

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
 Data File : BF140758.D
 Acq On : 05 Dec 2024 19:29
 Operator : RC/JU
 Sample : P5098-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-12042024

Quant Time: Dec 06 00:07:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

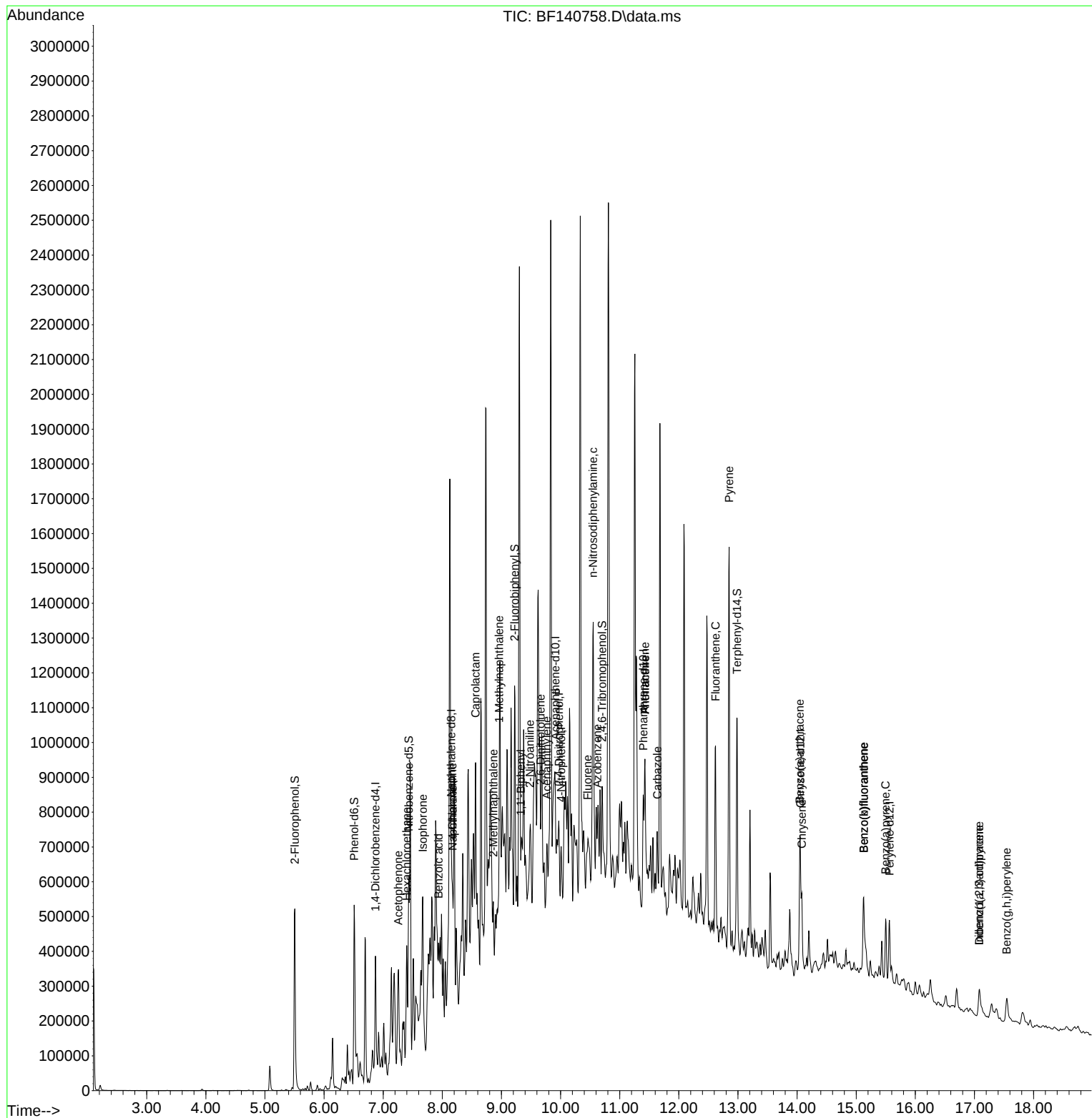
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	53659	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	168105	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	76294	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	137445	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	113590	20.000	ng	0.00
86) Perylene-d12	15.562	264	84812	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	232197	73.832	ng	0.00
7) Phenol-d6	6.510	99	279665	67.265	ng	0.00
23) Nitrobenzene-d5	7.434	82	179547	54.632	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	51787	63.467	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	288377	56.317	ng	-0.01
79) Terphenyl-d14	12.986	244	315546	43.256	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.398	117	20426	14.207	ng	# 1
22) Acetophenone	7.257	105	54063	13.192	ng	# 52
25) Isophorone	7.669	82	22682	4.138	ng	# 1
31) Naphthalene	8.175	128	35083	4.052	ng	# 69
32) Benzoic acid	7.939	122	1307	7.901	ng	# 1
33) 4-Chloroaniline	8.169	127	8000	3.086	ng	# 1
35) Caprolactam	8.563	113	14145	19.153	ng	# 1
37) 2-Methylnaphthalene	8.863	142	46243	8.408	ng	99
38) 1-Methylnaphthalene	8.963	142	30729	5.700	ng	89
46) 1,1'-Biphenyl	9.328	154	24243	4.256	ng	96
48) 2-Nitroaniline	9.481	65	3418	2.467	ng	# 49
49) Acenaphthylene	9.769	152	18197	2.790	ng	# 64
51) 2,6-Dinitrotoluene	9.663	165	2393	2.100	ng	# 83
54) 2,4-Dinitrophenol	9.975	184	126	8.016	ng	# 1
56) 4-Nitrophenol	10.010	139	2207	2.903	ng	# 1
58) Fluorene	10.457	166	14958	2.948	ng	# 67
63) Azobenzene	10.622	77	24593	5.087	ng	# 1
66) n-Nitrosodiphenylamine	10.551	169	23680	5.826	ng	# 84
71) Phenanthrene	11.427	178	139952	21.183	ng	98
72) Anthracene	11.427	178	139952	21.655	ng	96
73) Carbazole	11.639	167	13953	2.244	ng	# 63
75) Fluoranthene	12.621	202	301189	41.987	ng	99
78) Pyrene	12.851	202	323621	30.813	ng	99
81) Benzo(a)anthracene	14.045	228	140708	18.713	ng	# 94
83) Chrysene	14.080	228	114911	16.713	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.080	276	59710	10.803	ng	99
88) Benzo(b)fluoranthene	15.127	252	188388	35.364	ng	# 92
89) Benzo(k)fluoranthene	15.127	252	188388	40.412	ng	# 92
90) Benzo(a)pyrene	15.498	252	107224	24.755	ng	# 94
91) Dibenzo(a,h)anthracene	17.080	278	14979	3.309	ng	# 78
92) Benzo(g,h,i)perylene	17.545	276	58076	12.573	ng	97

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

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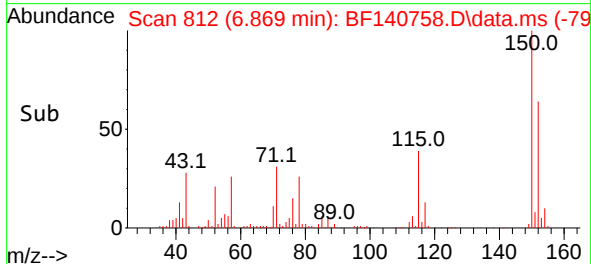
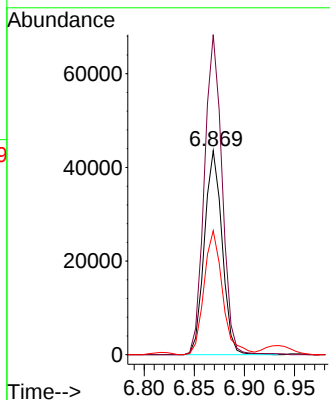
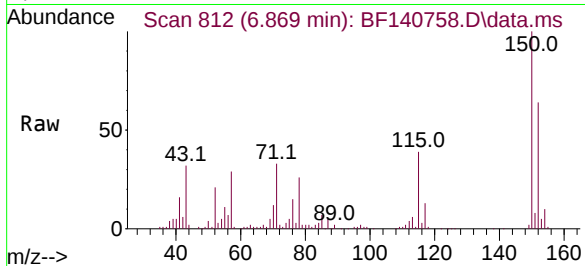




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

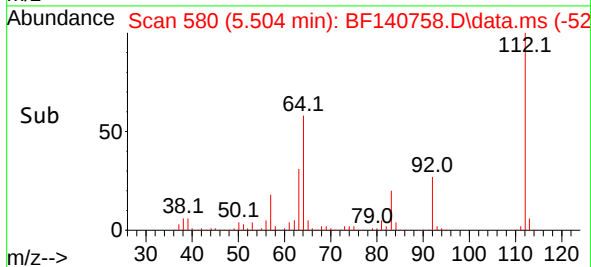
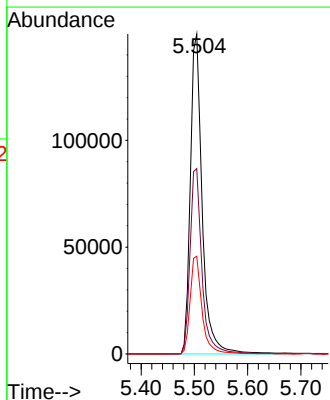
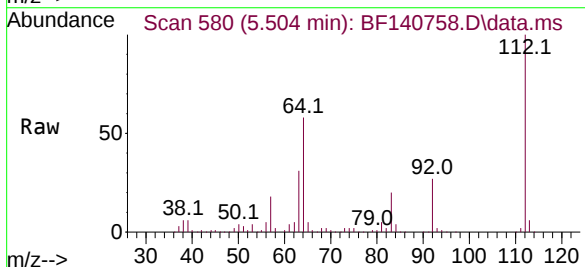
Instrument :
BNA_F
ClientSampleId :
TR-04-12042024

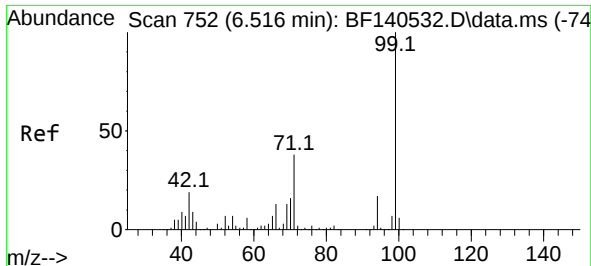
Tgt Ion:152 Resp: 53659
Ion Ratio Lower Upper
152 100
150 156.8 128.5 192.7
115 60.7 50.2 75.4



#5
2-Fluorophenol
Concen: 73.832 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

Tgt Ion:112 Resp: 232197
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 30.5 27.0 40.4





#7

Phenol-d6

Concen: 67.265 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

Instrument :

BNA_F

ClientSampleId :

TR-04-12042024

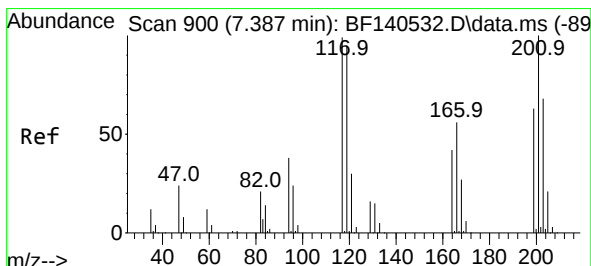
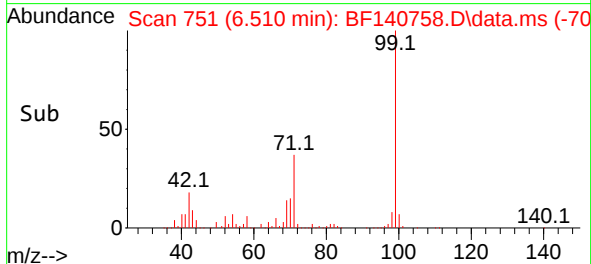
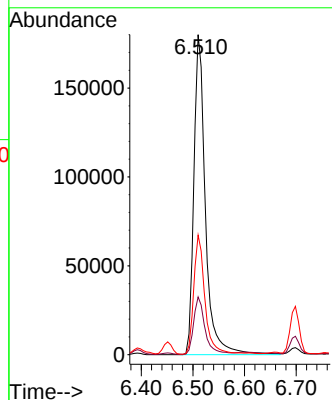
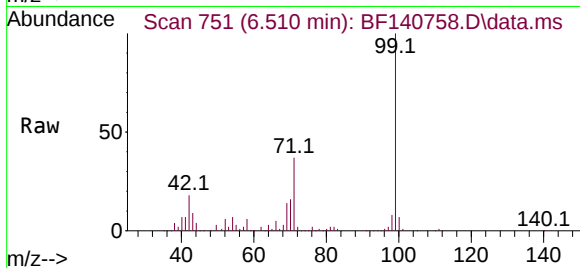
Tgt Ion: 99 Resp: 279665

Ion Ratio Lower Upper

99 100

42 18.0 15.4 23.0

71 37.3 30.6 46.0



#18

Hexachloroethane

Concen: 14.207 ng

RT: 7.398 min Scan# 902

Delta R.T. 0.012 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

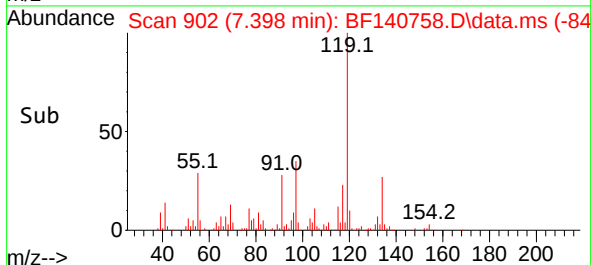
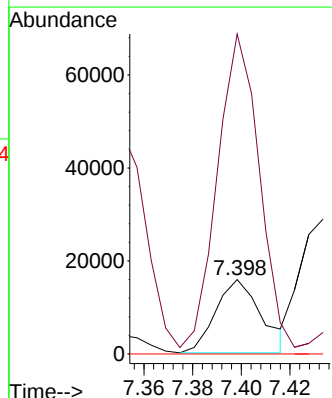
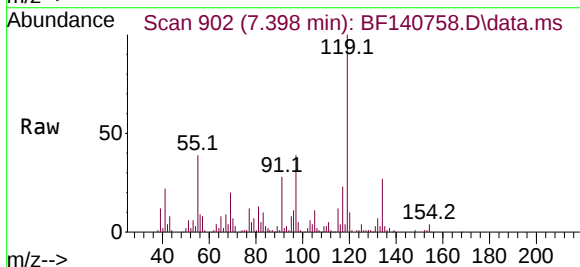
Tgt Ion: 117 Resp: 20426

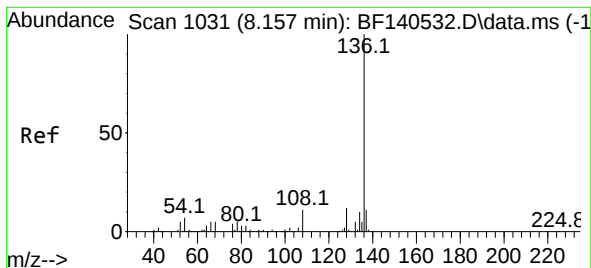
Ion Ratio Lower Upper

117 100

119 430.4 77.1 115.7#

201 0.0 81.1 121.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

Instrument :

BNA_F

ClientSampleId :

TR-04-12042024

Tgt Ion:136 Resp: 168105

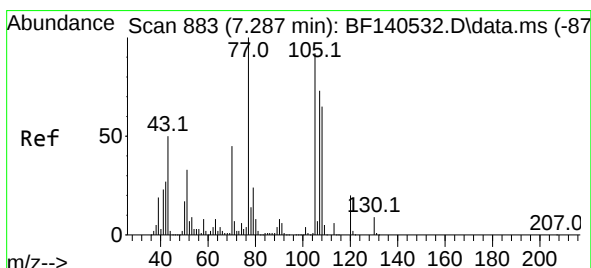
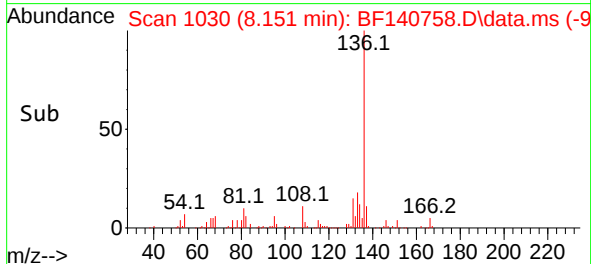
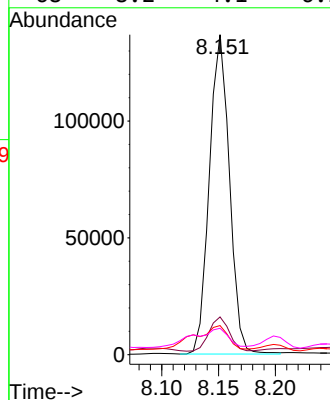
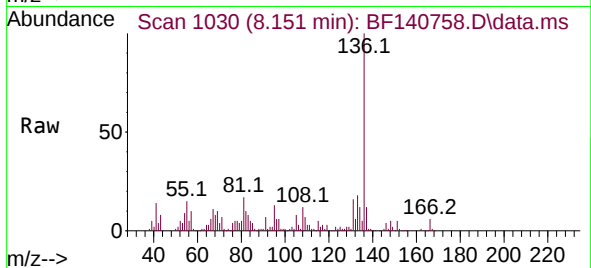
Ion Ratio Lower Upper

136 100

137 11.8 8.6 13.0

54 9.1 5.8 8.8#

68 8.2 4.1 6.1#



#22

Acetophenone

Concen: 13.192 ng

RT: 7.257 min Scan# 878

Delta R.T. -0.029 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

Tgt Ion:105 Resp: 54063

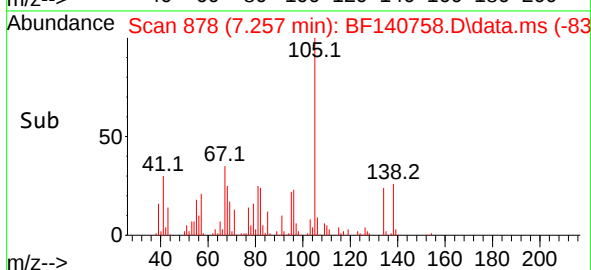
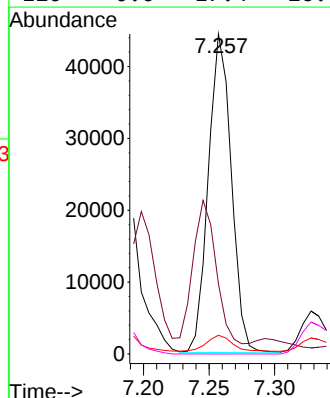
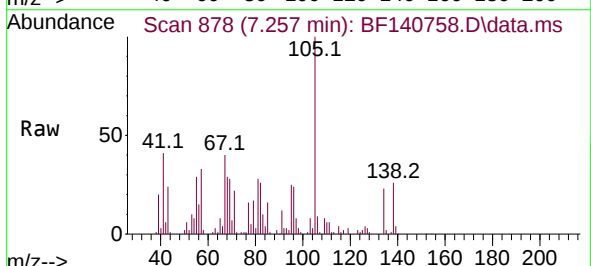
Ion Ratio Lower Upper

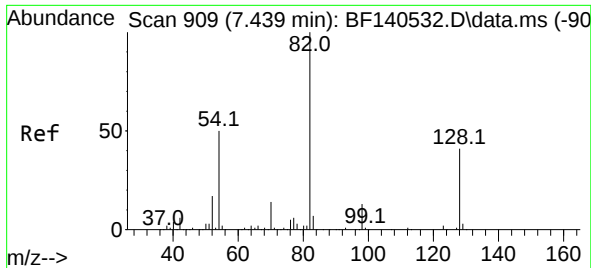
105 100

71 21.9 6.2 9.2#

51 5.8 29.0 43.6#

120 0.0 17.4 26.0#

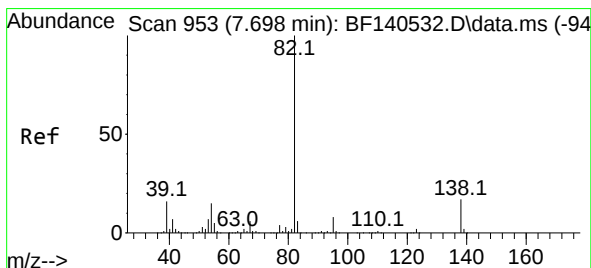
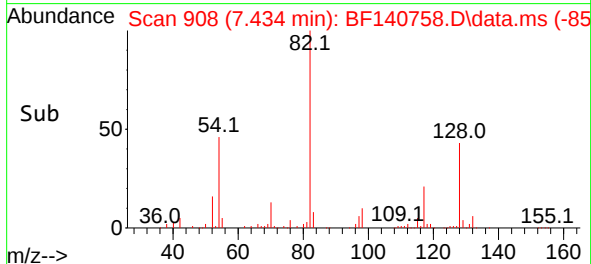
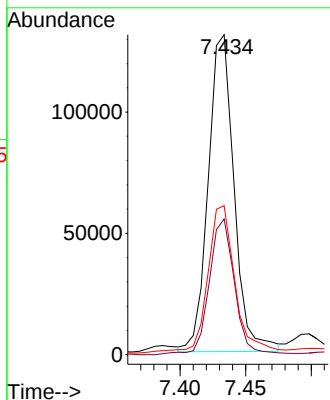
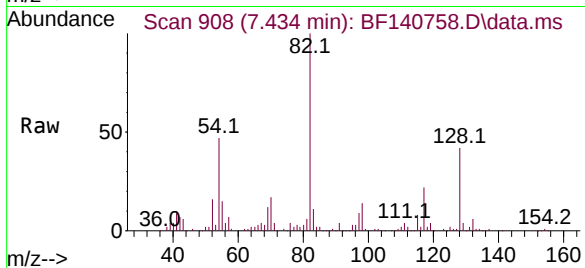




#23
Nitrobenzene-d5
Concen: 54.632 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

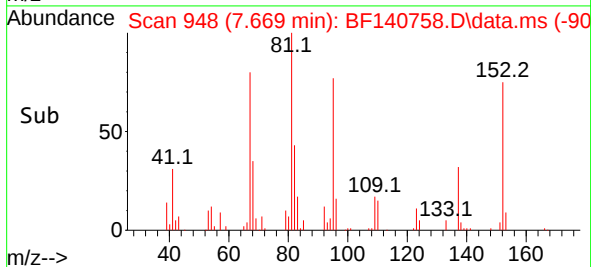
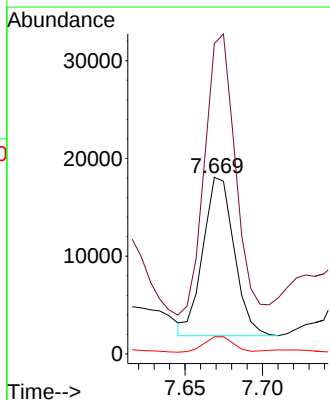
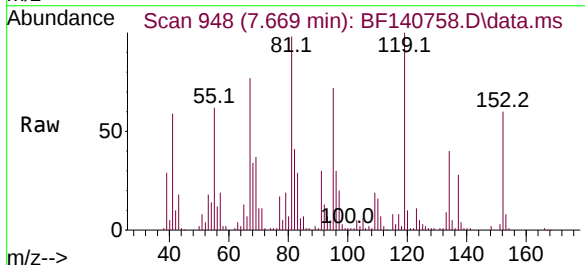
Instrument :
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ClientSampleId :
TR-04-12042024

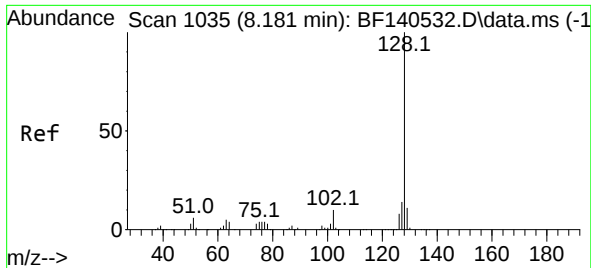
Tgt Ion: 82 Resp: 179547
Ion Ratio Lower Upper
82 100
128 42.4 33.0 49.4
54 46.5 39.5 59.3



#25
Isophorone
Concen: 4.138 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.029 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

Tgt Ion: 82 Resp: 22682
Ion Ratio Lower Upper
82 100
95 175.8 6.4 9.6#
138 9.7 13.8 20.6#

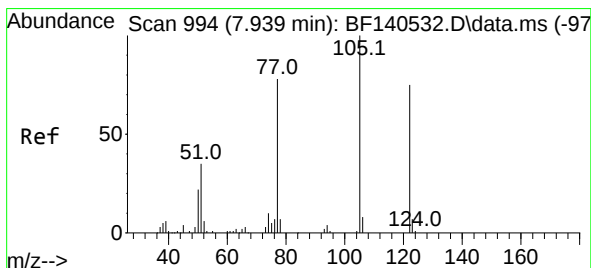
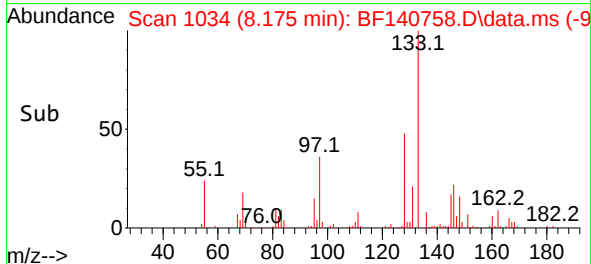
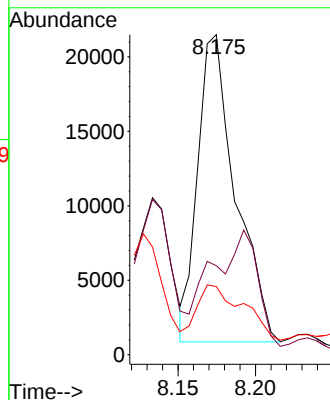
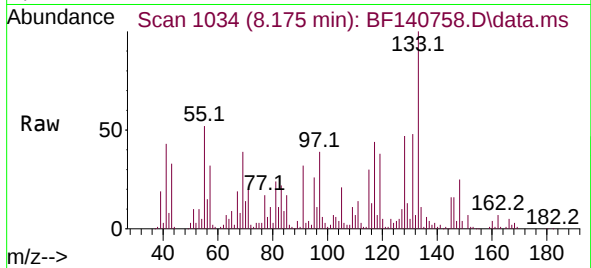




#31
Naphthalene
Concen: 4.052 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

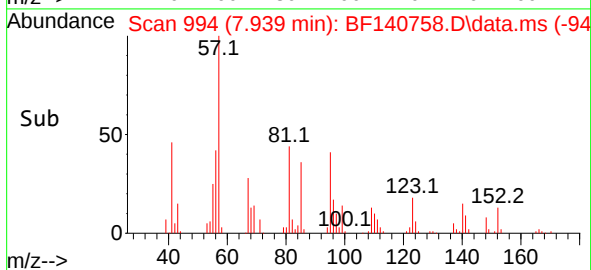
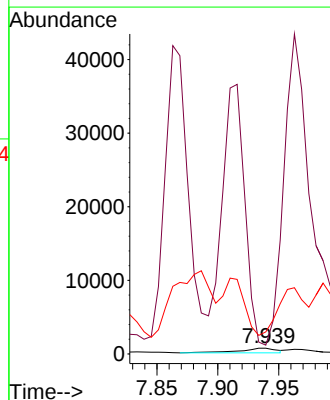
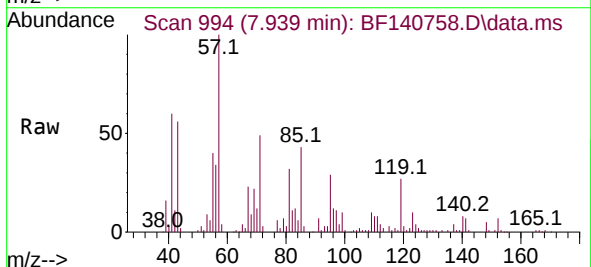
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BNA_F
ClientSampleId :
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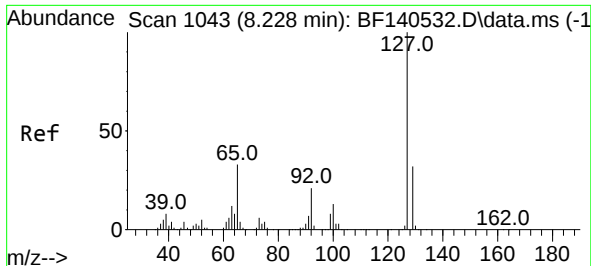
Tgt Ion:128 Resp: 35083
Ion Ratio Lower Upper
128 100
129 27.8 8.6 13.0#
127 21.3 10.8 16.2#



#32
Benzoic acid
Concen: 7.901 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

Tgt Ion:122 Resp: 1307
Ion Ratio Lower Upper
122 100
105 154.0 109.3 149.3#
77 384.9 82.3 122.3#

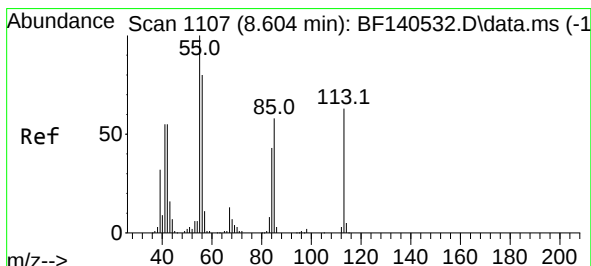
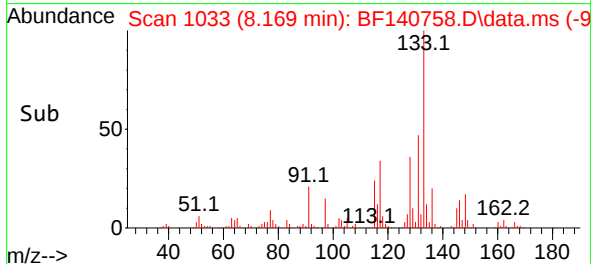
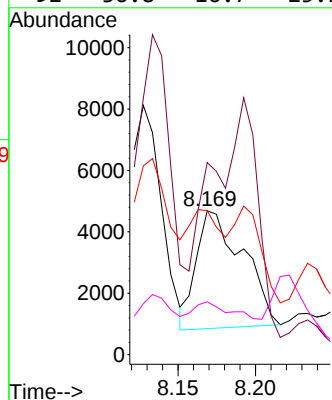
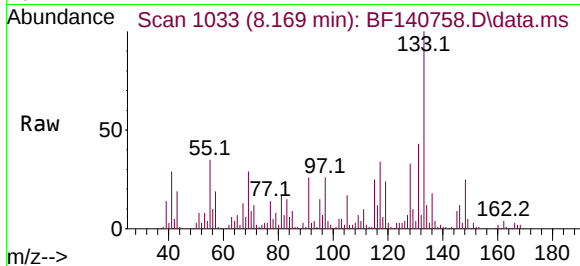




#33
4-Chloroaniline
Concen: 3.086 ng
RT: 8.169 min Scan# 1043
Delta R.T. -0.059 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

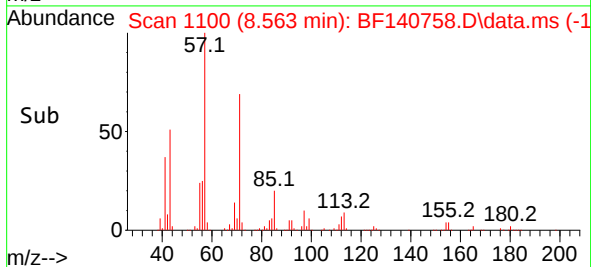
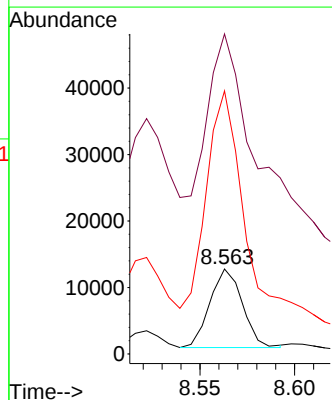
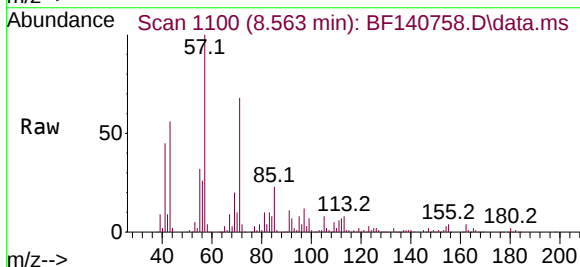
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TR-04-12042024

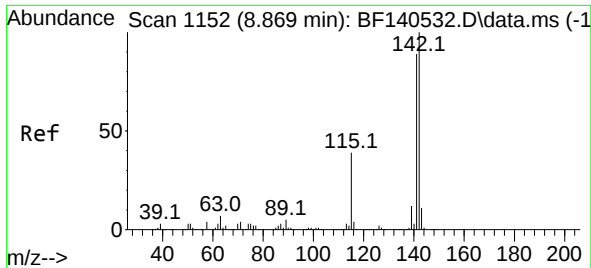
Tgt Ion:	127	Resp:	8000
Ion	Ratio	Lower	Upper
127	100		
129	133.6	26.0	39.0#
65	100.1	26.0	39.0#
92	36.8	16.7	25.1#



#35
Caprolactam
Concen: 19.153 ng
RT: 8.563 min Scan# 1100
Delta R.T. -0.041 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

Tgt Ion:	113	Resp:	14145
Ion	Ratio	Lower	Upper
113	100		
55	376.4	137.7	177.7#
56	309.5	106.4	146.4#





#37

2-Methylnaphthalene

Concen: 8.408 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

Instrument :

BNA_F

ClientSampleId :

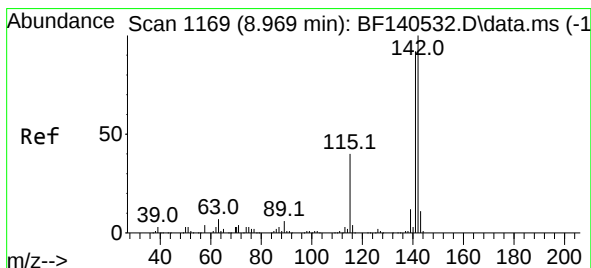
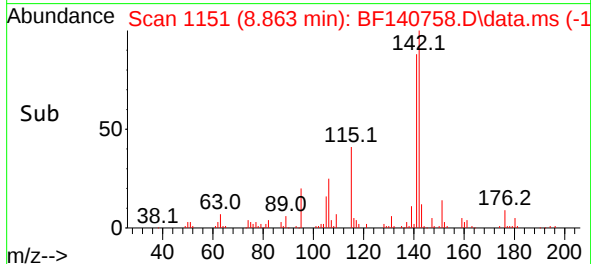
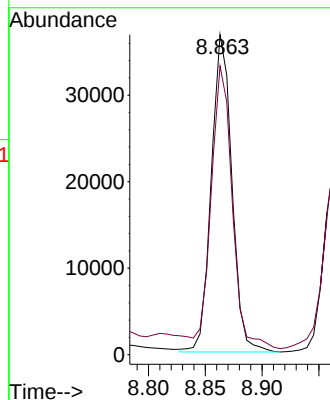
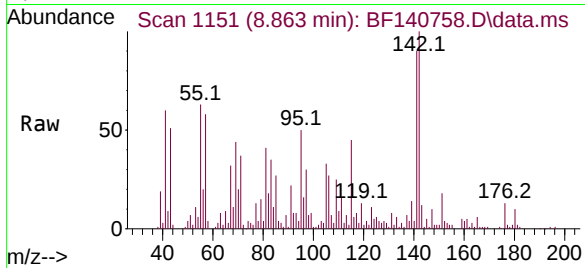
TR-04-12042024

Tgt Ion:142 Resp: 46243

Ion Ratio Lower Upper

142 100

141 90.2 71.0 106.6



#38

1-Methylnaphthalene

Concen: 5.700 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140758.D

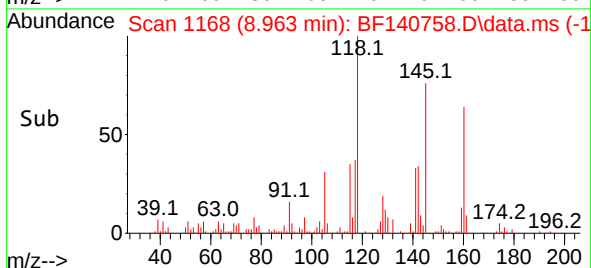
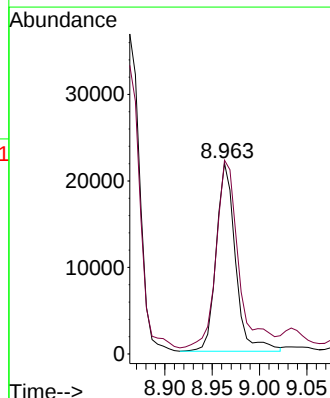
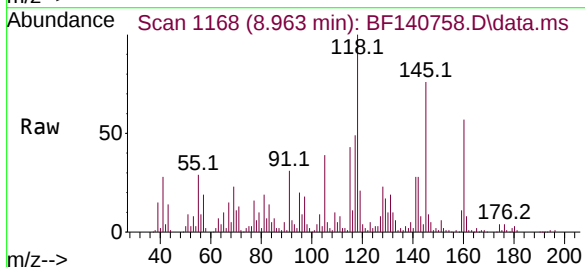
Acq: 05 Dec 2024 19:29

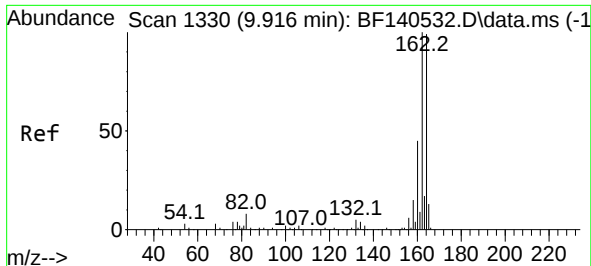
Tgt Ion:142 Resp: 30729

Ion Ratio Lower Upper

142 100

141 101.6 73.3 109.9

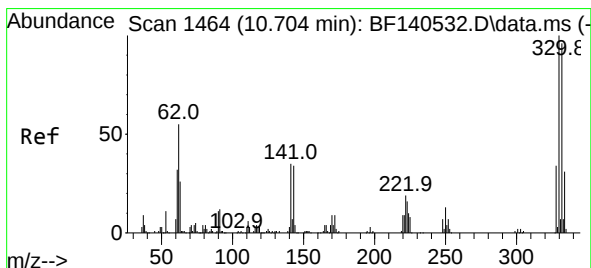
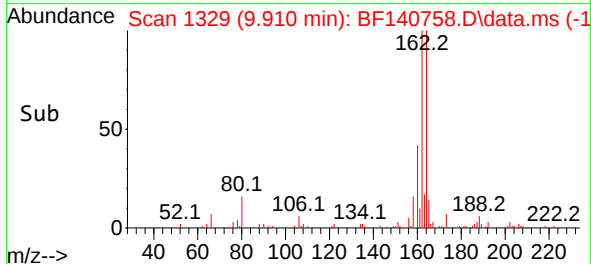
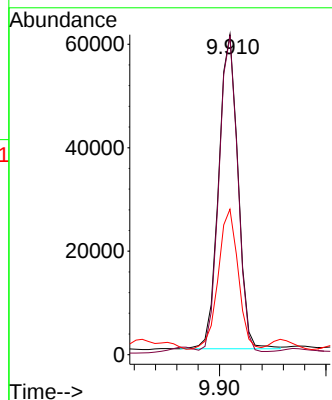
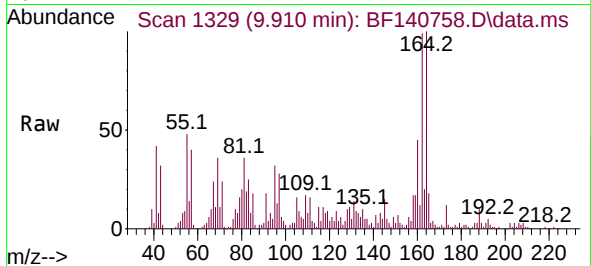




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

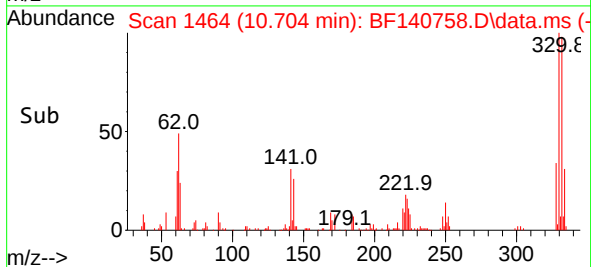
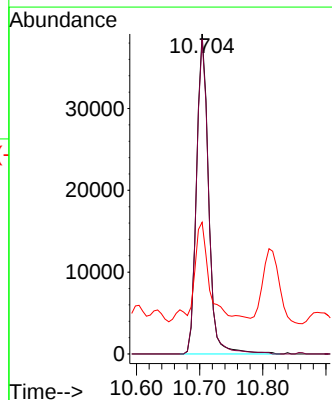
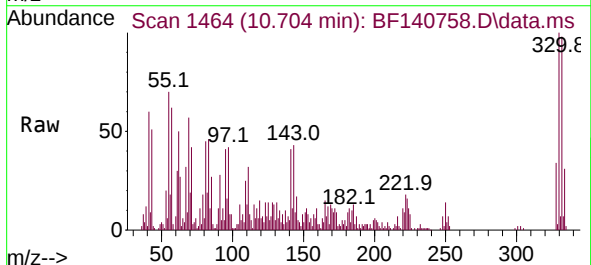
Instrument :
BNA_F
ClientSampleId :
TR-04-12042024

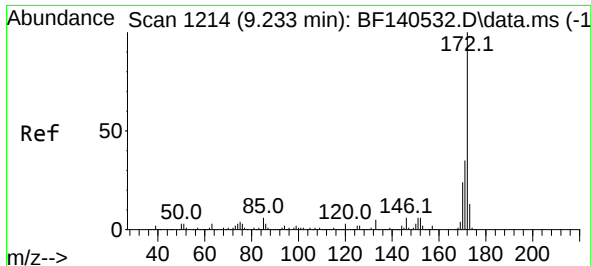
Tgt Ion:164	Resp:	76294
Ion Ratio	Lower	Upper
164	100	
162	99.4	80.6 120.8
160	45.4	36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 63.467 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

Tgt Ion:330	Resp:	51787
Ion Ratio	Lower	Upper
330	100	
332	99.0	76.9 115.3
141	32.6	26.7 40.1

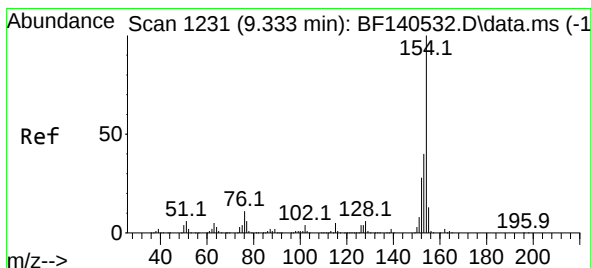
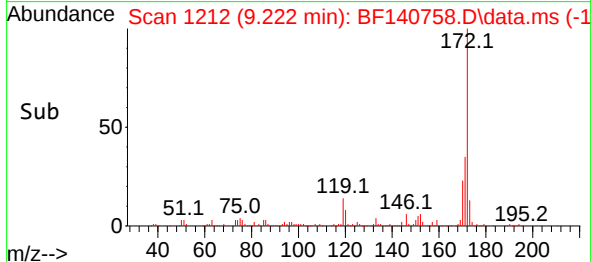
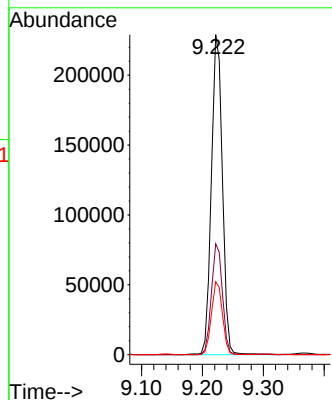
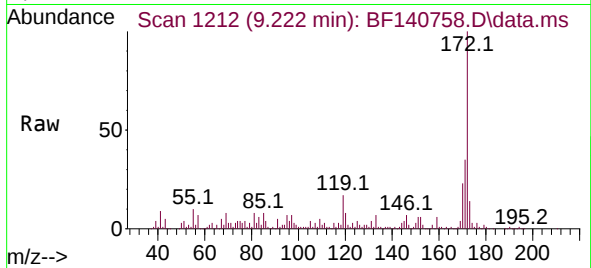




#45
2-Fluorobiphenyl
Concen: 56.317 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

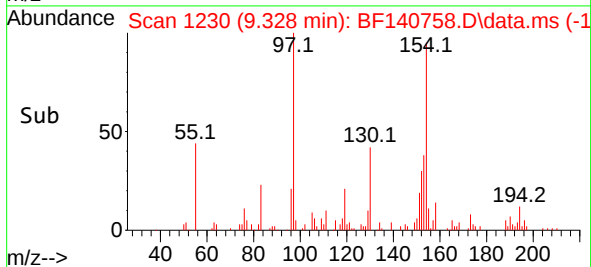
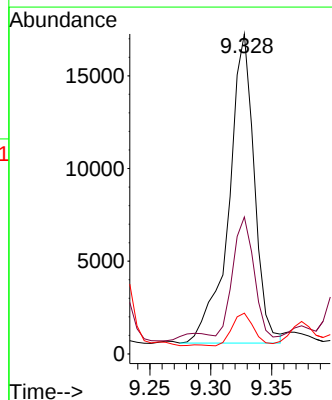
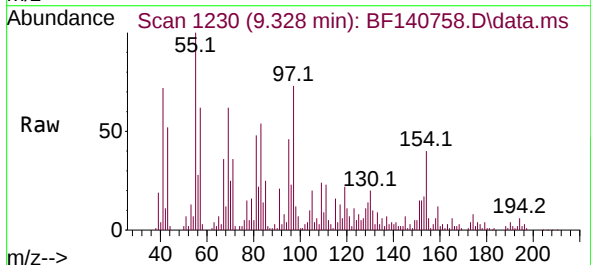
Instrument :
BNA_F
ClientSampleId :
TR-04-12042024

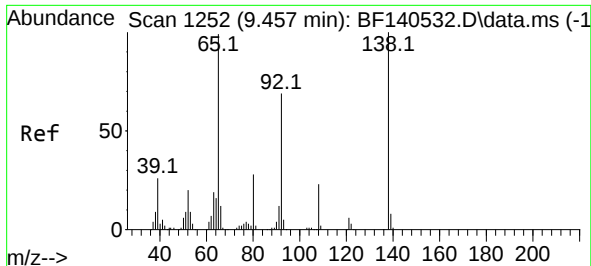
Tgt Ion:172 Resp: 288377
Ion Ratio Lower Upper
172 100
171 34.6 28.4 42.6
170 22.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 4.256 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

Tgt Ion:154 Resp: 24243
Ion Ratio Lower Upper
154 100
153 42.8 20.4 60.4
76 12.8 0.0 31.2





#48

2-Nitroaniline

Concen: 2.467 ng

RT: 9.481 min Scan# 11

Delta R.T. 0.024 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

Instrument :

BNA_F

ClientSampleId :

TR-04-12042024

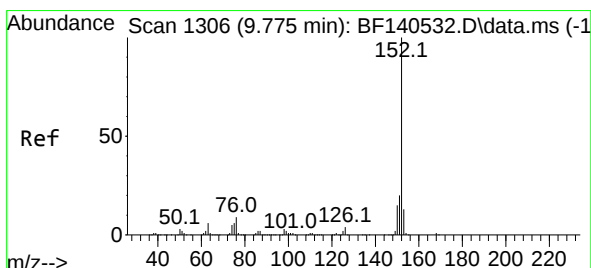
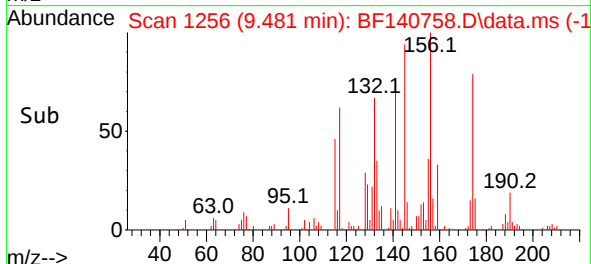
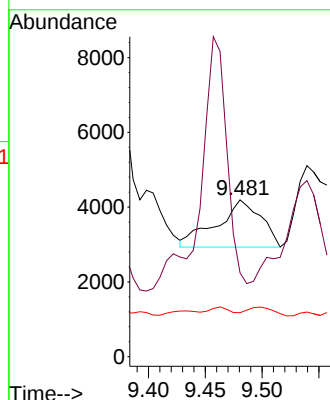
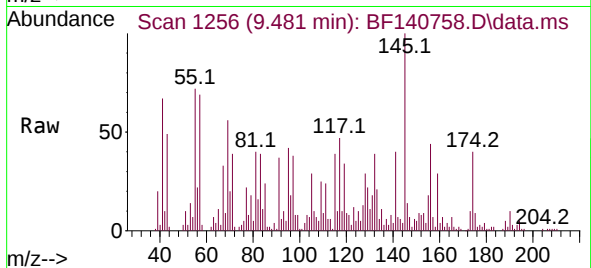
Tgt Ion: 65 Resp: 3418

Ion Ratio Lower Upper

65 100

92 53.5 56.1 84.1#

138 28.1 81.0 121.6#



#49

Acenaphthylene

Concen: 2.790 ng

RT: 9.769 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

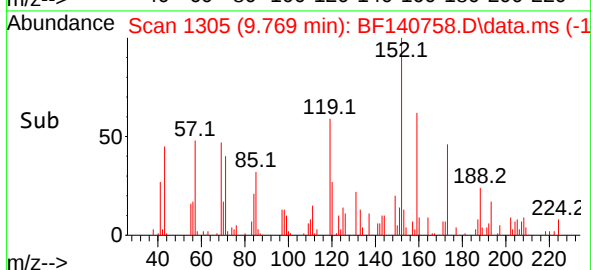
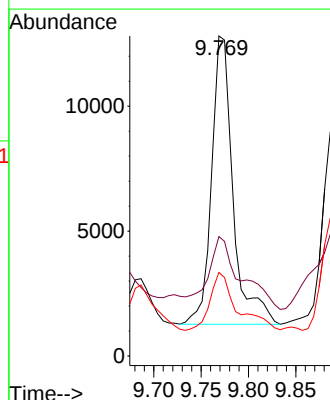
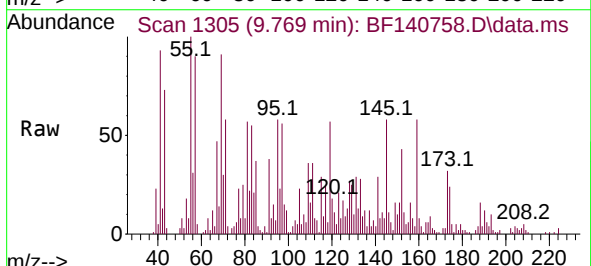
Tgt Ion: 152 Resp: 18197

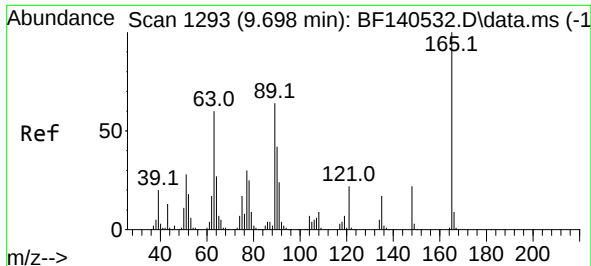
Ion Ratio Lower Upper

152 100

151 37.3 15.9 23.9#

153 26.1 10.6 16.0#





#51

2,6-Dinitrotoluene

Concen: 2.100 ng

RT: 9.663 min Scan# 11

Delta R.T. -0.035 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

Instrument :

BNA_F

ClientSampleId :

TR-04-12042024

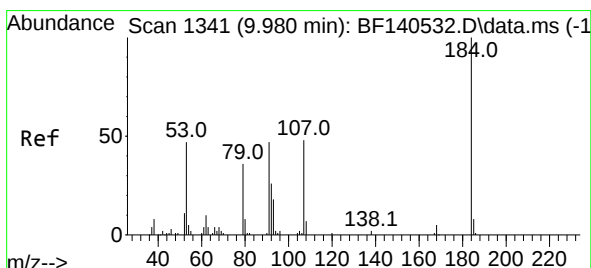
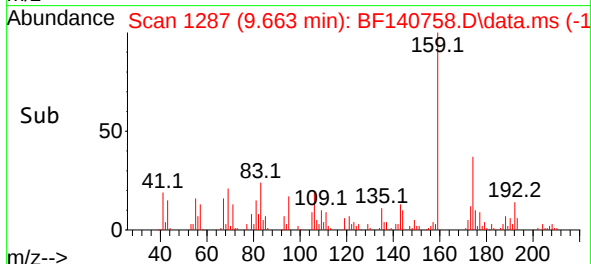
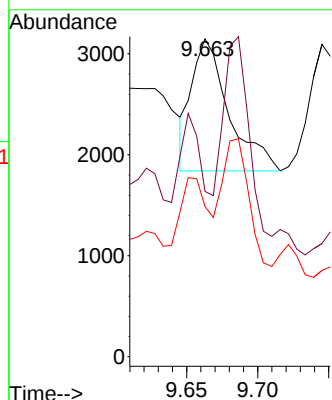
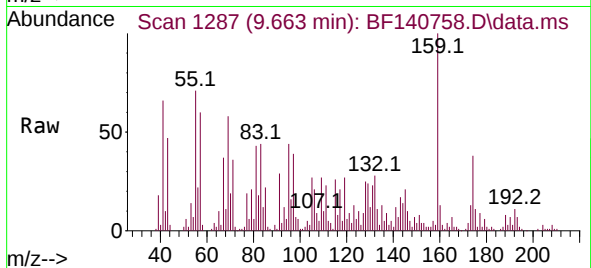
Tgt Ion:165 Resp: 2393

Ion Ratio Lower Upper

165 100

63 52.0 49.9 74.9

89 47.3 50.9 76.3#



#54

2,4-Dinitrophenol

Concen: 8.016 ng

RT: 9.975 min Scan# 1340

Delta R.T. -0.005 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

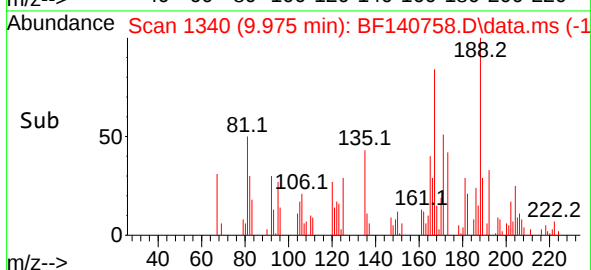
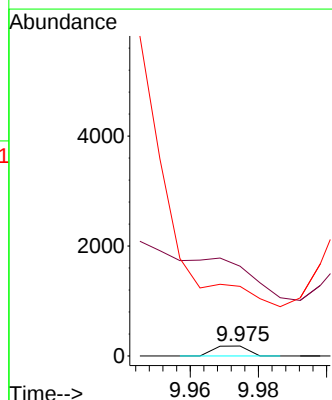
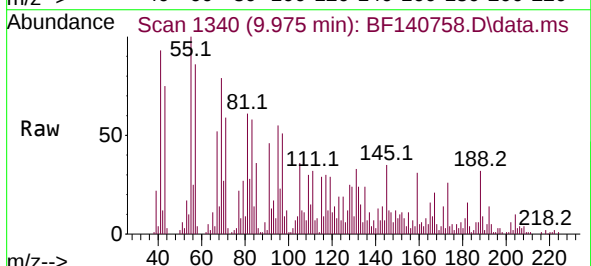
Tgt Ion:184 Resp: 126

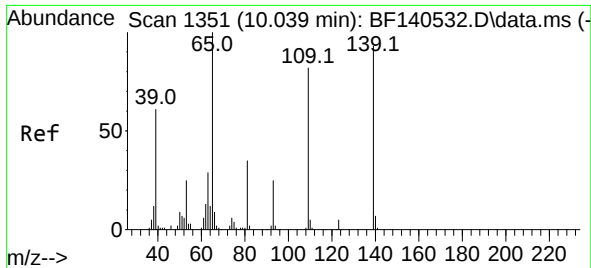
Ion Ratio Lower Upper

184 100

63 901.7 54.1 81.1#

154 700.0 57.4 86.0#

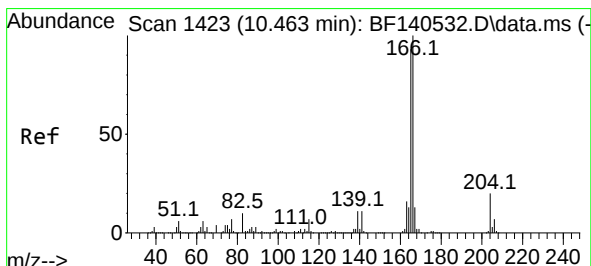
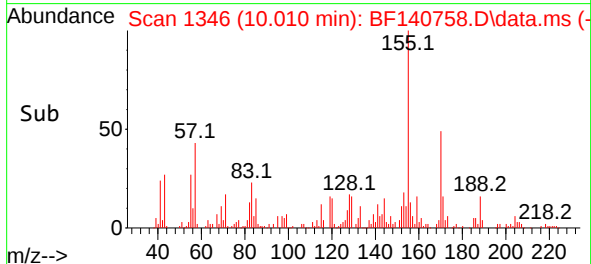
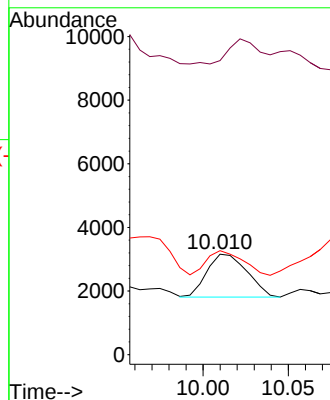
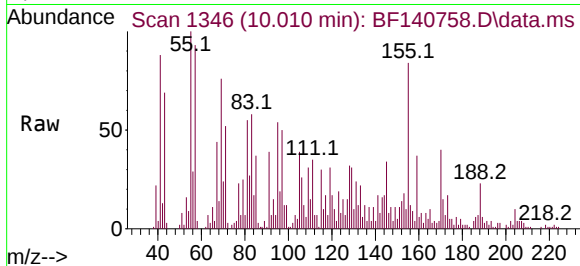




#56
4-Nitrophenol
Concen: 2.903 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

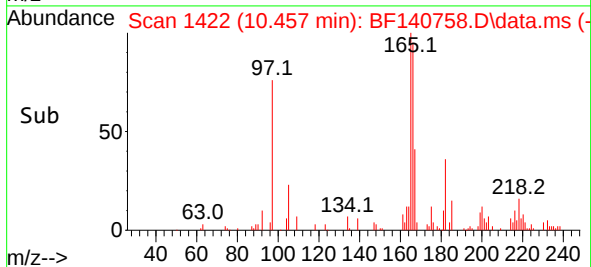
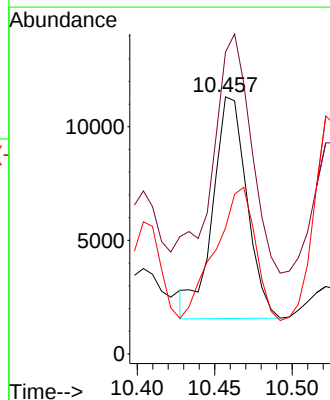
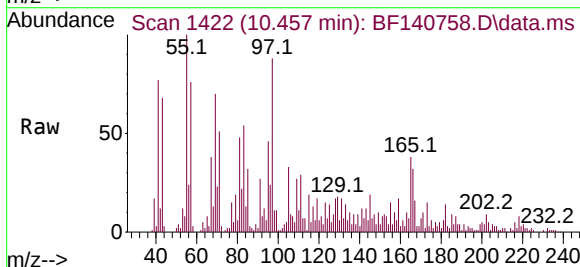
Instrument :
BNA_F
ClientSampleId :
TR-04-12042024

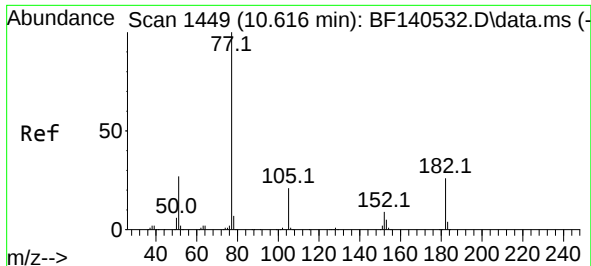
Tgt Ion:139 Resp: 2207
Ion Ratio Lower Upper
139 100
109 292.8 68.4 108.4#
65 103.5 88.6 128.6



#58
Fluorene
Concen: 2.948 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

Tgt Ion:166 Resp: 14958
Ion Ratio Lower Upper
166 100
165 117.4 74.6 111.8#
167 49.0 10.6 16.0#

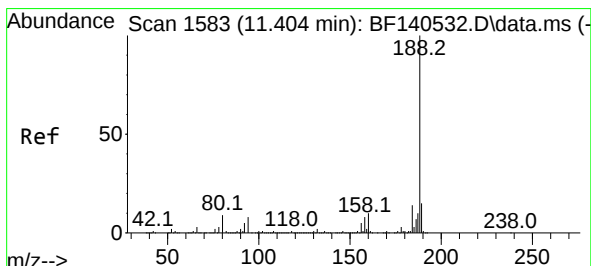
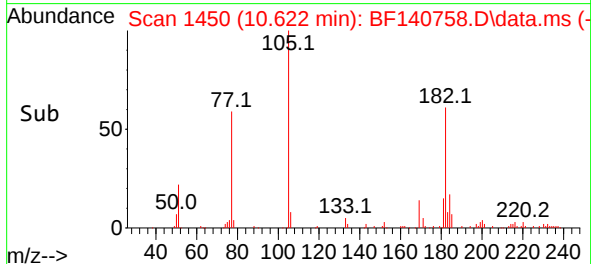
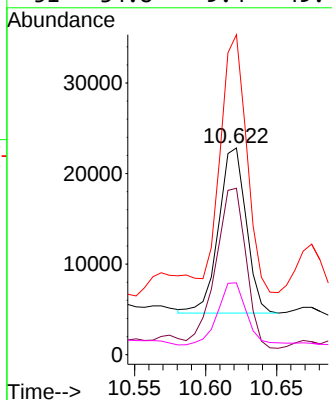
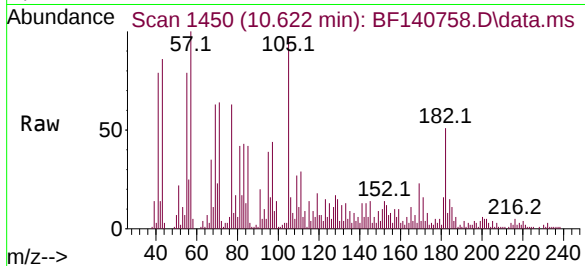




#63
Azobenzene
Concen: 5.087 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

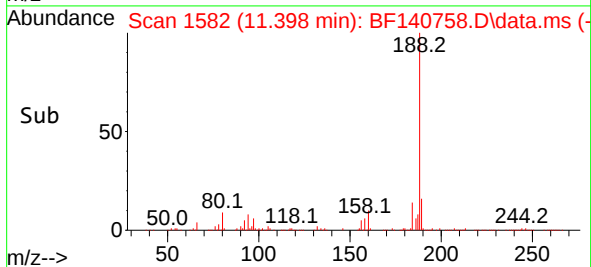
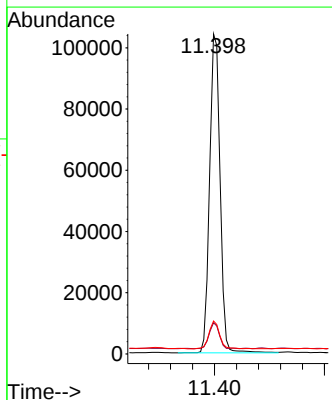
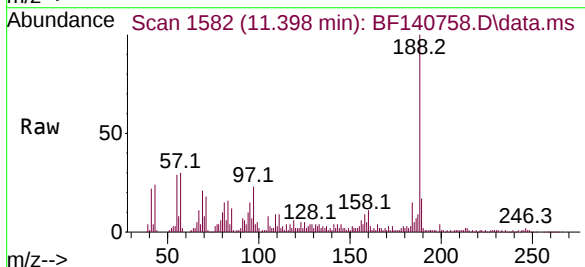
Instrument :
BNA_F
ClientSampleId :
TR-04-12042024

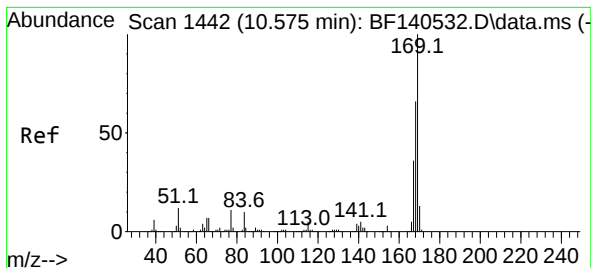
Tgt Ion: 77	Resp: 24593
Ion Ratio	Lower Upper
77 100	
182 80.5	5.3 45.3#
105 154.8	0.3 40.3#
51 34.8	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

Tgt Ion: 188	Resp: 137445
Ion Ratio	Lower Upper
188 100	
94 9.7	6.4 9.6#
80 10.3	6.9 10.3#

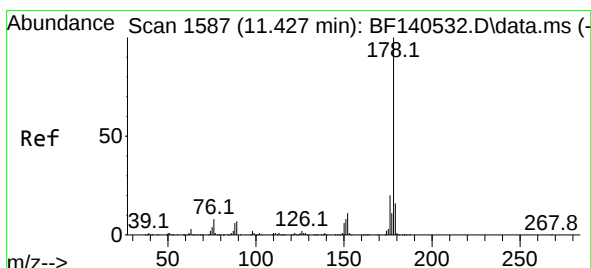
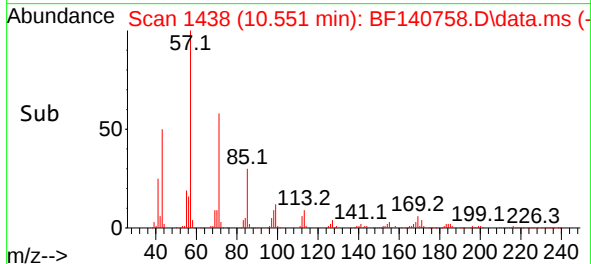
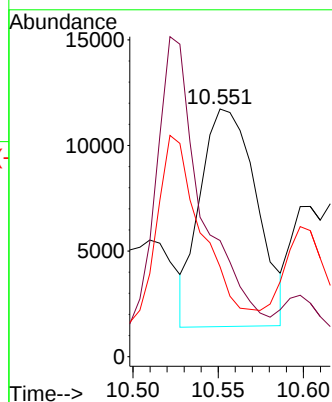
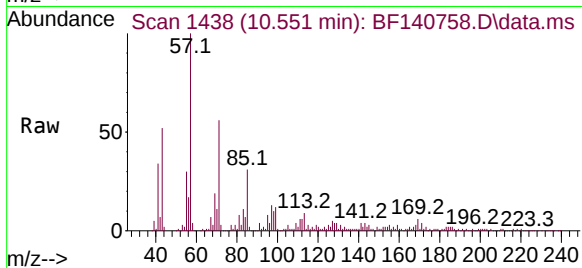




#66
n-Nitrosodiphenylamine
Concen: 5.826 ng
RT: 10.551 min Scan# 1442
Delta R.T. -0.024 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

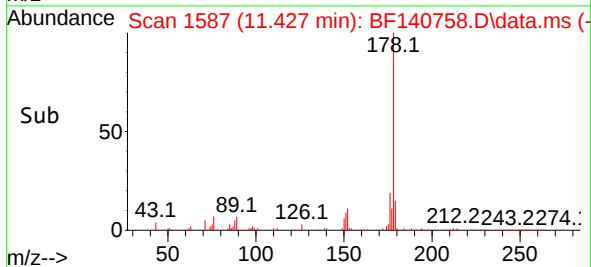
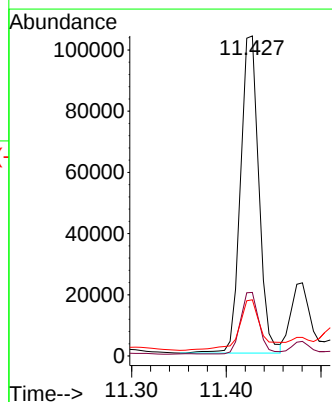
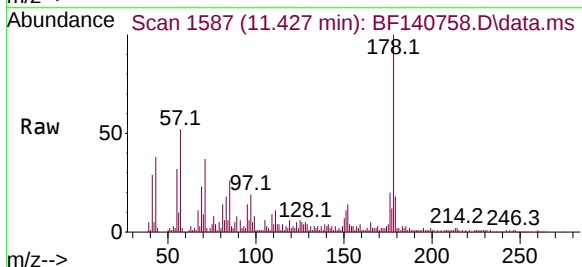
Instrument :
BNA_F
ClientSampleId :
TR-04-12042024

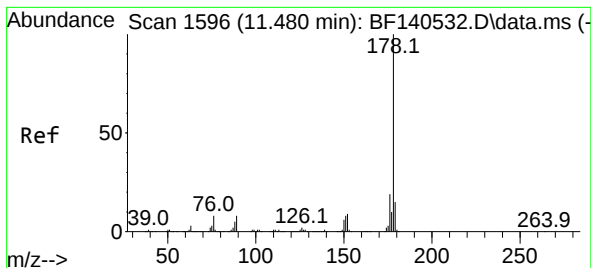
Tgt Ion:169 Resp: 23680
Ion Ratio Lower Upper
169 100
168 46.9 53.2 79.8#
167 36.3 29.0 43.6



#71
Phenanthrene
Concen: 21.183 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

Tgt Ion:178 Resp: 139952
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 17.5 12.4 18.6





#72

Anthracene

Concen: 21.655 ng

RT: 11.427 min Scan# 1587

Delta R.T. -0.053 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

Instrument :

BNA_F

ClientSampleId :

TR-04-12042024

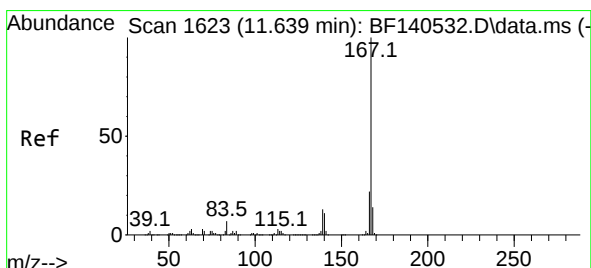
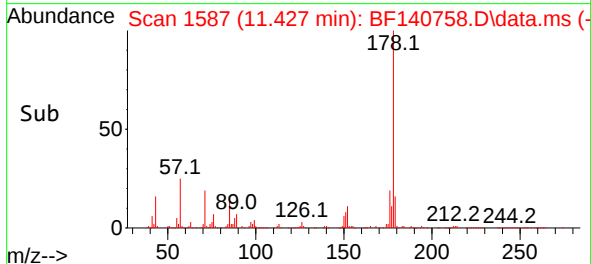
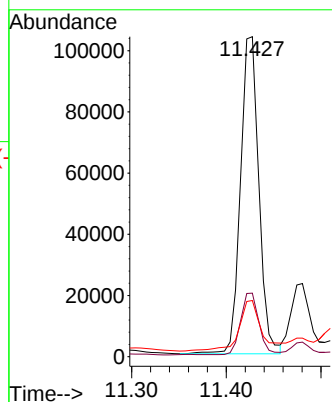
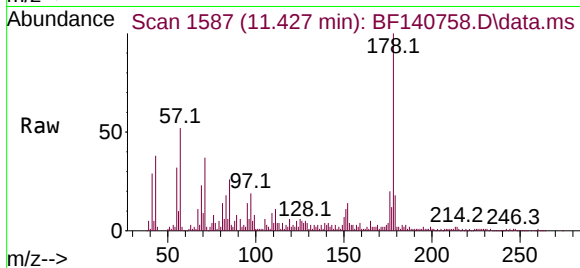
Tgt Ion:178 Resp: 139952

Ion Ratio Lower Upper

178 100

176 19.8 15.0 22.4

179 17.5 12.2 18.4



#73

Carbazole

Concen: 2.244 ng

RT: 11.639 min Scan# 1623

Delta R.T. 0.000 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

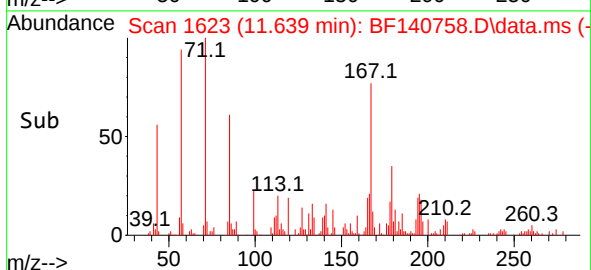
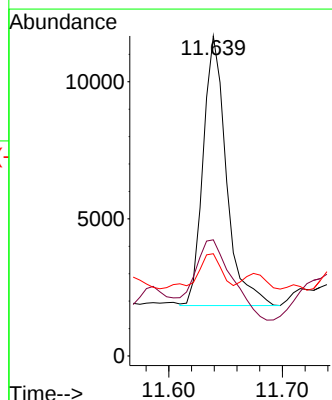
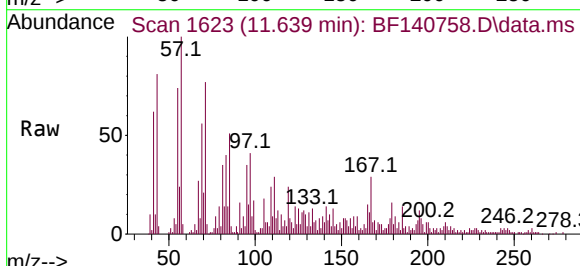
Tgt Ion:167 Resp: 13953

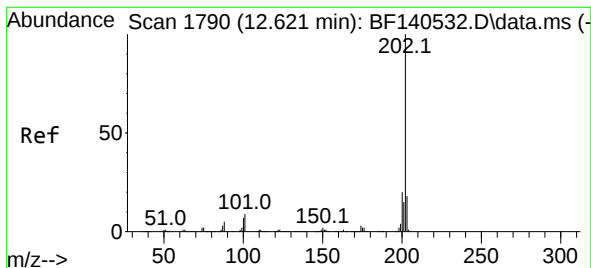
Ion Ratio Lower Upper

167 100

166 36.3 17.2 25.8#

139 32.0 10.6 15.8#





#75

Fluoranthene

Concen: 41.987 ng

RT: 12.621 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

Instrument :

BNA_F

ClientSampleId :

TR-04-12042024

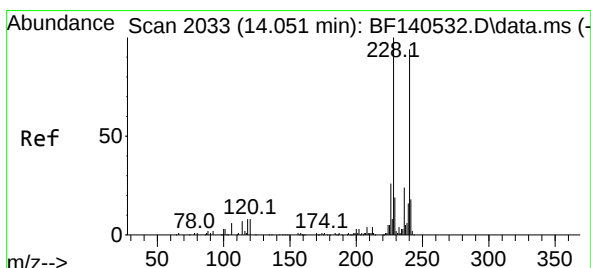
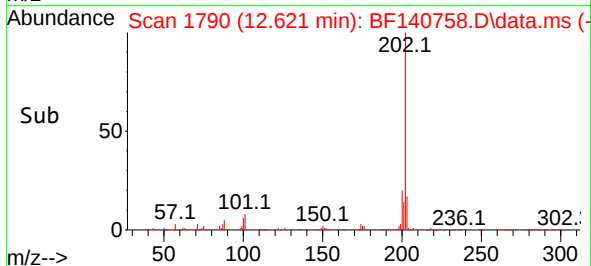
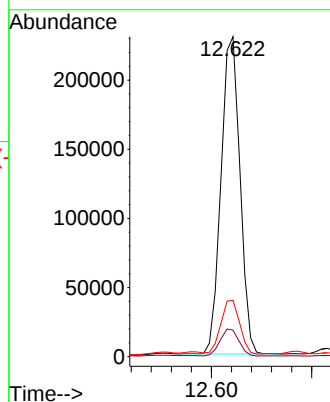
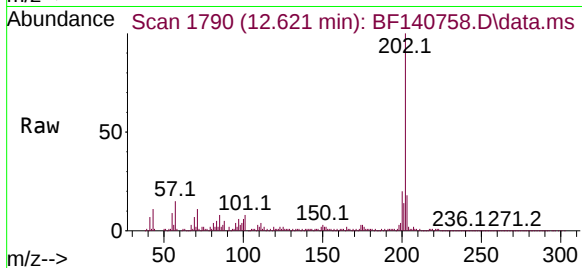
Tgt Ion:202 Resp: 301189

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.9

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

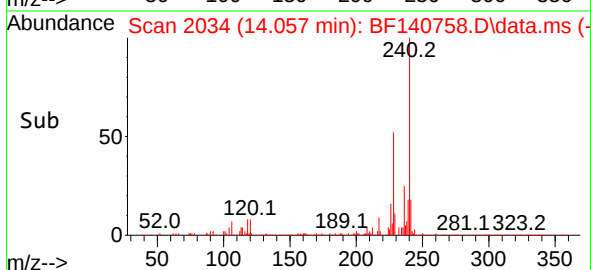
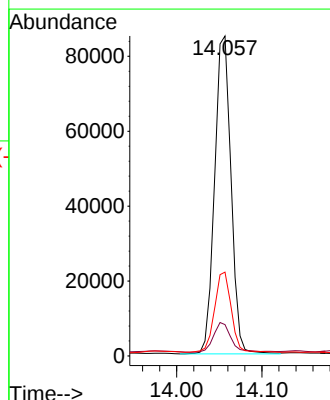
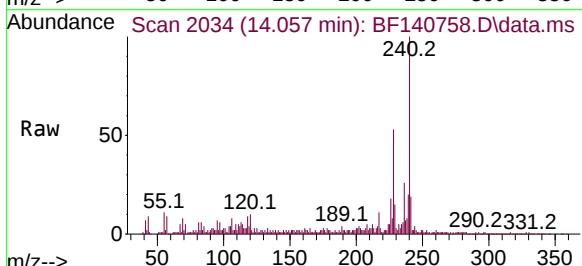
Tgt Ion:240 Resp: 113590

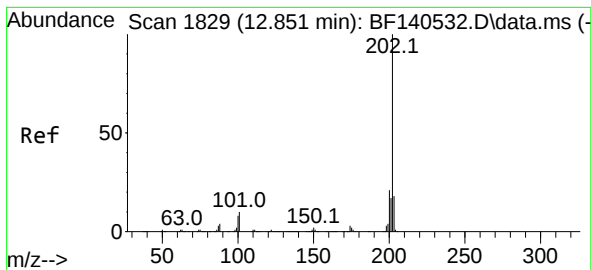
Ion Ratio Lower Upper

240 100

120 9.8 7.3 10.9

236 26.2 20.6 31.0





#78

Pyrene

Concen: 30.813 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.000 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

Instrument :

BNA_F

ClientSampleId :

TR-04-12042024

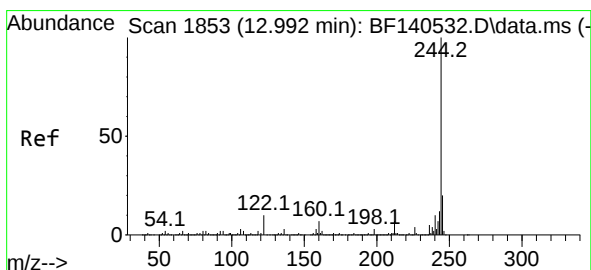
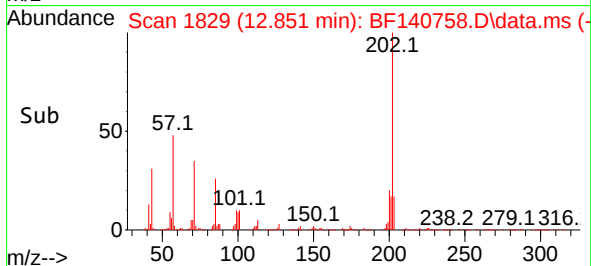
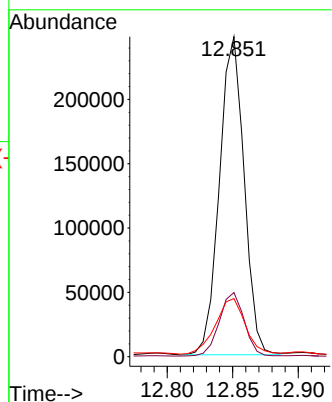
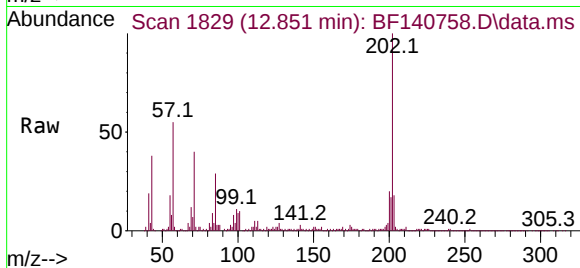
Tgt Ion:202 Resp: 323621

Ion Ratio Lower Upper

202 100

200 20.1 16.5 24.7

203 18.2 14.2 21.4



#79

Terphenyl-d14

Concen: 43.256 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

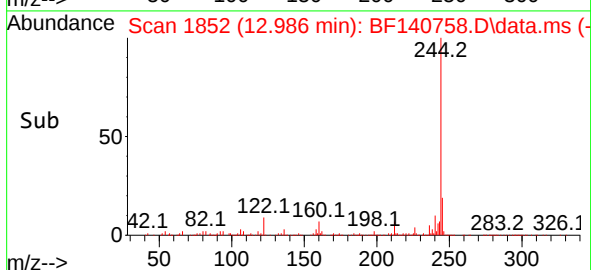
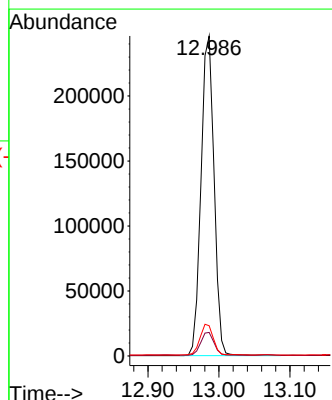
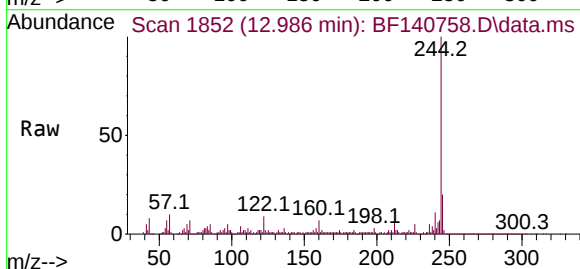
Tgt Ion:244 Resp: 315546

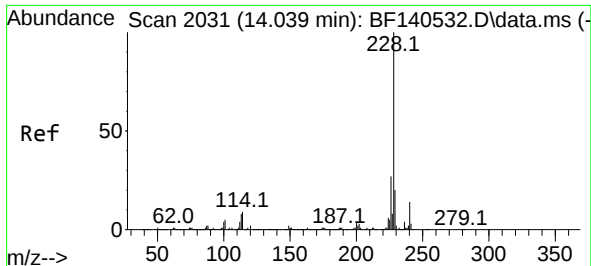
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 9.4 8.0 12.0

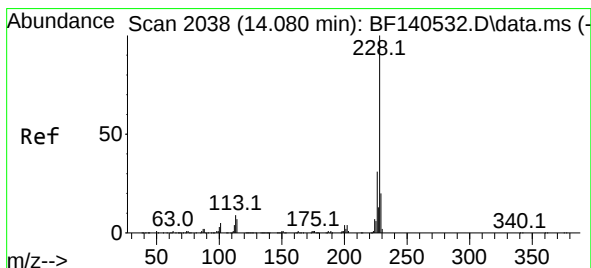
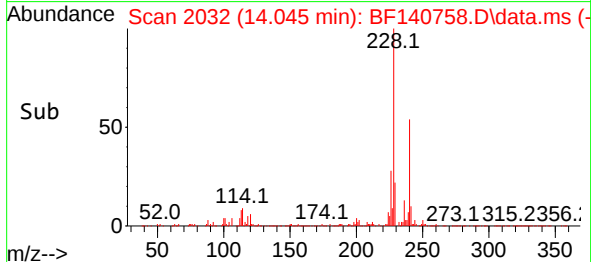
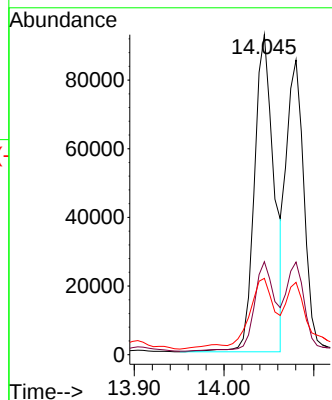
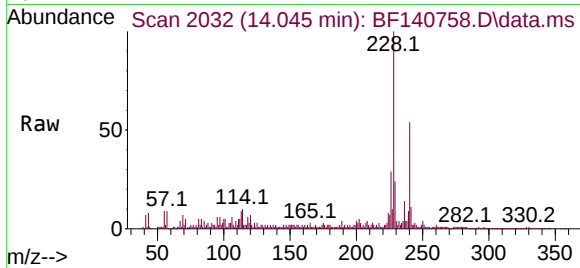




#81
Benzo(a)anthracene
Concen: 18.713 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

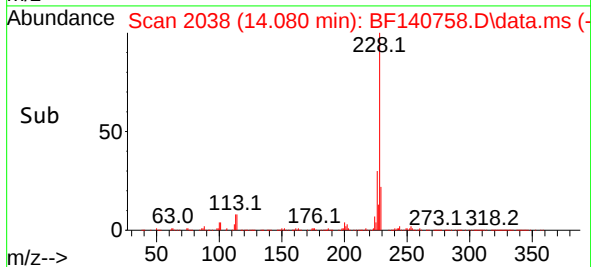
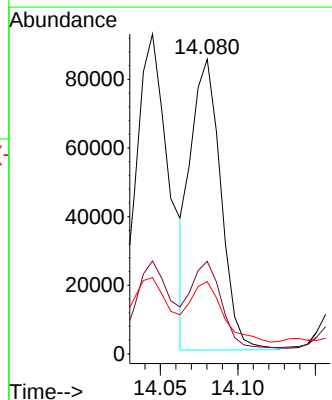
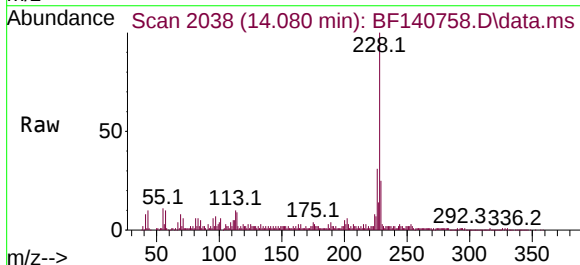
Instrument :
BNA_F
ClientSampleId :
TR-04-12042024

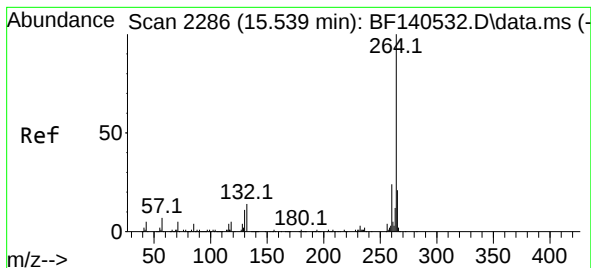
Tgt Ion:228 Resp: 140708
Ion Ratio Lower Upper
228 100
226 29.1 21.8 32.8
229 23.8 15.8 23.6#



#83
Chrysene
Concen: 16.713 ng
RT: 14.080 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF140758.D
Acq: 05 Dec 2024 19:29

Tgt Ion:228 Resp: 114911
Ion Ratio Lower Upper
228 100
226 31.5 24.4 36.6
229 24.6 15.8 23.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

Instrument :

BNA_F

ClientSampleId :

TR-04-12042024

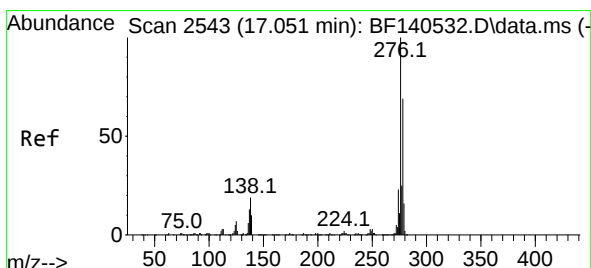
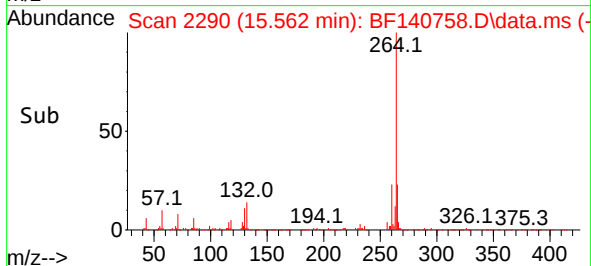
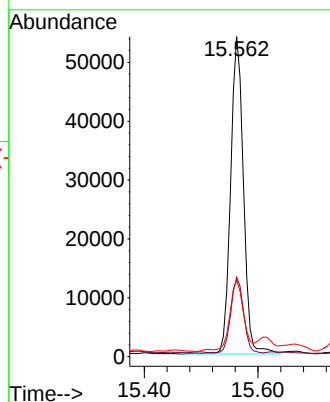
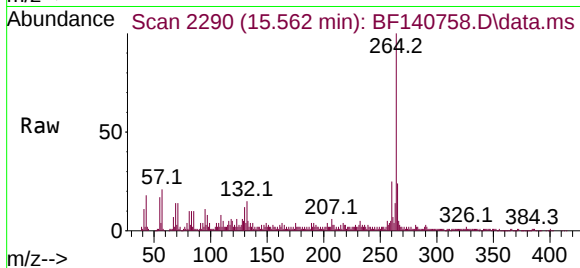
Tgt Ion:264 Resp: 84812

Ion Ratio Lower Upper

264 100

260 24.9 19.0 28.6

265 24.0 16.6 25.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 10.803 ng

RT: 17.080 min Scan# 2548

Delta R.T. 0.029 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

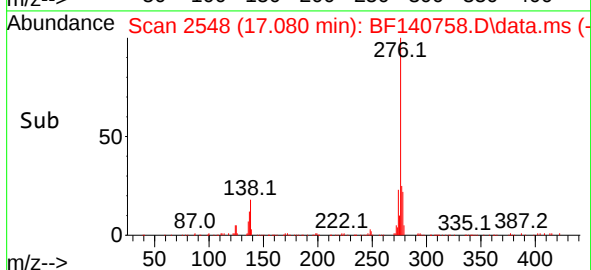
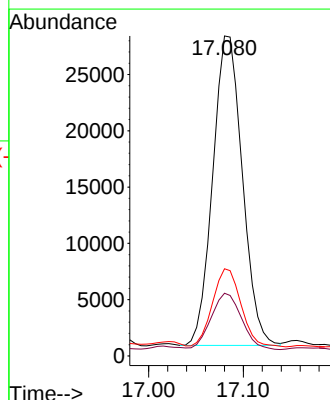
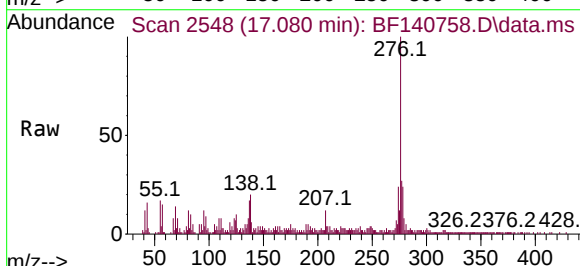
Tgt Ion:276 Resp: 59710

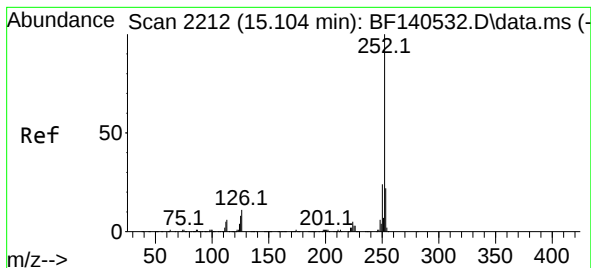
Ion Ratio Lower Upper

276 100

138 18.8 15.5 23.3

277 24.4 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 35.364 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.024 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

Instrument :

BNA_F

ClientSampleId :

TR-04-12042024

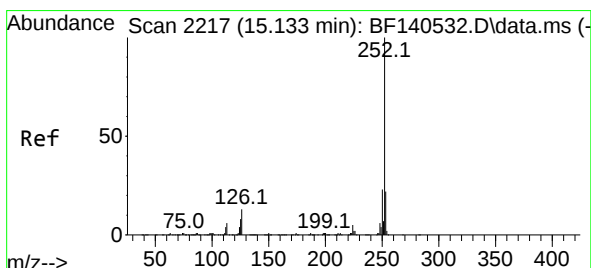
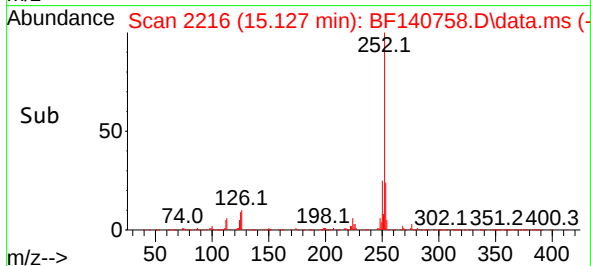
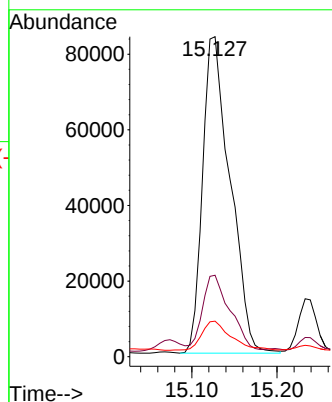
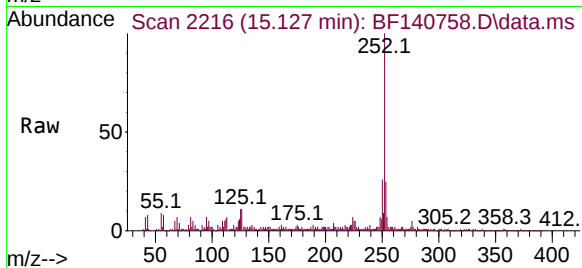
Tgt Ion:252 Resp: 188388

Ion Ratio Lower Upper

252 100

253 25.5 17.2 25.8

125 11.1 6.7 10.1#



#89

Benzo(k)fluoranthene

Concen: 40.412 ng

RT: 15.127 min Scan# 2216

Delta R.T. -0.006 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

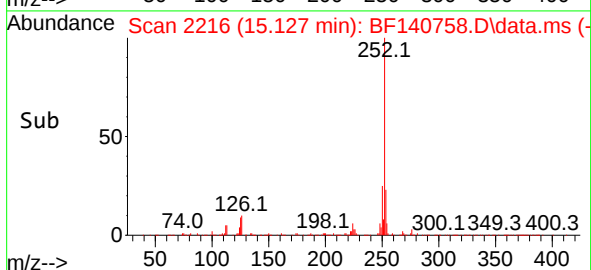
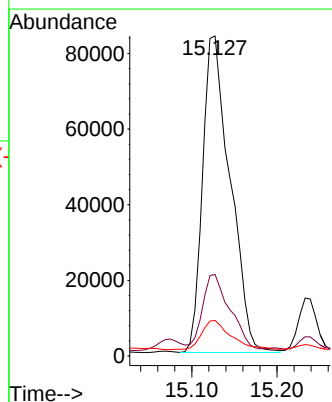
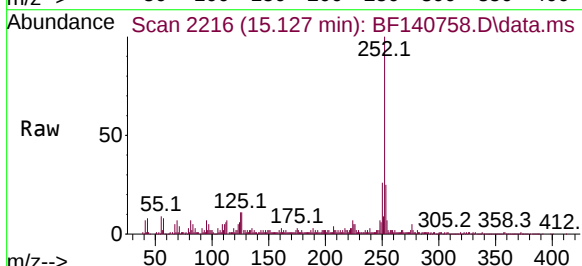
Tgt Ion:252 Resp: 188388

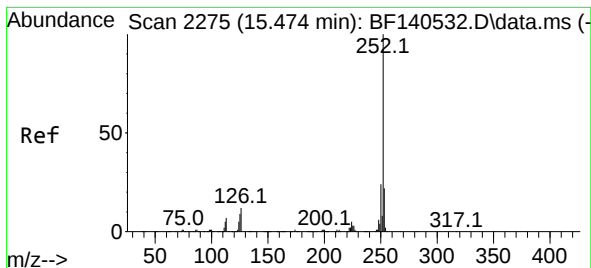
Ion Ratio Lower Upper

252 100

253 25.5 17.5 26.3

125 11.1 6.5 9.7#





#90

Benzo(a)pyrene

Concen: 24.755 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

Instrument :

BNA_F

ClientSampleId :

TR-04-12042024

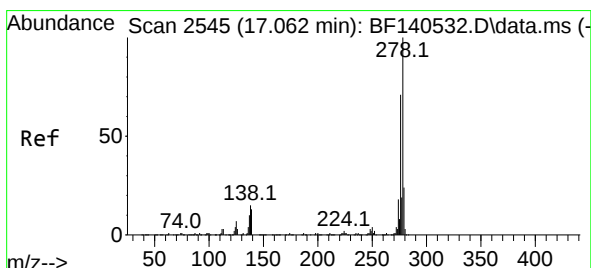
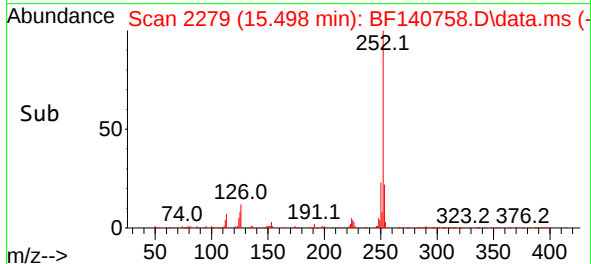
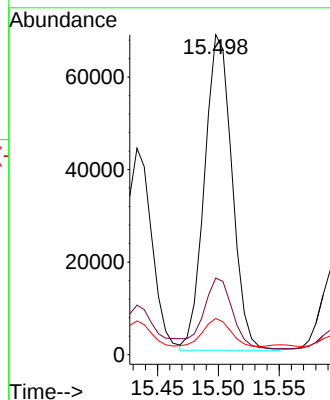
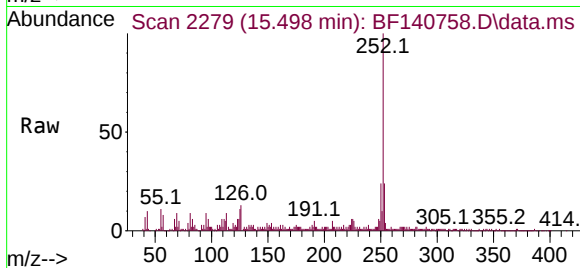
Tgt Ion:252 Resp: 107224

Ion Ratio Lower Upper

252 100

253 24.0 17.3 25.9

125 11.3 7.0 10.6#



#91

Dibenzo(a,h)anthracene

Concen: 3.309 ng

RT: 17.080 min Scan# 2548

Delta R.T. 0.018 min

Lab File: BF140758.D

Acq: 05 Dec 2024 19:29

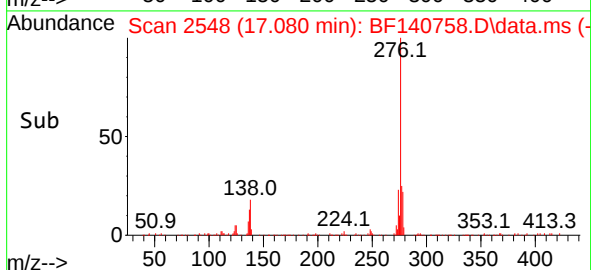
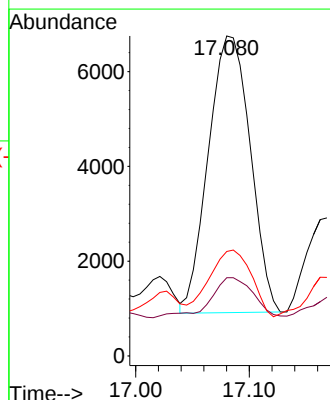
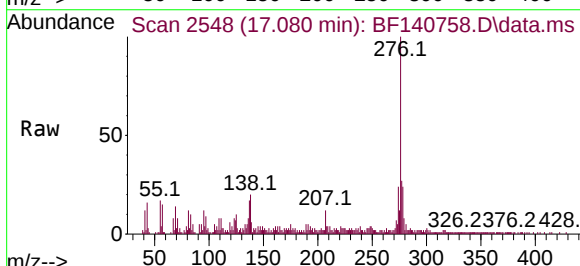
Tgt Ion:278 Resp: 14979

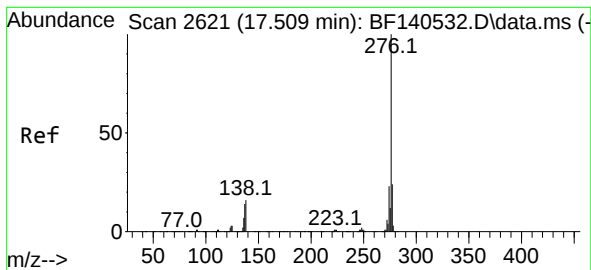
Ion Ratio Lower Upper

278 100

139 24.5 10.2 15.4#

279 32.6 18.9 28.3#





#92

Benzo(g,h,i)perylene

Concen: 12.573 ng

RT: 17.545 min Scan# 20

Delta R.T. 0.035 min

Lab File: BF140758.D

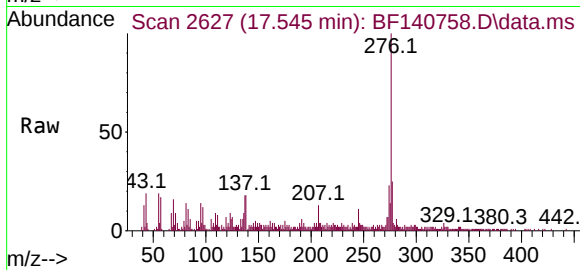
Acq: 05 Dec 2024 19:29

Instrument :

BNA_F

ClientSampleId :

TR-04-12042024



Tgt Ion:276 Resp: 58076

Ion Ratio Lower Upper

276 100

277 24.8 18.9 28.3

138 17.8 13.2 19.8

