

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128681.D
 Acq On : 03 Jun 2022 16:08
 Operator : CG\JU
 Sample : N3170-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220422-AMENDED-COMPOSITE-B

Quant Time: Jun 03 23:42:09 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)

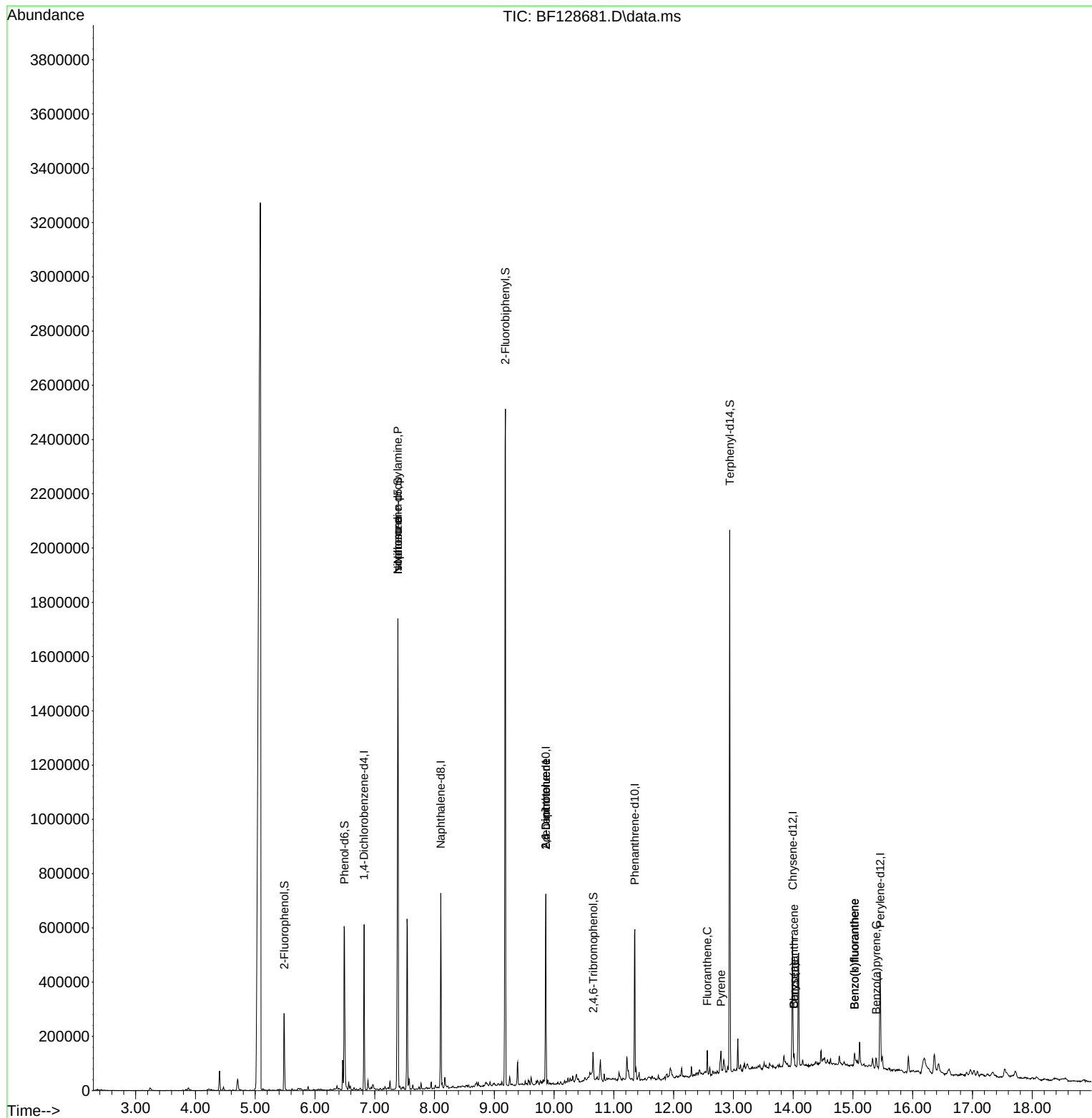
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	70763	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	259368	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	130048	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	202885	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	153549	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	166122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	68921	15.514	ng	0.01
7) Phenol-d6	6.492	99	200419	36.958	ng	0.00
23) Nitrobenzene-d5	7.386	82	556467	99.890	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	8104	5.274	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	751489	80.946	ng	0.00
79) Terphenyl-d14	12.939	244	592102	67.005	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	83186	24.671	ng	# 80
25) Isophorone	7.386	82	555462	65.651	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	16879	9.607	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	16879	7.199	ng	# 22
75) Fluoranthene	12.563	202	28849	2.712	ng	95
78) Pyrene	12.792	202	28954	2.534	ng	95
81) Benzo(a)anthracene	14.015	228	19874	2.076	ng	95
83) Chrysene	14.015	228	19874	2.178	ng	98
88) Benzo(b)fluoranthene	15.027	252	30334	2.858	ng	# 89
89) Benzo(k)fluoranthene	15.027	252	30334	3.038	ng	# 90
90) Benzo(a)pyrene	15.392	252	18192	2.181	ng	96

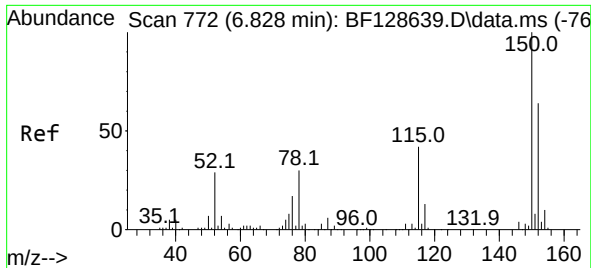
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
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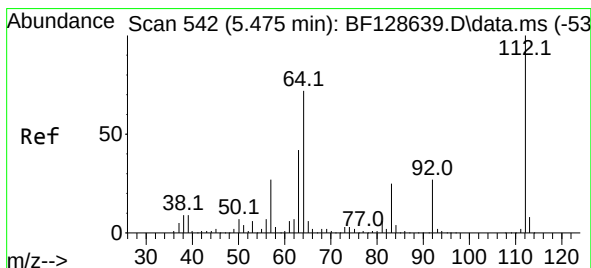
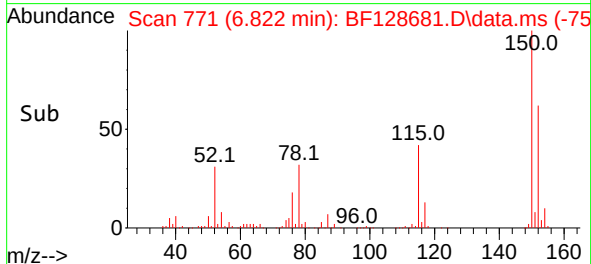
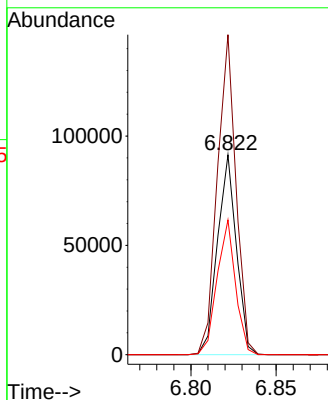
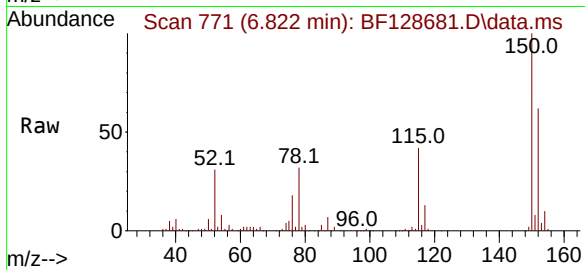




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

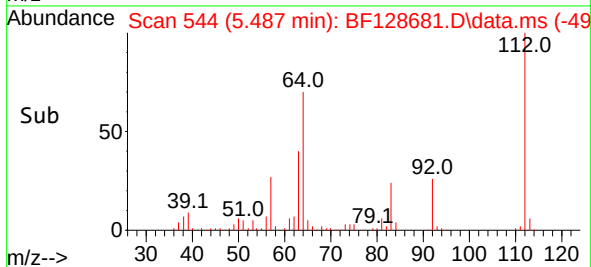
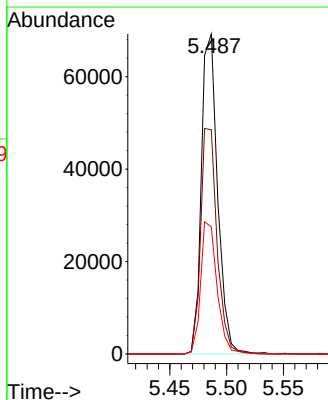
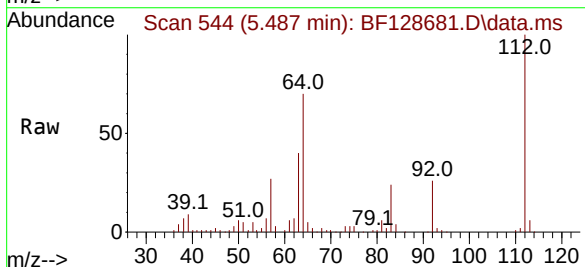
Instrument :
BNA_F
ClientSampleId :
20220422-AMENDED-COMPOSITE-B

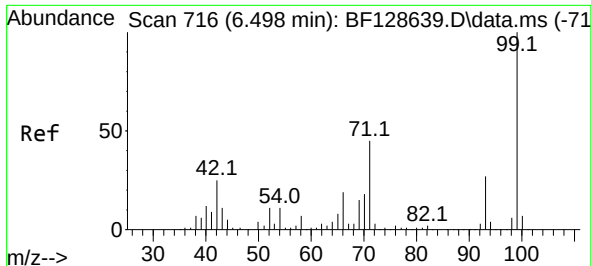
Tgt Ion:152 Resp: 70763
Ion Ratio Lower Upper
152 100
150 160.1 123.7 185.5
115 67.4 49.9 74.9



#5
2-Fluorophenol
Concen: 15.514 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.012 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

Tgt Ion:112 Resp: 68921
Ion Ratio Lower Upper
112 100
64 70.1 53.3 79.9
63 39.7 28.0 42.0

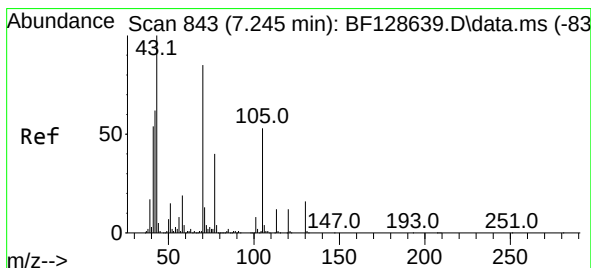
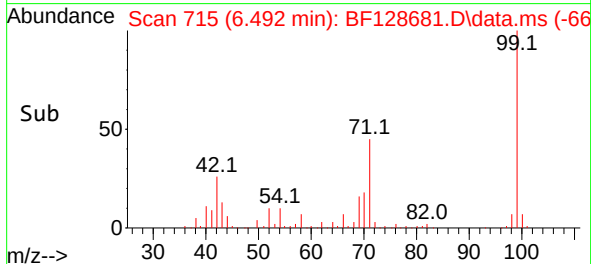
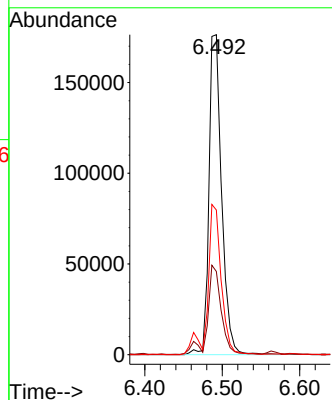
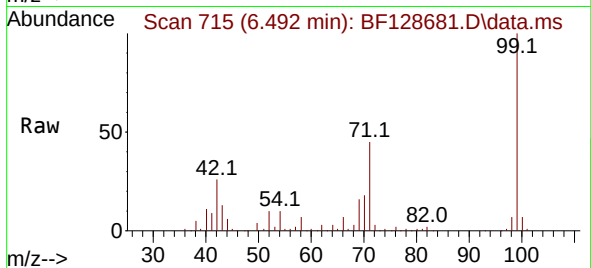




#7
Phenol-d6
Concen: 36.958 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

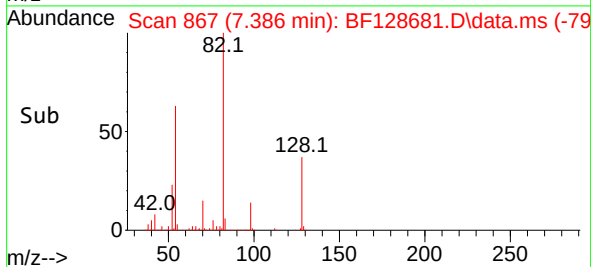
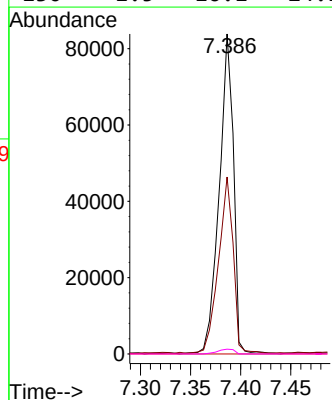
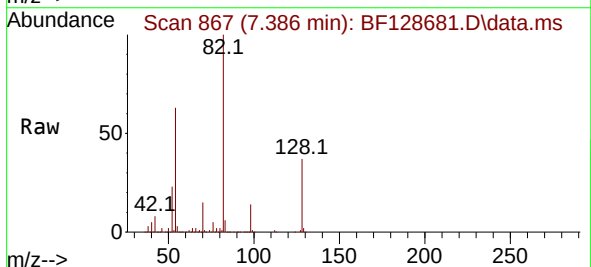
Instrument :
BNA_F
ClientSampleId :
20220422-AMENDED-COMPOSITE-B

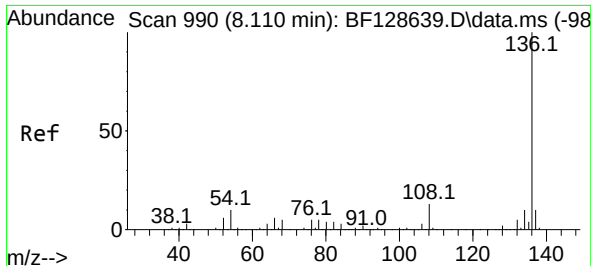
Tgt Ion: 99 Resp: 200419
Ion Ratio Lower Upper
99 100
42 26.0 17.3 25.9#
71 45.2 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 24.671 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

Tgt Ion: 70 Resp: 83186
Ion Ratio Lower Upper
70 100
42 55.3 52.3 78.5
101 0.0 7.5 11.3#
130 1.5 16.1 24.1#

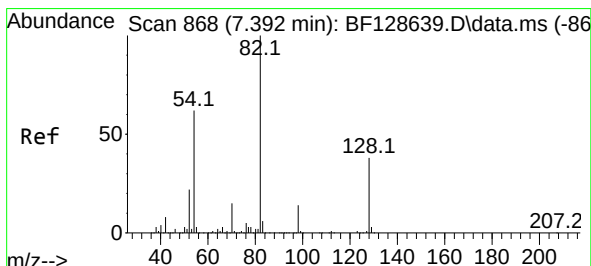
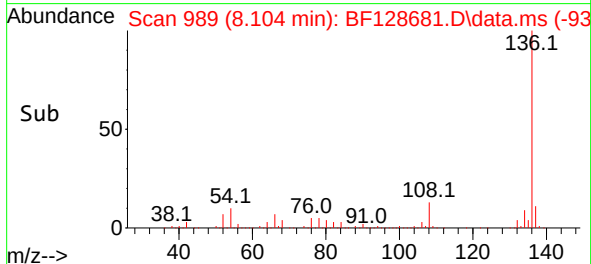
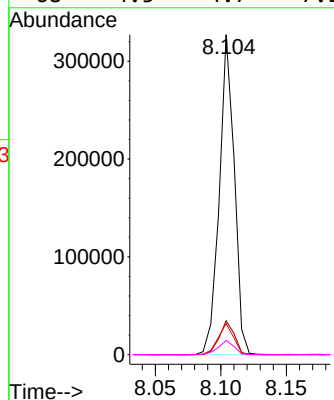
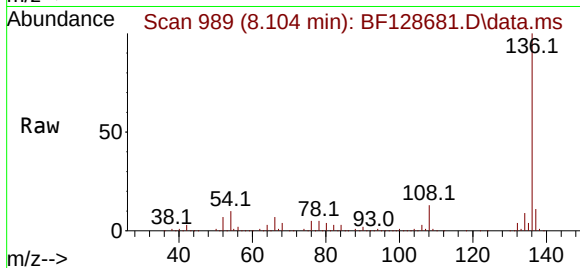




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

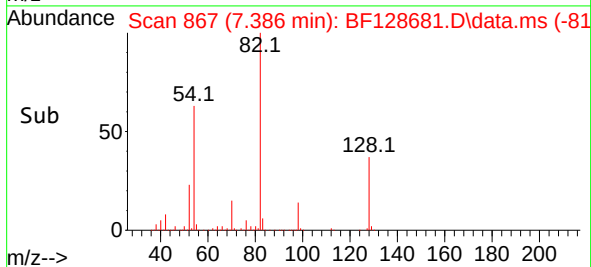
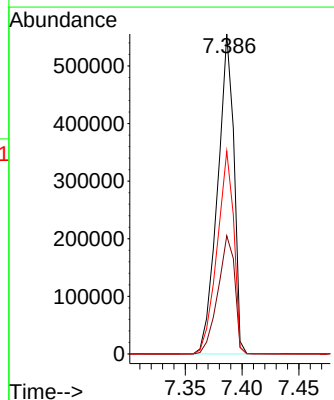
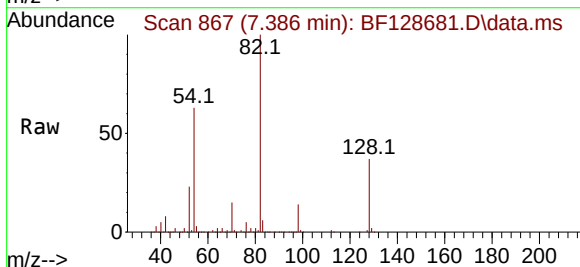
Instrument :
BNA_F
ClientSampleId :
20220422-AMENDED-COMPOSITE-B

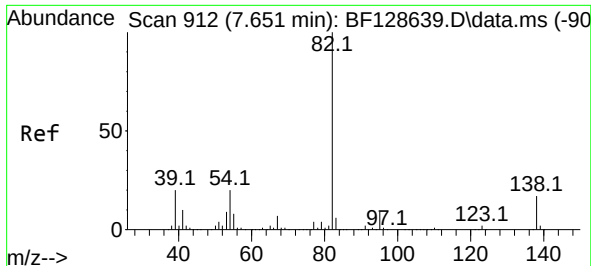
Tgt Ion:	136	Resp:	259368
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.7	7.5	11.3
68	4.5	4.7	7.1



#23
Nitrobenzene-d5
Concen: 99.890 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

Tgt Ion:	82	Resp:	556467
Ion	Ratio	Lower	Upper
82	100		
128	37.0	34.0	51.0
54	63.4	46.9	70.3

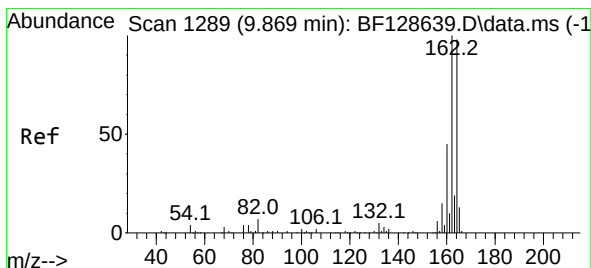
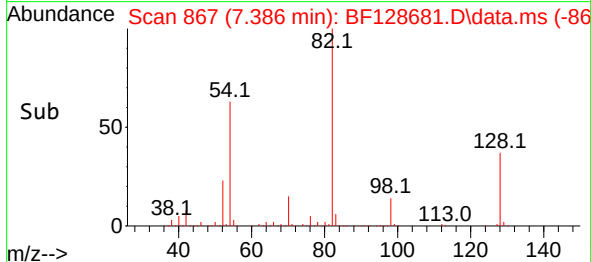
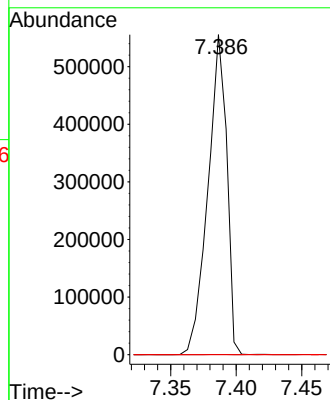
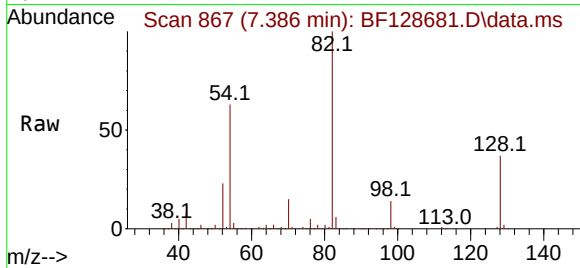




#25
Isophorone
Concen: 65.651 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

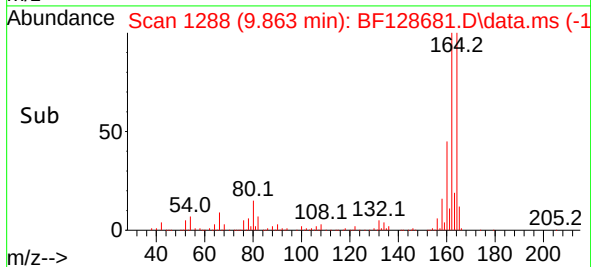
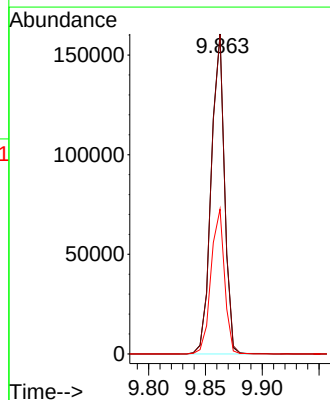
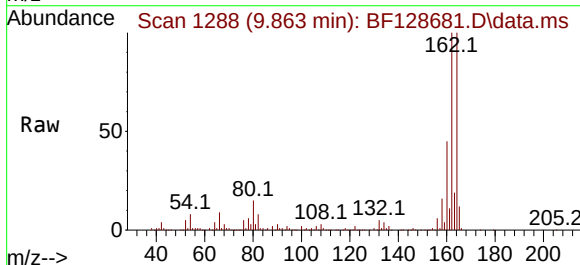
Instrument :
BNA_F
ClientSampleId :
20220422-AMENDED-COMPOSITE-B

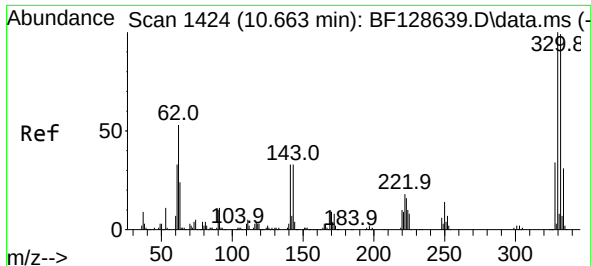
Tgt Ion: 82 Resp: 555462
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

Tgt Ion:164 Resp: 130048
Ion Ratio Lower Upper
164 100
162 99.8 79.5 119.3
160 45.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 5.274 ng

RT: 10.657 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128681.D

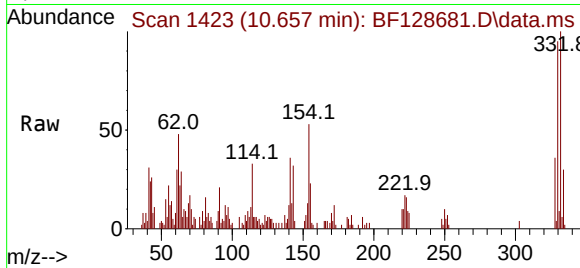
Acq: 03 Jun 2022 16:08

Instrument :

BNA_F

ClientSampleId :

20220422-AMENDED-COMPOSITE-B



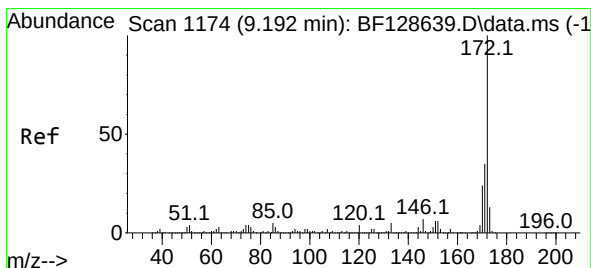
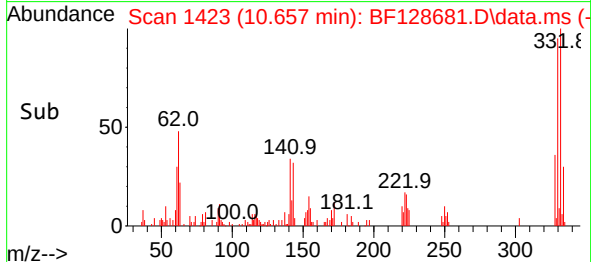
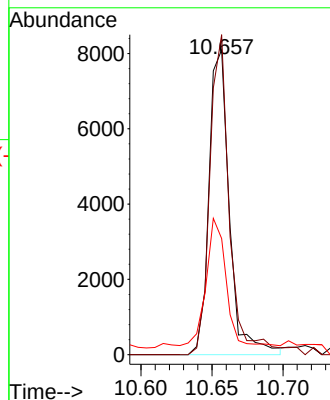
Tgt Ion:330 Resp: 8104

Ion Ratio Lower Upper

330 100

332 103.0 76.8 115.2

141 44.6 28.0 42.0#



#45

2-Fluorobiphenyl

Concen: 80.946 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128681.D

Acq: 03 Jun 2022 16:08

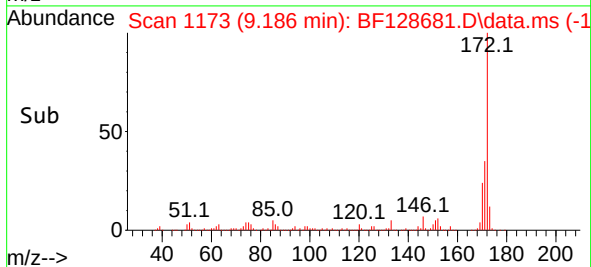
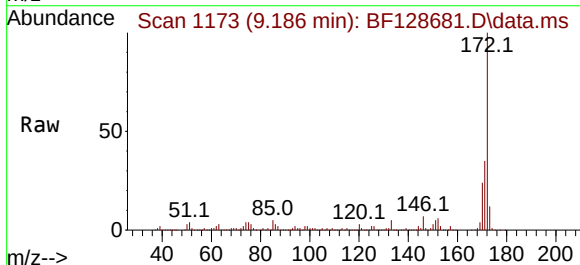
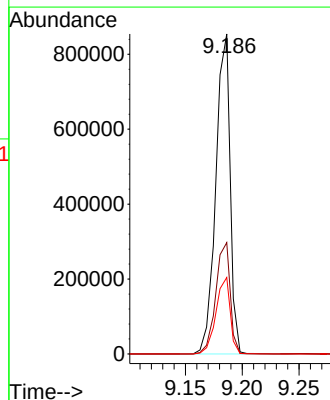
Tgt Ion:172 Resp: 751489

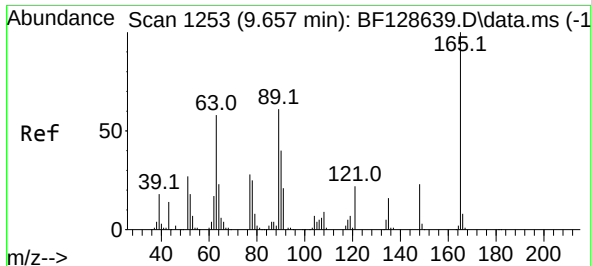
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.9 19.8 29.8

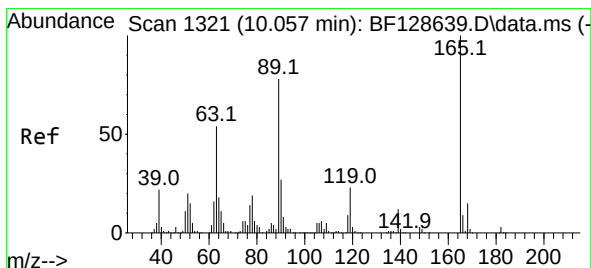
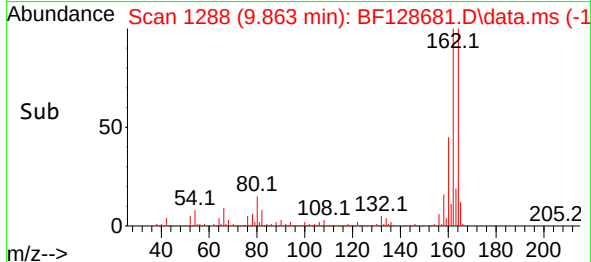
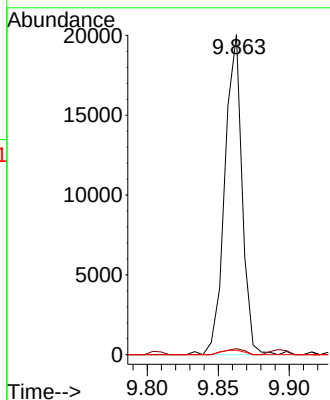
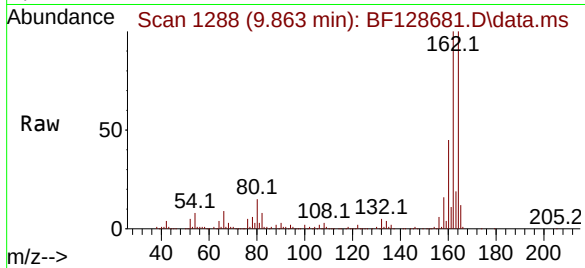




#51
2,6-Dinitrotoluene
Concen: 9.607 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

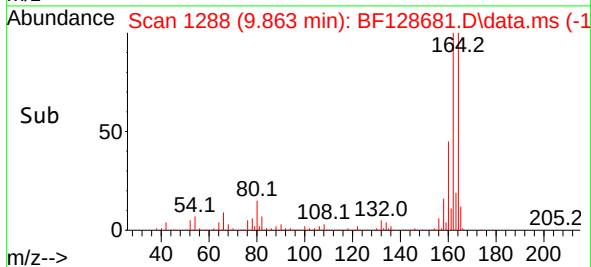
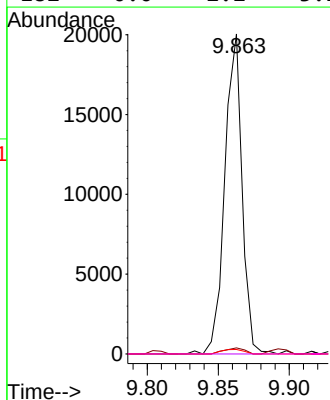
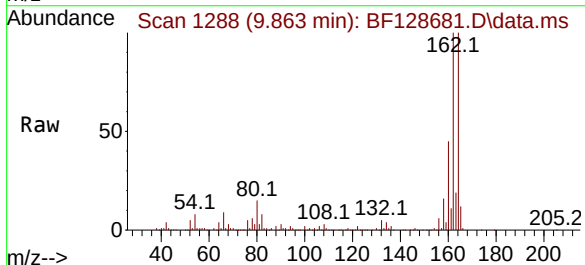
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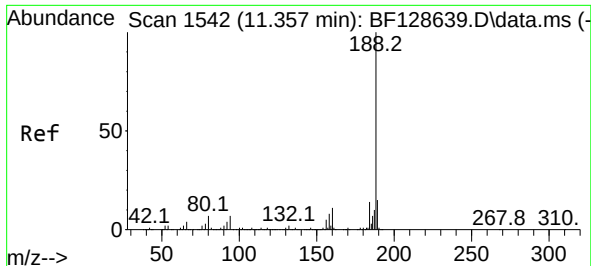
Tgt Ion:165 Resp: 16879
Ion Ratio Lower Upper
165 100
63 1.9 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.199 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

Tgt Ion:165 Resp: 16879
Ion Ratio Lower Upper
165 100
63 1.9 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

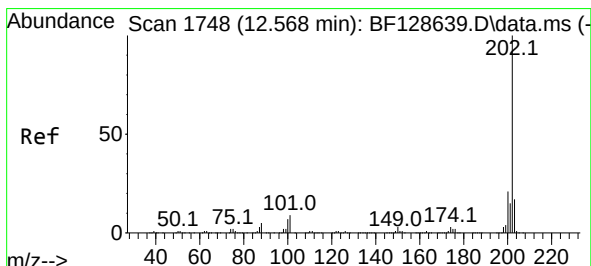
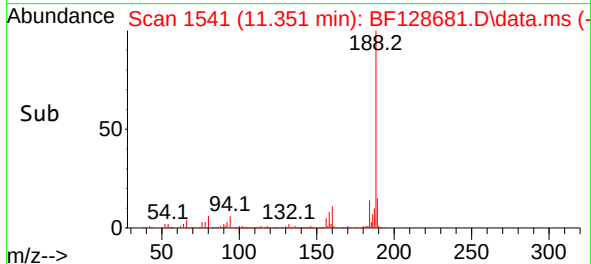
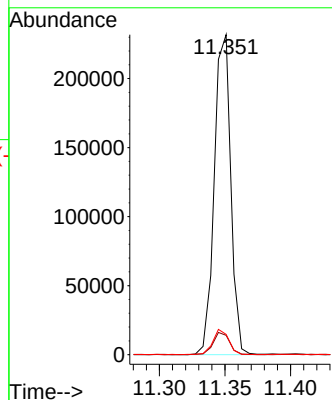
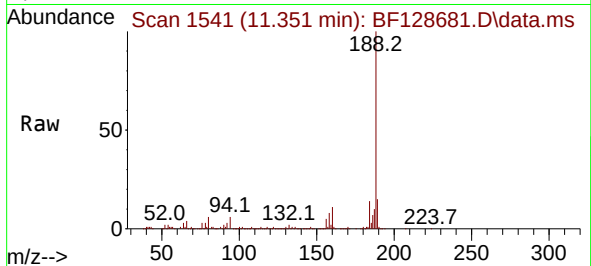




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

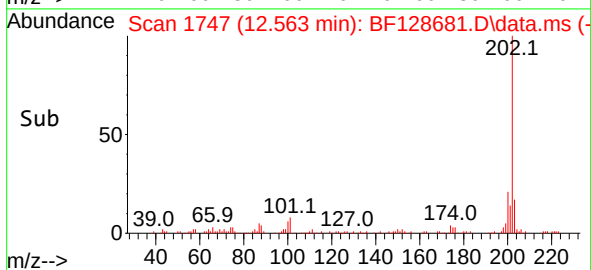
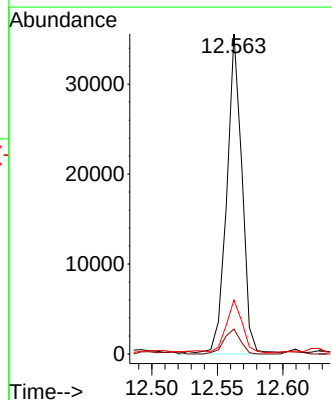
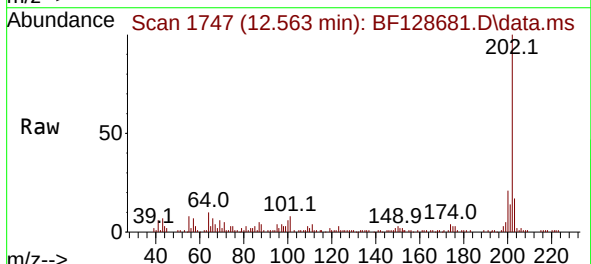
Instrument :
BNA_F
ClientSampleId :
20220422-AMENDED-COMPOSITE-B

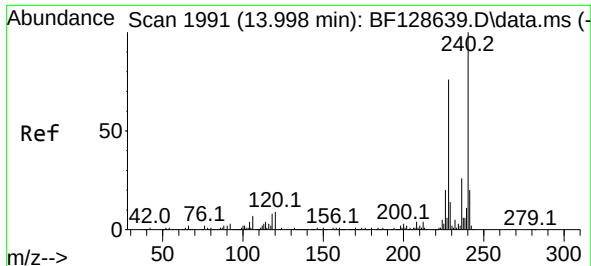
Tgt Ion:188 Resp: 202885
Ion Ratio Lower Upper
188 100
94 6.0 7.0 10.6#
80 6.4 7.6 11.4#



#75
Fluoranthene
Concen: 2.712 ng
RT: 12.563 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

Tgt Ion:202 Resp: 28849
Ion Ratio Lower Upper
202 100
101 7.8 0.0 31.4
203 16.8 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF128681.D

Acq: 03 Jun 2022 16:08

Instrument :

BNA_F

ClientSampleId :

20220422-AMENDED-COMPOSITE-B

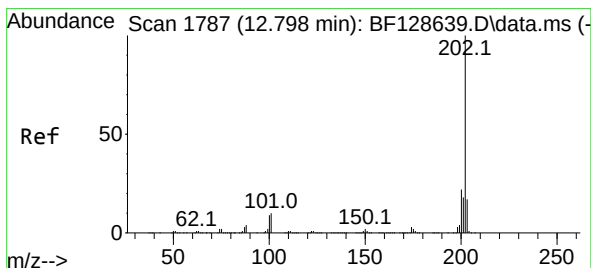
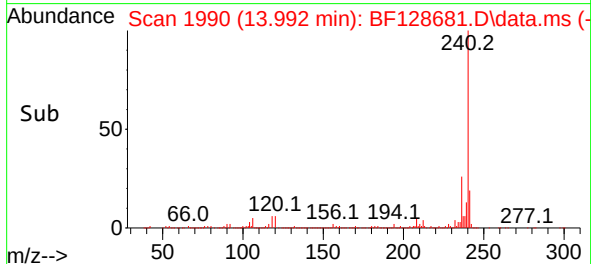
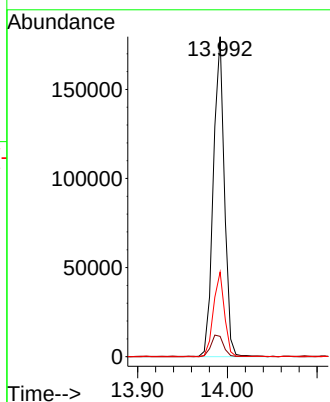
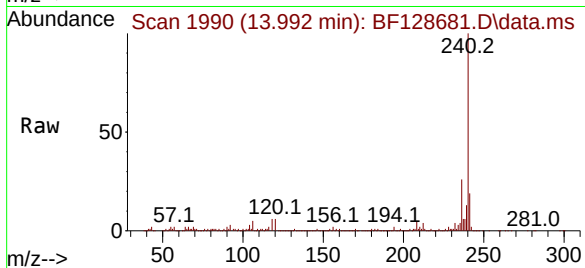
Tgt Ion:240 Resp: 153549

Ion Ratio Lower Upper

240 100

120 6.4 8.9 13.3#

236 26.4 20.8 31.2



#78

Pyrene

Concen: 2.534 ng

RT: 12.792 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BF128681.D

Acq: 03 Jun 2022 16:08

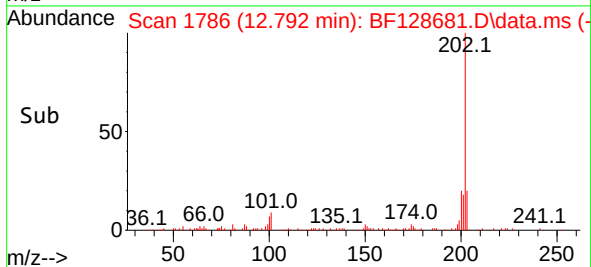
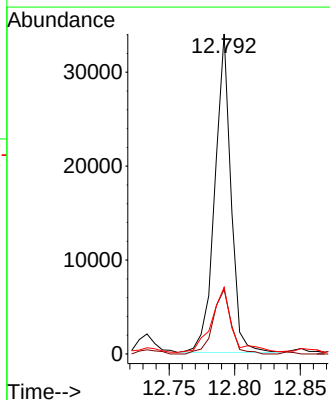
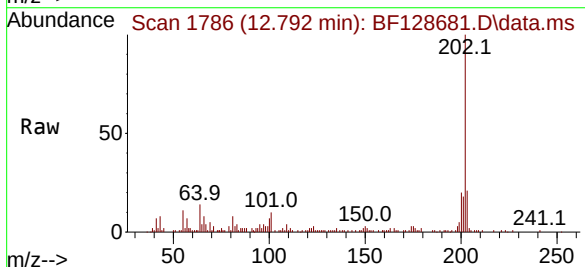
Tgt Ion:202 Resp: 28954

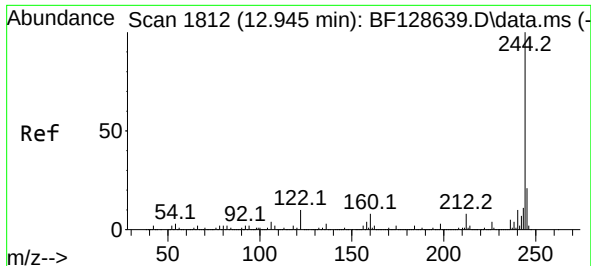
Ion Ratio Lower Upper

202 100

200 20.1 17.7 26.5

203 20.8 14.6 21.8

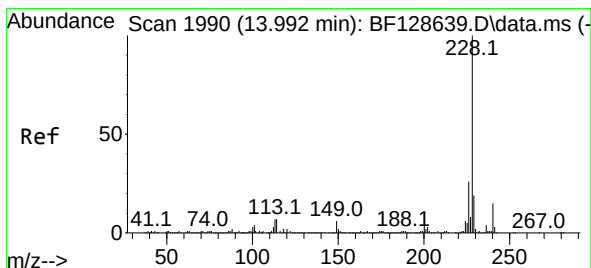
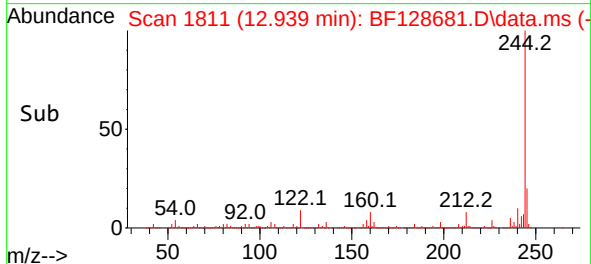
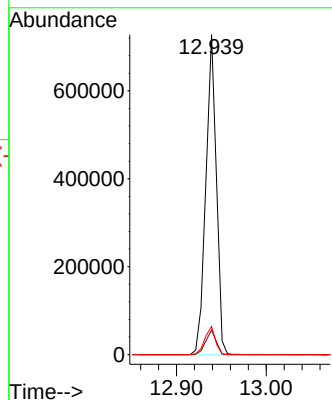
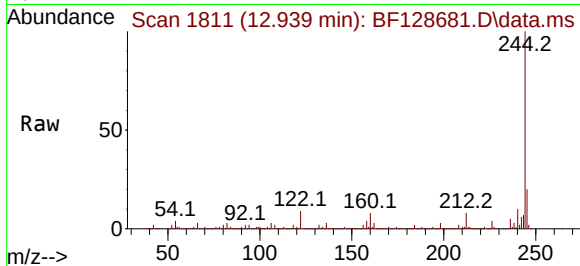




#79
 Terphenyl-d14
 Concen: 67.005 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF128681.D
 Acq: 03 Jun 2022 16:08

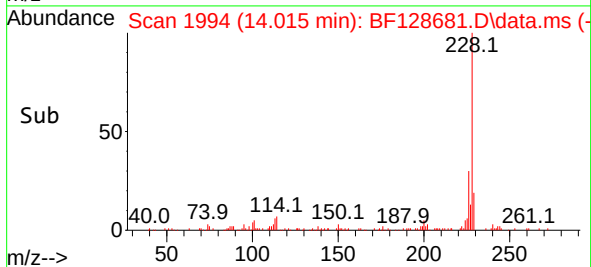
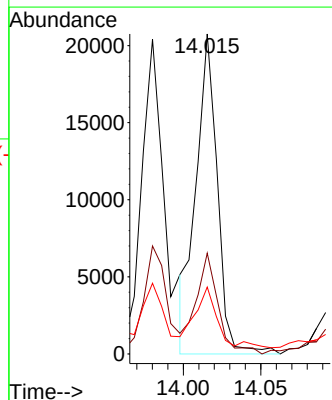
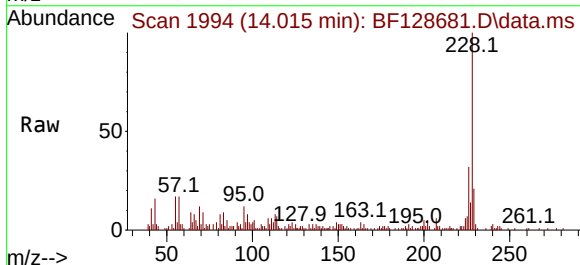
Instrument :
 BNA_F
 ClientSampleId :
 20220422-AMENDED-COMPOSITE-B

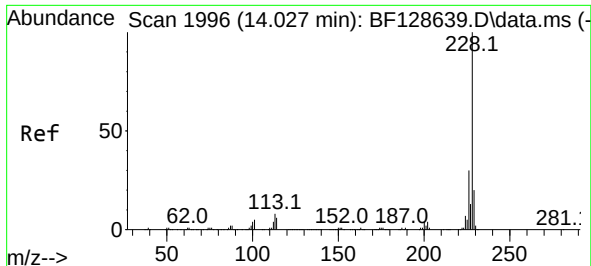
Tgt Ion:244 Resp: 592102
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 8.9 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 2.076 ng
 RT: 14.015 min Scan# 1994
 Delta R.T. 0.023 min
 Lab File: BF128681.D
 Acq: 03 Jun 2022 16:08

Tgt Ion:228 Resp: 19874
 Ion Ratio Lower Upper
 228 100
 226 31.5 22.1 33.1
 229 20.9 15.8 23.8

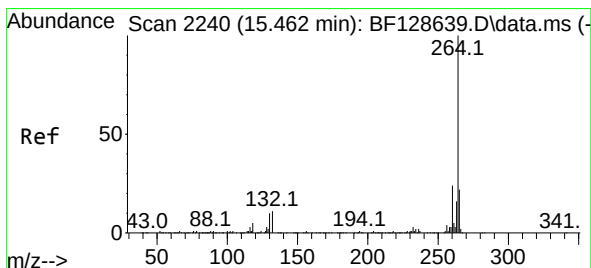
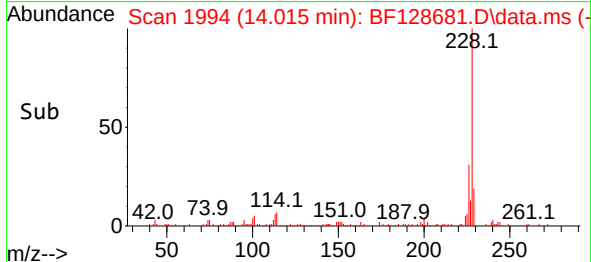
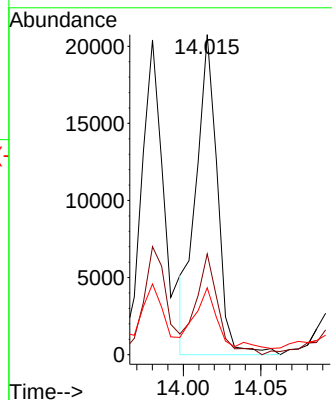
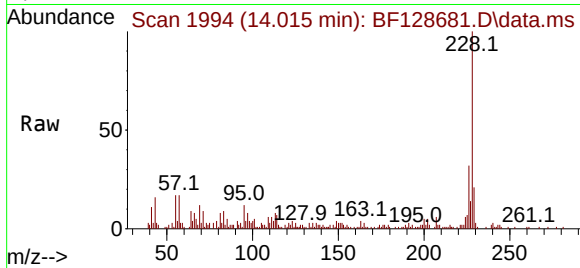




#83
Chrysene
Concen: 2.178 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

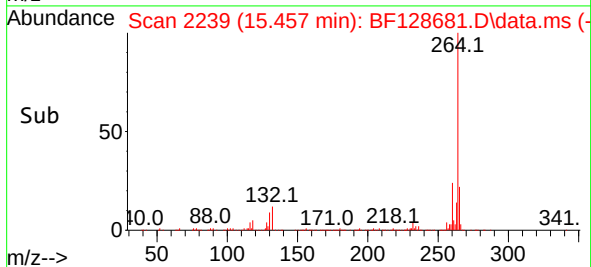
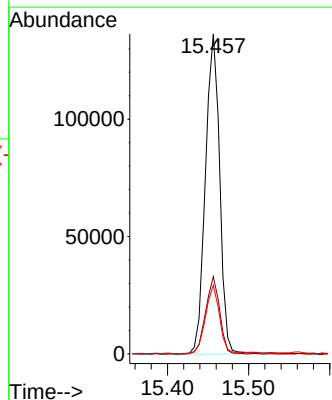
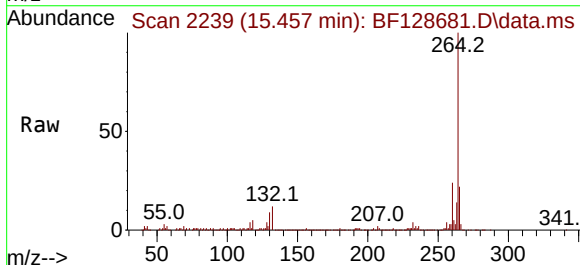
Instrument : BNA_F
ClientSampleId : 20220422-AMENDED-COMPOSITE-B

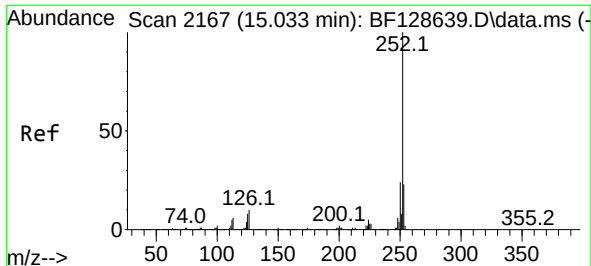
Tgt Ion:228 Resp: 19874
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 20.9 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2239
Delta R.T. -0.005 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

Tgt Ion:264 Resp: 166122
Ion Ratio Lower Upper
264 100
260 24.2 18.4 27.6
265 21.5 17.2 25.8

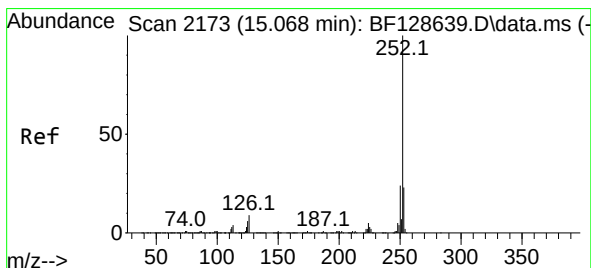
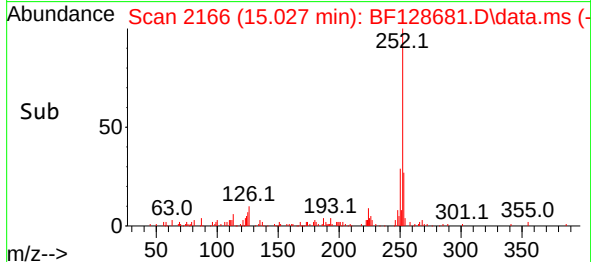
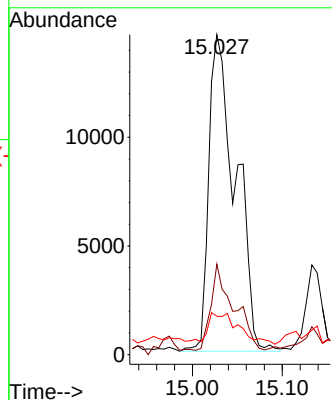
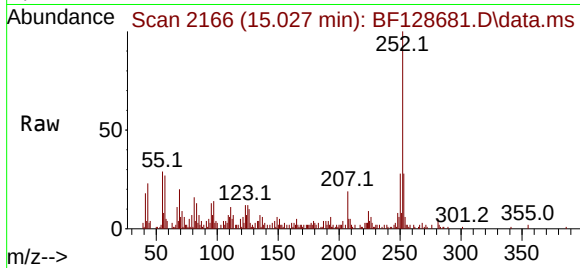




#88
Benzo(b)fluoranthene
Concen: 2.858 ng
RT: 15.027 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

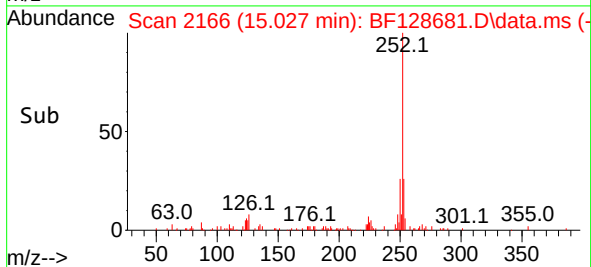
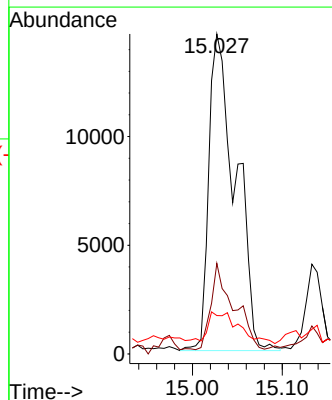
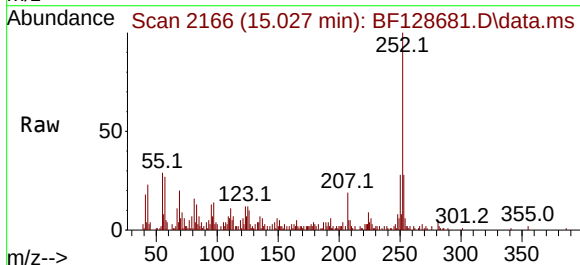
Instrument : BNA_F
ClientSampleId : 20220422-AMENDED-COMPOSITE-B

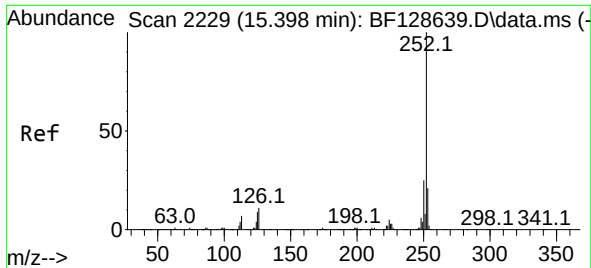
Tgt Ion:252 Resp: 30334
Ion Ratio Lower Upper
252 100
253 28.3 17.7 26.5#
125 12.0 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 3.038 ng
RT: 15.027 min Scan# 2166
Delta R.T. -0.041 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

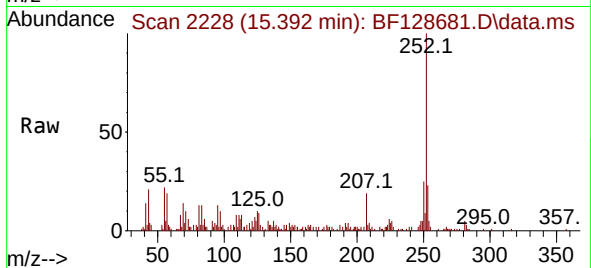
Tgt Ion:252 Resp: 30334
Ion Ratio Lower Upper
252 100
253 28.3 17.8 26.6#
125 12.0 8.3 12.5





#90
 Benzo(a)pyrene
 Concen: 2.181 ng
 RT: 15.392 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128681.D
 Acq: 03 Jun 2022 16:08

Instrument :
 BNA_F
 ClientSampleId :
 20220422-AMENDED-COMPOSITE-B



Tgt Ion:252 Resp: 18192
 Ion Ratio Lower Upper
 252 100
 253 23.5 17.0 25.6
 125 10.0 8.8 13.2

