

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136555.D
 Acq On : 14 Dec 2023 00:29
 Operator : CG\JU
 Sample : 05592-02 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW05D-NAPL

Quant Time: Dec 14 01:47:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

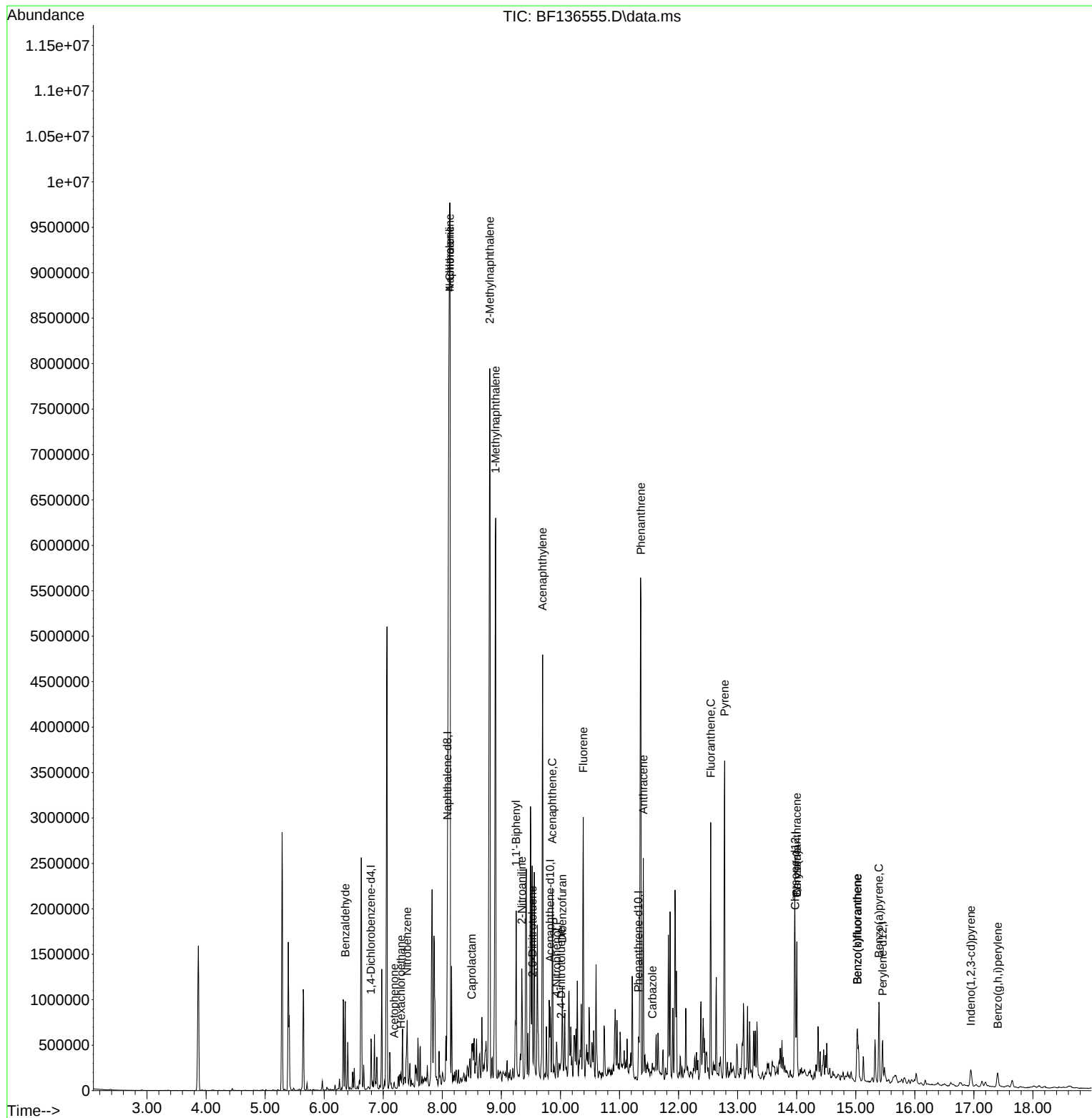
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	87887	20.000	ng	-0.01
21) Naphthalene-d8	8.086	136	291505	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	150762	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	220901	20.000	ng	0.00
76) Chrysene-d12	13.974	240	182922	20.000	ng	0.00
86) Perylene-d12	15.457	264	204876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	8255	1.387	ng	0.00
7) Phenol-d6	6.434	99	9342	1.258	ng	-0.01
23) Nitrobenzene-d5	7.092	82	353	0.065	ng	-0.28
42) 2,4,6-Tribromophenol	10.622	330	1192	0.641	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	14521	1.314	ng	-0.02
79) Terphenyl-d14	12.910	244	12739	0.918	ng	-0.01
Target Compounds					Qvalue	
9) Benzaldehyde	6.357	77	37058	7.442	ng	# 1
18) Hexachloroethane	7.298	117	30484	11.781	ng	# 2
22) Acetophenone	7.187	105	16088	2.235	ng	# 60
24) Nitrobenzene	7.404	77	16362	3.016	ng	# 4
31) Naphthalene	8.128	128	10492813	652.728	ng	95
33) 4-Chloroaniline	8.128	127	1624735	283.500	ng	# 43
35) Caprolactam	8.498	113	4757	3.559	ng	# 48
37) 2-Methylnaphthalene	8.804	142	3286581	321.364	ng	97
38) 1-Methylnaphthalene	8.904	142	2096338	208.892	ng	100
46) 1,1'-Biphenyl	9.251	154	526028	41.005	ng	98
48) 2-Nitroaniline	9.345	65	8109	3.028	ng	# 32
49) Acenaphthylene	9.698	152	1854923	130.415	ng	97
51) 2,6-Dinitrotoluene	9.528	165	8815	3.530	ng	# 82
52) Acenaphthene	9.863	154	424010	46.521	ng	96
55) Dibenzofuran	10.033	168	124487	9.349	ng	# 80
56) 4-Nitrophenol	9.933	139	9112	4.767	ng	# 34
57) 2,4-Dinitrotoluene	10.010	165	12336	3.734	ng	# 54
58) Fluorene	10.386	166	843403	78.908	ng	99
71) Phenanthrene	11.363	178	2866380	236.077	ng	99
72) Anthracene	11.404	178	856014	69.997	ng	98
73) Carbazole	11.557	167	30329	2.802	ng	# 90
75) Fluoranthene	12.545	202	1052555	82.723	ng	97
77) Benzidine	12.639	184	462	Below Cal		# 1
78) Pyrene	12.780	202	1573526	87.834	ng	98
81) Benzo(a)anthracene	14.004	228	543541	42.659	ng	95
83) Chrysene	14.004	228	543541	43.358	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	123959	8.709	ng	97
88) Benzo(b)fluoranthene	15.027	252	504508	36.016	ng	96
89) Benzo(k)fluoranthene	15.027	252	504508	38.217	ng	96
90) Benzo(a)pyrene	15.392	252	460254	39.786	ng	98
92) Benzo(g,h,i)perylene	17.404	276	127842	10.682	ng	97

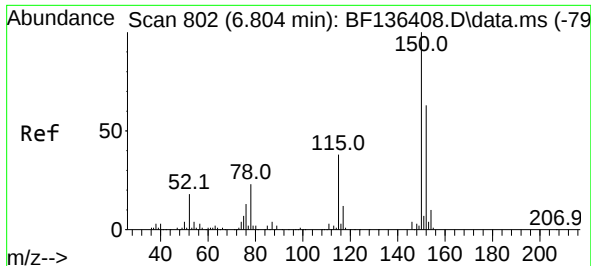
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 14 01:47:32 2023
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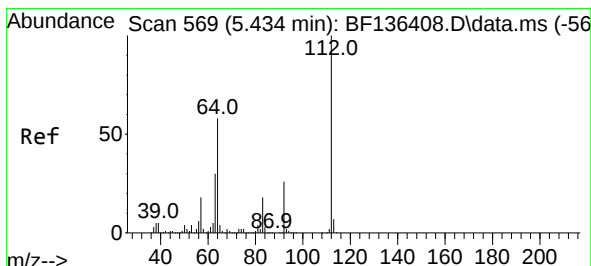
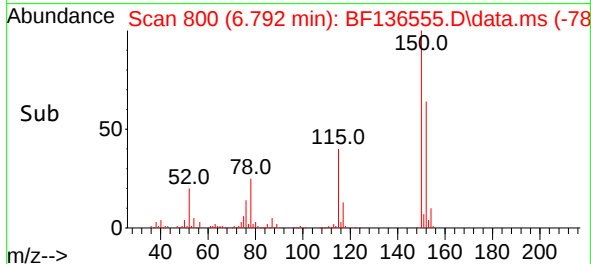
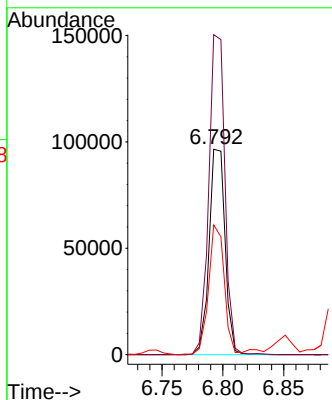
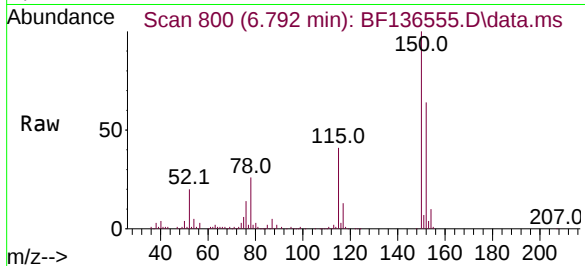




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 802
 Delta R.T. -0.012 min
 Lab File: BF136555.D
 Acq: 14 Dec 2023 00:29

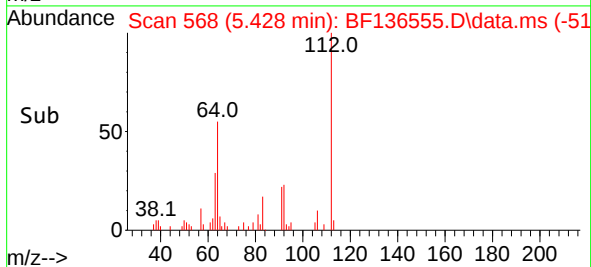
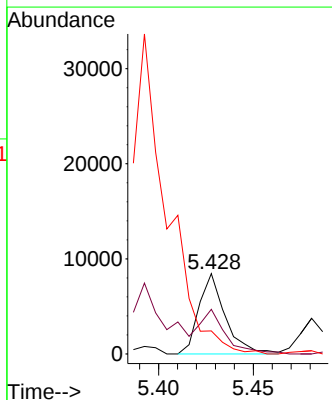
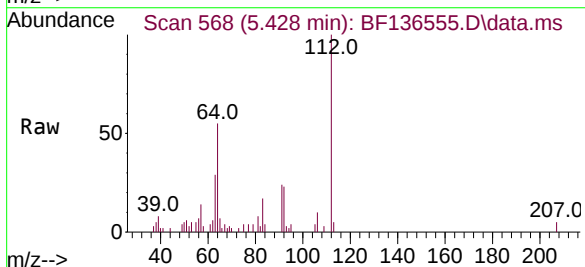
Instrument :
 BNA_F
 ClientSampleId :
 MW05D-NAPL

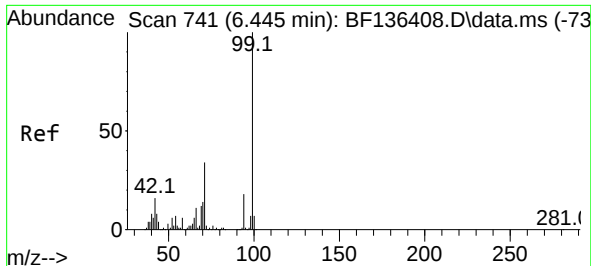
Tgt Ion:152 Resp: 87887
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.4 189.6
 115 63.1 48.2 72.4



#5
 2-Fluorophenol
 Concen: 1.387 ng
 RT: 5.428 min Scan# 568
 Delta R.T. -0.006 min
 Lab File: BF136555.D
 Acq: 14 Dec 2023 00:29

Tgt Ion:112 Resp: 8255
 Ion Ratio Lower Upper
 112 100
 64 55.5 46.5 69.7
 63 28.6 23.9 35.9

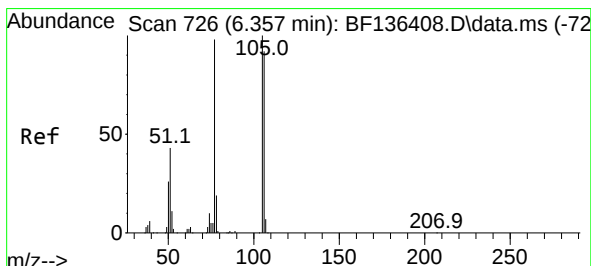
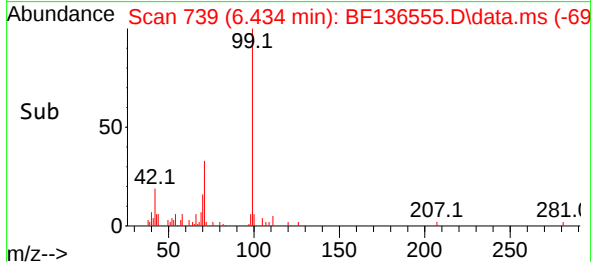
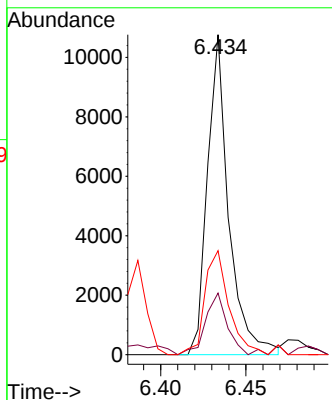
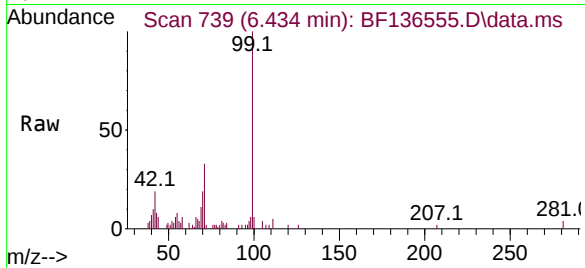




#7
Phenol-d6
Concen: 1.258 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

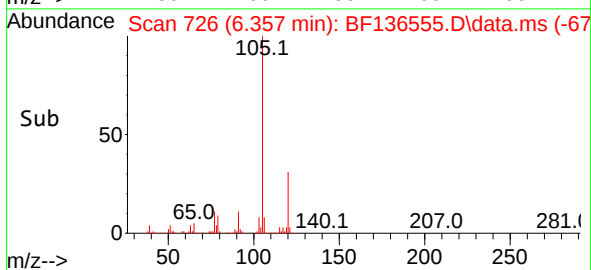
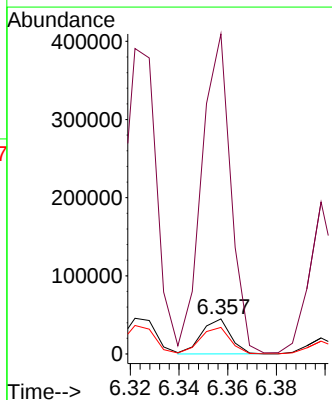
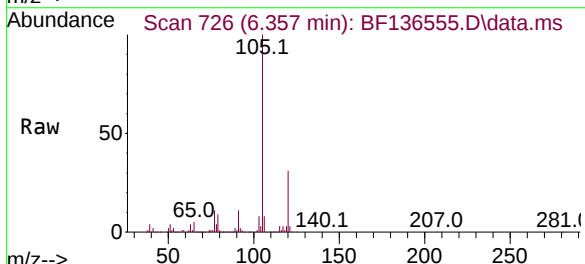
Instrument :
BNA_F
ClientSampleId :
MW05D-NAPL

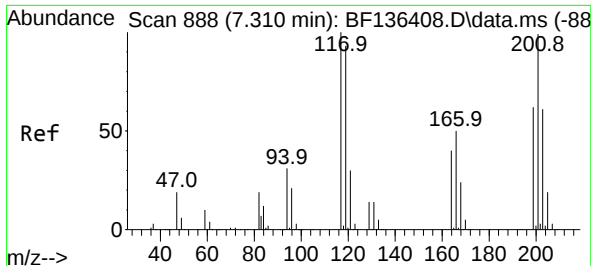
Tgt Ion: 99 Resp: 9342
Ion Ratio Lower Upper
99 100
42 19.2 12.8 19.2#
71 32.5 27.0 40.4



#9
Benzaldehyde
Concen: 7.442 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.000 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

Tgt Ion: 77 Resp: 37058
Ion Ratio Lower Upper
77 100
105 911.1 82.5 122.5#
106 75.7 74.5 114.5

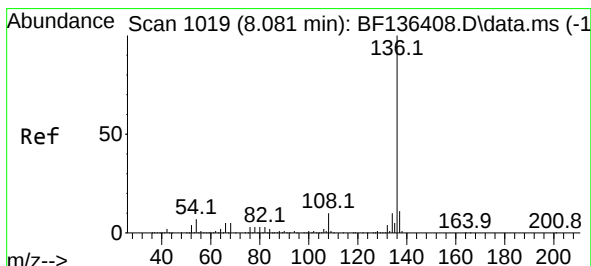
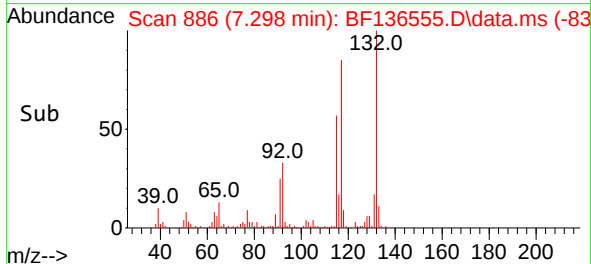
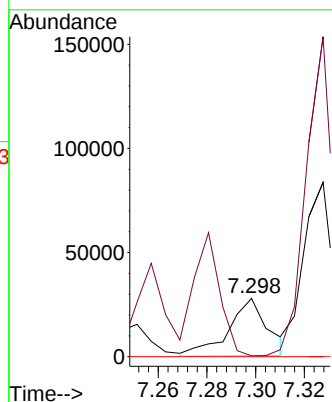
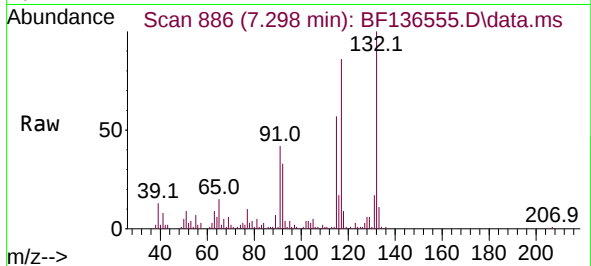




#18
Hexachloroethane
Concen: 11.781 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

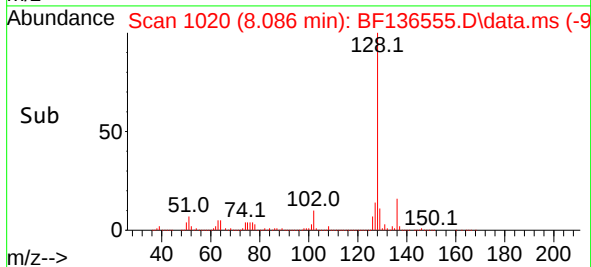
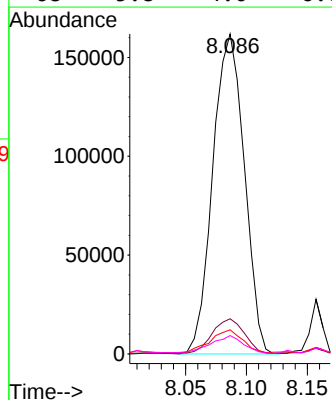
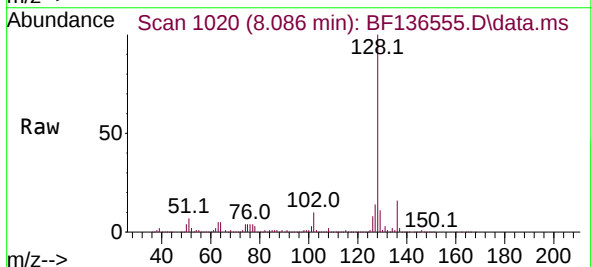
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BNA_F
ClientSampleId :
MW05D-NAPL

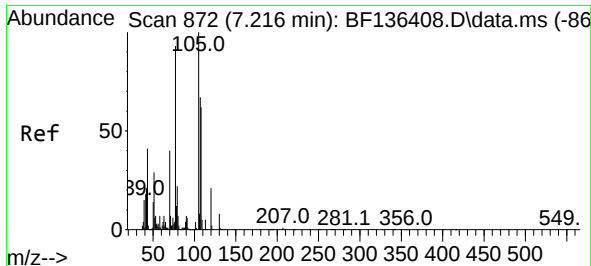
Tgt Ion:117 Resp: 30484
Ion Ratio Lower Upper
117 100
119 1.3 74.3 111.5#
201 0.0 79.3 118.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

Tgt Ion:136 Resp: 291505
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.5 5.7 8.5
68 5.8 4.0 6.0

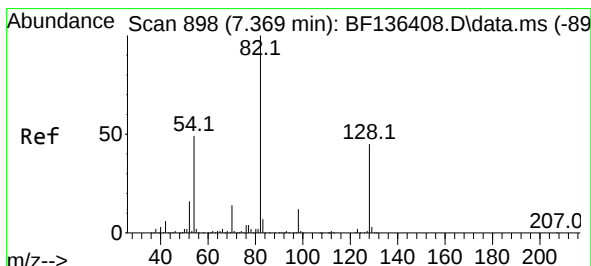
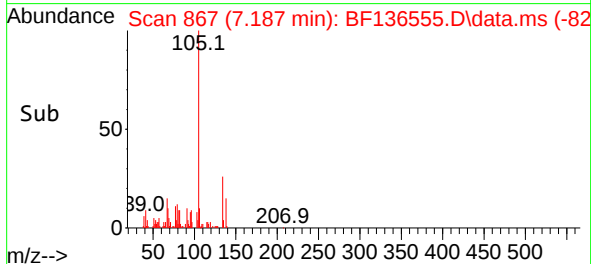
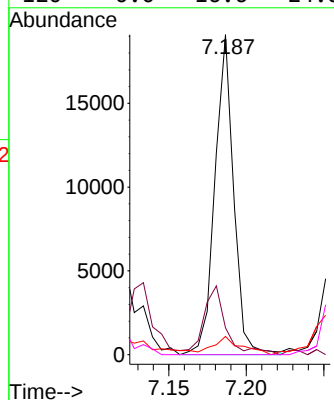
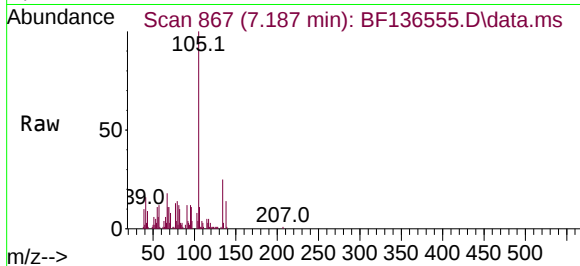




#22
Acetophenone
Concen: 2.235 ng
RT: 7.187 min Scan# 80
Delta R.T. -0.029 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

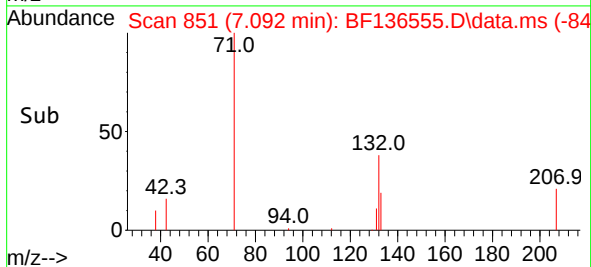
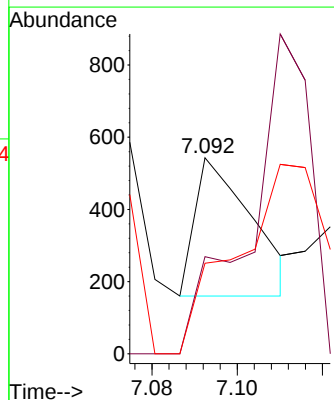
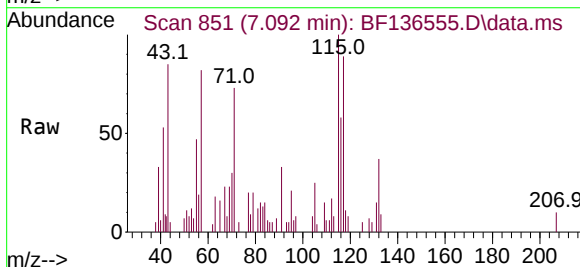
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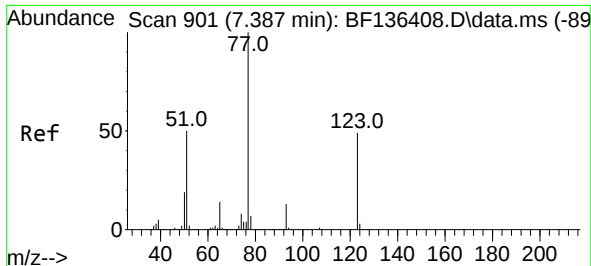
Tgt Ion:105 Resp: 16088
Ion Ratio Lower Upper
105 100
71 8.4 5.4 8.0#
51 5.7 23.4 35.2#
120 0.0 16.6 24.8#



#23
Nitrobenzene-d5
Concen: 0.065 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.276 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

Tgt Ion: 82 Resp: 353
Ion Ratio Lower Upper
82 100
128 49.5 36.3 54.5
54 46.2 39.0 58.6

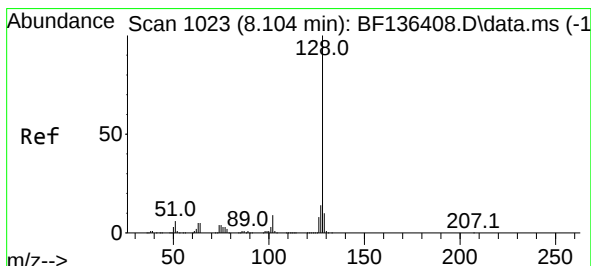
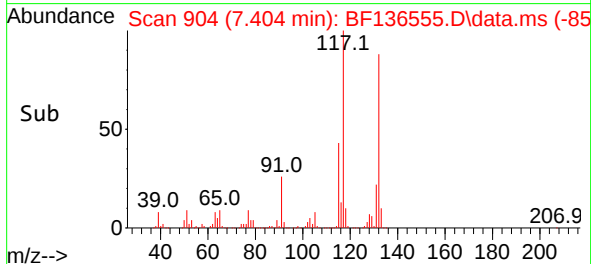
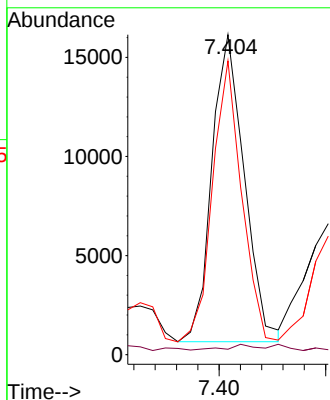
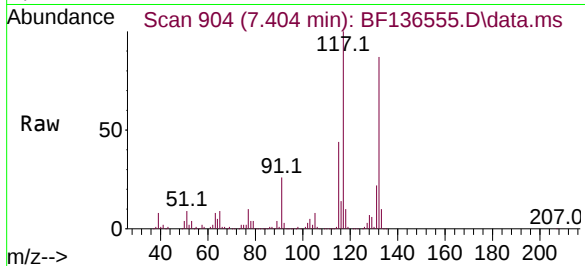




#24
Nitrobenzene
Concen: 3.016 ng
RT: 7.404 min Scan# 901
Delta R.T. 0.018 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

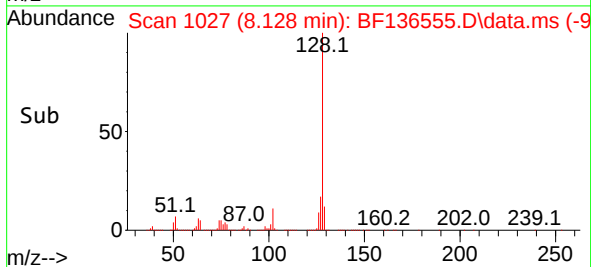
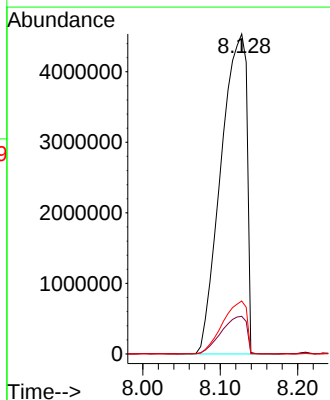
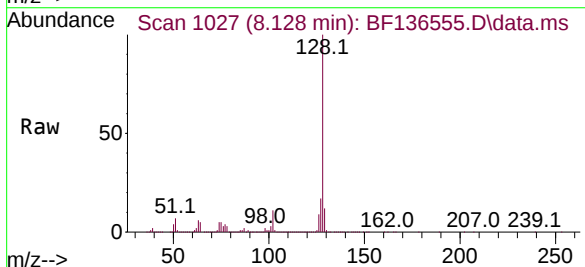
Instrument :
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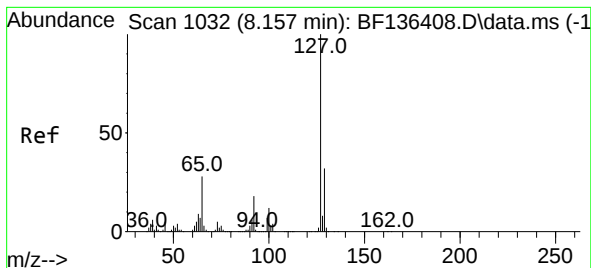
Tgt Ion: 77 Resp: 16362
Ion Ratio Lower Upper
77 100
123 1.7 39.0 58.6#
65 91.8 11.3 16.9#



#31
Naphthalene
Concen: 652.728 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.023 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

Tgt Ion: 128 Resp: 10492813
Ion Ratio Lower Upper
128 100
129 11.8 8.3 12.5
127 16.6 11.1 16.7

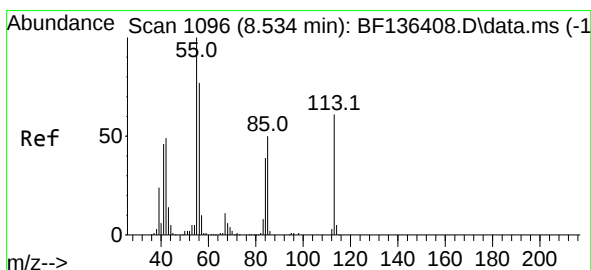
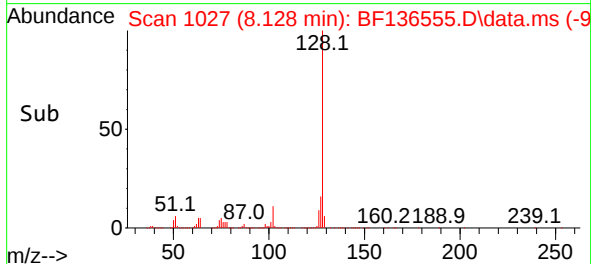
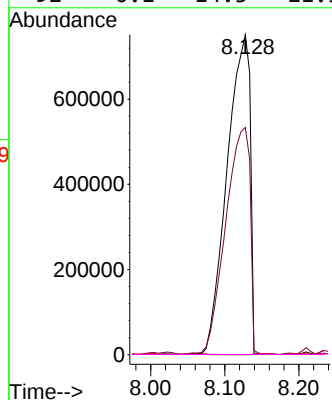
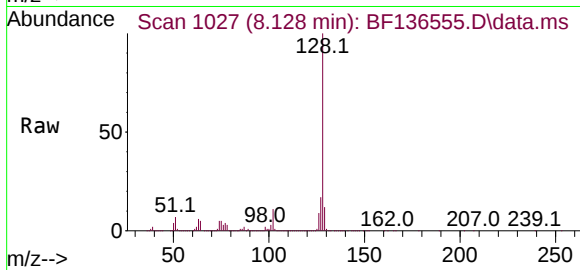




#33
4-Chloroaniline
Concen: 283.500 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.029 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

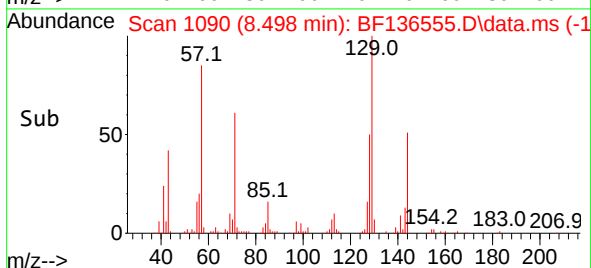
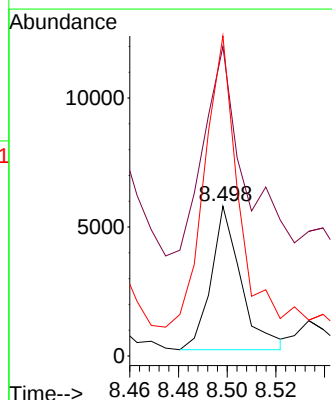
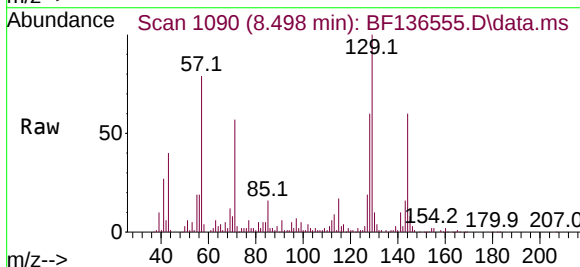
Instrument :
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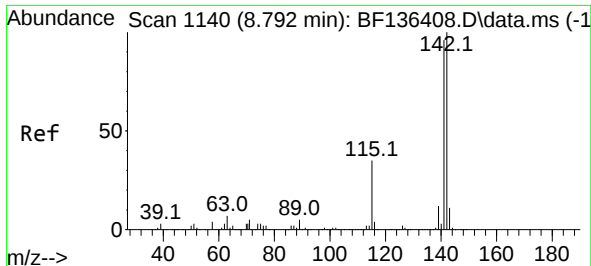
Tgt Ion:127 Resp: 1624735
Ion Ratio Lower Upper
127 100
129 71.0 25.4 38.2#
65 0.0 22.5 33.7#
92 0.1 14.3 21.5#



#35
Caprolactam
Concen: 3.559 ng
RT: 8.498 min Scan# 1090
Delta R.T. -0.035 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

Tgt Ion:113 Resp: 4757
Ion Ratio Lower Upper
113 100
55 206.7 143.7 183.7#
56 213.7 105.2 145.2#





#37

2-Methylnaphthalene

Concen: 321.364 ng

RT: 8.804 min Scan# 1142

Delta R.T. 0.012 min

Lab File: BF136555.D

Acq: 14 Dec 2023 00:29

Instrument :

BNA_F

ClientSampleId :

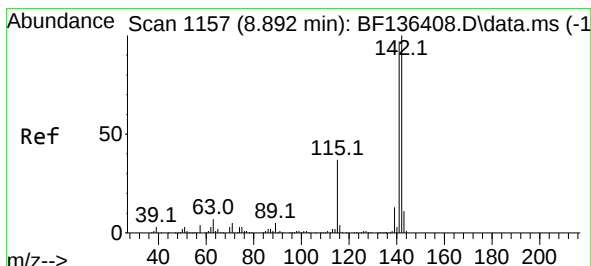
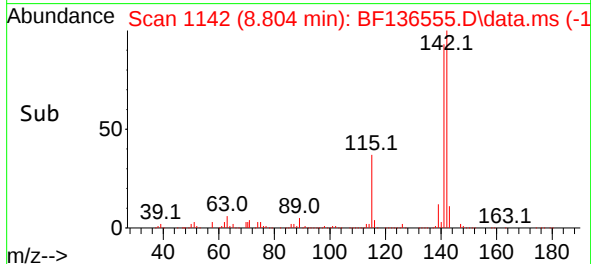
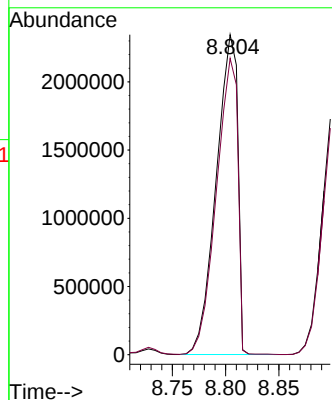
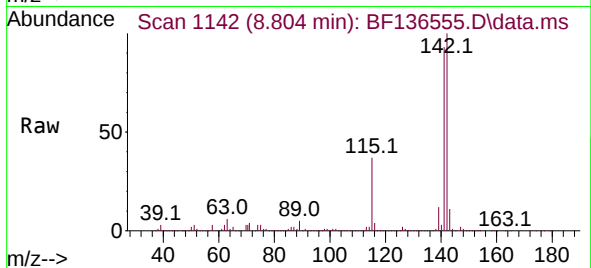
MW05D-NAPL

Tgt Ion:142 Resp: 3286581

Ion Ratio Lower Upper

142 100

141 92.6 76.4 114.6



#38

1-Methylnaphthalene

Concen: 208.892 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.012 min

Lab File: BF136555.D

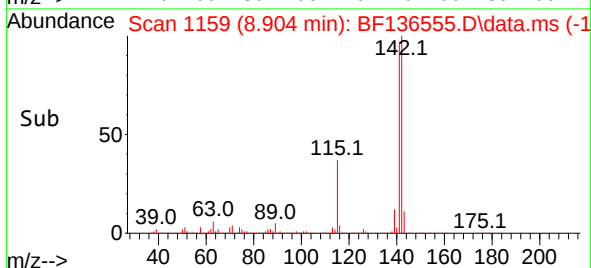
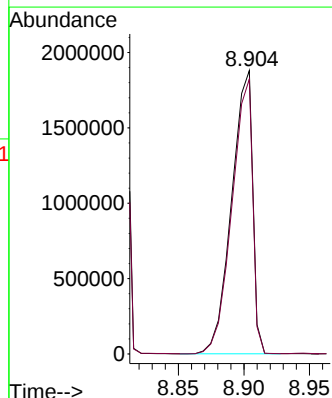
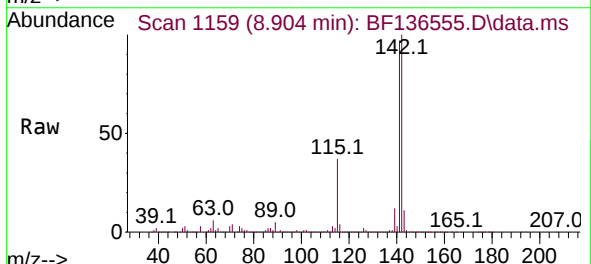
Acq: 14 Dec 2023 00:29

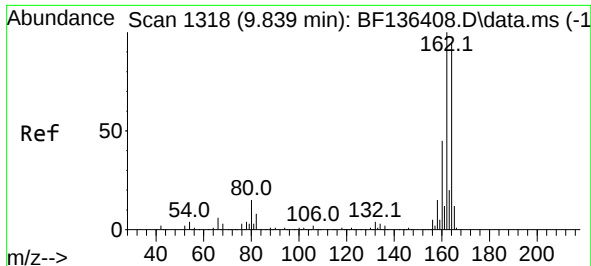
Tgt Ion:142 Resp: 2096338

Ion Ratio Lower Upper

142 100

141 97.0 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136555.D

Acq: 14 Dec 2023 00:29

Instrument :

BNA_F

ClientSampleId :

MW05D-NAPL

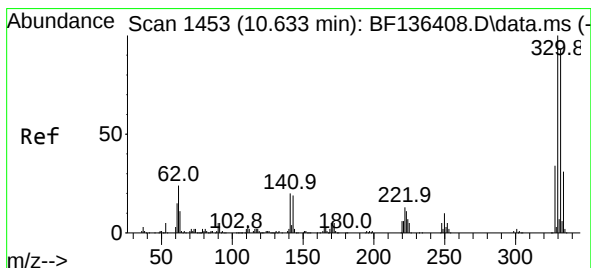
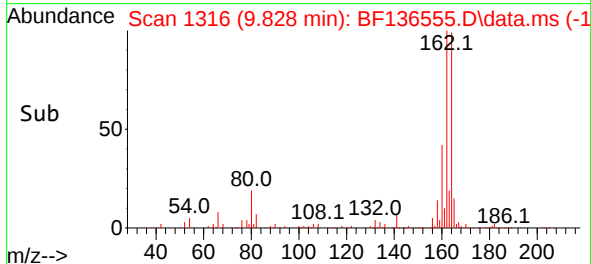
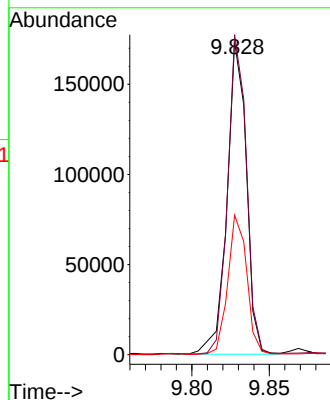
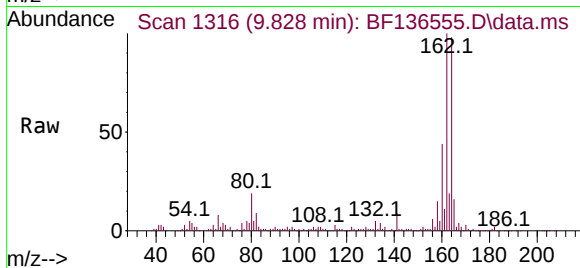
Tgt Ion:164 Resp: 150762

Ion Ratio Lower Upper

164 100

162 102.4 84.4 126.6

160 44.6 37.6 56.4



#42

2,4,6-Tribromophenol

Concen: 0.641 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136555.D

Acq: 14 Dec 2023 00:29

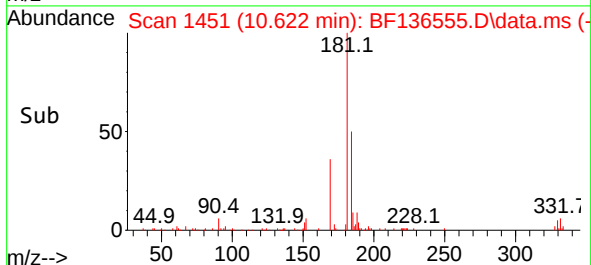
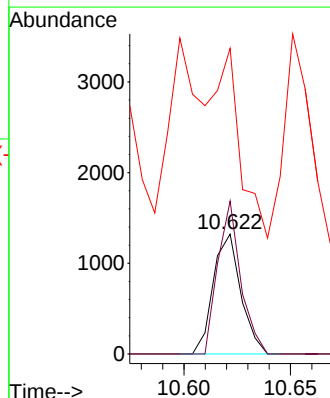
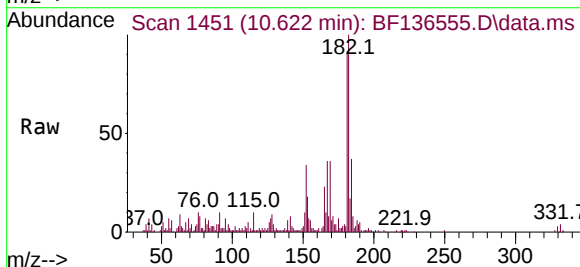
Tgt Ion:330 Resp: 1192

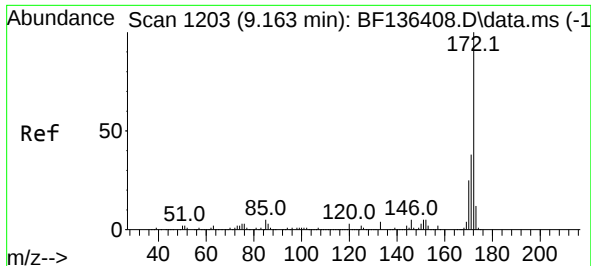
Ion Ratio Lower Upper

330 100

332 105.6 76.4 114.6

141 0.0 23.4 35.2#





#45

2-Fluorobiphenyl

Concen: 1.314 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF136555.D

Acq: 14 Dec 2023 00:29

Instrument :

BNA_F

ClientSampleId :

MW05D-NAPL

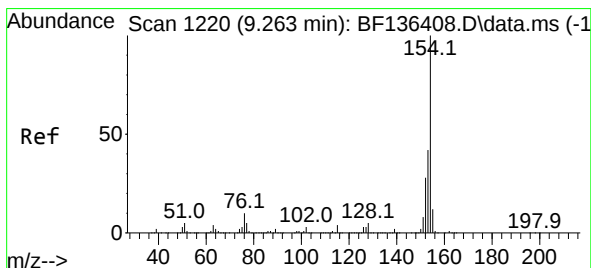
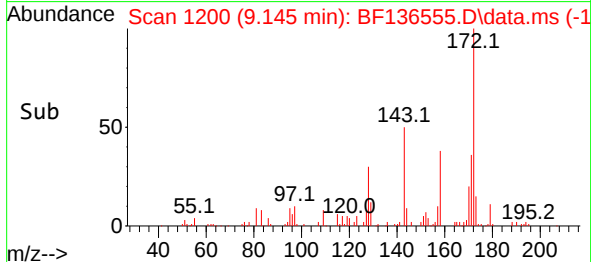
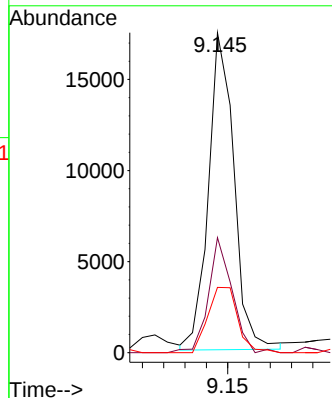
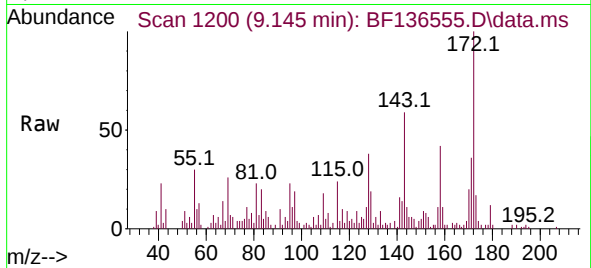
Tgt Ion:172 Resp: 14521

Ion Ratio Lower Upper

172 100

171 35.9 30.5 45.7

170 20.4 19.9 29.9



#46

1,1'-Biphenyl

Concen: 41.005 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF136555.D

Acq: 14 Dec 2023 00:29

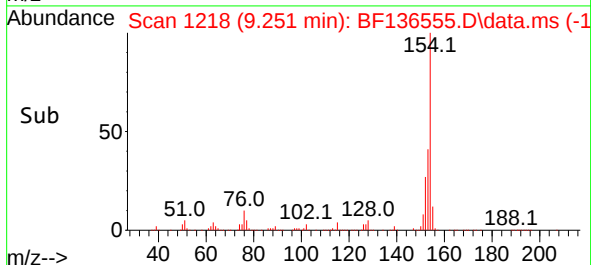
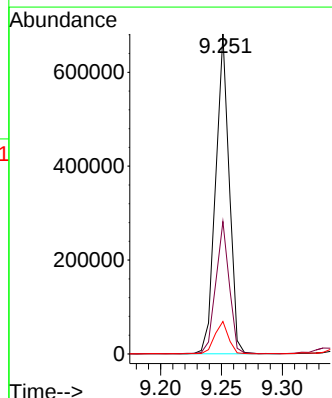
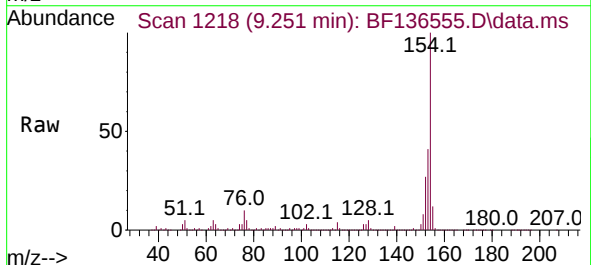
Tgt Ion:154 Resp: 526028

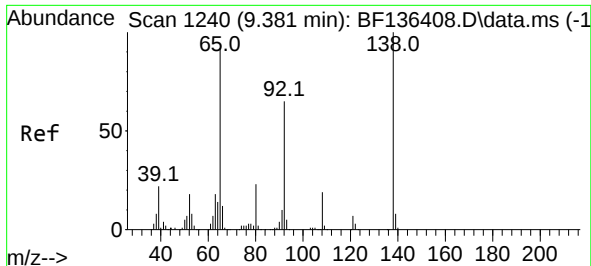
Ion Ratio Lower Upper

154 100

153 41.4 22.5 62.5

76 10.2 0.0 29.9

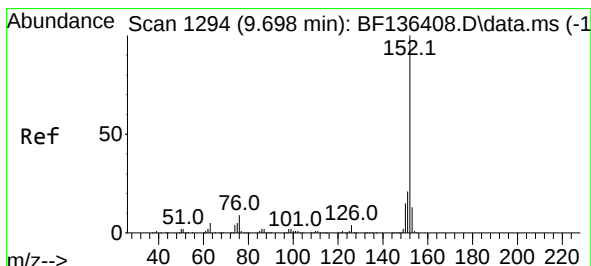
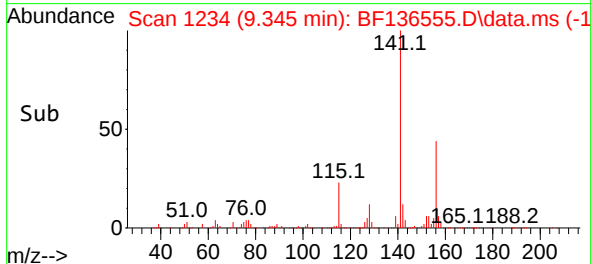
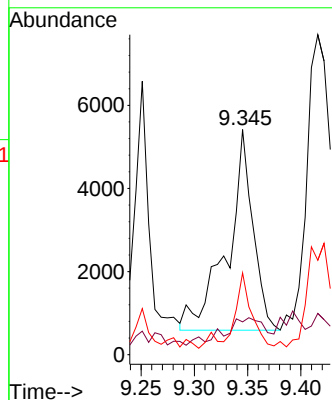
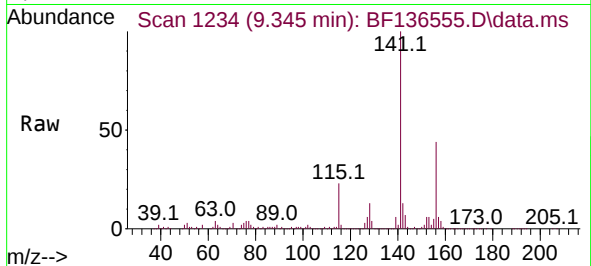




#48
2-Nitroaniline
Concen: 3.028 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.035 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

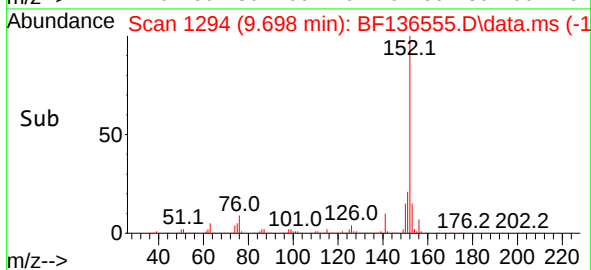
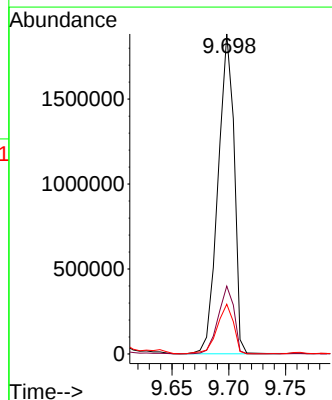
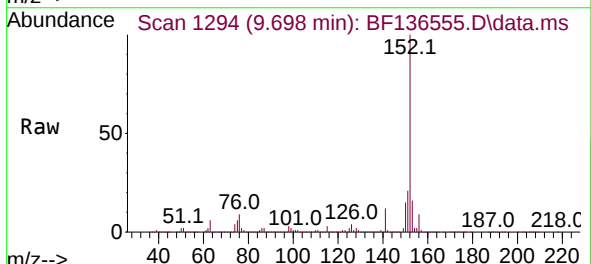
Instrument :
BNA_F
ClientSampleId :
MW05D-NAPL

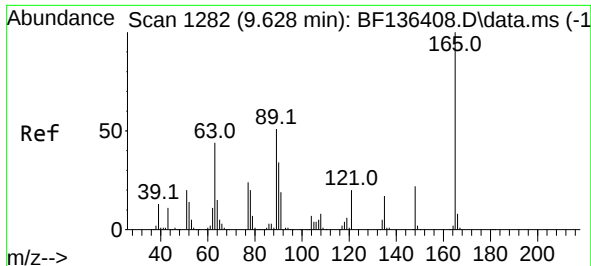
Tgt Ion: 65 Resp: 8109
Ion Ratio Lower Upper
65 100
92 14.5 56.1 84.1#
138 36.4 86.7 130.1#



#49
Acenaphthylene
Concen: 130.415 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

Tgt Ion: 152 Resp: 1854923
Ion Ratio Lower Upper
152 100
151 21.2 17.2 25.8
153 15.6 10.6 15.8





#51

2,6-Dinitrotoluene

Concen: 3.530 ng

RT: 9.528 min Scan# 1

Delta R.T. -0.100 min

Lab File: BF136555.D

Acq: 14 Dec 2023 00:29

Instrument :

BNA_F

ClientSampleId :

MW05D-NAPL

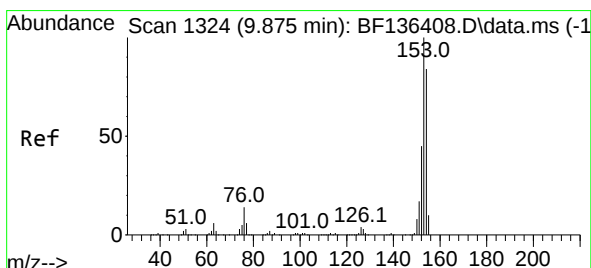
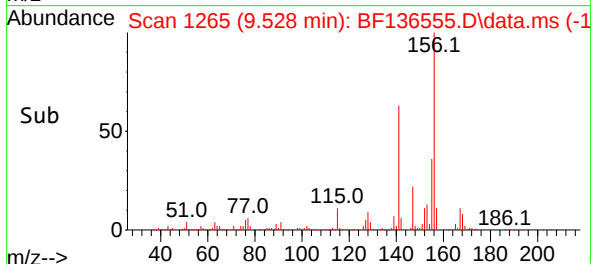
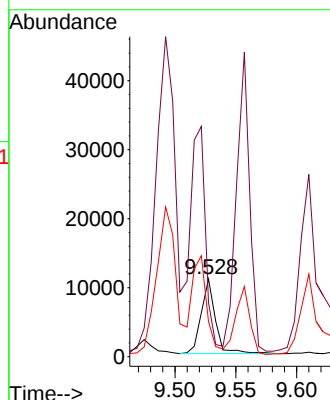
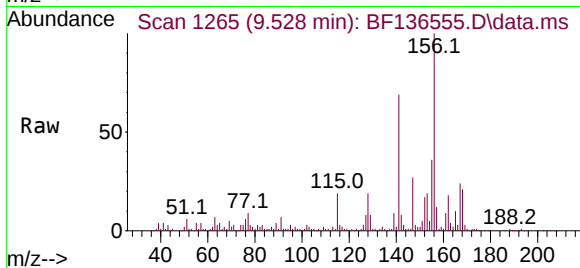
Tgt Ion:165 Resp: 8815

Ion Ratio Lower Upper

165 100

63 69.5 40.4 60.6#

89 45.1 40.6 60.8



#52

Acenaphthene

Concen: 46.521 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF136555.D

Acq: 14 Dec 2023 00:29

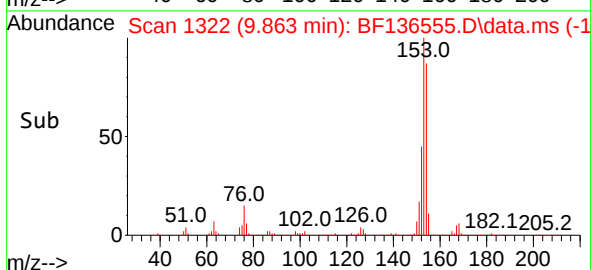
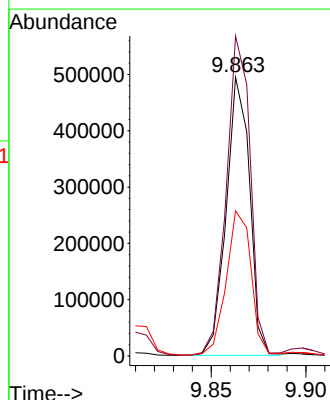
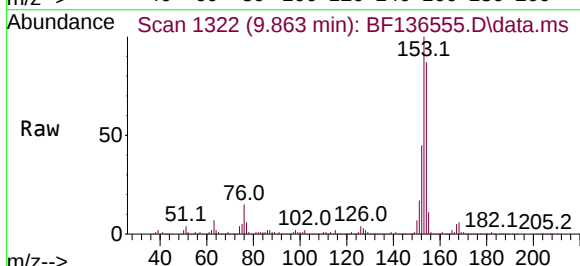
Tgt Ion:154 Resp: 424010

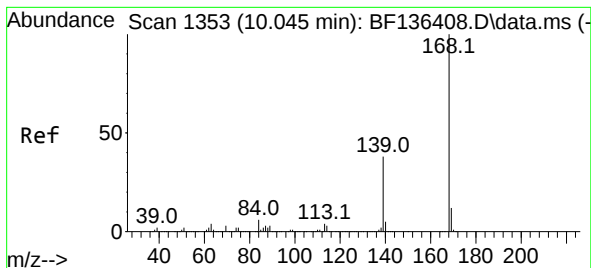
Ion Ratio Lower Upper

154 100

153 114.8 95.3 142.9

152 52.0 43.2 64.8





#55

Dibenzenofuran

Concen: 9.349 ng

RT: 10.033 min Scan# 1351

Delta R.T. -0.012 min

Lab File: BF136555.D

Acq: 14 Dec 2023 00:29

Instrument :

BNA_F

ClientSampleId :

MW05D-NAPL

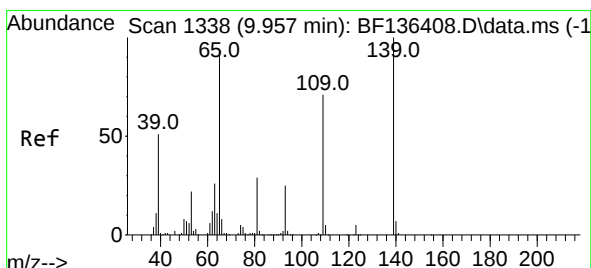
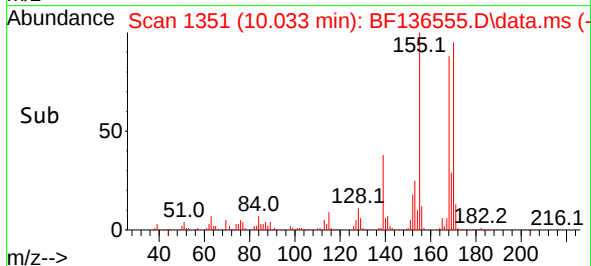
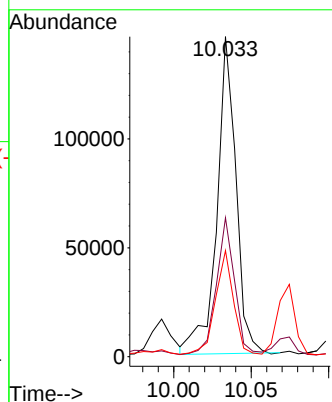
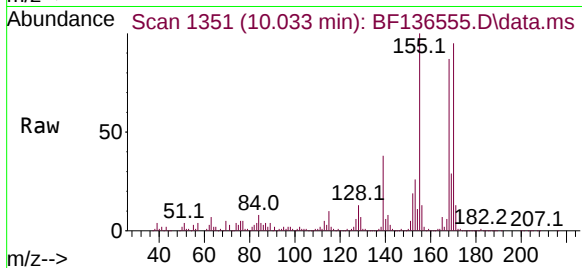
Tgt Ion:168 Resp: 124487

Ion Ratio Lower Upper

168 100

139 43.4 30.4 45.6

169 33.2 9.9 14.9#



#56

4-Nitrophenol

Concen: 4.767 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.024 min

Lab File: BF136555.D

Acq: 14 Dec 2023 00:29

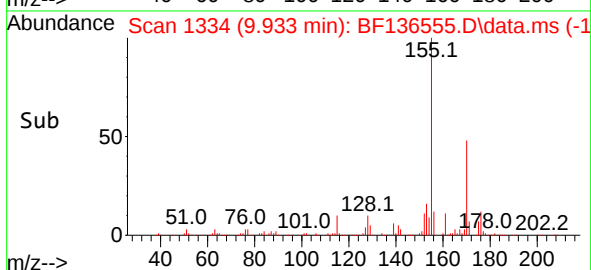
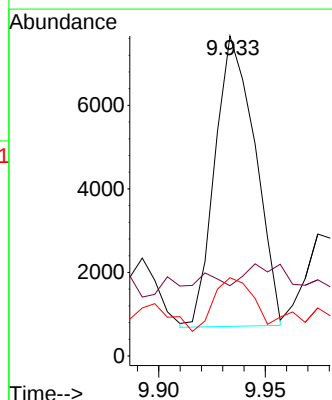
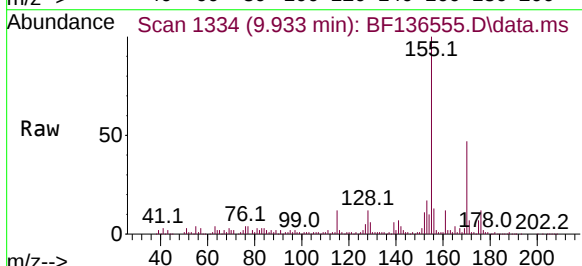
Tgt Ion:139 Resp: 9112

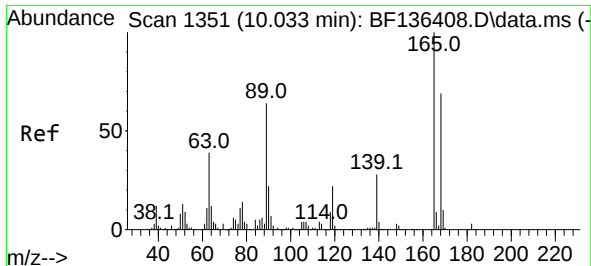
Ion Ratio Lower Upper

139 100

109 22.0 50.6 90.6#

65 24.4 73.1 113.1#

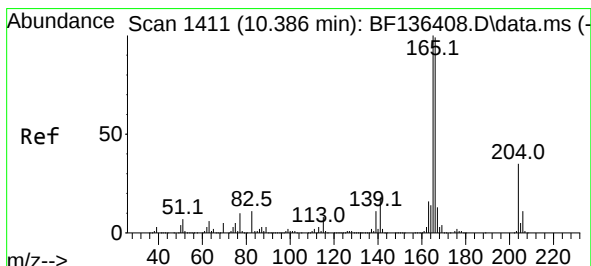
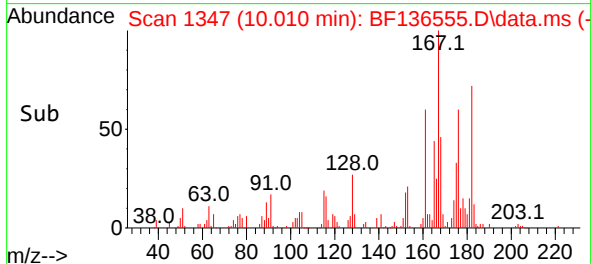
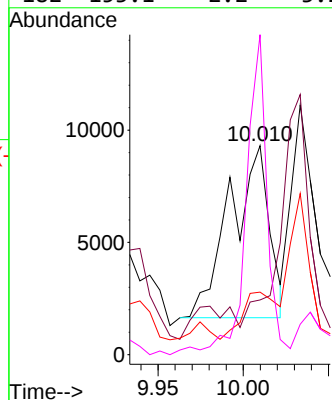
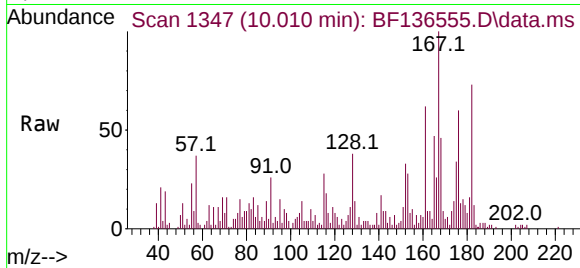




#57
2,4-Dinitrotoluene
Concen: 3.734 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.024 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

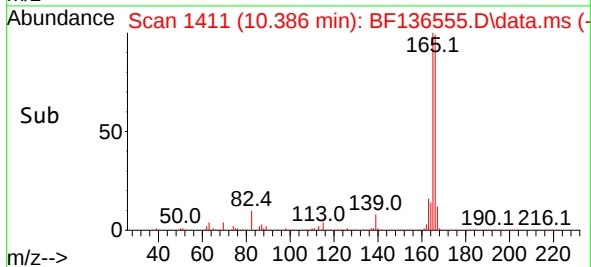
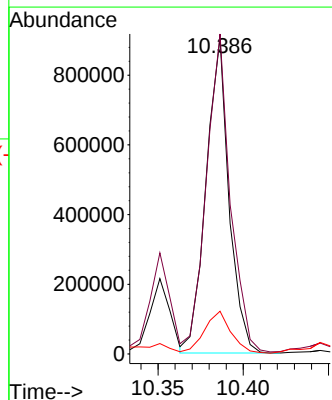
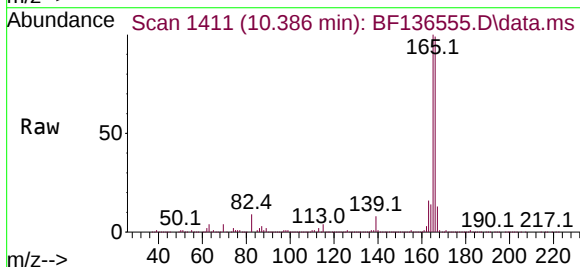
Instrument :
BNA_F
ClientSampleId :
MW05D-NAPL

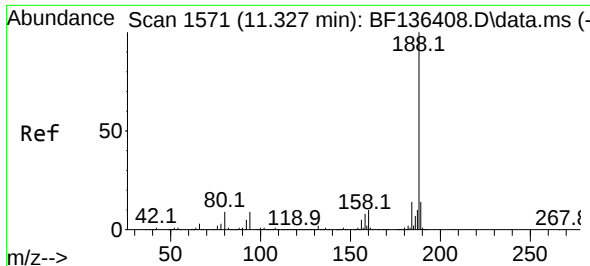
Tgt Ion:165 Resp: 12336
Ion Ratio Lower Upper
165 100
63 26.2 31.4 47.2#
89 30.0 51.7 77.5#
182 153.1 2.2 3.2#



#58
Fluorene
Concen: 78.908 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

Tgt Ion:166 Resp: 843403
Ion Ratio Lower Upper
166 100
165 101.3 80.5 120.7
167 13.5 10.5 15.7

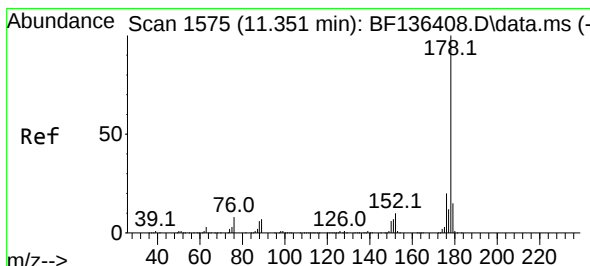
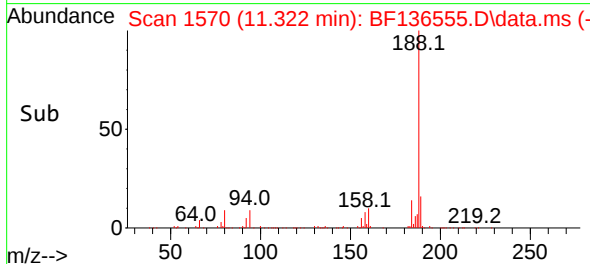
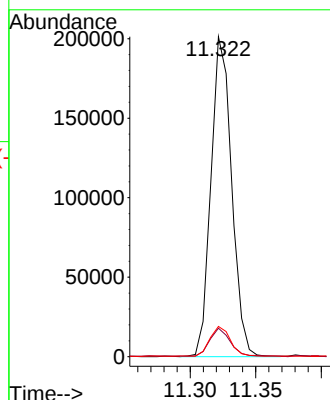
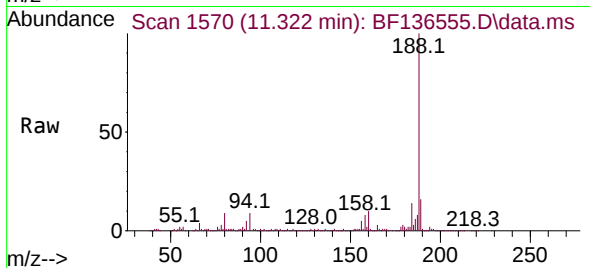




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

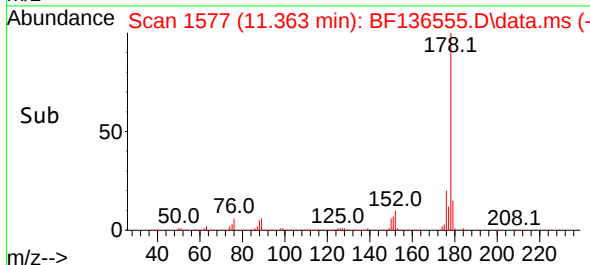
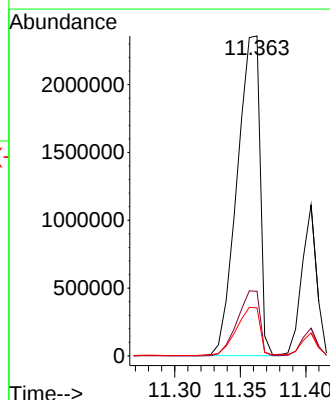
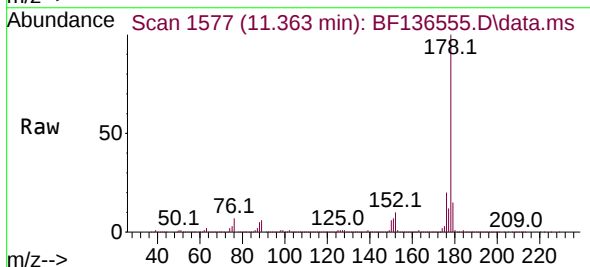
Instrument :
BNA_F
ClientSampleId :
MW05D-NAPL

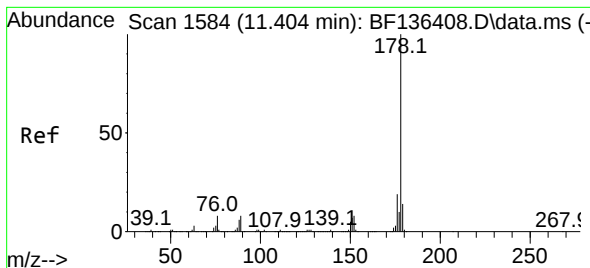
Tgt Ion:188 Resp: 220901
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.5 7.2 10.8



#71
Phenanthrene
Concen: 236.077 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.012 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

Tgt Ion:178 Resp: 2866380
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 15.0 11.8 17.6





#72

Anthracene

Concen: 69.997 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136555.D

Acq: 14 Dec 2023 00:29

Instrument :

BNA_F

ClientSampleId :

MW05D-NAPL

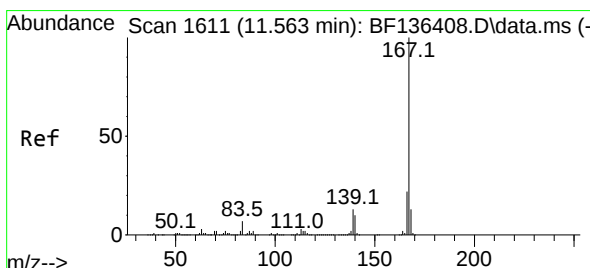
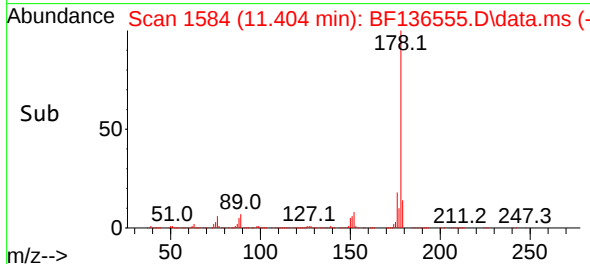
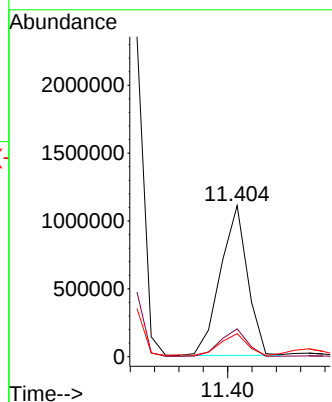
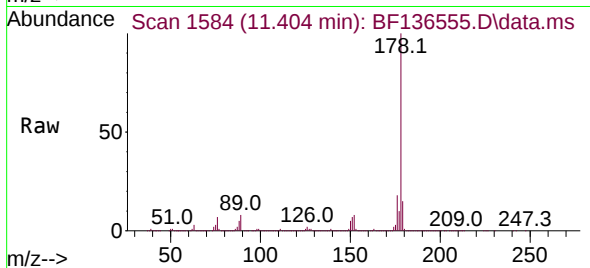
Tgt Ion:178 Resp: 856014

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

179 15.3 11.4 17.0



#73

Carbazole

Concen: 2.802 ng

RT: 11.557 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BF136555.D

Acq: 14 Dec 2023 00:29

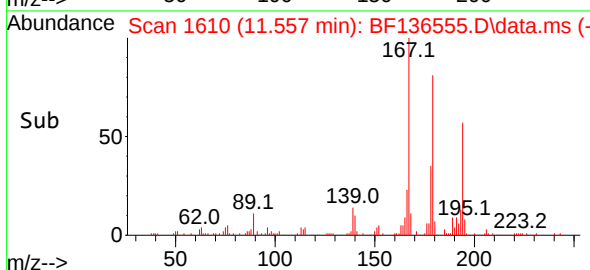
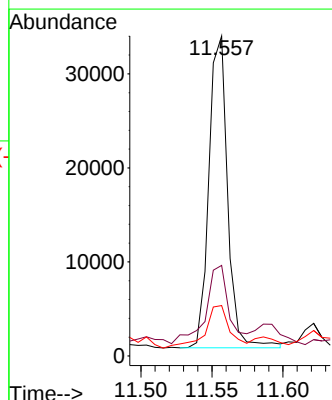
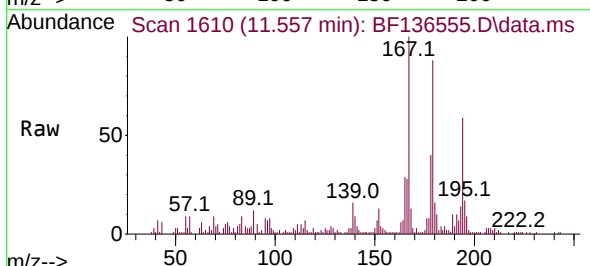
Tgt Ion:167 Resp: 30329

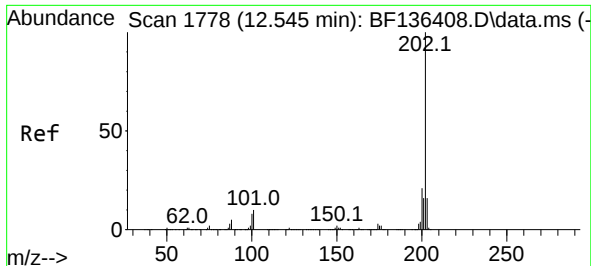
Ion Ratio Lower Upper

167 100

166 28.3 18.0 27.0#

139 15.8 10.2 15.4#

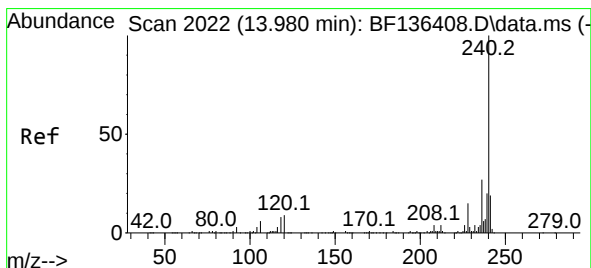
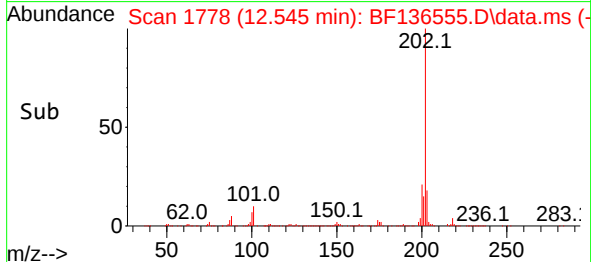
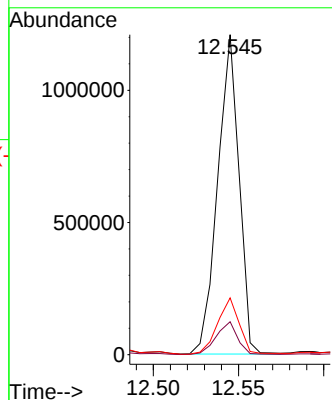
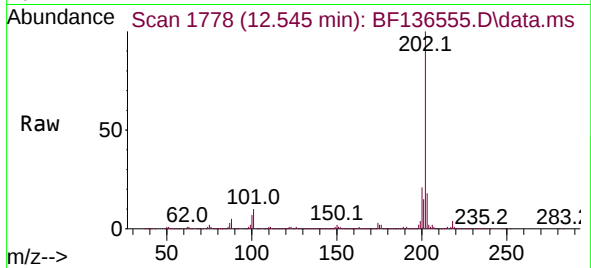




#75
Fluoranthene
Concen: 82.723 ng
RT: 12.545 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

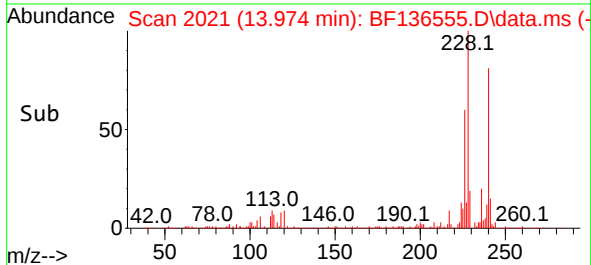
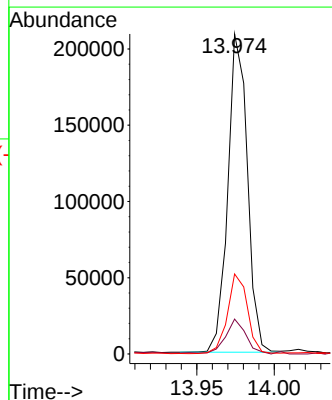
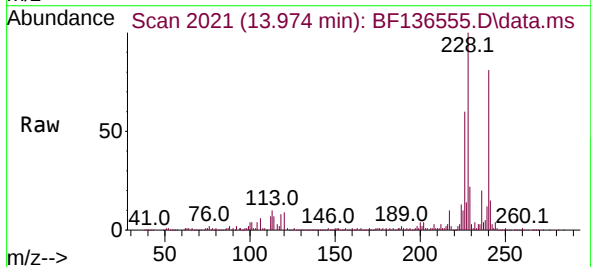
Instrument :
BNA_F
ClientSampleId :
MW05D-NAPL

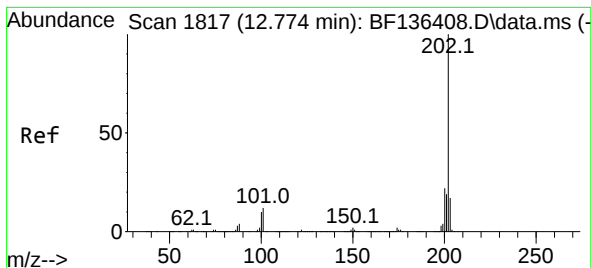
Tgt Ion:202 Resp: 1052555
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.9
203 17.8 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

Tgt Ion:240 Resp: 182922
Ion Ratio Lower Upper
240 100
120 10.9 7.3 10.9
236 25.0 21.3 31.9





#78

Pyrene

Concen: 87.834 ng

RT: 12.780 min Scan# 1817

Delta R.T. 0.006 min

Lab File: BF136555.D

Acq: 14 Dec 2023 00:29

Instrument :

BNA_F

ClientSampleId :

MW05D-NAPL

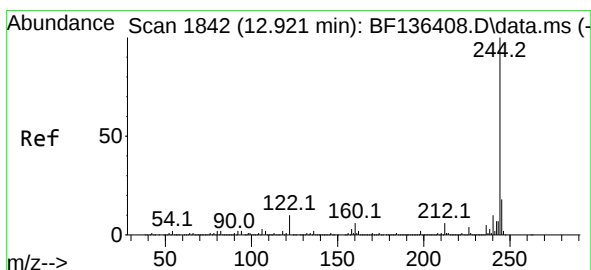
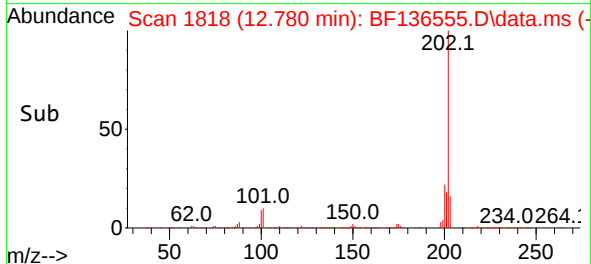
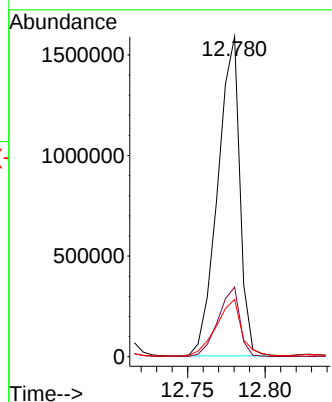
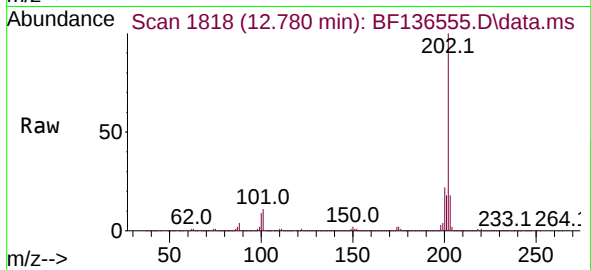
Tgt Ion:202 Resp: 1573526

Ion Ratio Lower Upper

202 100

200 21.8 18.0 27.0

203 17.9 13.5 20.3



#79

Terphenyl-d14

Concen: 0.918 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF136555.D

Acq: 14 Dec 2023 00:29

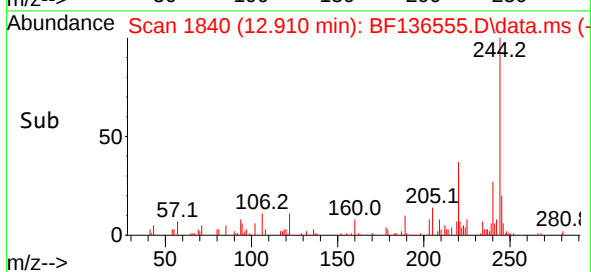
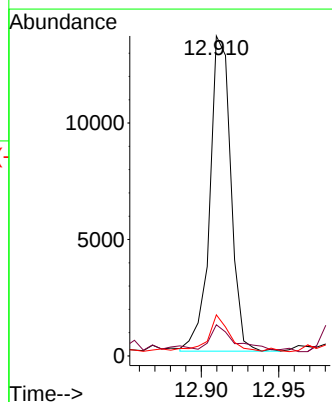
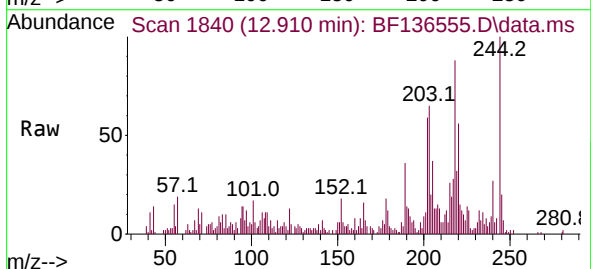
Tgt Ion:244 Resp: 12739

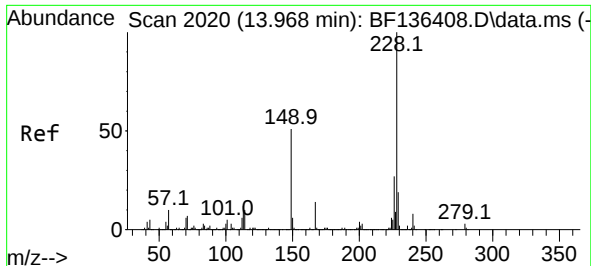
Ion Ratio Lower Upper

244 100

212 9.8 5.0 7.4#

122 12.9 8.3 12.5#

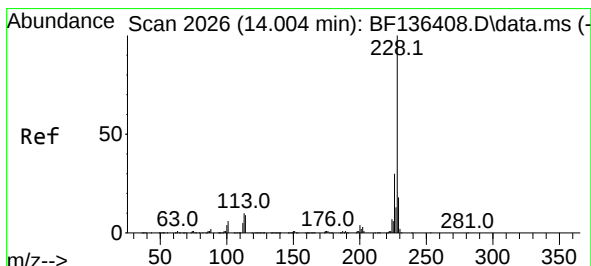
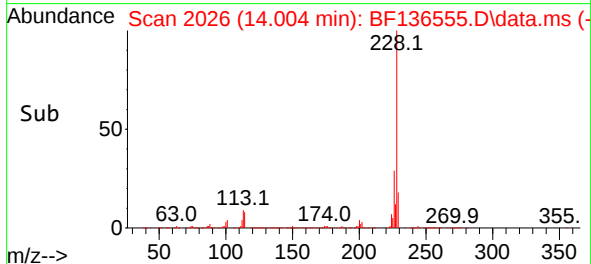
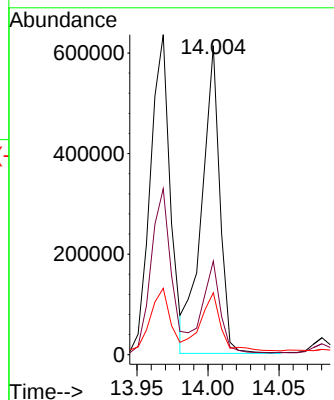
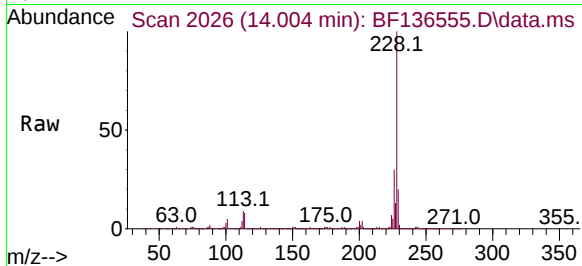




#81
Benzo(a)anthracene
Concen: 42.659 ng
RT: 14.004 min Scan# 20
Delta R.T. 0.035 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

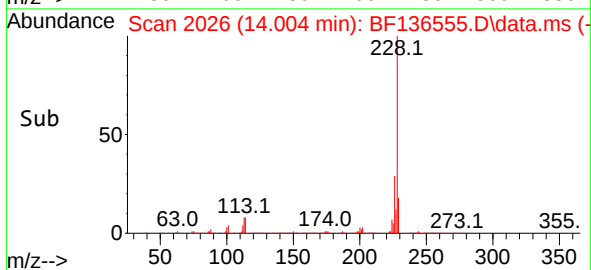
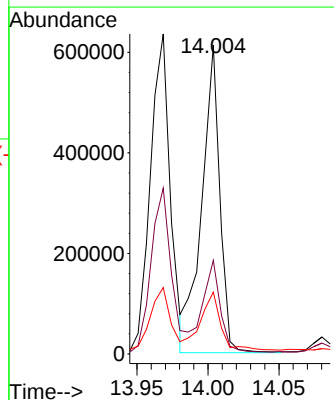
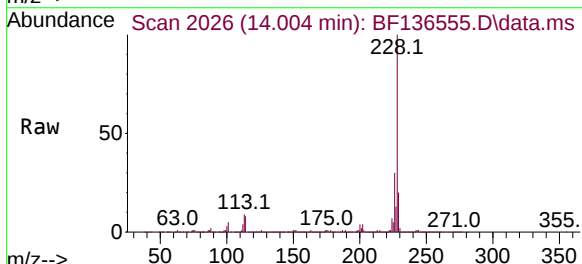
Instrument :
BNA_F
ClientSampleId :
MW05D-NAPL

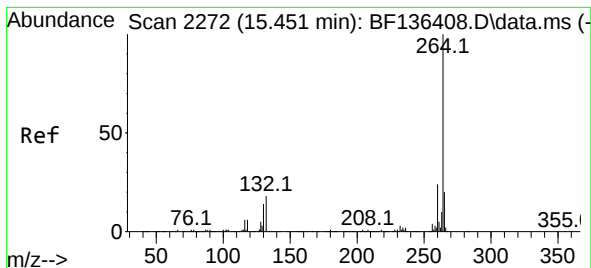
Tgt Ion:228 Resp: 543541
Ion Ratio Lower Upper
228 100
226 30.3 21.8 32.8
229 20.0 15.0 22.4



#83
Chrysene
Concen: 43.358 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

Tgt Ion:228 Resp: 543541
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.6
229 20.0 14.8 22.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136555.D

Acq: 14 Dec 2023 00:29

Instrument :

BNA_F

ClientSampleId :

MW05D-NAPL

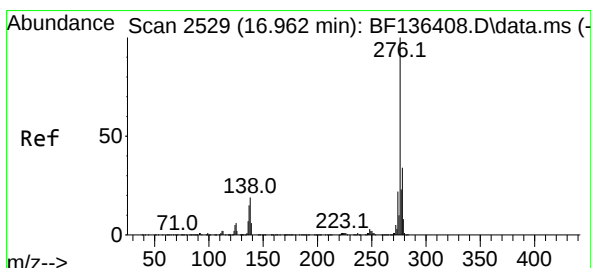
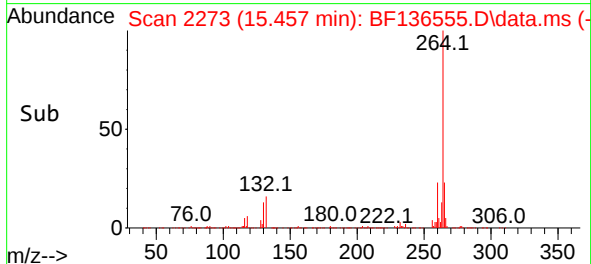
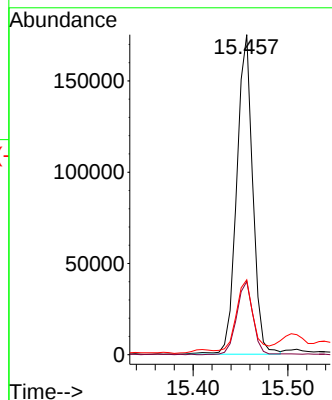
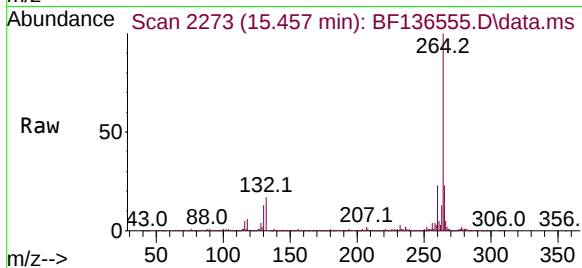
Tgt Ion:264 Resp: 204876

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 23.4 15.9 23.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 8.709 ng

RT: 16.951 min Scan# 2527

Delta R.T. -0.012 min

Lab File: BF136555.D

Acq: 14 Dec 2023 00:29

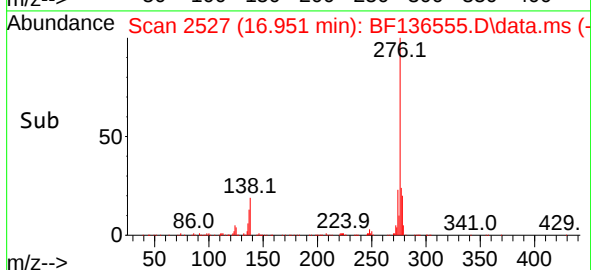
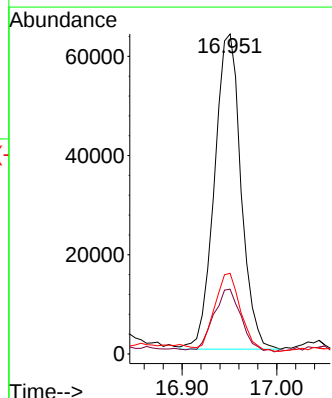
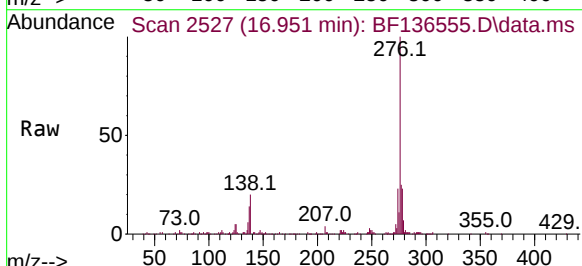
Tgt Ion:276 Resp: 123959

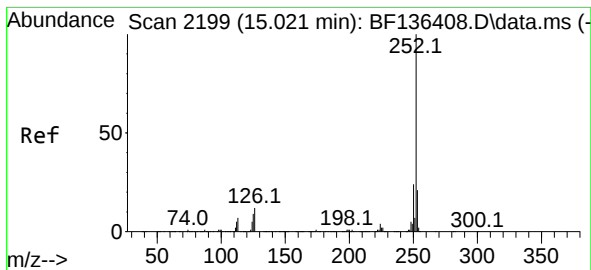
Ion Ratio Lower Upper

276 100

138 21.0 19.0 28.4

277 24.4 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 36.016 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF136555.D

Acq: 14 Dec 2023 00:29

Instrument :

BNA_F

ClientSampleId :

MW05D-NAPL

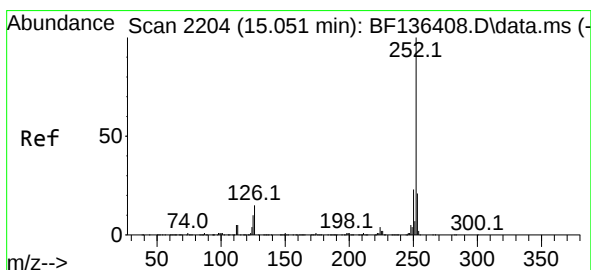
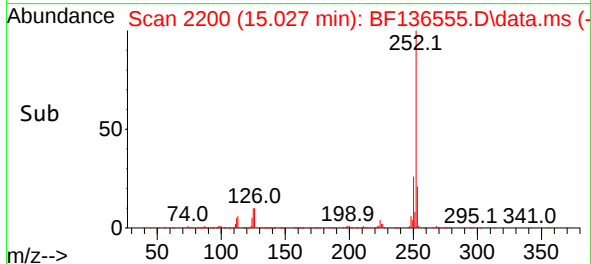
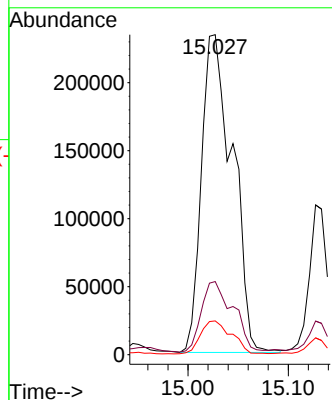
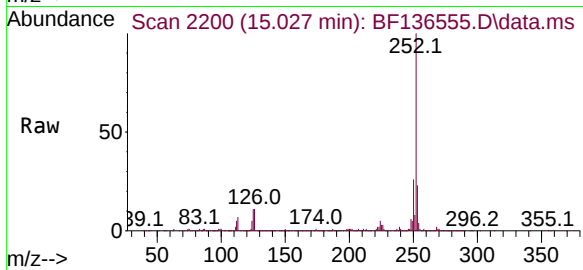
Tgt Ion:252 Resp: 504508

Ion Ratio Lower Upper

252 100

253 22.8 16.9 25.3

125 10.6 7.4 11.2



#89

Benzo(k)fluoranthene

Concen: 38.217 ng

RT: 15.027 min Scan# 2200

Delta R.T. -0.024 min

Lab File: BF136555.D

Acq: 14 Dec 2023 00:29

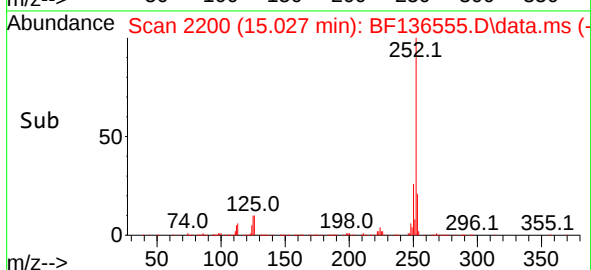
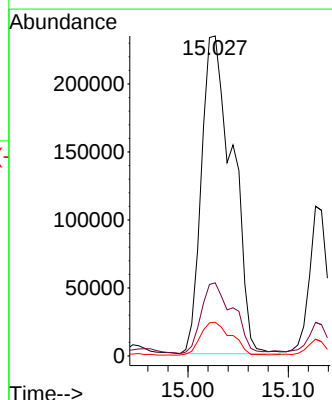
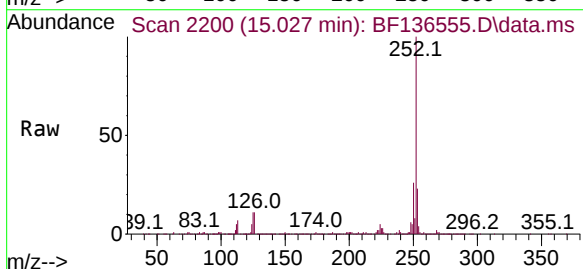
Tgt Ion:252 Resp: 504508

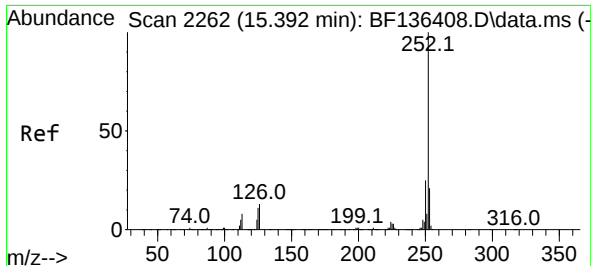
Ion Ratio Lower Upper

252 100

253 22.8 16.9 25.3

125 10.6 7.5 11.3

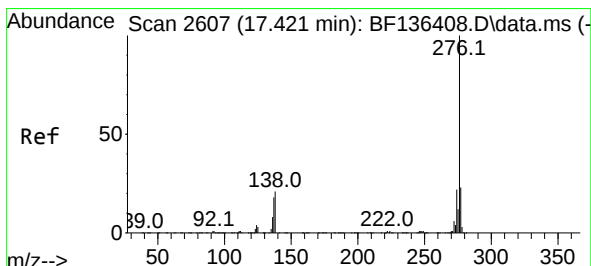
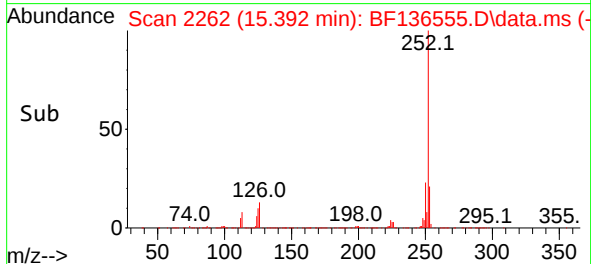
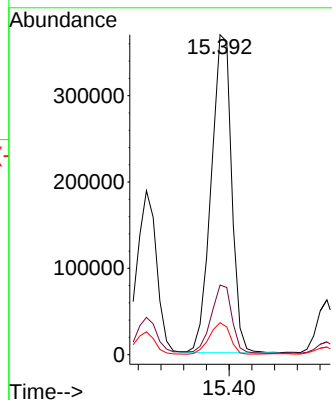
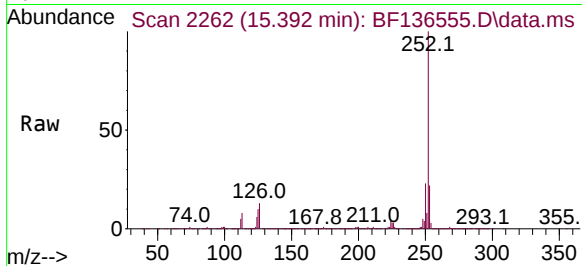




#90
Benzo(a)pyrene
Concen: 39.786 ng
RT: 15.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

Instrument :
BNA_F
ClientSampleId :
MW05D-NAPL

Tgt Ion:252 Resp: 460254
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 10.0 8.6 13.0



#92
Benzo(g,h,i)perylene
Concen: 10.682 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.018 min
Lab File: BF136555.D
Acq: 14 Dec 2023 00:29

Tgt Ion:276 Resp: 127842
Ion Ratio Lower Upper
276 100
277 25.2 18.7 28.1
138 22.1 16.6 25.0

