

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136571.D
 Acq On : 14 Dec 2023 16:42
 Operator : CG\JU
 Sample : 05697-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Dec 15 00:34:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.79
21) Naphthalene-d8	8.045	136	81	20.000	ng	#-0.02
39) Acenaphthene-d10	9.804	164	326	20.000	ng	#-0.02
64) Phenanthrene-d10	11.327	188	251	20.000	ng	# 0.01
76) Chrysene-d12	13.986	240	1249	20.000	ng	# 0.02
86) Perylene-d12	15.362	264	1188	20.000	ng	#-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	188670	0.000	ng	0.04
7) Phenol-d6	6.434	99	2074	0.000	ng	0.00
23) Nitrobenzene-d5	7.381	82	410958	274278.245	ng	0.02
42) 2,4,6-Tribromophenol	10.621	330	132379	32933.325	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	727136	30434.889	ng	0.00
79) Terphenyl-d14	12.980	244	547265	5775.178	ng	0.07
Target Compounds						
					Qvalue	
22) Acetophenone	7.198	105	216	107.989	ng	# 1
24) Nitrobenzene	7.381	77	1620	1074.787	ng	# 26
25) Isophorone	7.381	82	410958	152665.168	ng	# 65
26) 2-Nitrophenol	7.628	139	239	322.535	ng	# 72
27) 2,4-Dimethylphenol	7.704	122	58	63.478	ng	# 4
28) bis(2-Chloroethoxy)met...	7.869	93	1717	1038.016	ng	# 1
31) Naphthalene	8.063	128	719	160.965	ng	# 1
32) Benzoic acid	7.863	122	1134	1251.094	ng	# 36
33) 4-Chloroaniline	8.033	127	13709	8608.684	ng	# 12
35) Caprolactam	8.504	113	1010	2719.425	ng	# 1
36) 4-Chloro-3-methylphenol	8.580	107	77	60.131	ng	# 20
37) 2-Methylnaphthalene	8.780	142	56	19.706	ng	# 73
38) 1-Methylnaphthalene	8.892	142	136	48.771	ng	# 1
43) 2,4,6-Trichlorophenol	9.039	196	122	18.474	ng	# 10
44) 2,4,5-Trichlorophenol	9.039	196	122	16.552	ng	# 1
46) 1,1'-Biphenyl	9.245	154	2435	87.782	ng	94
47) 2-Chloronaphthalene	9.222	162	4481	207.549	ng	# 67
48) 2-Nitroaniline	9.480	65	723	124.859	ng	# 41
49) Acenaphthylene	9.680	152	403	13.103	ng	# 28
50) Dimethylphthalate	9.539	163	150	6.250	ng	# 1
51) 2,6-Dinitrotoluene	9.586	165	1323	245.017	ng	# 44
52) Acenaphthene	9.874	154	682	34.604	ng	# 1
53) 3-Nitroaniline	9.751	138	679	123.143	ng	# 4
54) 2,4-Dinitrophenol	9.874	184	4653	1704.373	ng	# 33
55) Dibenzofuran	10.027	168	367	12.747	ng	# 59
56) 4-Nitrophenol	9.922	139	394	95.319	ng	# 1
57) 2,4-Dinitrotoluene	10.016	165	56	7.840	ng	# 18
58) Fluorene	10.327	166	283	12.245	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.157	232	122	20.664	ng	# 1
60) Diethylphthalate	10.210	149	814	34.490	ng	# 59
61) 4-Chlorophenyl-phenyle...	10.504	204	62	5.503	ng	# 1
62) 4-Nitroaniline	10.380	138	463375	84633.952	ng	# 27
63) Azobenzene	10.533	77	969	45.108	ng	# 45
65) 4,6-Dinitro-2-methylph...	10.427	198	356	229.016	ng	# 1
66) n-Nitrosodiphenylamine	10.474	169	386	47.926	ng	# 42
67) 4-Bromophenyl-phenylether	10.621	248	7968	2730.378	ng	# 1

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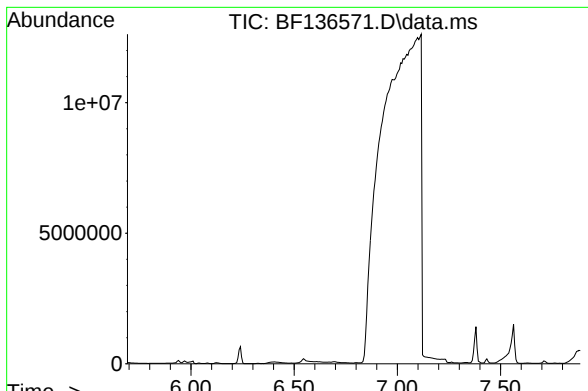
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

69) Atrazine	11.157	200	42026	18282.044	ng	#	50
70) Pentachlorophenol	11.127	266	79	41.501	ng	#	56
71) Phenanthrene	11.351	178	1253	90.823	ng	#	86
72) Anthracene	11.404	178	597	42.963	ng	#	50
73) Carbazole	11.569	167	821	66.755	ng	#	4
74) Di-n-butylphthalate	11.898	149	6252	414.670	ng	#	68
75) Fluoranthene	12.557	202	1992	137.783	ng	#	1
77) Benzidine	12.745	184	10792	138.255	ng	#	1
78) Pyrene	12.780	202	1438	11.756	ng	#	1
80) Butylbenzylphthalate	13.415	149	8888	204.113	ng	#	66
81) Benzo(a)anthracene	13.980	228	1382	15.885	ng	#	18
82) 3,3'-Dichlorobenzidine	13.968	252	170	6.969	ng	#	1
83) Chrysene	14.015	228	974	11.379	ng	#	1
84) Bis(2-ethylhexyl)phtha...	13.968	149	15973	299.224	ng	#	83
85) Di-n-octyl phthalate	14.615	149	2527	32.048	ng	#	44
88) Benzo(b)fluoranthene	14.909	252	570	7.017	ng	#	1
89) Benzo(k)fluoranthene	14.968	252	535	6.989	ng	#	1
90) Benzo(a)pyrene	15.333	252	473	7.051	ng	#	1

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

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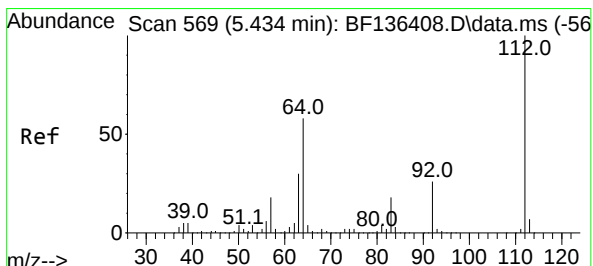
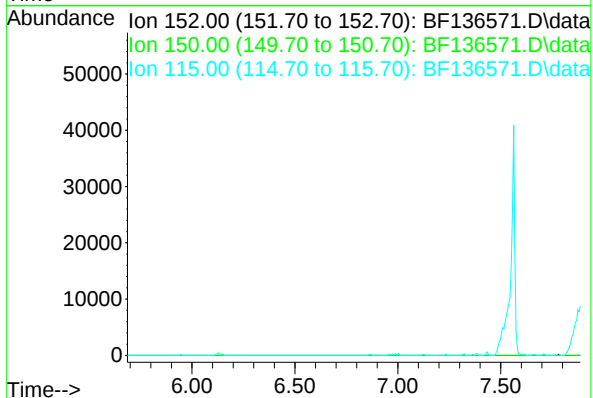


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.79 min
 Lab File: BF136571.D
 Acq: 14 Dec 2023 16:42

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion: 152

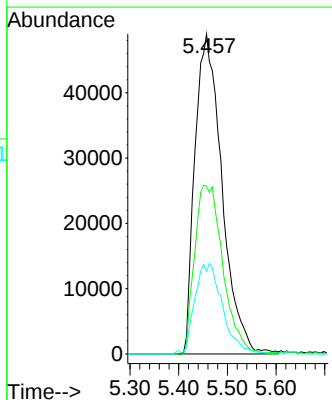
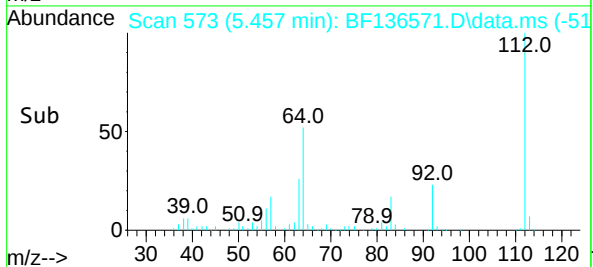
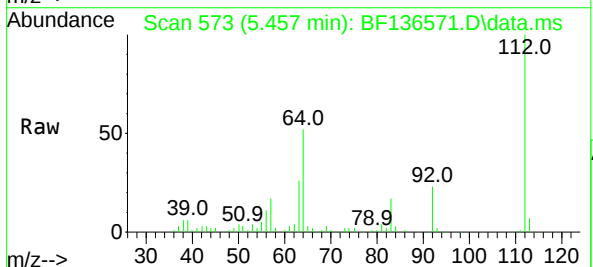
Sig	Exp Ratio
152	100
150	158.0
115	60.3

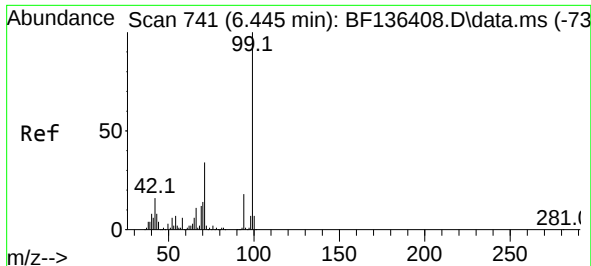


#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.457 min Scan# 573
 Delta R.T. 0.035 min
 Lab File: BF136571.D
 Acq: 14 Dec 2023 16:42

Tgt Ion: 112 Resp: 188670

Ion	Ratio	Lower	Upper
112	100		
64	52.4	46.5	69.7
63	25.8	23.9	35.9

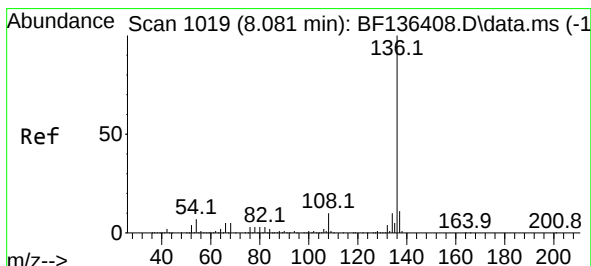
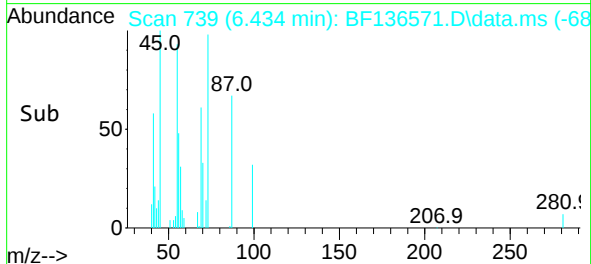
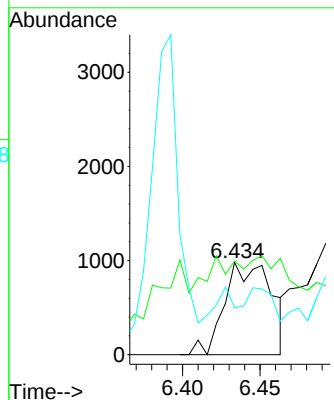
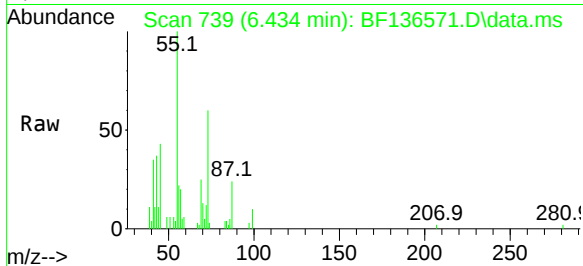




#7
Phenol-d6
Concen: 0.000 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

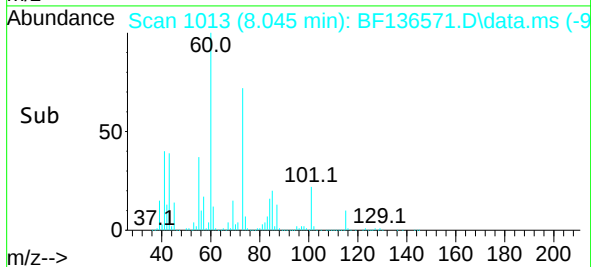
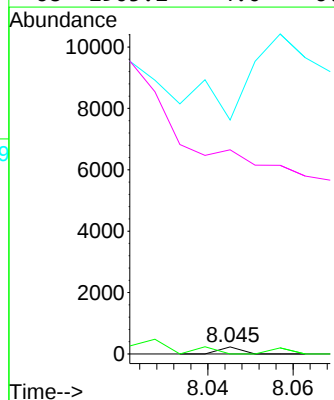
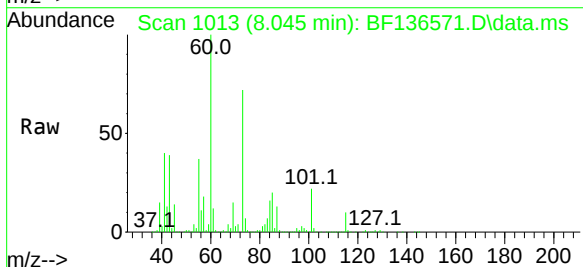
Instrument :
BNA_F
ClientSampleId :
EFF-WW

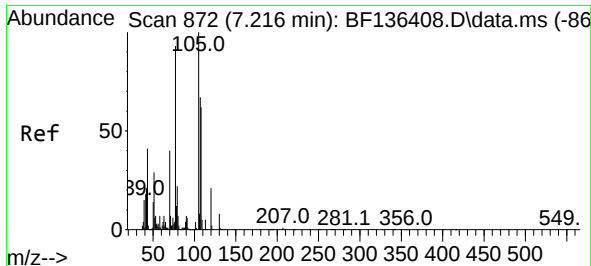
Tgt Ion: 99 Resp: 2074
Ion Ratio Lower Upper
99 100
42 101.6 12.8 19.2#
71 51.0 27.0 40.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.024 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

Tgt Ion: 136 Resp: 81
Ion Ratio Lower Upper
136 100
137 0.0 8.6 12.8#
54 3328.4 5.7 8.5#
68 2905.2 4.0 6.0#

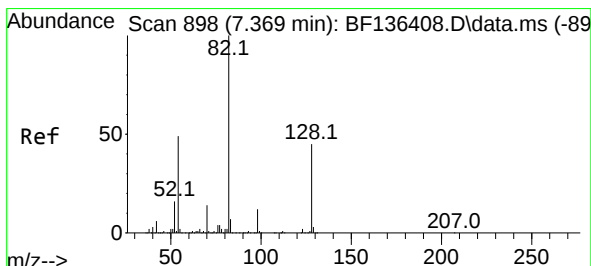
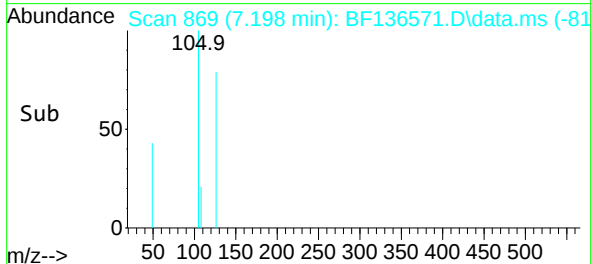
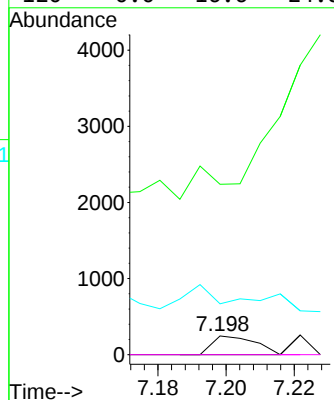
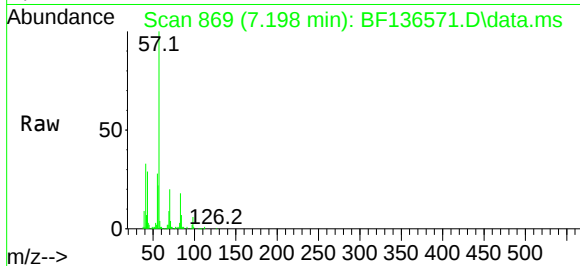




#22
Acetophenone
Concen: 107.989 ng
RT: 7.198 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

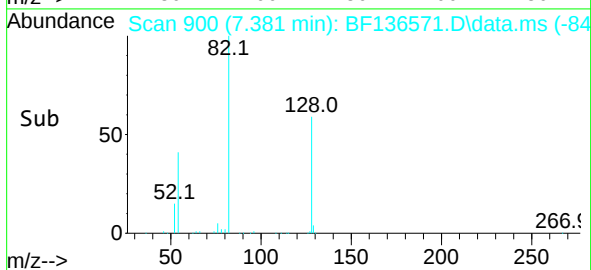
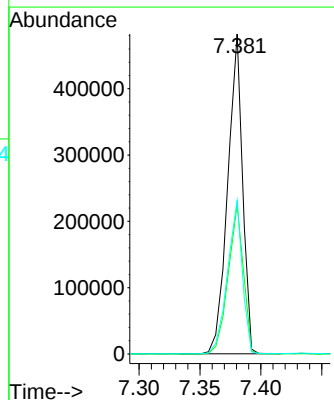
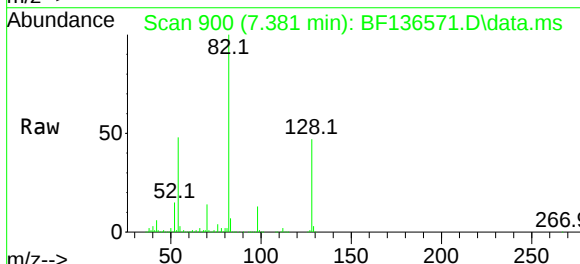
Instrument :
BNA_F
ClientSampleId :
EFF-WW

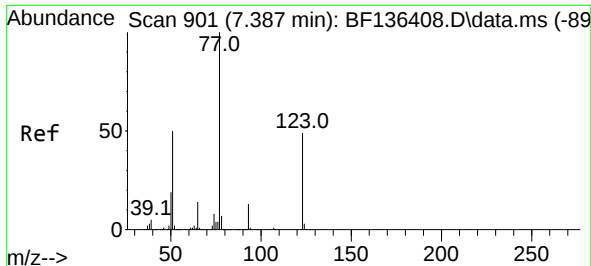
Tgt Ion:105 Resp: 216
Ion Ratio Lower Upper
105 100
71 909.8 5.4 8.0#
51 271.5 23.4 35.2#
120 0.0 16.6 24.8#



#23
Nitrobenzene-d5
Concen: 274278.245 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.023 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

Tgt Ion: 82 Resp: 410958
Ion Ratio Lower Upper
82 100
128 46.7 36.3 54.5
54 48.0 39.0 58.6

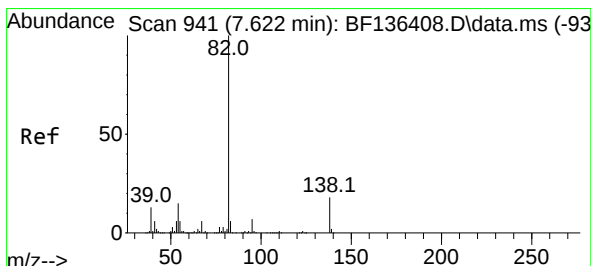
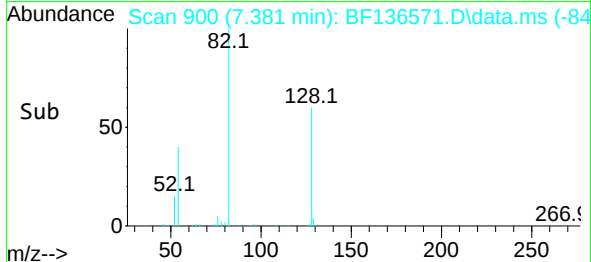
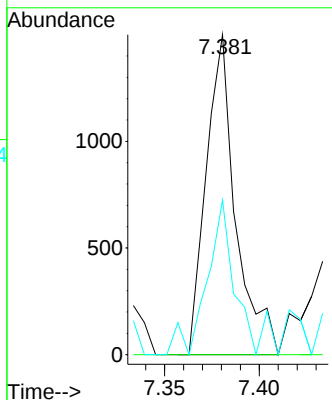
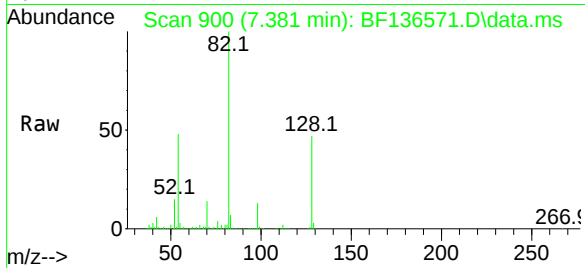




#24
Nitrobenzene
Concen: 1074.787 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.006 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

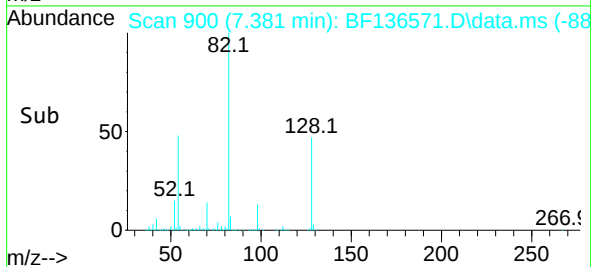
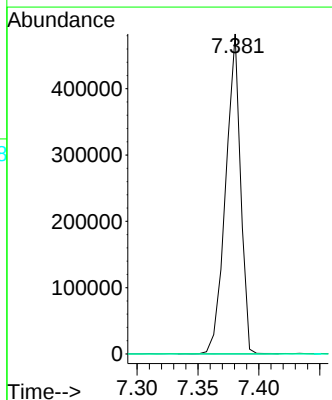
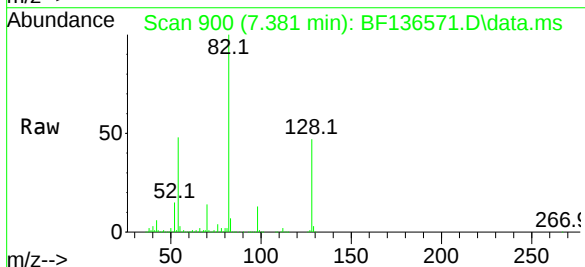
Instrument :
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ClientSampleId :
EFF-WW

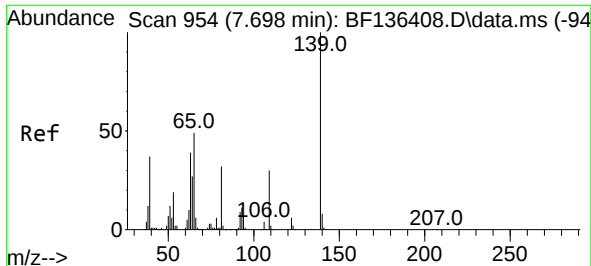
Tgt Ion: 77 Resp: 1620
Ion Ratio Lower Upper
77 100
123 0.0 39.0 58.6#
65 48.3 11.3 16.9#



#25
Isophorone
Concen: 152665.168 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.230 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

Tgt Ion: 82 Resp: 410958
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.5 21.7#

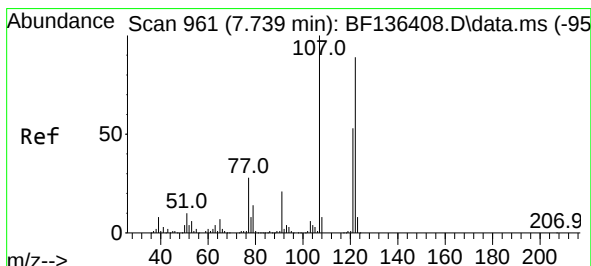
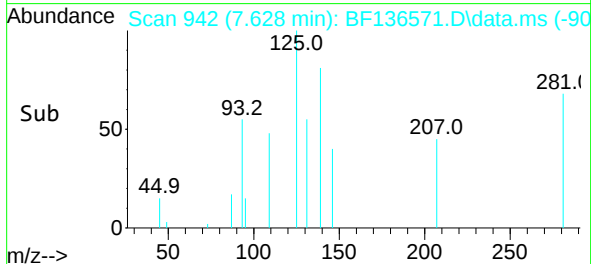
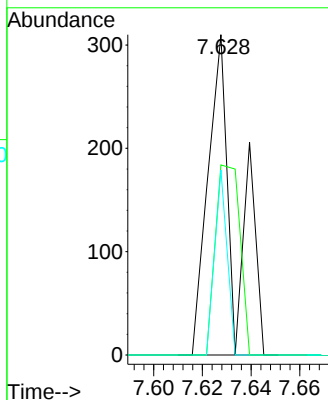
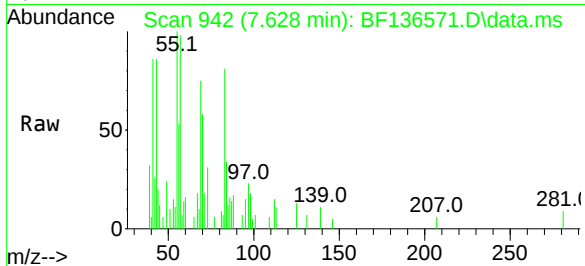




#26
2-Nitrophenol
Concen: 322.535 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.059 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

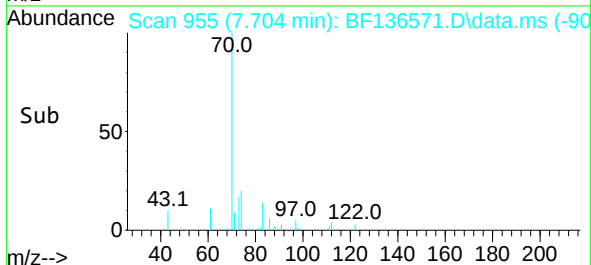
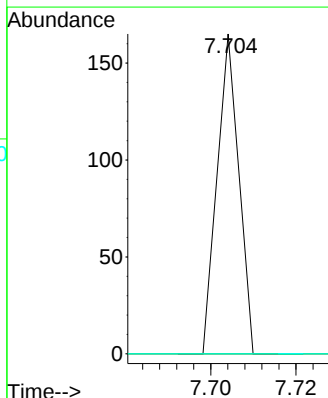
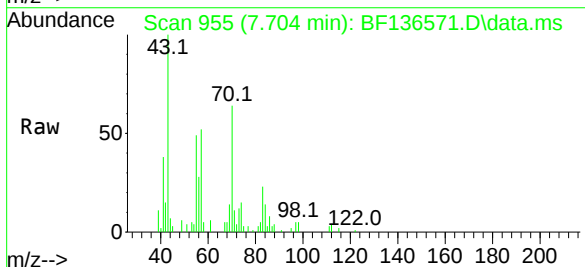
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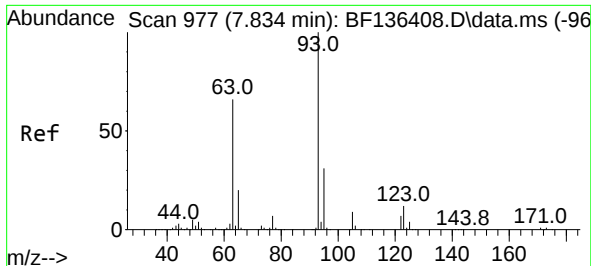
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Ion Ratio Lower Upper
139 100
109 59.4 23.6 35.4#
65 57.7 39.4 59.2



#27
2,4-Dimethylphenol
Concen: 63.478 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.024 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
107 0.0 89.3 133.9#
121 0.0 47.6 71.4#

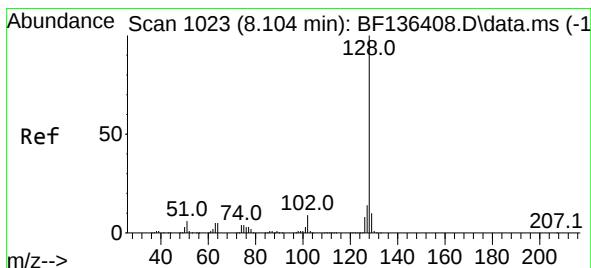
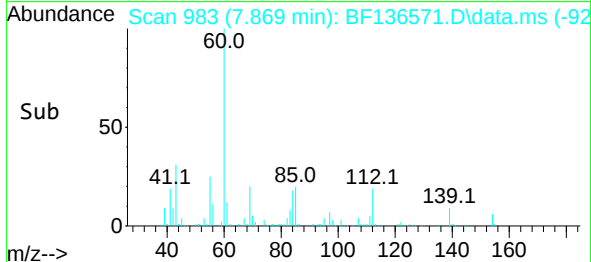
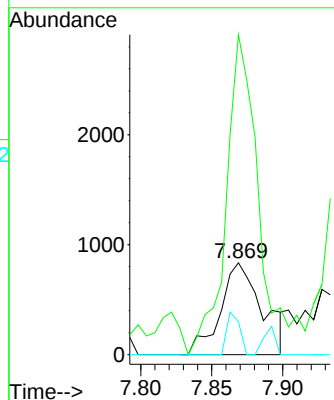
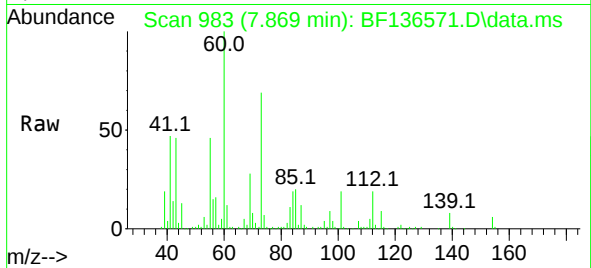




#28
bis(2-Chloroethoxy)methane
Concen: 1038.016 ng
RT: 7.869 min Scan# 91
Delta R.T. 0.047 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

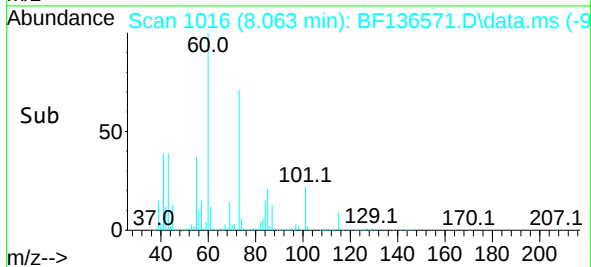
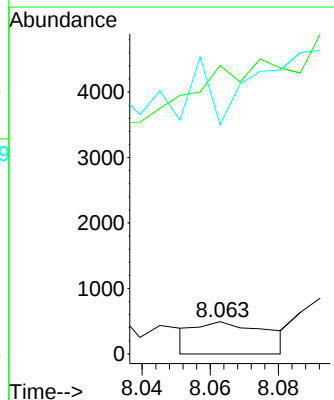
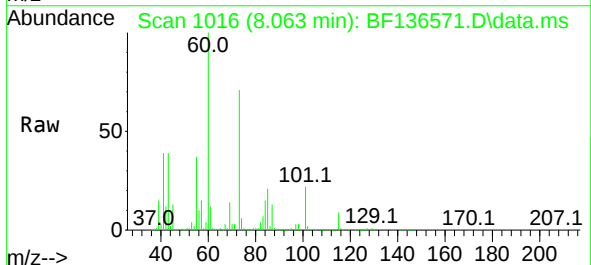
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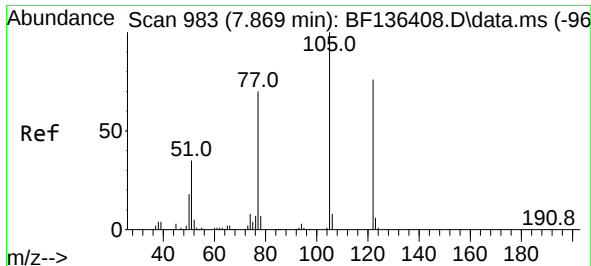
Tgt Ion: 93 Resp: 1717
Ion Ratio Lower Upper
93 100
95 348.1 25.0 37.4#
123 35.9 9.4 14.0#



#31
Naphthalene
Concen: 160.965 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.030 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

Tgt Ion: 128 Resp: 719
Ion Ratio Lower Upper
128 100
129 891.7 8.3 12.5#
127 708.7 11.1 16.7#

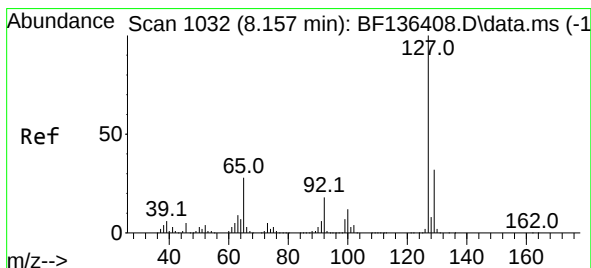
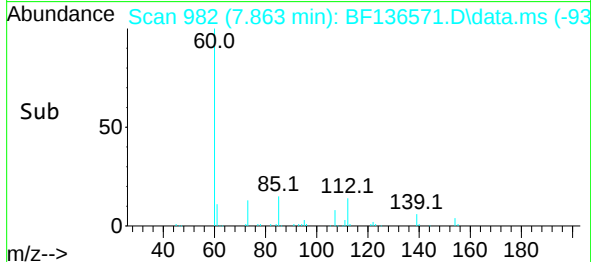
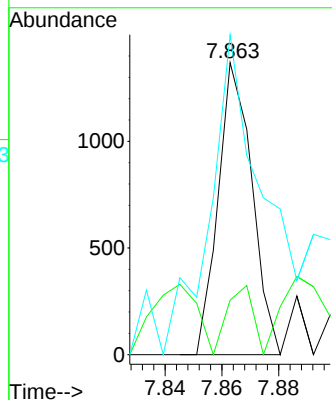
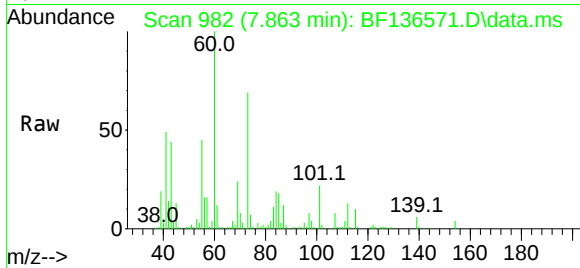




#32
Benzoic acid
Concen: 1251.094 ng
RT: 7.863 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

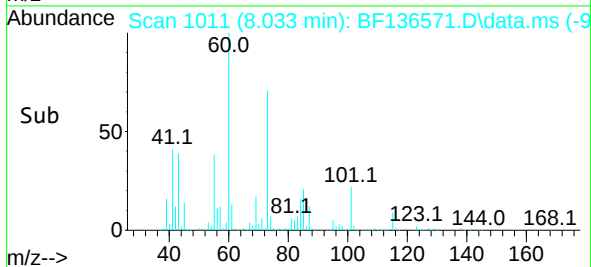
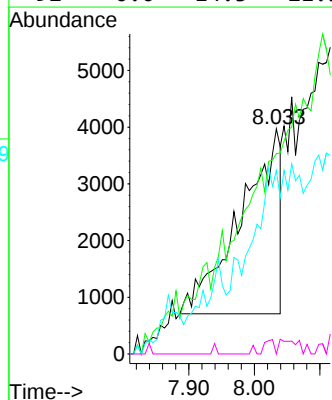
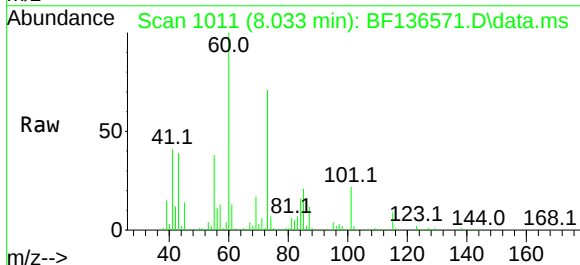
Instrument :
BNA_F
ClientSampleId :
EFF-WW

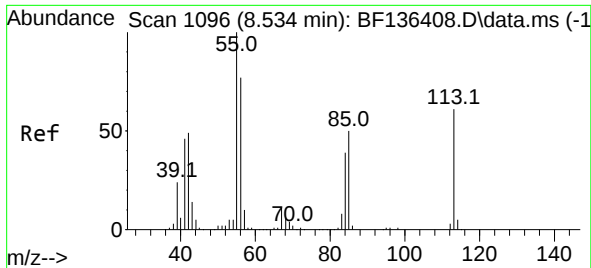
Tgt Ion:122 Resp: 1134
Ion Ratio Lower Upper
122 100
105 18.7 104.7 144.7#
77 109.6 68.5 108.5#



#33
4-Chloroaniline
Concen: 8608.684 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.106 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

Tgt Ion:127 Resp: 13709
Ion Ratio Lower Upper
127 100
129 89.1 25.4 38.2#
65 81.5 22.5 33.7#
92 0.0 14.3 21.5#

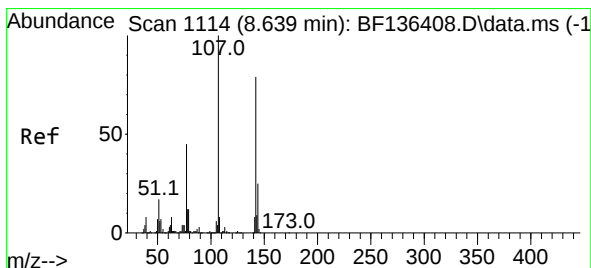
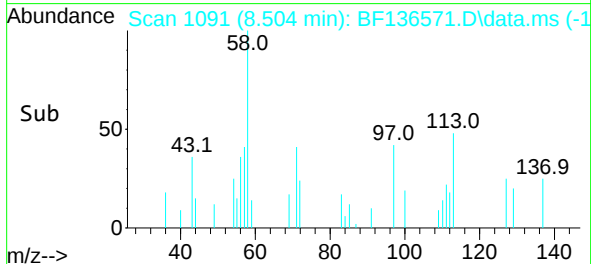
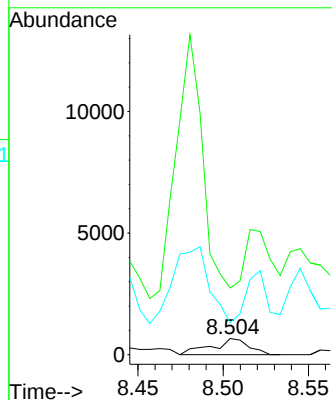
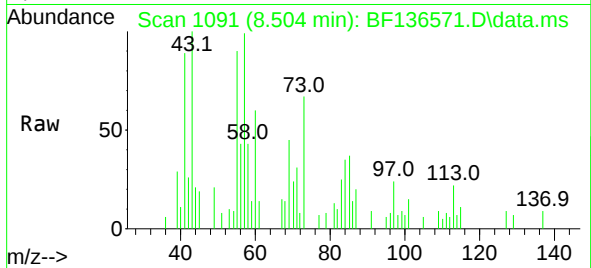




#35
 Caprolactam
 Concen: 2719.425 ng
 RT: 8.504 min Scan# 1104
 Delta R.T. -0.018 min
 Lab File: BF136571.D
 Acq: 14 Dec 2023 16:42

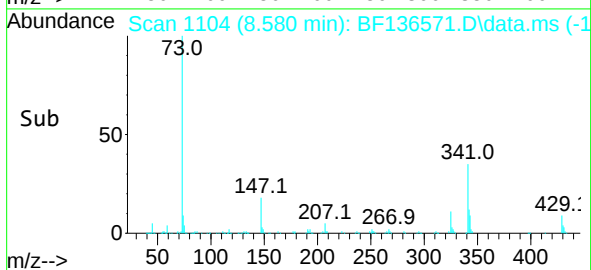
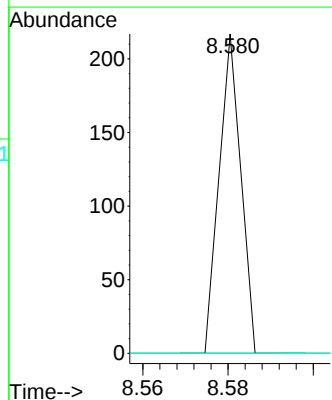
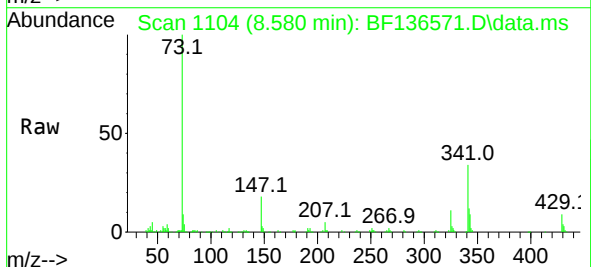
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

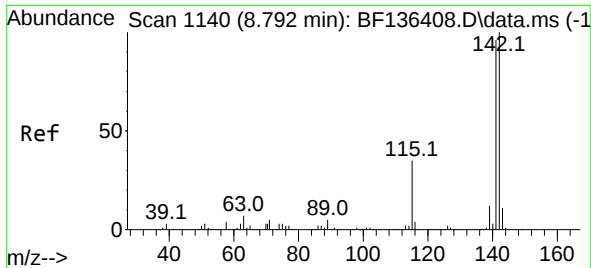
Tgt Ion:113 Resp: 1010
 Ion Ratio Lower Upper
 113 100
 55 414.0 143.7 183.7#
 56 198.9 105.2 145.2#



#36
 4-Chloro-3-methylphenol
 Concen: 60.131 ng
 RT: 8.580 min Scan# 1104
 Delta R.T. -0.047 min
 Lab File: BF136571.D
 Acq: 14 Dec 2023 16:42

Tgt Ion:107 Resp: 77
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.1 30.1#
 142 0.0 63.1 94.7#





#37

2-Methylnaphthalene

Concen: 19.706 ng

RT: 8.780 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

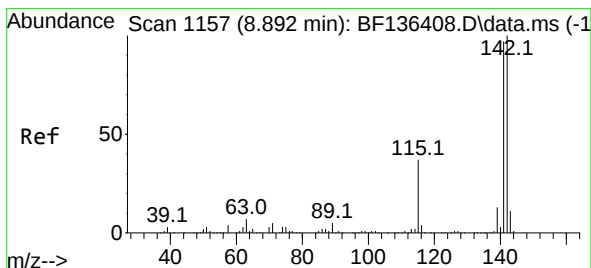
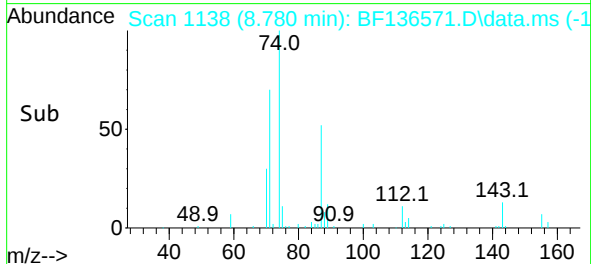
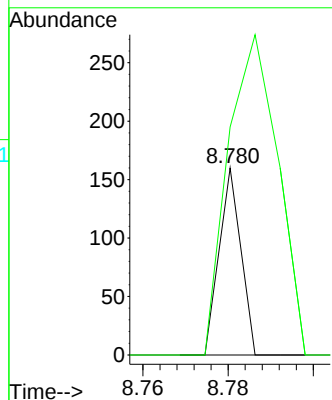
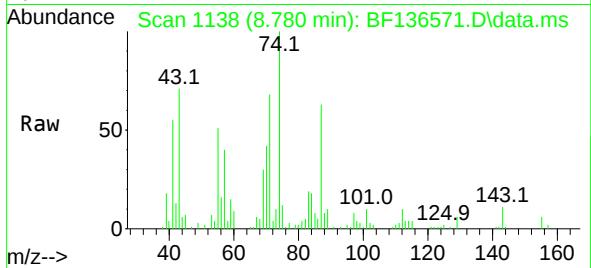
EFF-WW

Tgt Ion:142 Resp: 56

Ion Ratio Lower Upper

142 100

141 121.9 76.4 114.6#



#38

1-Methylnaphthalene

Concen: 48.771 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.012 min

Lab File: BF136571.D

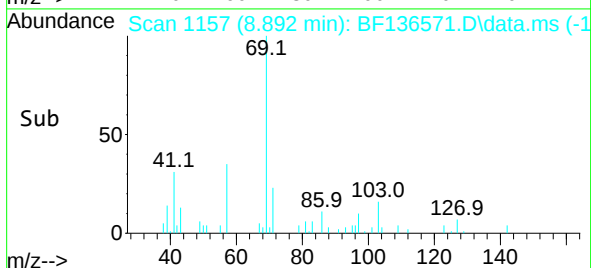
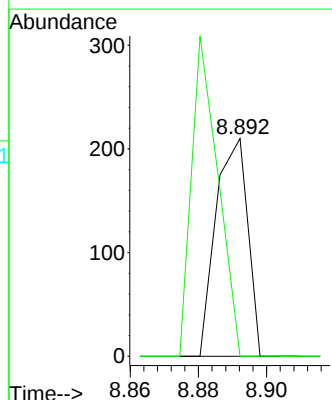
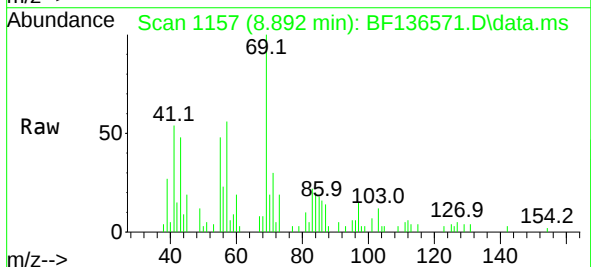
Acq: 14 Dec 2023 16:42

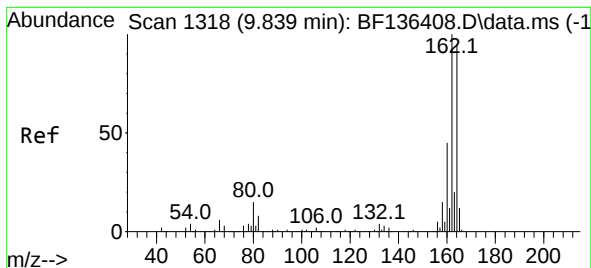
Tgt Ion:142 Resp: 136

Ion Ratio Lower Upper

142 100

141 0.0 77.7 116.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1

Delta R.T. -0.024 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

EFF-WW

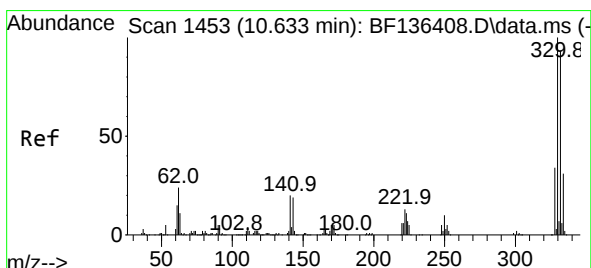
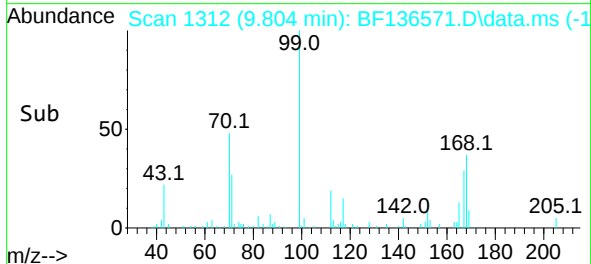
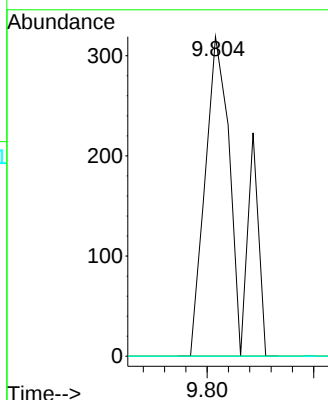
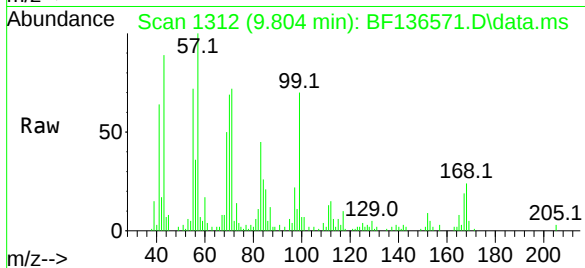
Tgt Ion:164 Resp: 326

Ion Ratio Lower Upper

164 100

162 0.0 84.4 126.6#

160 0.0 37.6 56.4#



#42

2,4,6-Tribromophenol

Concen: 32933.325 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

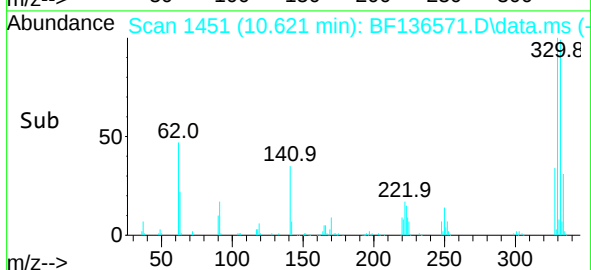
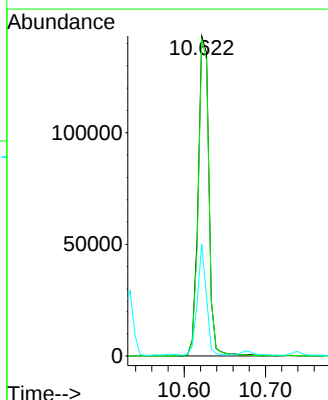
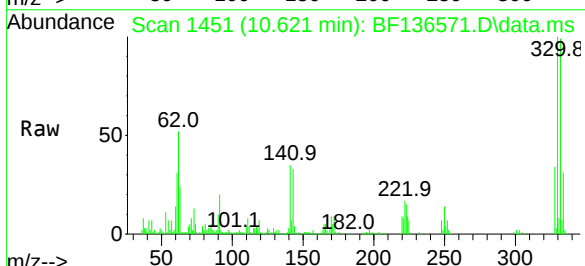
Tgt Ion:330 Resp: 132379

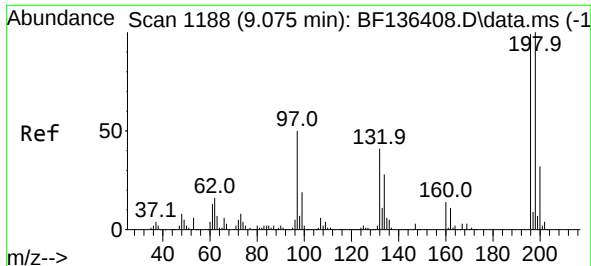
Ion Ratio Lower Upper

330 100

332 97.1 76.4 114.6

141 28.8 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 18.474 ng

RT: 9.039 min Scan# 1182

Delta R.T. -0.024 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

EFF-WW

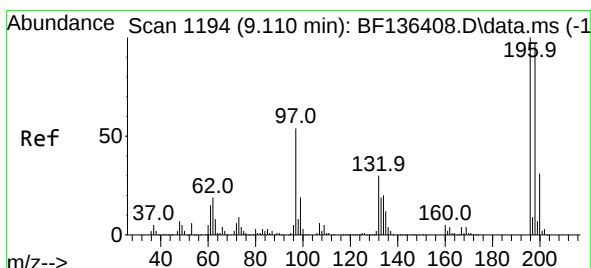
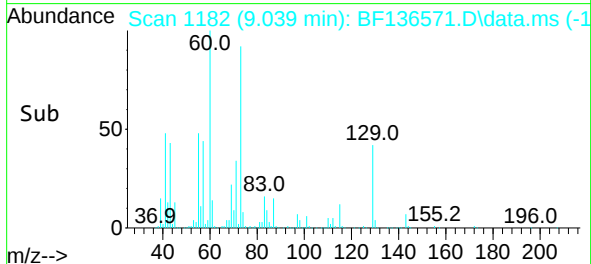
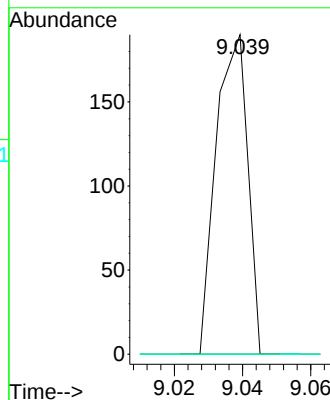
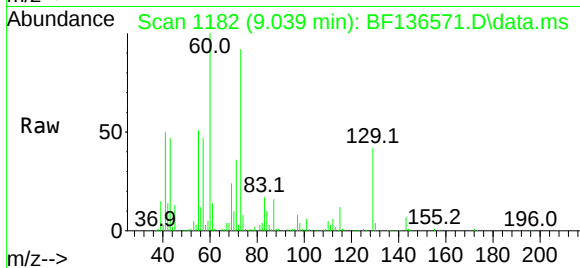
Tgt Ion:196 Resp: 122

Ion Ratio Lower Upper

196 100

198 0.0 80.4 120.6#

200 0.0 25.9 38.9#



#44

2,4,5-Trichlorophenol

Concen: 16.552 ng

RT: 9.039 min Scan# 1182

Delta R.T. -0.065 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Tgt Ion:196 Resp: 122

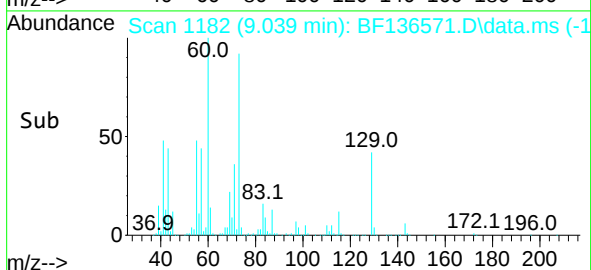
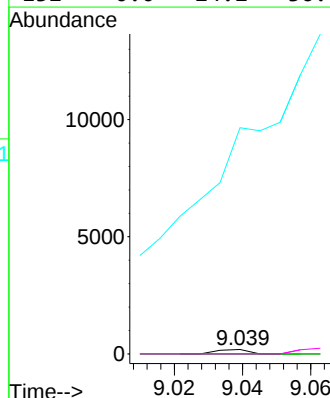
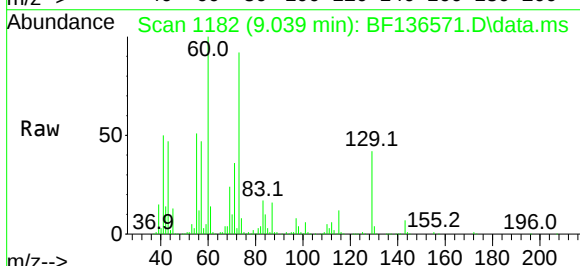
Ion Ratio Lower Upper

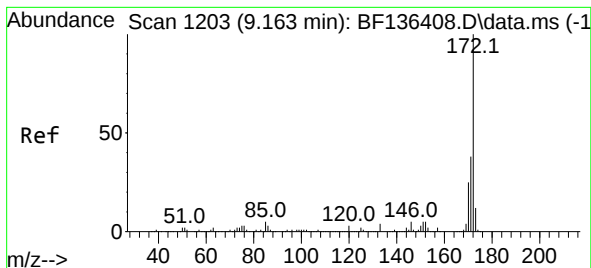
196 100

198 0.0 78.1 117.1#

97 5079.5 43.4 65.2#

132 0.0 24.2 36.4#





#45

2-Fluorobiphenyl

Concen: 30434.889 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

EFF-WW

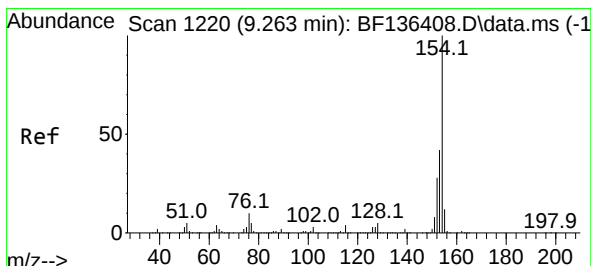
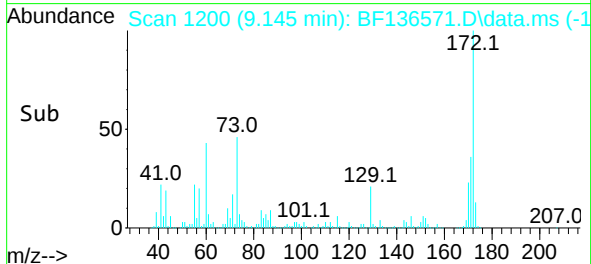
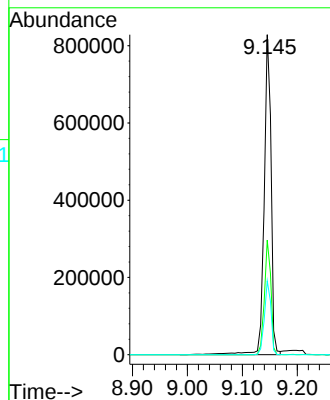
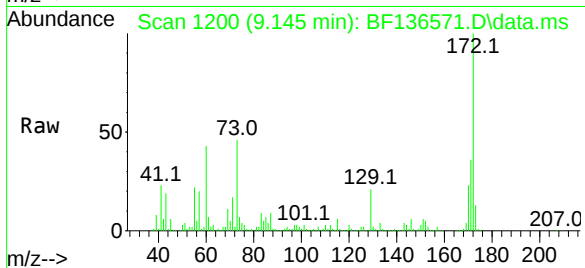
Tgt Ion:172 Resp: 727136

Ion Ratio Lower Upper

172 100

171 35.8 30.5 45.7

170 23.1 19.9 29.9



#46

1,1'-Biphenyl

Concen: 87.782 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

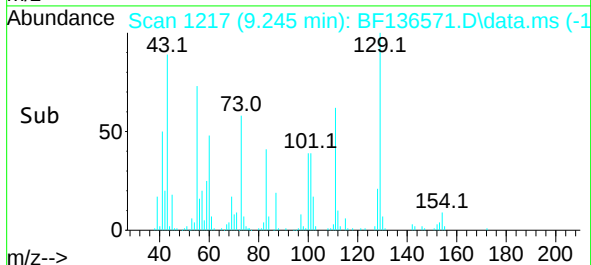
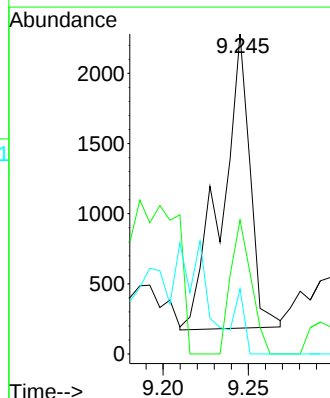
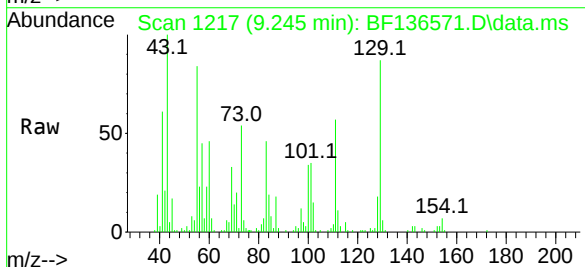
Tgt Ion:154 Resp: 2435

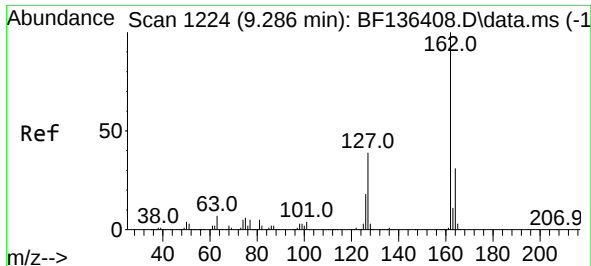
Ion Ratio Lower Upper

154 100

153 41.9 22.5 62.5

76 20.4 0.0 29.9





#47

2-Chloronaphthalene

Concen: 207.549 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.053 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

EFF-WW

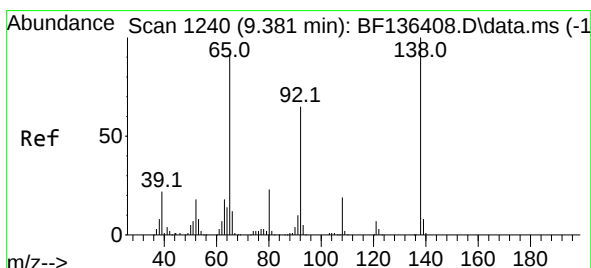
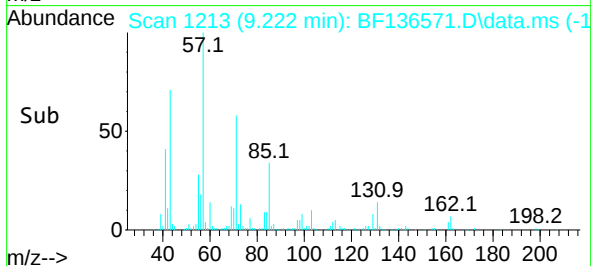
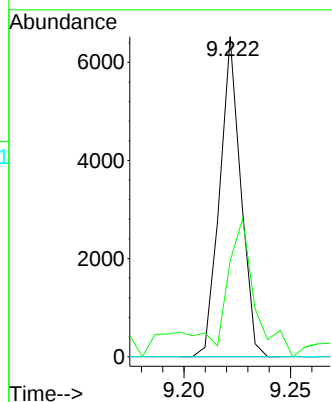
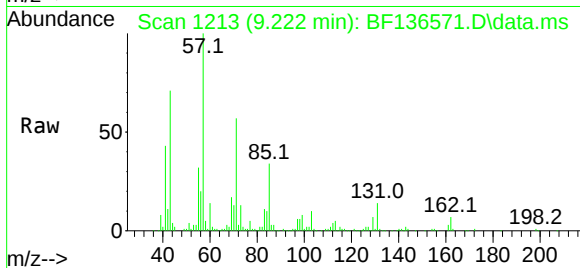
Tgt Ion:162 Resp: 4481

Ion Ratio Lower Upper

162 100

127 29.8 31.1 46.7#

164 0.0 24.6 37.0#



#48

2-Nitroaniline

Concen: 124.859 ng

RT: 9.480 min Scan# 1257

Delta R.T. 0.112 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

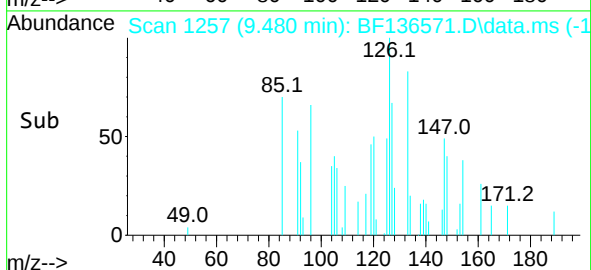
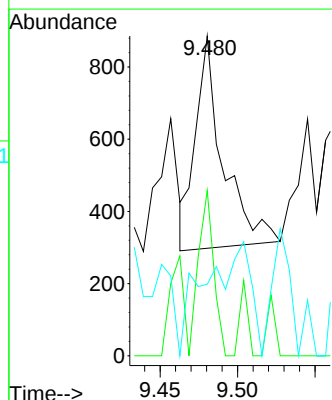
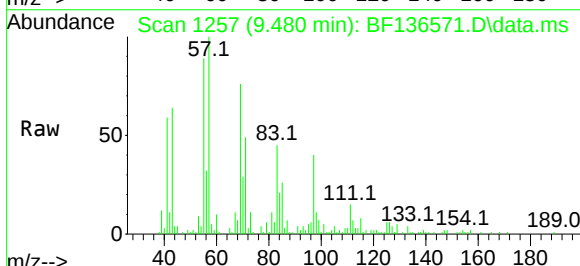
Tgt Ion: 65 Resp: 723

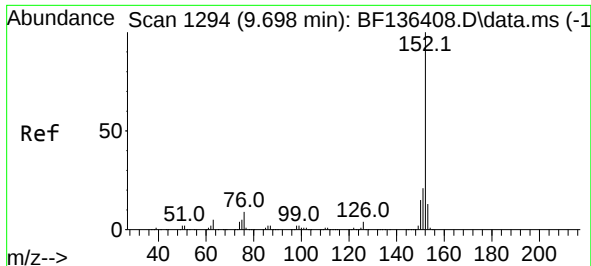
Ion Ratio Lower Upper

65 100

92 51.7 56.1 84.1#

138 22.3 86.7 130.1#





#49

Acenaphthylene

Concen: 13.103 ng

RT: 9.680 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

EFF-WW

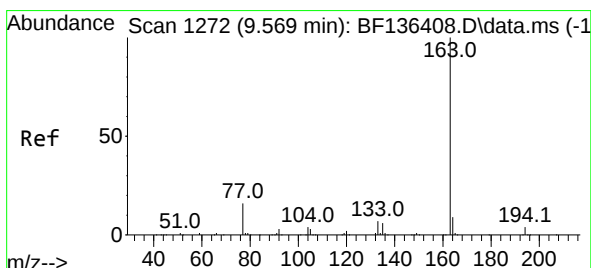
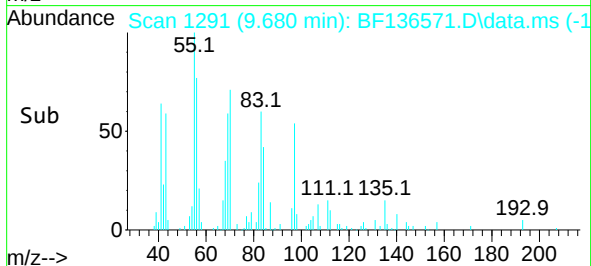
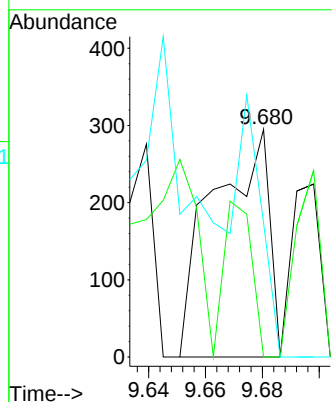
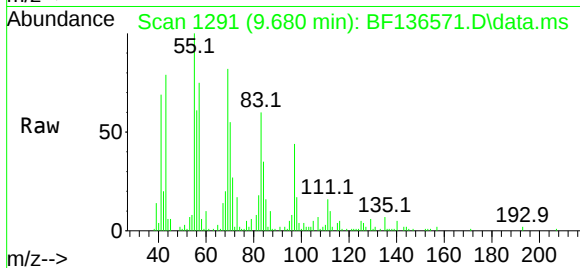
Tgt Ion:152 Resp: 403

Ion Ratio Lower Upper

152 100

151 0.0 17.2 25.8#

153 59.0 10.6 15.8#



#50

Dimethylphthalate

Concen: 6.250 ng

RT: 9.539 min Scan# 1267

Delta R.T. -0.012 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

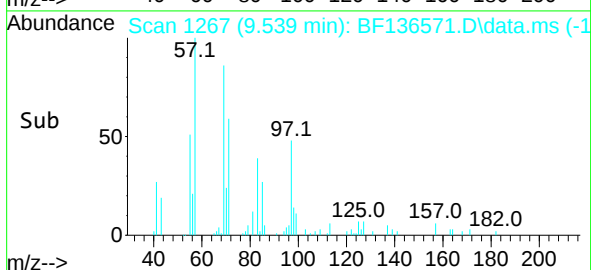
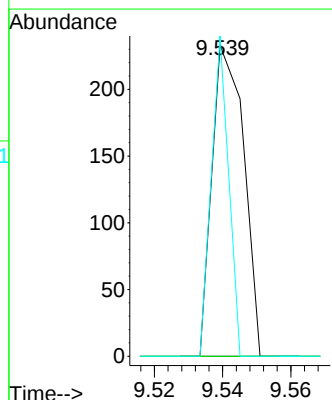
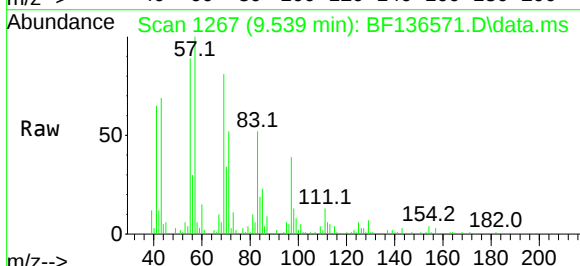
Tgt Ion:163 Resp: 150

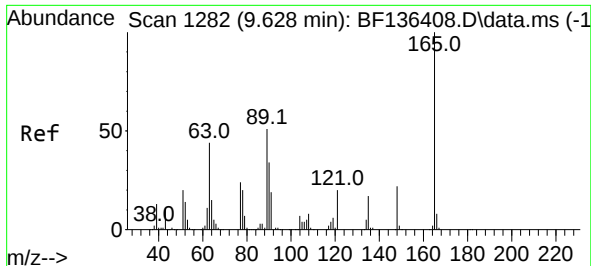
Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

164 103.0 7.4 11.2#

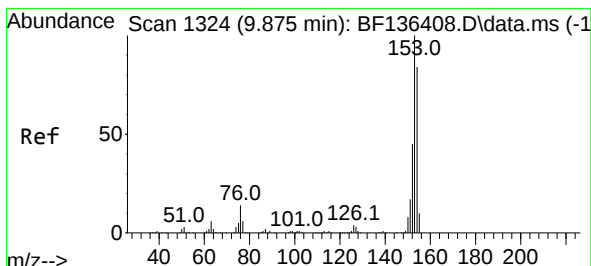
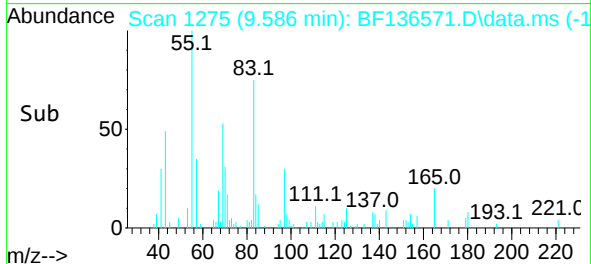
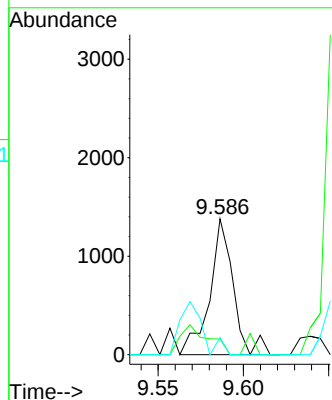
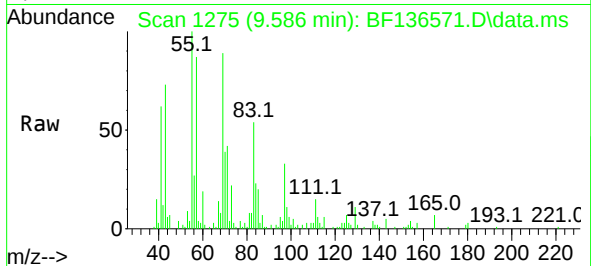




#51
2,6-Dinitrotoluene
Concen: 245.017 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.030 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

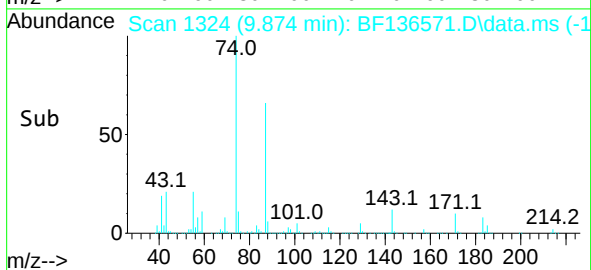
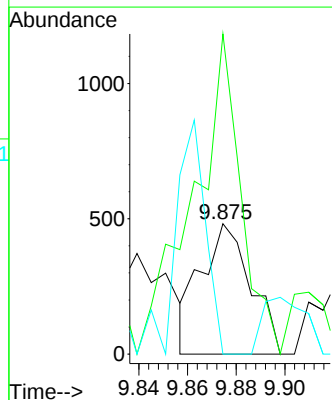
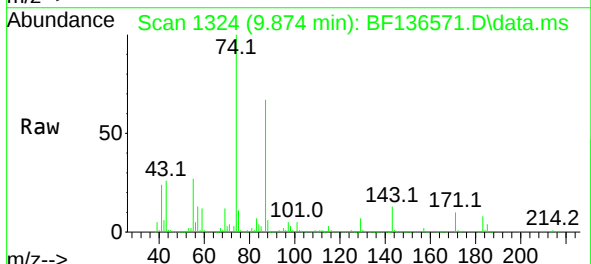
Instrument :
BNA_F
ClientSampleId :
EFF-WW

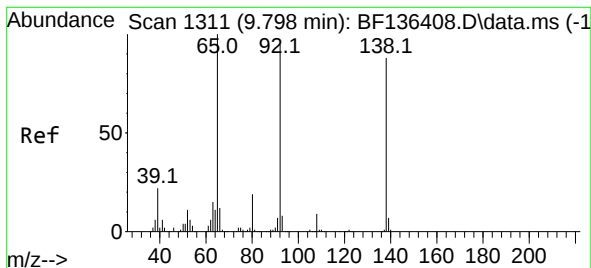
Tgt Ion:165 Resp: 1323
Ion Ratio Lower Upper
165 100
63 11.5 40.4 60.6#
89 12.6 40.6 60.8#



#52
Acenaphthene
Concen: 34.604 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

Tgt Ion:154 Resp: 682
Ion Ratio Lower Upper
154 100
153 245.4 95.3 142.9#
152 0.0 43.2 64.8#





#53

3-Nitroaniline

Concen: 123.143 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.035 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

EFF-WW

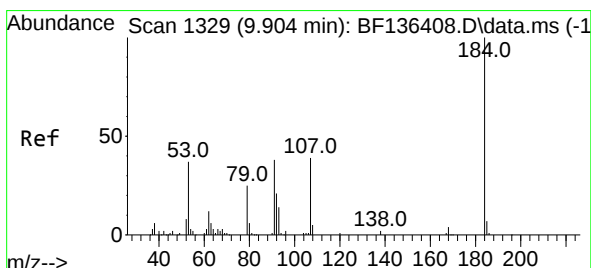
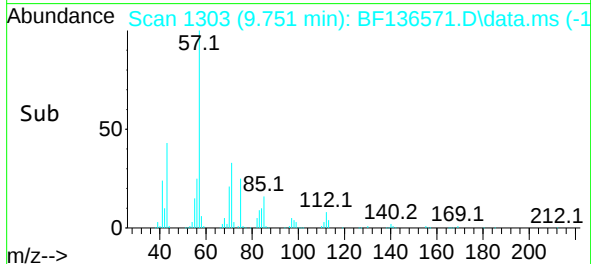
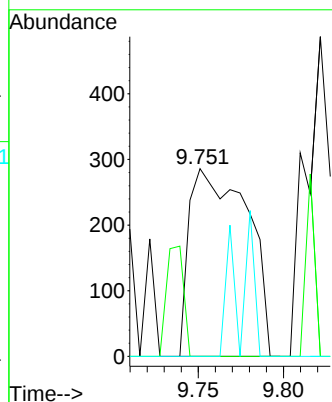
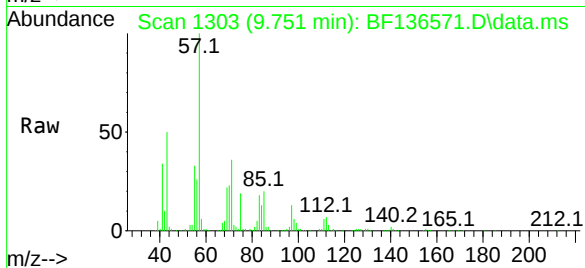
Tgt Ion:138 Resp: 679

Ion Ratio Lower Upper

138 100

108 0.0 8.5 12.7#

92 0.0 86.1 129.1#



#54

2,4-Dinitrophenol

Concen: 1704.373 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.018 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

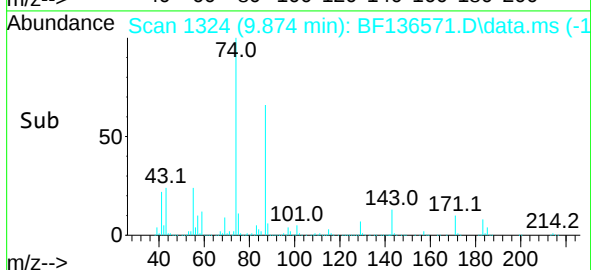
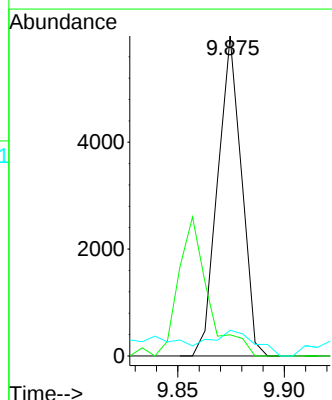
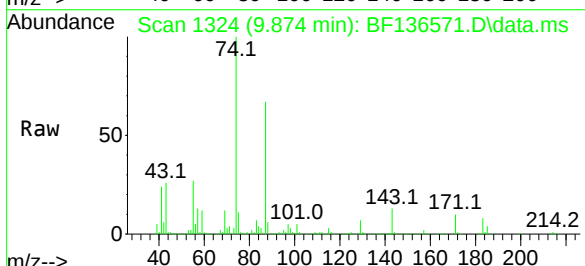
Tgt Ion:184 Resp: 4653

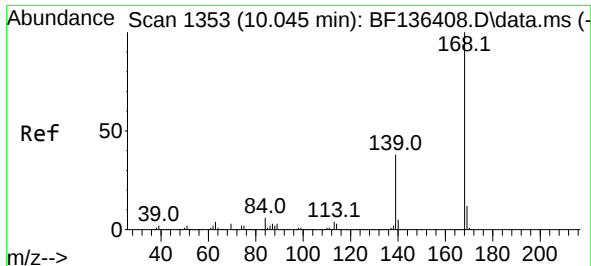
Ion Ratio Lower Upper

184 100

63 6.6 39.1 58.7#

154 8.0 49.9 74.9#

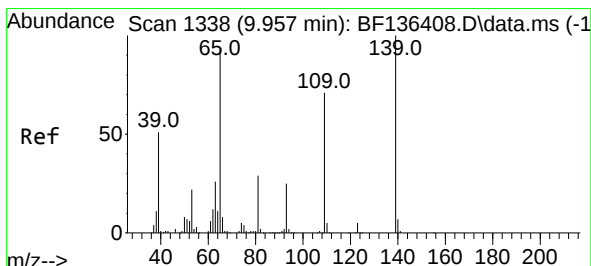
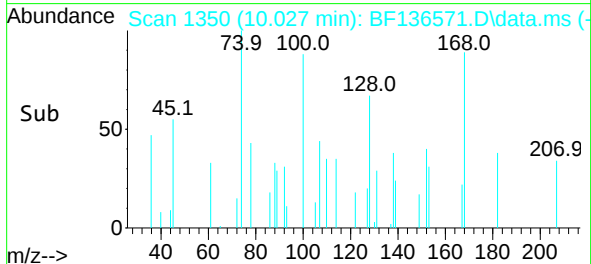
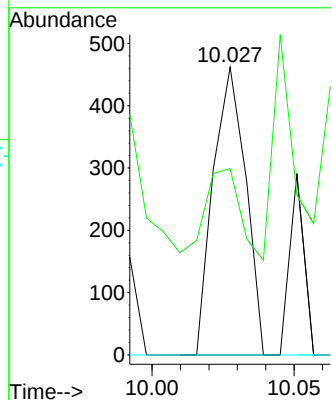
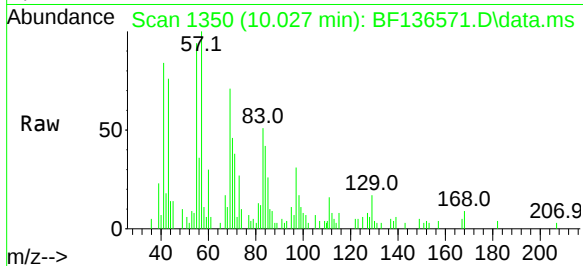




#55
Dibenzenofuran
Concen: 12.747 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

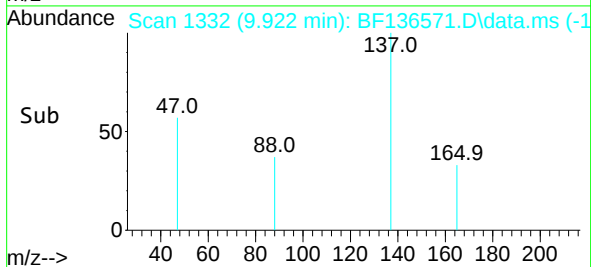
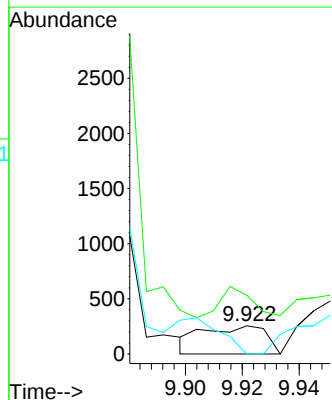
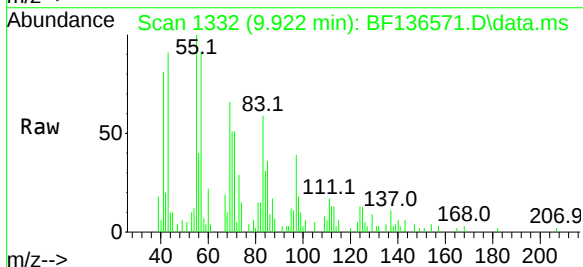
Instrument :
BNA_F
ClientSampleId :
EFF-WW

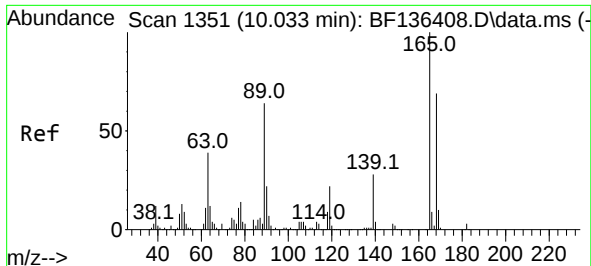
Tgt Ion:168 Resp: 367
Ion Ratio Lower Upper
168 100
139 64.7 30.4 45.6#
169 0.0 9.9 14.9#



#56
4-Nitrophenol
Concen: 95.319 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.030 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

Tgt Ion:139 Resp: 394
Ion Ratio Lower Upper
139 100
109 207.8 50.6 90.6#
65 0.0 73.1 113.1#

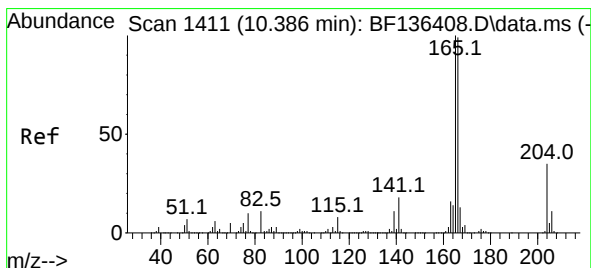
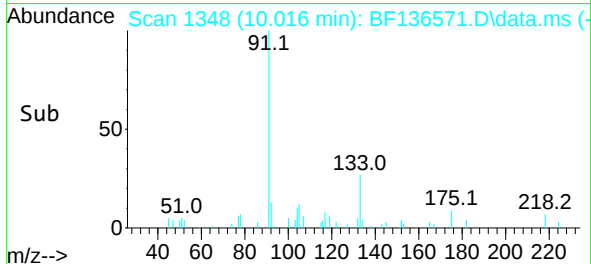
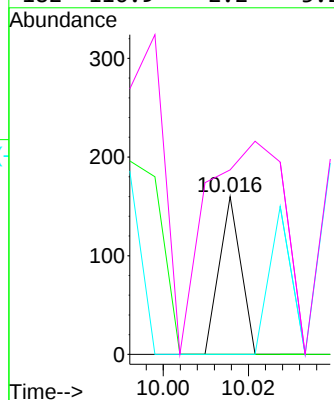
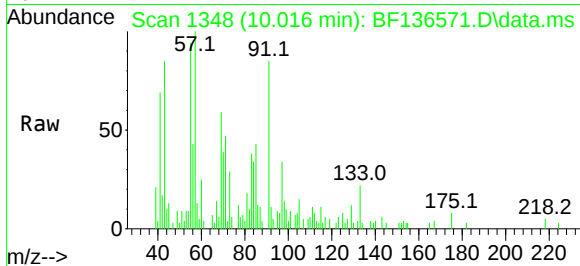




#57
2,4-Dinitrotoluene
Concen: 7.840 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

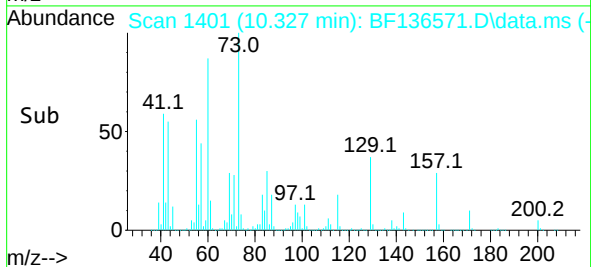
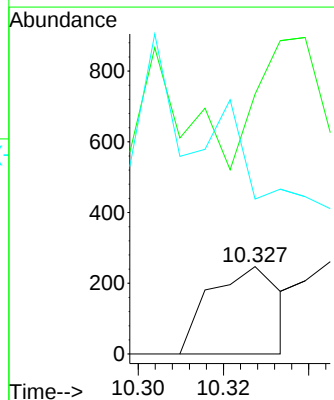
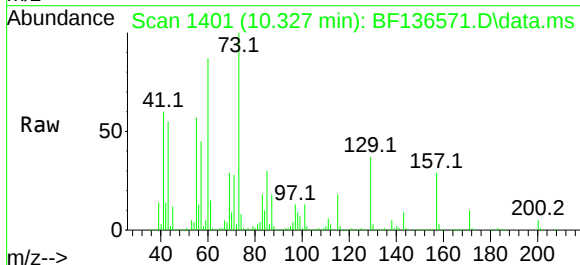
Instrument :
BNA_F
ClientSampleId :
EFF-WW

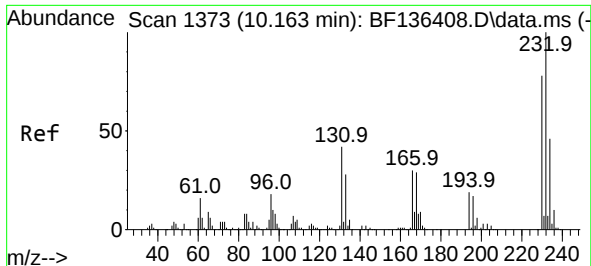
Tgt Ion:165	Resp:	56
Ion Ratio	Lower	Upper
165	100	
63	0.0	31.4 47.2#
89	0.0	51.7 77.5#
182	116.9	2.2 3.2#



#58
Fluorene
Concen: 12.245 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.047 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

Tgt Ion:166	Resp:	283
Ion Ratio	Lower	Upper
166	100	
165	297.6	80.5 120.7#
167	177.3	10.5 15.7#





#59

2,3,4,6-Tetrachlorophenol

Concen: 20.664 ng

RT: 10.157 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

EFF-WW

Tgt Ion:232 Resp: 122

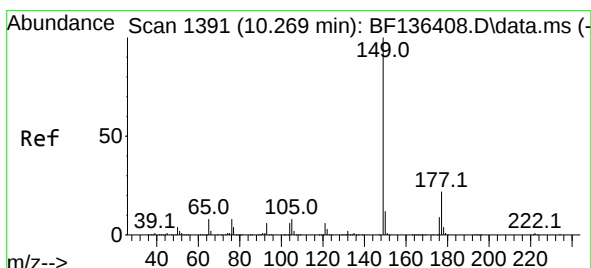
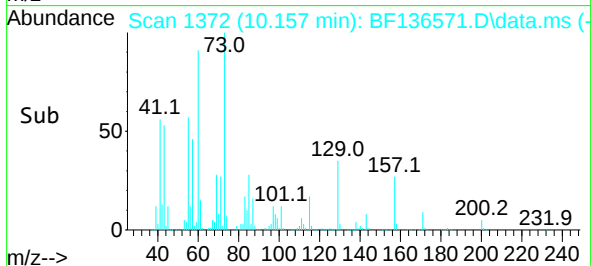
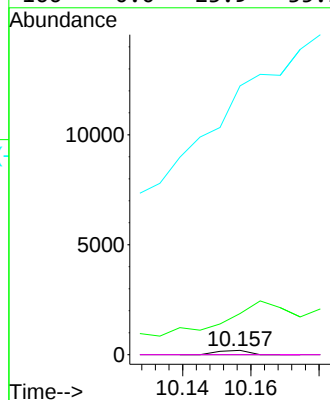
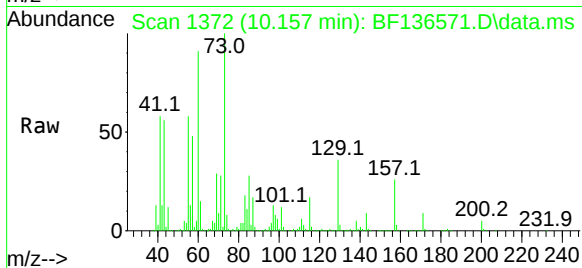
Ion Ratio Lower Upper

232 100

131 4049.2 34.3 51.5#

130 0.0 1.6 2.4#

166 0.0 23.9 35.9#



#60

Diethylphthalate

Concen: 34.490 ng

RT: 10.210 min Scan# 1381

Delta R.T. -0.041 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

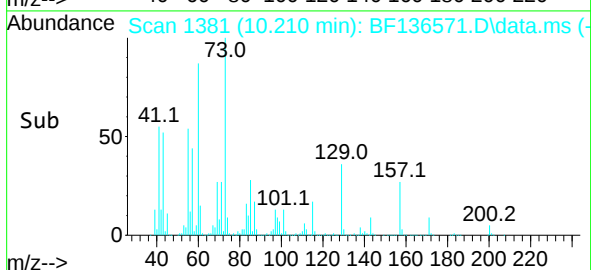
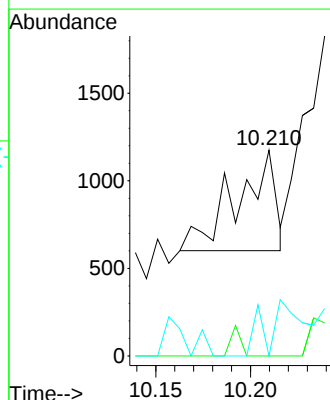
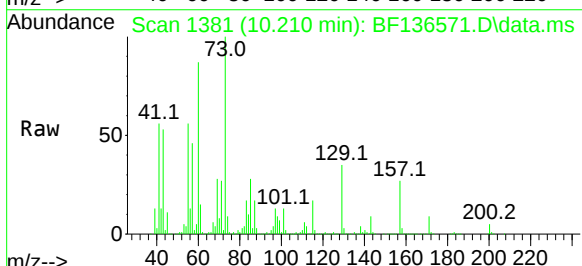
Tgt Ion:149 Resp: 814

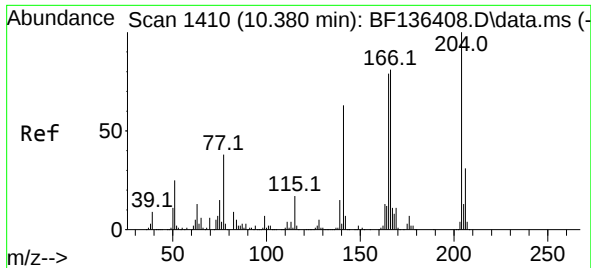
Ion Ratio Lower Upper

149 100

177 0.0 17.8 26.8#

150 0.0 9.4 14.0#

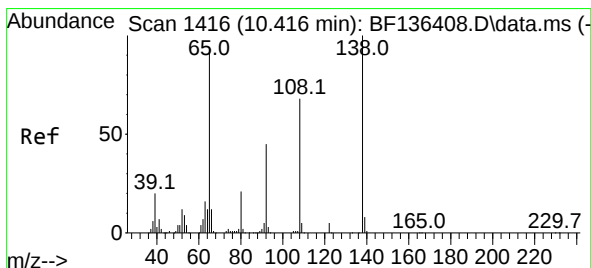
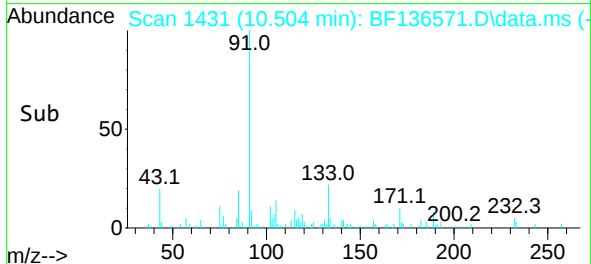
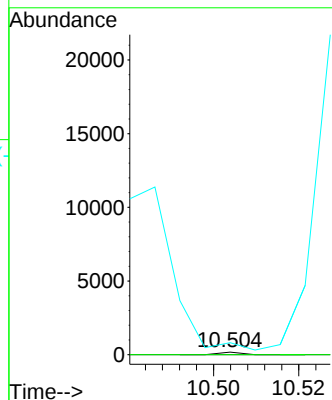
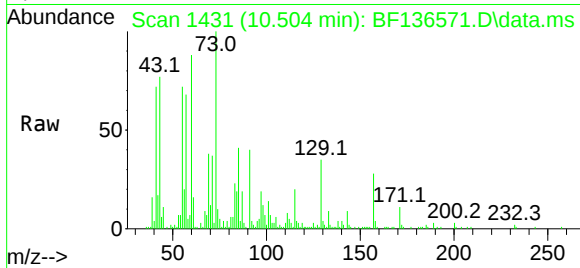




#61
4-Chlorophenyl-phenylether
Concen: 5.503 ng
RT: 10.504 min Scan# 1410
Delta R.T. 0.135 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

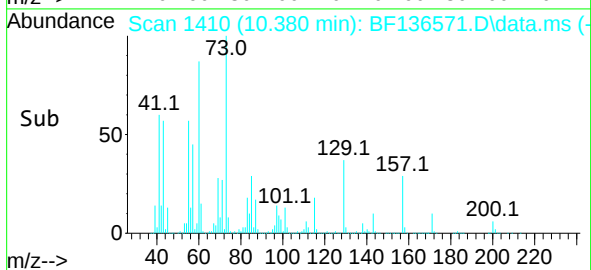
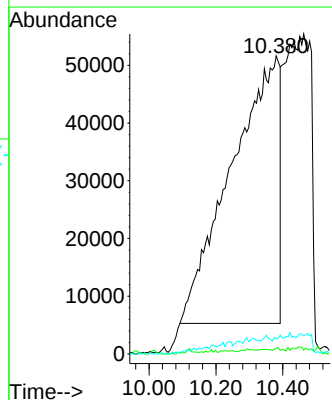
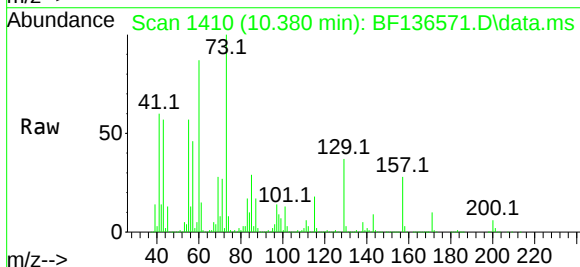
Instrument :
BNA_F
ClientSampleId :
EFF-WW

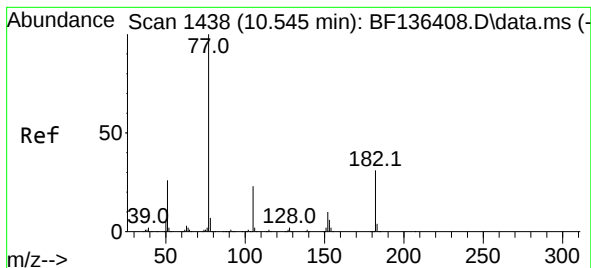
Tgt Ion:204 Resp: 62
Ion Ratio Lower Upper
204 100
206 0.0 24.6 36.8#
141 461.9 50.3 75.5#



#62
4-Nitroaniline
Concen: 84633.952 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.024 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

Tgt Ion:138 Resp: 463375
Ion Ratio Lower Upper
138 100
92 1.9 25.0 65.0#
108 5.2 47.9 87.9#





#63

Azobenzene

Concen: 45.108 ng

RT: 10.533 min Scan# 1438

Delta R.T. 0.006 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

EFF-WW

Tgt Ion: 77 Resp: 969

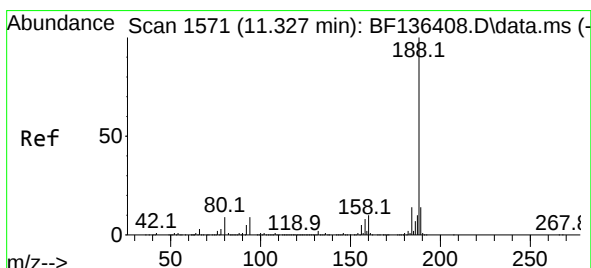
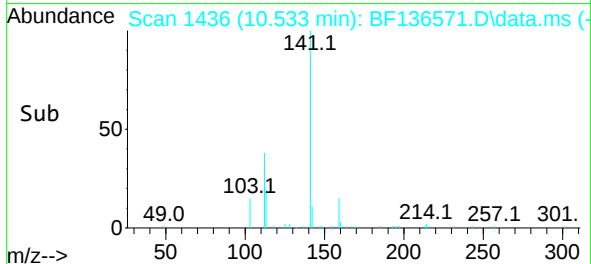
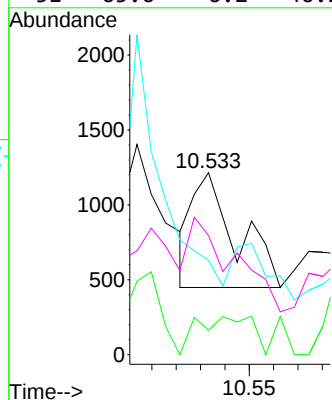
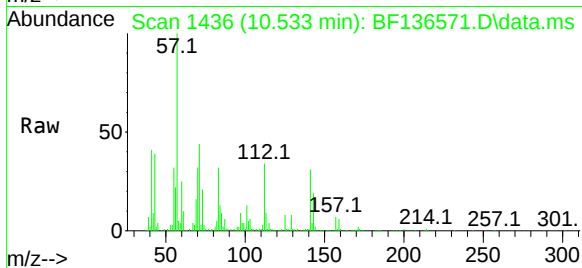
Ion Ratio Lower Upper

77 100

182 13.6 10.8 50.8

105 51.9 2.6 42.6#

51 65.6 6.2 46.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1571

Delta R.T. 0.012 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

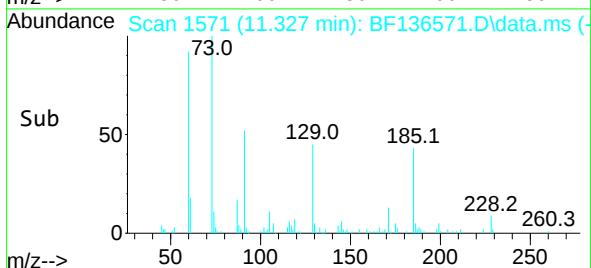
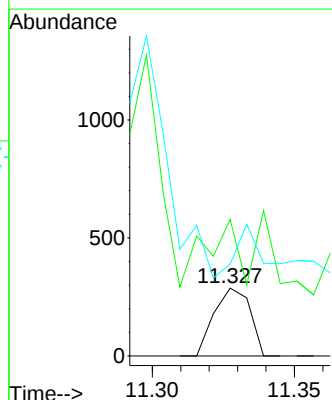
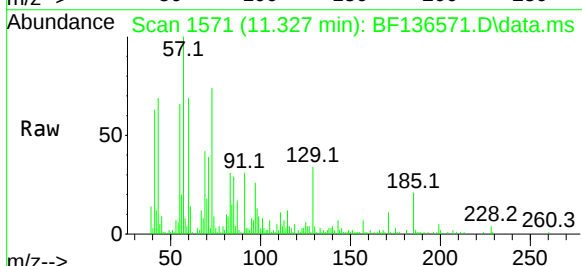
Tgt Ion: 188 Resp: 251

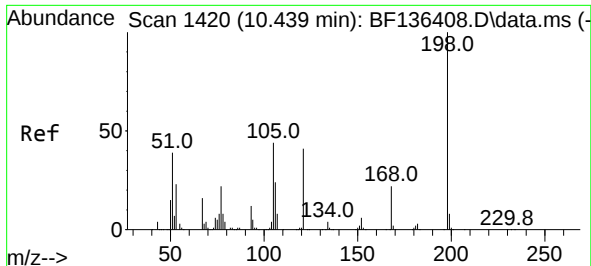
Ion Ratio Lower Upper

188 100

94 201.4 7.2 10.8#

80 135.5 7.2 10.8#

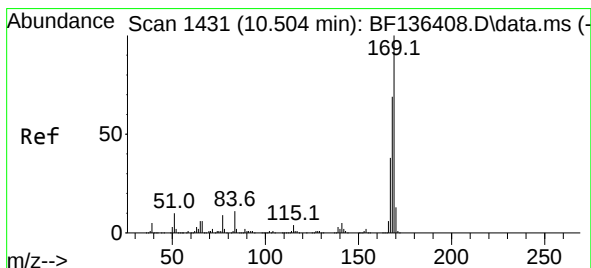
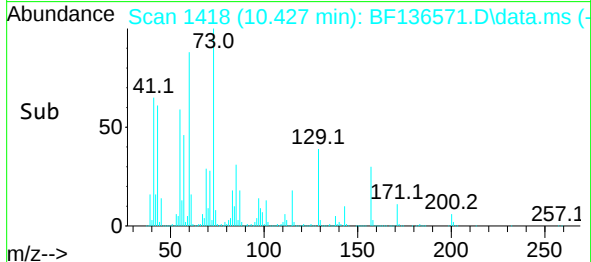
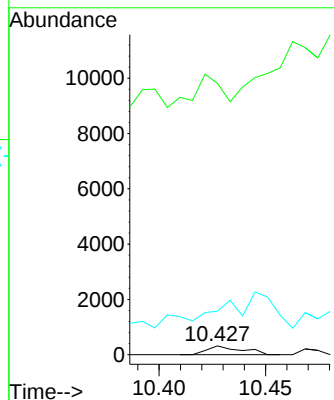
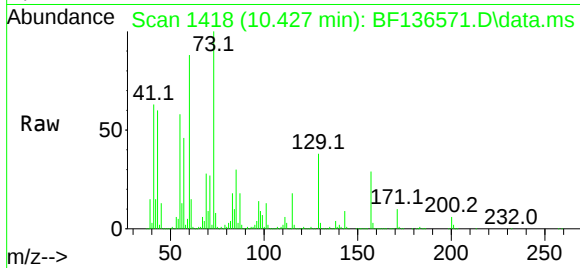




#65
4,6-Dinitro-2-methylphenol
Concen: 229.016 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

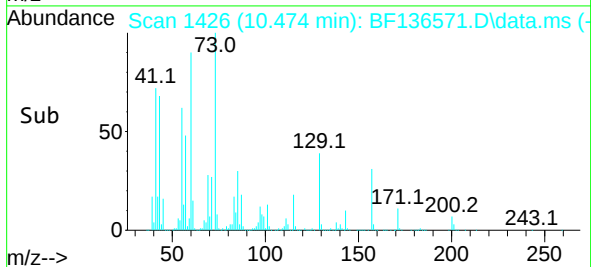
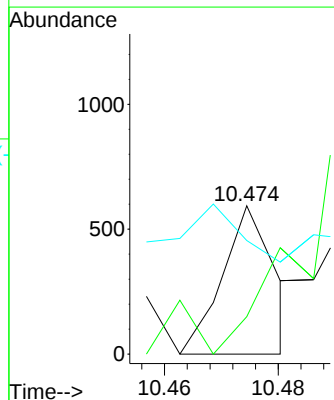
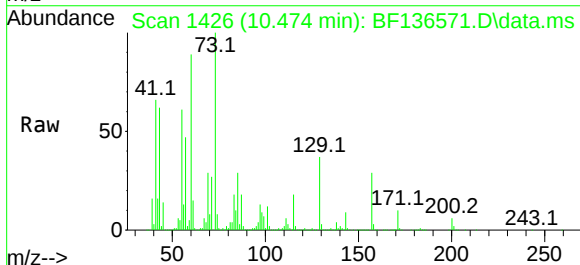
Instrument :
BNA_F
ClientSampleId :
EFF-WW

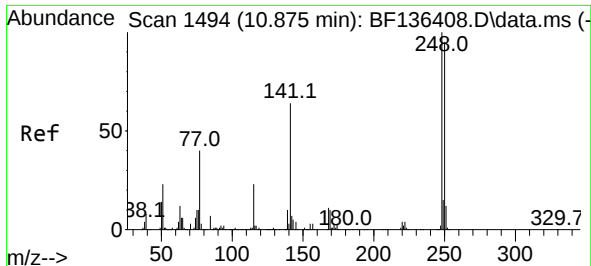
Tgt Ion:198 Resp: 356
Ion Ratio Lower Upper
198 100
51 3096.2 24.1 64.1#
105 495.9 24.8 64.8#



#66
n-Nitrosodiphenylamine
Concen: 47.926 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.018 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

Tgt Ion:169 Resp: 386
Ion Ratio Lower Upper
169 100
168 25.3 55.3 82.9#
167 76.6 30.1 45.1#

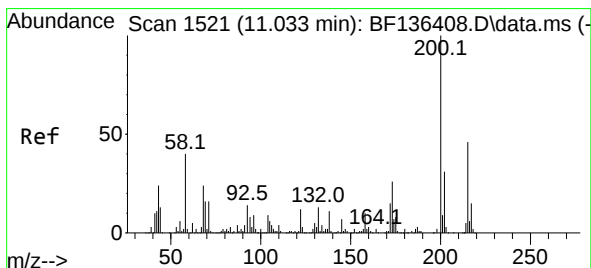
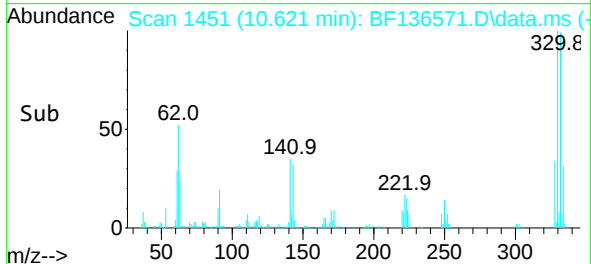
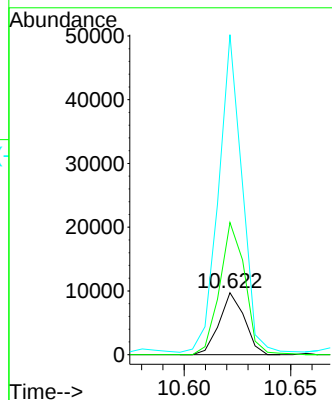
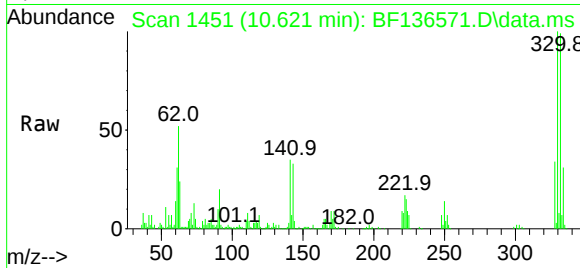




#67
4-Bromophenyl-phenylether
Concen: 2730.378 ng
RT: 10.621 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

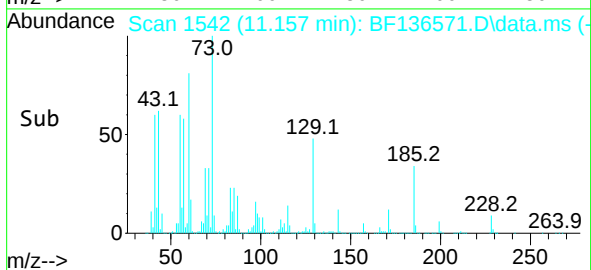
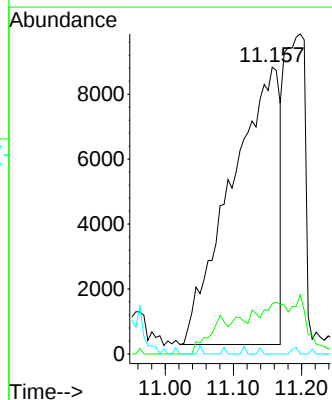
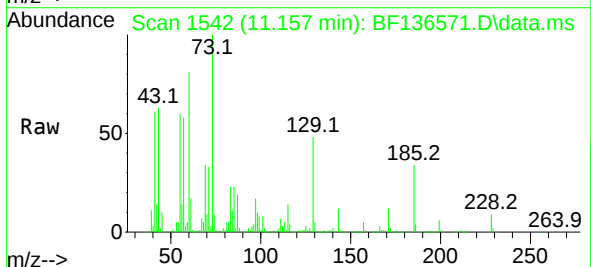
Instrument :
BNA_F
ClientSampleId :
EFF-WW

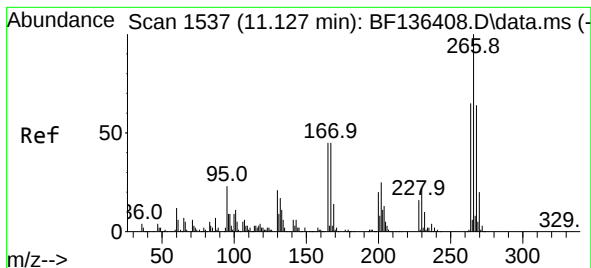
Tgt Ion:248 Resp: 7968
Ion Ratio Lower Upper
248 100
250 213.2 76.2 114.2#
141 516.1 51.0 76.4#



#69
Atrazine
Concen: 18282.044 ng
RT: 11.157 min Scan# 1542
Delta R.T. 0.135 min
Lab File: BF136571.D
Acq: 14 Dec 2023 16:42

Tgt Ion:200 Resp: 42026
Ion Ratio Lower Upper
200 100
173 17.5 6.0 46.0
215 0.0 25.5 65.5#





#70

Pentachlorophenol

Concen: 41.501 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

EFF-WW

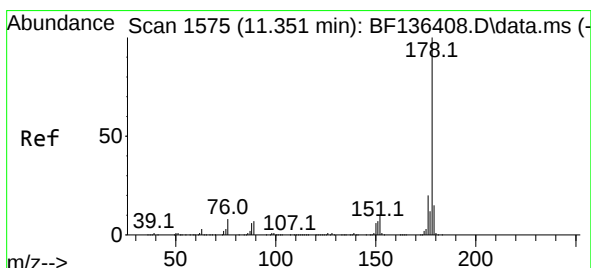
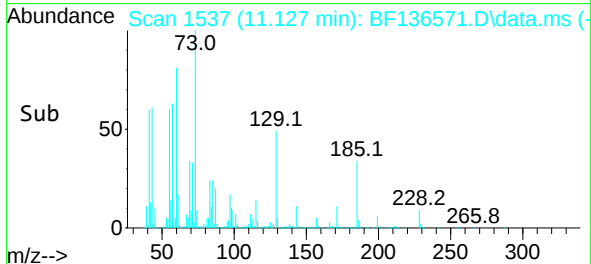
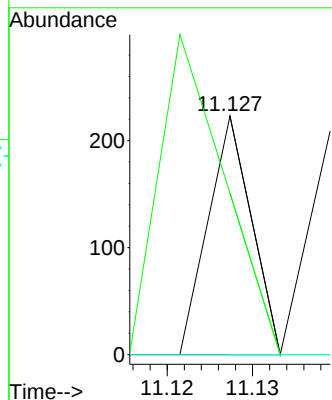
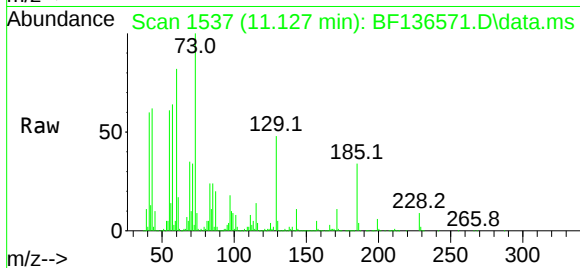
Tgt Ion:266 Resp: 79

Ion Ratio Lower Upper

266 100

268 67.7 51.0 76.6

264 0.0 52.2 78.4#



#71

Phenanthrene

Concen: 90.823 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.012 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

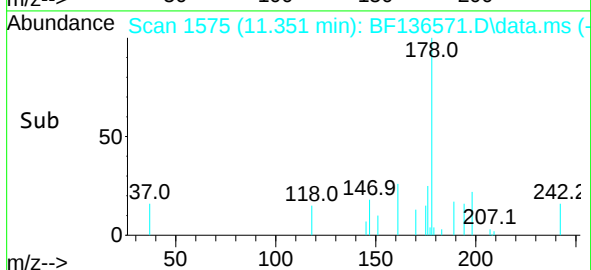
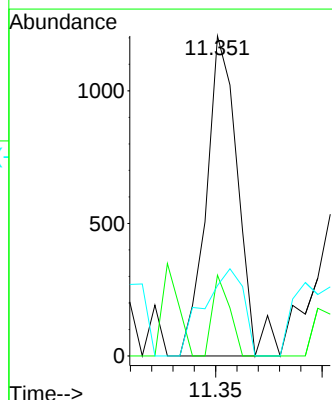
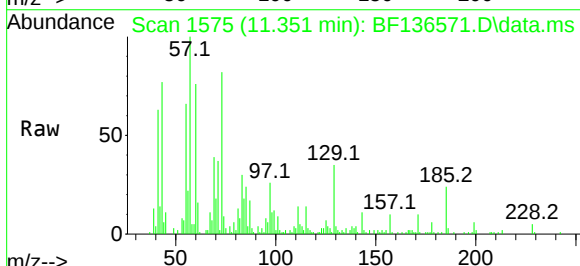
Tgt Ion:178 Resp: 1253

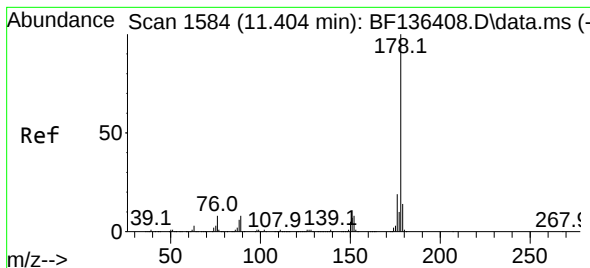
Ion Ratio Lower Upper

178 100

176 25.3 15.9 23.9#

179 22.0 11.8 17.6#





#72

Anthracene

Concen: 42.963 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.012 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

EFF-WW

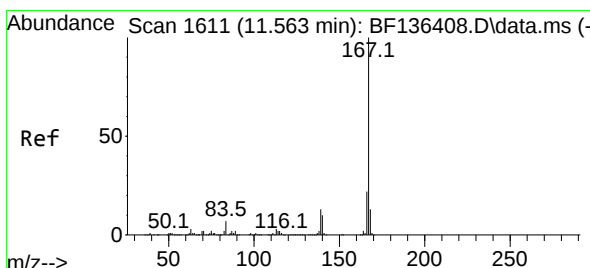
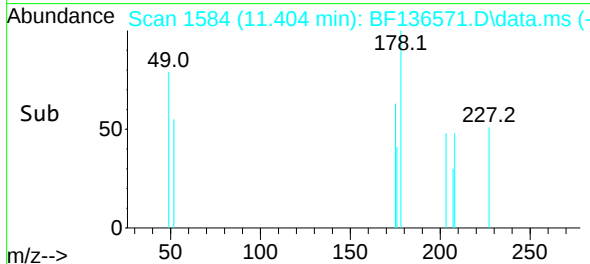
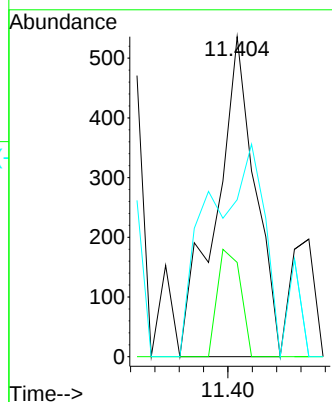
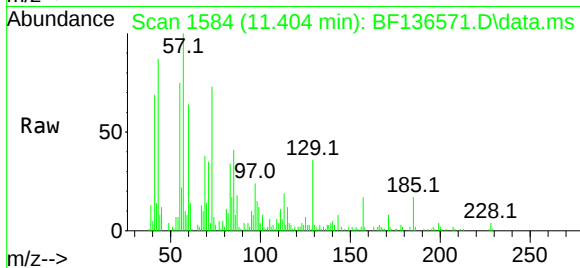
Tgt Ion:178 Resp: 597

Ion Ratio Lower Upper

178 100

176 29.5 15.3 22.9#

179 49.1 11.4 17.0#



#73

Carbazole

Concen: 66.755 ng

RT: 11.569 min Scan# 1612

Delta R.T. 0.018 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

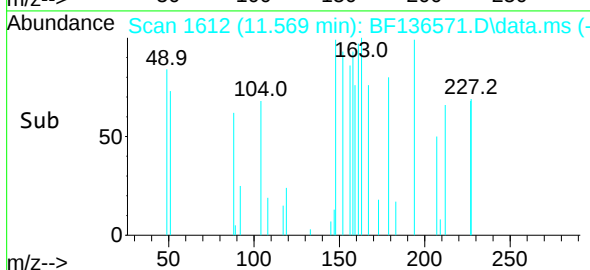
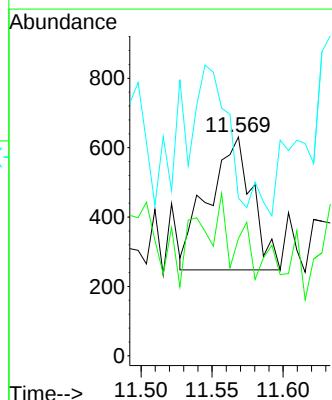
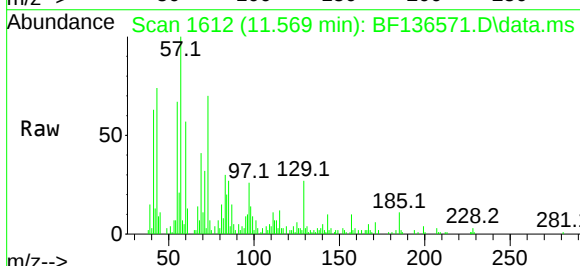
Tgt Ion:167 Resp: 821

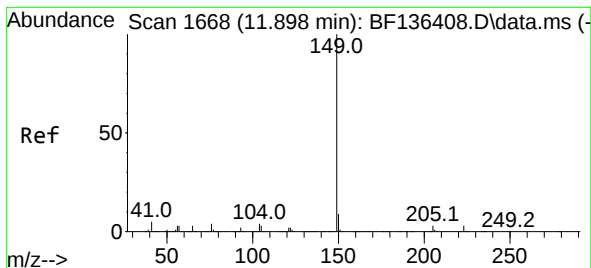
Ion Ratio Lower Upper

167 100

166 53.6 18.0 27.0#

139 72.1 10.2 15.4#





#74

Di-n-butylphthalate

Concen: 414.670 ng

RT: 11.898 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

EFF-WW

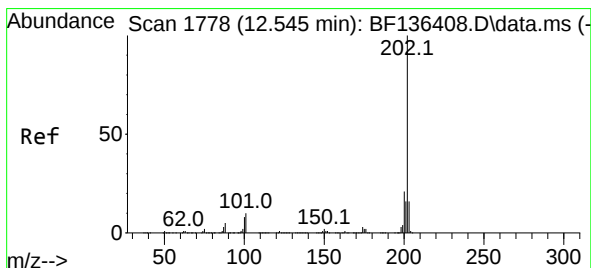
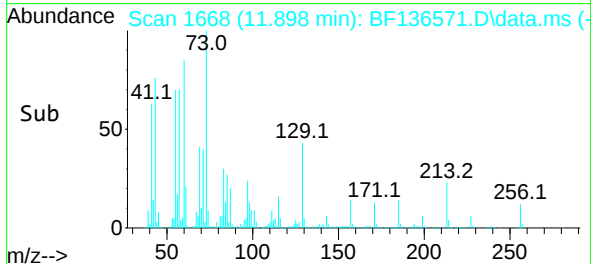
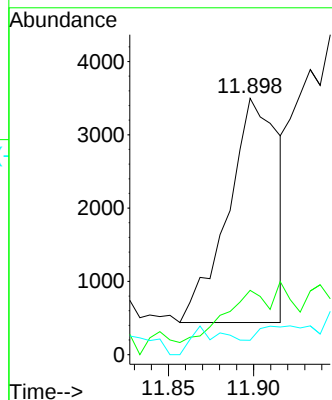
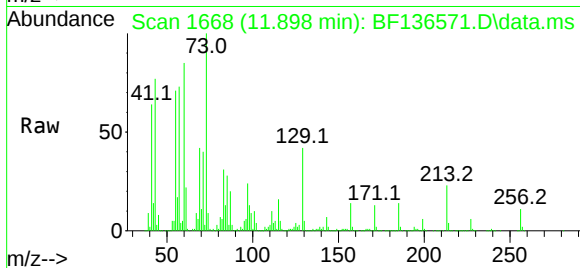
Tgt Ion:149 Resp: 6252

Ion Ratio Lower Upper

149 100

150 25.1 6.9 10.3#

104 5.6 3.5 5.3#



#75

Fluoranthene

Concen: 137.783 ng

RT: 12.557 min Scan# 1780

Delta R.T. 0.023 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

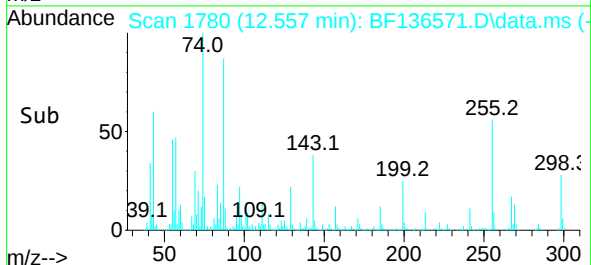
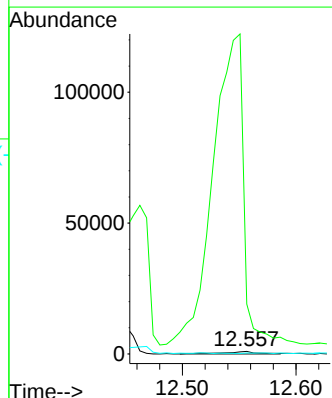
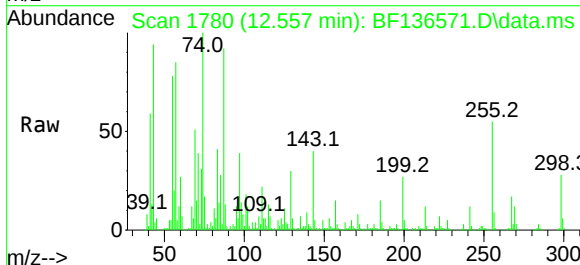
Tgt Ion:202 Resp: 1992

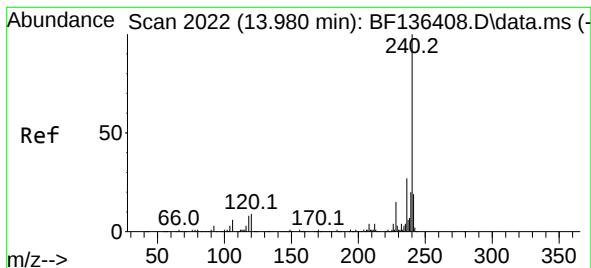
Ion Ratio Lower Upper

202 100

101 1941.5 0.0 29.9#

203 38.1 0.0 36.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

EFF-WW

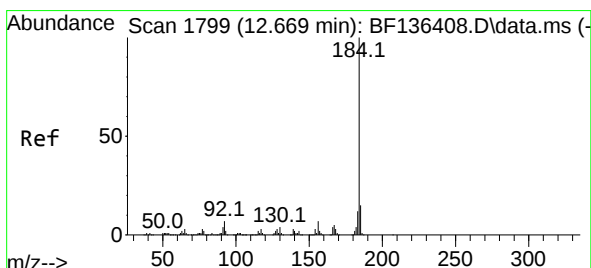
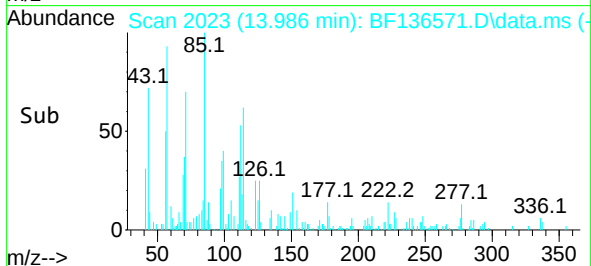
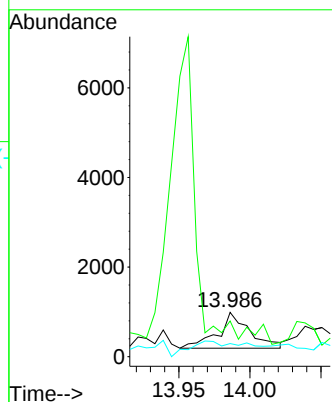
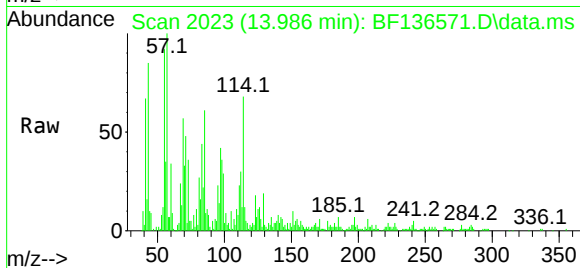
Tgt Ion:240 Resp: 1249

Ion Ratio Lower Upper

240 100

120 80.6 7.3 10.9#

236 29.7 21.3 31.9



#77

Benzidine

Concen: 138.255 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.088 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

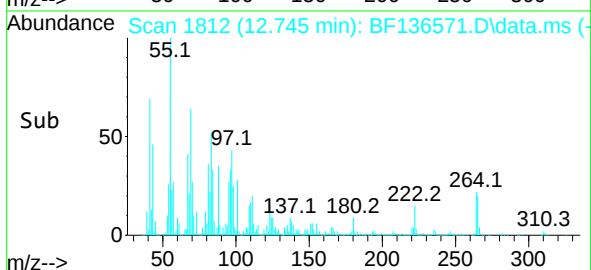
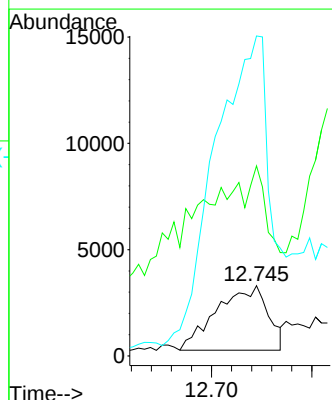
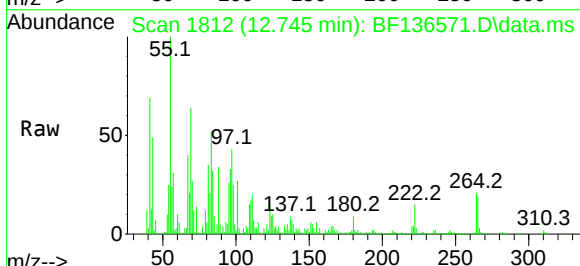
Tgt Ion:184 Resp: 10792

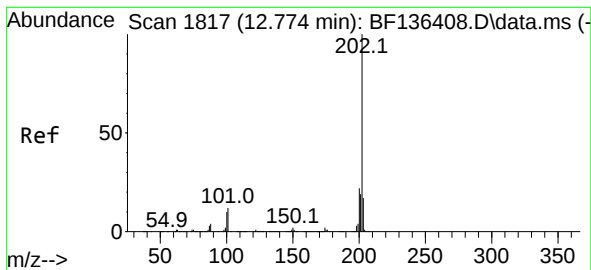
Ion Ratio Lower Upper

184 100

185 270.8 12.0 18.0#

183 455.8 9.4 14.0#





#78

Pyrene

Concen: 11.756 ng

RT: 12.780 min Scan# 1817

Delta R.T. 0.018 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

EFF-WW

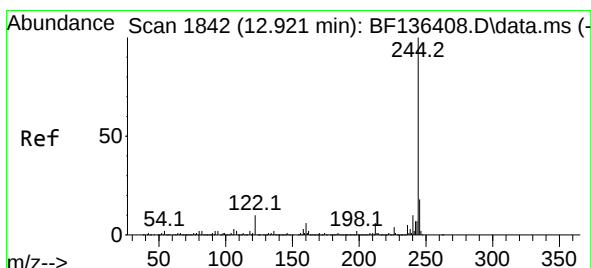
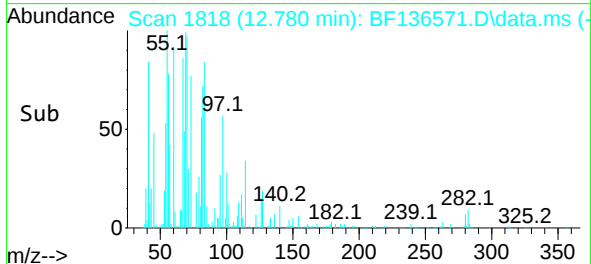
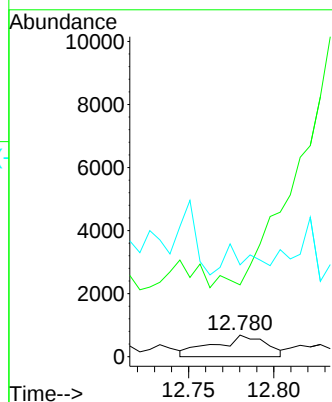
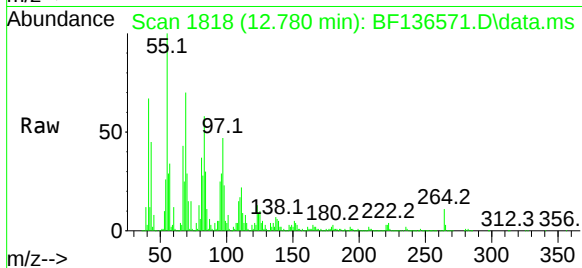
Tgt Ion:202 Resp: 1438

Ion Ratio Lower Upper

202 100

200 331.4 18.0 27.0#

203 424.2 13.5 20.3#



#79

Terphenyl-d14

Concen: 5775.178 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.070 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

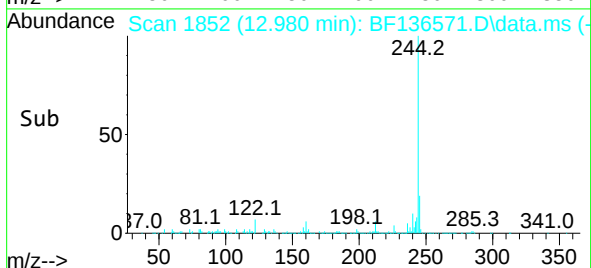
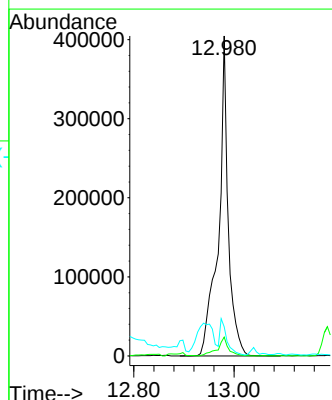
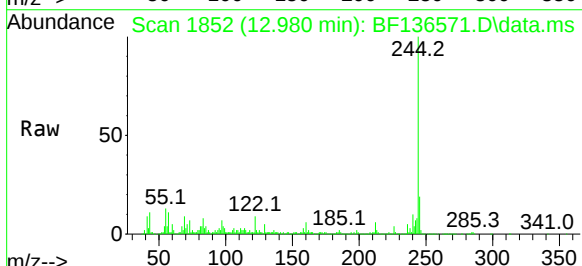
Tgt Ion:244 Resp: 547265

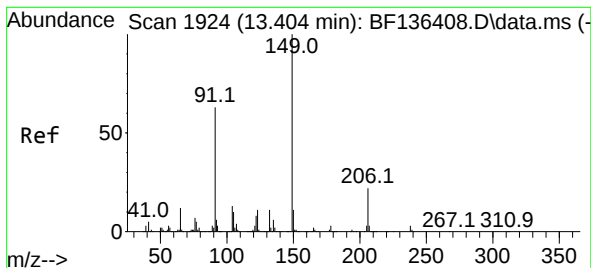
Ion Ratio Lower Upper

244 100

212 5.9 5.0 7.4

122 9.1 8.3 12.5





#80

Butylbenzylphthalate

Concen: 204.113 ng

RT: 13.415 min Scan# 1924

Delta R.T. 0.029 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

EFF-WW

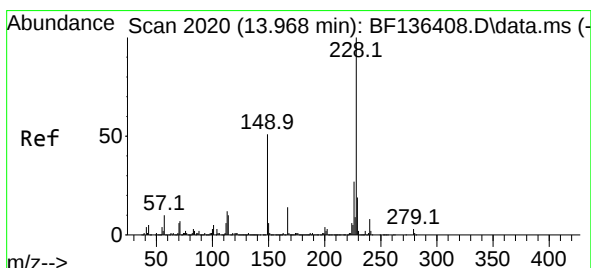
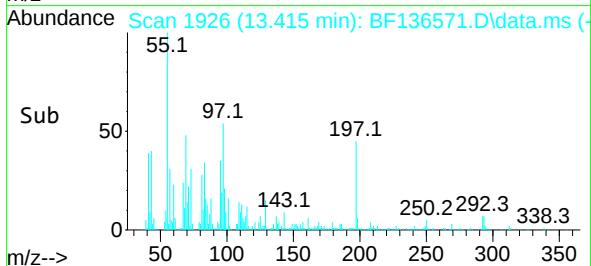
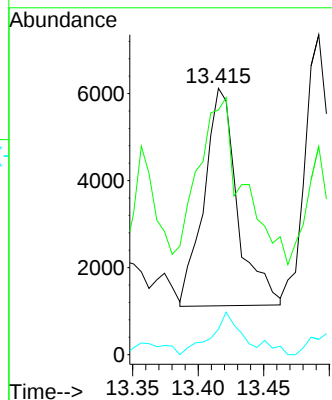
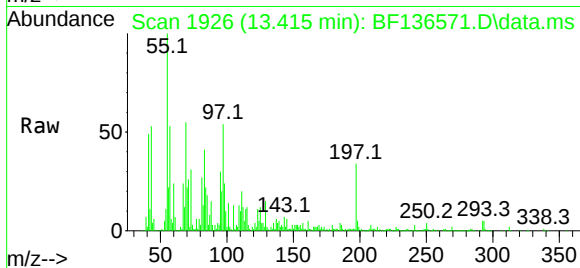
Tgt Ion:149 Resp: 8888

Ion Ratio Lower Upper

149 100

91 91.8 50.5 75.7#

206 9.6 17.4 26.2#



#81

Benzo(a)anthracene

Concen: 15.885 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.023 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

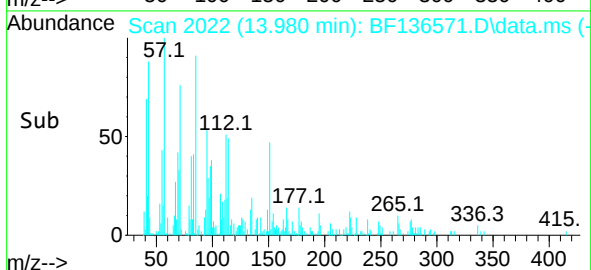
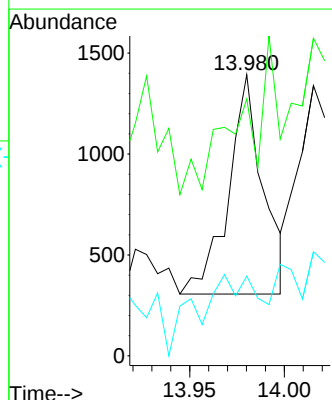
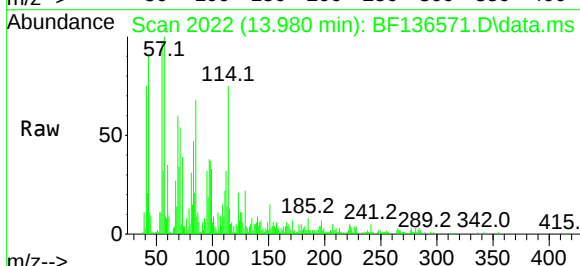
Tgt Ion:228 Resp: 1382

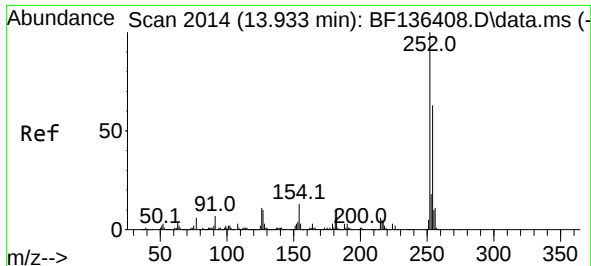
Ion Ratio Lower Upper

228 100

226 91.4 21.8 32.8#

229 28.4 15.0 22.4#

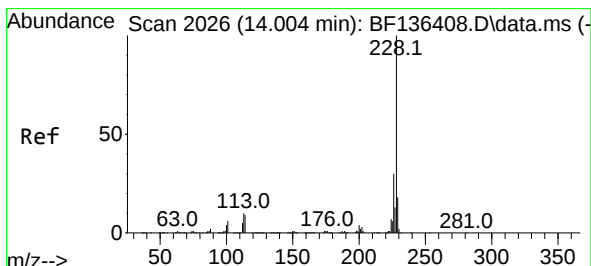
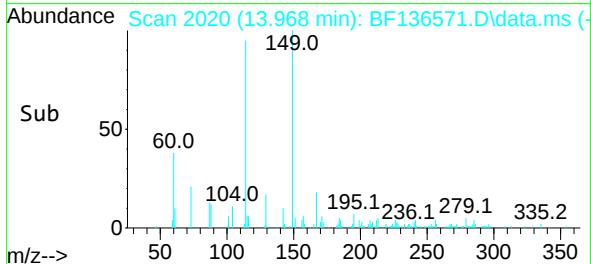
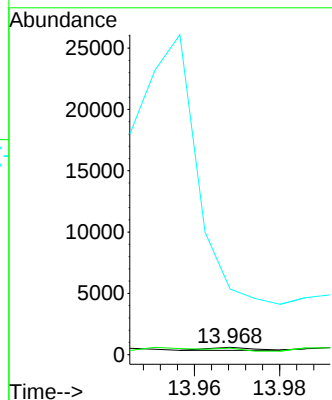
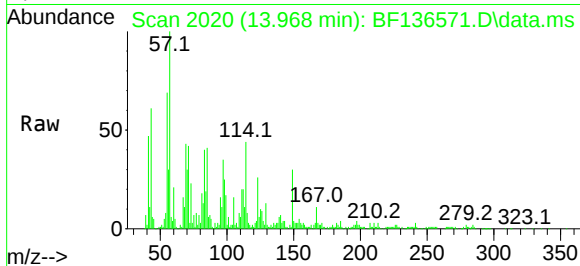




#82
 3,3'-Dichlorobenzidine
 Concen: 6.969 ng
 RT: 13.968 min Scan# 20
 Delta R.T. 0.047 min
 Lab File: BF136571.D
 Acq: 14 Dec 2023 16:42

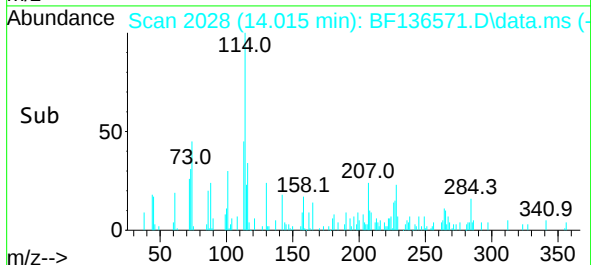
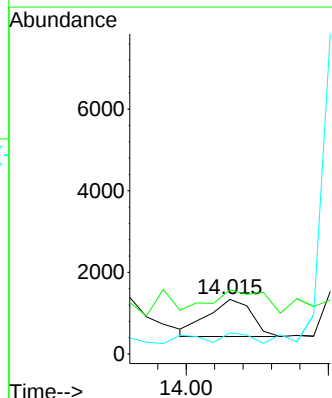
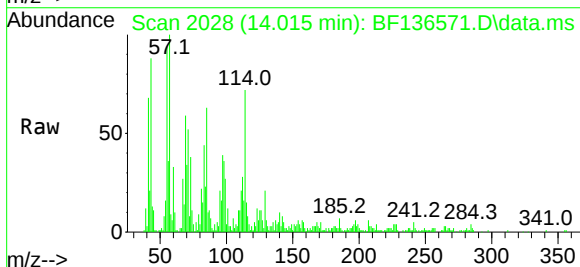
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

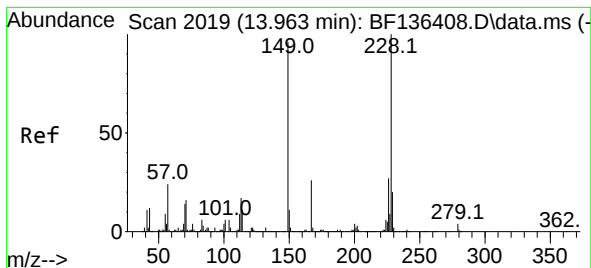
Tgt Ion:252 Resp: 170
 Ion Ratio Lower Upper
 252 100
 254 90.6 50.8 76.2#
 126 900.0 8.6 12.8#



#83
 Chrysene
 Concen: 11.379 ng
 RT: 14.015 min Scan# 2028
 Delta R.T. 0.023 min
 Lab File: BF136571.D
 Acq: 14 Dec 2023 16:42

Tgt Ion:228 Resp: 974
 Ion Ratio Lower Upper
 228 100
 226 117.6 23.8 35.6#
 229 38.5 14.8 22.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 299.224 ng

RT: 13.968 min Scan# 2019

Delta R.T. 0.018 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

EFF-WW

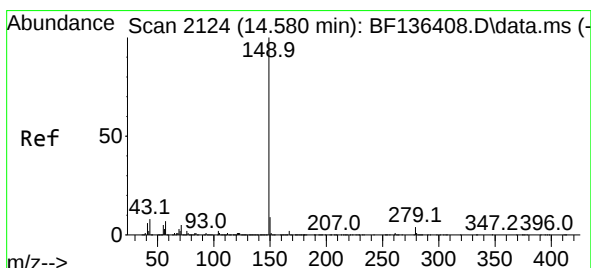
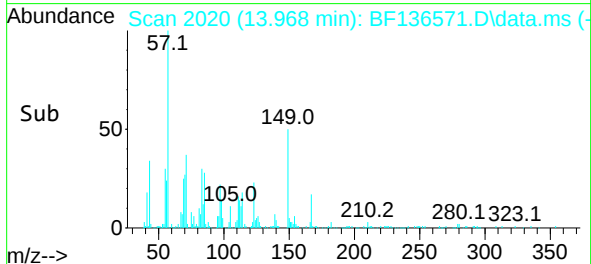
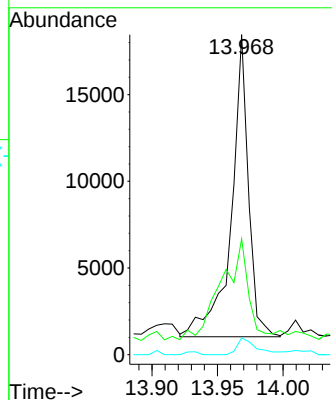
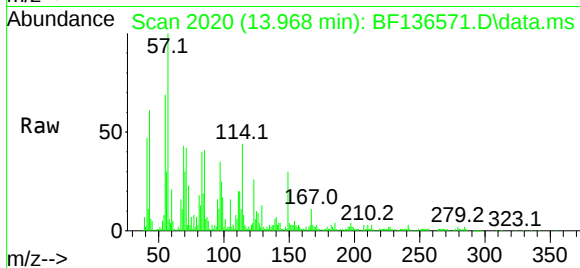
Tgt Ion:149 Resp: 15973

Ion Ratio Lower Upper

149 100

167 36.2 21.2 31.8#

279 5.3 3.1 4.7#



#85

Di-n-octyl phthalate

Concen: 32.048 ng

RT: 14.615 min Scan# 2130

Delta R.T. 0.047 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

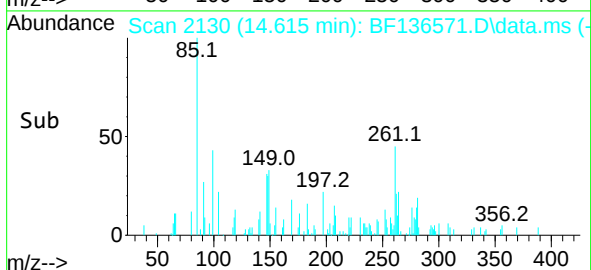
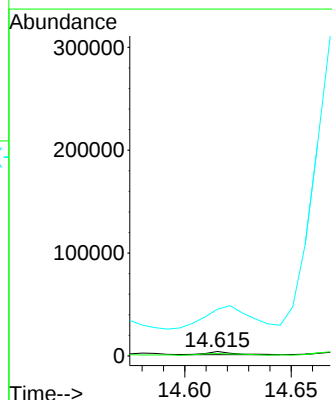
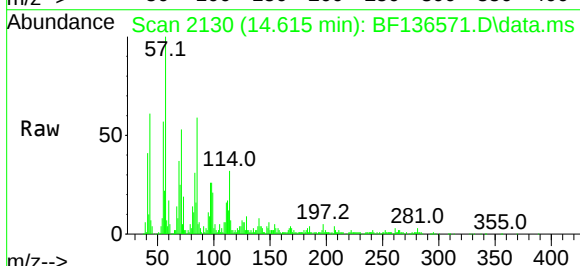
Tgt Ion:149 Resp: 2527

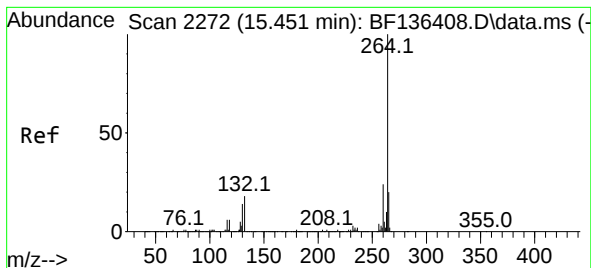
Ion Ratio Lower Upper

149 100

167 86.7 1.3 1.9#

43 0.0 6.8 10.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.362 min Scan# 2180

Delta R.T. -0.077 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

EFF-WW

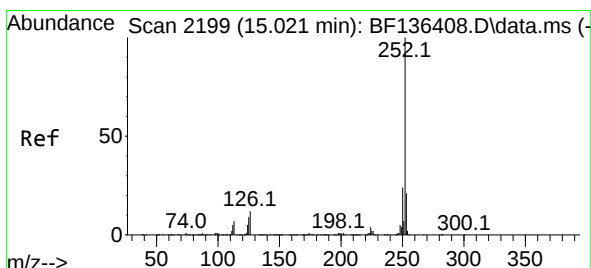
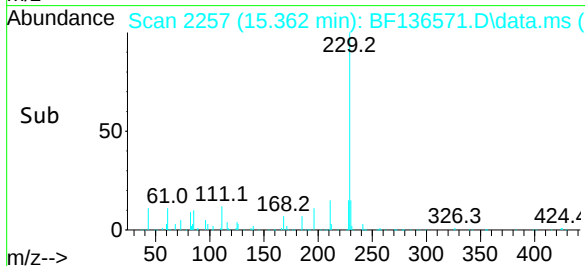
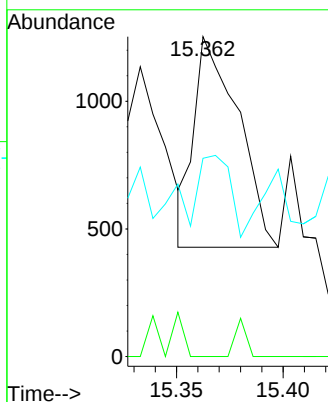
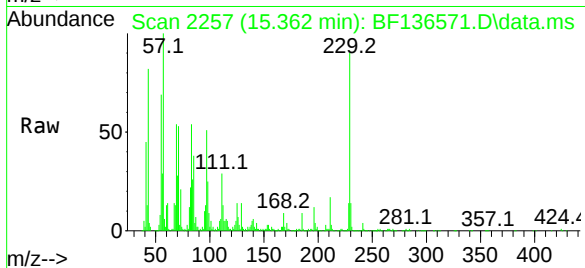
Tgt Ion:264 Resp: 1188

Ion Ratio Lower Upper

264 100

260 0.0 19.2 28.8#

265 62.0 15.9 23.9#



#88

Benzo(b)fluoranthene

Concen: 7.017 ng

RT: 14.909 min Scan# 2180

Delta R.T. -0.100 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

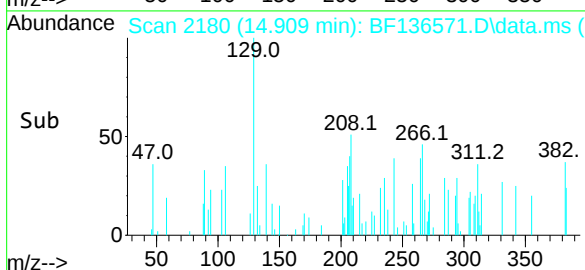
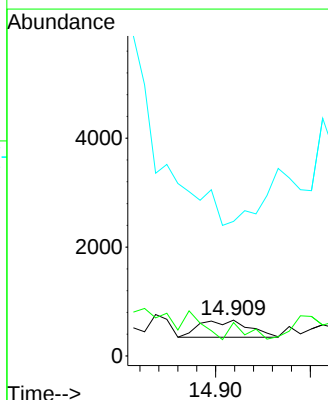
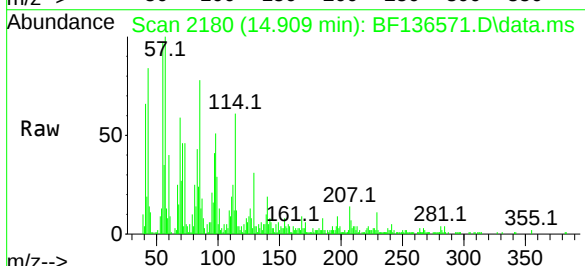
Tgt Ion:252 Resp: 570

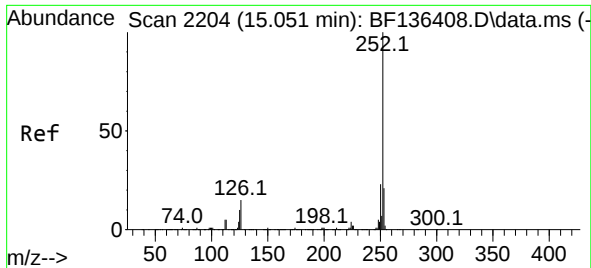
Ion Ratio Lower Upper

252 100

253 93.2 16.9 25.3#

125 375.0 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 6.989 ng

RT: 14.968 min Scan# 2190

Delta R.T. -0.071 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

EFF-WW

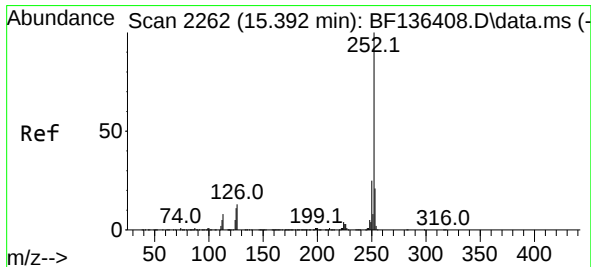
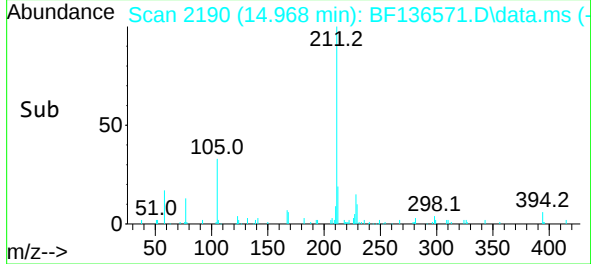
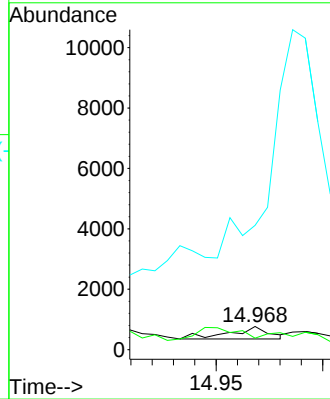
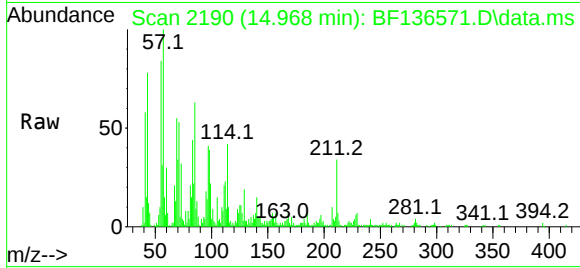
Tgt Ion:252 Resp: 535

Ion Ratio Lower Upper

252 100

253 49.6 16.9 25.3#

125 535.7 7.5 11.3#



#90

Benzo(a)pyrene

Concen: 7.051 ng

RT: 15.333 min Scan# 2252

Delta R.T. -0.047 min

Lab File: BF136571.D

Acq: 14 Dec 2023 16:42

Tgt Ion:252 Resp: 473

Ion Ratio Lower Upper

252 100

253 77.0 17.0 25.4#

125 532.3 8.6 13.0#

