

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
 Data File : BF128703.D
 Acq On : 06 Jun 2022 18:28
 Operator : CG\JU
 Sample : N3201-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11939

Quant Time: Jun 07 02:43:16 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)

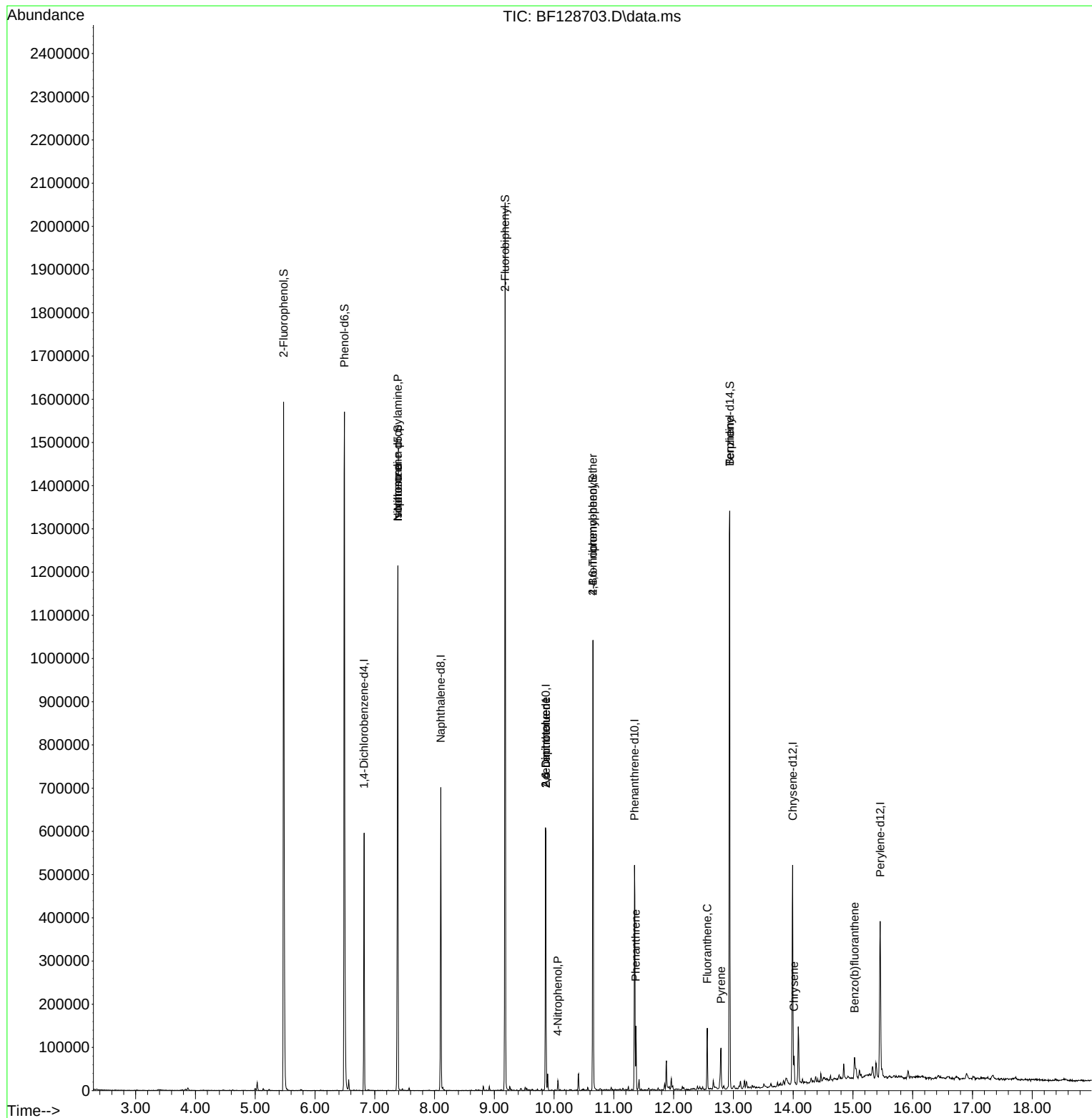
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	68411	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	249396	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	123275	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	183646	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	158291	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	161883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	380157	88.513	ng	0.00
7) Phenol-d6	6.493	99	474530	90.512	ng	0.00
23) Nitrobenzene-d5	7.387	82	348724	65.102	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	101454	69.653	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	538866	61.233	ng	-0.01
79) Terphenyl-d14	12.939	244	446734	49.040	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	49550	15.201	ng	# 79
25) Isophorone	7.387	82	347924	42.766	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	16680	10.016	ng	# 26
56) 4-Nitrophenol	10.063	139	3410	2.603	ng	# 8
57) 2,4-Dinitrotoluene	9.863	165	16680	7.505	ng	# 22
67) 4-Bromophenyl-phenylether	10.651	248	6666	3.255	ng	# 1
71) Phenanthrene	11.369	178	46853	5.086	ng	99
75) Fluoranthene	12.563	202	52897	5.494	ng	93
77) Benzidine	12.939	184	7419	2.351	ng	# 91
78) Pyrene	12.792	202	40856	3.469	ng	98
83) Chrysene	14.016	228	21969	2.335	ng	95
88) Benzo(b)fluoranthene	15.027	252	32579	3.150	ng	96

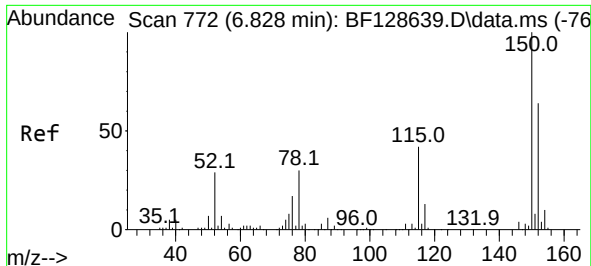
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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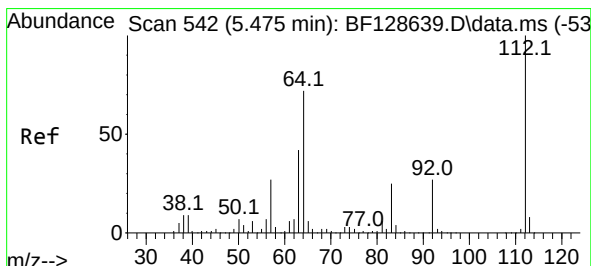
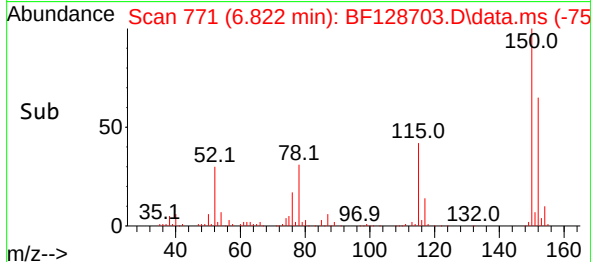
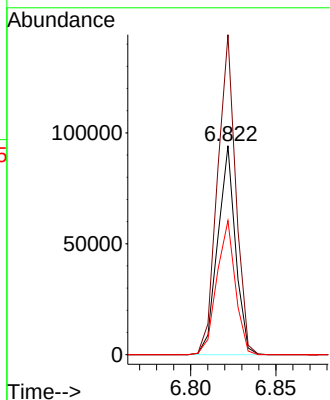
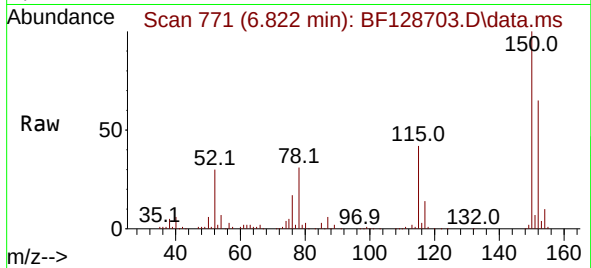




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128703.D
Acq: 06 Jun 2022 18:28

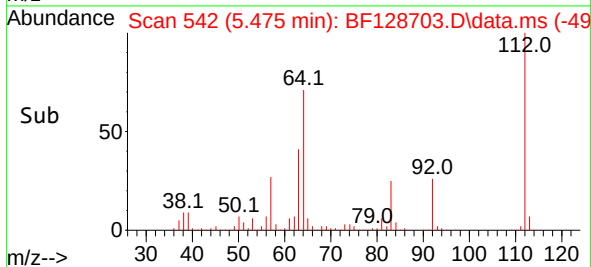
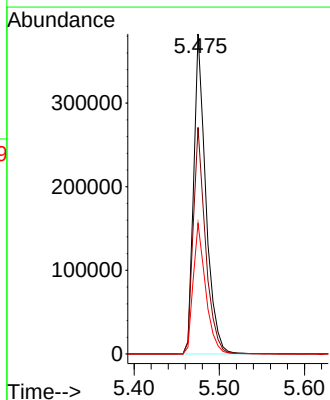
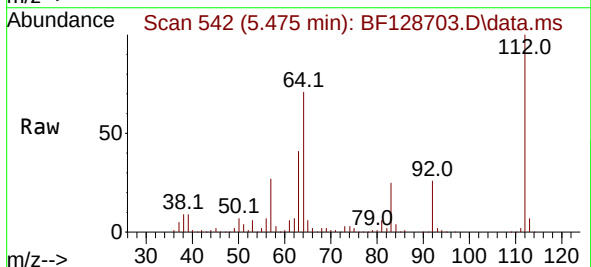
Instrument :
BNA_F
ClientSampleId :
11939

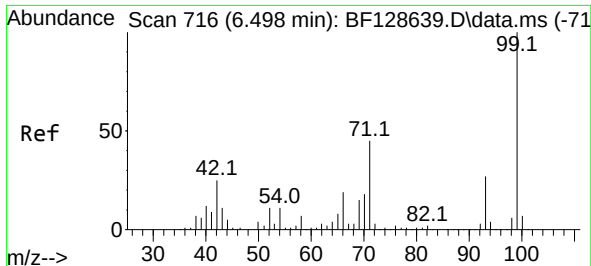
Tgt Ion:152 Resp: 68411
Ion Ratio Lower Upper
152 100
150 153.2 123.7 185.5
115 64.2 49.9 74.9



#5
2-Fluorophenol
Concen: 88.513 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128703.D
Acq: 06 Jun 2022 18:28

Tgt Ion:112 Resp: 380157
Ion Ratio Lower Upper
112 100
64 70.8 53.3 79.9
63 40.9 28.0 42.0

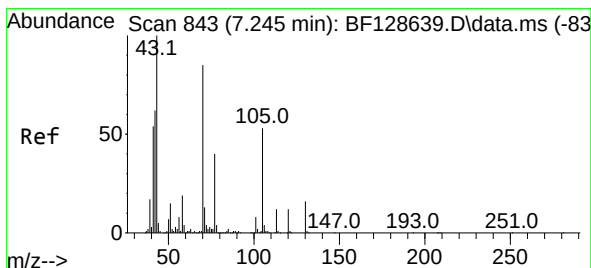
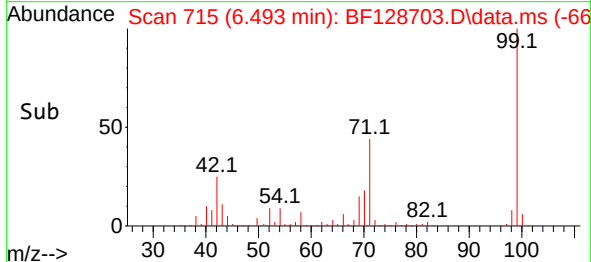
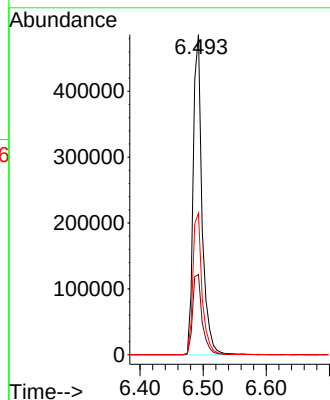
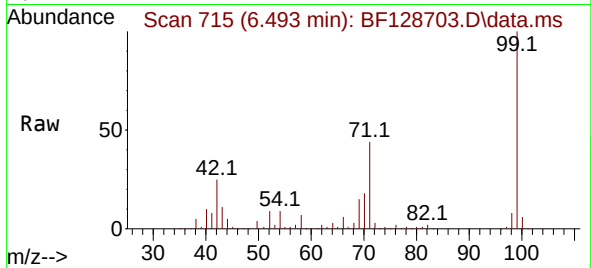




#7
Phenol-d6
Concen: 90.512 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF128703.D
Acq: 06 Jun 2022 18:28

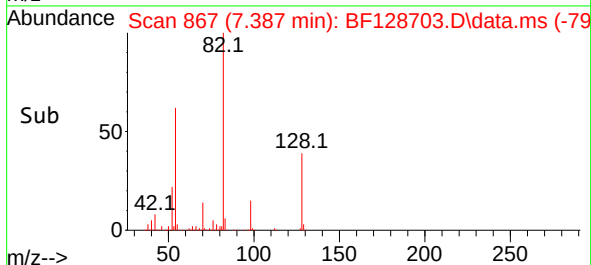
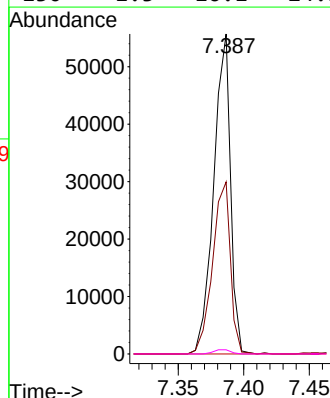
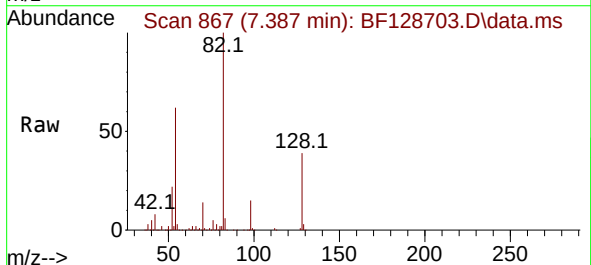
Instrument :
BNA_F
ClientSampleId :
11939

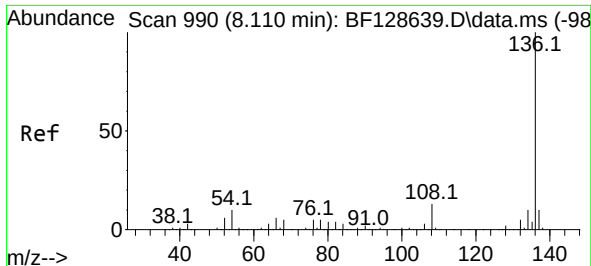
Tgt Ion: 99 Resp: 474530
Ion Ratio Lower Upper
99 100
42 25.1 17.3 25.9
71 44.3 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 15.201 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128703.D
Acq: 06 Jun 2022 18:28

Tgt Ion: 70 Resp: 49550
Ion Ratio Lower Upper
70 100
42 53.7 52.3 78.5
101 0.0 7.5 11.3#
130 1.3 16.1 24.1#

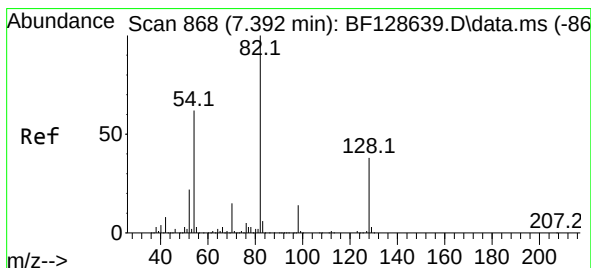
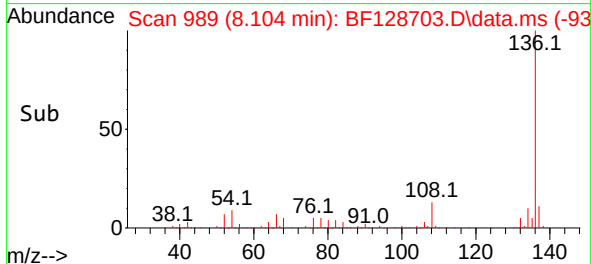
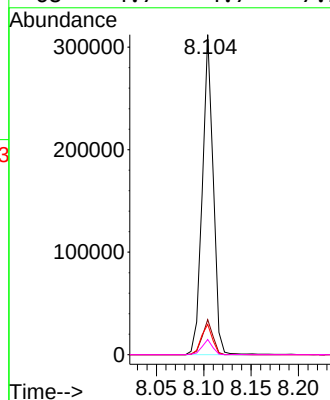
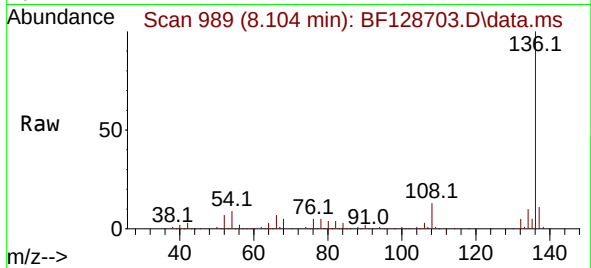




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF128703.D
Acq: 06 Jun 2022 18:28

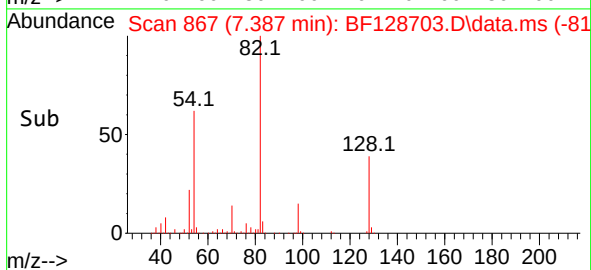
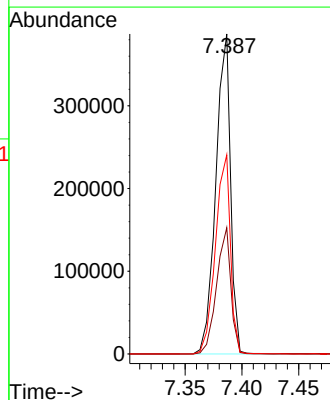
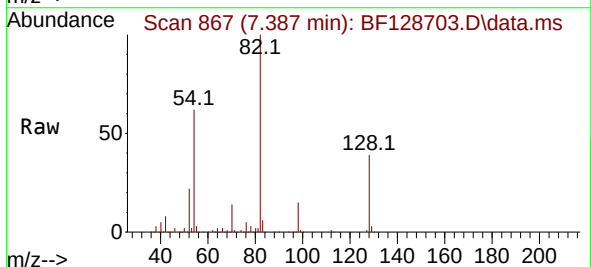
Instrument :
BNA_F
ClientSampleId :
11939

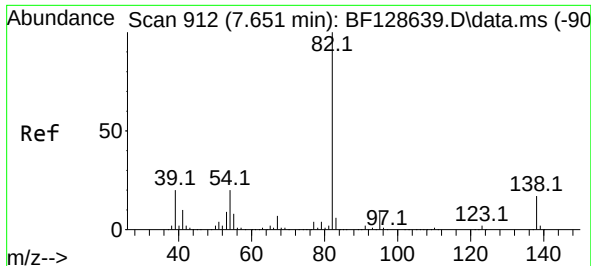
Tgt Ion:136 Resp: 249396
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.5 7.5 11.3
68 4.7 4.7 7.1



#23
Nitrobenzene-d5
Concen: 65.102 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.005 min
Lab File: BF128703.D
Acq: 06 Jun 2022 18:28

Tgt Ion: 82 Resp: 348724
Ion Ratio Lower Upper
82 100
128 39.5 34.0 51.0
54 62.2 46.9 70.3

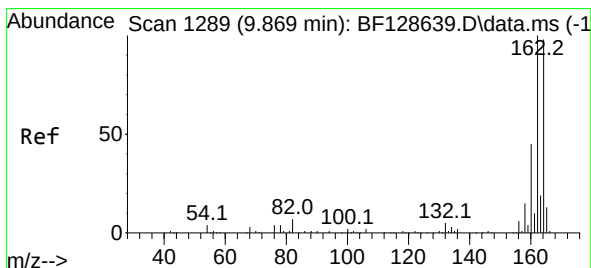
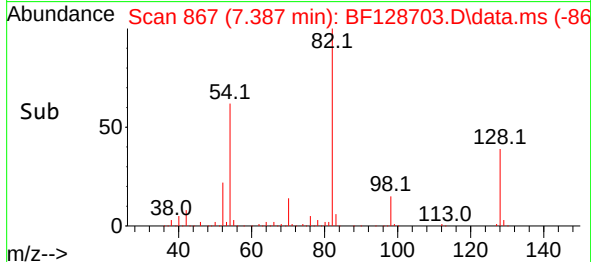
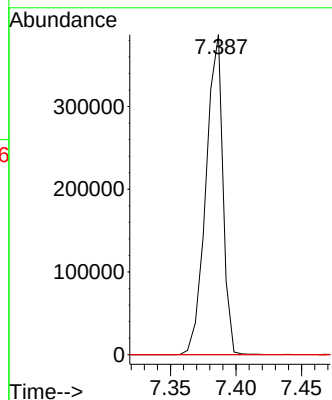
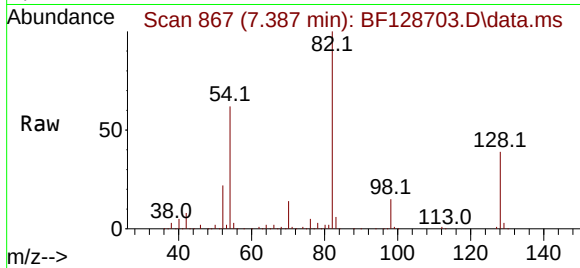




#25
Isophorone
Concen: 42.766 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128703.D
Acq: 06 Jun 2022 18:28

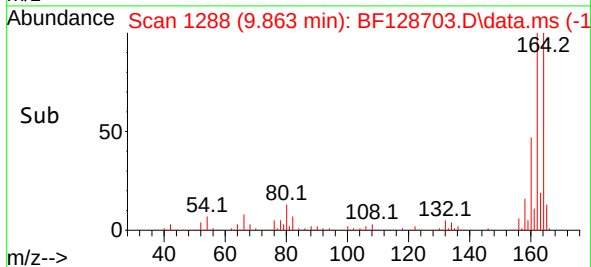
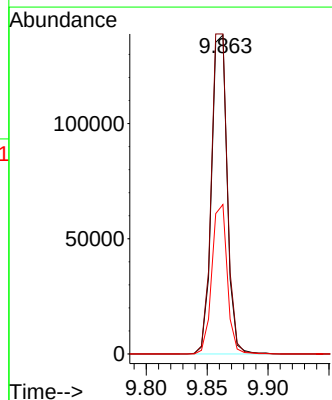
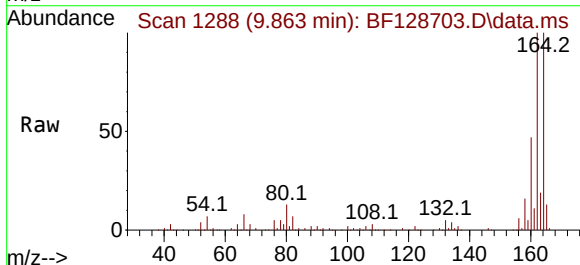
Instrument :
BNA_F
ClientSampleId :
11939

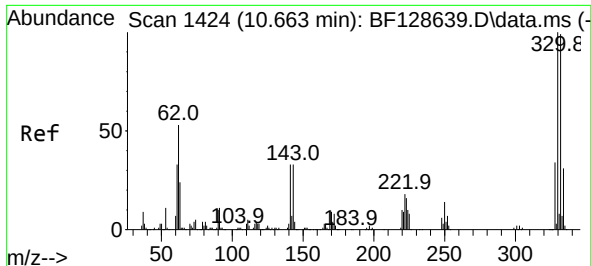
Tgt Ion: 82 Resp: 347924
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128703.D
Acq: 06 Jun 2022 18:28

Tgt Ion:164 Resp: 123275
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 46.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 69.653 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.012 min

Lab File: BF128703.D

Acq: 06 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

11939

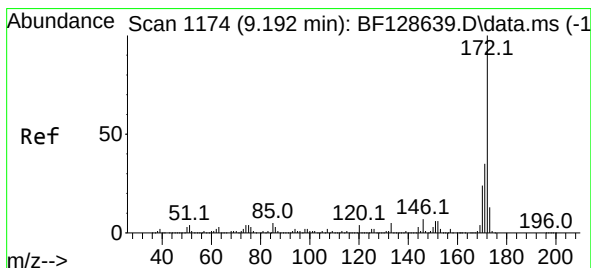
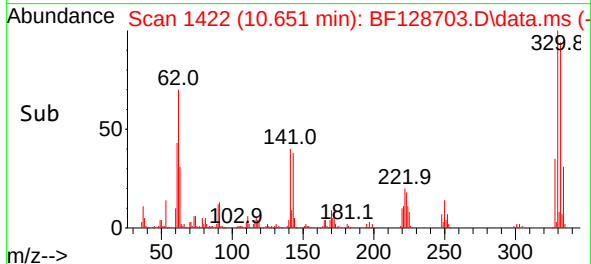
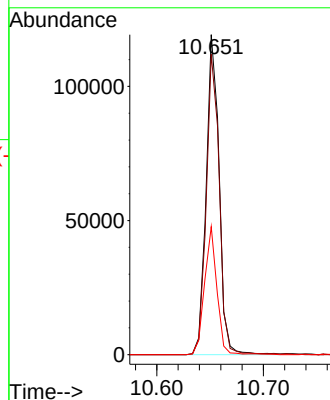
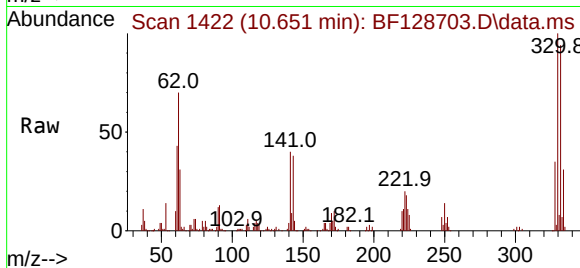
Tgt Ion:330 Resp: 101454

Ion Ratio Lower Upper

330 100

332 94.4 76.8 115.2

141 38.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 61.233 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.011 min

Lab File: BF128703.D

Acq: 06 Jun 2022 18:28

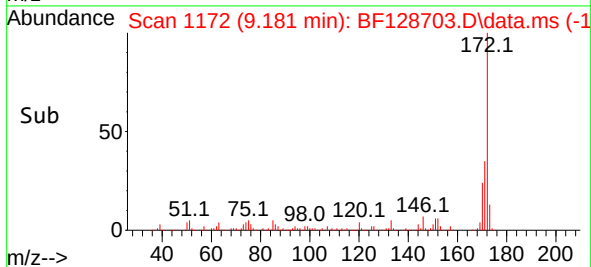
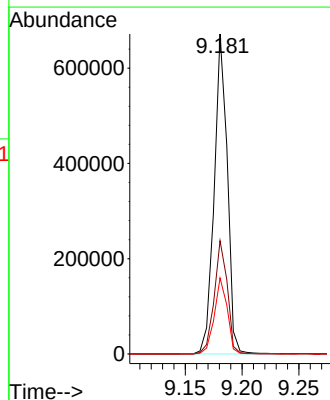
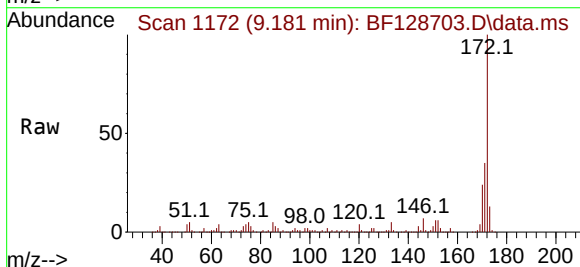
Tgt Ion:172 Resp: 538866

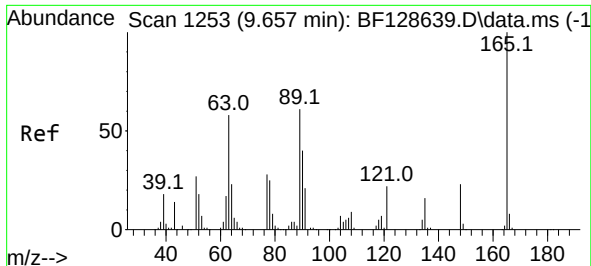
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.016 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128703.D

Acq: 06 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

11939

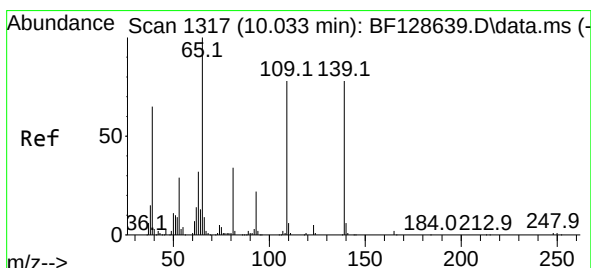
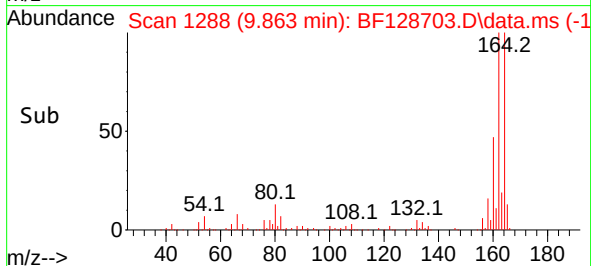
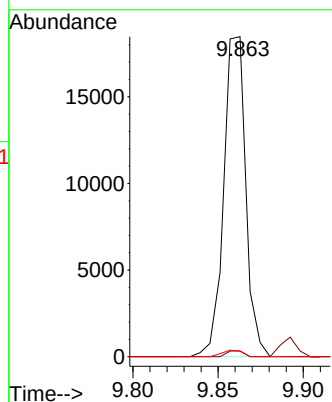
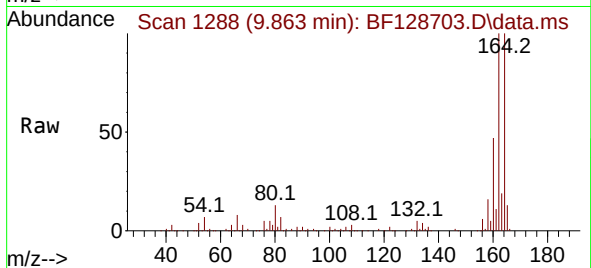
Tgt Ion:165 Resp: 16680

Ion Ratio Lower Upper

165 100

63 1.8 44.9 67.3#

89 1.7 43.6 65.4#



#56

4-Nitrophenol

Concen: 2.603 ng

RT: 10.063 min Scan# 1322

Delta R.T. 0.030 min

Lab File: BF128703.D

Acq: 06 Jun 2022 18:28

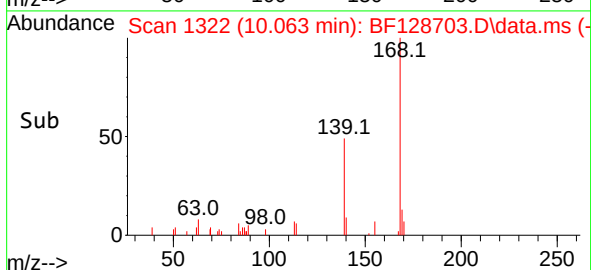
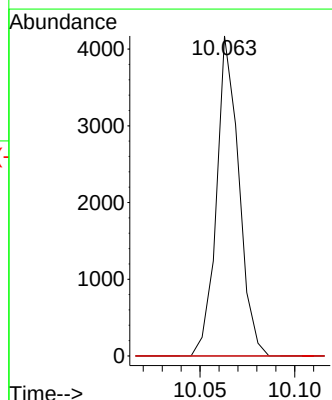
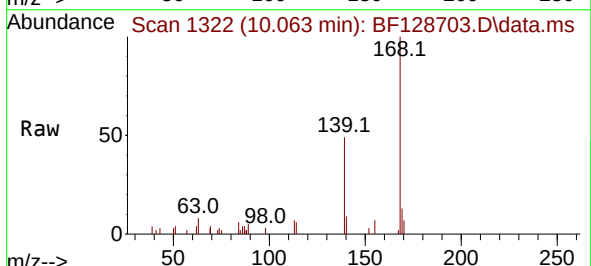
Tgt Ion:139 Resp: 3410

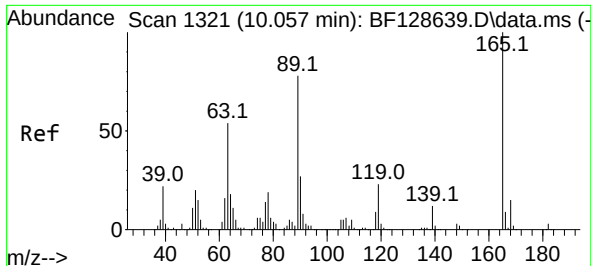
Ion Ratio Lower Upper

139 100

109 0.0 50.7 90.7#

65 0.0 74.5 114.5#

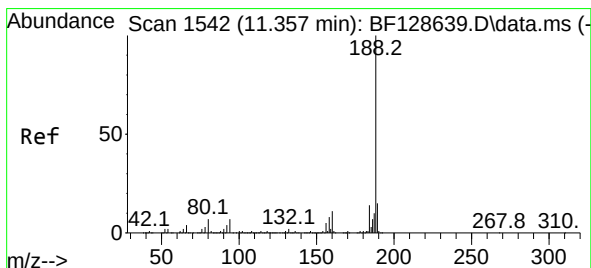
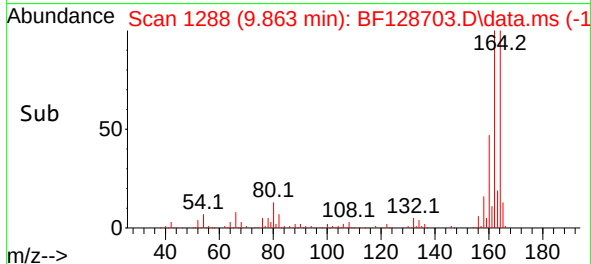
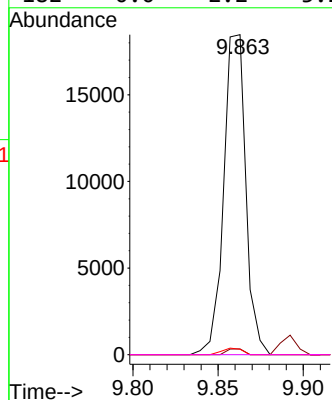
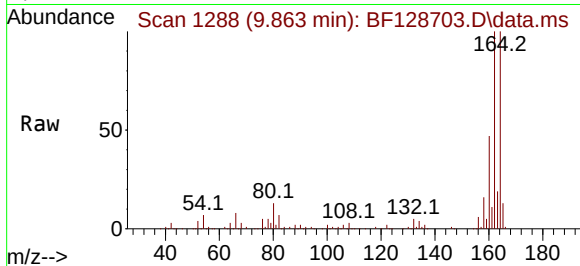




#57
2,4-Dinitrotoluene
Concen: 7.505 ng
RT: 9.863 min Scan# 11939
Delta R.T. -0.194 min
Lab File: BF128703.D
Acq: 06 Jun 2022 18:28

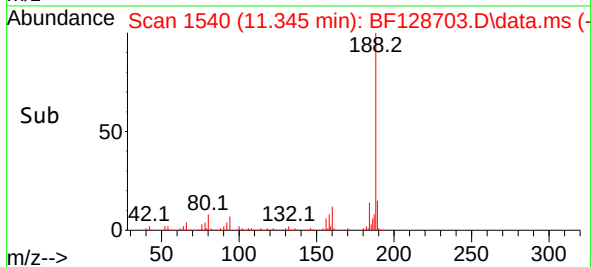
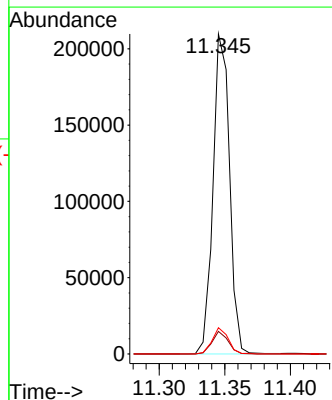
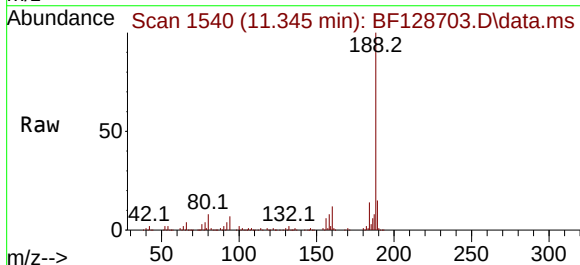
Instrument :
BNA_F
ClientSampleId :
11939

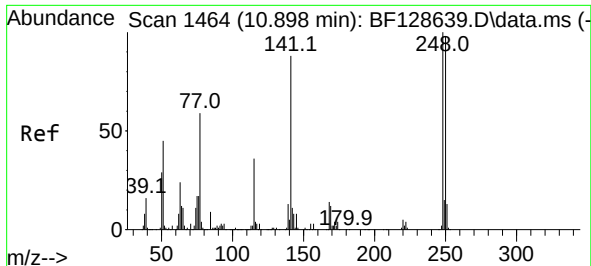
Tgt Ion:165 Resp: 16680
Ion Ratio Lower Upper
165 100
63 1.8 39.8 59.6#
89 1.7 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF128703.D
Acq: 06 Jun 2022 18:28

Tgt Ion:188 Resp: 183646
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6
80 8.2 7.6 11.4

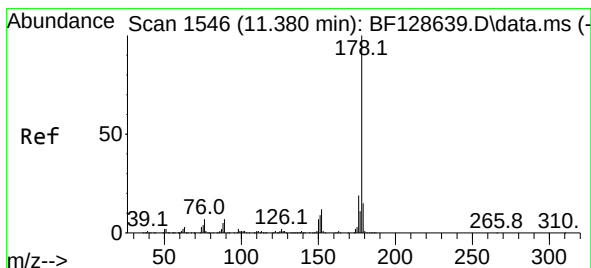
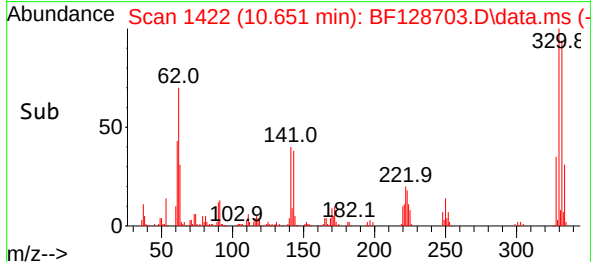
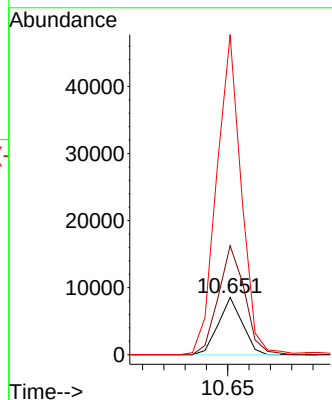
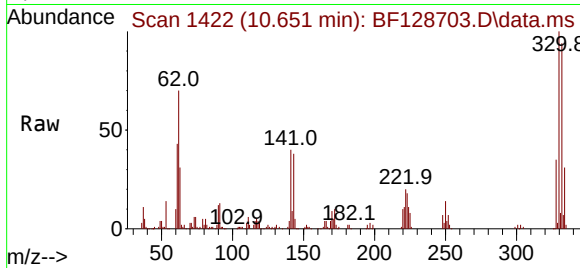




#67
4-Bromophenyl-phenylether
Concen: 3.255 ng
RT: 10.651 min Scan# 1414
Delta R.T. -0.247 min
Lab File: BF128703.D
Acq: 06 Jun 2022 18:28

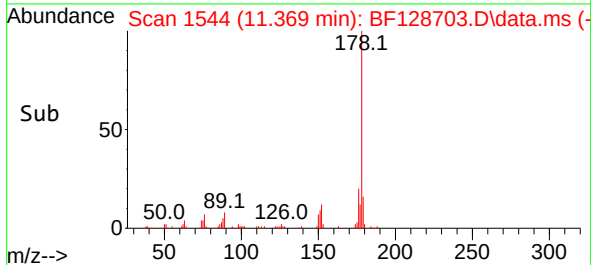
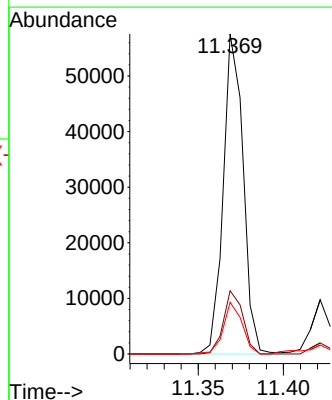
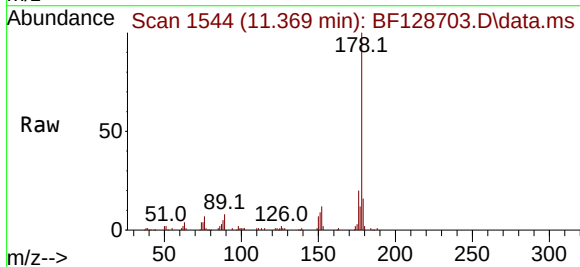
Instrument :
BNA_F
ClientSampleId :
11939

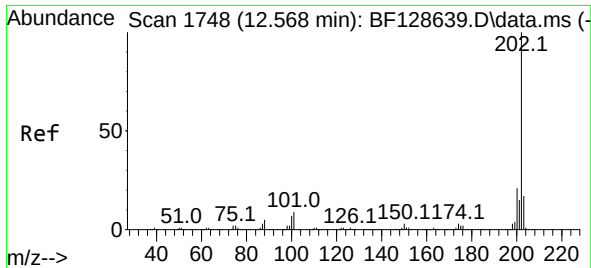
Tgt Ion:248 Resp: 6666
Ion Ratio Lower Upper
248 100
250 190.6 80.6 120.8#
141 559.2 58.9 88.3#



#71
Phenanthrene
Concen: 5.086 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF128703.D
Acq: 06 Jun 2022 18:28

Tgt Ion:178 Resp: 46853
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.1 12.6 19.0

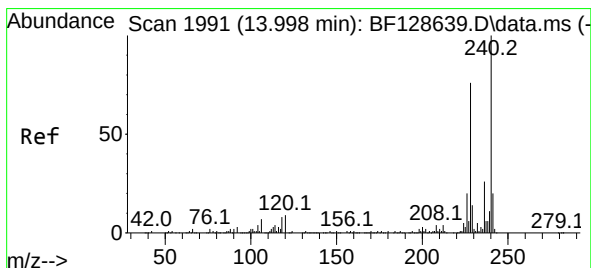
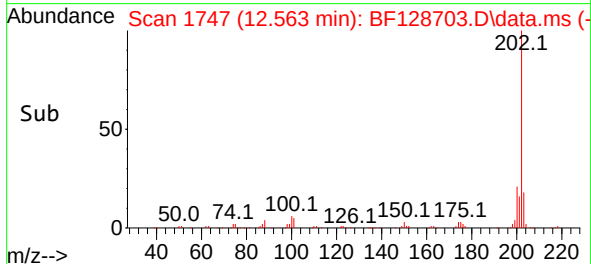
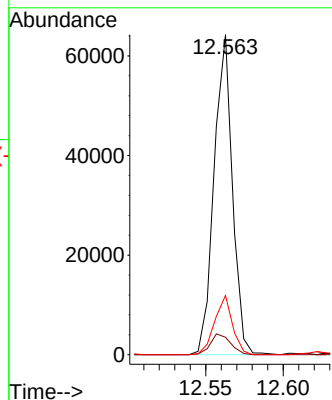
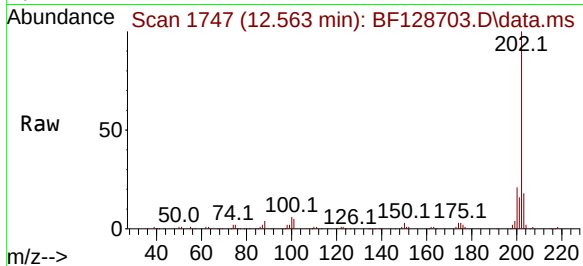




#75
Fluoranthene
Concen: 5.494 ng
RT: 12.563 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128703.D
Acq: 06 Jun 2022 18:28

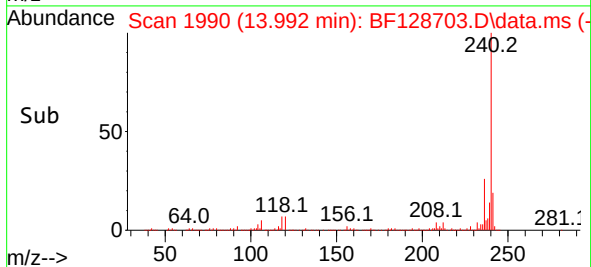
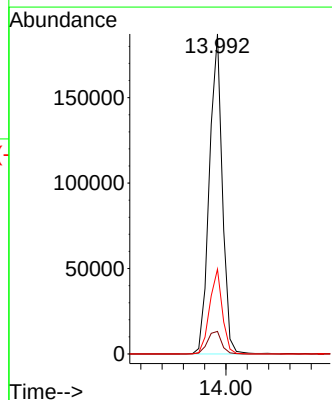
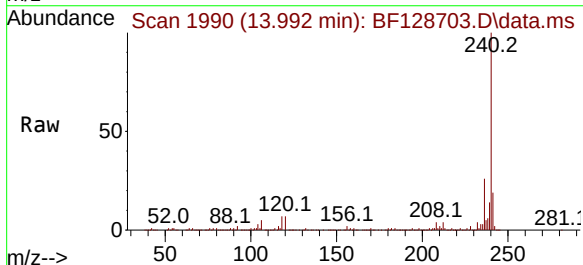
Instrument :
BNA_F
ClientSampleId :
11939

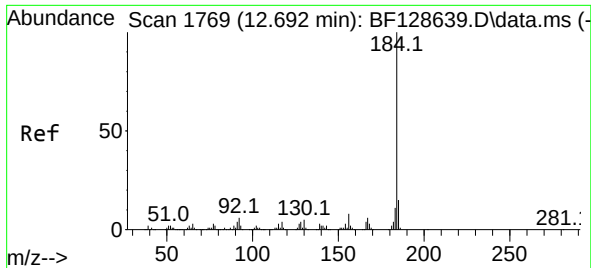
Tgt Ion:202 Resp: 52897
Ion Ratio Lower Upper
202 100
101 5.4 0.0 31.4
203 18.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128703.D
Acq: 06 Jun 2022 18:28

Tgt Ion:240 Resp: 158291
Ion Ratio Lower Upper
240 100
120 7.1 8.9 13.3#
236 26.5 20.8 31.2

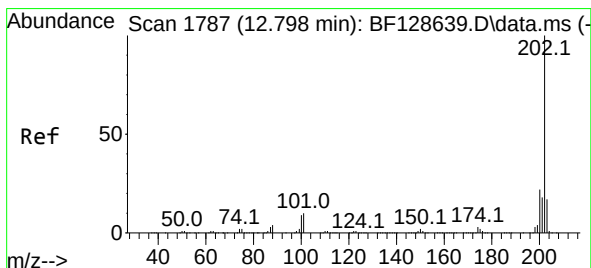
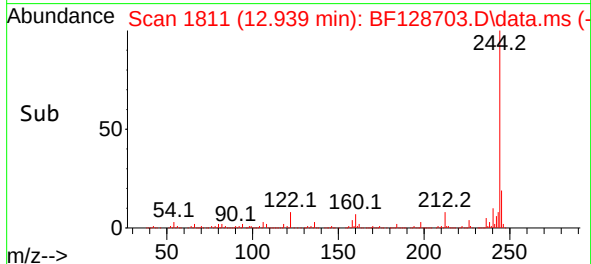
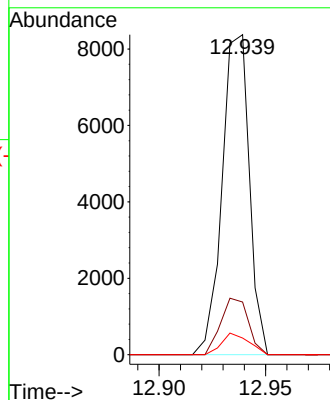
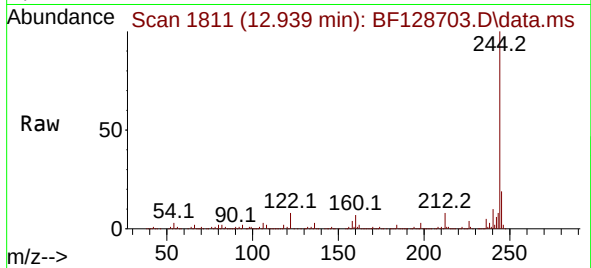




#77
Benzidine
Concen: 2.351 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128703.D
Acq: 06 Jun 2022 18:28

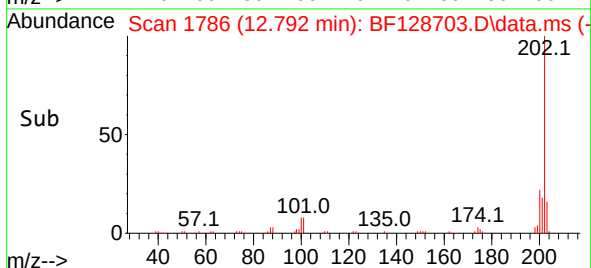
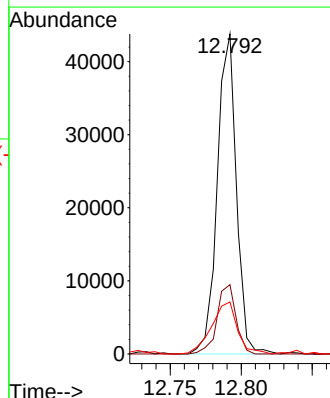
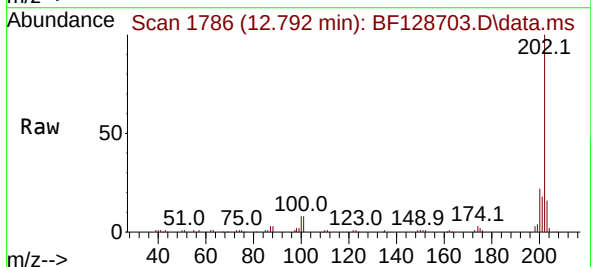
Instrument :
BNA_F
ClientSampleId :
11939

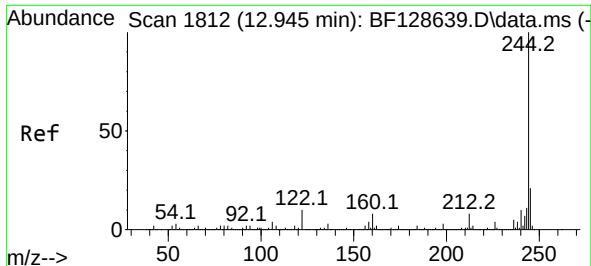
Tgt Ion:184 Resp: 7419
Ion Ratio Lower Upper
184 100
185 16.4 11.9 17.9
183 5.2 9.3 13.9#



#78
Pyrene
Concen: 3.469 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF128703.D
Acq: 06 Jun 2022 18:28

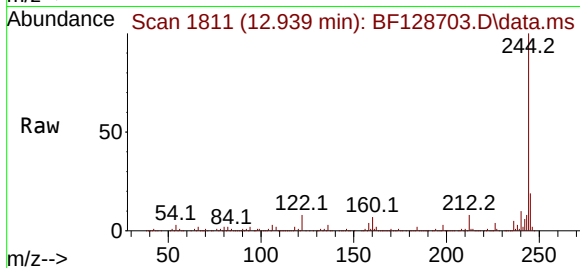
Tgt Ion:202 Resp: 40856
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 16.3 14.6 21.8



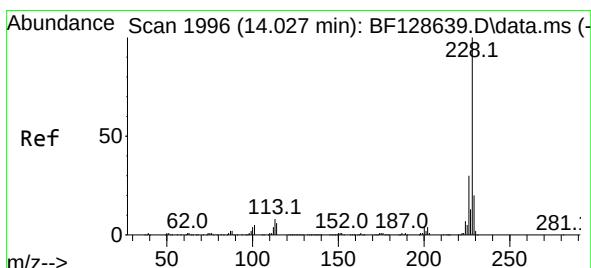
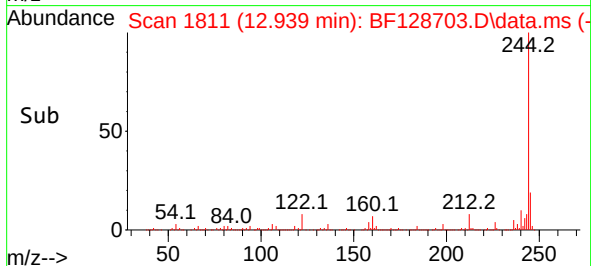
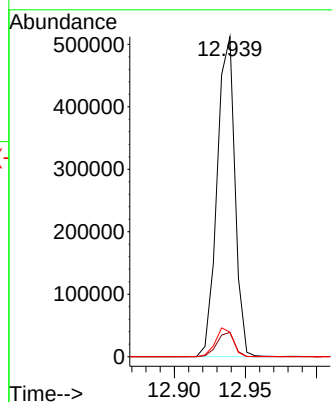


#79
 Terphenyl-d14
 Concen: 49.040 ng
 RT: 12.939 min Scan# 11939
 Delta R.T. -0.006 min
 Lab File: BF128703.D
 Acq: 06 Jun 2022 18:28

Instrument :
 BNA_F
 ClientSampleId :
 11939

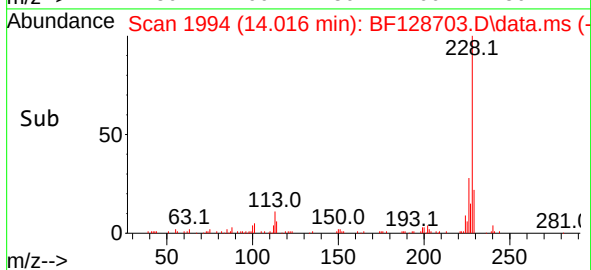
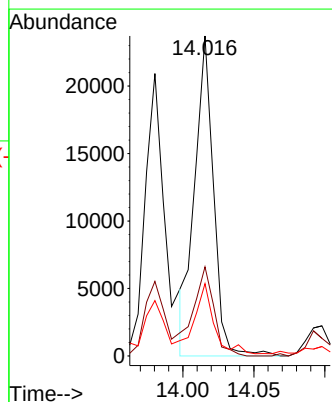
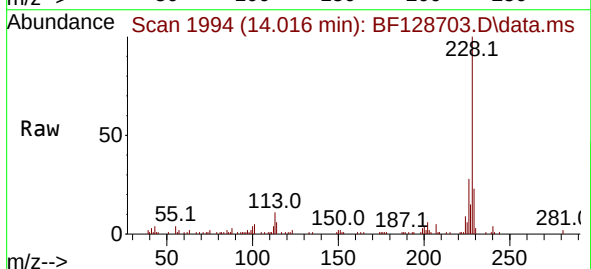


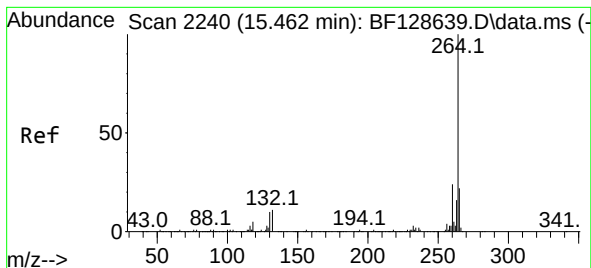
Tgt Ion:244 Resp: 446734
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 7.7 8.8 13.2#



#83
 Chrysene
 Concen: 2.335 ng
 RT: 14.016 min Scan# 1994
 Delta R.T. -0.012 min
 Lab File: BF128703.D
 Acq: 06 Jun 2022 18:28

Tgt Ion:228 Resp: 21969
 Ion Ratio Lower Upper
 228 100
 226 27.8 24.3 36.5
 229 22.6 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2166

Delta R.T. -0.005 min

Lab File: BF128703.D

Acq: 06 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

11939

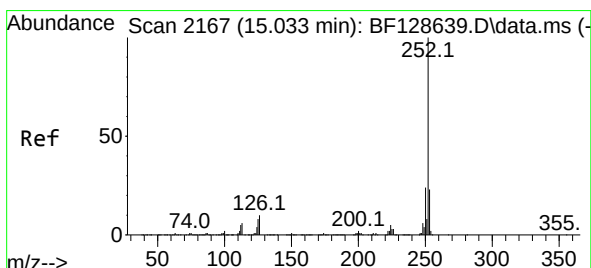
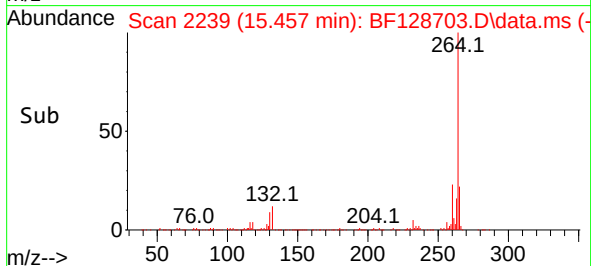
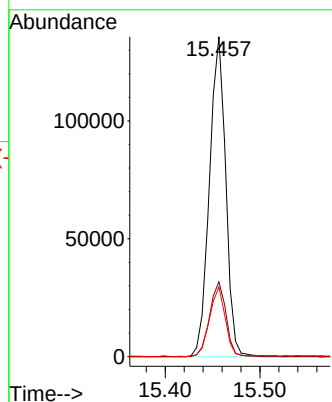
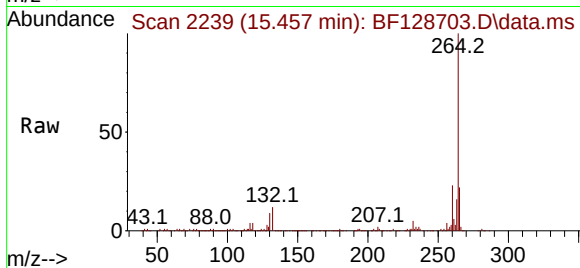
Tgt Ion:264 Resp: 161883

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 21.8 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 3.150 ng

RT: 15.027 min Scan# 2166

Delta R.T. -0.006 min

Lab File: BF128703.D

Acq: 06 Jun 2022 18:28

Tgt Ion:252 Resp: 32579

Ion Ratio Lower Upper

252 100

253 20.7 17.7 26.5

125 8.2 8.0 12.0

