

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
 Data File : BF140961.D
 Acq On : 23 Dec 2024 10:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 12:09:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	69528	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	250256	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	137764	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	237772	20.000	ng	0.00
76) Chrysene-d12	14.027	240	140294	20.000	ng	0.00
86) Perylene-d12	15.521	264	157950	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	299909	71.008	ng	0.00
7) Phenol-d6	6.504	99	385423	68.897	ng	0.00
23) Nitrobenzene-d5	7.416	82	351694	70.311	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	108062	66.322	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	737279	73.579	ng	0.00
79) Terphenyl-d14	12.957	244	642448	72.209	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	57706	31.720	ng	97
3) Pyridine	3.375	79	136977	32.512	ng	98
4) n-Nitrosodimethylamine	3.334	42	64578	30.405	ng	90
6) Aniline	6.522	93	156787	32.779	ng	96
8) 2-Chlorophenol	6.646	128	161898	35.151	ng	98
9) Benzaldehyde	6.410	77	96907	31.264	ng	98
10) Phenol	6.516	94	197456	34.056	ng	96
11) bis(2-Chloroethyl)ether	6.587	93	147679	34.154	ng	100
12) 1,3-Dichlorobenzene	6.793	146	187629	35.751	ng	97
13) 1,4-Dichlorobenzene	6.869	146	187755	35.244	ng	99
14) 1,2-Dichlorobenzene	7.022	146	176547	35.124	ng	98
15) Benzyl Alcohol	7.004	79	136014	34.005	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	171481	33.666	ng	85
17) 2-Methylphenol	7.122	107	128072	34.829	ng	99
18) Hexachloroethane	7.351	117	67564	34.068	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	111478	33.221	ng	99
20) 3+4-Methylphenols	7.275	107	169070	34.673	ng	# 82
22) Acetophenone	7.263	105	227546	36.348	ng	95
24) Nitrobenzene	7.440	77	179001	34.931	ng	97
25) Isophorone	7.675	82	292386	34.886	ng	99
26) 2-Nitrophenol	7.751	139	86194	36.521	ng	97
27) 2,4-Dimethylphenol	7.793	122	98540	35.751	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	183669	35.087	ng	99
29) 2,4-Dichlorophenol	8.004	162	137399	36.107	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	158755	36.393	ng	99
31) Naphthalene	8.151	128	489567	35.613	ng	100
32) Benzoic acid	7.945	122	85084	32.549	ng	99
33) 4-Chloroaniline	8.210	127	160341	35.119	ng	98
34) Hexachlorobutadiene	8.257	225	105978	36.109	ng	99
35) Caprolactam	8.587	113	36086	31.854	ng	96
36) 4-Chloro-3-methylphenol	8.698	107	144274	33.686	ng	99
37) 2-Methylnaphthalene	8.839	142	312981	34.418	ng	100
38) 1-Methylnaphthalene	8.939	142	303218	33.716	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	158404	37.409	ng	99
41) Hexachlorocyclopentadiene	8.987	237	30626	33.507	ng	100
43) 2,4,6-Trichlorophenol	9.134	196	89889	34.669	ng	99

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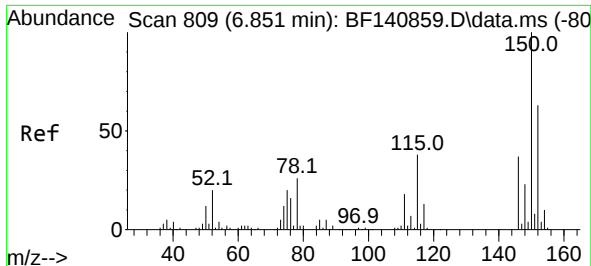
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	94539	33.174	ng	99
46) 1,1'-Biphenyl	9.304	154	397084	36.248	ng	100
47) 2-Chloronaphthalene	9.334	162	302916	36.145	ng	100
48) 2-Nitroaniline	9.439	65	84420	33.354	ng	96
49) Acenaphthylene	9.745	152	433861	35.228	ng	100
50) Dimethylphthalate	9.604	163	332107	34.193	ng	100
51) 2,6-Dinitrotoluene	9.675	165	77266	34.798	ng	96
52) Acenaphthene	9.916	154	279589	35.539	ng	99
53) 3-Nitroaniline	9.851	138	72752	33.016	ng	99
54) 2,4-Dinitrophenol	9.981	184	28049	30.314	ng	97
55) Dibenzofuran	10.092	168	426793	35.010	ng	99
56) 4-Nitrophenol	10.092	139	193638	158.741	ng	# 11
57) 2,4-Dinitrotoluene	10.086	165	98835	33.831	ng	99
58) Fluorene	10.434	166	338579	33.666	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	78098	33.631	ng	94
60) Diethylphthalate	10.298	149	332211	32.985	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	177925	35.220	ng	97
62) 4-Nitroaniline	10.469	138	64177	27.871	ng	97
63) Azobenzene	10.581	77	306914	32.414	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	45162	33.519	ng	99
66) n-Nitrosodiphenylamine	10.545	169	282306	38.617	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	103340	38.849	ng	98
68) Hexachlorobenzene	10.986	284	115413	38.268	ng	99
69) Atrazine	11.069	200	66483	32.562	ng	99
70) Pentachlorophenol	11.198	266	32220	29.221	ng	98
71) Phenanthrene	11.398	178	438097	35.830	ng	99
72) Anthracene	11.451	178	431817	35.861	ng	100
73) Carbazole	11.610	167	392376	33.268	ng	99
74) Di-n-butylphthalate	11.928	149	474001	34.244	ng	99
75) Fluoranthene	12.592	202	449589	31.927	ng	100
77) Benzidine	12.722	184	69790	24.374	ng	99
78) Pyrene	12.822	202	452389	36.261	ng	100
80) Butylbenzylphthalate	13.427	149	152581	33.239	ng	98
81) Benzo(a)anthracene	14.016	228	338154	34.009	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	113317	37.774	ng	97
83) Chrysene	14.051	228	323018	35.726	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	202400	34.194	ng	99
85) Di-n-octyl phthalate	14.604	149	329327	36.776	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	501337	50.863	ng	99
88) Benzo(b)fluoranthene	15.086	252	343387	31.319	ng	99
89) Benzo(k)fluoranthene	15.110	252	316398	33.642	ng	99
90) Benzo(a)pyrene	15.457	252	304140	35.426	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	416435	50.998	ng	99
92) Benzo(g,h,i)perylene	17.492	276	425965	51.254	ng	100

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

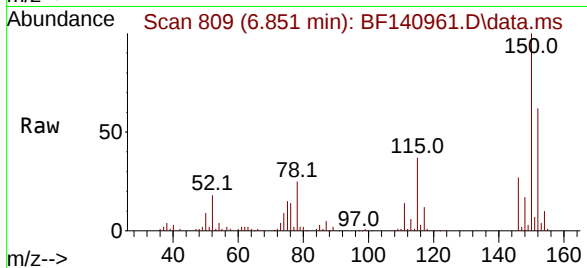
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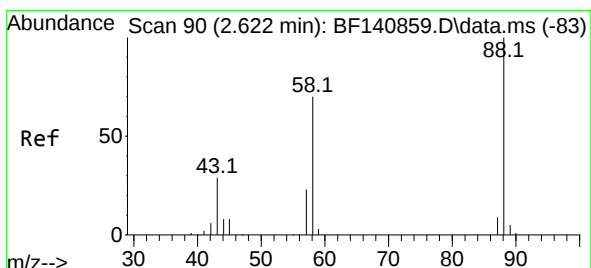
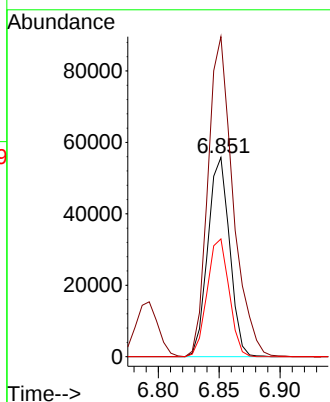
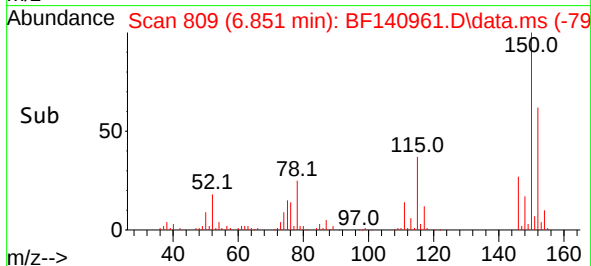


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF140961.D
 Acq: 23 Dec 2024 10:44

Instrument :
 BNA_F
 ClientSampleId :

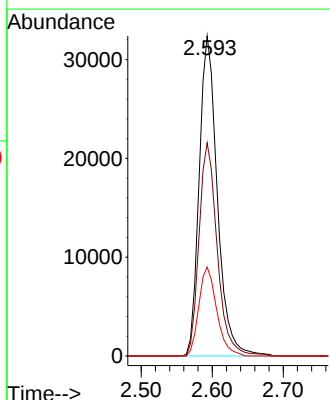
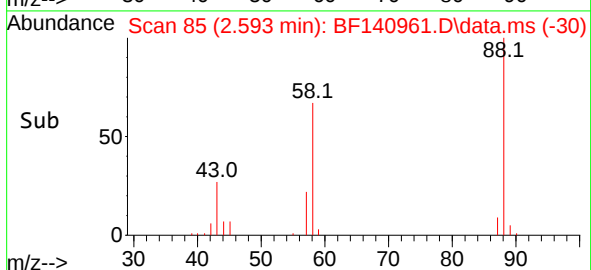
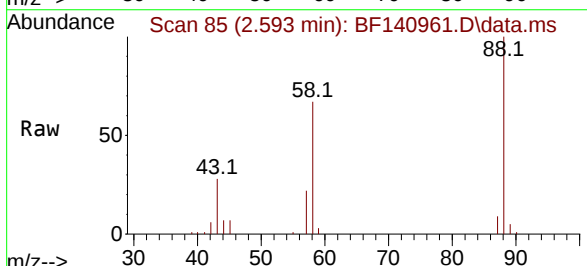


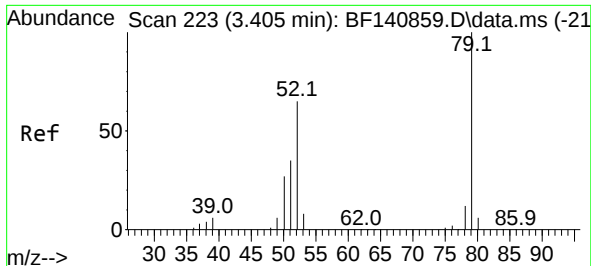
Tgt Ion:152 Resp: 69528
 Ion Ratio Lower Upper
 152 100
 150 160.6 127.9 191.9
 115 59.1 48.0 72.0



#2
 1,4-Dioxane
 Concen: 31.720 ng
 RT: 2.593 min Scan# 85
 Delta R.T. -0.029 min
 Lab File: BF140961.D
 Acq: 23 Dec 2024 10:44

Tgt Ion: 88 Resp: 57706
 Ion Ratio Lower Upper
 88 100
 58 66.6 55.8 83.8
 43 27.3 22.7 34.1

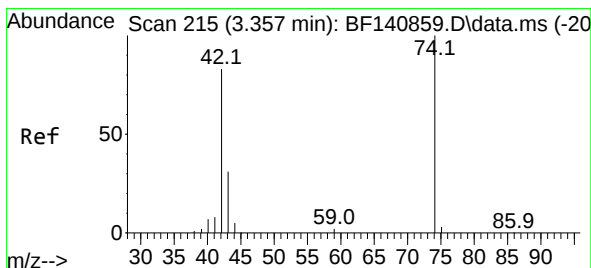
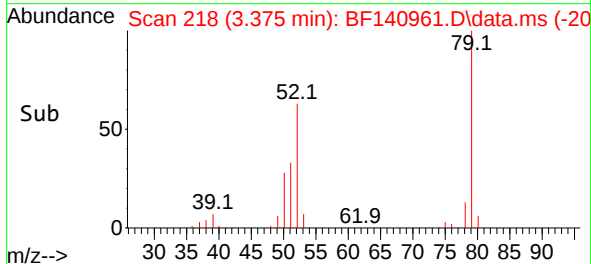
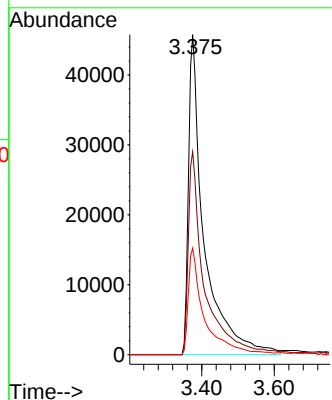
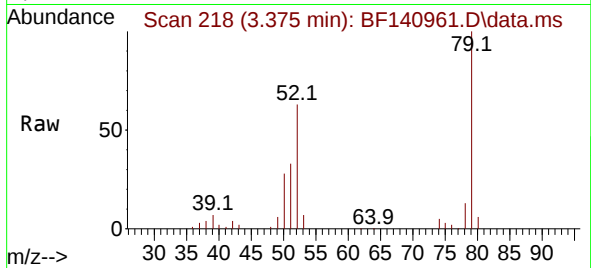




#3
Pyridine
Concen: 32.512 ng
RT: 3.375 min Scan# 211
Delta R.T. -0.029 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

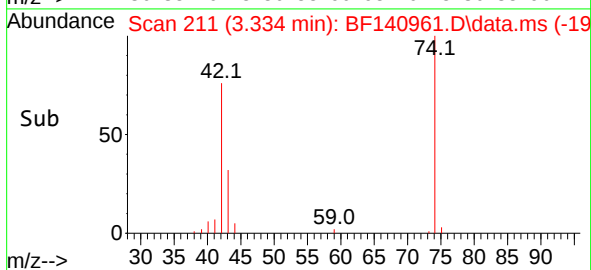
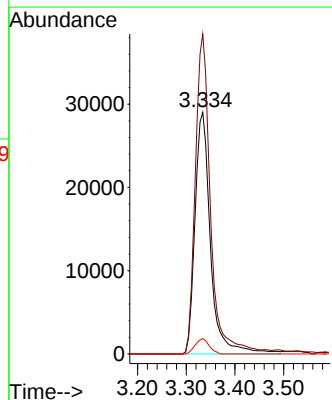
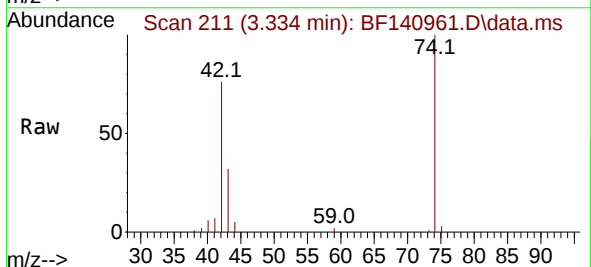
Instrument :
BNA_F
ClientSampleId :

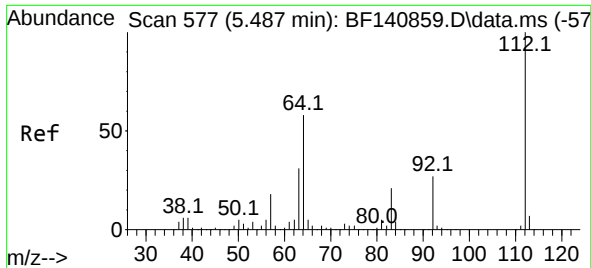
Tgt Ion: 79 Resp: 136977
Ion Ratio Lower Upper
79 100
52 63.4 51.7 77.5
51 33.3 28.2 42.4



#4
n-Nitrosodimethylamine
Concen: 30.405 ng
RT: 3.334 min Scan# 211
Delta R.T. -0.024 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Tgt Ion: 42 Resp: 64578
Ion Ratio Lower Upper
42 100
74 132.4 96.9 145.3
44 6.3 4.4 6.6

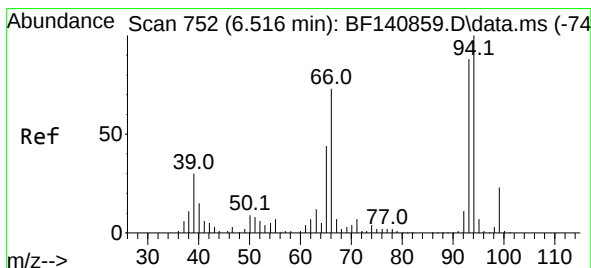
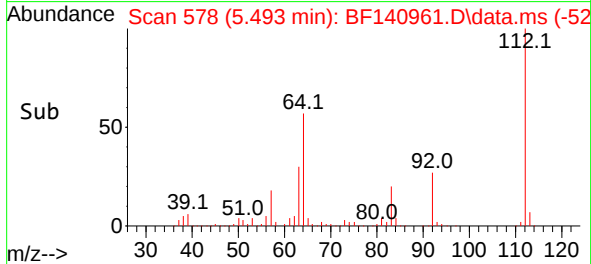
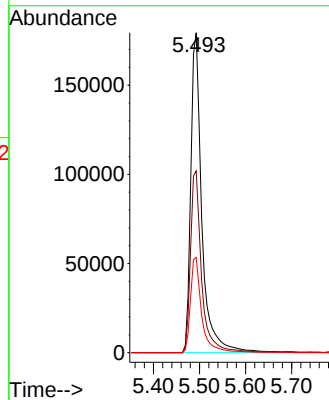
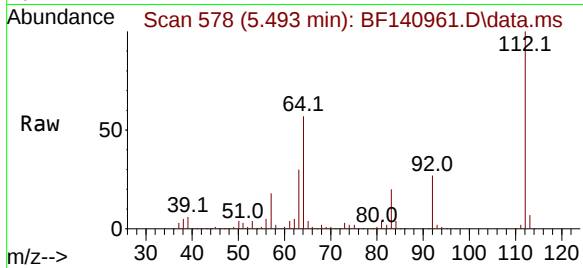




#5
2-Fluorophenol
Concen: 71.008 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

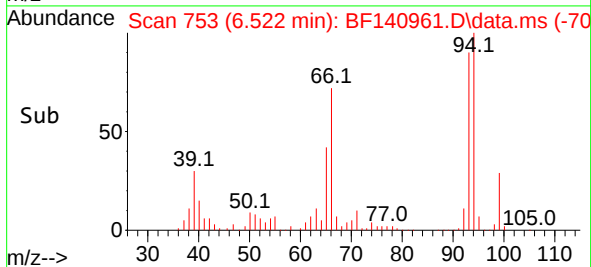
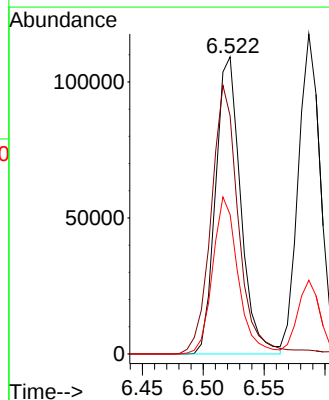
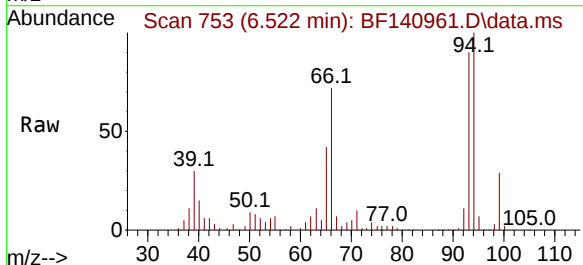
Instrument :
BNA_F
ClientSampleId :

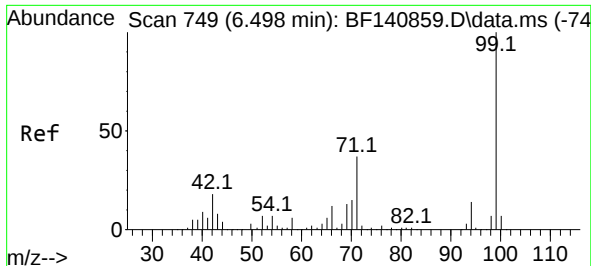
Tgt Ion:112 Resp: 299909
Ion Ratio Lower Upper
112 100
64 56.8 46.1 69.1
63 29.7 24.9 37.3



#6
Aniline
Concen: 32.779 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Tgt Ion: 93 Resp: 156787
Ion Ratio Lower Upper
93 100
66 80.1 67.0 100.4
65 46.9 40.4 60.6

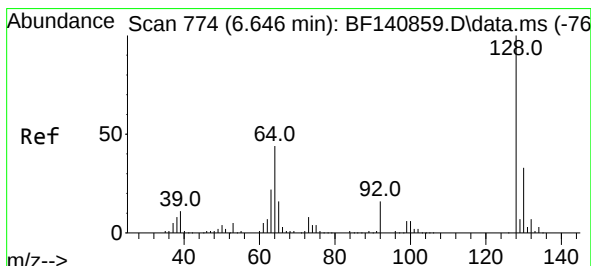
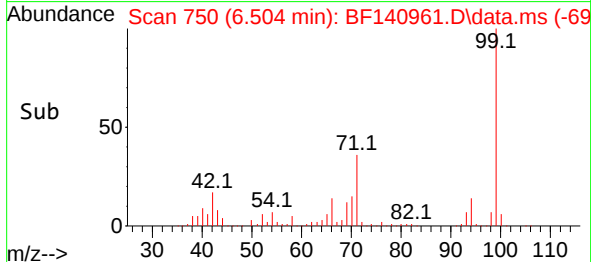
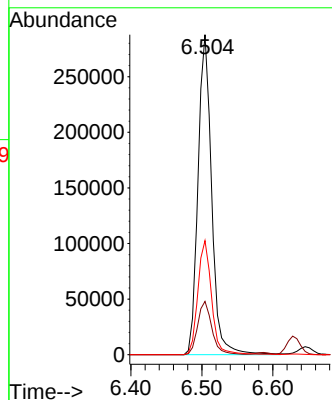
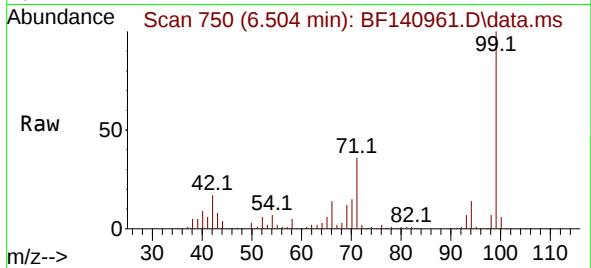




#7
Phenol-d6
Concen: 68.897 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

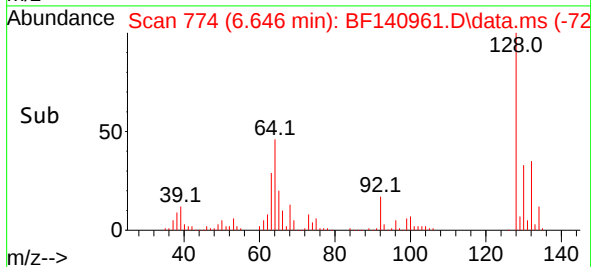
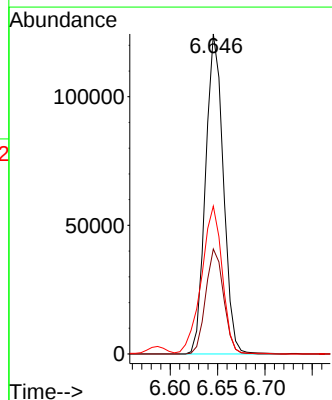
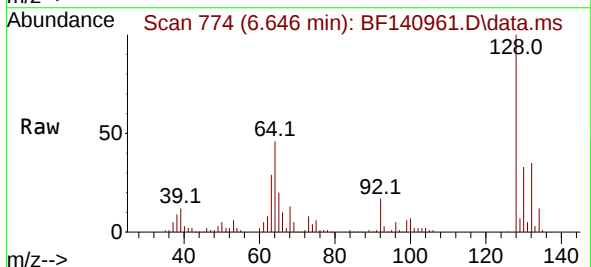
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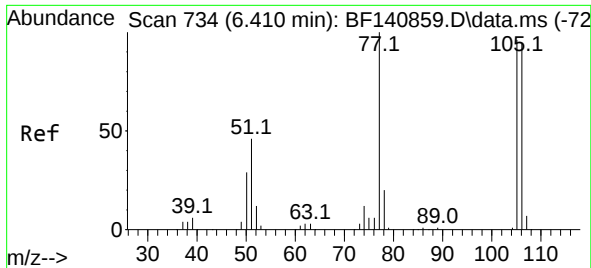
Tgt Ion: 99 Resp: 385423
Ion Ratio Lower Upper
99 100
42 16.7 14.3 21.5
71 35.7 29.9 44.9



#8
2-Chlorophenol
Concen: 35.151 ng
RT: 6.646 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Tgt Ion: 128 Resp: 161898
Ion Ratio Lower Upper
128 100
130 32.8 12.9 52.9
64 46.2 24.3 64.3





#9

Benzaldehyde

Concen: 31.264 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

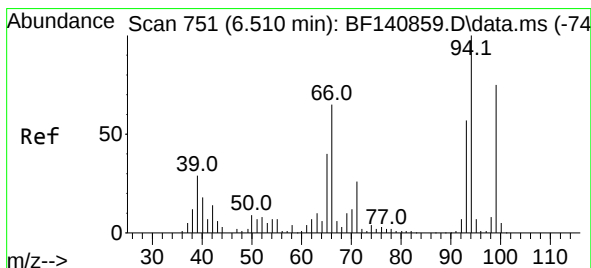
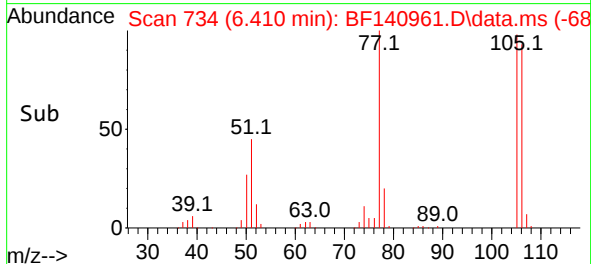
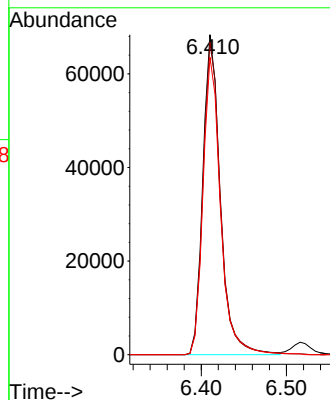
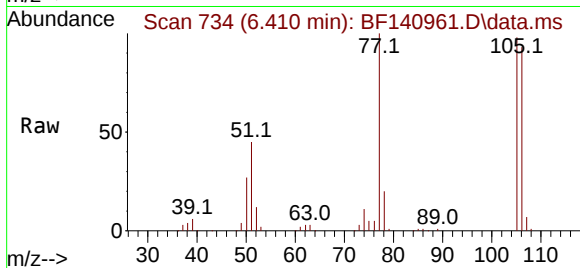
Tgt Ion: 77 Resp: 96907

Ion Ratio Lower Upper

77 100

105 97.6 75.8 115.8

106 93.0 74.1 114.1



#10

Phenol

Concen: 34.056 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

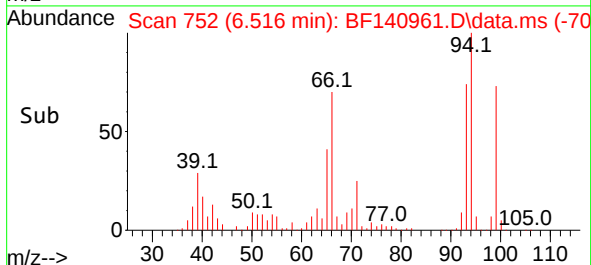
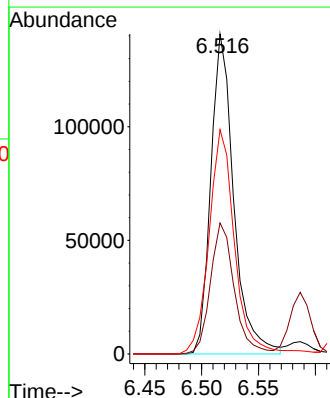
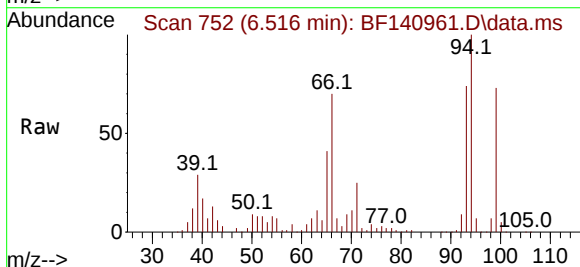
Tgt Ion: 94 Resp: 197456

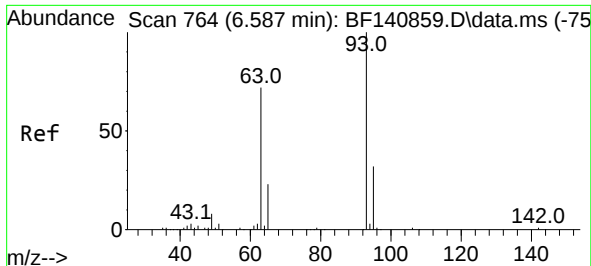
Ion Ratio Lower Upper

94 100

65 41.0 19.9 59.9

66 70.1 45.6 85.6

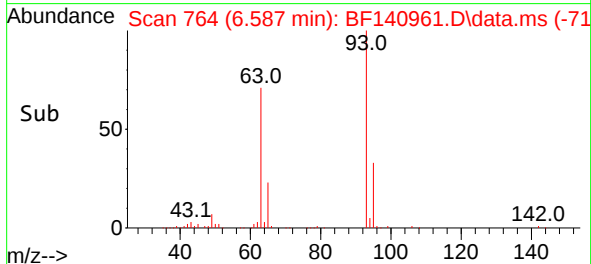
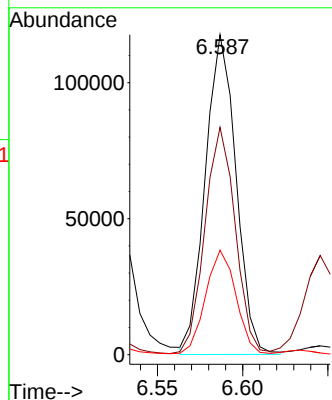
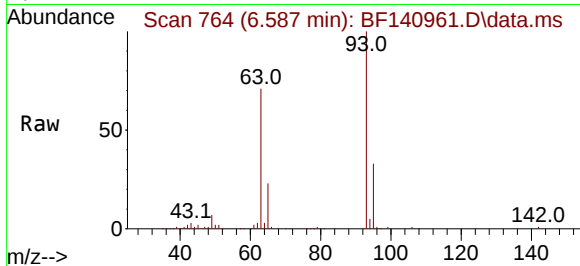




#11
bis(2-Chloroethyl)ether
Concen: 34.154 ng
RT: 6.587 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

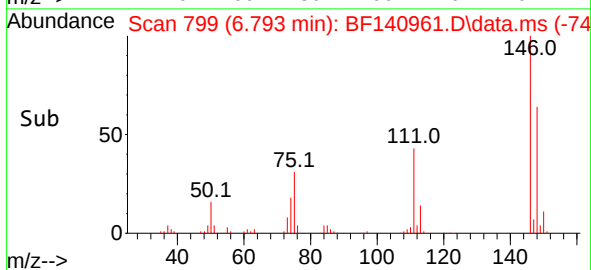
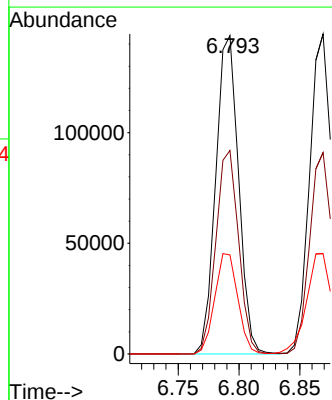
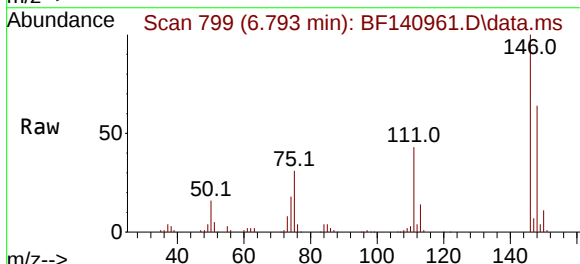
Instrument :
BNA_F
ClientSampleId :

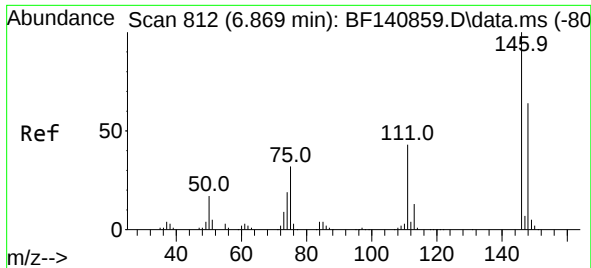
Tgt Ion: 93 Resp: 147679
Ion Ratio Lower Upper
93 100
63 71.1 51.0 91.0
95 32.6 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 35.751 ng
RT: 6.793 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Tgt Ion: 146 Resp: 187629
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
75 31.1 28.1 42.1

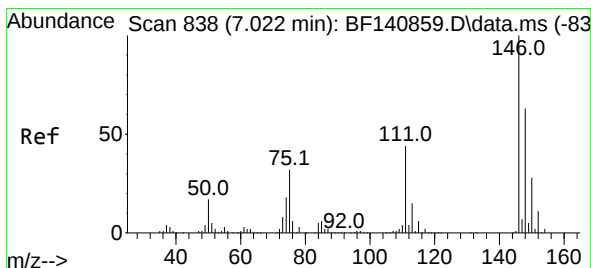
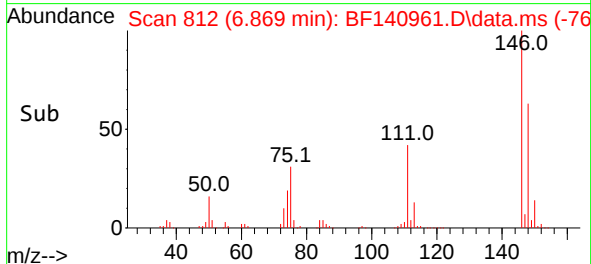
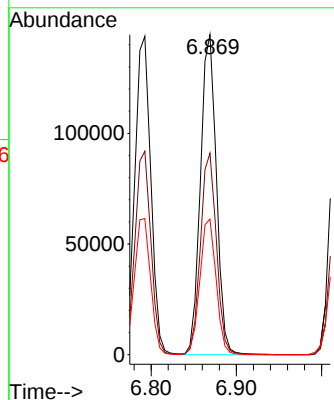
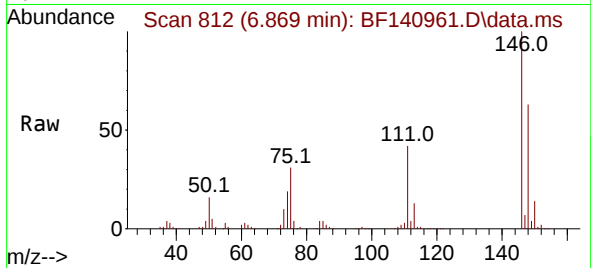




#13
1,4-Dichlorobenzene
Concen: 35.244 ng
RT: 6.869 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

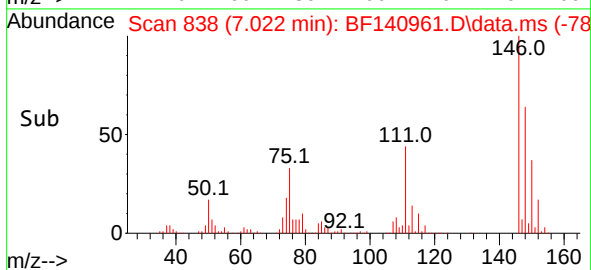
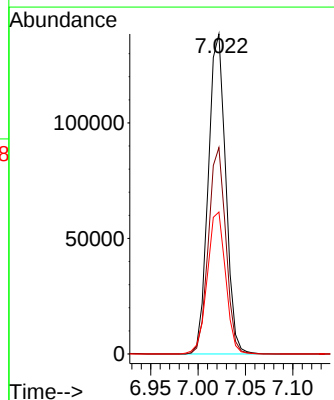
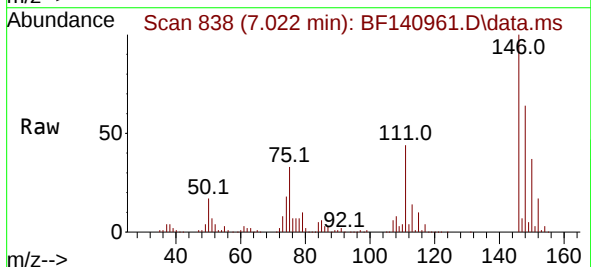
Instrument :
BNA_F
ClientSampleId :

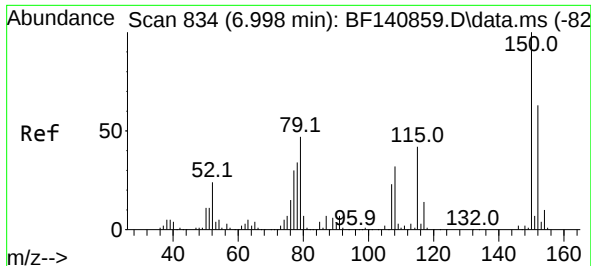
Tgt Ion:146 Resp: 187755
Ion Ratio Lower Upper
146 100
148 63.0 51.3 76.9
111 42.4 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 35.124 ng
RT: 7.022 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Tgt Ion:146 Resp: 176547
Ion Ratio Lower Upper
146 100
148 64.5 50.0 75.0
111 44.4 35.6 53.4

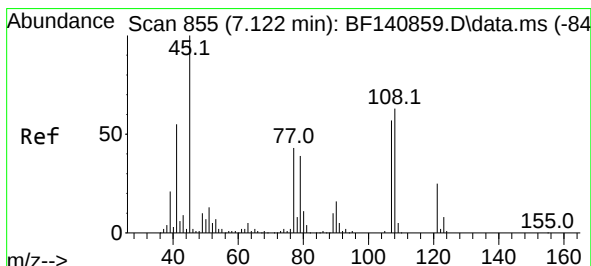
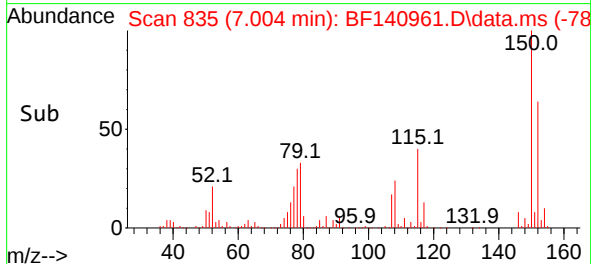
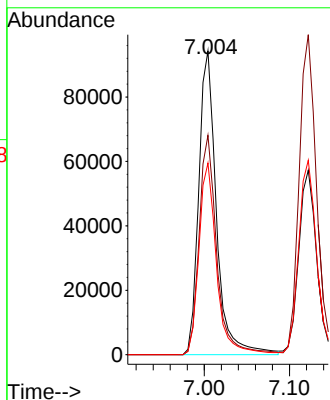
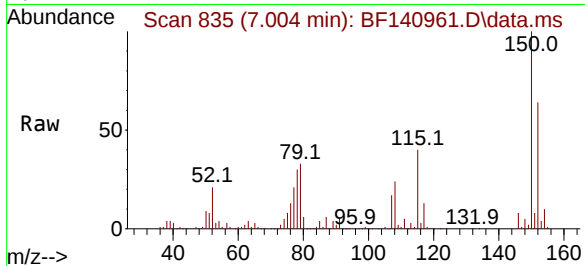




#15
Benzyl Alcohol
Concen: 34.005 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

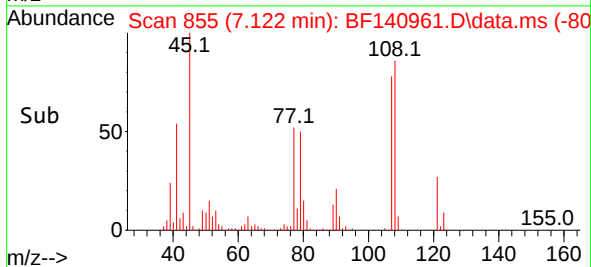
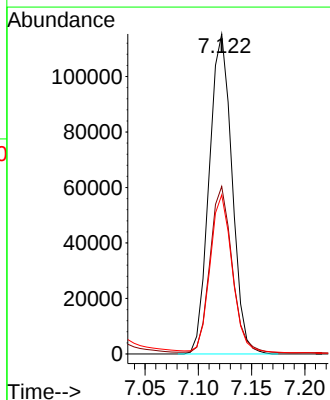
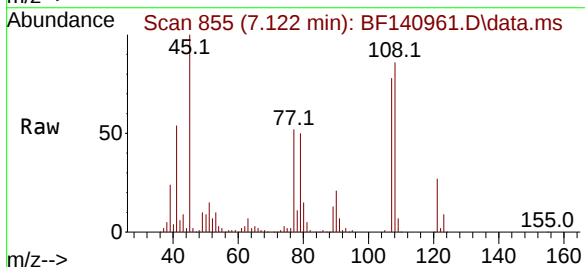
Instrument :
BNA_F
ClientSampleId :

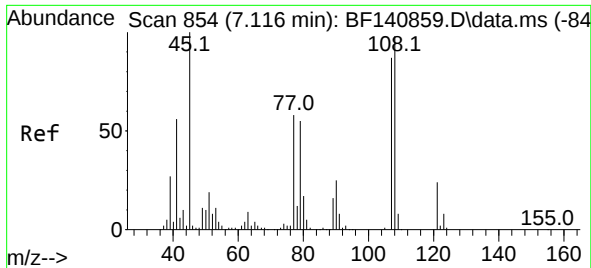
Tgt Ion: 79 Resp: 136014
Ion Ratio Lower Upper
79 100
108 72.2 55.1 82.7
77 63.1 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.666 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

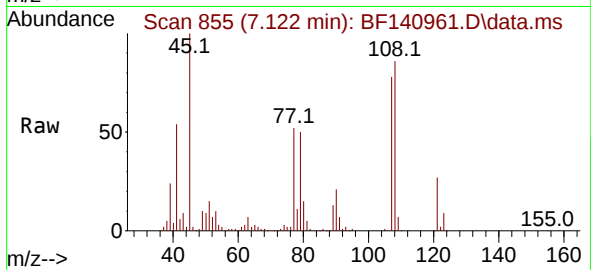
Tgt Ion: 45 Resp: 171481
Ion Ratio Lower Upper
45 100
77 52.3 23.3 63.3
79 49.7 20.0 60.0



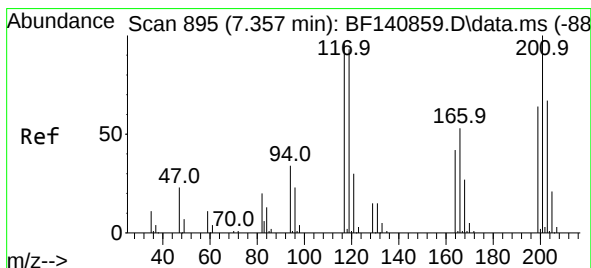
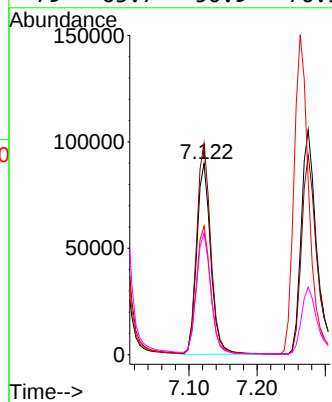
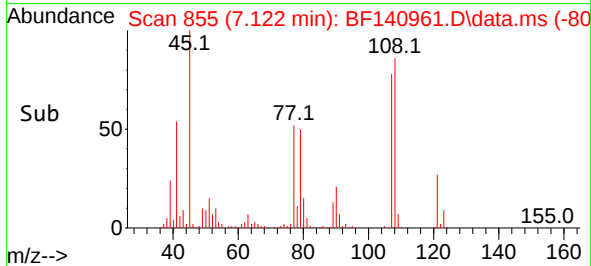


#17
2-Methylphenol
Concen: 34.829 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Instrument :
BNA_F
ClientSampleId :

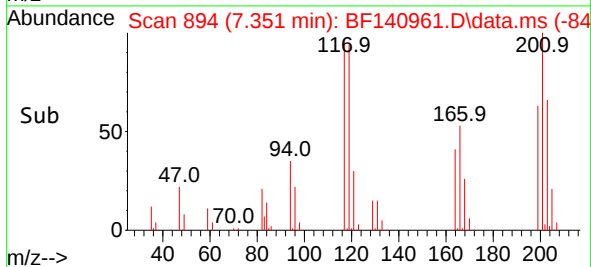
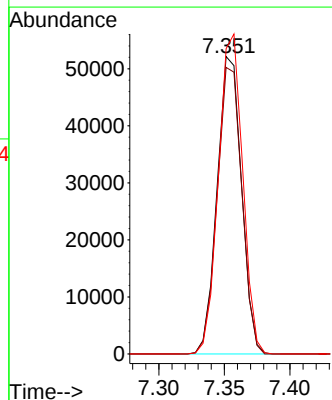
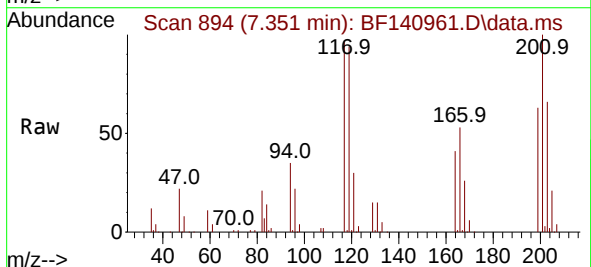


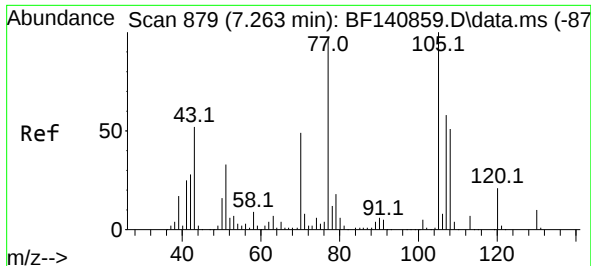
Tgt Ion:107 Resp: 128072
Ion Ratio Lower Upper
107 100
108 110.5 90.2 135.4
77 67.2 53.8 80.6
79 63.7 50.9 76.3



#18
Hexachloroethane
Concen: 34.068 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Tgt Ion:117 Resp: 67564
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0
201 102.6 83.4 125.0





#19

n-Nitroso-di-n-propylamine

Concen: 33.221 ng

RT: 7.263 min Scan# 81

Delta R.T. 0.000 min

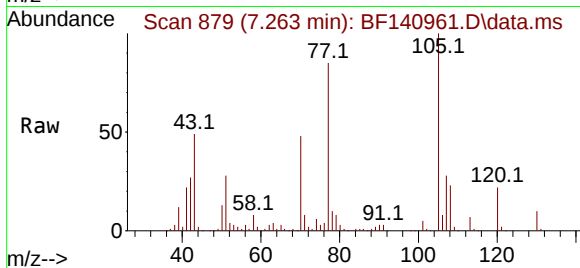
Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 111478

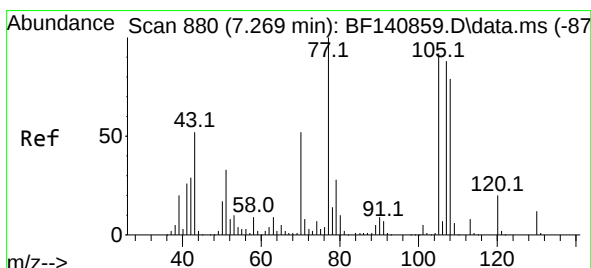
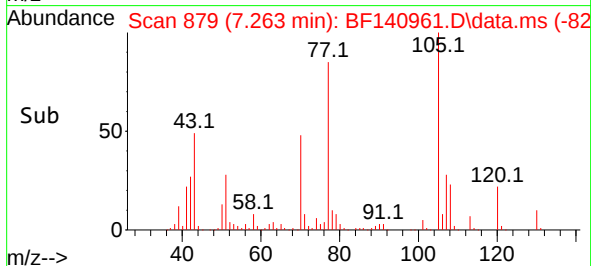
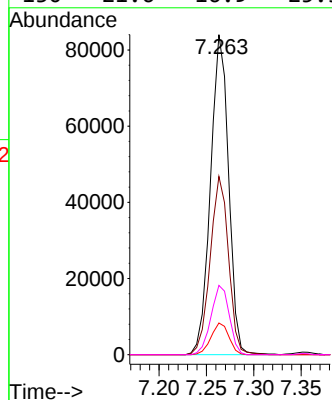
Ion Ratio Lower Upper

70 100

42 55.7 45.3 67.9

101 9.9 8.0 12.0

130 21.6 16.9 25.3



#20

3+4-Methylphenols

Concen: 34.673 ng

RT: 7.275 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Tgt Ion:107 Resp: 169070

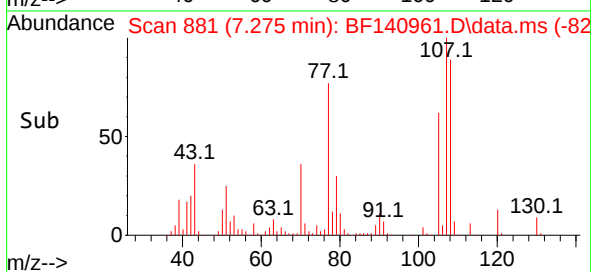
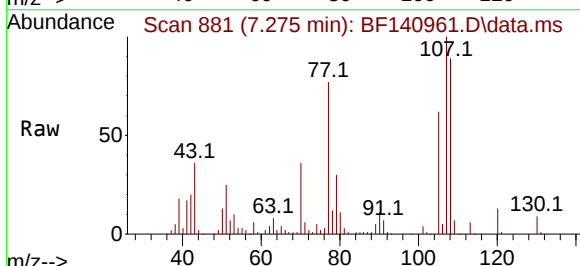
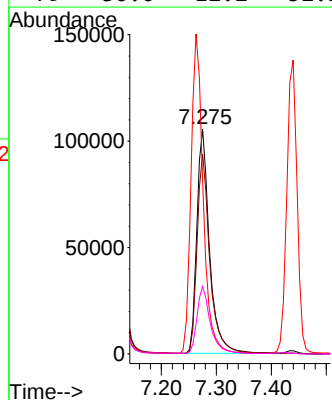
Ion Ratio Lower Upper

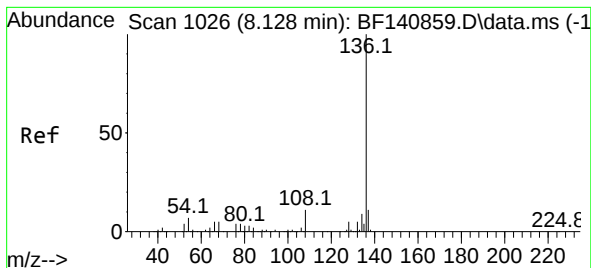
107 100

108 88.8 70.1 110.1

77 77.0 94.4 134.4#

79 30.0 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. 0.000 min

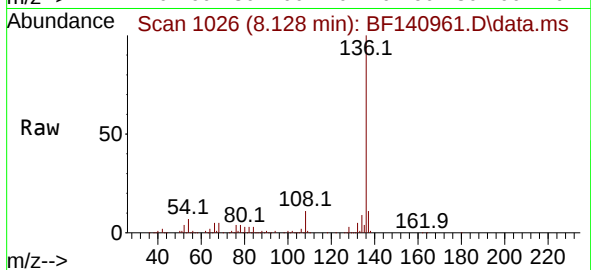
Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 250256

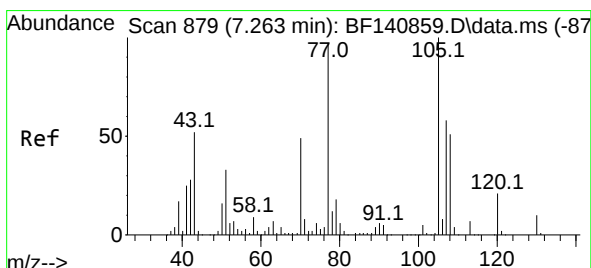
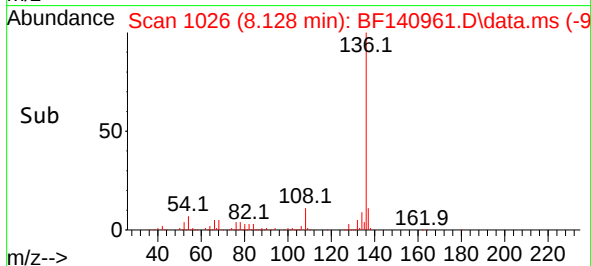
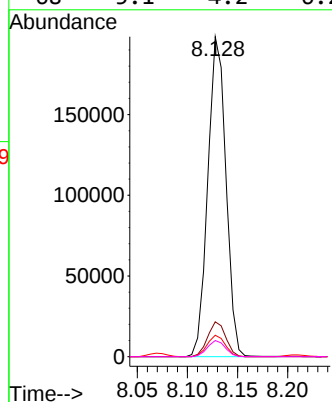
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.7 5.6 8.4

68 5.1 4.2 6.2



#22

Acetophenone

Concen: 36.348 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Tgt Ion:105 Resp: 227546

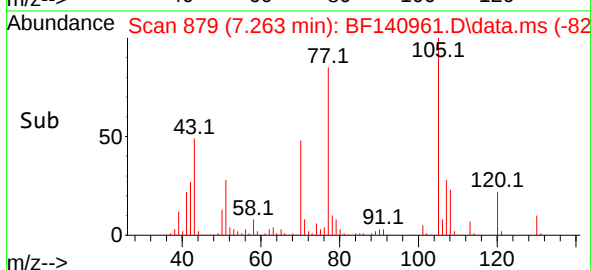
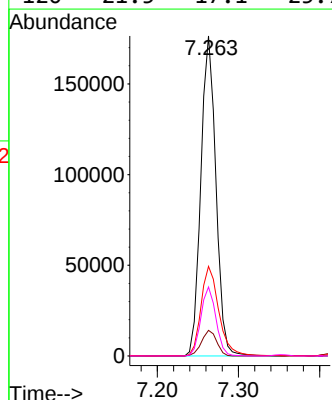
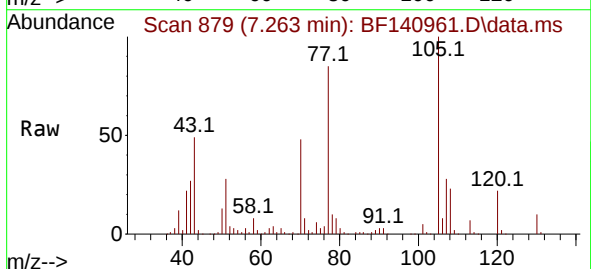
Ion Ratio Lower Upper

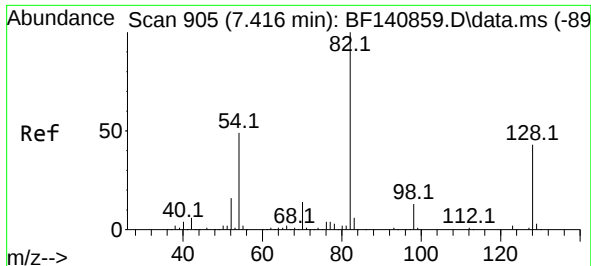
105 100

71 8.0 6.2 9.4

51 28.0 26.3 39.5

120 21.5 17.1 25.7

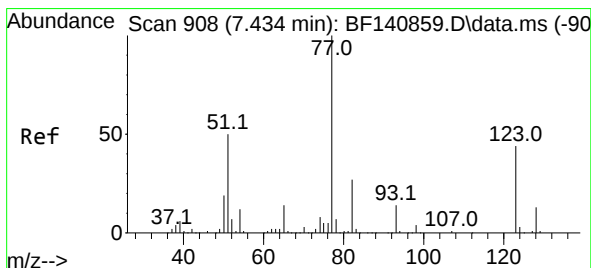
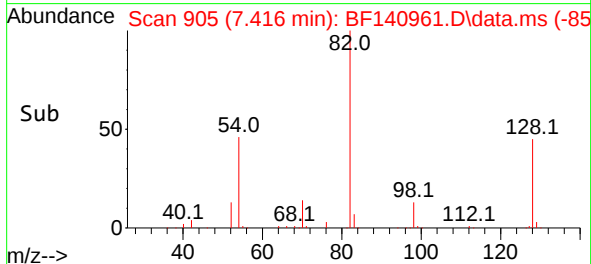
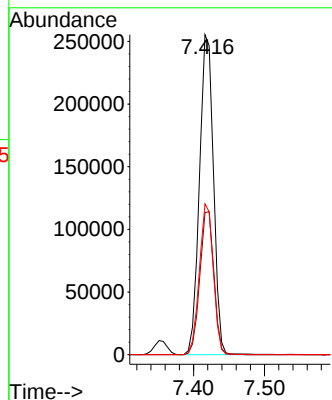
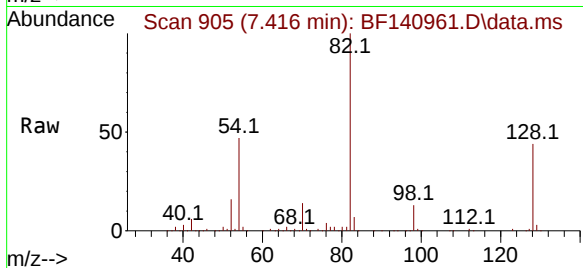




#23
Nitrobenzene-d5
Concen: 70.311 ng
RT: 7.416 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

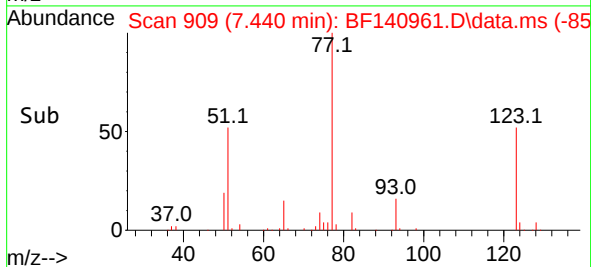
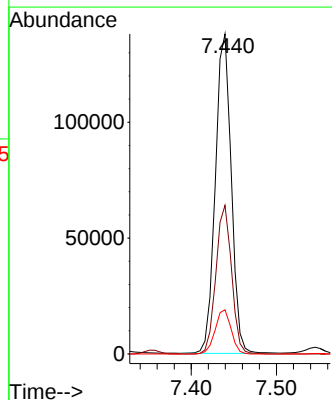
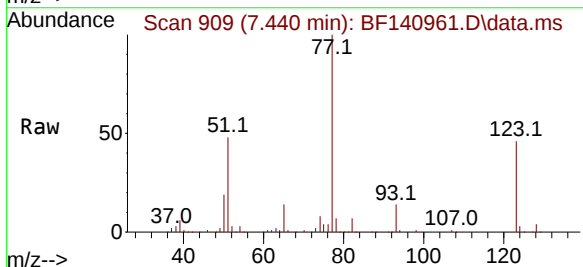
Instrument :
BNA_F
ClientSampleId :

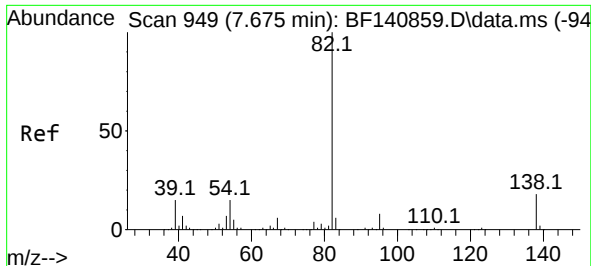
Tgt Ion: 82 Resp: 351694
Ion Ratio Lower Upper
82 100
128 44.4 34.4 51.6
54 47.1 38.8 58.2



#24
Nitrobenzene
Concen: 34.931 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

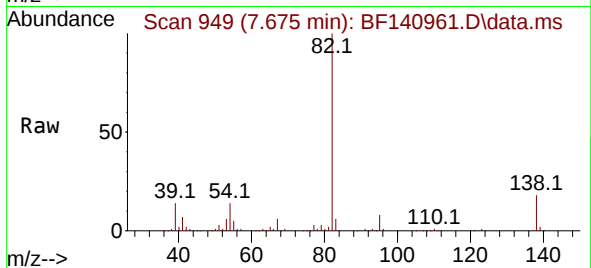
Tgt Ion: 77 Resp: 179001
Ion Ratio Lower Upper
77 100
123 46.4 35.0 52.4
65 13.8 11.4 17.0



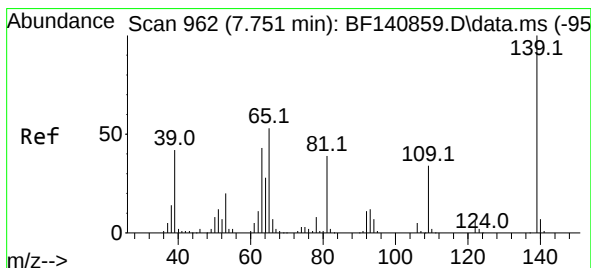
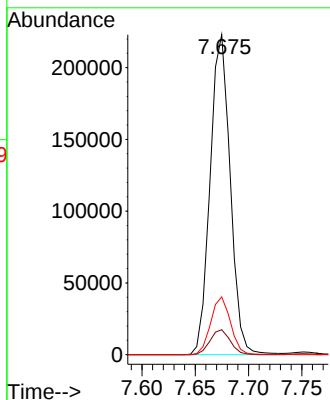
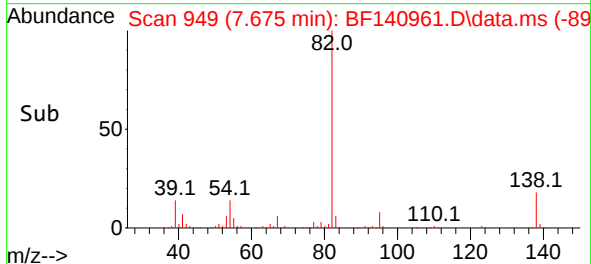


#25
Isophorone
Concen: 34.886 ng
RT: 7.675 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Instrument :
BNA_F
ClientSampleId :

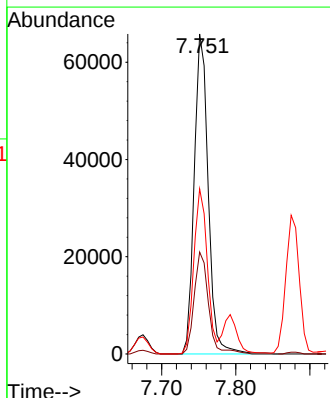
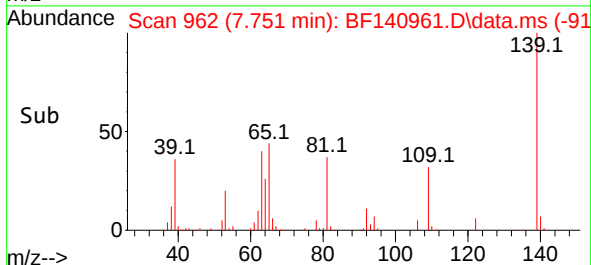
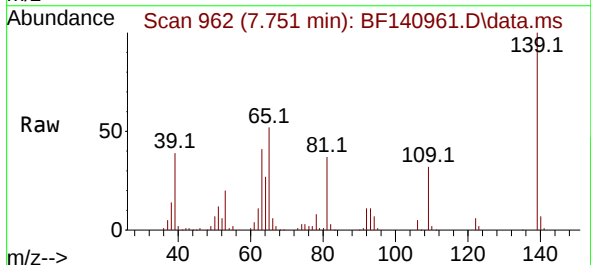


Tgt Ion: 82 Resp: 292386
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 18.0 14.1 21.1



#26
2-Nitrophenol
Concen: 36.521 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Tgt Ion:139 Resp: 86194
Ion Ratio Lower Upper
139 100
109 31.9 26.9 40.3
65 51.6 42.6 64.0

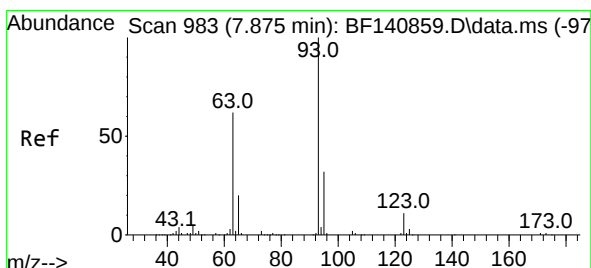
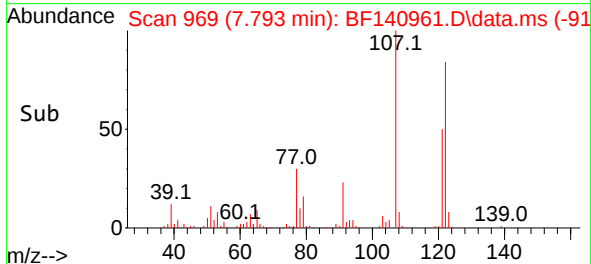
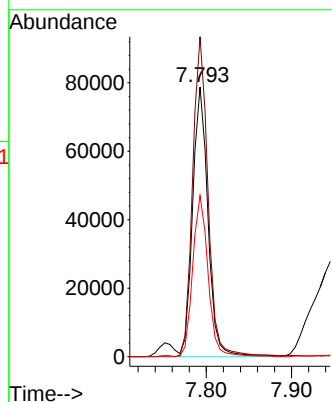
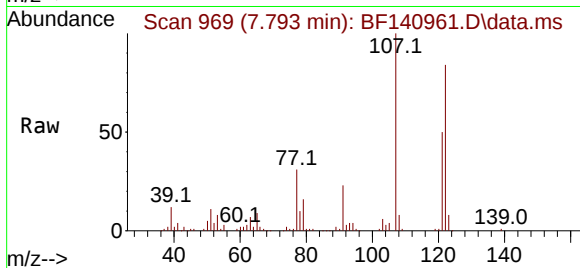




#27
2,4-Dimethylphenol
Concen: 35.751 ng
RT: 7.793 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

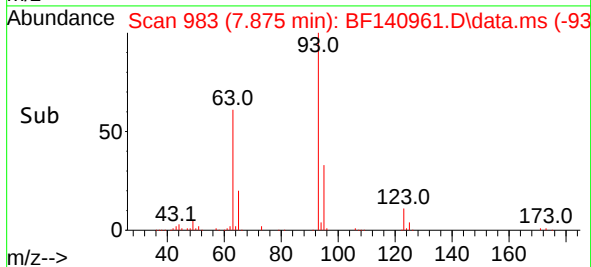
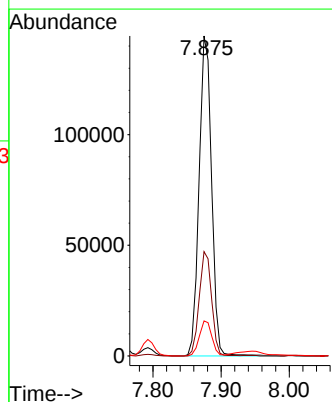
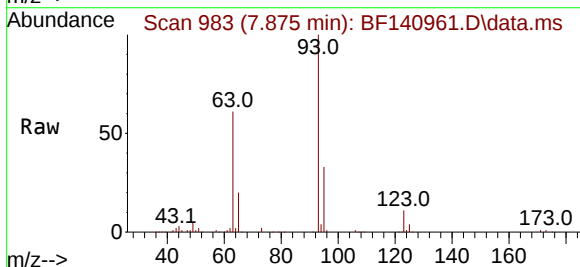
Instrument :
BNA_F
ClientSampleId :

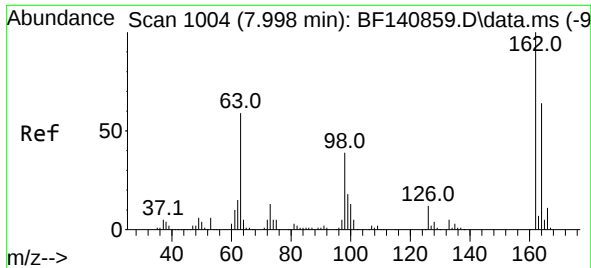
Tgt Ion:122 Resp: 98540
Ion Ratio Lower Upper
122 100
107 118.7 92.6 139.0
121 59.7 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 35.087 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Tgt Ion: 93 Resp: 183669
Ion Ratio Lower Upper
93 100
95 32.6 25.3 37.9
123 10.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 36.107 ng

RT: 8.004 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

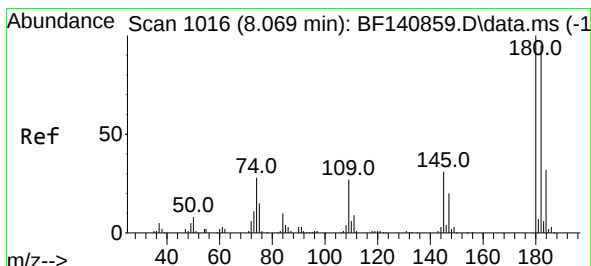
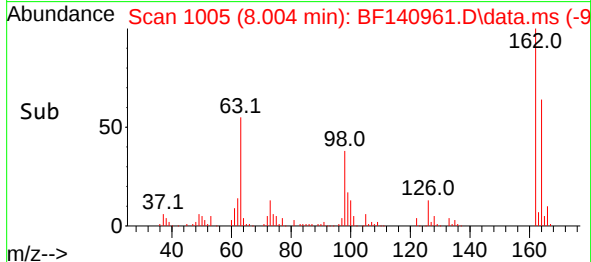
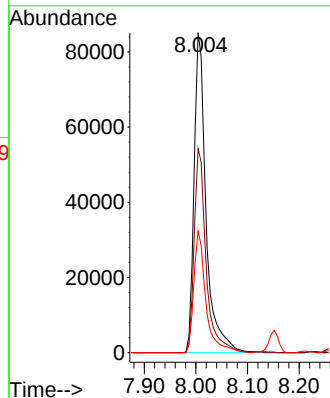
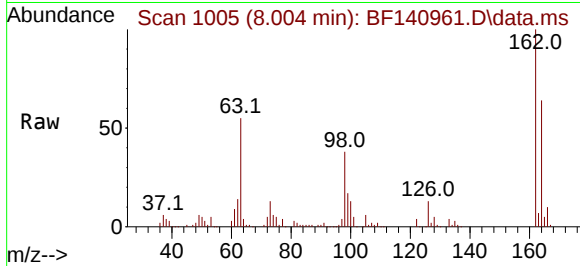
Tgt Ion:162 Resp: 137399

Ion Ratio Lower Upper

162 100

164 63.8 43.7 83.7

98 38.0 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 36.393 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

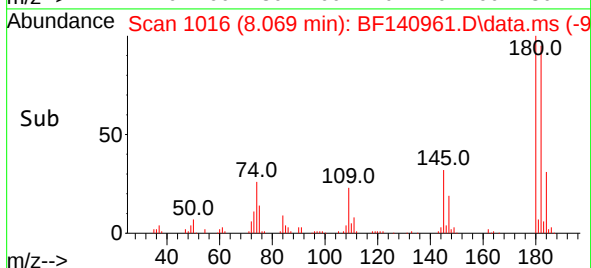
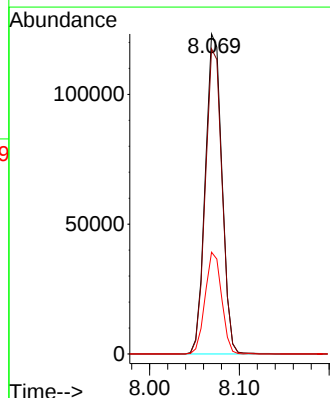
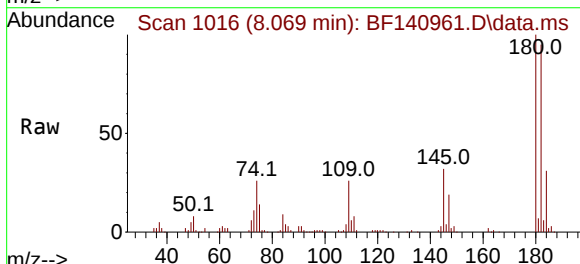
Tgt Ion:180 Resp: 158755

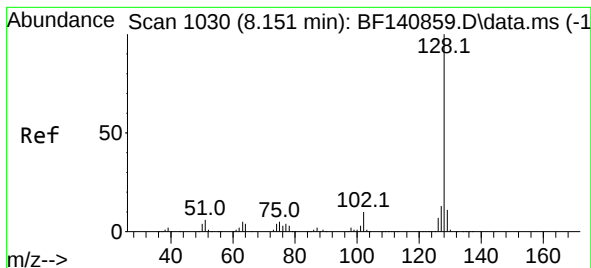
Ion Ratio Lower Upper

180 100

182 95.3 75.8 113.6

145 31.8 25.2 37.8





#31

Naphthalene

Concen: 35.613 ng

RT: 8.151 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

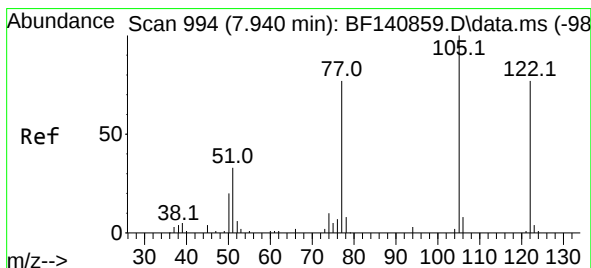
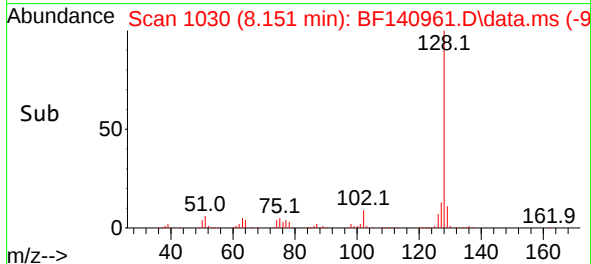
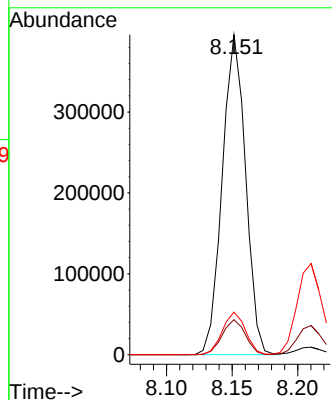
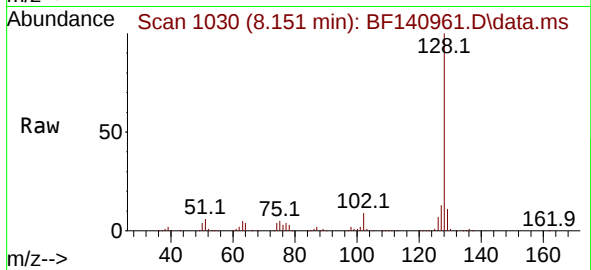
Tgt Ion:128 Resp: 489567

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 32.549 ng

RT: 7.945 min Scan# 995

Delta R.T. 0.005 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

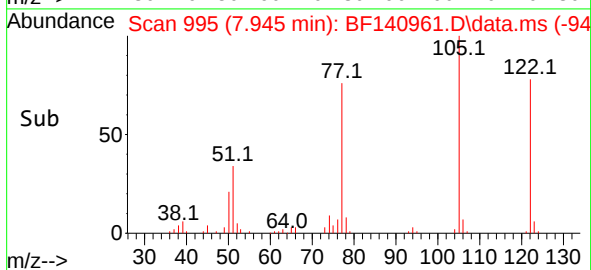
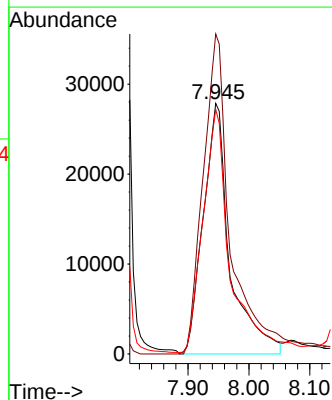
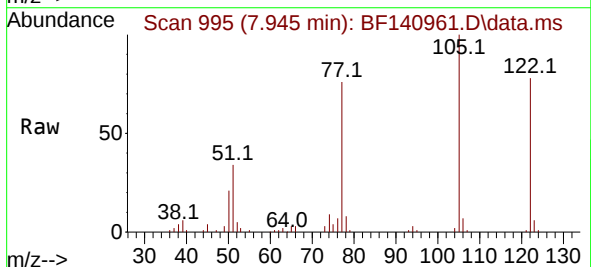
Tgt Ion:122 Resp: 85084

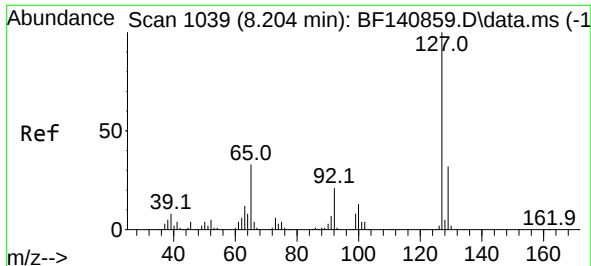
Ion Ratio Lower Upper

122 100

105 127.7 108.3 148.3

77 97.6 78.8 118.8

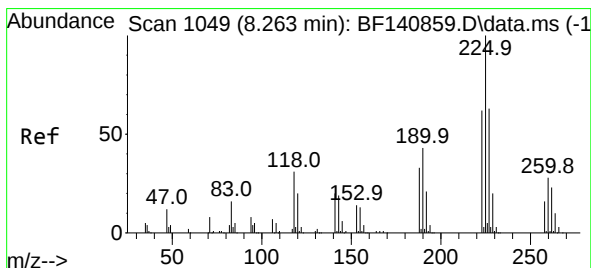
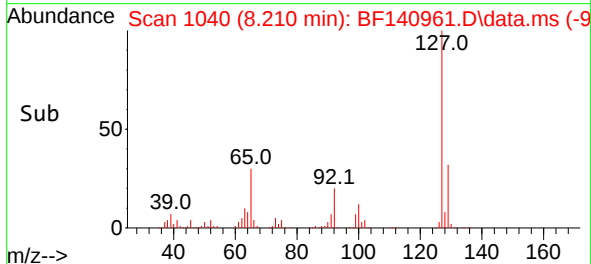
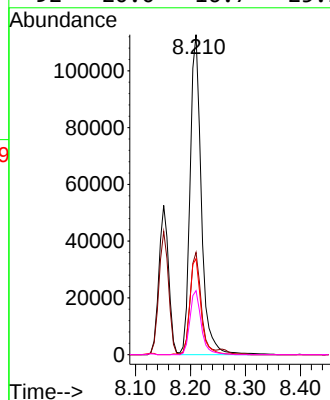
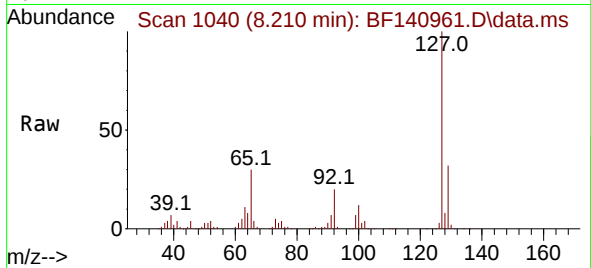




#33
4-Chloroaniline
Concen: 35.119 ng
RT: 8.210 min Scan# 1039
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

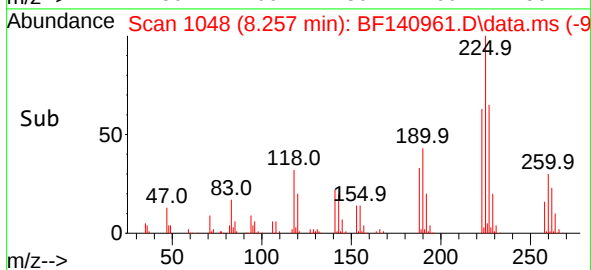
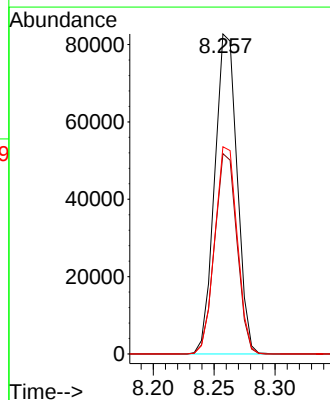
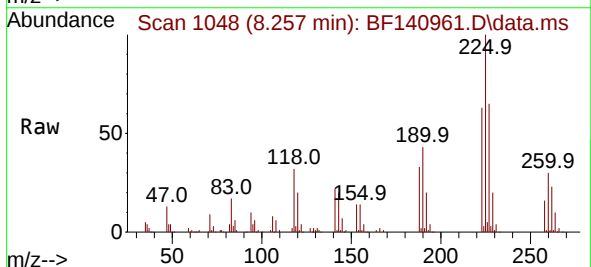
Instrument :
BNA_F
ClientSampleId :

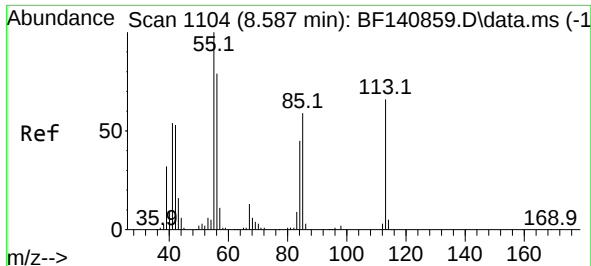
Tgt Ion:127	Resp: 160341
Ion Ratio	Lower Upper
127 100	
129 32.0	26.0 39.0
65 30.0	26.0 39.0
92 20.0	16.7 25.1



#34
Hexachlorobutadiene
Concen: 36.109 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Tgt Ion:225	Resp: 105978
Ion Ratio	Lower Upper
225 100	
223 62.6	49.6 74.4
227 64.8	50.7 76.1

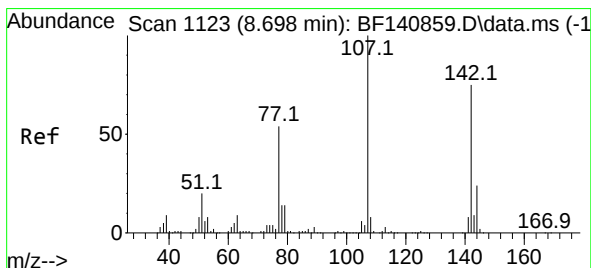
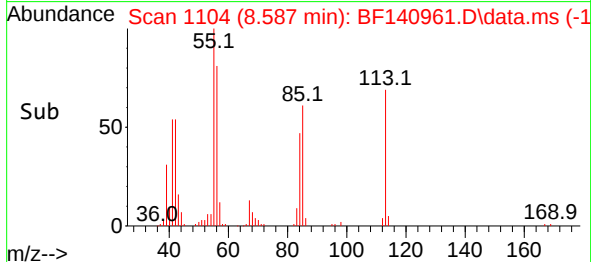
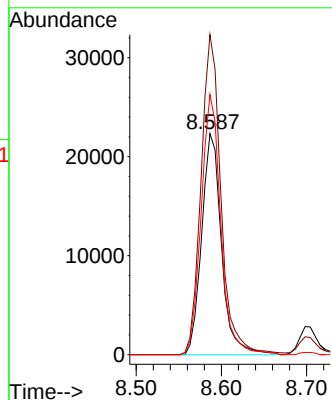
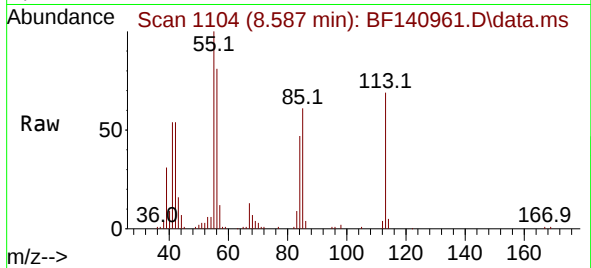




#35
 Caprolactam
 Concen: 31.854 ng
 RT: 8.587 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: BF140961.D
 Acq: 23 Dec 2024 10:44

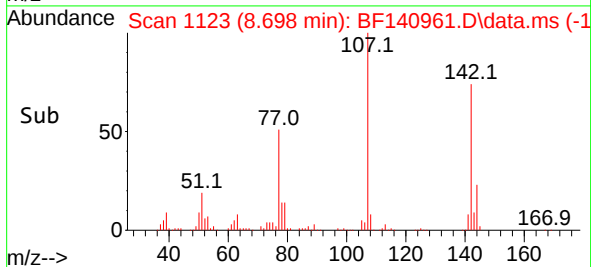
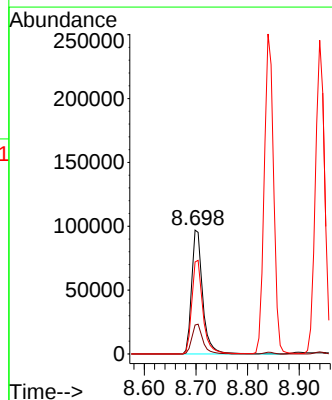
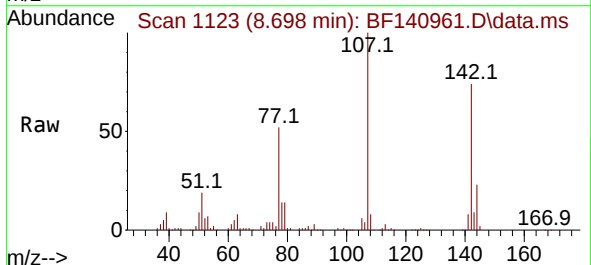
Instrument :
 BNA_F
 ClientSampleId :

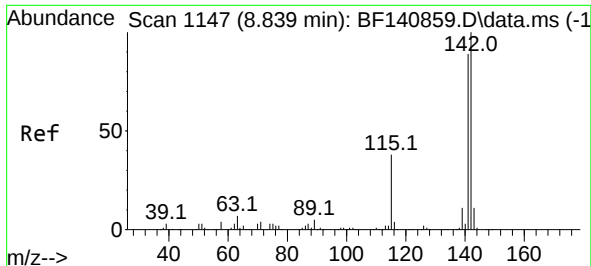
Tgt Ion:113 Resp: 36086
 Ion Ratio Lower Upper
 113 100
 55 144.8 132.3 172.3
 56 117.7 100.3 140.3



#36
 4-Chloro-3-methylphenol
 Concen: 33.686 ng
 RT: 8.698 min Scan# 1123
 Delta R.T. 0.000 min
 Lab File: BF140961.D
 Acq: 23 Dec 2024 10:44

Tgt Ion:107 Resp: 144274
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.4 29.2
 142 74.3 60.3 90.5





#37

2-Methylnaphthalene

Concen: 34.418 ng

RT: 8.839 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

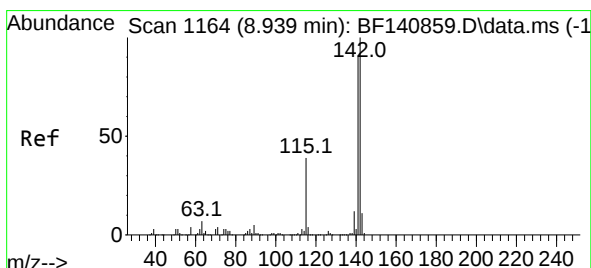
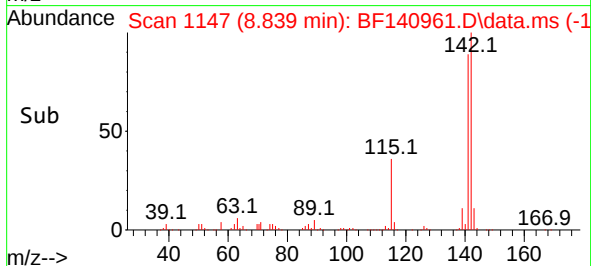
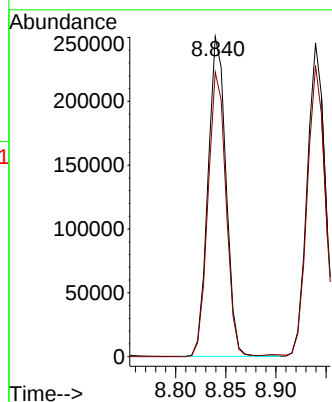
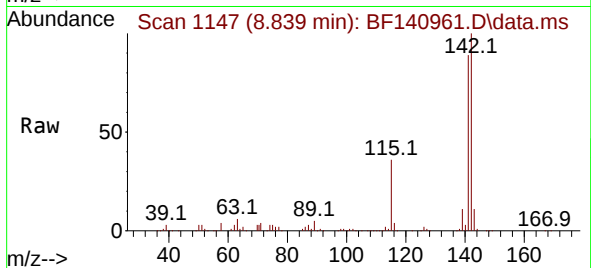
ClientSampleId :

Tgt Ion:142 Resp: 312981

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 33.716 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF140961.D

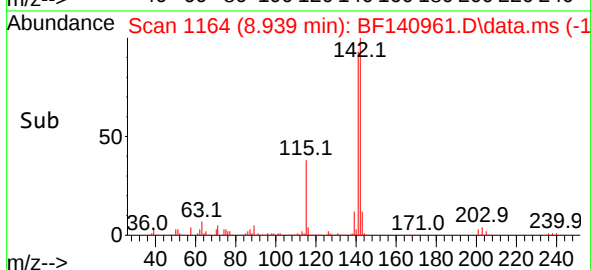
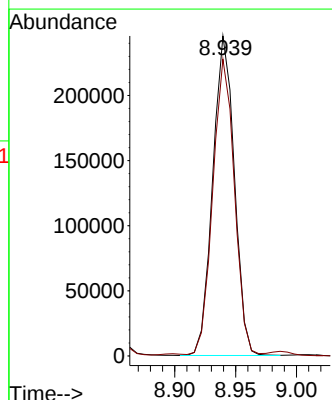
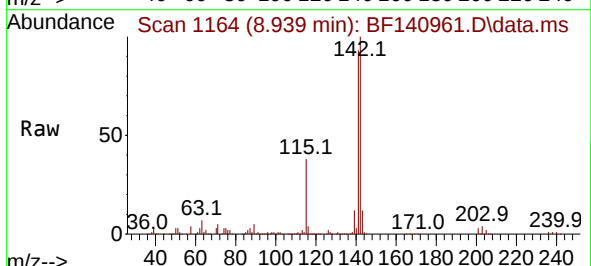
Acq: 23 Dec 2024 10:44

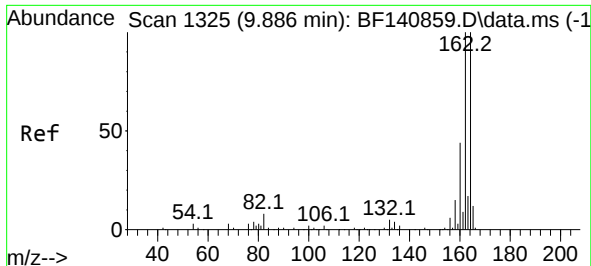
Tgt Ion:142 Resp: 303218

Ion Ratio Lower Upper

142 100

141 92.8 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

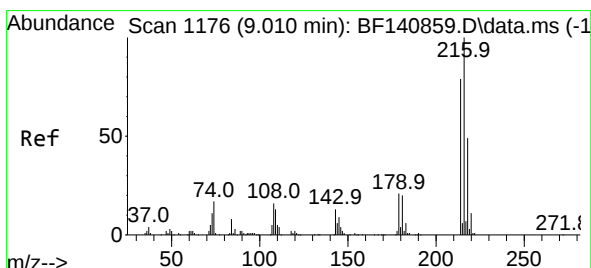
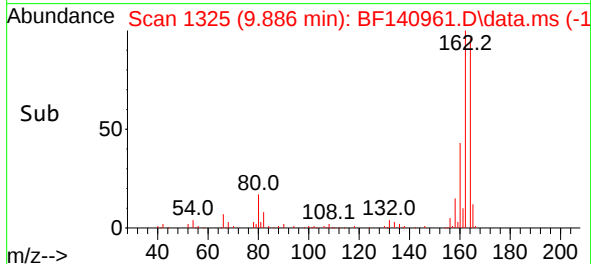
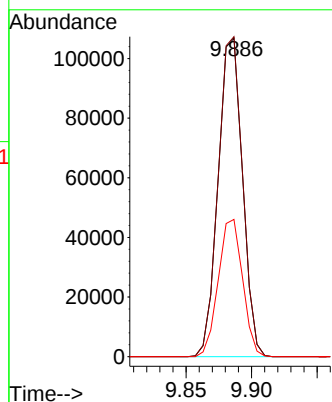
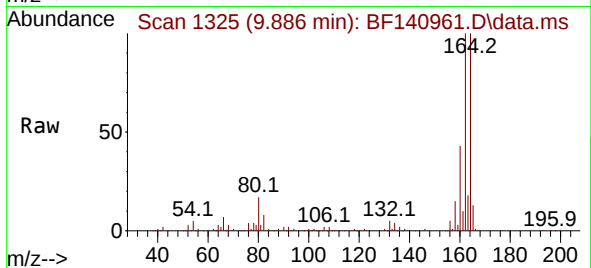
Tgt Ion:164 Resp: 137764

Ion Ratio Lower Upper

164 100

162 100.5 79.9 119.9

160 43.1 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.409 ng

RT: 9.010 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Tgt Ion:216 Resp: 158404

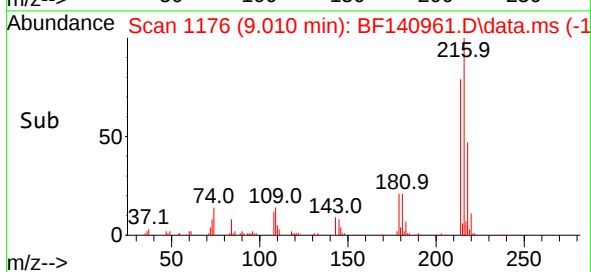
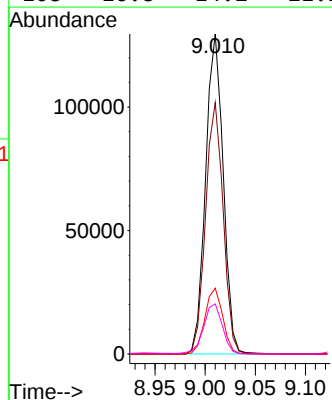
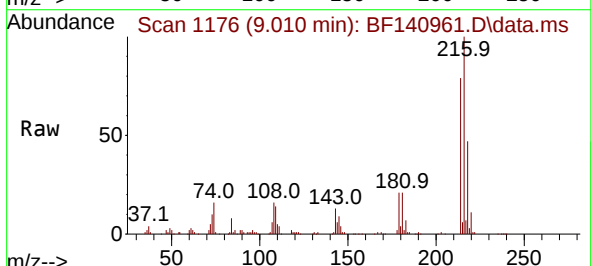
Ion Ratio Lower Upper

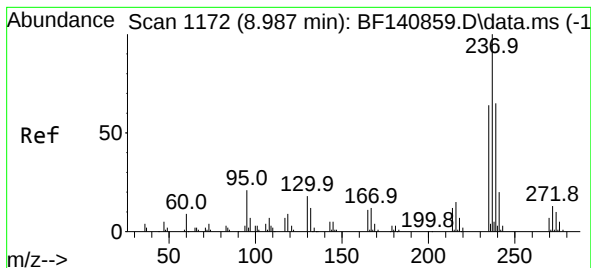
216 100

214 78.4 63.6 95.4

179 20.8 17.0 25.4

108 16.8 14.2 21.2





#41

Hexachlorocyclopentadiene

Concen: 33.507 ng

RT: 8.987 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

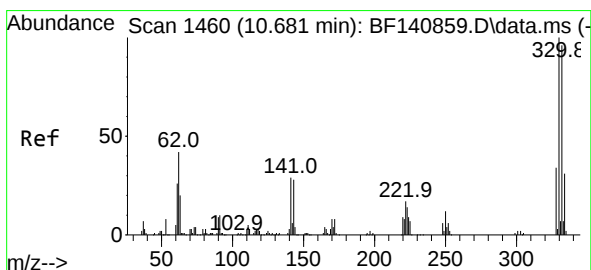
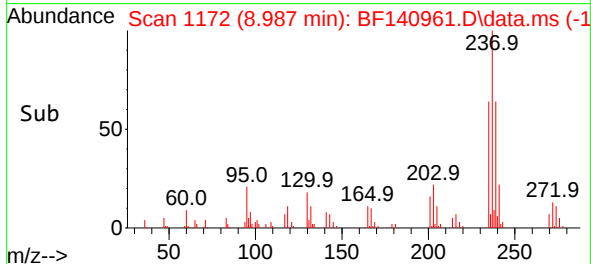
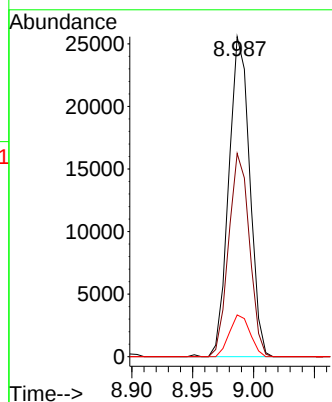
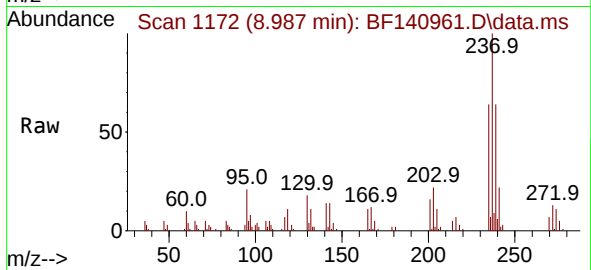
Tgt Ion:237 Resp: 30626

Ion Ratio Lower Upper

237 100

235 63.5 43.7 83.7

272 13.0 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 66.322 ng

RT: 10.681 min Scan# 1460

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

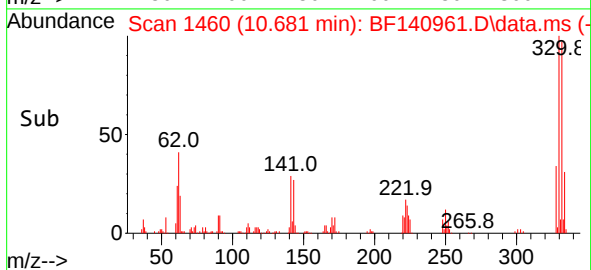
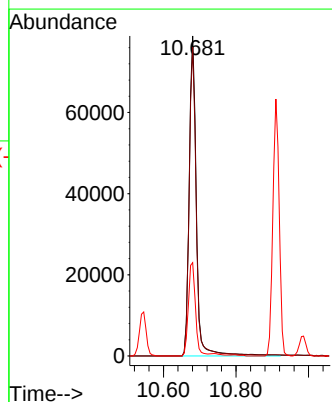
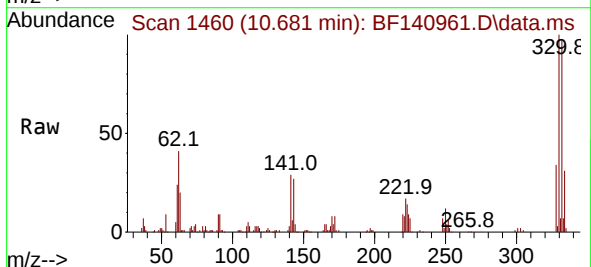
Tgt Ion:330 Resp: 108062

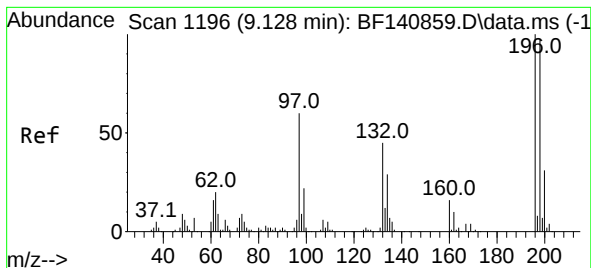
Ion Ratio Lower Upper

330 100

332 95.0 76.2 114.4

141 28.8 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 34.669 ng

RT: 9.134 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

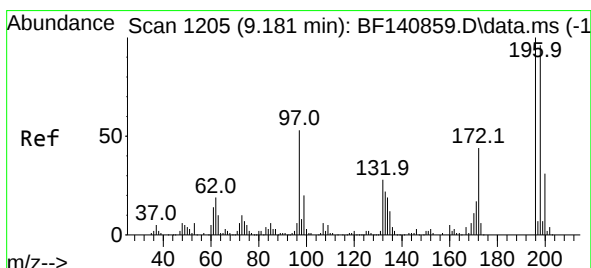
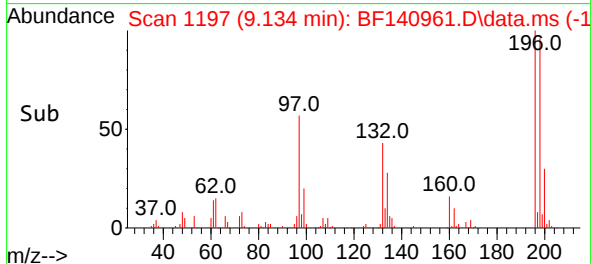
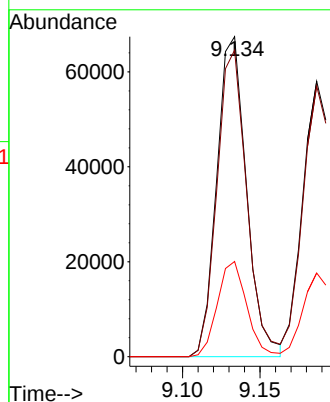
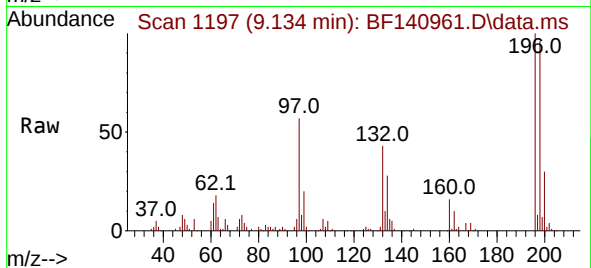
Tgt Ion:196 Resp: 89889

Ion Ratio Lower Upper

196 100

198 95.8 77.4 116.0

200 29.8 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 33.174 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Tgt Ion:196 Resp: 94539

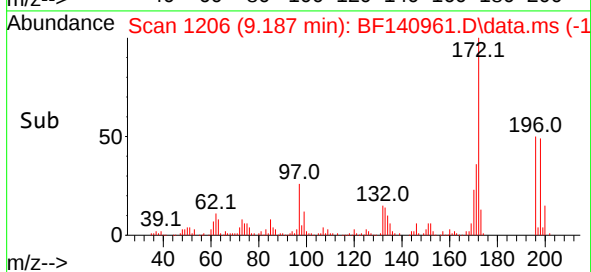
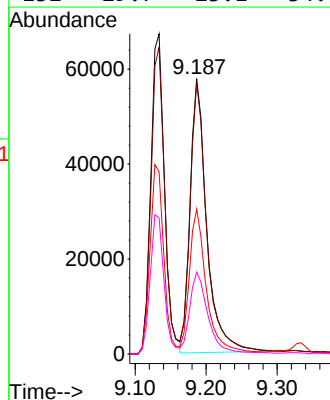
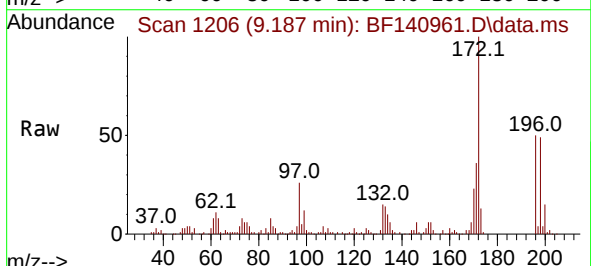
Ion Ratio Lower Upper

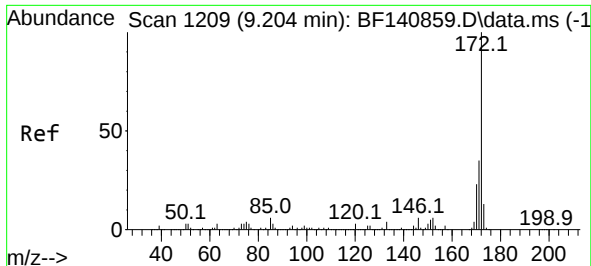
196 100

198 98.3 77.2 115.8

97 52.7 42.2 63.4

132 29.7 23.1 34.7

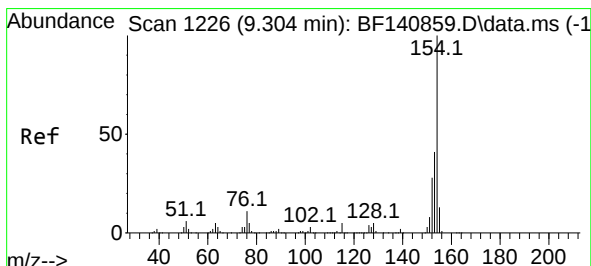
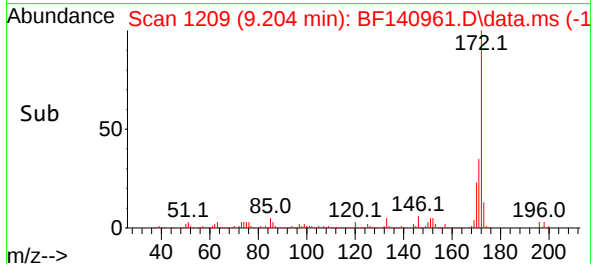
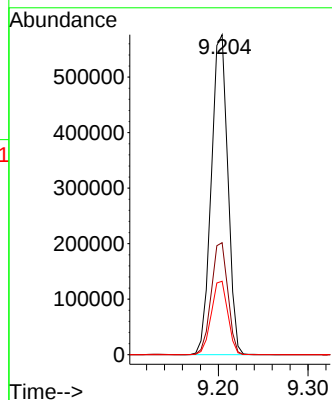
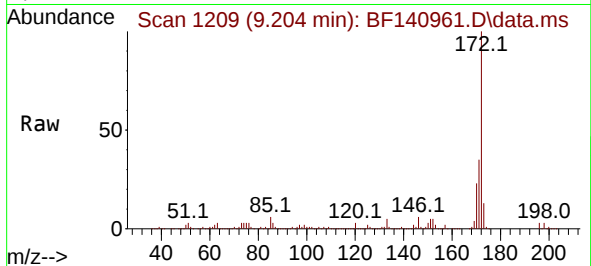




#45
2-Fluorobiphenyl
Concen: 73.579 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

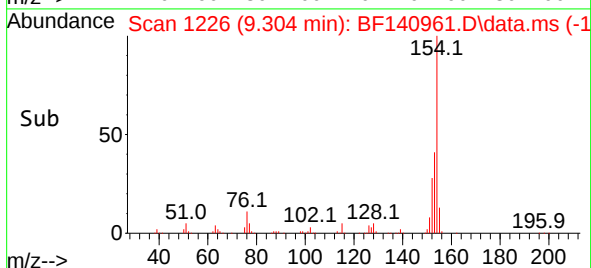
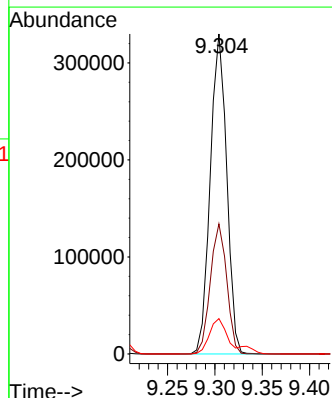
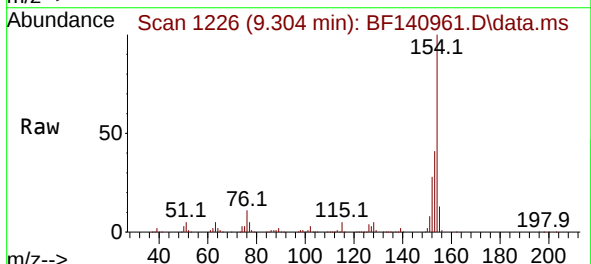
Instrument :
BNA_F
ClientSampleId :

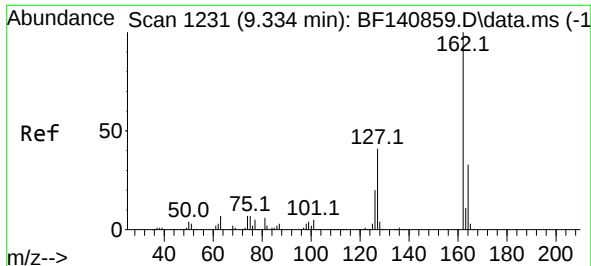
Tgt Ion:172 Resp: 737279
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 22.9 18.6 28.0



#46
1,1'-Biphenyl
Concen: 36.248 ng
RT: 9.304 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Tgt Ion:154 Resp: 397084
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 11.1 0.0 31.0





#47

2-Chloronaphthalene

Concen: 36.145 ng

RT: 9.334 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

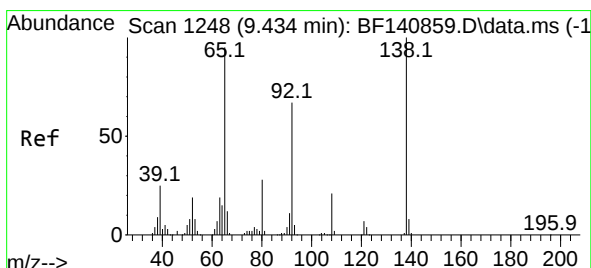
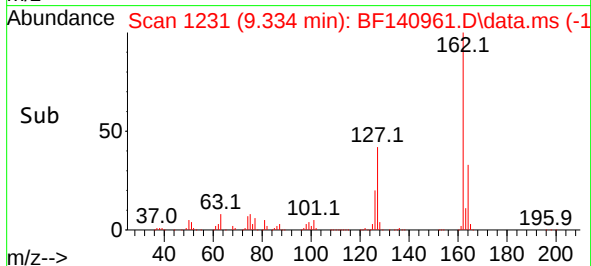
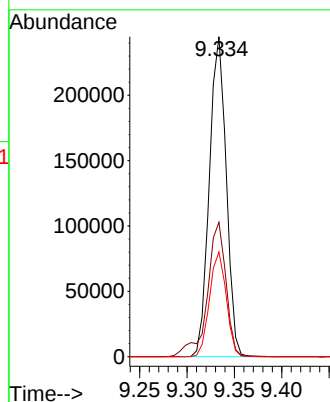
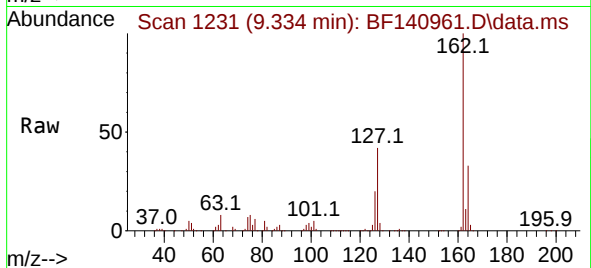
Tgt Ion:162 Resp: 302916

Ion Ratio Lower Upper

162 100

127 42.0 33.5 50.3

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 33.354 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

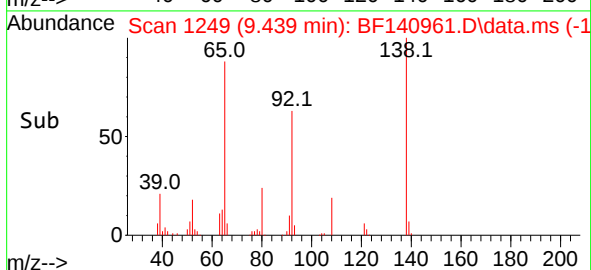
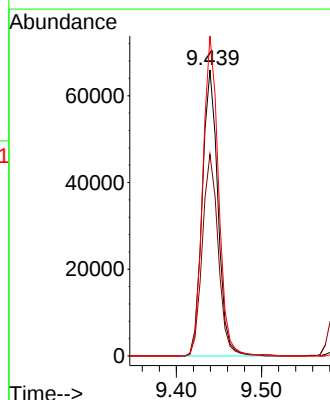
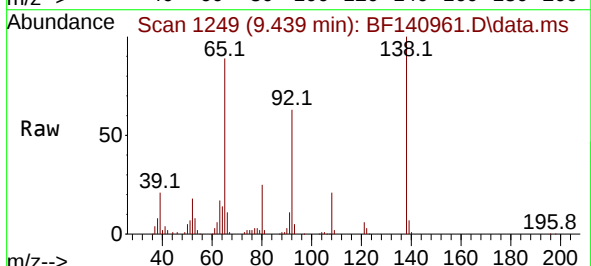
Tgt Ion: 65 Resp: 84420

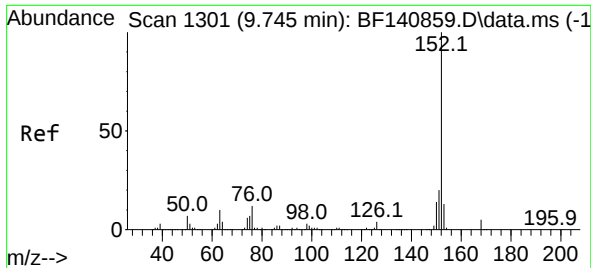
Ion Ratio Lower Upper

65 100

92 70.5 56.3 84.5

138 111.9 83.8 125.6

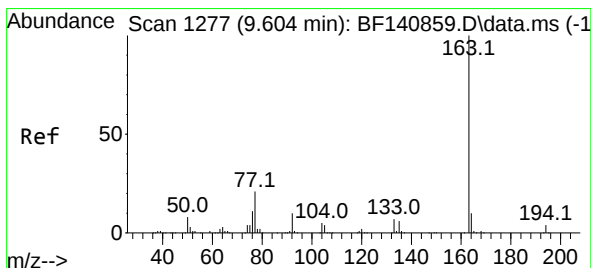
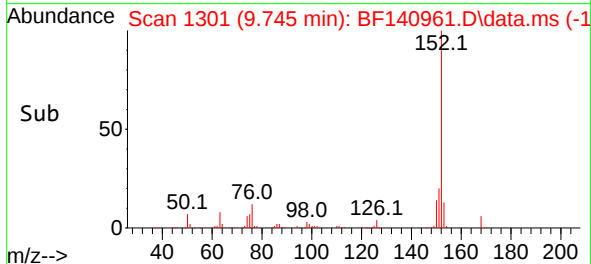
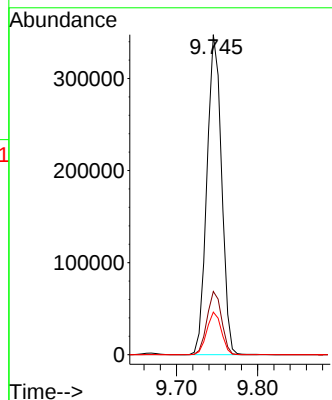
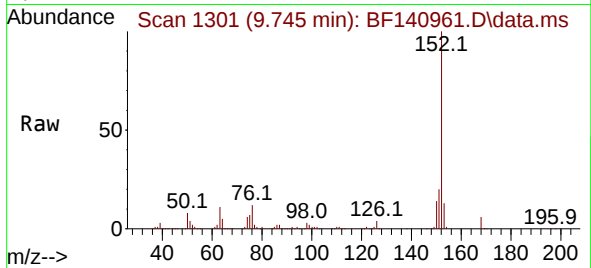




#49
Acenaphthylene
Concen: 35.228 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

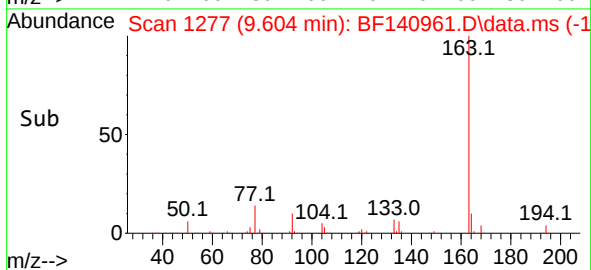
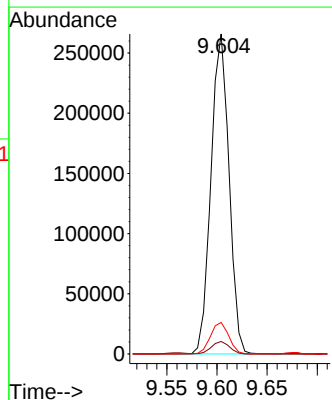
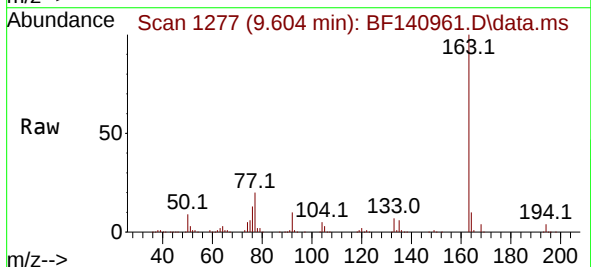
Instrument :
BNA_F
ClientSampleId :

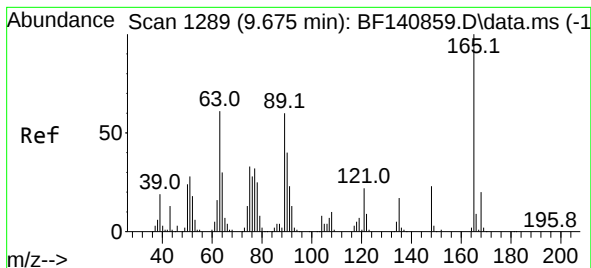
Tgt Ion:152 Resp: 433861
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.3 10.6 16.0



#50
Dimethylphthalate
Concen: 34.193 ng
RT: 9.604 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Tgt Ion:163 Resp: 332107
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.9 8.1 12.1

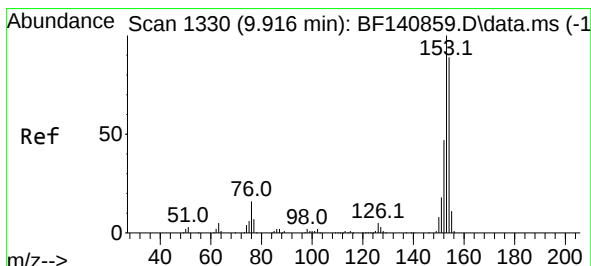
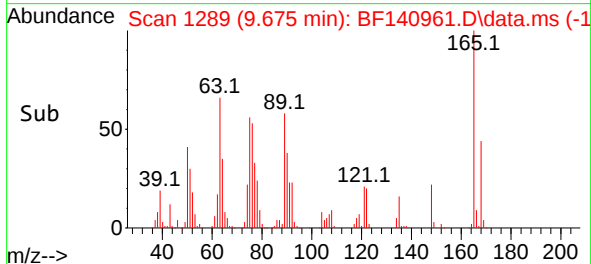
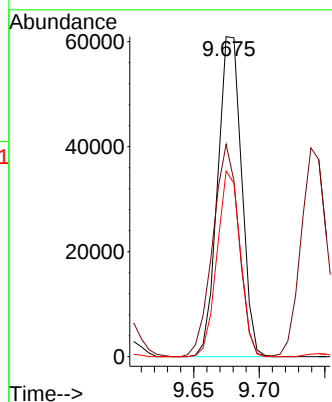
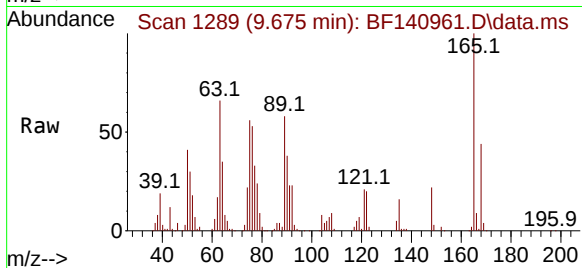




#51
2,6-Dinitrotoluene
Concen: 34.798 ng
RT: 9.675 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

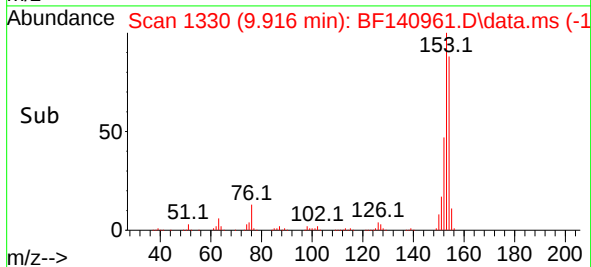
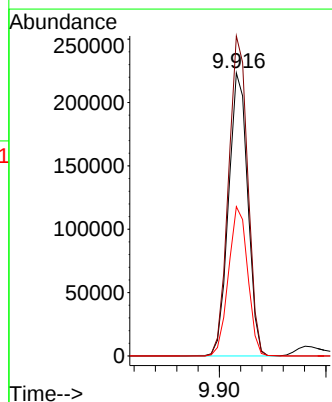
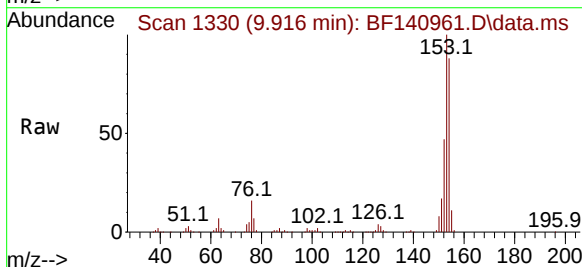
Instrument :
BNA_F
ClientSampleId :

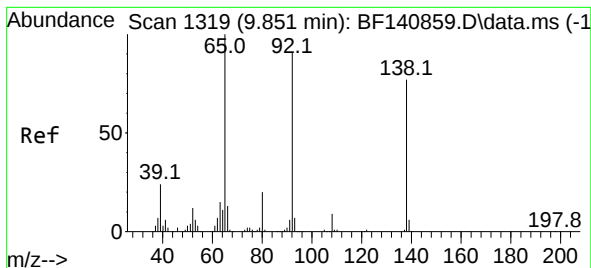
Tgt Ion:165 Resp: 77266
Ion Ratio Lower Upper
165 100
63 66.4 49.7 74.5
89 58.0 48.2 72.4



#52
Acenaphthene
Concen: 35.539 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Tgt Ion:154 Resp: 279589
Ion Ratio Lower Upper
154 100
153 113.1 89.9 134.9
152 52.8 42.6 63.8





#53

3-Nitroaniline

Concen: 33.016 ng

RT: 9.851 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

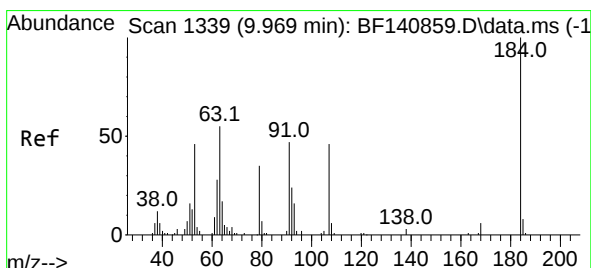
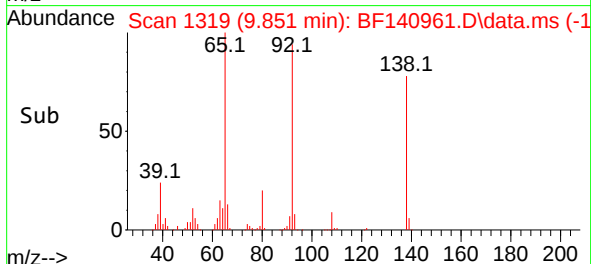
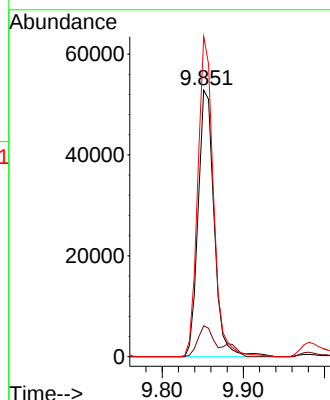
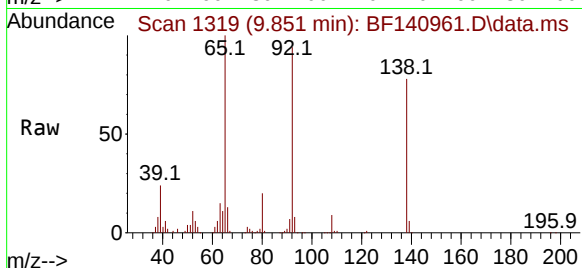
Tgt Ion:138 Resp: 72752

Ion Ratio Lower Upper

138 100

108 11.6 9.0 13.4

92 120.1 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 30.314 ng

RT: 9.981 min Scan# 1341

Delta R.T. 0.012 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

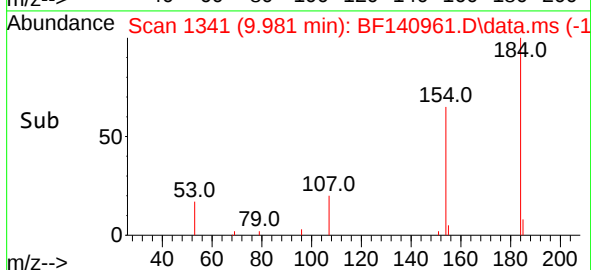
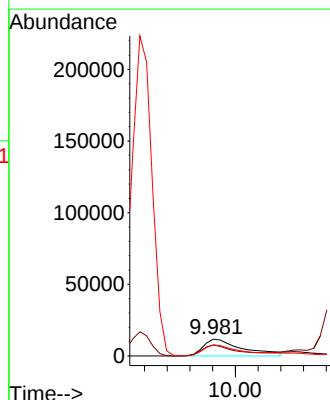
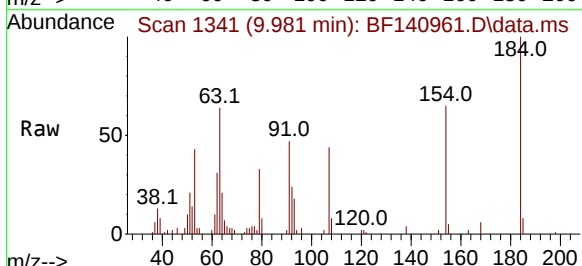
Tgt Ion:184 Resp: 28049

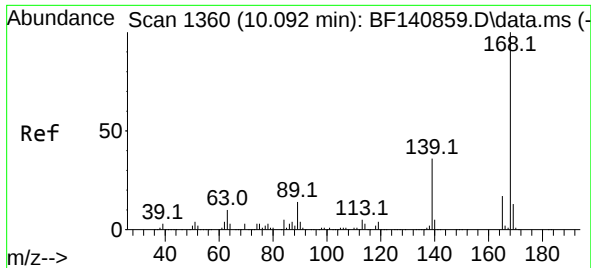
Ion Ratio Lower Upper

184 100

63 64.3 51.6 77.4

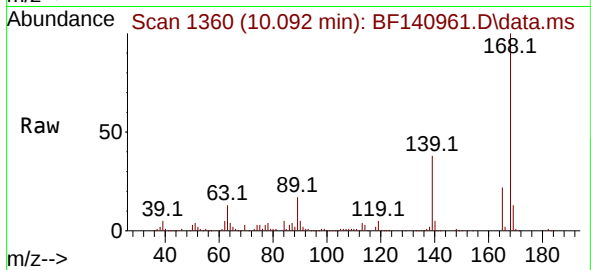
154 65.3 56.1 84.1



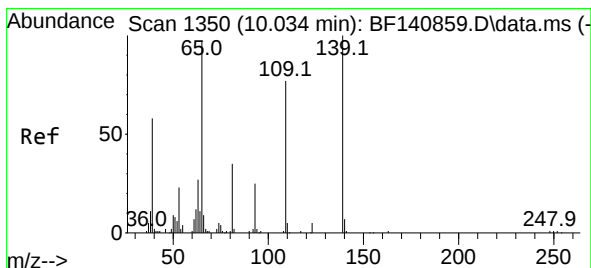
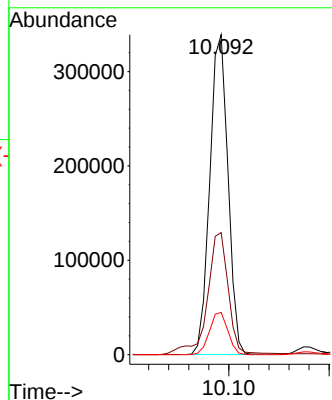
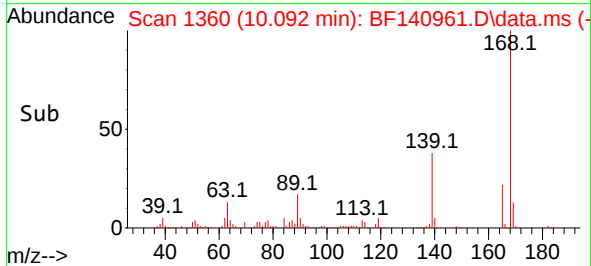


#55
Dibenzofuran
Concen: 35.010 ng
RT: 10.092 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Instrument :
BNA_F
ClientSampleId :

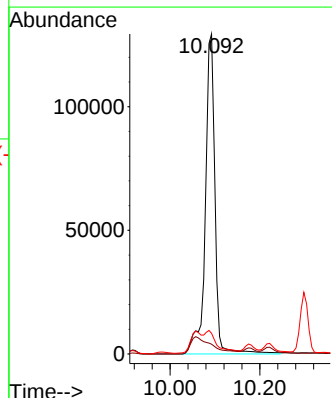
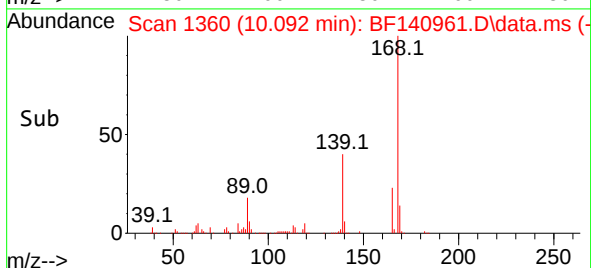
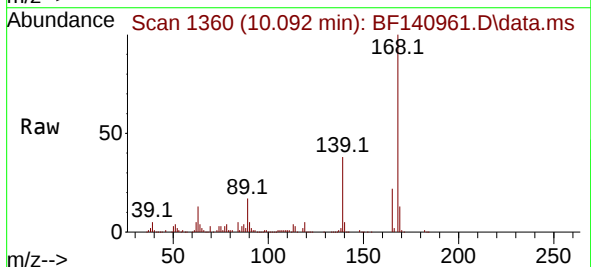


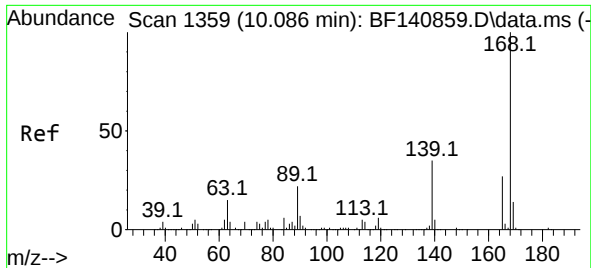
Tgt Ion:168 Resp: 426793
Ion Ratio Lower Upper
168 100
139 38.2 31.1 46.7
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 158.741 ng
RT: 10.092 min Scan# 1360
Delta R.T. 0.058 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Tgt Ion:139 Resp: 193638
Ion Ratio Lower Upper
139 100
109 3.0 56.7 96.7#
65 6.5 78.1 118.1#

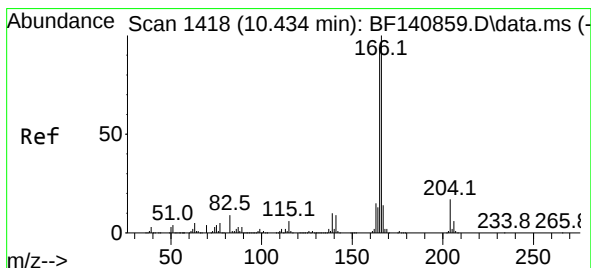
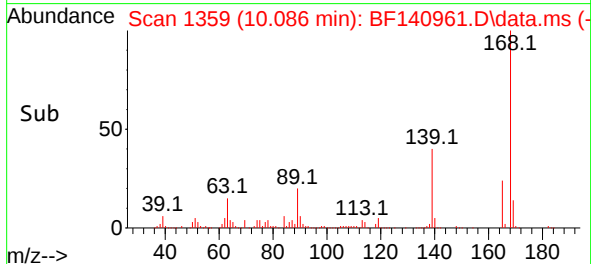
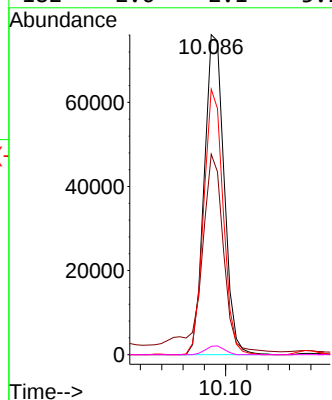
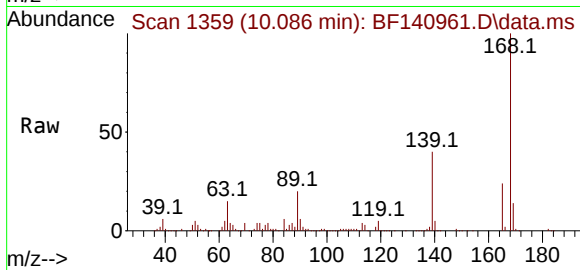




#57
2,4-Dinitrotoluene
Concen: 33.831 ng
RT: 10.086 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

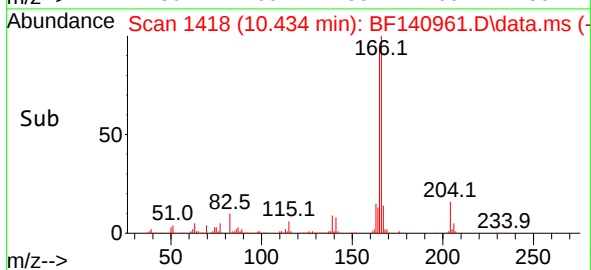
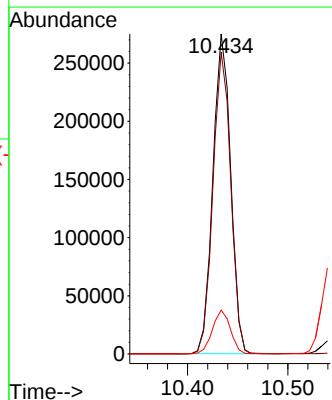
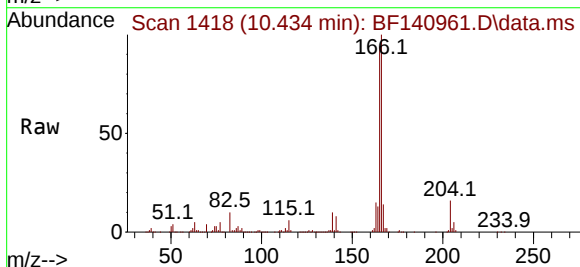
Instrument :
BNA_F
ClientSampleId :

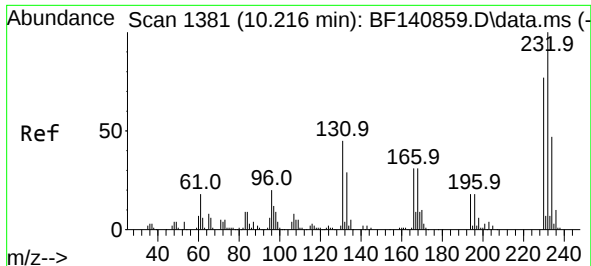
Tgt Ion:	165	Resp:	98835
Ion Ratio	Lower	Upper	
165	100		
63	62.7	49.3	73.9
89	82.9	66.2	99.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 33.666 ng
RT: 10.434 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

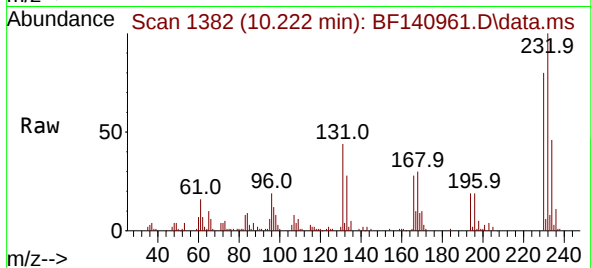
Tgt Ion:	166	Resp:	338579
Ion Ratio	Lower	Upper	
166	100		
165	94.3	75.1	112.7
167	13.7	11.1	16.7



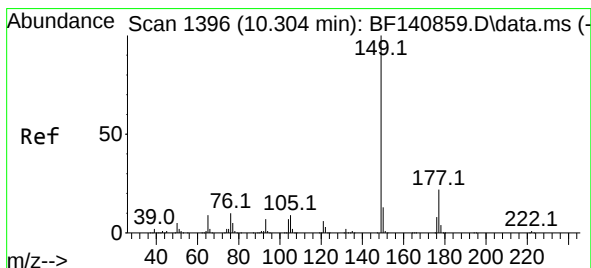
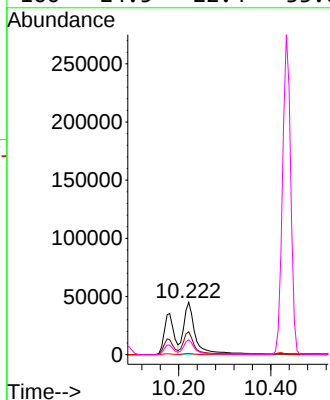
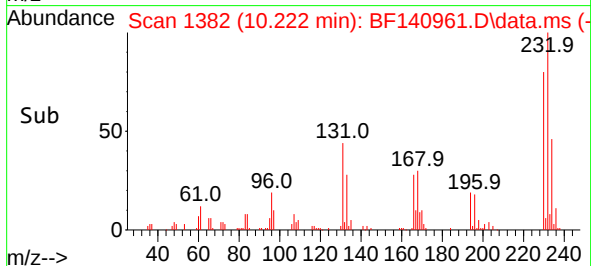


#59
2,3,4,6-Tetrachlorophenol
Concen: 33.631 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

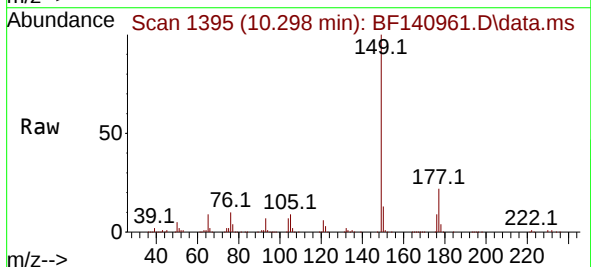
Instrument :
BNA_F
ClientSampleId :



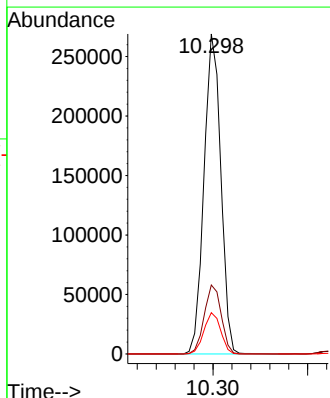
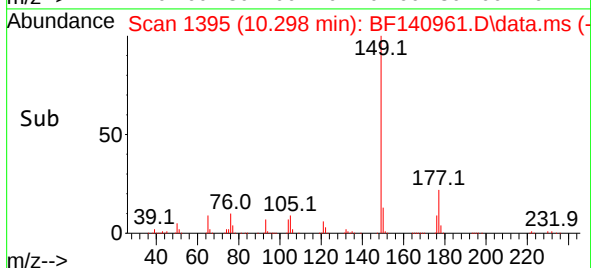
Tgt Ion:232 Resp: 78098
Ion Ratio Lower Upper
232 100
131 39.9 35.1 52.7
130 2.1 1.8 2.8
166 24.5 22.4 33.6

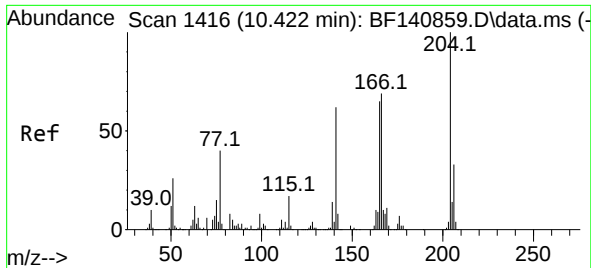


#60
Diethylphthalate
Concen: 32.985 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44



Tgt Ion:149 Resp: 332211
Ion Ratio Lower Upper
149 100
177 21.6 17.2 25.8
150 12.9 10.1 15.1

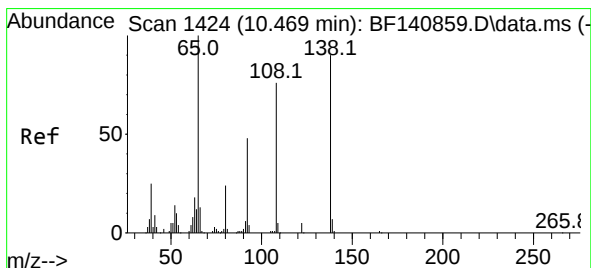
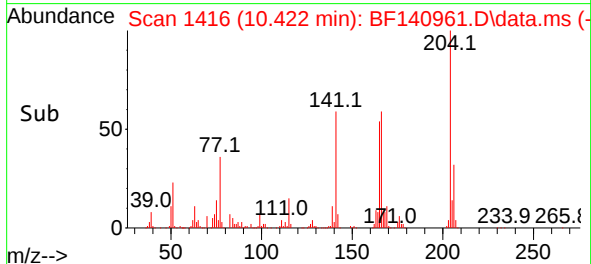
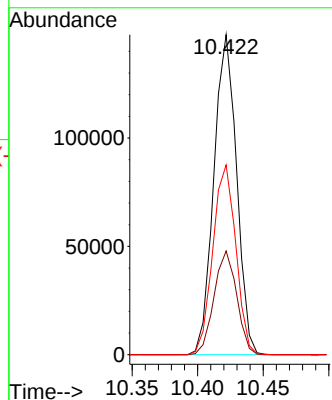
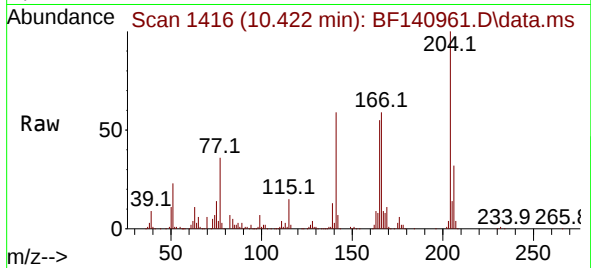




#61
4-Chlorophenyl-phenylether
Concen: 35.220 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

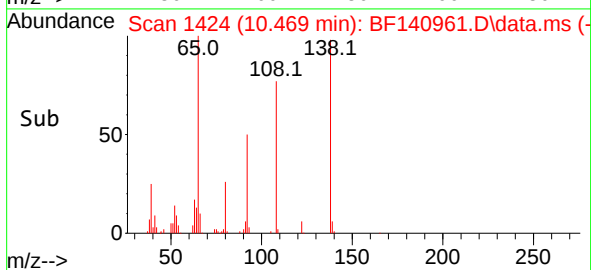
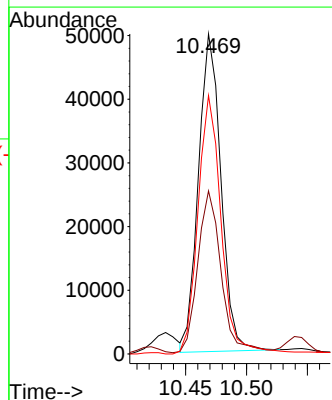
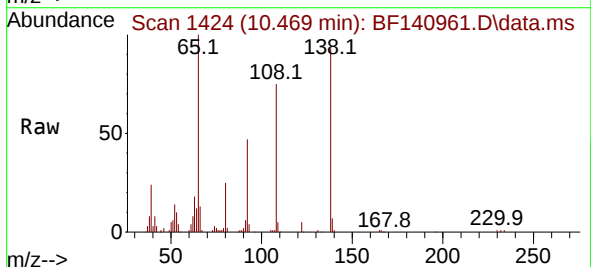
Instrument :
BNA_F
ClientSampleId :

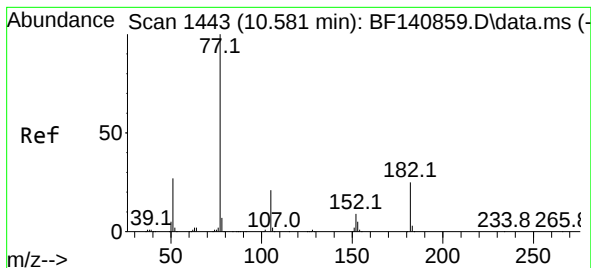
Tgt Ion:204 Resp: 177925
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 59.3 50.0 75.0



#62
4-Nitroaniline
Concen: 27.871 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Tgt Ion:138 Resp: 64177
Ion Ratio Lower Upper
138 100
92 51.0 32.6 72.6
108 80.8 64.1 104.1





#63

Azobenzene

Concen: 32.414 ng

RT: 10.581 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 306914

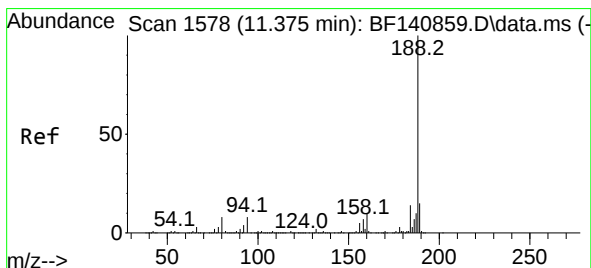
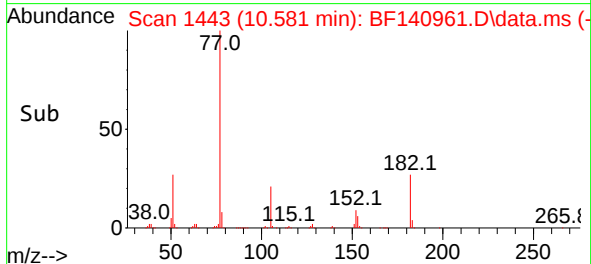
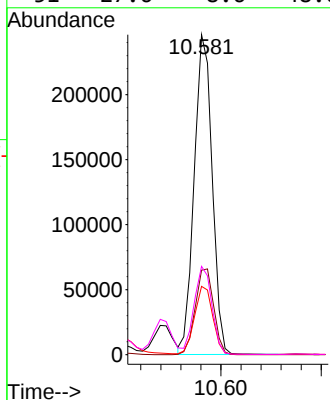
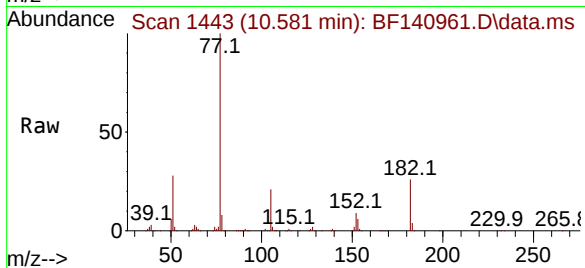
Ion Ratio Lower Upper

77 100

182 26.4 4.5 44.5

105 21.3 0.9 40.9

51 27.6 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

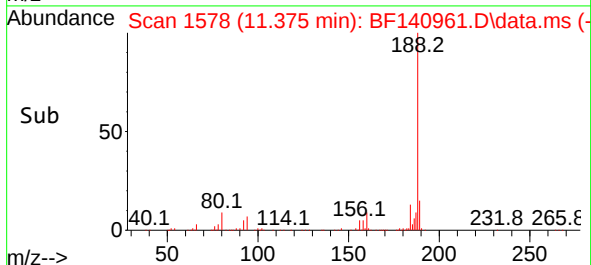
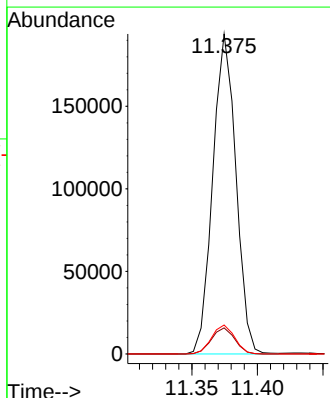
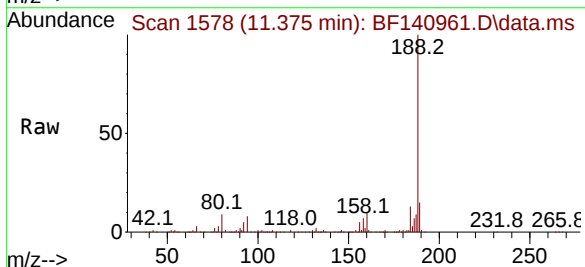
Tgt Ion: 188 Resp: 237772

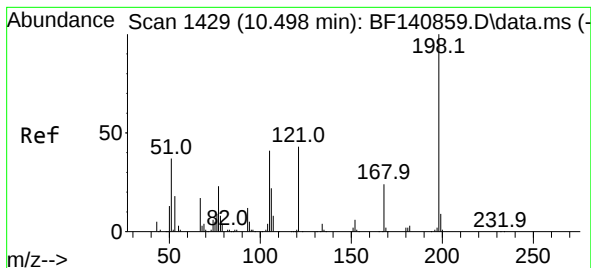
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 9.1 6.8 10.2

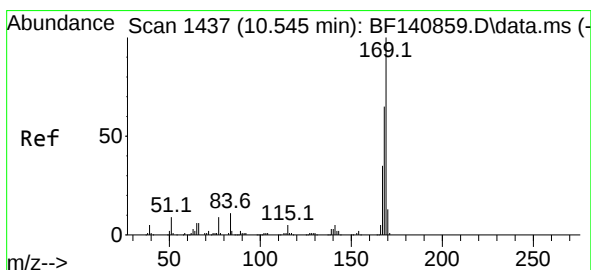
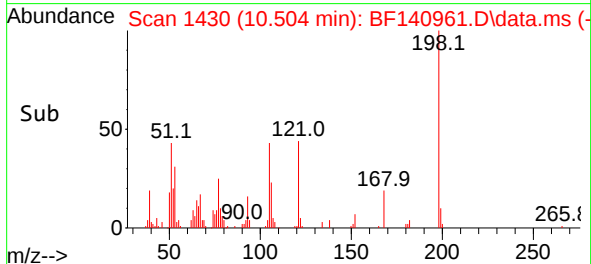
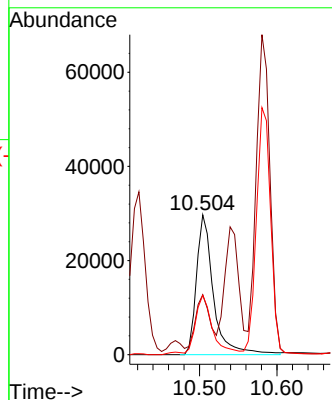
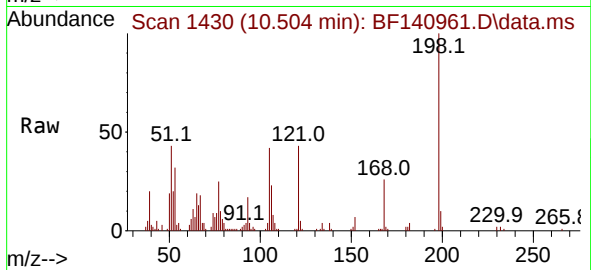




#65
4,6-Dinitro-2-methylphenol
Concen: 33.519 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

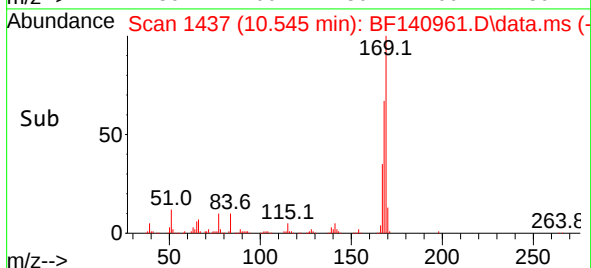
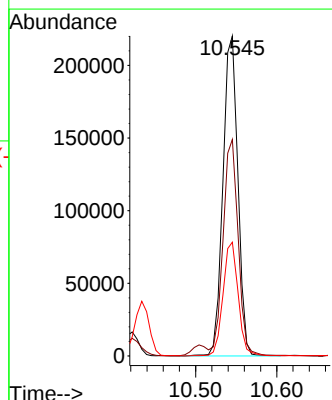
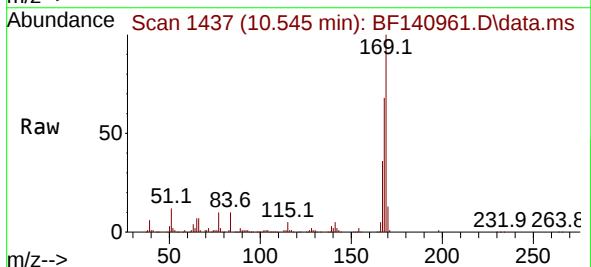
Instrument :
BNA_F
ClientSampleId :

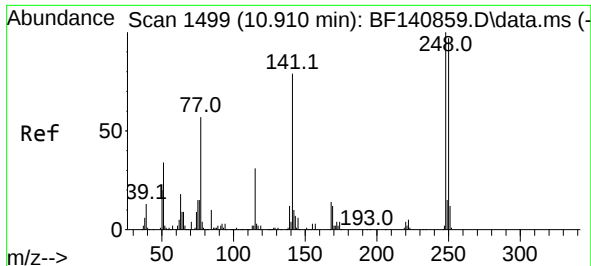
Tgt Ion:198 Resp: 45162
Ion Ratio Lower Upper
198 100
51 42.9 24.4 64.4
105 42.5 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 38.617 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

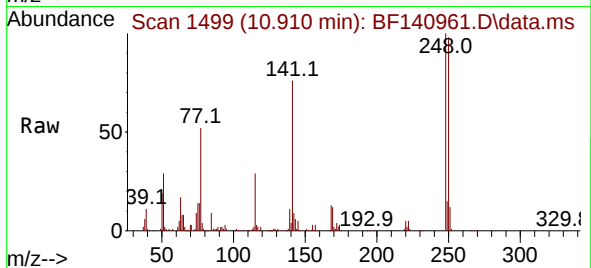
Tgt Ion:169 Resp: 282306
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.0
167 35.6 28.3 42.5



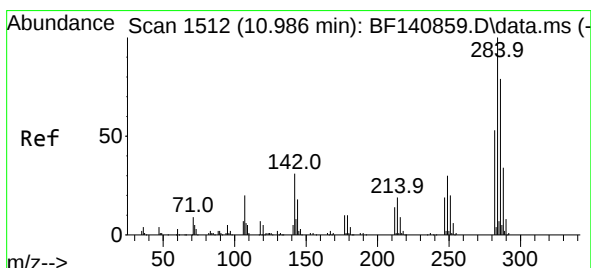
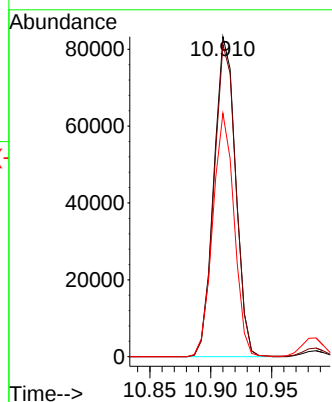
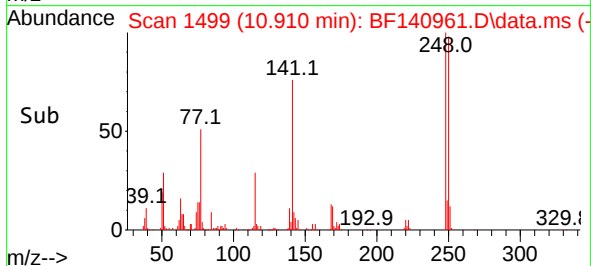


#67
4-Bromophenyl-phenylether
Concen: 38.849 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

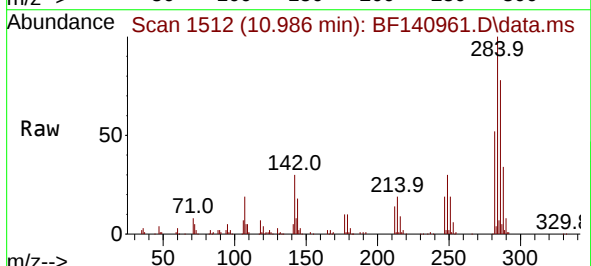
Instrument :
BNA_F
ClientSampleId :



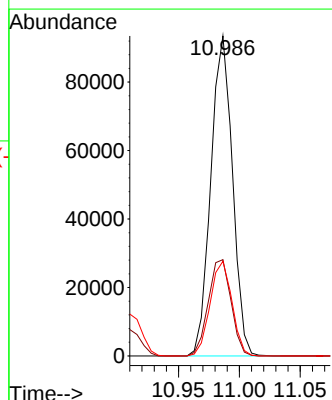
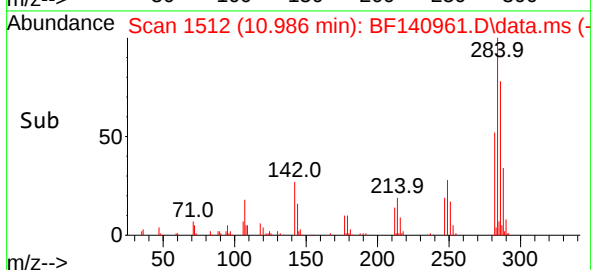
Tgt Ion:248 Resp: 103340
Ion Ratio Lower Upper
248 100
250 97.6 77.4 116.2
141 76.1 62.9 94.3

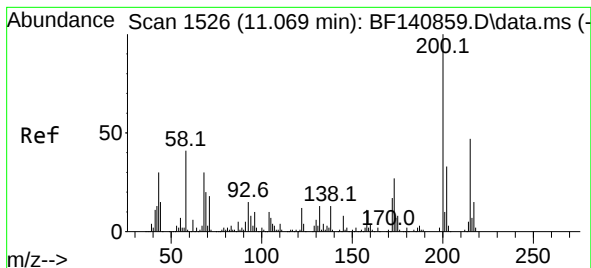


#68
Hexachlorobenzene
Concen: 38.268 ng
RT: 10.986 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44



Tgt Ion:284 Resp: 115413
Ion Ratio Lower Upper
284 100
142 30.1 24.6 36.8
249 29.6 24.3 36.5





#69

Atrazine

Concen: 32.562 ng

RT: 11.069 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

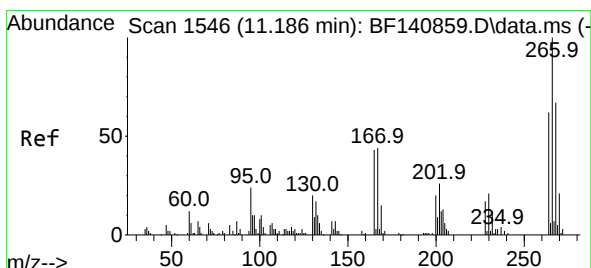
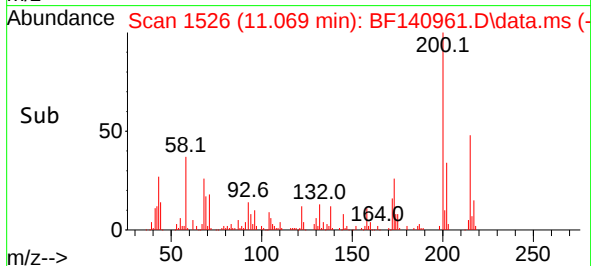
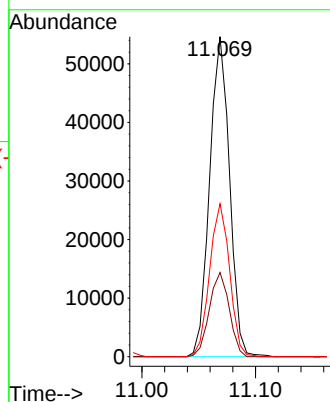
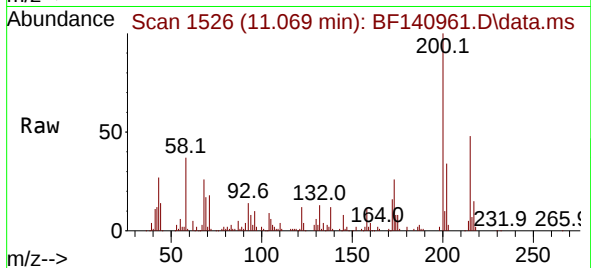
Tgt Ion:200 Resp: 66483

Ion Ratio Lower Upper

200 100

173 26.3 6.6 46.6

215 47.8 26.7 66.7



#70

Pentachlorophenol

Concen: 29.221 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.012 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

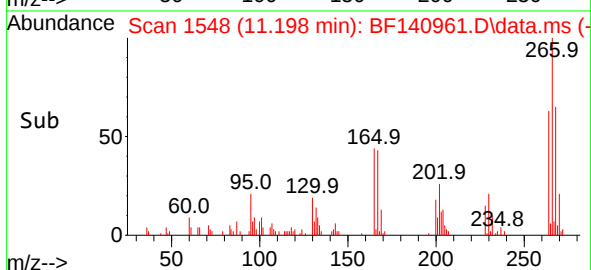
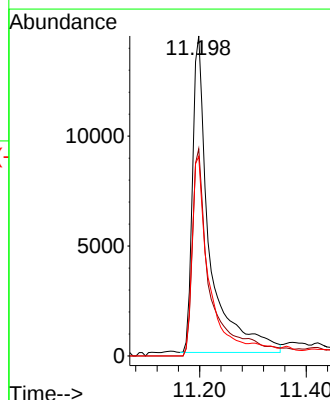
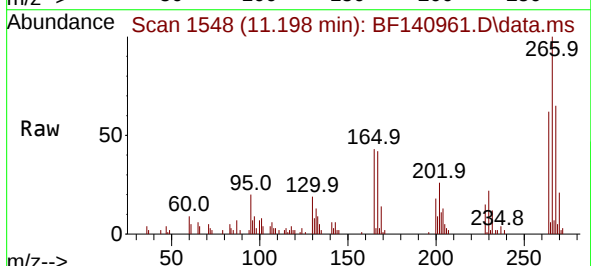
Tgt Ion:266 Resp: 32220

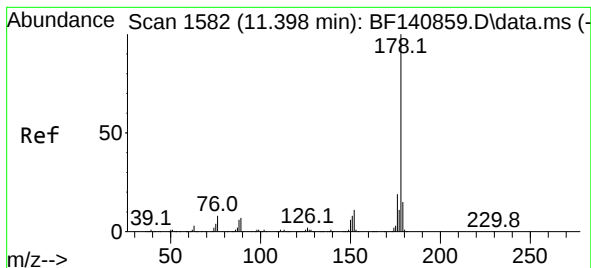
Ion Ratio Lower Upper

266 100

268 64.7 54.0 81.0

264 62.4 49.4 74.2





#71

Phenanthrene

Concen: 35.830 ng

RT: 11.398 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

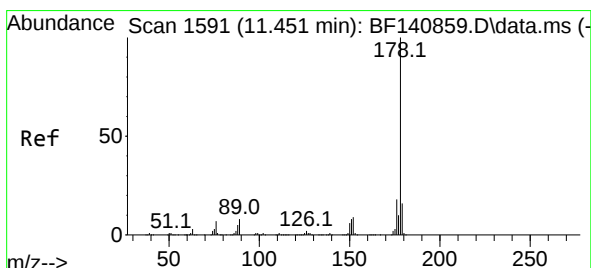
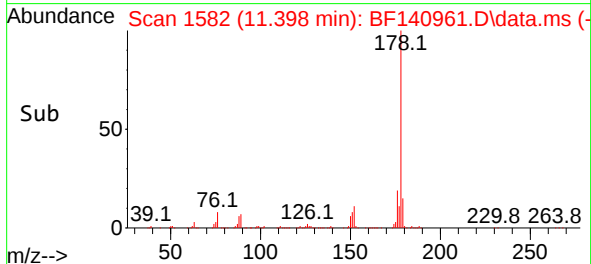
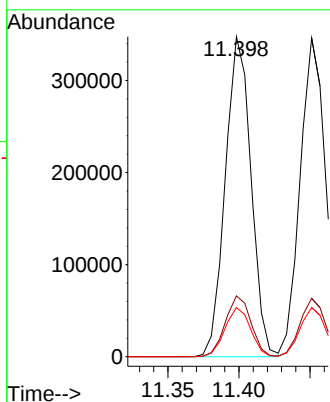
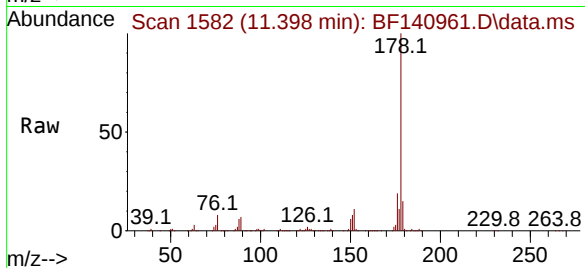
Tgt Ion:178 Resp: 438097

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.4 12.1 18.1



#72

Anthracene

Concen: 35.861 ng

RT: 11.451 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

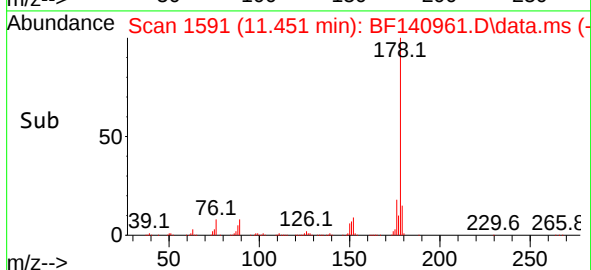
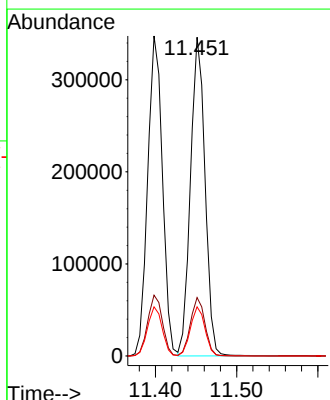
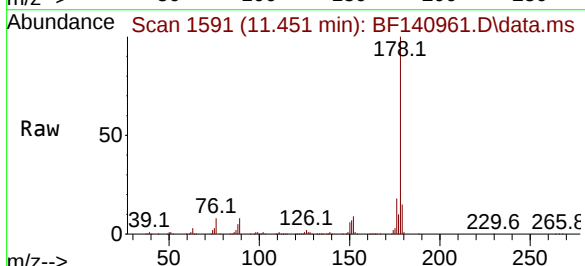
Tgt Ion:178 Resp: 431817

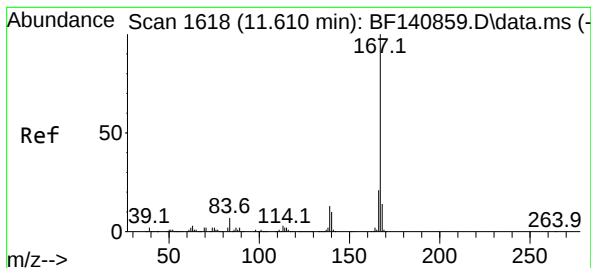
Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

179 15.4 12.6 18.8





#73

Carbazole

Concen: 33.268 ng

RT: 11.610 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

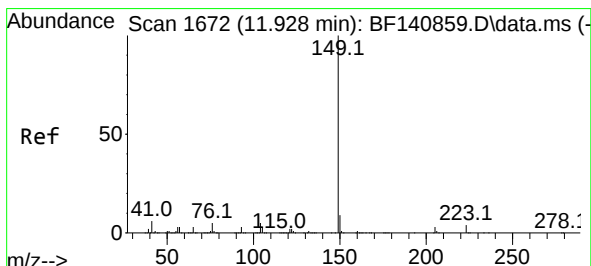
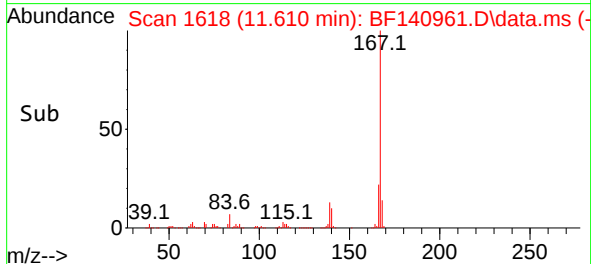
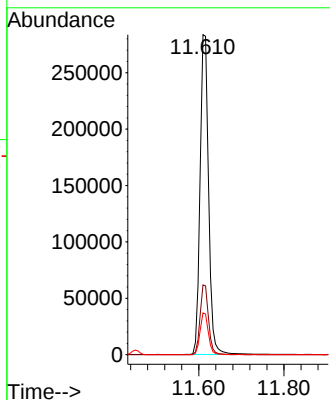
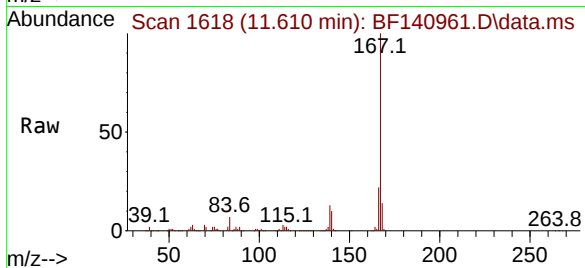
Tgt Ion:167 Resp: 392376

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.6

139 13.0 10.2 15.2



#74

Di-n-butylphthalate

Concen: 34.244 ng

RT: 11.928 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

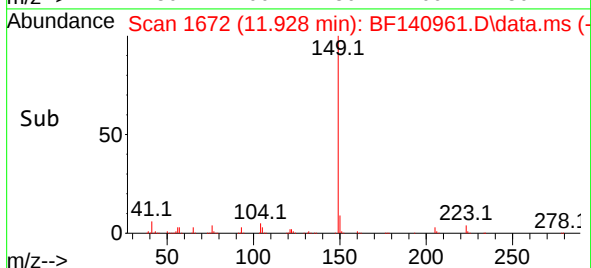
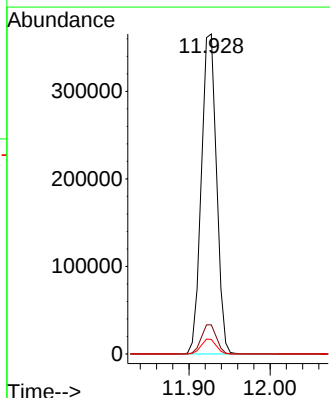
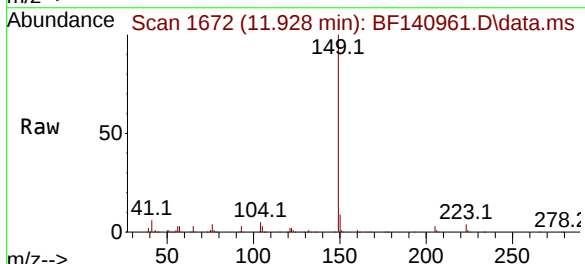
Tgt Ion:149 Resp: 474001

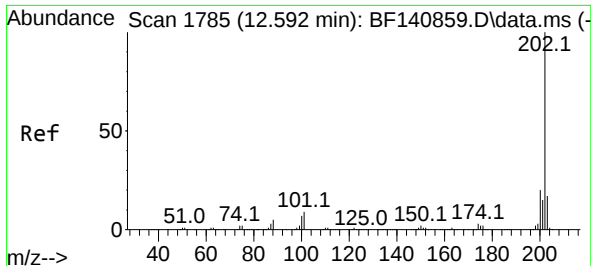
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

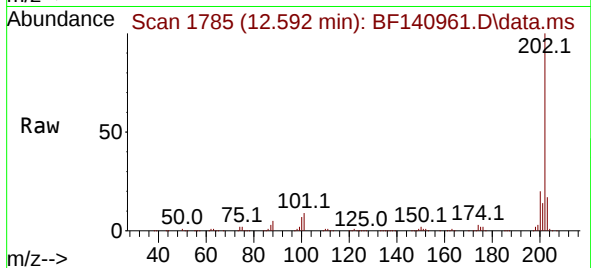
104 4.5 3.8 5.8



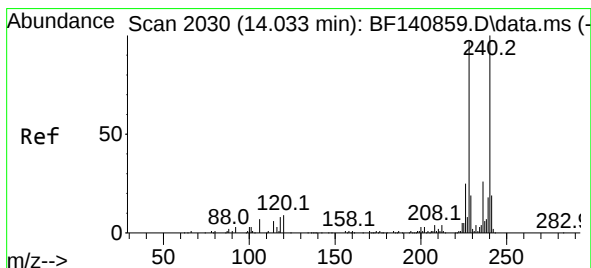
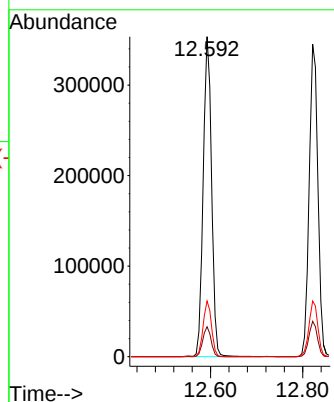


#75
Fluoranthene
Concen: 31.927 ng
RT: 12.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Instrument :
BNA_F
ClientSampleId :

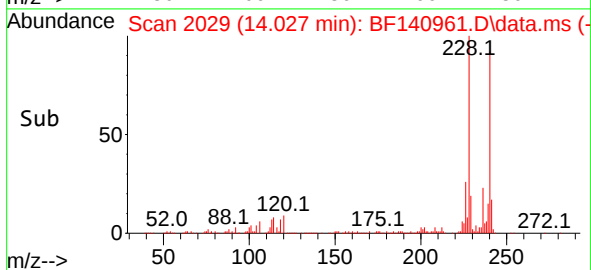
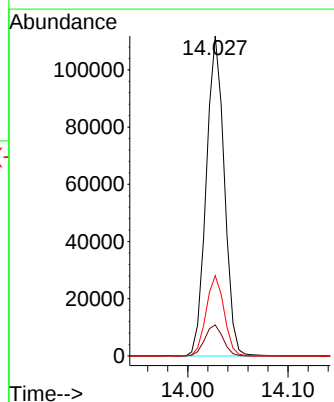
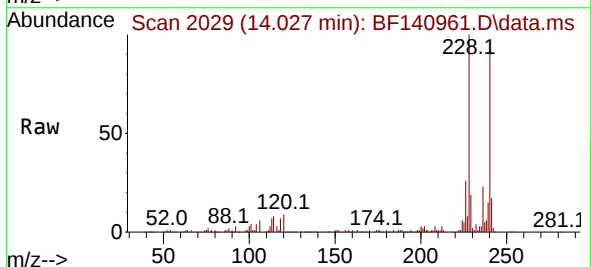


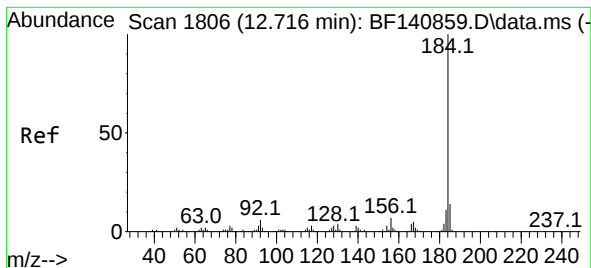
Tgt Ion:202 Resp: 449589
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.3
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Tgt Ion:240 Resp: 140294
Ion Ratio Lower Upper
240 100
120 9.7 7.6 11.4
236 25.1 20.5 30.7





#77

Benzidine

Concen: 24.374 ng

RT: 12.722 min Scan# 1807

Delta R.T. 0.006 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

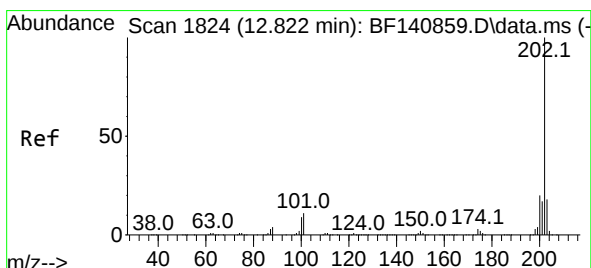
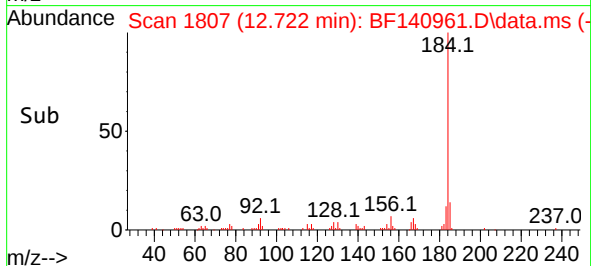
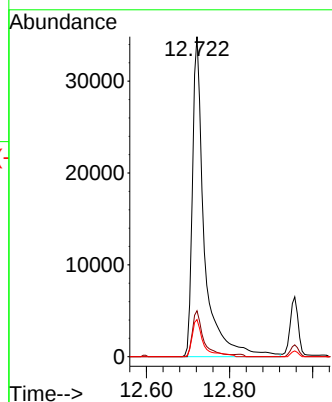
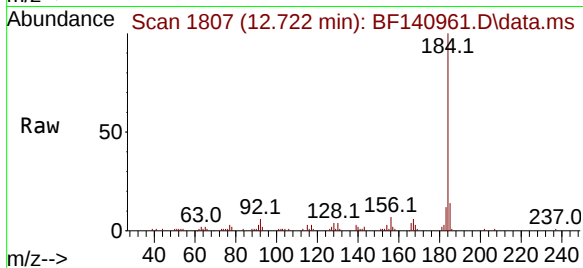
Tgt Ion:184 Resp: 69790

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

183 11.6 9.0 13.4



#78

Pyrene

Concen: 36.261 ng

RT: 12.822 min Scan# 1824

Delta R.T. 0.000 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

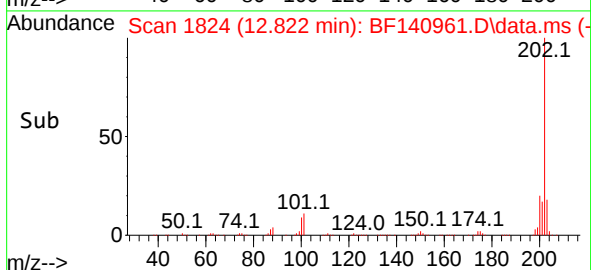
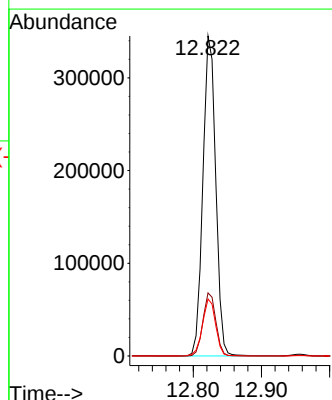
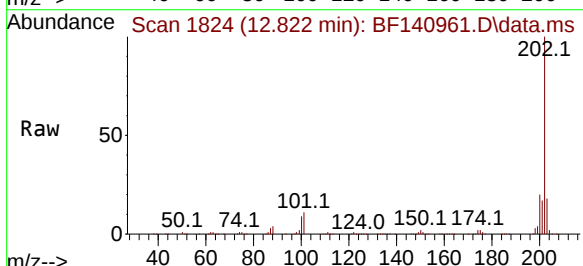
Tgt Ion:202 Resp: 452389

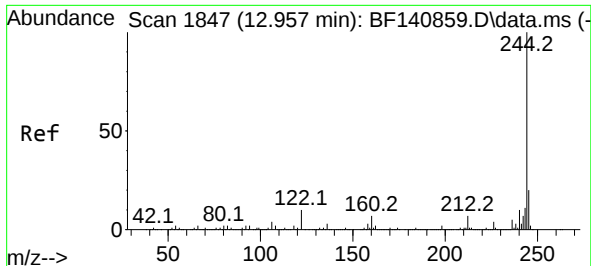
Ion Ratio Lower Upper

202 100

200 19.7 16.1 24.1

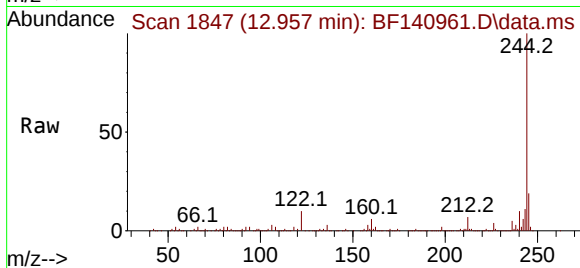
203 17.8 14.2 21.4



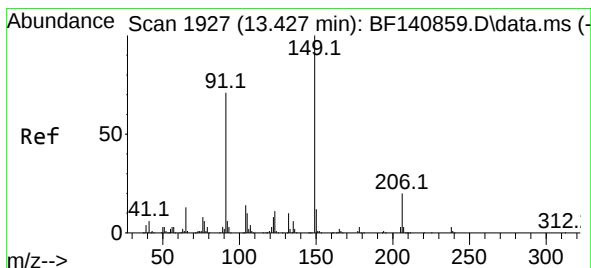
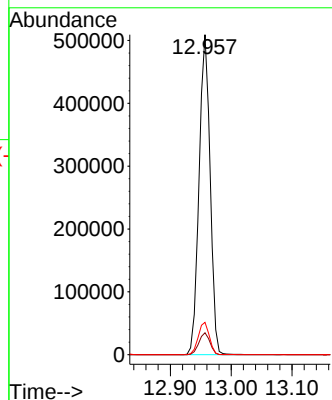
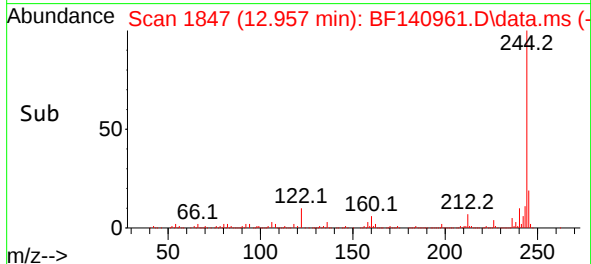


#79
 Terphenyl-d14
 Concen: 72.209 ng
 RT: 12.957 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: BF140961.D
 Acq: 23 Dec 2024 10:44

Instrument :
 BNA_F
 ClientSampleId :

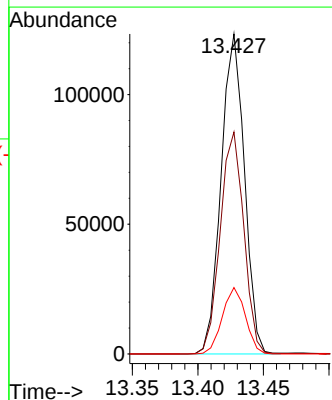
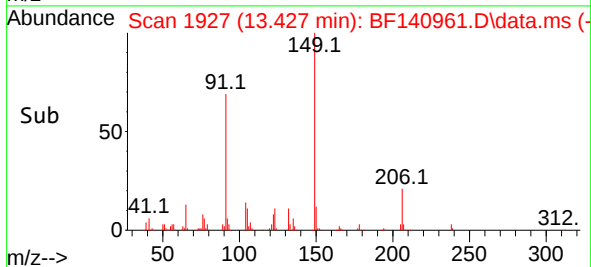
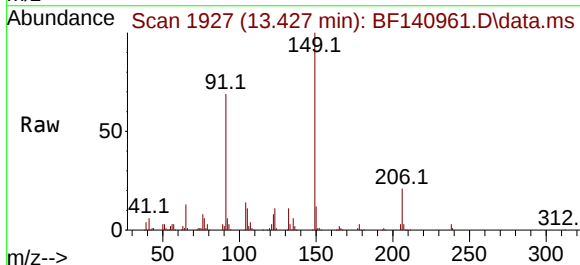


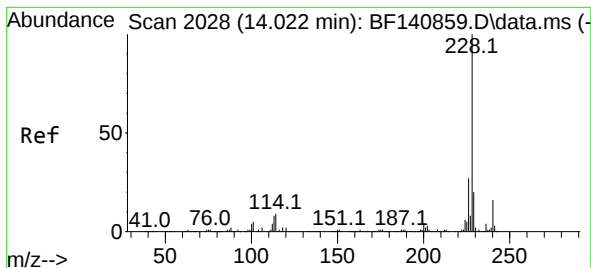
Tgt Ion:244 Resp: 642448
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.1 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 33.239 ng
 RT: 13.427 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: BF140961.D
 Acq: 23 Dec 2024 10:44

Tgt Ion:149 Resp: 152581
 Ion Ratio Lower Upper
 149 100
 91 69.3 56.7 85.1
 206 20.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 34.009 ng

RT: 14.016 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

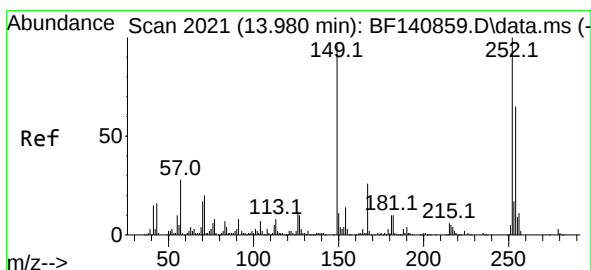
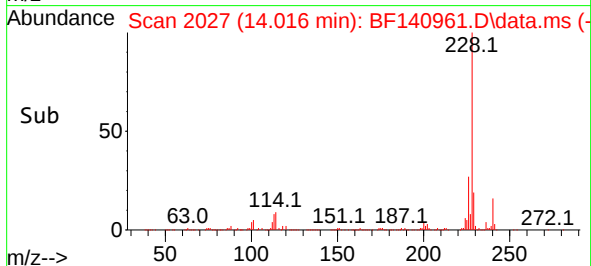
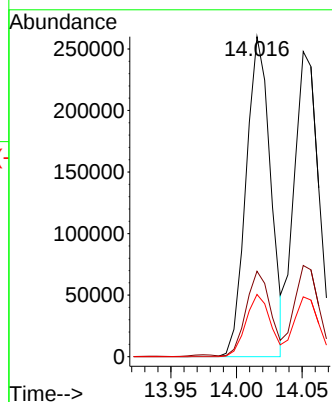
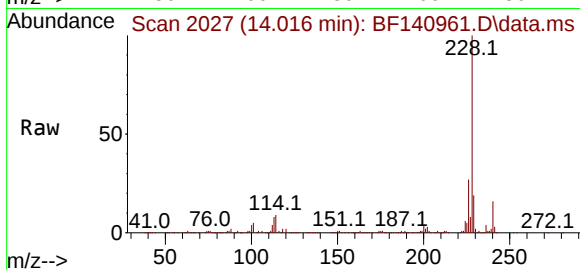
Tgt Ion:228 Resp: 338154

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

229 19.5 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 37.774 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

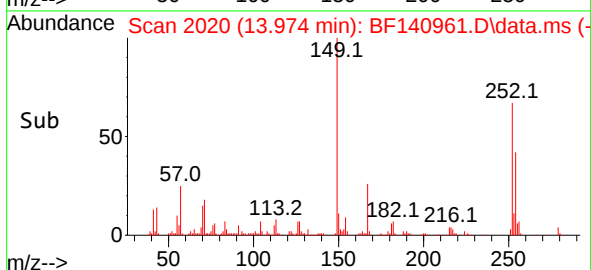
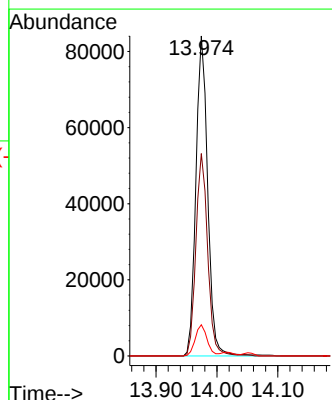
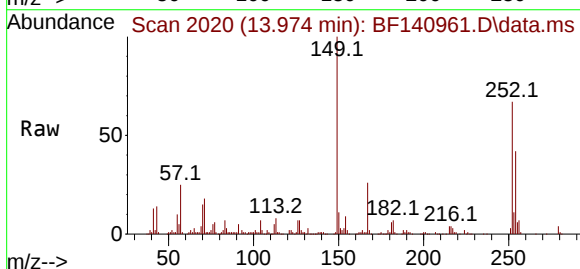
Tgt Ion:252 Resp: 113317

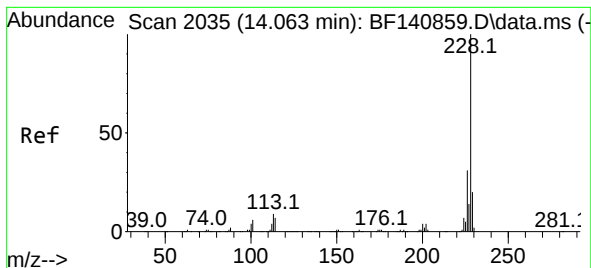
Ion Ratio Lower Upper

252 100

254 63.2 52.3 78.5

126 9.7 8.4 12.6





#83

Chrysene

Concen: 35.726 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

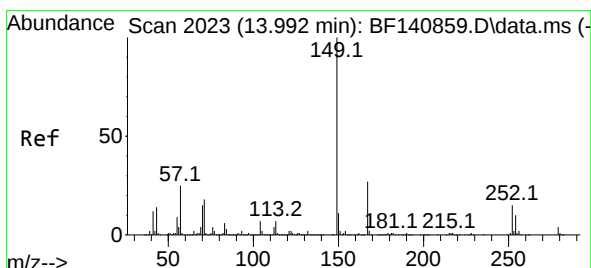
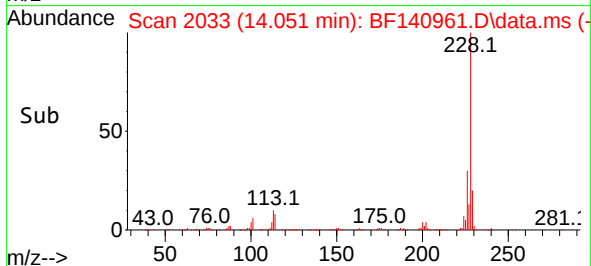
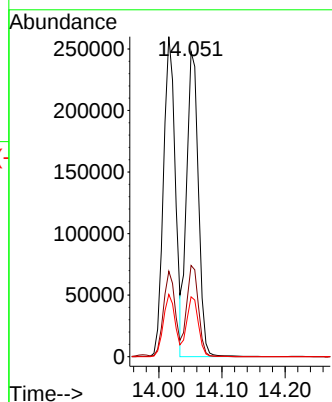
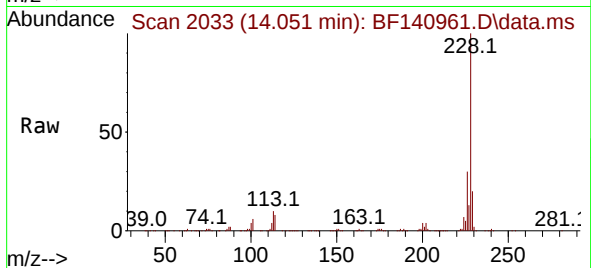
Tgt Ion:228 Resp: 323018

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.194 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

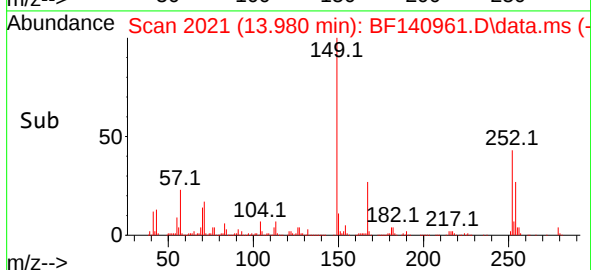
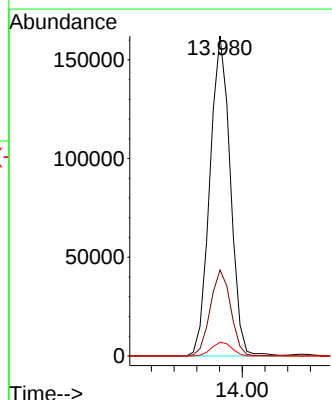
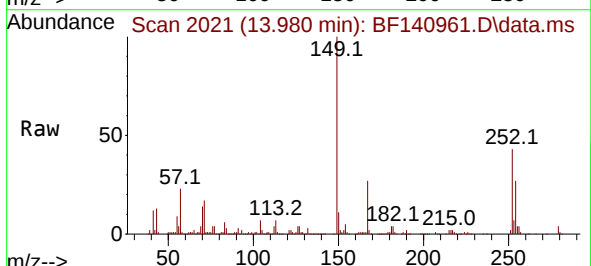
Tgt Ion:149 Resp: 202400

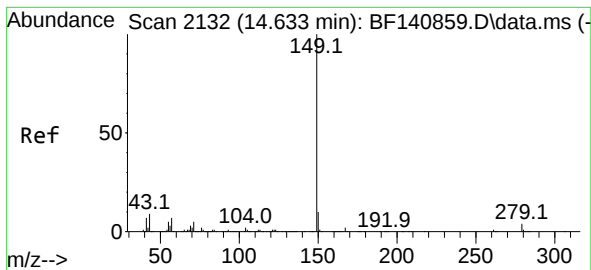
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 4.3 3.5 5.3

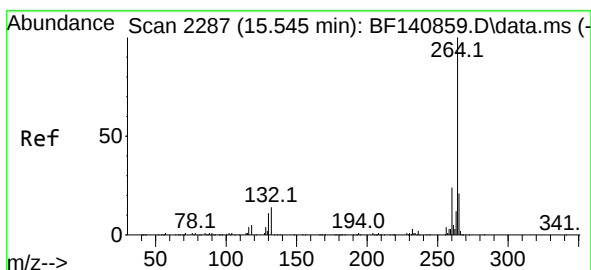
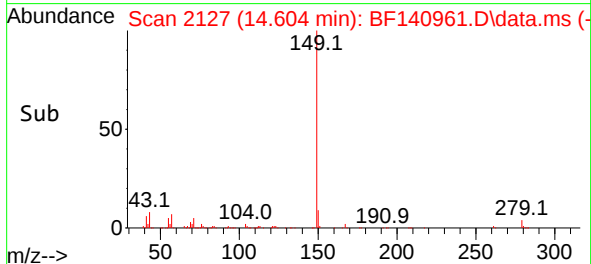
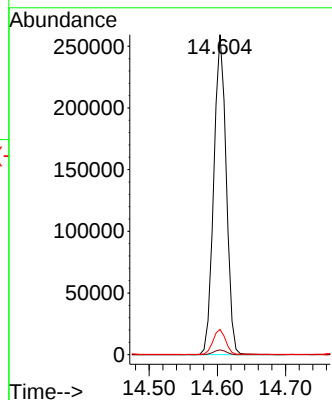
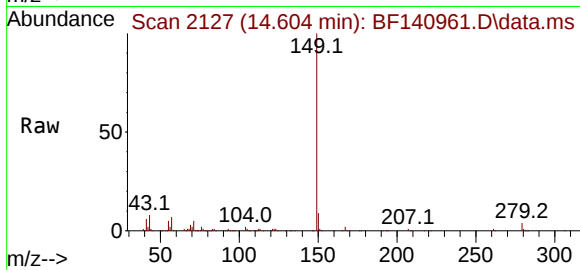




#85
Di-n-octyl phthalate
Concen: 36.776 ng
RT: 14.604 min Scan# 2132
Delta R.T. -0.029 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

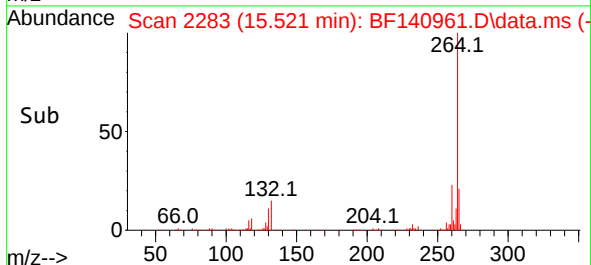
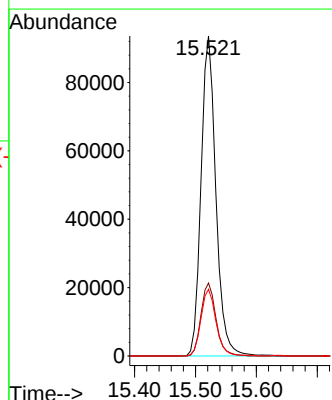
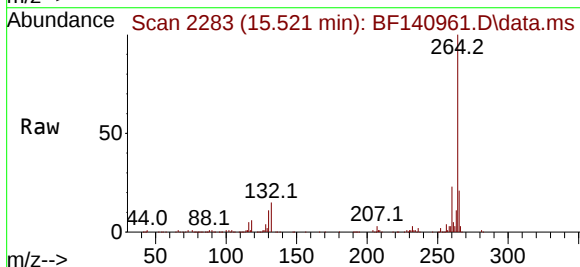
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 329327
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 7.0 10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. -0.024 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:44

Tgt Ion:264 Resp: 157950
Ion Ratio Lower Upper
264 100
260 22.8 19.1 28.7
265 20.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.863 ng

RT: 17.033 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

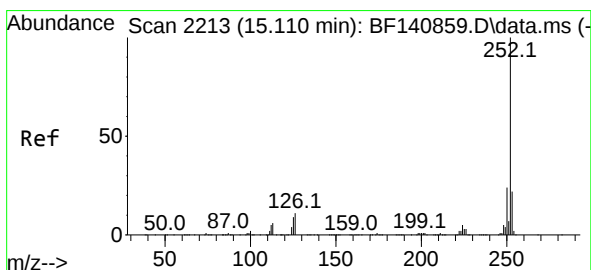
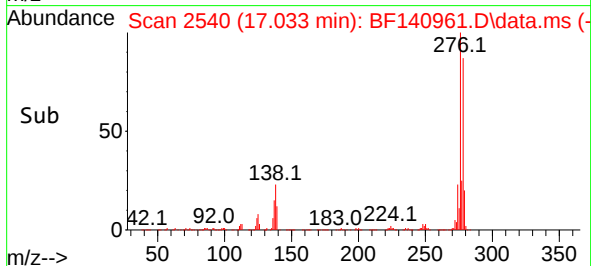
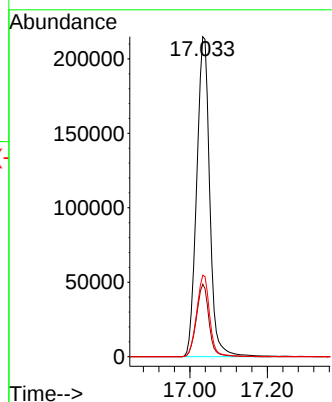
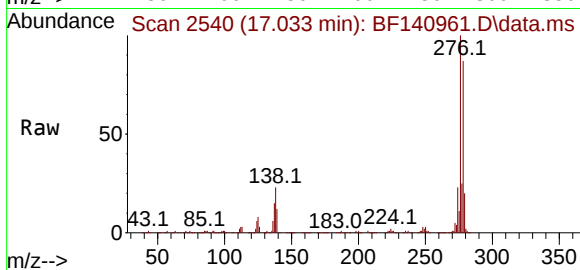
Tgt Ion:276 Resp: 501337

Ion Ratio Lower Upper

276 100

138 21.8 16.9 25.3

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 31.319 ng

RT: 15.086 min Scan# 2209

Delta R.T. -0.024 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

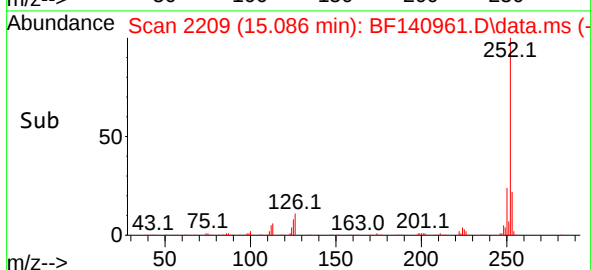
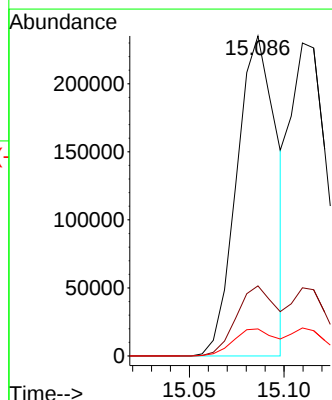
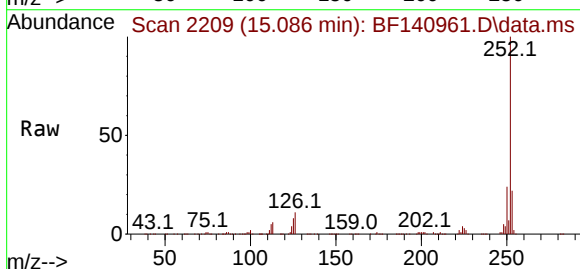
Tgt Ion:252 Resp: 343387

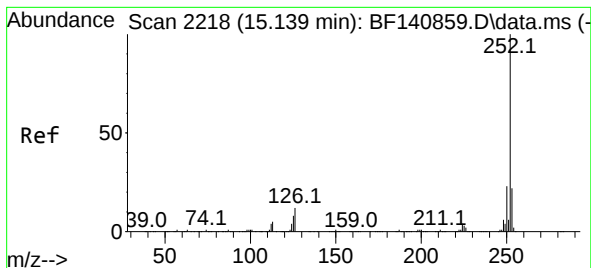
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.4 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 33.642 ng

RT: 15.110 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

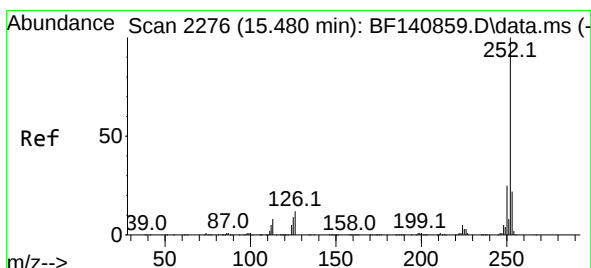
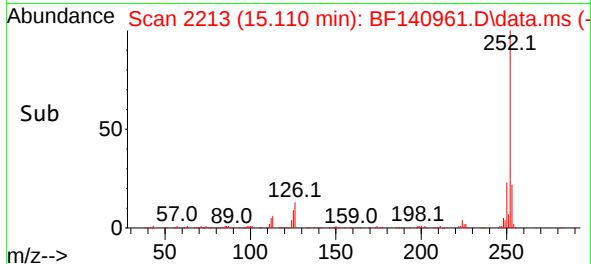
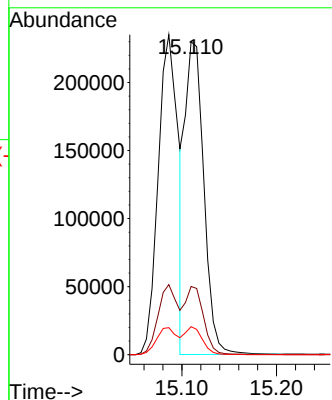
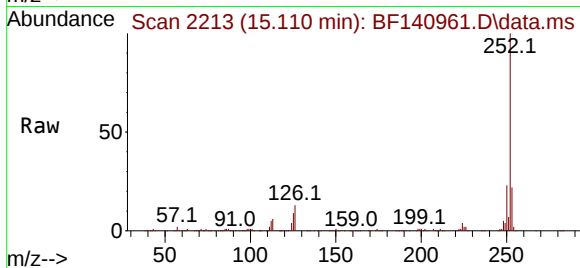
Tgt Ion:252 Resp: 316398

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.0 6.8 10.2



#90

Benzo(a)pyrene

Concen: 35.426 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.024 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

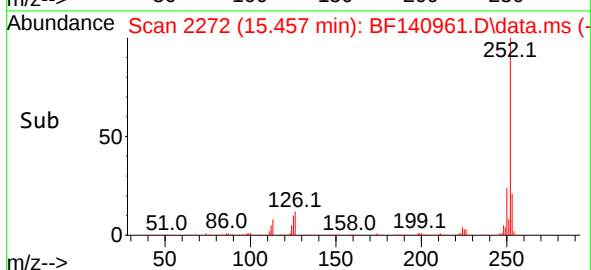
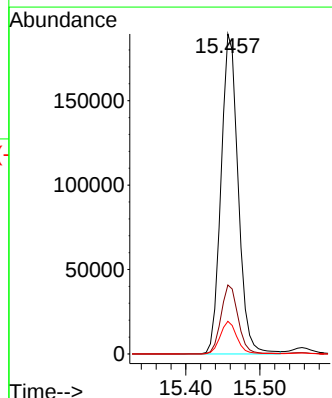
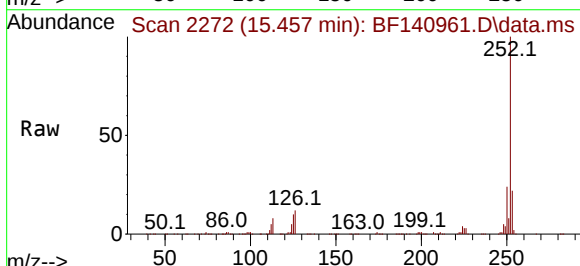
Tgt Ion:252 Resp: 304140

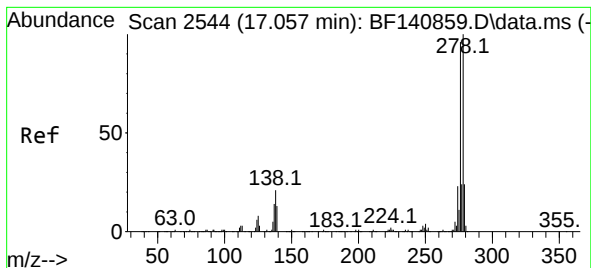
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 10.2 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 50.998 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Instrument :

BNA_F

ClientSampleId :

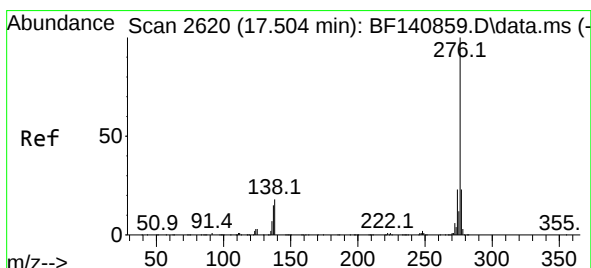
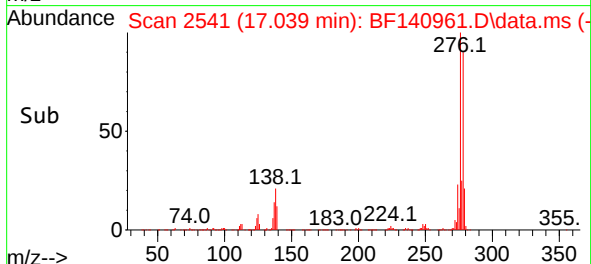
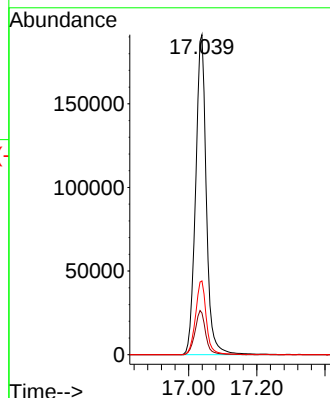
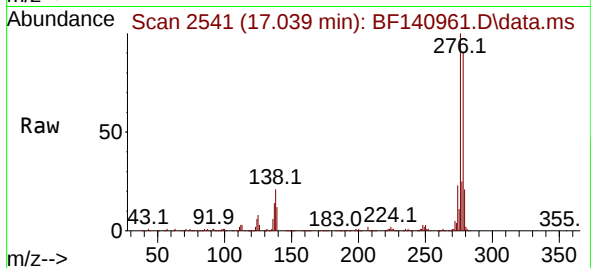
Tgt Ion:278 Resp: 416435

Ion Ratio Lower Upper

278 100

139 13.0 10.6 16.0

279 23.1 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 51.254 ng

RT: 17.492 min Scan# 2618

Delta R.T. -0.012 min

Lab File: BF140961.D

Acq: 23 Dec 2024 10:44

Tgt Ion:276 Resp: 425965

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 17.7 14.2 21.2

