

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136440.D
 Acq On : 06 Dec 2023 21:26
 Operator : CG\JU
 Sample : 05602-05MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 00:56:56 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	6.798	152	82294	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	273195	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	131749	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	270643	20.000	ng	0.00
76) Chrysene-d12	13.980	240	163156	20.000	ng	0.00
86) Perylene-d12	15.457	264	140651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	440878	79.119	ng	0.00
7) Phenol-d6	6.440	99	502051	72.213	ng	0.00
23) Nitrobenzene-d5	7.357	82	283155	56.031	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	137002	84.336	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	519373	53.791	ng	-0.01
79) Terphenyl-d14	12.922	244	690239	55.760	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	78751	35.730	ng	99
3) Pyridine	3.340	79	187324	35.096	ng	100
4) n-Nitrosodimethylamine	3.299	42	91137	39.301	ng	96
6) Aniline	6.463	93	214554	30.536	ng	99
8) 2-Chlorophenol	6.587	128	212566	34.942	ng	99
9) Benzaldehyde	6.351	77	82181	20.722	ng	95
10) Phenol	6.451	94	260719	35.242	ng	93
11) bis(2-Chloroethyl)ether	6.540	93	203755	36.950	ng	98
12) 1,3-Dichlorobenzene	6.740	146	228647	33.421	ng	98
13) 1,4-Dichlorobenzene	6.816	146	231052	33.293	ng	97
14) 1,2-Dichlorobenzene	6.969	146	217496	33.327	ng	98
15) Benzyl Alcohol	6.940	79	157451	33.820	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	237998	33.558	ng	99
17) 2-Methylphenol	7.057	107	155081	31.554	ng	98
18) Hexachloroethane	7.304	117	63769	26.319	ng	94
19) n-Nitroso-di-n-propyla...	7.210	70	131741	32.849	ng	97
20) 3+4-Methylphenols	7.204	107	190416	31.214	ng	# 84
22) Acetophenone	7.204	105	281722	41.760	ng	97
24) Nitrobenzene	7.381	77	189721	37.319	ng	95
25) Isophorone	7.616	82	338103	37.239	ng	99
26) 2-Nitrophenol	7.693	139	91715	36.697	ng	96
27) 2,4-Dimethylphenol	7.734	122	144472	46.880	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	208770	37.421	ng	97
29) 2,4-Dichlorophenol	7.934	162	148864	36.597	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	170971	36.046	ng	99
31) Naphthalene	8.098	128	546981	36.307	ng	99
32) Benzoic acid	7.840	122	104233	34.095	ng	96
33) 4-Chloroaniline	8.151	127	159575	29.710	ng	97
34) Hexachlorobutadiene	8.216	225	100795	35.857	ng	98
35) Caprolactam	8.504	113	37612	30.026	ng	96
36) 4-Chloro-3-methylphenol	8.634	107	149027	34.505	ng	99
37) 2-Methylnaphthalene	8.792	142	327873	34.208	ng	94
38) 1-Methylnaphthalene	8.887	142	315411	33.536	ng	96
40) 1,2,4,5-Tetrachloroben...	8.957	216	162189	39.569	ng	99
41) Hexachlorocyclopentadiene	8.940	237	17451	11.492	ng	96
43) 2,4,6-Trichlorophenol	9.069	196	98738	36.996	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	113430	38.080	ng	95
46) 1,1'-Biphenyl	9.257	154	421970	37.641	ng	100
47) 2-Chloronaphthalene	9.281	162	317633	36.403	ng	99
48) 2-Nitroaniline	9.375	65	97565	41.691	ng	97
49) Acenaphthylene	9.692	152	499938	40.222	ng	98
50) Dimethylphthalate	9.557	163	355926	36.694	ng	99
51) 2,6-Dinitrotoluene	9.622	165	72322	33.142	ng	92
52) Acenaphthene	9.869	154	297179	37.311	ng	98
53) 3-Nitroaniline	9.787	138	95433	42.826	ng	96
54) 2,4-Dinitrophenol	9.898	184	12779	11.582	ng	94
55) Dibenzofuran	10.039	168	451414	38.795	ng	100
56) 4-Nitrophenol	9.957	139	149826	89.689	ng	96
57) 2,4-Dinitrotoluene	10.028	165	98137	33.995	ng	95
58) Fluorene	10.386	166	361051	38.655	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	100487	42.115	ng	97
60) Diethylphthalate	10.257	149	337358	35.369	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	168991	37.113	ng	92
62) 4-Nitroaniline	10.404	138	100033	45.209	ng	99
63) Azobenzene	10.539	77	322990	37.204	ng	99
65) 4,6-Dinitro-2-methylph...	10.434	198	10072	6.009	ng	94
66) n-Nitrosodiphenylamine	10.498	169	311268	35.842	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	108213	34.390	ng	95
68) Hexachlorobenzene	10.933	284	129550	35.622	ng	94
69) Atrazine	11.028	200	103162	41.620	ng	99
70) Pentachlorophenol	11.133	266	153639	74.852	ng	99
71) Phenanthrene	11.351	178	590234	39.678	ng	98
72) Anthracene	11.404	178	604750	40.362	ng	98
73) Carbazole	11.557	167	542789	40.931	ng	99
74) Di-n-butylphthalate	11.892	149	593829	36.528	ng	99
75) Fluoranthene	12.545	202	623673	40.007	ng	99
77) Benzidine	12.675	184	392585	69.660	ng	98
78) Pyrene	12.775	202	627881	39.294	ng	98
80) Butylbenzylphthalate	13.398	149	238409	41.913	ng	89
81) Benzo(a)anthracene	13.969	228	440457	38.756	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	172013	53.982	ng	100
83) Chrysene	14.004	228	415410	37.152	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	301816	43.282	ng	98
85) Di-n-octyl phthalate	14.580	149	450249	43.713	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	325654	33.327	ng	98
88) Benzo(b)fluoranthene	15.027	252	353430	36.752	ng	98
89) Benzo(k)fluoranthene	15.057	252	328490	36.246	ng	99
90) Benzo(a)pyrene	15.398	252	298487	37.584	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	266718	33.319	ng	99
92) Benzo(g,h,i)perylene	17.421	276	240453	29.265	ng	98

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

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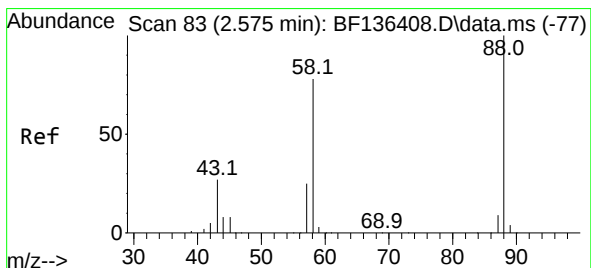
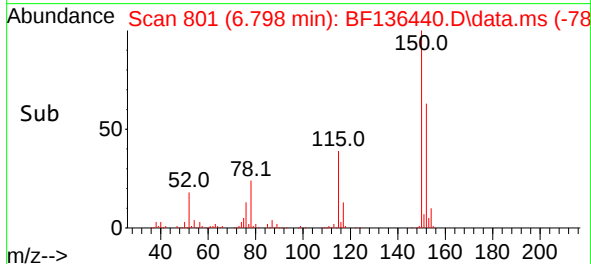
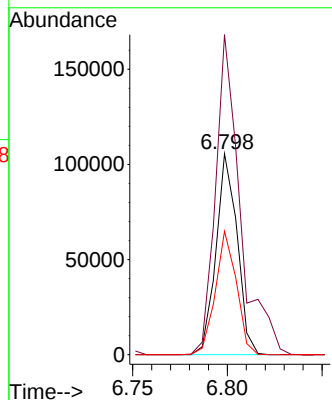
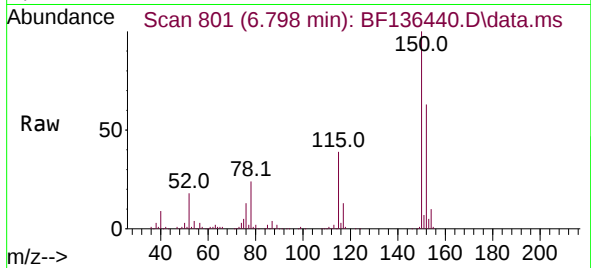




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136440.D
 Acq: 06 Dec 2023 21:26

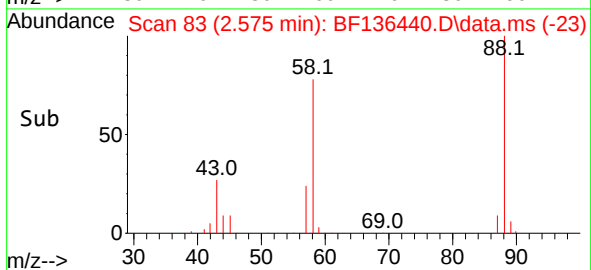
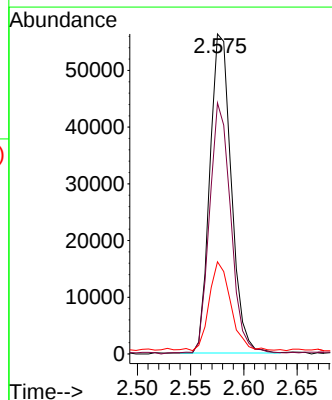
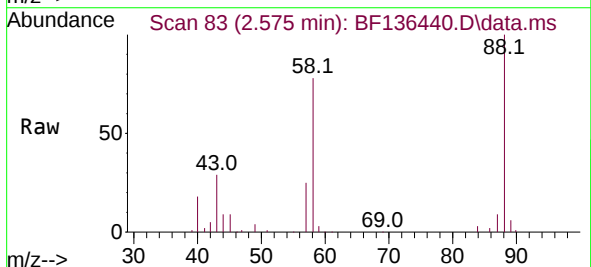
Instrument :
 BNA_F
 ClientSampleId :

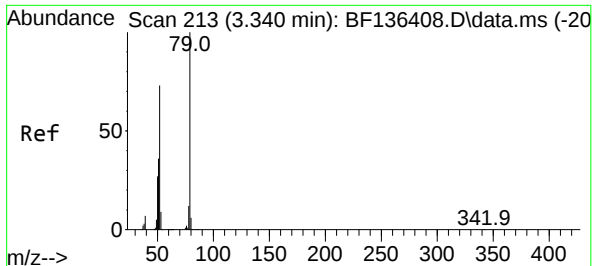
Tgt Ion:152 Resp: 82294
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.4 189.6
 115 61.5 48.2 72.4



#2
 1,4-Dioxane
 Concen: 35.730 ng
 RT: 2.575 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: BF136440.D
 Acq: 06 Dec 2023 21:26

Tgt Ion: 88 Resp: 78751
 Ion Ratio Lower Upper
 88 100
 58 78.9 62.2 93.2
 43 27.5 21.5 32.3

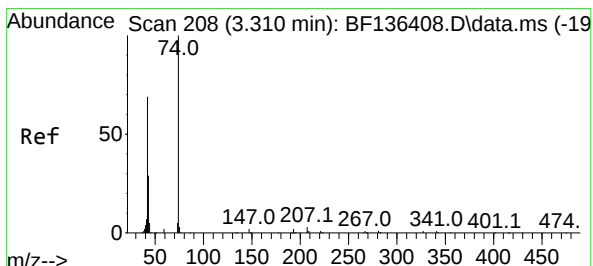
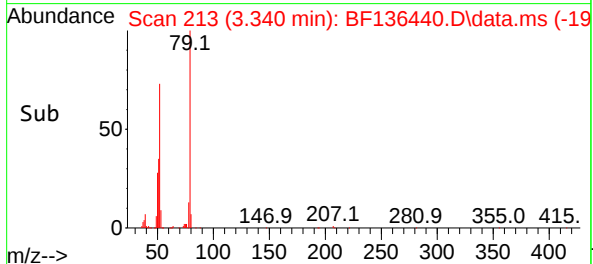
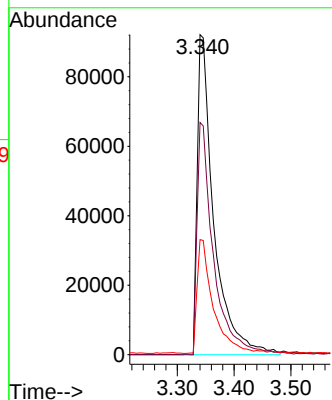
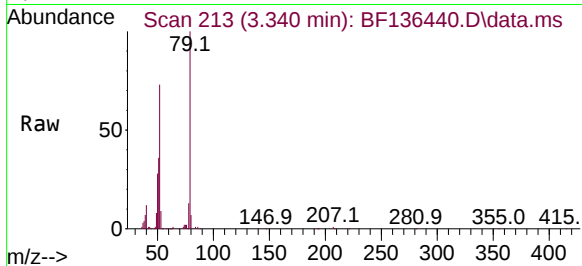




#3
Pyridine
Concen: 35.096 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

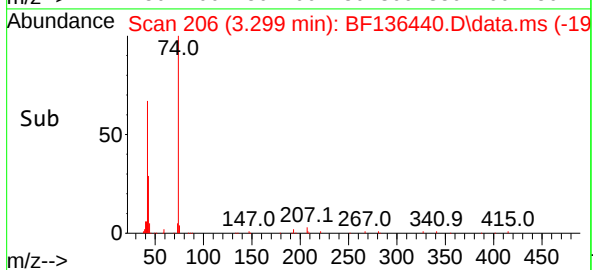
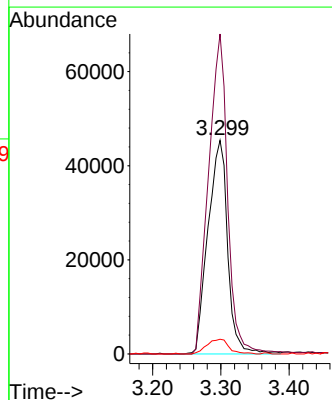
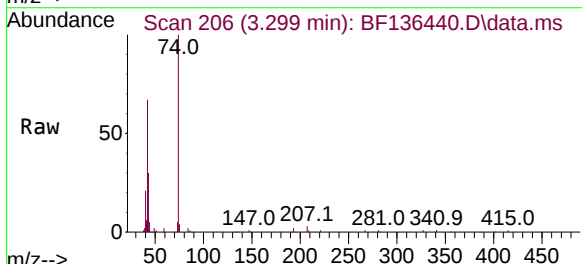
Instrument :
BNA_F
ClientSampleId :

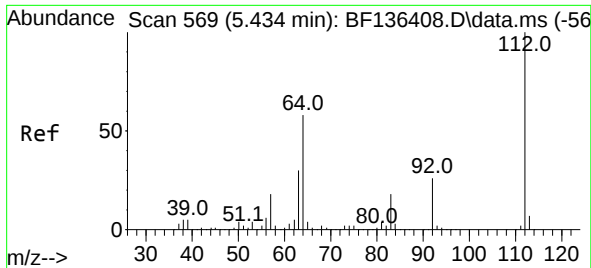
Tgt Ion: 79 Resp: 187324
Ion Ratio Lower Upper
79 100
52 72.6 58.2 87.2
51 35.9 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 39.301 ng
RT: 3.299 min Scan# 206
Delta R.T. -0.012 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion: 42 Resp: 91137
Ion Ratio Lower Upper
42 100
74 149.8 115.4 173.0
44 6.9 6.2 9.2

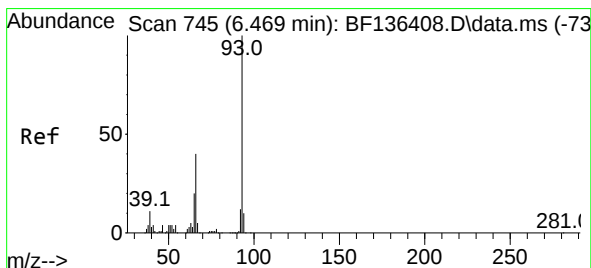
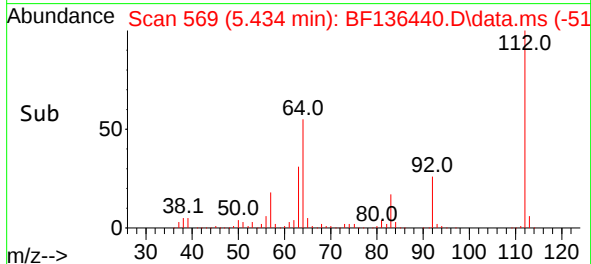
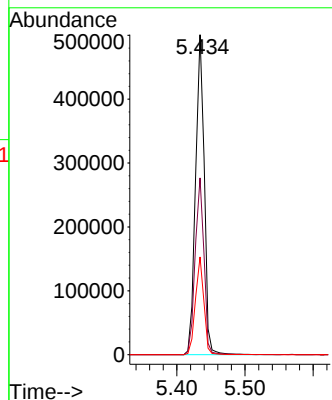
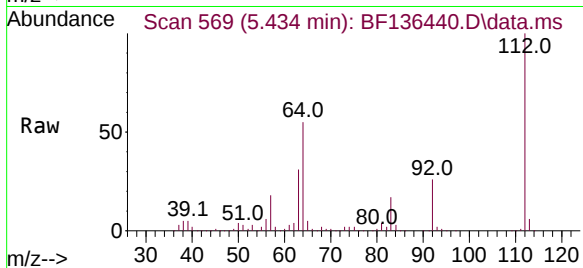




#5
2-Fluorophenol
Concen: 79.119 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

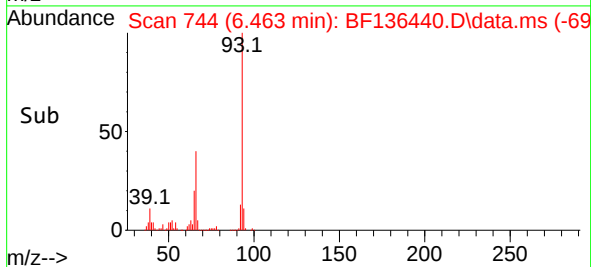
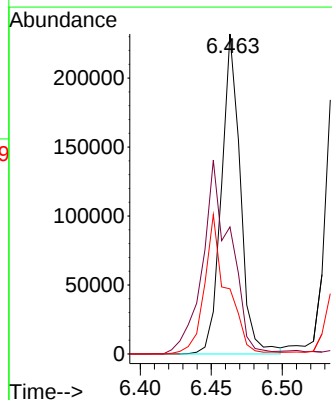
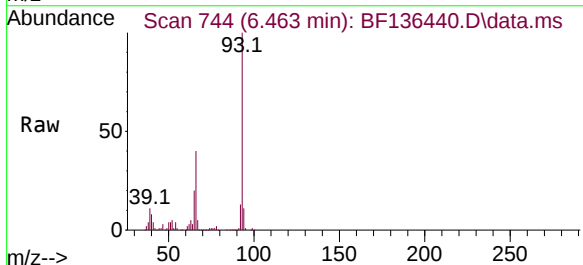
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 440878
Ion Ratio Lower Upper
112 100
64 55.3 46.5 69.7
63 30.5 23.9 35.9



#6
Aniline
Concen: 30.536 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion: 93 Resp: 214554
Ion Ratio Lower Upper
93 100
66 39.7 32.5 48.7
65 20.4 16.4 24.6





#7

Phenol-d6

Concen: 72.213 ng

RT: 6.440 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

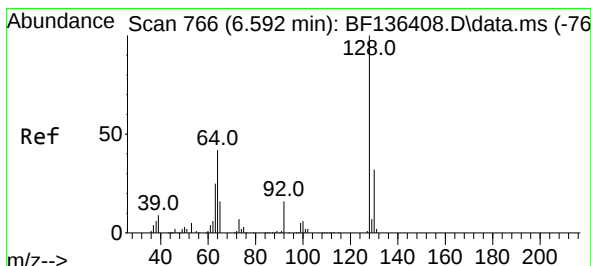
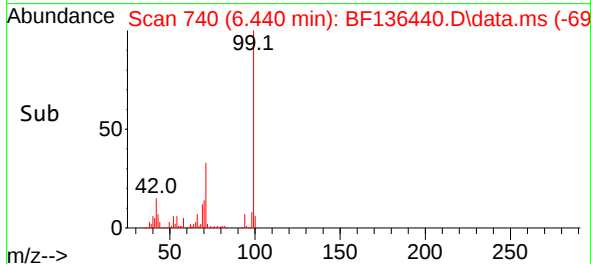
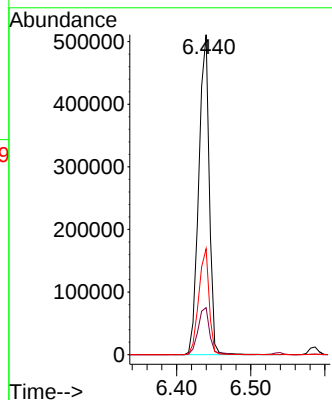
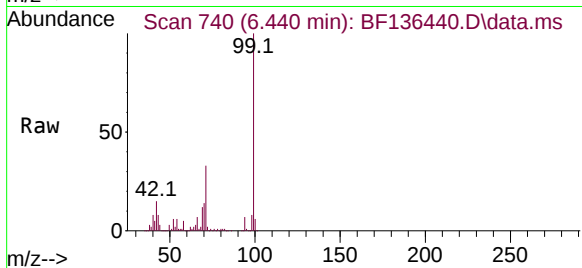
Tgt Ion: 99 Resp: 502051

Ion Ratio Lower Upper

99 100

42 14.7 12.8 19.2

71 33.1 27.0 40.4



#8

2-Chlorophenol

Concen: 34.942 ng

RT: 6.587 min Scan# 765

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

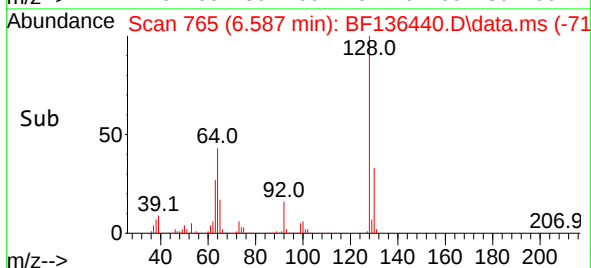
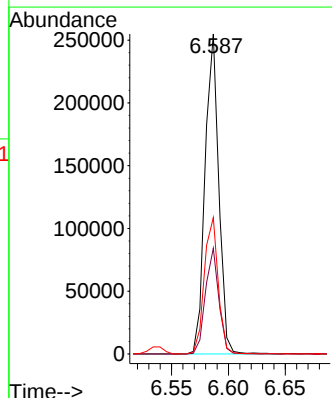
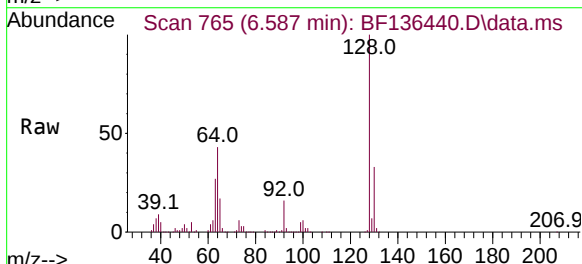
Tgt Ion:128 Resp: 212566

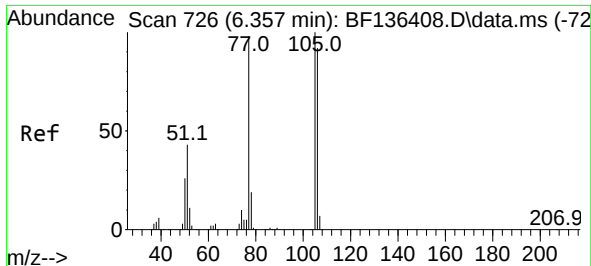
Ion Ratio Lower Upper

128 100

130 33.1 11.7 51.7

64 42.6 22.5 62.5

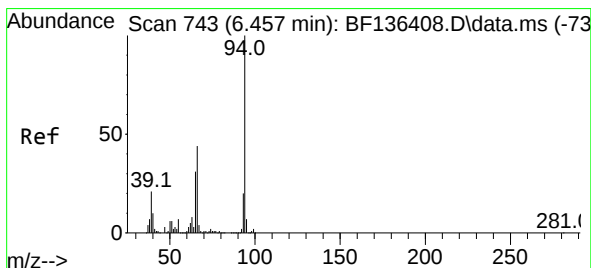
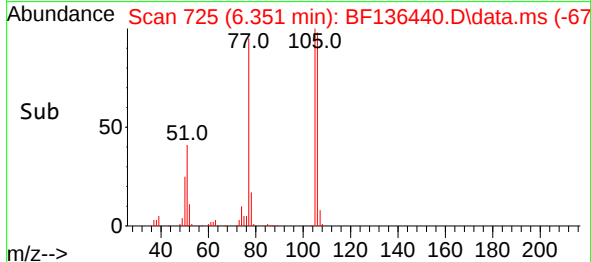
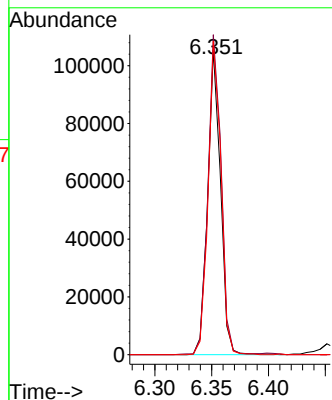
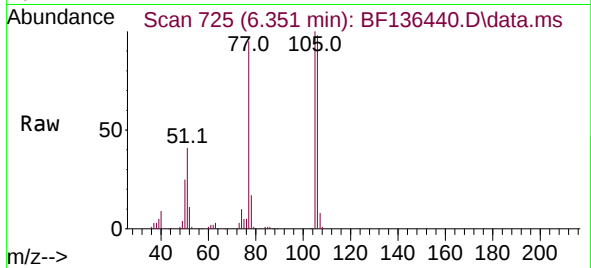




#9
Benzaldehyde
Concen: 20.722 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

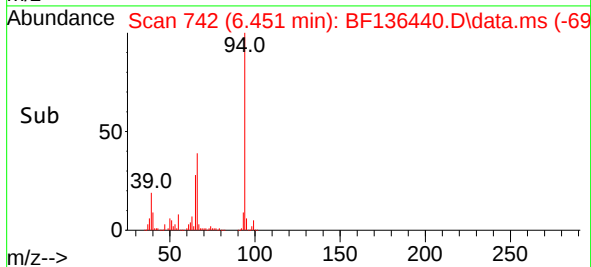
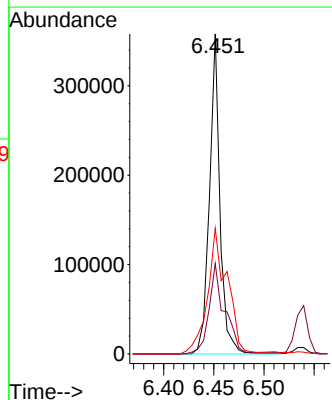
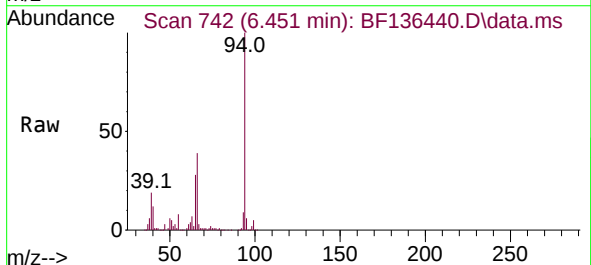
Instrument :
BNA_F
ClientSampleId :

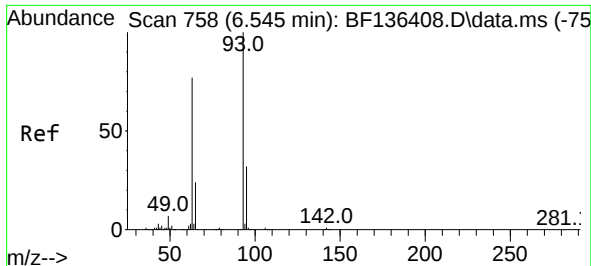
Tgt Ion: 77 Resp: 82181
Ion Ratio Lower Upper
77 100
105 105.0 82.5 122.5
106 102.8 74.5 114.5



#10
Phenol
Concen: 35.242 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion: 94 Resp: 260719
Ion Ratio Lower Upper
94 100
65 28.2 11.2 51.2
66 39.2 24.2 64.2





#11

bis(2-Chloroethyl)ether

Concen: 36.950 ng

RT: 6.540 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

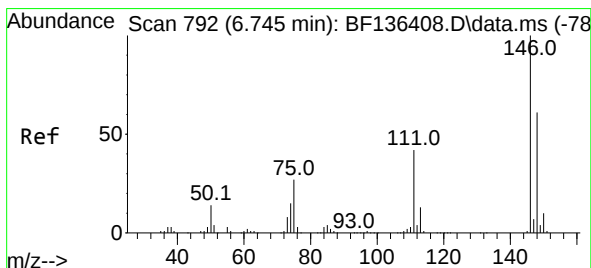
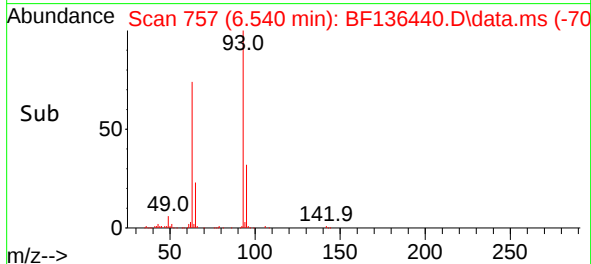
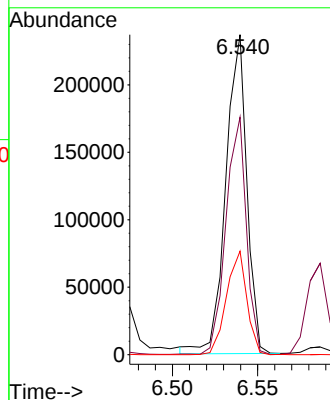
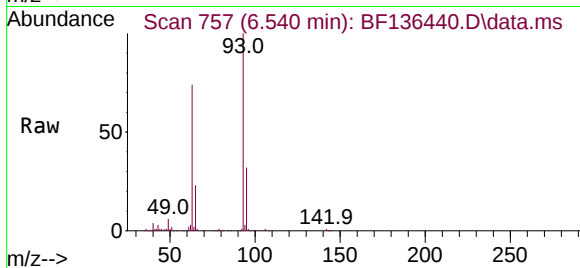
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 93 Resp: 203755

Ion	Ratio	Lower	Upper
93	100		
63	74.2	56.8	96.8
95	32.4	11.8	51.8



#12

1,3-Dichlorobenzene

Concen: 33.421 ng

RT: 6.740 min Scan# 791

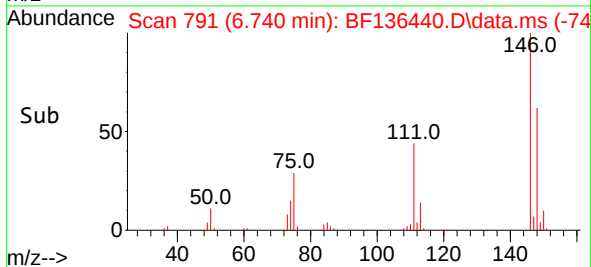
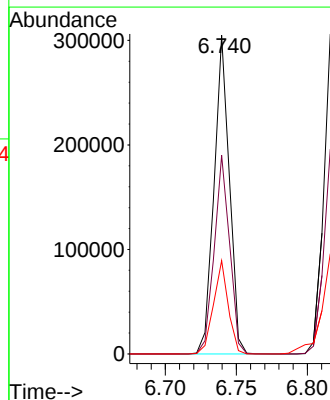
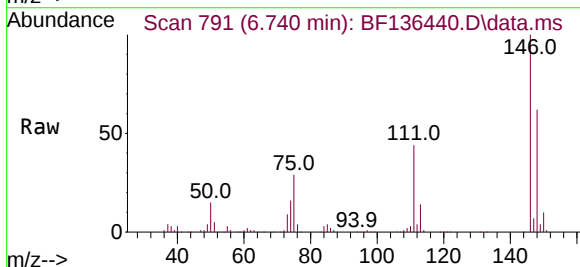
Delta R.T. -0.006 min

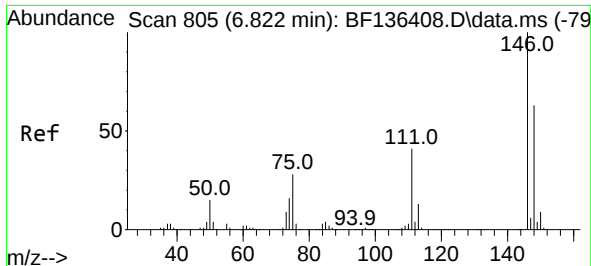
Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Tgt Ion: 146 Resp: 228647

Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.0	73.6
75	29.3	21.8	32.6





#13

1,4-Dichlorobenzene

Concen: 33.293 ng

RT: 6.816 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

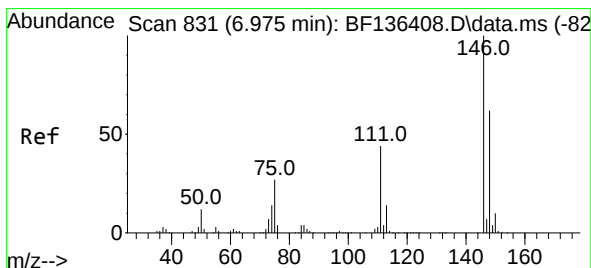
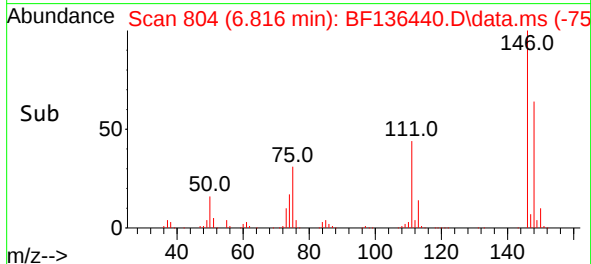
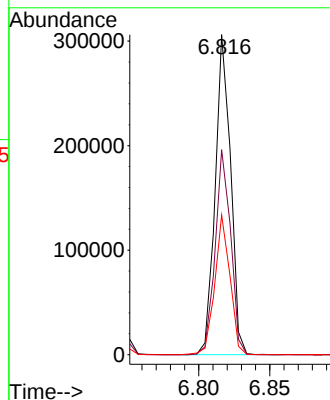
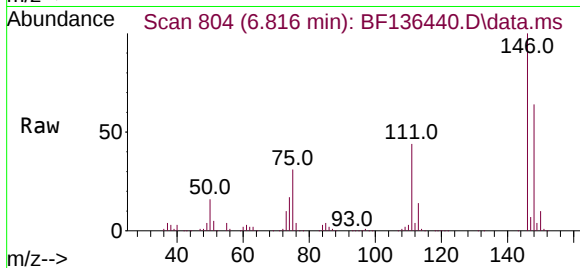
Tgt Ion:146 Resp: 231052

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

111 43.7 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 33.327 ng

RT: 6.969 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

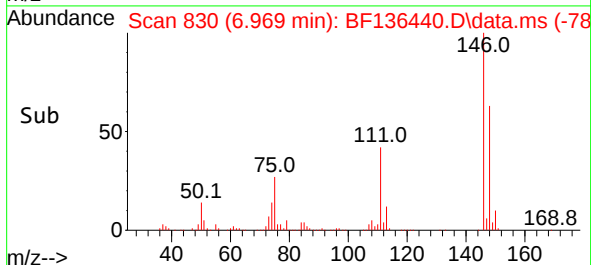
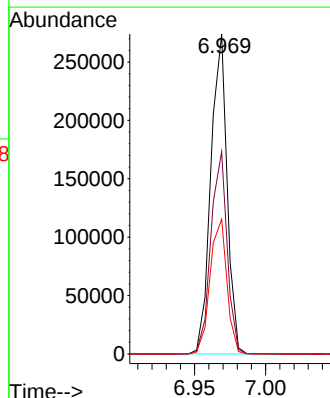
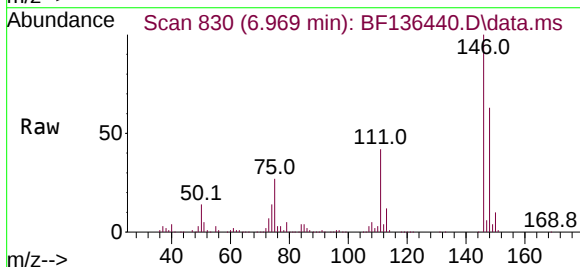
Tgt Ion:146 Resp: 217496

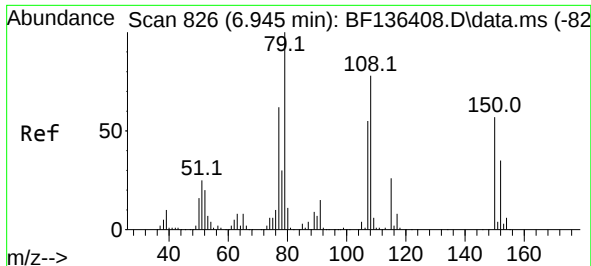
Ion Ratio Lower Upper

146 100

148 63.2 49.8 74.6

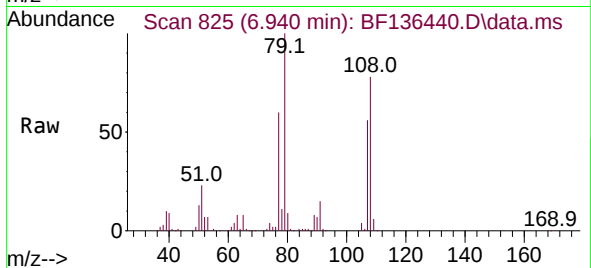
111 42.1 34.9 52.3



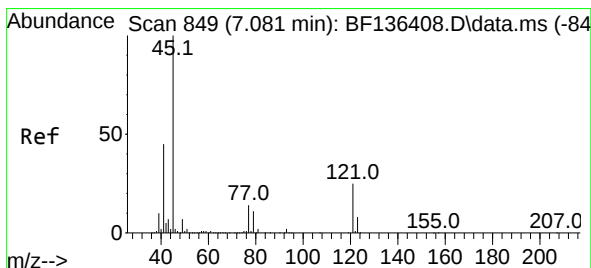
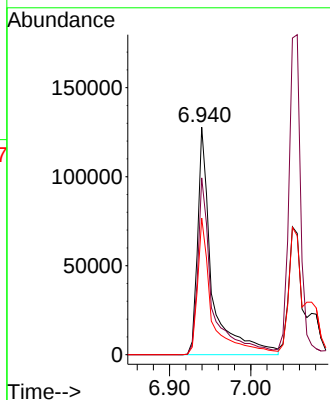
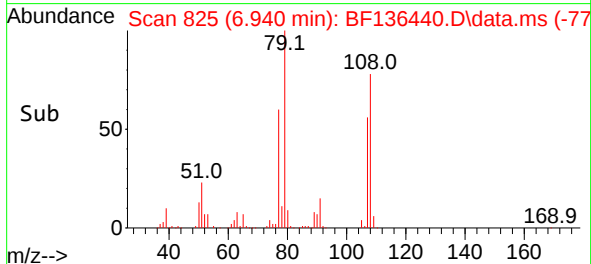


#15
Benzyl Alcohol
Concen: 33.820 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

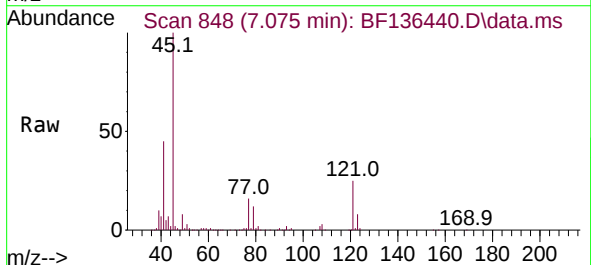
Instrument :
BNA_F
ClientSampleId :



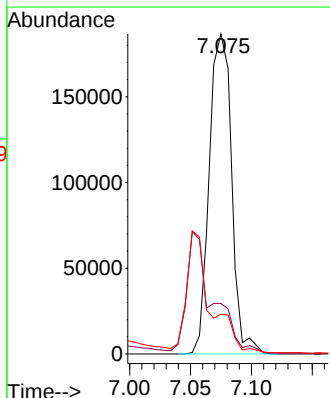
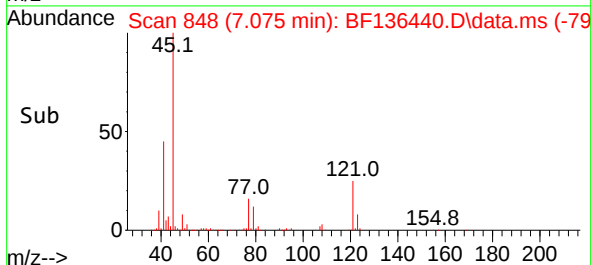
Tgt Ion: 79 Resp: 157451
Ion Ratio Lower Upper
79 100
108 77.7 62.3 93.5
77 60.1 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.558 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26



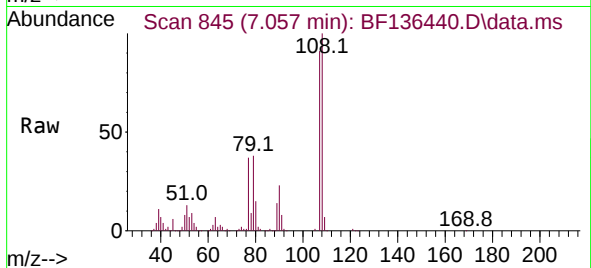
Tgt Ion: 45 Resp: 237998
Ion Ratio Lower Upper
45 100
77 15.8 0.0 35.3
79 12.4 0.0 32.5



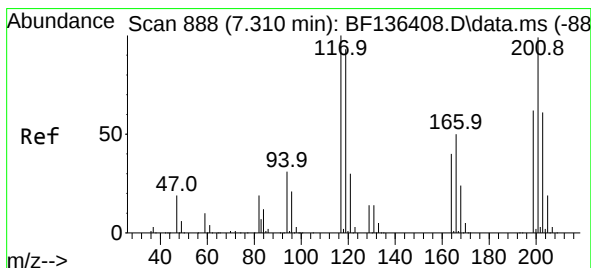
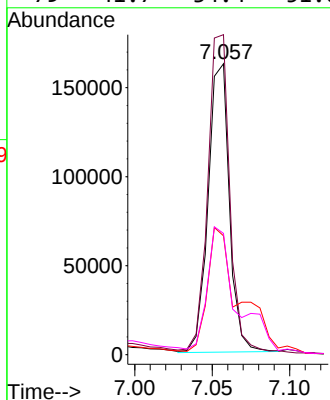
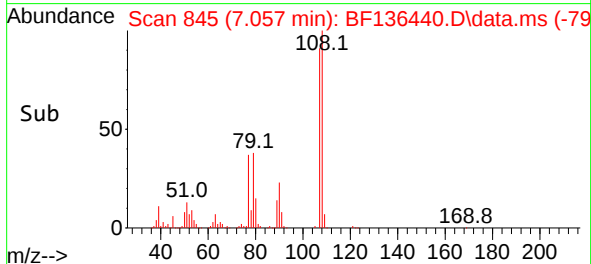


#17
2-Methylphenol
Concen: 31.554 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Instrument :
BNA_F
ClientSampleId :

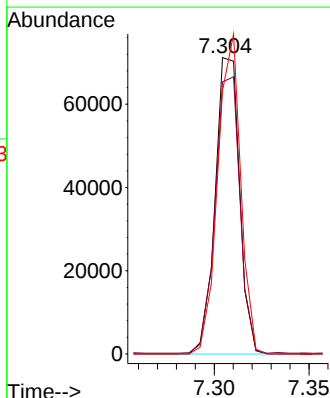
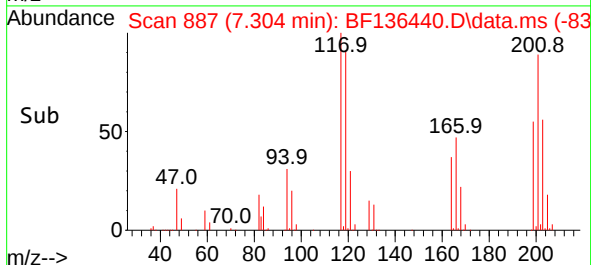
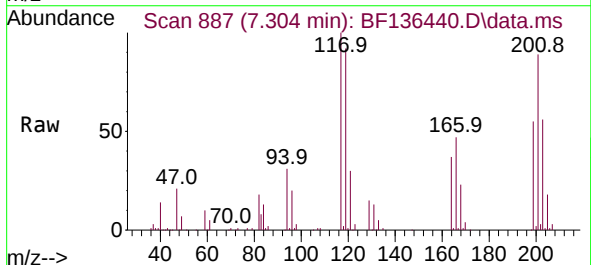


Tgt Ion:	107	Resp:	155081
Ion	Ratio	Lower	Upper
107	100		
108	110.0	86.5	129.7
77	40.8	33.8	50.8
79	41.7	34.4	51.6



#18
Hexachloroethane
Concen: 26.319 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:	117	Resp:	63769
Ion	Ratio	Lower	Upper
117	100		
119	91.8	74.3	111.5
201	88.8	79.3	118.9





#19

n-Nitroso-di-n-propylamine

Concen: 32.849 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.012 min

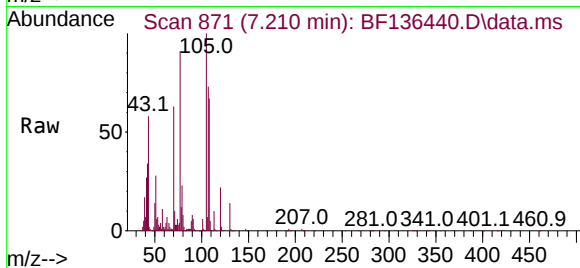
Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 131741

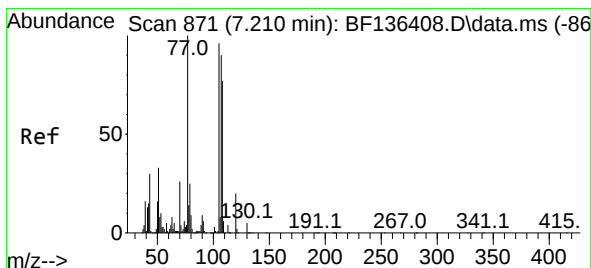
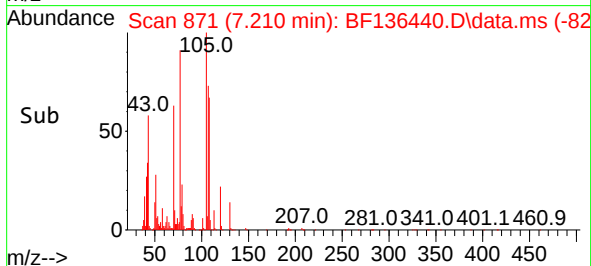
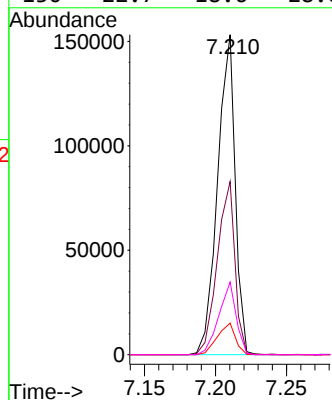
Ion Ratio Lower Upper

70 100

42 54.1 41.4 62.0

101 9.8 8.2 12.4

130 22.7 18.6 28.0



#20

3+4-Methylphenols

Concen: 31.214 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Tgt Ion: 107 Resp: 190416

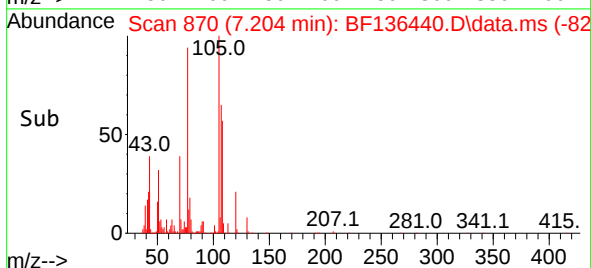
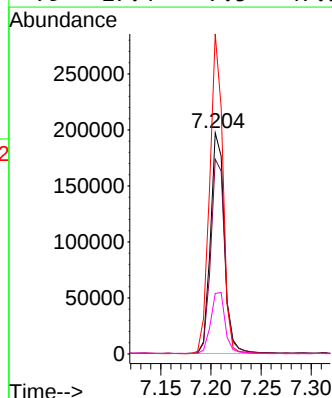
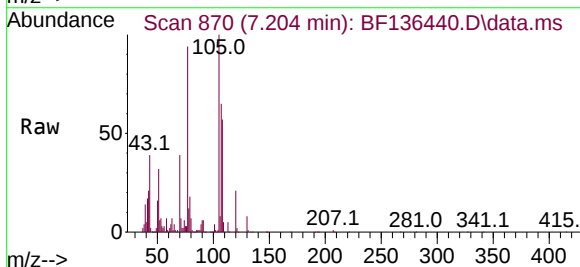
Ion Ratio Lower Upper

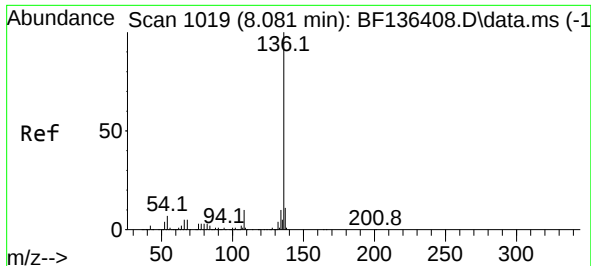
107 100

108 88.1 65.9 105.9

77 144.8 91.7 131.7#

79 27.4 7.5 47.5

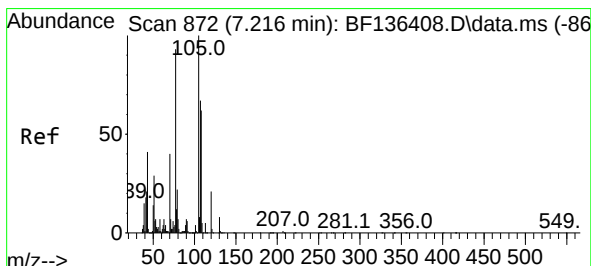
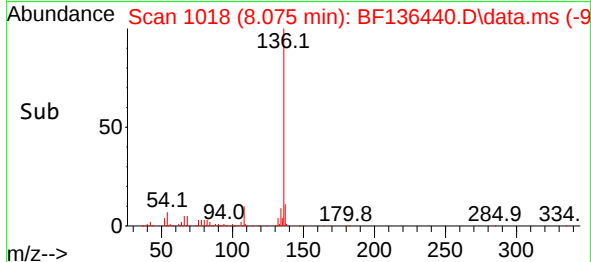
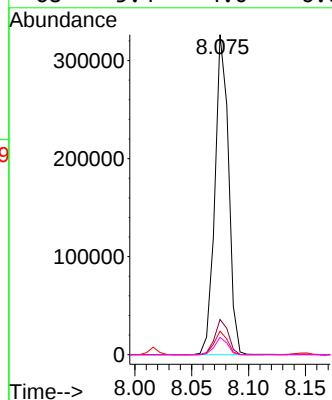
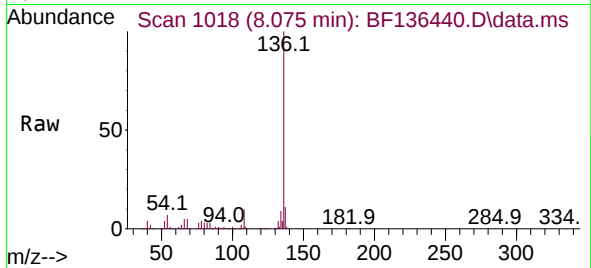




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

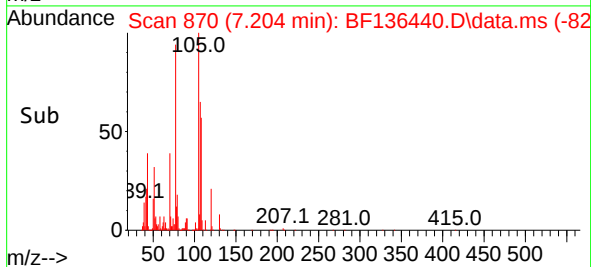
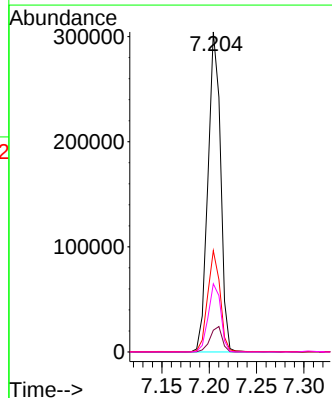
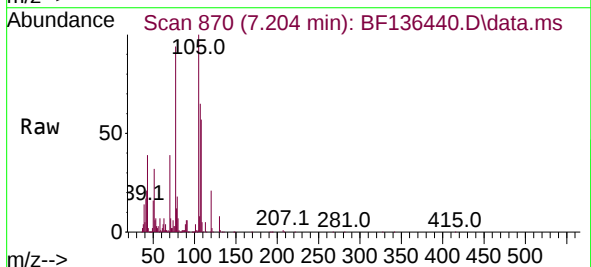
Instrument :
BNA_F
ClientSampleId :

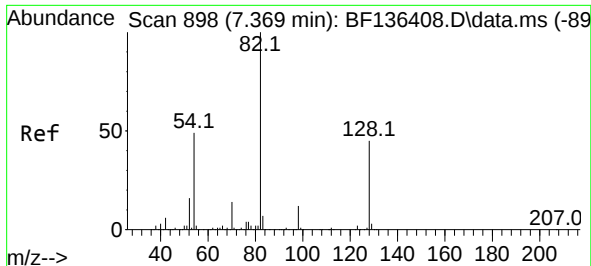
Tgt Ion:136 Resp: 273195
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.3 5.7 8.5
68 5.4 4.0 6.0



#22
Acetophenone
Concen: 41.760 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:105 Resp: 281722
Ion Ratio Lower Upper
105 100
71 6.8 5.4 8.0
51 31.7 23.4 35.2
120 21.3 16.6 24.8

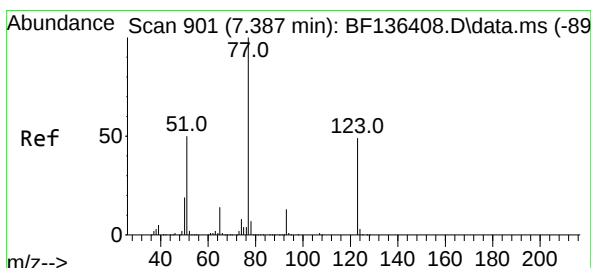
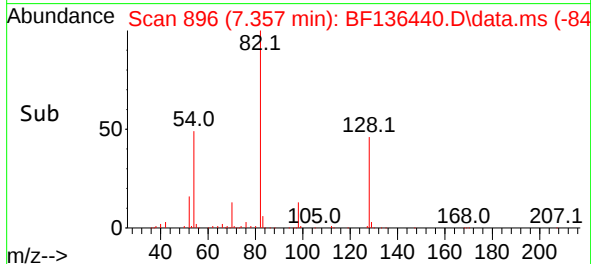
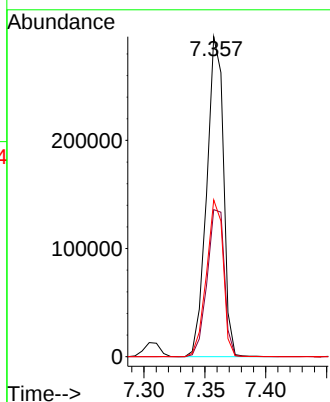
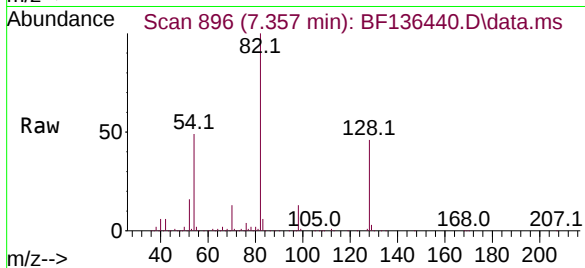




#23
Nitrobenzene-d5
Concen: 56.031 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

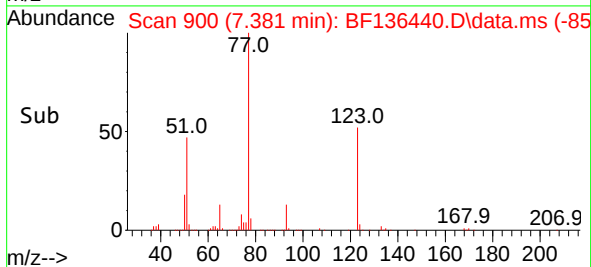
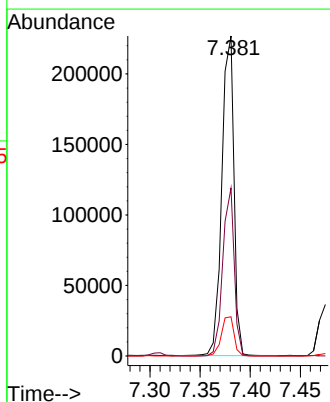
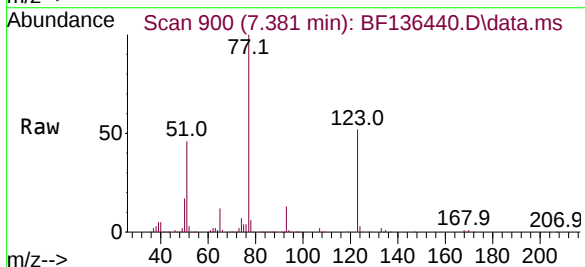
Instrument :
BNA_F
ClientSampleId :

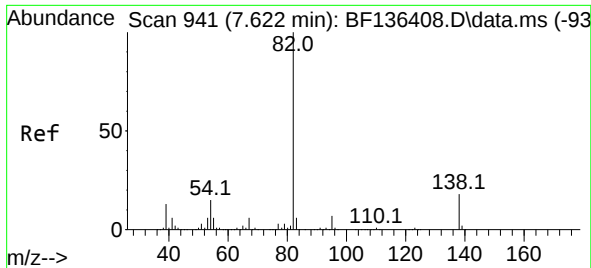
Tgt Ion: 82 Resp: 283155
Ion Ratio Lower Upper
82 100
128 46.0 36.3 54.5
54 49.0 39.0 58.6



#24
Nitrobenzene
Concen: 37.319 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion: 77 Resp: 189721
Ion Ratio Lower Upper
77 100
123 52.5 39.0 58.6
65 12.2 11.3 16.9

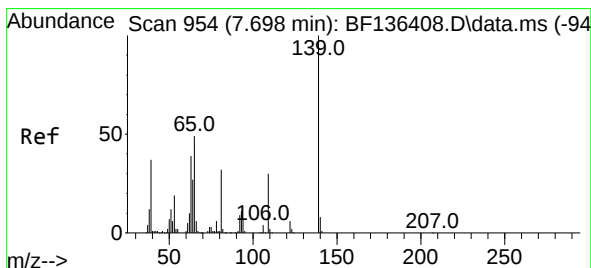
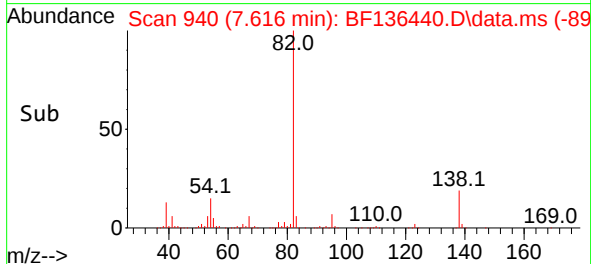
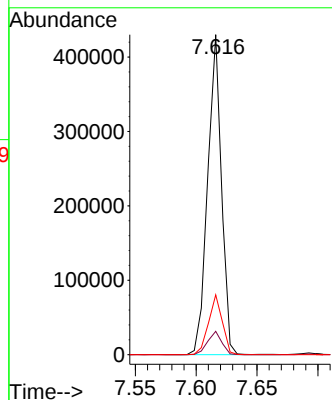
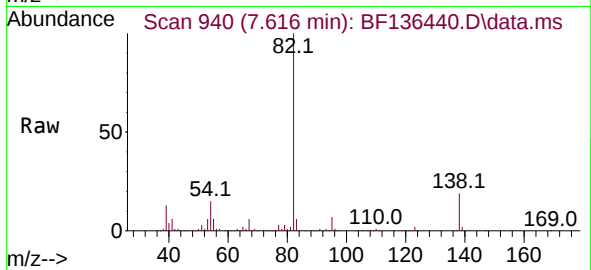




#25
Isophorone
Concen: 37.239 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

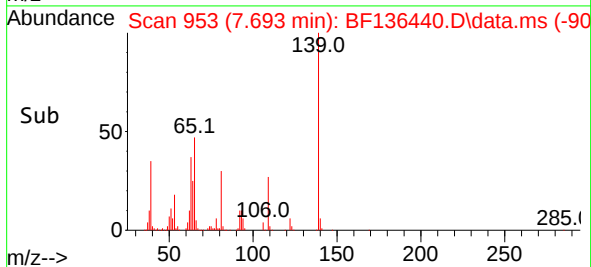
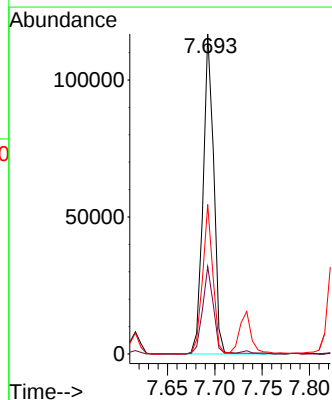
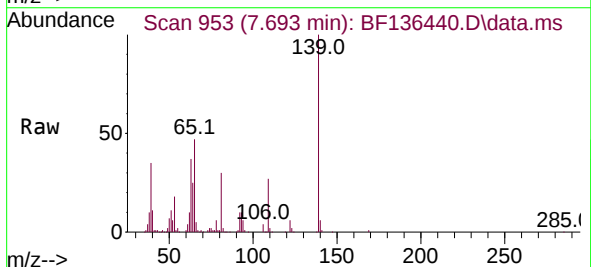
Instrument :
BNA_F
ClientSampleId :

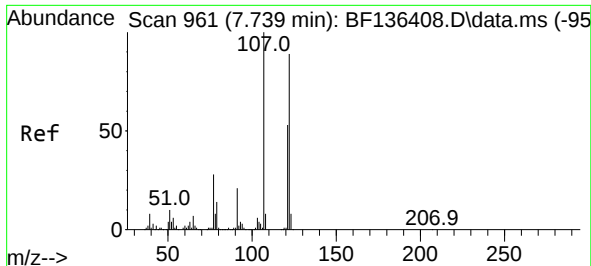
Tgt Ion: 82 Resp: 338103
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.7 14.5 21.7



#26
2-Nitrophenol
Concen: 36.697 ng
RT: 7.693 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:139 Resp: 91715
Ion Ratio Lower Upper
139 100
109 27.3 23.6 35.4
65 46.7 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 46.880 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

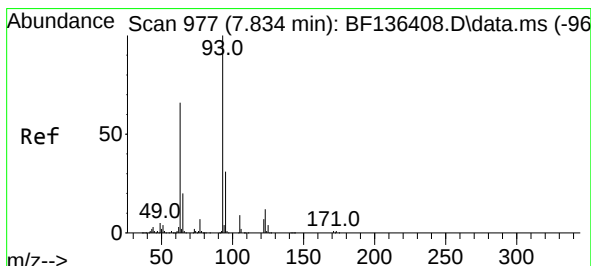
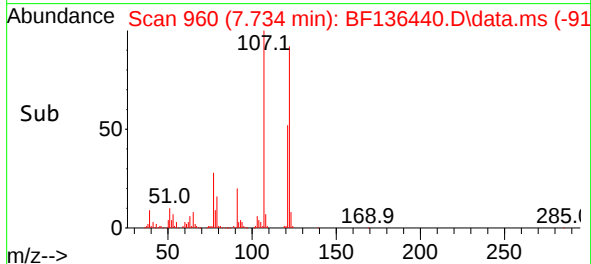
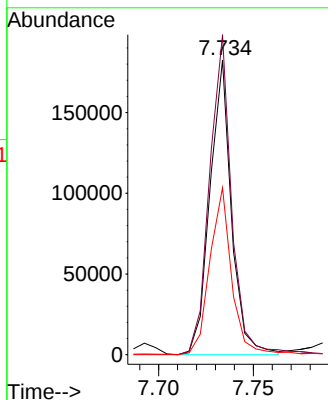
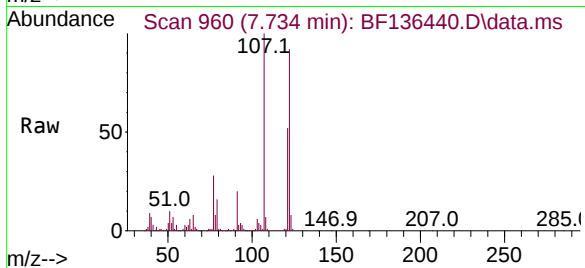
Tgt Ion:122 Resp: 144472

Ion Ratio Lower Upper

122 100

107 108.5 89.3 133.9

121 56.6 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 37.421 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

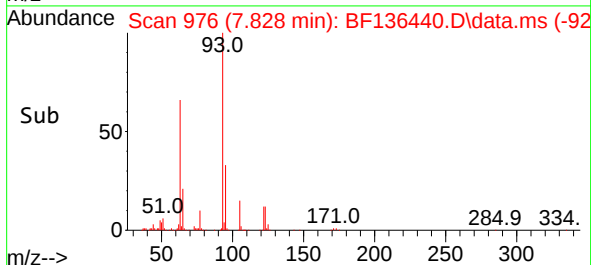
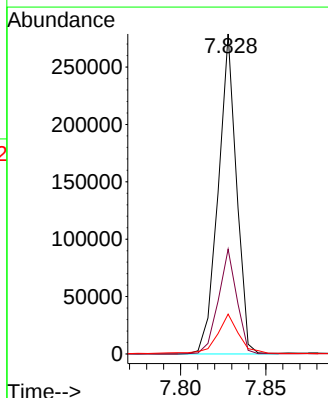
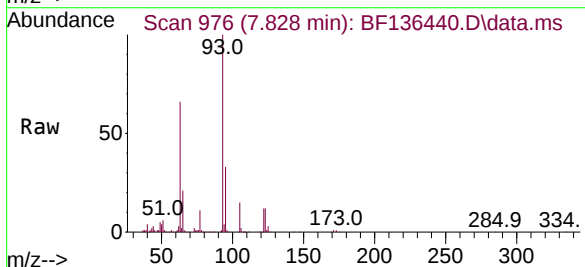
Tgt Ion: 93 Resp: 208770

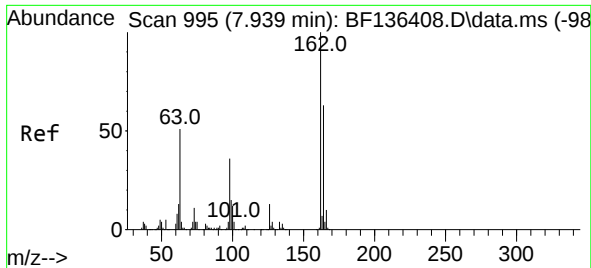
Ion Ratio Lower Upper

93 100

95 32.8 25.0 37.4

123 12.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 36.597 ng

RT: 7.934 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

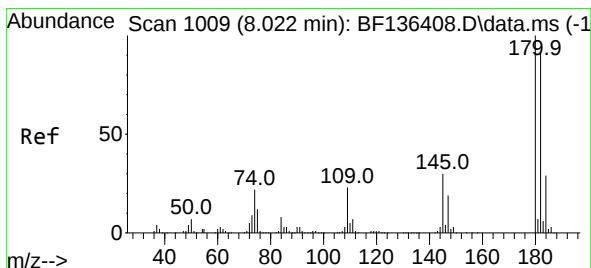
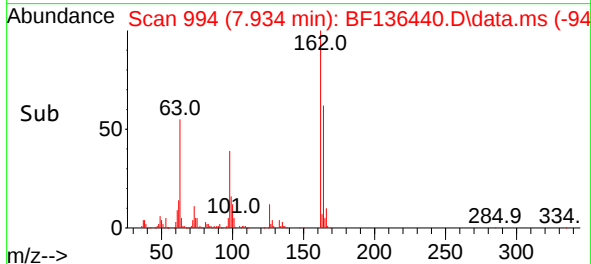
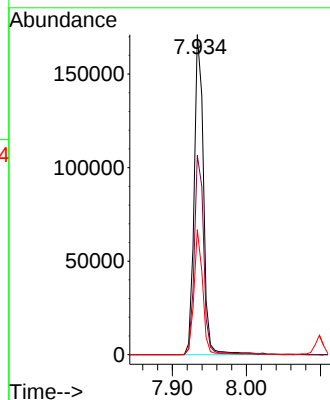
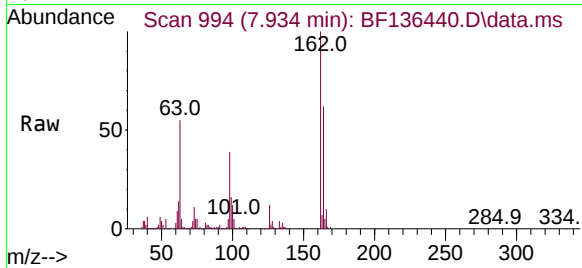
Tgt Ion:162 Resp: 148864

Ion Ratio Lower Upper

162 100

164 62.3 43.0 83.0

98 39.1 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 36.046 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

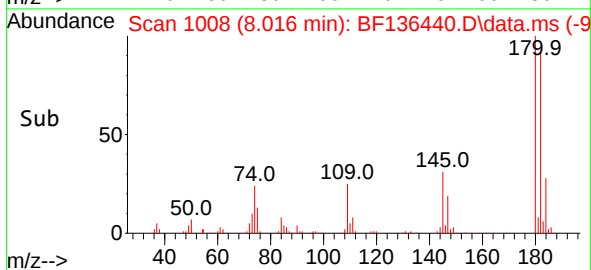
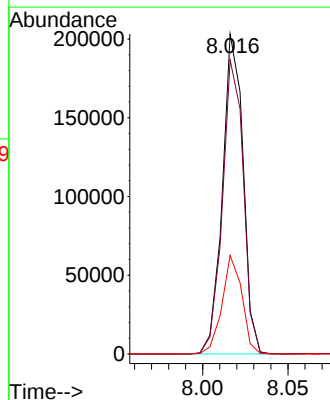
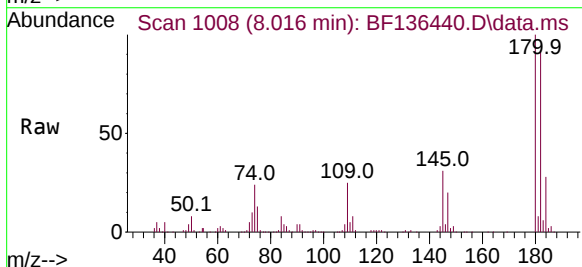
Tgt Ion:180 Resp: 170971

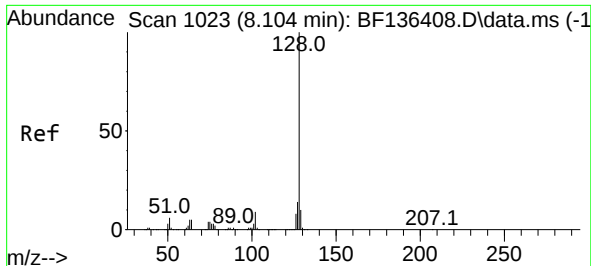
Ion Ratio Lower Upper

180 100

182 91.9 73.1 109.7

145 30.8 23.8 35.8

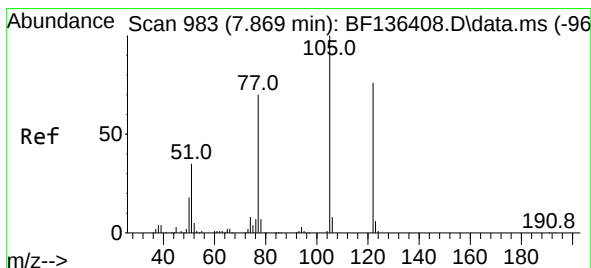
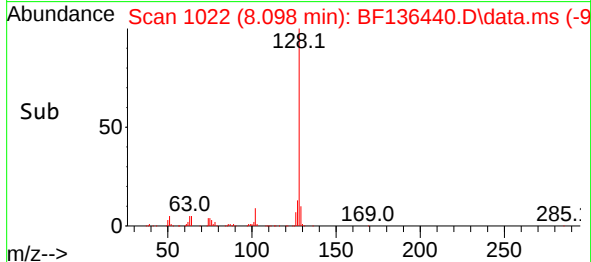
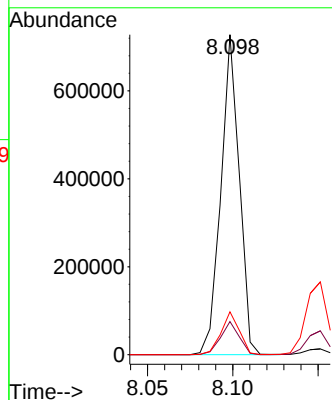
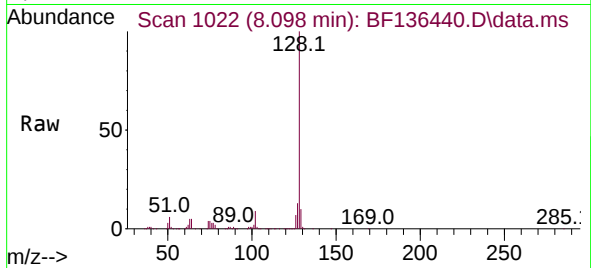




#31
Naphthalene
Concen: 36.307 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

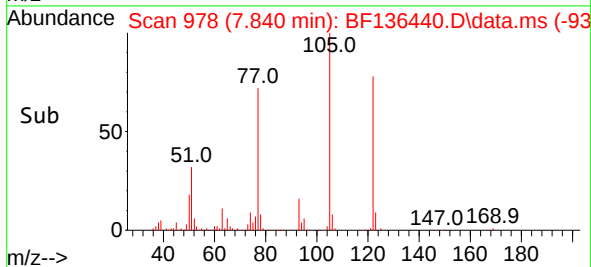
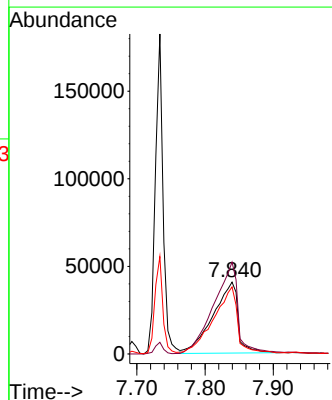
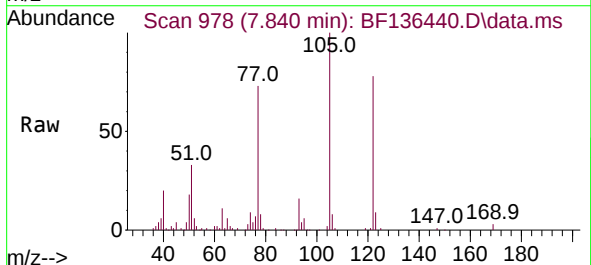
Instrument :
BNA_F
ClientSampleId :

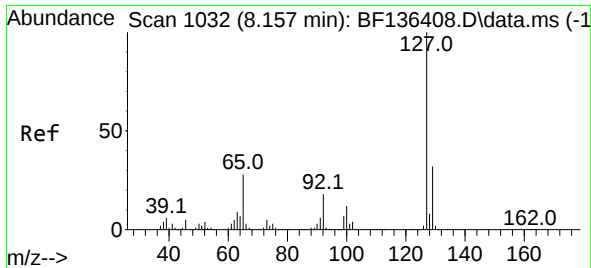
Tgt Ion:128 Resp: 546981
Ion Ratio Lower Upper
128 100
129 10.4 8.3 12.5
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 34.095 ng
RT: 7.840 min Scan# 978
Delta R.T. -0.029 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:122 Resp: 104233
Ion Ratio Lower Upper
122 100
105 127.9 104.7 144.7
77 93.5 68.5 108.5





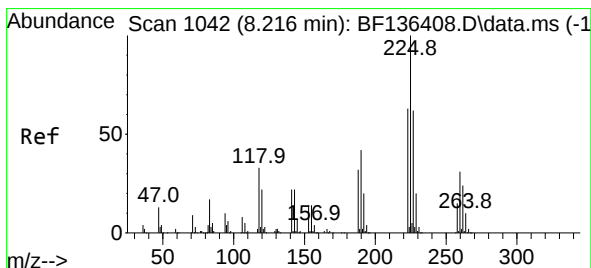
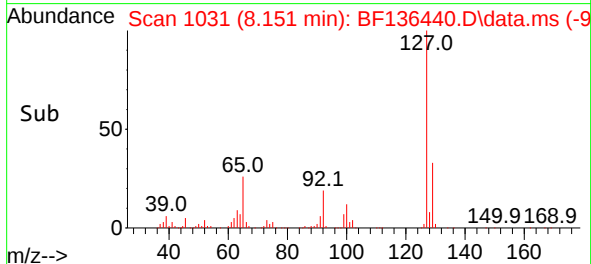
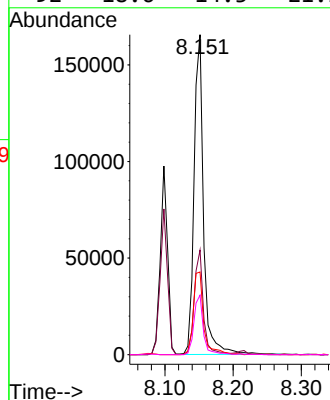
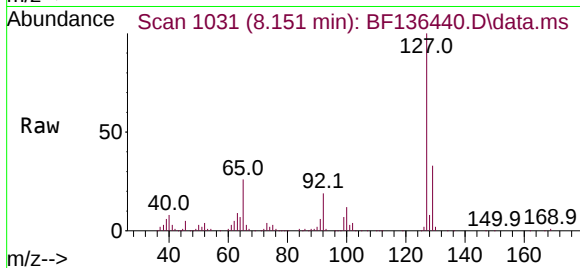
#33
4-Chloroaniline
Concen: 29.710 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

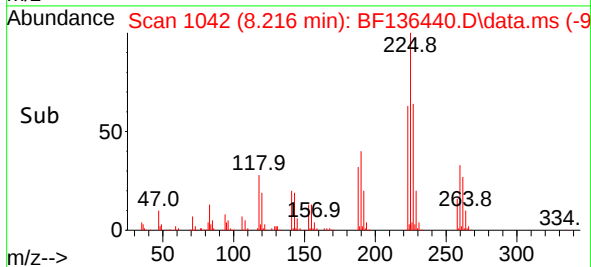
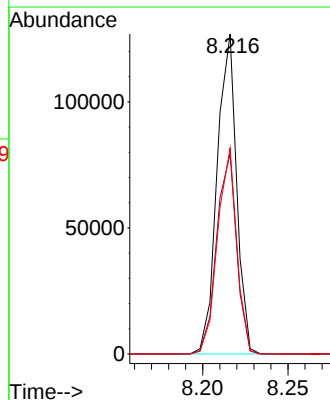
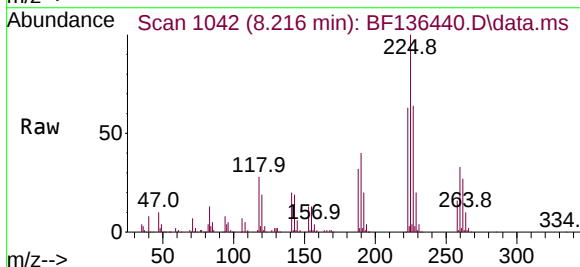
ClientSampleId :

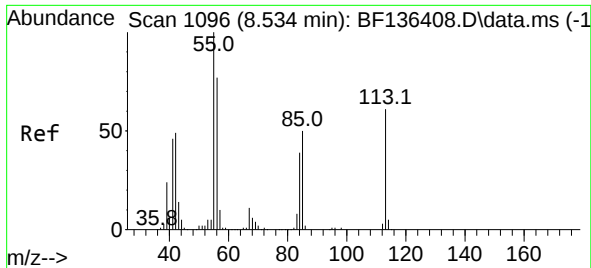
Tgt Ion:127 Resp: 159575
Ion Ratio Lower Upper
127 100
129 32.7 25.4 38.2
65 25.9 22.5 33.7
92 18.6 14.3 21.5



#34
Hexachlorobutadiene
Concen: 35.857 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:225 Resp: 100795
Ion Ratio Lower Upper
225 100
223 62.5 50.8 76.2
227 64.4 49.8 74.8

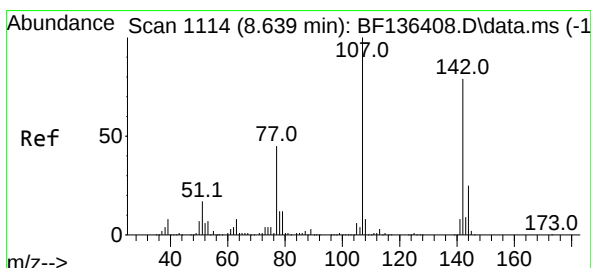
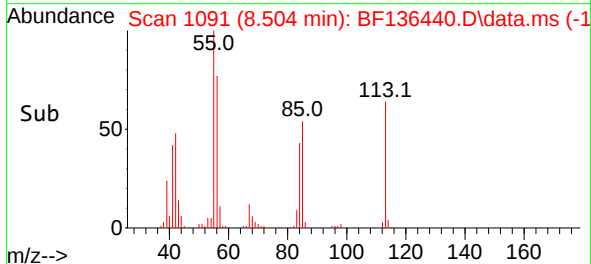
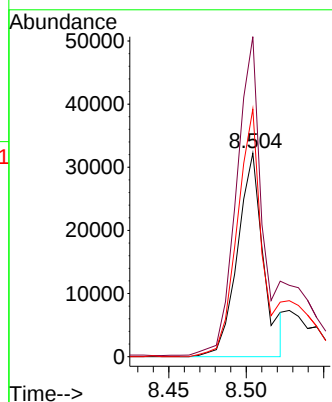
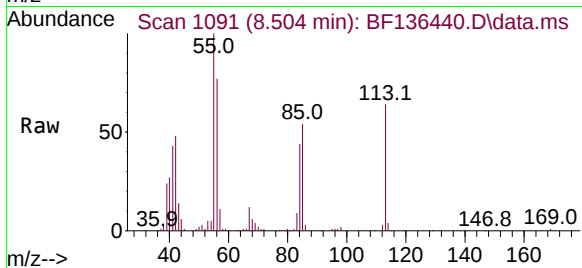




#35
 Caprolactam
 Concen: 30.026 ng
 RT: 8.504 min Scan# 1109
 Delta R.T. -0.029 min
 Lab File: BF136440.D
 Acq: 06 Dec 2023 21:26

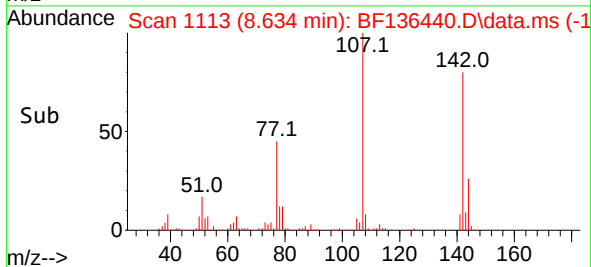
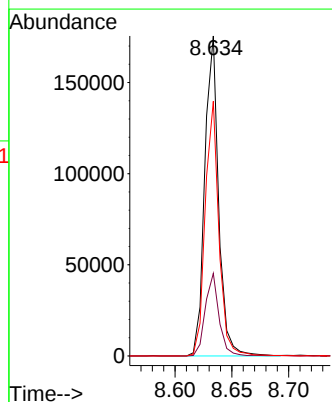
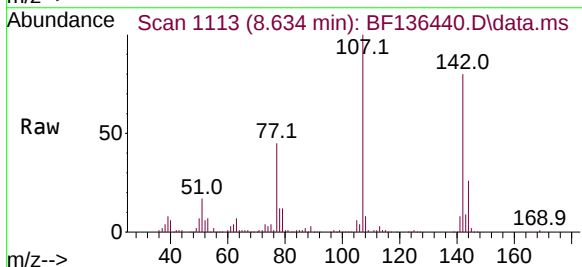
Instrument :
 BNA_F
 ClientSampleId :

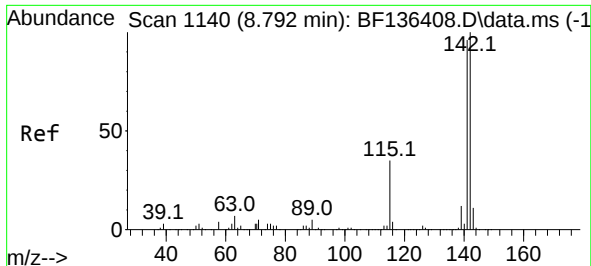
Tgt Ion:113 Resp: 37612
 Ion Ratio Lower Upper
 113 100
 55 157.3 143.7 183.7
 56 121.7 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 34.505 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. -0.006 min
 Lab File: BF136440.D
 Acq: 06 Dec 2023 21:26

Tgt Ion:107 Resp: 149027
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.1 30.1
 142 79.6 63.1 94.7





#37

2-Methylnaphthalene

Concen: 34.208 ng

RT: 8.792 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

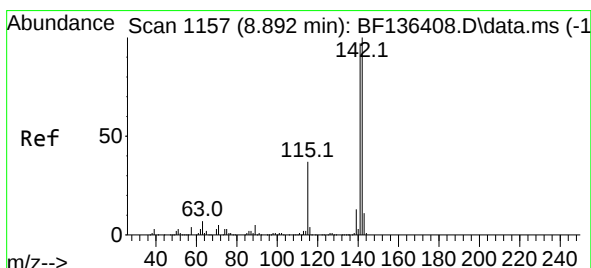
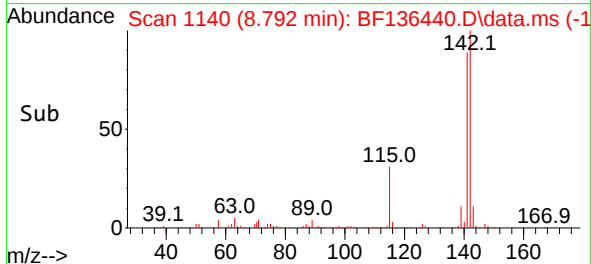
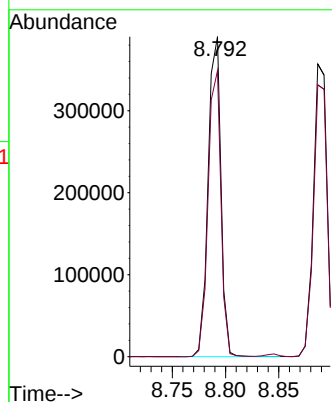
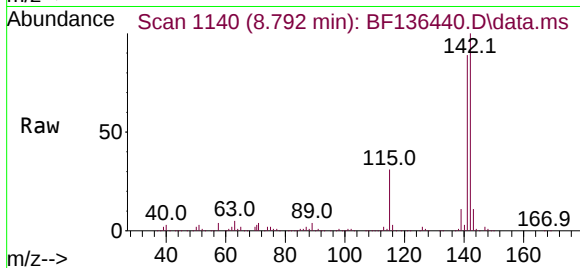
ClientSampleId :

Tgt Ion:142 Resp: 327873

Ion Ratio Lower Upper

142 100

141 89.4 76.4 114.6



#38

1-Methylnaphthalene

Concen: 33.536 ng

RT: 8.887 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF136440.D

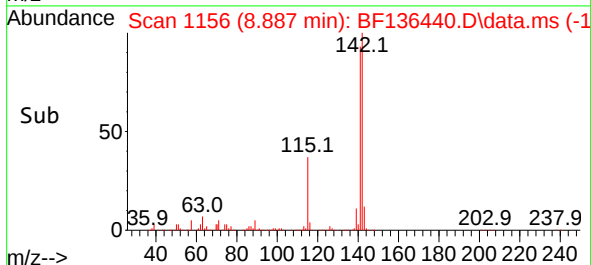
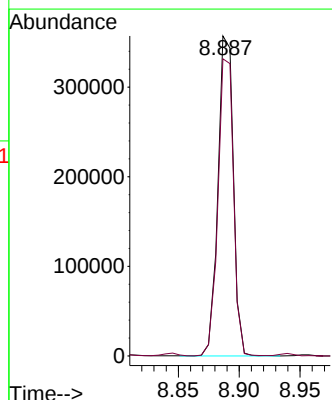
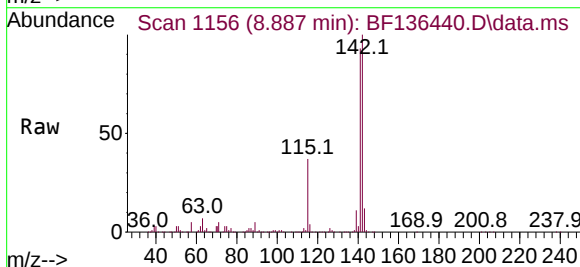
Acq: 06 Dec 2023 21:26

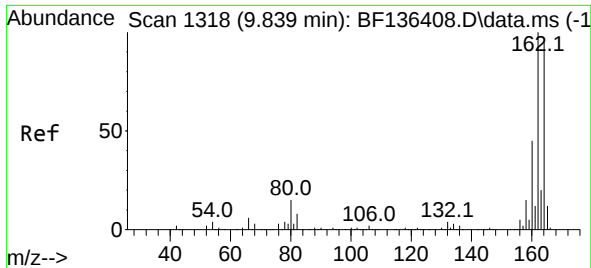
Tgt Ion:142 Resp: 315411

Ion Ratio Lower Upper

142 100

141 92.9 77.7 116.5

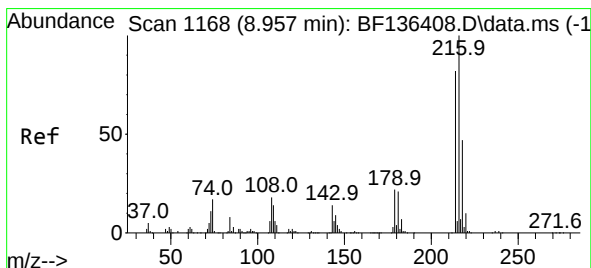
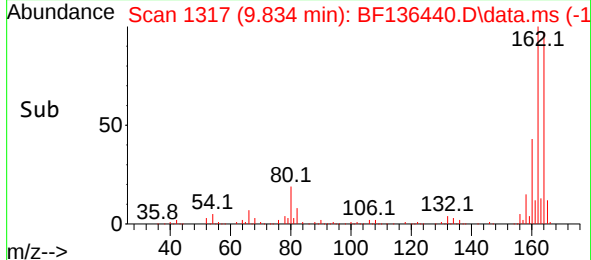
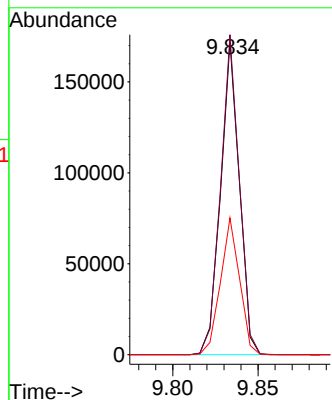
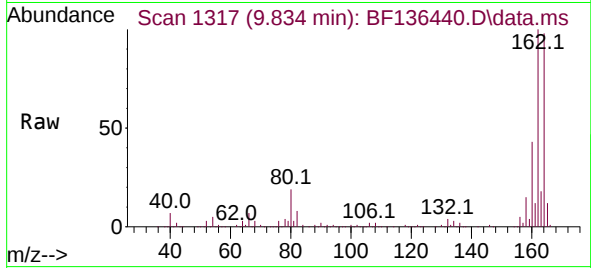




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

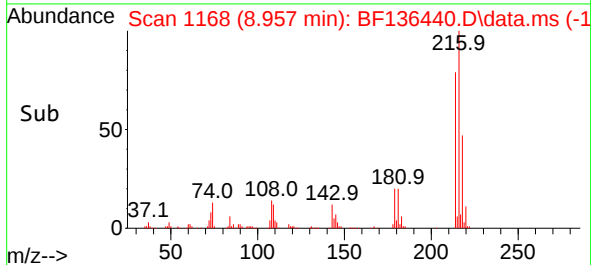
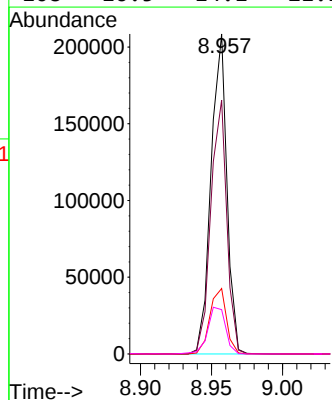
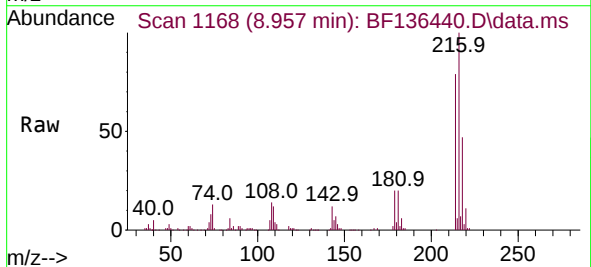
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 131749
Ion Ratio Lower Upper
164 100
162 102.3 84.4 126.6
160 43.7 37.6 56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.569 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:216 Resp: 162189
Ion Ratio Lower Upper
216 100
214 79.9 64.1 96.1
179 21.5 17.0 25.6
108 16.5 14.1 21.1

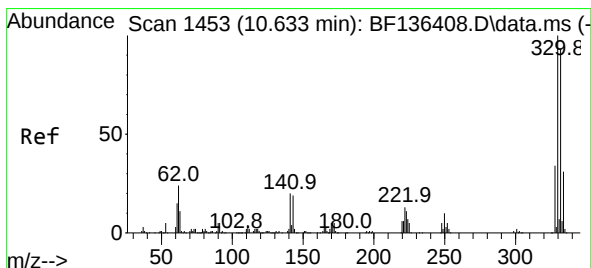
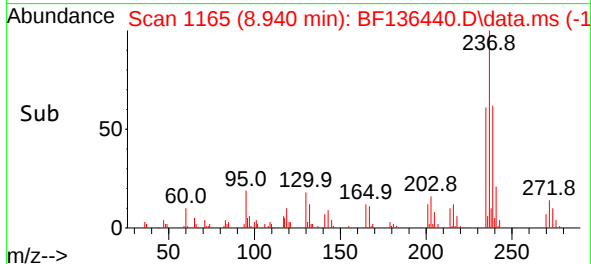
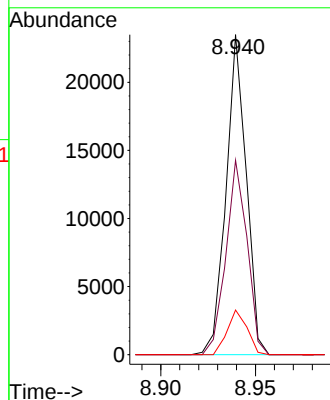
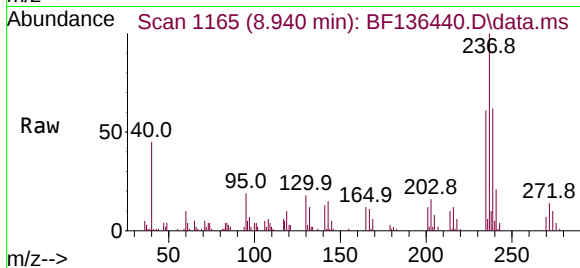




#41
Hexachlorocyclopentadiene
Concen: 11.492 ng
RT: 8.940 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

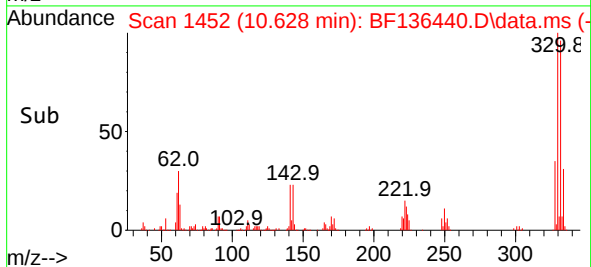
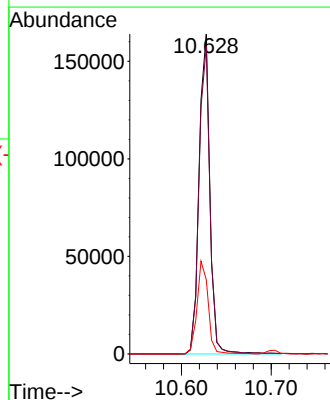
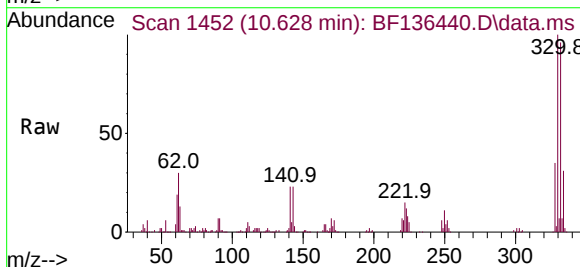
Instrument :
BNA_F
ClientSampleId :

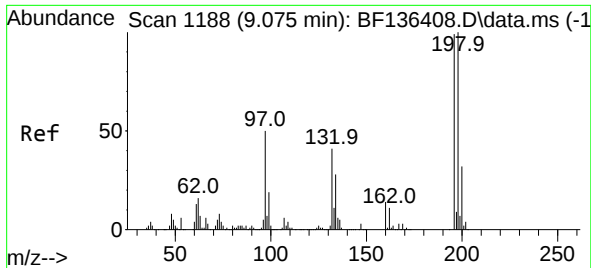
Tgt Ion:237 Resp: 17451
Ion Ratio Lower Upper
237 100
235 60.7 44.1 84.1
272 13.9 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 84.336 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:330 Resp: 137002
Ion Ratio Lower Upper
330 100
332 96.9 76.4 114.6
141 29.9 23.4 35.2

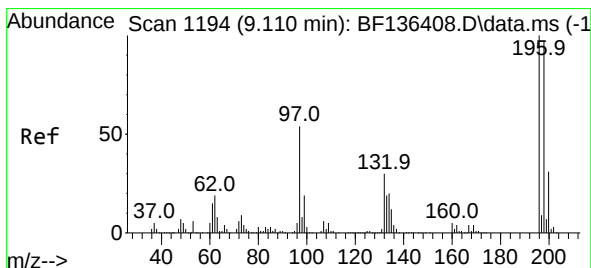
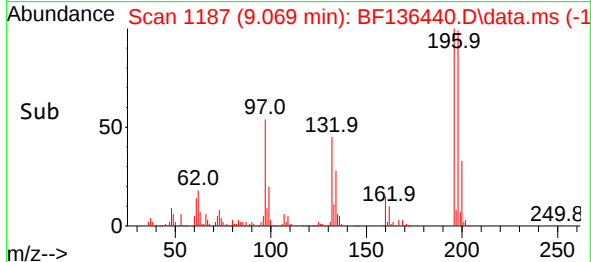
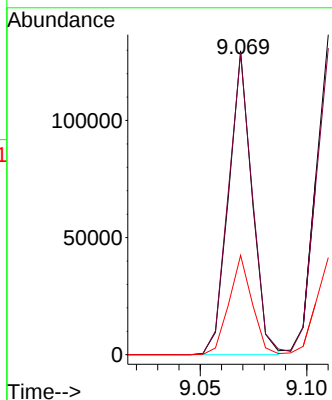
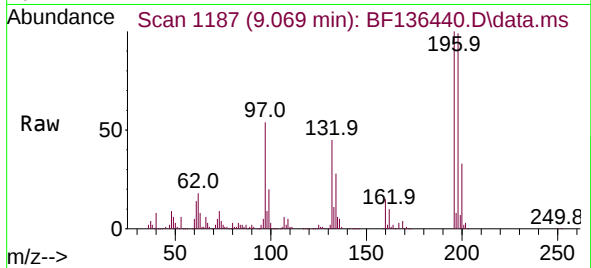




#43
2,4,6-Trichlorophenol
Concen: 36.996 ng
RT: 9.069 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

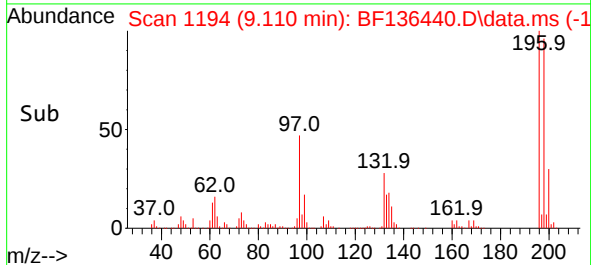
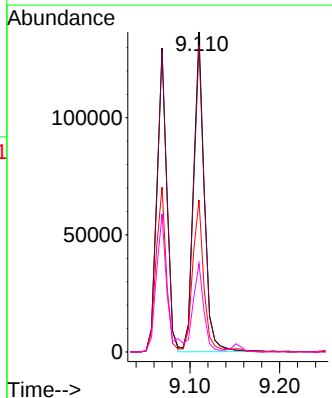
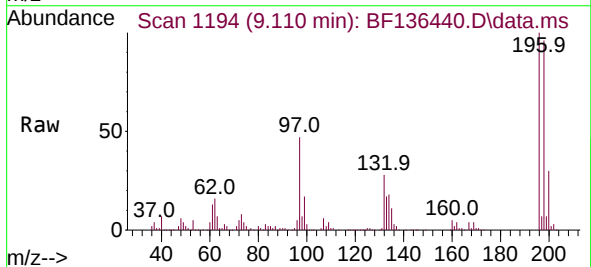
Instrument :
BNA_F
ClientSampleId :

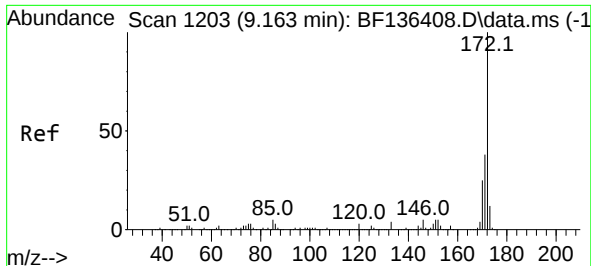
Tgt Ion:196 Resp: 98738
Ion Ratio Lower Upper
196 100
198 99.3 80.4 120.6
200 32.7 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 38.080 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:196 Resp: 113430
Ion Ratio Lower Upper
196 100
198 95.8 78.1 117.1
97 47.5 43.4 65.2
132 27.6 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 53.791 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

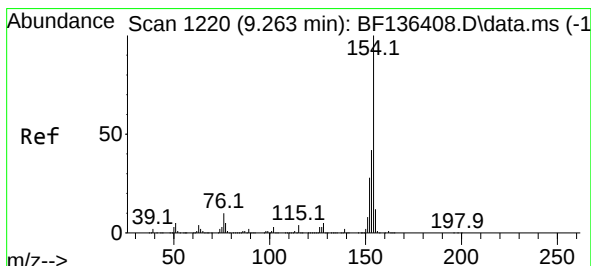
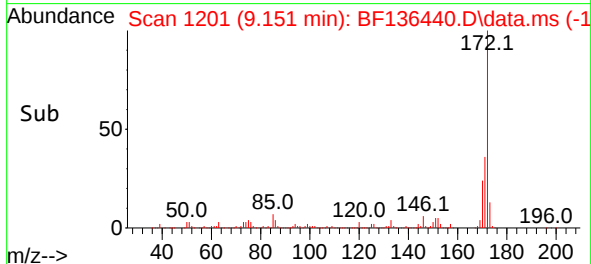
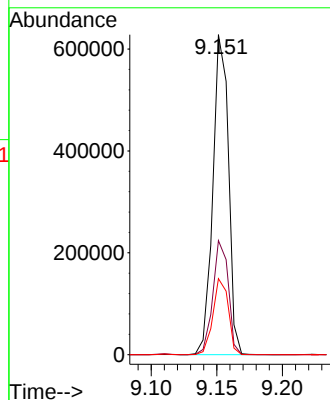
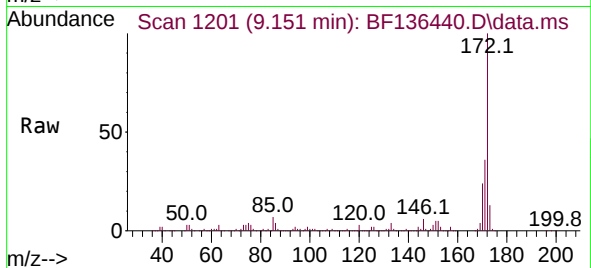
Tgt Ion:172 Resp: 519373

Ion Ratio Lower Upper

172 100

171 35.7 30.5 45.7

170 23.8 19.9 29.9



#46

1,1'-Biphenyl

Concen: 37.641 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

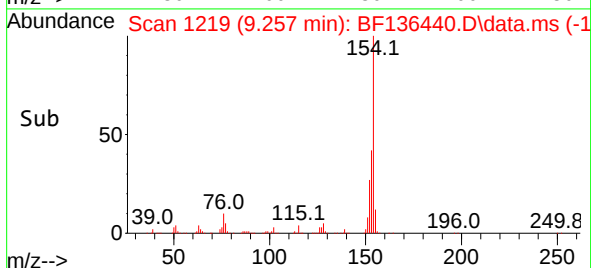
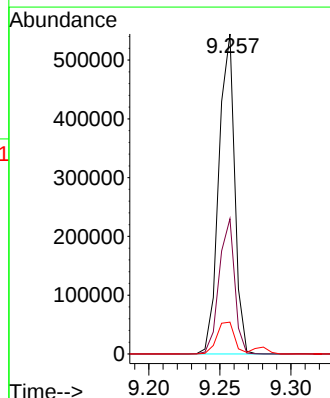
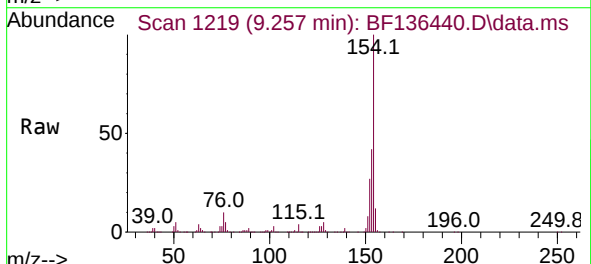
Tgt Ion:154 Resp: 421970

Ion Ratio Lower Upper

154 100

153 42.2 22.5 62.5

76 10.0 0.0 29.9





#47

2-Chloronaphthalene

Concen: 36.403 ng

RT: 9.281 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

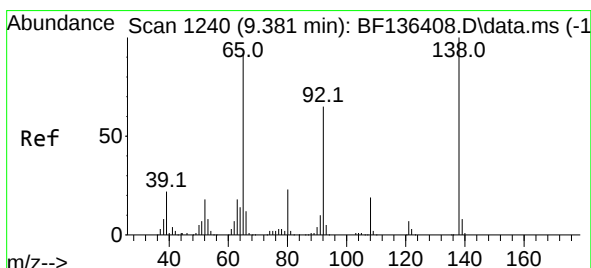
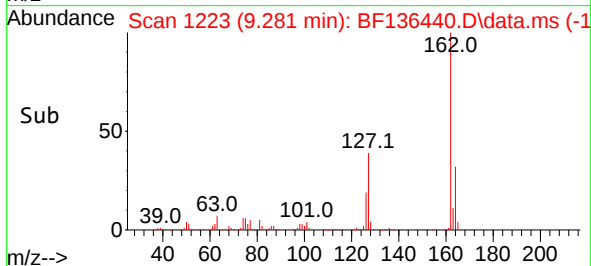
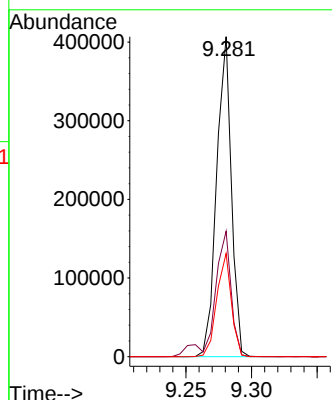
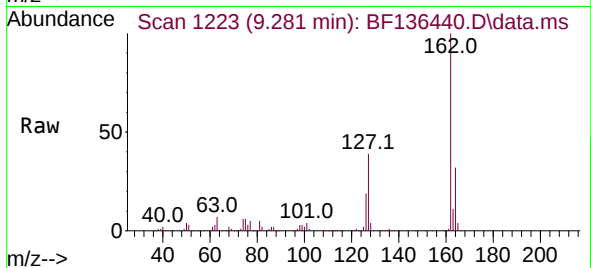
Tgt Ion:162 Resp: 317633

Ion Ratio Lower Upper

162 100

127 39.2 31.1 46.7

164 32.2 24.6 37.0



#48

2-Nitroaniline

Concen: 41.691 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

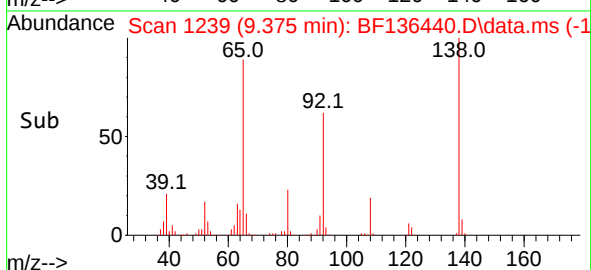
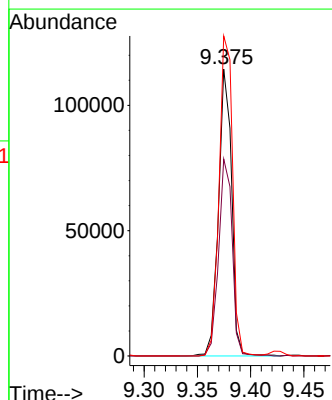
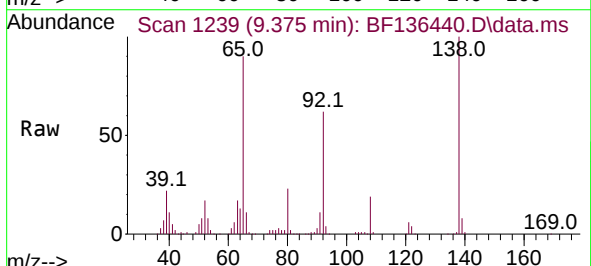
Tgt Ion: 65 Resp: 97565

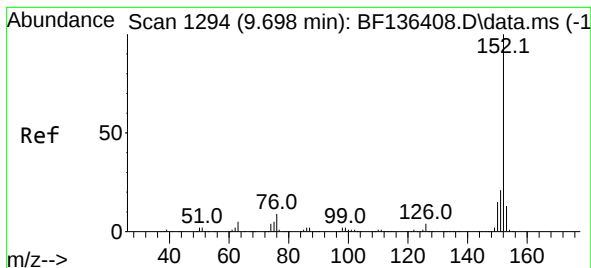
Ion Ratio Lower Upper

65 100

92 68.7 56.1 84.1

138 111.5 86.7 130.1





#49

Acenaphthylene

Concen: 40.222 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.006 min

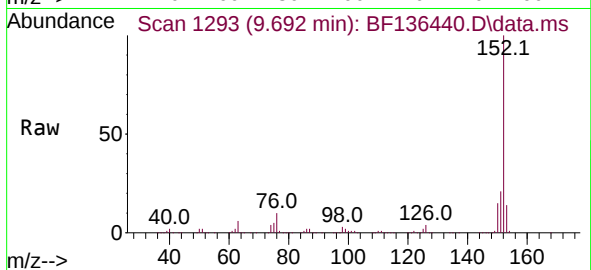
Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

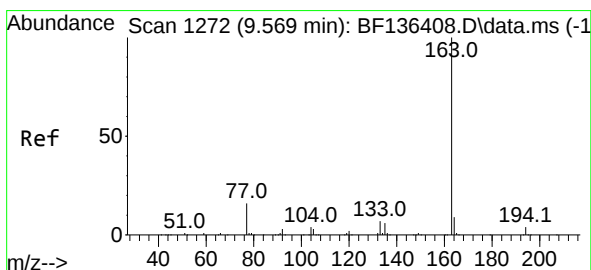
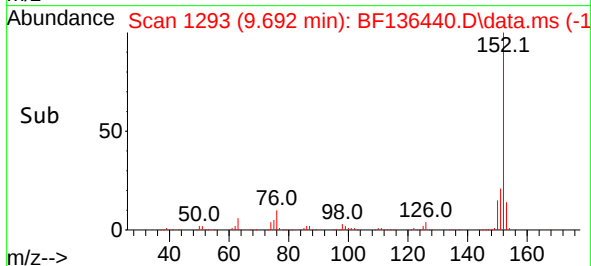
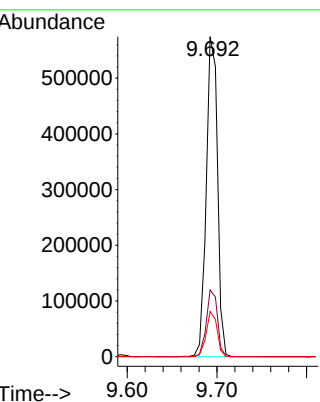
BNA_F

ClientSampleId :



Tgt Ion:152 Resp: 499938

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.2	25.8
153	14.1	10.6	15.8



#50

Dimethylphthalate

Concen: 36.694 ng

RT: 9.557 min Scan# 1270

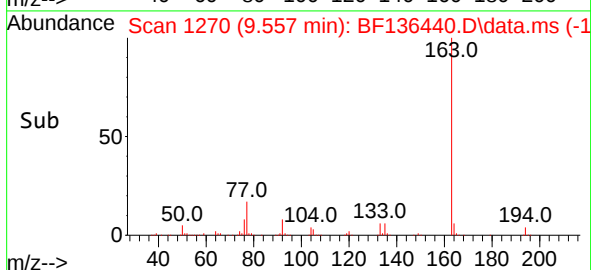
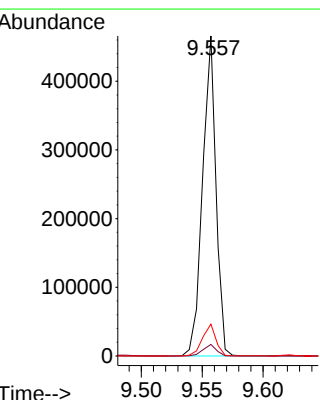
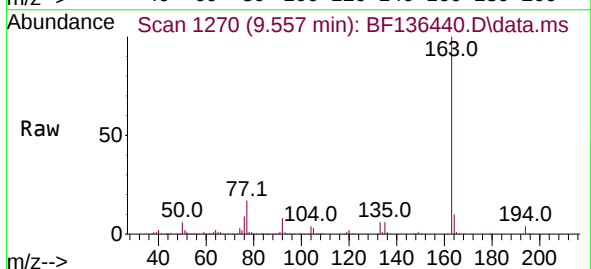
Delta R.T. -0.012 min

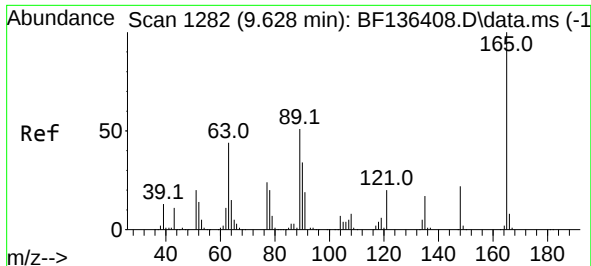
Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Tgt Ion:163 Resp: 355926

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	9.9	7.4	11.2

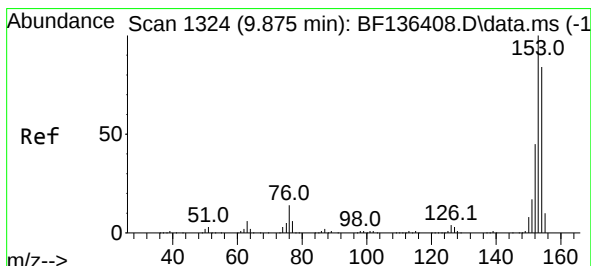
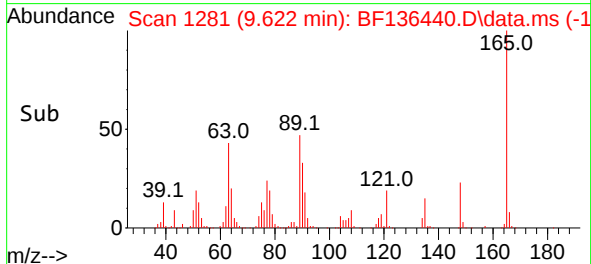
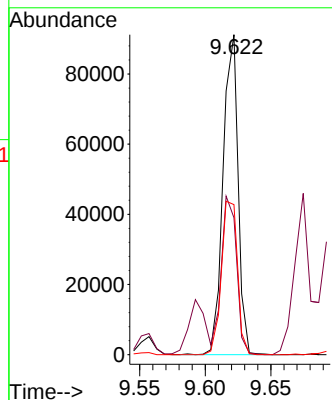
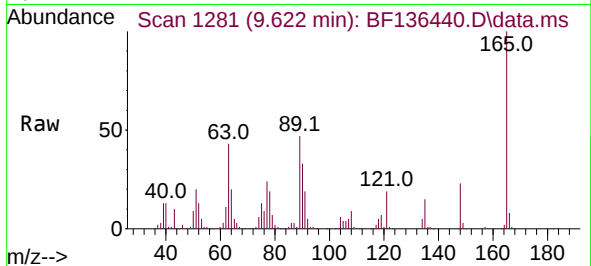




#51
2,6-Dinitrotoluene
Concen: 33.142 ng
RT: 9.622 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

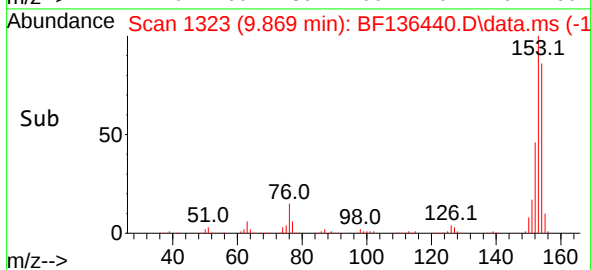
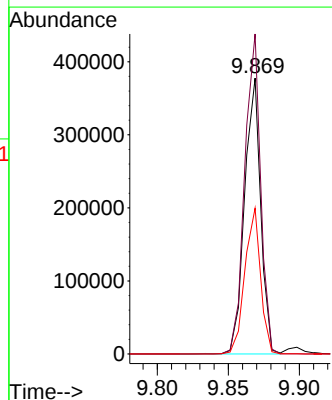
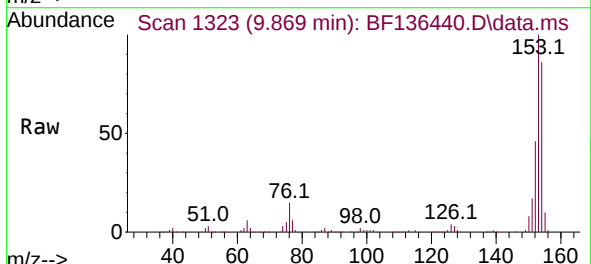
Instrument :
BNA_F
ClientSampleId :

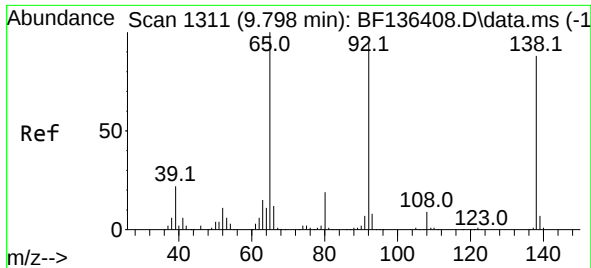
Tgt Ion:165 Resp: 72322
Ion Ratio Lower Upper
165 100
63 42.8 40.4 60.6
89 46.9 40.6 60.8



#52
Acenaphthene
Concen: 37.311 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:154 Resp: 297179
Ion Ratio Lower Upper
154 100
153 116.0 95.3 142.9
152 52.8 43.2 64.8

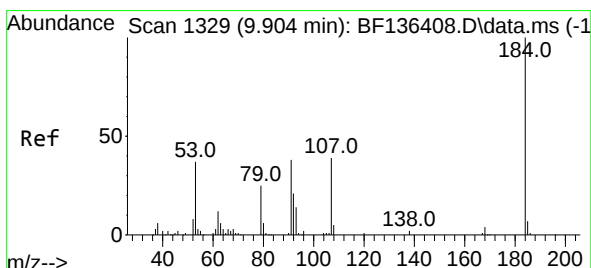
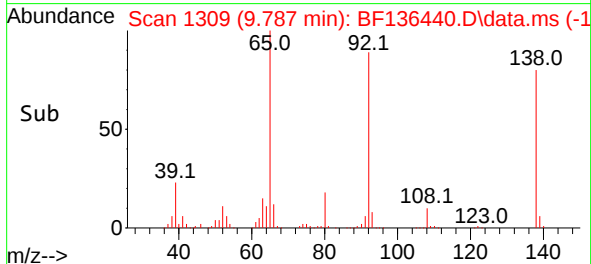
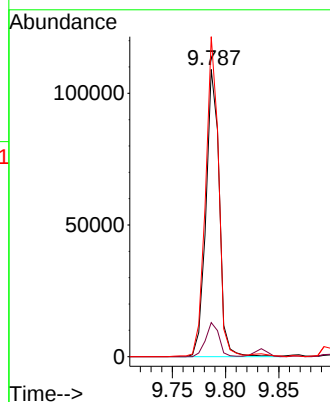
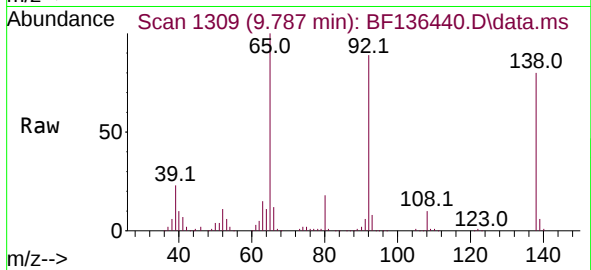




#53
3-Nitroaniline
Concen: 42.826 ng
RT: 9.787 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

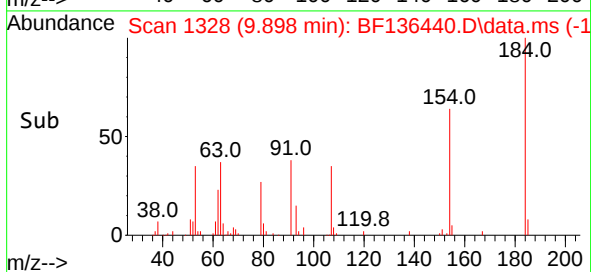
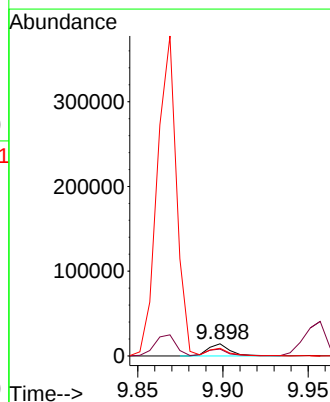
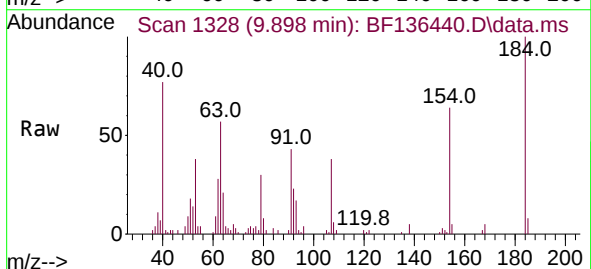
Instrument :
BNA_F
ClientSampleId :

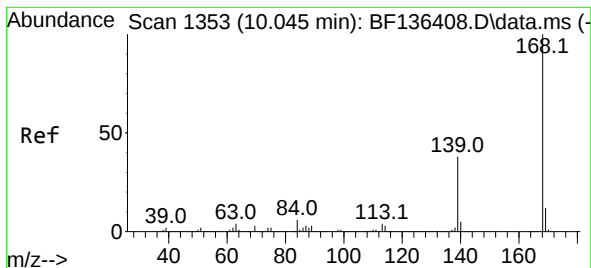
Tgt Ion:138 Resp: 95433
Ion Ratio Lower Upper
138 100
108 11.9 8.5 12.7
92 111.4 86.1 129.1



#54
2,4-Dinitrophenol
Concen: 11.582 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:184 Resp: 12779
Ion Ratio Lower Upper
184 100
63 56.9 39.1 58.7
154 63.7 49.9 74.9





#55

Dibenzenofuran

Concen: 38.795 ng

RT: 10.039 min Scan# 1352

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

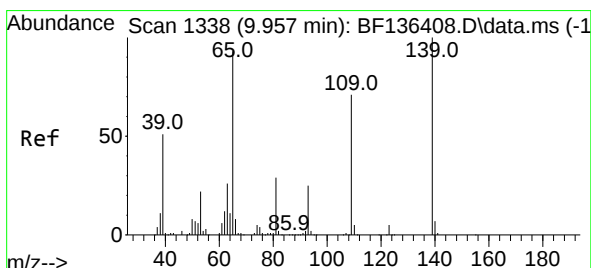
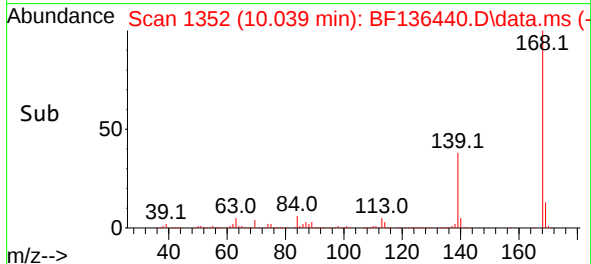
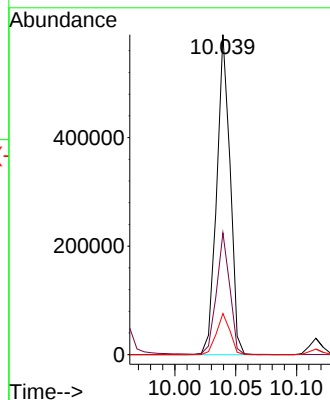
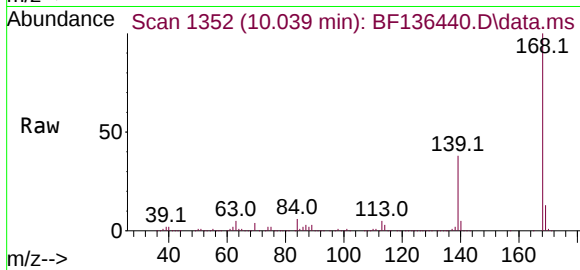
Tgt Ion:168 Resp: 451414

Ion Ratio Lower Upper

168 100

139 38.1 30.4 45.6

169 12.9 9.9 14.9



#56

4-Nitrophenol

Concen: 89.689 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

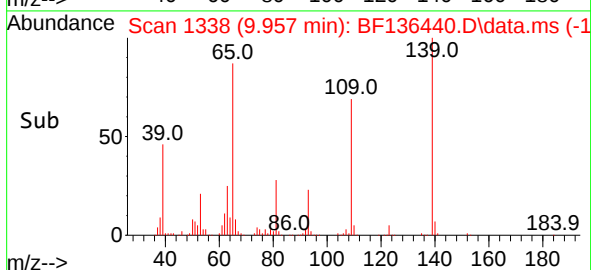
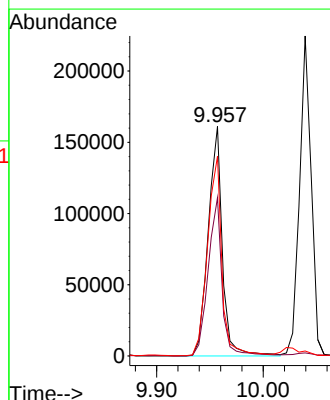
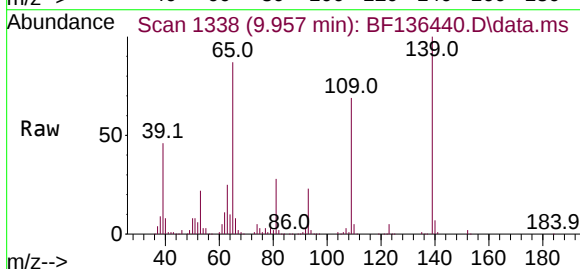
Tgt Ion:139 Resp: 149826

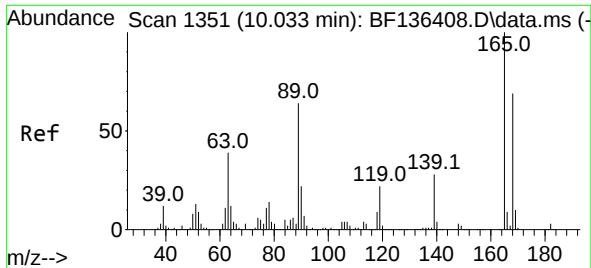
Ion Ratio Lower Upper

139 100

109 69.0 50.6 90.6

65 87.0 73.1 113.1

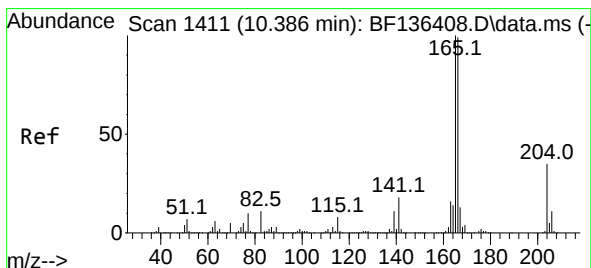
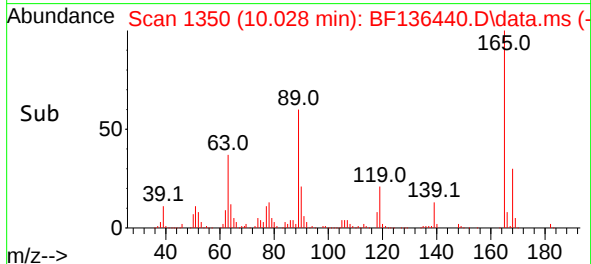
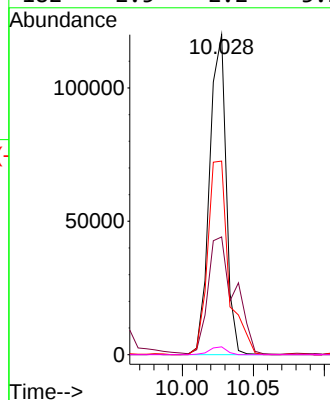
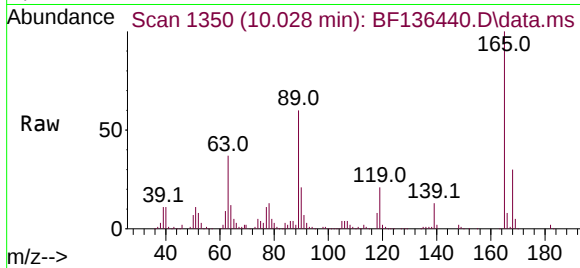




#57
2,4-Dinitrotoluene
Concen: 33.995 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

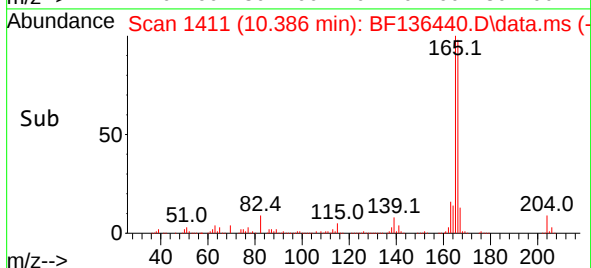
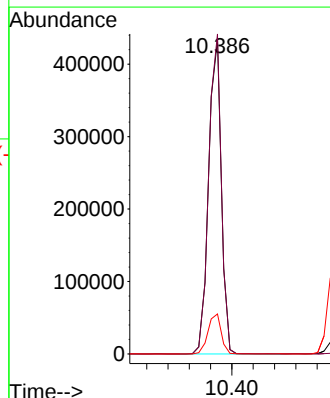
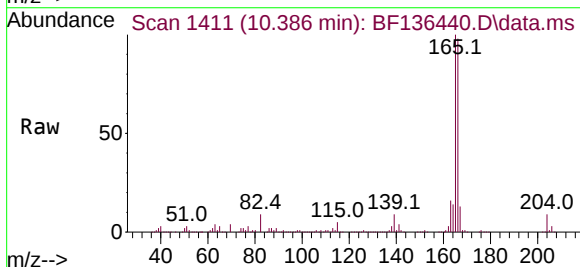
Instrument :
BNA_F
ClientSampleId :

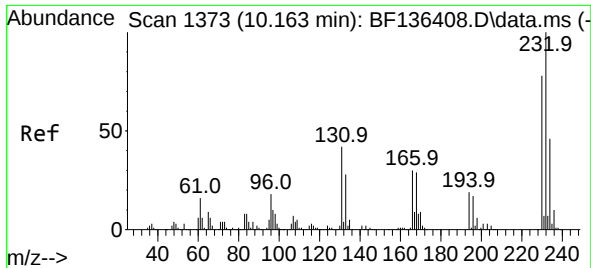
Tgt Ion:165	Resp:	98137
Ion	Ratio	Lower Upper
165	100	
63	36.8	31.4 47.2
89	60.5	51.7 77.5
182	2.5	2.2 3.2



#58
Fluorene
Concen: 38.655 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:166	Resp:	361051
Ion	Ratio	Lower Upper
166	100	
165	101.9	80.5 120.7
167	12.8	10.5 15.7

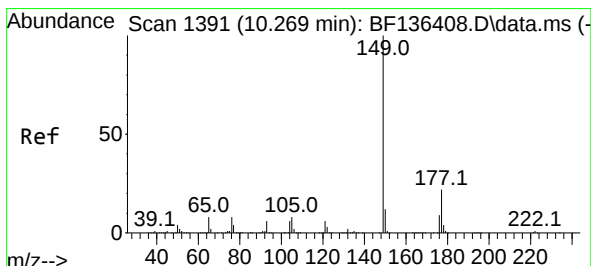
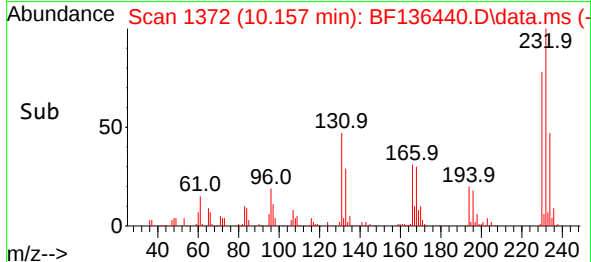
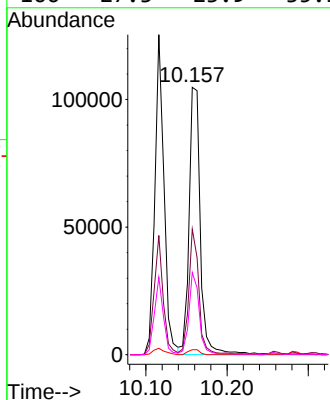
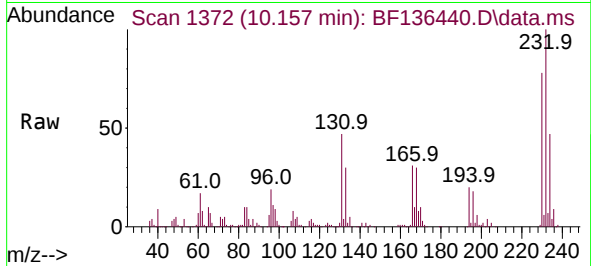




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.115 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

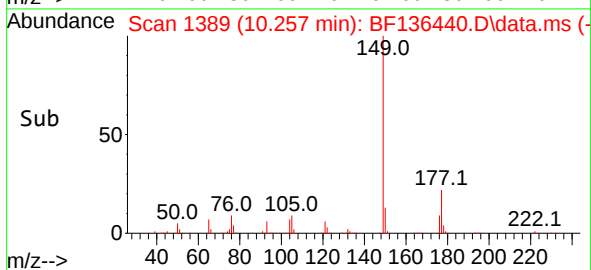
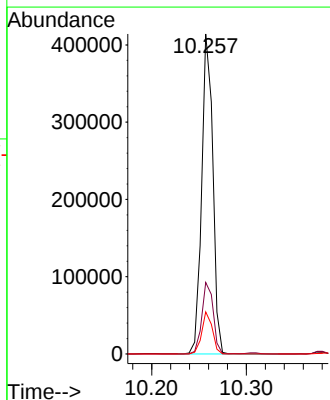
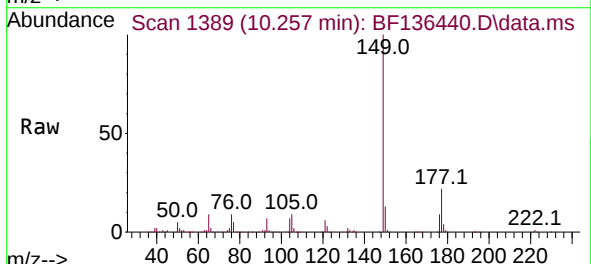
Instrument :
BNA_F
ClientSampleId :

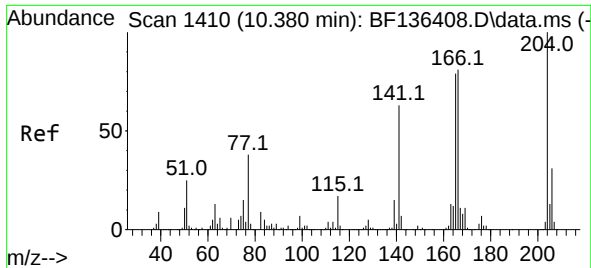
Tgt Ion:232 Resp: 100487
Ion Ratio Lower Upper
232 100
131 41.9 34.3 51.5
130 1.9 1.6 2.4
166 27.3 23.9 35.9



#60
Diethylphthalate
Concen: 35.369 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:149 Resp: 337358
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 13.1 9.4 14.0

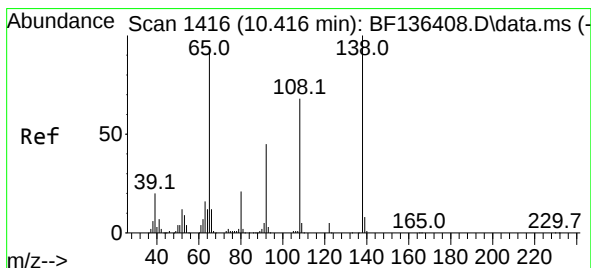
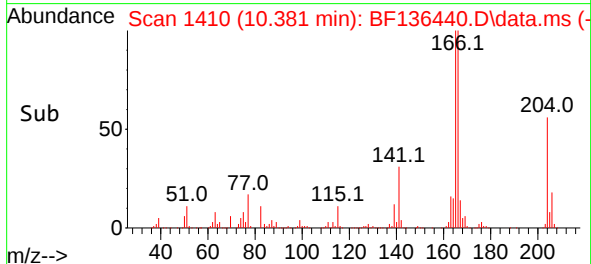
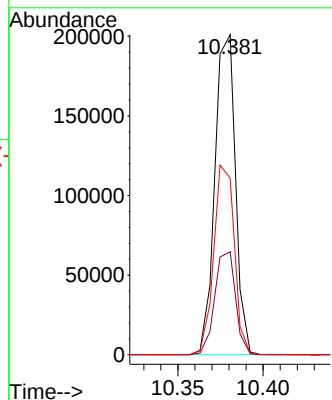
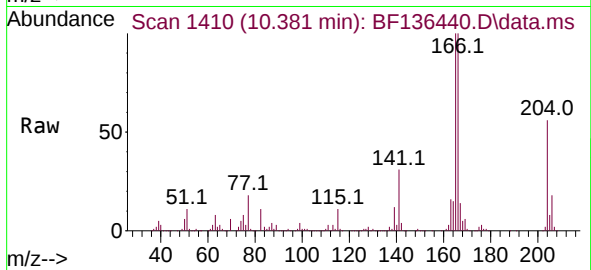




#61
4-Chlorophenyl-phenylether
Concen: 37.113 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

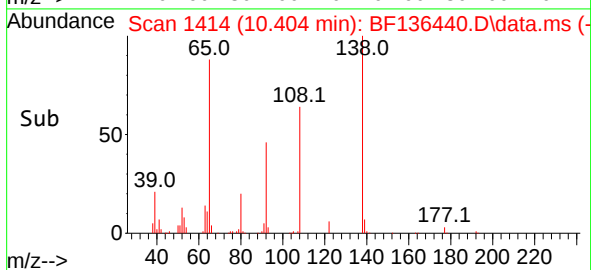
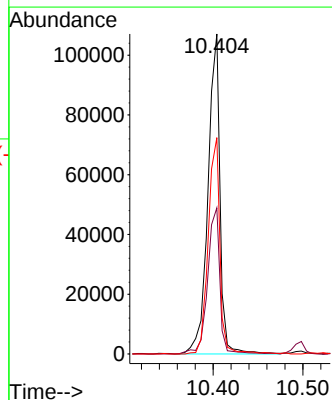
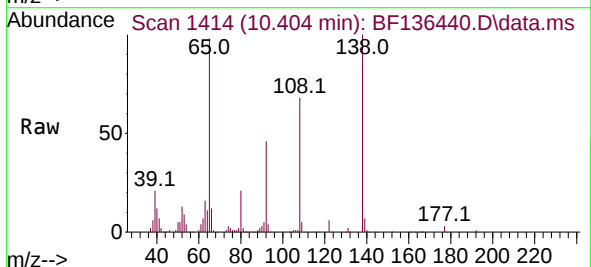
Instrument :
BNA_F
ClientSampleId :

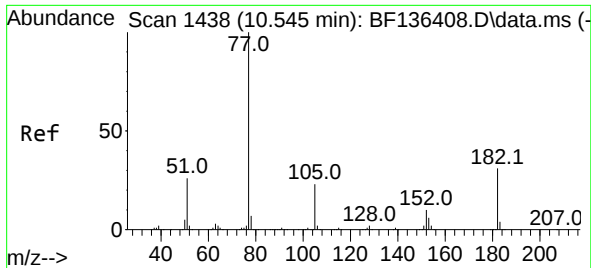
Tgt Ion:204 Resp: 168991
Ion Ratio Lower Upper
204 100
206 32.2 24.6 36.8
141 55.2 50.3 75.5



#62
4-Nitroaniline
Concen: 45.209 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:138 Resp: 100033
Ion Ratio Lower Upper
138 100
92 45.6 25.0 65.0
108 67.6 47.9 87.9

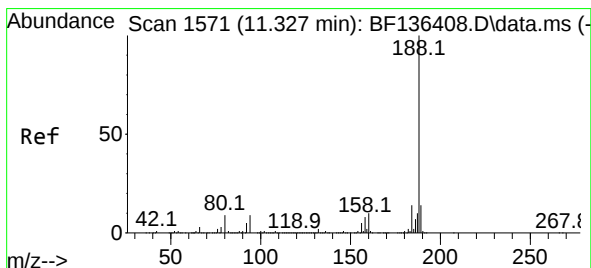
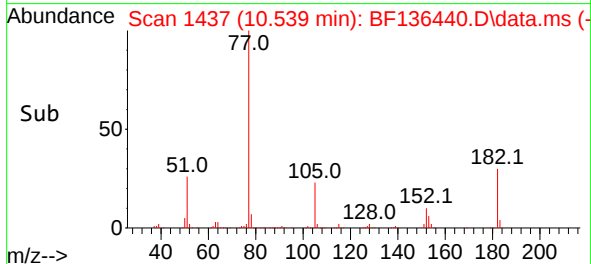
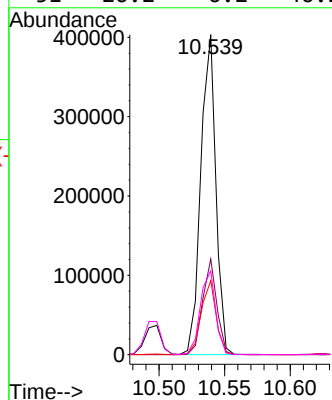
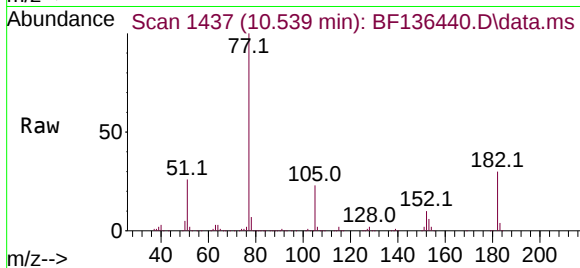




#63
Azobenzene
Concen: 37.204 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

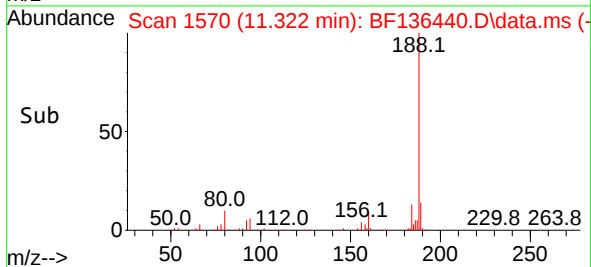
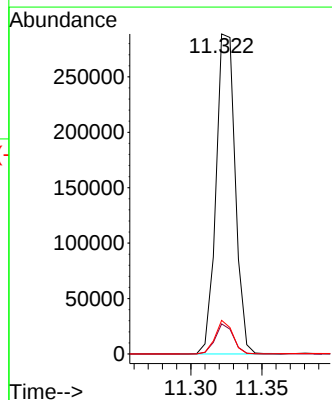
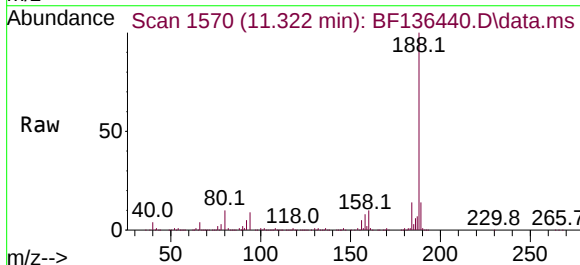
Instrument :
BNA_F
ClientSampleId :

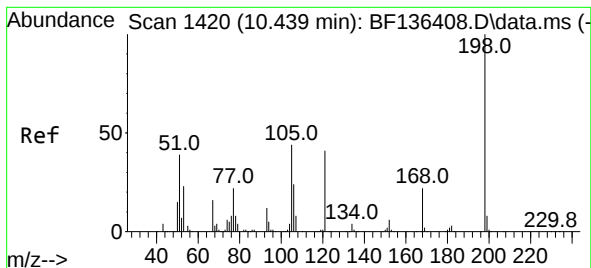
Tgt Ion: 77	Resp: 322990
Ion Ratio	Lower Upper
77 100	
182 29.9	10.8 50.8
105 23.2	2.6 42.6
51 26.2	6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:188	Resp: 270643		
Ion Ratio	Lower	Upper	
188 100			
94 9.4	7.2	10.8	
80 10.5	7.2	10.8	

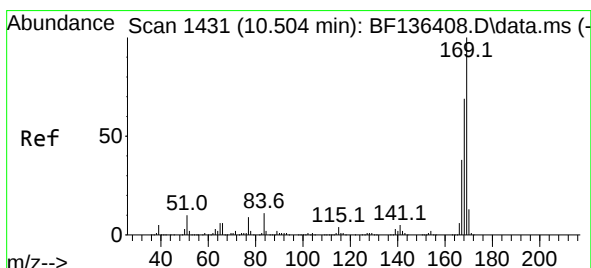
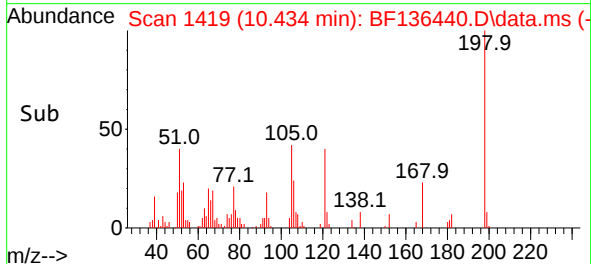
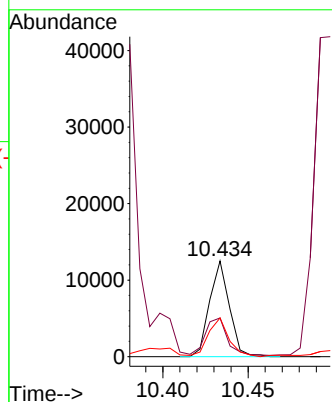
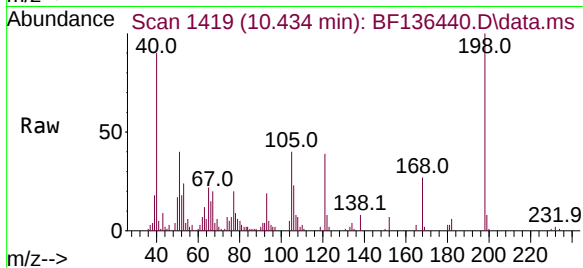




#65
4,6-Dinitro-2-methylphenol
Concen: 6.009 ng
RT: 10.434 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

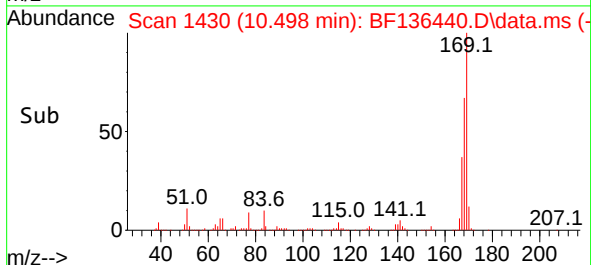
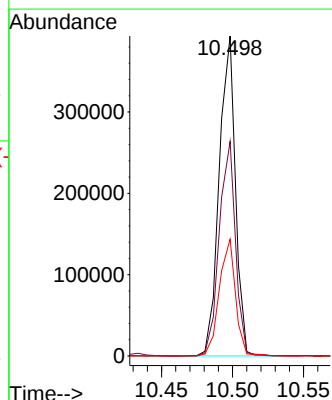
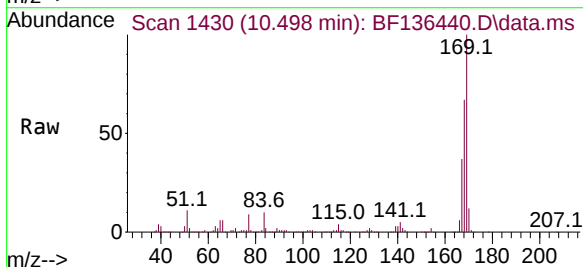
Instrument :
BNA_F
ClientSampleId :

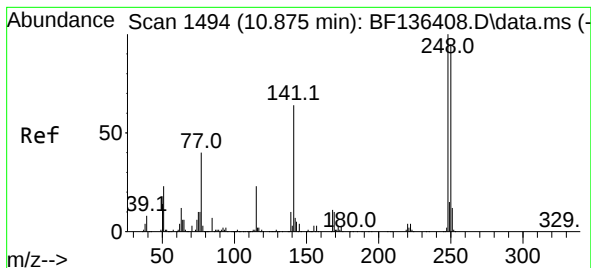
Tgt Ion:198 Resp: 10072
Ion Ratio Lower Upper
198 100
51 40.5 24.1 64.1
105 40.4 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 35.842 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:169 Resp: 311268
Ion Ratio Lower Upper
169 100
168 67.1 55.3 82.9
167 36.5 30.1 45.1

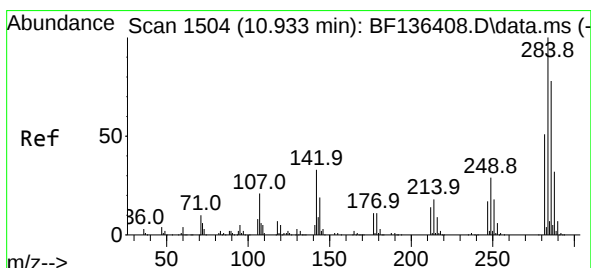
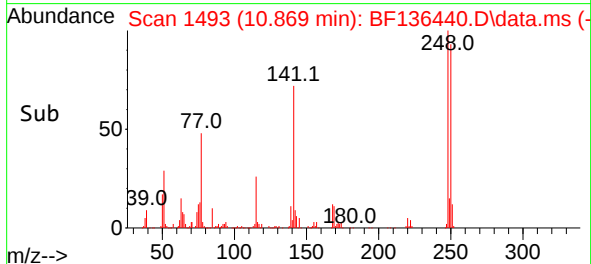
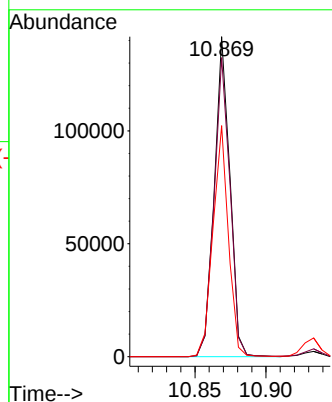
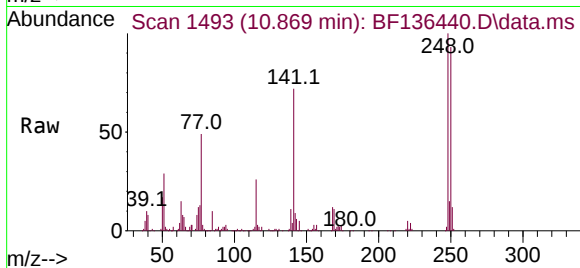




#67
4-Bromophenyl-phenylether
Concen: 34.390 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

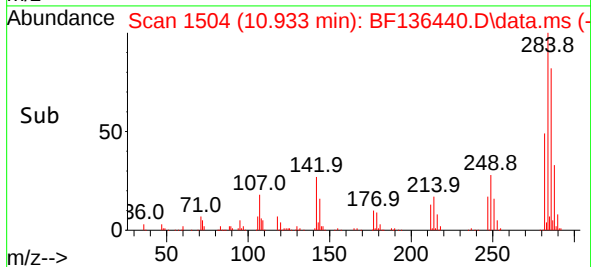
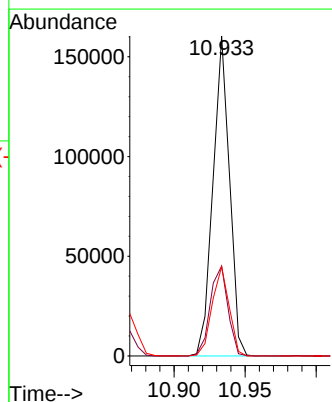
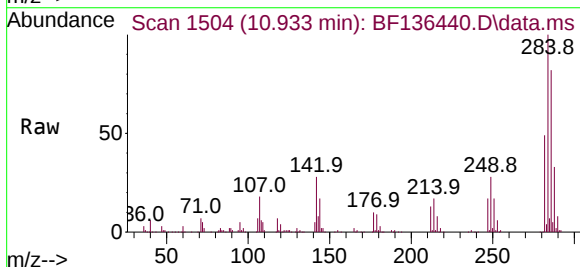
Instrument :
BNA_F
ClientSampleId :

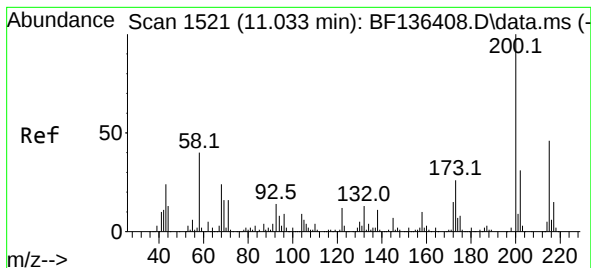
Tgt Ion:248 Resp: 108213
Ion Ratio Lower Upper
248 100
250 93.5 76.2 114.2
141 72.2 51.0 76.4



#68
Hexachlorobenzene
Concen: 35.622 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:284 Resp: 129550
Ion Ratio Lower Upper
284 100
142 28.1 26.5 39.7
249 27.9 23.4 35.0





#69

Atrazine

Concen: 41.620 ng

RT: 11.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

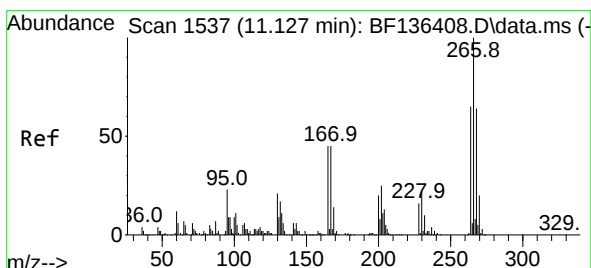
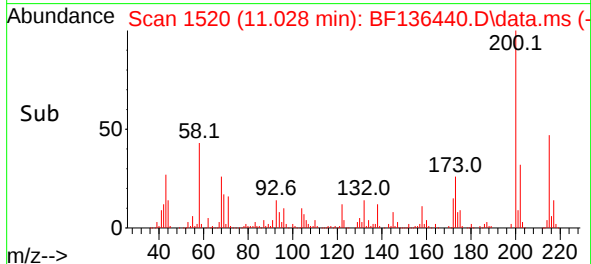
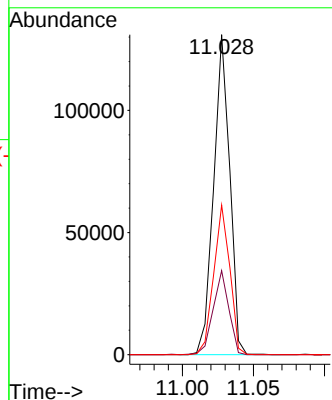
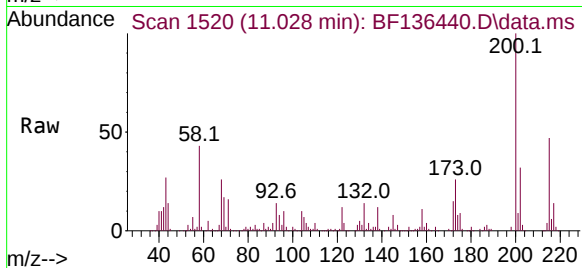
Tgt Ion:200 Resp: 103162

Ion Ratio Lower Upper

200 100

173 26.2 6.0 46.0

215 46.8 25.5 65.5



#70

Pentachlorophenol

Concen: 74.852 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

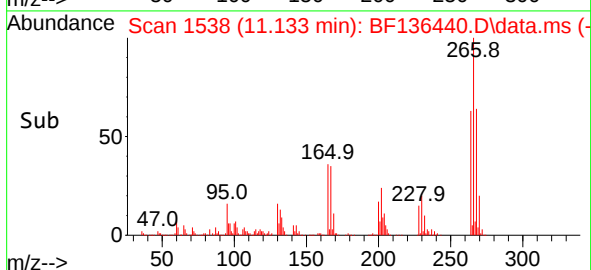
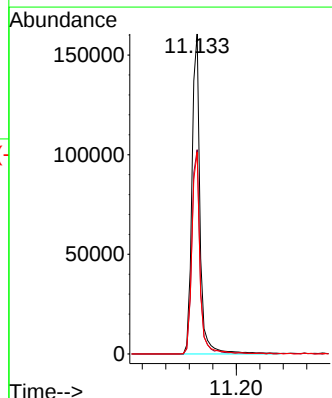
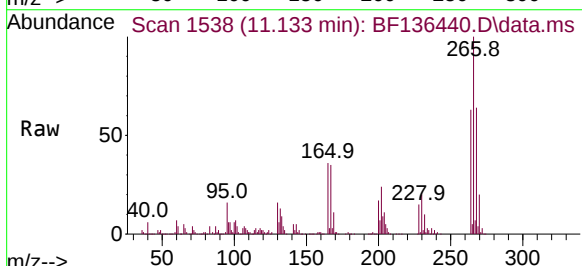
Tgt Ion:266 Resp: 153639

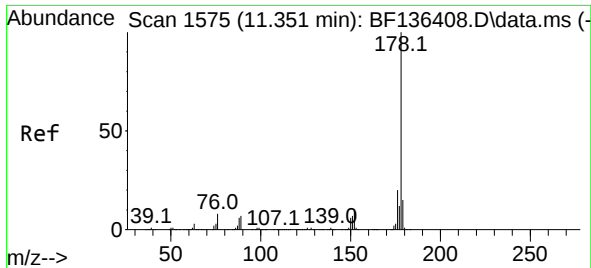
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 63.1 52.2 78.4

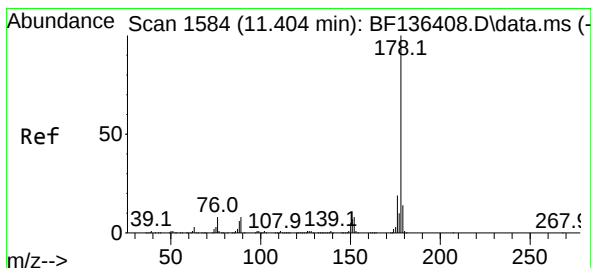
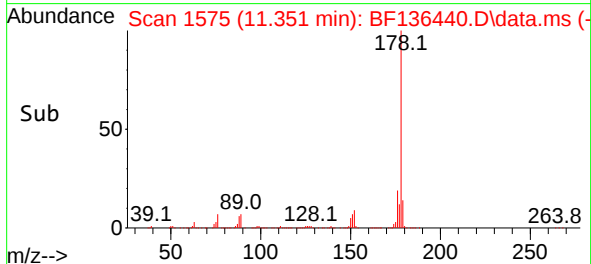
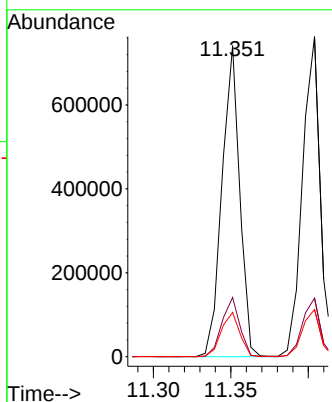
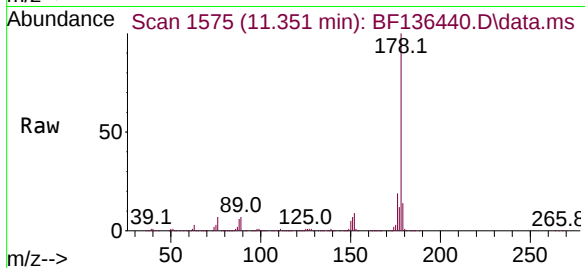




#71
Phenanthrene
Concen: 39.678 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

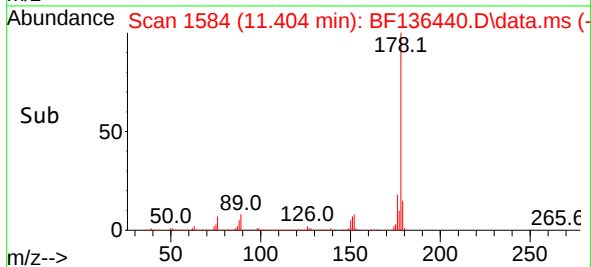
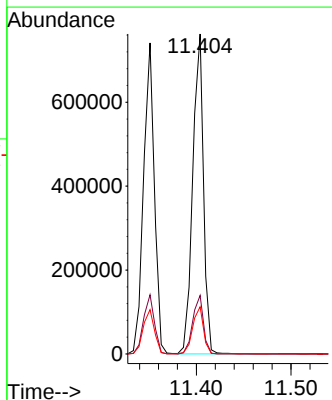
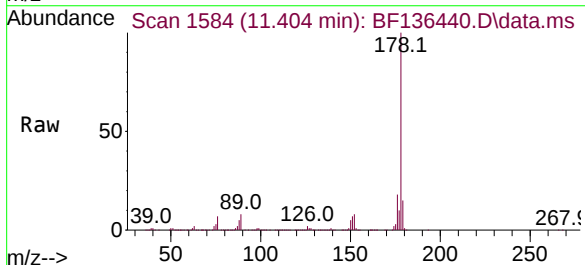
Instrument :
BNA_F
ClientSampleId :

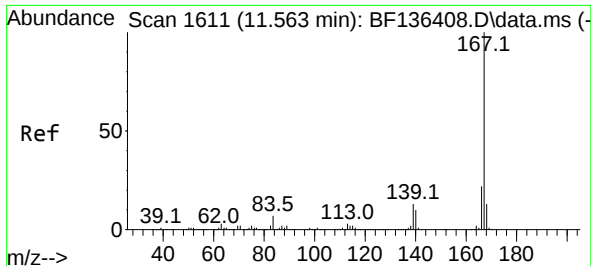
Tgt Ion:178 Resp: 590234
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 14.3 11.8 17.6



#72
Anthracene
Concen: 40.362 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:178 Resp: 604750
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 14.7 11.4 17.0

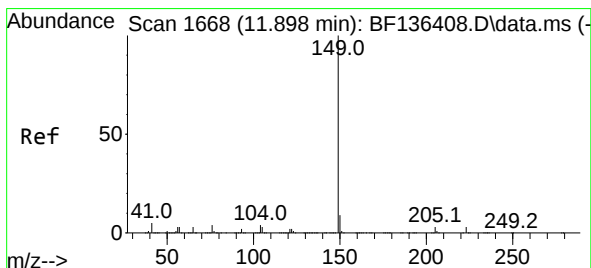
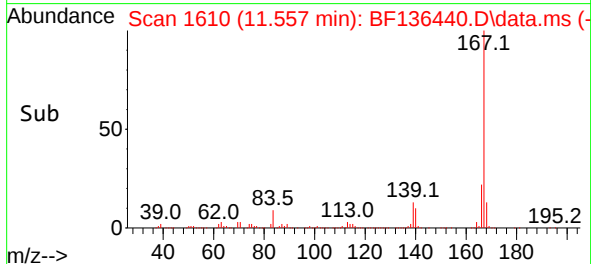
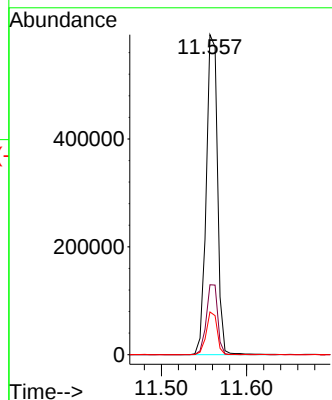
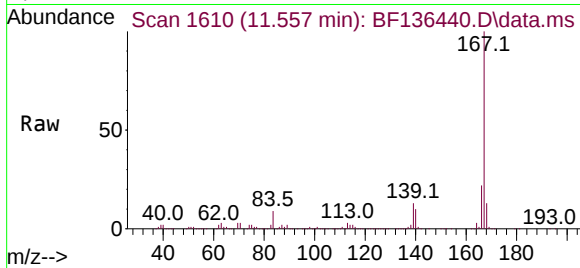




#73
Carbazole
Concen: 40.931 ng
RT: 11.557 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

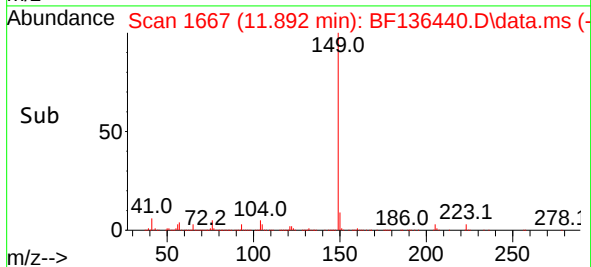
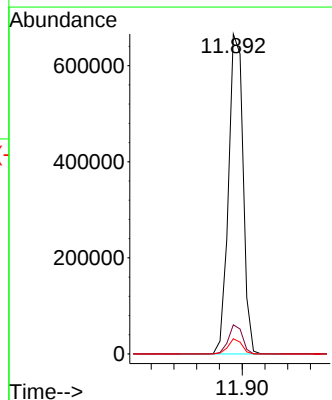
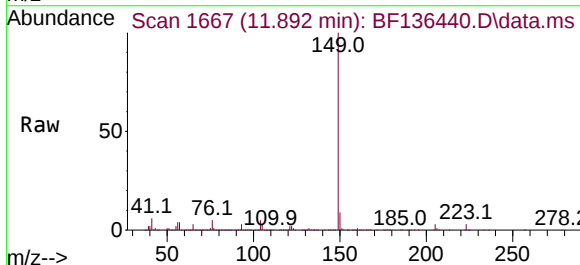
Instrument :
BNA_F
ClientSampleId :

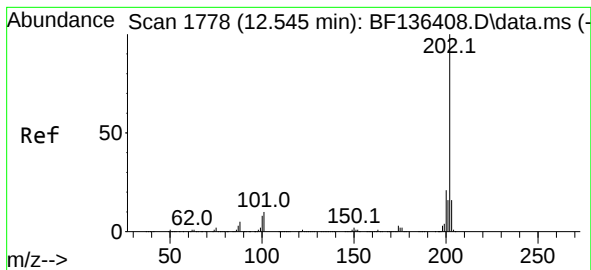
Tgt Ion:167 Resp: 542789
Ion Ratio Lower Upper
167 100
166 21.8 18.0 27.0
139 13.3 10.2 15.4



#74
Di-n-butylphthalate
Concen: 36.528 ng
RT: 11.892 min Scan# 1667
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:149 Resp: 593829
Ion Ratio Lower Upper
149 100
150 9.1 6.9 10.3
104 4.7 3.5 5.3





#75

Fluoranthene

Concen: 40.007 ng

RT: 12.545 min Scan# 1778

Delta R.T. 0.000 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

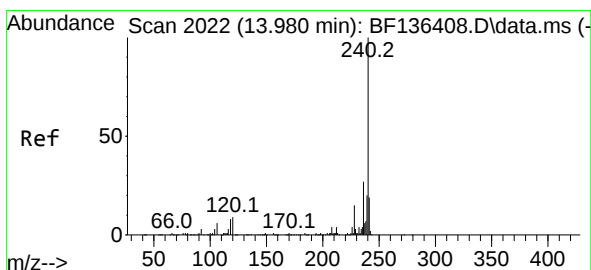
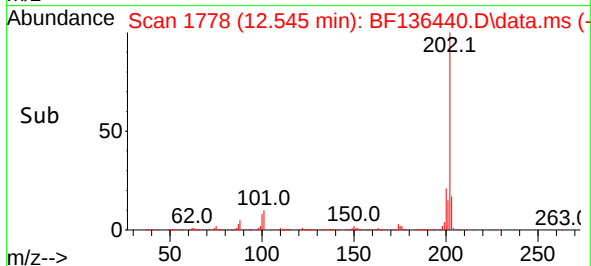
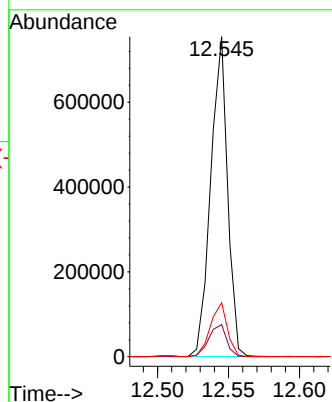
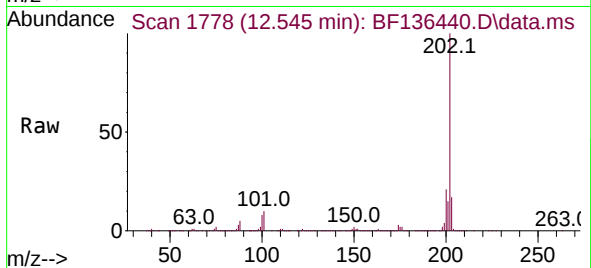
Tgt Ion:202 Resp: 623673

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.9

203 16.8 0.0 36.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

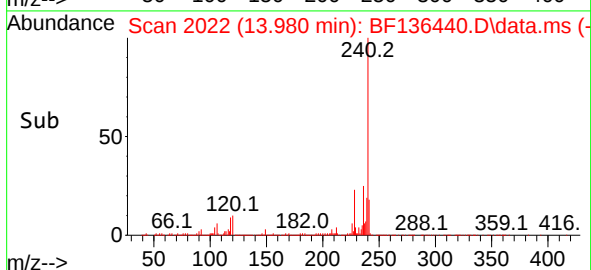
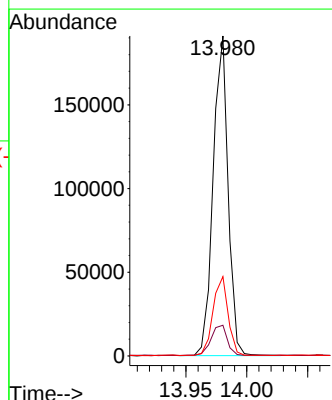
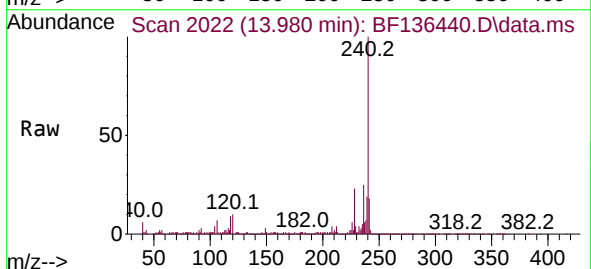
Tgt Ion:240 Resp: 163156

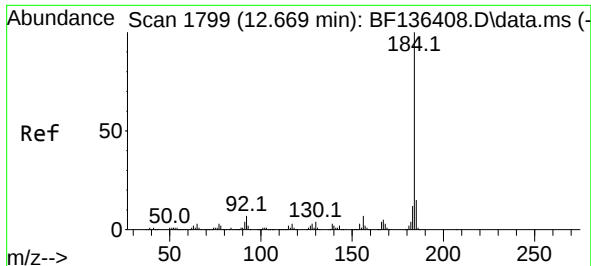
Ion Ratio Lower Upper

240 100

120 9.6 7.3 10.9

236 24.8 21.3 31.9

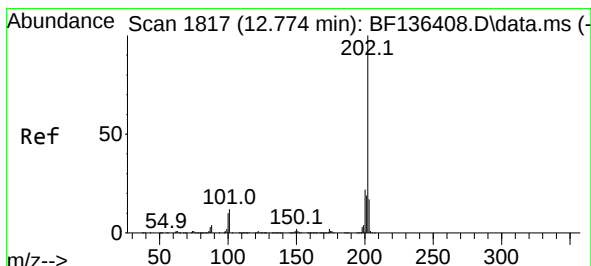
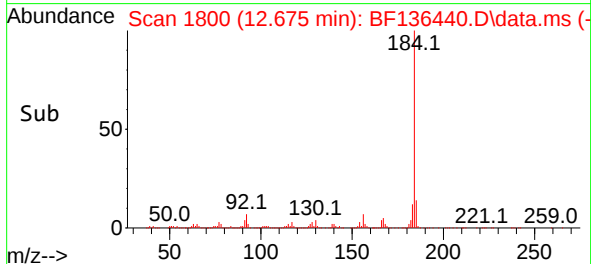
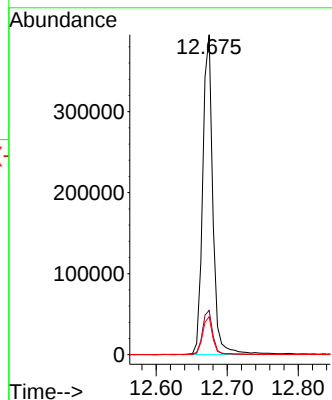
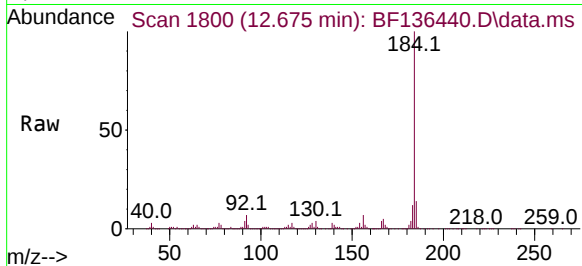




#77
Benzidine
Concen: 69.660 ng
RT: 12.675 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

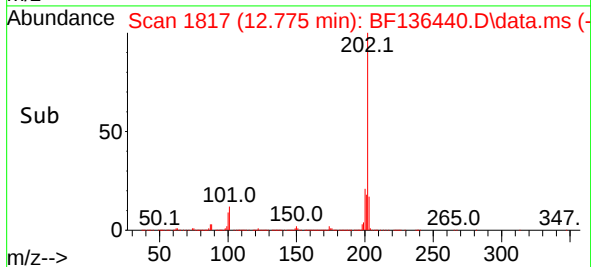
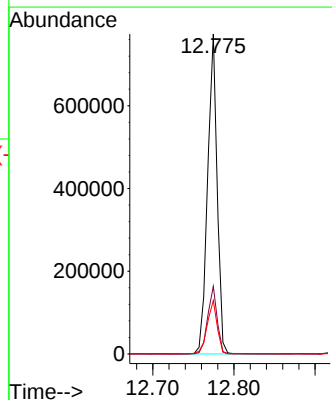
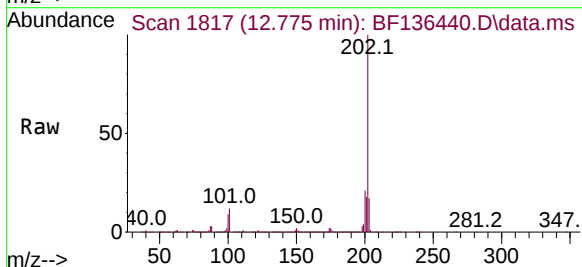
Instrument :
BNA_F
ClientSampleId :

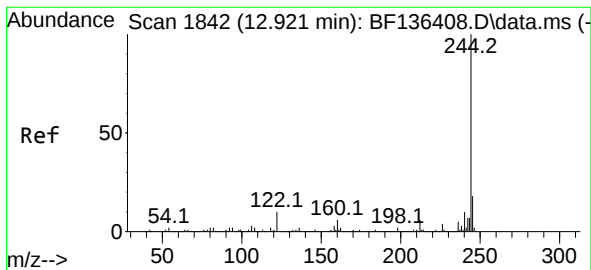
Tgt Ion:184 Resp: 392585
Ion Ratio Lower Upper
184 100
185 13.9 12.0 18.0
183 11.8 9.4 14.0



#78
Pyrene
Concen: 39.294 ng
RT: 12.775 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:202 Resp: 627881
Ion Ratio Lower Upper
202 100
200 21.1 18.0 27.0
203 16.7 13.5 20.3





#79

Terphenyl-d14

Concen: 55.760 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

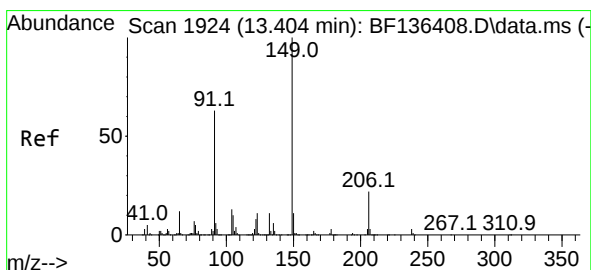
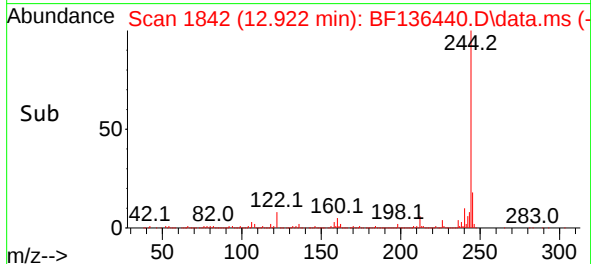
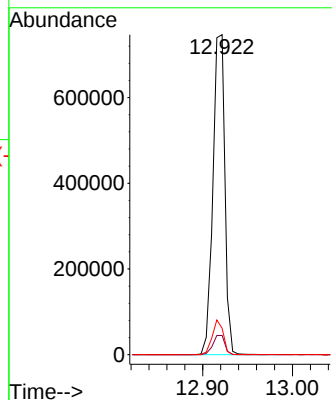
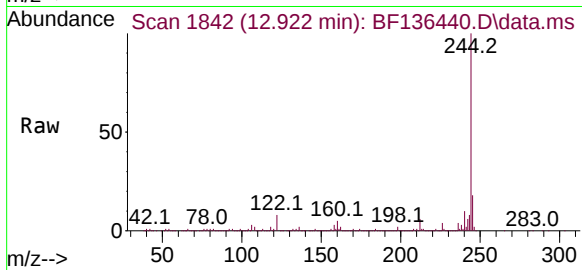
Tgt Ion:244 Resp: 690239

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 8.2 8.3 12.5#



#80

Butylbenzylphthalate

Concen: 41.913 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

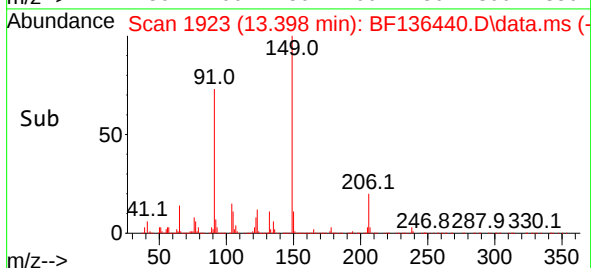
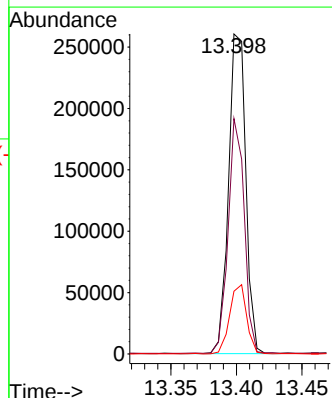
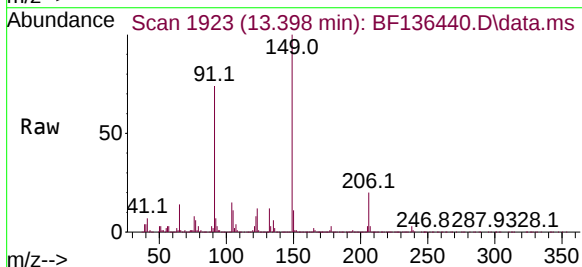
Tgt Ion:149 Resp: 238409

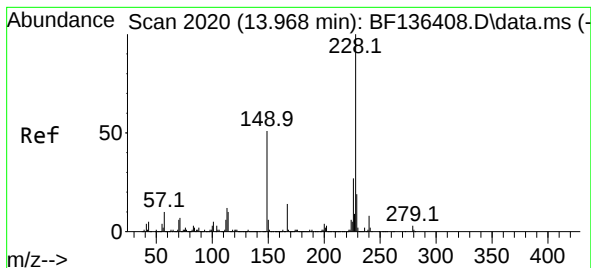
Ion Ratio Lower Upper

149 100

91 73.6 50.5 75.7

206 19.6 17.4 26.2





#81

Benzo(a)anthracene

Concen: 38.756 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

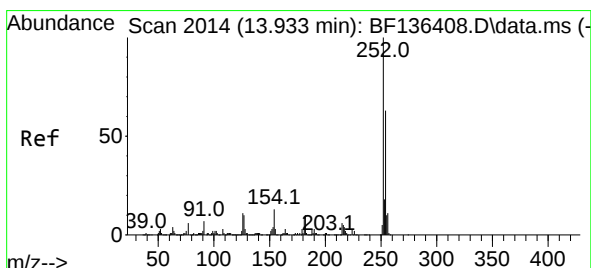
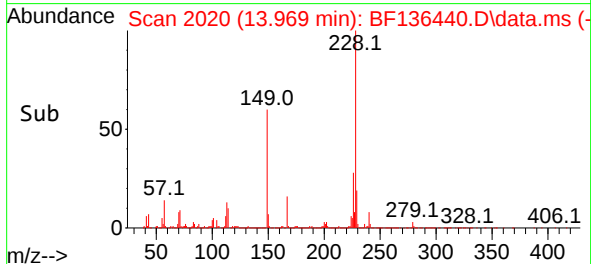
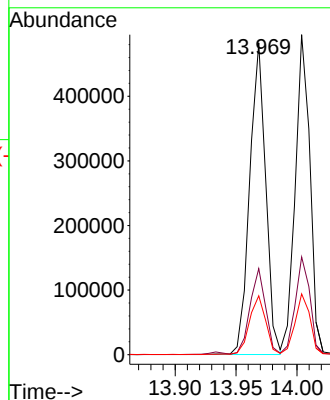
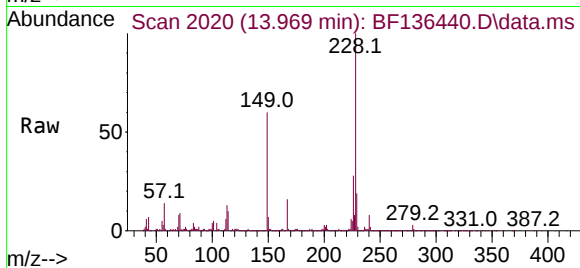
Tgt Ion:228 Resp: 440457

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

229 18.9 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 53.982 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

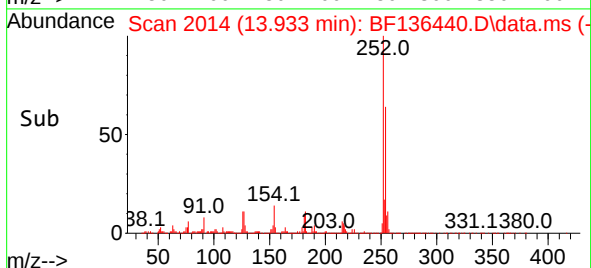
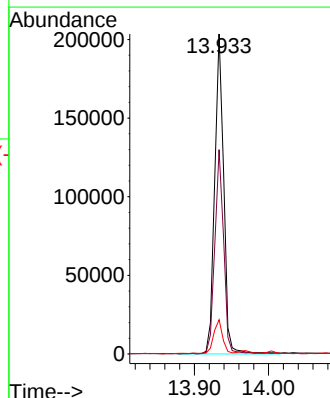
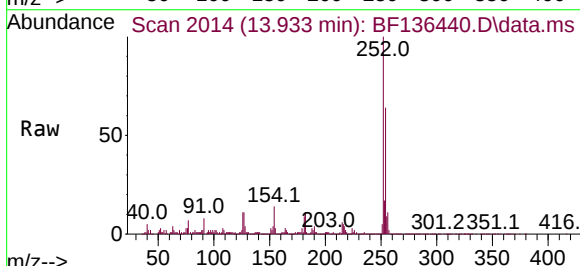
Tgt Ion:252 Resp: 172013

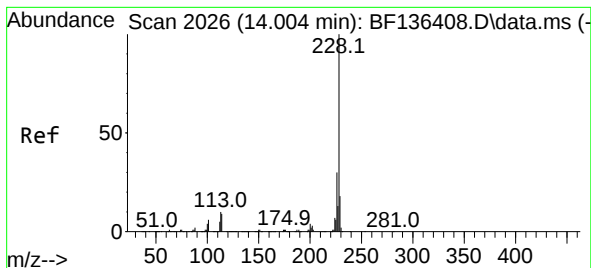
Ion Ratio Lower Upper

252 100

254 63.9 50.8 76.2

126 10.7 8.6 12.8





#83

Chrysene

Concen: 37.152 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

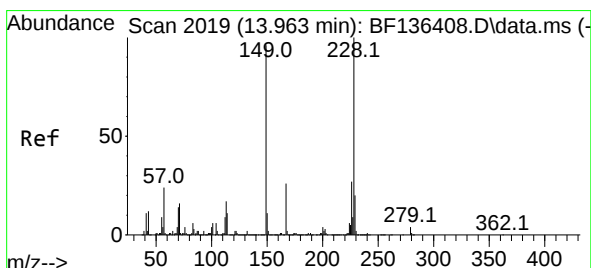
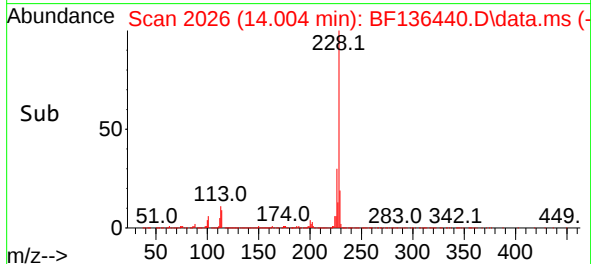
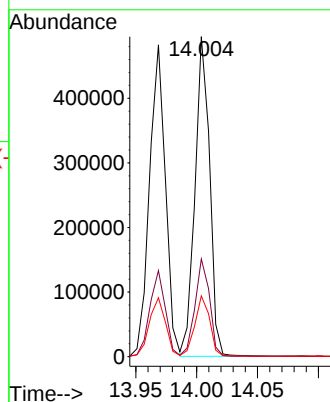
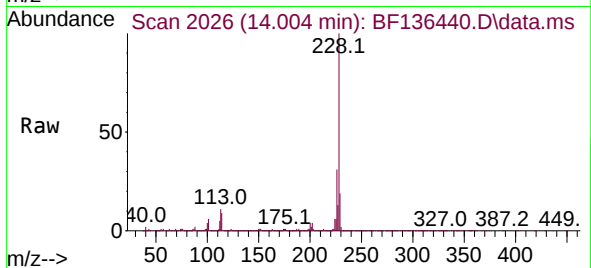
Tgt Ion:228 Resp: 415410

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.6

229 19.0 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.282 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

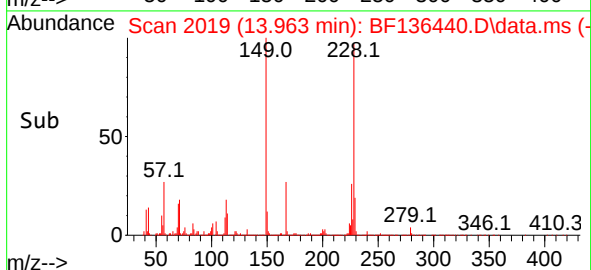
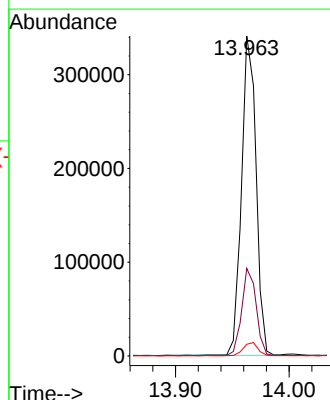
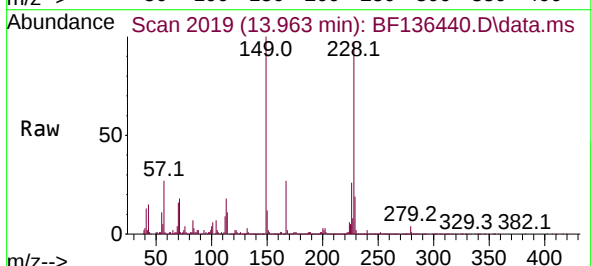
Tgt Ion:149 Resp: 301816

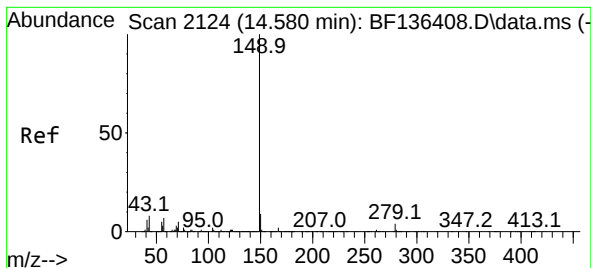
Ion Ratio Lower Upper

149 100

167 27.4 21.2 31.8

279 3.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 43.713 ng

RT: 14.580 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

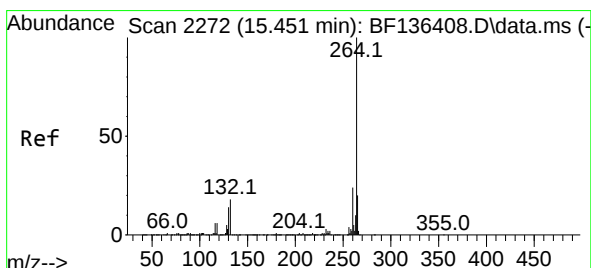
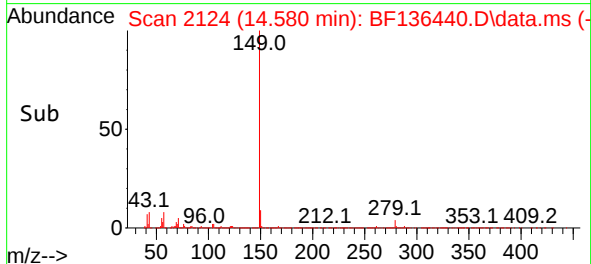
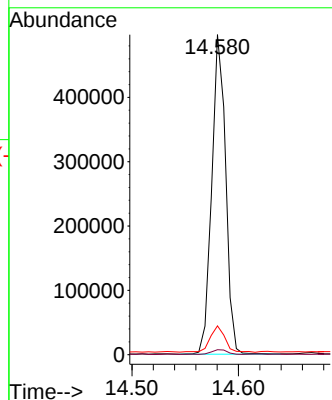
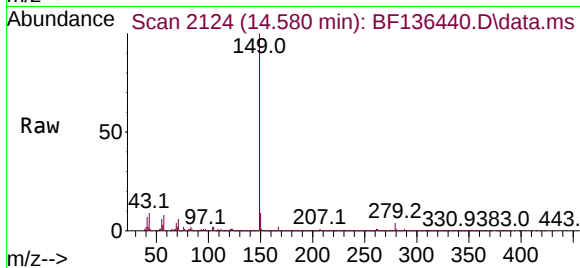
Tgt Ion:149 Resp: 450249

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.7 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

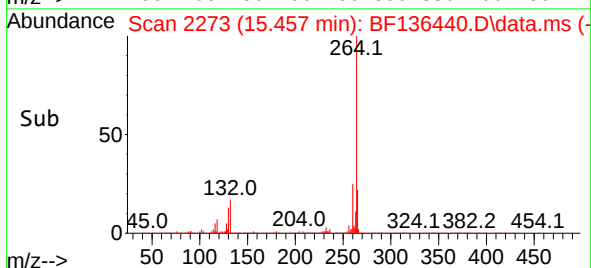
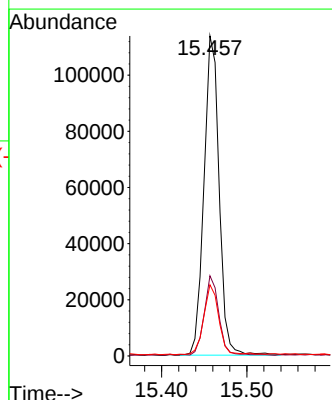
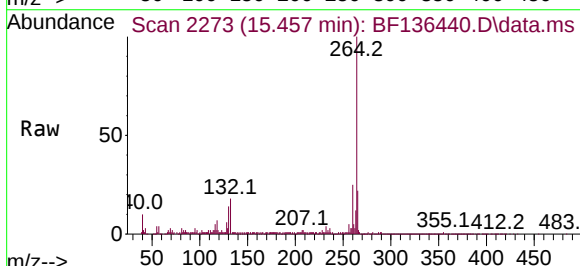
Tgt Ion:264 Resp: 140651

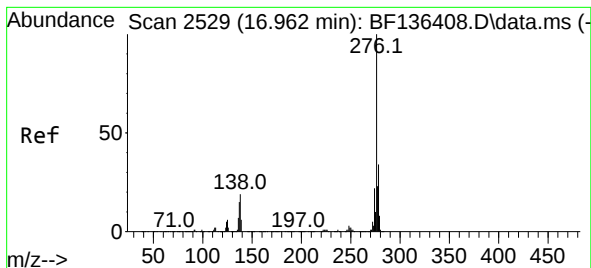
Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 22.3 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.327 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

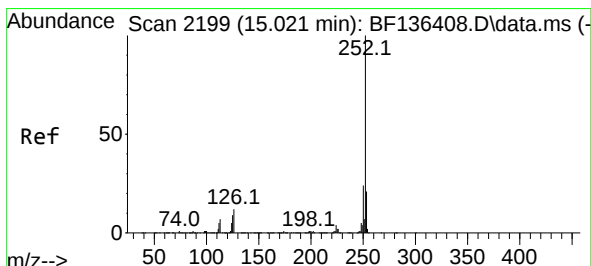
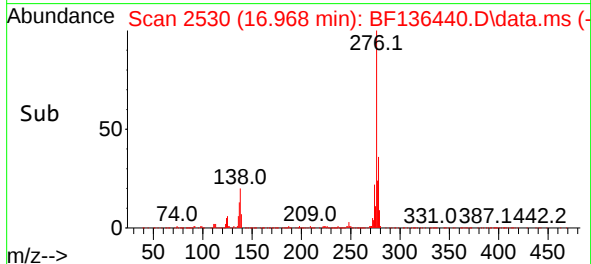
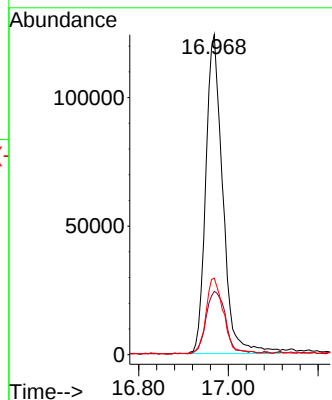
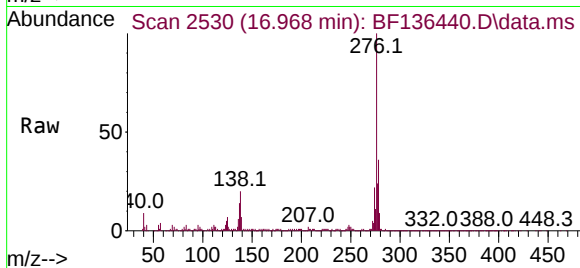
Tgt Ion:276 Resp: 325654

Ion Ratio Lower Upper

276 100

138 22.5 19.0 28.4

277 24.6 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 36.752 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

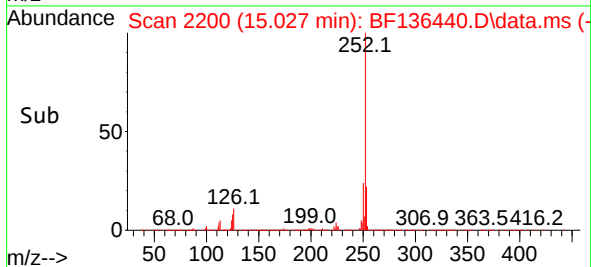
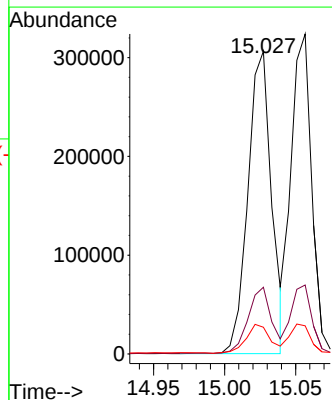
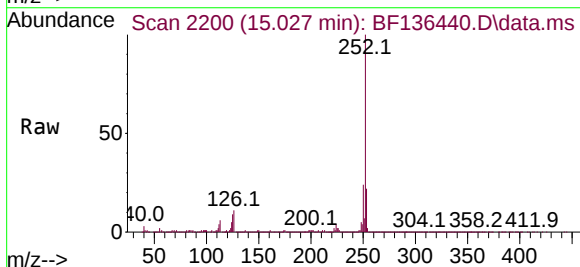
Tgt Ion:252 Resp: 353430

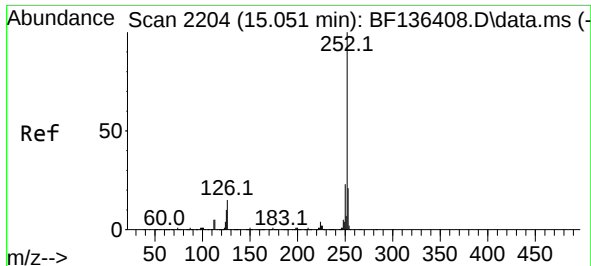
Ion Ratio Lower Upper

252 100

253 22.0 16.9 25.3

125 8.8 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 36.246 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNF

ClientSampleId :

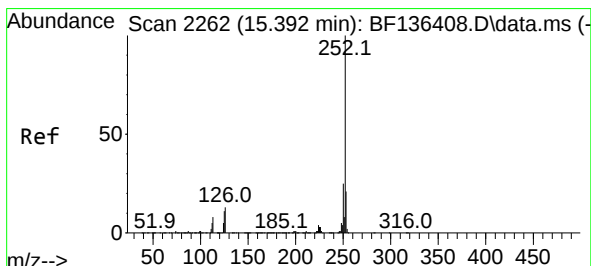
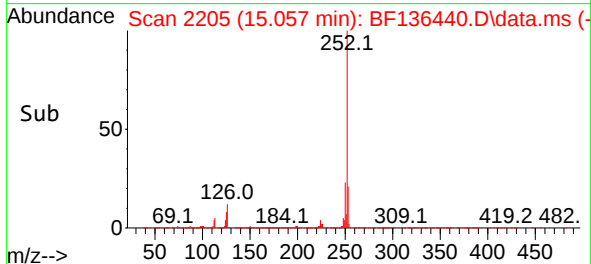
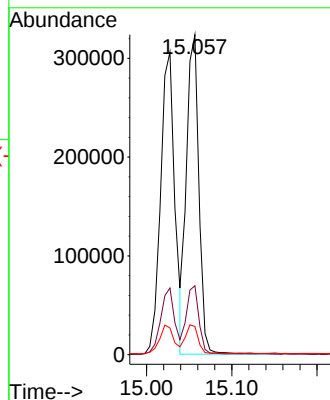
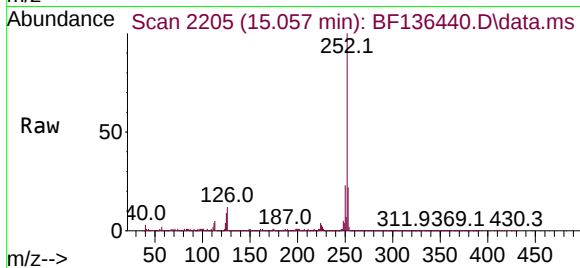
Tgt Ion:252 Resp: 328490

Ion Ratio Lower Upper

252 100

253 21.5 16.9 25.3

125 8.8 7.5 11.3



#90

Benzo(a)pyrene

Concen: 37.584 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

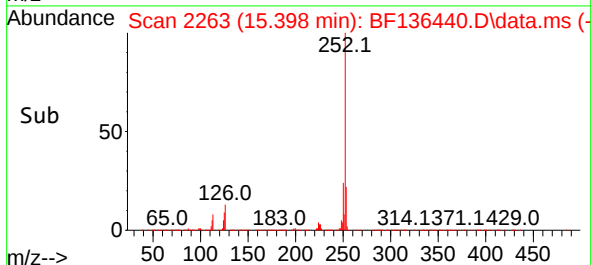
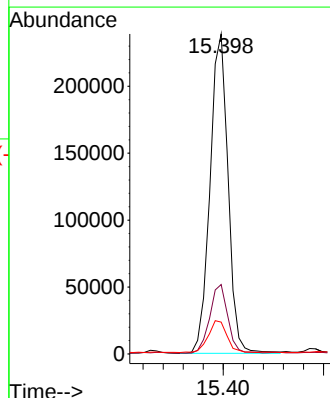
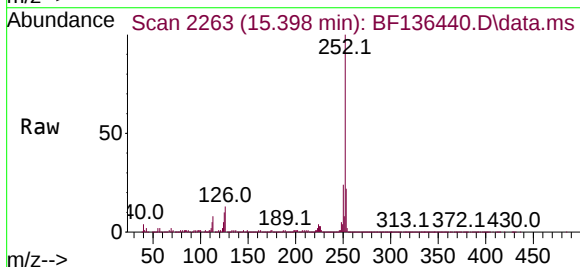
Tgt Ion:252 Resp: 298487

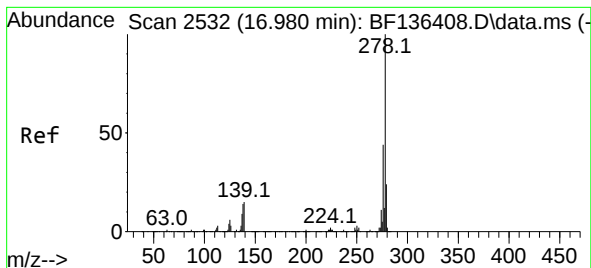
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 9.9 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 33.319 ng

RT: 16.986 min Scan# 2532

Delta R.T. 0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

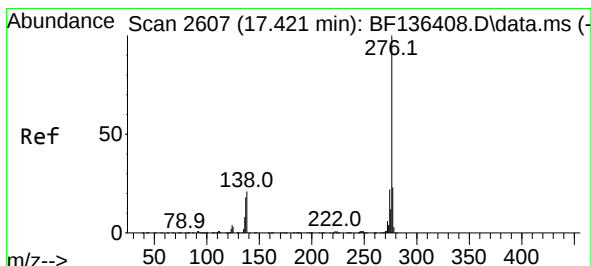
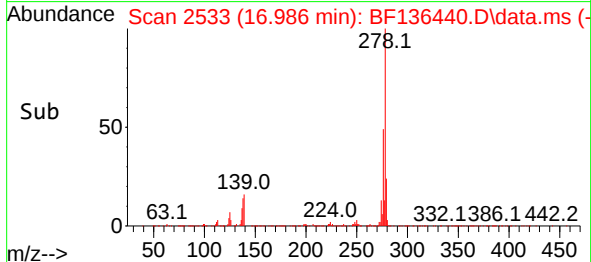
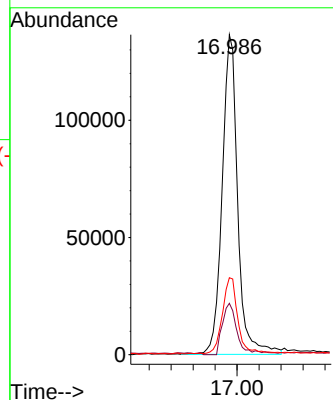
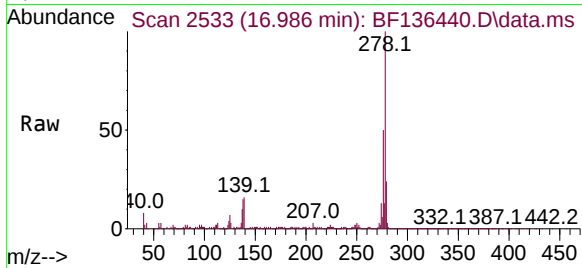
Tgt Ion:278 Resp: 266718

Ion Ratio Lower Upper

278 100

139 16.1 12.2 18.4

279 24.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 29.265 ng

RT: 17.421 min Scan# 2607

Delta R.T. 0.000 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Tgt Ion:276 Resp: 240453

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 20.1 16.6 25.0

