

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128790.D
 Acq On : 13 Jun 2022 18:13
 Operator : CG\JU
 Sample : N3304-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-10

Quant Time: Jun 14 01:56:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

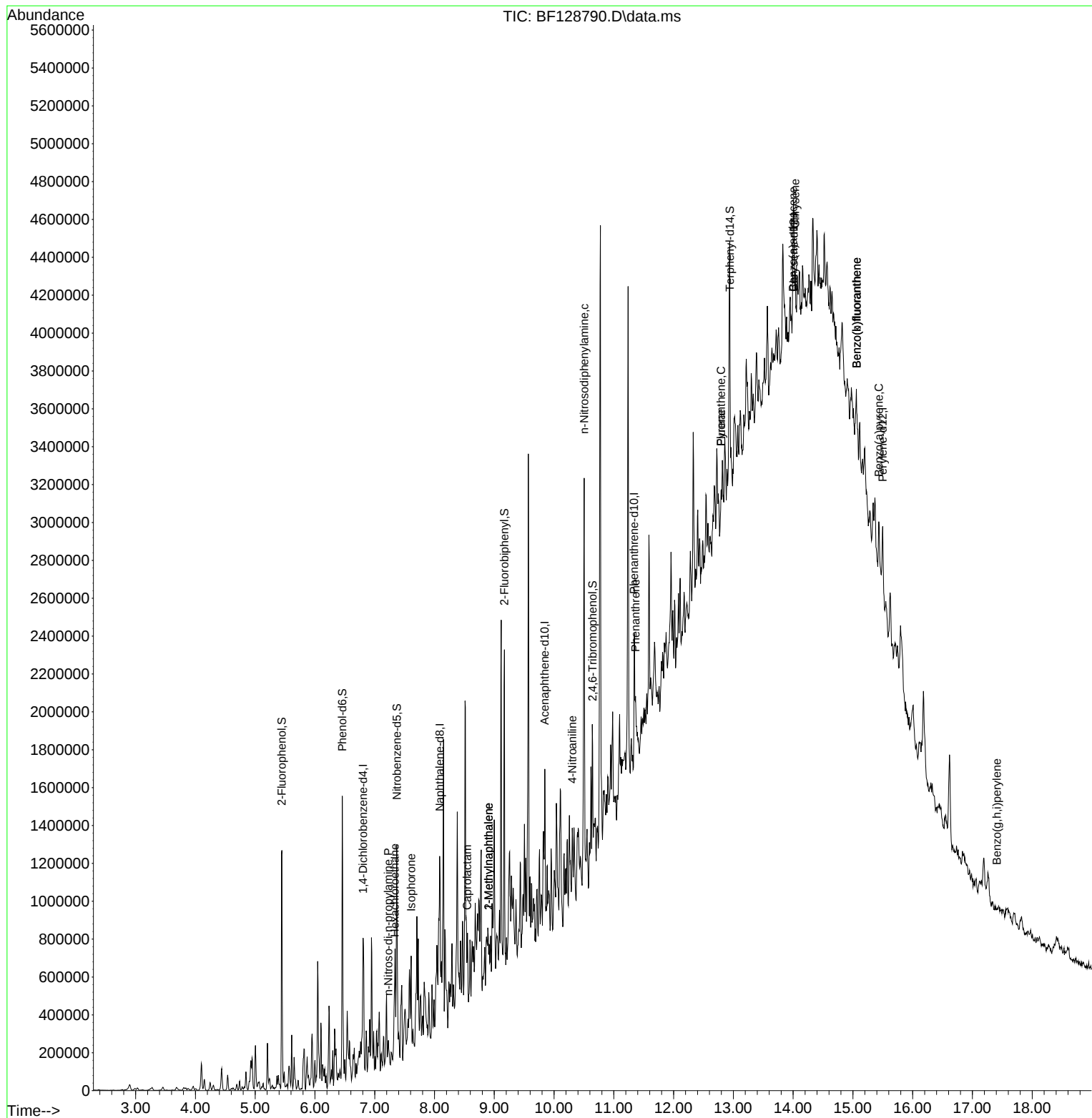
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	73443	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	252413	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	118560	20.000	ng	-0.01
64) Phenanthrene-d10	11.339	188	177651	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	141710	20.000	ng	# 0.02
86) Perylene-d12	15.498	264	109892	20.000	ng	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	336407	72.960	ng	-0.01
7) Phenol-d6	6.457	99	418771	74.404	ng	-0.02
23) Nitrobenzene-d5	7.369	82	291765	53.817	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	90112	64.327	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	501940	59.305	ng	0.00
79) Terphenyl-d14	12.939	244	400600	49.121	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.334	117	12616	6.156	ng	# 1
19) n-Nitroso-di-n-propyla...	7.228	70	8037	2.297	ng	# 68
25) Isophorone	7.610	82	18710	2.272	ng	# 1
35) Caprolactam	8.545	113	3721	3.480	ng	# 1
37) 2-Methylnaphthalene	8.904	142	18247	2.215	ng	87
38) 1-Methylnaphthalene	8.904	142	18247	2.292	ng	92
62) 4-Nitroaniline	10.304	138	3906	2.219	ng	92
66) n-Nitrosodiphenylamine	10.504	169	49747	9.111	ng	# 51
71) Phenanthrene	11.363	178	64844	7.277	ng	# 88
75) Fluoranthene	12.792	202	84738	9.098	ng	83
78) Pyrene	12.792	202	84738	8.037	ng	# 87
81) Benzo(a)anthracene	13.998	228	55369	6.268	ng	# 54
83) Chrysene	14.033	228	87802	10.426	ng	# 69
88) Benzo(b)fluoranthene	15.063	252	35147	5.005	ng	# 1
89) Benzo(k)fluoranthene	15.063	252	35147	5.321	ng	# 1
90) Benzo(a)pyrene	15.433	252	29145	5.281	ng	# 1
92) Benzo(g,h,i)perylene	17.409	276	15943	2.928	ng	# 63

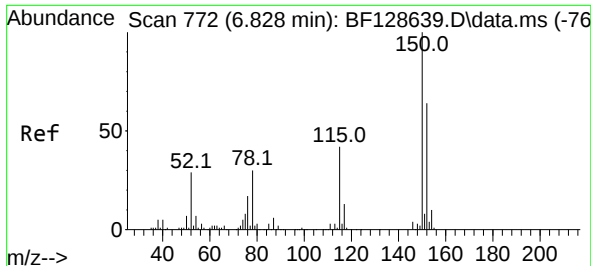
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128790.D
Acq On : 13 Jun 2022 18:13
Operator : CG\JU
Sample : N3304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

Quant Time: Jun 14 01:56:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 08 14:28:39 2022
Response via : Initial Calibration

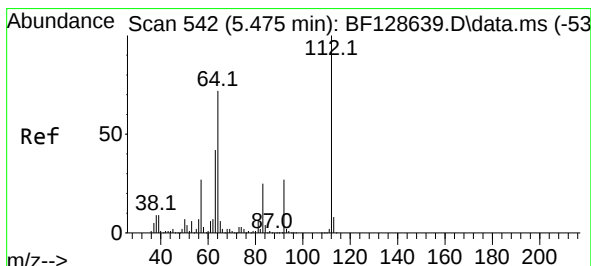
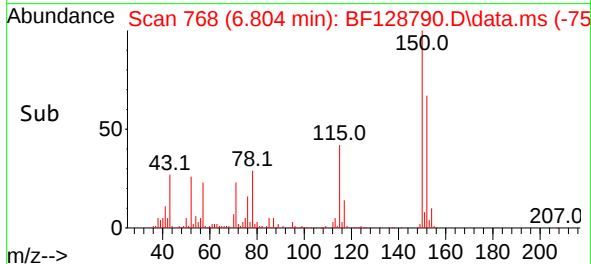
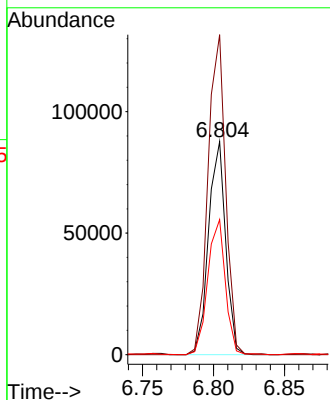
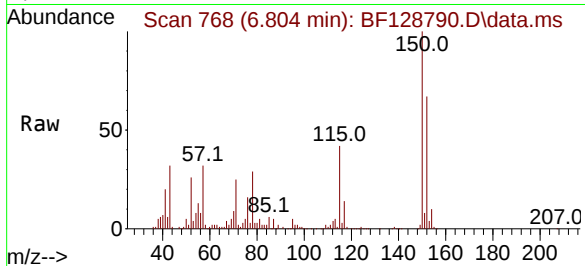




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

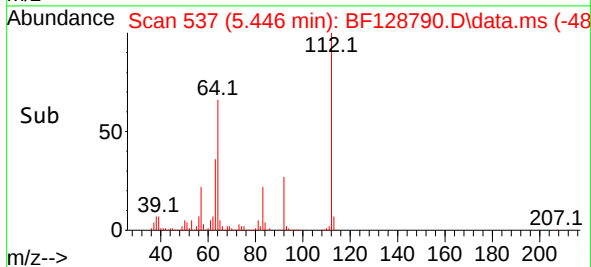
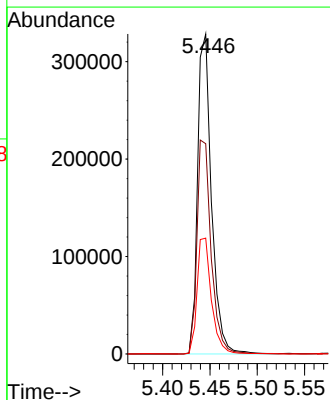
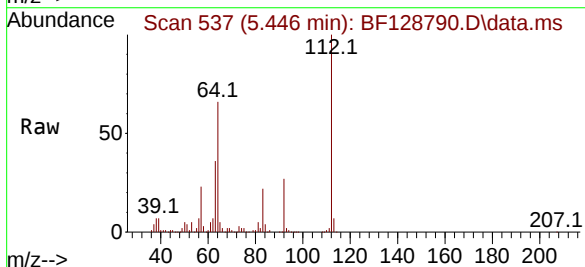
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

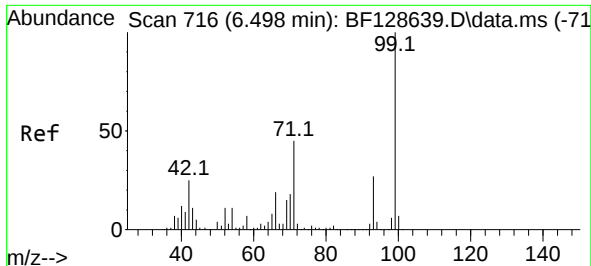
Tgt Ion:152 Resp: 73443
Ion Ratio Lower Upper
152 100
150 150.2 123.7 185.5
115 63.4 49.9 74.9



#5
2-Fluorophenol
Concen: 72.960 ng
RT: 5.446 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

Tgt Ion:112 Resp: 336407
Ion Ratio Lower Upper
112 100
64 65.7 53.3 79.9
63 36.2 28.0 42.0

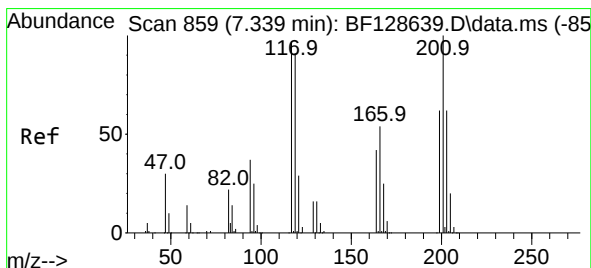
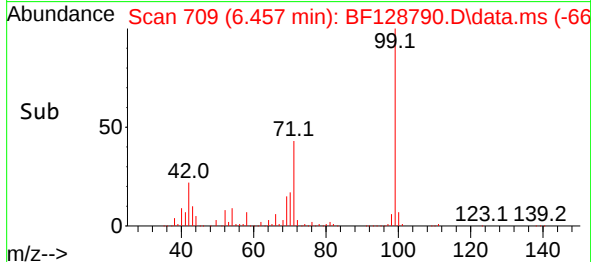
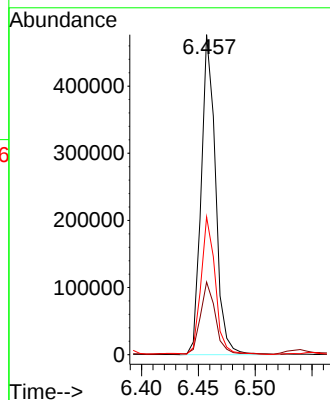
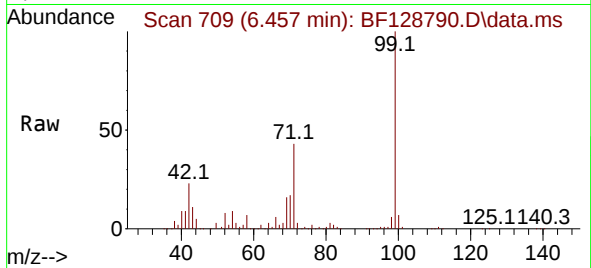




#7
Phenol-d6
Concen: 74.404 ng
RT: 6.457 min Scan# 716
Delta R.T. -0.024 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

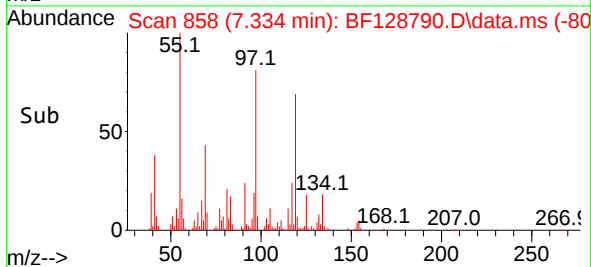
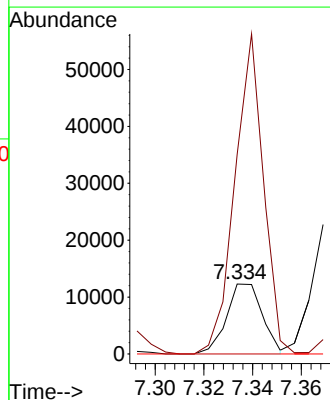
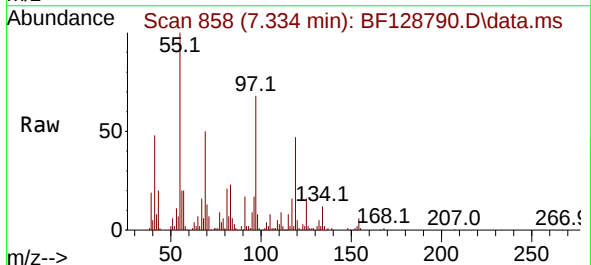
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

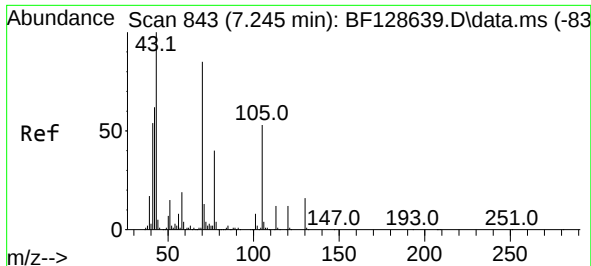
Tgt Ion: 99 Resp: 418771
Ion Ratio Lower Upper
99 100
42 22.7 17.3 25.9
71 43.1 28.9 43.3



#18
Hexachloroethane
Concen: 6.156 ng
RT: 7.334 min Scan# 858
Delta R.T. 0.012 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

Tgt Ion: 117 Resp: 12616
Ion Ratio Lower Upper
117 100
119 285.2 77.4 116.2#
201 0.0 84.6 127.0#





#19

n-Nitroso-di-n-propylamine

Concen: 2.297 ng

RT: 7.228 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF128790.D

Acq: 13 Jun 2022 18:13

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-10

Tgt Ion: 70 Resp: 8037

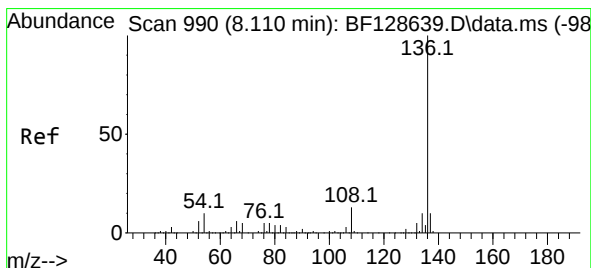
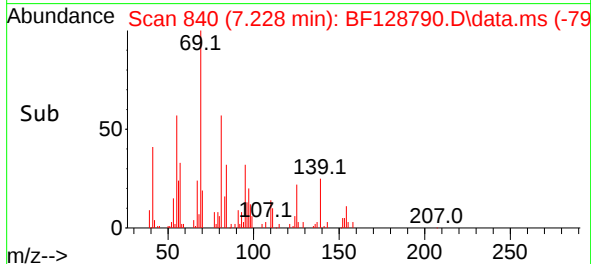
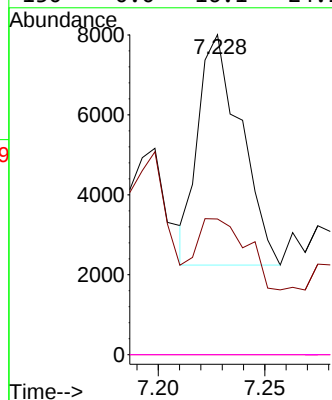
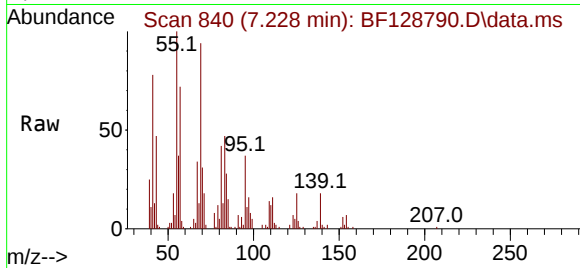
Ion Ratio Lower Upper

70 100

42 42.4 52.3 78.5#

101 0.0 7.5 11.3#

130 0.0 16.1 24.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.087 min Scan# 986

Delta R.T. -0.012 min

Lab File: BF128790.D

Acq: 13 Jun 2022 18:13

Tgt Ion:136 Resp: 252413

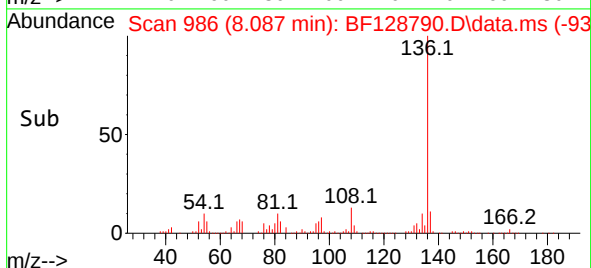
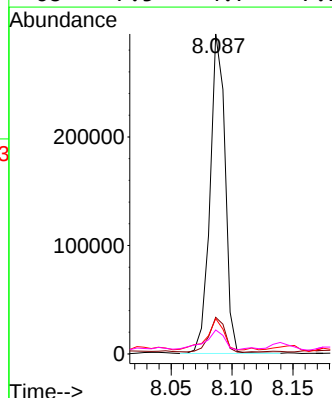
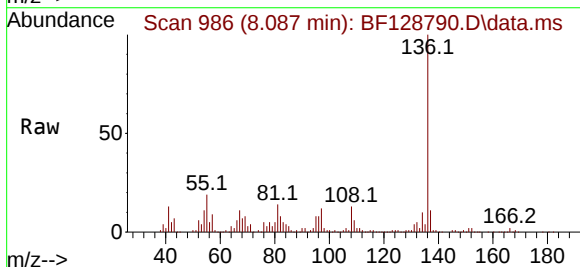
Ion Ratio Lower Upper

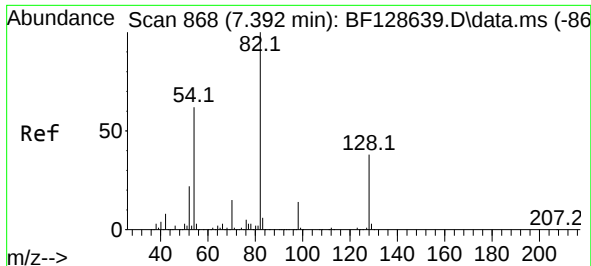
136 100

137 11.5 8.8 13.2

54 11.0 7.5 11.3

68 7.5 4.7 7.1#

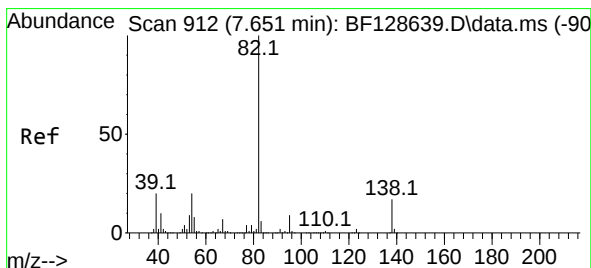
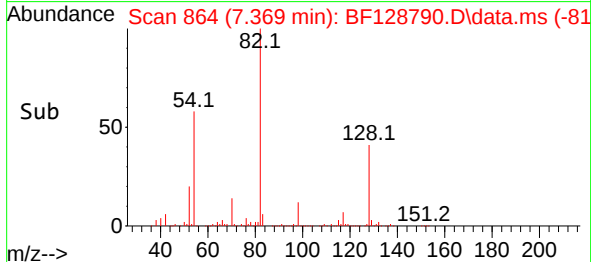
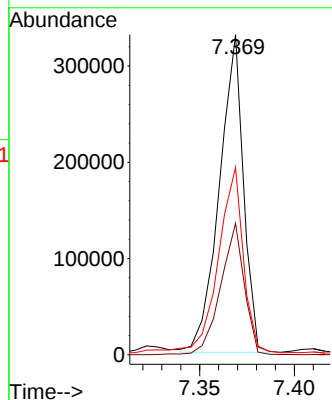
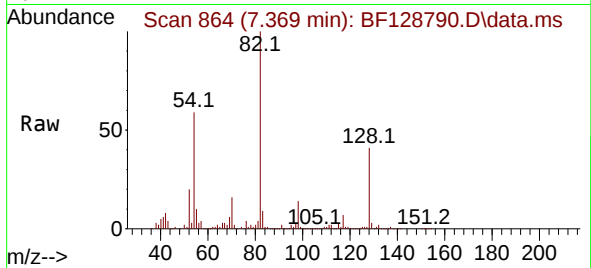




#23
Nitrobenzene-d5
Concen: 53.817 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

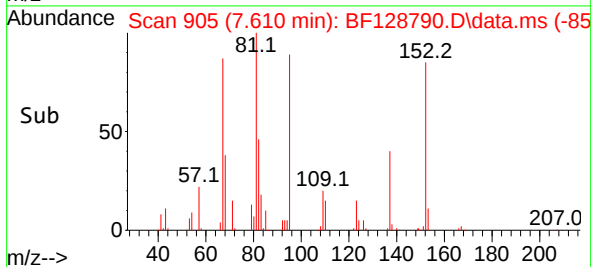
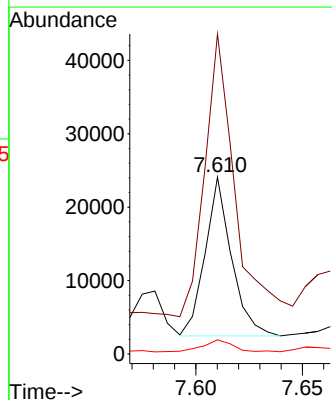
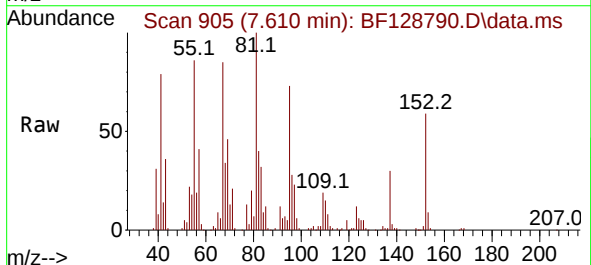
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

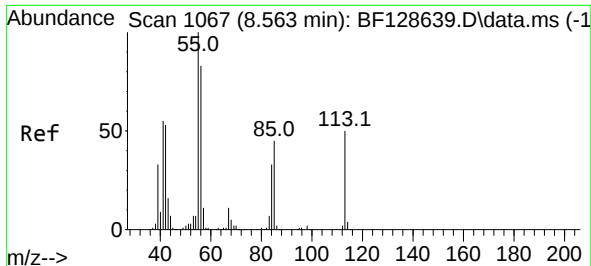
Tgt Ion: 82 Resp: 291765
Ion Ratio Lower Upper
82 100
128 41.1 34.0 51.0
54 58.5 46.9 70.3



#25
Isophorone
Concen: 2.272 ng
RT: 7.610 min Scan# 905
Delta R.T. -0.030 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

Tgt Ion: 82 Resp: 18710
Ion Ratio Lower Upper
82 100
95 180.9 5.7 8.5#
138 8.0 14.2 21.2#

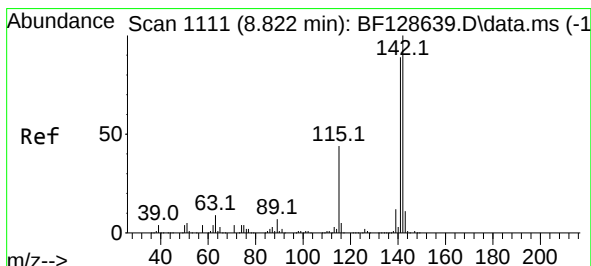
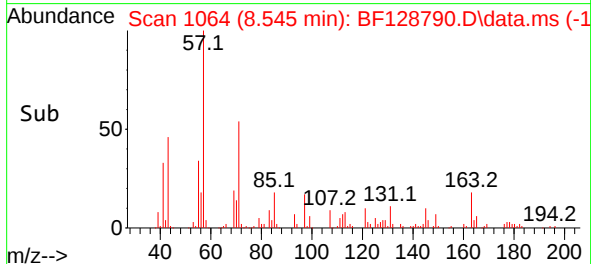
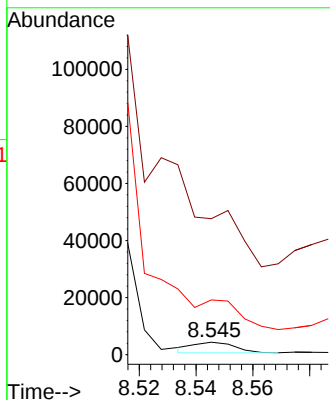
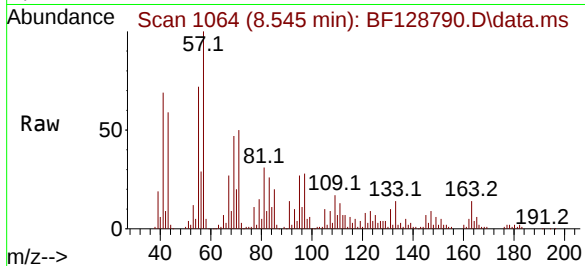




#35
Caprolactam
Concen: 3.480 ng
RT: 8.545 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

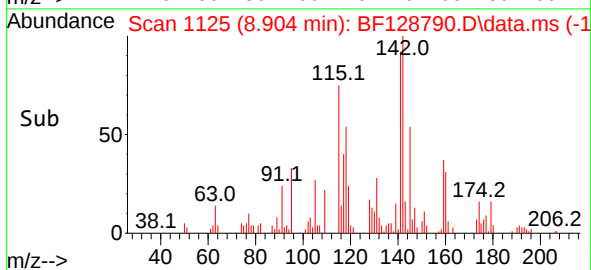
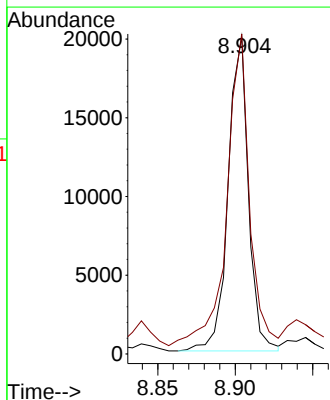
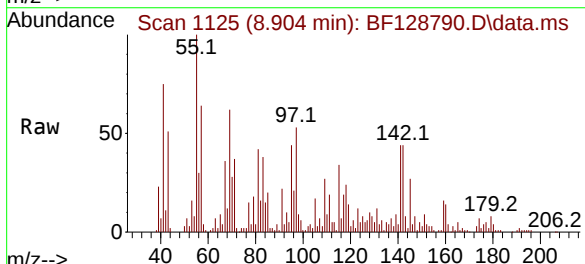
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

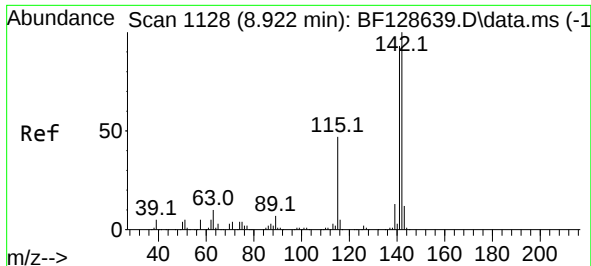
Tgt Ion:113 Resp: 3721
Ion Ratio Lower Upper
113 100
55 1090.2 188.5 228.5#
56 439.0 130.6 170.6#



#37
2-Methylnaphthalene
Concen: 2.215 ng
RT: 8.904 min Scan# 1125
Delta R.T. 0.094 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

Tgt Ion:142 Resp: 18247
Ion Ratio Lower Upper
142 100
141 100.9 71.0 106.4

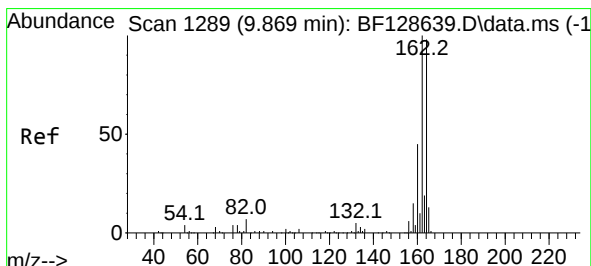
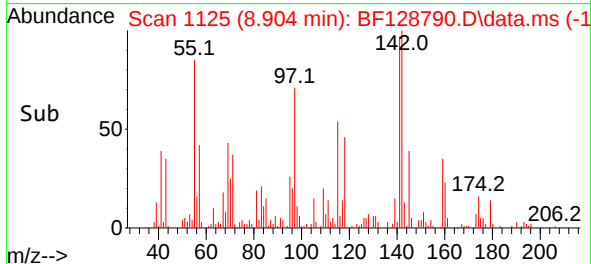
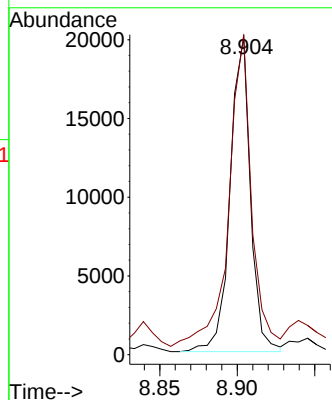
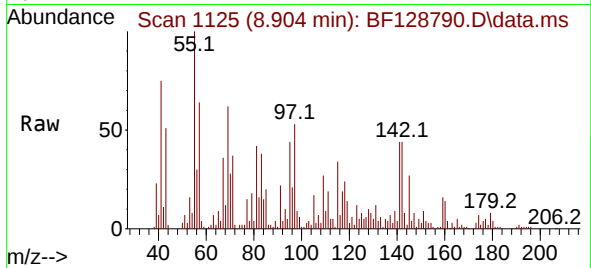




#38
1-Methylnaphthalene
Concen: 2.292 ng
RT: 8.904 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

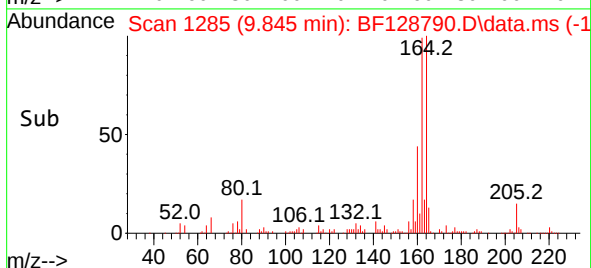
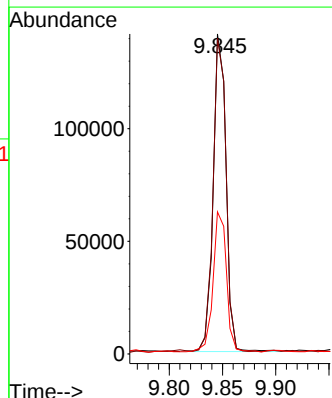
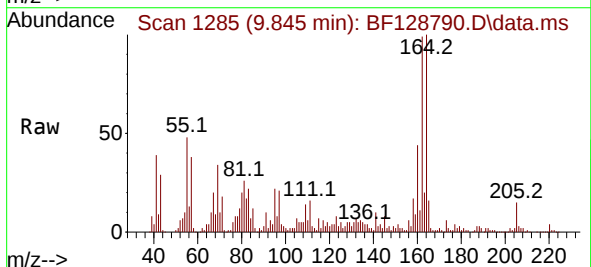
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

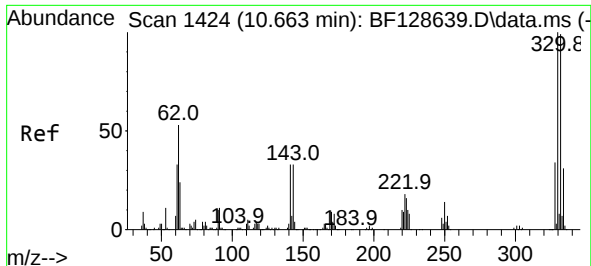
Tgt Ion:142 Resp: 18247
Ion Ratio Lower Upper
142 100
141 100.9 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

Tgt Ion:164 Resp: 118560
Ion Ratio Lower Upper
164 100
162 98.6 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 64.327 ng

RT: 10.645 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128790.D

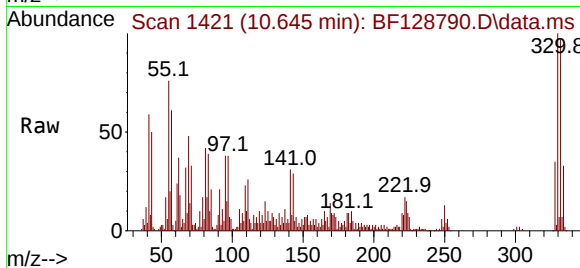
Acq: 13 Jun 2022 18:13

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-10



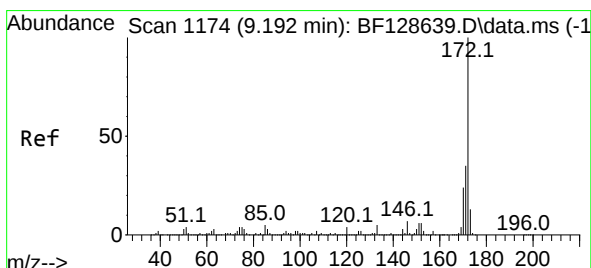
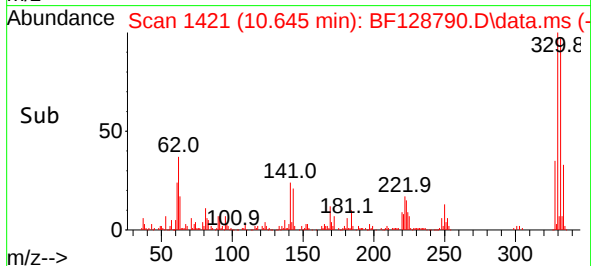
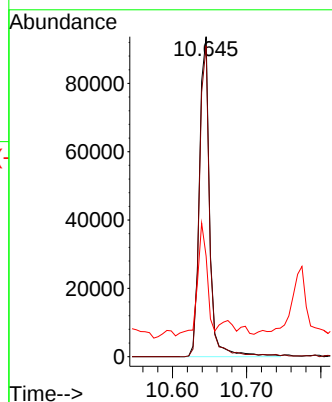
Tgt Ion:330 Resp: 90112

Ion Ratio Lower Upper

330 100

332 95.3 76.8 115.2

141 32.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 59.305 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF128790.D

Acq: 13 Jun 2022 18:13

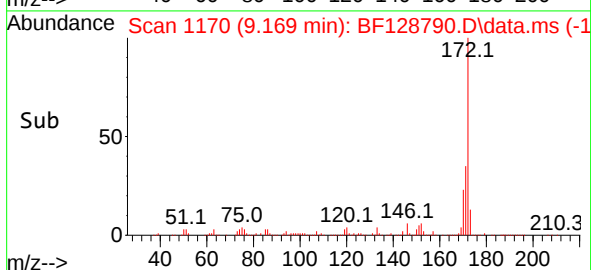
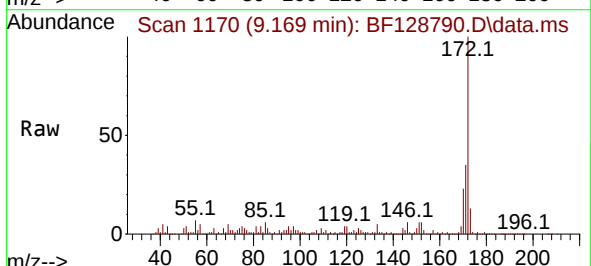
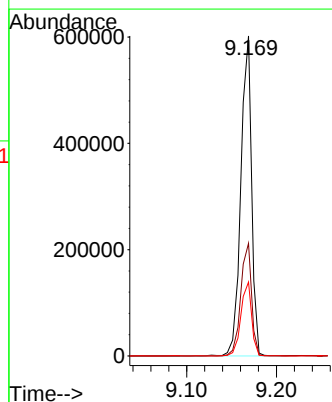
Tgt Ion:172 Resp: 501940

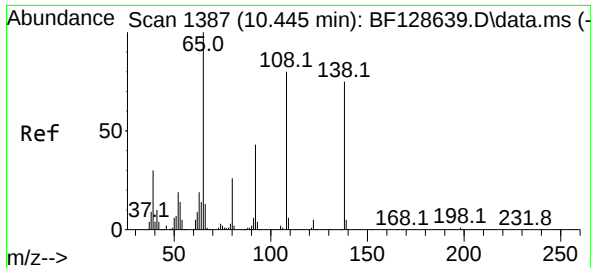
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.1 19.8 29.8

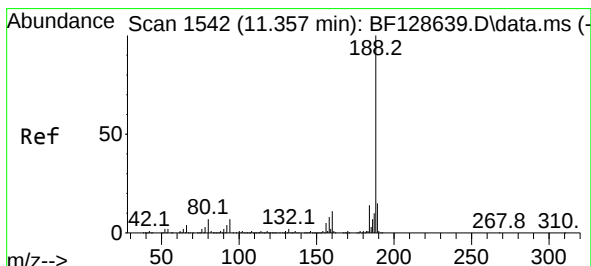
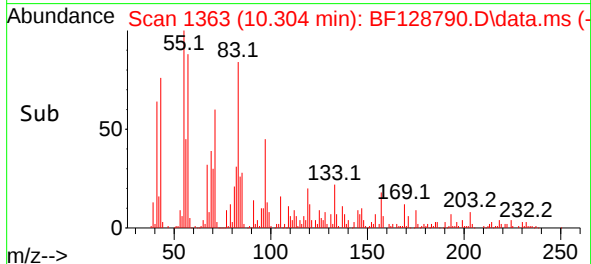
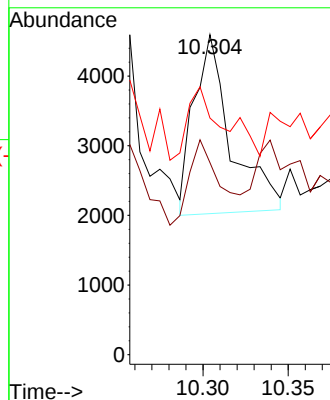
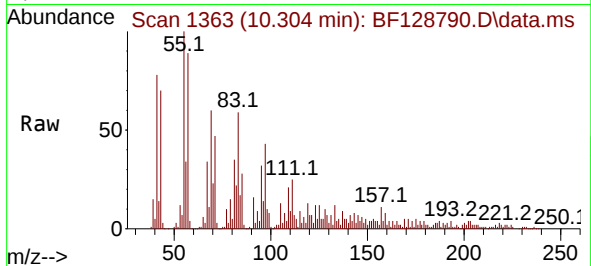




#62
4-Nitroaniline
Concen: 2.219 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.130 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

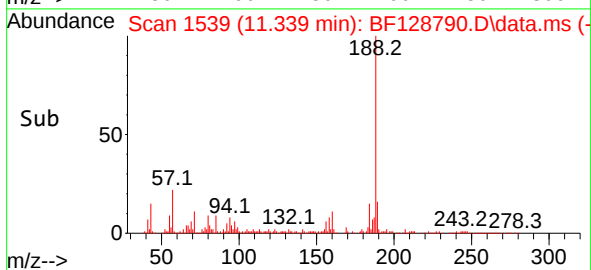
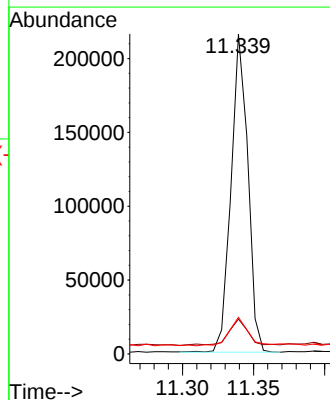
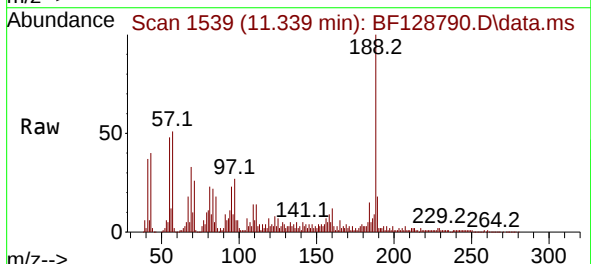
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

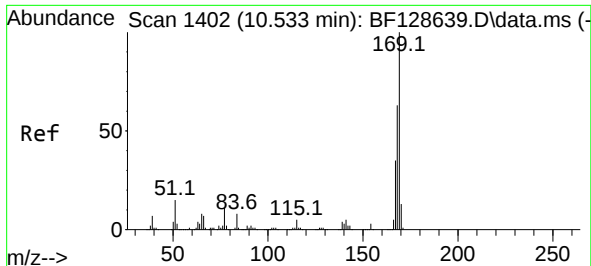
Tgt Ion:138 Resp: 3906
Ion Ratio Lower Upper
138 100
92 60.0 33.5 73.5
108 73.9 61.0 101.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

Tgt Ion:188 Resp: 177651
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6#
80 11.4 7.6 11.4#

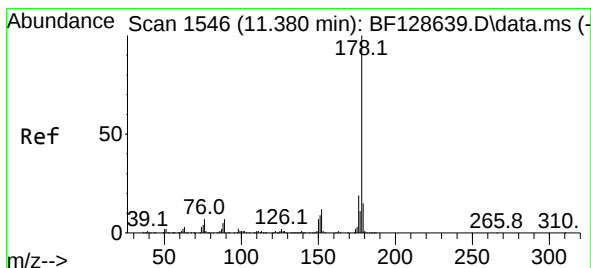
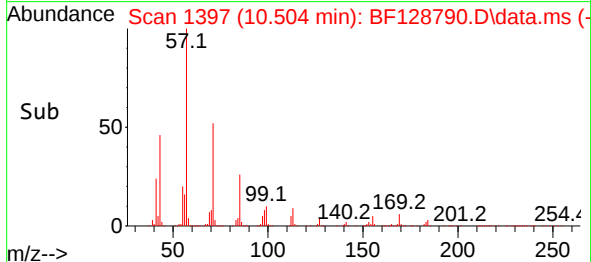
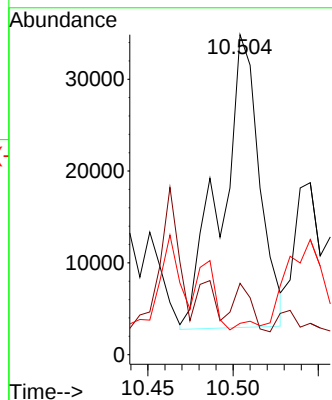
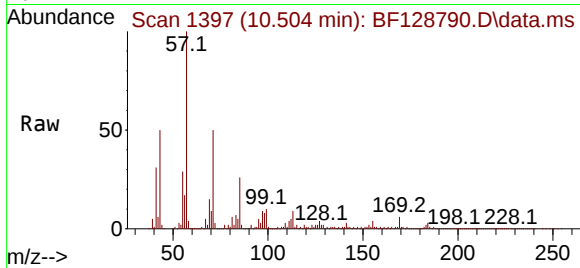




#66
n-Nitrosodiphenylamine
Concen: 9.111 ng
RT: 10.504 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

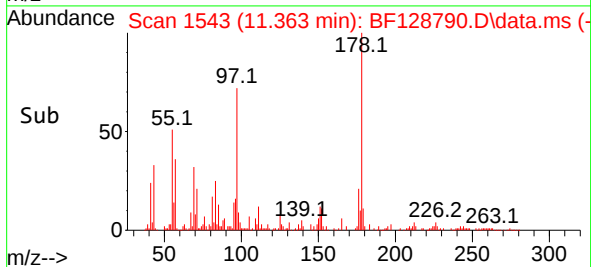
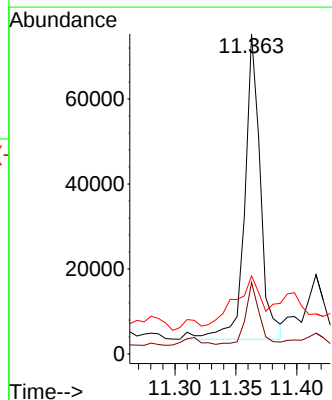
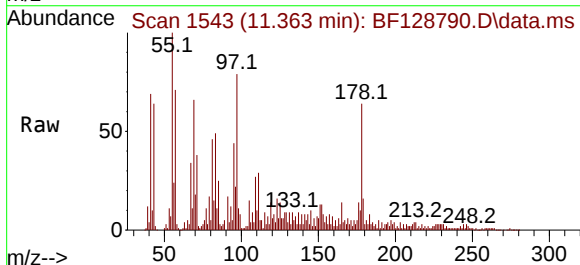
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

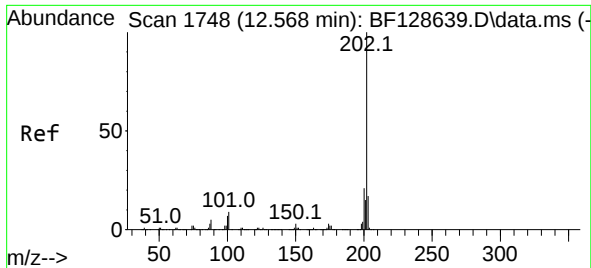
Tgt Ion:169 Resp: 49747
Ion Ratio Lower Upper
169 100
168 22.3 50.1 75.1#
167 9.8 27.9 41.9#



#71
Phenanthrene
Concen: 7.277 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

Tgt Ion:178 Resp: 64844
Ion Ratio Lower Upper
178 100
176 22.3 16.0 24.0
179 24.4 12.6 19.0#

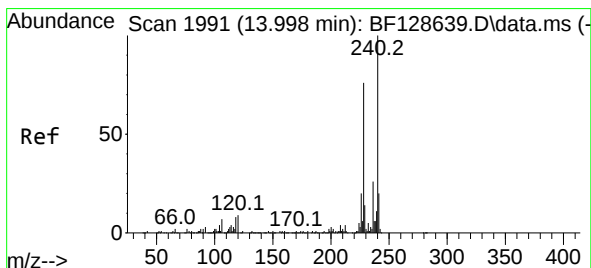
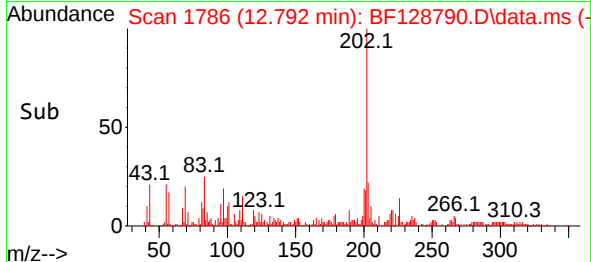
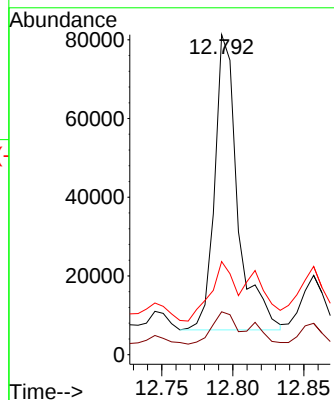
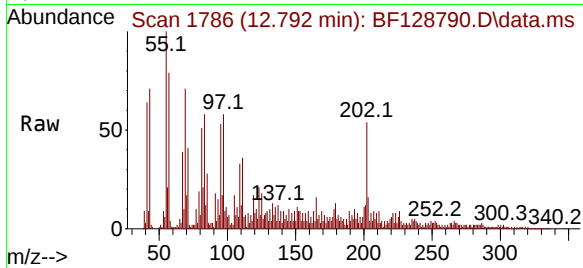




#75
Fluoranthene
Concen: 9.098 ng
RT: 12.792 min Scan# 1786
Delta R.T. 0.235 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

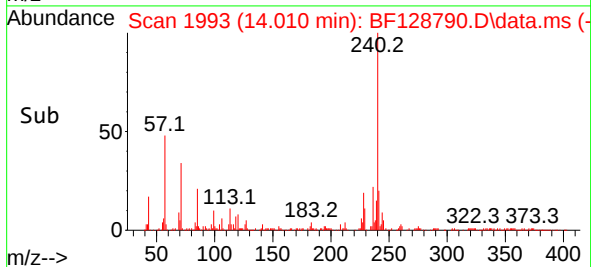
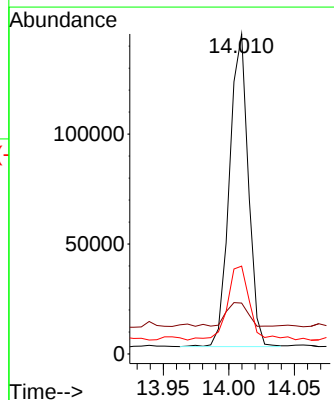
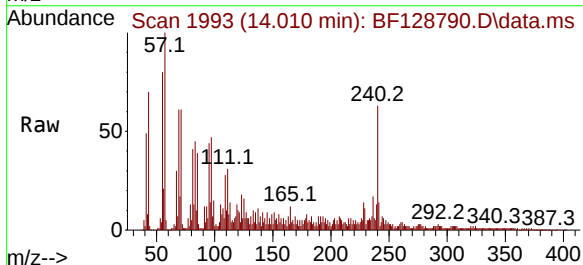
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

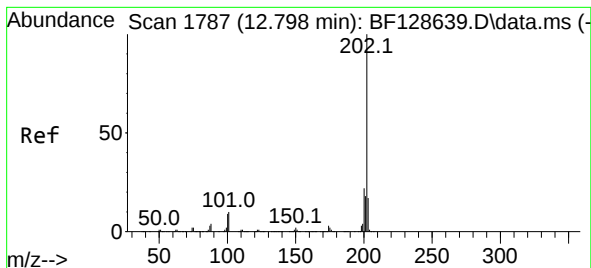
Tgt Ion:202 Resp: 84738
Ion Ratio Lower Upper
202 100
101 13.4 0.0 31.4
203 29.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. 0.023 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

Tgt Ion:240 Resp: 141710
Ion Ratio Lower Upper
240 100
120 15.9 8.9 13.3#
236 27.5 20.8 31.2





#78

Pyrene

Concen: 8.037 ng

RT: 12.792 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF128790.D

Acq: 13 Jun 2022 18:13

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-10

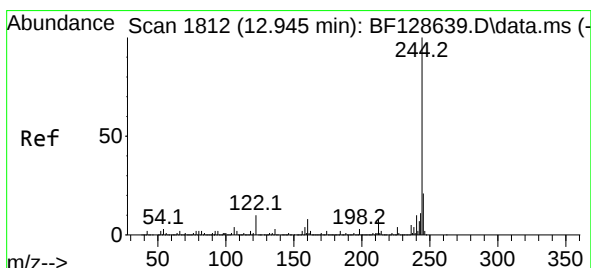
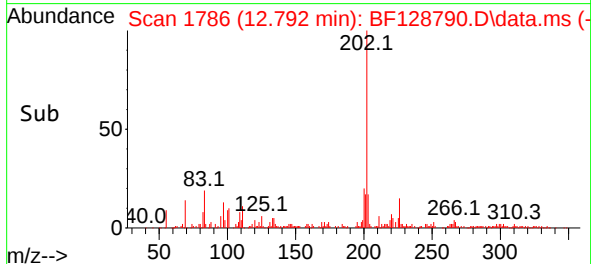
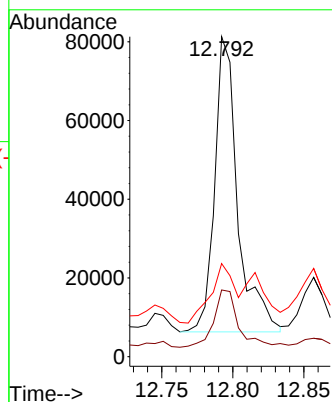
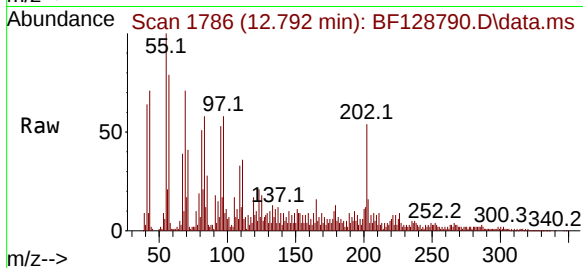
Tgt Ion:202 Resp: 84738

Ion Ratio Lower Upper

202 100

200 20.8 17.7 26.5

203 29.1 14.6 21.8#



#79

Terphenyl-d14

Concen: 49.121 ng

RT: 12.939 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BF128790.D

Acq: 13 Jun 2022 18:13

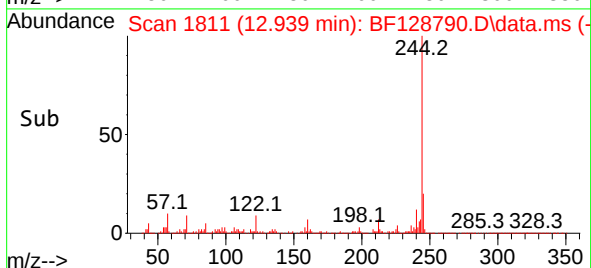
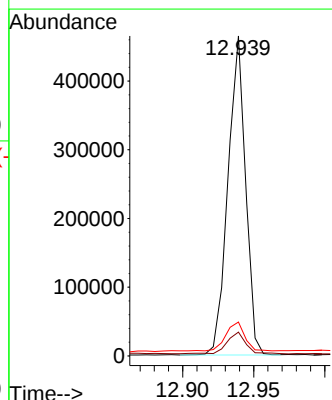
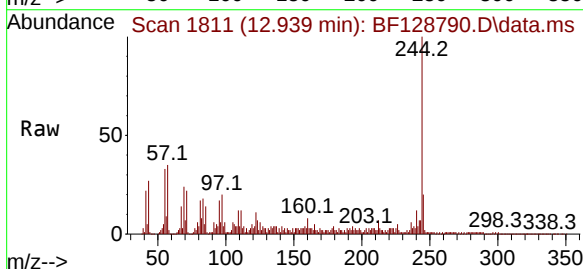
Tgt Ion:244 Resp: 400600

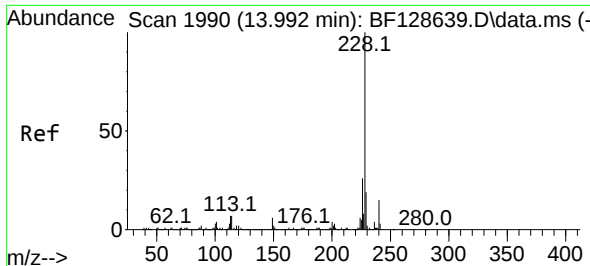
Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 10.6 8.8 13.2

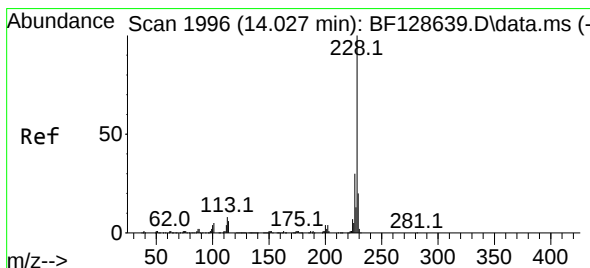
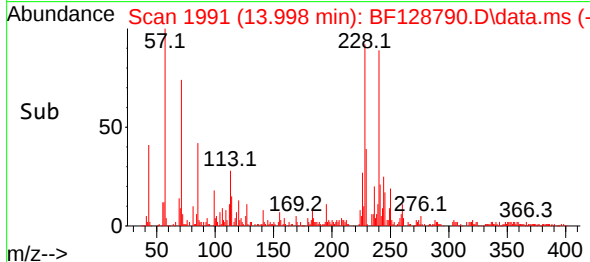
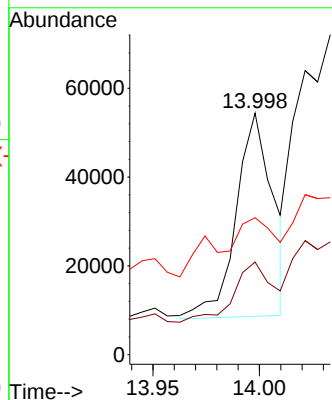
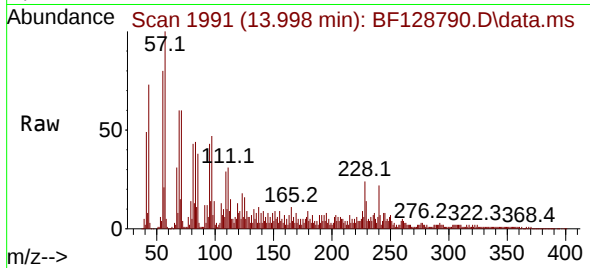




#81
Benzo(a)anthracene
Concen: 6.268 ng
RT: 13.998 min Scan# 1991
Delta R.T. 0.023 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

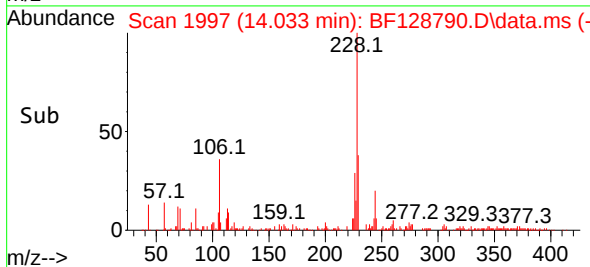
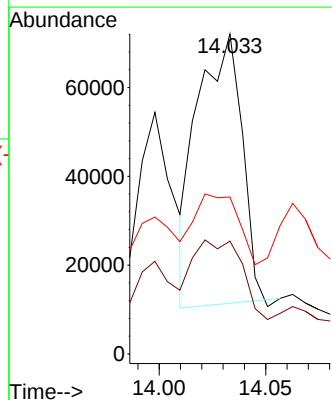
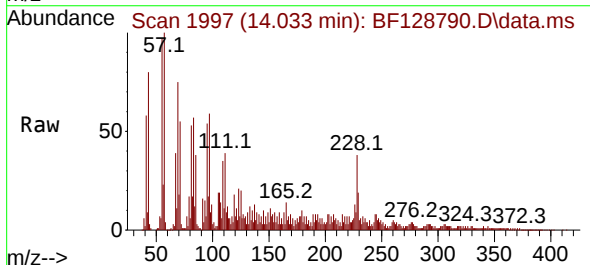
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

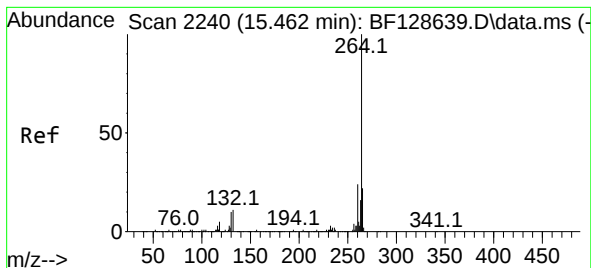
Tgt Ion:228 Resp: 55369
Ion Ratio Lower Upper
228 100
226 38.4 22.1 33.1#
229 56.7 15.8 23.8#



#83
Chrysene
Concen: 10.426 ng
RT: 14.033 min Scan# 1997
Delta R.T. 0.017 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

Tgt Ion:228 Resp: 87802
Ion Ratio Lower Upper
228 100
226 35.3 24.3 36.5
229 49.1 15.9 23.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2172

Delta R.T. 0.053 min

Lab File: BF128790.D

Acq: 13 Jun 2022 18:13

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-10

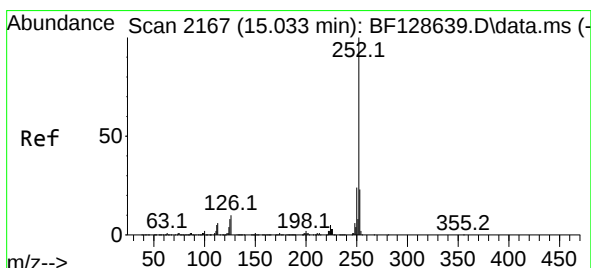
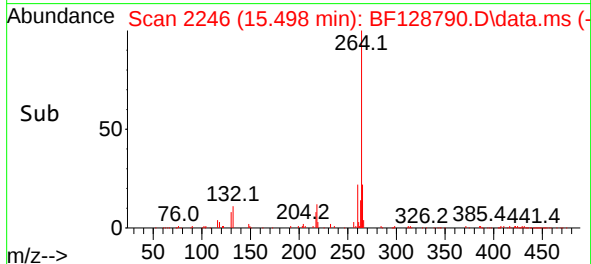
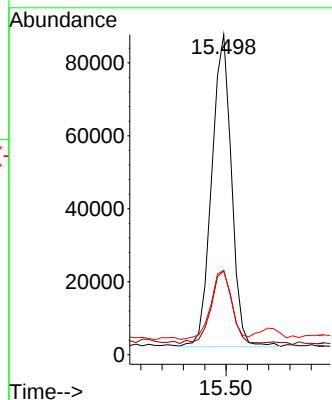
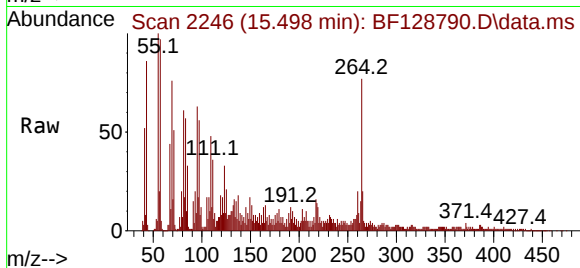
Tgt Ion:264 Resp: 109892

Ion Ratio Lower Upper

264 100

260 26.1 18.4 27.6

265 26.4 17.2 25.8#



#88

Benzo(b)fluoranthene

Concen: 5.005 ng

RT: 15.063 min Scan# 2172

Delta R.T. 0.041 min

Lab File: BF128790.D

Acq: 13 Jun 2022 18:13

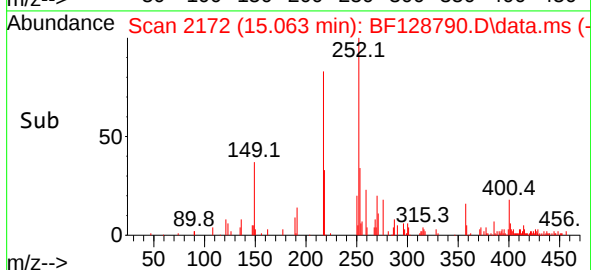
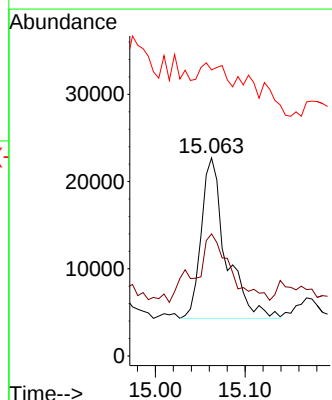
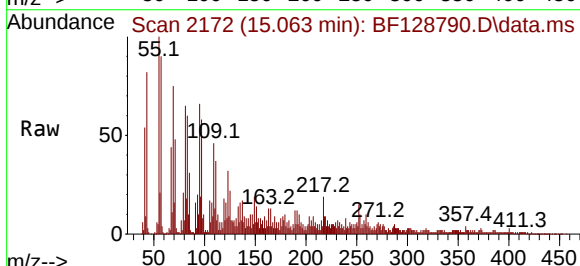
Tgt Ion:252 Resp: 35147

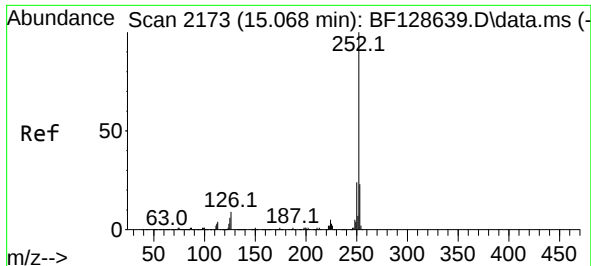
Ion Ratio Lower Upper

252 100

253 61.7 17.7 26.5#

125 144.5 8.0 12.0#

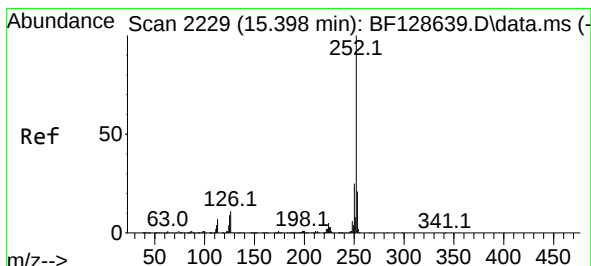
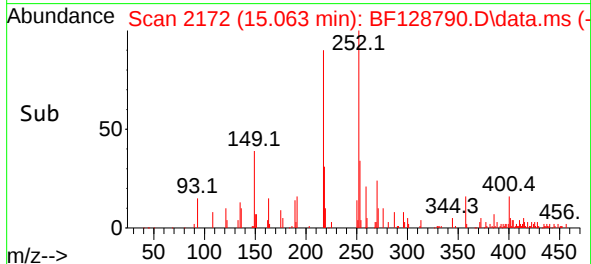
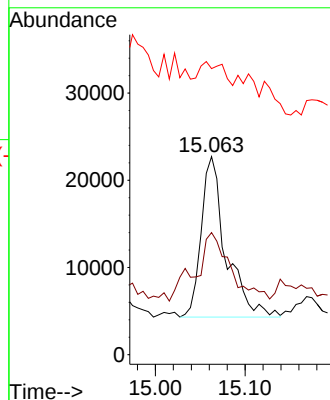
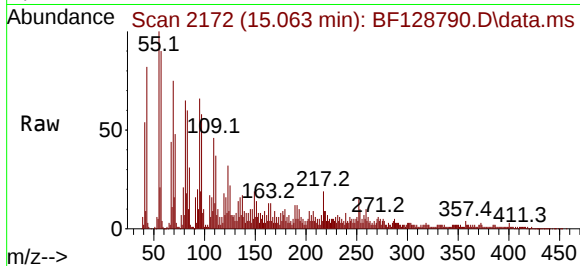




#89
Benzo(k)fluoranthene
Concen: 5.321 ng
RT: 15.063 min Scan# 2173
Delta R.T. 0.012 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

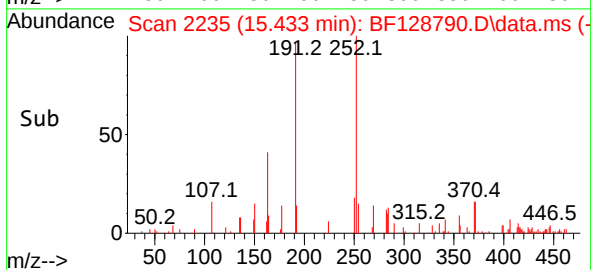
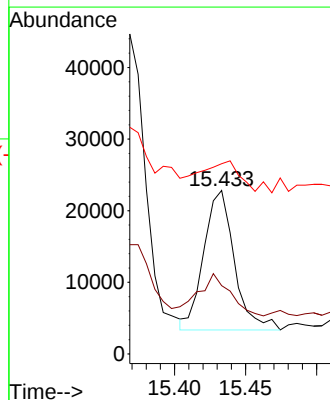
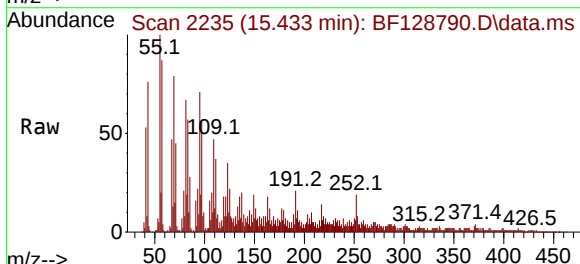
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

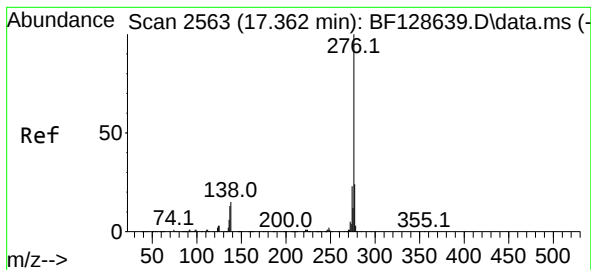
Tgt Ion:252 Resp: 35147
Ion Ratio Lower Upper
252 100
253 61.7 17.8 26.6#
125 144.5 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 5.281 ng
RT: 15.433 min Scan# 2235
Delta R.T. 0.047 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

Tgt Ion:252 Resp: 29145
Ion Ratio Lower Upper
252 100
253 41.8 17.0 25.6#
125 116.3 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 2.928 ng

RT: 17.409 min Scan# 21

Delta R.T. 0.070 min

Lab File: BF128790.D

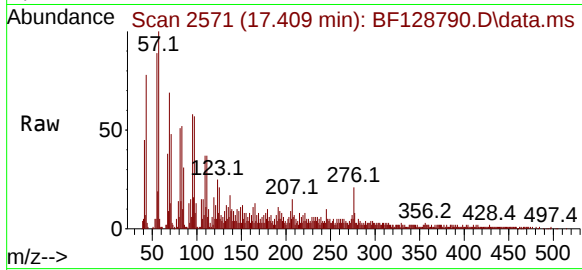
Acq: 13 Jun 2022 18:13

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-10



Tgt Ion:276 Resp: 15943

Ion Ratio Lower Upper

276 100

277 40.7 19.1 28.7#

138 41.5 18.0 27.0#

