

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)

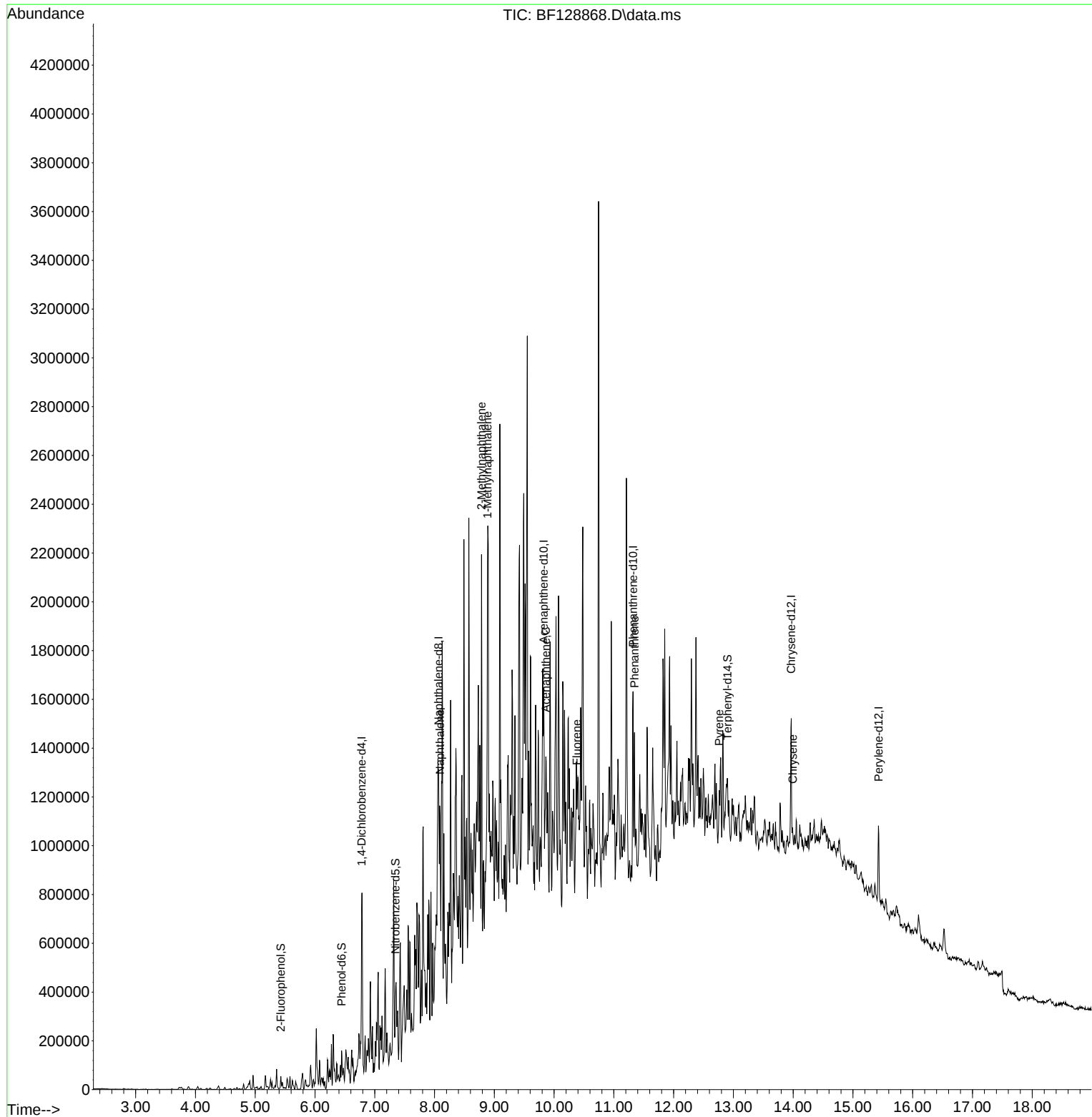
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	77741	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	251900	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	120630	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	218849	20.000	ng	0.00
76) Chrysene-d12	13.968	240	168977	20.000	ng	# 0.00
86) Perylene-d12	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
31) Naphthalene	8.092	128	116561	9.016	ng	# 91
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
58) Fluorene	10.380	166	56803	7.402	ng	# 91
71) Phenanthrene	11.345	178	184348	16.794	ng	97
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

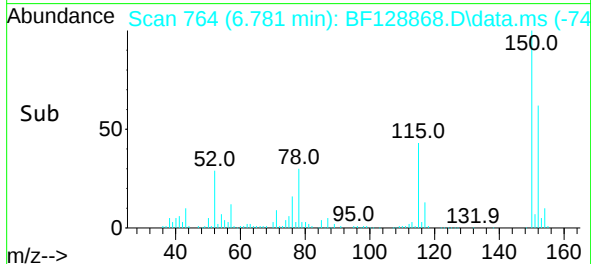
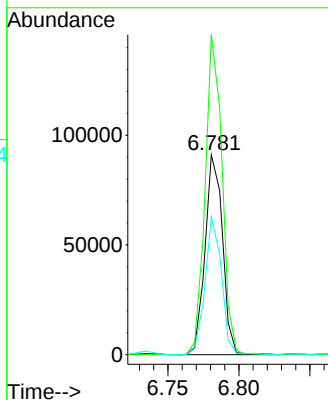
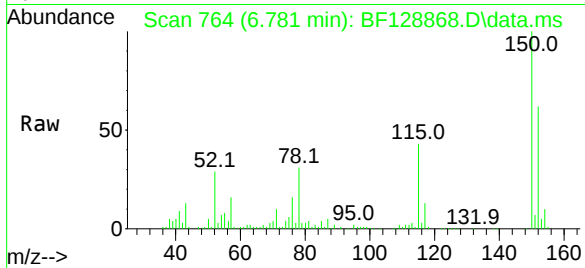




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 772
 Delta R.T. -0.000 min
 Lab File: BF128868.D
 Acq: 17 Jun 2022 22:12

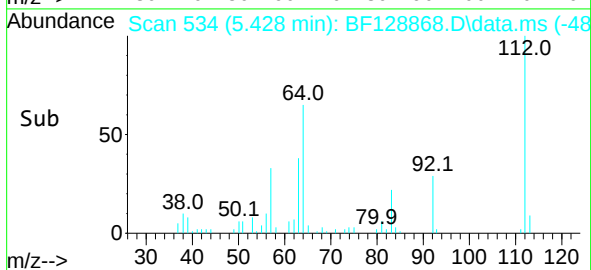
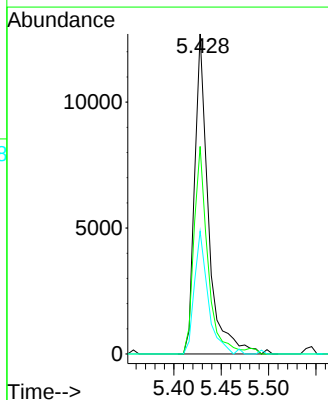
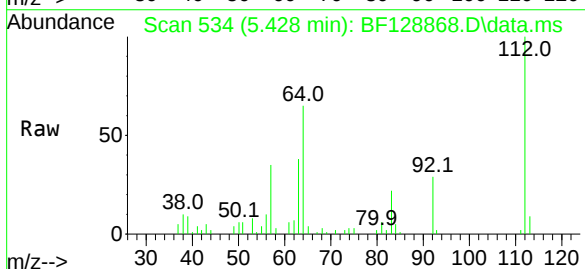
Instrument :
 BNA_F
 ClientSampleId :
 SW-W-F1

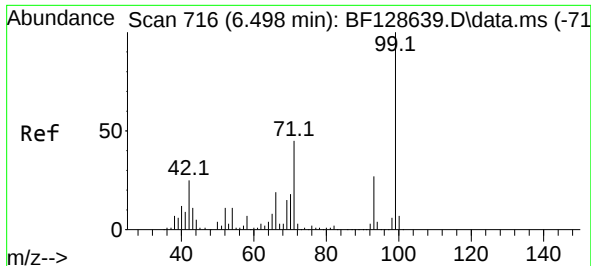
Tgt Ion:152 Resp: 77741
 Ion Ratio Lower Upper
 152 100
 150 160.1 123.7 185.5
 115 69.0 49.9 74.9



#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

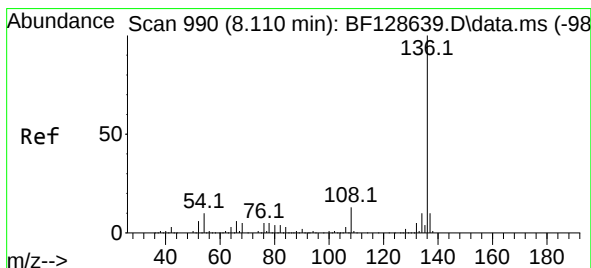
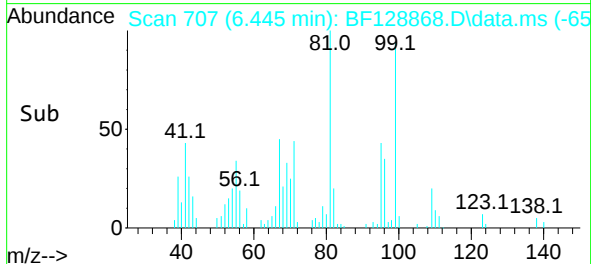
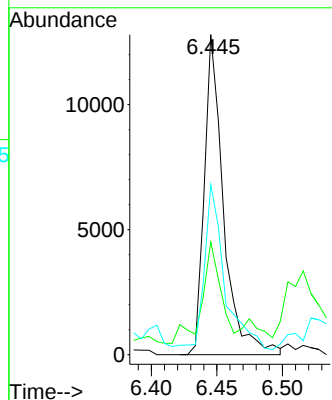
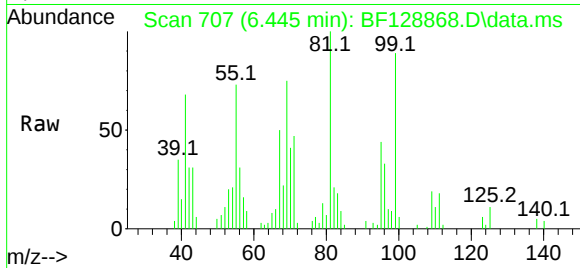




#7
Phenol-d6
Concen: 2.199 ng
RT: 6.445 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

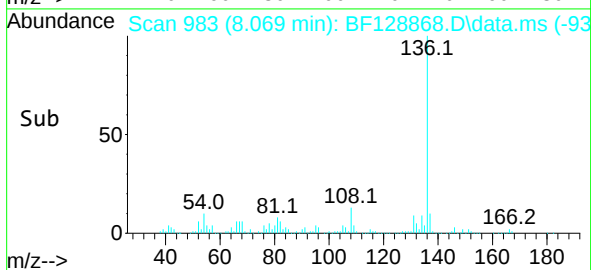
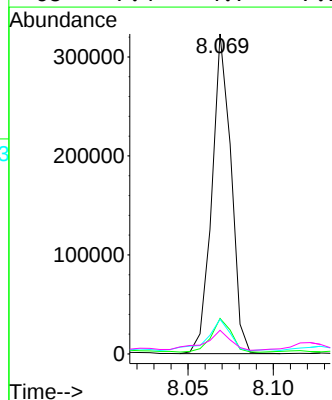
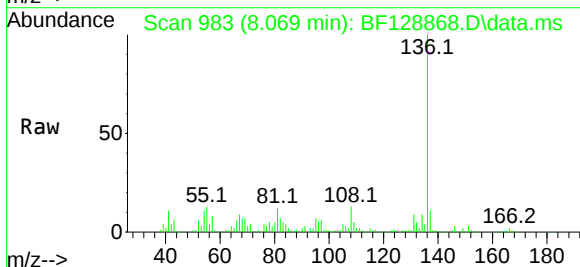
Instrument :
BNA_F
ClientSampleId :
SW-W-F1

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#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

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#

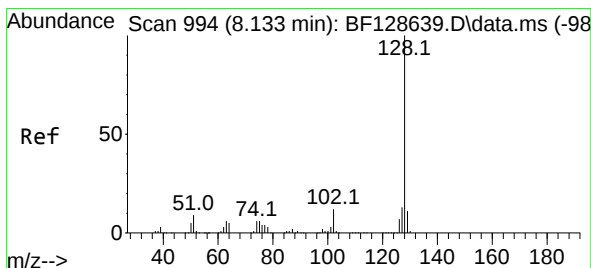
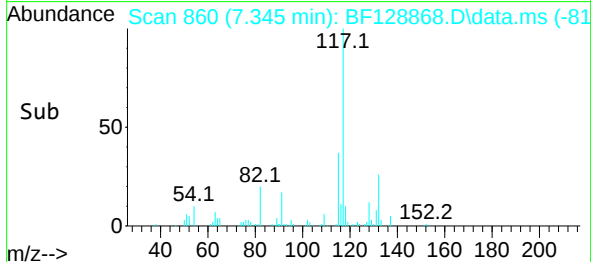
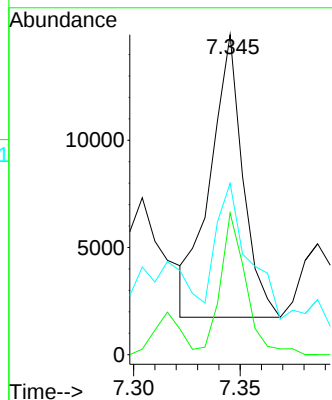
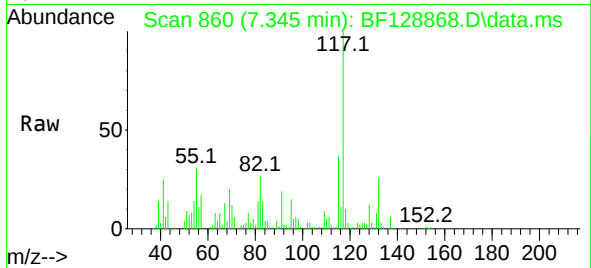




#23
Nitrobenzene-d5
Concen: 2.601 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

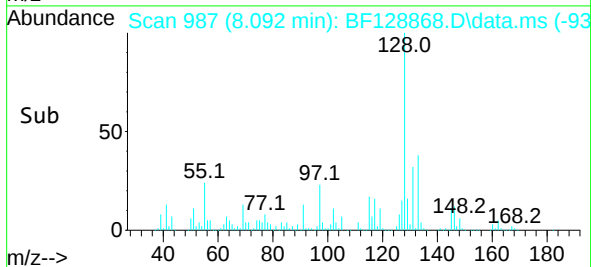
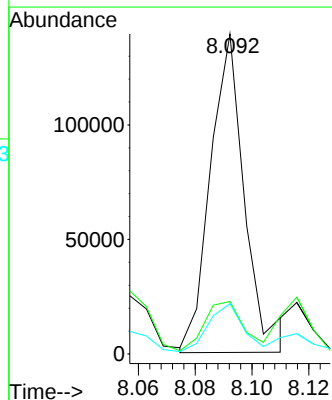
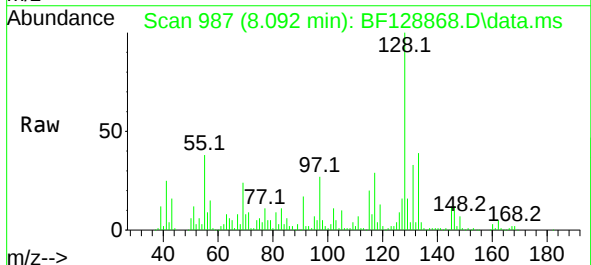
Instrument :
BNA_F
ClientSampleId :
SW-W-F1

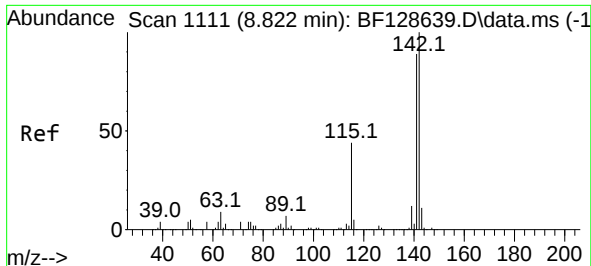
Tgt Ion: 82 Resp: 14072
Ion Ratio Lower Upper
82 100
128 44.3 34.0 51.0
54 53.6 46.9 70.3



#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





#37

2-Methylnaphthalene

Concen: 43.082 ng

RT: 8.786 min Scan# 1111

Delta R.T. 0.006 min

Lab File: BF128868.D

Acq: 17 Jun 2022 22:12

Instrument :

BNA_F

ClientSampleId :

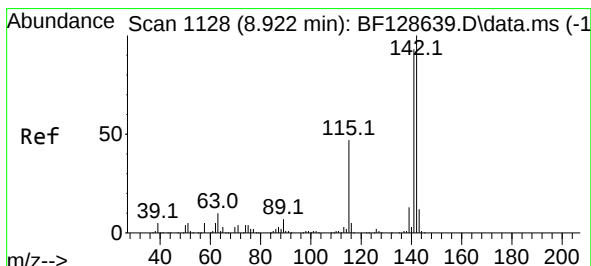
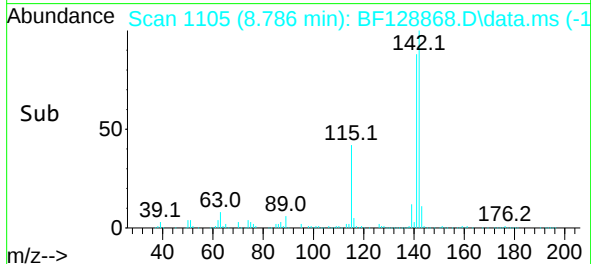
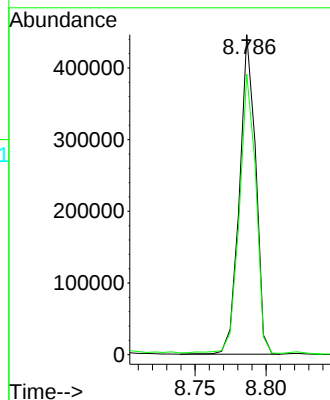
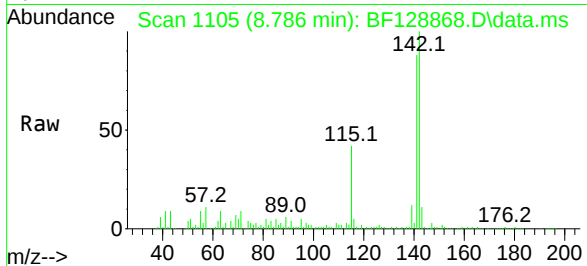
SW-W-F1

Tgt Ion:142 Resp: 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# 1122

Delta R.T. 0.006 min

Lab File: BF128868.D

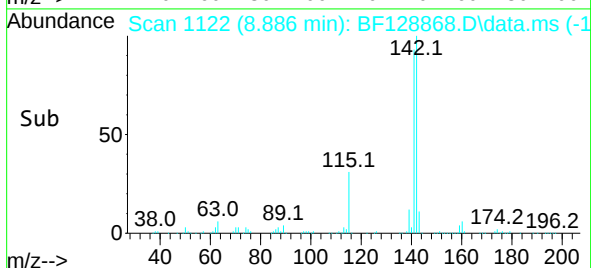
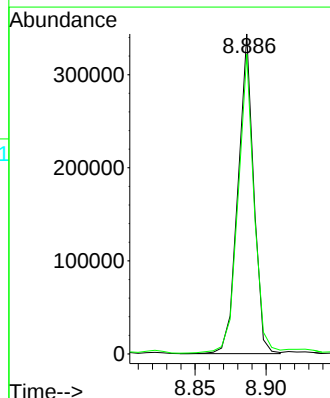
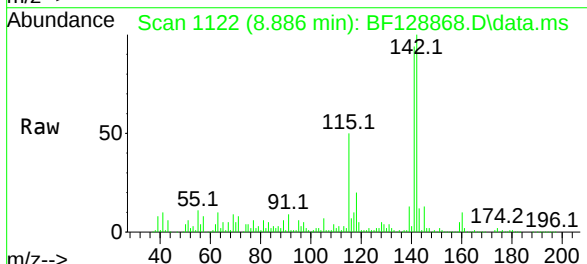
Acq: 17 Jun 2022 22:12

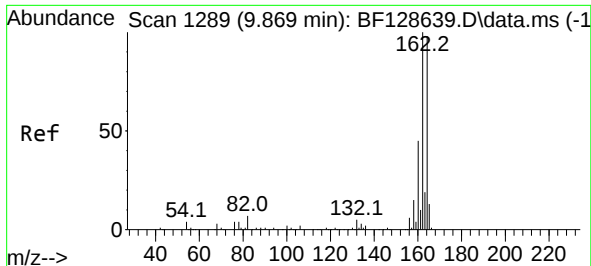
Tgt Ion:142 Resp: 263803

Ion Ratio Lower Upper

142 100

141 93.7 74.2 111.4

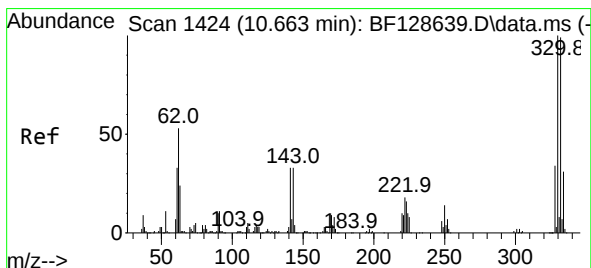
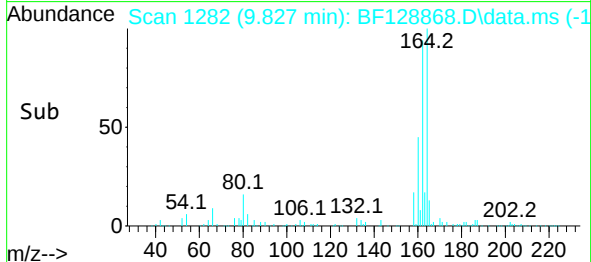
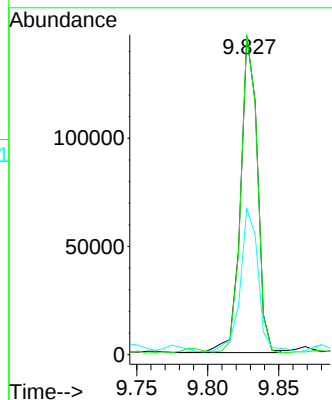
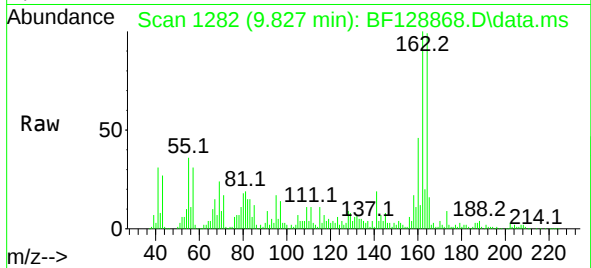




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

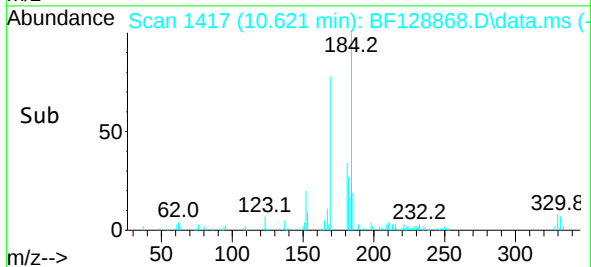
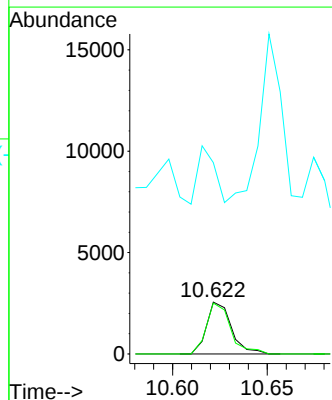
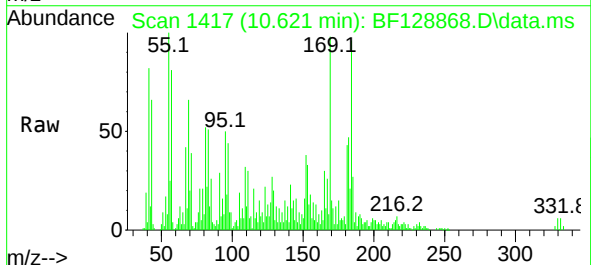
Instrument :
BNA_F
ClientSampleId :
SW-W-F1

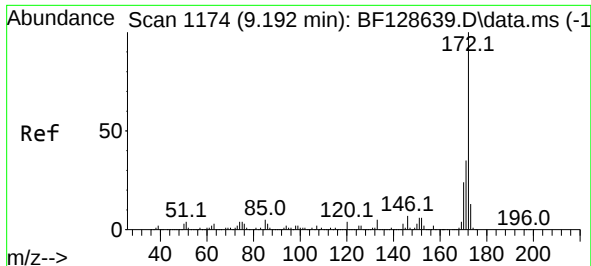
Tgt Ion:164 Resp: 120630
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 45.9 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 1.624 ng
RT: 10.621 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

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#

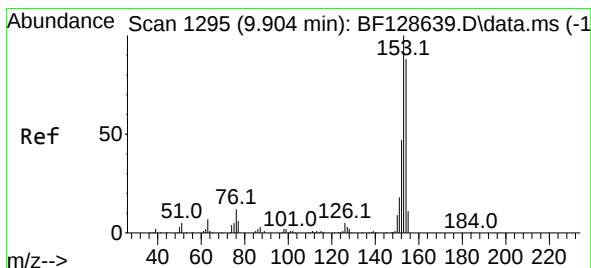
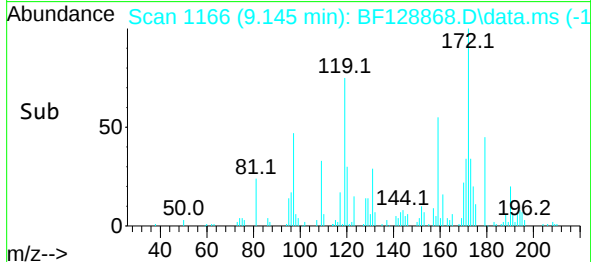
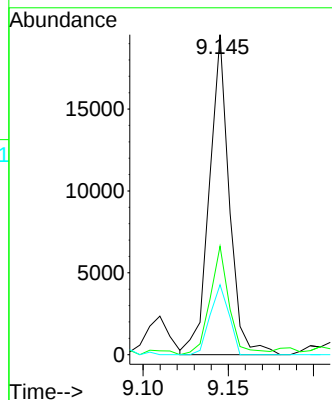
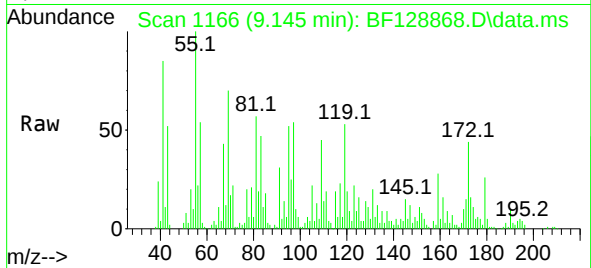




#45
2-Fluorobiphenyl
Concen: 1.845 ng
RT: 9.145 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

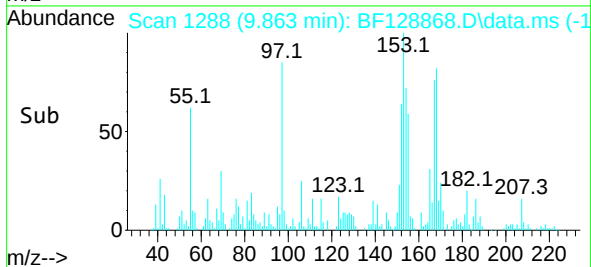
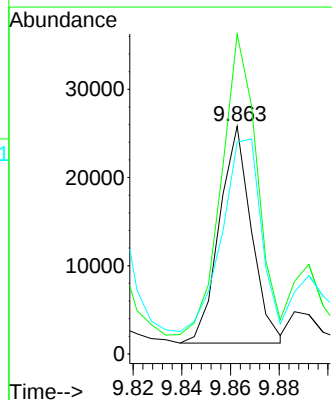
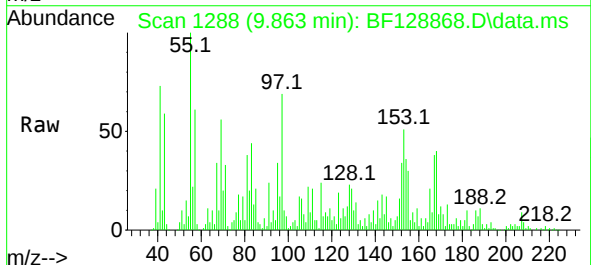
Instrument :
BNA_F
ClientSampleId :
SW-W-F1

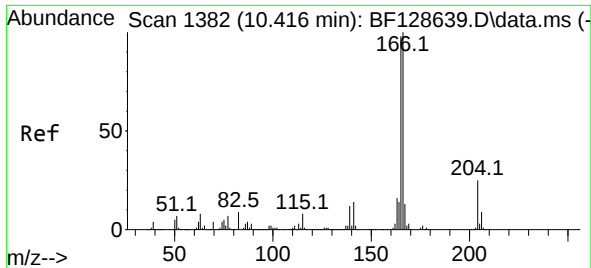
Tgt Ion:172 Resp: 15887
Ion Ratio Lower Upper
172 100
171 33.9 28.8 43.2
170 21.9 19.8 29.8



#52
Acenaphthene
Concen: 3.262 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF128868.D
Acq: 17 Jun 2022 22:12

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#

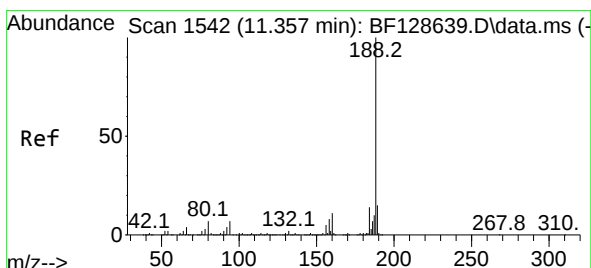
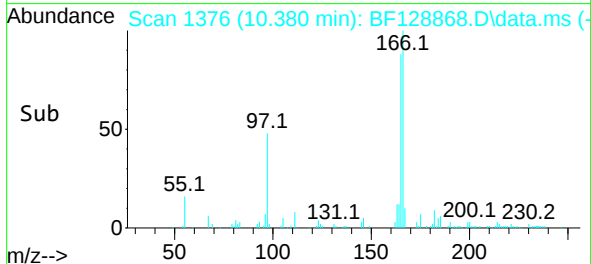
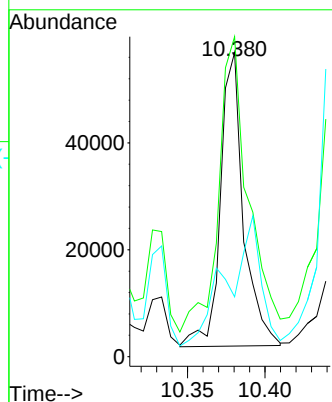
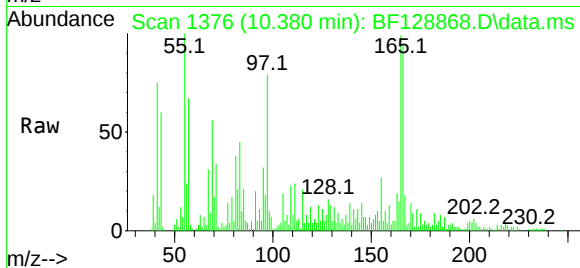




#58
 Fluorene
 Concen: 7.402 ng
 RT: 10.380 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF128868.D
 Acq: 17 Jun 2022 22:12

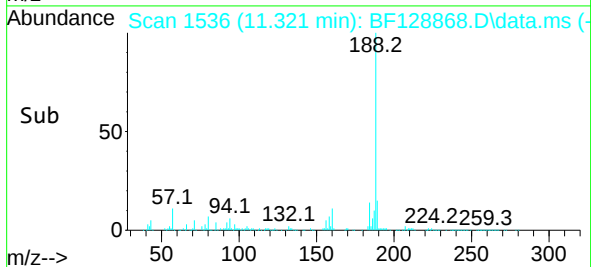
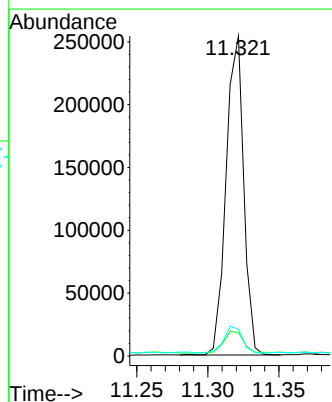
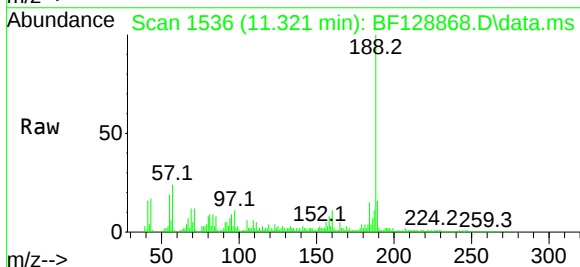
Instrument :
 BNA_F
 ClientSampleId :
 SW-W-F1

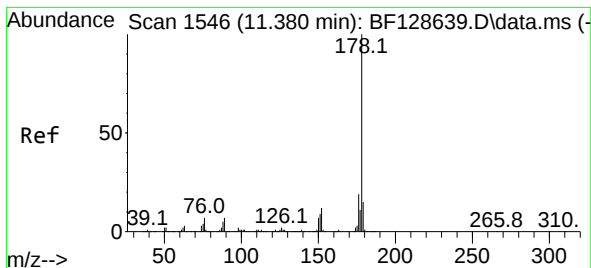
Tgt Ion:166 Resp: 56803
 Ion Ratio Lower Upper
 166 100
 165 105.2 78.1 117.1
 167 19.7 10.5 15.7#



#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





#71

Phenanthrene

Concen: 16.794 ng

RT: 11.345 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF128868.D

Acq: 17 Jun 2022 22:12

Instrument :

BNA_F

ClientSampleId :

SW-W-F1

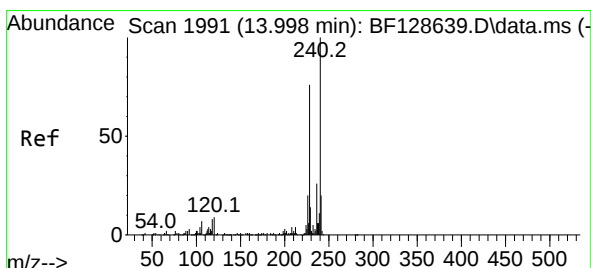
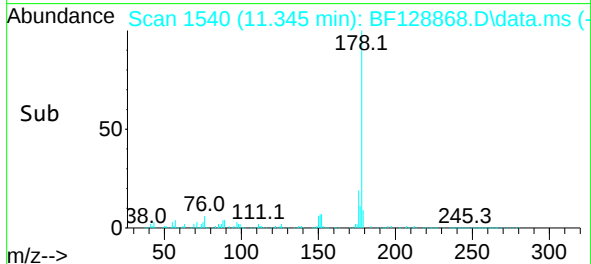
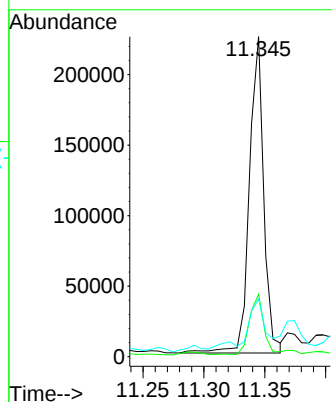
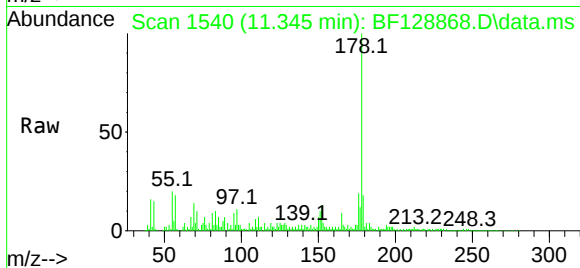
Tgt Ion:178 Resp: 184348

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

179 18.0 12.6 19.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BF128868.D

Acq: 17 Jun 2022 22:12

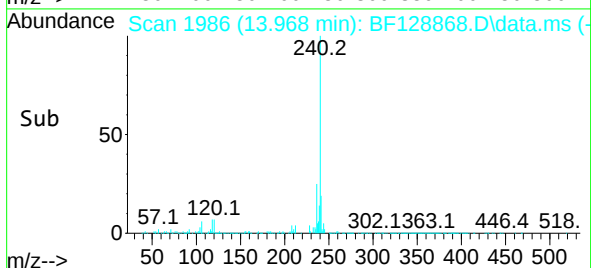
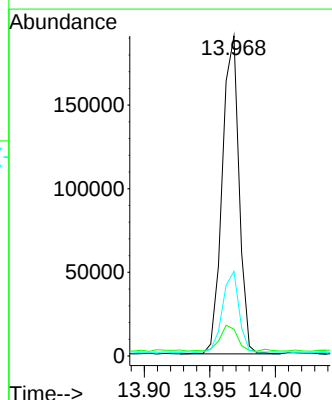
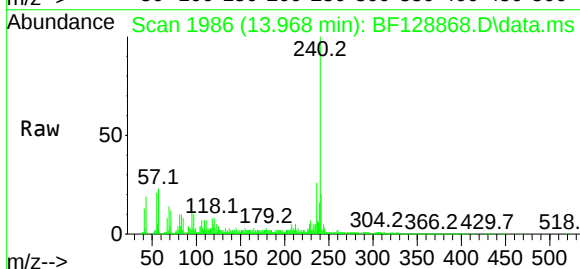
Tgt Ion:240 Resp: 168977

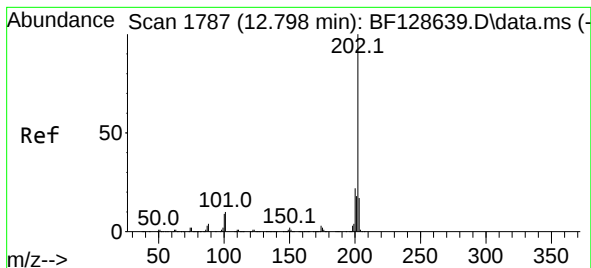
Ion Ratio Lower Upper

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# 1

Delta R.T. 0.006 min

Lab File: BF128868.D

Acq: 17 Jun 2022 22:12

Instrument :

BNA_F

ClientSampleId :

SW-W-F1

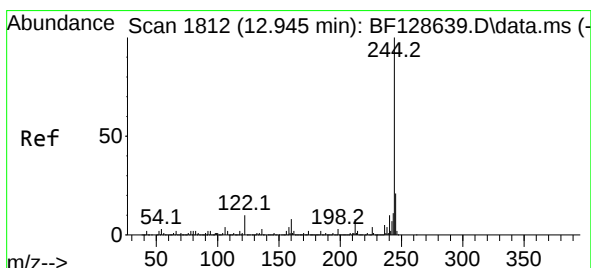
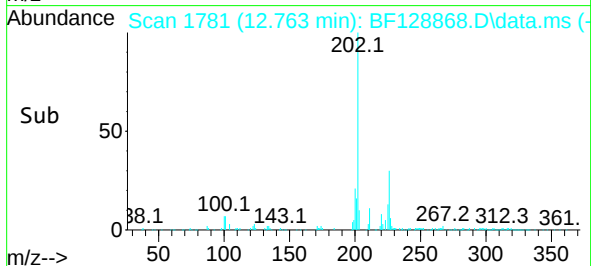
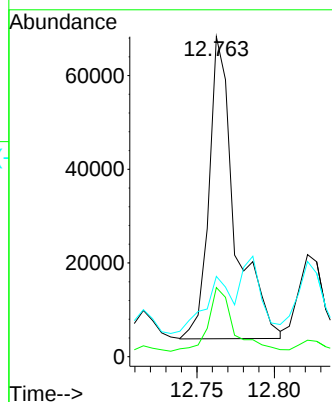
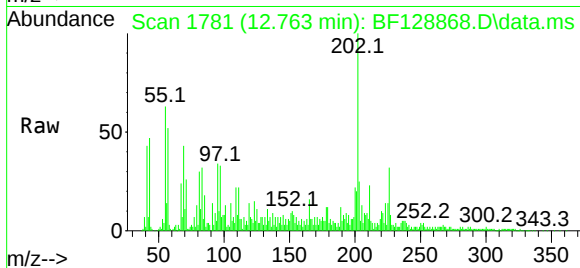
Tgt Ion:202 Resp: 75045

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

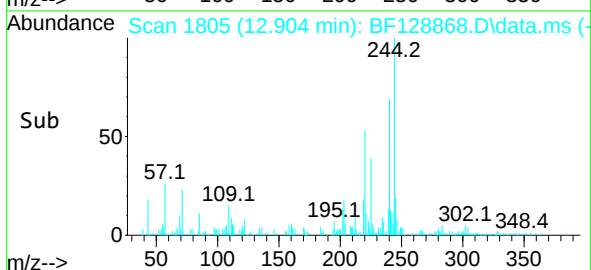
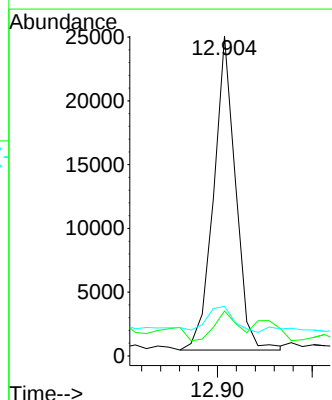
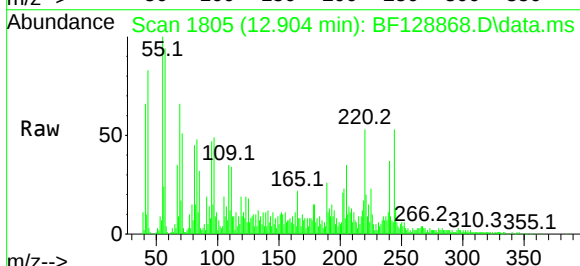
Tgt Ion:244 Resp: 19830

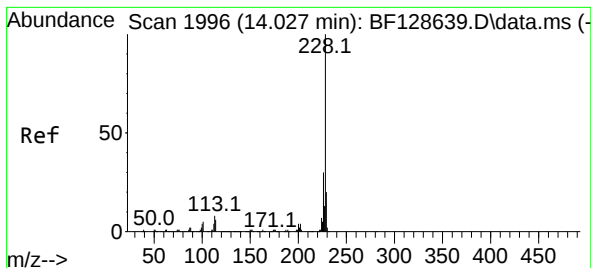
Ion Ratio Lower Upper

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# 1996

Delta R.T. -0.000 min

Lab File: BF128868.D

Acq: 17 Jun 2022 22:12

Instrument :

BNA_F

ClientSampleId :

SW-W-F1

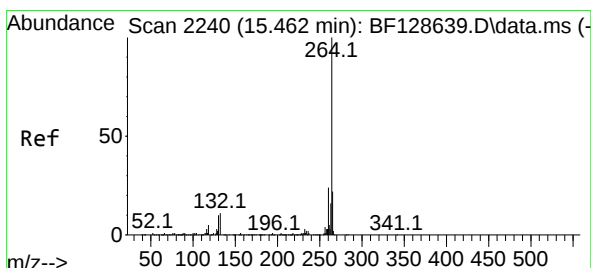
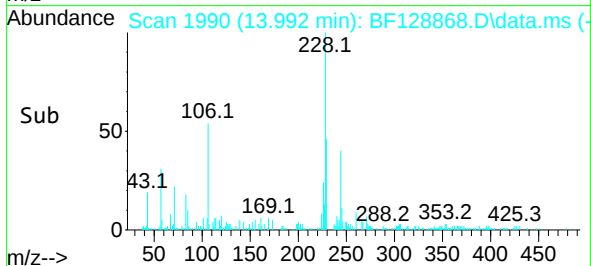
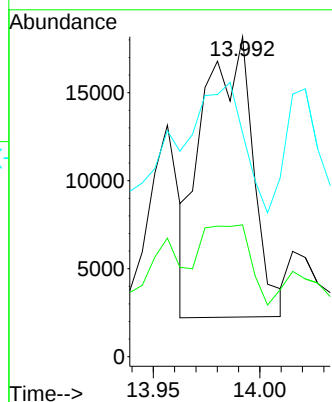
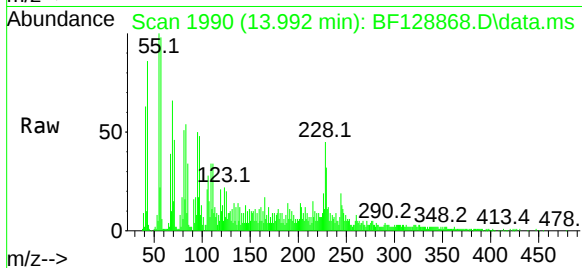
Tgt Ion:228 Resp: 26166

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# 2234

Delta R.T. 0.012 min

Lab File: BF128868.D

Acq: 17 Jun 2022 22:12

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

