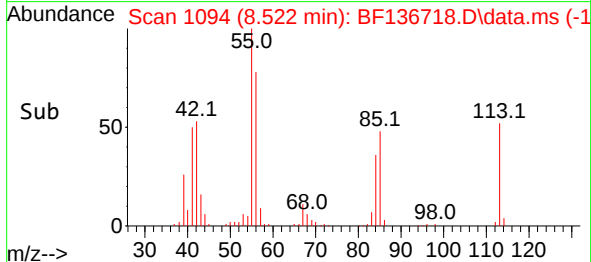
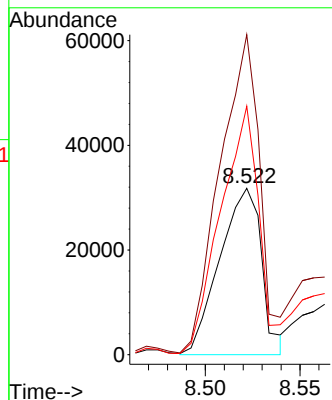
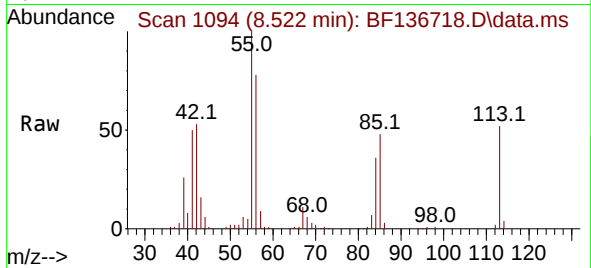




#35
 Caprolactam
 Concen: 25.714 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF136718.D
 Acq: 26 Dec 2023 14:26

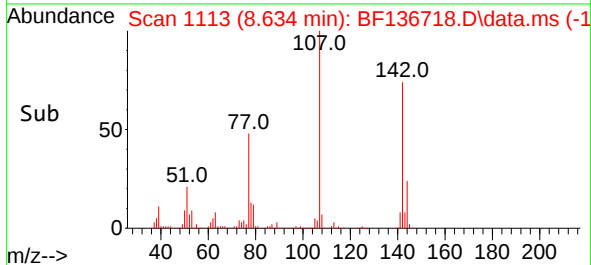
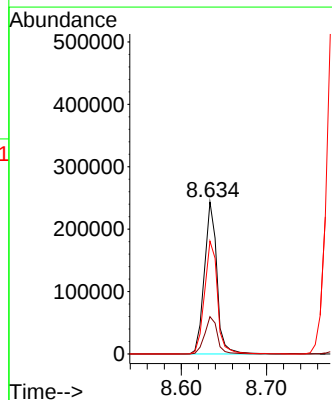
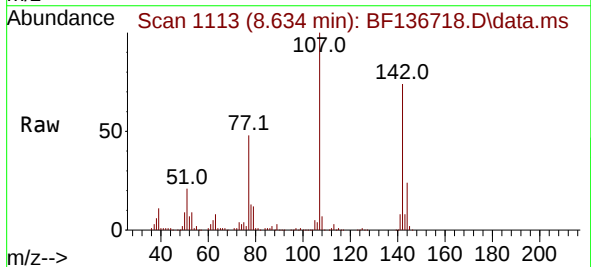
Instrument :
 BNA_F
 ClientSampleId :
 PB157861BS

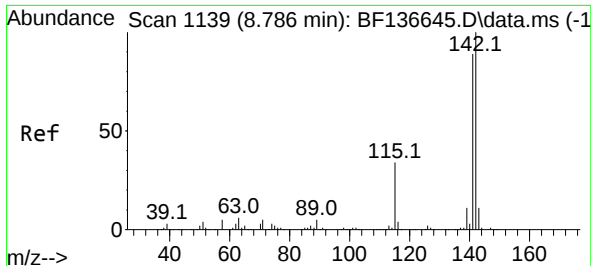
Tgt Ion:113 Resp: 48873
 Ion Ratio Lower Upper
 113 100
 55 192.3 163.1 203.1
 56 149.4 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.335 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136718.D
 Acq: 26 Dec 2023 14:26

Tgt Ion:107 Resp: 248642
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.2 30.2
 142 74.3 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.651 ng

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

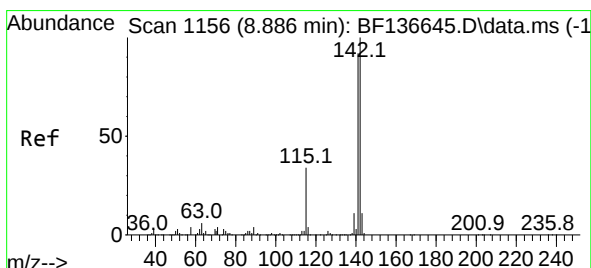
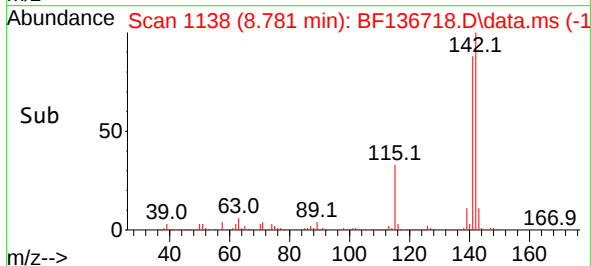
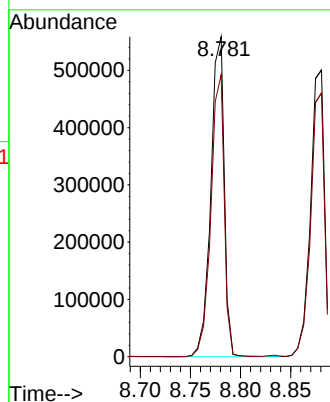
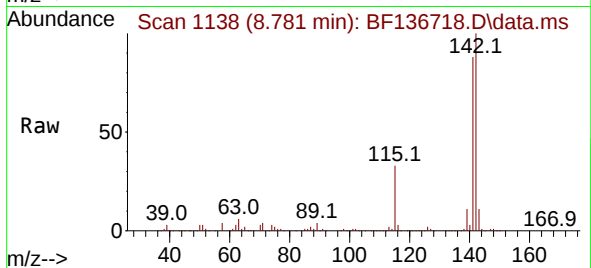
PB157861BS

Tgt Ion:142 Resp: 522444

Ion Ratio Lower Upper

142 100

141 88.1 71.1 106.7



#38

1-Methylnaphthalene

Concen: 35.365 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF136718.D

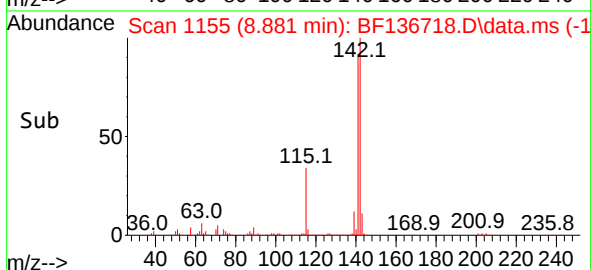
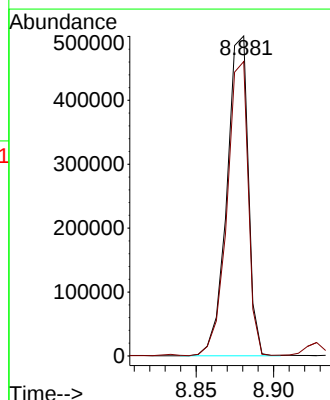
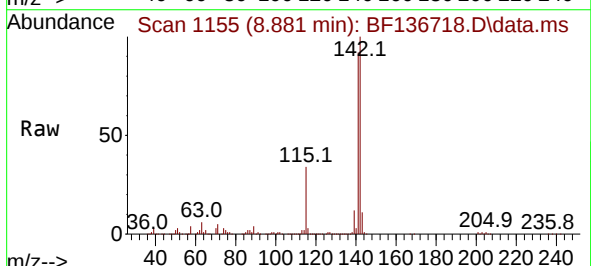
Acq: 26 Dec 2023 14:26

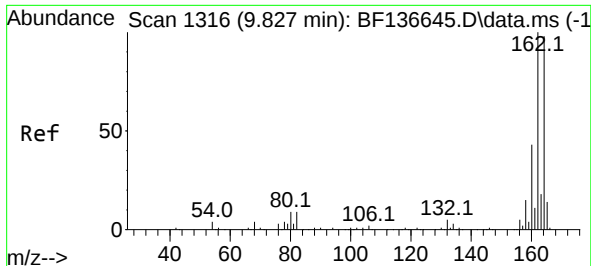
Tgt Ion:142 Resp: 481442

Ion Ratio Lower Upper

142 100

141 92.0 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PB157861BS

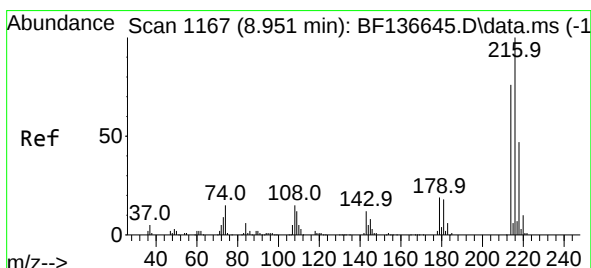
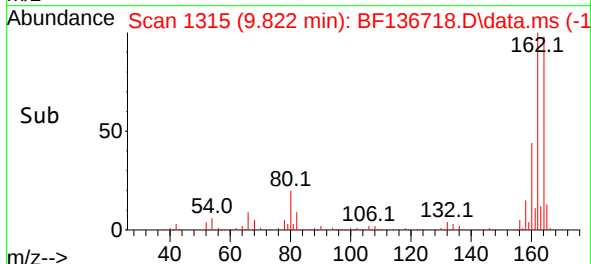
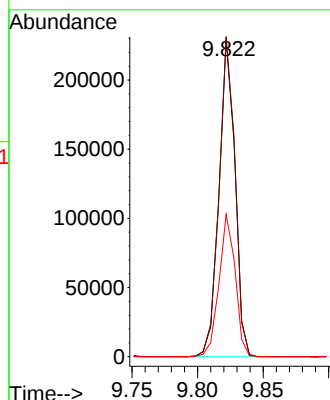
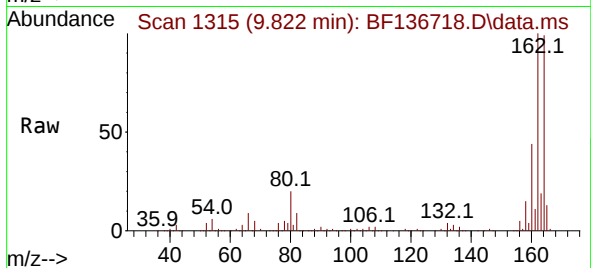
Tgt Ion:164 Resp: 193409

Ion Ratio Lower Upper

164 100

162 100.9 81.6 122.4

160 44.8 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.653 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Tgt Ion:216 Resp: 243503

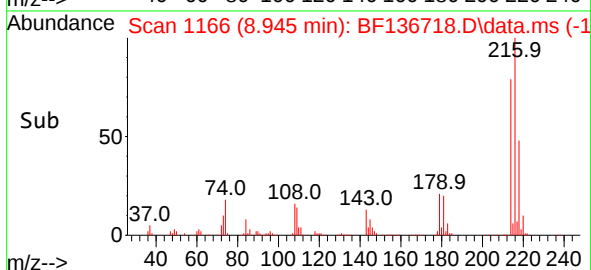
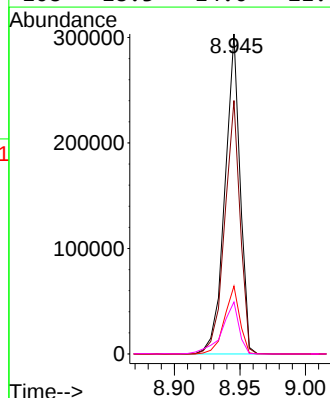
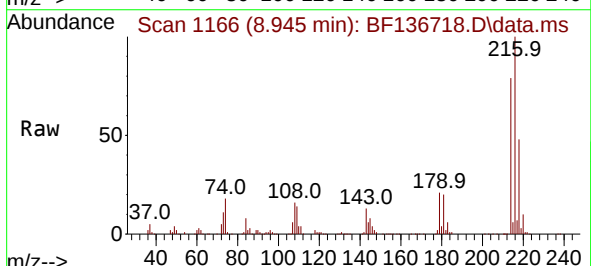
Ion Ratio Lower Upper

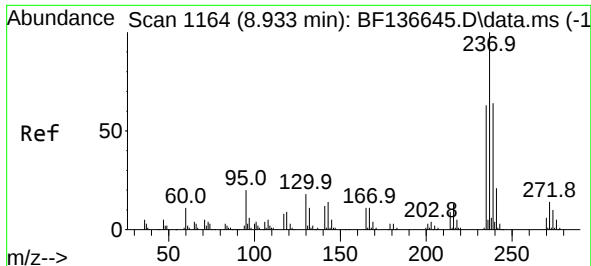
216 100

214 80.0 62.3 93.5

179 21.2 16.4 24.6

108 18.3 14.0 21.0

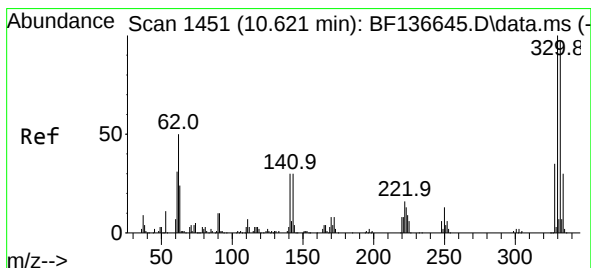
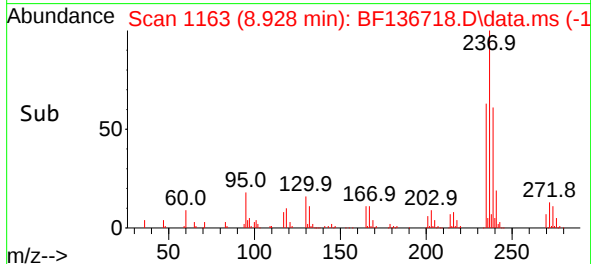
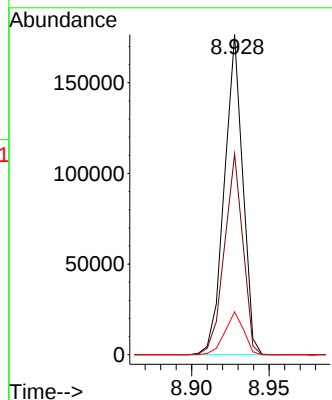
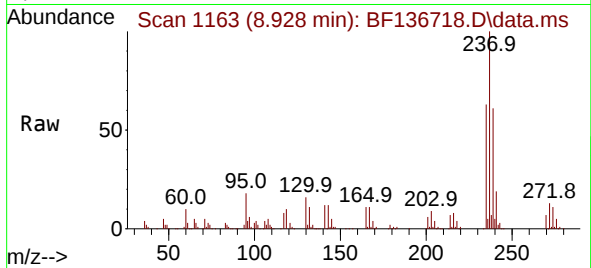




#41
Hexachlorocyclopentadiene
Concen: 76.574 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

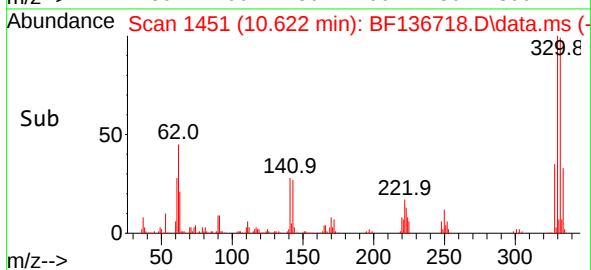
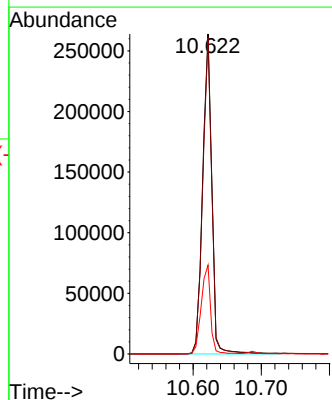
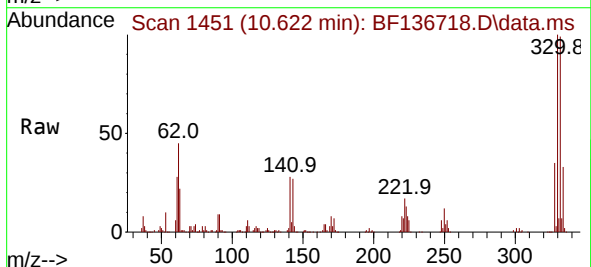
Instrument :
BNA_F
ClientSampleId :
PB157861BS

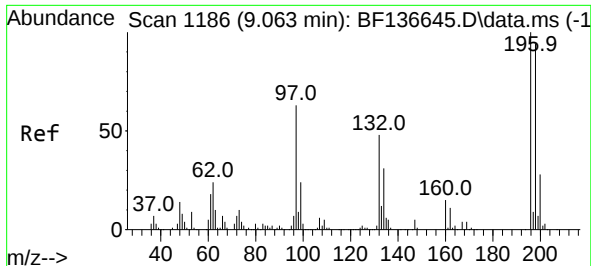
Tgt Ion:237 Resp: 145815
Ion Ratio Lower Upper
237 100
235 62.8 43.2 83.2
272 13.4 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 108.232 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:330 Resp: 246533
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 28.3 23.4 35.2

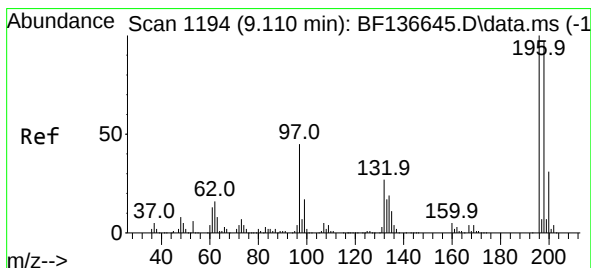
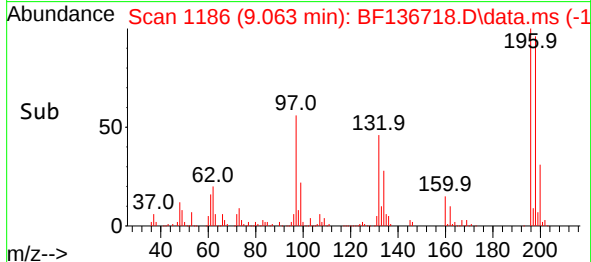
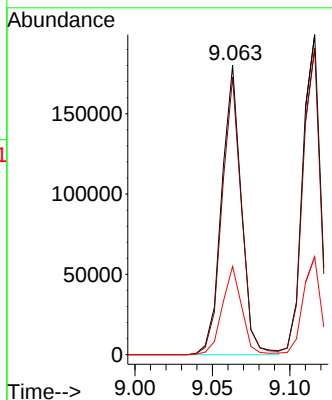
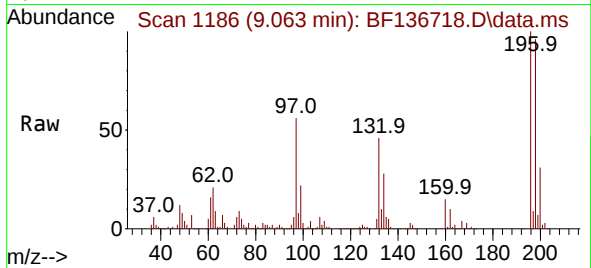




#43
2,4,6-Trichlorophenol
Concen: 41.499 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

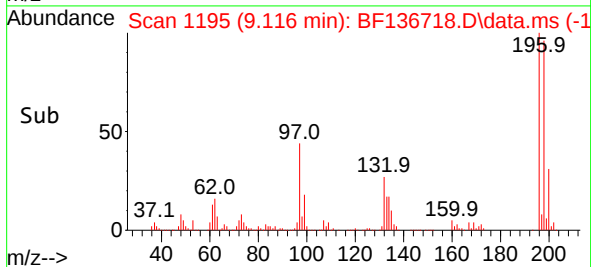
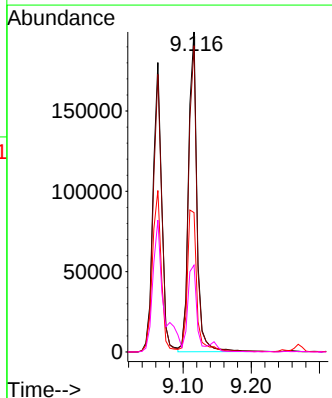
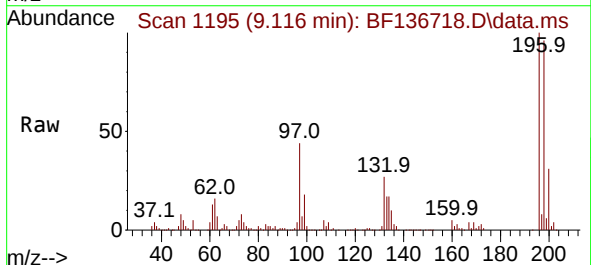
Instrument :
BNA_F
ClientSampleId :
PB157861BS

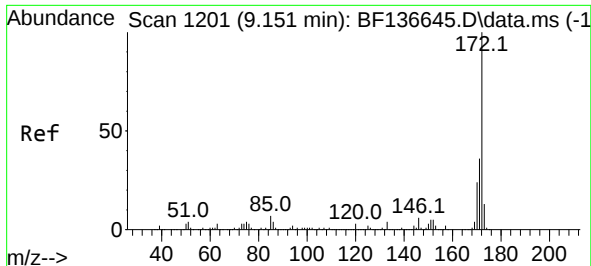
Tgt Ion:196 Resp: 159412
Ion Ratio Lower Upper
196 100
198 95.9 75.1 112.7
200 30.5 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 39.451 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:196 Resp: 168878
Ion Ratio Lower Upper
196 100
198 95.7 77.0 115.6
97 43.6 36.1 54.1
132 27.1 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 75.528 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PB157861BS

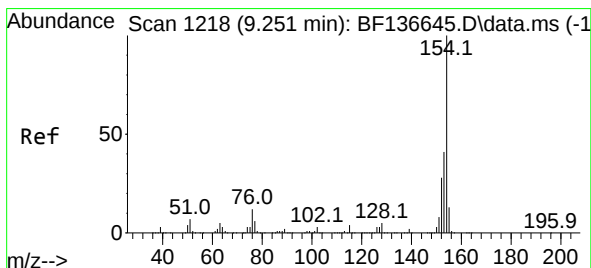
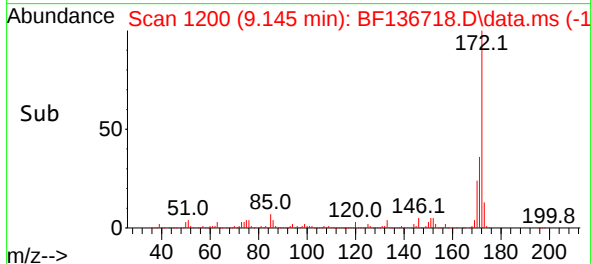
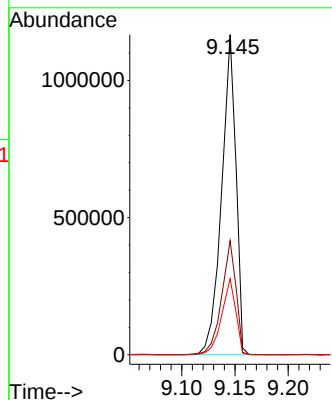
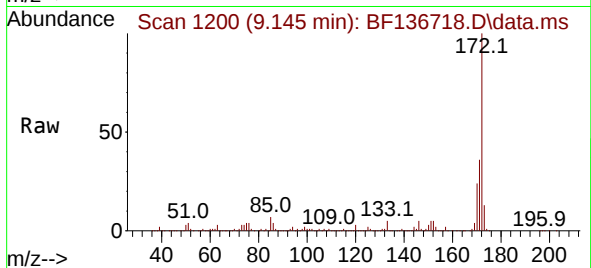
Tgt Ion:172 Resp: 1086097

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.260 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

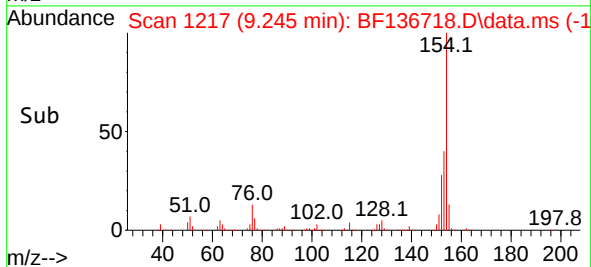
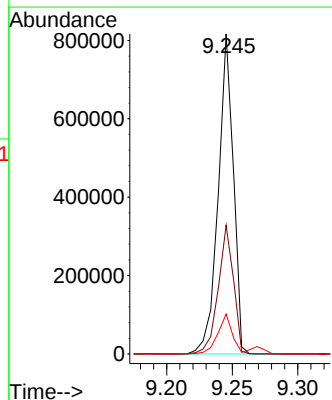
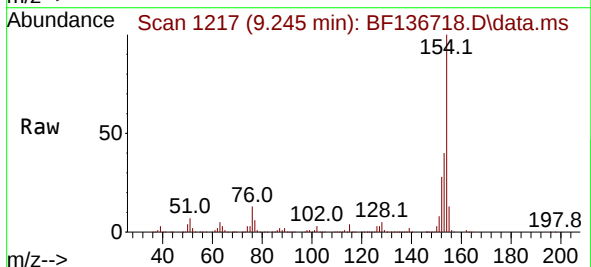
Tgt Ion:154 Resp: 653417

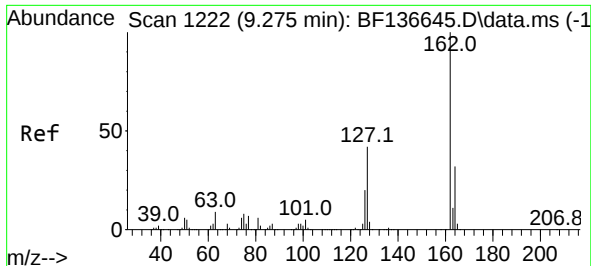
Ion Ratio Lower Upper

154 100

153 40.2 21.1 61.1

76 12.5 0.0 31.7

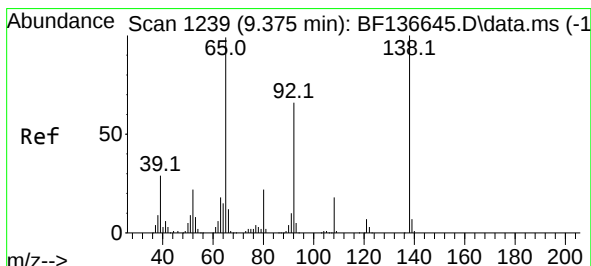
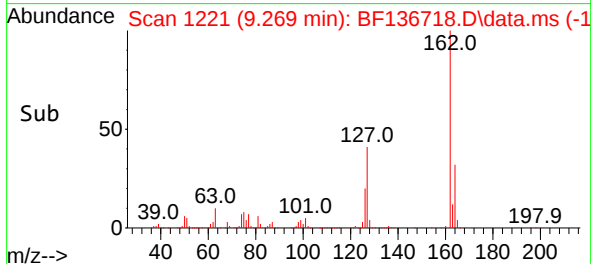
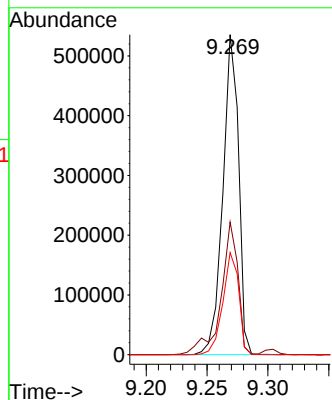
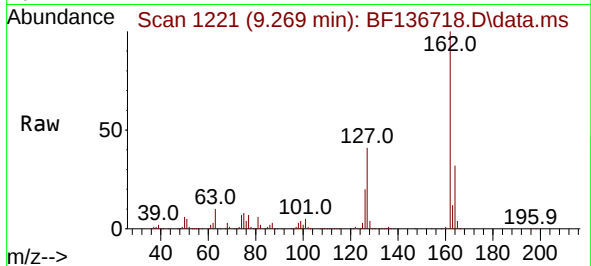




#47
2-Chloronaphthalene
Concen: 39.111 ng
RT: 9.269 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

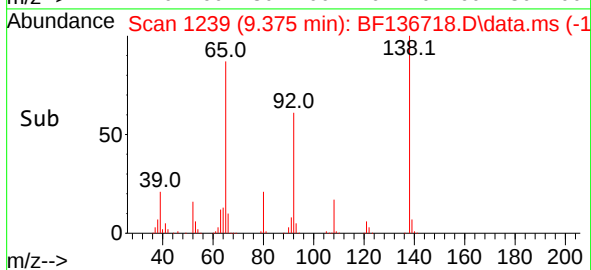
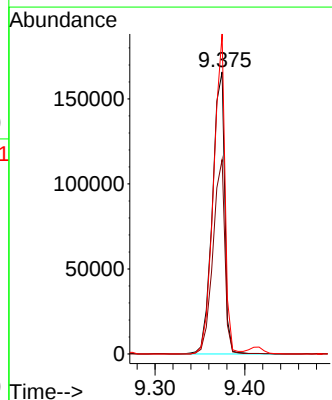
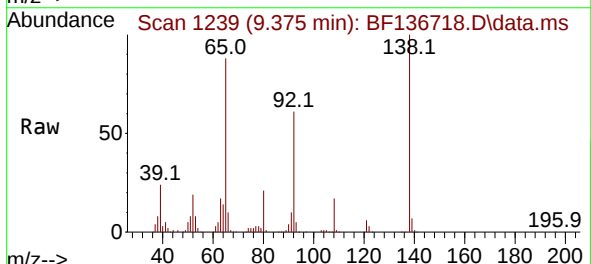
Instrument :
BNA_F
ClientSampleId :
PB157861BS

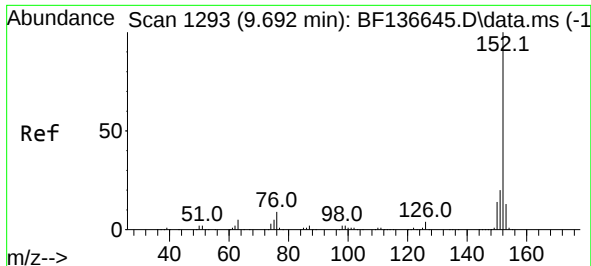
Tgt Ion:162 Resp: 482568
Ion Ratio Lower Upper
162 100
127 41.4 33.6 50.4
164 31.9 25.7 38.5



#48
2-Nitroaniline
Concen: 40.800 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion: 65 Resp: 157638
Ion Ratio Lower Upper
65 100
92 68.9 53.2 79.8
138 113.5 81.1 121.7





#49

Acenaphthylene

Concen: 39.769 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PB157861BS

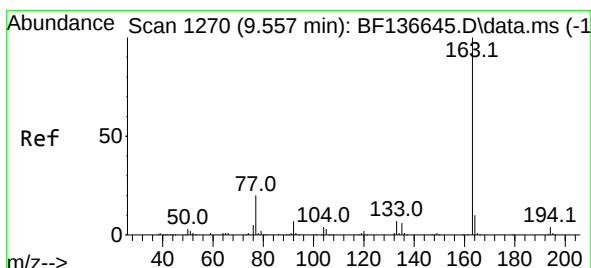
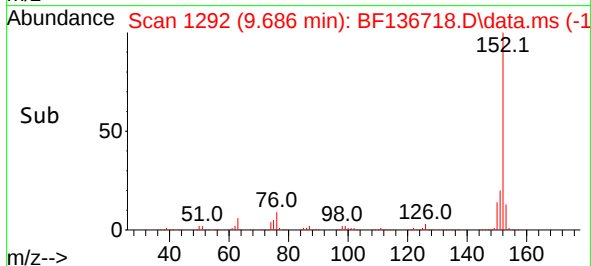
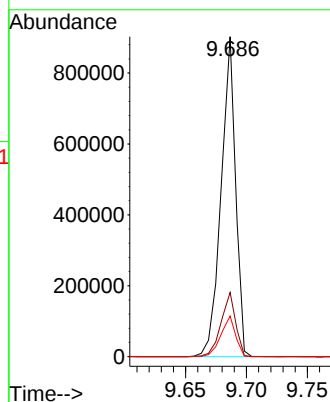
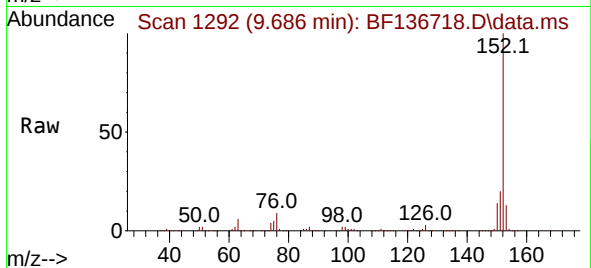
Tgt Ion:152 Resp: 750003

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 12.7 10.2 15.2



#50

Dimethylphthalate

Concen: 39.749 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

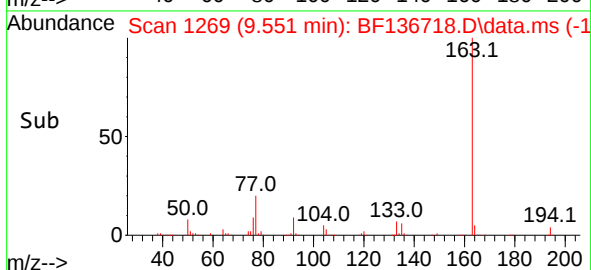
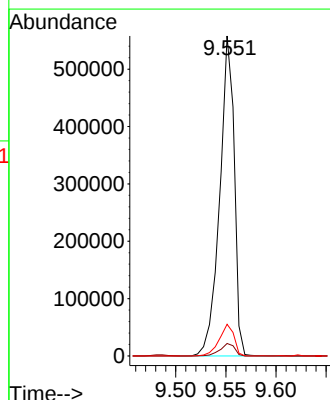
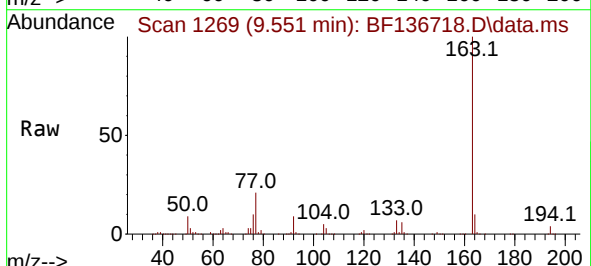
Tgt Ion:163 Resp: 561543

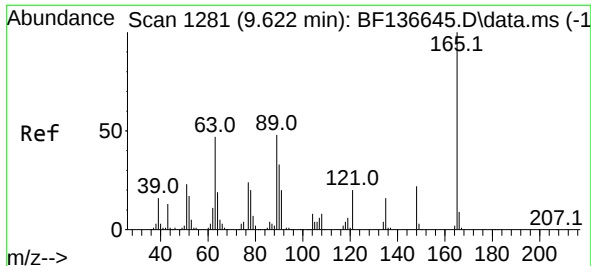
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 9.9 7.8 11.6

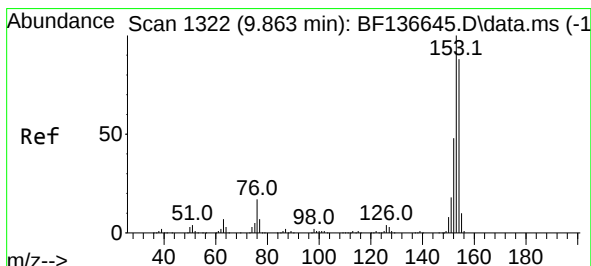
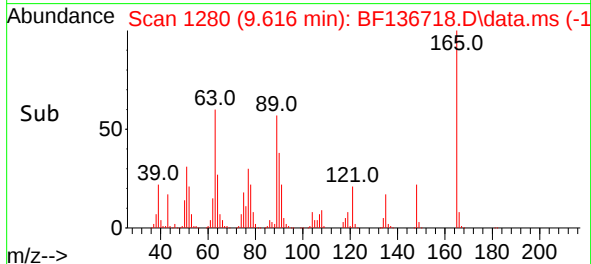
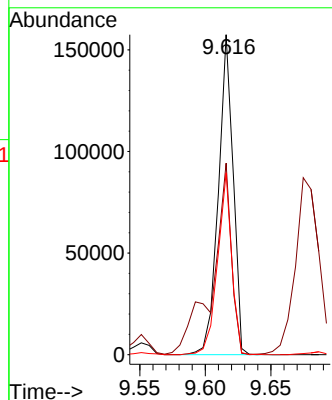
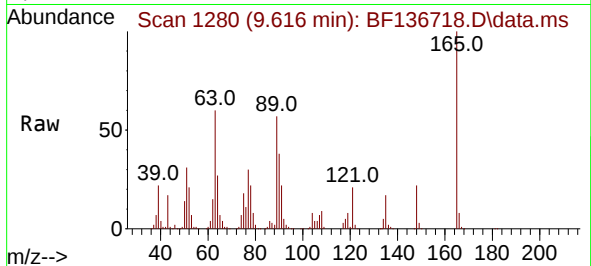




#51
2,6-Dinitrotoluene
Concen: 38.460 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

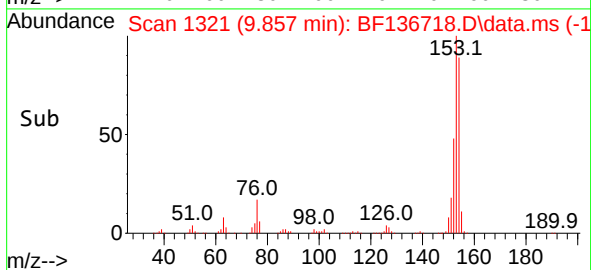
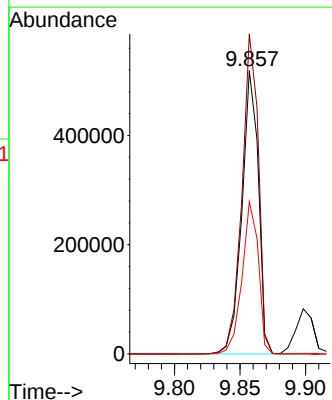
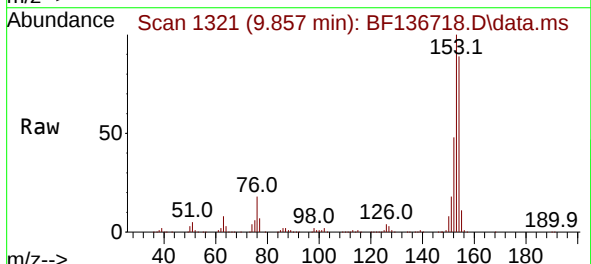
Instrument :
BNA_F
ClientSampleId :
PB157861BS

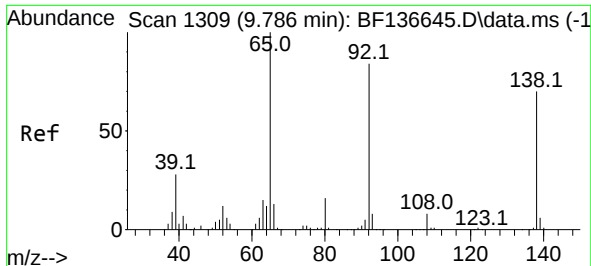
Tgt Ion:165 Resp: 123308
Ion Ratio Lower Upper
165 100
63 59.8 39.8 59.6#
89 56.9 38.8 58.2



#52
Acenaphthene
Concen: 38.830 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:154 Resp: 453933
Ion Ratio Lower Upper
154 100
153 112.9 90.7 136.1
152 53.7 43.7 65.5

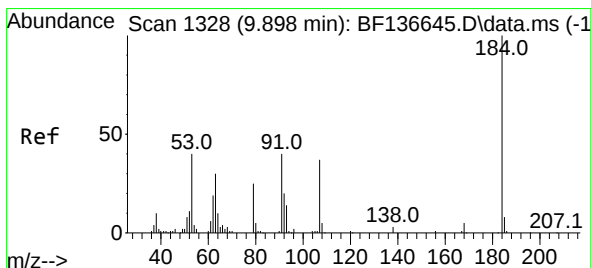
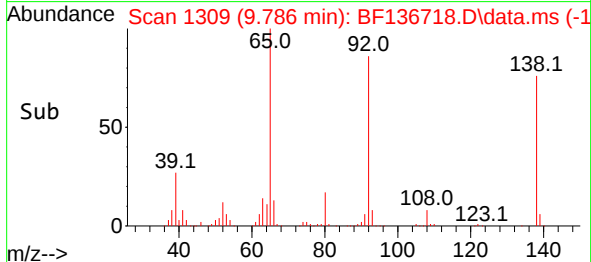
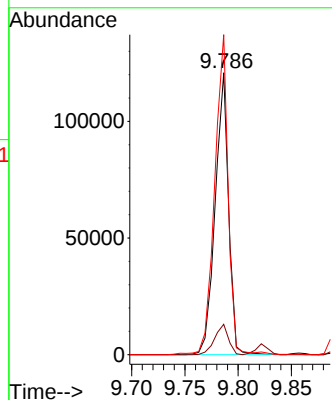
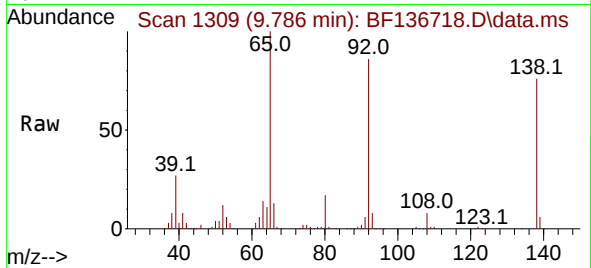




#53
3-Nitroaniline
Concen: 31.088 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

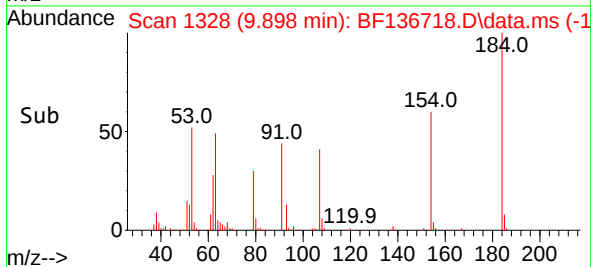
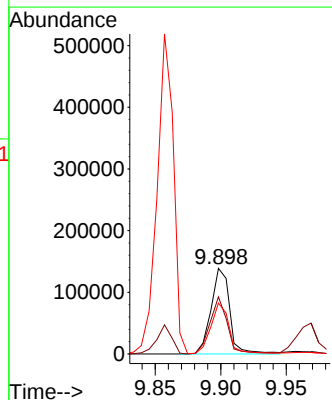
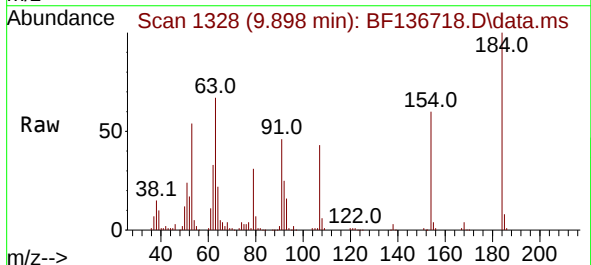
Instrument :
BNA_F
ClientSampleId :
PB157861BS

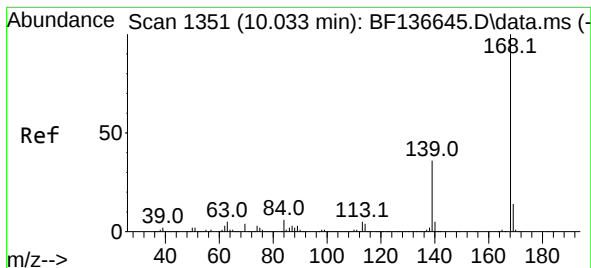
Tgt Ion:138 Resp: 105585
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 113.5 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 77.774 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:184 Resp: 138005
Ion Ratio Lower Upper
184 100
63 66.7 40.9 61.3#
154 59.5 42.7 64.1





#55

Dibenzenofuran

Concen: 38.419 ng

RT: 10.034 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PB157861BS

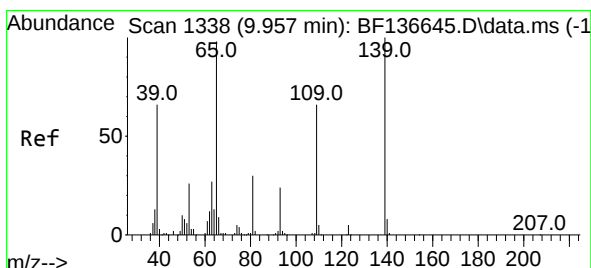
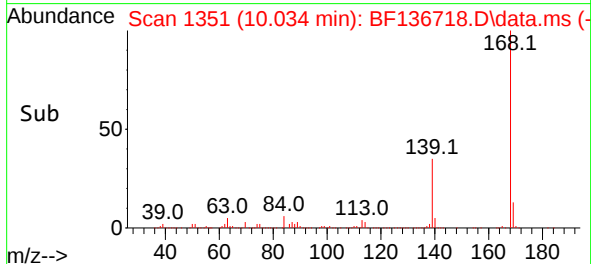
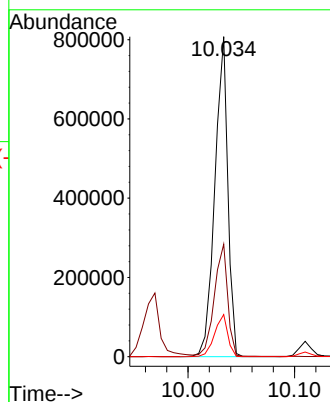
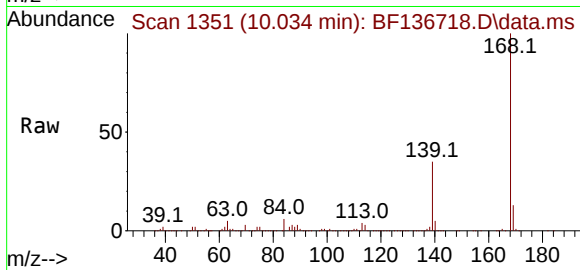
Tgt Ion:168 Resp: 680811

Ion Ratio Lower Upper

168 100

139 35.2 29.3 43.9

169 13.1 11.0 16.4



#56

4-Nitrophenol

Concen: 74.177 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.012 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

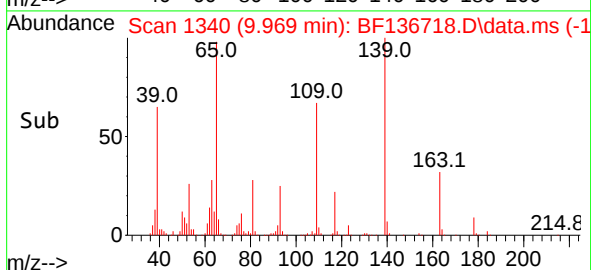
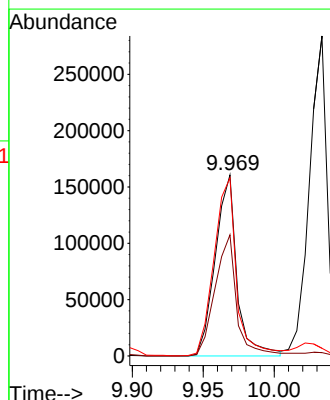
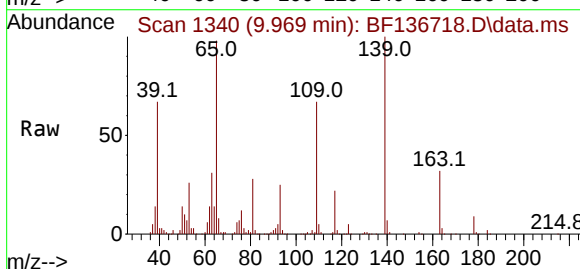
Tgt Ion:139 Resp: 170067

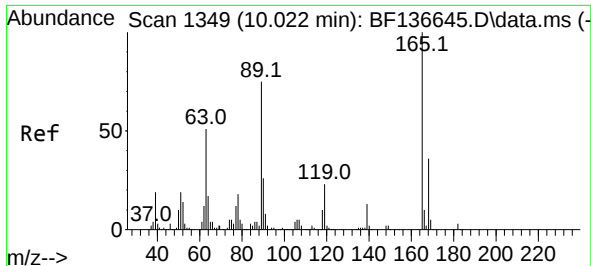
Ion Ratio Lower Upper

139 100

109 66.9 45.8 85.8

65 98.4 77.8 117.8

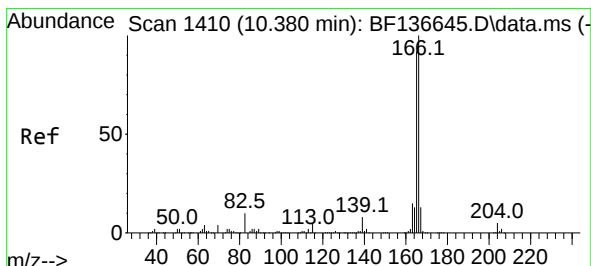
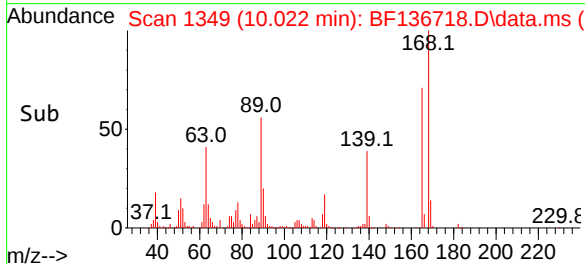
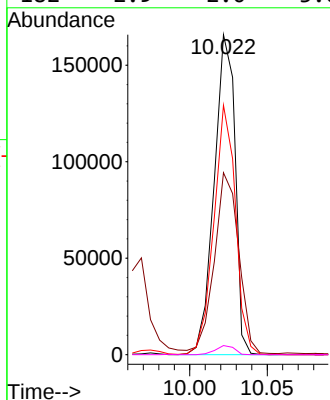
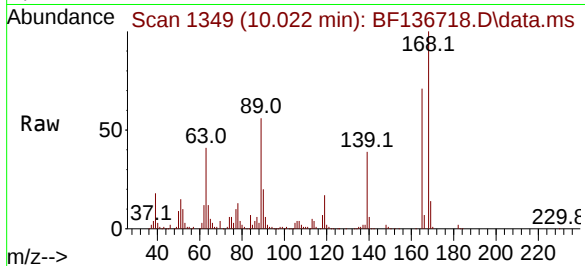




#57
2,4-Dinitrotoluene
Concen: 37.362 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

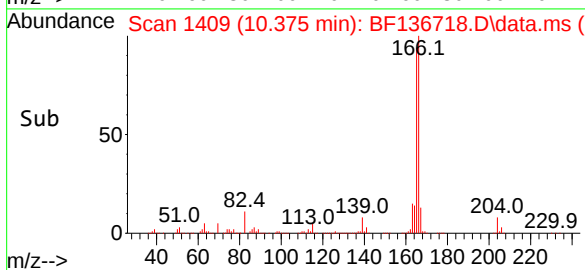
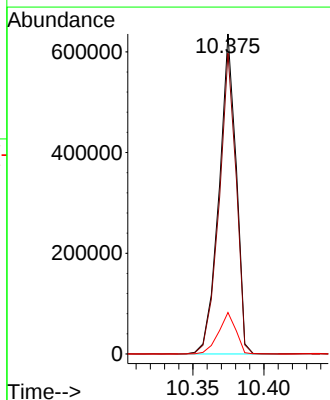
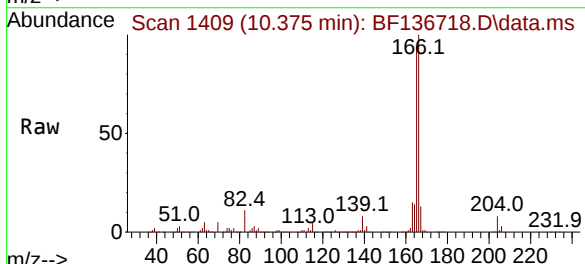
Instrument :
BNA_F
ClientSampleId :
PB157861BS

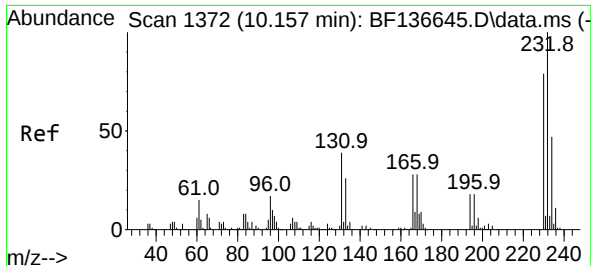
Tgt Ion:165 Resp: 155508
Ion Ratio Lower Upper
165 100
63 56.9 41.0 61.6
89 78.0 59.9 89.9
182 2.9 2.0 3.0



#58
Fluorene
Concen: 37.776 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:166 Resp: 531159
Ion Ratio Lower Upper
166 100
165 94.0 73.7 110.5
167 12.9 10.4 15.6

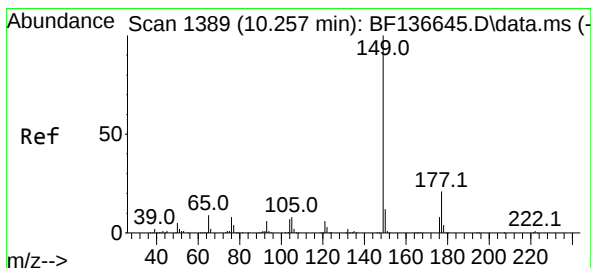
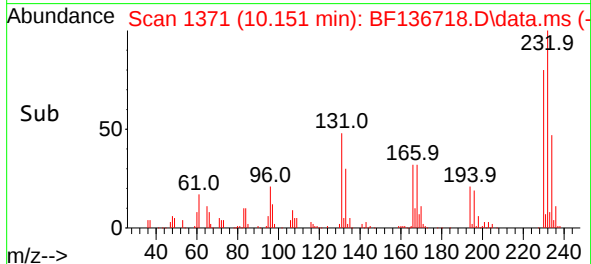
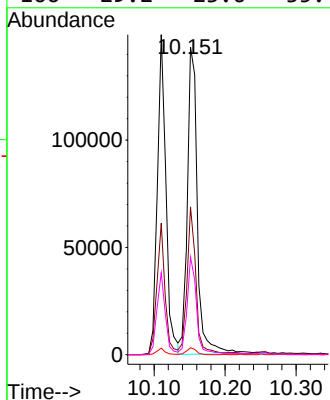
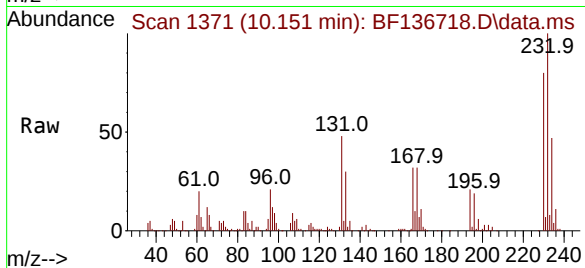




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.976 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

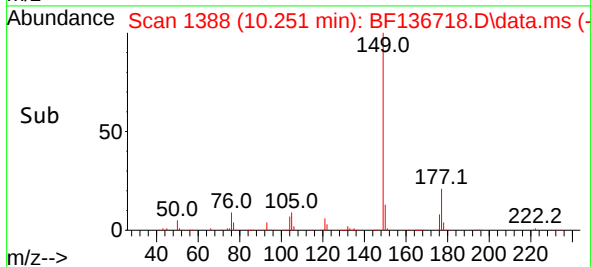
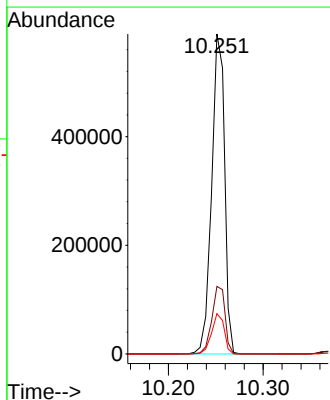
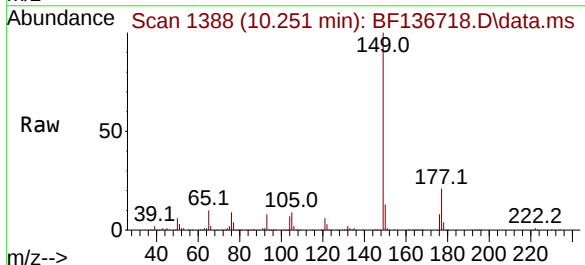
Instrument :
BNA_F
ClientSampleId :
PB157861BS

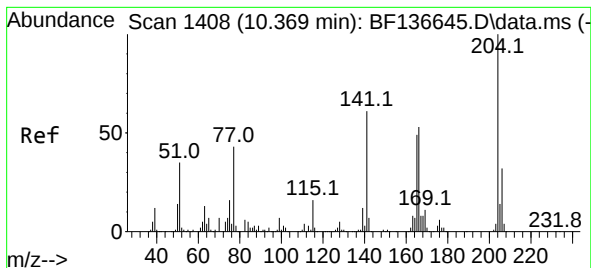
Tgt Ion:232 Resp: 141613
Ion Ratio Lower Upper
232 100
131 40.7 35.1 52.7
130 2.1 1.6 2.4
166 29.2 23.6 35.4



#60
Diethylphthalate
Concen: 37.918 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:149 Resp: 555784
Ion Ratio Lower Upper
149 100
177 21.1 16.9 25.3
150 12.6 9.3 13.9

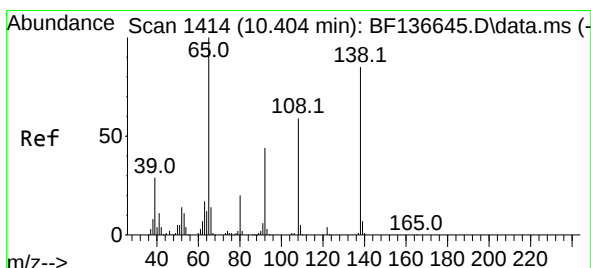
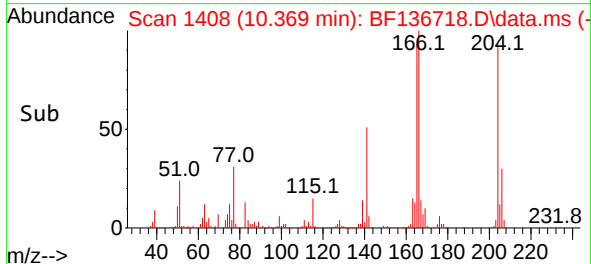
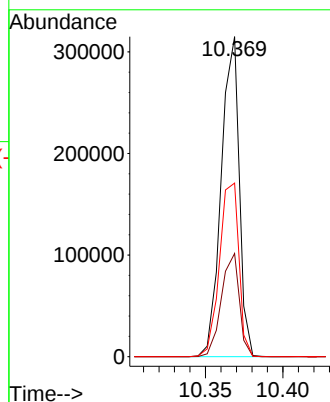
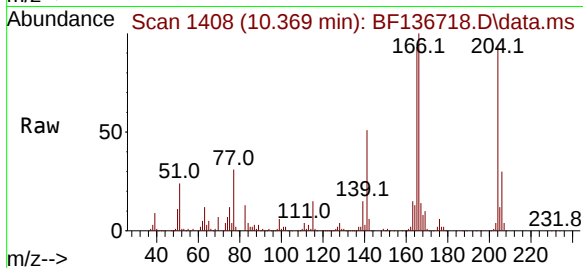




#61
4-Chlorophenyl-phenylether
Concen: 37.204 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

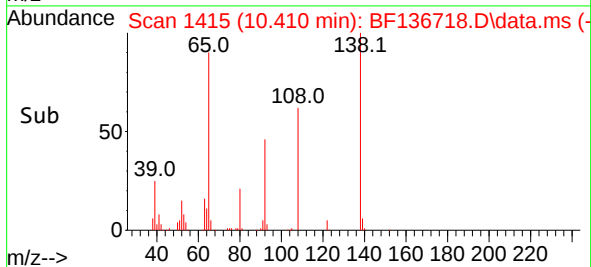
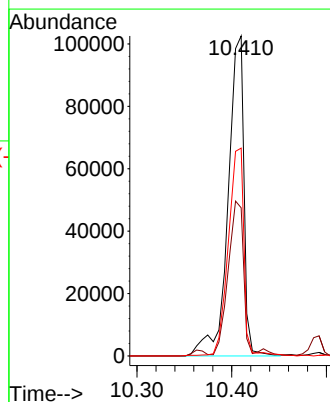
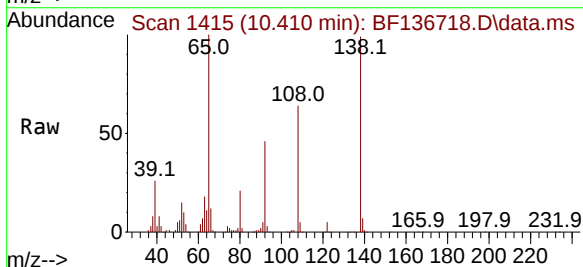
Instrument :
BNA_F
ClientSampleId :
PB157861BS

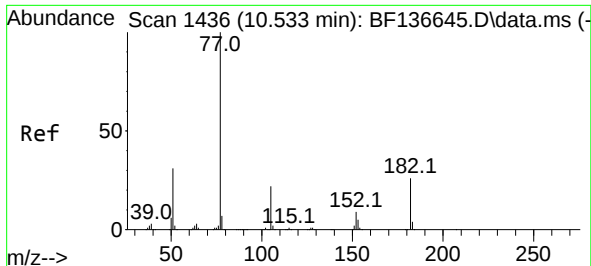
Tgt Ion:204 Resp: 254273
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 54.2 48.4 72.6



#62
4-Nitroaniline
Concen: 36.598 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:138 Resp: 119826
Ion Ratio Lower Upper
138 100
92 46.3 32.1 72.1
108 65.0 50.1 90.1

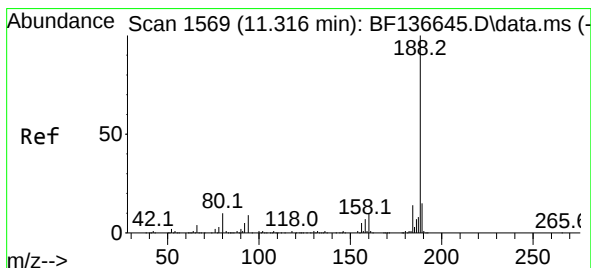
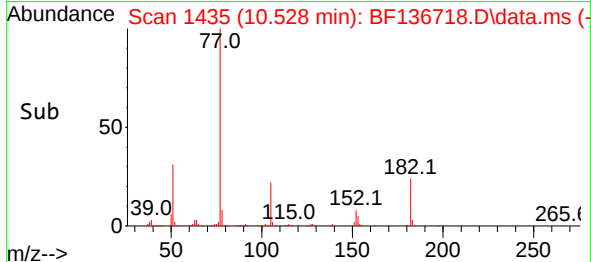
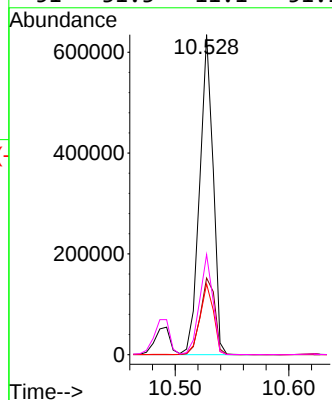
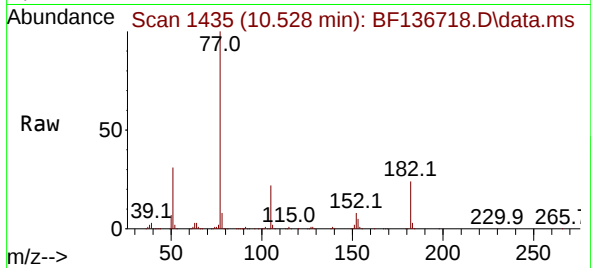




#63
Azobenzene
Concen: 37.925 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

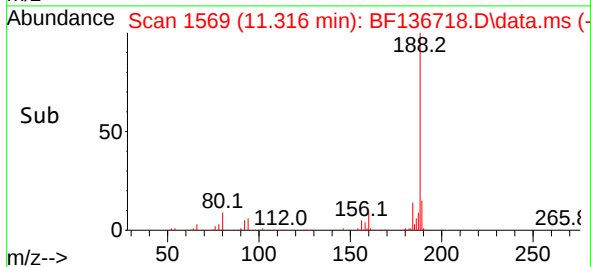
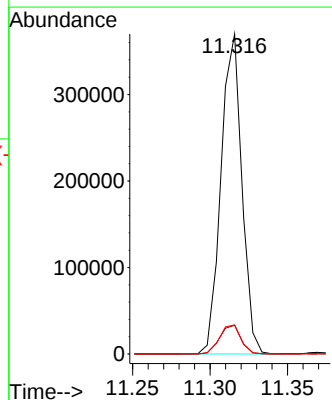
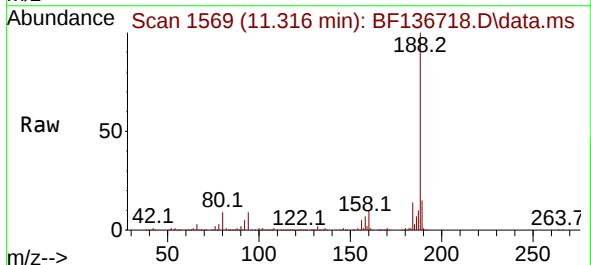
Instrument :
BNA_F
ClientSampleId :
PB157861BS

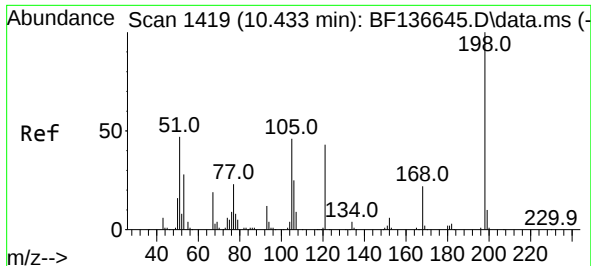
Tgt Ion: 77	Resp: 519201
Ion Ratio	Lower Upper
77 100	
182 24.0	6.0 46.0
105 22.1	2.3 42.3
51 31.3	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:188	Resp: 346176
Ion Ratio	Lower Upper
188 100	
94 9.0	7.5 11.3
80 9.1	8.1 12.1

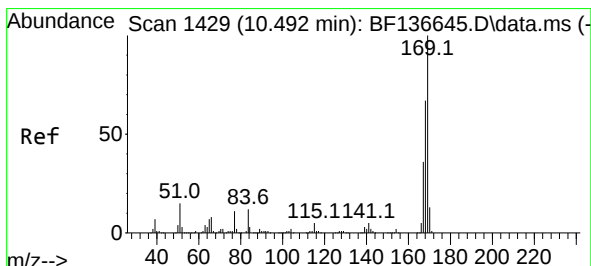
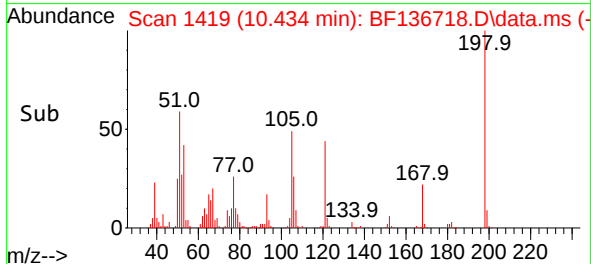
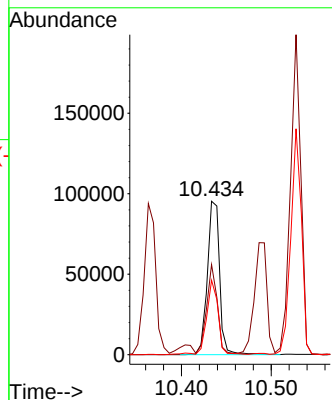
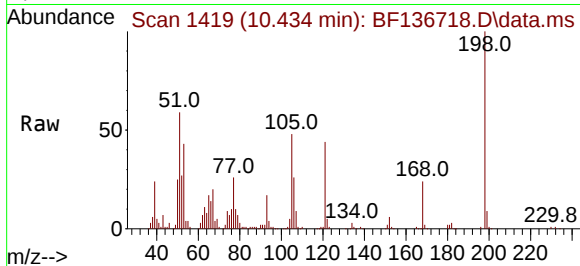




#65
4,6-Dinitro-2-methylphenol
Concen: 45.728 ng
RT: 10.434 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

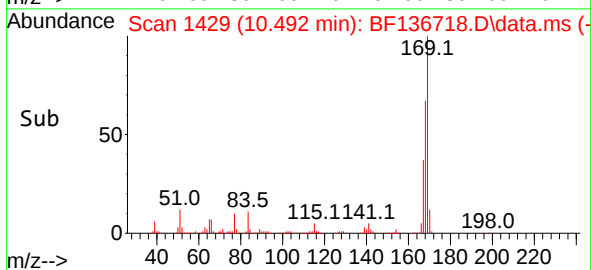
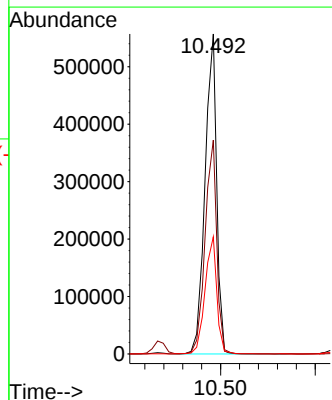
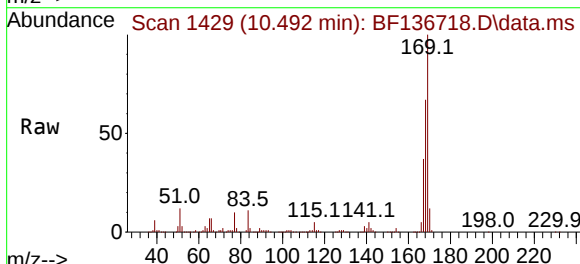
Instrument :
BNA_F
ClientSampleId :
PB157861BS

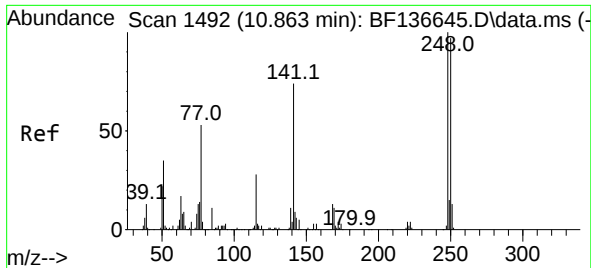
Tgt Ion:198 Resp: 90721
Ion Ratio Lower Upper
198 100
51 58.7 34.1 74.1
105 48.5 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 42.229 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:169 Resp: 474878
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.6
167 36.6 28.7 43.1

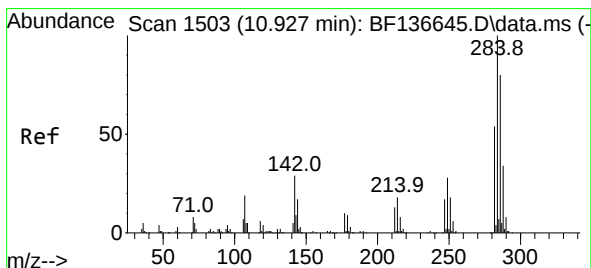
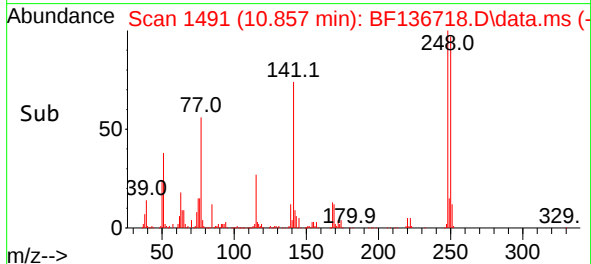
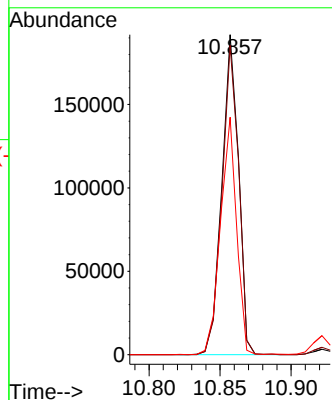
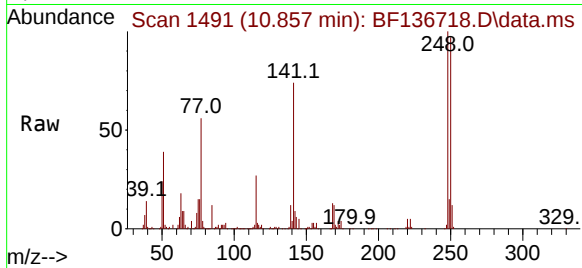




#67
4-Bromophenyl-phenylether
Concen: 40.650 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

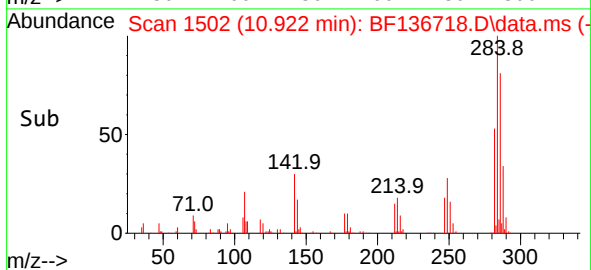
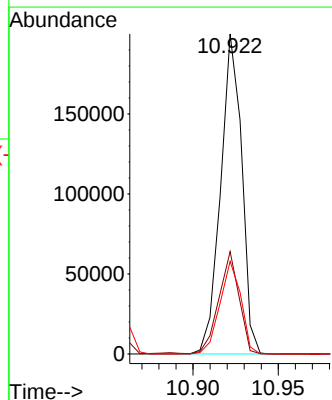
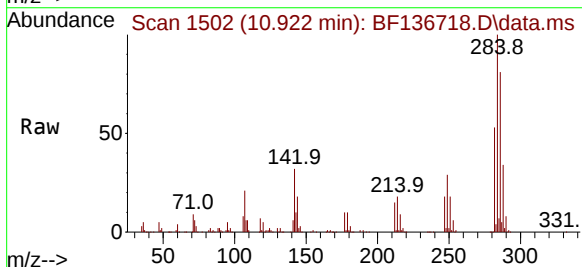
Instrument :
BNA_F
ClientSampleId :
PB157861BS

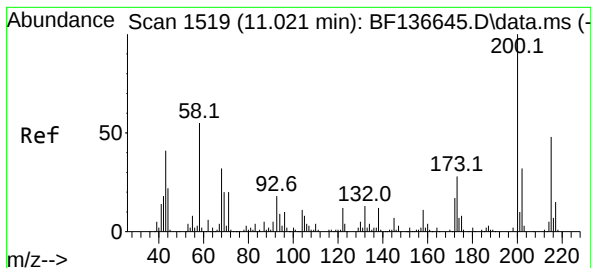
Tgt Ion:248 Resp: 156281
Ion Ratio Lower Upper
248 100
250 96.6 77.8 116.6
141 74.2 59.2 88.8



#68
Hexachlorobenzene
Concen: 40.226 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:284 Resp: 172343
Ion Ratio Lower Upper
284 100
142 32.0 23.4 35.0
249 29.0 22.3 33.5





#69

Atrazine

Concen: 59.926 ng

RT: 11.028 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PB157861BS

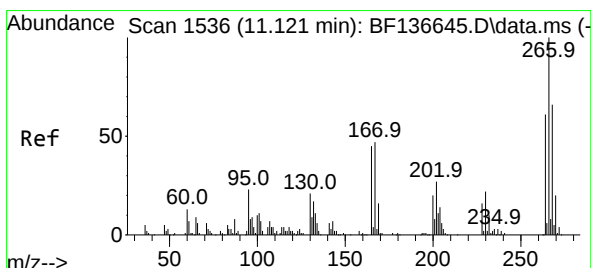
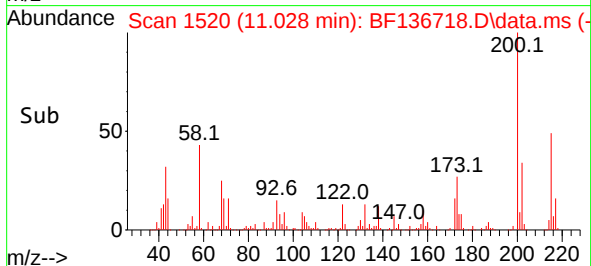
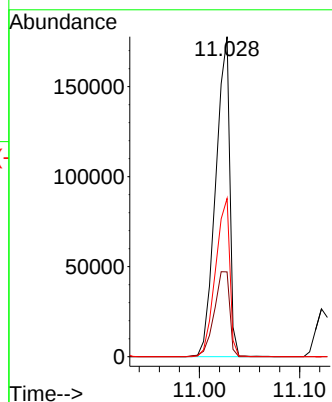
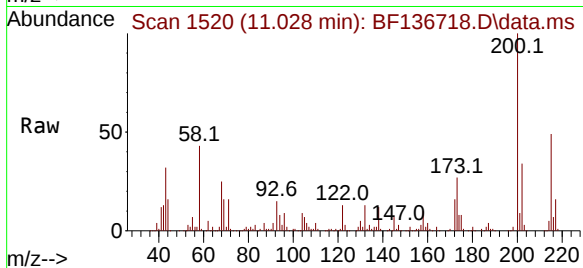
Tgt Ion:200 Resp: 172362

Ion Ratio Lower Upper

200 100

173 26.5 7.6 47.6

215 49.5 28.3 68.3



#70

Pentachlorophenol

Concen: 79.002 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

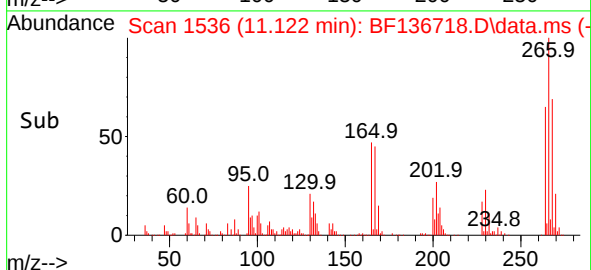
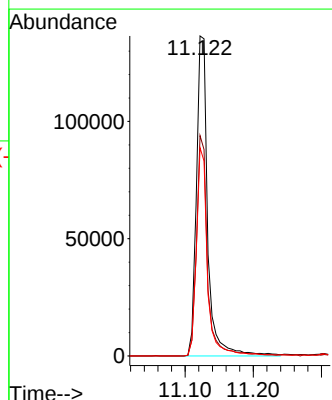
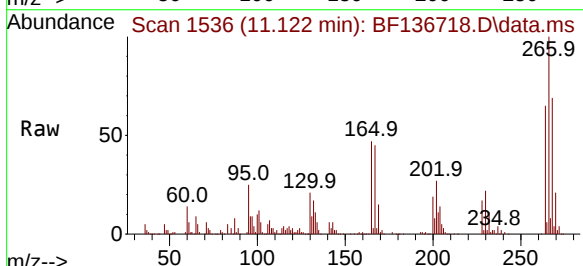
Tgt Ion:266 Resp: 157767

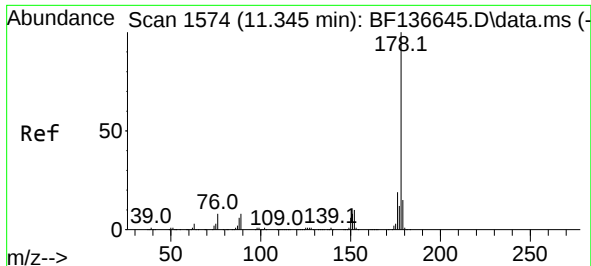
Ion Ratio Lower Upper

266 100

268 68.9 52.6 78.8

264 65.0 49.0 73.4

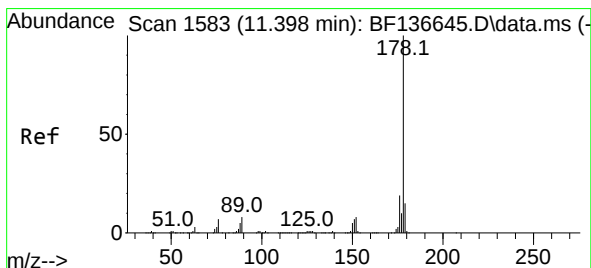
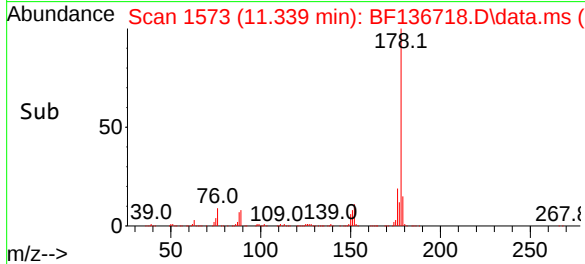
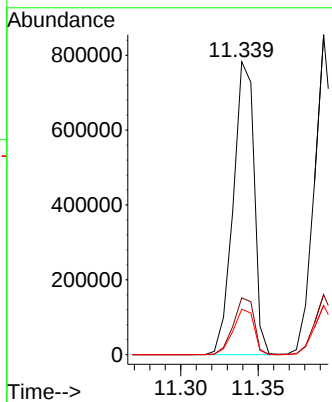
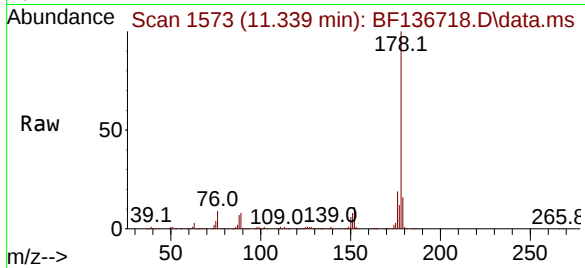




#71
Phenanthrene
Concen: 41.308 ng
RT: 11.339 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

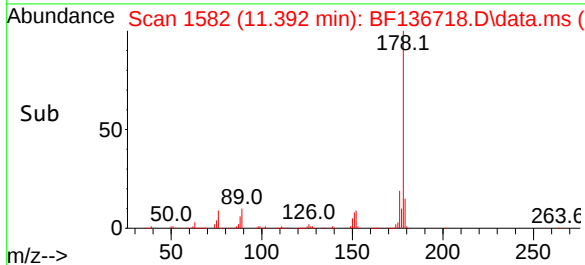
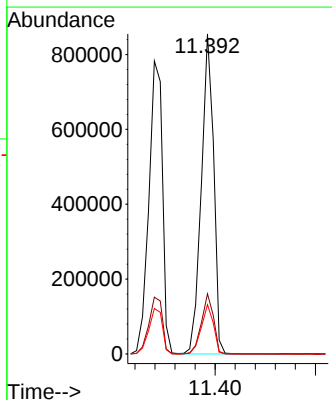
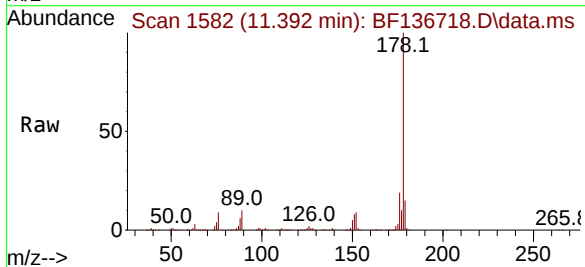
Instrument :
BNA_F
ClientSampleId :
PB157861BS

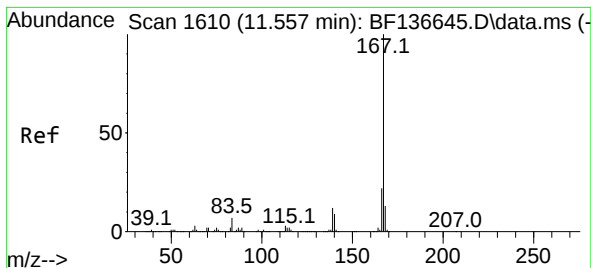
Tgt Ion:178 Resp: 733741
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.5 11.9 17.9



#72
Anthracene
Concen: 40.753 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:178 Resp: 733088
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.4 11.8 17.6





#73

Carbazole

Concen: 38.787 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PB157861BS

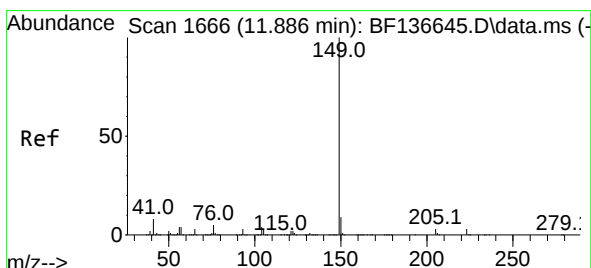
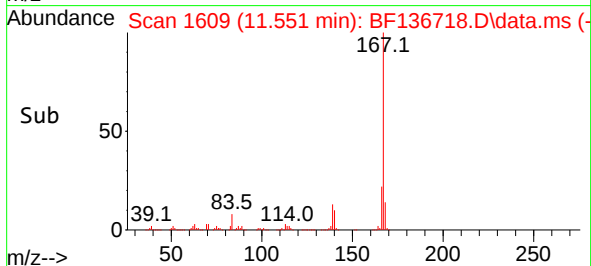
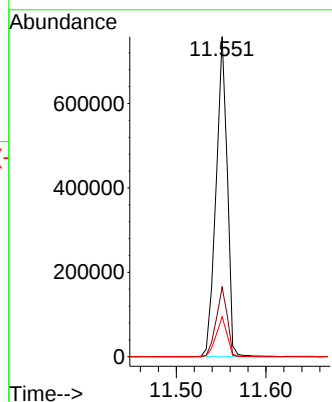
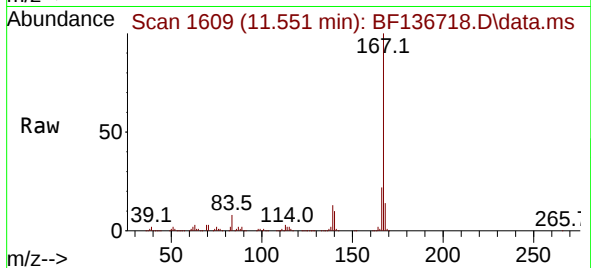
Tgt Ion:167 Resp: 657832

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 12.5 9.8 14.6



#74

Di-n-butylphthalate

Concen: 39.396 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

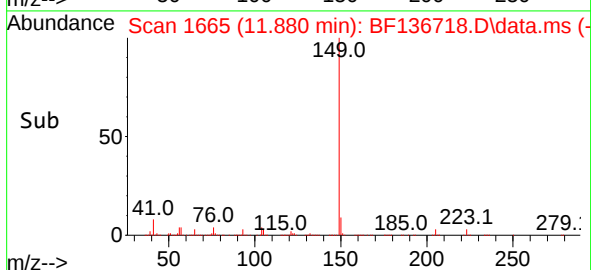
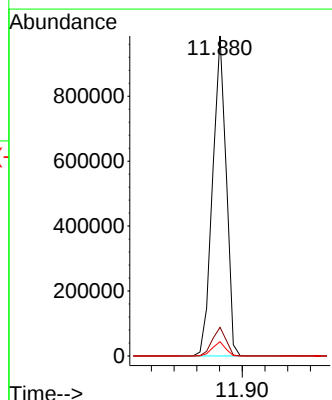
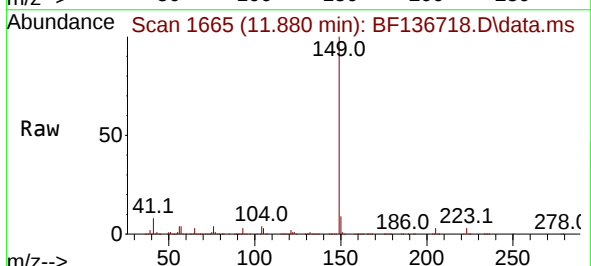
Tgt Ion:149 Resp: 815318

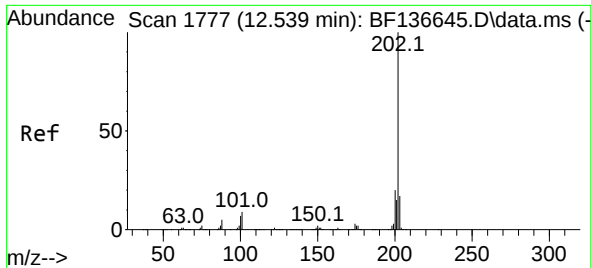
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 4.5 3.6 5.4

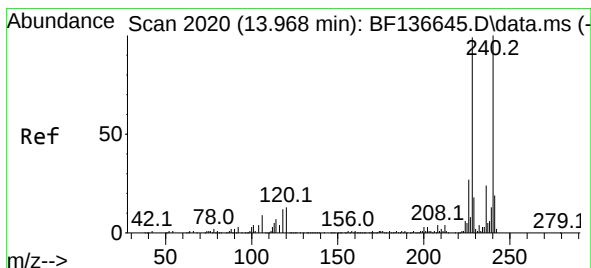
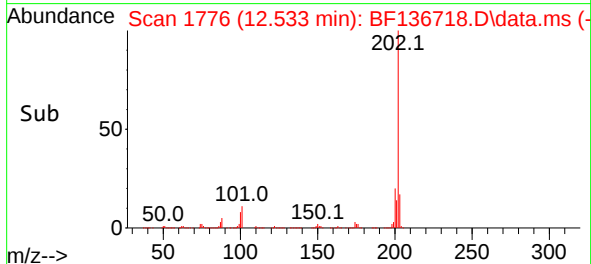
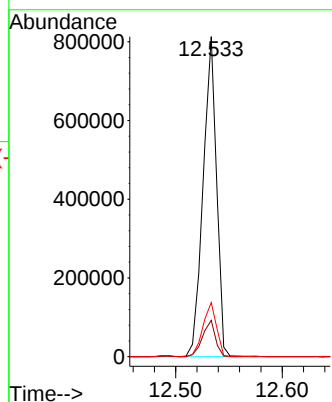
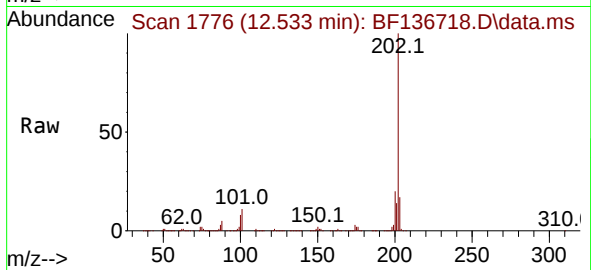




#75
Fluoranthene
Concen: 37.677 ng
RT: 12.533 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

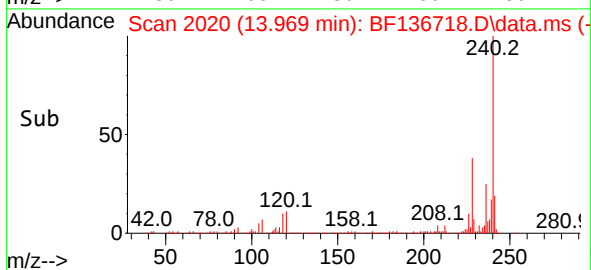
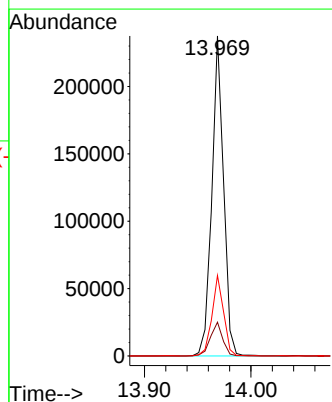
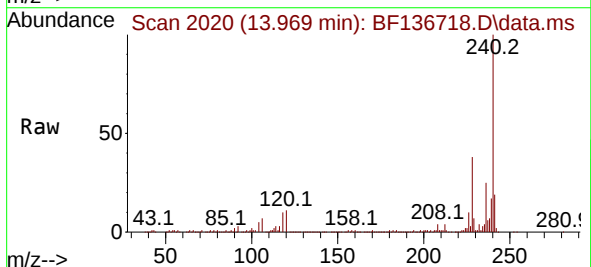
Instrument :
BNA_F
ClientSampleId :
PB157861BS

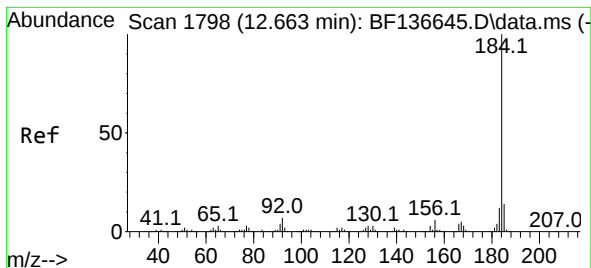
Tgt Ion:202 Resp: 715856
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.3
203 16.9 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136718.D
Acq: 26 Dec 2023 14:26

Tgt Ion:240 Resp: 182449
Ion Ratio Lower Upper
240 100
120 10.5 10.3 15.5
236 25.2 19.4 29.2





#77

Benzidine

Concen: 12.254 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PB157861BS

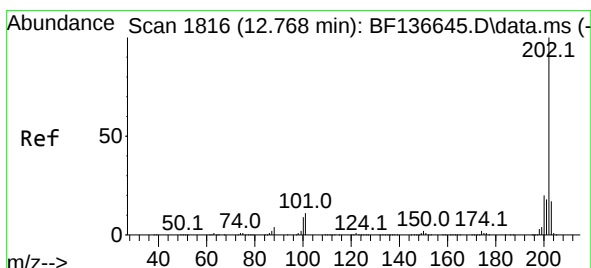
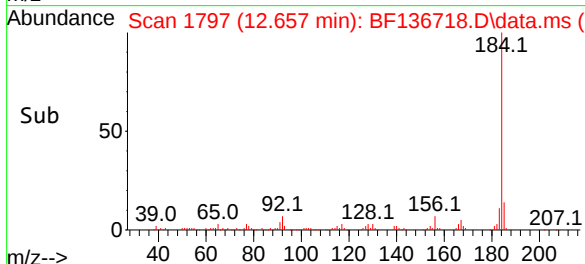
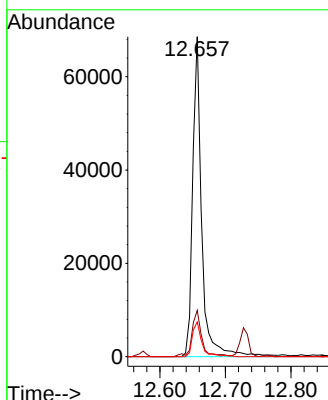
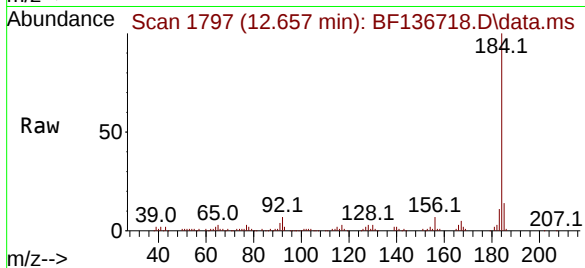
Tgt Ion:184 Resp: 65924

Ion Ratio Lower Upper

184 100

185 14.5 11.2 16.8

183 10.8 9.3 13.9



#78

Pyrene

Concen: 39.933 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

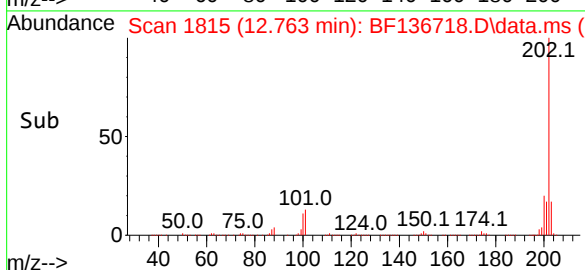
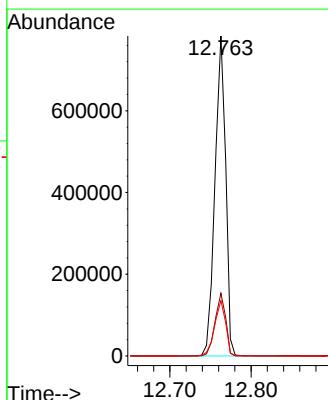
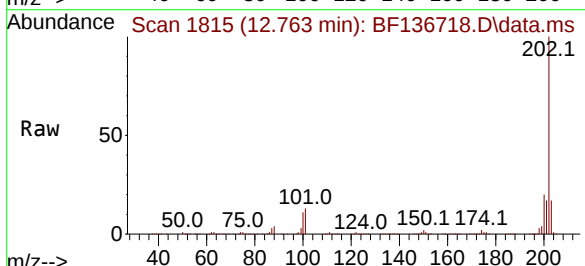
Tgt Ion:202 Resp: 715224

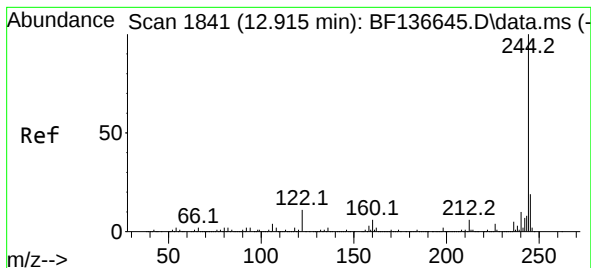
Ion Ratio Lower Upper

202 100

200 19.6 15.9 23.9

203 17.3 13.8 20.6





#79

Terphenyl-d14

Concen: 75.978 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PB157861BS

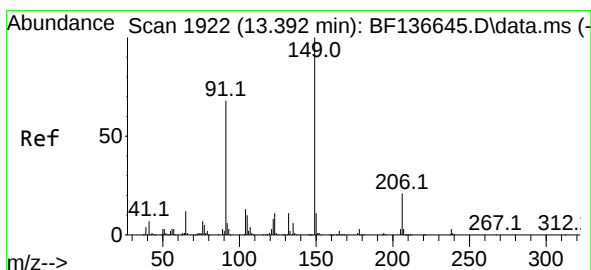
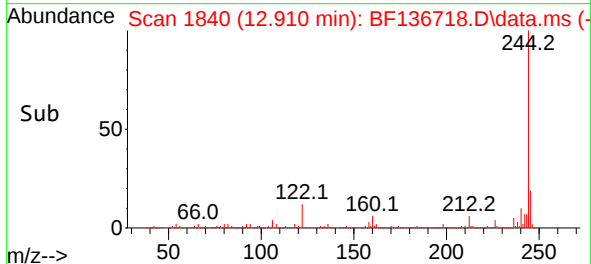
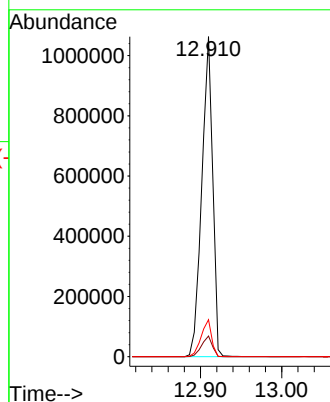
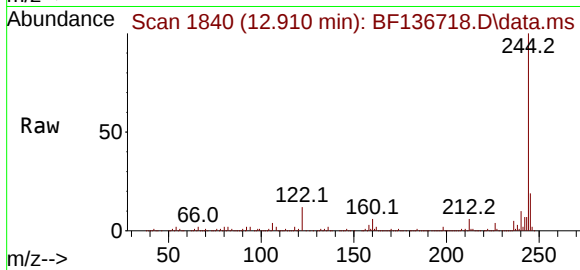
Tgt Ion:244 Resp: 991942

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 11.6 9.0 13.4



#80

Butylbenzylphthalate

Concen: 42.737 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

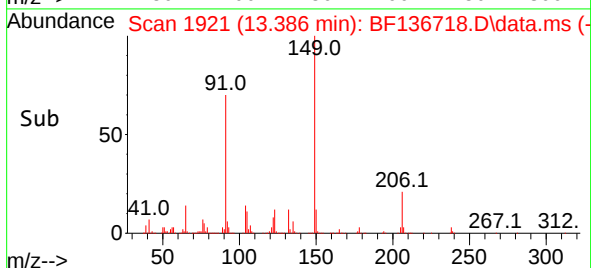
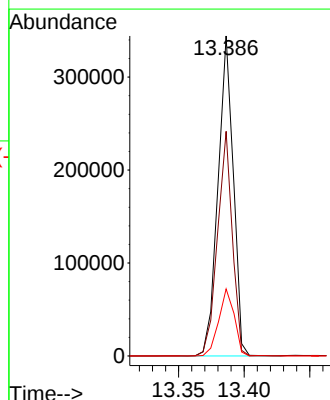
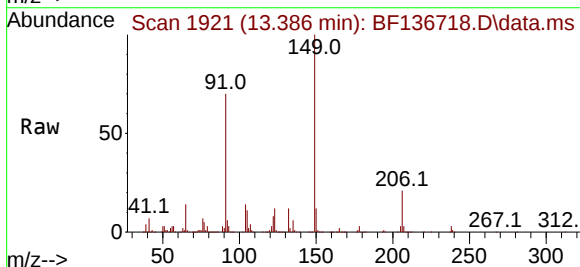
Tgt Ion:149 Resp: 278522

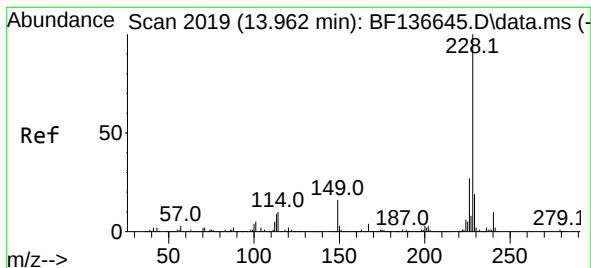
Ion Ratio Lower Upper

149 100

91 70.2 54.1 81.1

206 21.0 17.1 25.7





#81

Benzo(a)anthracene

Concen: 41.312 ng

RT: 13.957 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PB157861BS

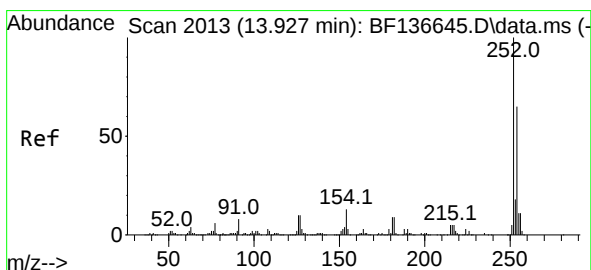
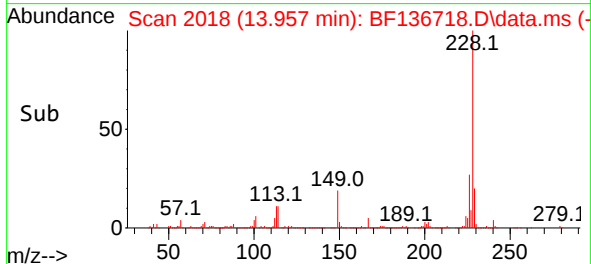
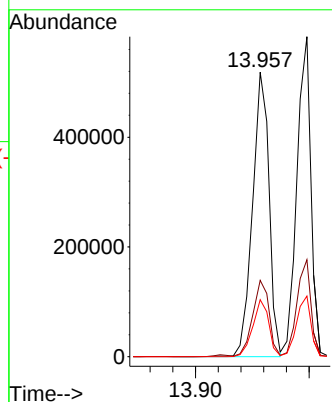
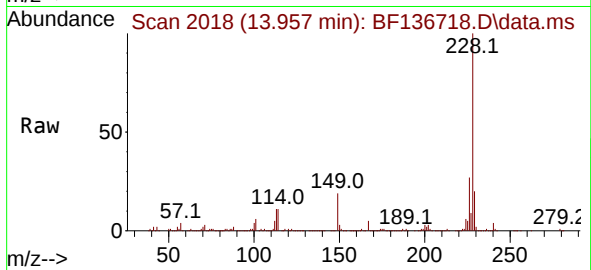
Tgt Ion:228 Resp: 523384

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.0

229 20.0 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 45.879 ng

RT: 13.922 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

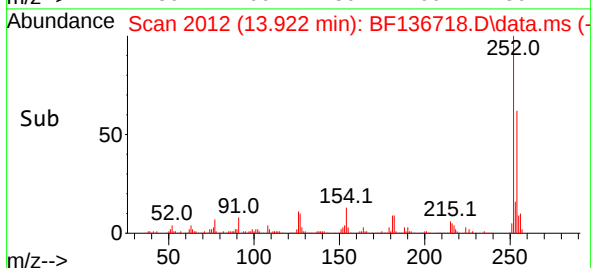
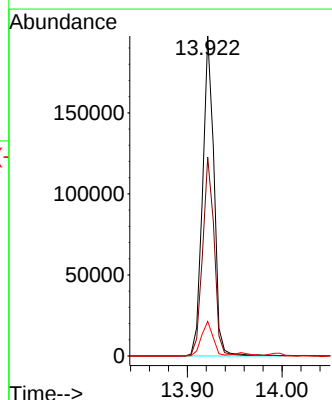
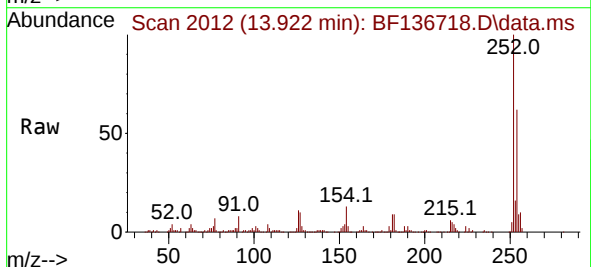
Tgt Ion:252 Resp: 165069

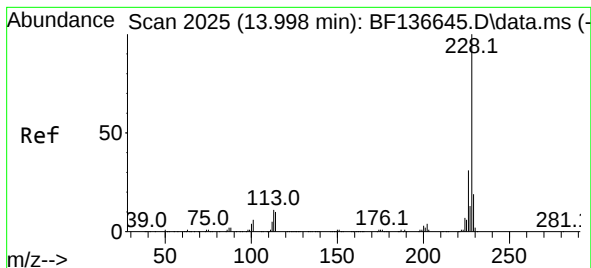
Ion Ratio Lower Upper

252 100

254 62.1 52.2 78.4

126 10.8 8.0 12.0





#83

Chrysene

Concen: 40.477 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PB157861BS

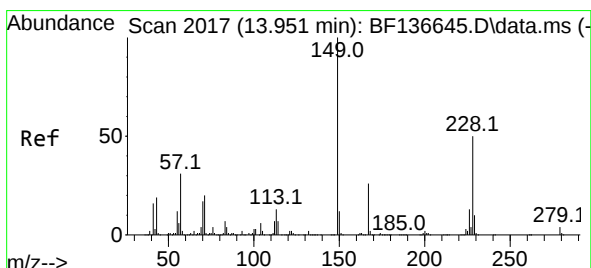
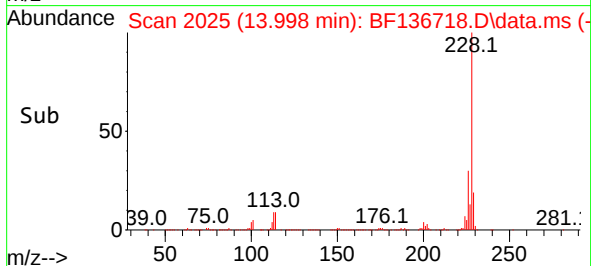
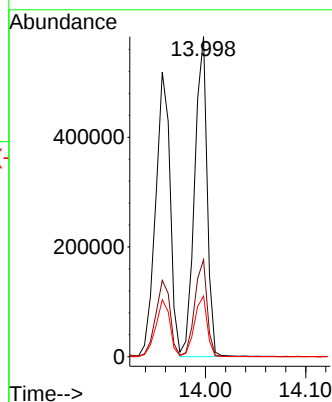
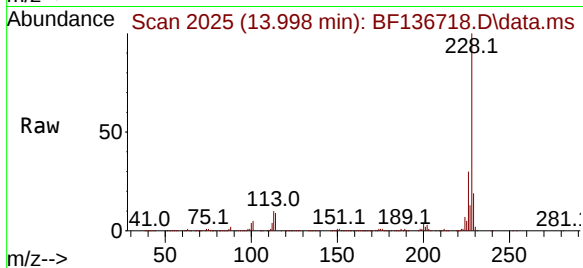
Tgt Ion:228 Resp: 501465

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

229 19.0 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.690 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

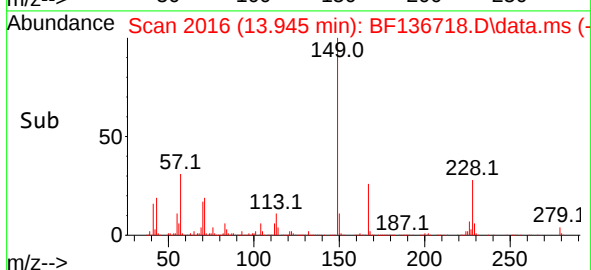
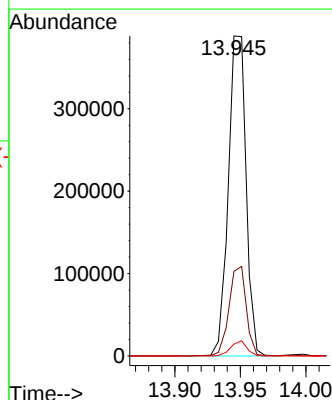
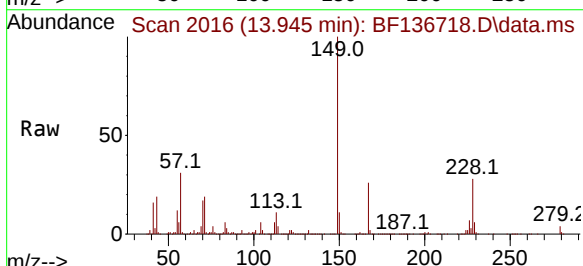
Tgt Ion:149 Resp: 366443

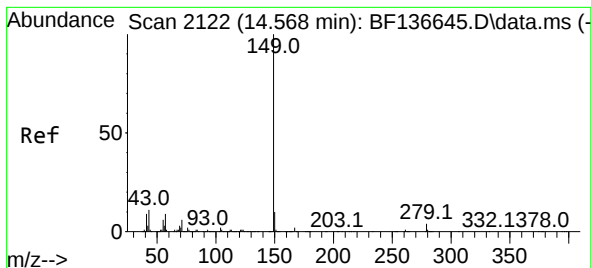
Ion Ratio Lower Upper

149 100

167 26.5 20.9 31.3

279 3.7 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 48.326 ng

RT: 14.563 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PB157861BS

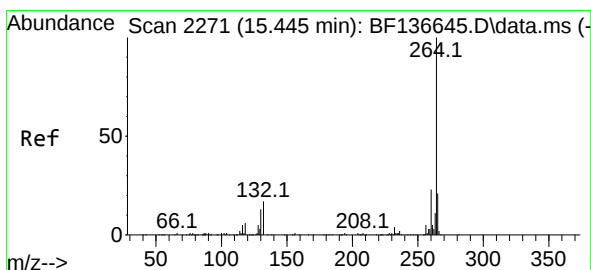
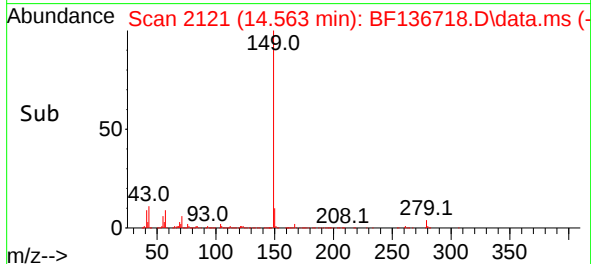
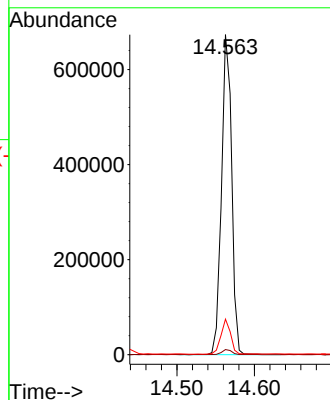
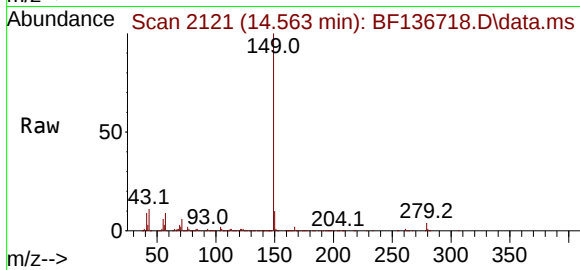
Tgt Ion:149 Resp: 612954

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.6 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: BF136718.D

Acq: 26 Dec 2023 14:26

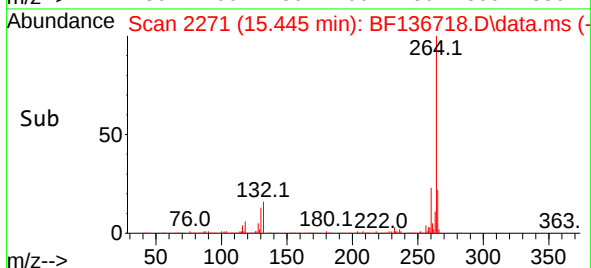
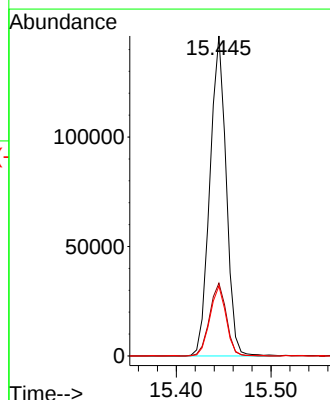
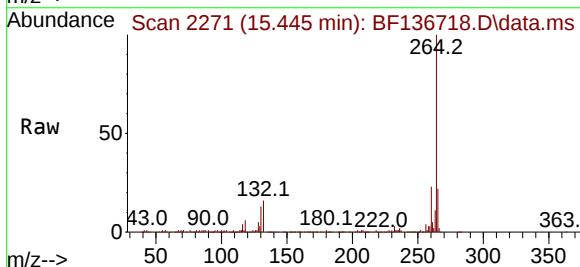
Tgt Ion:264 Resp: 174185

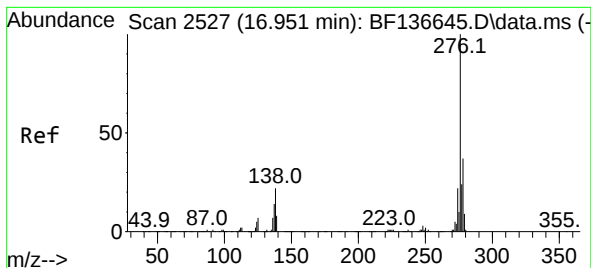
Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 21.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.839 ng

RT: 16.957 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PB157861BS

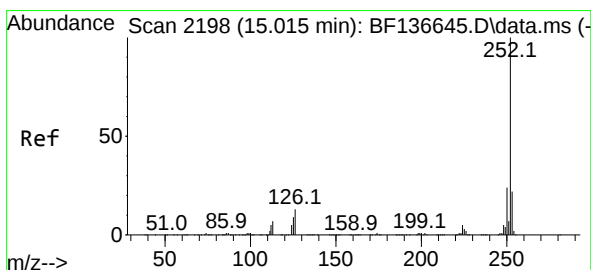
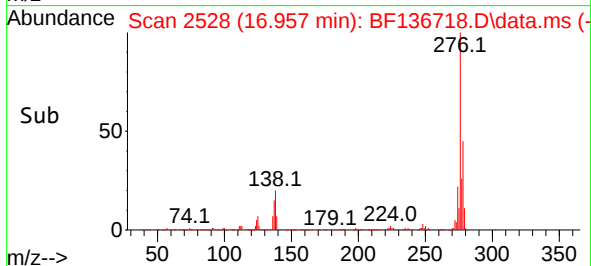
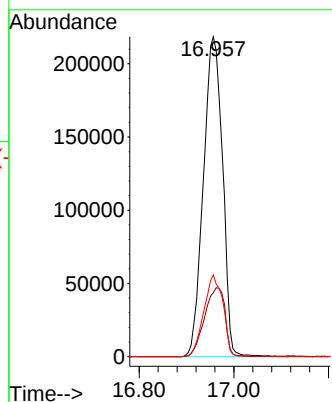
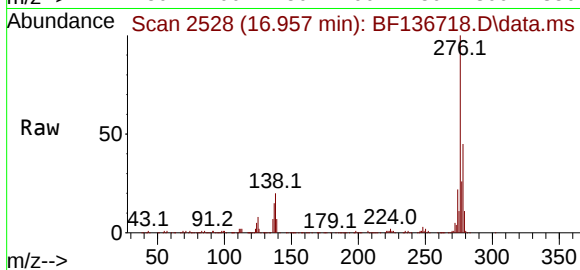
Tgt Ion:276 Resp: 614220

Ion Ratio Lower Upper

276 100

138 23.0 18.7 28.1

277 25.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.787 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

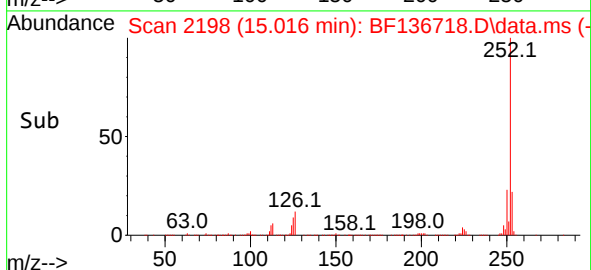
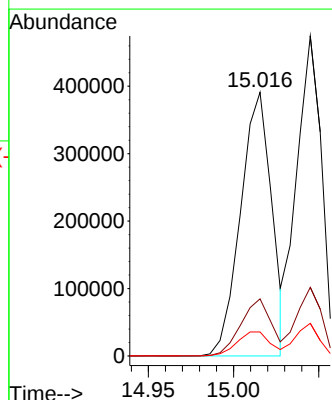
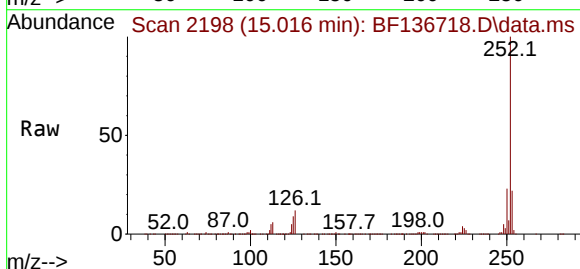
Tgt Ion:252 Resp: 497785

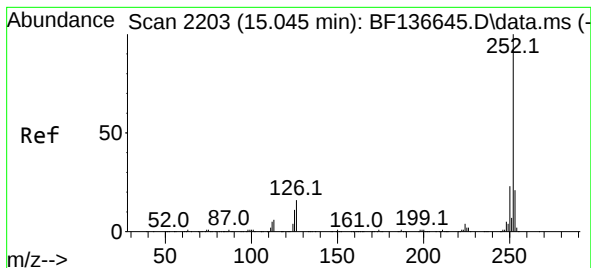
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.1 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 44.211 ng

RT: 15.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PB157861BS

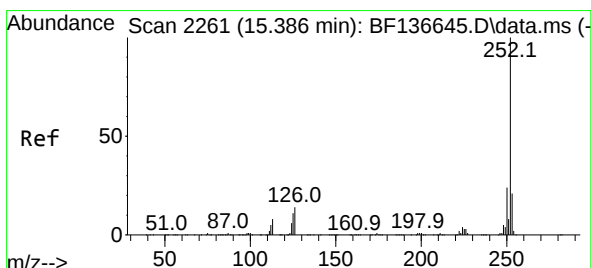
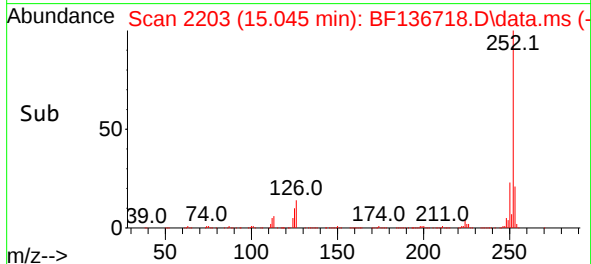
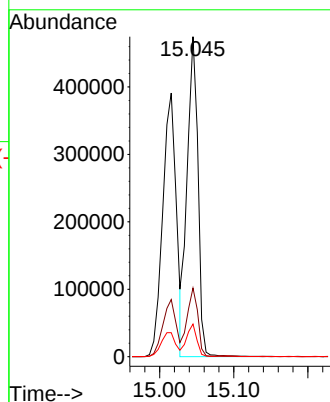
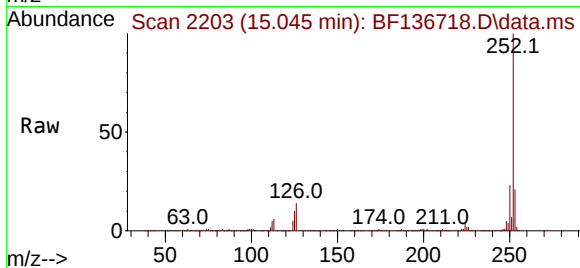
Tgt Ion:252 Resp: 486012

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 10.2 8.2 12.4



#90

Benzo(a)pyrene

Concen: 44.294 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

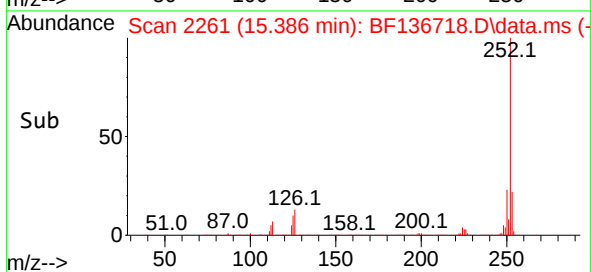
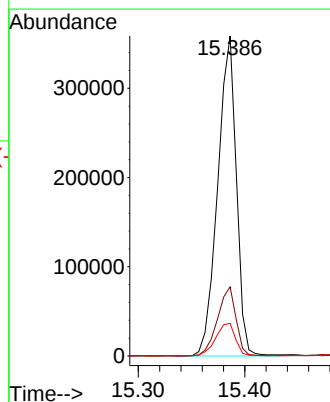
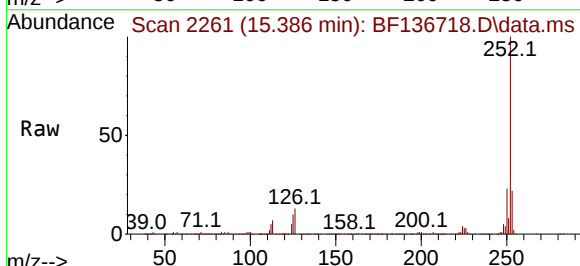
Tgt Ion:252 Resp: 434984

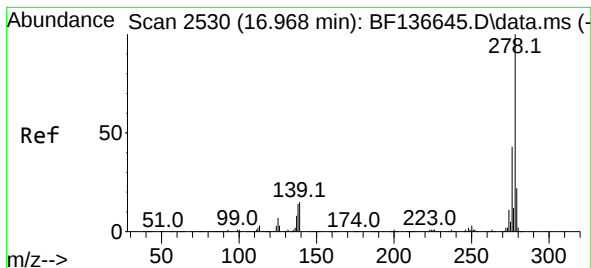
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 10.2 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 50.236 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PB157861BS

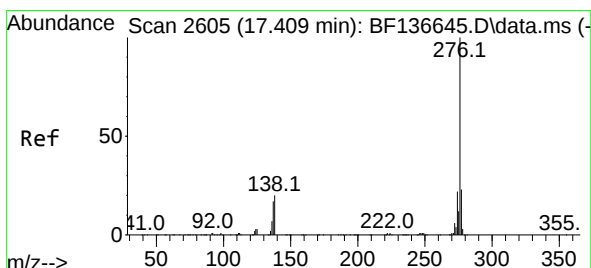
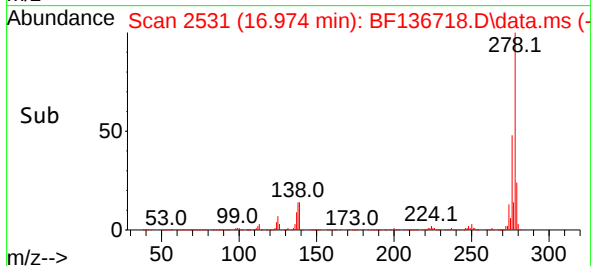
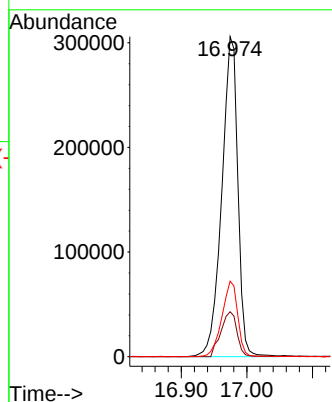
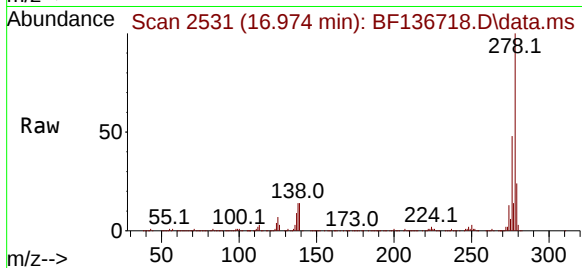
Tgt Ion:278 Resp: 518319

Ion Ratio Lower Upper

278 100

139 14.0 12.2 18.4

279 23.6 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 49.740 ng

RT: 17.415 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF136718.D

Acq: 26 Dec 2023 14:26

Tgt Ion:276 Resp: 525629

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 19.7 15.6 23.4

