

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136337.D
 Acq On : 01 Dec 2023 14:48
 Operator : CG\JU
 Sample : PB157140BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157140BS

Quant Time: Dec 04 05:59:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	122405	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	521753	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	263127	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	454025	20.000	ng	0.00
76) Chrysene-d12	13.986	240	199501	20.000	ng	0.00
86) Perylene-d12	15.468	264	240705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	747315	84.976	ng	0.01
7) Phenol-d6	6.445	99	919964	83.662	ng	0.00
23) Nitrobenzene-d5	7.375	82	829448	84.007	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	272674	84.762	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1716553	83.327	ng	0.00
79) Terphenyl-d14	12.933	244	1472714	85.150	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	117267	35.241	ng	97
3) Pyridine	3.440	79	301037	36.648	ng	95
4) n-Nitrosodimethylamine	3.410	42	158429	38.156	ng	89
6) Aniline	6.475	93	394678	37.974	ng	95
8) 2-Chlorophenol	6.592	128	422053	44.075	ng	97
9) Benzaldehyde	6.363	77	153653	25.071	ng	95
10) Phenol	6.463	94	505441	42.845	ng	98
11) bis(2-Chloroethyl)ether	6.551	93	373782	43.190	ng	93
12) 1,3-Dichlorobenzene	6.751	146	441866	40.662	ng	98
13) 1,4-Dichlorobenzene	6.828	146	444752	40.260	ng	96
14) 1,2-Dichlorobenzene	6.975	146	420081	40.167	ng	96
15) Benzyl Alcohol	6.951	79	320836	41.615	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	505065	42.015	ng	96
17) 2-Methylphenol	7.063	107	327659	43.524	ng	99
18) Hexachloroethane	7.316	117	157234	40.577	ng	89
19) n-Nitroso-di-n-propyla...	7.222	70	281463	42.797	ng	97
20) 3+4-Methylphenols	7.216	107	414012	42.315	ng	93
22) Acetophenone	7.216	105	574714	41.941	ng	# 97
24) Nitrobenzene	7.392	77	412577	41.234	ng	91
25) Isophorone	7.628	82	767612	43.116	ng	98
26) 2-Nitrophenol	7.704	139	212871	49.932	ng	98
27) 2,4-Dimethylphenol	7.745	122	361572	64.437	ng	94
28) bis(2-Chloroethoxy)met...	7.839	93	478939	44.474	ng	99
29) 2,4-Dichlorophenol	7.945	162	349038	46.116	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	387468	41.814	ng	97
31) Naphthalene	8.110	128	1261520	43.016	ng	98
32) Benzoic acid	7.875	122	239529	46.838	ng	99
33) 4-Chloroaniline	8.157	127	185972	18.656	ng	97
34) Hexachlorobutadiene	8.222	225	222029	40.956	ng	99
35) Caprolactam	8.533	113	73716	34.841	ng	96
36) 4-Chloro-3-methylphenol	8.645	107	359188	43.757	ng	94
37) 2-Methylnaphthalene	8.798	142	796241	43.283	ng	97
38) 1-Methylnaphthalene	8.898	142	735594	40.989	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	369387	44.111	ng	98
41) Hexachlorocyclopentadiene	8.951	237	485711	150.739	ng	96
43) 2,4,6-Trichlorophenol	9.080	196	246730	45.394	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136337.D
 Acq On : 01 Dec 2023 14:48
 Operator : CG\JU
 Sample : PB157140BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157140BS

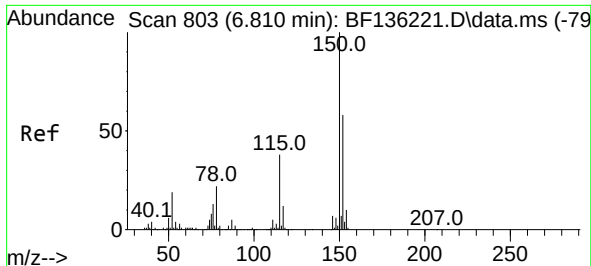
Quant Time: Dec 04 05:59:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	264203	44.542	ng	100
46) 1,1'-Biphenyl	9.269	154	1012570	43.638	ng	98
47) 2-Chloronaphthalene	9.292	162	774177	42.963	ng	98
48) 2-Nitroaniline	9.386	65	210293	44.699	ng	90
49) Acenaphthylene	9.704	152	1161762	45.178	ng	99
50) Dimethylphthalate	9.575	163	889721	44.737	ng	# 99
51) 2,6-Dinitrotoluene	9.633	165	185279	45.603	ng	97
52) Acenaphthene	9.880	154	718293	44.201	ng	98
53) 3-Nitroaniline	9.798	138	117230	29.080	ng	99
54) 2,4-Dinitrophenol	9.910	184	178058	94.231	ng	99
55) Dibenzofuran	10.051	168	1056011	43.670	ng	99
56) 4-Nitrophenol	9.969	139	252640	82.513	ng	89
57) 2,4-Dinitrotoluene	10.039	165	239267	44.087	ng	95
58) Fluorene	10.398	166	808913	42.646	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	221040	46.836	ng	98
60) Diethylphthalate	10.274	149	848722	42.662	ng	98
61) 4-Chlorophenyl-phenyle...	10.386	204	396094	43.000	ng	95
62) 4-Nitroaniline	10.422	138	159862	40.512	ng	93
63) Azobenzene	10.551	77	773568	41.943	ng	95
65) 4,6-Dinitro-2-methylph...	10.445	198	124635	50.199	ng	95
66) n-Nitrosodiphenylamine	10.510	169	705387	48.481	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	250796	47.348	ng	96
68) Hexachlorobenzene	10.945	284	284020	46.329	ng	98
69) Atrazine	11.045	200	225732	52.299	ng	96
70) Pentachlorophenol	11.139	266	271652	78.392	ng	97
71) Phenanthrene	11.363	178	1169709	45.838	ng	99
72) Anthracene	11.416	178	1198588	46.838	ng	99
73) Carbazole	11.569	167	915519	42.064	ng	99
74) Di-n-butylphthalate	11.904	149	1188178	43.631	ng	99
75) Fluoranthene	12.551	202	1009622	38.973	ng	95
77) Benzidine	12.674	184	163995	50.007	ng	100
78) Pyrene	12.780	202	987040	45.176	ng	98
80) Butylbenzylphthalate	13.410	149	315866	46.452	ng	99
81) Benzo(a)anthracene	13.974	228	662129	44.683	ng	98
82) 3,3'-Dichlorobenzidine	13.945	252	157254	44.086	ng	96
83) Chrysene	14.015	228	645636	45.125	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	393574	48.228	ng	# 97
85) Di-n-octyl phthalate	14.592	149	732219	54.466	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	818873	45.651	ng	99
88) Benzo(b)fluoranthene	15.033	252	723772	42.858	ng	98
89) Benzo(k)fluoranthene	15.068	252	678183	42.283	ng	99
90) Benzo(a)pyrene	15.409	252	631140	45.718	ng	98
91) Dibenzo(a,h)anthracene	17.003	278	661235	45.915	ng	99
92) Benzo(g,h,i)perylene	17.445	276	650173	44.993	ng	99

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

Quant Time: Dec 04 05:59:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

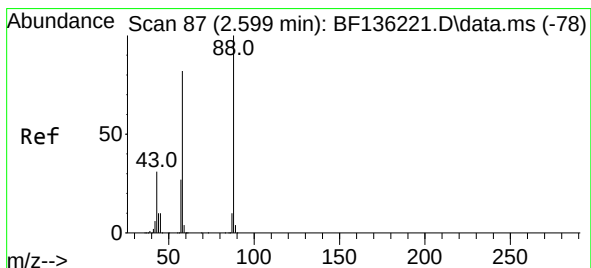
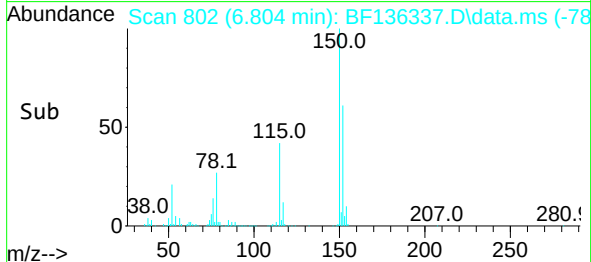
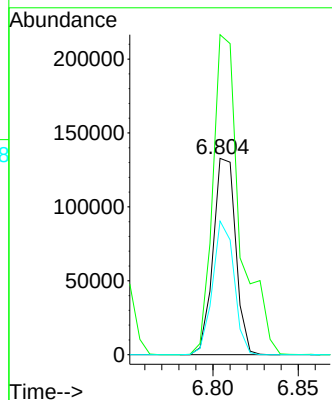
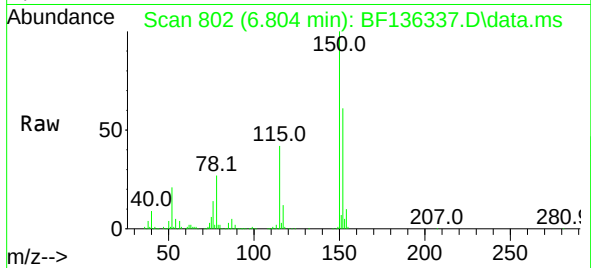




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

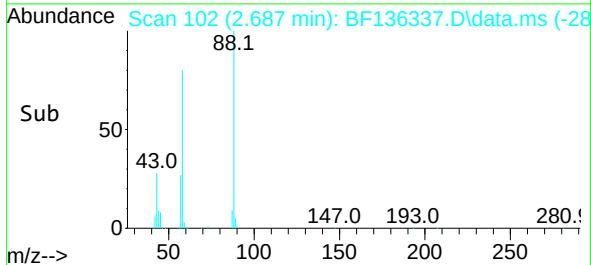
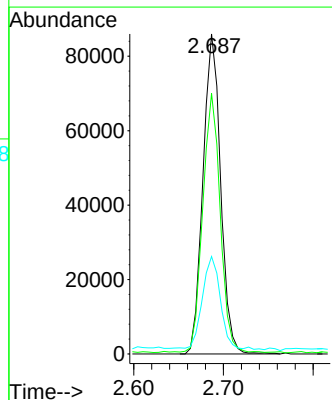
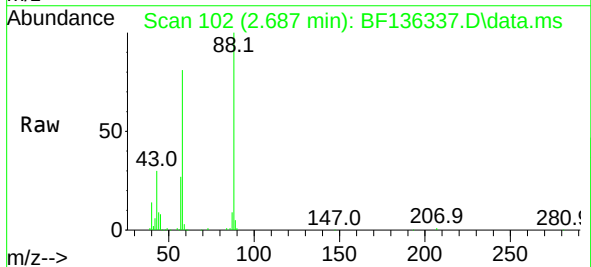
Instrument :
BNA_F
ClientSampleId :
PB157140BS

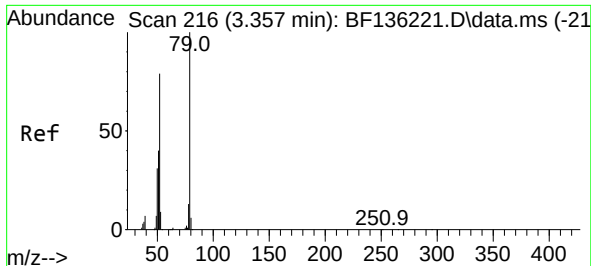
Tgt Ion:152 Resp: 122405
Ion Ratio Lower Upper
152 100
150 163.0 137.8 206.8
115 68.0 52.7 79.1



#2
1,4-Dioxane
Concen: 35.241 ng
RT: 2.687 min Scan# 102
Delta R.T. 0.088 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion: 88 Resp: 117267
Ion Ratio Lower Upper
88 100
58 79.8 65.9 98.9
43 29.0 24.8 37.2

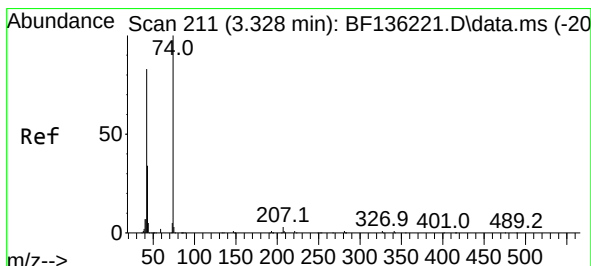
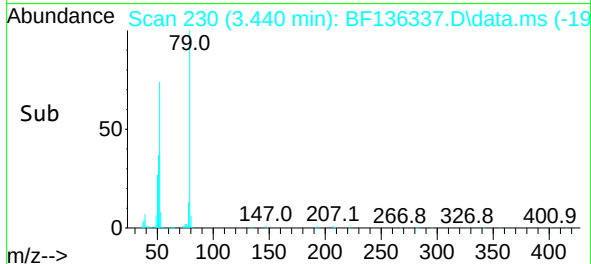
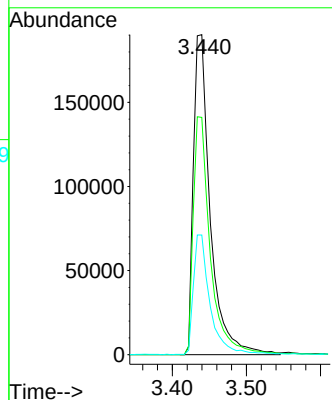
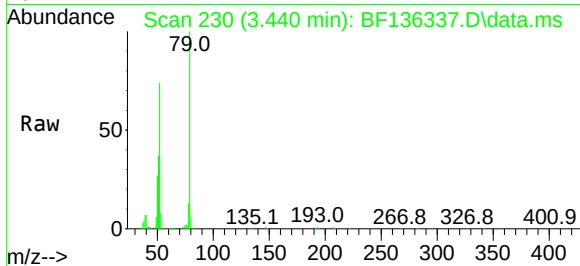




#3
 Pyridine
 Concen: 36.648 ng
 RT: 3.440 min Scan# 21
 Delta R.T. 0.082 min
 Lab File: BF136337.D
 Acq: 01 Dec 2023 14:48

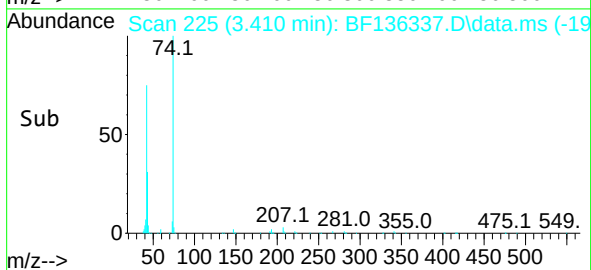
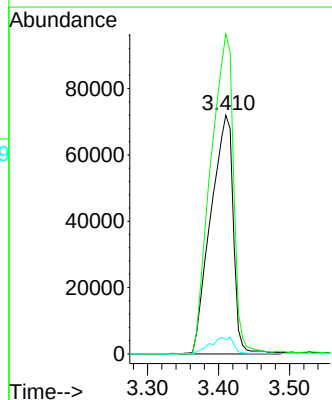
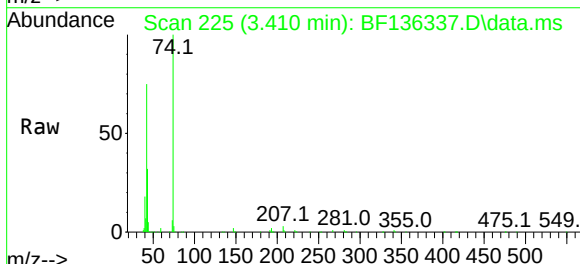
Instrument :
 BNA_F
 ClientSampleId :
 PB157140BS

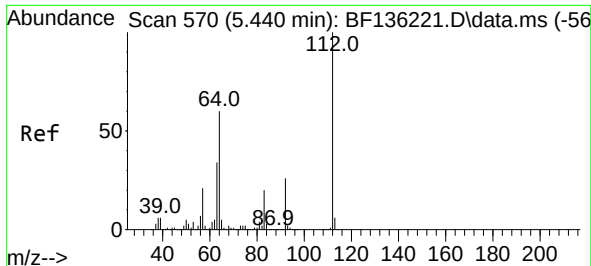
Tgt Ion: 79 Resp: 301037
 Ion Ratio Lower Upper
 79 100
 52 74.2 63.2 94.8
 51 37.4 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 38.156 ng
 RT: 3.410 min Scan# 225
 Delta R.T. 0.082 min
 Lab File: BF136337.D
 Acq: 01 Dec 2023 14:48

Tgt Ion: 42 Resp: 158429
 Ion Ratio Lower Upper
 42 100
 74 134.1 96.6 144.8
 44 6.1 5.4 8.2

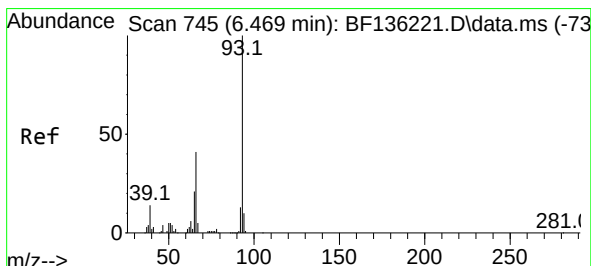
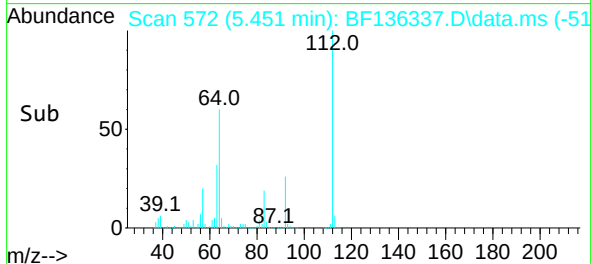
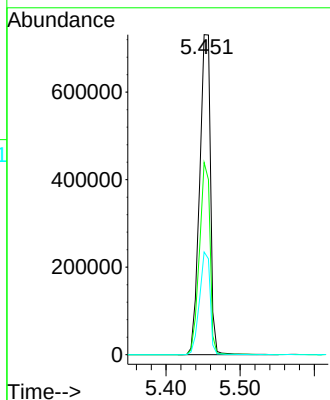
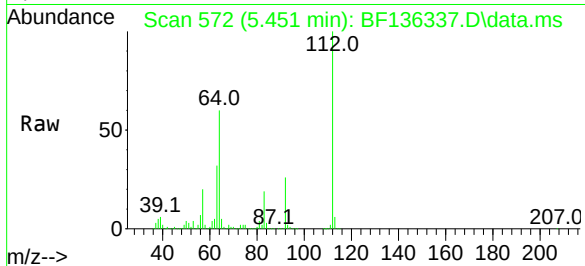




#5
2-Fluorophenol
Concen: 84.976 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

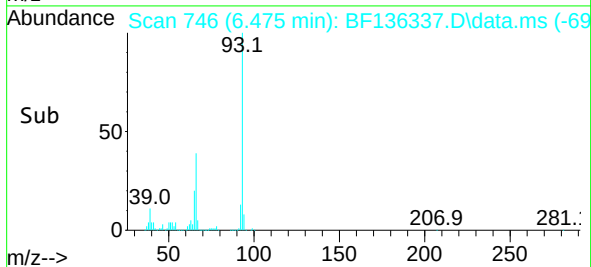
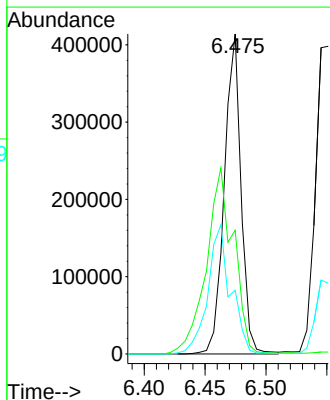
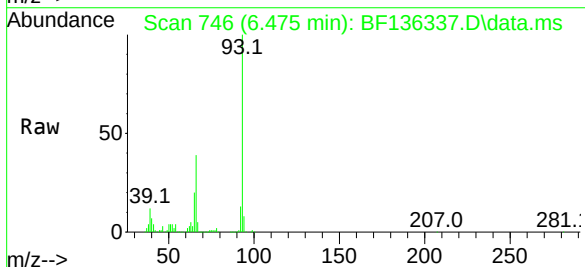
Instrument :
BNA_F
ClientSampleId :
PB157140BS

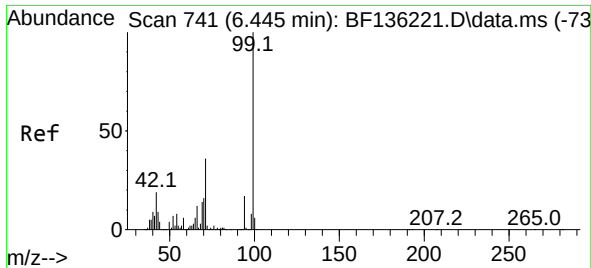
Tgt Ion:112 Resp: 747315
Ion Ratio Lower Upper
112 100
64 60.0 48.2 72.4
63 32.1 27.0 40.6



#6
Aniline
Concen: 37.974 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion: 93 Resp: 394678
Ion Ratio Lower Upper
93 100
66 38.7 34.1 51.1
65 19.9 17.3 25.9





#7

Phenol-d6

Concen: 83.662 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

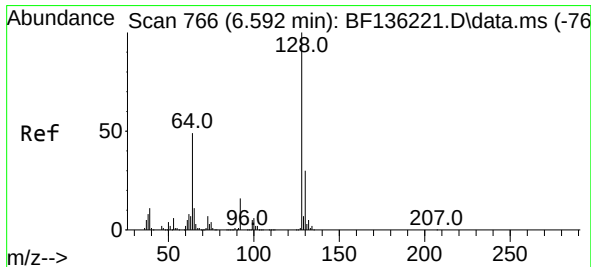
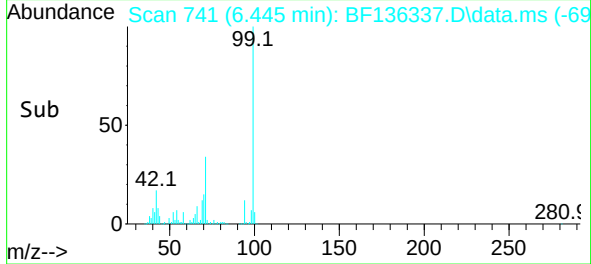
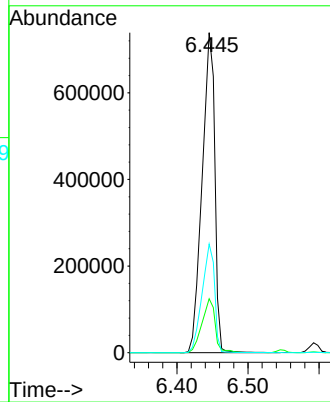
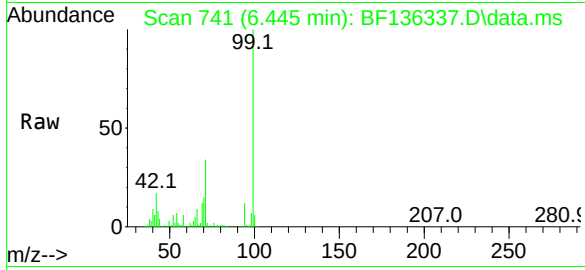
Tgt Ion: 99 Resp: 919964

Ion Ratio Lower Upper

99 100

42 16.9 15.0 22.6

71 34.0 28.9 43.3



#8

2-Chlorophenol

Concen: 44.075 ng

RT: 6.592 min Scan# 766

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

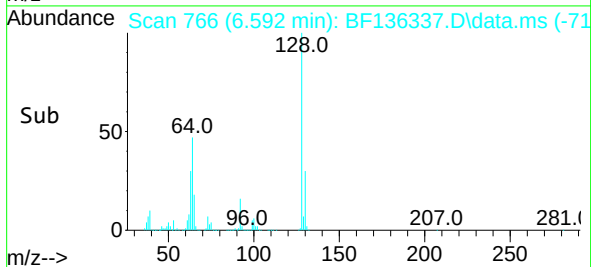
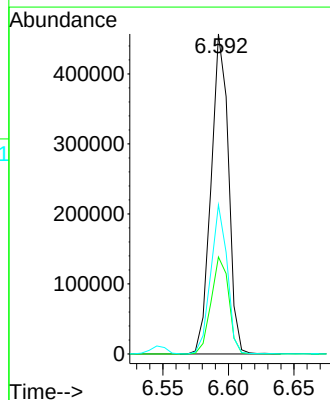
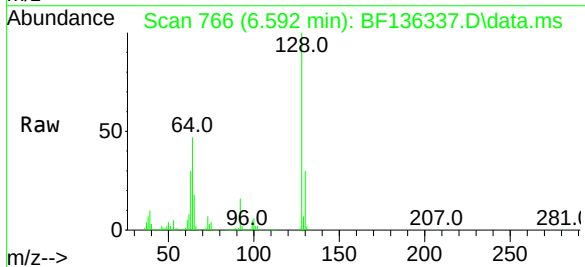
Tgt Ion:128 Resp: 422053

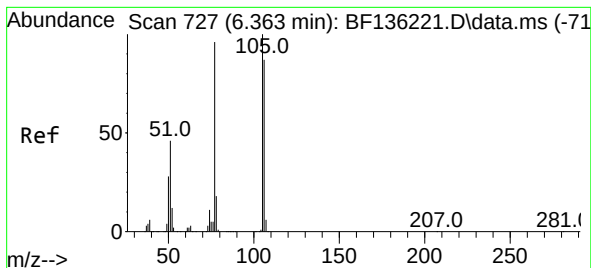
Ion Ratio Lower Upper

128 100

130 30.3 10.3 50.3

64 46.6 30.0 70.0





#9

Benzaldehyde

Concen: 25.071 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

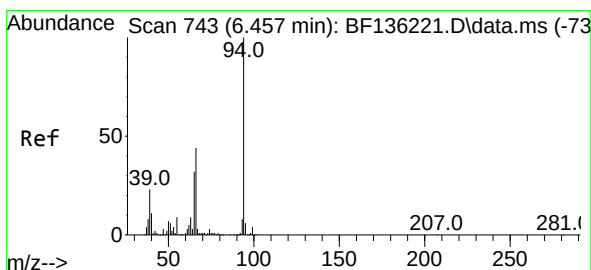
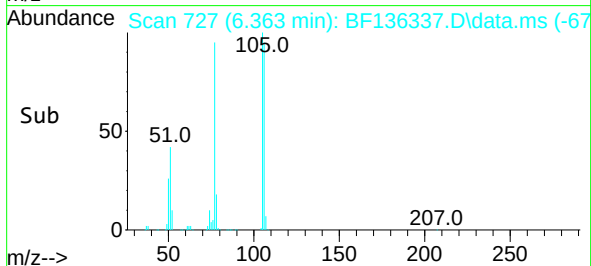
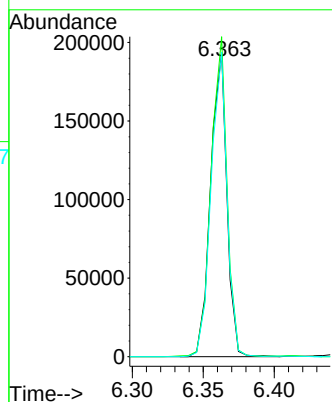
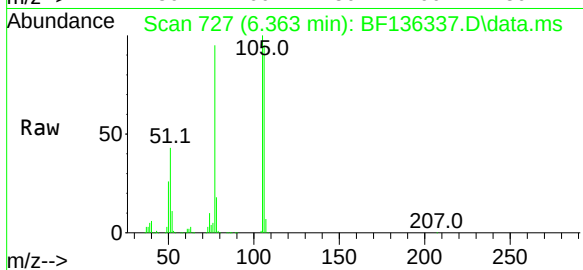
Tgt Ion: 77 Resp: 153653

Ion Ratio Lower Upper

77 100

105 105.2 84.3 124.3

106 100.1 71.0 111.0



#10

Phenol

Concen: 42.845 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

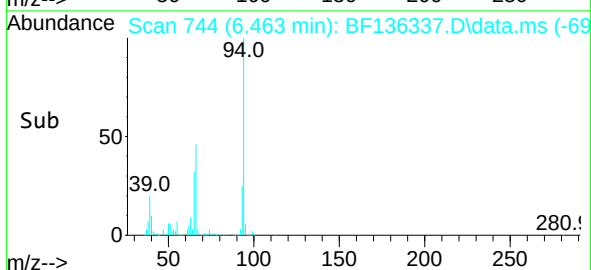
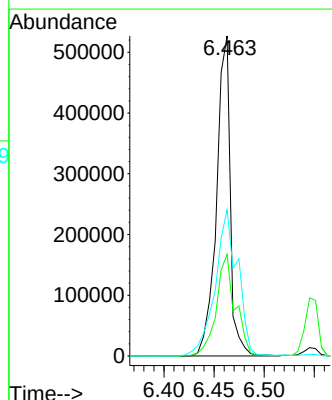
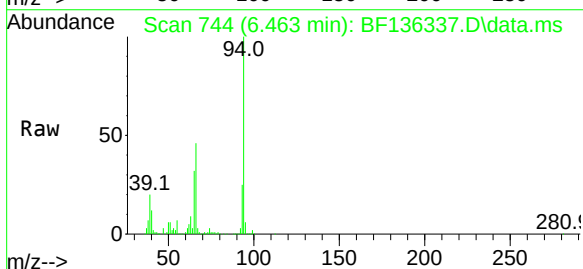
Tgt Ion: 94 Resp: 505441

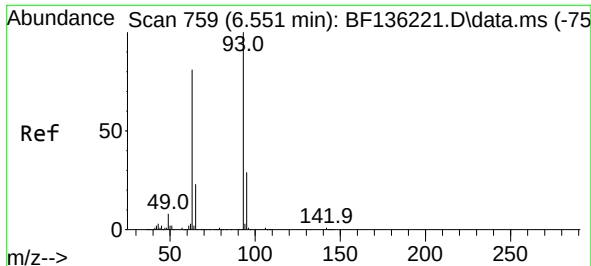
Ion Ratio Lower Upper

94 100

65 31.8 12.5 52.5

66 45.7 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 43.190 ng

RT: 6.551 min Scan# 759

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

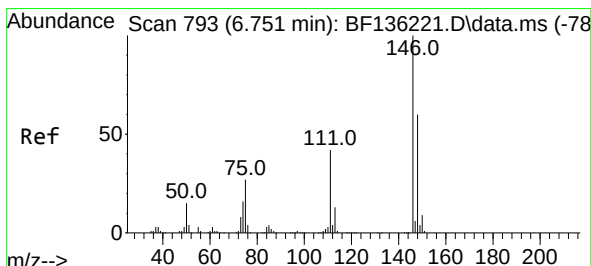
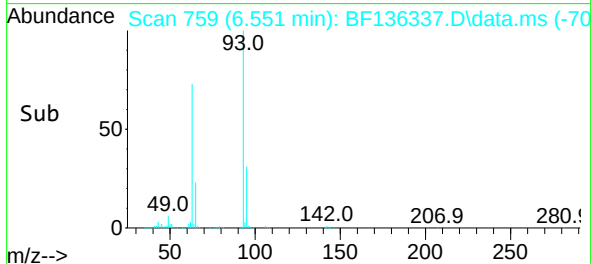
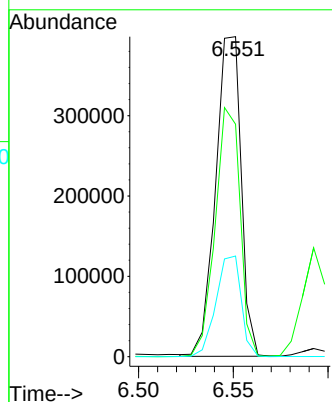
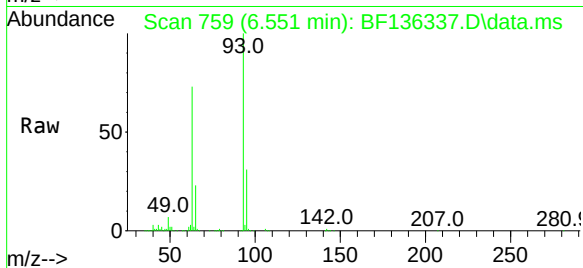
BNA_F

ClientSampleId :

PB157140BS

Tgt Ion: 93 Resp: 373782

Ion	Ratio	Lower	Upper
93	100		
63	72.6	60.2	100.2
95	31.5	9.1	49.1



#12

1,3-Dichlorobenzene

Concen: 40.662 ng

RT: 6.751 min Scan# 793

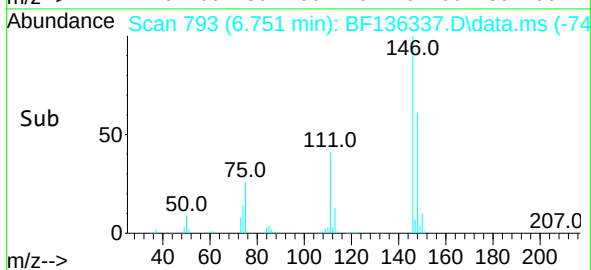
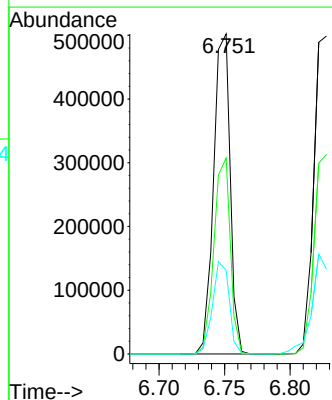
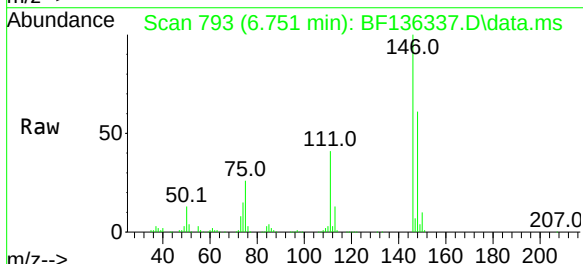
Delta R.T. -0.000 min

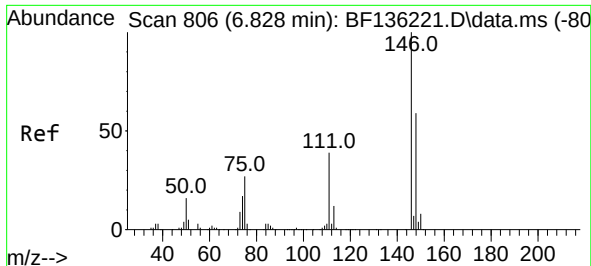
Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Tgt Ion: 146 Resp: 441866

Ion	Ratio	Lower	Upper
146	100		
148	61.2	47.8	71.6
75	26.1	22.0	33.0





#13

1,4-Dichlorobenzene

Concen: 40.260 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

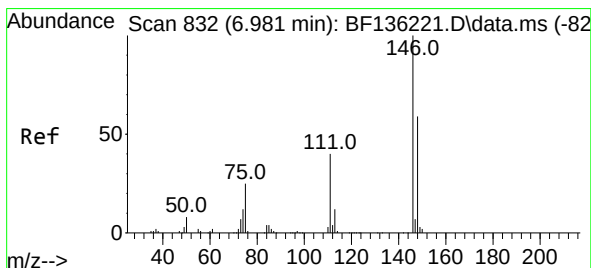
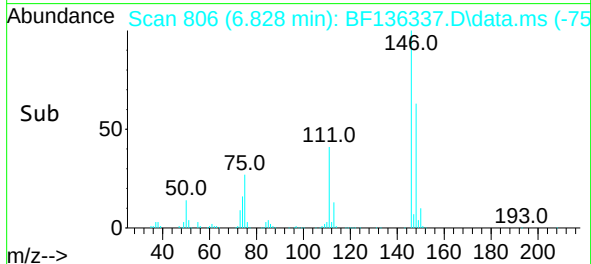
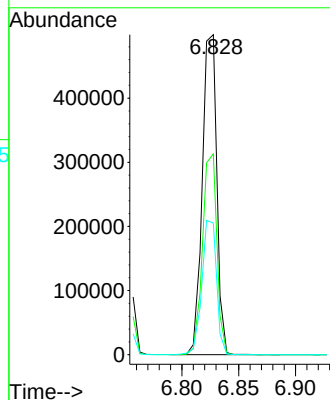
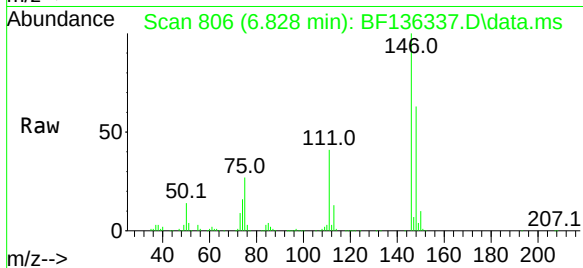
Tgt Ion:146 Resp: 444752

Ion Ratio Lower Upper

146 100

148 62.8 47.0 70.6

111 41.1 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 40.167 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

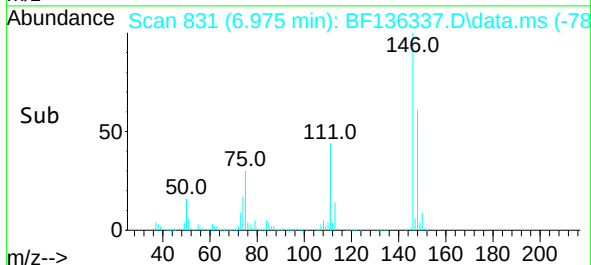
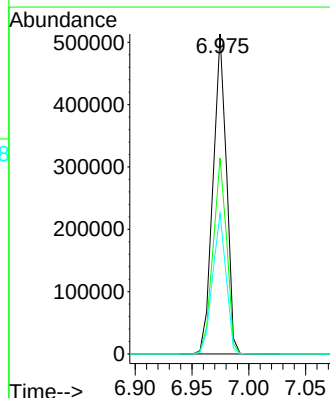
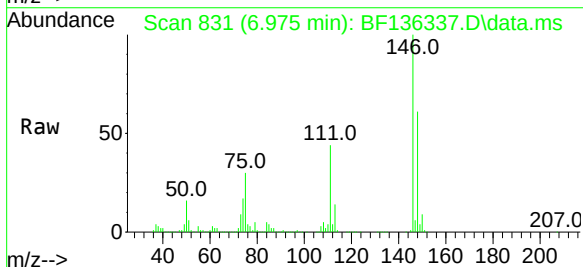
Tgt Ion:146 Resp: 420081

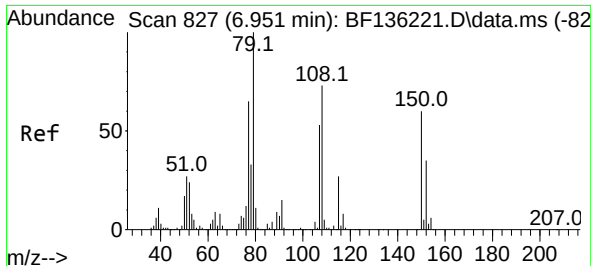
Ion Ratio Lower Upper

146 100

148 61.3 47.3 70.9

111 43.9 32.4 48.6

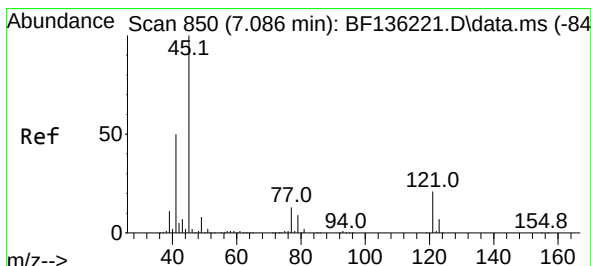
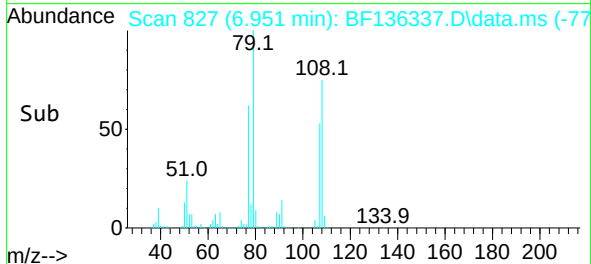
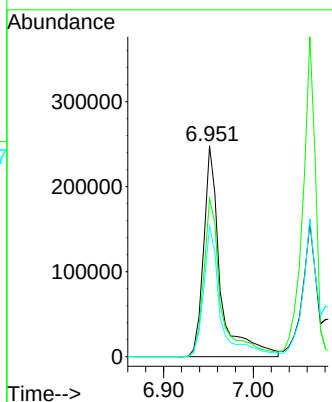
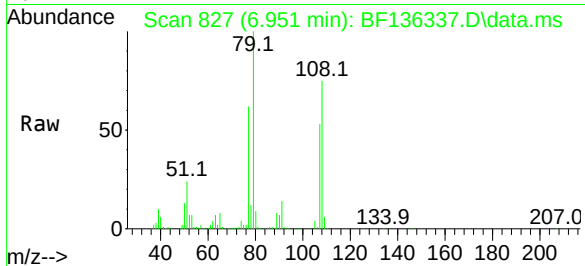




#15
Benzyl Alcohol
Concen: 41.615 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

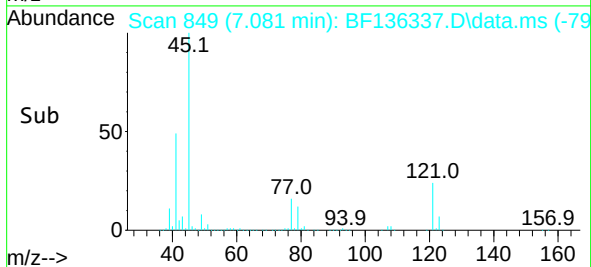
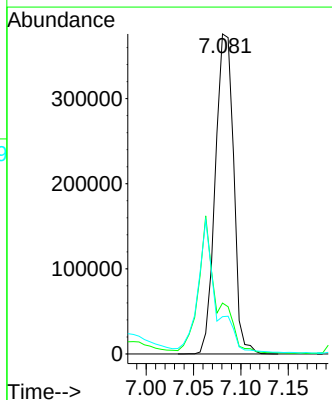
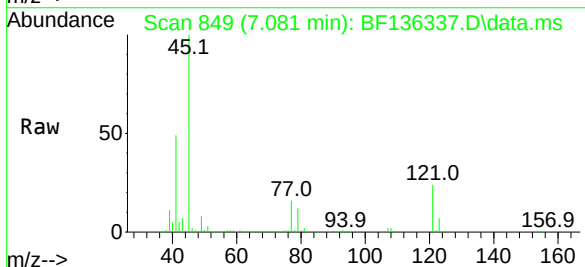
Instrument :
BNA_F
ClientSampleId :
PB157140BS

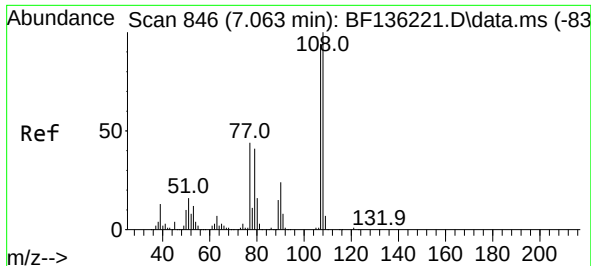
Tgt Ion: 79 Resp: 320836
Ion Ratio Lower Upper
79 100
108 74.9 58.1 87.1
77 61.8 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.015 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

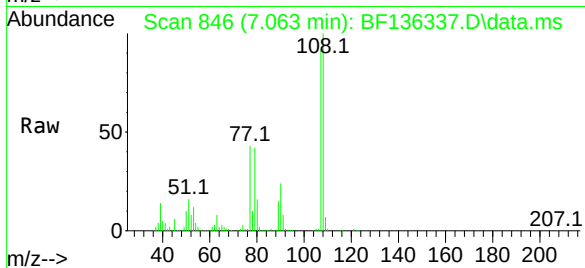
Tgt Ion: 45 Resp: 505065
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.0
79 11.6 0.0 30.1





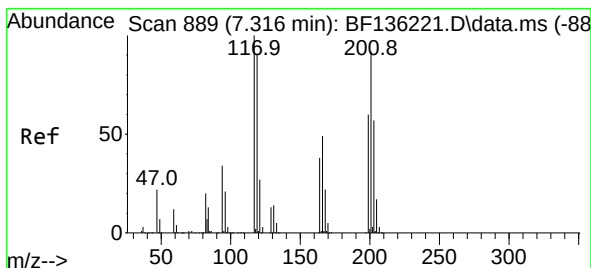
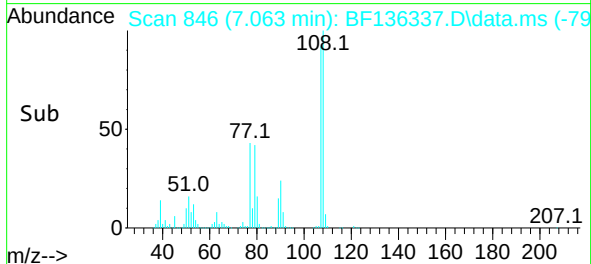
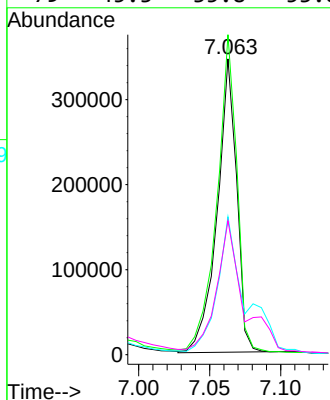
#17
2-Methylphenol
Concen: 43.524 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :
BNA_F
ClientSampleId :
PB157140BS



Tgt Ion:107 Resp: 327659

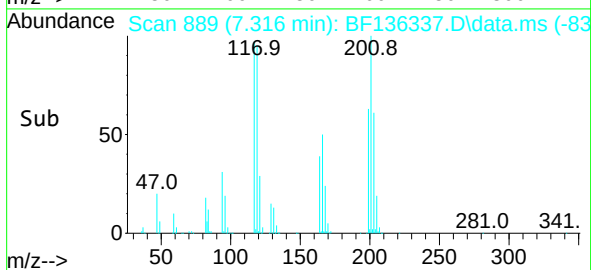
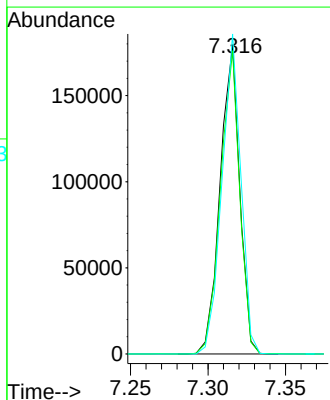
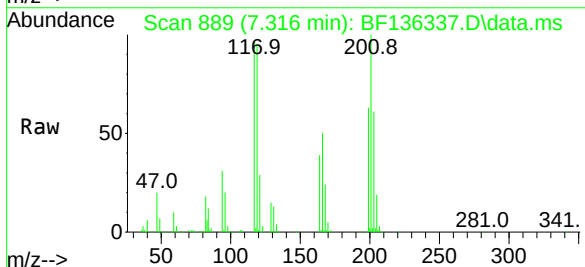
Ion	Ratio	Lower	Upper
107	100		
108	108.2	85.4	128.0
77	46.6	37.4	56.2
79	45.3	35.8	53.8

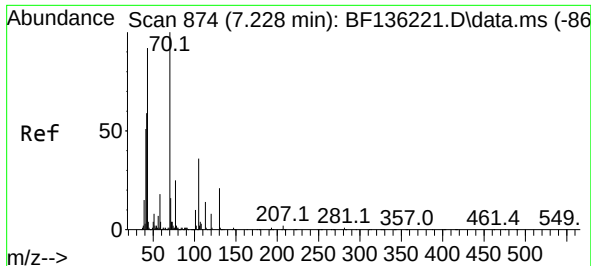


#18
Hexachloroethane
Concen: 40.577 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:117 Resp: 157234

Ion	Ratio	Lower	Upper
117	100		
119	98.1	71.6	107.4
201	103.5	73.4	110.2





#19

n-Nitroso-di-n-propylamine

Concen: 42.797 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136337.D

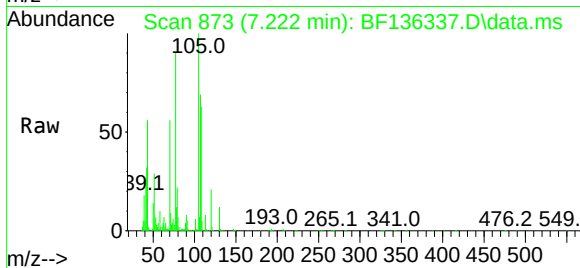
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS



Tgt Ion: 70 Resp: 281463

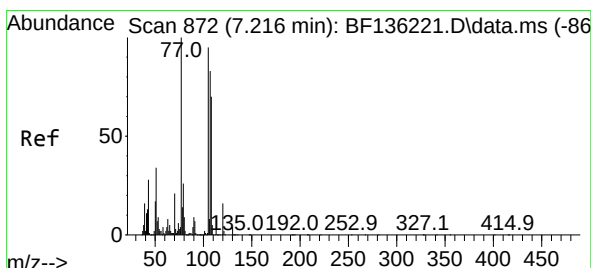
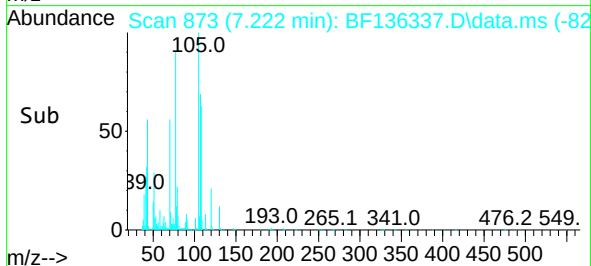
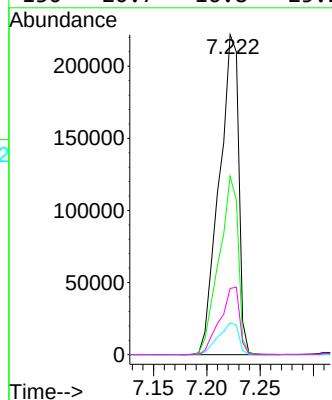
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

70	100		
----	-----	--	--

42	55.8	47.0	70.4
----	------	------	------

101	9.9	7.8	11.8
-----	-----	-----	------

130	20.7	16.8	25.2
-----	------	------	------



#20

3+4-Methylphenols

Concen: 42.315 ng

RT: 7.216 min Scan# 872

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Tgt Ion: 107 Resp: 414012

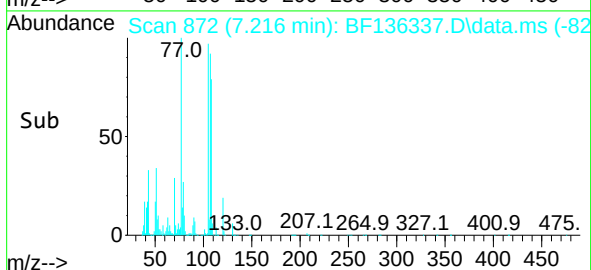
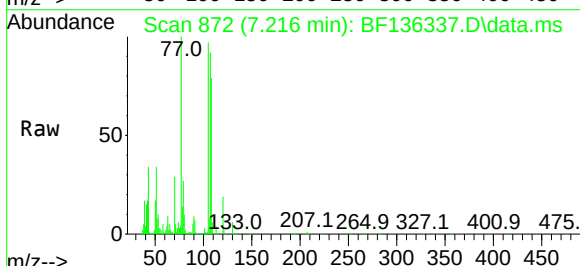
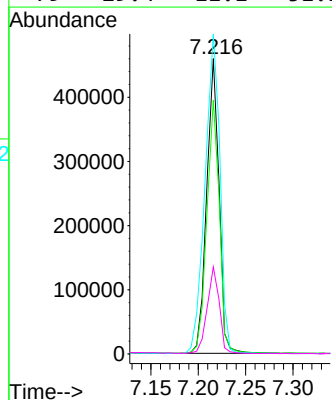
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

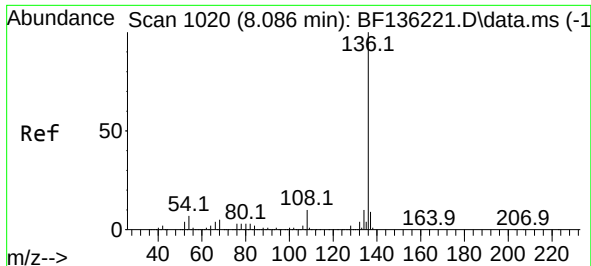
107	100		
-----	-----	--	--

108	85.9	63.9	103.9
-----	------	------	-------

77	108.3	100.2	140.2
----	-------	-------	-------

79	29.4	11.1	51.1
----	------	------	------

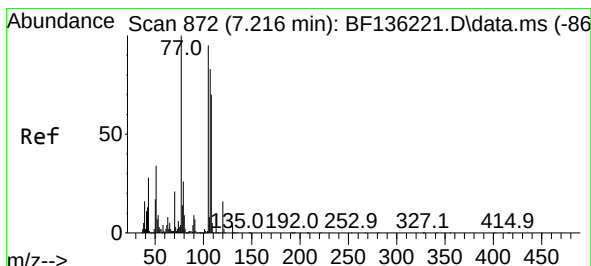
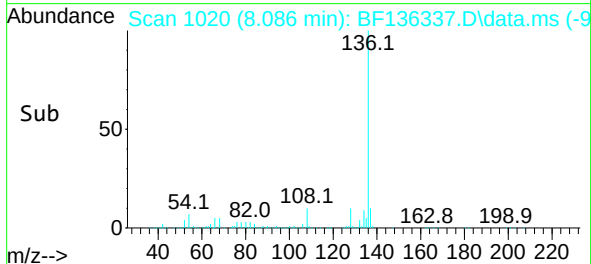
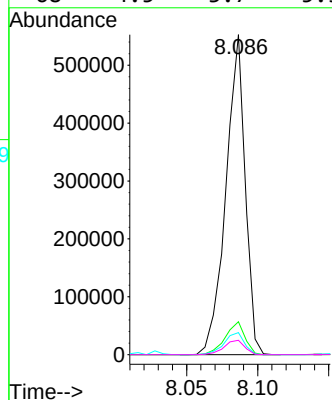
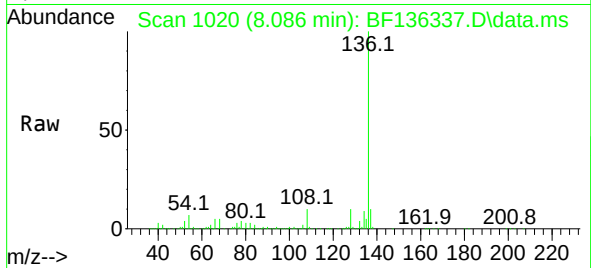




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

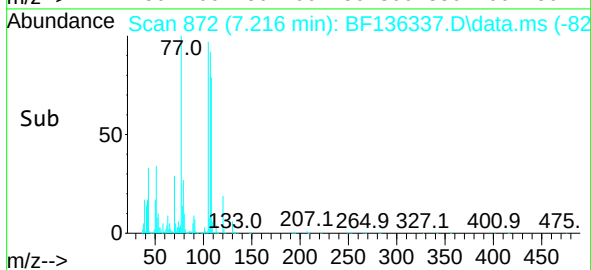
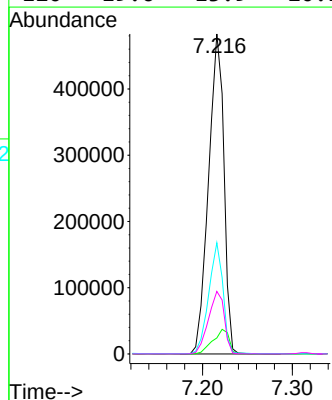
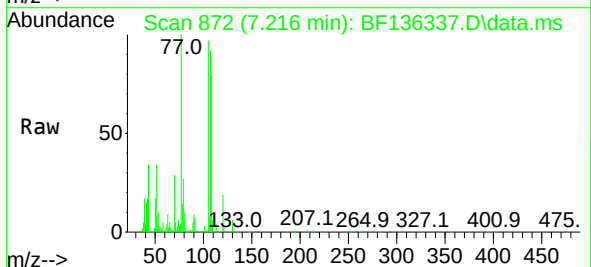
Instrument :
BNA_F
ClientSampleId :
PB157140BS

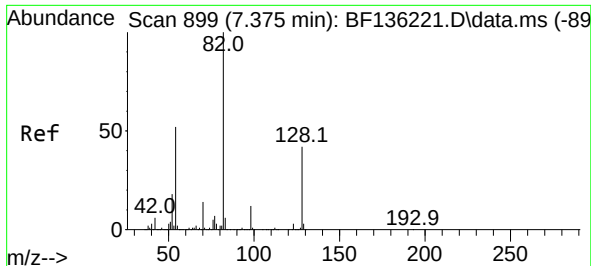
Tgt Ion:136 Resp: 521753
Ion Ratio Lower Upper
136 100
137 10.3 7.4 11.2
54 6.9 5.5 8.3
68 4.5 3.7 5.5



#22
Acetophenone
Concen: 41.941 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:105 Resp: 574714
Ion Ratio Lower Upper
105 100
71 5.0 2.8 4.2#
51 34.8 29.0 43.6
120 19.6 13.9 20.9





#23

Nitrobenzene-d5

Concen: 84.007 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

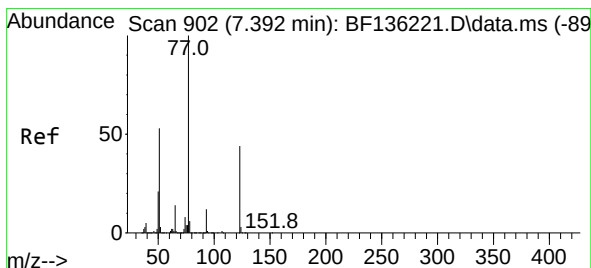
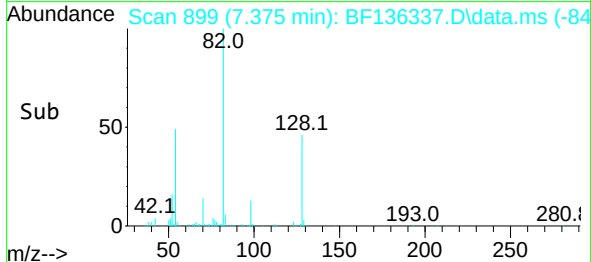
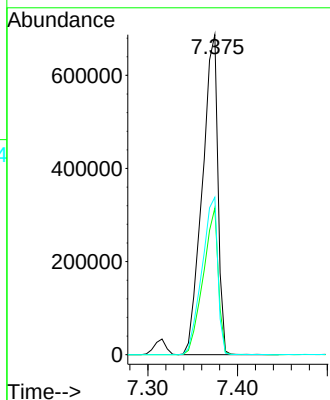
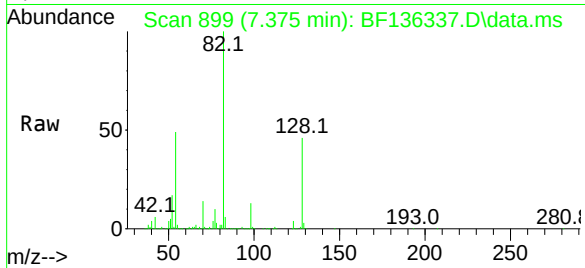
Tgt Ion: 82 Resp: 829448

Ion Ratio Lower Upper

82 100

128 45.8 33.4 50.2

54 49.2 41.7 62.5



#24

Nitrobenzene

Concen: 41.234 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

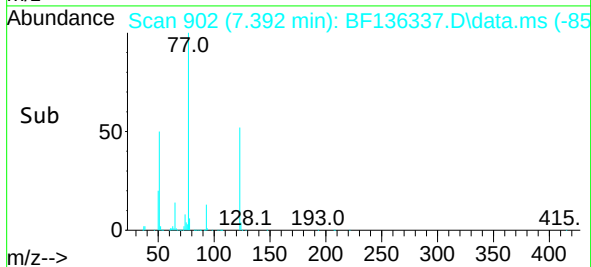
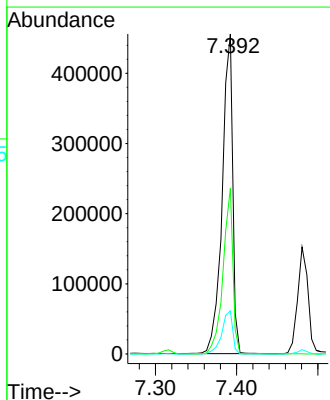
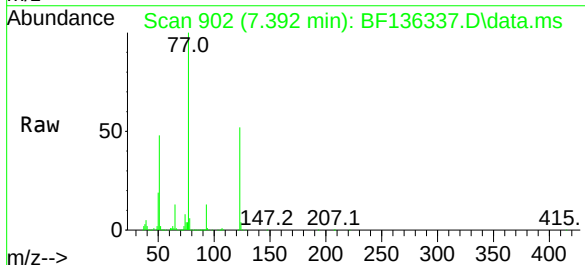
Tgt Ion: 77 Resp: 412577

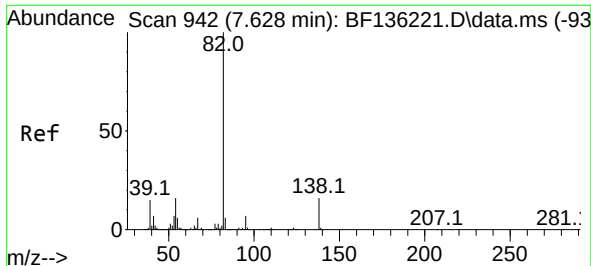
Ion Ratio Lower Upper

77 100

123 51.8 35.4 53.2

65 13.5 11.0 16.6

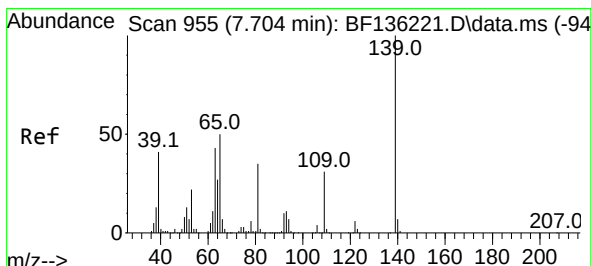
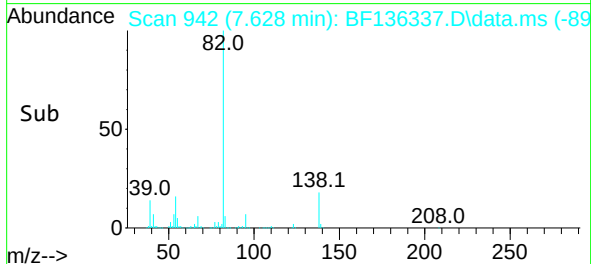
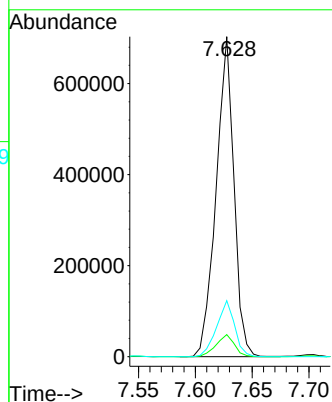
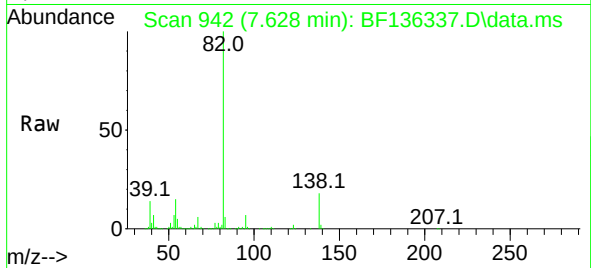




#25
Isophorone
Concen: 43.116 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

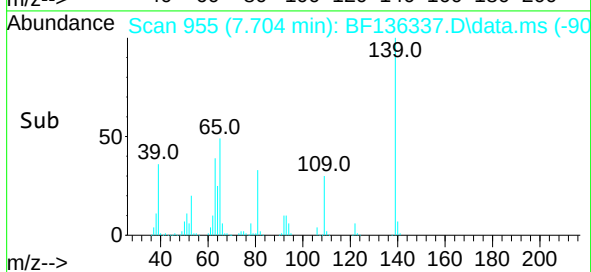
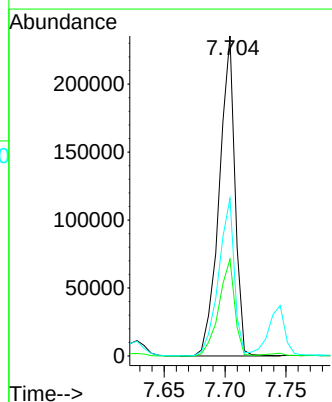
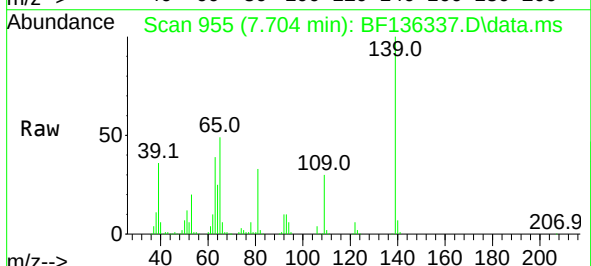
Instrument :
BNA_F
ClientSampleId :
PB157140BS

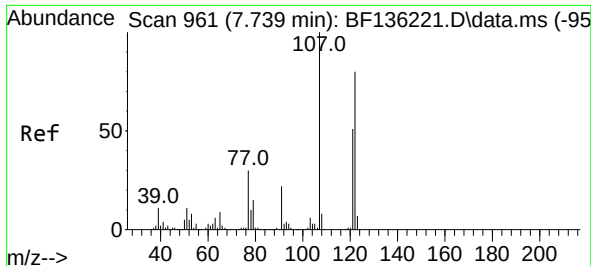
Tgt Ion: 82 Resp: 767612
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.5 12.8 19.2



#26
2-Nitrophenol
Concen: 49.932 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion: 139 Resp: 212871
Ion Ratio Lower Upper
139 100
109 30.2 25.0 37.6
65 49.3 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 64.437 ng

RT: 7.745 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

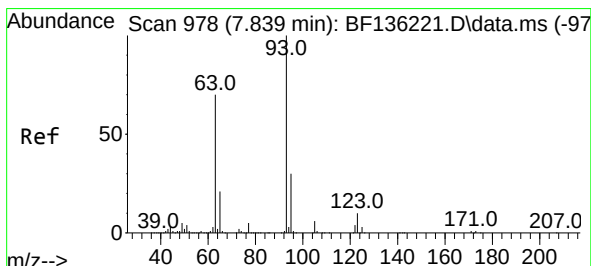
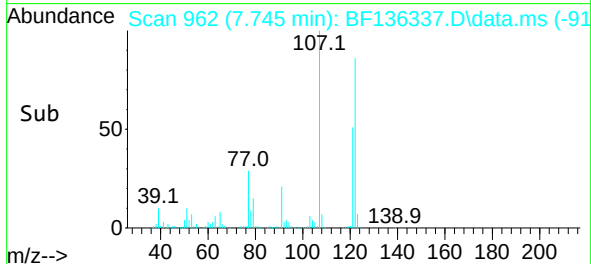
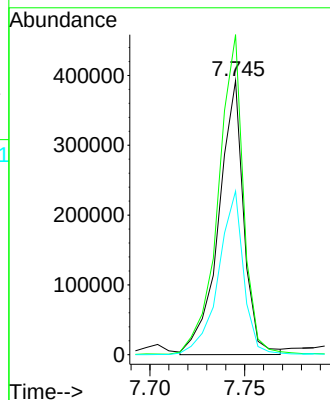
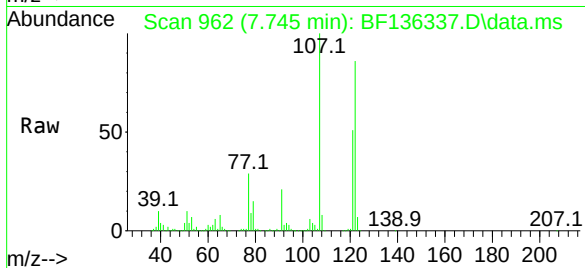
Tgt Ion:122 Resp: 361572

Ion Ratio Lower Upper

122 100

107 116.7 100.0 150.0

121 59.7 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.474 ng

RT: 7.839 min Scan# 978

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

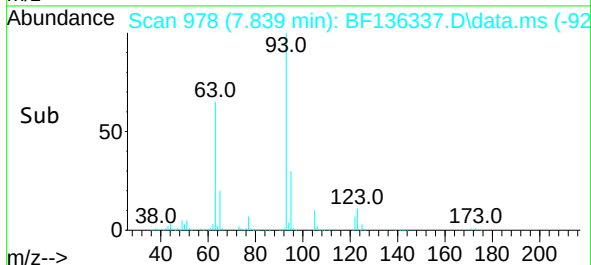
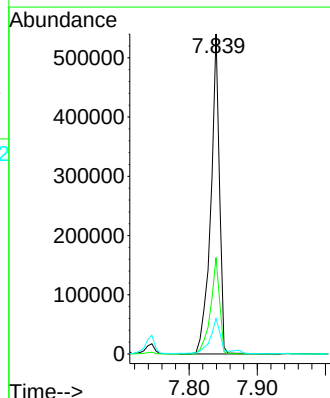
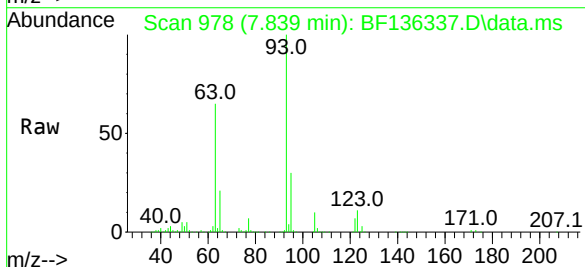
Tgt Ion: 93 Resp: 478939

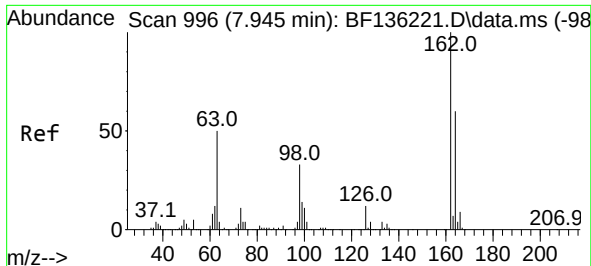
Ion Ratio Lower Upper

93 100

95 30.2 23.8 35.6

123 11.1 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 46.116 ng

RT: 7.945 min Scan# 996

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

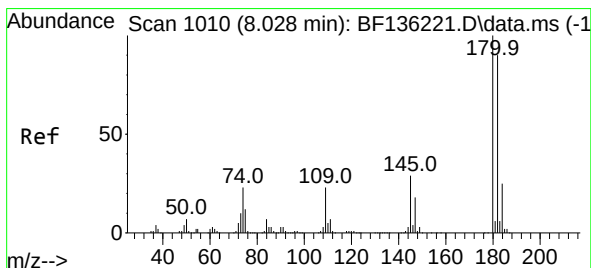
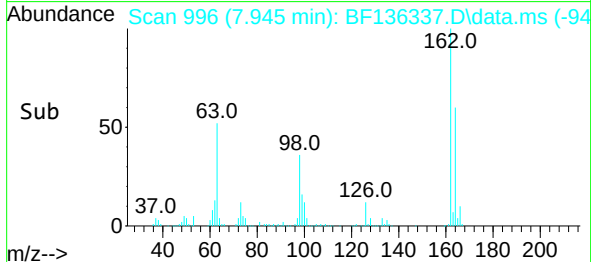
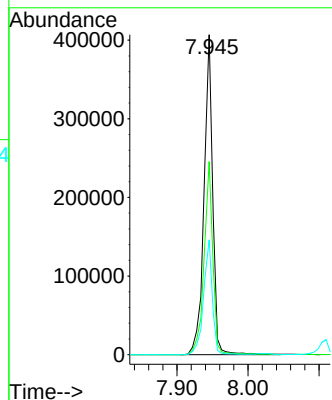
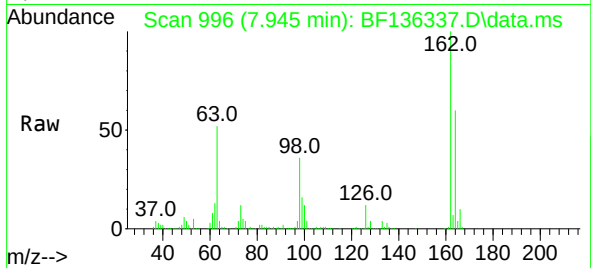
Tgt Ion:162 Resp: 349038

Ion Ratio Lower Upper

162 100

164 60.3 40.3 80.3

98 35.9 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 41.814 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

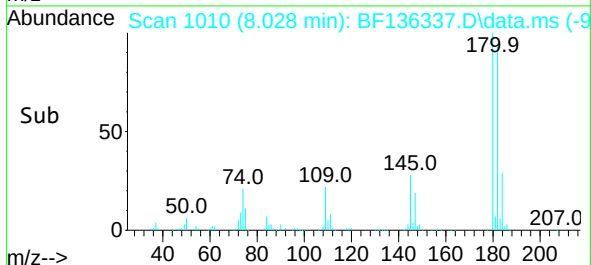
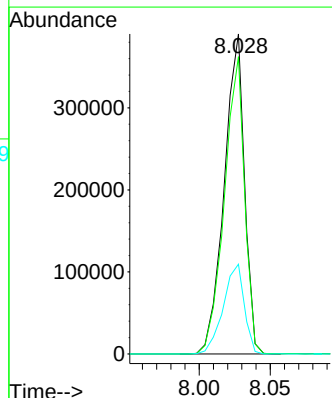
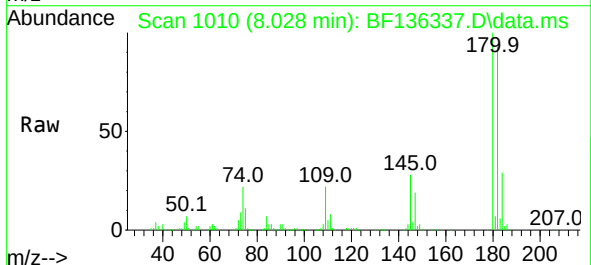
Tgt Ion:180 Resp: 387468

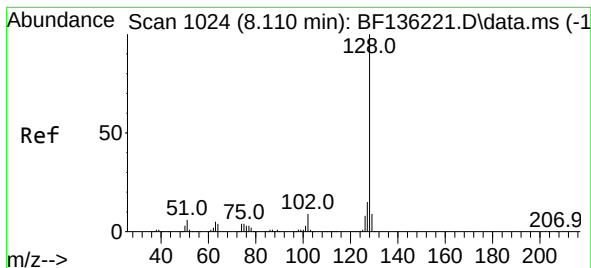
Ion Ratio Lower Upper

180 100

182 92.9 71.6 107.4

145 28.0 23.0 34.4





#31

Naphthalene

Concen: 43.016 ng

RT: 8.110 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

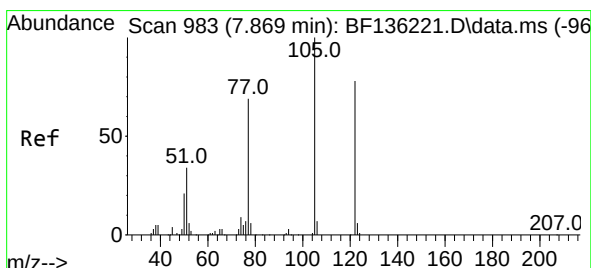
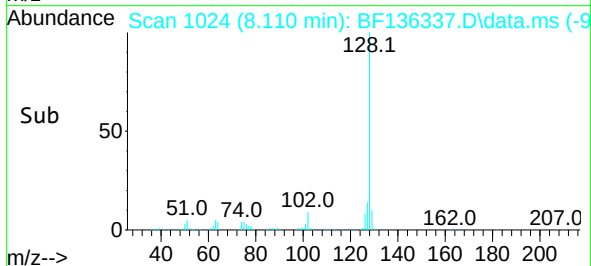
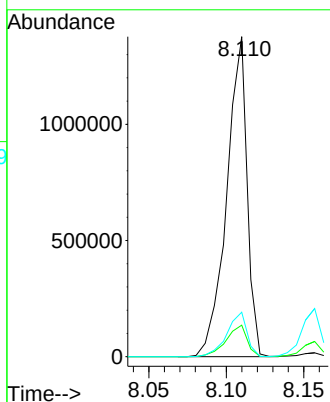
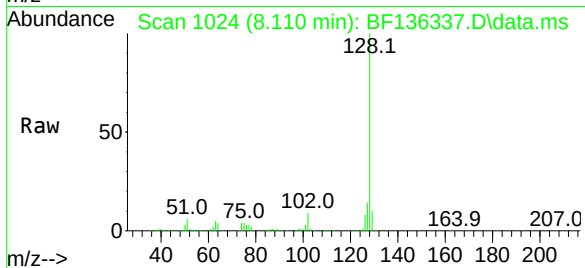
Tgt Ion:128 Resp: 1261520

Ion Ratio Lower Upper

128 100

129 9.9 7.3 10.9

127 13.9 11.8 17.6



#32

Benzoic acid

Concen: 46.838 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.006 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

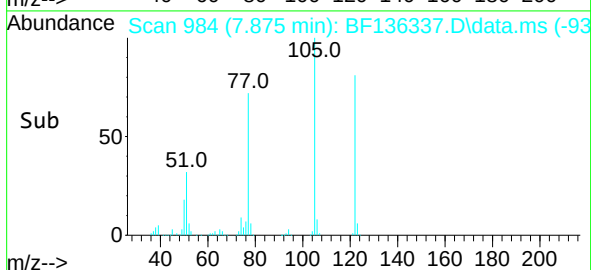
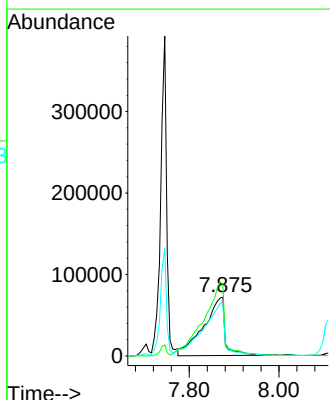
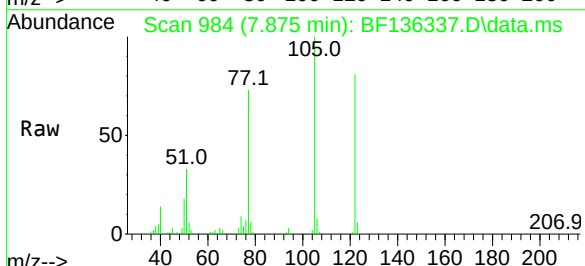
Tgt Ion:122 Resp: 239529

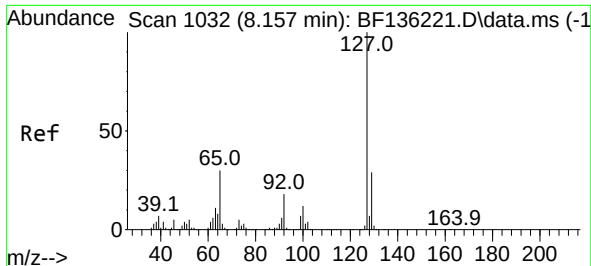
Ion Ratio Lower Upper

122 100

105 123.4 103.7 143.7

77 89.5 66.8 106.8

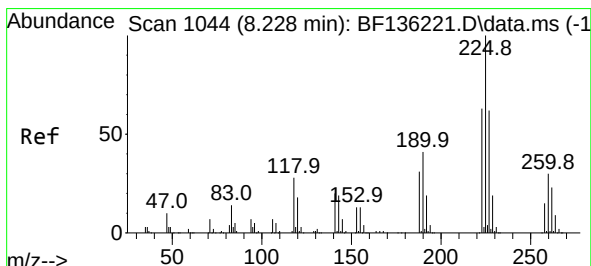
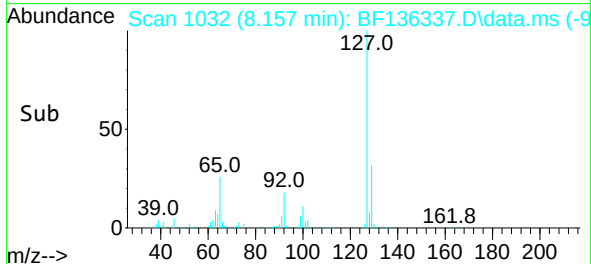
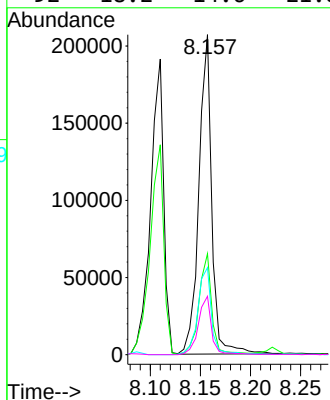
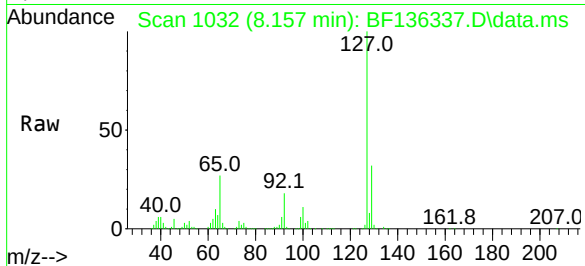




#33
4-Chloroaniline
Concen: 18.656 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

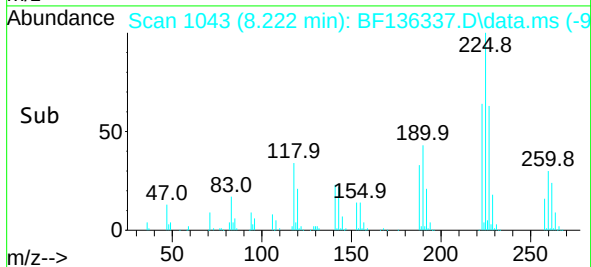
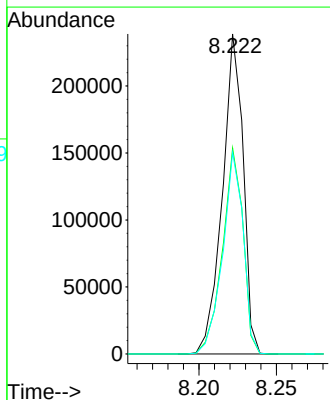
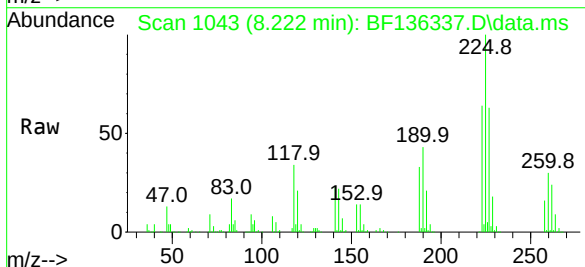
Instrument :
BNA_F
ClientSampleId :
PB157140BS

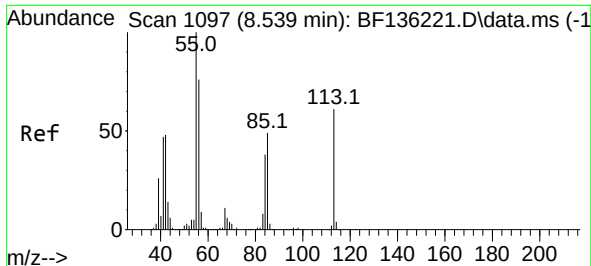
Tgt Ion:	127	Resp:	185972
Ion	Ratio	Lower	Upper
127	100		
129	31.6	23.4	35.2
65	27.2	23.8	35.6
92	18.2	14.6	21.8



#34
Hexachlorobutadiene
Concen: 40.956 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:	225	Resp:	222029
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	75.8
227	63.0	49.6	74.4

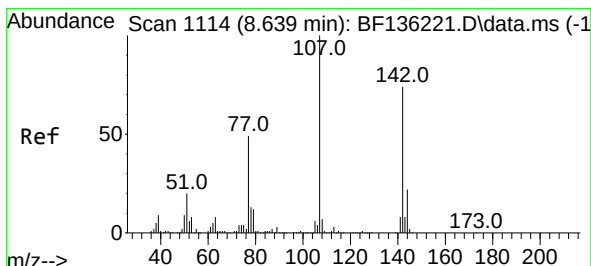
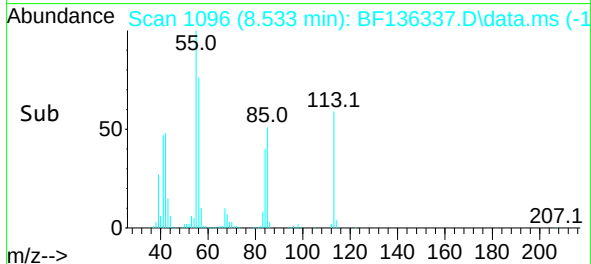
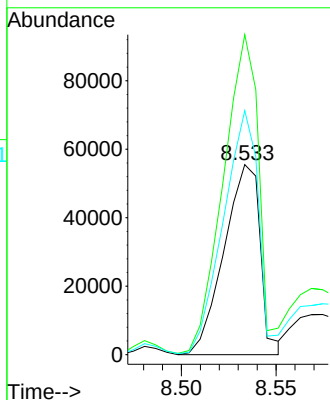
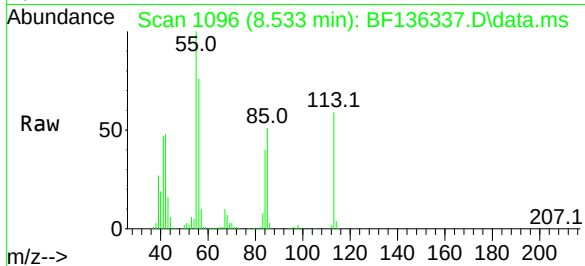




#35
 Caprolactam
 Concen: 34.841 ng
 RT: 8.533 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF136337.D
 Acq: 01 Dec 2023 14:48

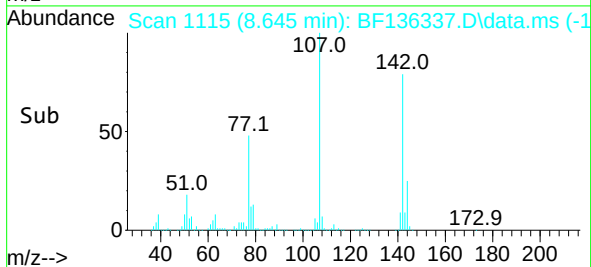
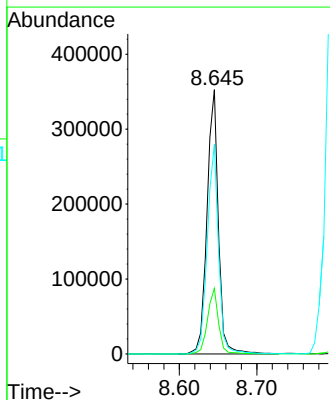
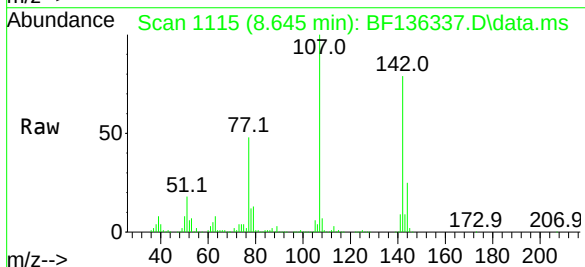
Instrument :
 BNA_F
 ClientSampleId :
 PB157140BS

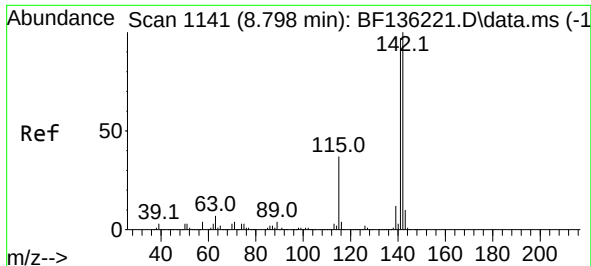
Tgt Ion:113 Resp: 73716
 Ion Ratio Lower Upper
 113 100
 55 168.4 143.1 183.1
 56 128.4 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.757 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.006 min
 Lab File: BF136337.D
 Acq: 01 Dec 2023 14:48

Tgt Ion:107 Resp: 359188
 Ion Ratio Lower Upper
 107 100
 144 24.8 17.8 26.8
 142 79.4 59.4 89.0

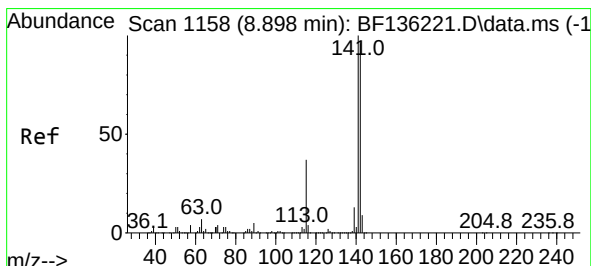
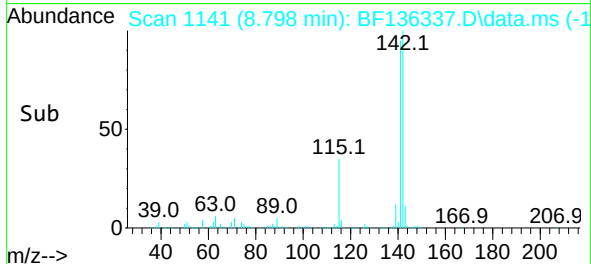
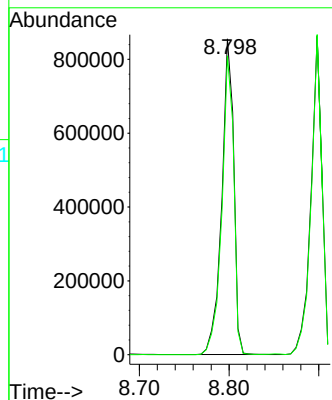
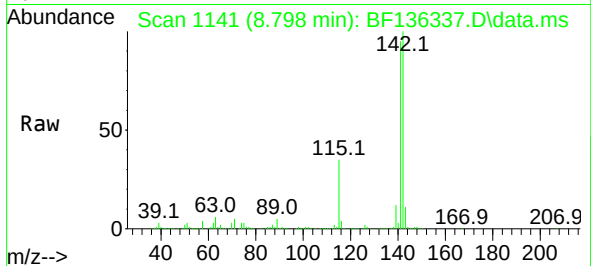




#37
2-Methylnaphthalene
Concen: 43.283 ng
RT: 8.798 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

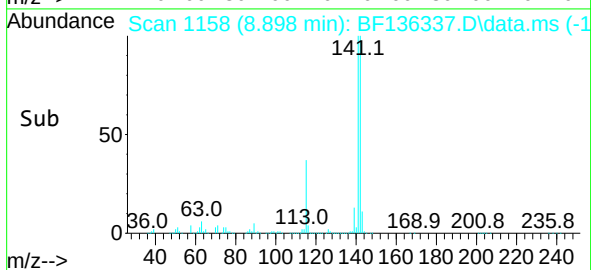
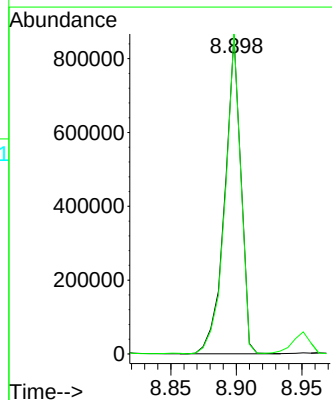
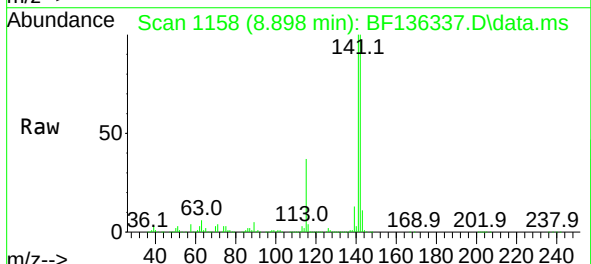
Instrument :
BNA_F
ClientSampleId :
PB157140BS

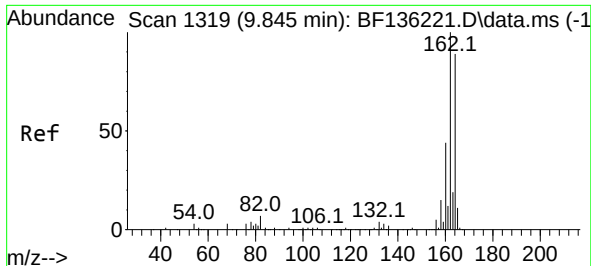
Tgt Ion:142 Resp: 796241
Ion Ratio Lower Upper
142 100
141 94.6 77.8 116.8



#38
1-Methylnaphthalene
Concen: 40.989 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

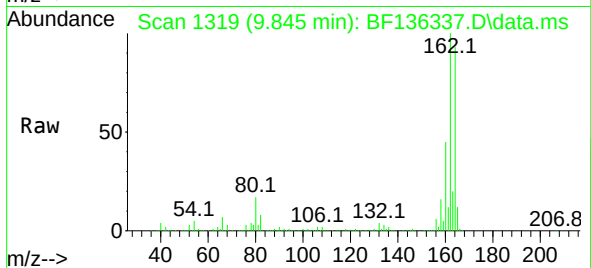
Tgt Ion:142 Resp: 735594
Ion Ratio Lower Upper
142 100
141 100.5 83.8 125.6



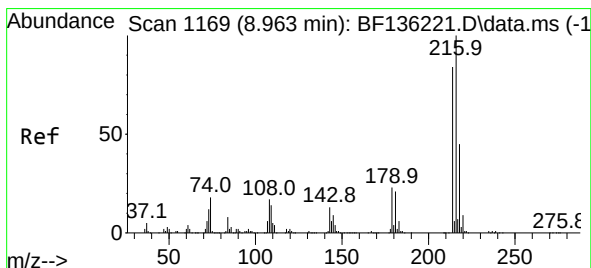
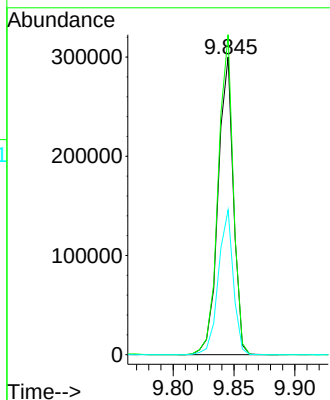
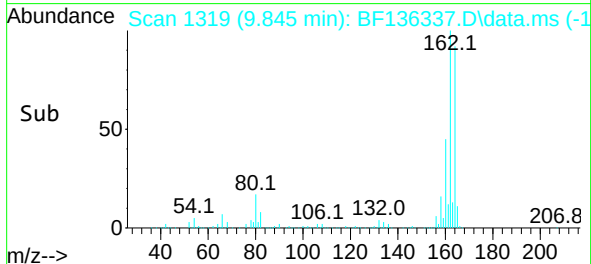


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

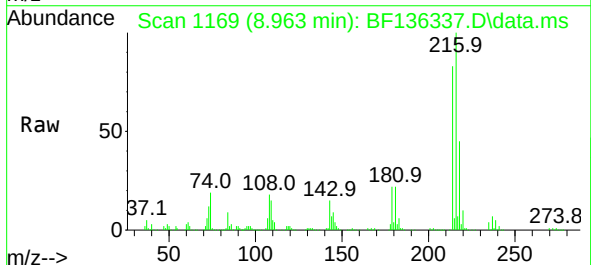
Instrument :
BNA_F
ClientSampleId :
PB157140BS



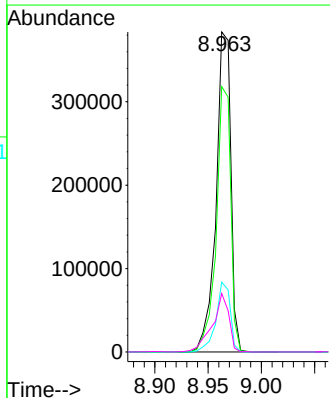
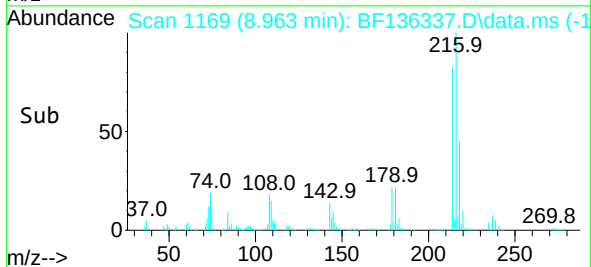
Tgt Ion:164 Resp: 263127
Ion Ratio Lower Upper
164 100
162 107.4 89.5 134.3
160 48.6 39.6 59.4

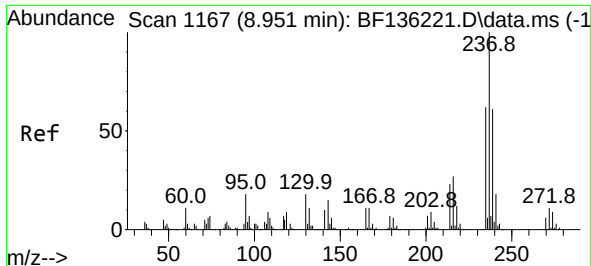


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.111 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



Tgt Ion:216 Resp: 369387
Ion Ratio Lower Upper
216 100
214 80.9 65.8 98.8
179 21.0 17.4 26.0
108 20.3 14.1 21.1

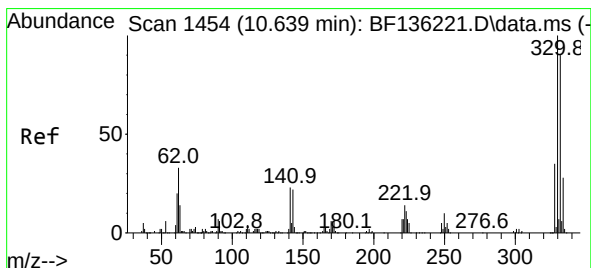
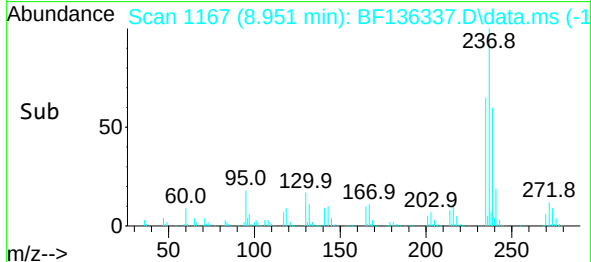
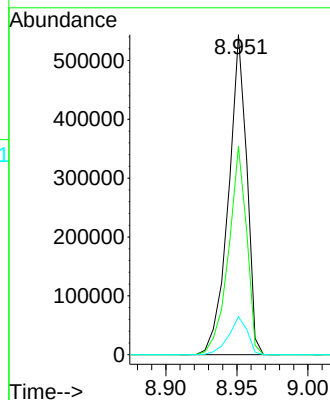
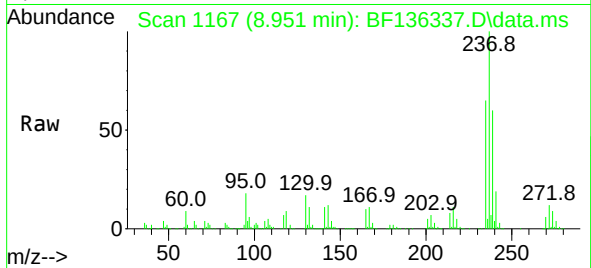




#41
Hexachlorocyclopentadiene
Concen: 150.739 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

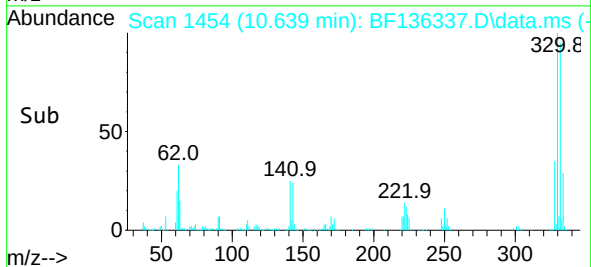
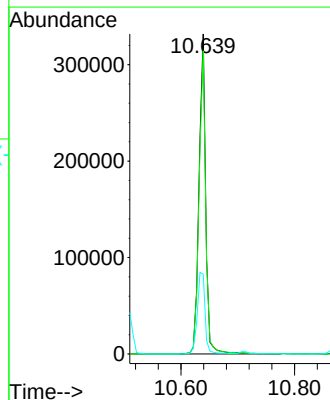
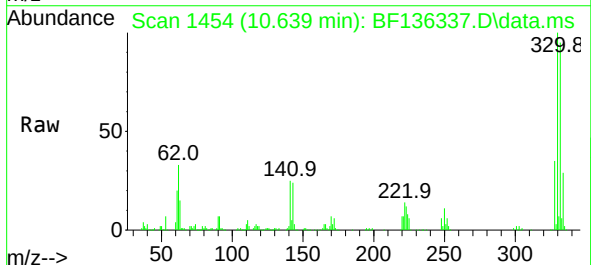
Instrument :
BNA_F
ClientSampleId :
PB157140BS

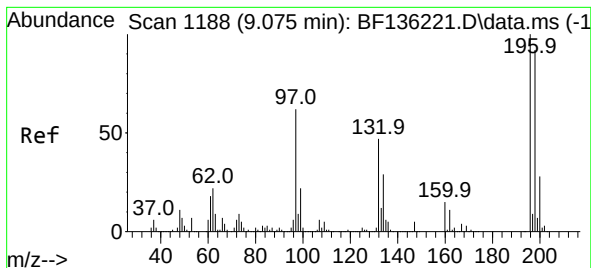
Tgt Ion:237 Resp: 485711
Ion Ratio Lower Upper
237 100
235 65.1 42.1 82.1
272 11.8 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 84.762 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:330 Resp: 272674
Ion Ratio Lower Upper
330 100
332 95.9 73.0 109.6
141 29.8 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 45.394 ng

RT: 9.080 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

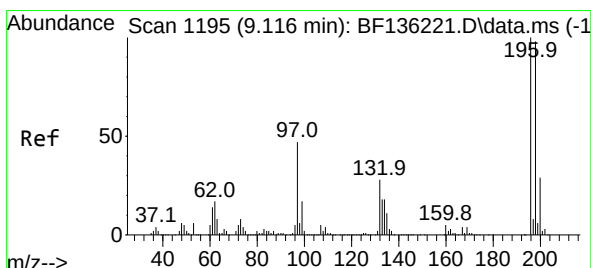
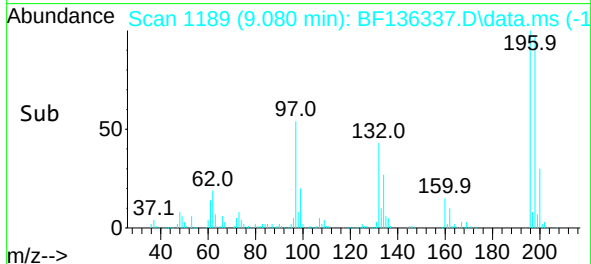
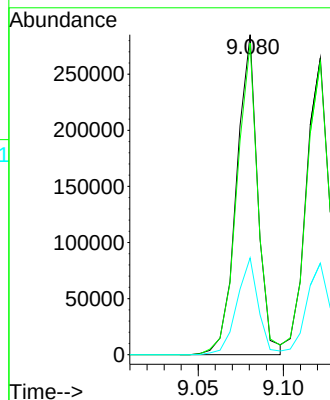
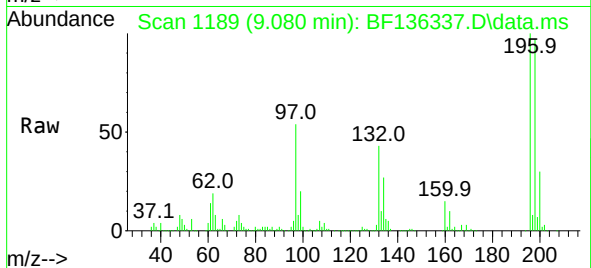
Tgt Ion:196 Resp: 246730

Ion Ratio Lower Upper

196 100

198 97.4 73.2 109.8

200 30.3 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 44.542 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Tgt Ion:196 Resp: 264203

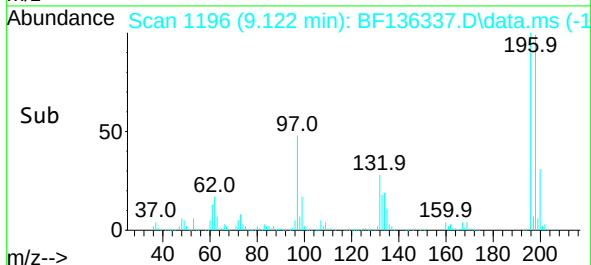
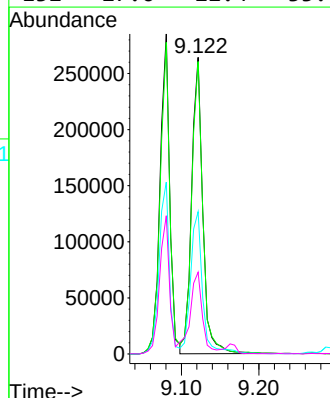
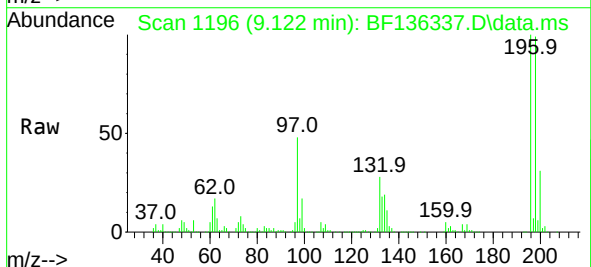
Ion Ratio Lower Upper

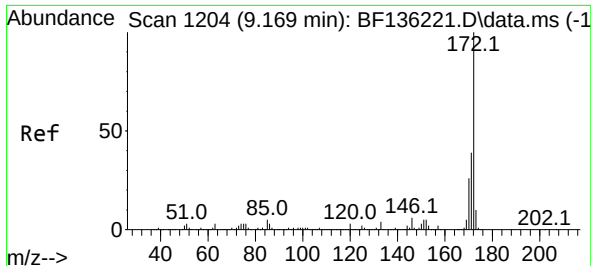
196 100

198 98.6 78.8 118.2

97 48.0 37.8 56.8

132 27.6 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 83.327 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

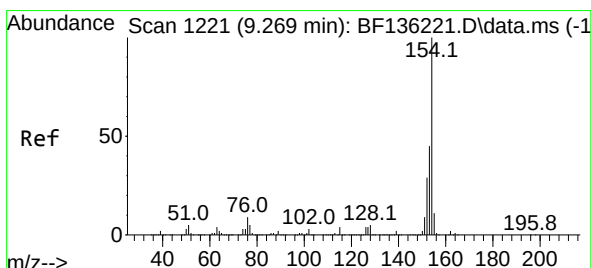
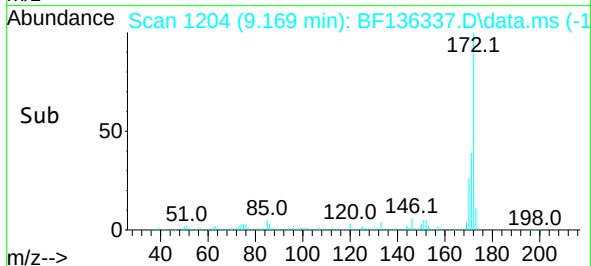
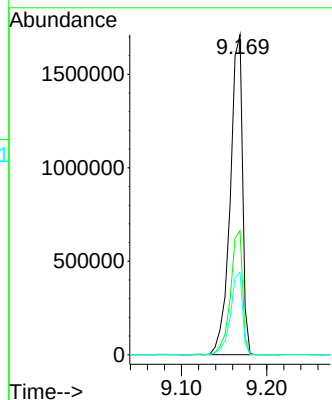
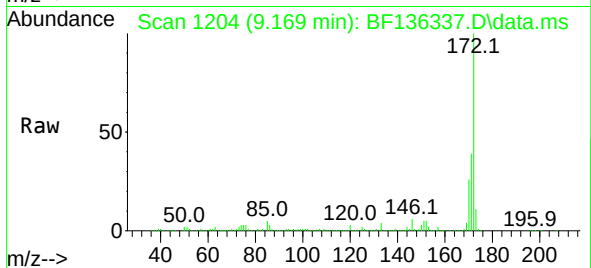
Tgt Ion:172 Resp: 1716553

Ion Ratio Lower Upper

172 100

171 38.8 31.5 47.3

170 25.7 20.8 31.2



#46

1,1'-Biphenyl

Concen: 43.638 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

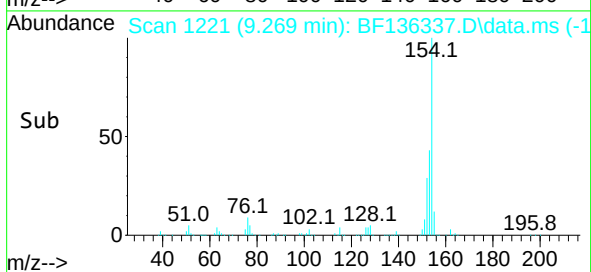
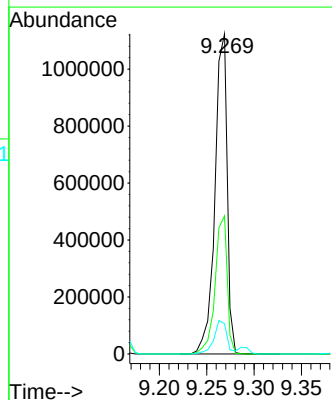
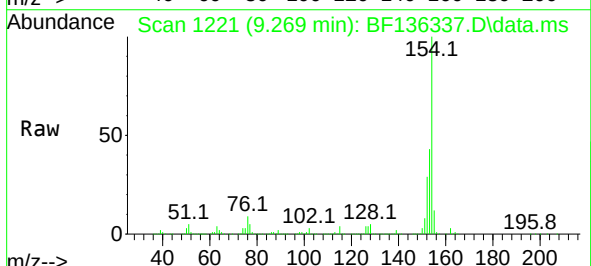
Tgt Ion:154 Resp: 1012570

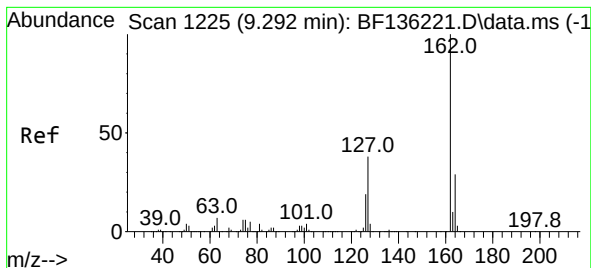
Ion Ratio Lower Upper

154 100

153 43.1 24.6 64.6

76 9.4 0.0 29.4





#47

2-Chloronaphthalene

Concen: 42.963 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

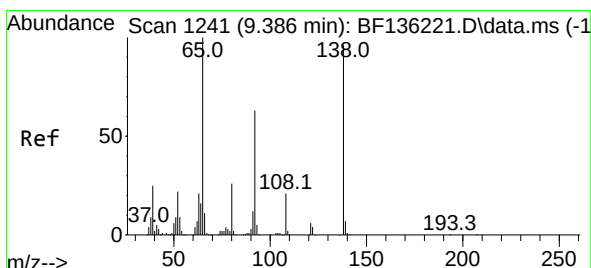
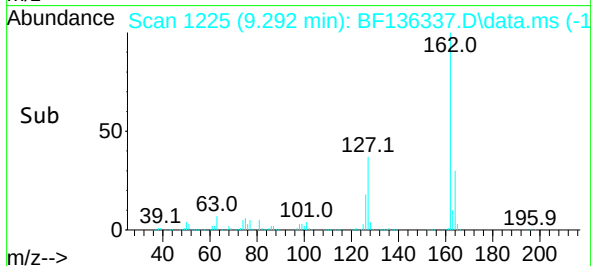
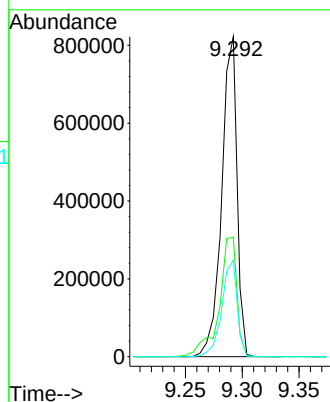
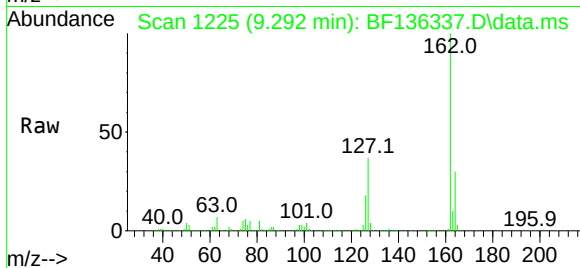
Tgt Ion:162 Resp: 774177

Ion Ratio Lower Upper

162 100

127 37.3 30.2 45.2

164 30.1 22.8 34.2



#48

2-Nitroaniline

Concen: 44.699 ng

RT: 9.386 min Scan# 1241

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

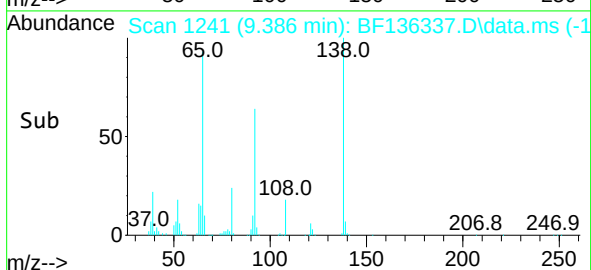
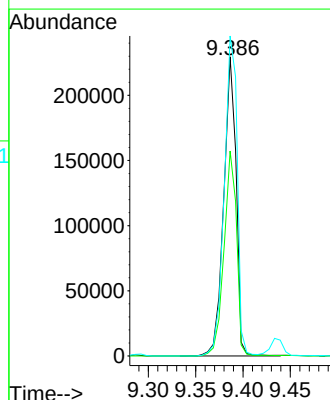
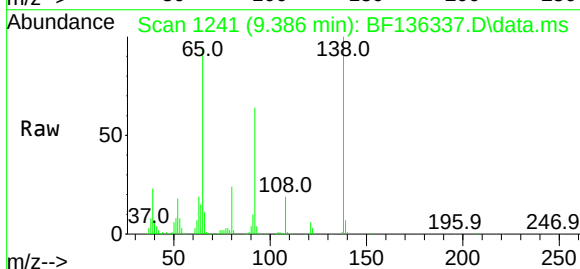
Tgt Ion: 65 Resp: 210293

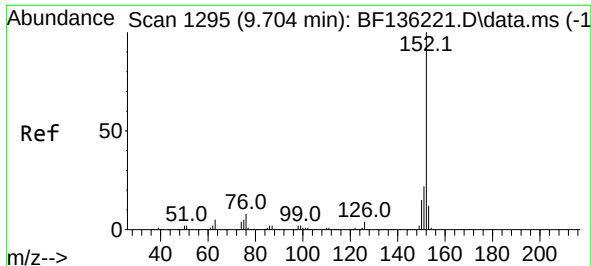
Ion Ratio Lower Upper

65 100

92 68.5 50.6 75.8

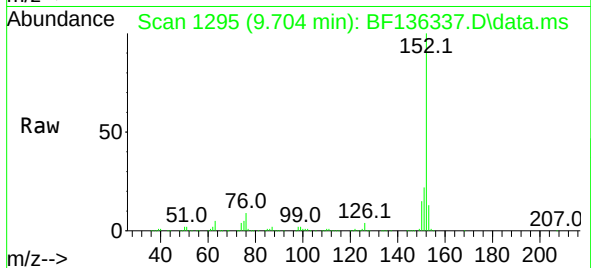
138 106.9 76.7 115.1



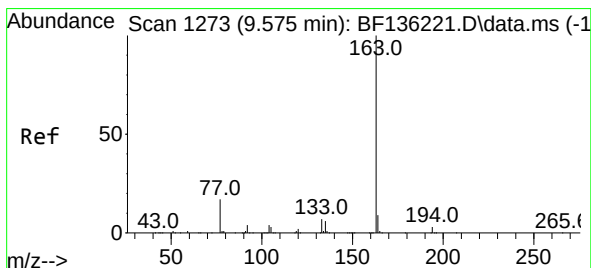
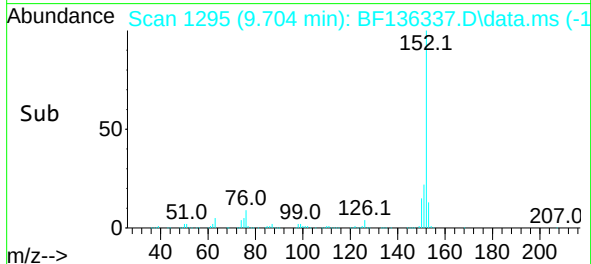
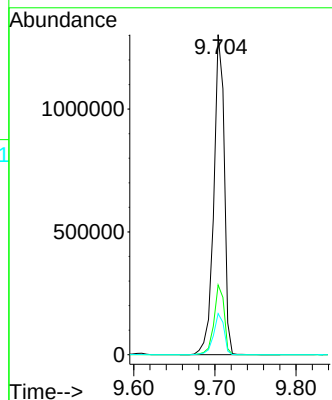


#49
Acenaphthylene
Concen: 45.178 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :
BNA_F
ClientSampleId :
PB157140BS

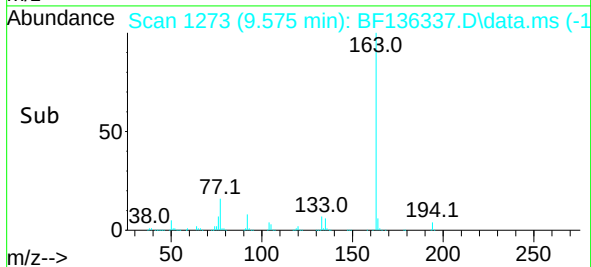
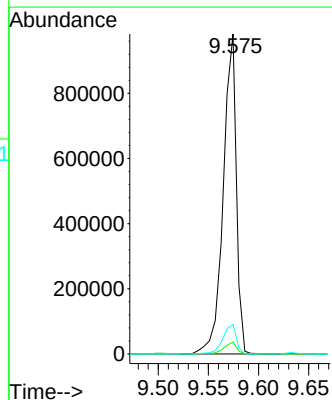
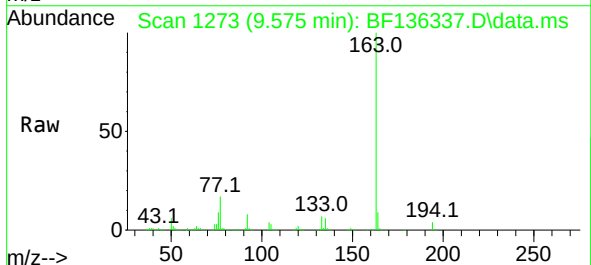


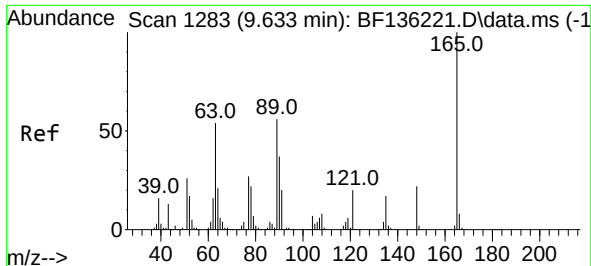
Tgt Ion:152 Resp: 1161762
Ion Ratio Lower Upper
152 100
151 21.8 17.5 26.3
153 12.8 9.6 14.4



#50
Dimethylphthalate
Concen: 44.737 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:163 Resp: 889721
Ion Ratio Lower Upper
163 100
194 3.7 2.5 3.7#
164 9.2 7.0 10.6

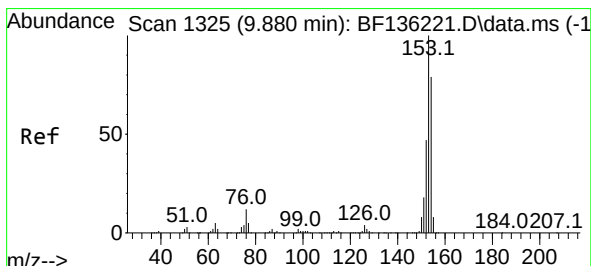
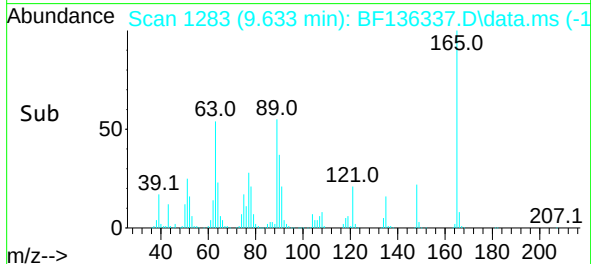
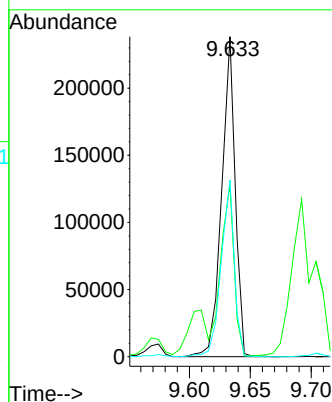
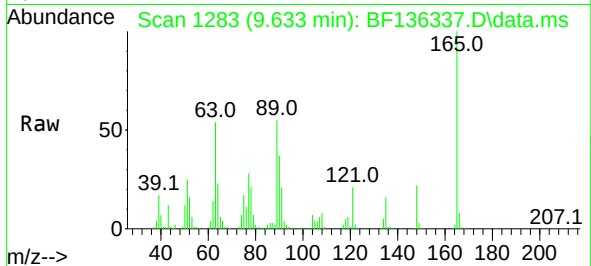




#51
2,6-Dinitrotoluene
Concen: 45.603 ng
RT: 9.633 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

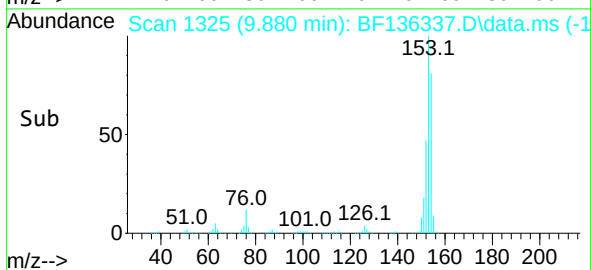
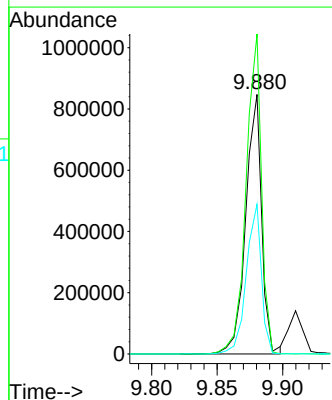
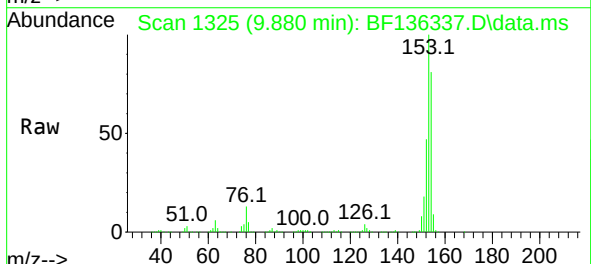
Instrument :
BNA_F
ClientSampleId :
PB157140BS

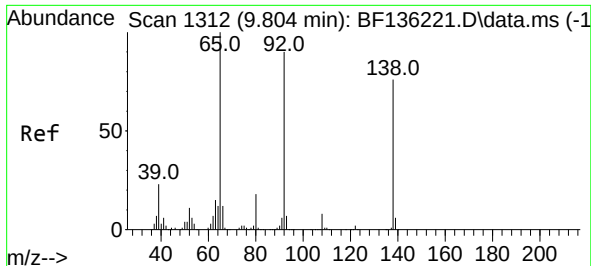
Tgt Ion:165 Resp: 185279
Ion Ratio Lower Upper
165 100
63 53.8 46.2 69.2
89 55.2 44.9 67.3



#52
Acenaphthene
Concen: 44.201 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:154 Resp: 718293
Ion Ratio Lower Upper
154 100
153 123.3 100.8 151.2
152 57.6 47.0 70.6

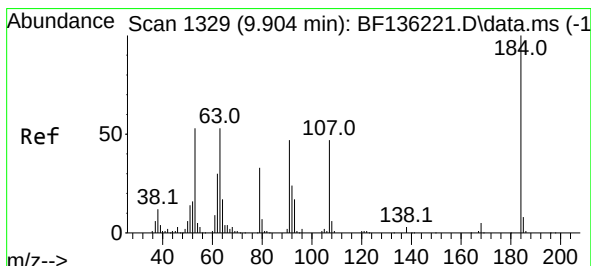
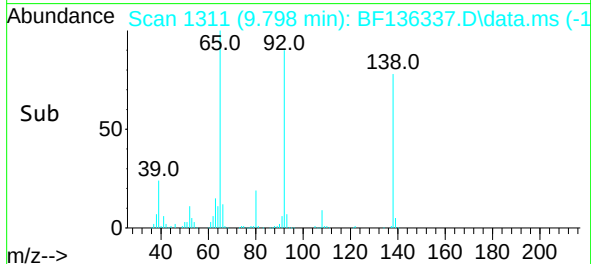
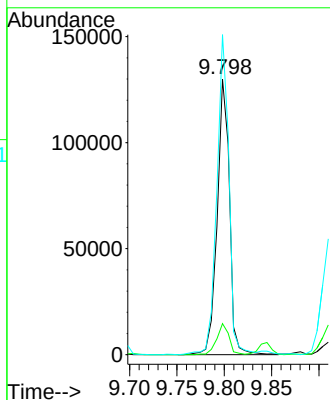
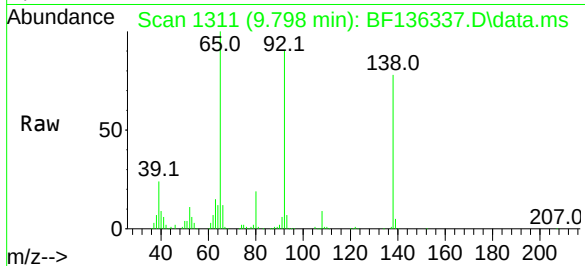




#53
3-Nitroaniline
Concen: 29.080 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

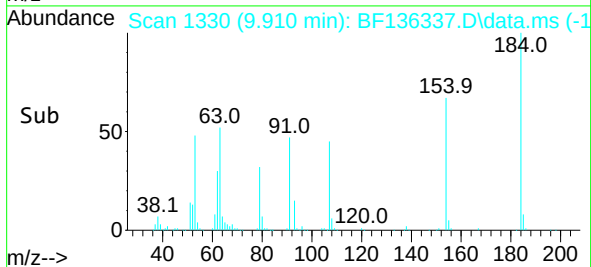
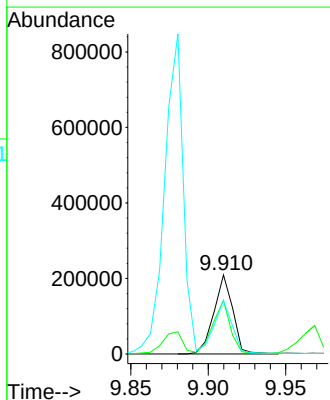
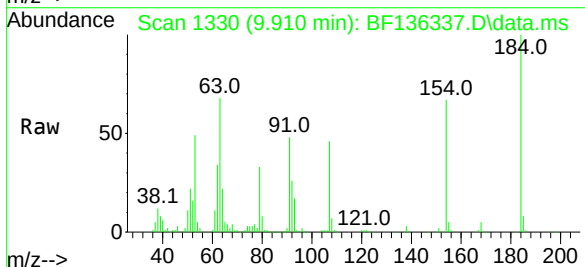
Instrument :
BNA_F
ClientSampleId :
PB157140BS

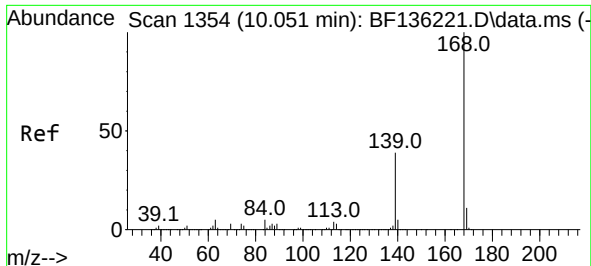
Tgt Ion:138 Resp: 117230
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 116.1 94.2 141.4



#54
2,4-Dinitrophenol
Concen: 94.231 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:184 Resp: 178058
Ion Ratio Lower Upper
184 100
63 67.9 55.0 82.4
154 67.4 54.9 82.3

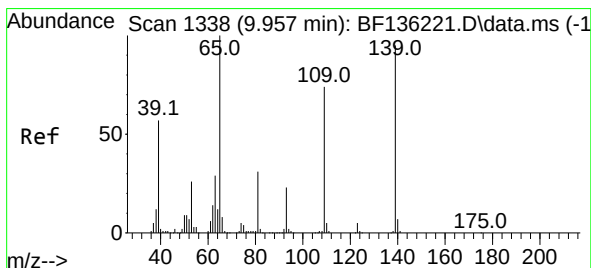
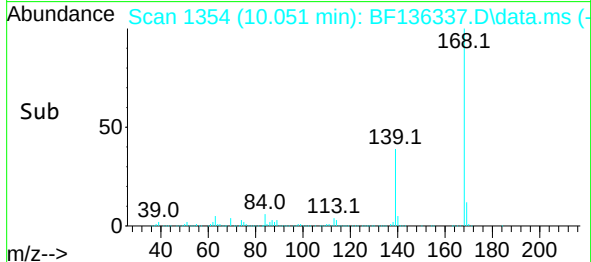
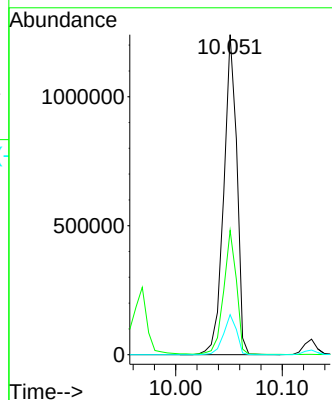
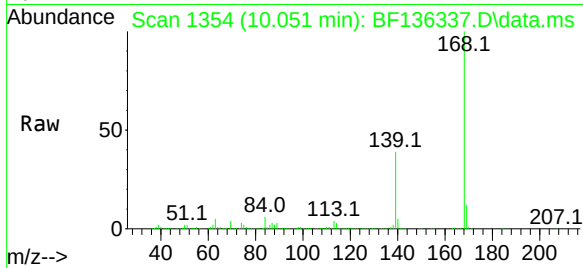




#55
Dibenzenofuran
Concen: 43.670 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

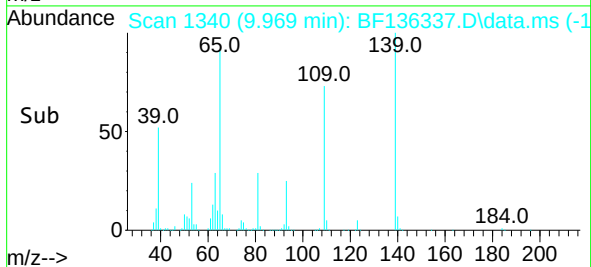
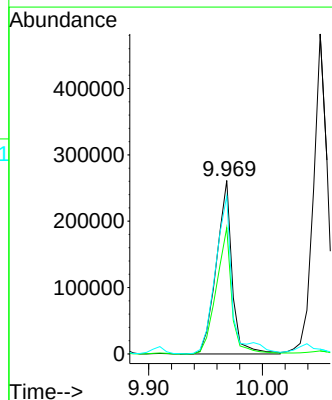
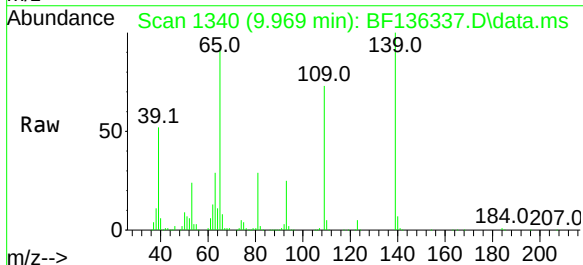
Instrument :
BNA_F
ClientSampleId :
PB157140BS

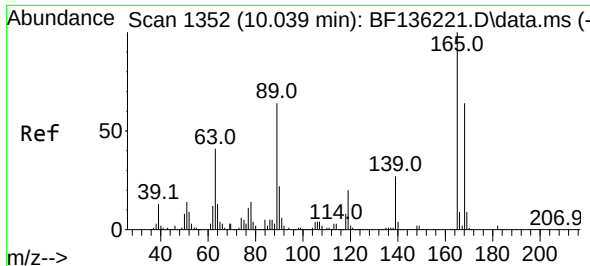
Tgt Ion:168 Resp: 1056011
Ion Ratio Lower Upper
168 100
139 38.9 30.9 46.3
169 12.5 9.1 13.7



#56
4-Nitrophenol
Concen: 82.513 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:139 Resp: 252640
Ion Ratio Lower Upper
139 100
109 72.8 57.8 97.8
65 91.1 86.0 126.0

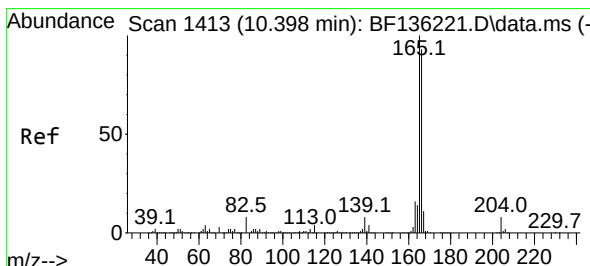
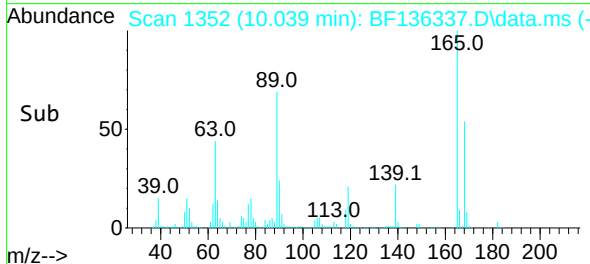
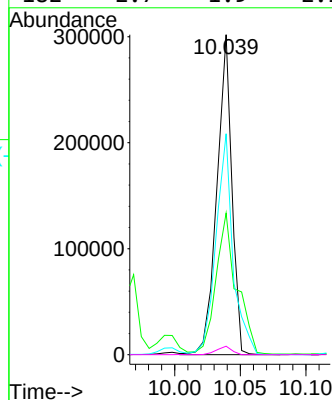
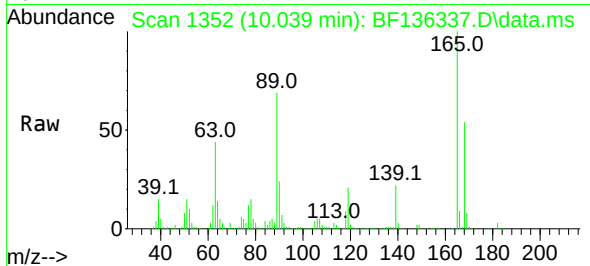




#57
2,4-Dinitrotoluene
Concen: 44.087 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

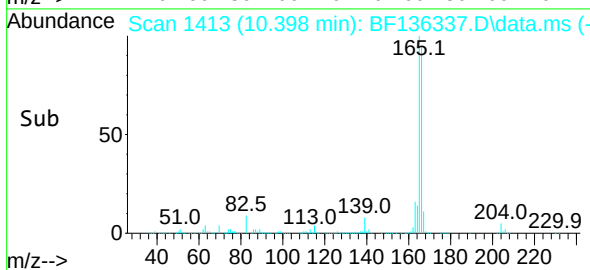
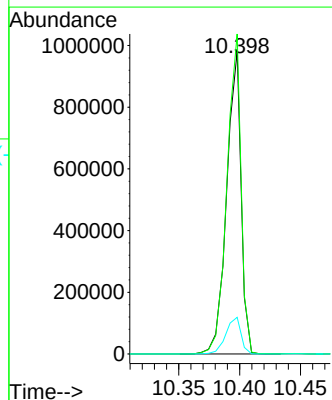
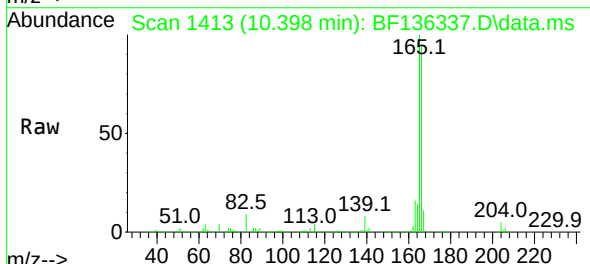
Instrument :
BNA_F
ClientSampleId :
PB157140BS

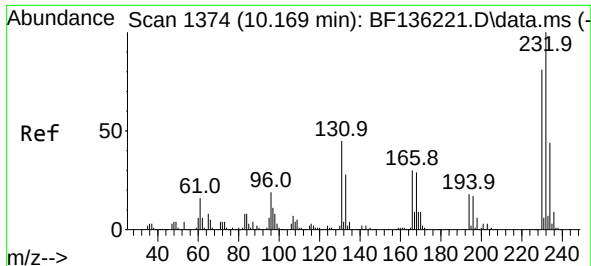
Tgt Ion:	165	Resp:	239267
Ion	Ratio	Lower	Upper
165	100		
63	44.2	33.0	49.4
89	69.1	51.5	77.3
182	2.7	1.9	2.9



#58
Fluorene
Concen: 42.646 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:	166	Resp:	808913
Ion	Ratio	Lower	Upper
166	100		
165	105.8	86.2	129.4
167	12.1	9.1	13.7

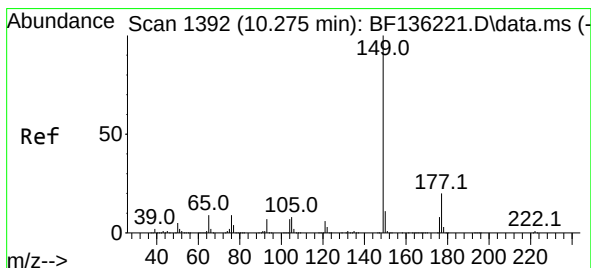
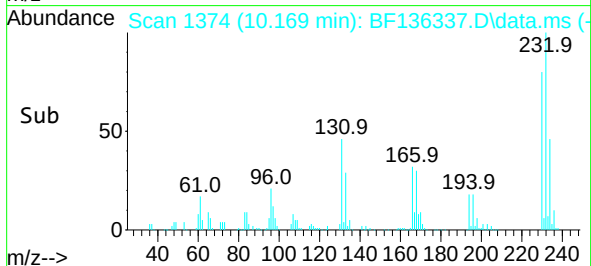
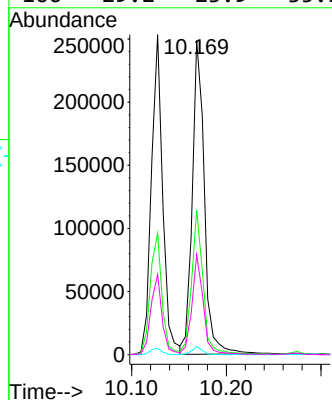
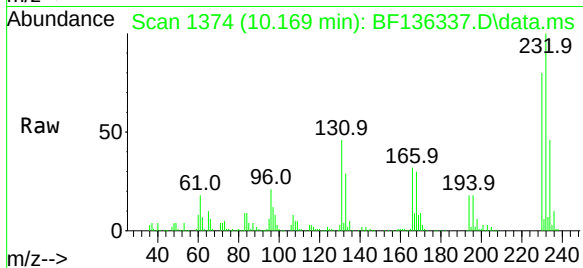




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.836 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

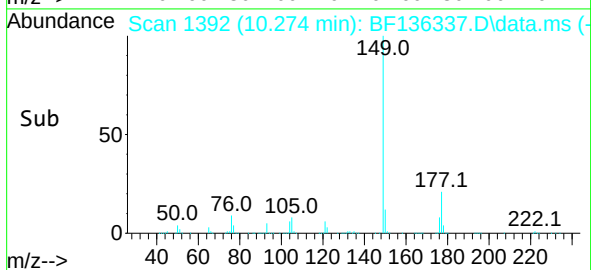
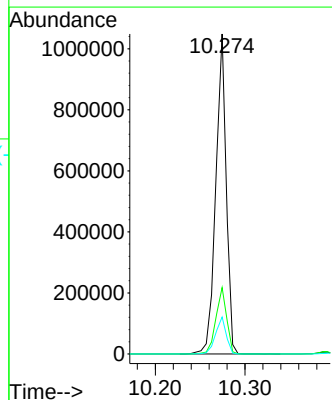
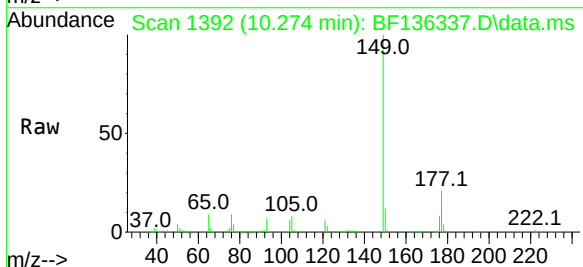
Instrument :
BNA_F
ClientSampleId :
PB157140BS

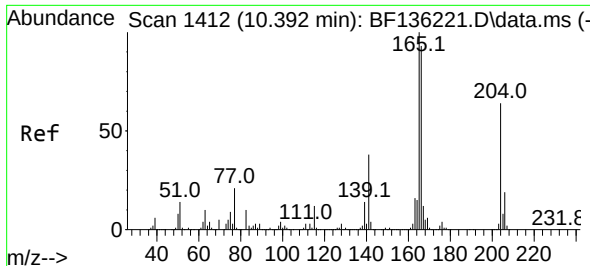
Tgt Ion:232 Resp: 221040
Ion Ratio Lower Upper
232 100
131 43.3 36.4 54.6
130 2.3 1.9 2.9
166 29.2 23.9 35.9



#60
Diethylphthalate
Concen: 42.662 ng
RT: 10.274 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:149 Resp: 848722
Ion Ratio Lower Upper
149 100
177 20.7 15.8 23.6
150 11.6 8.8 13.2

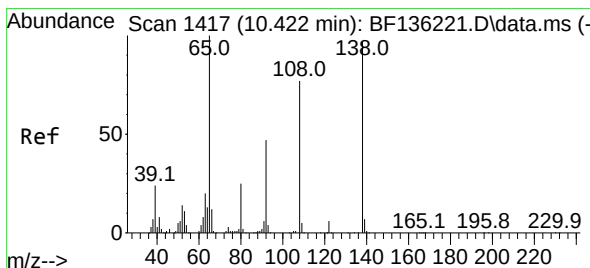
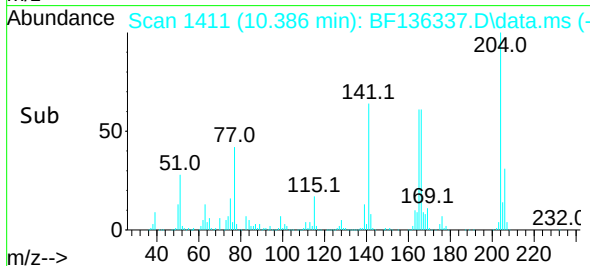
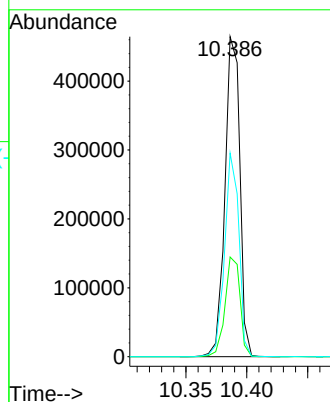
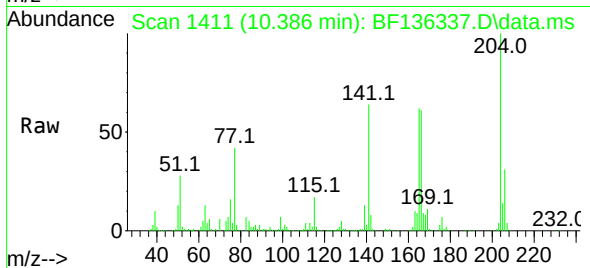




#61
4-Chlorophenyl-phenylether
Concen: 43.000 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

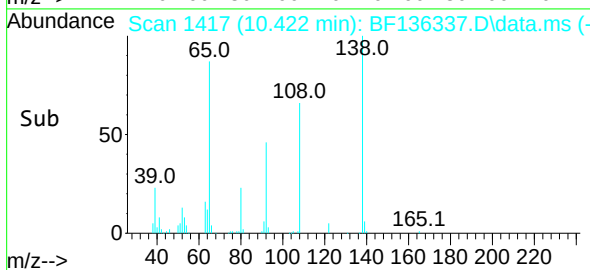
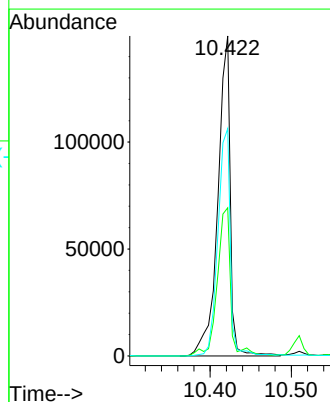
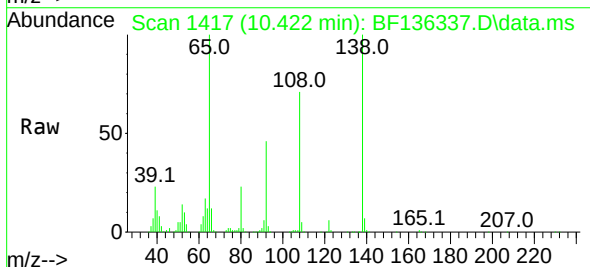
Instrument :
BNA_F
ClientSampleId :
PB157140BS

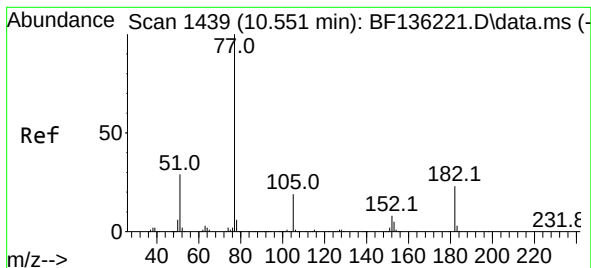
Tgt Ion:204 Resp: 396094
Ion Ratio Lower Upper
204 100
206 31.2 23.4 35.0
141 63.6 47.6 71.4



#62
4-Nitroaniline
Concen: 40.512 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:138 Resp: 159862
Ion Ratio Lower Upper
138 100
92 46.3 28.5 68.5
108 71.1 59.8 99.8





#63

Azobenzene

Concen: 41.943 ng

RT: 10.551 min Scan# 1439

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

Tgt Ion: 77 Resp: 773568

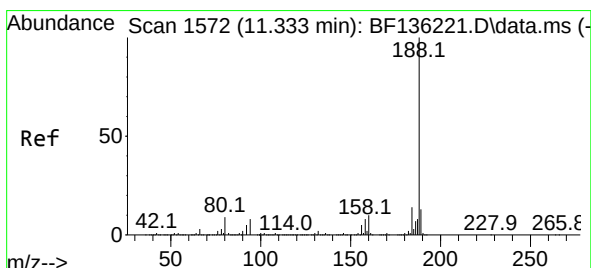
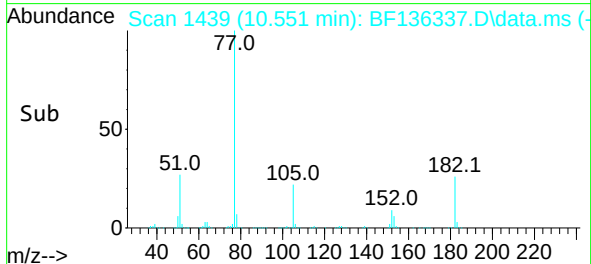
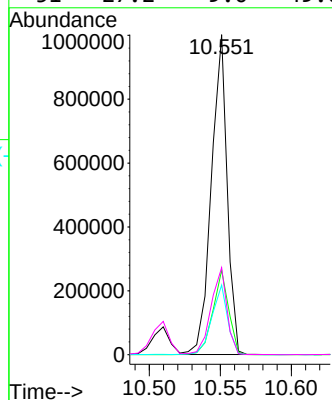
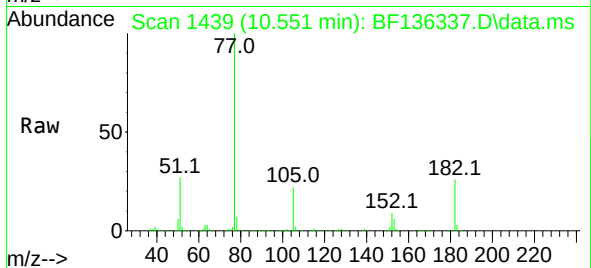
Ion Ratio Lower Upper

77 100

182 26.4 3.3 43.3

105 21.8 0.0 39.5

51 27.2 9.0 49.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

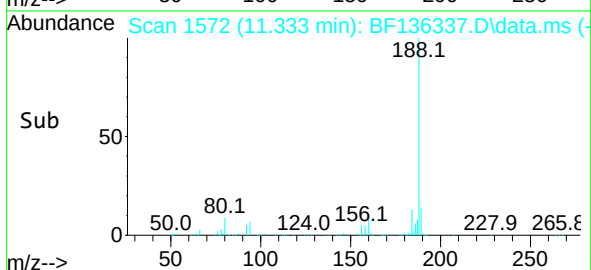
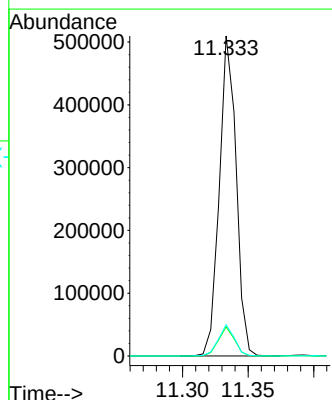
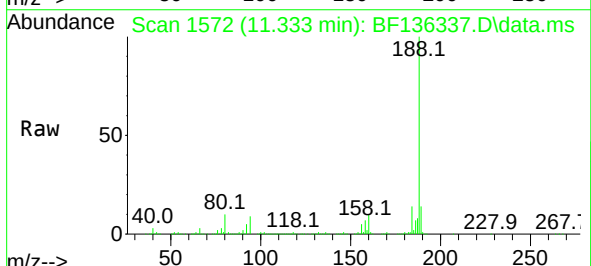
Tgt Ion: 188 Resp: 454025

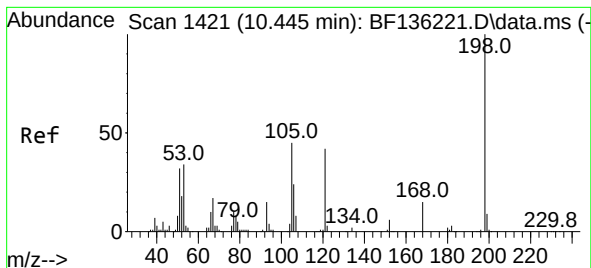
Ion Ratio Lower Upper

188 100

94 9.1 6.7 10.1

80 9.8 7.2 10.8

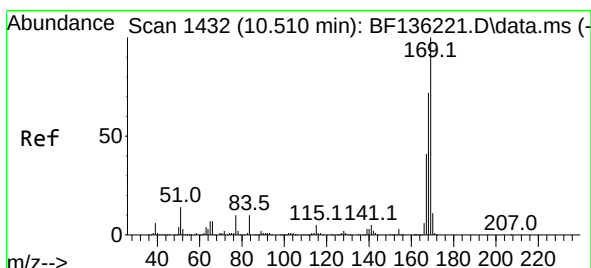
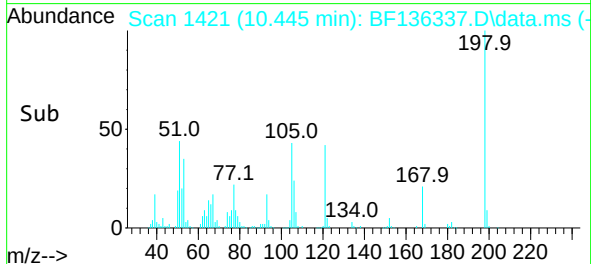
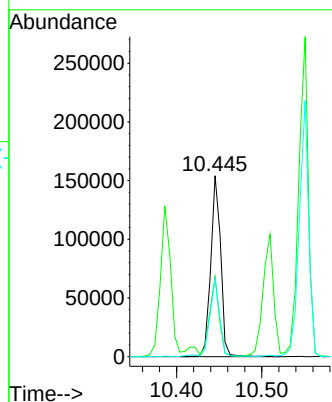
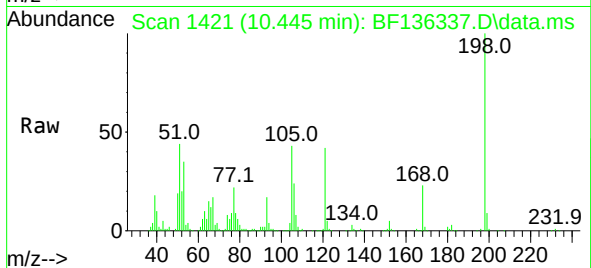




#65
4,6-Dinitro-2-methylphenol
Concen: 50.199 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

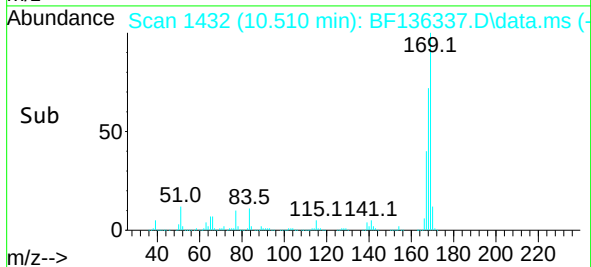
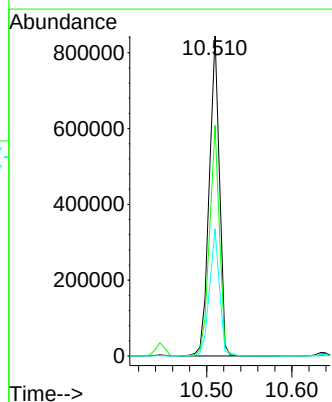
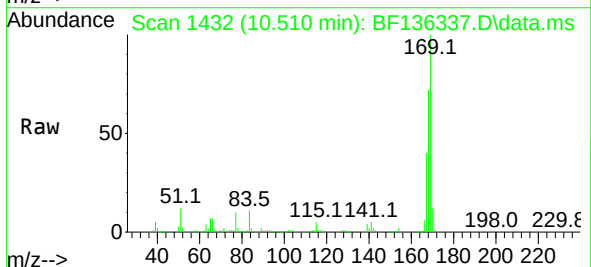
Instrument :
BNA_F
ClientSampleId :
PB157140BS

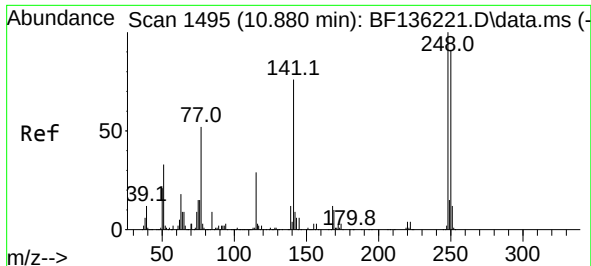
Tgt Ion:198 Resp: 124635
Ion Ratio Lower Upper
198 100
51 44.2 28.2 68.2
105 43.1 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 48.481 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:169 Resp: 705387
Ion Ratio Lower Upper
169 100
168 72.1 57.8 86.6
167 39.8 32.7 49.1

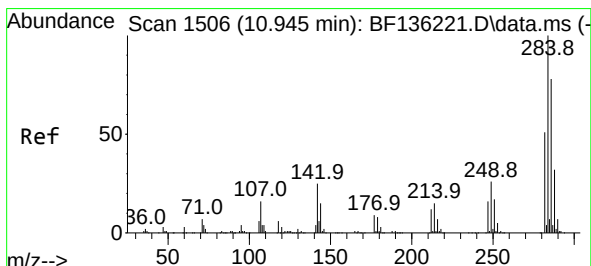
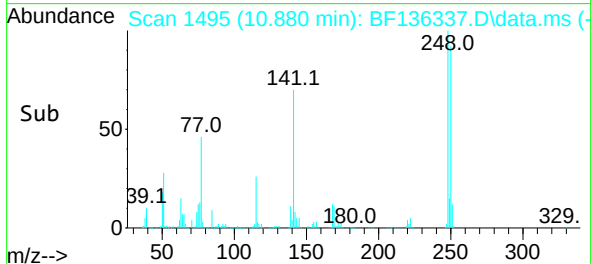
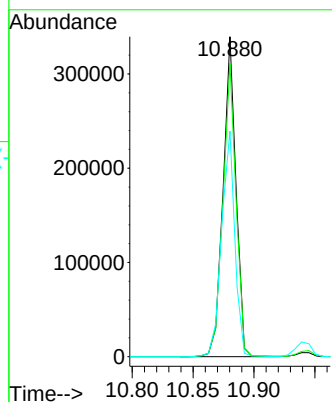
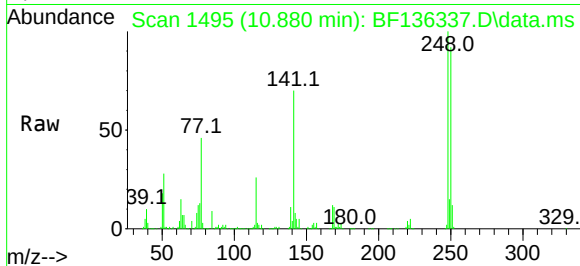




#67
4-Bromophenyl-phenylether
Concen: 47.348 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

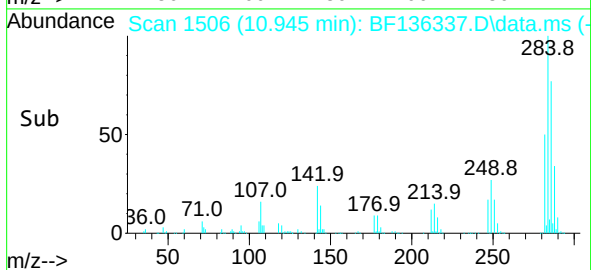
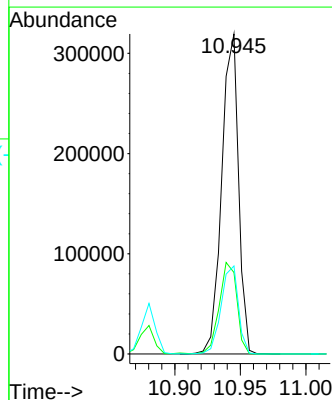
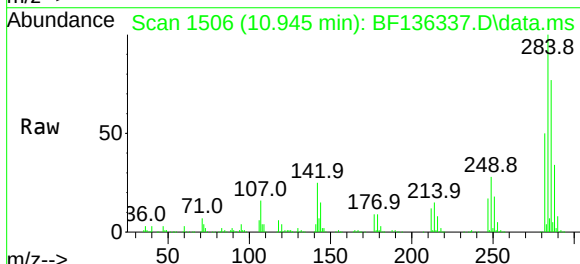
Instrument :
BNA_F
ClientSampleId :
PB157140BS

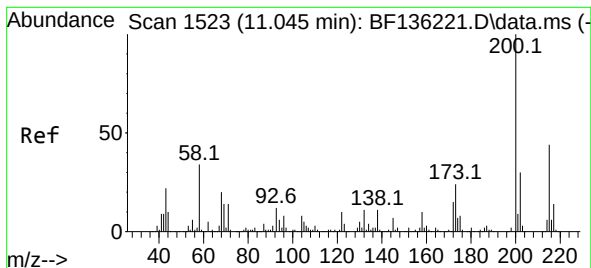
Tgt Ion:248 Resp: 250796
Ion Ratio Lower Upper
248 100
250 91.8 72.5 108.7
141 70.5 60.8 91.2



#68
Hexachlorobenzene
Concen: 46.329 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:284 Resp: 284020
Ion Ratio Lower Upper
284 100
142 25.5 19.8 29.8
249 27.5 21.0 31.4





#69

Atrazine

Concen: 52.299 ng

RT: 11.045 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

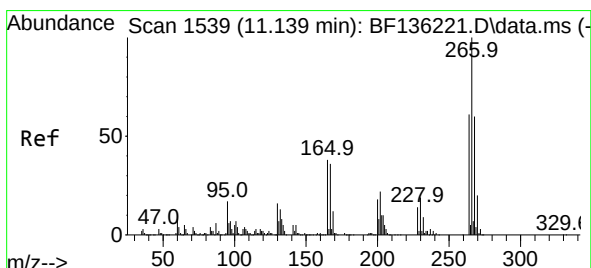
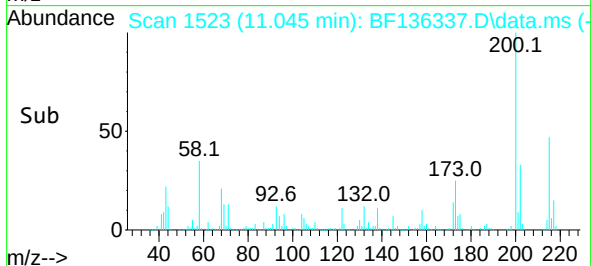
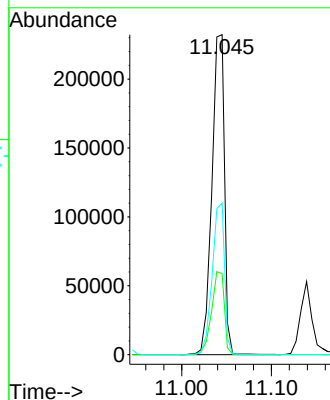
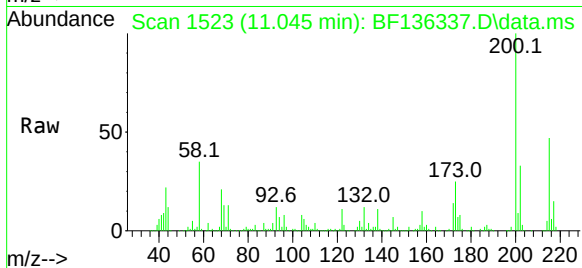
Tgt Ion:200 Resp: 225732

Ion Ratio Lower Upper

200 100

173 25.3 4.3 44.3

215 47.4 23.8 63.8



#70

Pentachlorophenol

Concen: 78.392 ng

RT: 11.139 min Scan# 1539

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

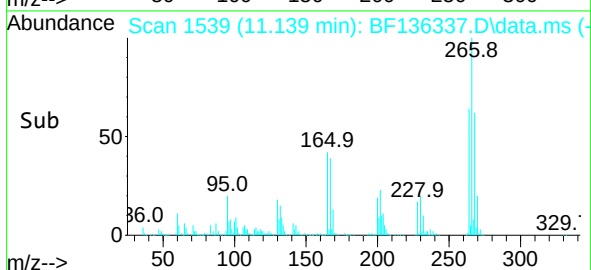
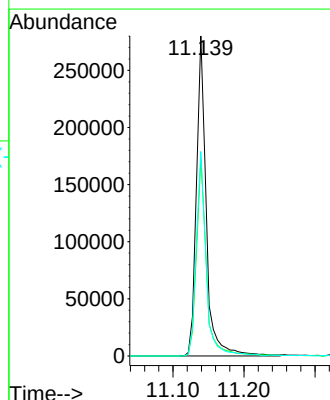
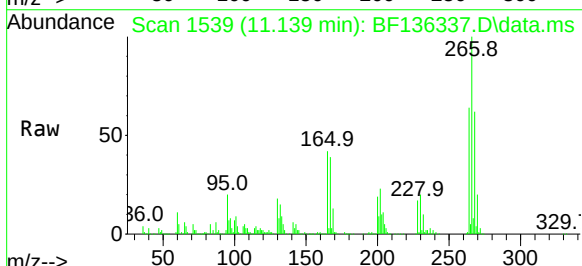
Tgt Ion:266 Resp: 271652

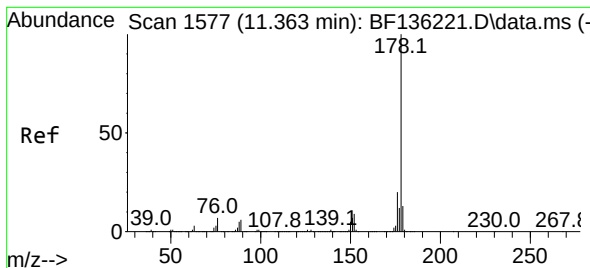
Ion Ratio Lower Upper

266 100

268 61.7 47.9 71.9

264 63.9 49.1 73.7





#71

Phenanthrene

Concen: 45.838 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

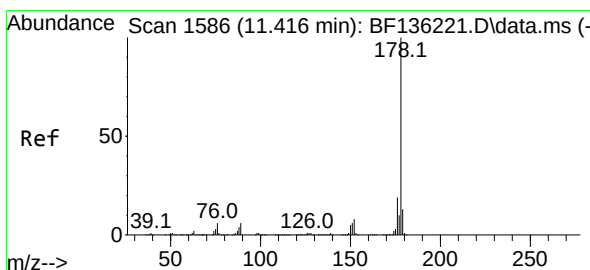
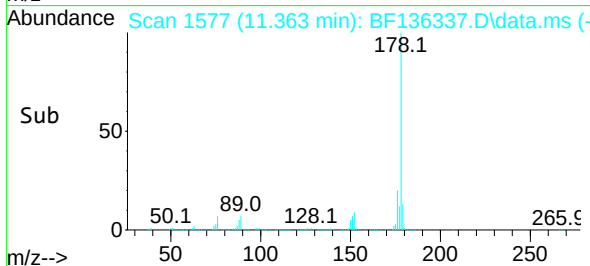
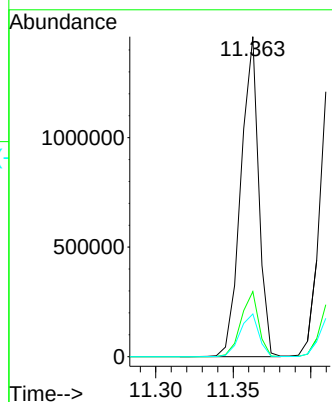
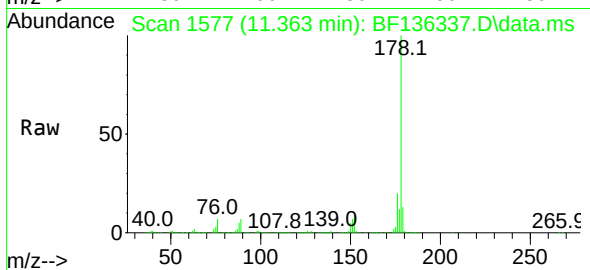
Tgt Ion:178 Resp: 1169709

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.2

179 13.3 10.3 15.5



#72

Anthracene

Concen: 46.838 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

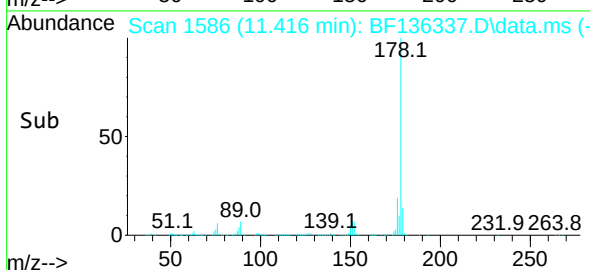
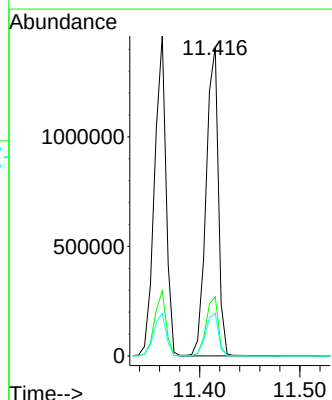
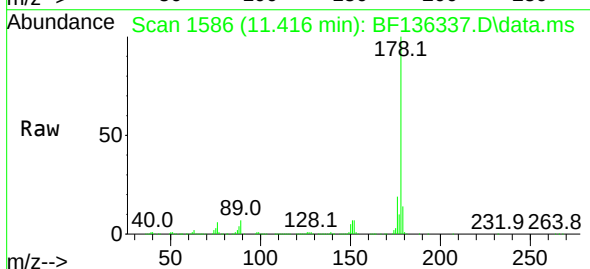
Tgt Ion:178 Resp: 1198588

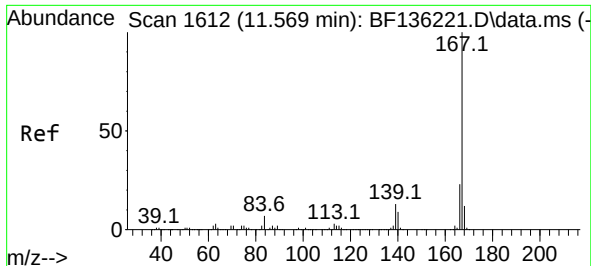
Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 13.8 10.5 15.7

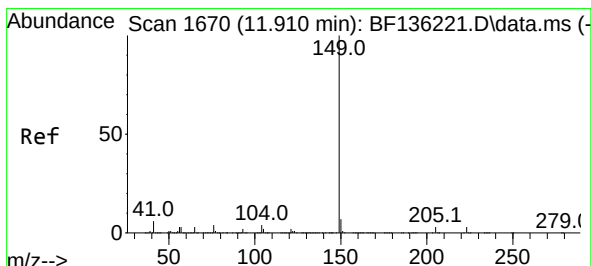
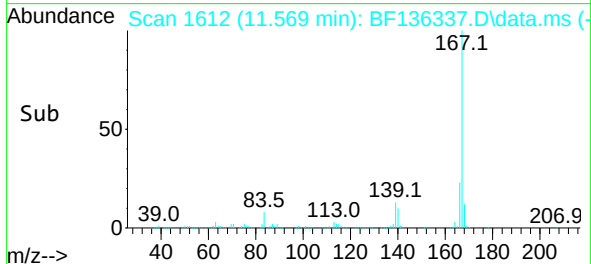
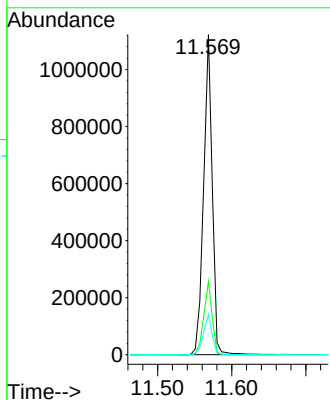
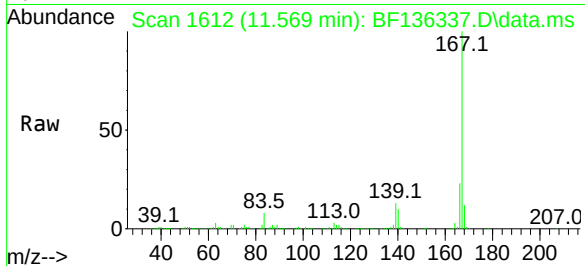




#73
 Carbazole
 Concen: 42.064 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF136337.D
 Acq: 01 Dec 2023 14:48

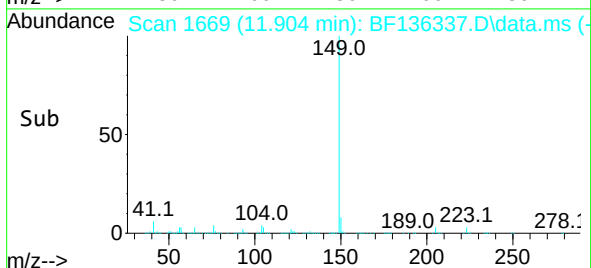
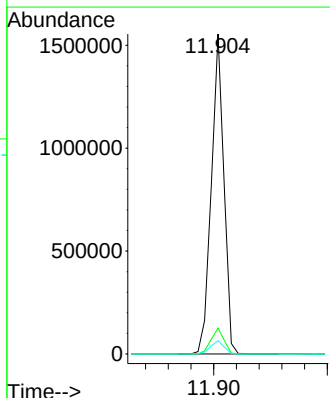
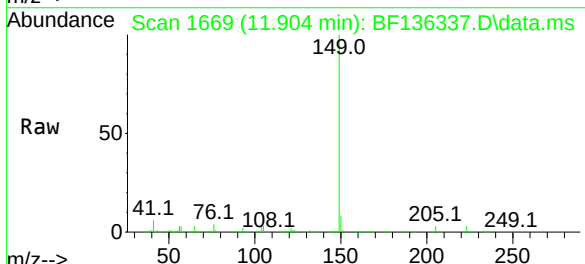
Instrument :
 BNA_F
 ClientSampleId :
 PB157140BS

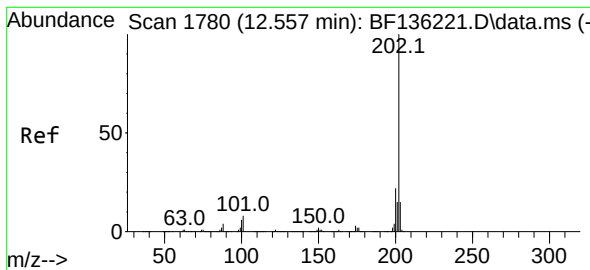
Tgt Ion:167 Resp: 915519
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.4 27.6
 139 12.6 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 43.631 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136337.D
 Acq: 01 Dec 2023 14:48

Tgt Ion:149 Resp: 1188178
 Ion Ratio Lower Upper
 149 100
 150 8.1 6.0 9.0
 104 4.2 3.5 5.3





#75

Fluoranthene

Concen: 38.973 ng

RT: 12.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

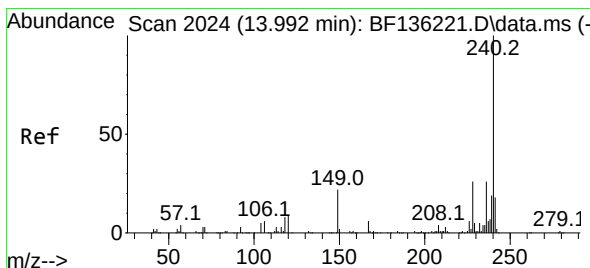
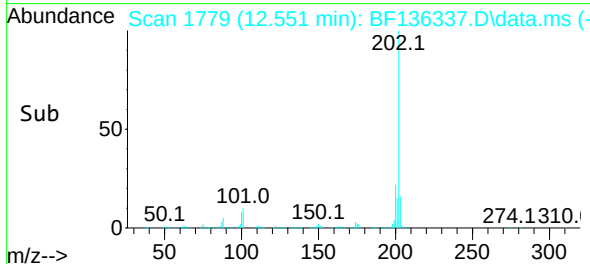
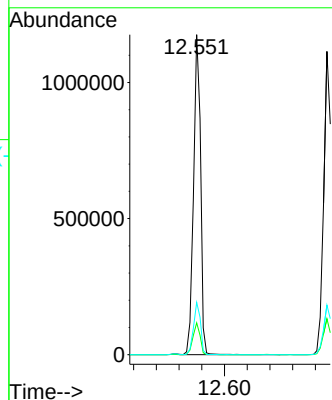
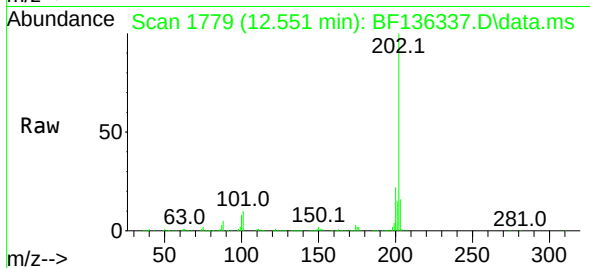
Tgt Ion:202 Resp: 1009622

Ion Ratio Lower Upper

202 100

101 9.9 0.0 27.8

203 16.3 0.0 34.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

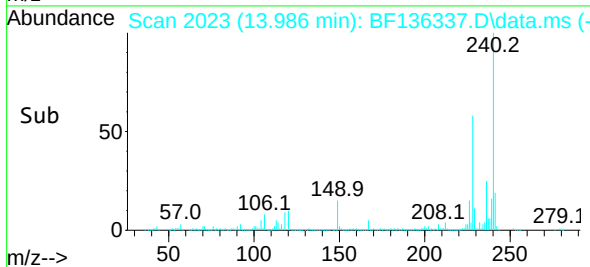
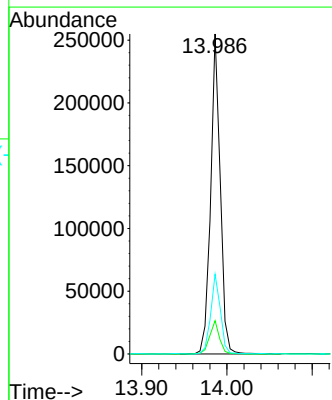
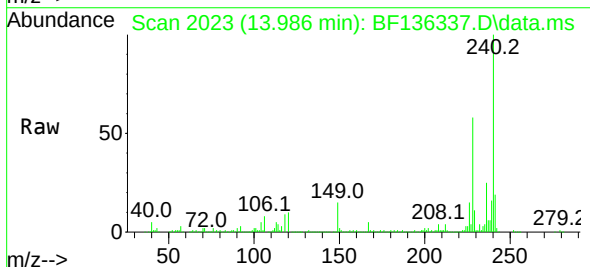
Tgt Ion:240 Resp: 199501

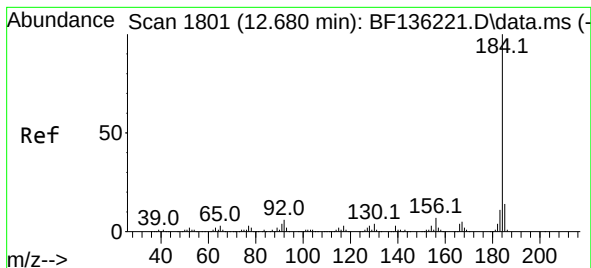
Ion Ratio Lower Upper

240 100

120 10.4 7.4 11.2

236 24.9 21.1 31.7





#77

Benzidine

Concen: 50.007 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

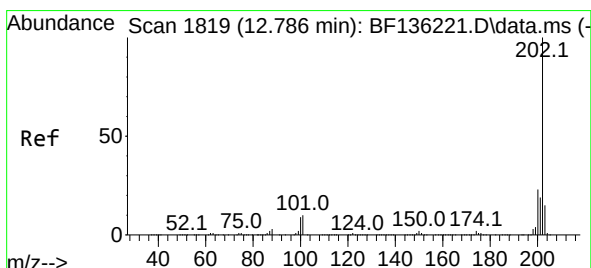
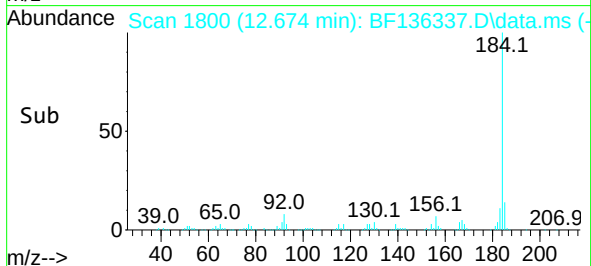
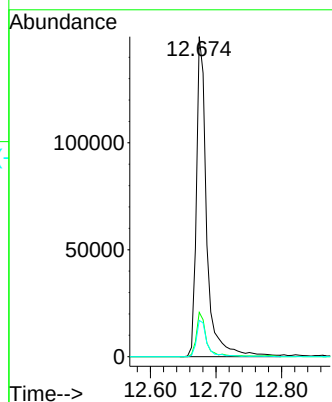
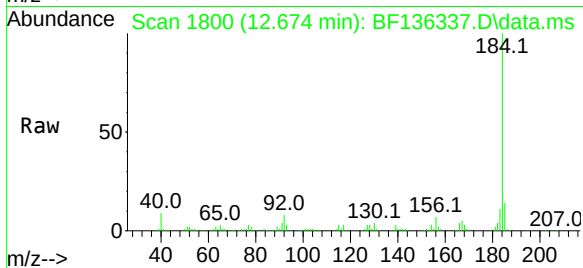
Tgt Ion:184 Resp: 163995

Ion Ratio Lower Upper

184 100

185 13.9 11.0 16.6

183 11.3 9.0 13.4



#78

Pyrene

Concen: 45.176 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

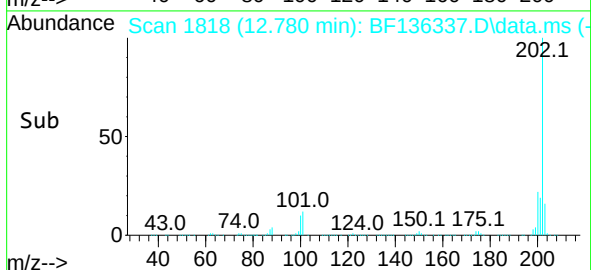
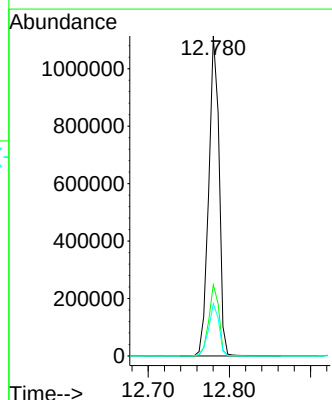
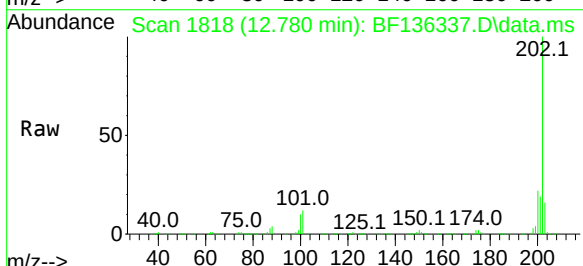
Tgt Ion:202 Resp: 987040

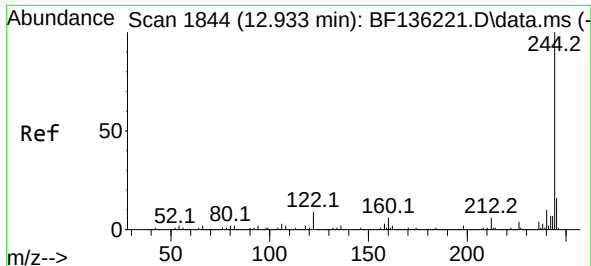
Ion Ratio Lower Upper

202 100

200 22.2 18.4 27.6

203 16.3 11.8 17.6

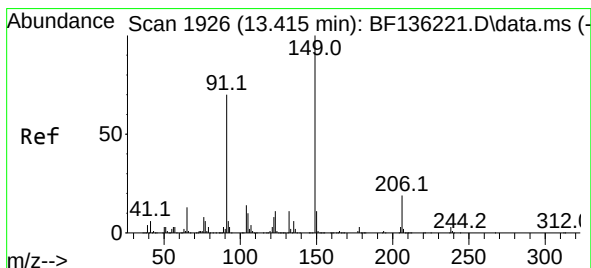
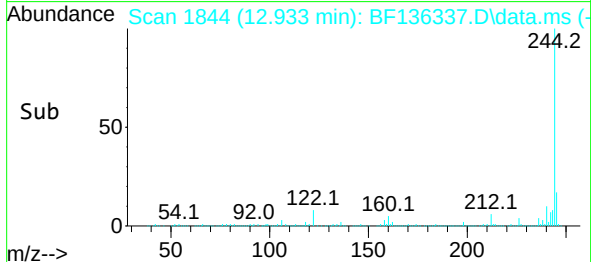
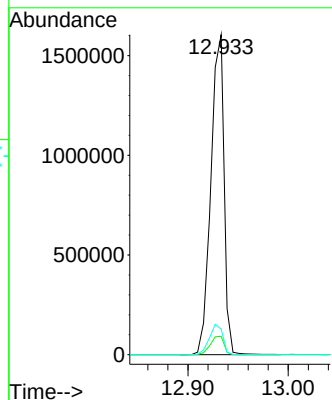
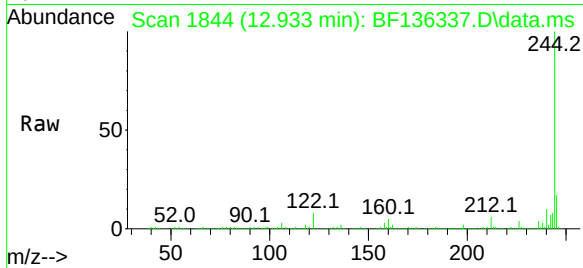




#79
 Terphenyl-d14
 Concen: 85.150 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF136337.D
 Acq: 01 Dec 2023 14:48

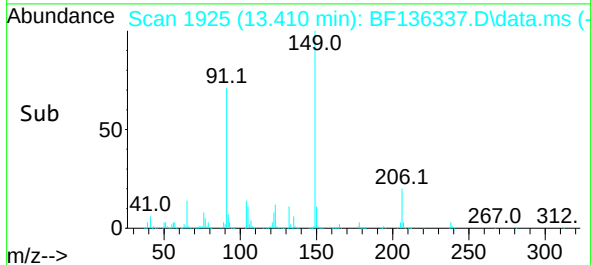
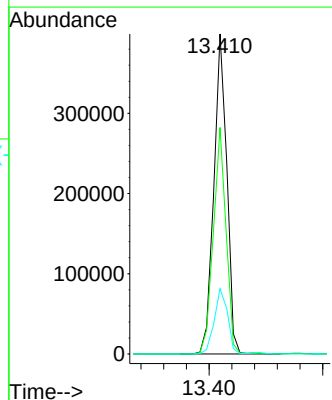
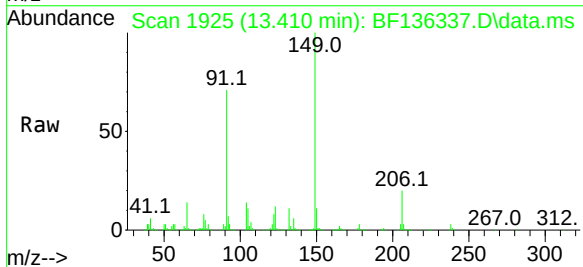
Instrument :
 BNA_F
 ClientSampleId :
 PB157140BS

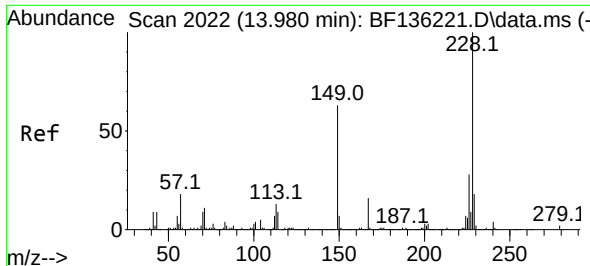
Tgt Ion:244 Resp: 1472714
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 8.0 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 46.452 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136337.D
 Acq: 01 Dec 2023 14:48

Tgt Ion:149 Resp: 315866
 Ion Ratio Lower Upper
 149 100
 91 70.8 56.4 84.6
 206 20.4 14.8 22.2

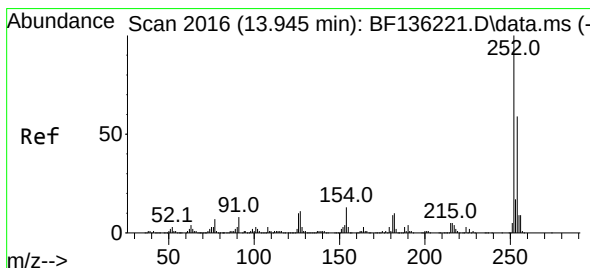
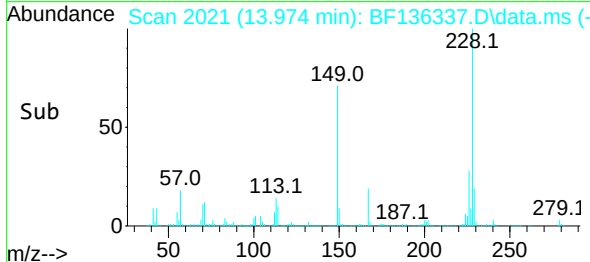
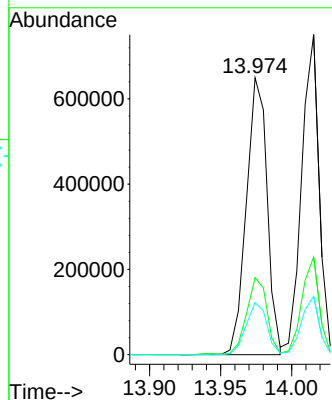
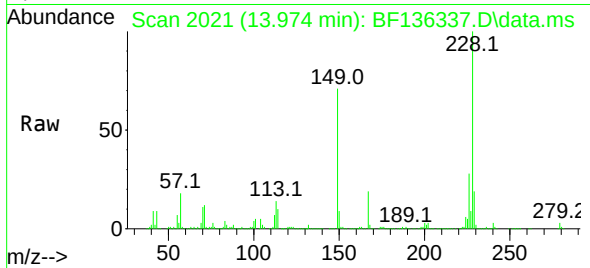




#81
Benzo(a)anthracene
Concen: 44.683 ng
RT: 13.974 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

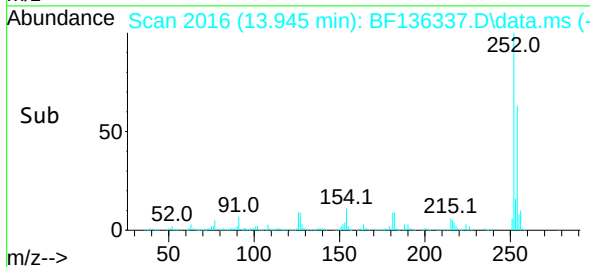
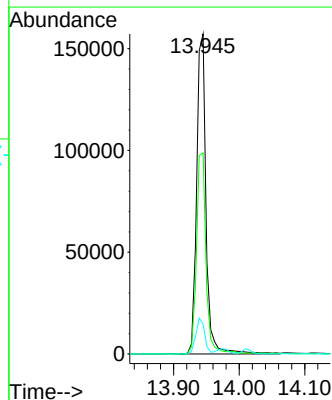
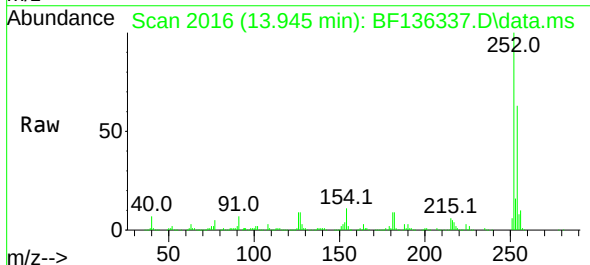
Instrument :
BNA_F
ClientSampleId :
PB157140BS

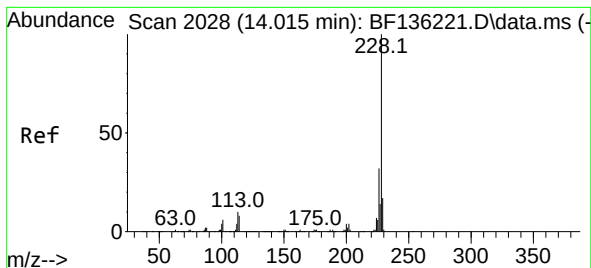
Tgt Ion:228 Resp: 662129
Ion Ratio Lower Upper
228 100
226 27.9 22.6 34.0
229 18.8 14.0 21.0



#82
3,3'-Dichlorobenzidine
Concen: 44.086 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:252 Resp: 157254
Ion Ratio Lower Upper
252 100
254 62.8 47.4 71.2
126 9.3 8.3 12.5





#83

Chrysene

Concen: 45.125 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

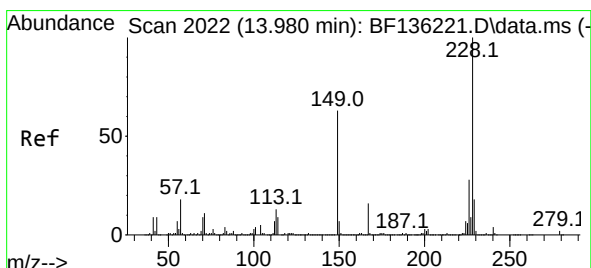
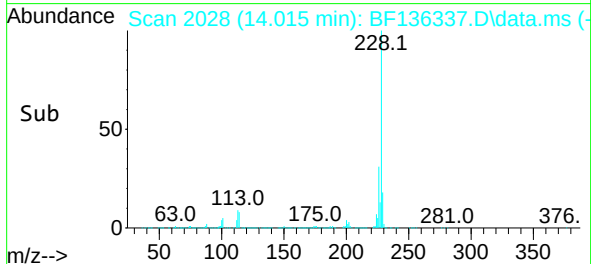
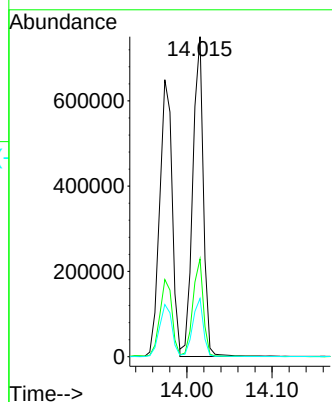
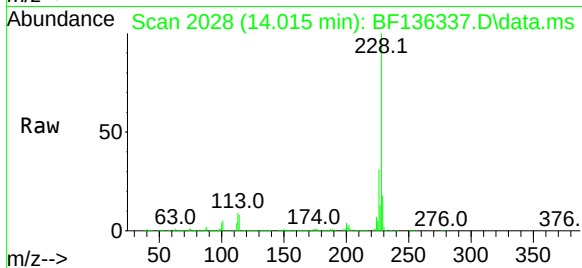
Tgt Ion:228 Resp: 645636

Ion Ratio Lower Upper

228 100

226 30.5 25.5 38.3

229 18.2 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.228 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

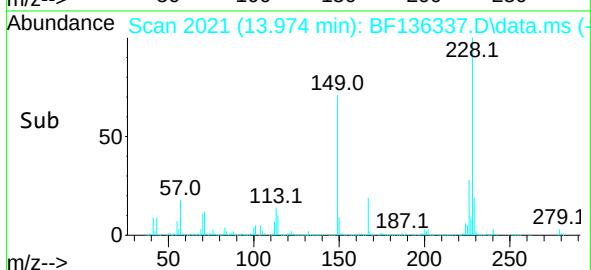
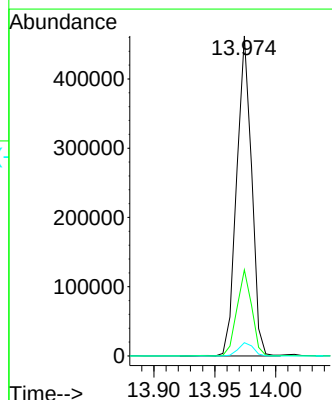
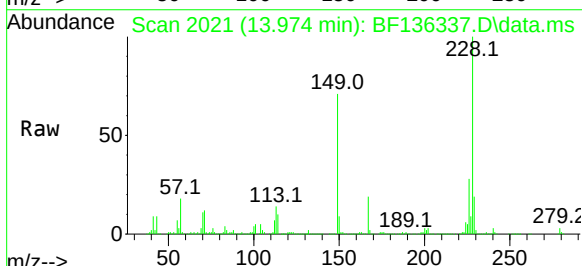
Tgt Ion:149 Resp: 393574

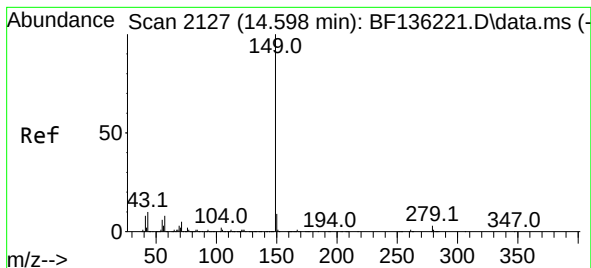
Ion Ratio Lower Upper

149 100

167 26.9 20.2 30.2

279 4.2 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 54.466 ng

RT: 14.592 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

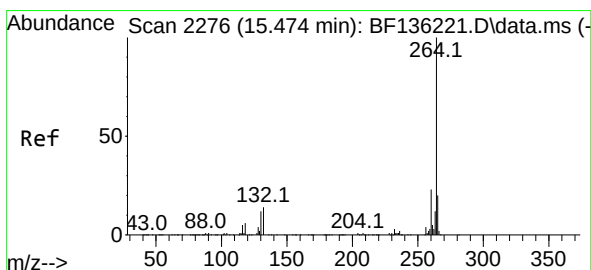
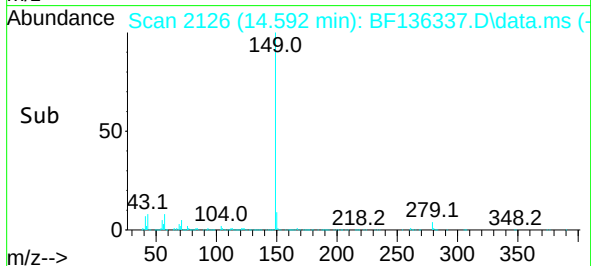
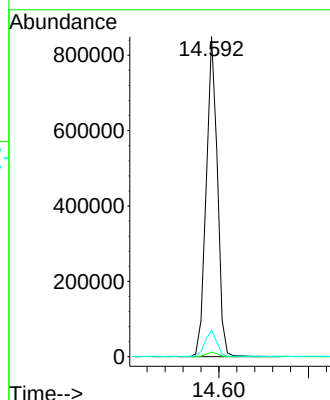
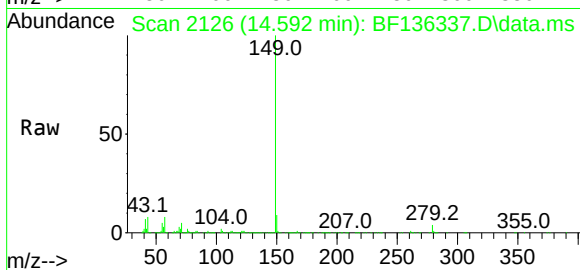
Tgt Ion:149 Resp: 732219

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 8.5 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

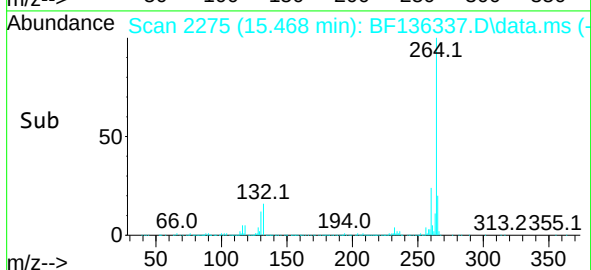
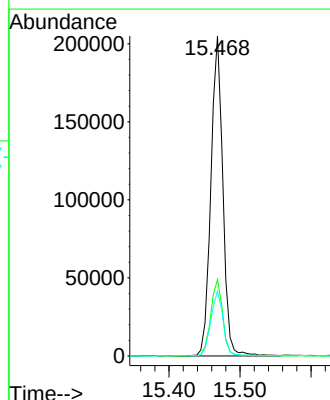
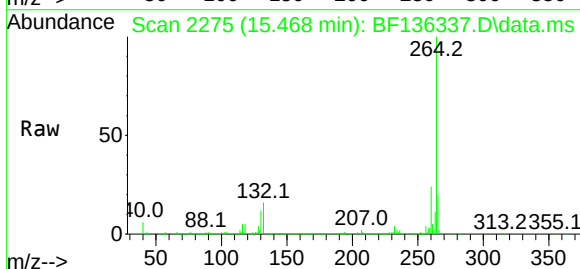
Tgt Ion:264 Resp: 240705

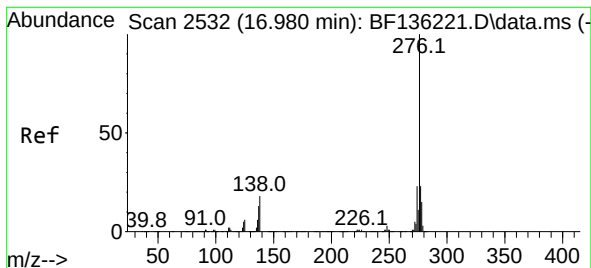
Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 20.3 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.651 ng

RT: 16.980 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

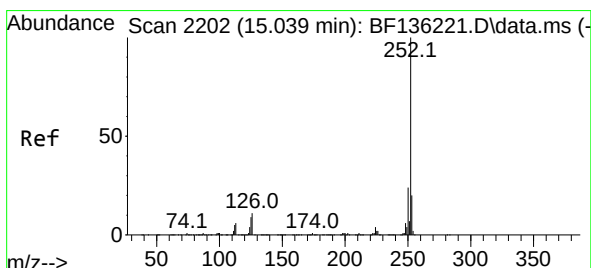
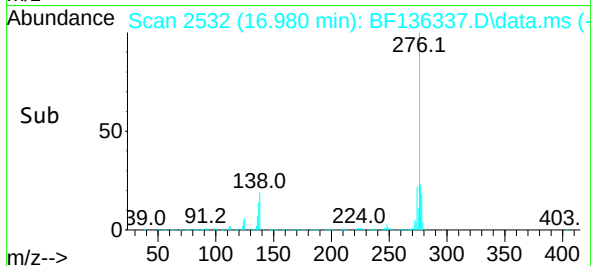
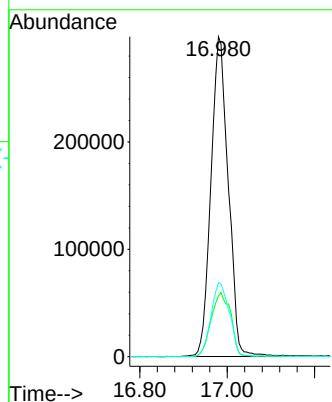
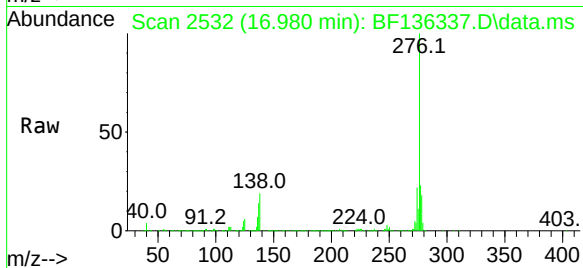
Tgt Ion:276 Resp: 818873

Ion Ratio Lower Upper

276 100

138 22.8 17.7 26.5

277 24.7 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 42.858 ng

RT: 15.033 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

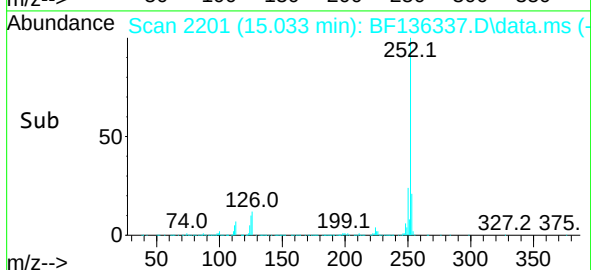
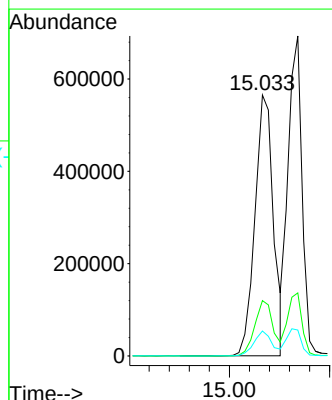
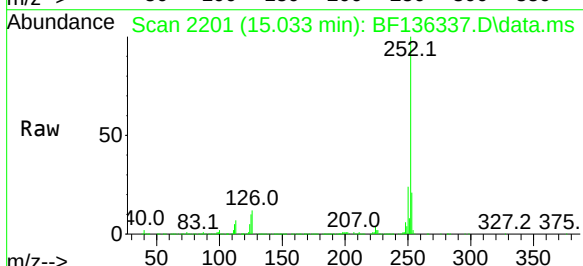
Tgt Ion:252 Resp: 723772

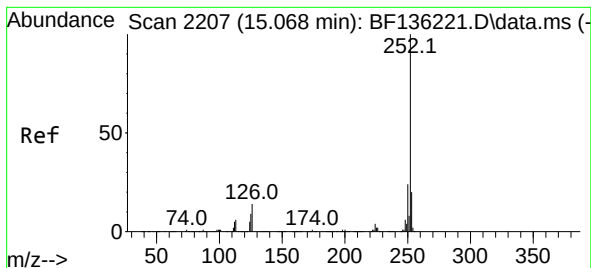
Ion Ratio Lower Upper

252 100

253 21.2 16.2 24.2

125 9.6 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 42.283 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

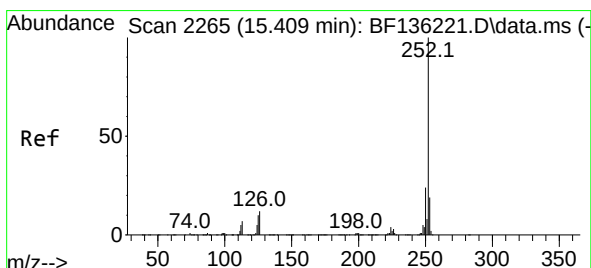
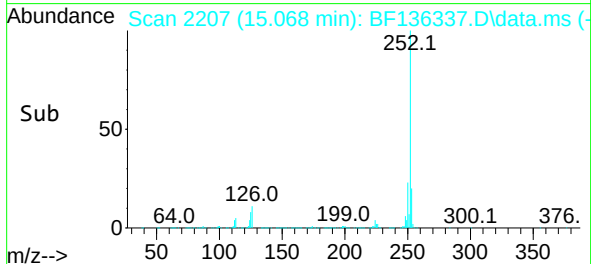
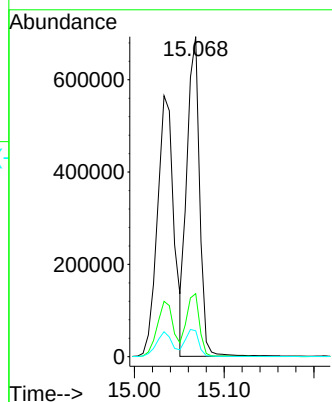
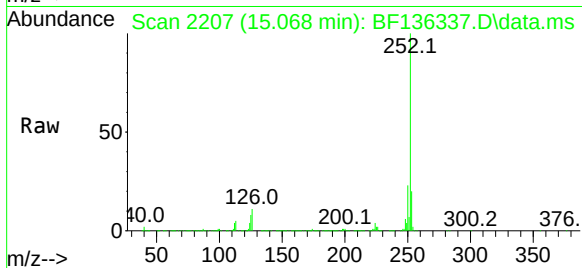
Tgt Ion:252 Resp: 678183

Ion Ratio Lower Upper

252 100

253 19.7 15.6 23.4

125 8.1 7.0 10.4



#90

Benzo(a)pyrene

Concen: 45.718 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

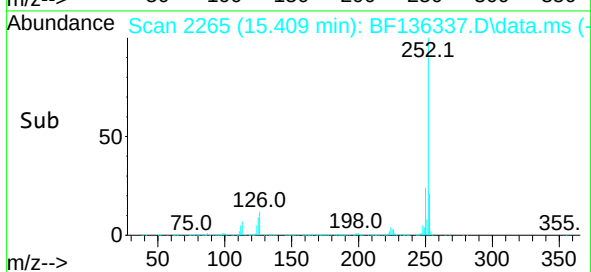
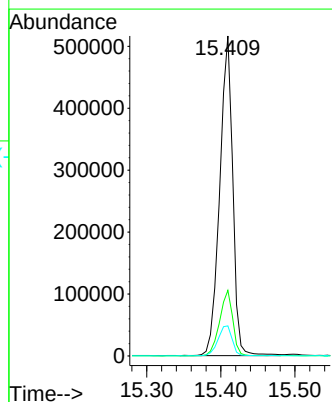
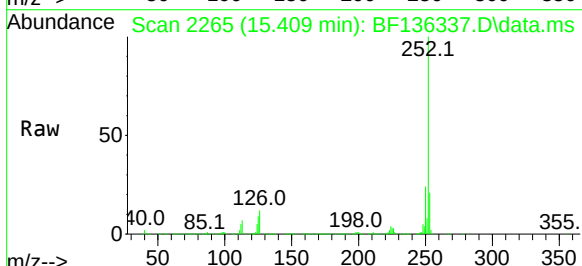
Tgt Ion:252 Resp: 631140

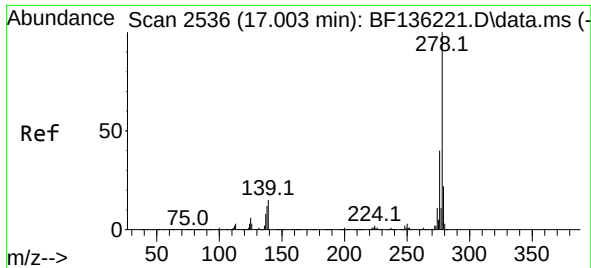
Ion Ratio Lower Upper

252 100

253 20.5 15.5 23.3

125 9.4 7.9 11.9

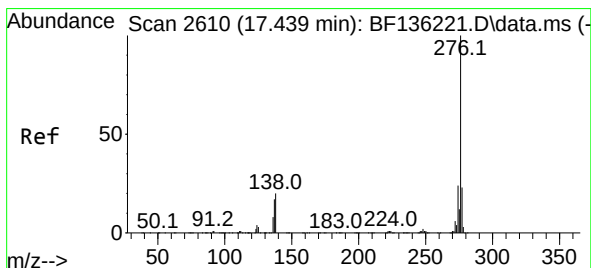
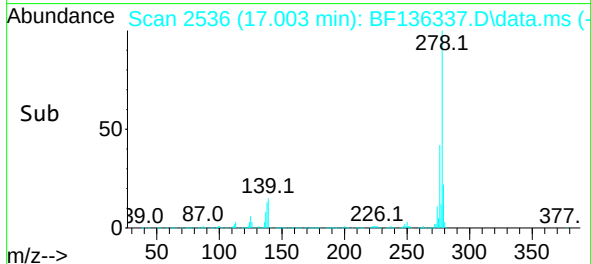
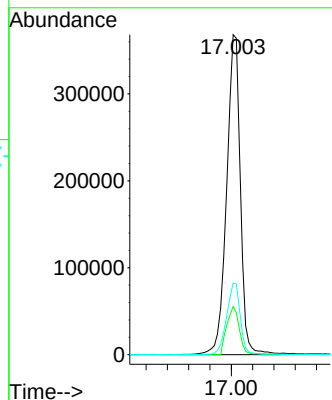
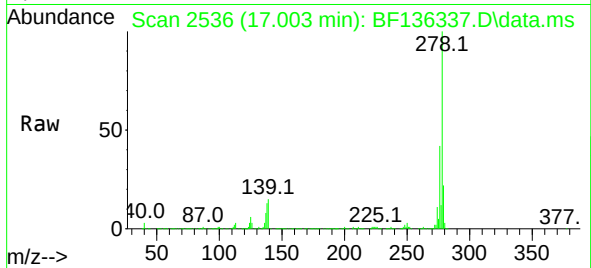




#91
Dibenzo(a,h)anthracene
Concen: 45.915 ng
RT: 17.003 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :
BNA_F
ClientSampleId :
PB157140BS

Tgt Ion:278 Resp: 661235
Ion Ratio Lower Upper
278 100
139 15.1 11.7 17.5
279 22.4 17.8 26.8



#92
Benzo(g,h,i)perylene
Concen: 44.993 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:276 Resp: 650173
Ion Ratio Lower Upper
276 100
277 22.8 18.6 27.8
138 20.2 15.8 23.8

