

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128659.D
 Acq On : 03 Jun 2022 01:39
 Operator : CG\JU
 Sample : N2984-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-1218-01

Quant Time: Jun 03 03:28:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

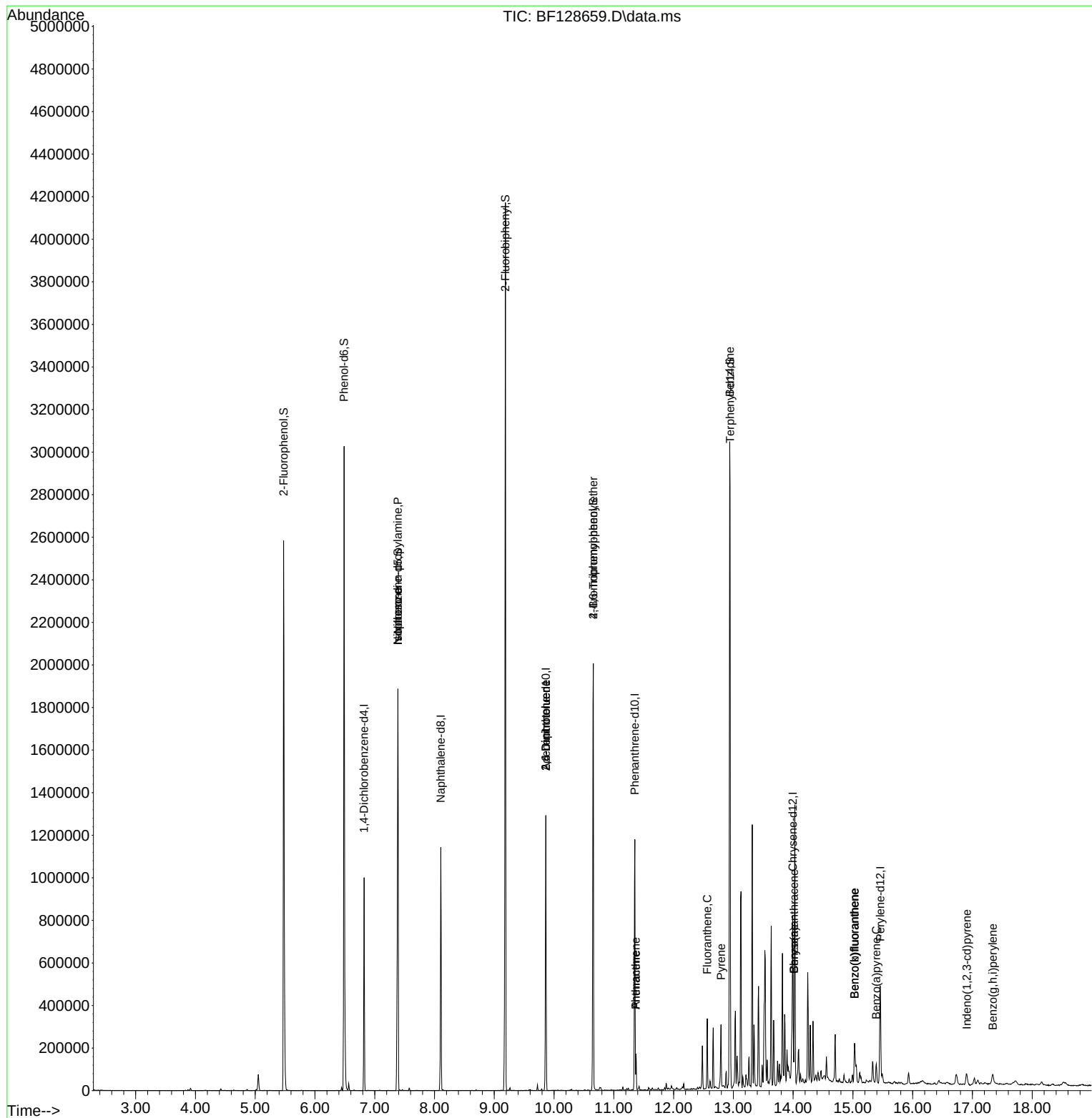
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	113888	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	438685	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	238791	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	410315	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	229934	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	208655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	630195	88.139	ng	0.00
7) Phenol-d6	6.487	99	826354	94.680	ng	-0.01
23) Nitrobenzene-d5	7.387	82	625396	66.375	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	218203	77.338	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1171702	68.735	ng	0.00
79) Terphenyl-d14	12.945	244	1042773	78.803	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	92621	17.068	ng	# 82
25) Isophorone	7.387	82	624639	43.650	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	30099	9.330	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	30099	6.991	ng	# 22
67) 4-Bromophenyl-phenylether	10.657	248	15193	3.320	ng	# 1
71) Phenanthrene	11.369	178	58873	2.861	ng	98
72) Anthracene	11.369	178	58873	2.890	ng	97
75) Fluoranthene	12.563	202	117855	5.478	ng	94
77) Benzidine	12.939	184	21152	4.615	ng	98
78) Pyrene	12.792	202	111607	6.524	ng	99
81) Benzo(a)anthracene	14.016	228	55768	3.891	ng	95
83) Chrysene	14.016	228	55768	4.081	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	34878	2.773	ng	# 88
88) Benzo(b)fluoranthene	15.027	252	125116	9.384	ng	97
89) Benzo(k)fluoranthene	15.027	252	125116	9.976	ng	97
90) Benzo(a)pyrene	15.392	252	41032	3.916	ng	97
92) Benzo(g,h,i)perylene	17.339	276	33340	3.225	ng	# 90

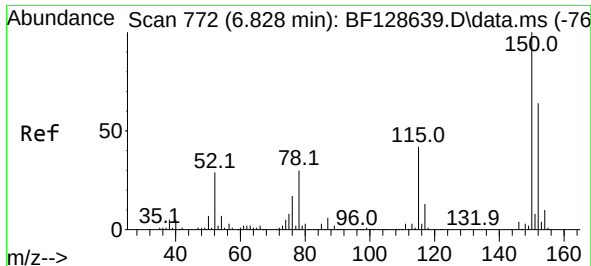
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128659.D
Acq On : 03 Jun 2022 01:39
Operator : CG\JU
Sample : N2984-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

Quant Time: Jun 03 03:28:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 17:07:23 2022
Response via : Initial Calibration

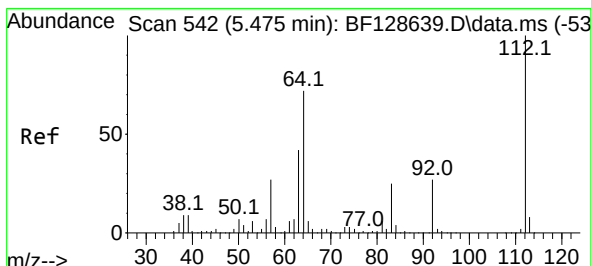
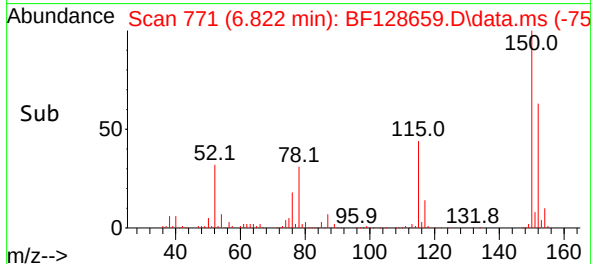
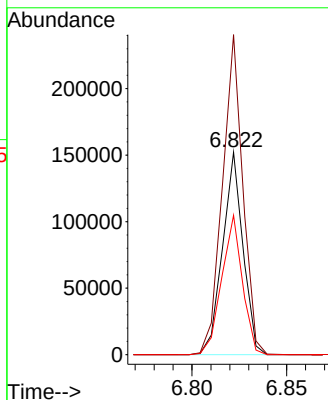
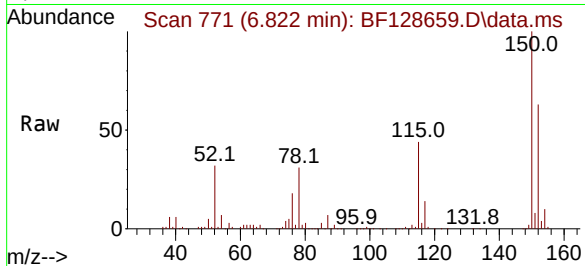




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

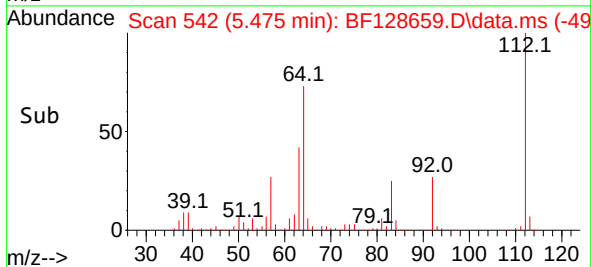
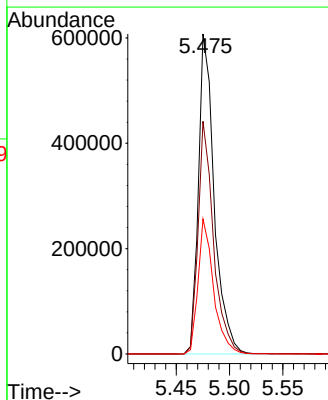
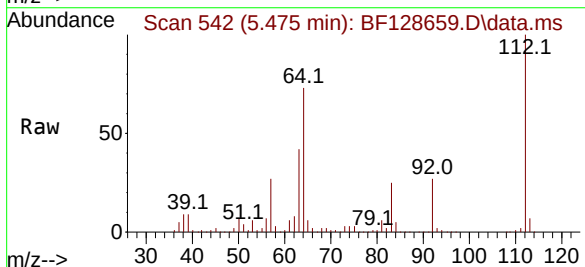
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

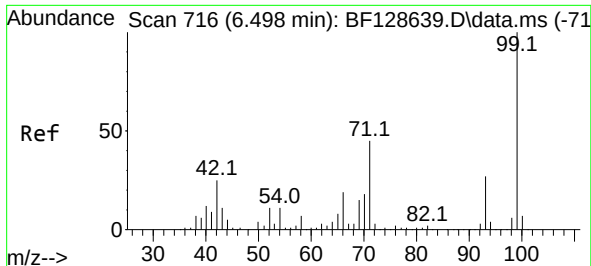
Tgt Ion:152 Resp: 113888
Ion Ratio Lower Upper
152 100
150 158.0 123.7 185.5
115 68.8 49.9 74.9



#5
2-Fluorophenol
Concen: 88.139 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.000 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

Tgt Ion:112 Resp: 630195
Ion Ratio Lower Upper
112 100
64 72.7 53.3 79.9
63 42.1 28.0 42.0#

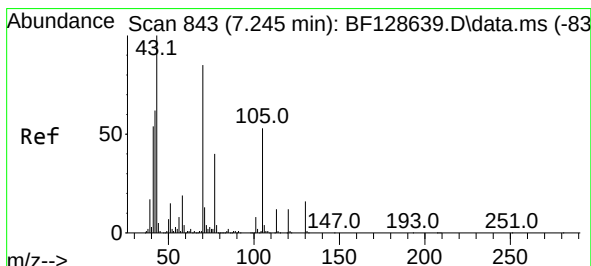
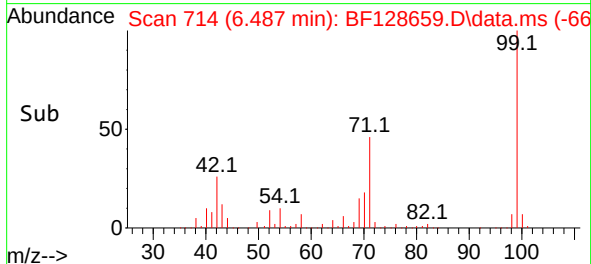
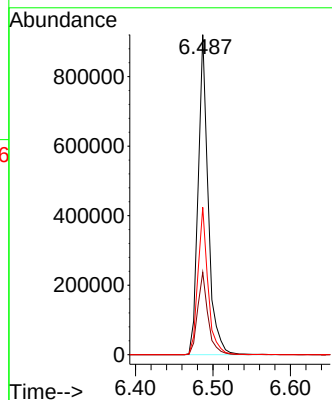
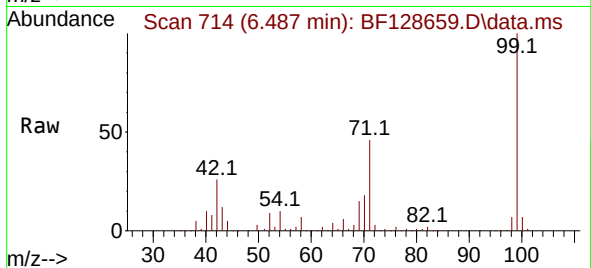




#7
Phenol-d6
Concen: 94.680 ng
RT: 6.487 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

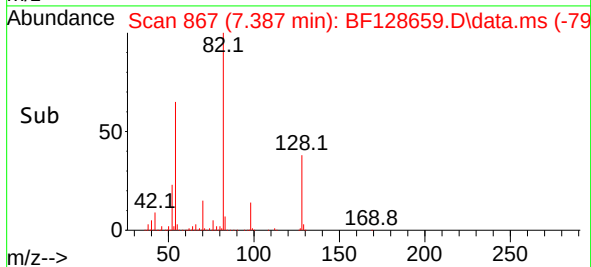
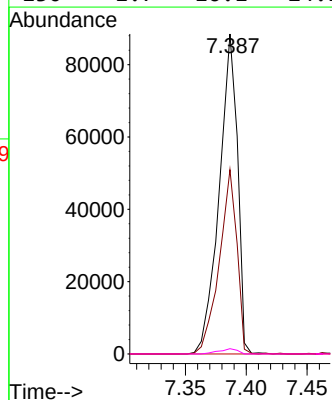
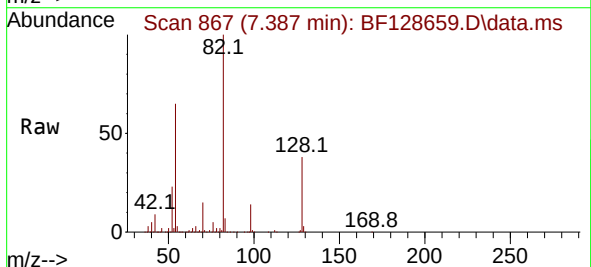
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

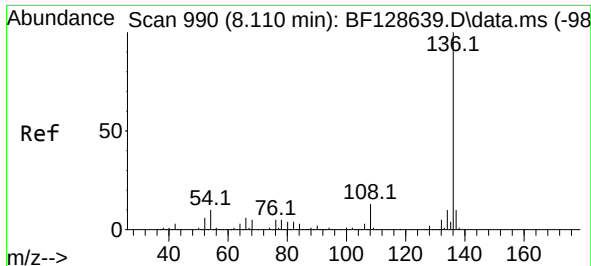
Tgt Ion: 99 Resp: 826354
Ion Ratio Lower Upper
99 100
42 25.7 17.3 25.9
71 46.0 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 17.068 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

Tgt Ion: 70 Resp: 92621
Ion Ratio Lower Upper
70 100
42 57.6 52.3 78.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

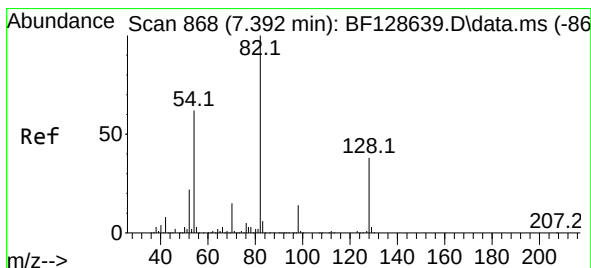
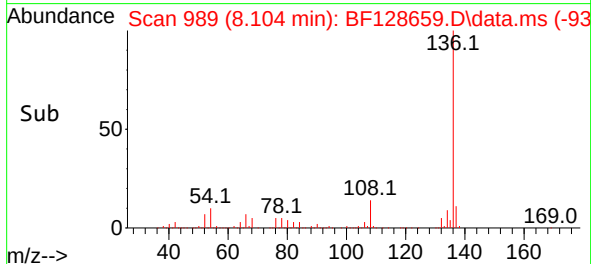
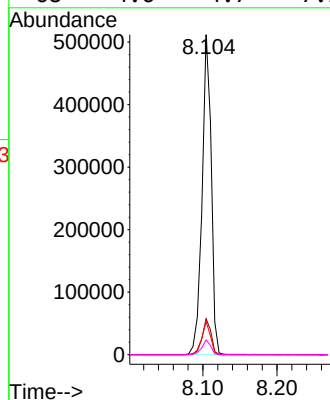
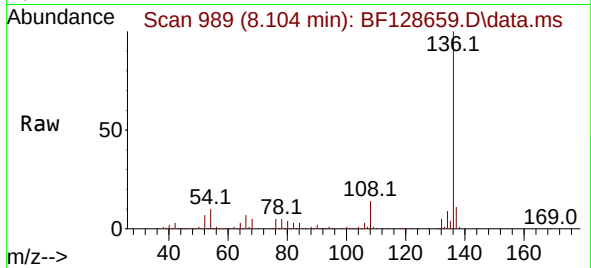




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

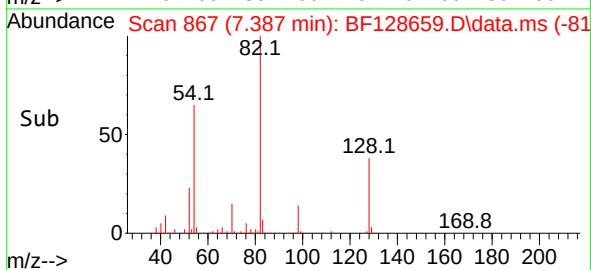
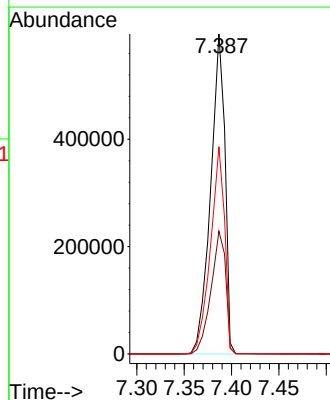
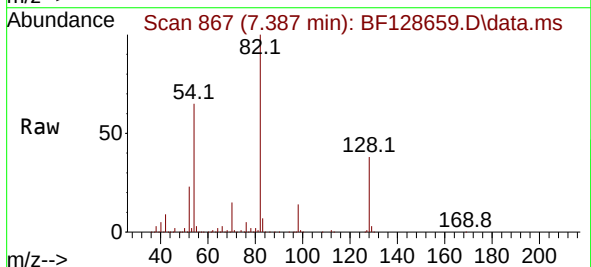
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

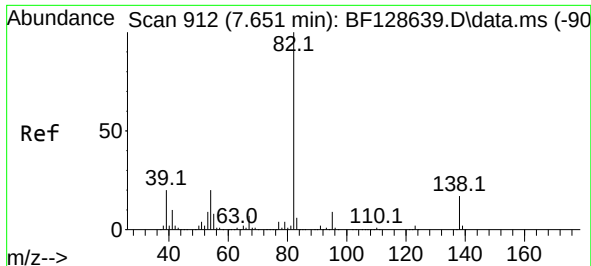
Tgt Ion:136 Resp: 438685
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.3 7.5 11.3
68 4.6 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 66.375 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.005 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

Tgt Ion: 82 Resp: 625396
Ion Ratio Lower Upper
82 100
128 38.4 34.0 51.0
54 64.7 46.9 70.3

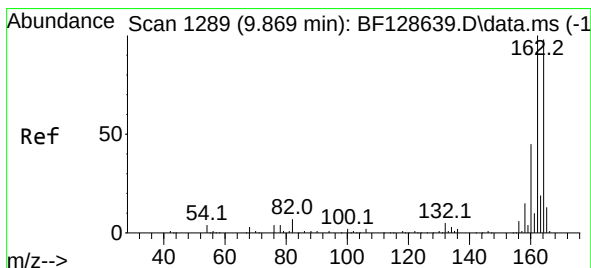
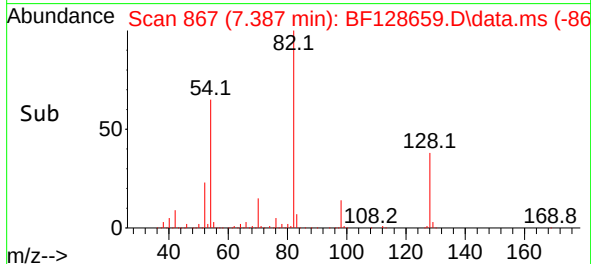
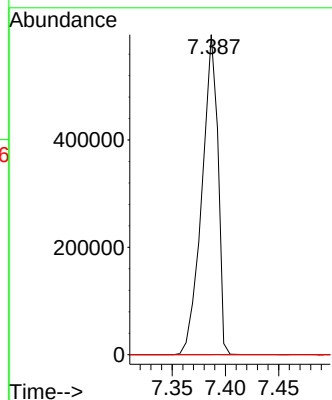
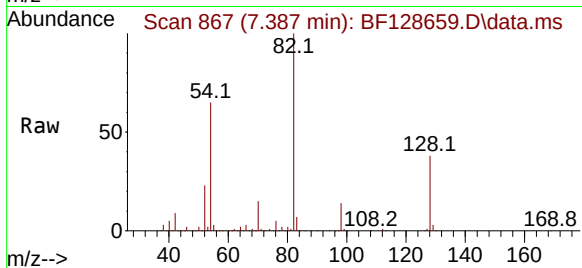




#25
Isophorone
Concen: 43.650 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

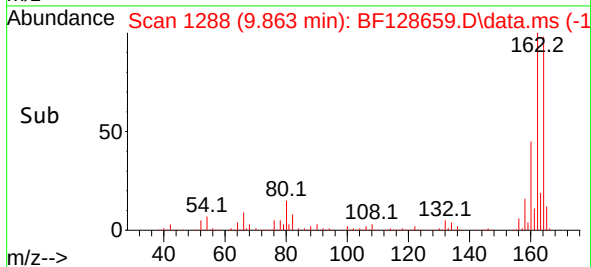
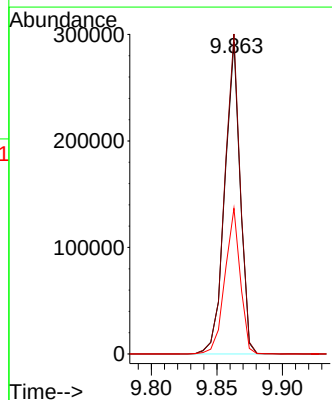
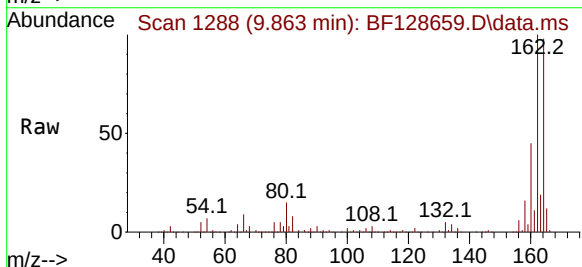
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

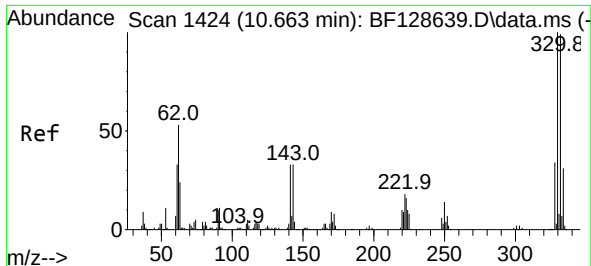
Tgt Ion: 82 Resp: 624639
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

Tgt Ion:164 Resp: 238791
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 46.7 34.2 51.4

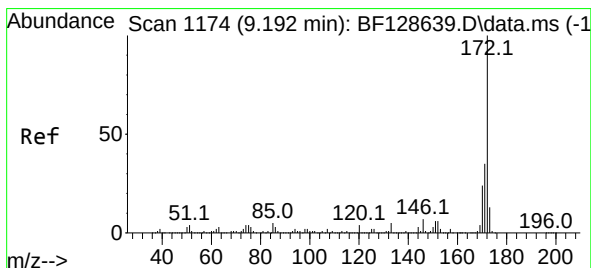
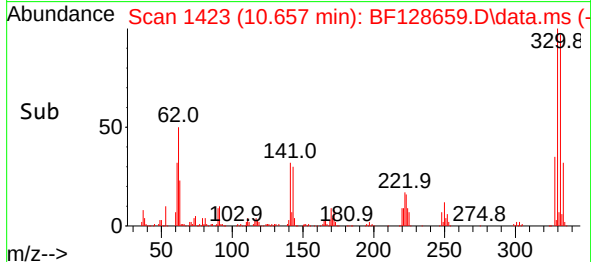
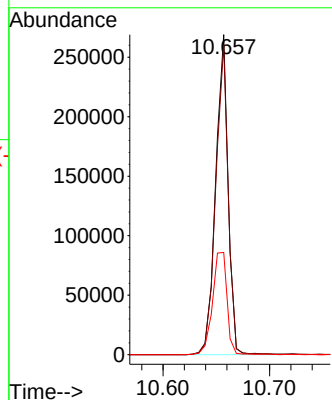
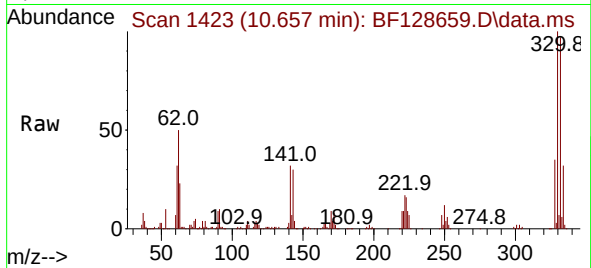




#42
2,4,6-Tribromophenol
Concen: 77.338 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

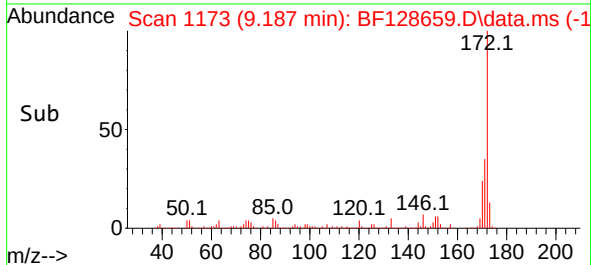
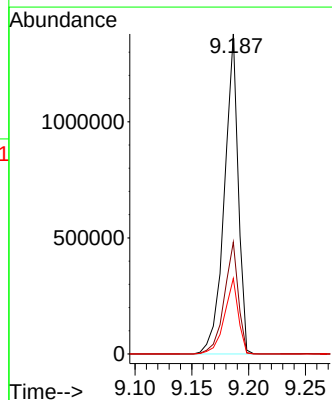
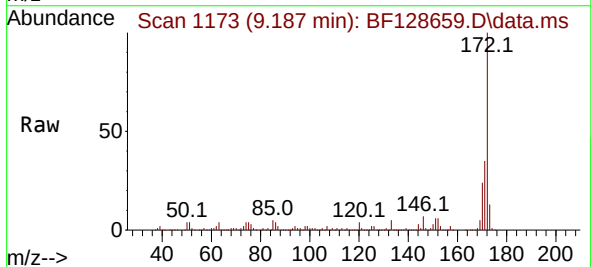
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

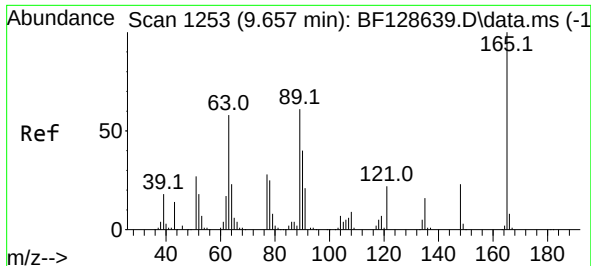
Tgt Ion:330 Resp: 218203
Ion Ratio Lower Upper
330 100
332 97.0 76.8 115.2
141 37.4 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 68.735 ng
RT: 9.187 min Scan# 1173
Delta R.T. -0.005 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

Tgt Ion:172 Resp: 1171702
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.6 19.8 29.8

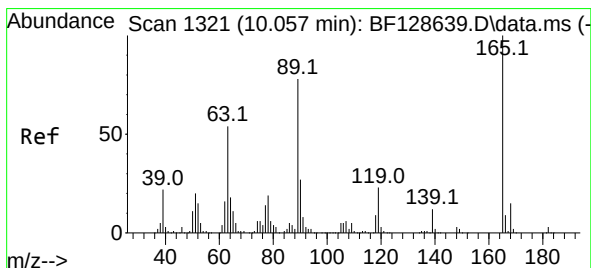
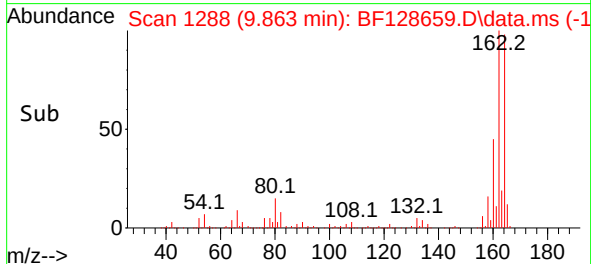
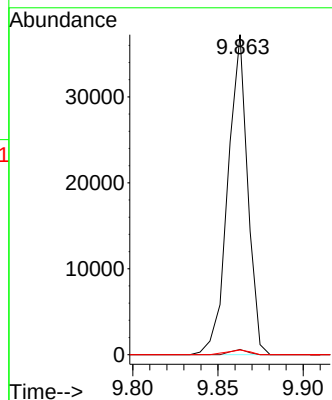
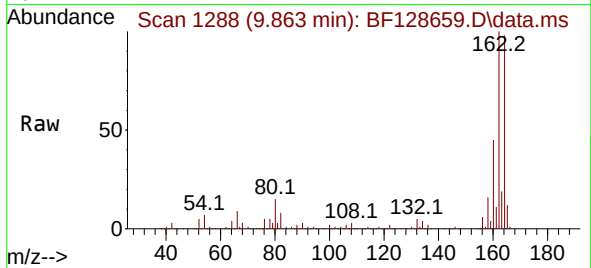




#51
2,6-Dinitrotoluene
Concen: 9.330 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

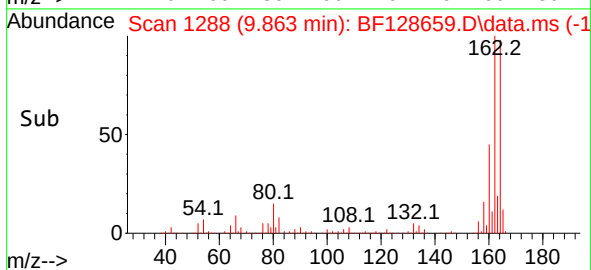
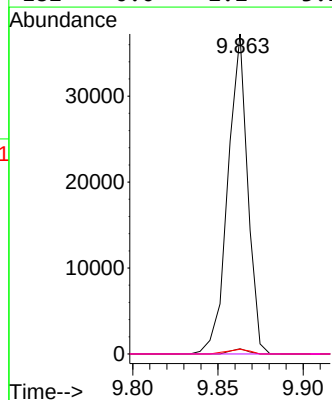
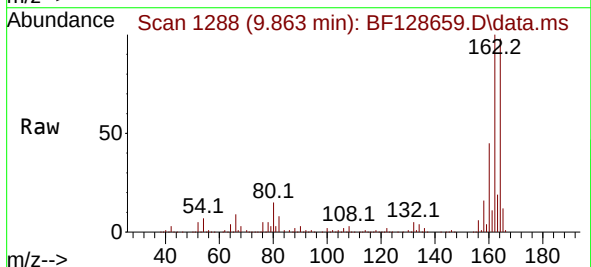
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

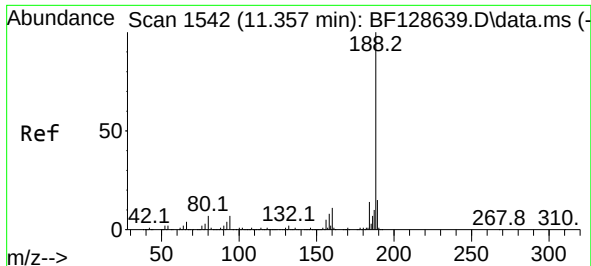
Tgt Ion:165 Resp: 30099
Ion Ratio Lower Upper
165 100
63 1.7 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.991 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

Tgt Ion:165 Resp: 30099
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#

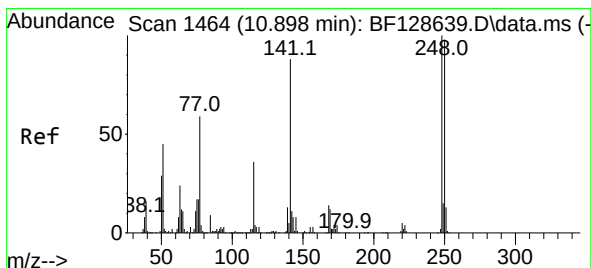
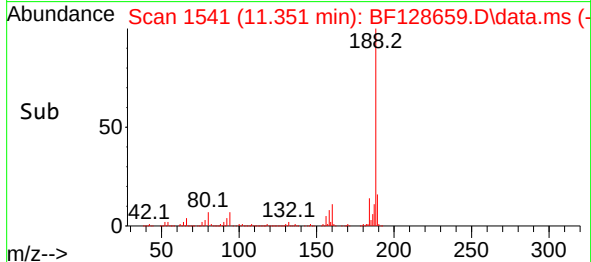
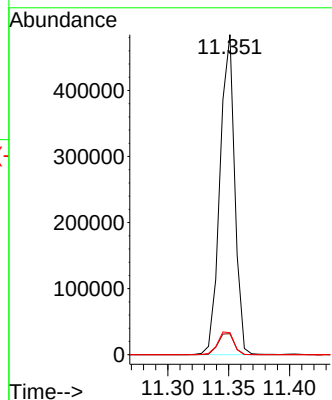
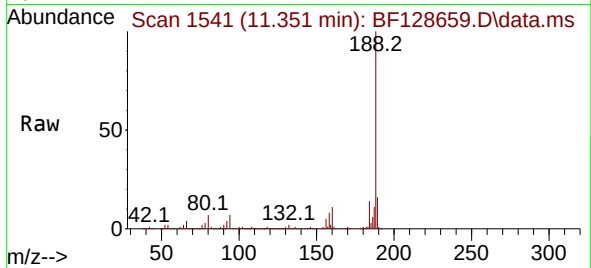




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

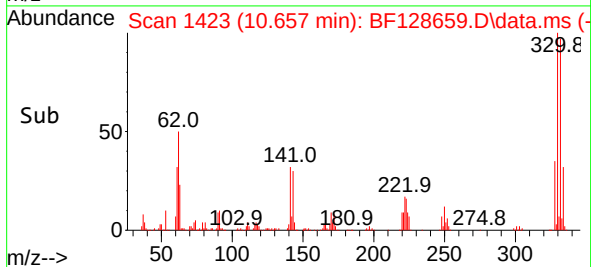
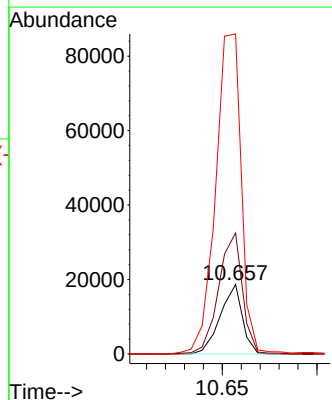
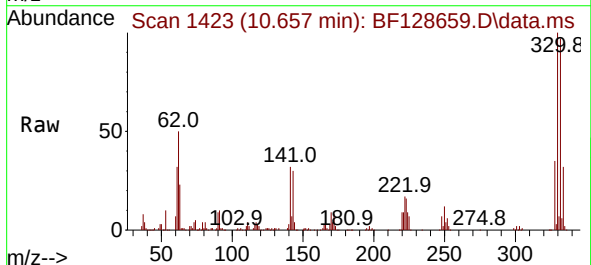
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

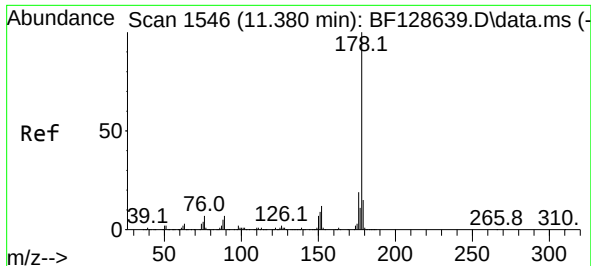
Tgt Ion:188 Resp: 410315
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6#
80 6.9 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 3.320 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.241 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

Tgt Ion:248 Resp: 15193
Ion Ratio Lower Upper
248 100
250 174.3 80.6 120.8#
141 461.1 58.9 88.3#

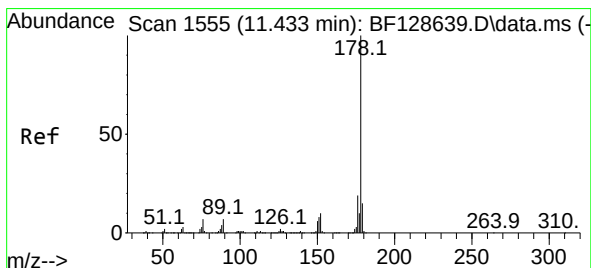
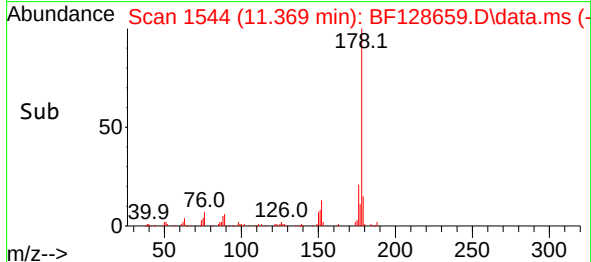
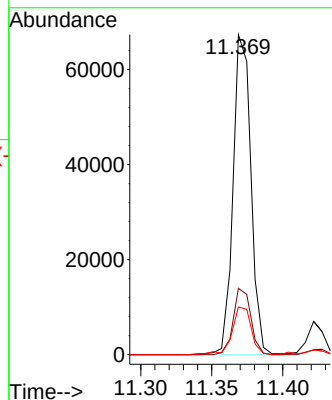
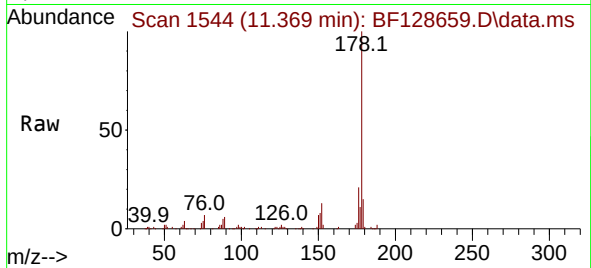




#71
Phenanthrene
Concen: 2.861 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

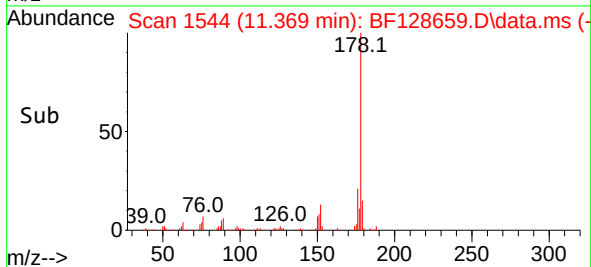
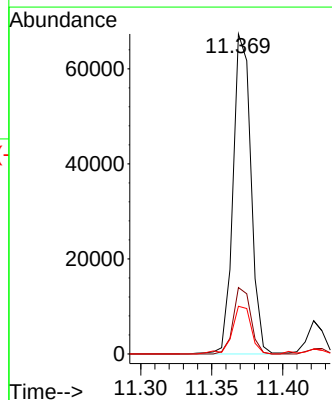
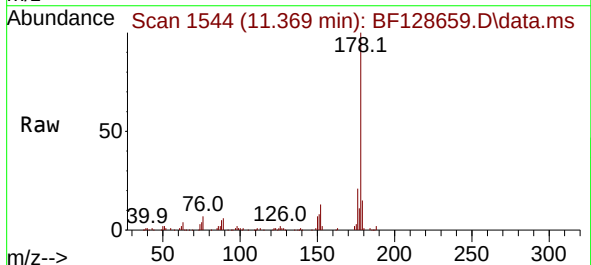
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

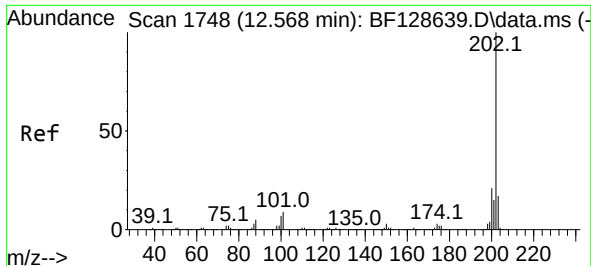
Tgt Ion:178 Resp: 58873
Ion Ratio Lower Upper
178 100
176 20.8 16.0 24.0
179 14.9 12.6 19.0



#72
Anthracene
Concen: 2.890 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.065 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

Tgt Ion:178 Resp: 58873
Ion Ratio Lower Upper
178 100
176 20.8 15.4 23.2
179 14.9 12.6 19.0

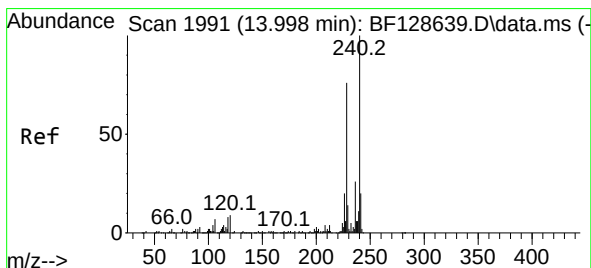
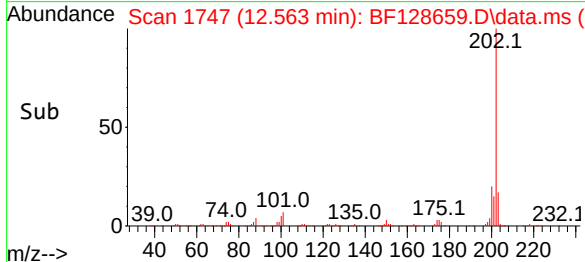
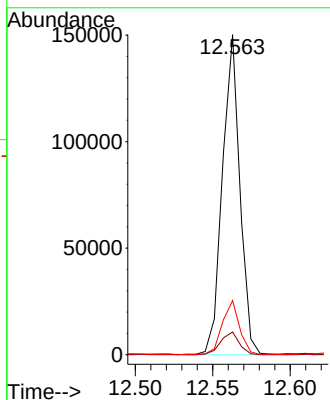
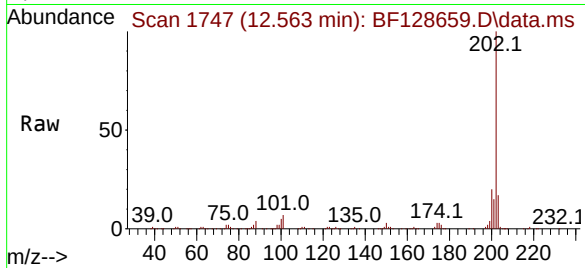




#75
Fluoranthene
Concen: 5.478 ng
RT: 12.563 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

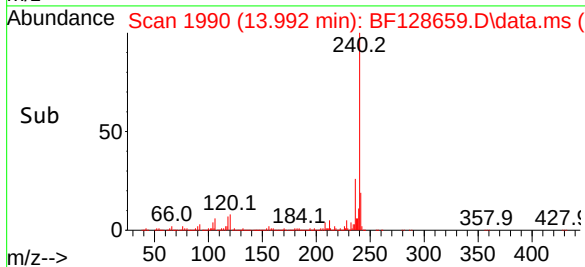
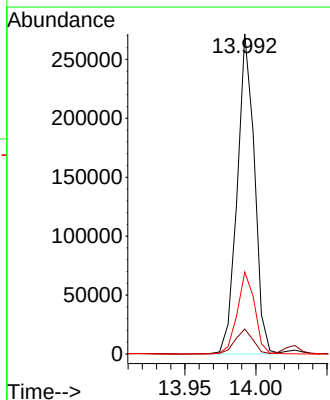
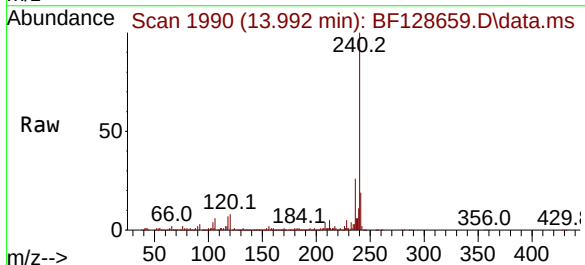
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

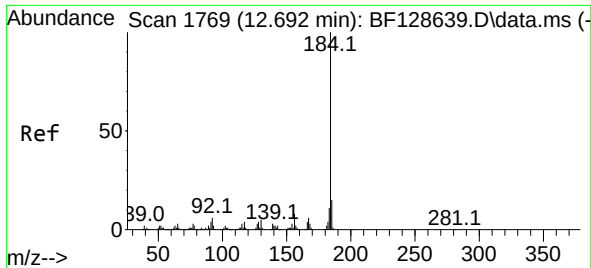
Tgt Ion:202 Resp: 117855
Ion Ratio Lower Upper
202 100
101 7.1 0.0 31.4
203 16.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

Tgt Ion:240 Resp: 229934
Ion Ratio Lower Upper
240 100
120 7.8 8.9 13.3#
236 25.6 20.8 31.2

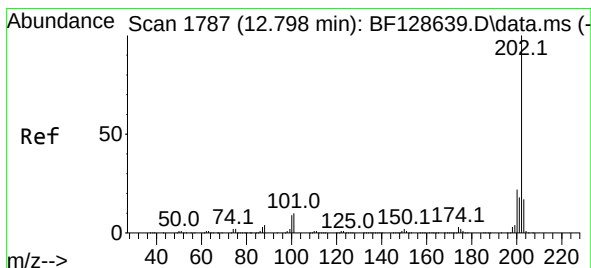
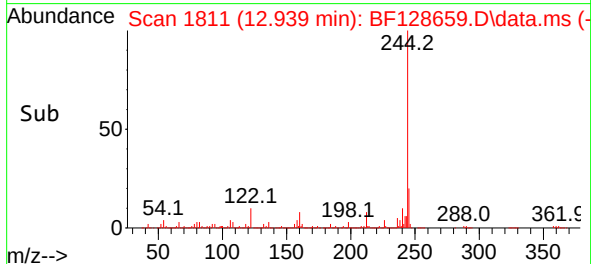
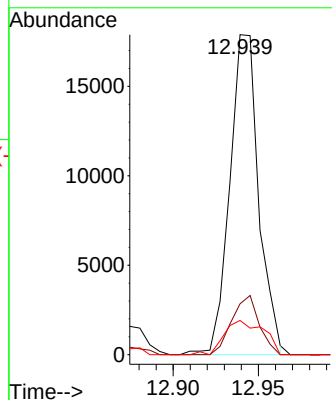
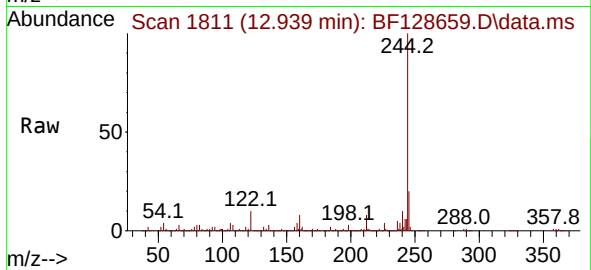




#77
Benzidine
Concen: 4.615 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

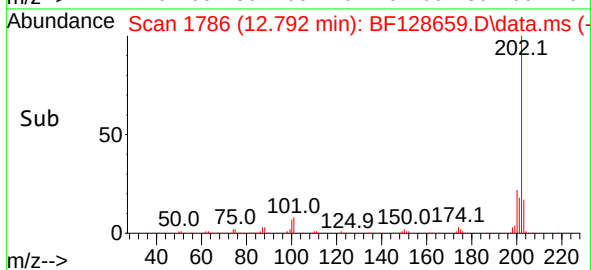
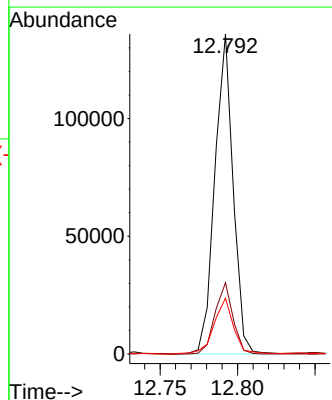
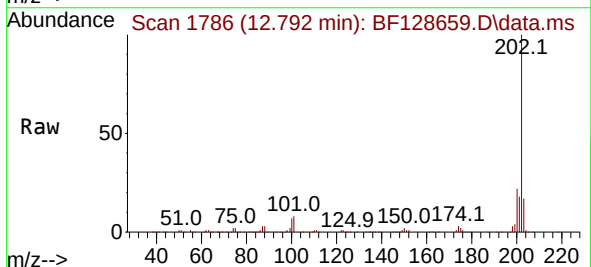
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

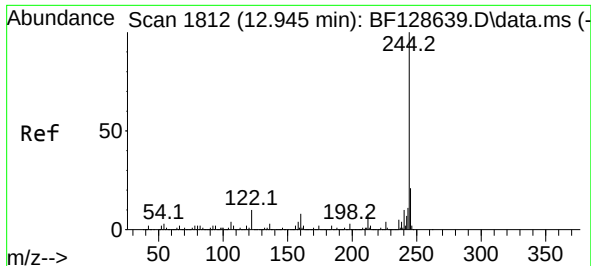
Tgt Ion:184 Resp: 21152
Ion Ratio Lower Upper
184 100
185 15.9 11.9 17.9
183 10.7 9.3 13.9



#78
Pyrene
Concen: 6.524 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

Tgt Ion:202 Resp: 111607
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 17.4 14.6 21.8

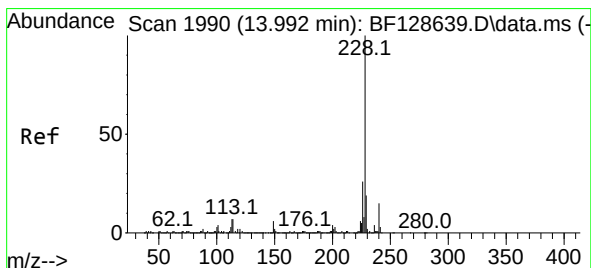
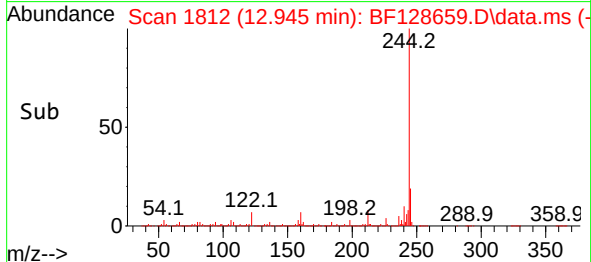
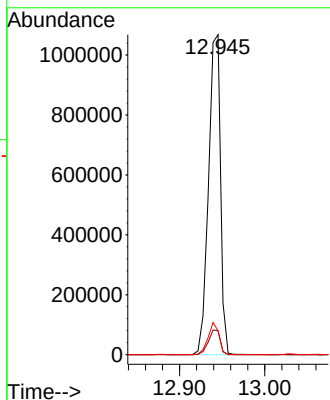
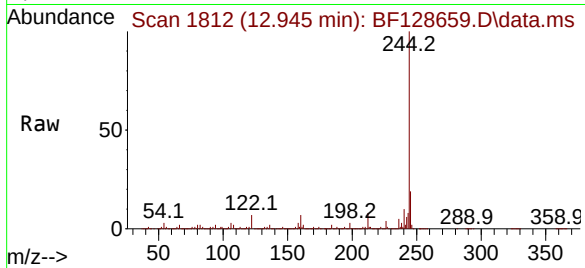




#79
 Terphenyl-d14
 Concen: 78.803 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. 0.000 min
 Lab File: BF128659.D
 Acq: 03 Jun 2022 01:39

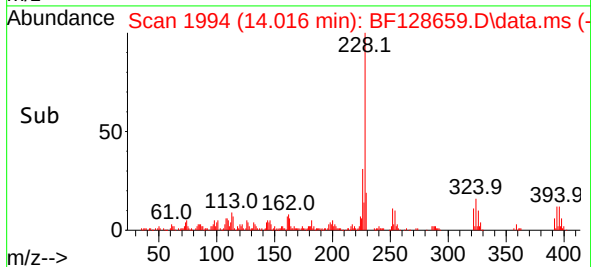
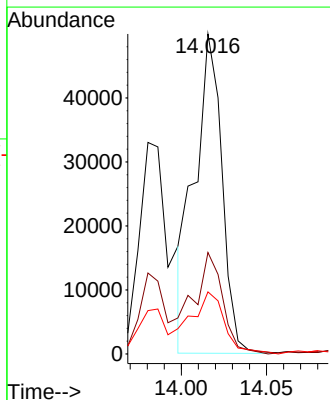
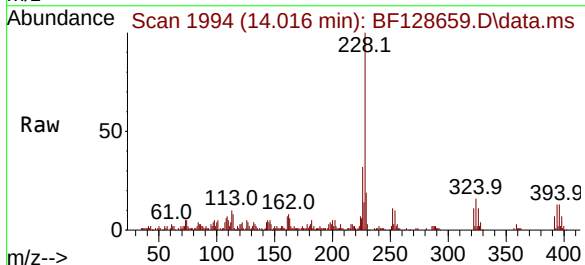
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-1218-01

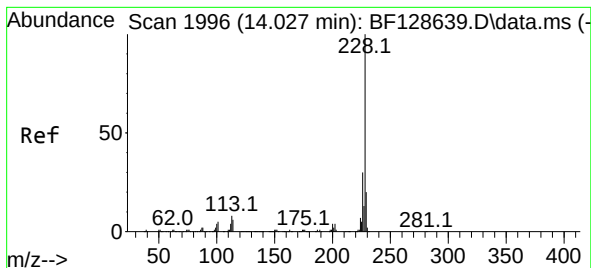
Tgt Ion:244 Resp: 1042773
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 7.4 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 3.891 ng
 RT: 14.016 min Scan# 1994
 Delta R.T. 0.024 min
 Lab File: BF128659.D
 Acq: 03 Jun 2022 01:39

Tgt Ion:228 Resp: 55768
 Ion Ratio Lower Upper
 228 100
 226 31.7 22.1 33.1
 229 19.4 15.8 23.8





#83

Chrysene

Concen: 4.081 ng

RT: 14.016 min Scan# 1996

Delta R.T. -0.012 min

Lab File: BF128659.D

Acq: 03 Jun 2022 01:39

Instrument :

BNA_F

ClientSampleId :

P021-SS001-1218-01

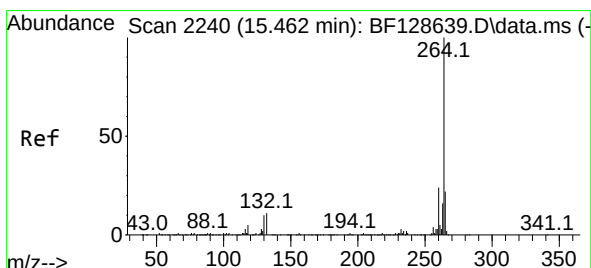
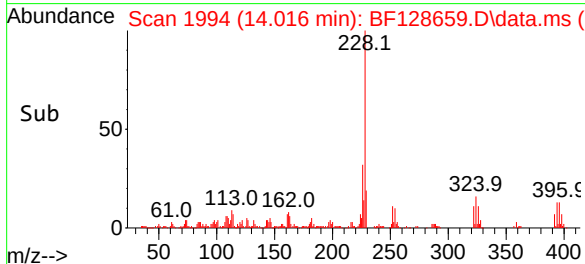
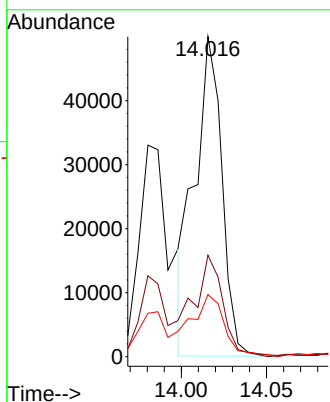
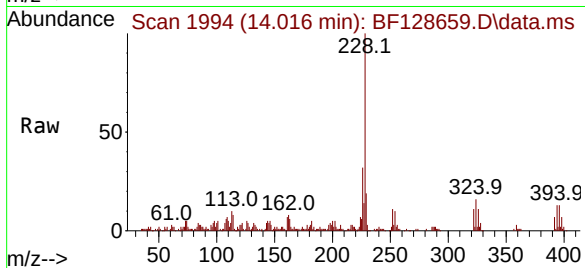
Tgt Ion:228 Resp: 55768

Ion Ratio Lower Upper

228 100

226 31.7 24.3 36.5

229 19.4 15.9 23.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2239

Delta R.T. -0.005 min

Lab File: BF128659.D

Acq: 03 Jun 2022 01:39

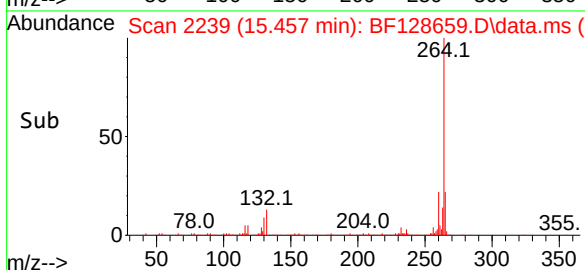
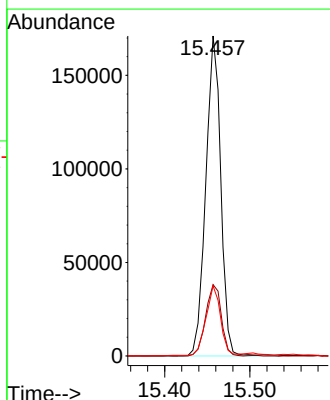
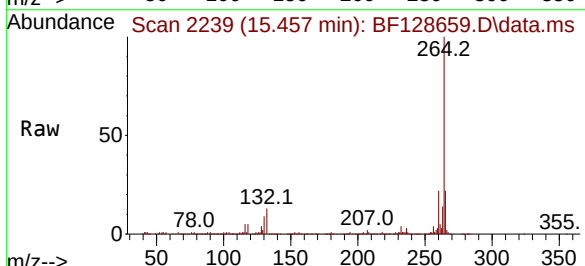
Tgt Ion:264 Resp: 208655

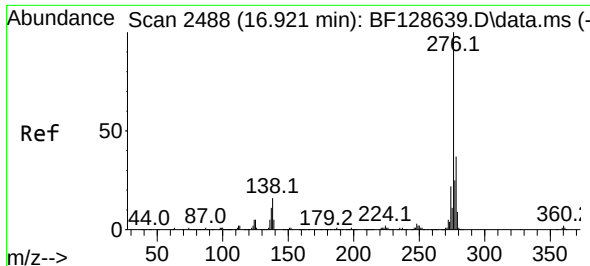
Ion Ratio Lower Upper

264 100

260 22.3 18.4 27.6

265 21.9 17.2 25.8

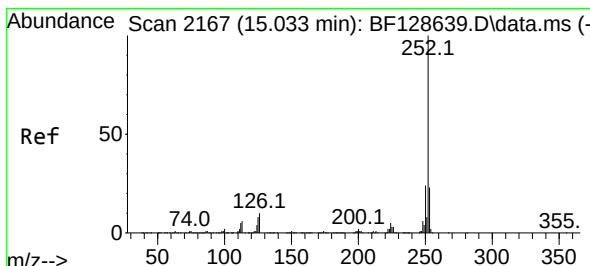
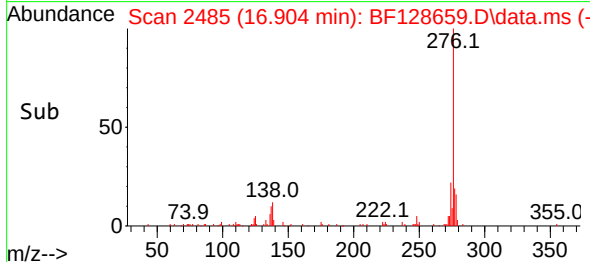
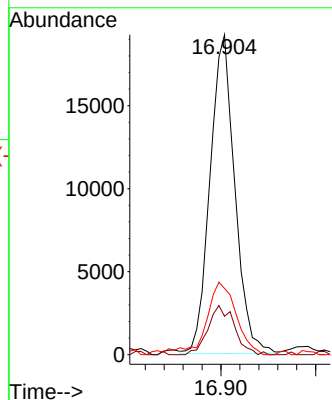
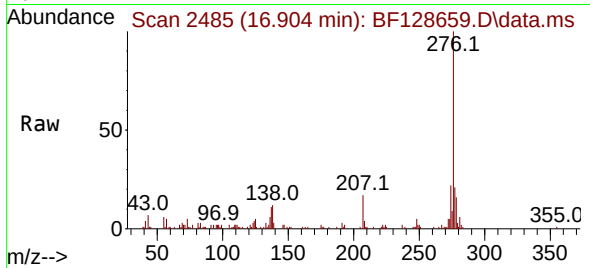




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.773 ng
 RT: 16.904 min Scan# 2488
 Delta R.T. -0.017 min
 Lab File: BF128659.D
 Acq: 03 Jun 2022 01:39

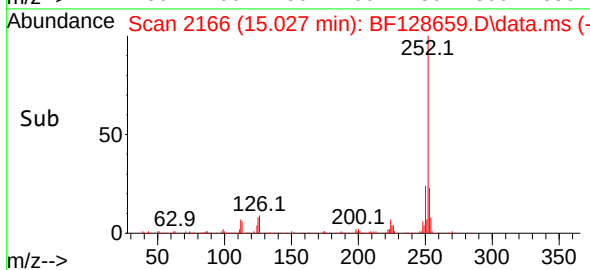
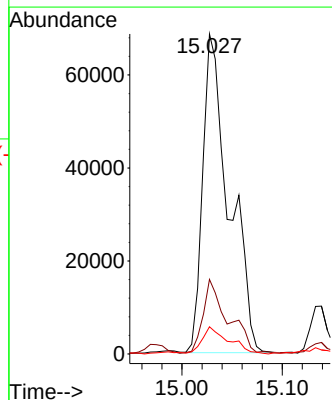
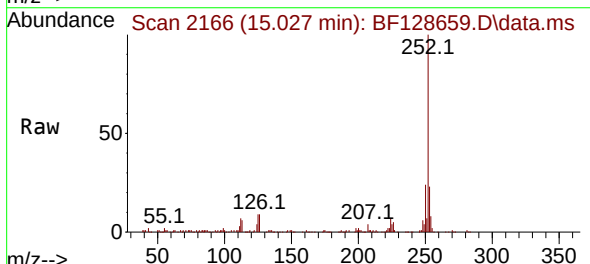
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-1218-01

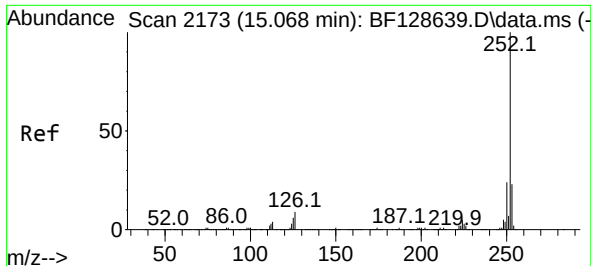
Tgt Ion:276 Resp: 34878
 Ion Ratio Lower Upper
 276 100
 138 16.5 21.1 31.7#
 277 27.9 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 9.384 ng
 RT: 15.027 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: BF128659.D
 Acq: 03 Jun 2022 01:39

Tgt Ion:252 Resp: 125116
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.7 26.5
 125 8.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 9.976 ng

RT: 15.027 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF128659.D

Acq: 03 Jun 2022 01:39

Instrument :

BNA_F

ClientSampleId :

P021-SS001-1218-01

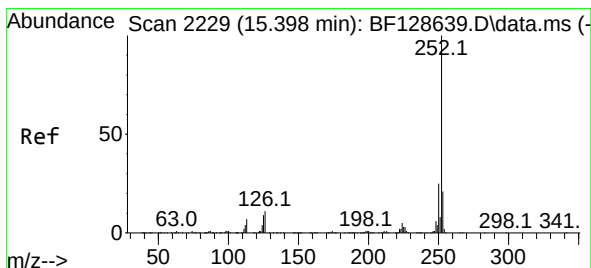
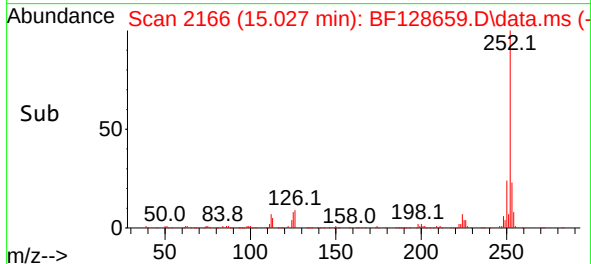
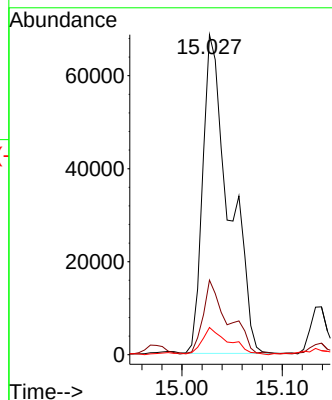
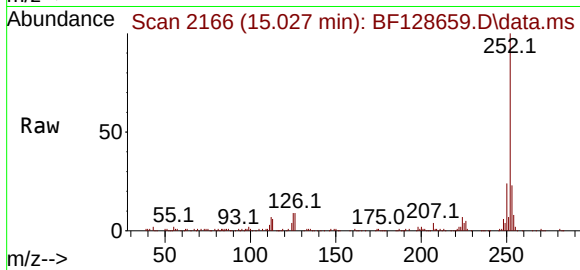
Tgt Ion:252 Resp: 125116

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

125 8.5 8.3 12.5



#90

Benzo(a)pyrene

Concen: 3.916 ng

RT: 15.392 min Scan# 2228

Delta R.T. -0.006 min

Lab File: BF128659.D

Acq: 03 Jun 2022 01:39

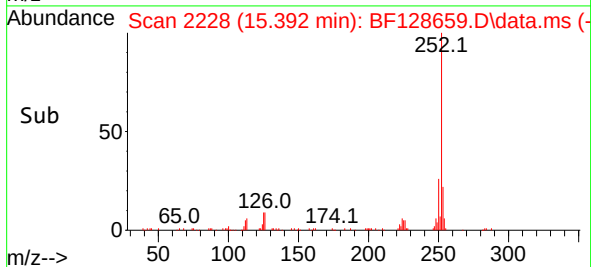
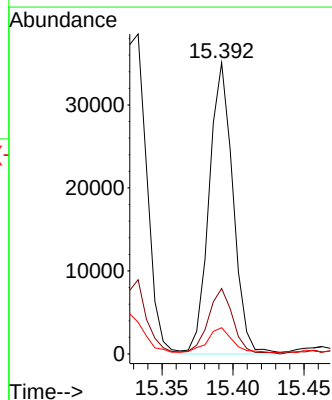
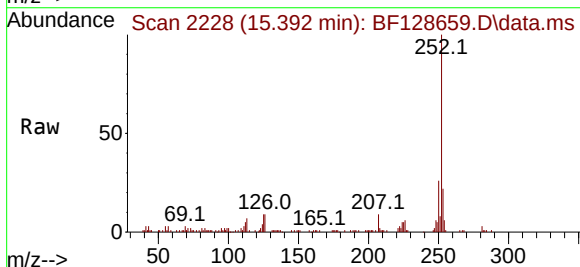
Tgt Ion:252 Resp: 41032

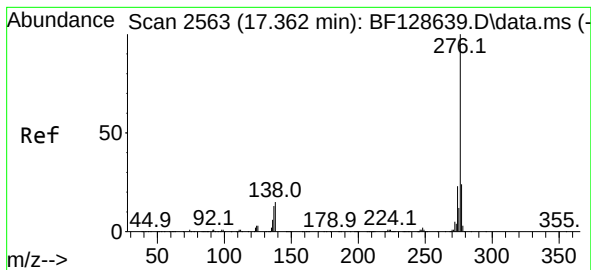
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

125 9.0 8.8 13.2





#92

Benzo(g,h,i)perylene

Concen: 3.225 ng

RT: 17.339 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF128659.D

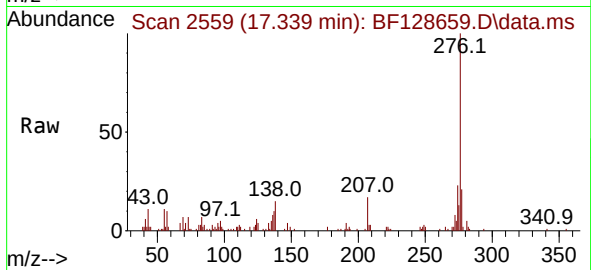
Acq: 03 Jun 2022 01:39

Instrument :

BNA_F

ClientSampleId :

P021-SS001-1218-01



Tgt Ion:276 Resp: 33340

Ion Ratio Lower Upper

276 100

277 21.3 19.1 28.7

138 15.0 18.0 27.0#

