

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136563.D
 Acq On : 14 Dec 2023 12:24
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 12:50:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	126828	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	501279	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	264686	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	489856	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	267952	20.000	ng	-0.01
86) Perylene-d12	15.439	264	255785	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	596531	69.462	ng	-0.01
7) Phenol-d6	6.434	99	756324	70.588	ng	-0.01
23) Nitrobenzene-d5	7.357	82	682257	73.578	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	243829	74.712	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1424197	73.420	ng	-0.02
79) Terphenyl-d14	12.910	244	1607932	79.094	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	117416	34.567	ng	97
3) Pyridine	3.310	79	314557	38.239	ng	97
4) n-Nitrosodimethylamine	3.287	42	129328	36.188	ng	95
6) Aniline	6.457	93	461443	42.614	ng	100
8) 2-Chlorophenol	6.581	128	325099	34.676	ng	96
9) Benzaldehyde	6.345	77	204195	37.074	ng	95
10) Phenol	6.445	94	403383	35.380	ng	90
11) bis(2-Chloroethyl)ether	6.534	93	296972	34.944	ng	96
12) 1,3-Dichlorobenzene	6.728	146	342308	32.466	ng	96
13) 1,4-Dichlorobenzene	6.804	146	341882	31.965	ng	97
14) 1,2-Dichlorobenzene	6.957	146	325129	32.327	ng	99
15) Benzyl Alcohol	6.934	79	264197	36.822	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	363602	33.266	ng	97
17) 2-Methylphenol	7.045	107	278487	36.767	ng	95
18) Hexachloroethane	7.298	117	120715	32.327	ng	91
19) n-Nitroso-di-n-propyla...	7.204	70	215774	34.910	ng	99
20) 3+4-Methylphenols	7.204	107	341390	36.312	ng	94
22) Acetophenone	7.198	105	438828	35.451	ng	# 96
24) Nitrobenzene	7.375	77	326757	35.030	ng	95
25) Isophorone	7.610	82	598447	35.923	ng	98
26) 2-Nitrophenol	7.687	139	172369	37.587	ng	95
27) 2,4-Dimethylphenol	7.728	122	269902	47.732	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	369720	36.117	ng	99
29) 2,4-Dichlorophenol	7.928	162	274410	36.766	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	304257	34.960	ng	97
31) Naphthalene	8.092	128	969346	35.066	ng	99
32) Benzoic acid	7.857	122	146676	26.148	ng	95
33) 4-Chloroaniline	8.139	127	404177	41.012	ng	99
34) Hexachlorobutadiene	8.204	225	177600	34.433	ng	99
35) Caprolactam	8.522	113	85519	37.207	ng	91
36) 4-Chloro-3-methylphenol	8.628	107	288705	36.430	ng	98
37) 2-Methylnaphthalene	8.781	142	649074	36.907	ng	96
38) 1-Methylnaphthalene	8.881	142	610019	35.349	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	304262	36.948	ng	99
41) Hexachlorocyclopentadiene	8.934	237	133600	43.792	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	193399	36.069	ng	100

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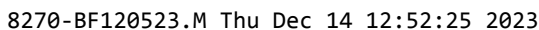
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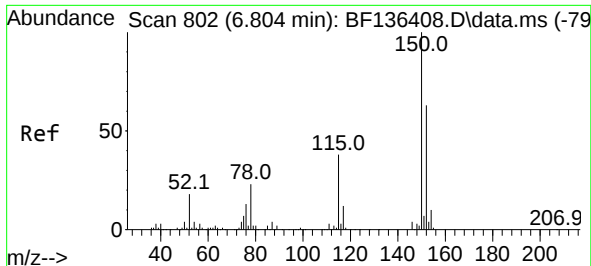
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	222187	37.128	ng	95
46) 1,1'-Biphenyl	9.245	154	806846	35.825	ng	98
47) 2-Chloronaphthalene	9.275	162	594963	33.941	ng	99
48) 2-Nitroaniline	9.369	65	174084	37.028	ng	99
49) Acenaphthylene	9.686	152	911598	36.506	ng	98
50) Dimethylphthalate	9.551	163	718972	36.895	ng	98
51) 2,6-Dinitrotoluene	9.616	165	155262	35.415	ng	99
52) Acenaphthene	9.863	154	568639	35.536	ng	97
53) 3-Nitroaniline	9.786	138	166246	37.135	ng	99
54) 2,4-Dinitrophenol	9.892	184	73706	33.252	ng	95
55) Dibenzofuran	10.033	168	841258	35.987	ng	99
56) 4-Nitrophenol	9.951	139	115890	34.532	ng	92
57) 2,4-Dinitrotoluene	10.022	165	203049	35.011	ng	95
58) Fluorene	10.375	166	660096	35.177	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	172162	35.915	ng	99
60) Diethylphthalate	10.251	149	680280	35.501	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	334799	36.599	ng	97
62) 4-Nitroaniline	10.404	138	165499	37.230	ng	97
63) Azobenzene	10.528	77	617206	35.387	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	112680	37.142	ng	82
66) n-Nitrosodiphenylamine	10.492	169	586705	37.326	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	213013	37.401	ng	96
68) Hexachlorobenzene	10.922	284	225172	34.207	ng	98
69) Atrazine	11.022	200	163315	36.403	ng	100
70) Pentachlorophenol	11.122	266	121970	32.831	ng	95
71) Phenanthrene	11.339	178	981950	36.470	ng	99
72) Anthracene	11.392	178	1008354	37.183	ng	99
73) Carbazole	11.551	167	843175	35.129	ng	100
74) Di-n-butylphthalate	11.886	149	1079354	36.682	ng	99
75) Fluoranthene	12.533	202	981842	34.798	ng	98
77) Benzidine	12.657	184	129892	26.981	ng	99
78) Pyrene	12.763	202	987767	37.640	ng	98
80) Butylbenzylphthalate	13.386	149	373852	40.020	ng	91
81) Benzo(a)anthracene	13.957	228	687108	36.814	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	218038	41.665	ng	100
83) Chrysene	13.992	228	675516	36.786	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	476656	41.622	ng	98
85) Di-n-octyl phthalate	14.568	149	724258	42.815	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	685184	38.559	ng	99
88) Benzo(b)fluoranthene	15.010	252	561037	32.080	ng	99
89) Benzo(k)fluoranthene	15.039	252	572782	34.753	ng	99
90) Benzo(a)pyrene	15.380	252	549652	38.057	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	566233	38.895	ng	99
92) Benzo(g,h,i)perylene	17.404	276	563612	37.720	ng	99

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

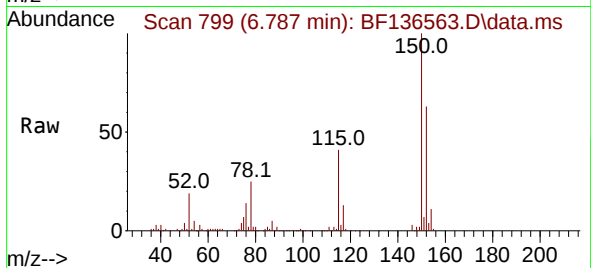
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
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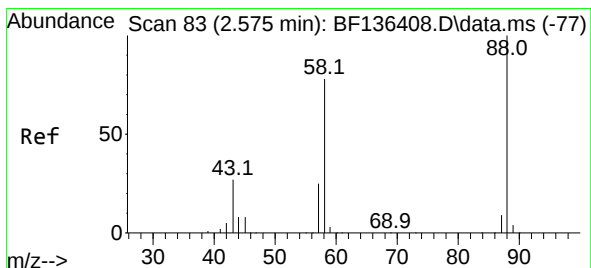
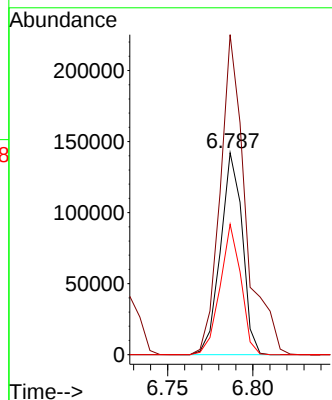
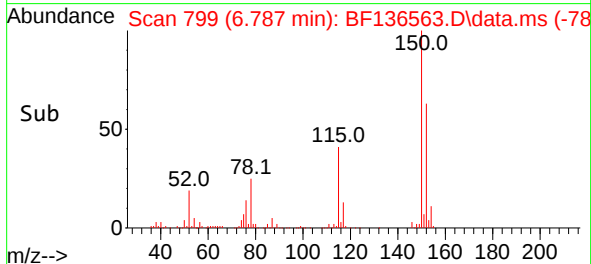


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: BF136563.D
 Acq: 14 Dec 2023 12:24

Instrument :
 BNA_F
 ClientSampleId :

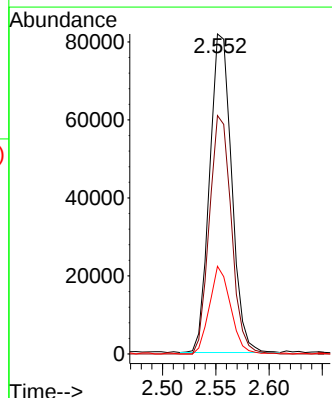
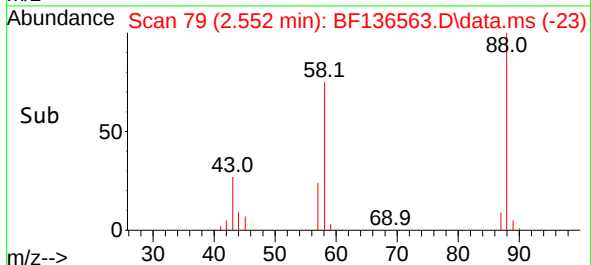
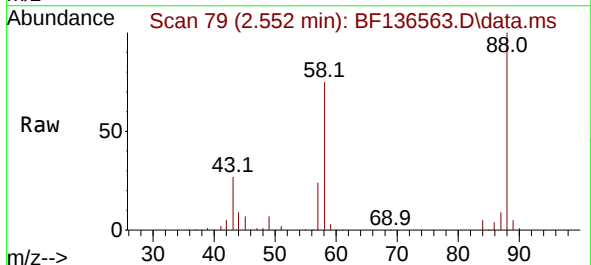


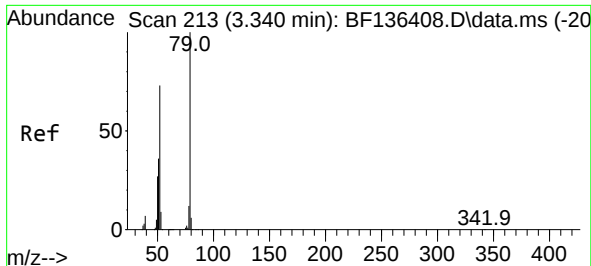
Tgt Ion:152 Resp: 126828
 Ion Ratio Lower Upper
 152 100
 150 158.5 126.4 189.6
 115 64.6 48.2 72.4



#2
 1,4-Dioxane
 Concen: 34.567 ng
 RT: 2.552 min Scan# 79
 Delta R.T. -0.024 min
 Lab File: BF136563.D
 Acq: 14 Dec 2023 12:24

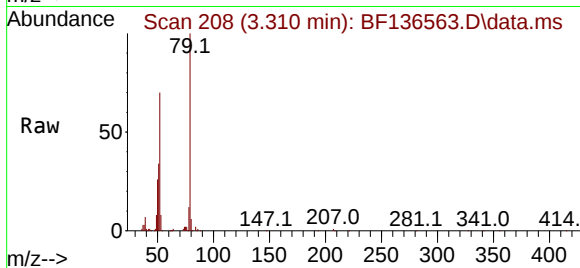
Tgt Ion: 88 Resp: 117416
 Ion Ratio Lower Upper
 88 100
 58 74.5 62.2 93.2
 43 26.4 21.5 32.3



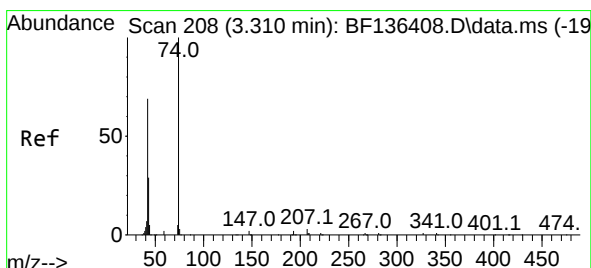
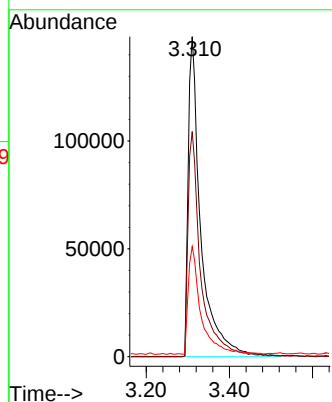
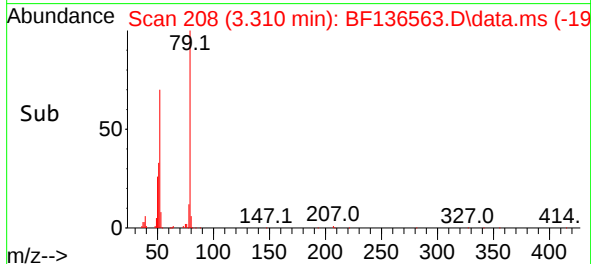


#3
Pyridine
Concen: 38.239 ng
RT: 3.310 min Scan# 20
Delta R.T. -0.029 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

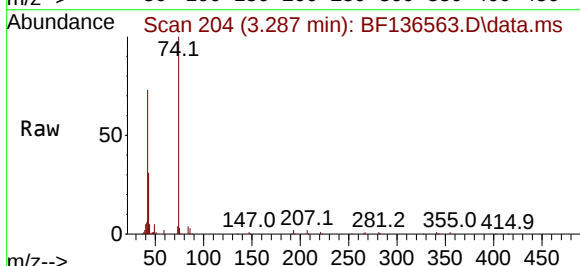
Instrument :
BNA_F
ClientSampleId :



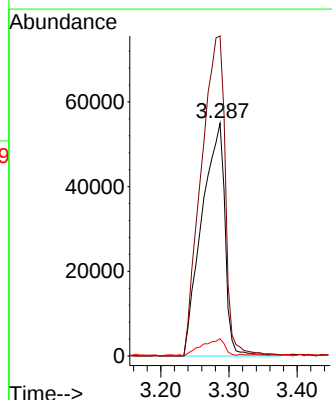
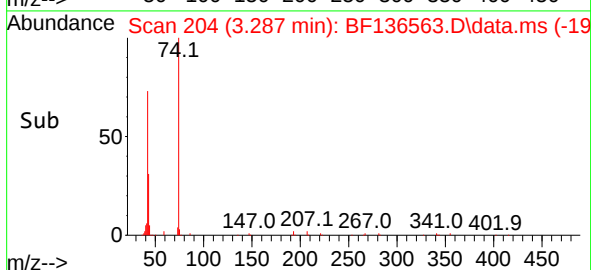
Tgt Ion: 79 Resp: 314557
Ion Ratio Lower Upper
79 100
52 70.4 58.2 87.2
51 34.4 29.1 43.7

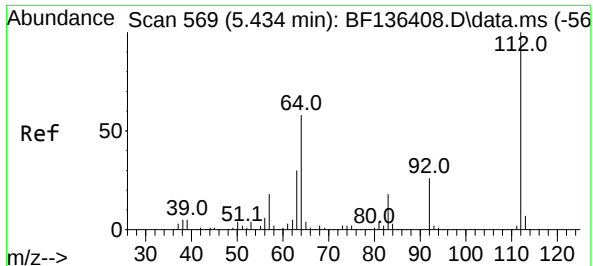


#4
n-Nitrosodimethylamine
Concen: 36.188 ng
RT: 3.287 min Scan# 204
Delta R.T. -0.024 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24



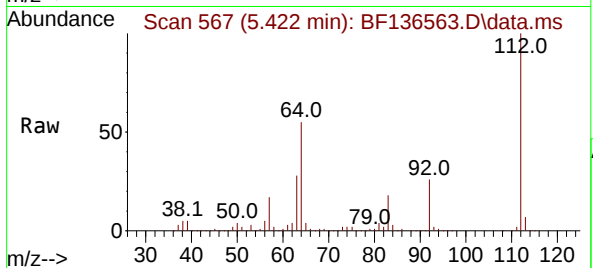
Tgt Ion: 42 Resp: 129328
Ion Ratio Lower Upper
42 100
74 137.5 115.4 173.0
44 7.4 6.2 9.2



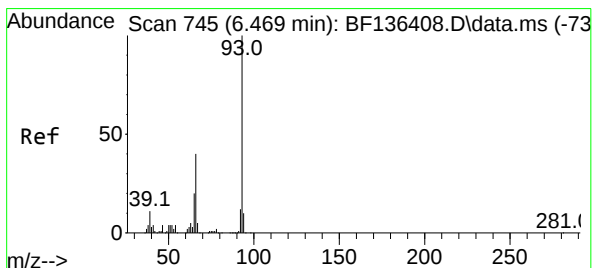
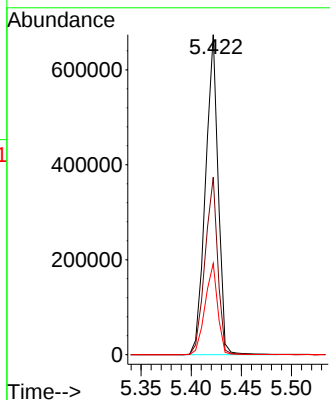
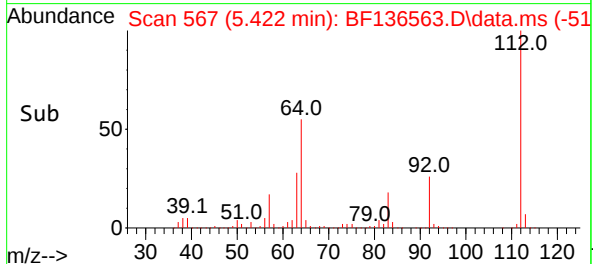


#5
2-Fluorophenol
Concen: 69.462 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

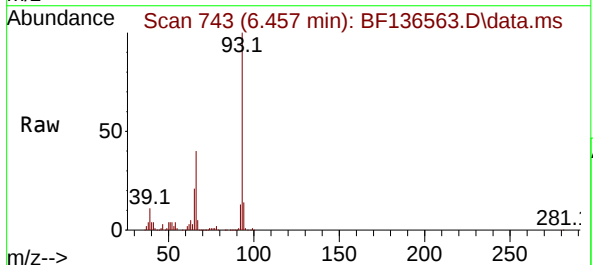
Instrument :
BNA_F
ClientSampleId :



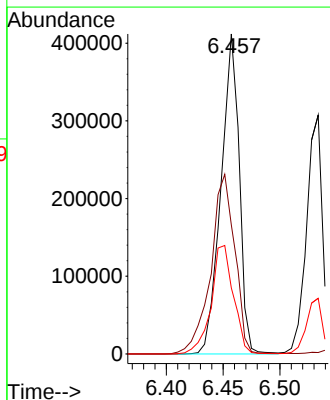
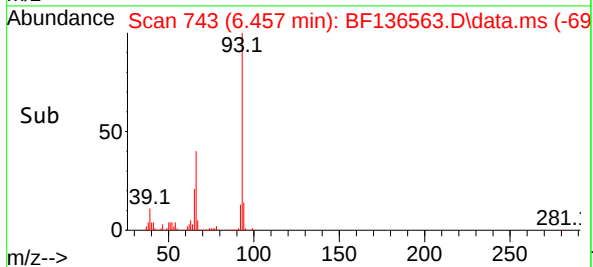
Tgt Ion:112 Resp: 596531
Ion Ratio Lower Upper
112 100
64 55.5 46.5 69.7
63 28.5 23.9 35.9

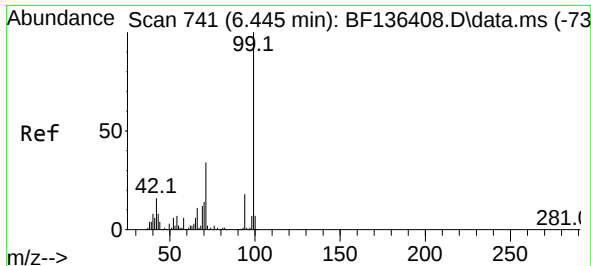


#6
Aniline
Concen: 42.614 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24



Tgt Ion: 93 Resp: 461443
Ion Ratio Lower Upper
93 100
66 40.4 32.5 48.7
65 20.7 16.4 24.6





#7

Phenol-d6

Concen: 70.588 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :

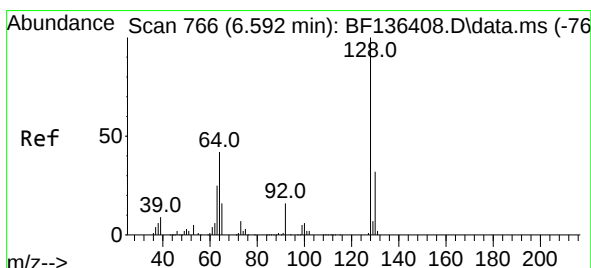
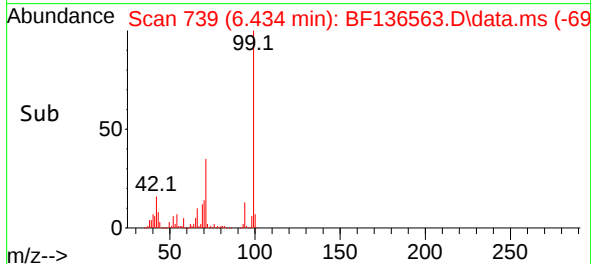
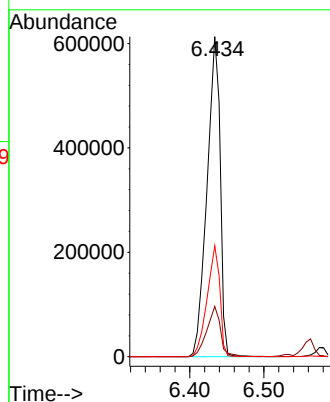
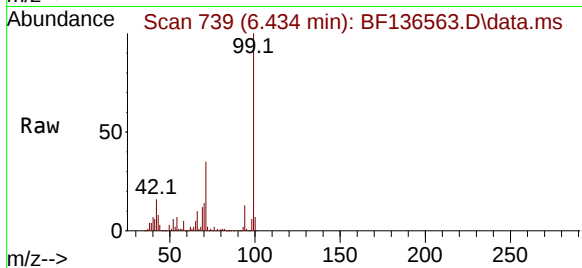
Tgt Ion: 99 Resp: 756324

Ion Ratio Lower Upper

99 100

42 15.7 12.8 19.2

71 34.6 27.0 40.4



#8

2-Chlorophenol

Concen: 34.676 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

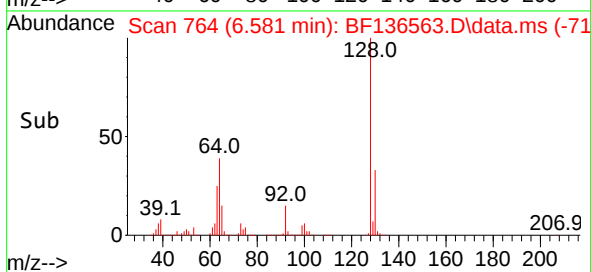
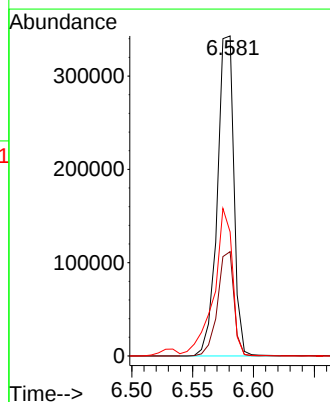
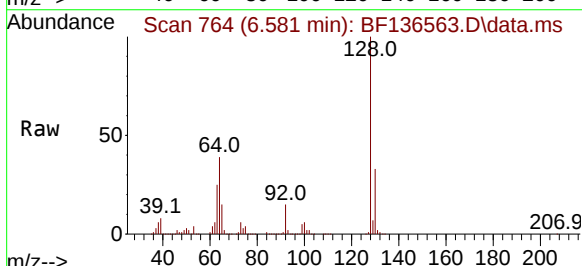
Tgt Ion:128 Resp: 325099

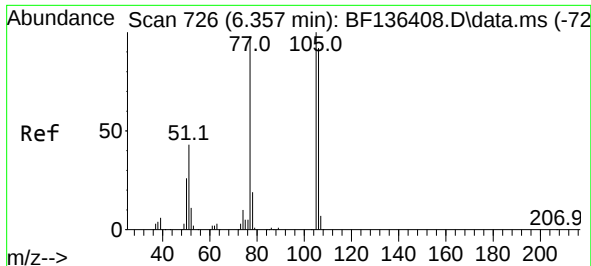
Ion Ratio Lower Upper

128 100

130 32.6 11.7 51.7

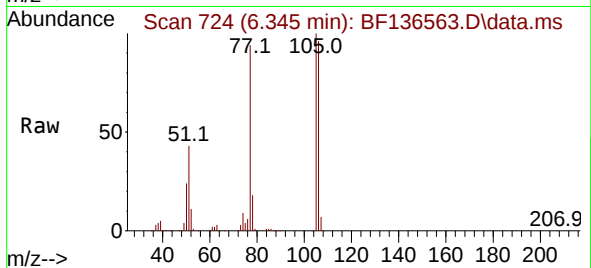
64 38.8 22.5 62.5



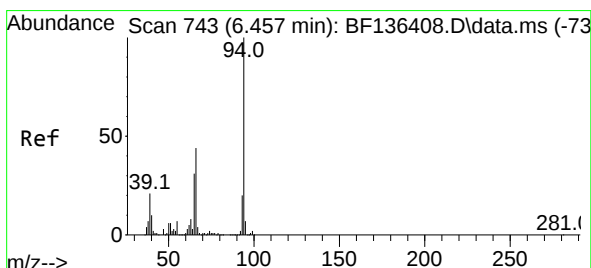
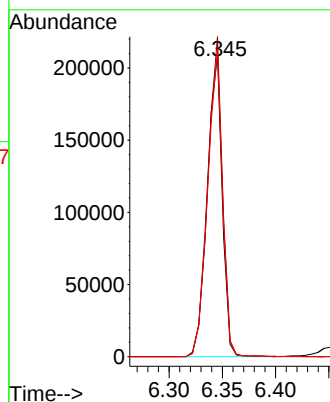
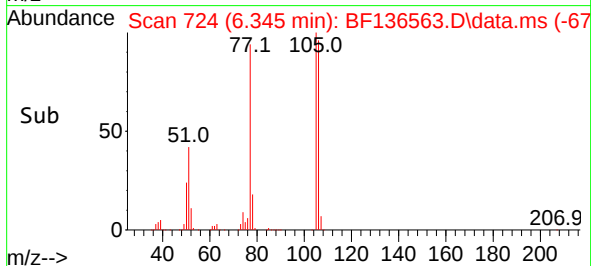


#9
Benzaldehyde
Concen: 37.074 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

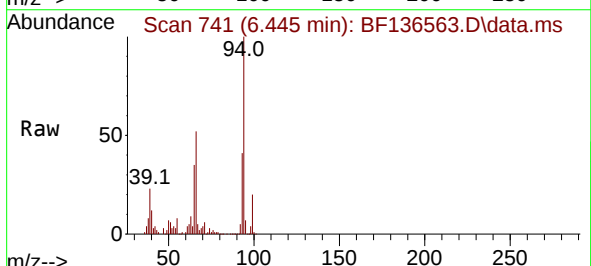
Instrument :
BNA_F
ClientSampleId :



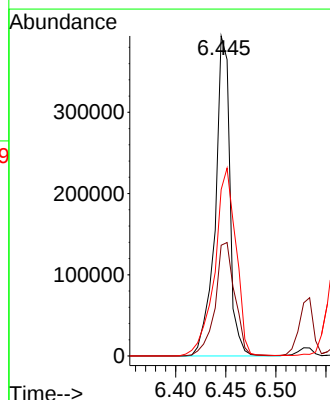
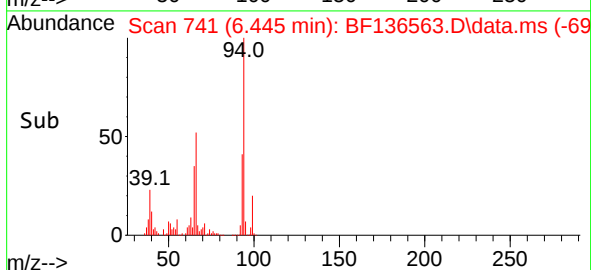
Tgt Ion: 77 Resp: 204195
Ion Ratio Lower Upper
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105 106.0 82.5 122.5
106 101.9 74.5 114.5

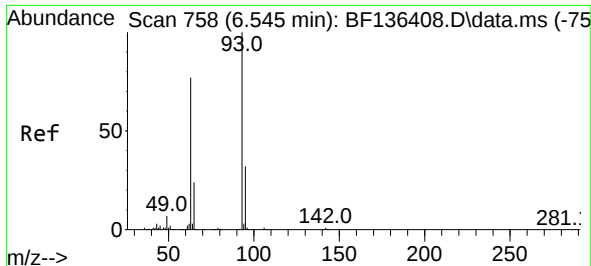


#10
Phenol
Concen: 35.380 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24



Tgt Ion: 94 Resp: 403383
Ion Ratio Lower Upper
94 100
65 34.6 11.2 51.2
66 52.0 24.2 64.2





#11

bis(2-Chloroethyl)ether

Concen: 34.944 ng

RT: 6.534 min Scan# 71

Delta R.T. -0.012 min

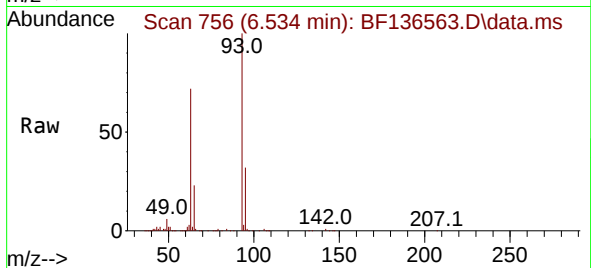
Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :



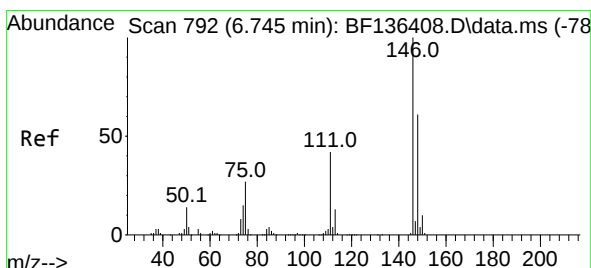
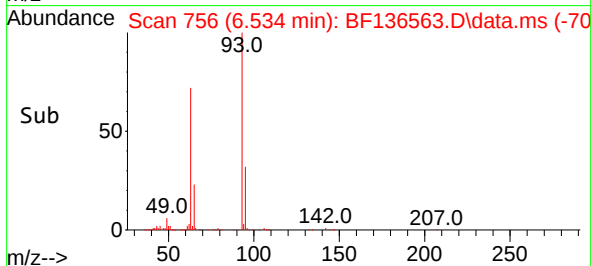
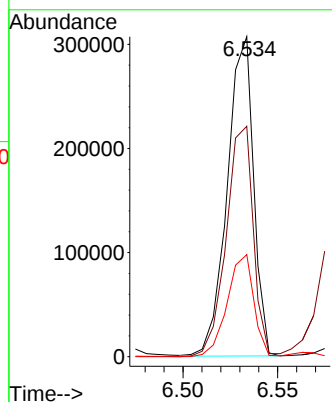
Tgt Ion: 93 Resp: 296972

Ion Ratio Lower Upper

93 100

63 72.0 56.8 96.8

95 31.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 32.466 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.018 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

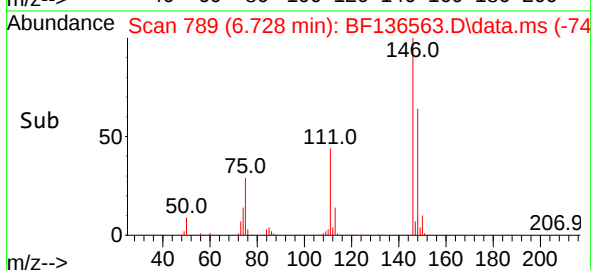
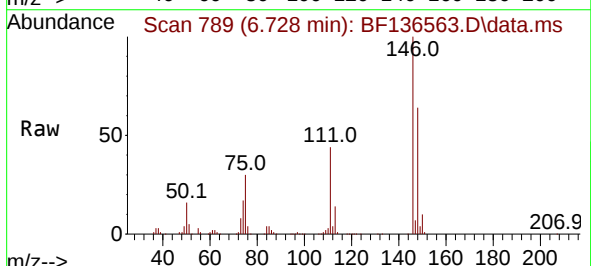
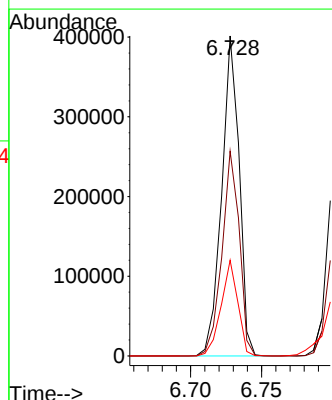
Tgt Ion: 146 Resp: 342308

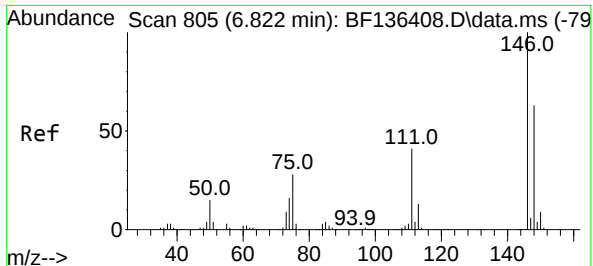
Ion Ratio Lower Upper

146 100

148 64.0 49.0 73.6

75 29.9 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 31.965 ng

RT: 6.804 min Scan# 805

Delta R.T. -0.018 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :

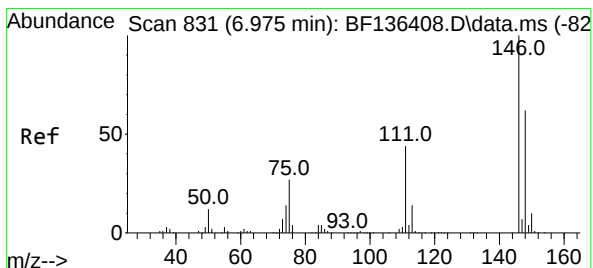
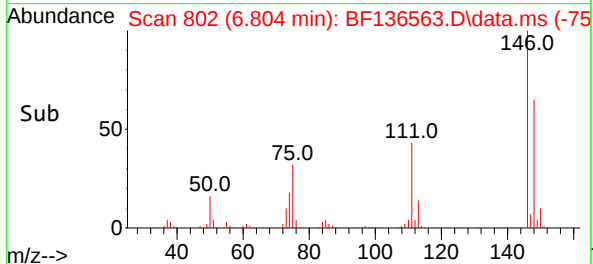
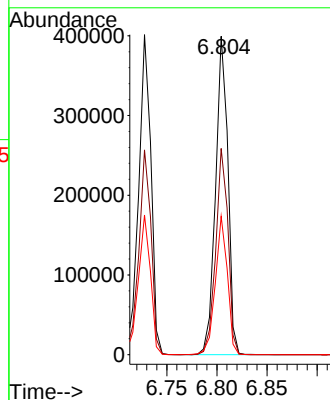
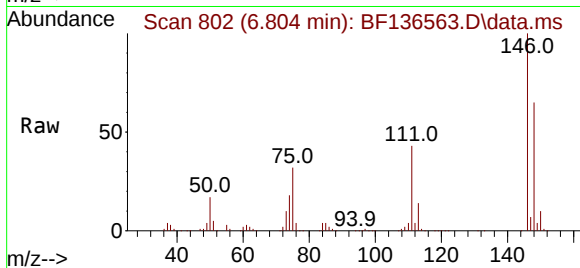
Tgt Ion:146 Resp: 341882

Ion Ratio Lower Upper

146 100

148 64.8 50.3 75.5

111 43.5 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 32.327 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.018 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

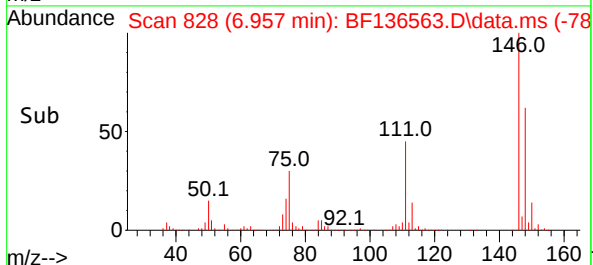
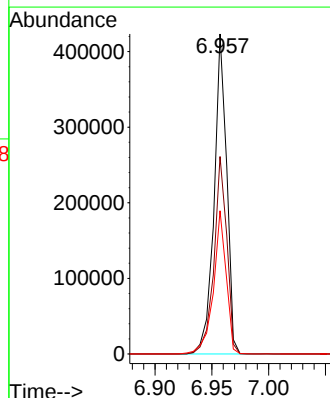
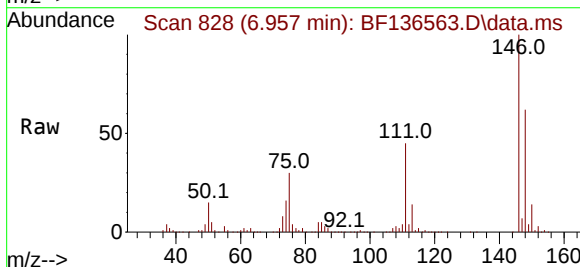
Tgt Ion:146 Resp: 325129

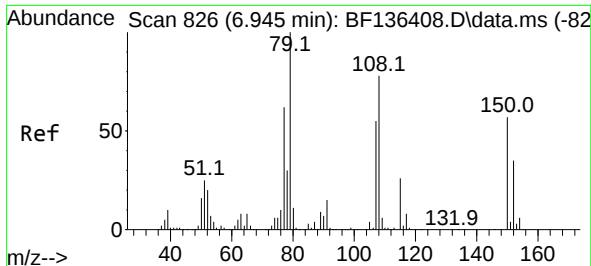
Ion Ratio Lower Upper

146 100

148 61.7 49.8 74.6

111 44.7 34.9 52.3

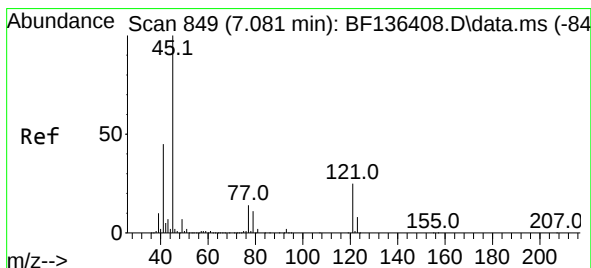
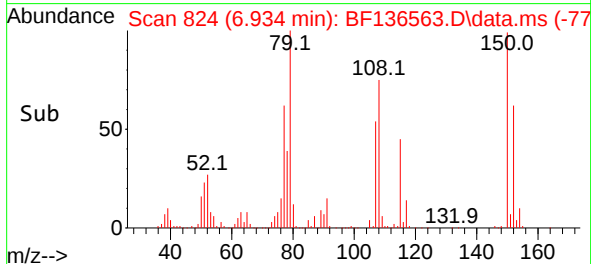
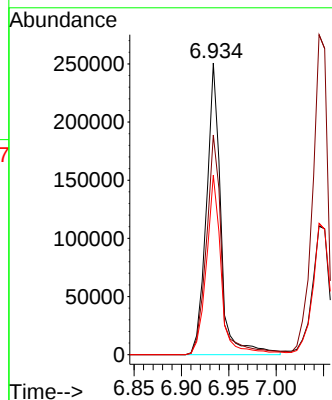
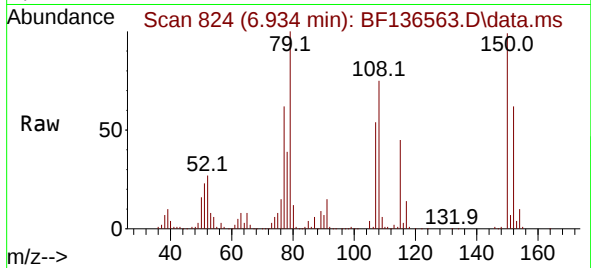




#15
Benzyl Alcohol
Concen: 36.822 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

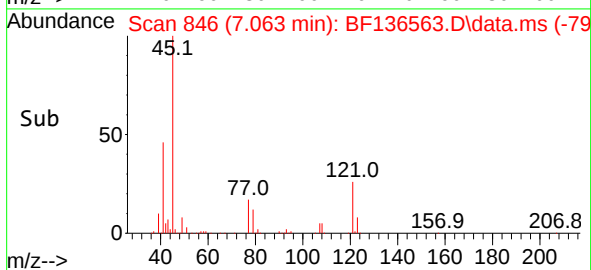
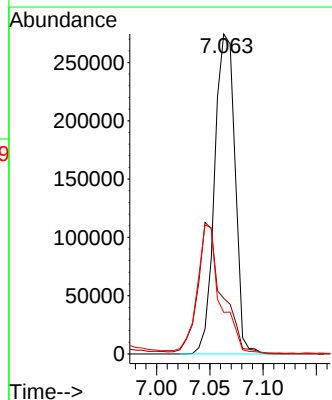
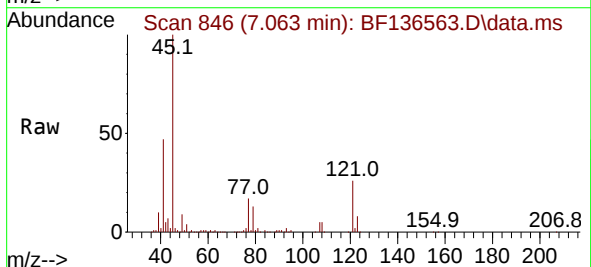
Instrument :
BNA_F
ClientSampleId :

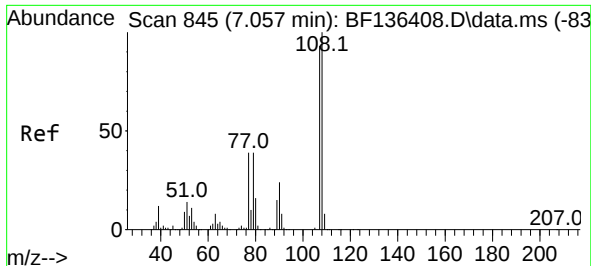
Tgt Ion: 79 Resp: 264197
Ion Ratio Lower Upper
79 100
108 75.3 62.3 93.5
77 61.5 49.8 74.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.266 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.018 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

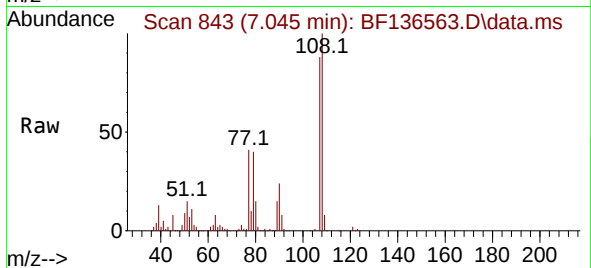
Tgt Ion: 45 Resp: 363602
Ion Ratio Lower Upper
45 100
77 17.4 0.0 35.3
79 13.0 0.0 32.5



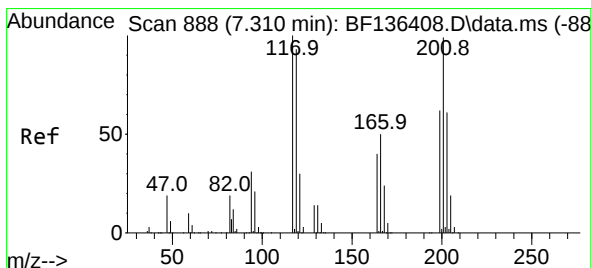
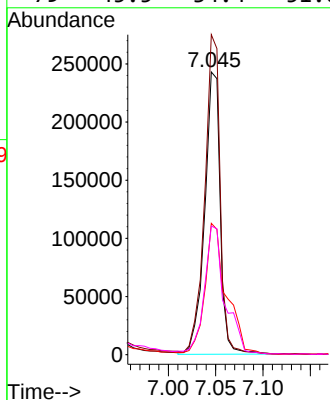
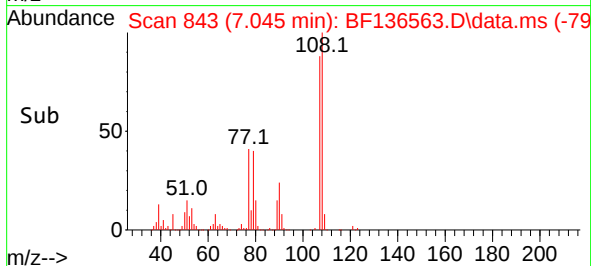


#17
2-Methylphenol
Concen: 36.767 ng
RT: 7.045 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Instrument :
BNA_F
ClientSampleId :

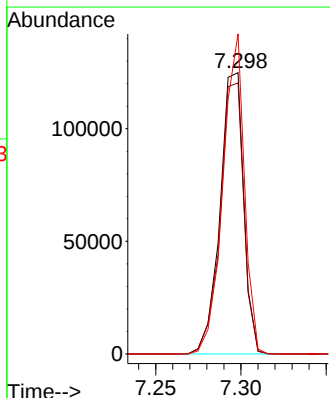
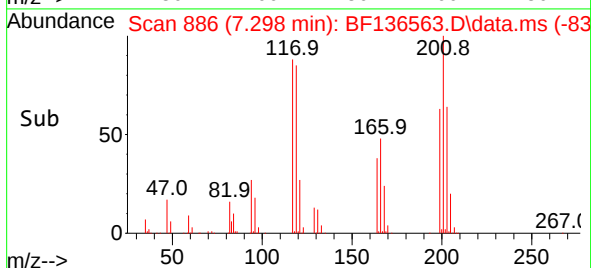
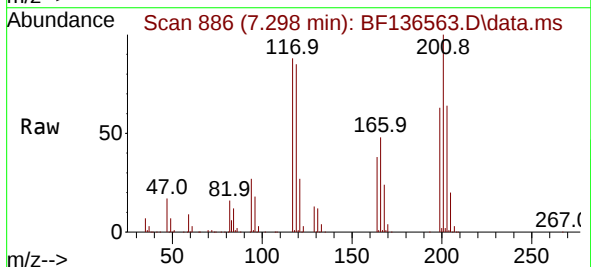


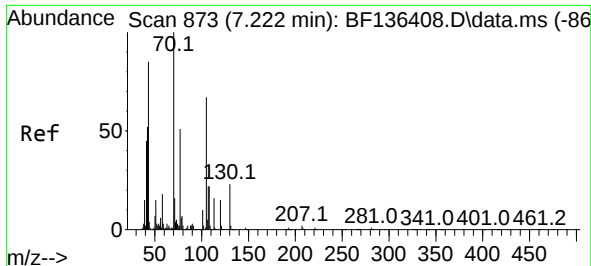
Tgt Ion:	107	Resp:	278487
Ion	Ratio	Lower	Upper
107	100		
108	113.2	86.5	129.7
77	46.4	33.8	50.8
79	45.5	34.4	51.6



#18
Hexachloroethane
Concen: 32.327 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

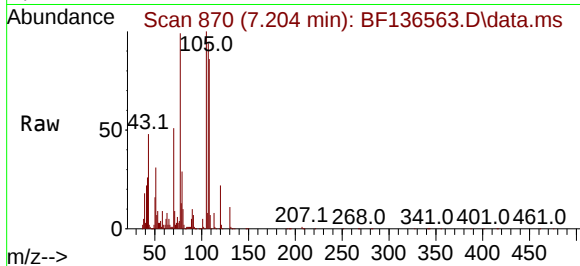
Tgt Ion:	117	Resp:	120715
Ion	Ratio	Lower	Upper
117	100		
119	96.3	74.3	111.5
201	113.8	79.3	118.9



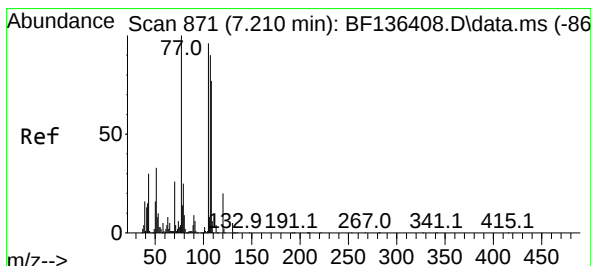
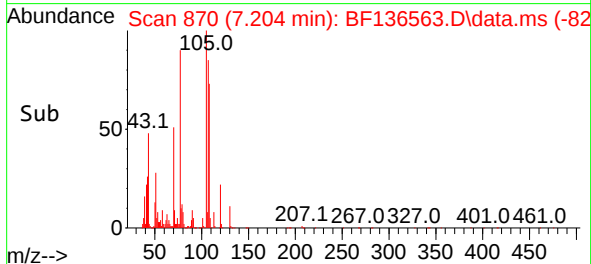
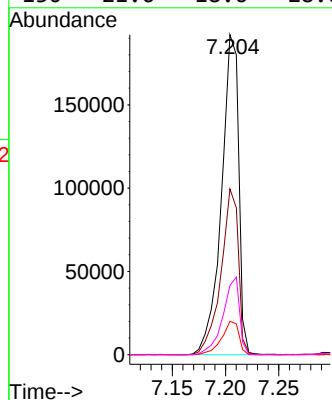


#19
n-Nitroso-di-n-propylamine
Concen: 34.910 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Instrument :
BNA_F
ClientSampleId :

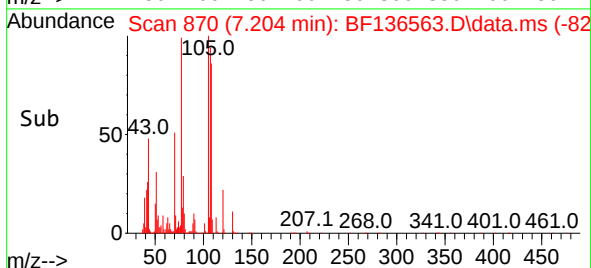
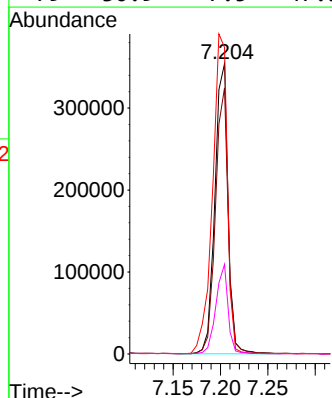
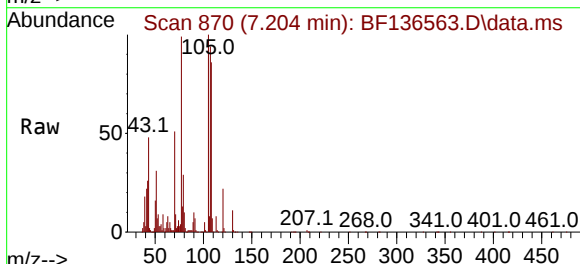


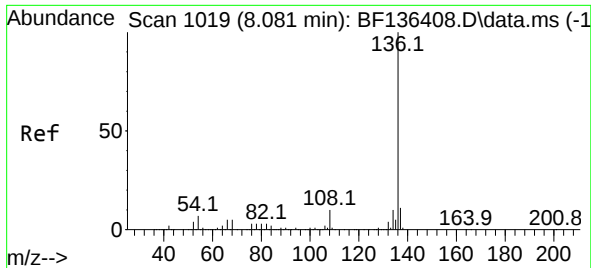
Tgt Ion: 70 Resp: 215774
Ion Ratio Lower Upper
70 100
42 51.8 41.4 62.0
101 10.5 8.2 12.4
130 21.6 18.6 28.0



#20
3+4-Methylphenols
Concen: 36.312 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

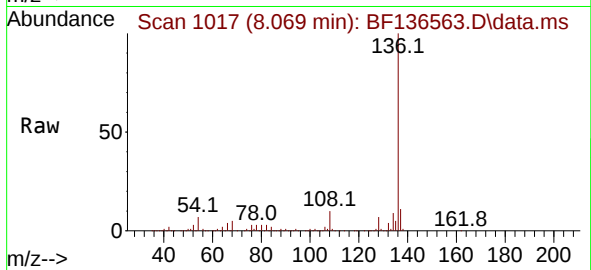
Tgt Ion: 107 Resp: 341390
Ion Ratio Lower Upper
107 100
108 91.7 65.9 105.9
77 105.6 91.7 131.7
79 30.9 7.5 47.5



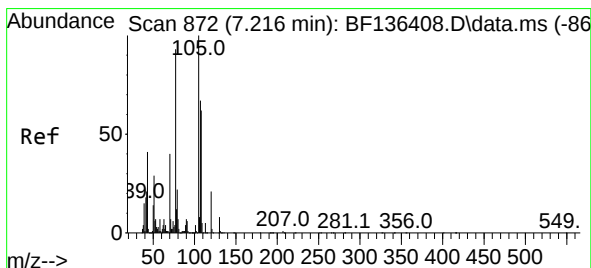
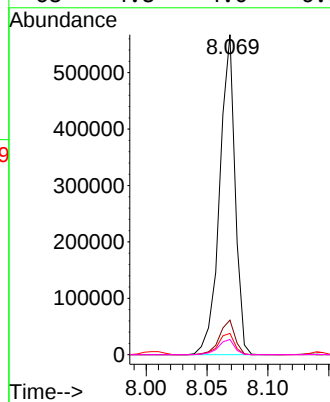
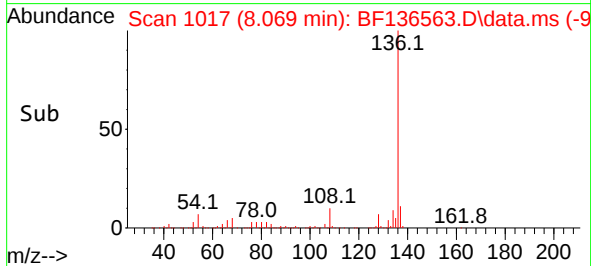


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

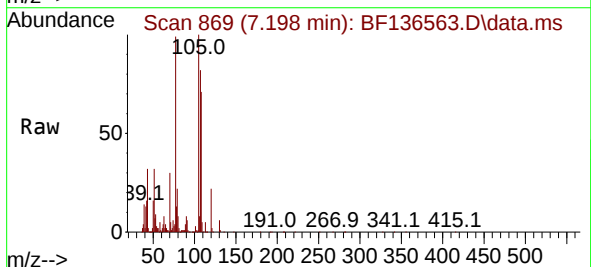
Instrument :
BNA_F
ClientSampleId :



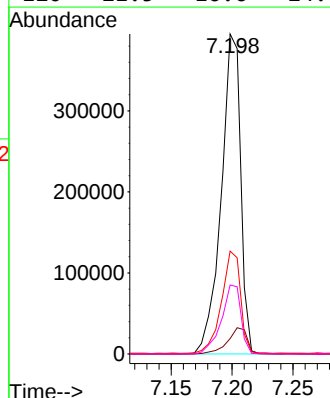
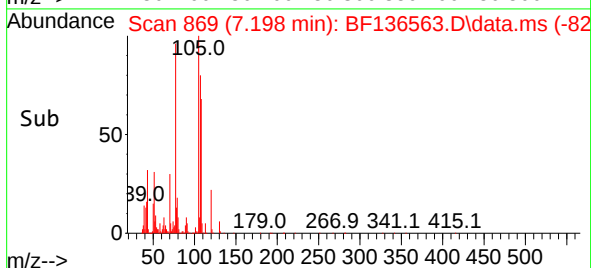
Tgt Ion:136 Resp: 501279
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.7 5.7 8.5
68 4.8 4.0 6.0

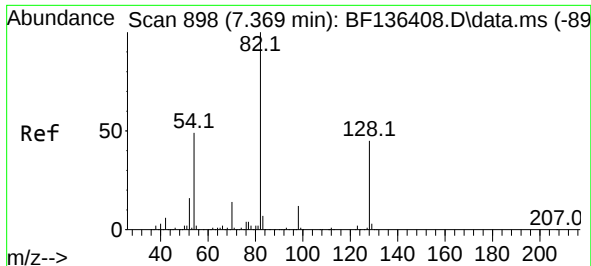


#22
Acetophenone
Concen: 35.451 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.018 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24



Tgt Ion:105 Resp: 438828
Ion Ratio Lower Upper
105 100
71 4.8 5.4 8.0#
51 32.1 23.4 35.2
120 21.5 16.6 24.8





#23

Nitrobenzene-d5

Concen: 73.578 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :

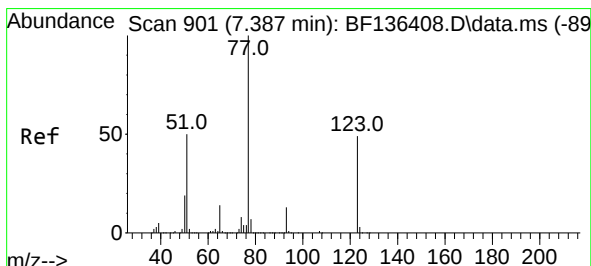
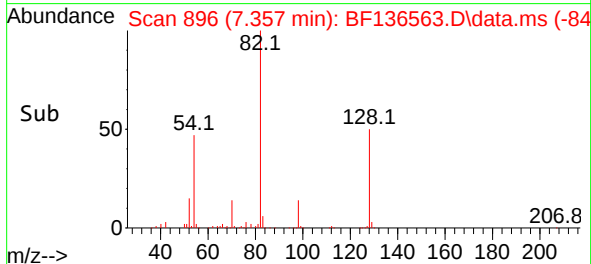
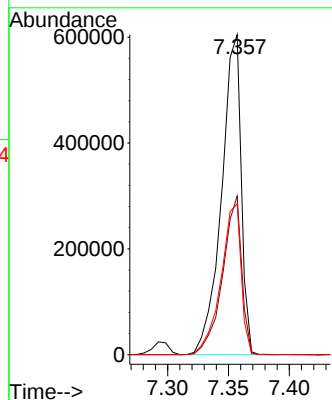
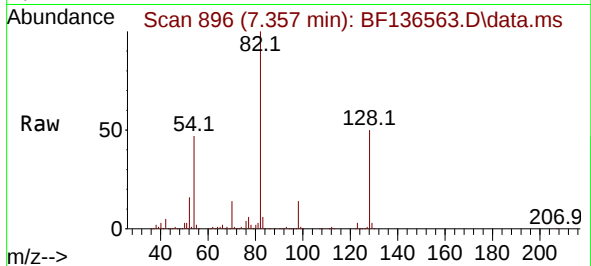
Tgt Ion: 82 Resp: 682257

Ion Ratio Lower Upper

82 100

128 49.6 36.3 54.5

54 47.1 39.0 58.6



#24

Nitrobenzene

Concen: 35.030 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

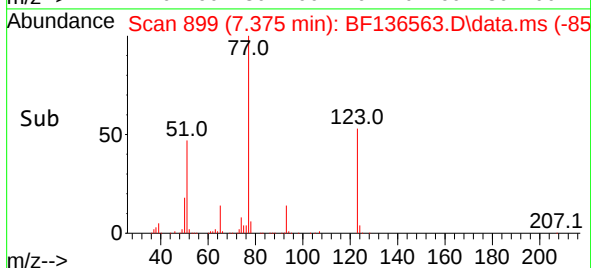
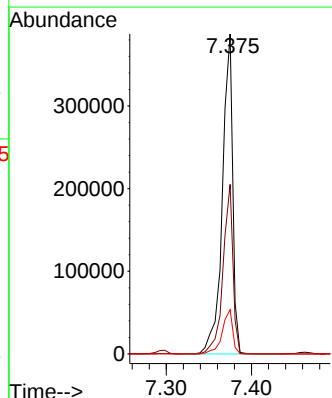
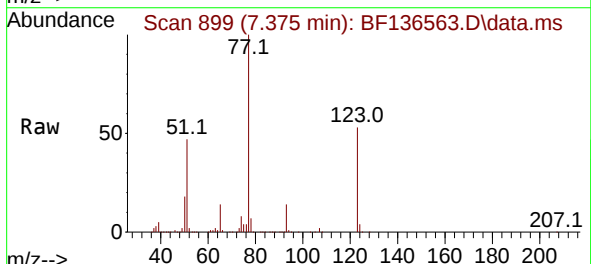
Tgt Ion: 77 Resp: 326757

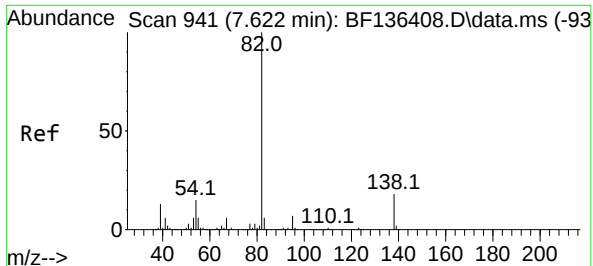
Ion Ratio Lower Upper

77 100

123 53.0 39.0 58.6

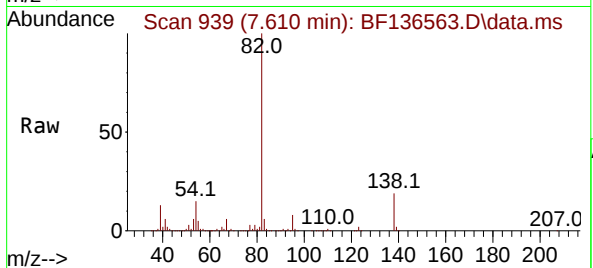
65 13.8 11.3 16.9



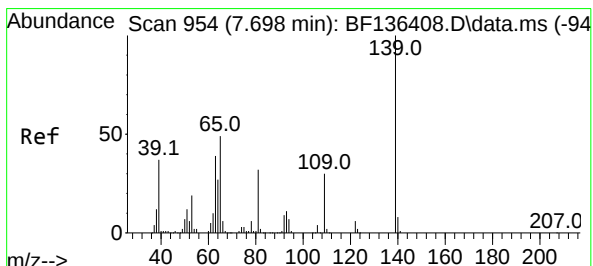
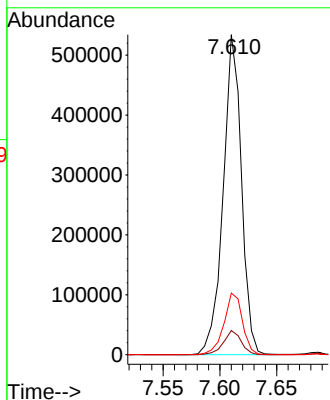
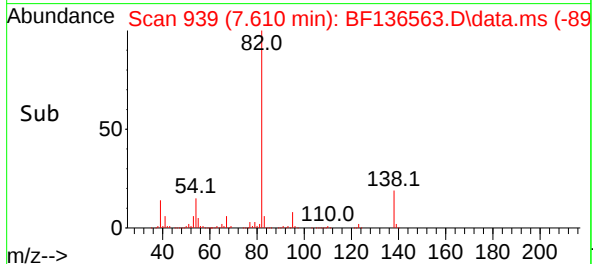


#25
Isophorone
Concen: 35.923 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Instrument :
BNA_F
ClientSampleId :

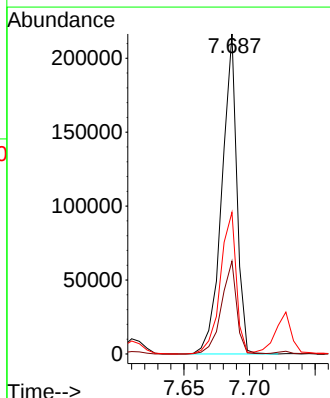
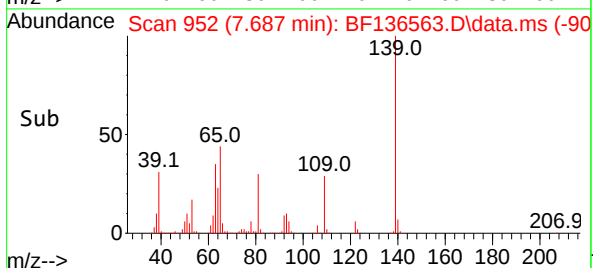
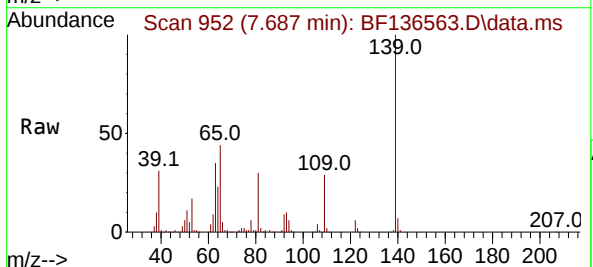


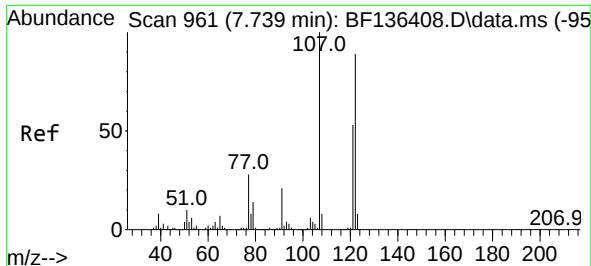
Tgt Ion: 82 Resp: 598447
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 19.2 14.5 21.7



#26
2-Nitrophenol
Concen: 37.587 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

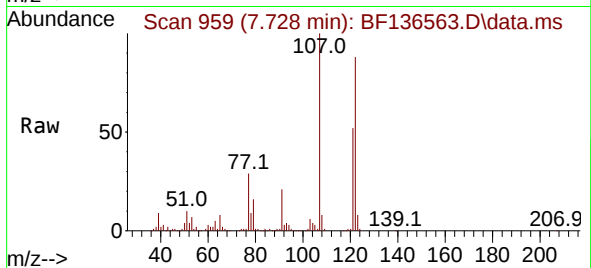
Tgt Ion:139 Resp: 172369
Ion Ratio Lower Upper
139 100
109 29.0 23.6 35.4
65 44.3 39.4 59.2



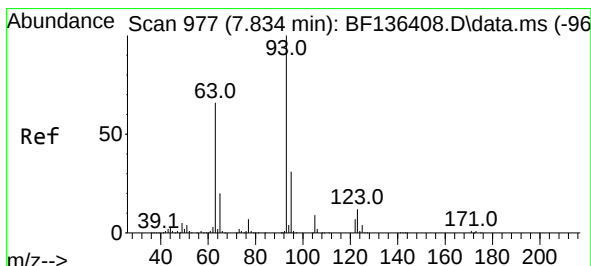
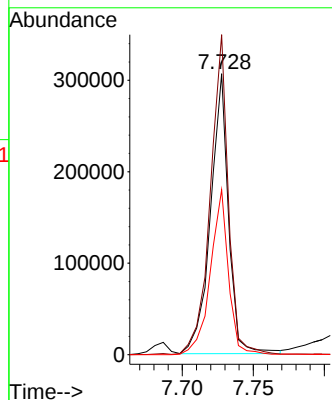
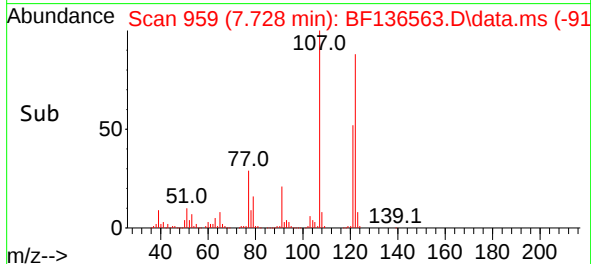


#27
2,4-Dimethylphenol
Concen: 47.732 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Instrument :
BNA_F
ClientSampleId :

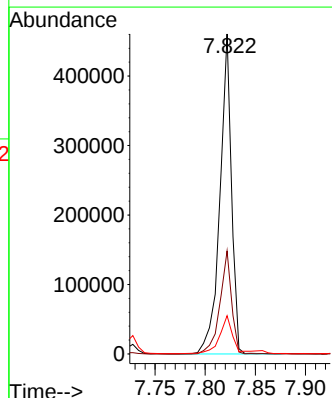
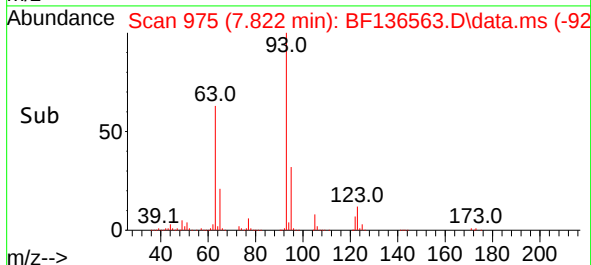
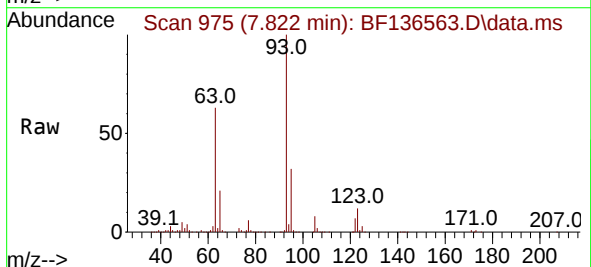


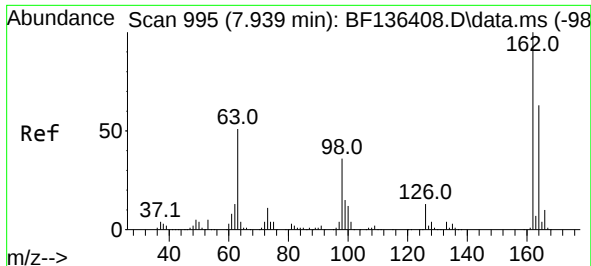
Tgt Ion:122 Resp: 269902
Ion Ratio Lower Upper
122 100
107 113.9 89.3 133.9
121 58.7 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 36.117 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Tgt Ion: 93 Resp: 369720
Ion Ratio Lower Upper
93 100
95 32.2 25.0 37.4
123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 36.766 ng

RT: 7.928 min Scan# 995

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :

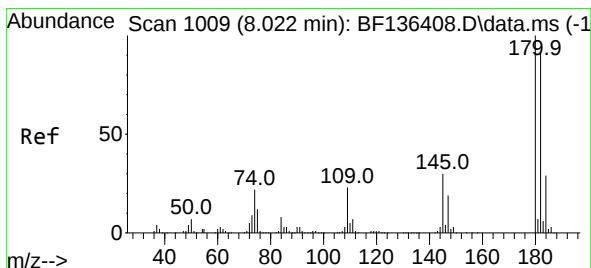
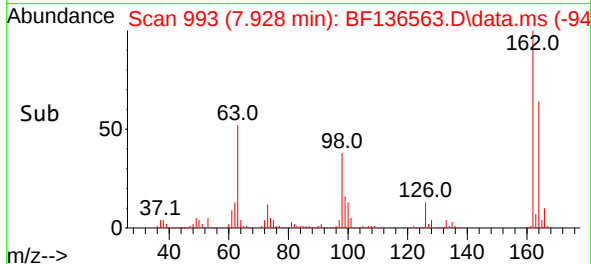
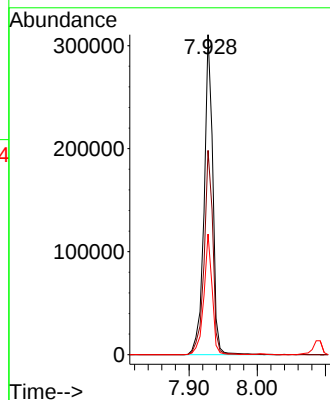
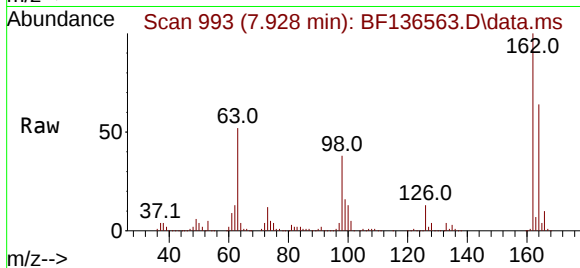
Tgt Ion:162 Resp: 274410

Ion Ratio Lower Upper

162 100

164 63.9 43.0 83.0

98 37.7 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 34.960 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

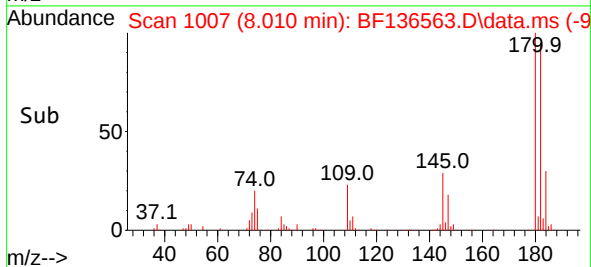
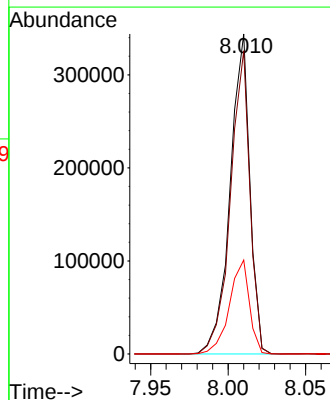
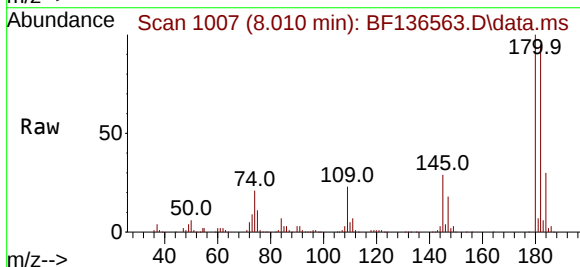
Tgt Ion:180 Resp: 304257

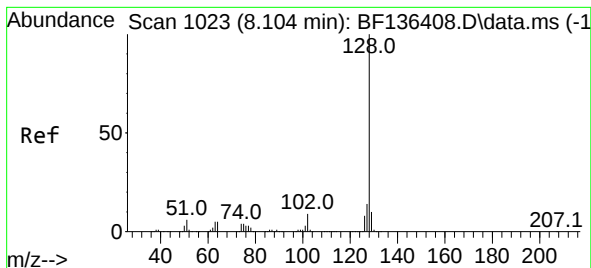
Ion Ratio Lower Upper

180 100

182 94.7 73.1 109.7

145 29.4 23.8 35.8





#31

Naphthalene

Concen: 35.066 ng

RT: 8.092 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :

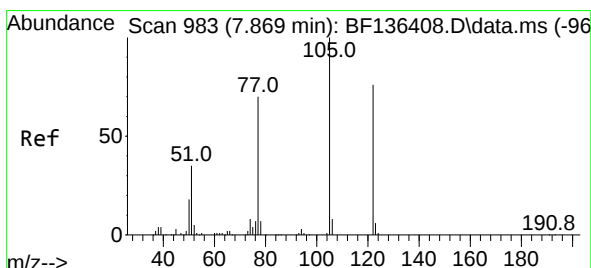
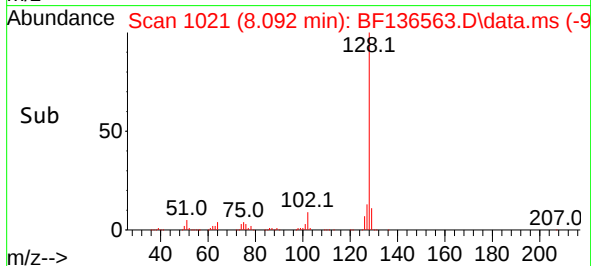
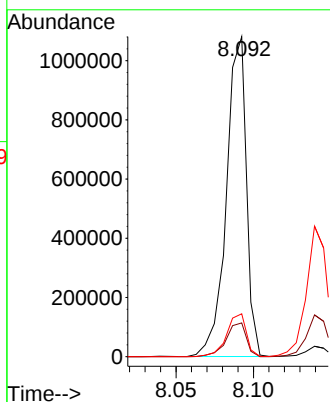
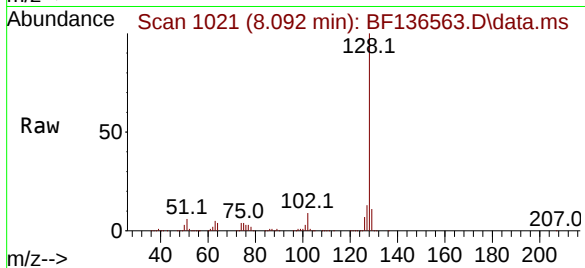
Tgt Ion:128 Resp: 969346

Ion Ratio Lower Upper

128 100

129 10.6 8.3 12.5

127 13.4 11.1 16.7



#32

Benzoic acid

Concen: 26.148 ng

RT: 7.857 min Scan# 981

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

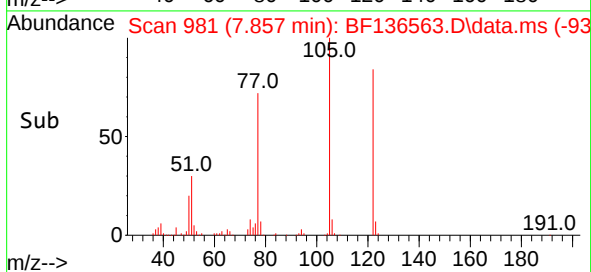
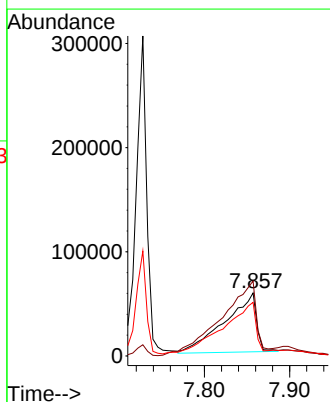
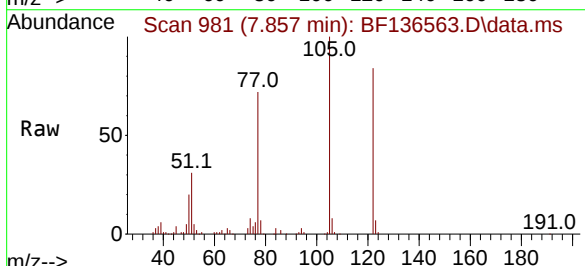
Tgt Ion:122 Resp: 146676

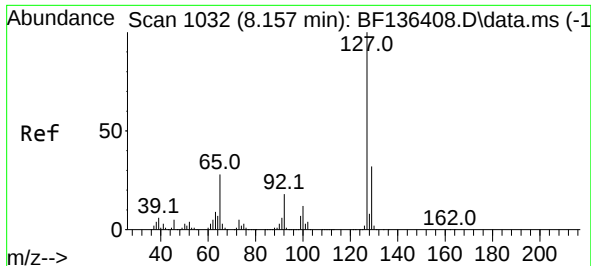
Ion Ratio Lower Upper

122 100

105 118.6 104.7 144.7

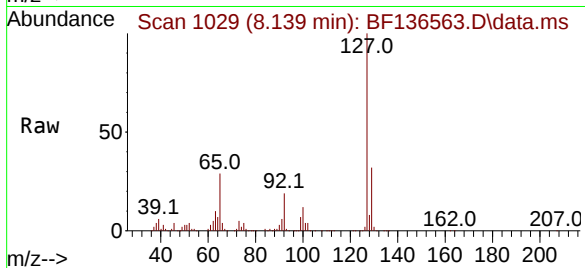
77 84.9 68.5 108.5



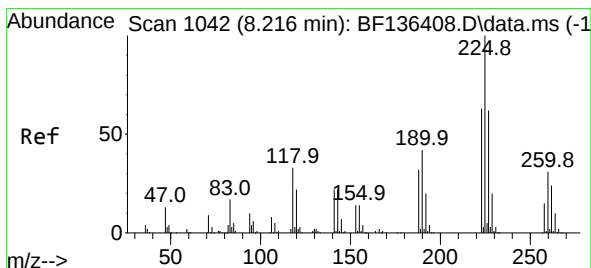
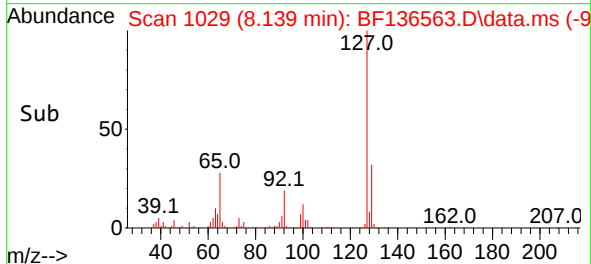
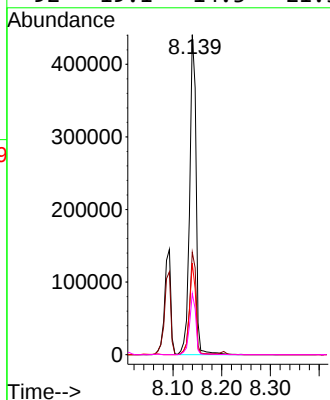


#33
4-Chloroaniline
Concen: 41.012 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Instrument :
BNA_F
ClientSampleId :

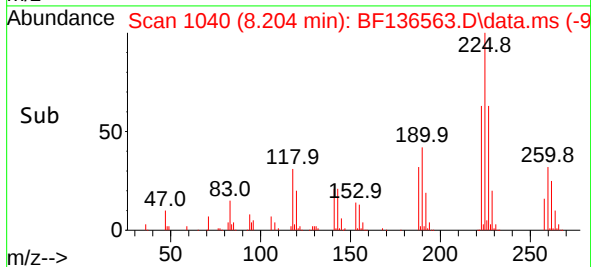
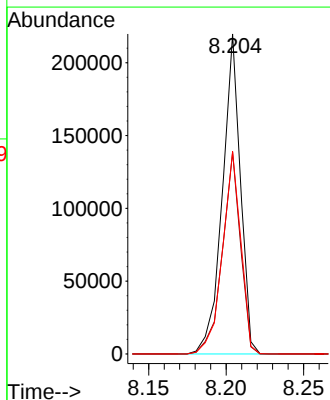
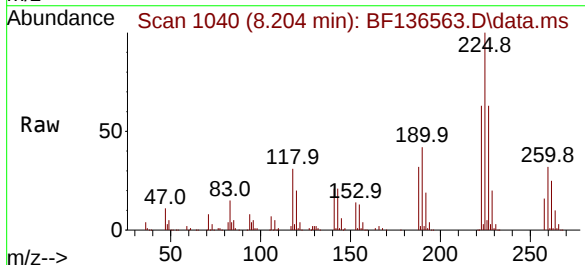


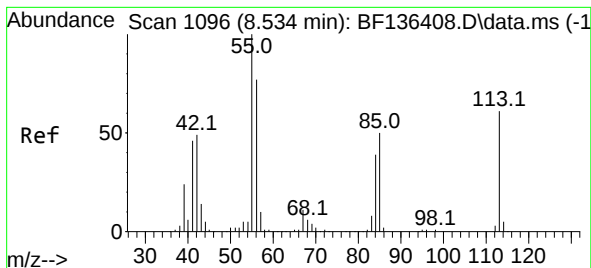
Tgt Ion:127	Resp: 404177		
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	28.6	22.5	33.7
92	19.1	14.3	21.5



#34
Hexachlorobutadiene
Concen: 34.433 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Tgt Ion:225	Resp: 177600
Ion Ratio	Lower Upper
225 100	
223 63.0	50.8 76.2
227 63.3	49.8 74.8





#35

Caprolactam

Concen: 37.207 ng

RT: 8.522 min Scan# 1109

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :

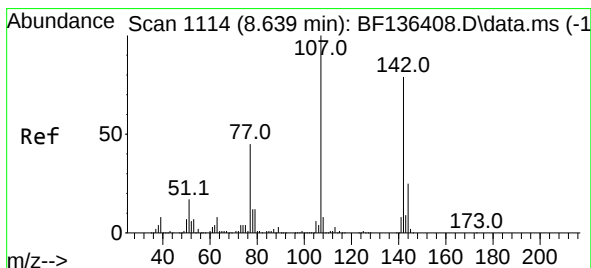
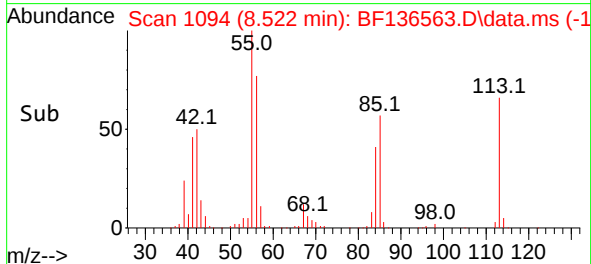
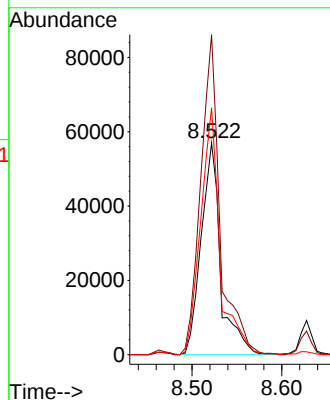
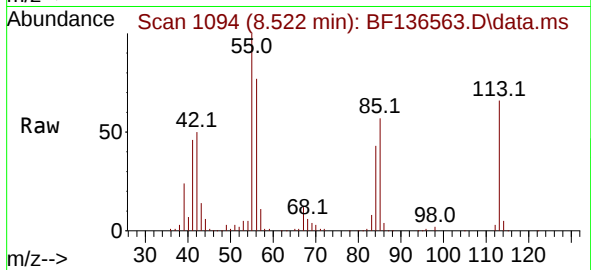
Tgt Ion:113 Resp: 85519

Ion Ratio Lower Upper

113 100

55 151.0 143.7 183.7

56 116.5 105.2 145.2



#36

4-Chloro-3-methylphenol

Concen: 36.430 ng

RT: 8.628 min Scan# 1112

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

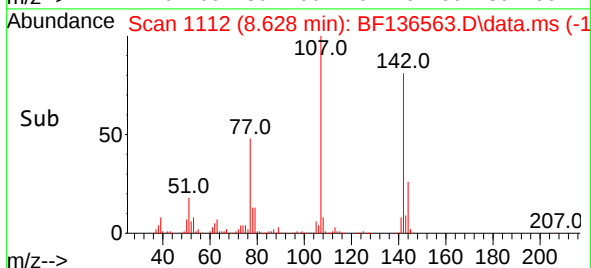
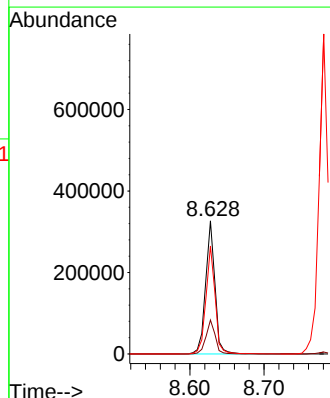
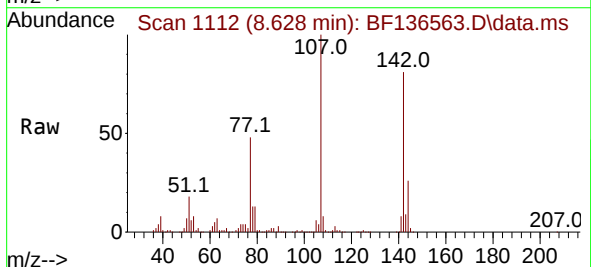
Tgt Ion:107 Resp: 288705

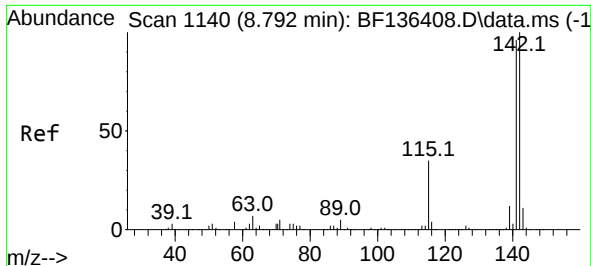
Ion Ratio Lower Upper

107 100

144 25.5 20.1 30.1

142 81.1 63.1 94.7





#37

2-Methylnaphthalene

Concen: 36.907 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

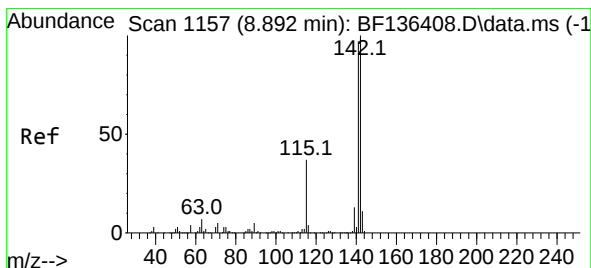
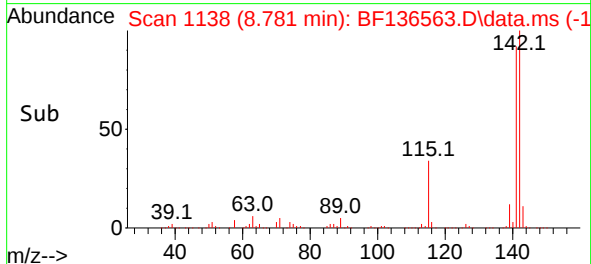
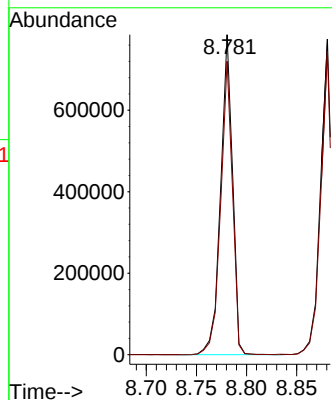
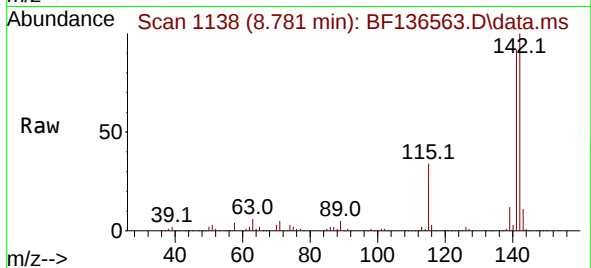
ClientSampleId :

Tgt Ion:142 Resp: 649074

Ion Ratio Lower Upper

142 100

141 91.7 76.4 114.6



#38

1-Methylnaphthalene

Concen: 35.349 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF136563.D

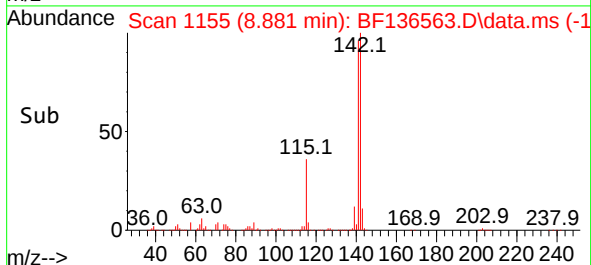
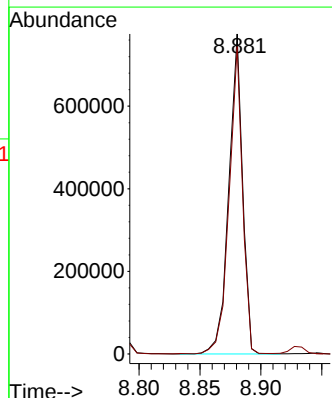
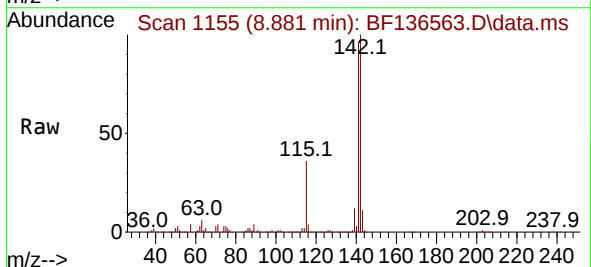
Acq: 14 Dec 2023 12:24

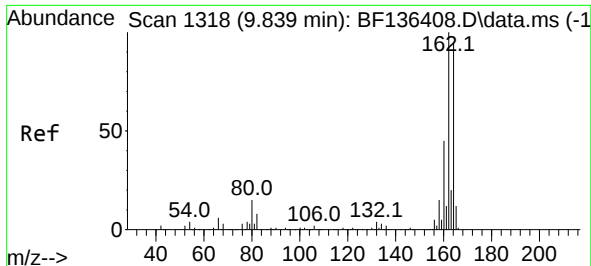
Tgt Ion:142 Resp: 610019

Ion Ratio Lower Upper

142 100

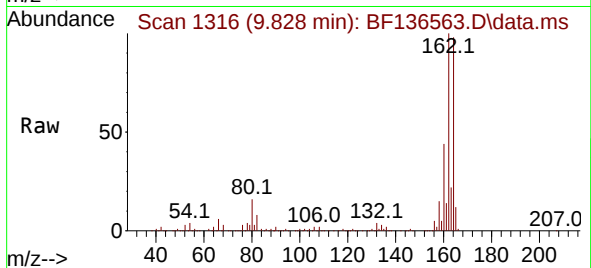
141 96.0 77.7 116.5



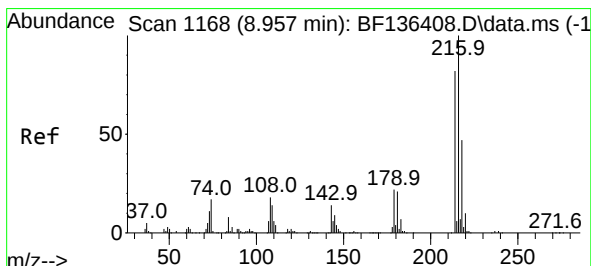
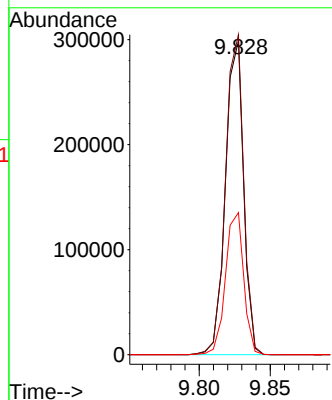
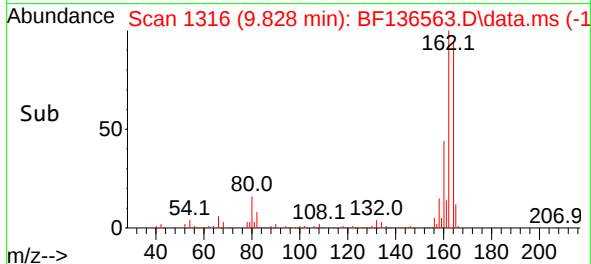


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

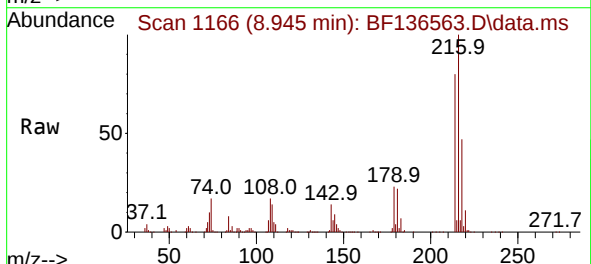
Instrument :
BNA_F
ClientSampleId :



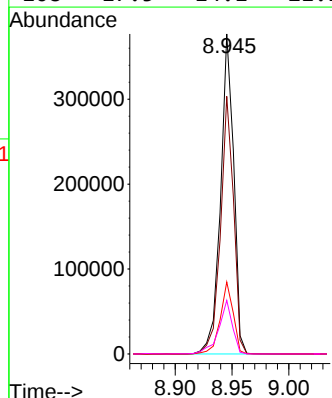
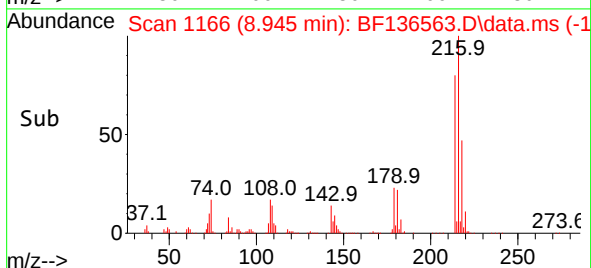
Tgt Ion:164 Resp: 264686
Ion Ratio Lower Upper
164 100
162 101.9 84.4 126.6
160 45.2 37.6 56.4

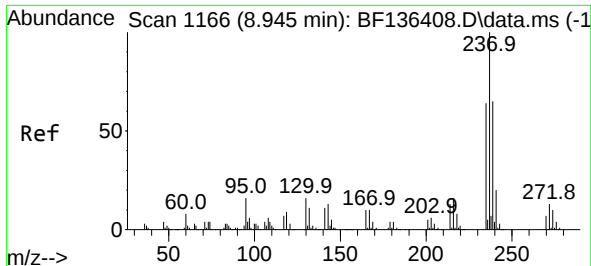


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.948 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24



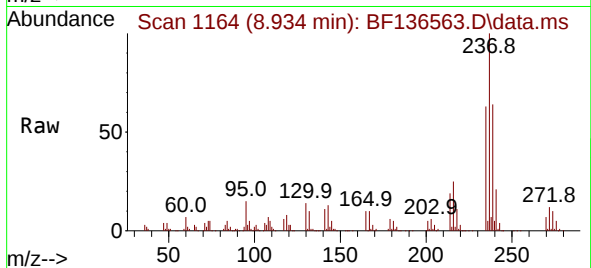
Tgt Ion:216 Resp: 304262
Ion Ratio Lower Upper
216 100
214 79.4 64.1 96.1
179 22.2 17.0 25.6
108 17.5 14.1 21.1



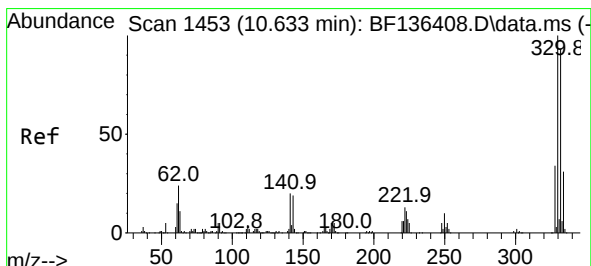
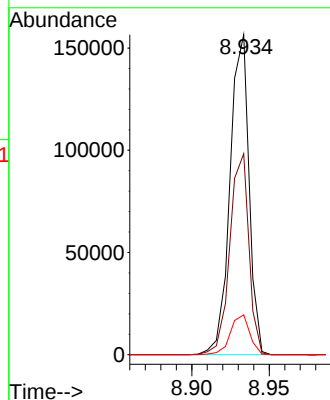
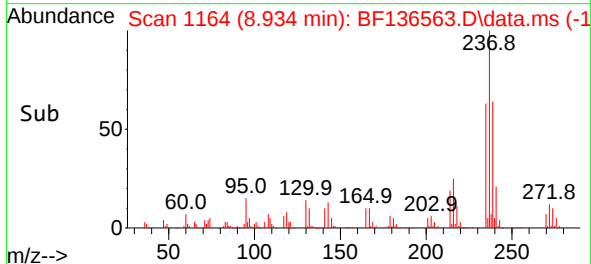


#41
Hexachlorocyclopentadiene
Concen: 43.792 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

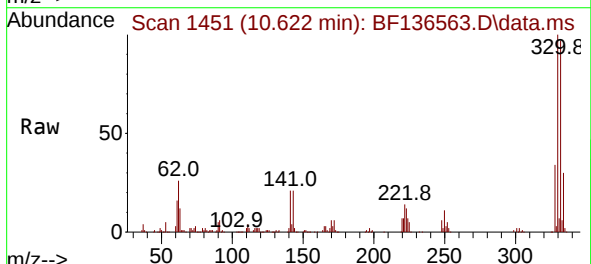
Instrument :
BNA_F
ClientSampleId :



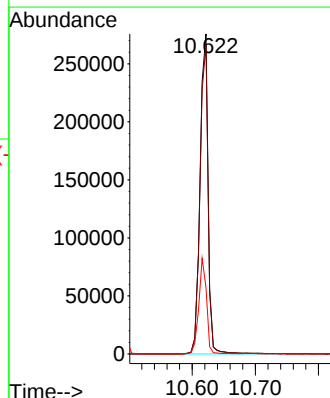
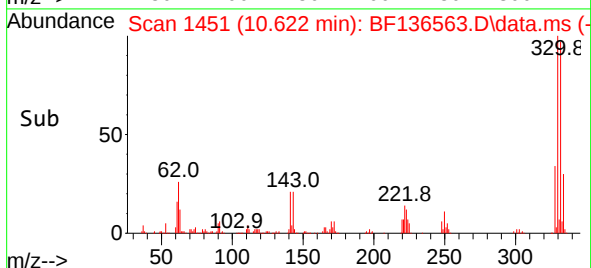
Tgt Ion:237 Resp: 133600
Ion Ratio Lower Upper
237 100
235 62.8 44.1 84.1
272 12.5 0.0 33.3

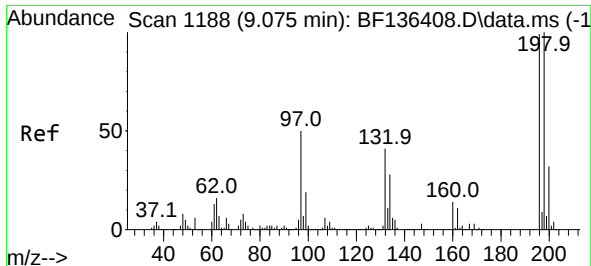


#42
2,4,6-Tribromophenol
Concen: 74.712 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24



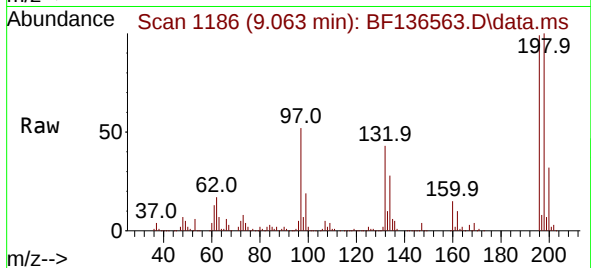
Tgt Ion:330 Resp: 243829
Ion Ratio Lower Upper
330 100
332 96.2 76.4 114.6
141 28.7 23.4 35.2



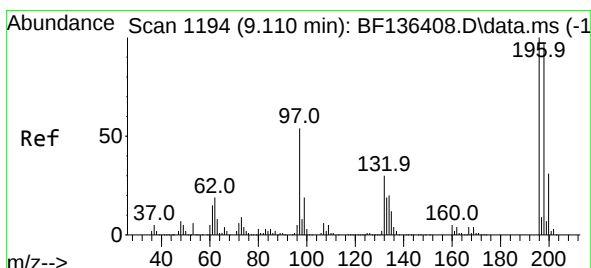
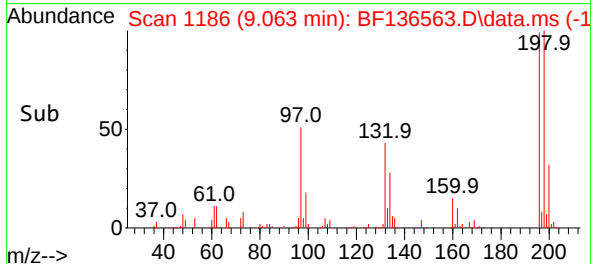
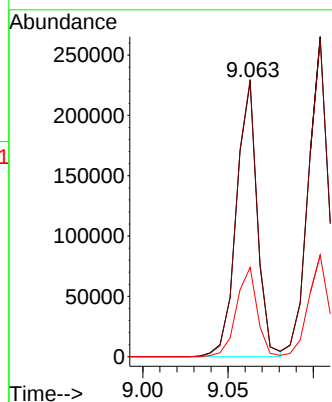


#43
2,4,6-Trichlorophenol
Concen: 36.069 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Instrument :
BNA_F
ClientSampleId :

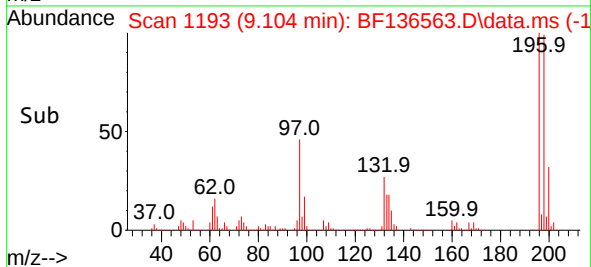
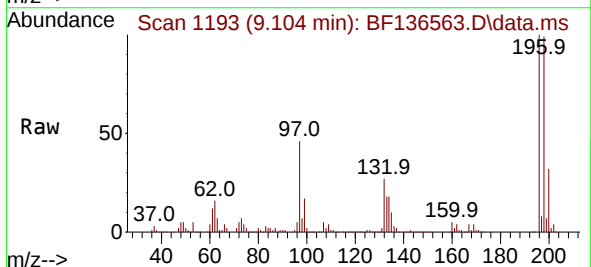
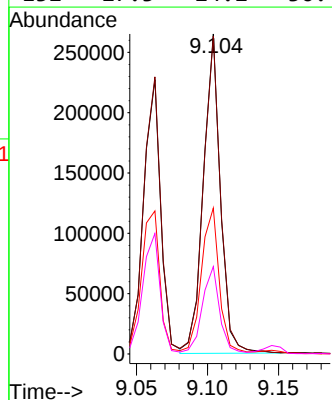


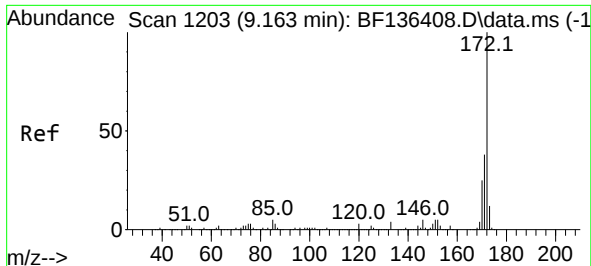
Tgt Ion:196 Resp: 193399
Ion Ratio Lower Upper
196 100
198 101.0 80.4 120.6
200 32.6 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 37.128 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Tgt Ion:196 Resp: 222187
Ion Ratio Lower Upper
196 100
198 99.3 78.1 117.1
97 45.6 43.4 65.2
132 27.3 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 73.420 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :

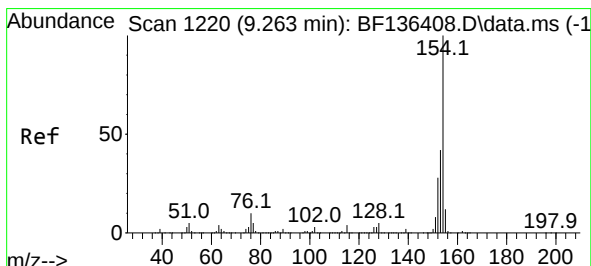
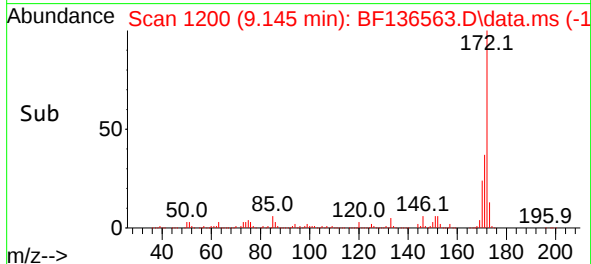
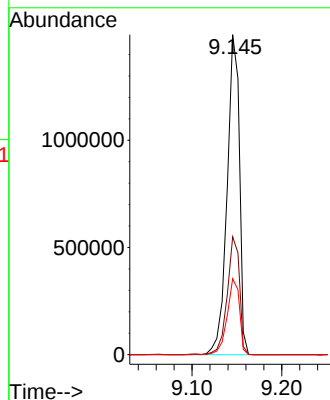
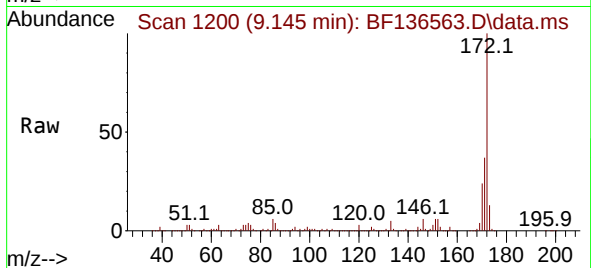
Tgt Ion:172 Resp: 1424197

Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

170 23.8 19.9 29.9



#46

1,1'-Biphenyl

Concen: 35.825 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.018 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

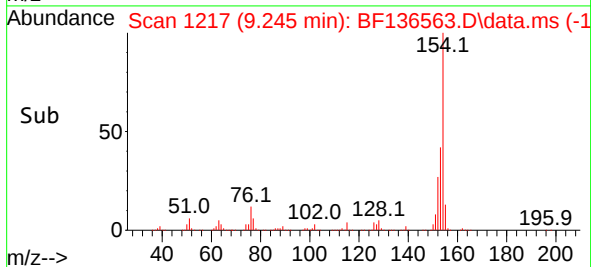
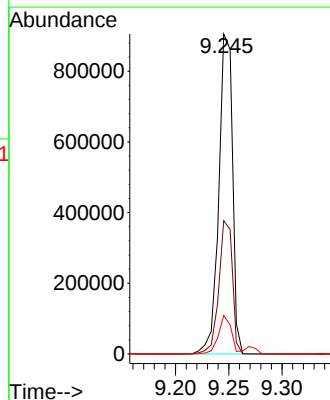
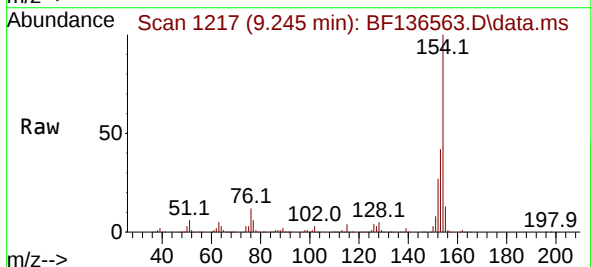
Tgt Ion:154 Resp: 806846

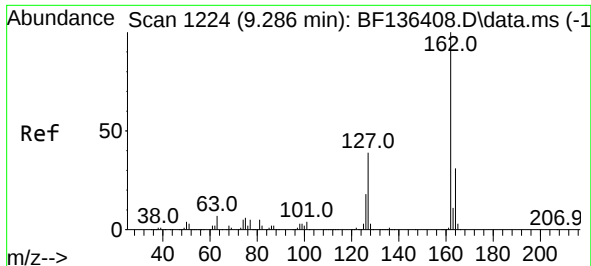
Ion Ratio Lower Upper

154 100

153 41.7 22.5 62.5

76 12.0 0.0 29.9

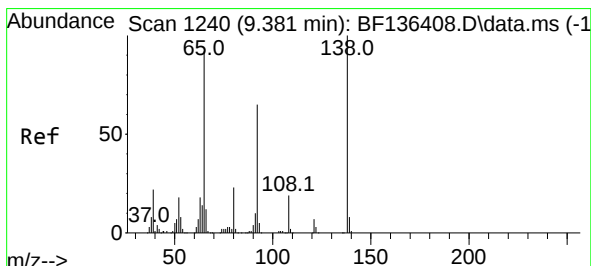
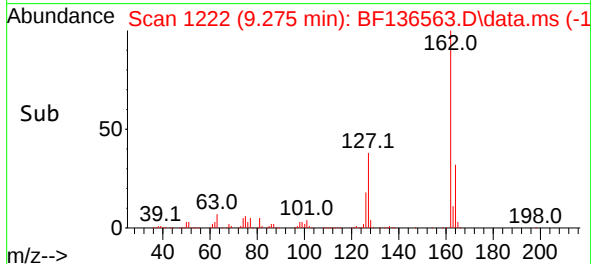
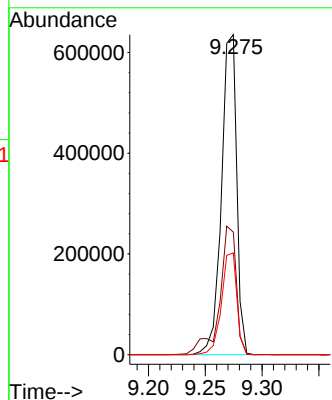
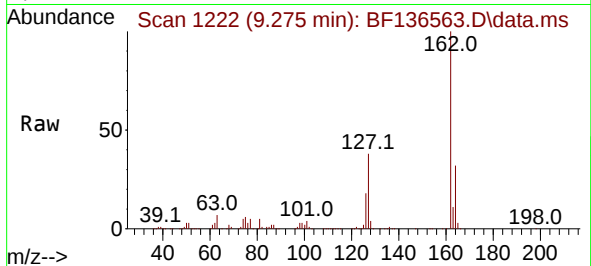




#47
2-Chloronaphthalene
Concen: 33.941 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

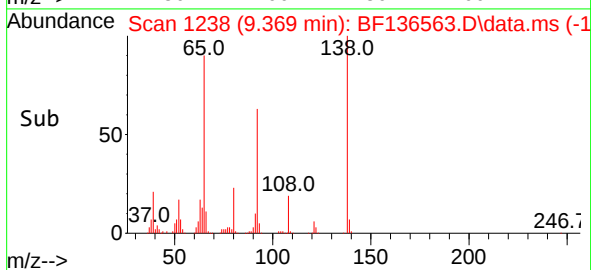
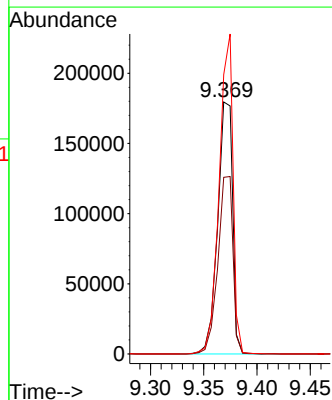
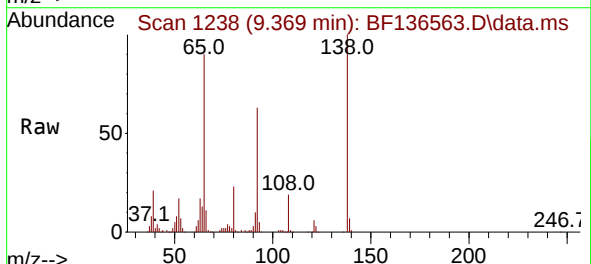
Instrument :
BNA_F
ClientSampleId :

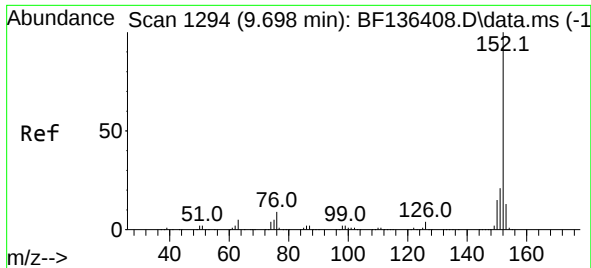
Tgt Ion:162 Resp: 594963
Ion Ratio Lower Upper
162 100
127 38.3 31.1 46.7
164 31.8 24.6 37.0



#48
2-Nitroaniline
Concen: 37.028 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Tgt Ion: 65 Resp: 174084
Ion Ratio Lower Upper
65 100
92 70.1 56.1 84.1
138 110.8 86.7 130.1





#49

Acenaphthylene

Concen: 36.506 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :

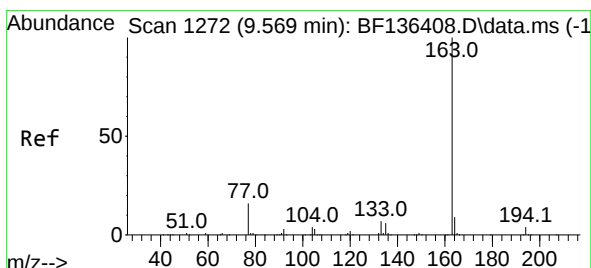
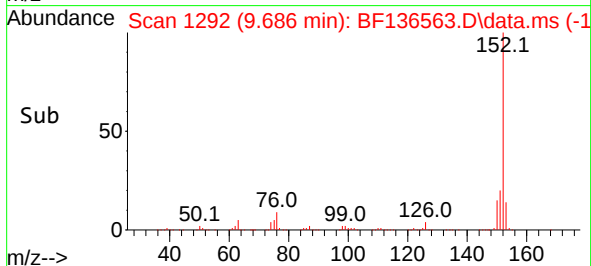
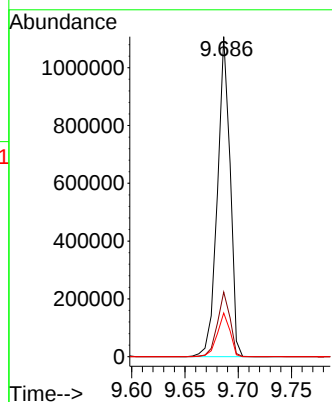
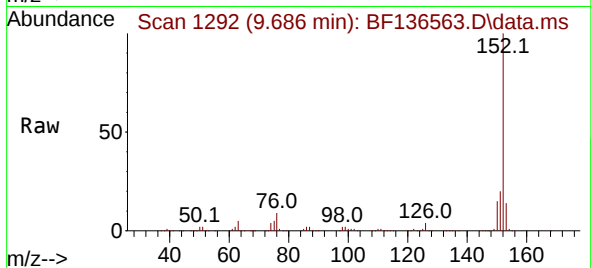
Tgt Ion:152 Resp: 911598

Ion Ratio Lower Upper

152 100

151 20.2 17.2 25.8

153 13.7 10.6 15.8



#50

Dimethylphthalate

Concen: 36.895 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.018 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

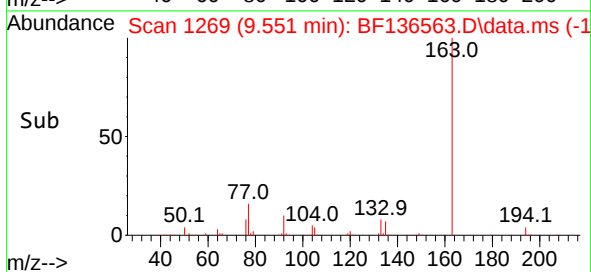
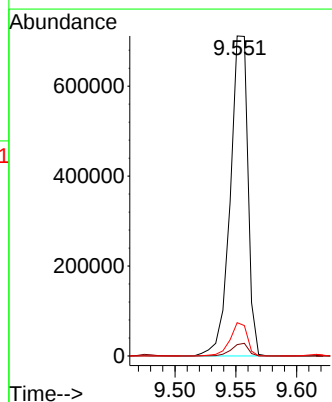
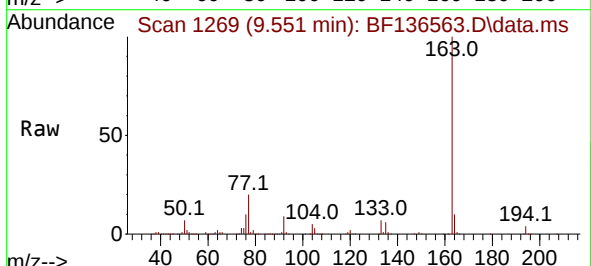
Tgt Ion:163 Resp: 718972

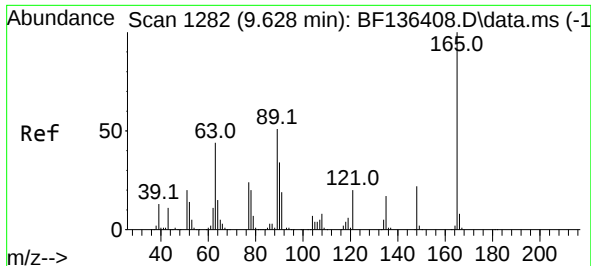
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

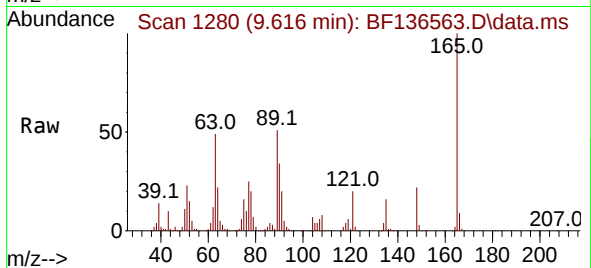
164 10.4 7.4 11.2



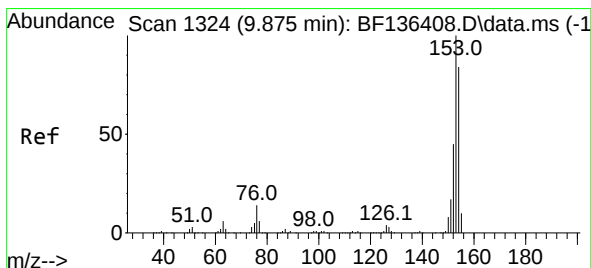
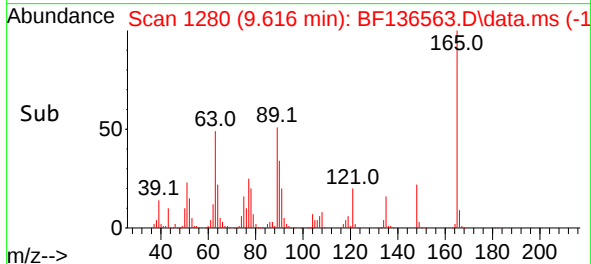
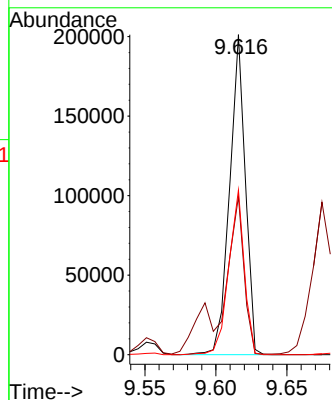


#51
2,6-Dinitrotoluene
Concen: 35.415 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Instrument :
BNA_F
ClientSampleId :

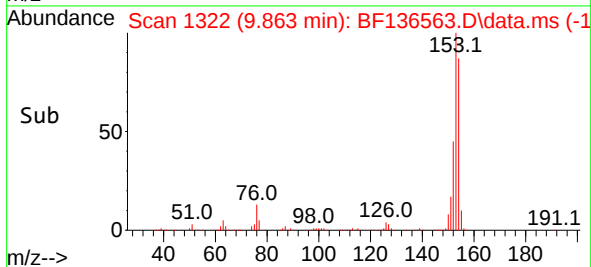
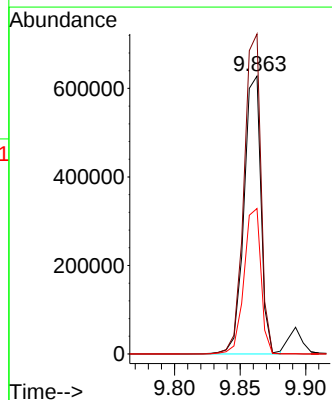
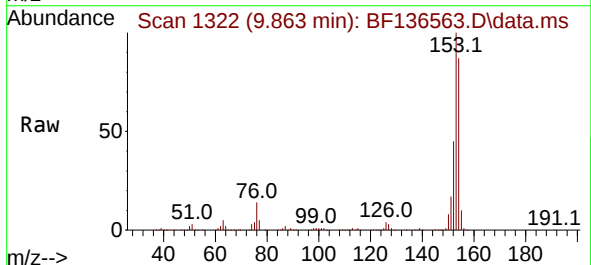


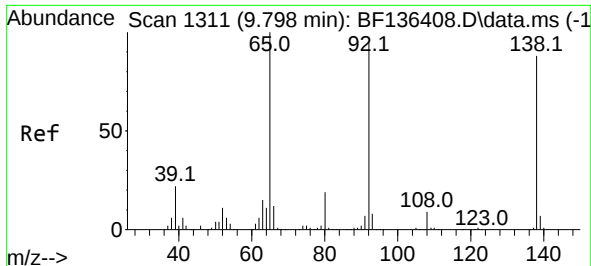
Tgt Ion:165 Resp: 155262
Ion Ratio Lower Upper
165 100
63 49.5 40.4 60.6
89 51.4 40.6 60.8



#52
Acenaphthene
Concen: 35.536 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Tgt Ion:154 Resp: 568639
Ion Ratio Lower Upper
154 100
153 115.2 95.3 142.9
152 52.3 43.2 64.8





#53

3-Nitroaniline

Concen: 37.135 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :

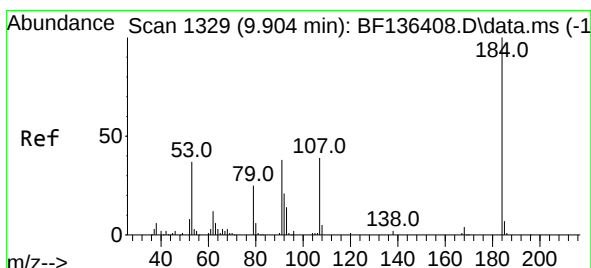
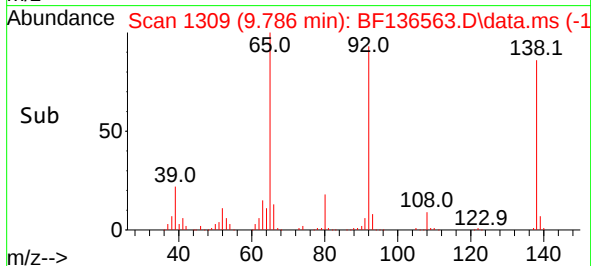
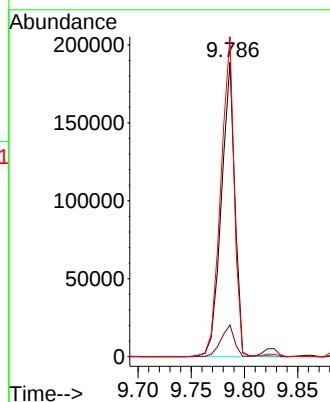
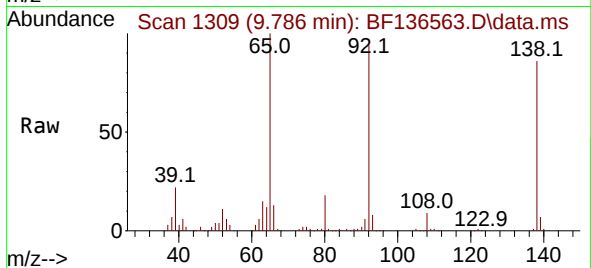
Tgt Ion:138 Resp: 166246

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

92 108.7 86.1 129.1



#54

2,4-Dinitrophenol

Concen: 33.252 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

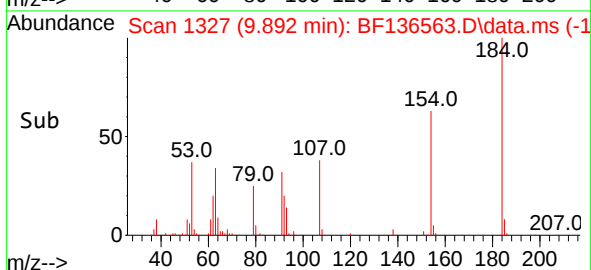
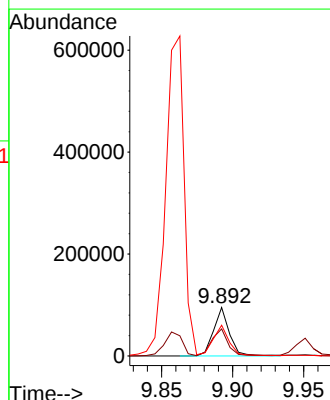
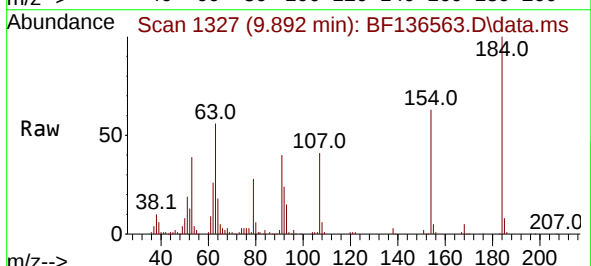
Tgt Ion:184 Resp: 73706

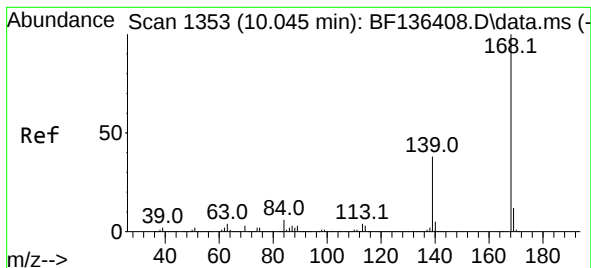
Ion Ratio Lower Upper

184 100

63 55.7 39.1 58.7

154 63.3 49.9 74.9





#55

Dibenzenofuran

Concen: 35.987 ng

RT: 10.033 min Scan# 1351

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :

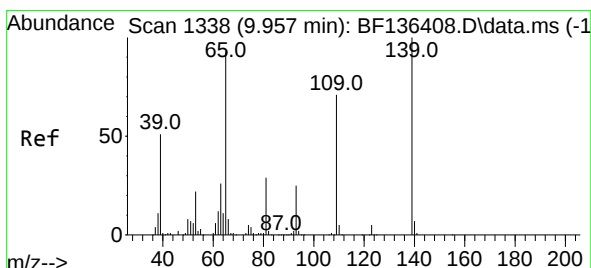
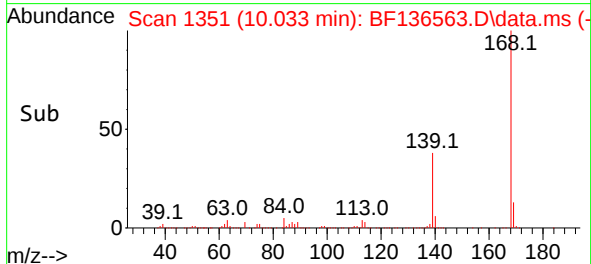
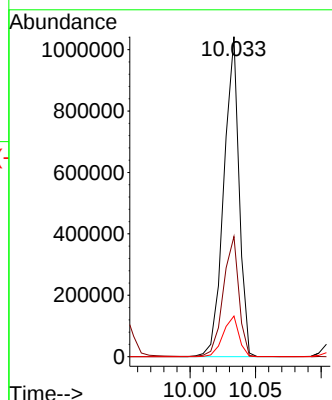
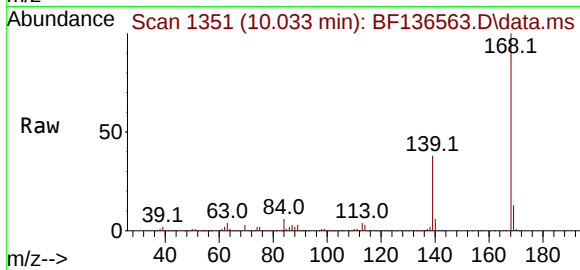
Tgt Ion:168 Resp: 841258

Ion Ratio Lower Upper

168 100

139 37.6 30.4 45.6

169 12.7 9.9 14.9



#56

4-Nitrophenol

Concen: 34.532 ng

RT: 9.951 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

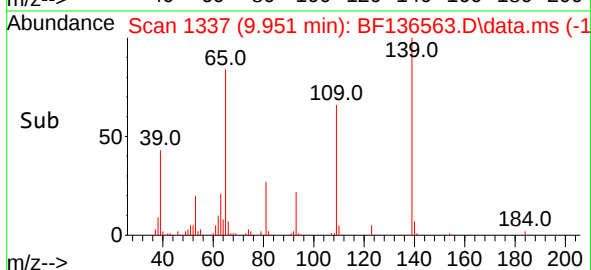
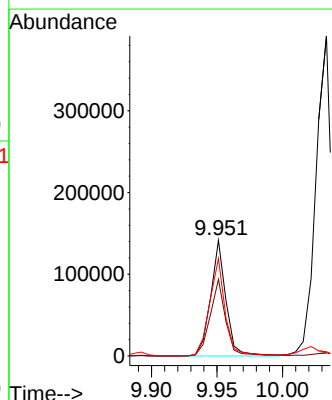
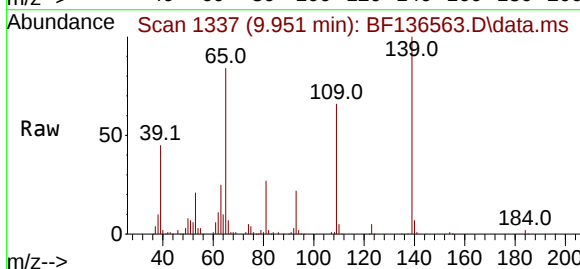
Tgt Ion:139 Resp: 115890

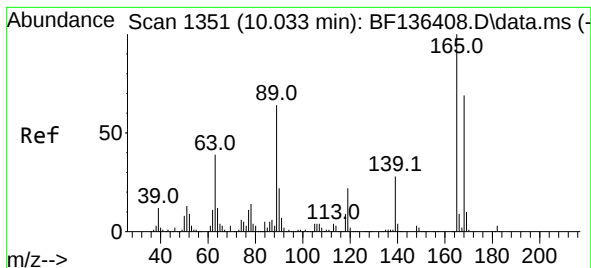
Ion Ratio Lower Upper

139 100

109 66.2 50.6 90.6

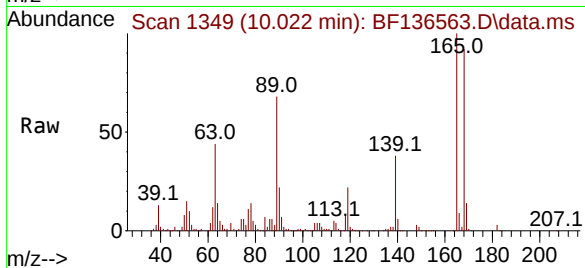
65 84.3 73.1 113.1



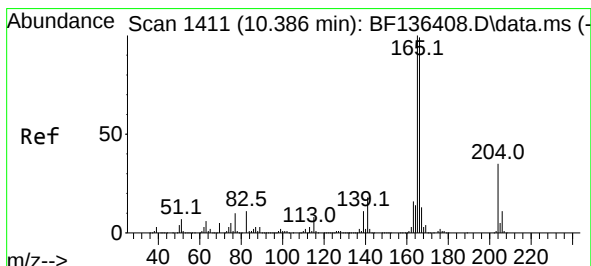
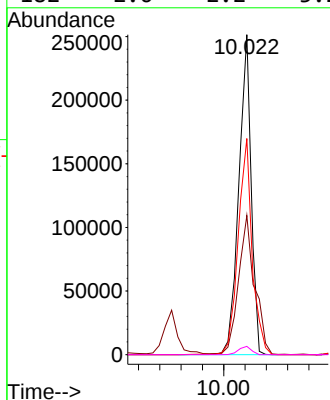
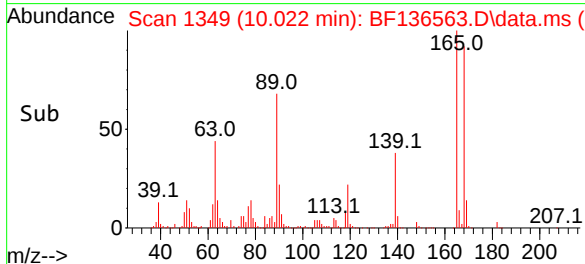


#57
2,4-Dinitrotoluene
Concen: 35.011 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

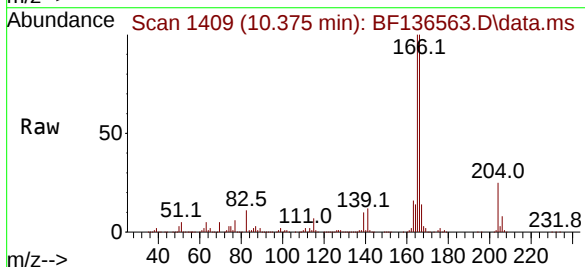
Instrument :
BNA_F
ClientSampleId :



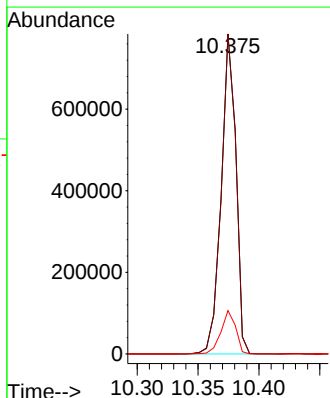
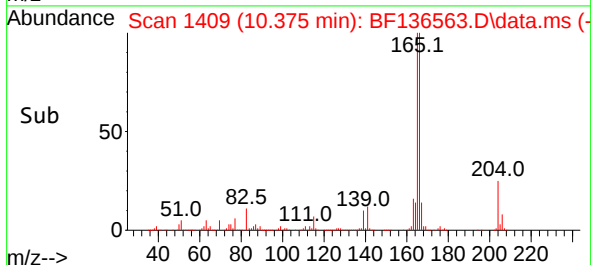
Tgt Ion:165 Resp: 203049
Ion Ratio Lower Upper
165 100
63 43.5 31.4 47.2
89 67.6 51.7 77.5
182 2.6 2.2 3.2

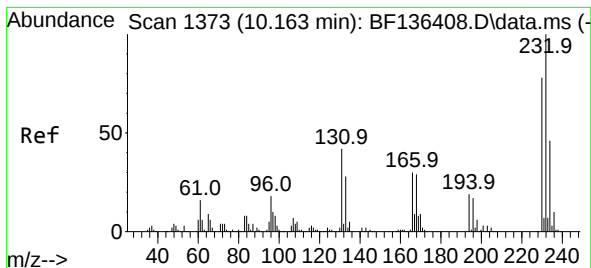


#58
Fluorene
Concen: 35.177 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24



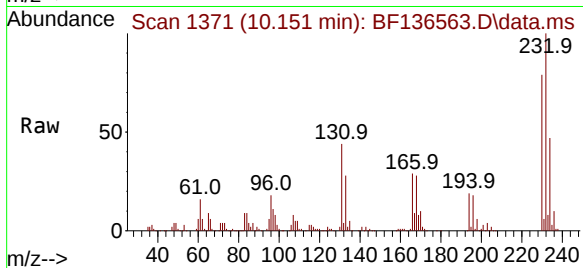
Tgt Ion:166 Resp: 660096
Ion Ratio Lower Upper
166 100
165 99.8 80.5 120.7
167 13.6 10.5 15.7



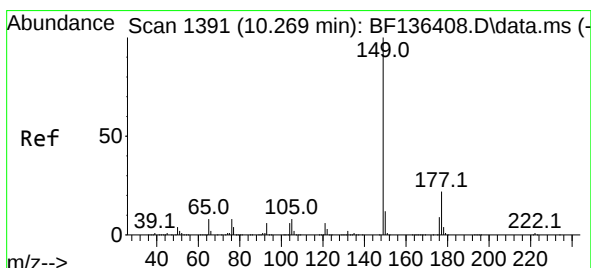
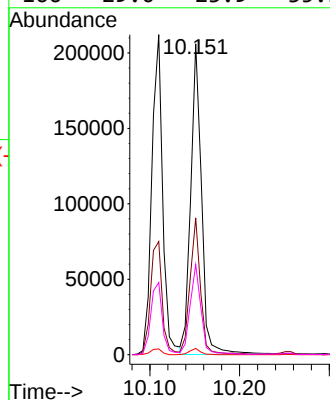
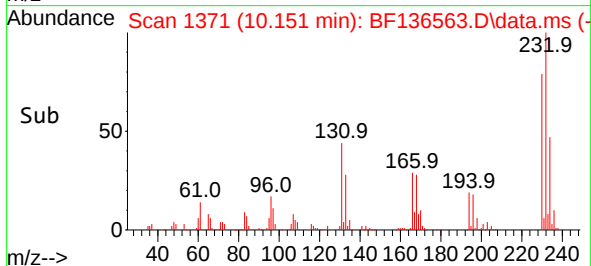


#59
2,3,4,6-Tetrachlorophenol
Concen: 35.915 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

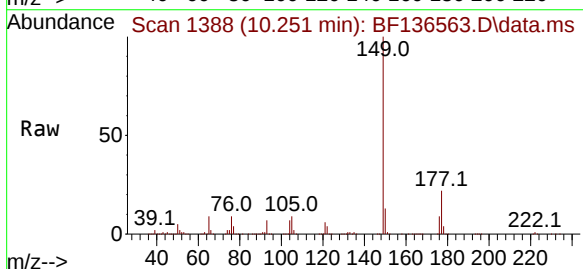
Instrument :
BNA_F
ClientSampleId :



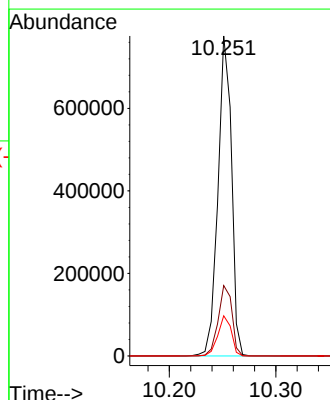
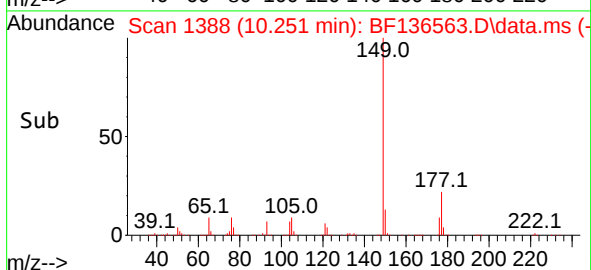
Tgt Ion:232 Resp: 172162
Ion Ratio Lower Upper
232 100
131 43.0 34.3 51.5
130 2.0 1.6 2.4
166 29.0 23.9 35.9

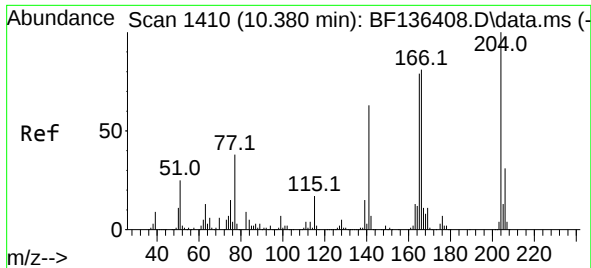


#60
Diethylphthalate
Concen: 35.501 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.018 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24



Tgt Ion:149 Resp: 680280
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.8
150 12.5 9.4 14.0

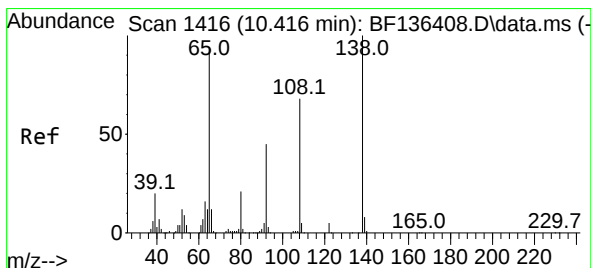
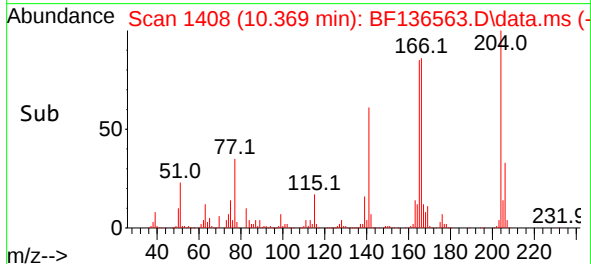
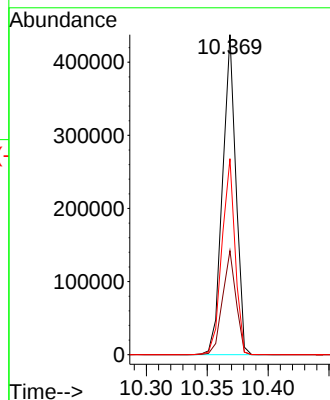
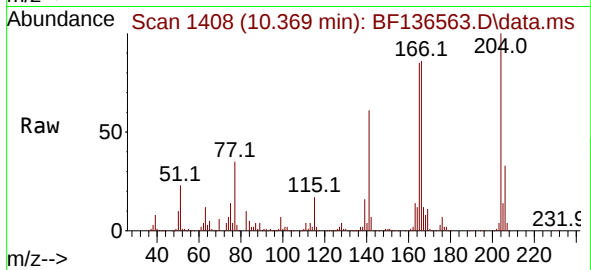




#61
4-Chlorophenyl-phenylether
Concen: 36.599 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

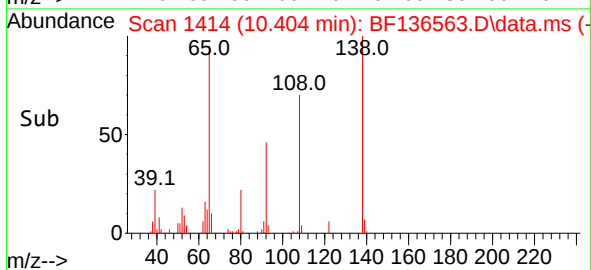
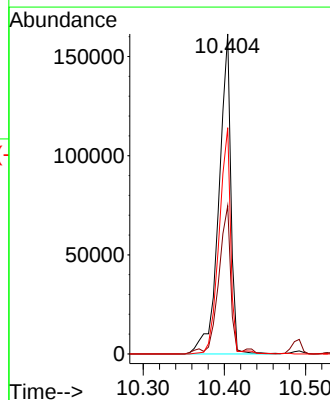
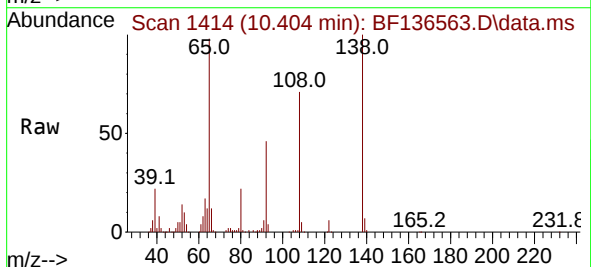
Instrument :
BNA_F
ClientSampleId :

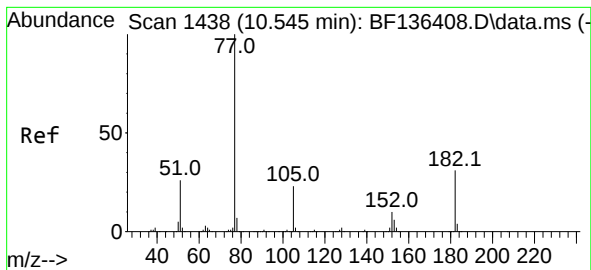
Tgt Ion:204 Resp: 334799
Ion Ratio Lower Upper
204 100
206 32.5 24.6 36.8
141 61.3 50.3 75.5



#62
4-Nitroaniline
Concen: 37.230 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

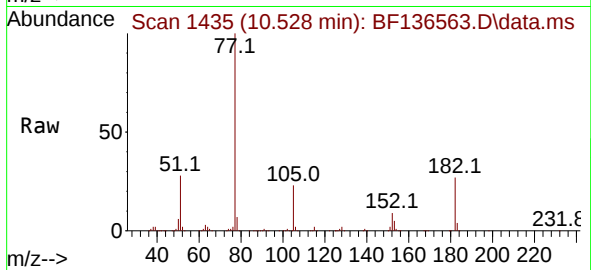
Tgt Ion:138 Resp: 165499
Ion Ratio Lower Upper
138 100
92 46.3 25.0 65.0
108 70.7 47.9 87.9



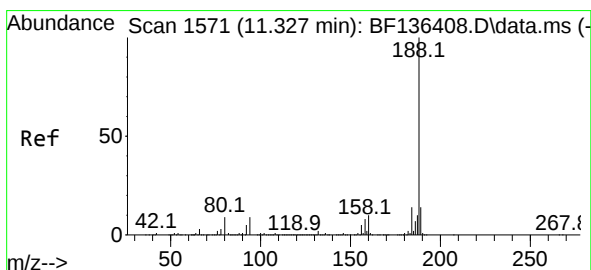
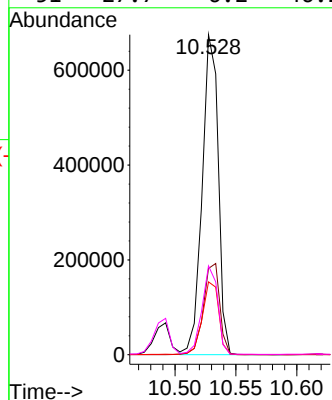
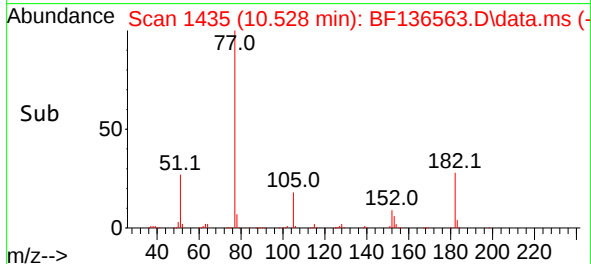


#63
Azobenzene
Concen: 35.387 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.018 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

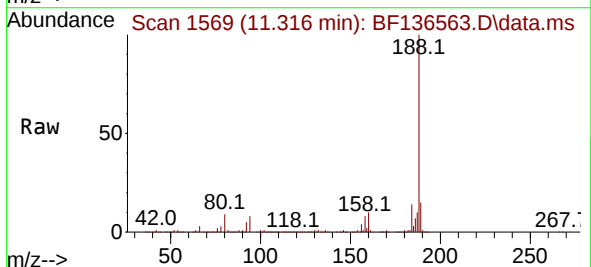
Instrument :
BNA_F
ClientSampleId :



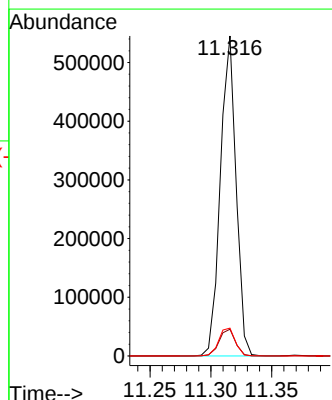
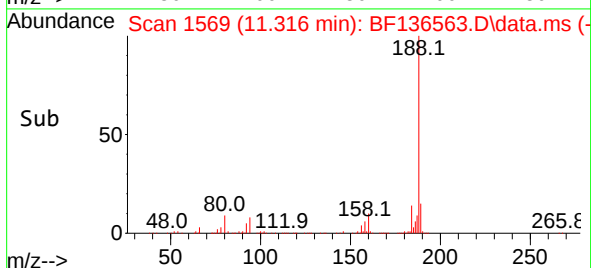
Tgt Ion: 77 Resp: 617206
Ion Ratio Lower Upper
77 100
182 26.9 10.8 50.8
105 22.7 2.6 42.6
51 27.7 6.2 46.2

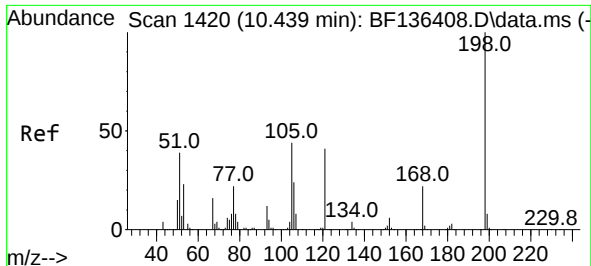


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24



Tgt Ion: 188 Resp: 489856
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 8.7 7.2 10.8

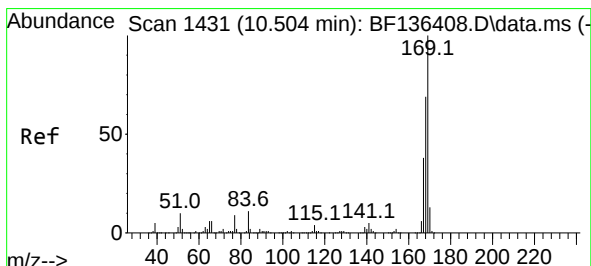
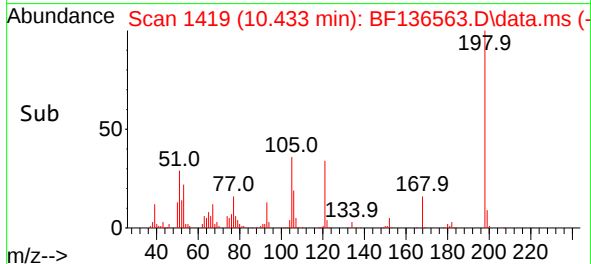
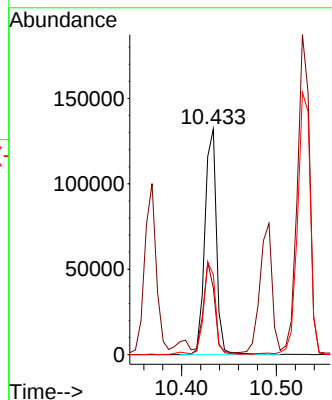
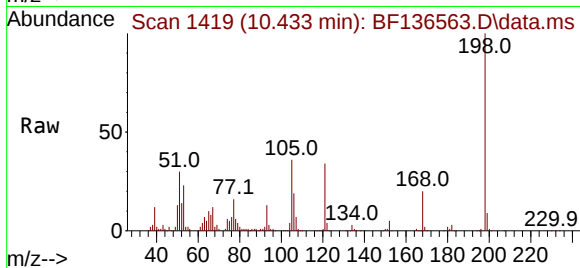




#65
4,6-Dinitro-2-methylphenol
Concen: 37.142 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

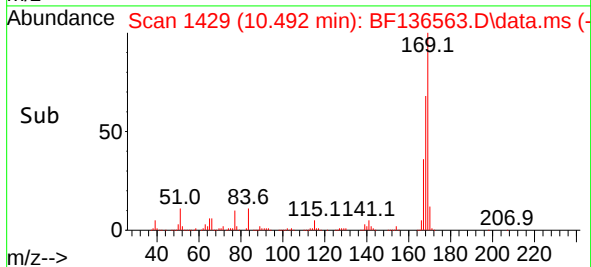
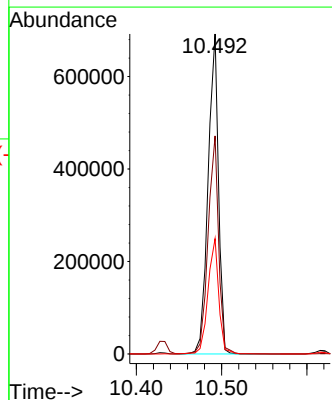
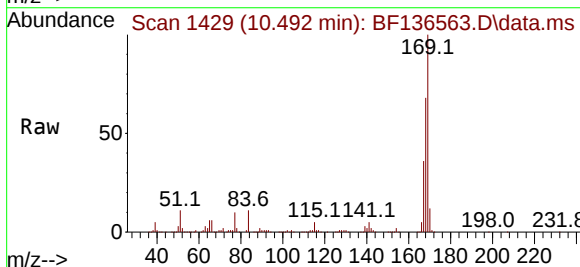
Instrument :
BNA_F
ClientSampleId :

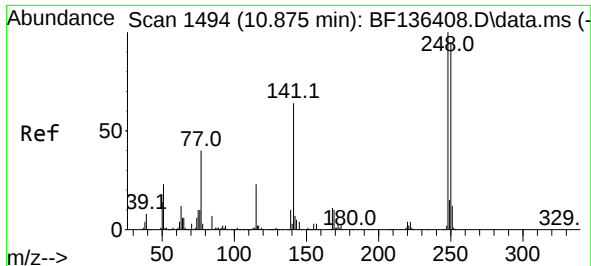
Tgt Ion:198 Resp: 112680
Ion Ratio Lower Upper
198 100
51 29.7 24.1 64.1
105 35.5 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 37.326 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Tgt Ion:169 Resp: 586705
Ion Ratio Lower Upper
169 100
168 68.2 55.3 82.9
167 36.1 30.1 45.1

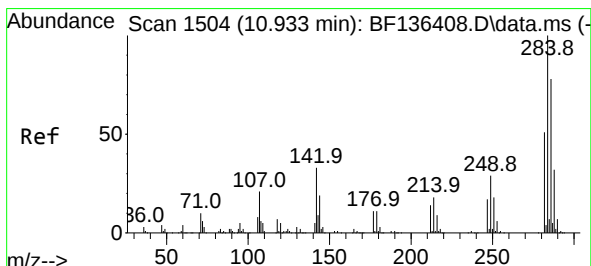
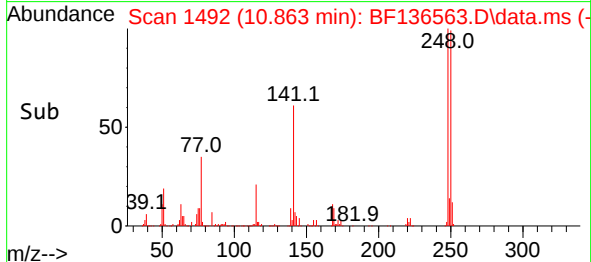
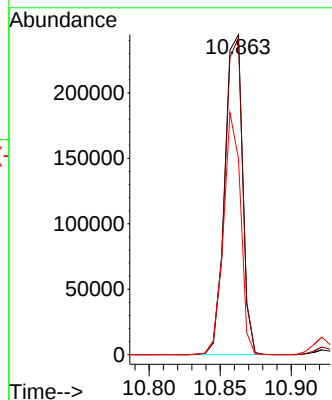
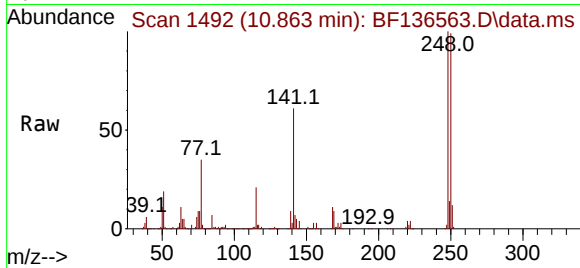




#67
4-Bromophenyl-phenylether
Concen: 37.401 ng
RT: 10.863 min Scan# 1494
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

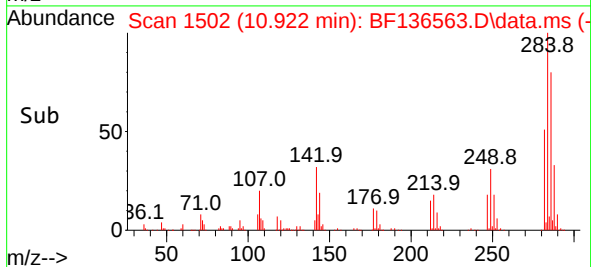
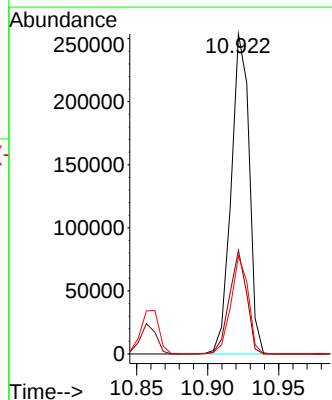
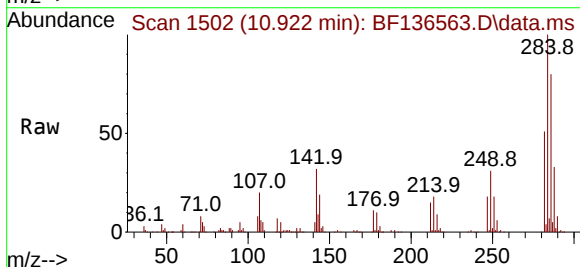
Instrument :
BNA_F
ClientSampleId :

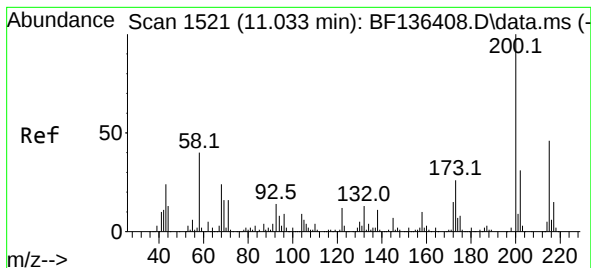
Tgt Ion:248 Resp: 213013
Ion Ratio Lower Upper
248 100
250 99.0 76.2 114.2
141 61.3 51.0 76.4



#68
Hexachlorobenzene
Concen: 34.207 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Tgt Ion:284 Resp: 225172
Ion Ratio Lower Upper
284 100
142 32.4 26.5 39.7
249 30.6 23.4 35.0





#69

Atrazine

Concen: 36.403 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :

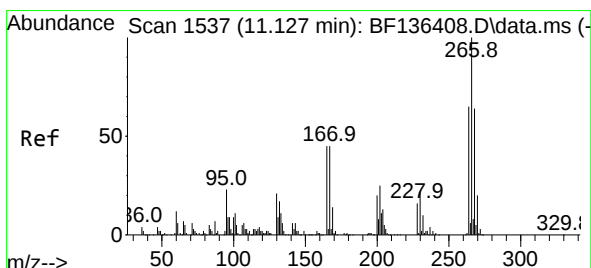
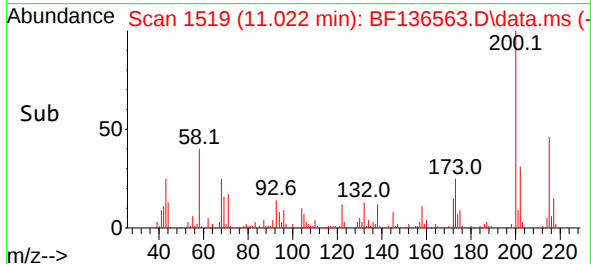
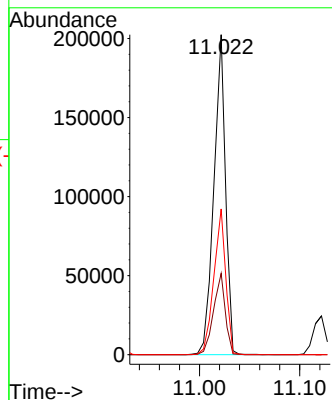
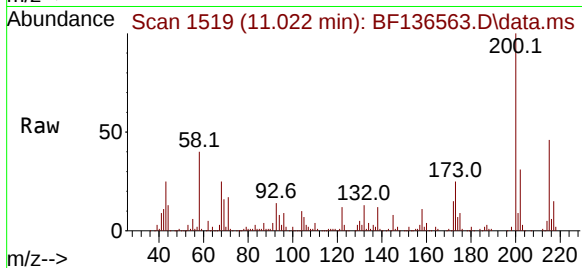
Tgt Ion:200 Resp: 163315

Ion Ratio Lower Upper

200 100

173 25.4 6.0 46.0

215 45.6 25.5 65.5



#70

Pentachlorophenol

Concen: 32.831 ng

RT: 11.122 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

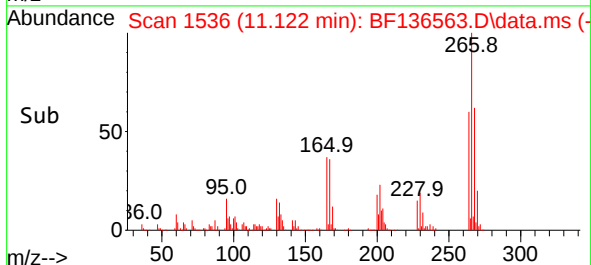
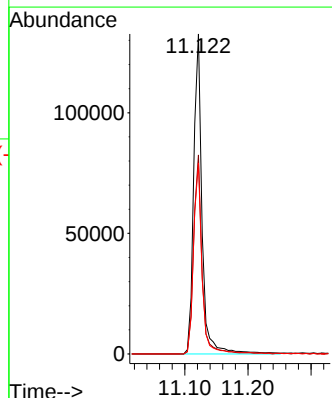
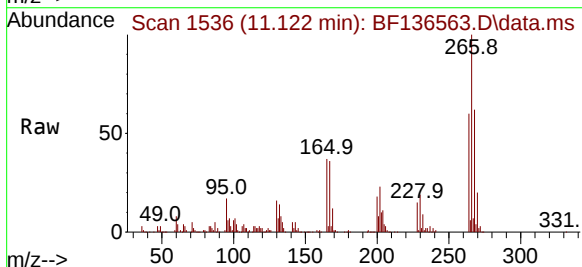
Tgt Ion:266 Resp: 121970

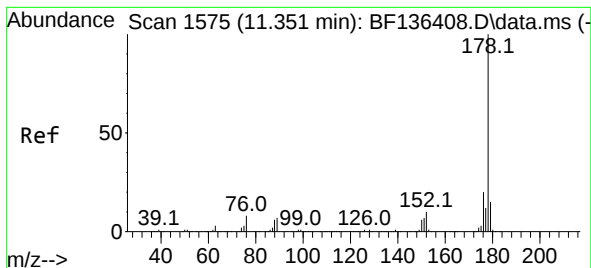
Ion Ratio Lower Upper

266 100

268 62.2 51.0 76.6

264 59.7 52.2 78.4





#71

Phenanthrene

Concen: 36.470 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :

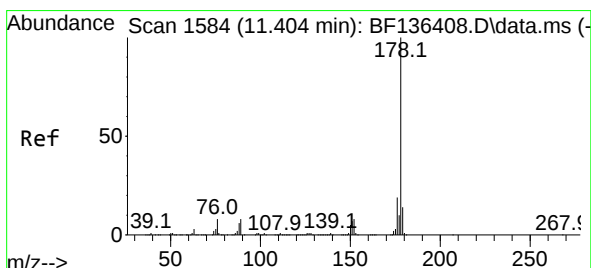
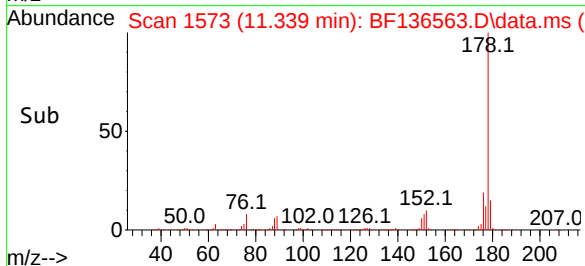
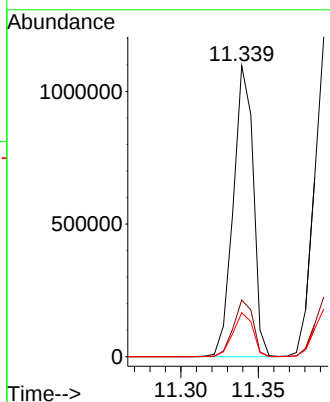
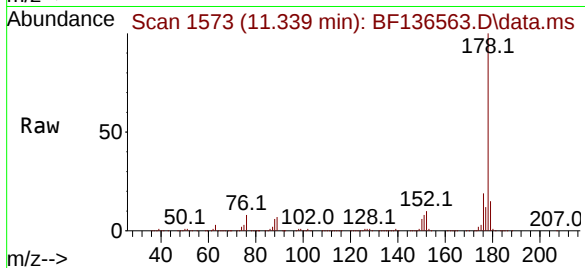
Tgt Ion:178 Resp: 981950

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

179 15.1 11.8 17.6



#72

Anthracene

Concen: 37.183 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

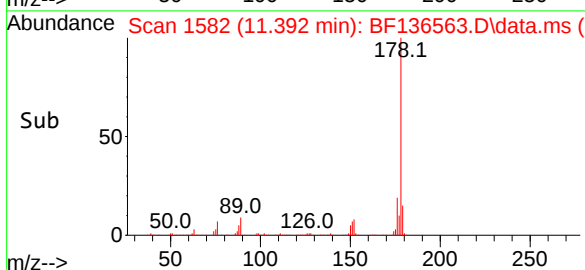
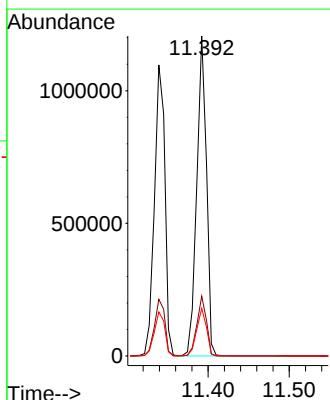
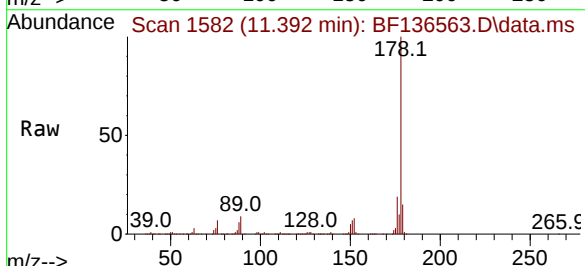
Tgt Ion:178 Resp: 1008354

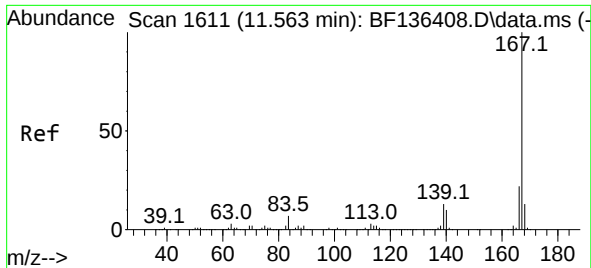
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 14.9 11.4 17.0

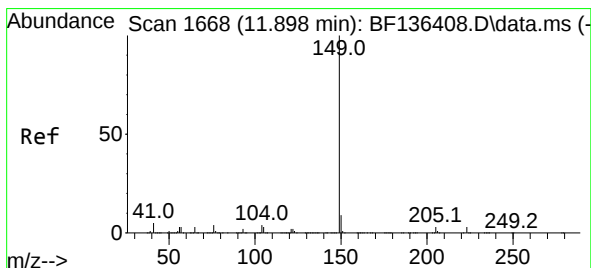
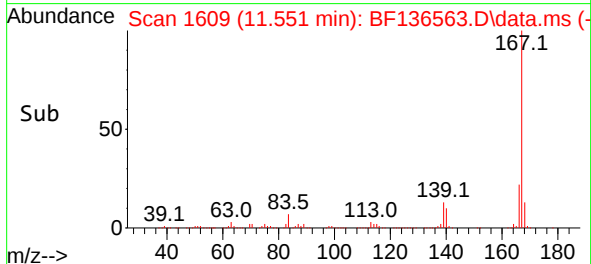
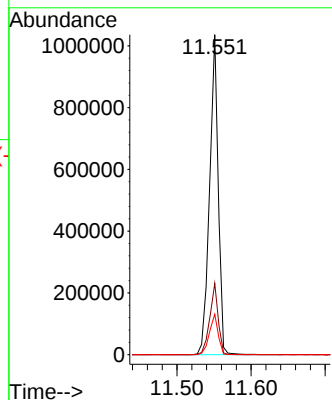
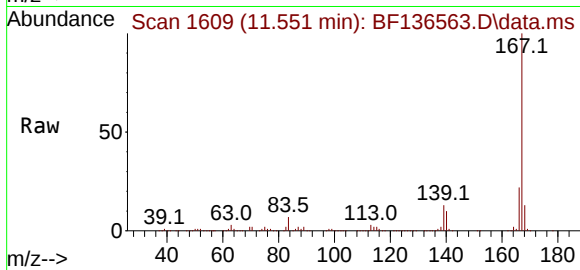




#73
 Carbazole
 Concen: 35.129 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.012 min
 Lab File: BF136563.D
 Acq: 14 Dec 2023 12:24

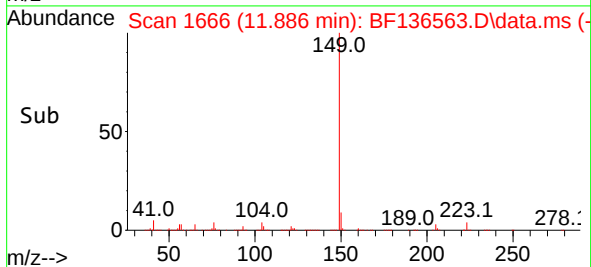
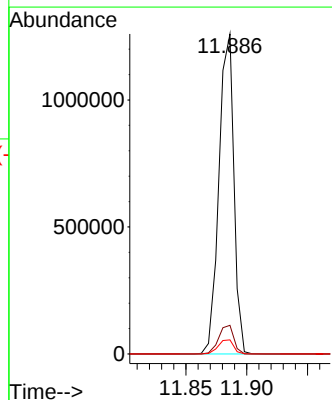
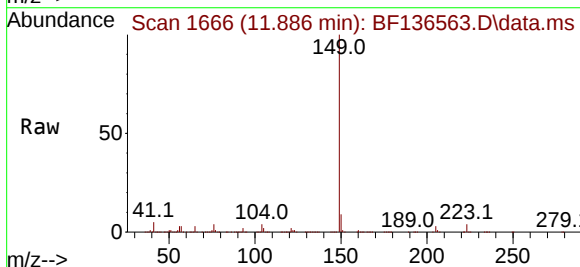
Instrument :
 BNA_F
 ClientSampleId :

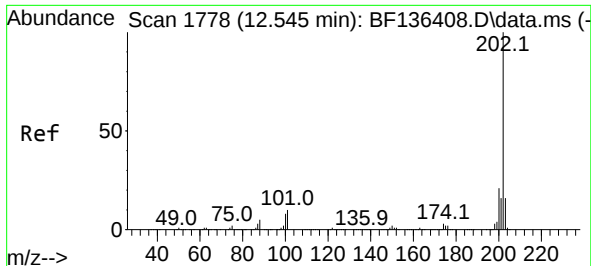
Tgt Ion:167 Resp: 843175
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 12.6 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 36.682 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. -0.012 min
 Lab File: BF136563.D
 Acq: 14 Dec 2023 12:24

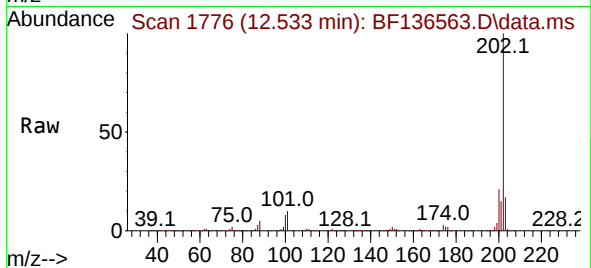
Tgt Ion:149 Resp: 1079354
 Ion Ratio Lower Upper
 149 100
 150 8.9 6.9 10.3
 104 4.4 3.5 5.3



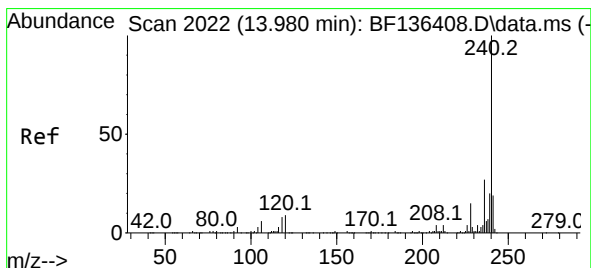
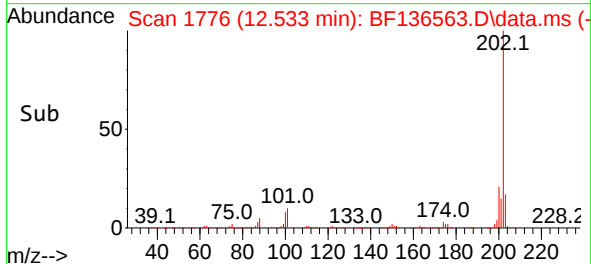
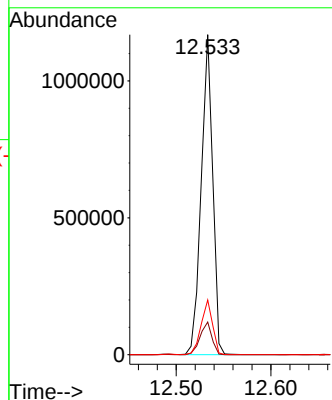


#75
Fluoranthene
Concen: 34.798 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Instrument :
BNA_F
ClientSampleId :

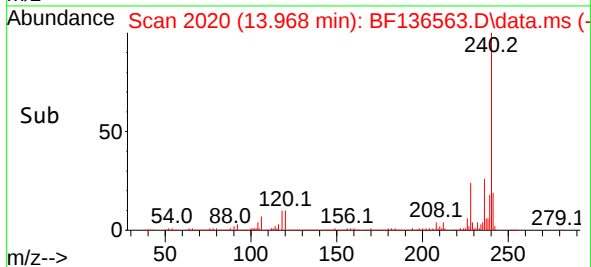
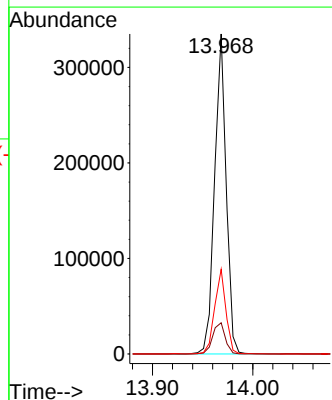
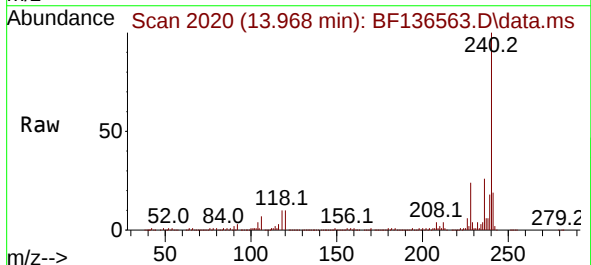


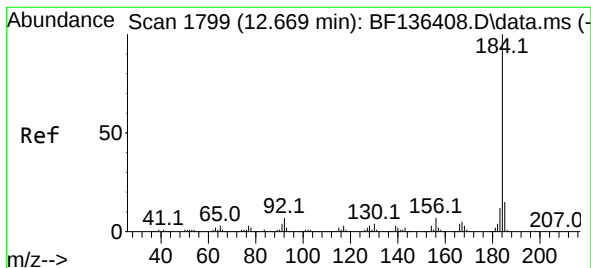
Tgt Ion:202 Resp: 981842
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.9
203 17.1 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Tgt Ion:240 Resp: 267952
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 26.5 21.3 31.9





#77

Benzidine

Concen: 26.981 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :

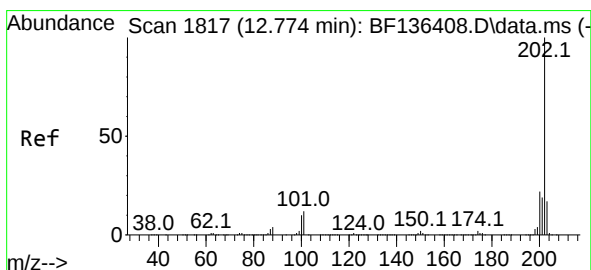
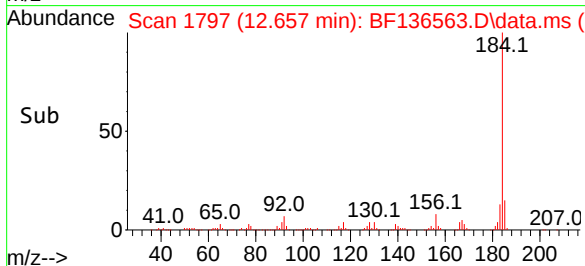
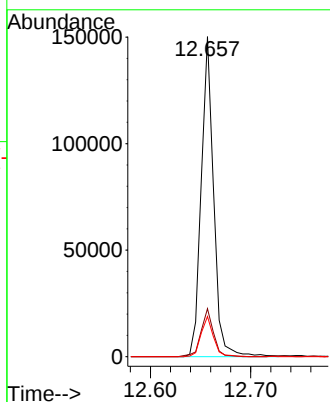
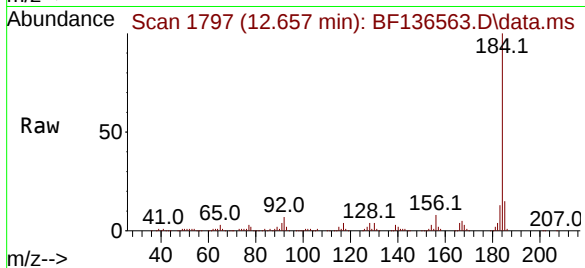
Tgt Ion:184 Resp: 129892

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

183 12.6 9.4 14.0



#78

Pyrene

Concen: 37.640 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

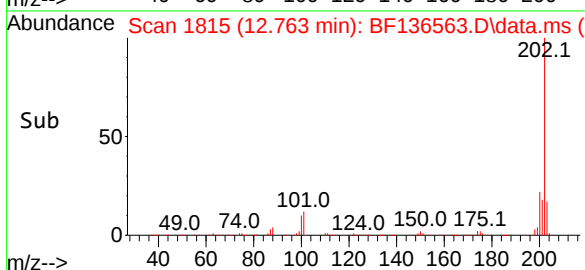
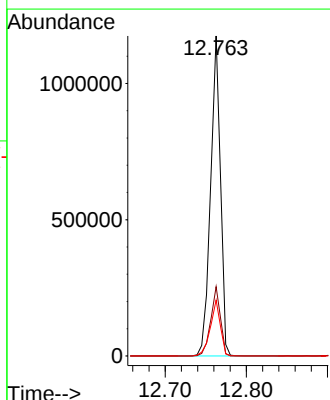
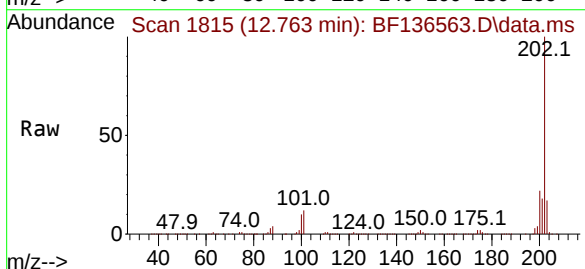
Tgt Ion:202 Resp: 987767

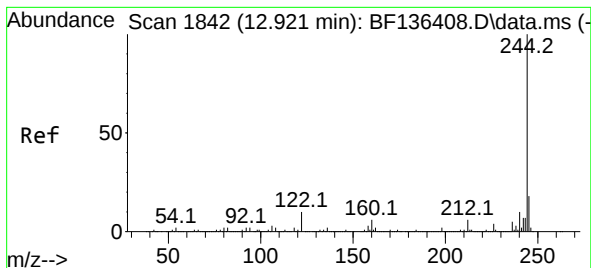
Ion Ratio Lower Upper

202 100

200 21.6 18.0 27.0

203 17.4 13.5 20.3





#79

Terphenyl-d14

Concen: 79.094 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :

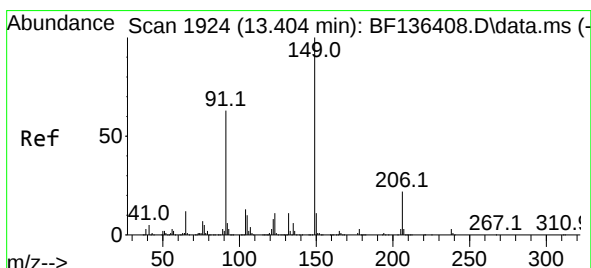
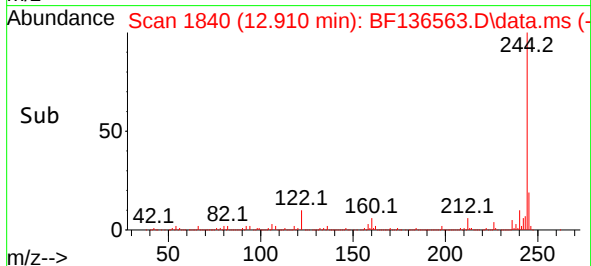
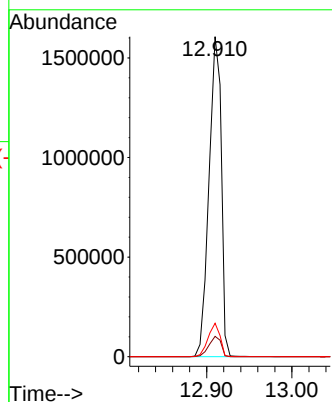
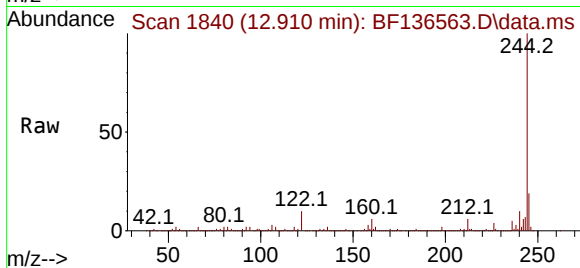
Tgt Ion:244 Resp: 1607932

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 10.4 8.3 12.5



#80

Butylbenzylphthalate

Concen: 40.020 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.018 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

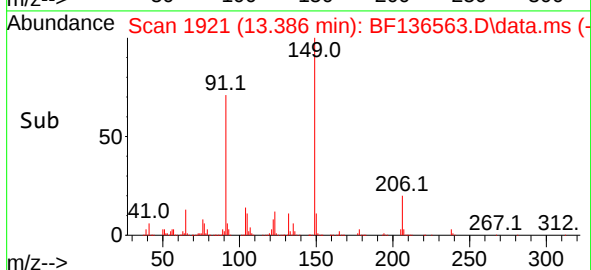
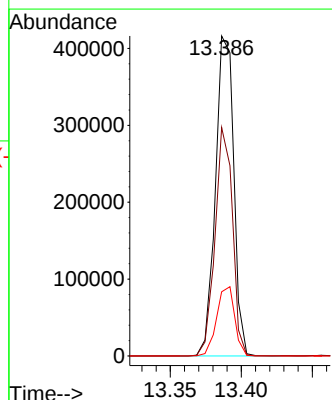
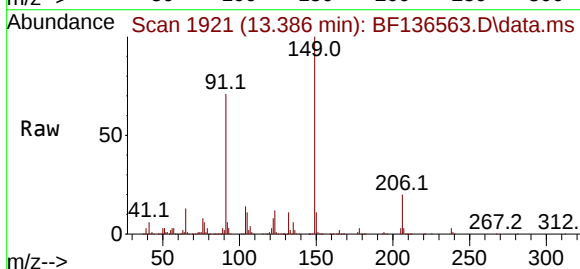
Tgt Ion:149 Resp: 373852

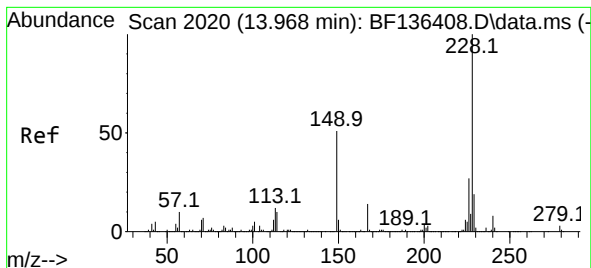
Ion Ratio Lower Upper

149 100

91 71.4 50.5 75.7

206 20.0 17.4 26.2





#81

Benzo(a)anthracene

Concen: 36.814 ng

RT: 13.957 min Scan# 2012

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :

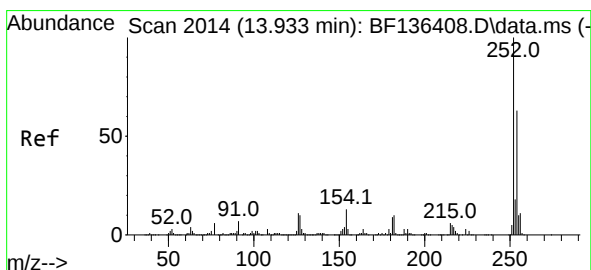
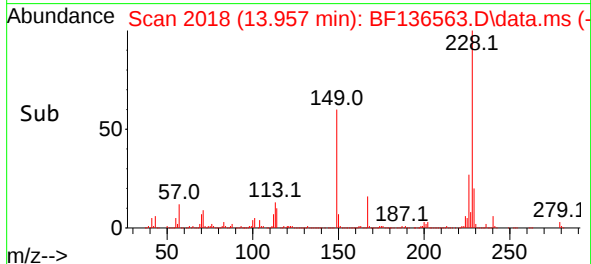
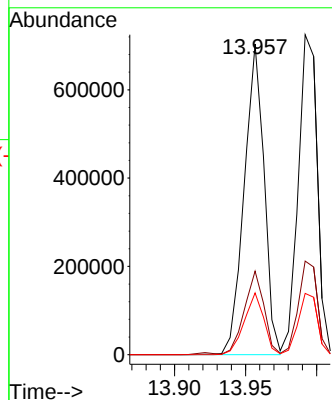
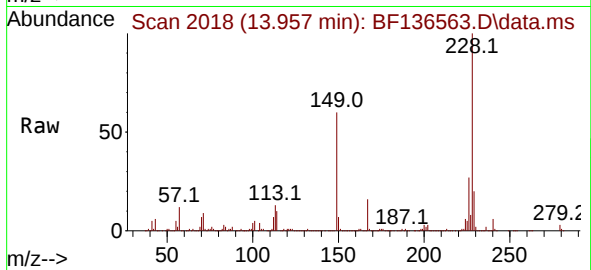
Tgt Ion:228 Resp: 687108

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 19.9 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 41.665 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

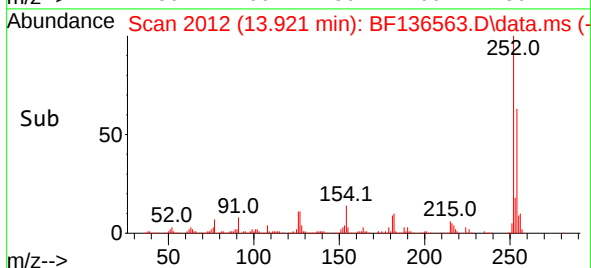
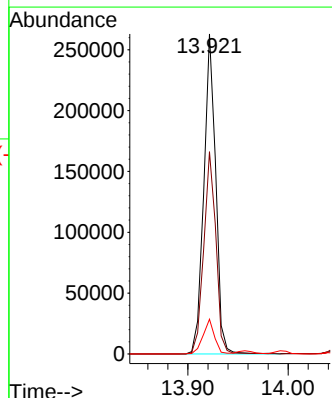
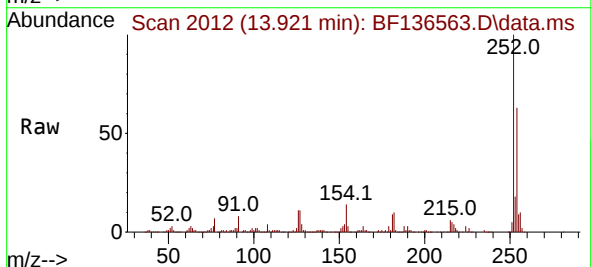
Tgt Ion:252 Resp: 218038

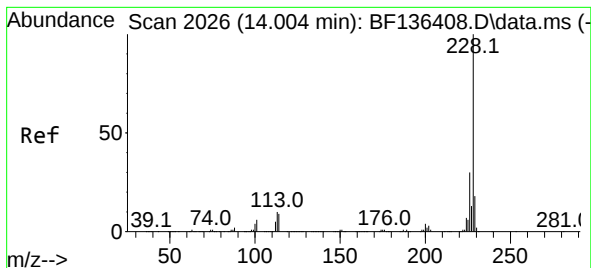
Ion Ratio Lower Upper

252 100

254 63.2 50.8 76.2

126 10.9 8.6 12.8





#83

Chrysene

Concen: 36.786 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :

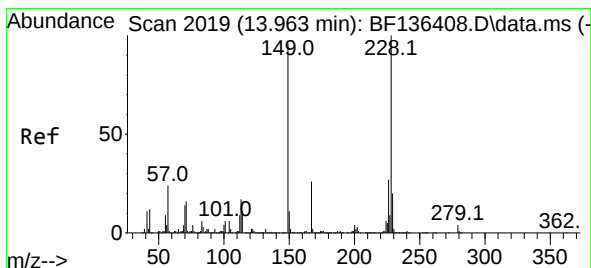
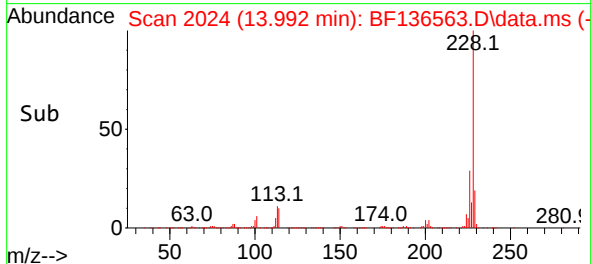
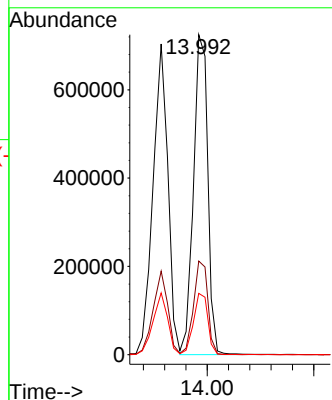
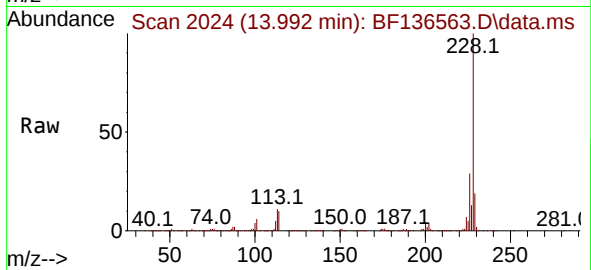
Tgt Ion:228 Resp: 675516

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.6

229 19.1 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.622 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

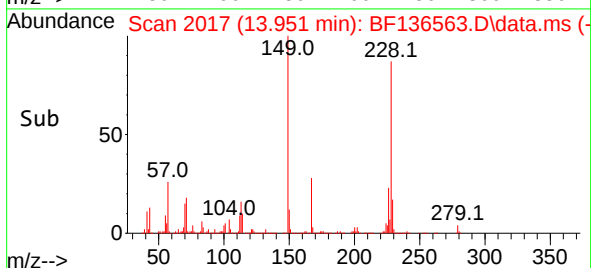
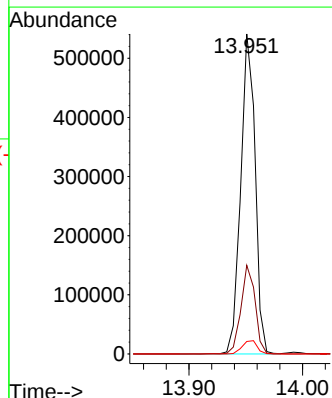
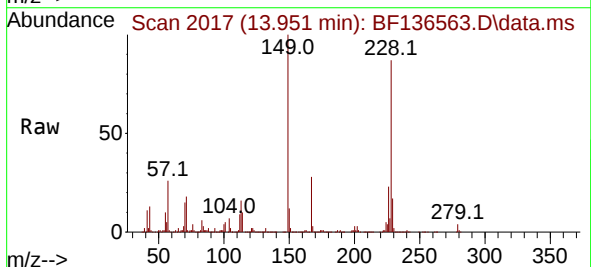
Tgt Ion:149 Resp: 476656

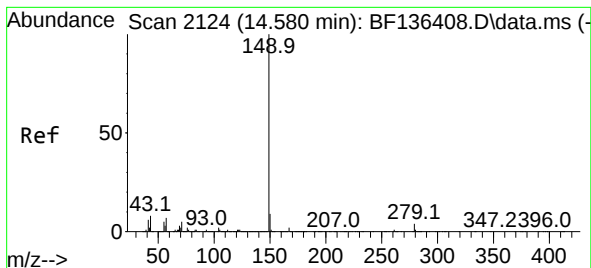
Ion Ratio Lower Upper

149 100

167 27.7 21.2 31.8

279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 42.815 ng

RT: 14.568 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

Instrument :

BNA_F

ClientSampleId :

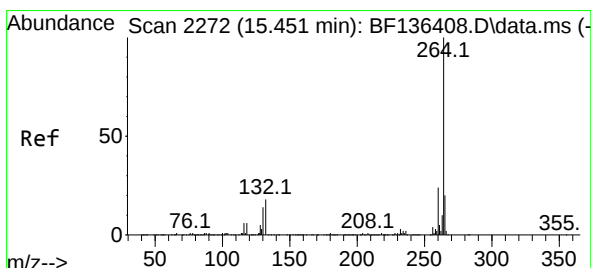
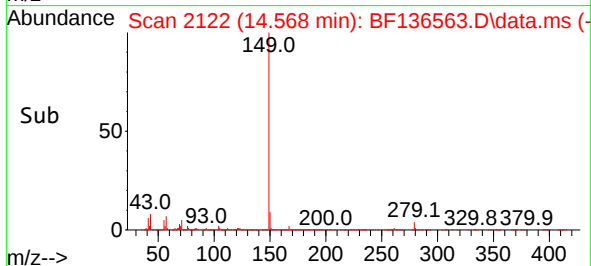
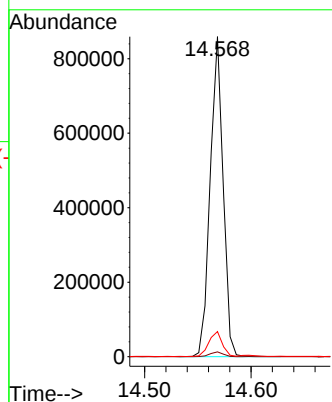
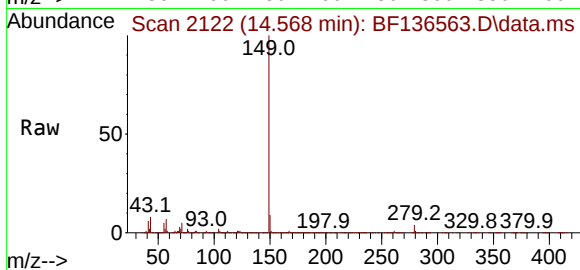
Tgt Ion:149 Resp: 724258

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.1 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.012 min

Lab File: BF136563.D

Acq: 14 Dec 2023 12:24

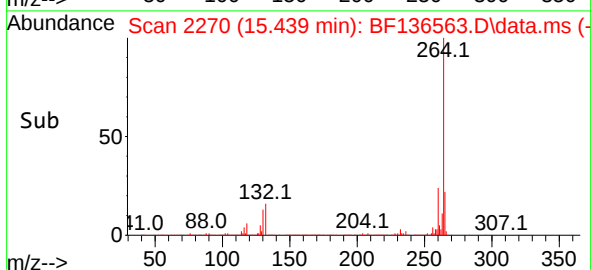
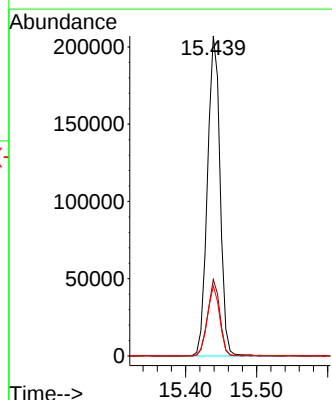
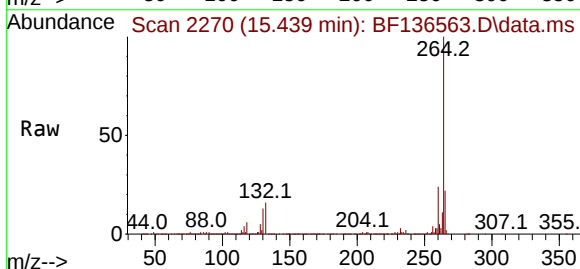
Tgt Ion:264 Resp: 255785

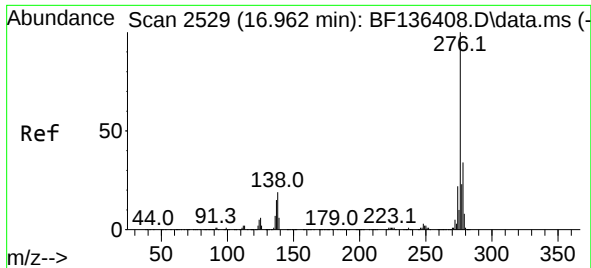
Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.9 15.9 23.9

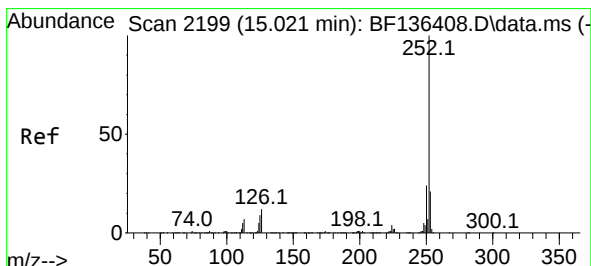
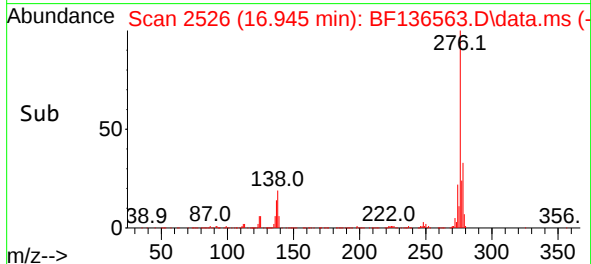
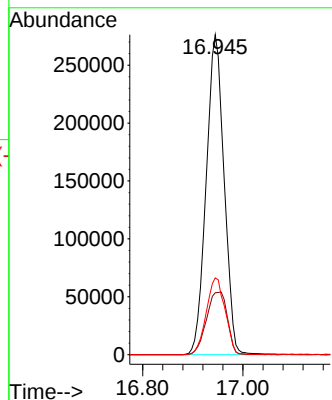
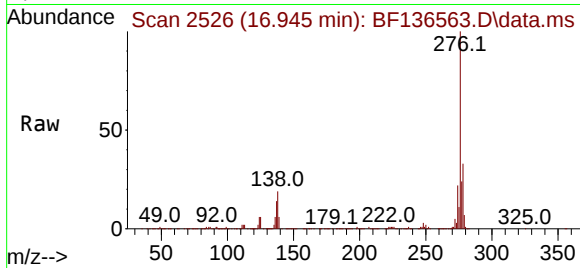




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.559 ng
 RT: 16.945 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF136563.D
 Acq: 14 Dec 2023 12:24

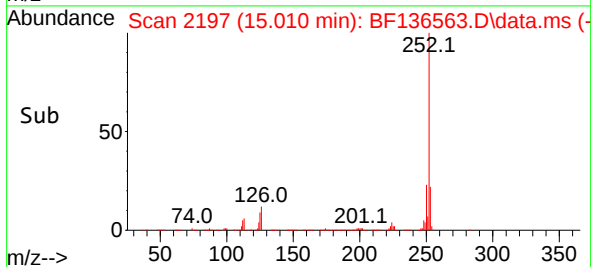
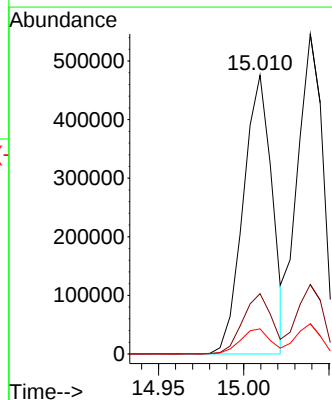
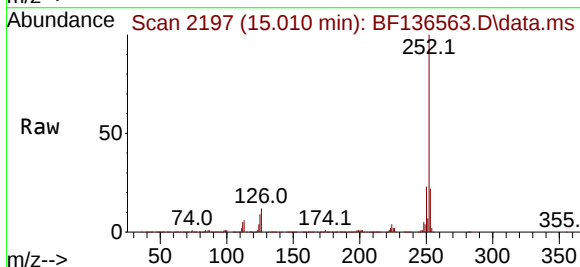
Instrument :
 BNA_F
 ClientSampleId :

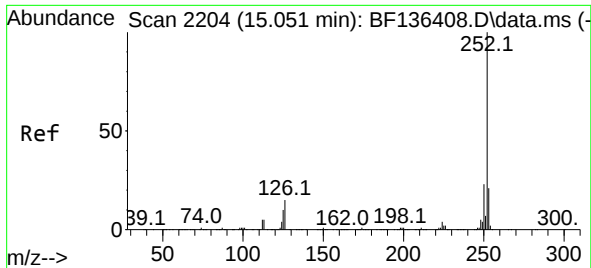
Tgt Ion:276 Resp: 685184
 Ion Ratio Lower Upper
 276 100
 138 22.8 19.0 28.4
 277 25.2 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 32.080 ng
 RT: 15.010 min Scan# 2197
 Delta R.T. -0.012 min
 Lab File: BF136563.D
 Acq: 14 Dec 2023 12:24

Tgt Ion:252 Resp: 561037
 Ion Ratio Lower Upper
 252 100
 253 21.6 16.9 25.3
 125 9.0 7.4 11.2

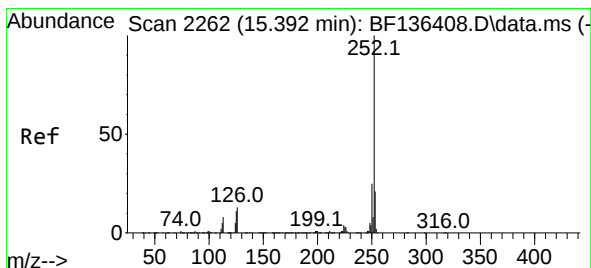
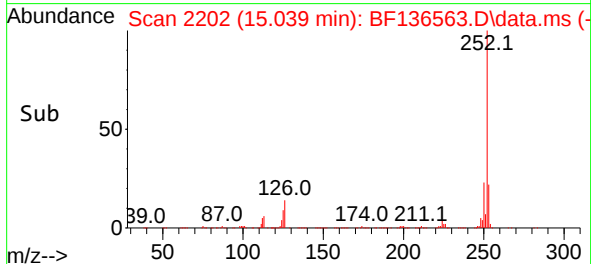
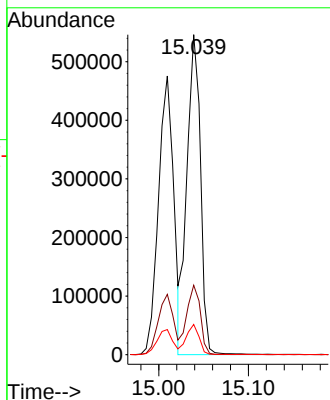
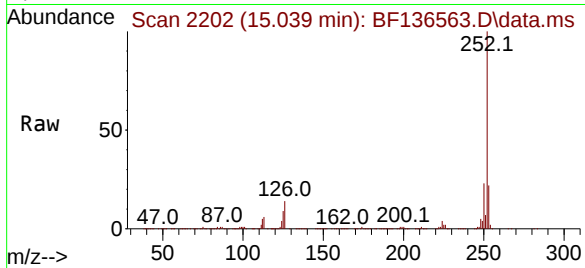




#89
Benzo(k)fluoranthene
Concen: 34.753 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

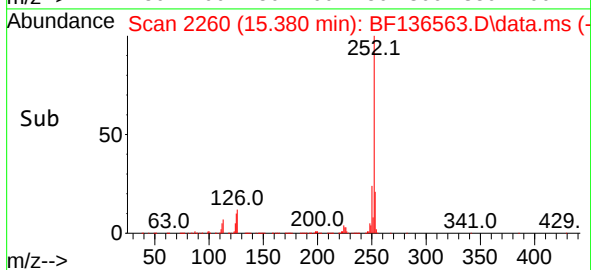
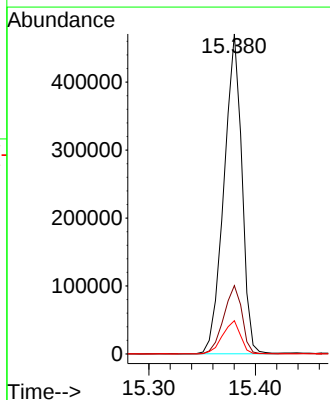
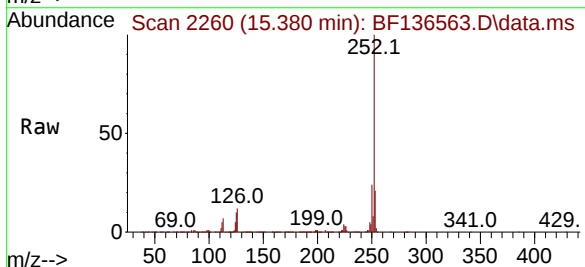
Instrument :
BNA_F
ClientSampleId :

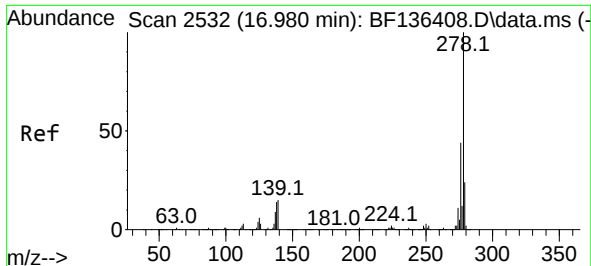
Tgt Ion:252 Resp: 572782
Ion Ratio Lower Upper
252 100
253 21.7 16.9 25.3
125 9.5 7.5 11.3



#90
Benzo(a)pyrene
Concen: 38.057 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.012 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Tgt Ion:252 Resp: 549652
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.4
125 10.4 8.6 13.0

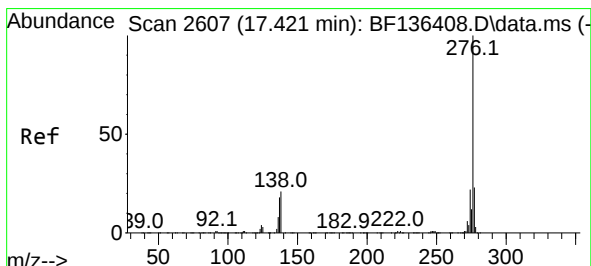
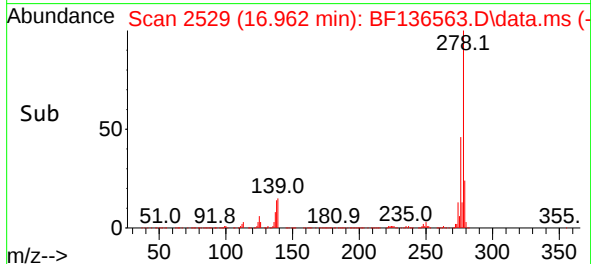
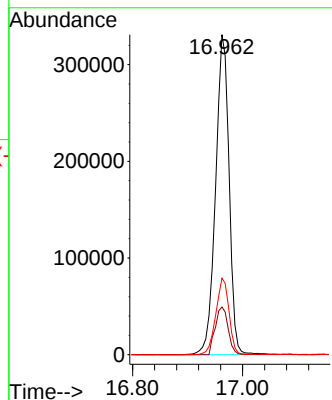
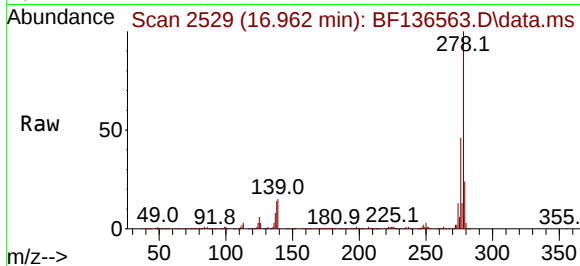




#91
Dibenzo(a,h)anthracene
Concen: 38.895 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.018 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 566233
Ion Ratio Lower Upper
278 100
139 14.9 12.2 18.4
279 23.9 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 37.720 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.018 min
Lab File: BF136563.D
Acq: 14 Dec 2023 12:24

Tgt Ion:276 Resp: 563612
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 19.9 16.6 25.0

