

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128868.D
 Acq On : 17 Jun 2022 22:12
 Operator : CG\JU
 Sample : N3213-08 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-W-F1

Quant Time: Jun 18 05:08:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

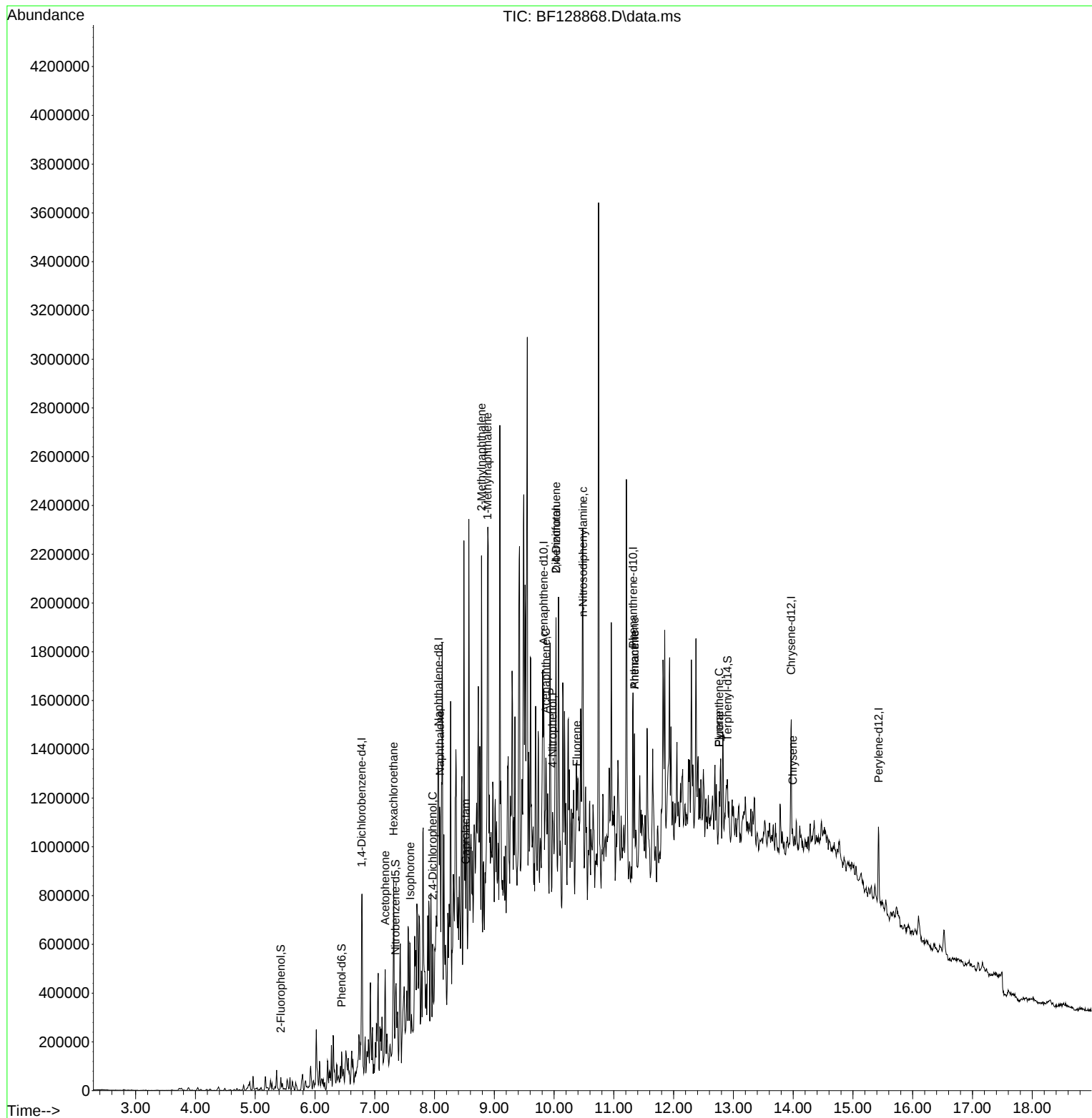
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	77741	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	251900	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	120630	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	218849	20.000	ng	0.00
76) Chrysene-d12	13.968	240	168977	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	128268	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	12916	2.646	ng	0.01
7) Phenol-d6	6.445	99	13101	2.199	ng	0.00
23) Nitrobenzene-d5	7.345	82	14072	2.601	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	2314	1.624	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	15887	1.845	ng	0.00
79) Terphenyl-d14	12.904	244	19830	2.039	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.316	117	29248	13.482	ng	# 1
22) Acetophenone	7.175	105	13956	2.118	ng	# 57
25) Isophorone	7.592	82	19320	2.351	ng	# 1
29) 2,4-Dichlorophenol	7.969	162	9836	2.549	ng	# 44
31) Naphthalene	8.092	128	116561	9.016	ng	# 91
35) Caprolactam	8.522	113	4165	3.904	ng	# 1
37) 2-Methylnaphthalene	8.786	142	354253	43.082	ng	99
38) 1-Methylnaphthalene	8.886	142	263803	33.206	ng	99
52) Acenaphthene	9.863	154	22463	3.262	ng	# 64
55) Dibenzofuran	10.033	168	21383	2.161	ng	# 1
56) 4-Nitrophenol	9.974	139	3963	3.091	ng	# 24
57) 2,4-Dinitrotoluene	10.033	165	10652	4.898	ng	# 54
58) Fluorene	10.380	166	56803	7.402	ng	# 91
66) n-Nitrosodiphenylamine	10.486	169	85001	12.636	ng	# 51
71) Phenanthrene	11.345	178	184348	16.794	ng	97
72) Anthracene	11.345	178	184348	16.967	ng	97
75) Fluoranthene	12.763	202	74845	6.523	ng	89
78) Pyrene	12.763	202	75045	5.969	ng	# 92
83) Chrysene	13.992	228	26166	2.606	ng	# 45

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128868.D
Acq On : 17 Jun 2022 22:12
Operator : CG\JU
Sample : N3213-08 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-W-F1

Quant Time: Jun 18 05:08:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 14:53:53 2022
Response via : Initial Calibration

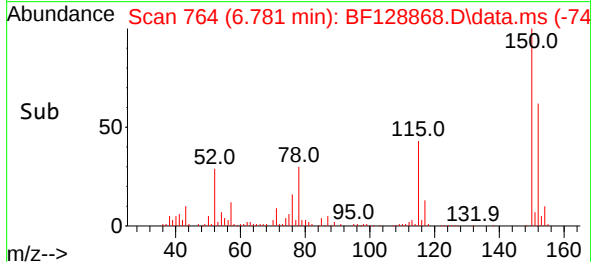
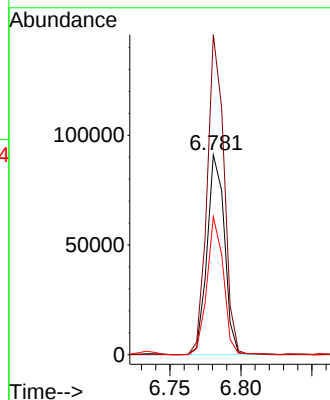
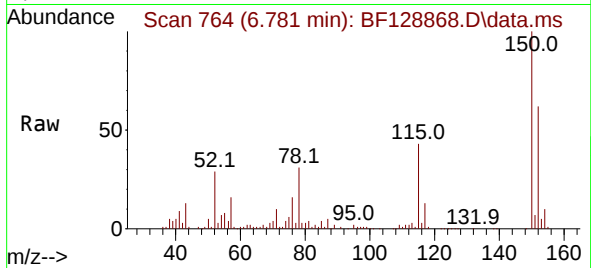




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

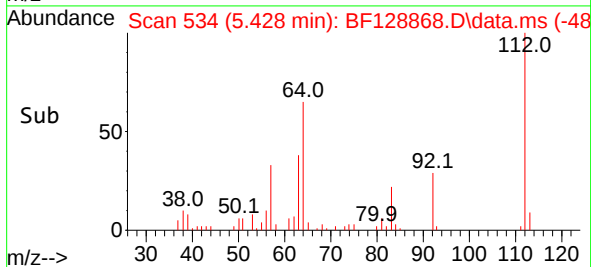
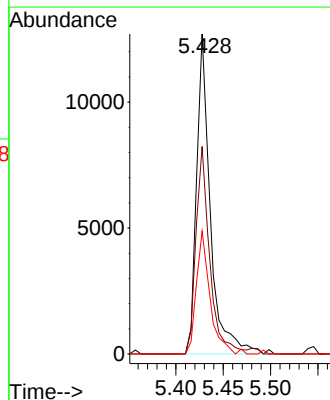
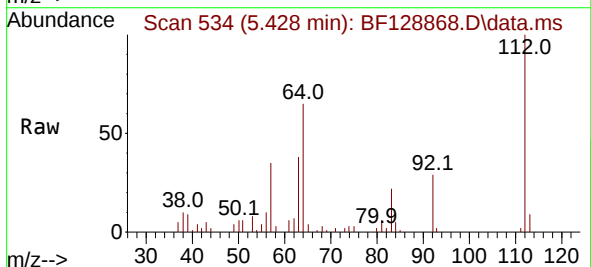
Instrument :
BNA_F
ClientSampleId :
SW-W-F1

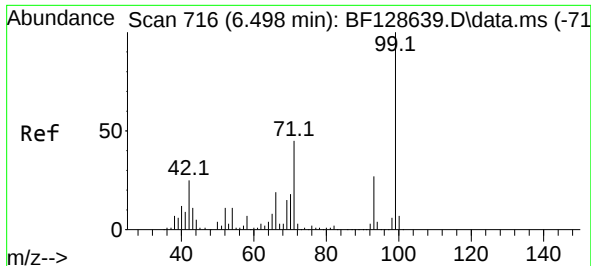
Tgt Ion:152 Resp: 77741
Ion Ratio Lower Upper
152 100
150 160.1 123.7 185.5
115 69.0 49.9 74.9



#5
2-Fluorophenol
Concen: 2.646 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.012 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

Tgt Ion:112 Resp: 12916
Ion Ratio Lower Upper
112 100
64 64.8 53.3 79.9
63 38.4 28.0 42.0





#7

Phenol-d6

Concen: 2.199 ng

RT: 6.445 min Scan# 707

Delta R.T. 0.006 min

Lab File: BF128868.D

Acq: 17 Jun 2022 22:12

Instrument :

BNA_F

ClientSampleId :

SW-W-F1

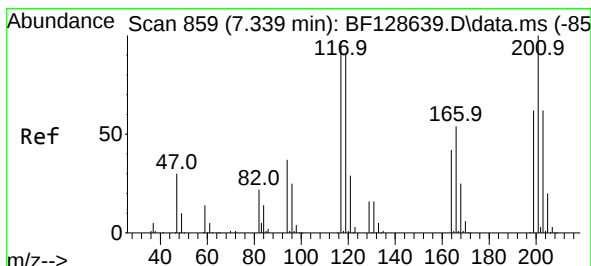
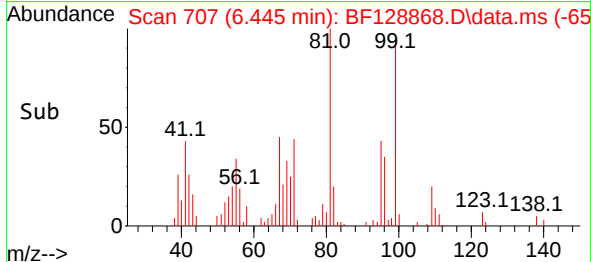
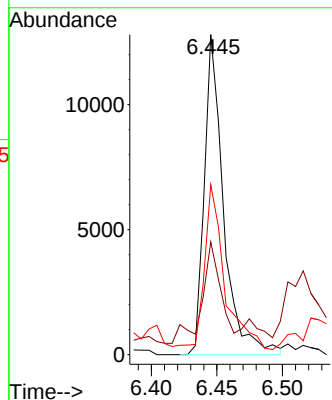
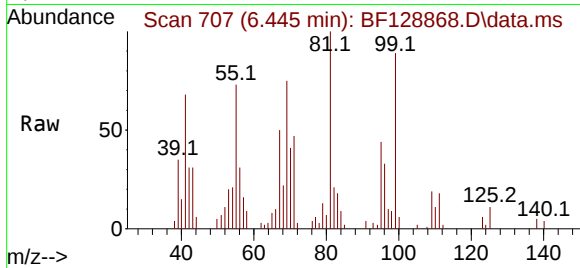
Tgt Ion: 99 Resp: 13101

Ion Ratio Lower Upper

99 100

42 35.3 17.3 25.9#

71 53.1 28.9 43.3#



#18

Hexachloroethane

Concen: 13.482 ng

RT: 7.316 min Scan# 855

Delta R.T. 0.023 min

Lab File: BF128868.D

Acq: 17 Jun 2022 22:12

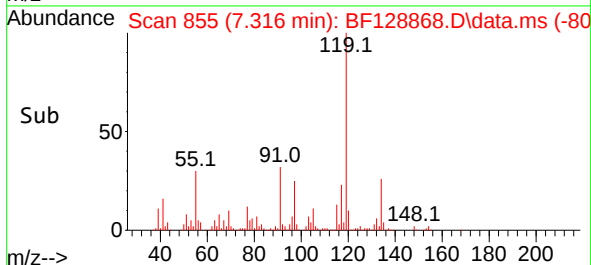
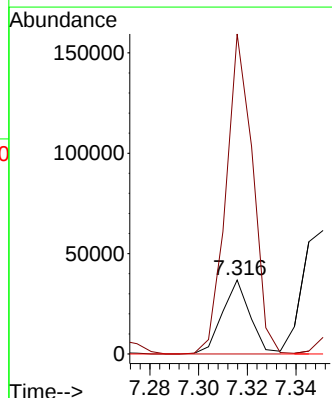
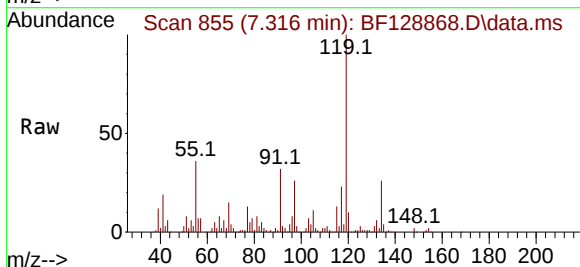
Tgt Ion: 117 Resp: 29248

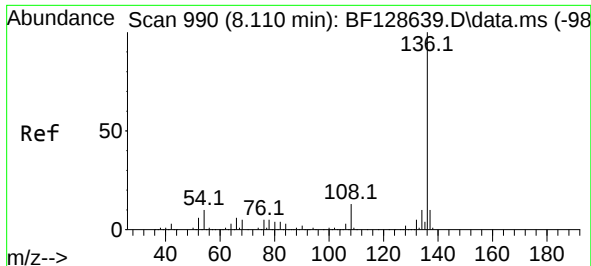
Ion Ratio Lower Upper

117 100

119 432.9 77.4 116.2#

201 0.0 84.6 127.0#

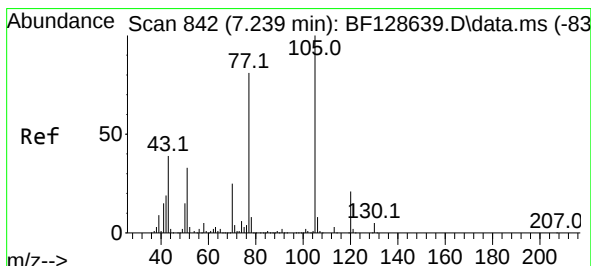
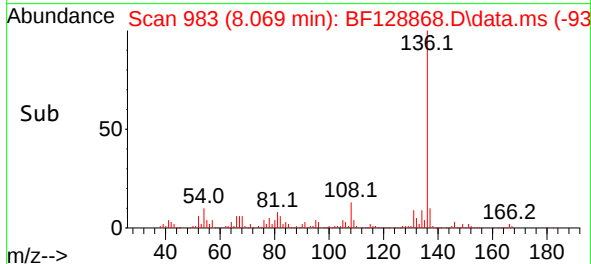
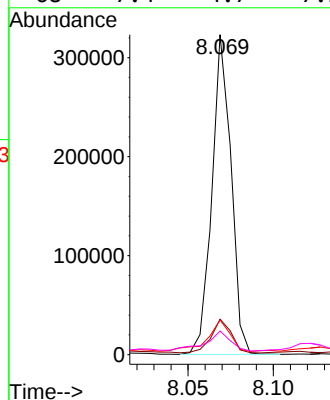
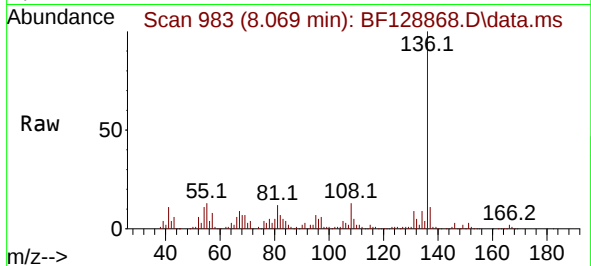




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

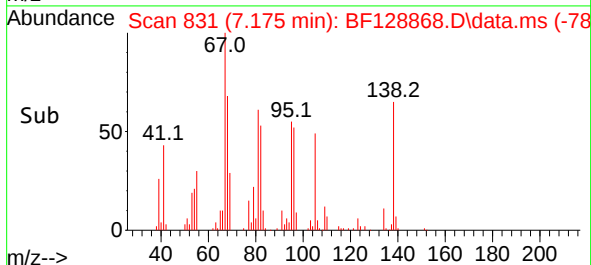
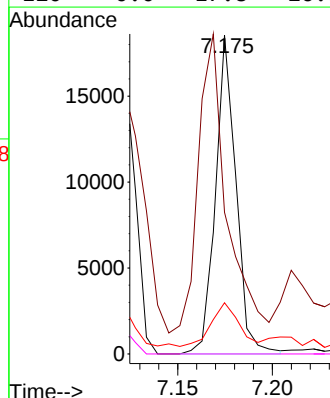
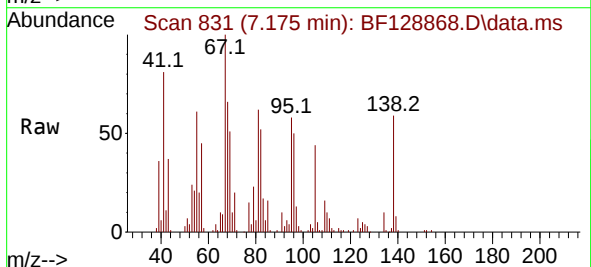
Instrument :
BNA_F
ClientSampleId :
SW-W-F1

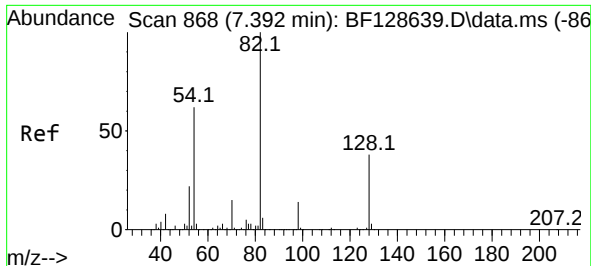
Tgt Ion:136 Resp: 251900
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.9 7.5 11.3
68 7.4 4.7 7.1#



#22
Acetophenone
Concen: 2.118 ng
RT: 7.175 min Scan# 831
Delta R.T. -0.024 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

Tgt Ion:105 Resp: 13956
Ion Ratio Lower Upper
105 100
71 44.4 5.0 7.4#
51 16.1 25.0 37.4#
120 0.0 17.8 26.8#

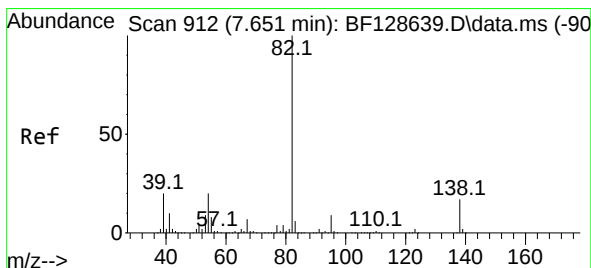
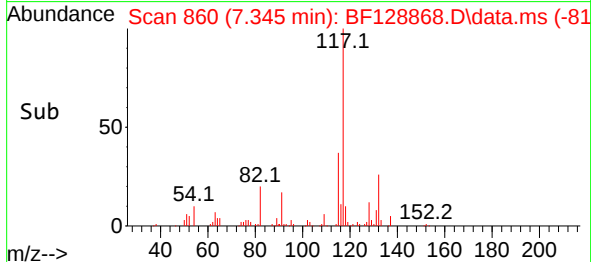
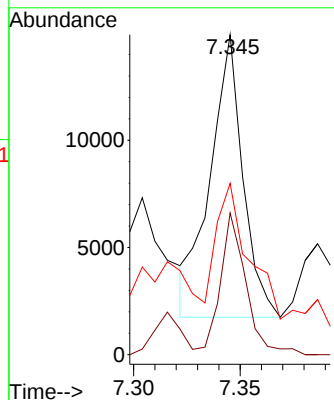
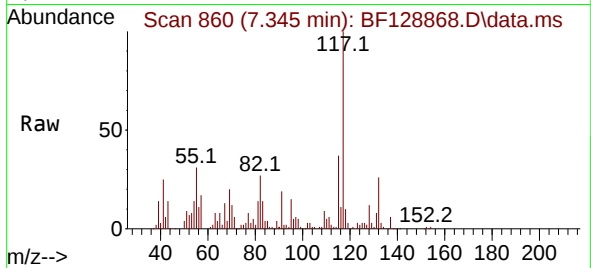




#23
Nitrobenzene-d5
Concen: 2.601 ng
RT: 7.345 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

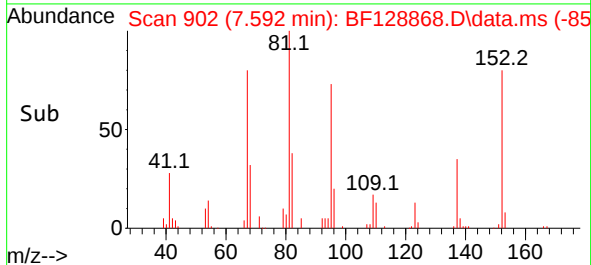
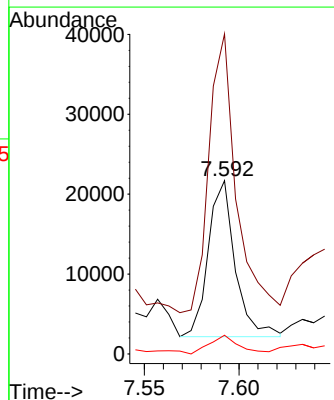
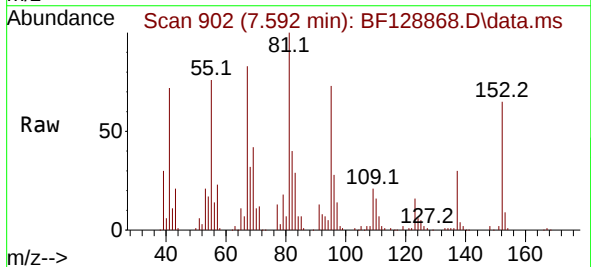
Instrument :
BNA_F
ClientSampleId :
SW-W-F1

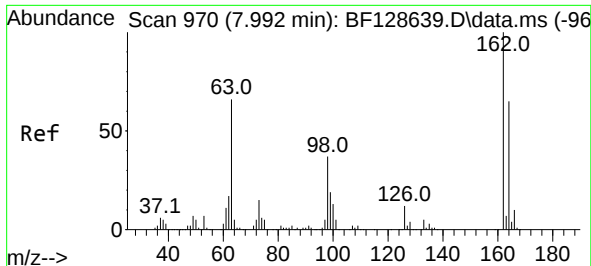
Tgt Ion: 82 Resp: 14072
Ion Ratio Lower Upper
82 100
128 44.3 34.0 51.0
54 53.6 46.9 70.3



#25
Isophorone
Concen: 2.351 ng
RT: 7.592 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

Tgt Ion: 82 Resp: 19320
Ion Ratio Lower Upper
82 100
95 184.6 5.7 8.5#
138 10.8 14.2 21.2#





#29

2,4-Dichlorophenol

Concen: 2.549 ng

RT: 7.969 min Scan# 90

Delta R.T. 0.029 min

Lab File: BF128868.D

Acq: 17 Jun 2022 22:12

Instrument :

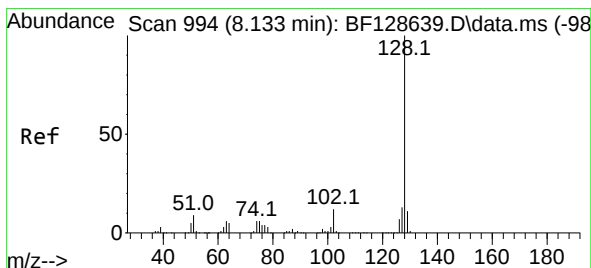
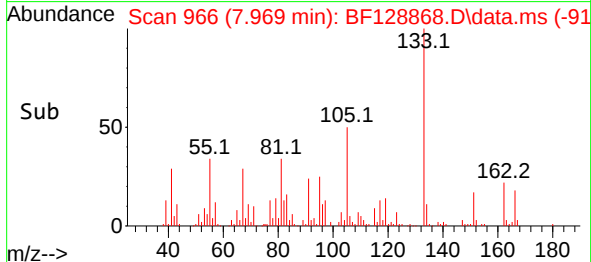
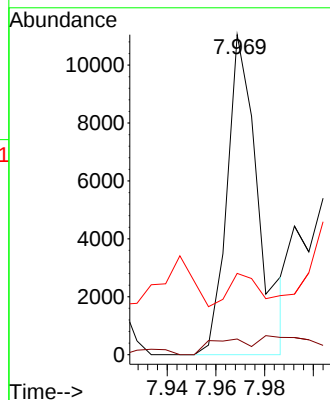
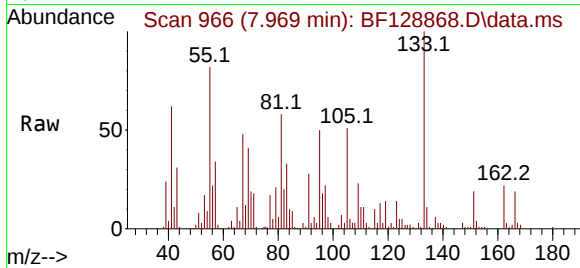
BNA_F

ClientSampleId :

SW-W-F1

Tgt Ion:162 Resp: 9836

Ion	Ratio	Lower	Upper
162	100		
164	4.9	44.2	84.2#
98	25.4	19.6	59.6



#31

Naphthalene

Concen: 9.016 ng

RT: 8.092 min Scan# 987

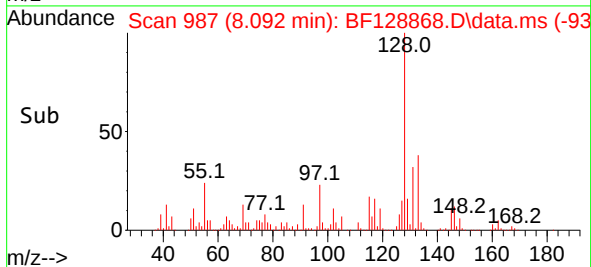
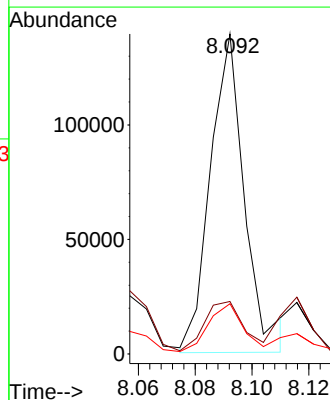
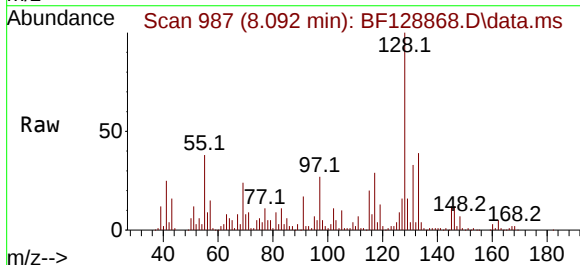
Delta R.T. -0.000 min

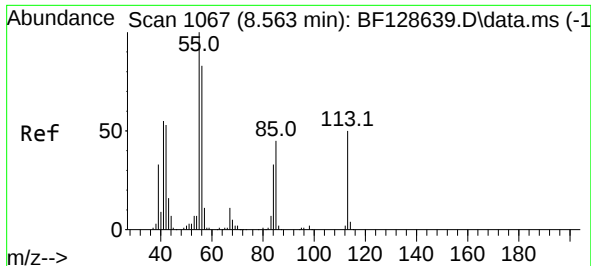
Lab File: BF128868.D

Acq: 17 Jun 2022 22:12

Tgt Ion:128 Resp: 116561

Ion	Ratio	Lower	Upper
128	100		
129	16.4	9.2	13.8#
127	15.7	10.5	15.7

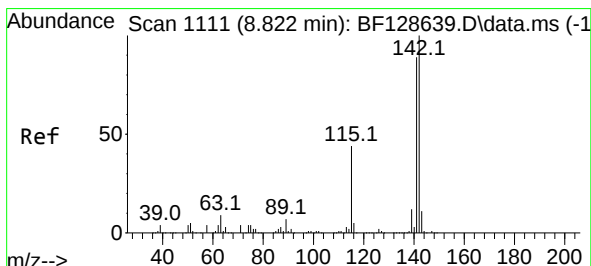
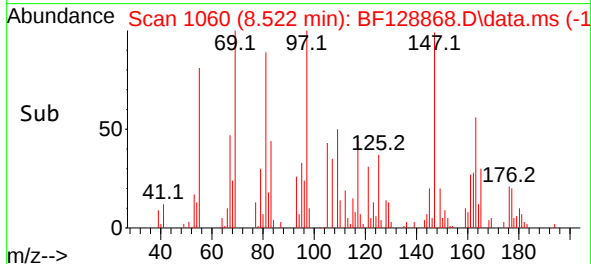
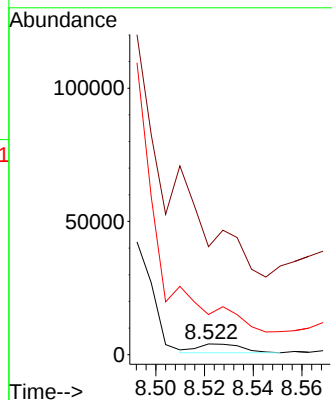
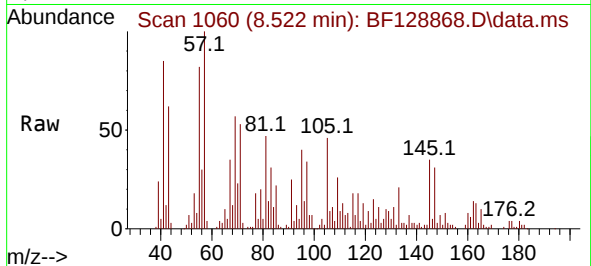




#35
 Caprolactam
 Concen: 3.904 ng
 RT: 8.522 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF128868.D
 Acq: 17 Jun 2022 22:12

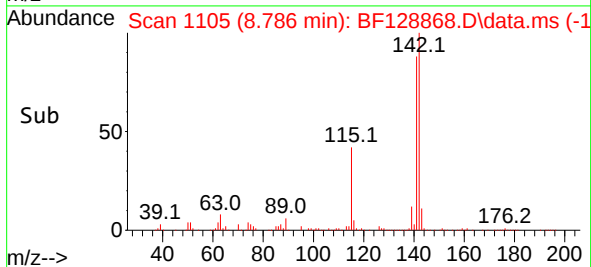
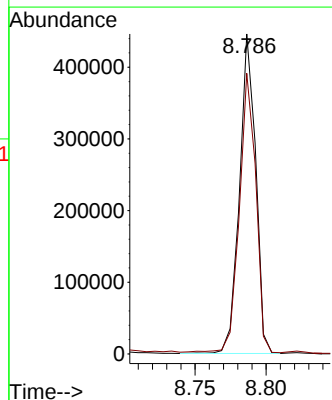
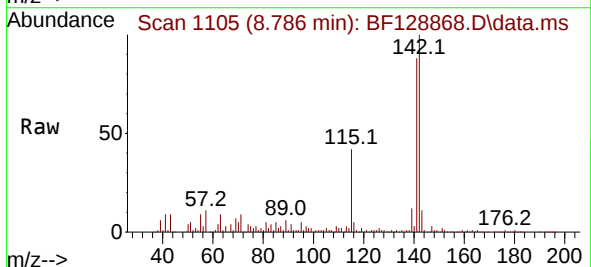
Instrument :
 BNA_F
 ClientSampleId :
 SW-W-F1

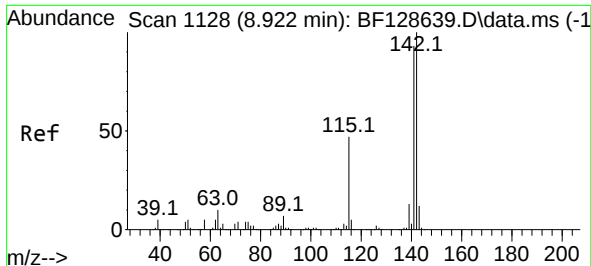
Tgt Ion:113 Resp: 4165
 Ion Ratio Lower Upper
 113 100
 55 1006.3 188.5 228.5#
 56 374.8 130.6 170.6#



#37
 2-Methylnaphthalene
 Concen: 43.082 ng
 RT: 8.786 min Scan# 1105
 Delta R.T. 0.006 min
 Lab File: BF128868.D
 Acq: 17 Jun 2022 22:12

Tgt Ion:142 Resp: 354253
 Ion Ratio Lower Upper
 142 100
 141 87.7 71.0 106.4

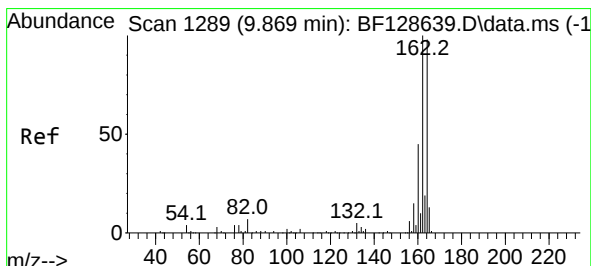
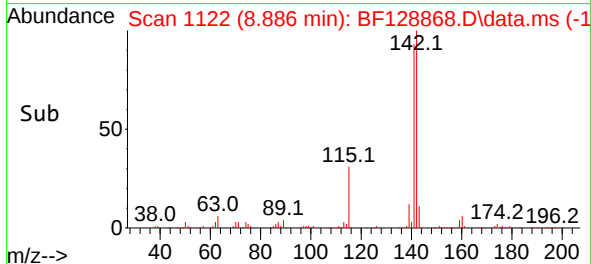
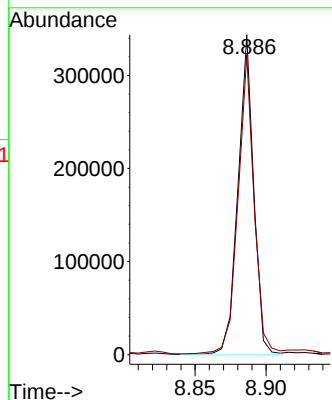
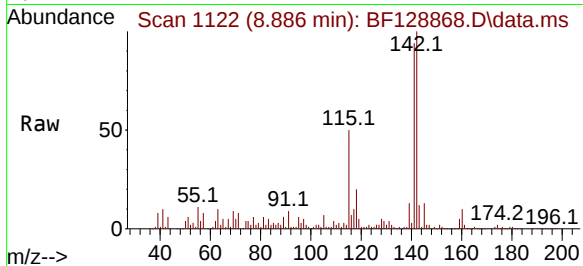




#38
1-Methylnaphthalene
Concen: 33.206 ng
RT: 8.886 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

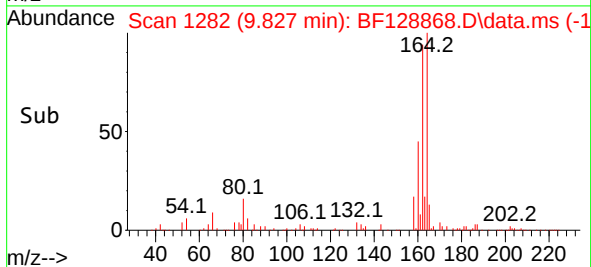
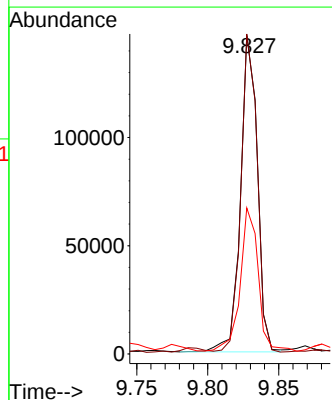
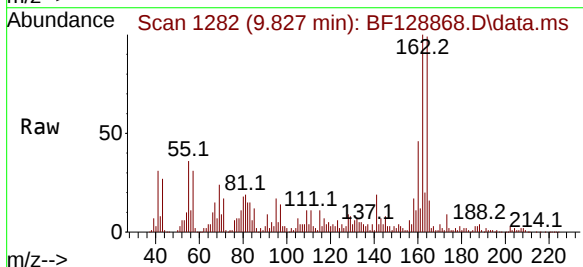
Instrument :
BNA_F
ClientSampleId :
SW-W-F1

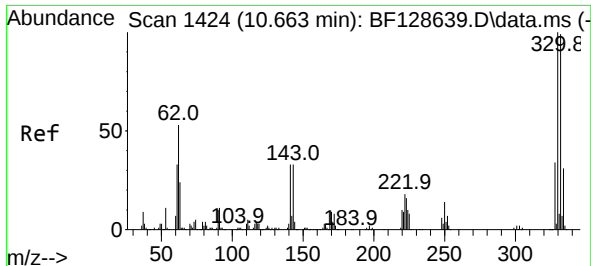
Tgt Ion:142 Resp: 263803
Ion Ratio Lower Upper
142 100
141 93.7 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

Tgt Ion:164 Resp: 120630
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 45.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 1.624 ng

RT: 10.621 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF128868.D

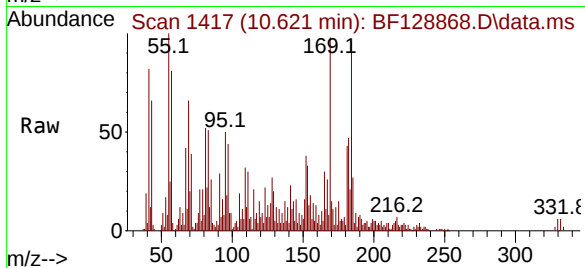
Acq: 17 Jun 2022 22:12

Instrument :

BNA_F

ClientSampleId :

SW-W-F1



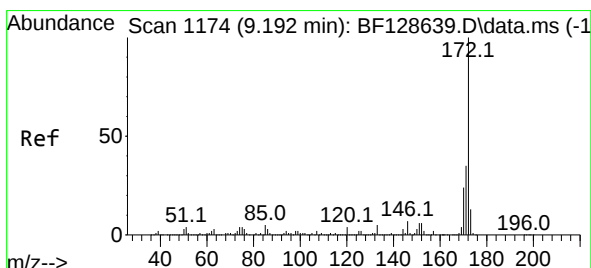
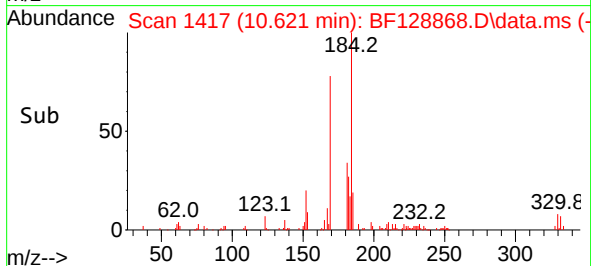
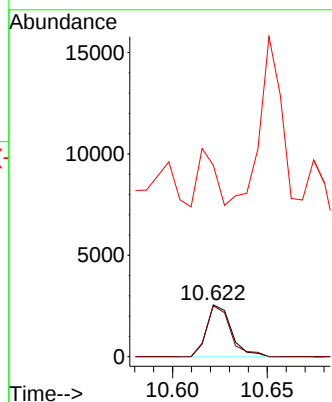
Tgt Ion:330 Resp: 2314

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

141 76.4 28.0 42.0#



#45

2-Fluorobiphenyl

Concen: 1.845 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128868.D

Acq: 17 Jun 2022 22:12

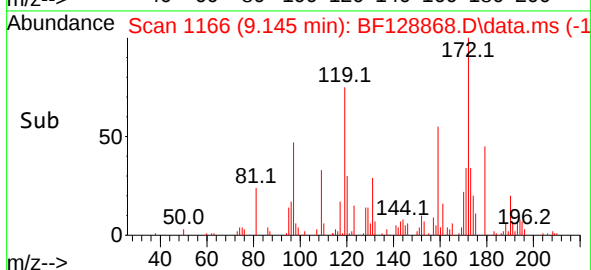
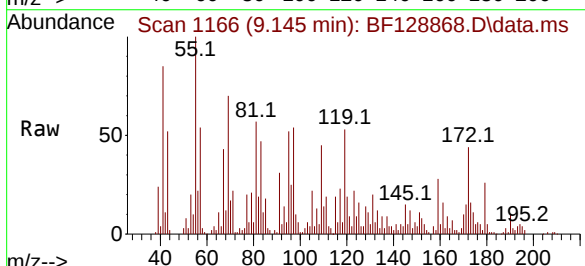
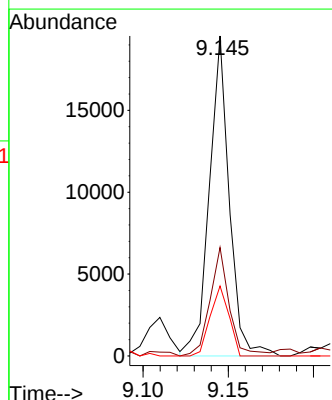
Tgt Ion:172 Resp: 15887

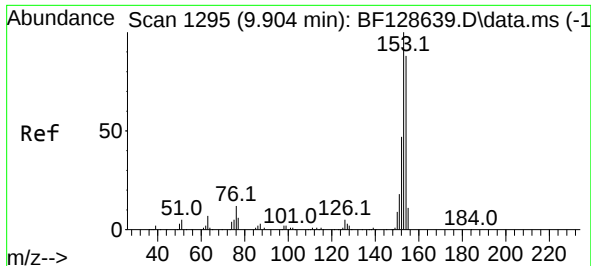
Ion Ratio Lower Upper

172 100

171 33.9 28.8 43.2

170 21.9 19.8 29.8

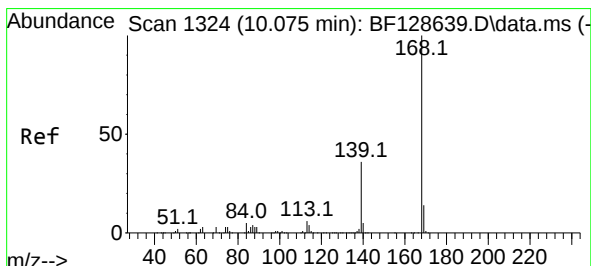
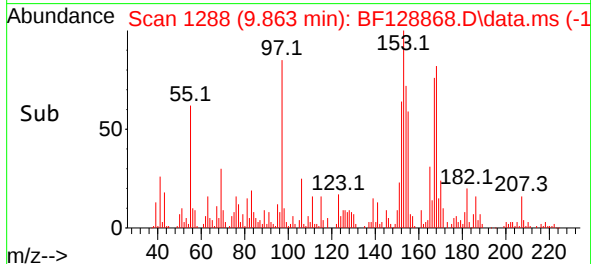
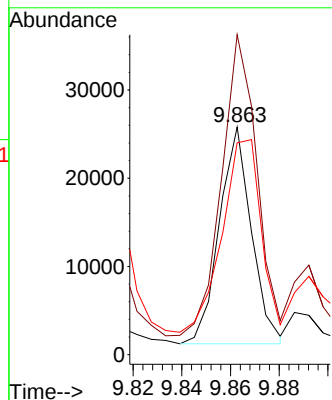
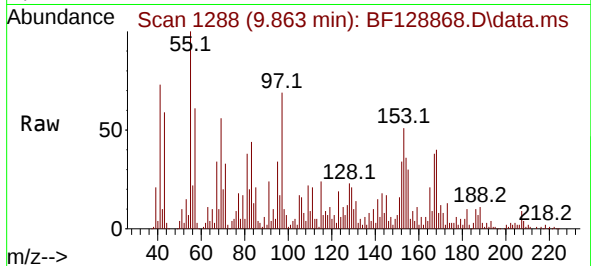




#52
Acenaphthene
Concen: 3.262 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

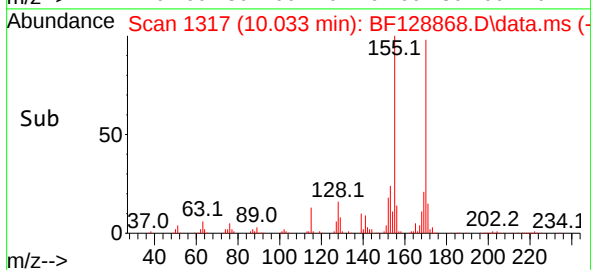
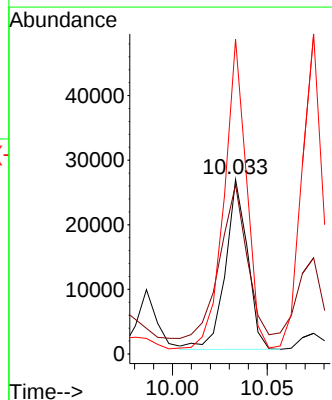
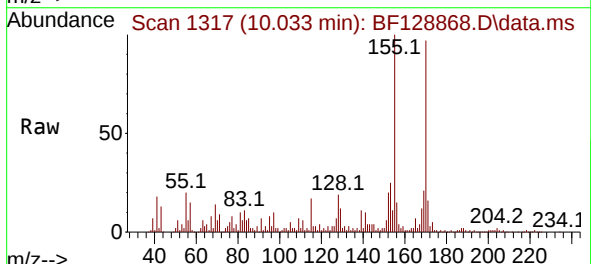
Instrument :
BNA_F
ClientSampleId :
SW-W-F1

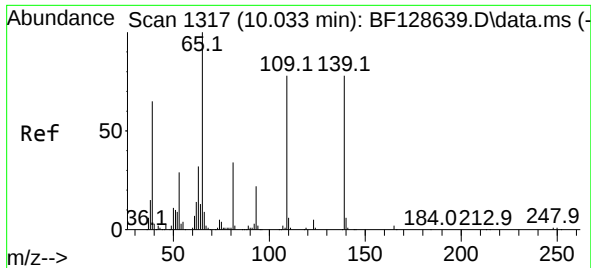
Tgt Ion:154 Resp: 22463
Ion Ratio Lower Upper
154 100
153 140.5 89.6 134.4#
152 93.0 42.4 63.6#



#55
Dibenzofuran
Concen: 2.161 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

Tgt Ion:168 Resp: 21383
Ion Ratio Lower Upper
168 100
139 97.0 30.6 46.0#
169 180.2 11.0 16.6#

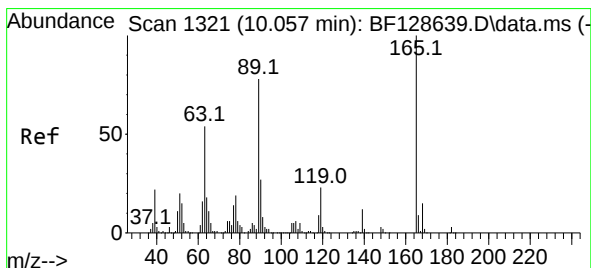
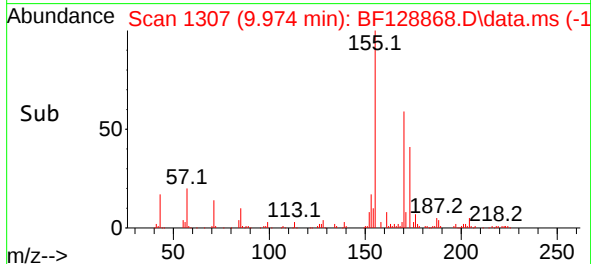
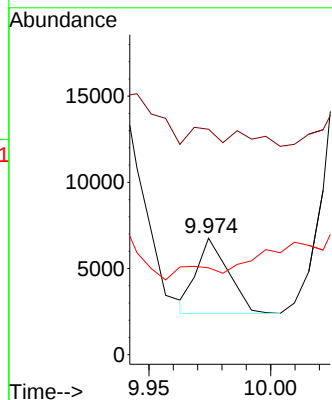
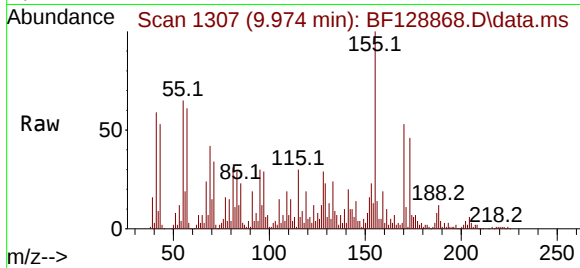




#56
4-Nitrophenol
Concen: 3.091 ng
RT: 9.974 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

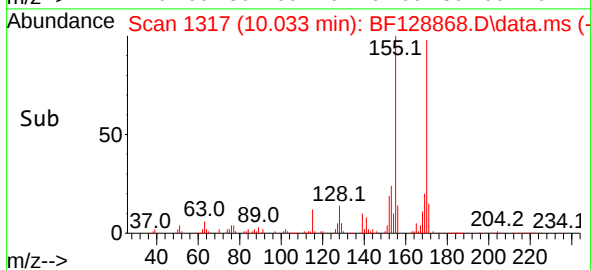
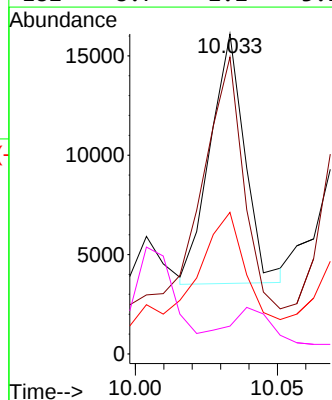
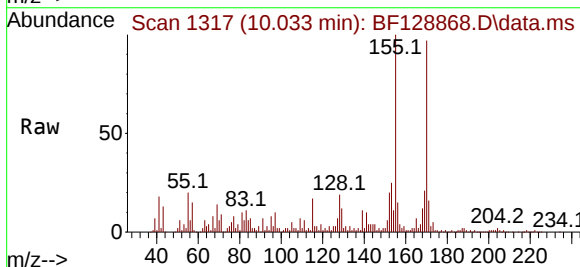
Instrument :
BNA_F
ClientSampleId :
SW-W-F1

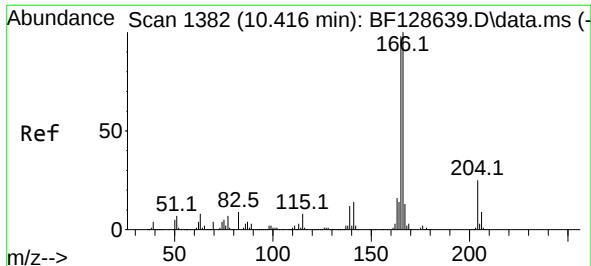
Tgt Ion:139 Resp: 3963
Ion Ratio Lower Upper
139 100
109 193.7 50.7 90.7#
65 74.6 74.5 114.5



#57
2,4-Dinitrotoluene
Concen: 4.898 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.012 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

Tgt Ion:165 Resp: 10652
Ion Ratio Lower Upper
165 100
63 92.8 39.8 59.6#
89 44.3 60.2 90.2#
182 8.7 2.2 3.2#

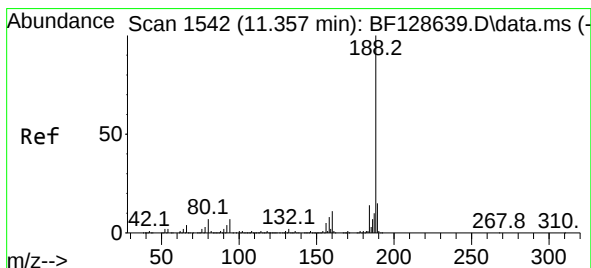
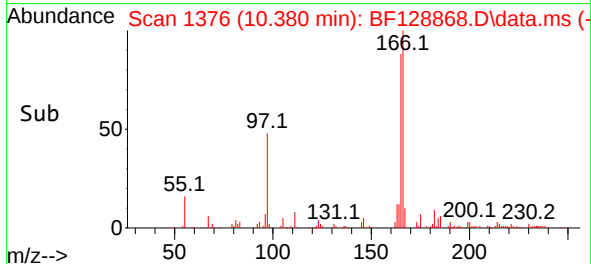
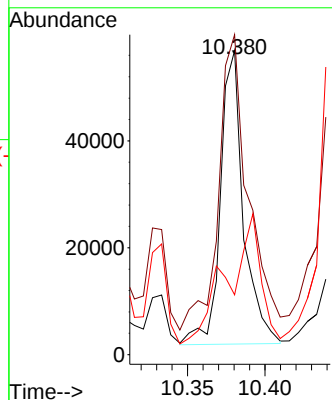
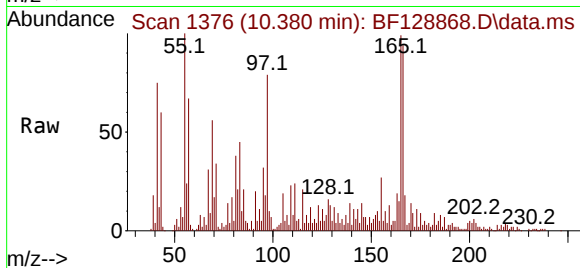




#58
Fluorene
Concen: 7.402 ng
RT: 10.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

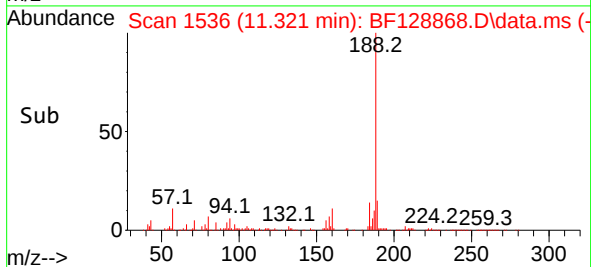
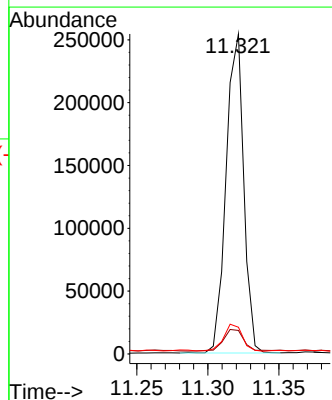
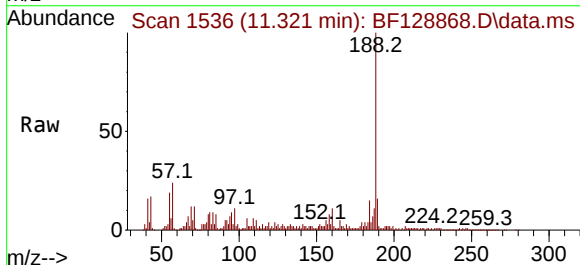
Instrument :
BNA_F
ClientSampleId :
SW-W-F1

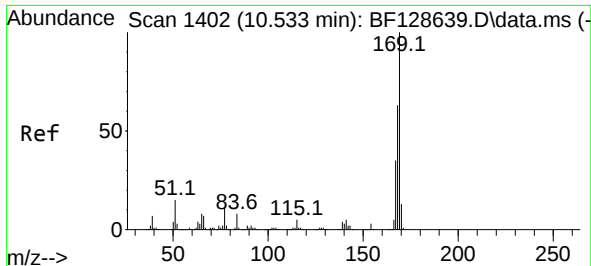
Tgt Ion:166 Resp: 56803
Ion Ratio Lower Upper
166 100
165 105.2 78.1 117.1
167 19.7 10.5 15.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1536
Delta R.T. 0.006 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

Tgt Ion:188 Resp: 218849
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.3 7.6 11.4

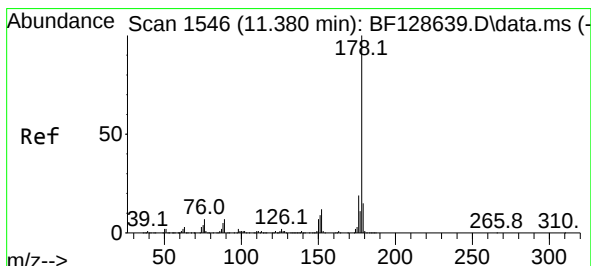
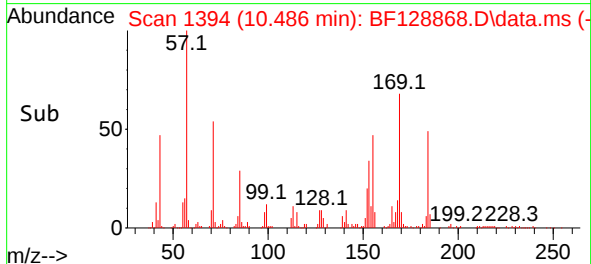
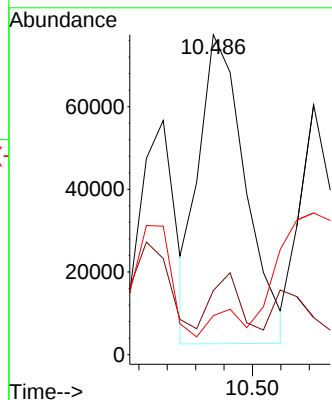
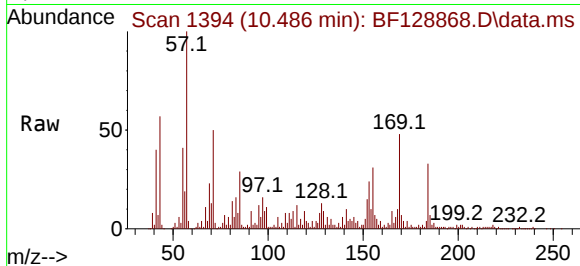




#66
n-Nitrosodiphenylamine
Concen: 12.636 ng
RT: 10.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

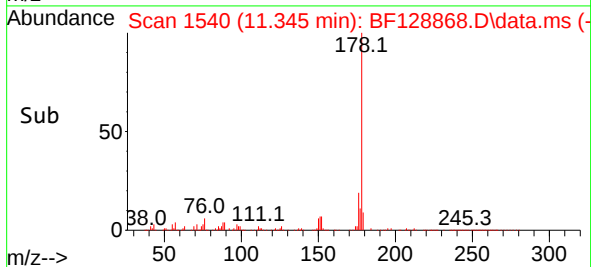
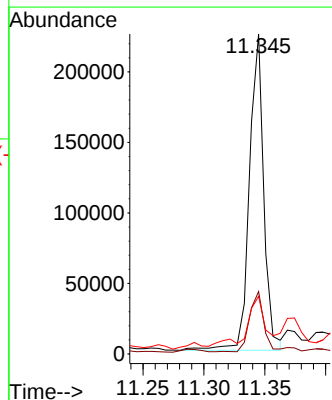
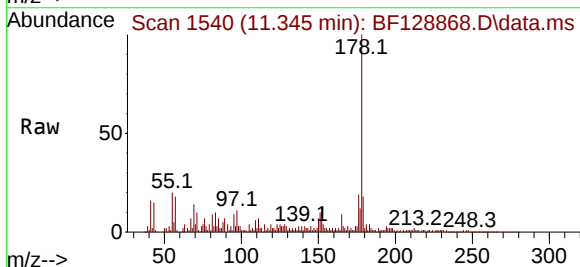
Instrument :
BNA_F
ClientSampleId :
SW-W-F1

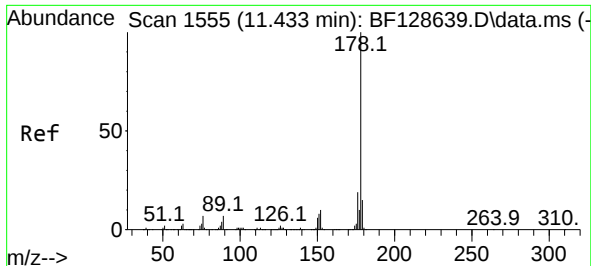
Tgt Ion:169 Resp: 85001
Ion Ratio Lower Upper
169 100
168 20.1 50.1 75.1#
167 12.2 27.9 41.9#



#71
Phenanthrene
Concen: 16.794 ng
RT: 11.345 min Scan# 1540
Delta R.T. 0.006 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

Tgt Ion:178 Resp: 184348
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 18.0 12.6 19.0

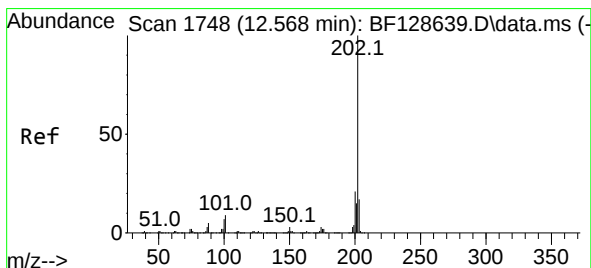
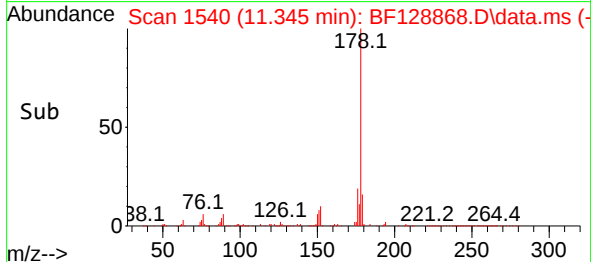
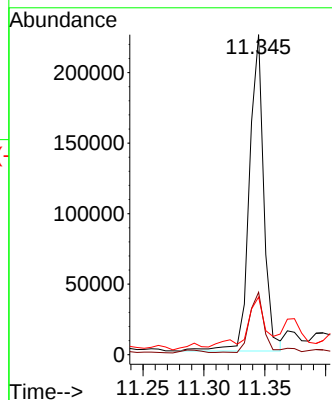
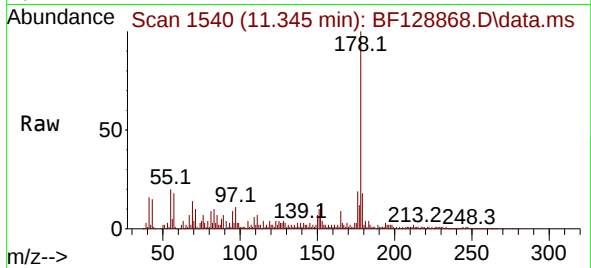




#72
 Anthracene
 Concen: 16.967 ng
 RT: 11.345 min Scan# 11
 Delta R.T. -0.047 min
 Lab File: BF128868.D
 Acq: 17 Jun 2022 22:12

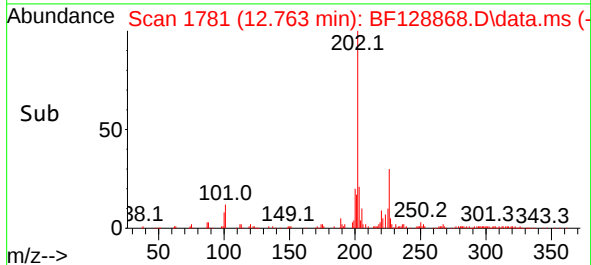
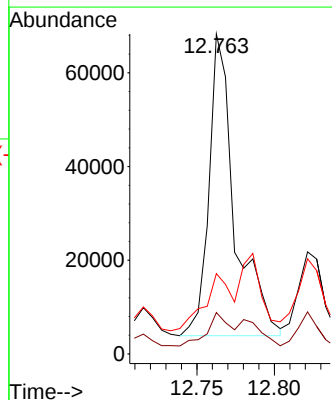
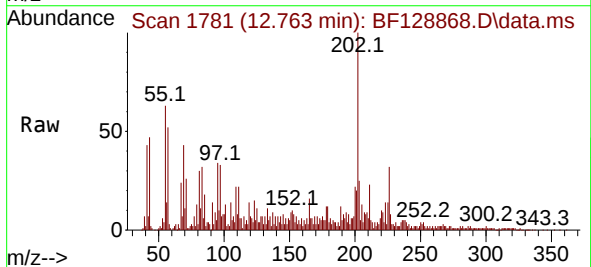
Instrument :
 BNA_F
 ClientSampleId :
 SW-W-F1

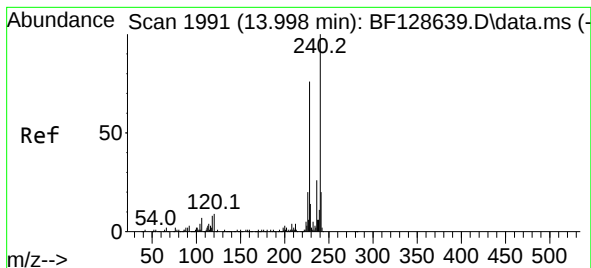
Tgt Ion:178 Resp: 184348
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 18.0 12.6 19.0



#75
 Fluoranthene
 Concen: 6.523 ng
 RT: 12.763 min Scan# 1781
 Delta R.T. 0.235 min
 Lab File: BF128868.D
 Acq: 17 Jun 2022 22:12

Tgt Ion:202 Resp: 74845
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 31.4
 203 25.1 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 1991

Delta R.T. 0.006 min

Lab File: BF128868.D

Acq: 17 Jun 2022 22:12

Instrument :

BNA_F

ClientSampleId :

SW-W-F1

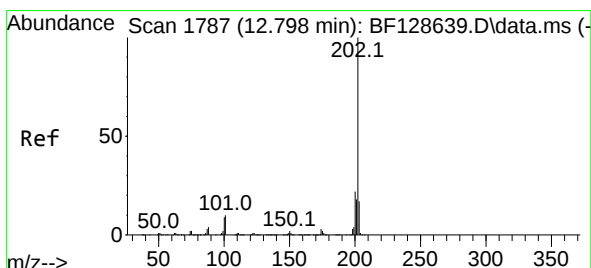
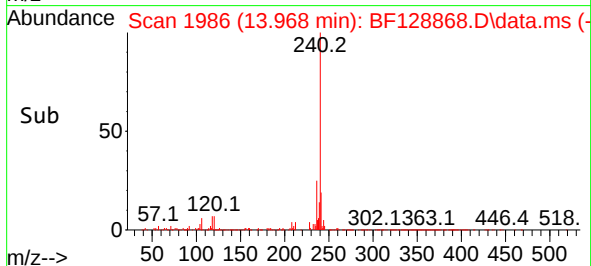
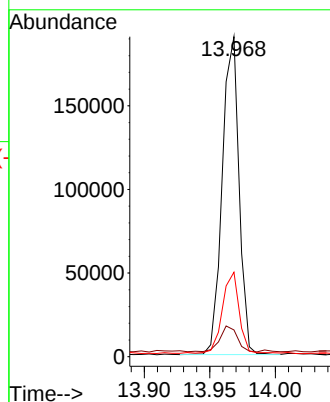
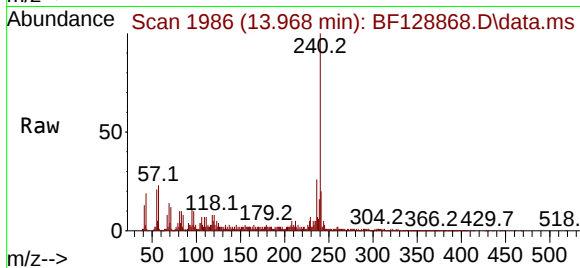
Tgt Ion:240 Resp: 168977

Ion Ratio Lower Upper

240 100

120 8.3 8.9 13.3#

236 26.4 20.8 31.2



#78

Pyrene

Concen: 5.969 ng

RT: 12.763 min Scan# 1781

Delta R.T. 0.006 min

Lab File: BF128868.D

Acq: 17 Jun 2022 22:12

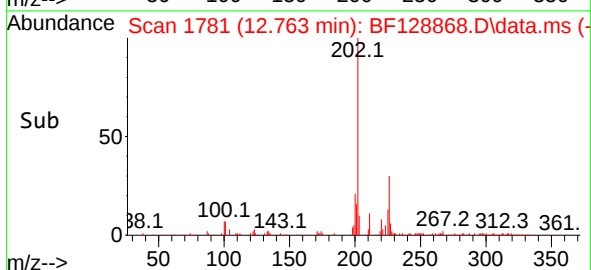
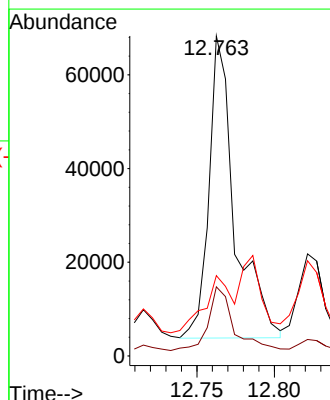
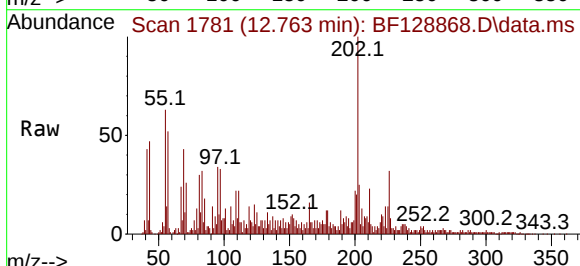
Tgt Ion:202 Resp: 75045

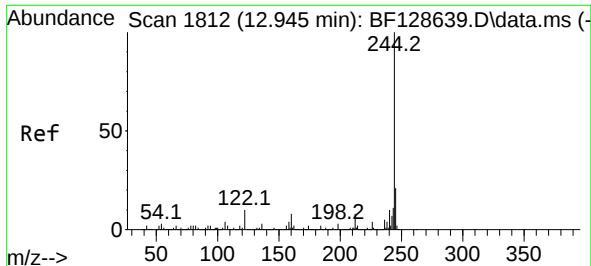
Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

203 25.1 14.6 21.8#

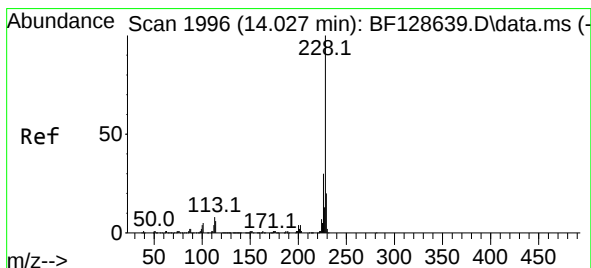
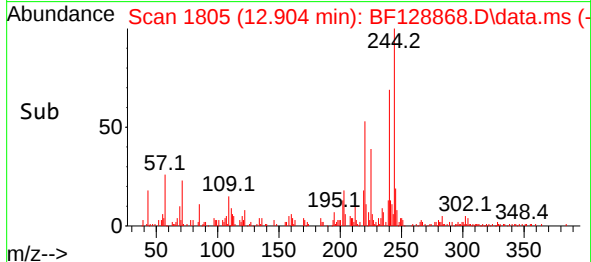
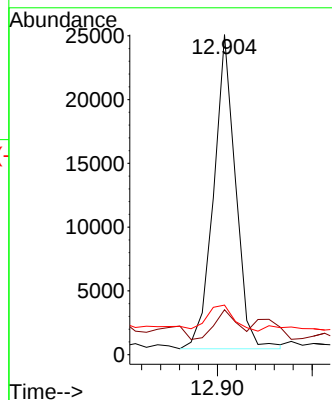
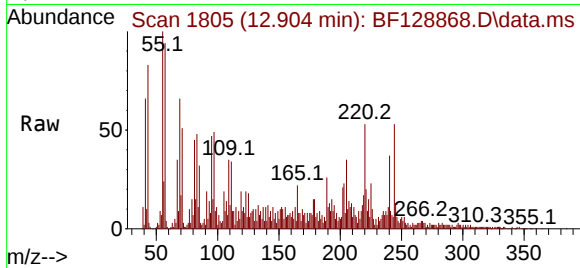




#79
 Terphenyl-d14
 Concen: 2.039 ng
 RT: 12.904 min Scan# 1805
 Delta R.T. -0.000 min
 Lab File: BF128868.D
 Acq: 17 Jun 2022 22:12

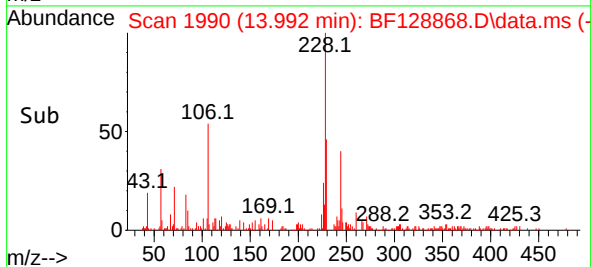
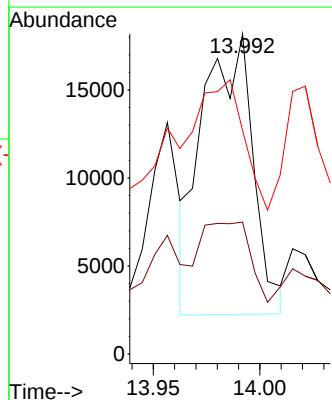
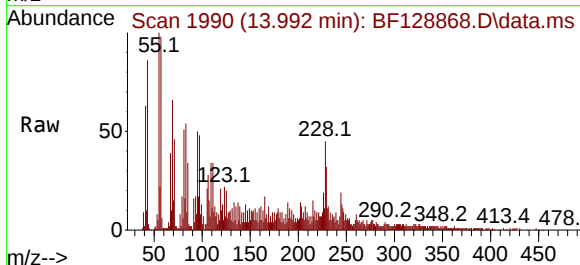
Instrument :
 BNA_F
 ClientSampleId :
 SW-W-F1

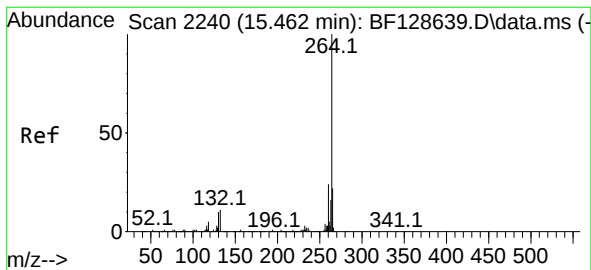
Tgt Ion:244 Resp: 19830
 Ion Ratio Lower Upper
 244 100
 212 14.1 6.1 9.1#
 122 15.5 8.8 13.2#



#83
 Chrysene
 Concen: 2.606 ng
 RT: 13.992 min Scan# 1990
 Delta R.T. -0.000 min
 Lab File: BF128868.D
 Acq: 17 Jun 2022 22:12

Tgt Ion:228 Resp: 26166
 Ion Ratio Lower Upper
 228 100
 226 41.2 24.3 36.5#
 229 69.9 15.9 23.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF128868.D

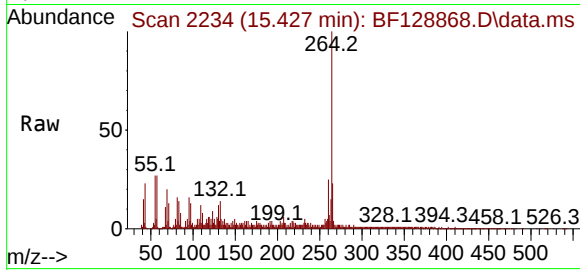
Acq: 17 Jun 2022 22:12

Instrument :

BNA_F

ClientSampleId :

SW-W-F1



Tgt Ion:264 Resp: 128268

Ion Ratio Lower Upper

264 100

260 25.2 18.4 27.6

265 23.3 17.2 25.8

