

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123667.D
 Acq On : 21 Apr 2021 15:06
 Operator : JU/CG
 Sample : M2077-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-14.5-15.0

Quant Time: Apr 21 16:11:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

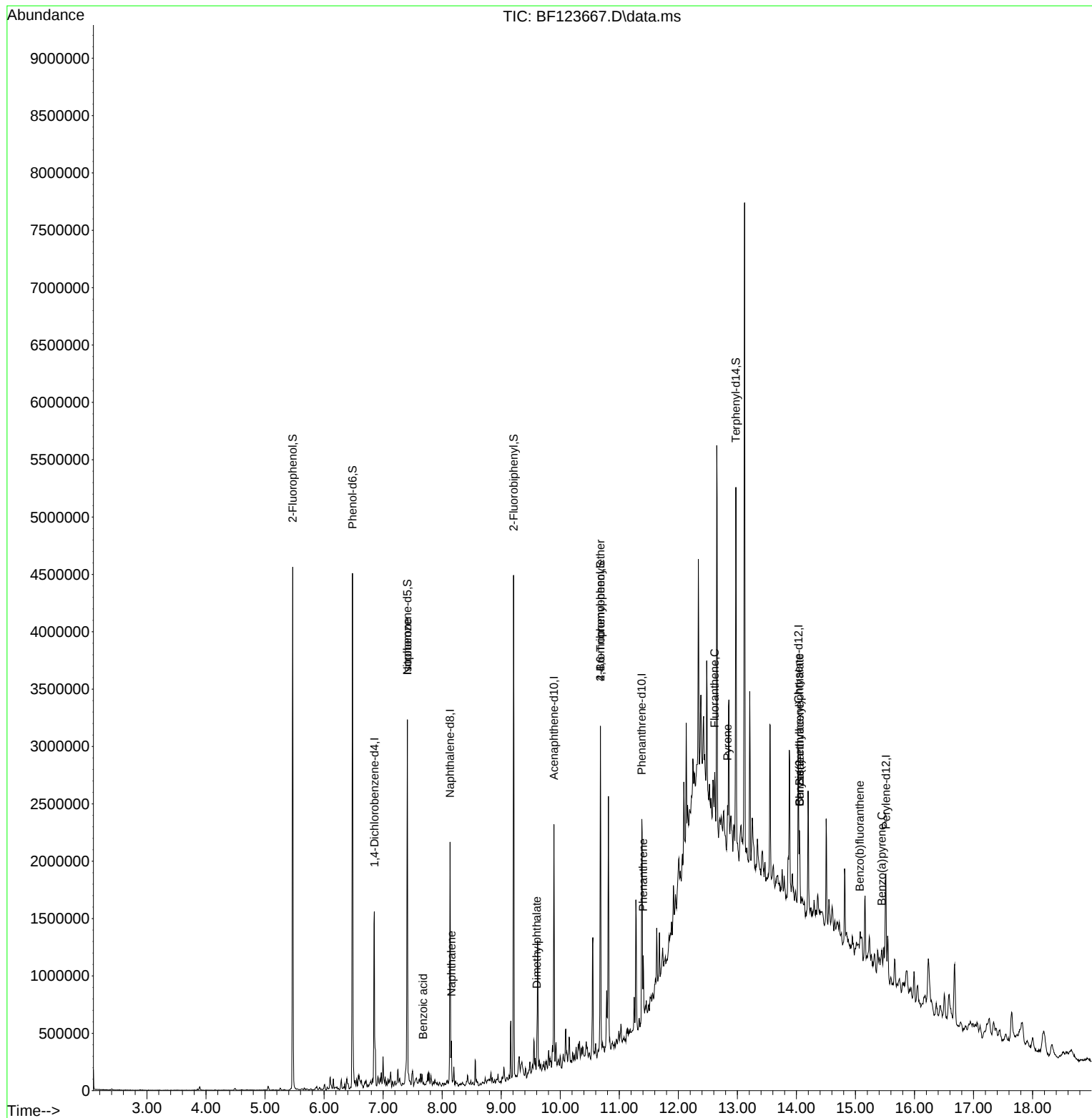
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	204779	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	753735	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	361361	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	647137	20.00	ng	# 0.00
76) Chrysene-d12	14.033	240	409611	20.00	ng	0.00
86) Perylene-d12	15.515	264	453281	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	982798	77.57	ng	0.00
7) Phenol-d6	6.481	99	1256911	71.59	ng	-0.01
23) Nitrobenzene-d5	7.410	82	853434	52.05	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	295770	72.28	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1217857	50.24	ng	0.00
79) Terphenyl-d14	12.974	244	933711	44.30	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.410	82	844424	26.55	ng	# 69
31) Naphthalene	8.157	128	134824	3.47	ng	98
32) Benzoic acid	7.675	122	159	4.57	ng	97
50) Dimethylphthalate	9.604	163	52054	2.09	ng	# 96
67) 4-Bromophenyl-phenylether	10.680	248	16739	2.47	ng	# 1
71) Phenanthrene	11.404	178	163660	4.85	ng	97
75) Fluoranthene	12.615	202	148650	4.00	ng	97
78) Pyrene	12.833	202	140409	4.70	ng	97
81) Benzo(a)anthracene	14.057	228	55098	2.19	ng	93
83) Chrysene	14.057	228	55098	2.19	ng	96
84) Bis(2-ethylhexyl)phtha...	14.051	149	146542	7.85	ng	# 97
88) Benzo(b)fluoranthene	15.074	252	90708	2.83	ng	# 78
90) Benzo(a)pyrene	15.445	252	53554	2.10	ng	# 72

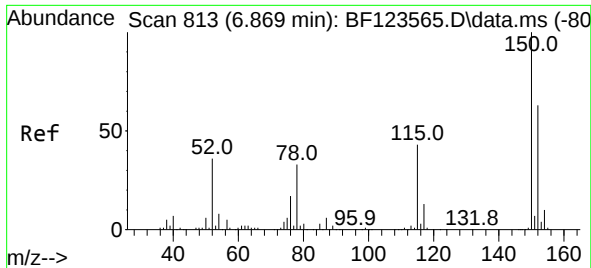
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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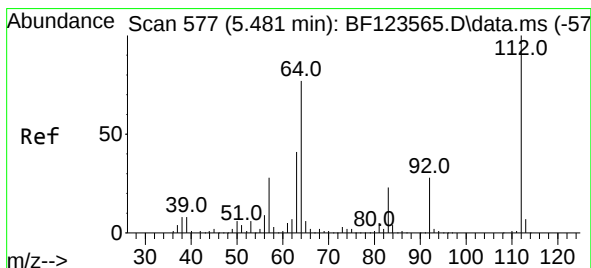
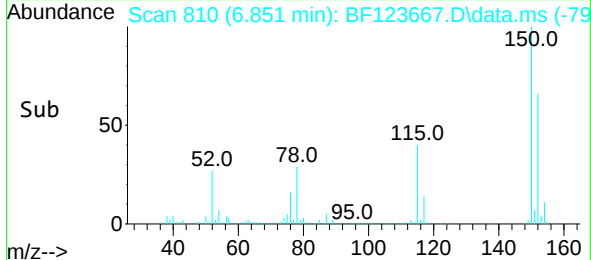
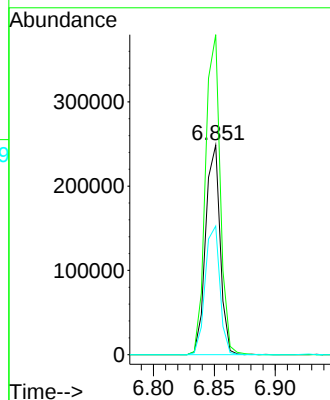
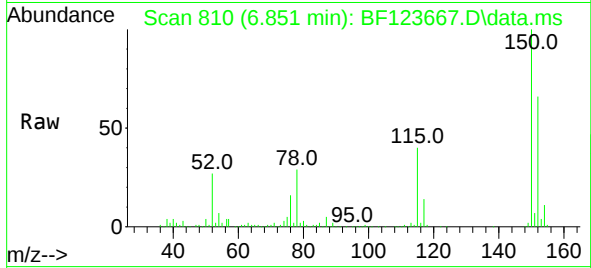




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

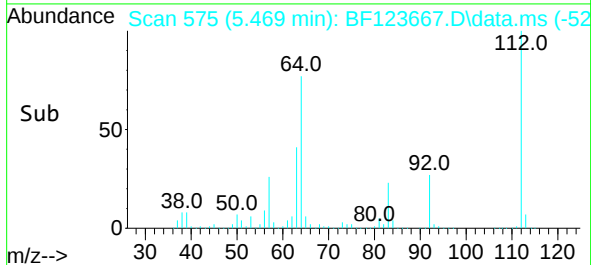
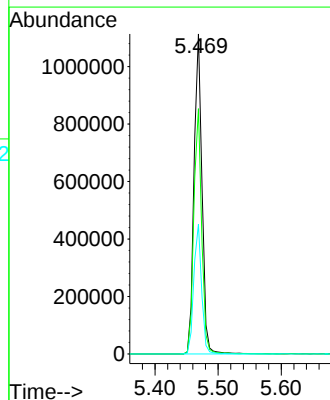
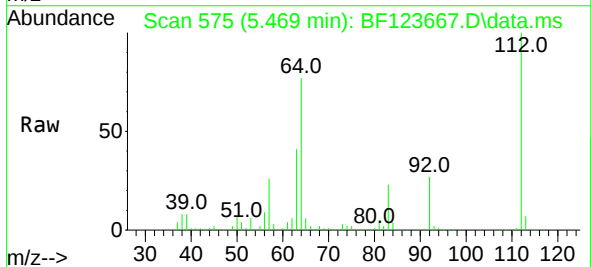
Instrument :
BNA_F
ClientSampleId :
SB-21-14.5-15.0

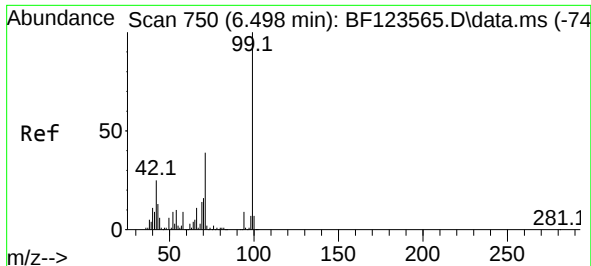
Tgt Ion:152 Resp: 204779
Ion Ratio Lower Upper
152 100
150 152.6 127.0 190.6
115 61.3 54.3 81.5



#5
2-Fluorophenol
Concen: 77.57 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

Tgt Ion:112 Resp: 982798
Ion Ratio Lower Upper
112 100
64 76.7 61.4 92.0
63 40.6 33.0 49.4

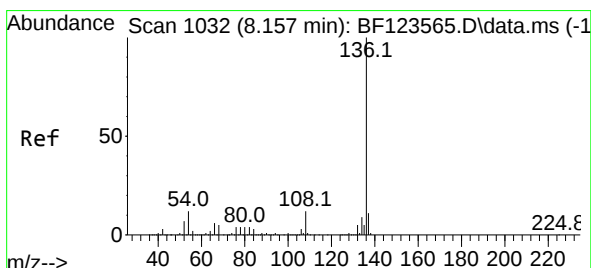
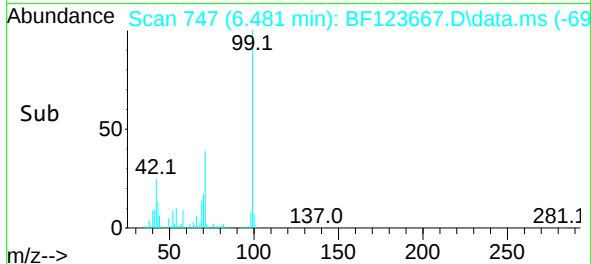
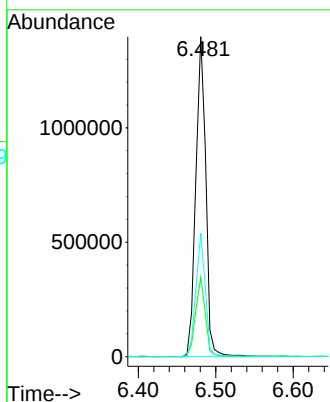
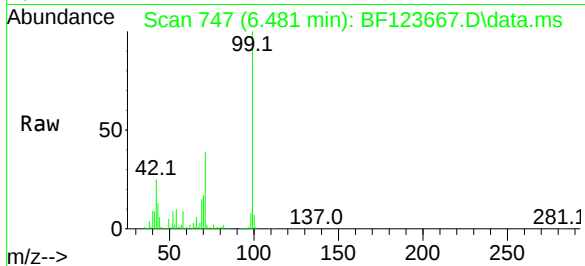




#7
Phenol-d6
Concen: 71.59 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

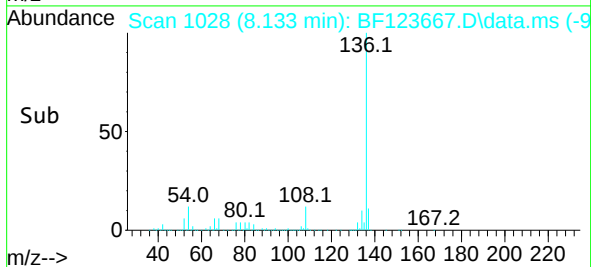
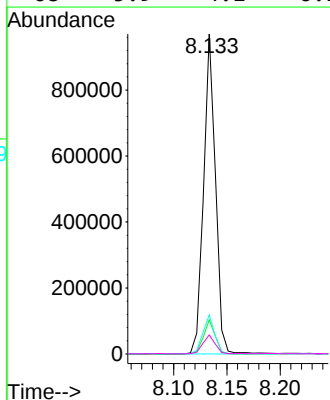
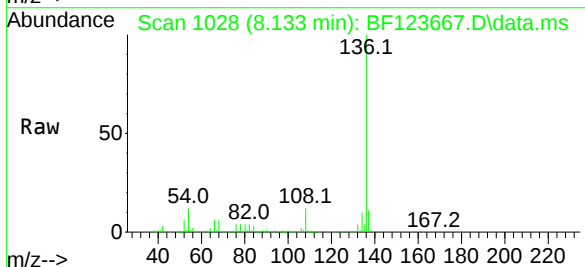
Instrument :
BNA_F
ClientSampleId :
SB-21-14.5-15.0

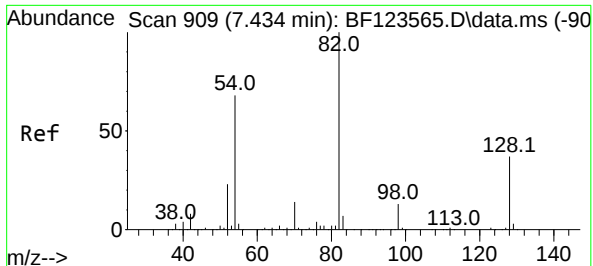
Tgt Ion: 99 Resp: 1256911
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.8
71 38.6 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

Tgt Ion: 136 Resp: 753735
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 12.2 9.8 14.6
68 5.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 52.05 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF123667.D

Acq: 21 Apr 2021 15:06

Tgt Ion: 82 Resp: 853434

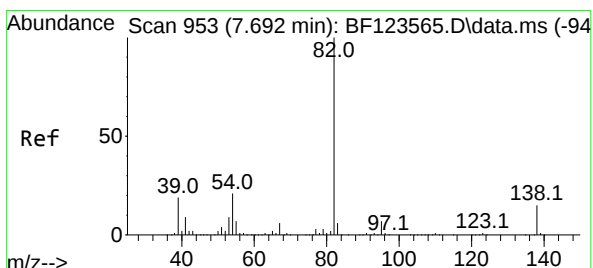
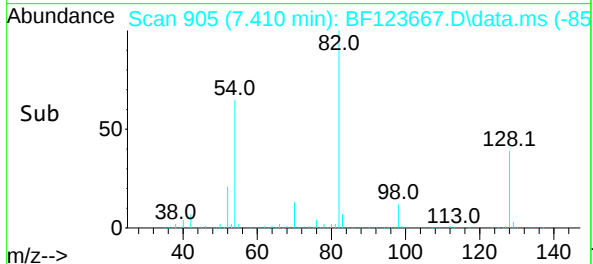
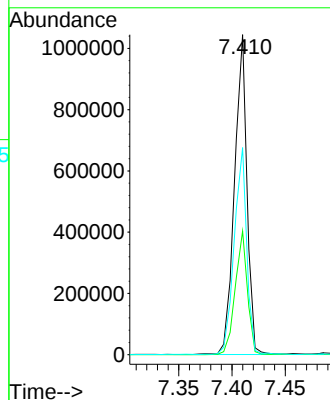
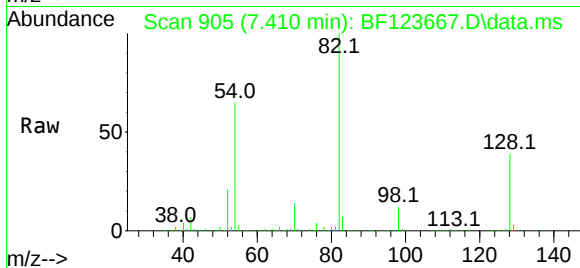
Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.4	44.2
54	64.7	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

SB-21-14.5-15.0



#25

Isophorone

Concen: 26.55 ng

RT: 7.410 min Scan# 905

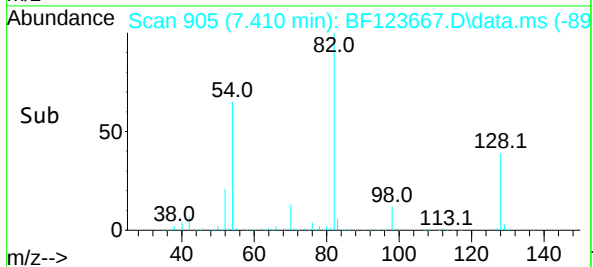
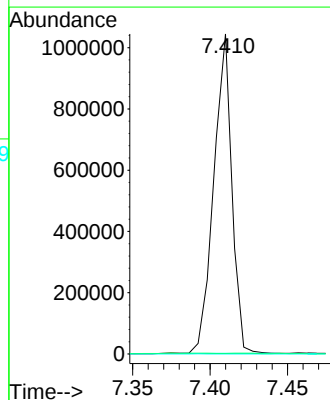
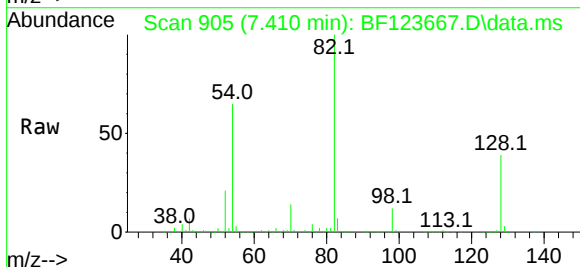
Delta R.T. -0.265 min

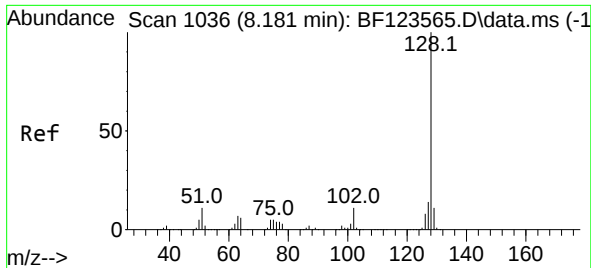
Lab File: BF123667.D

Acq: 21 Apr 2021 15:06

Tgt Ion: 82 Resp: 844424

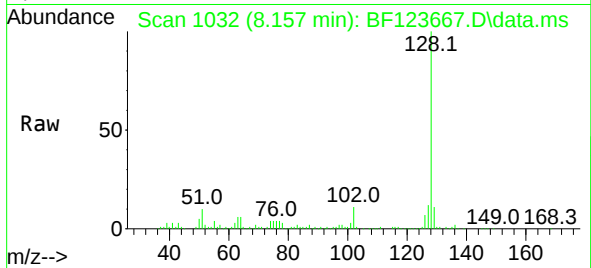
Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.8	8.6#
138	0.0	11.8	17.8#



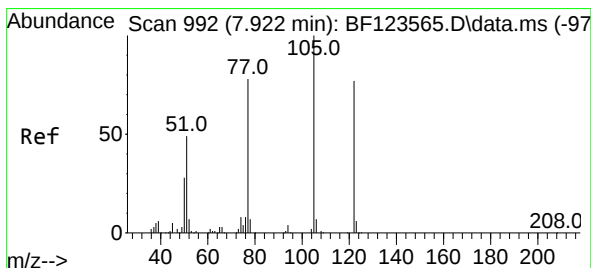
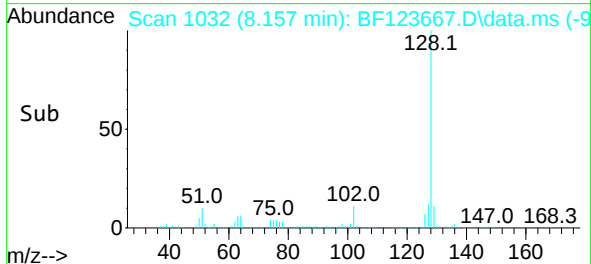
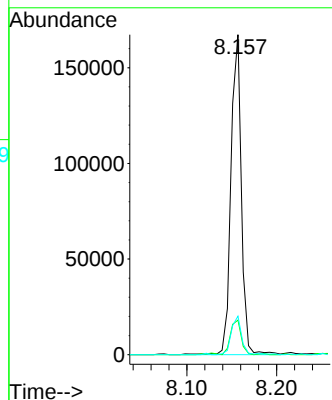


#31
Naphthalene
Concen: 3.47 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

Instrument :
BNA_F
ClientSampleId :
SB-21-14.5-15.0

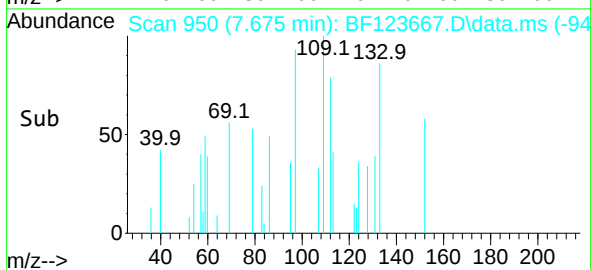
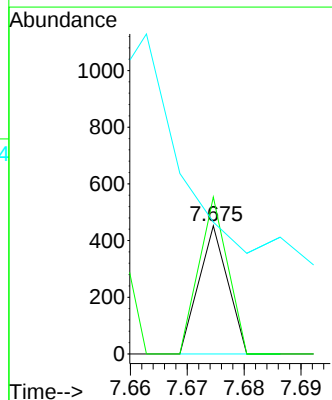
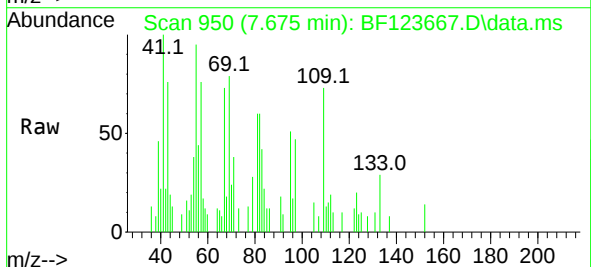


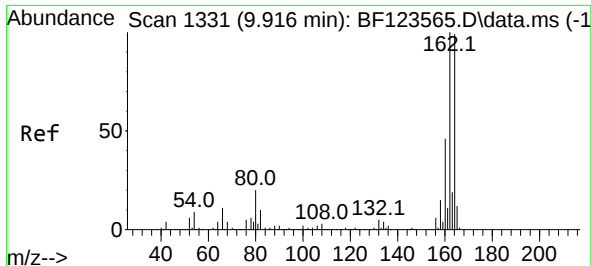
Tgt Ion:128 Resp: 134824
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.1 10.8 16.2



#32
Benzoic acid
Concen: 4.57 ng
RT: 7.675 min Scan# 950
Delta R.T. -0.241 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

Tgt Ion:122 Resp: 159
Ion Ratio Lower Upper
122 100
105 122.6 107.8 147.8
77 102.9 81.6 121.6

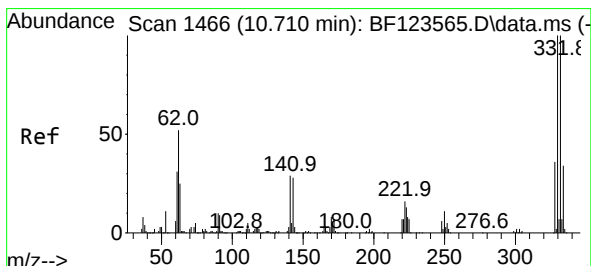
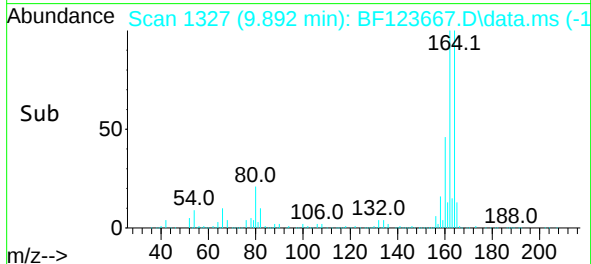
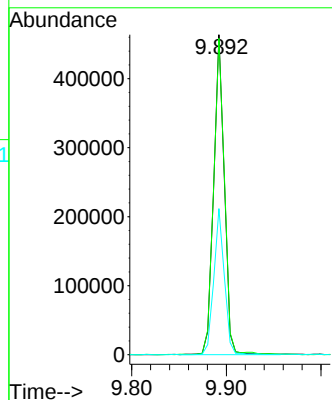
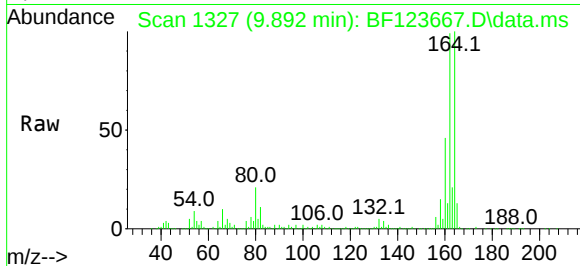




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

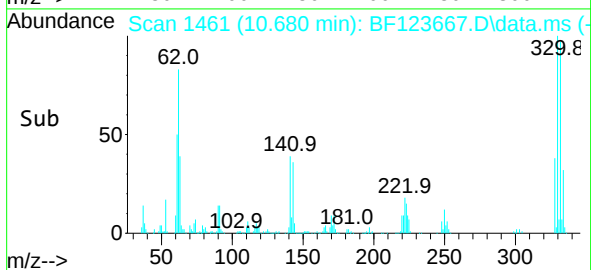
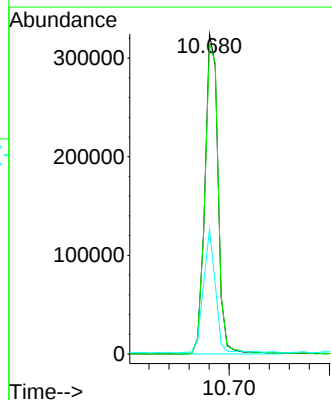
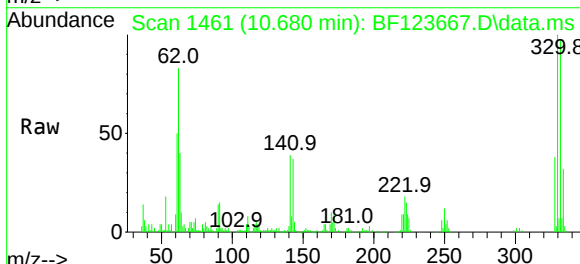
Instrument :
BNA_F
ClientSampleId :
SB-21-14.5-15.0

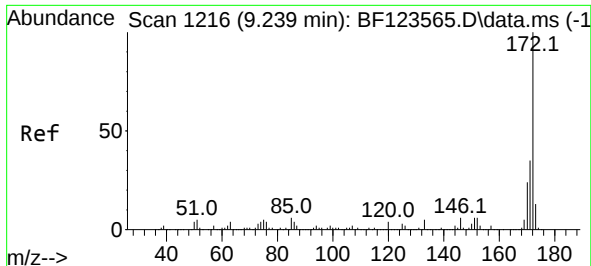
Tgt Ion:164 Resp: 361361
Ion Ratio Lower Upper
164 100
162 98.9 80.7 121.1
160 45.7 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 72.28 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

Tgt Ion:330 Resp: 295770
Ion Ratio Lower Upper
330 100
332 99.6 77.1 115.7
141 35.2 27.9 41.9

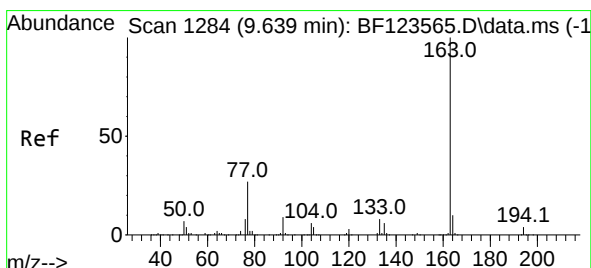
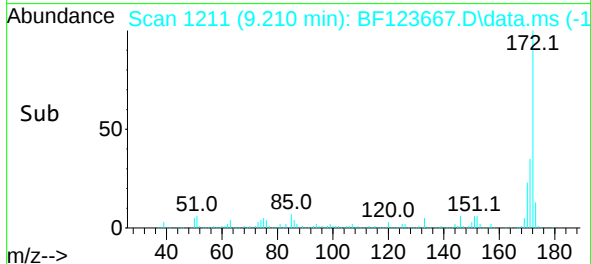
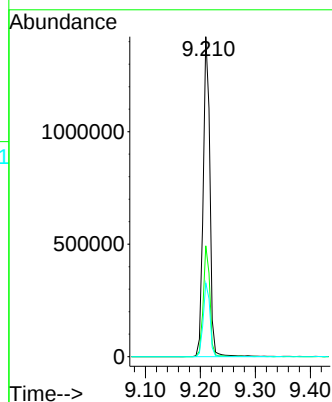
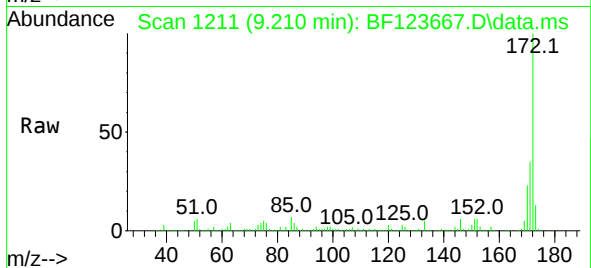




#45
2-Fluorobiphenyl
Concen: 50.24 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

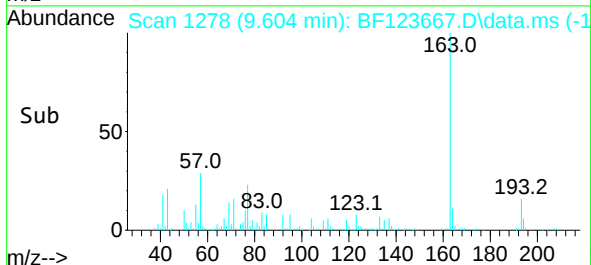
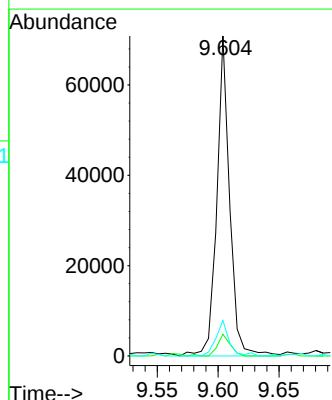
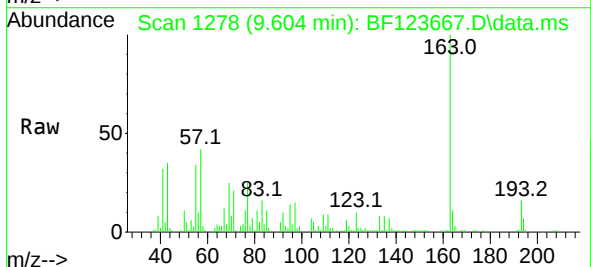
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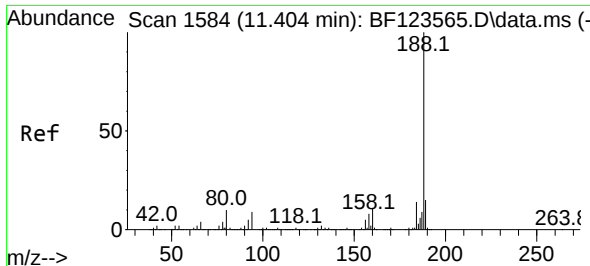
Tgt Ion:172 Resp: 1217857
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.0 19.2 28.8



#50
Dimethylphthalate
Concen: 2.09 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

Tgt Ion:163 Resp: 52054
Ion Ratio Lower Upper
163 100
194 6.8 3.1 4.7#
164 11.1 8.2 12.2

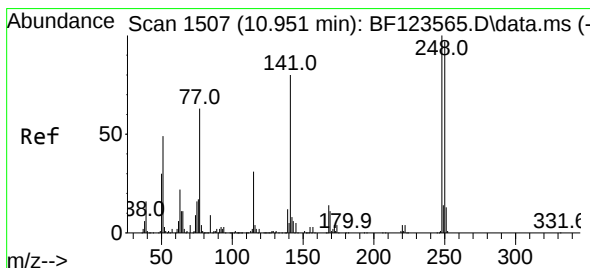
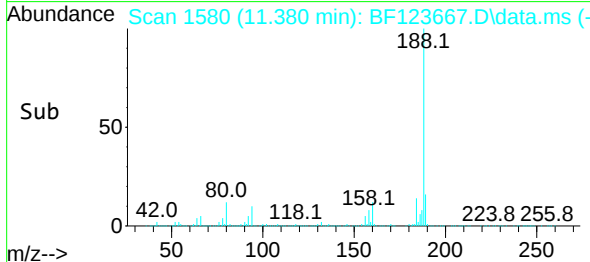
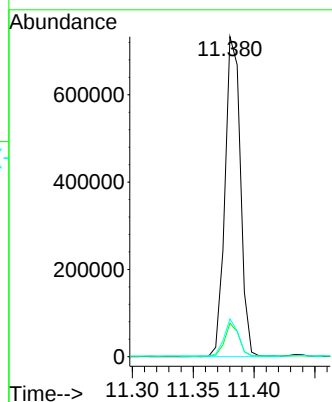
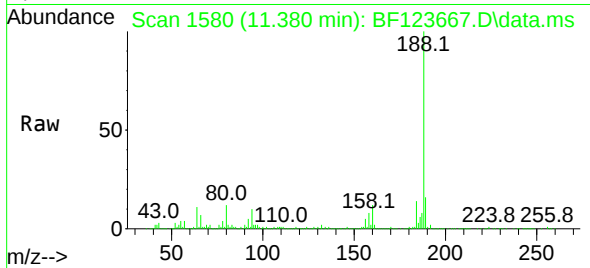




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

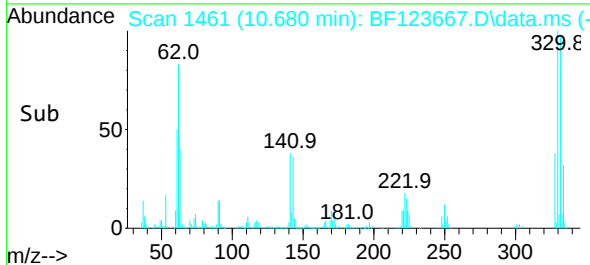
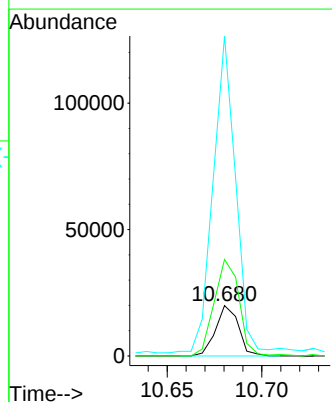
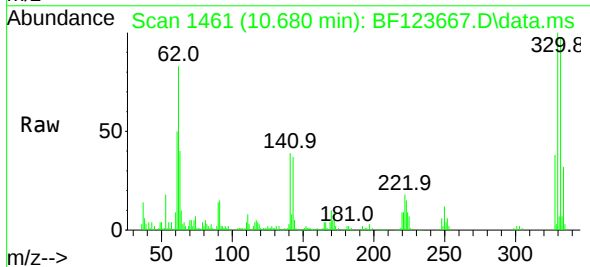
Instrument :
BNA_F
ClientSampleId :
SB-21-14.5-15.0

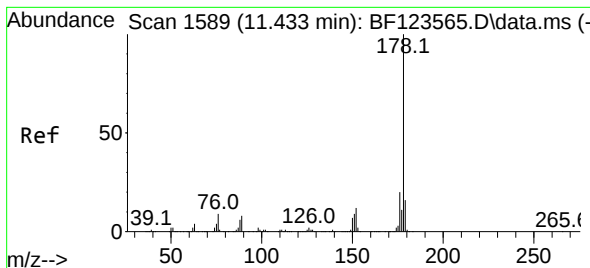
Tgt Ion:188 Resp: 647137
Ion Ratio Lower Upper
188 100
94 10.4 6.9 10.3#
80 11.8 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.47 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

Tgt Ion:248 Resp: 16739
Ion Ratio Lower Upper
248 100
250 191.5 77.4 116.2#
141 634.8 63.7 95.5#

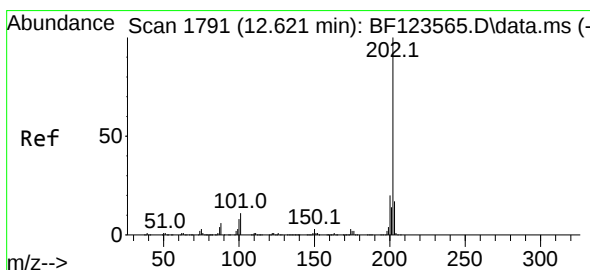
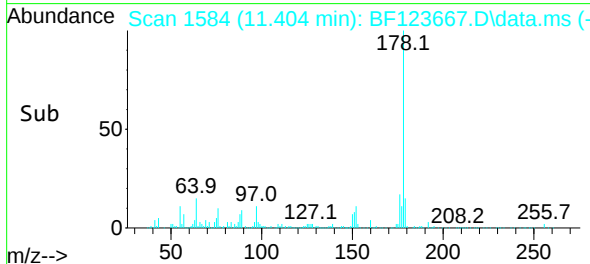
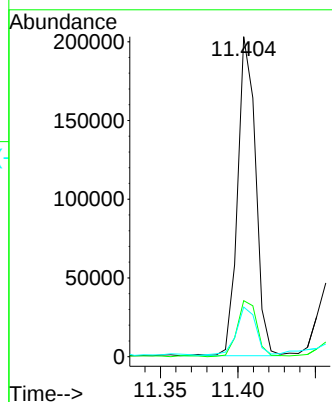
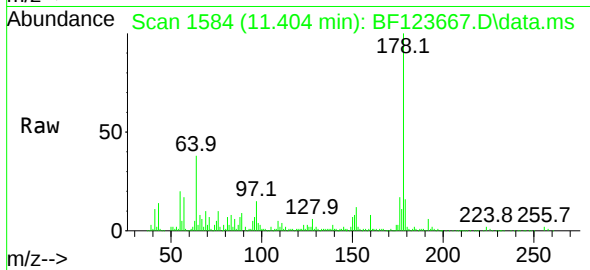




#71
Phenanthrene
Concen: 4.85 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

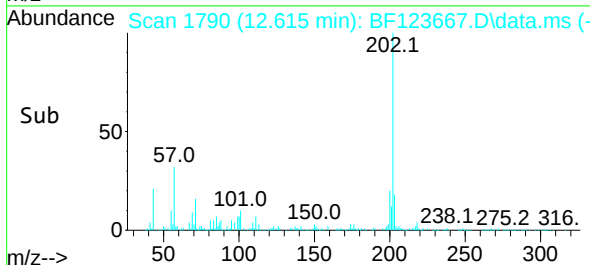
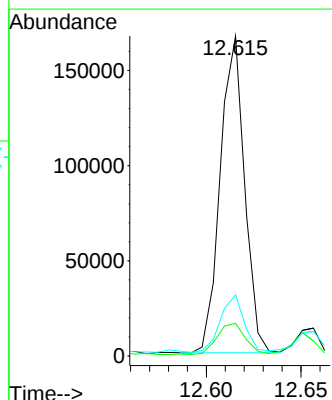
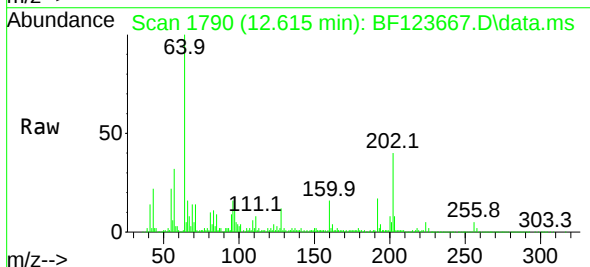
Instrument :
BNA_F
ClientSampleId :
SB-21-14.5-15.0

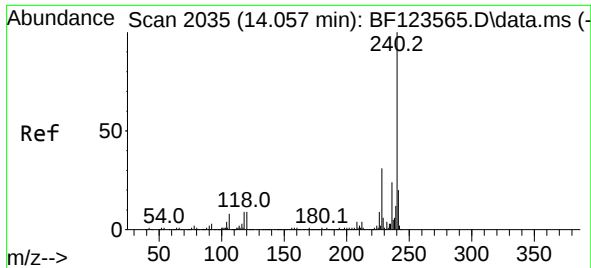
Tgt Ion:178 Resp: 163660
Ion Ratio Lower Upper
178 100
176 17.5 15.6 23.4
179 15.5 12.5 18.7



#75
Fluoranthene
Concen: 4.00 ng
RT: 12.615 min Scan# 1790
Delta R.T. 0.012 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

Tgt Ion:202 Resp: 148650
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.9
203 19.1 0.0 37.5

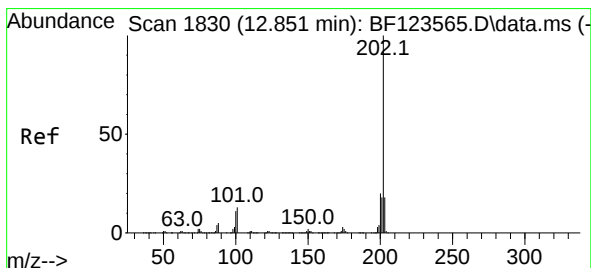
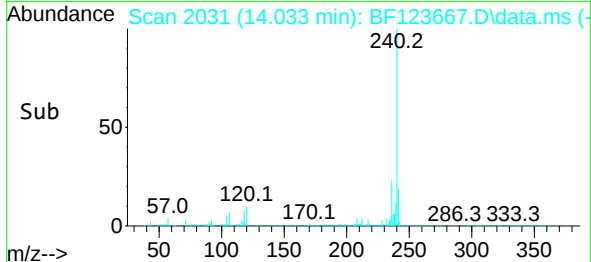
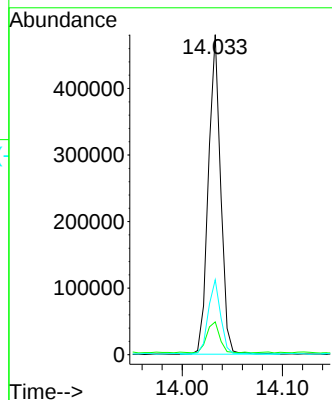
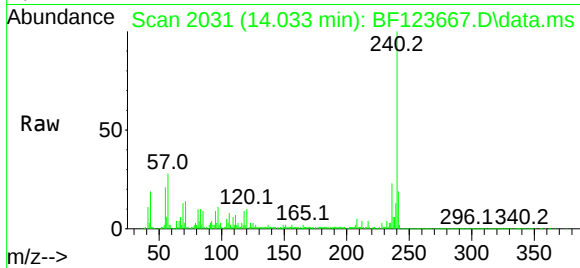




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

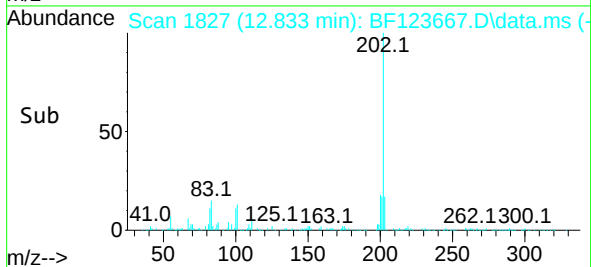
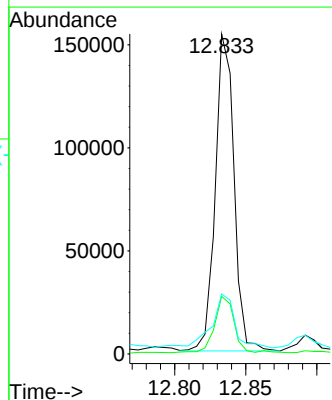
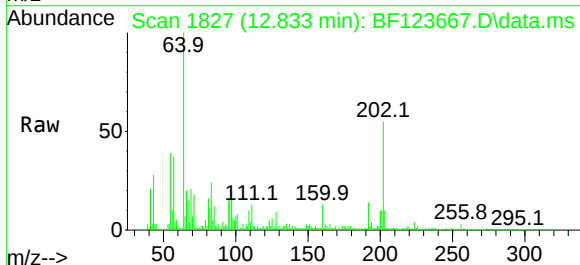
Instrument :
BNA_F
ClientSampleId :
SB-21-14.5-15.0

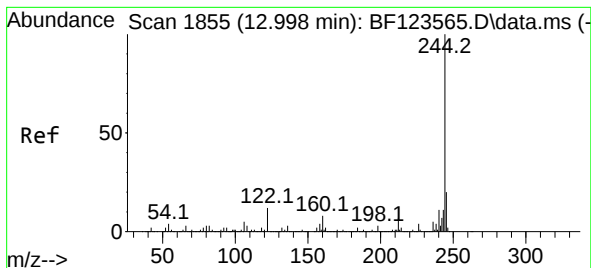
Tgt Ion:240 Resp: 409611
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 23.4 19.0 28.4



#78
Pyrene
Concen: 4.70 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

Tgt Ion:202 Resp: 140409
Ion Ratio Lower Upper
202 100
200 18.0 16.1 24.1
203 18.8 14.8 22.2





#79

Terphenyl-d14

Concen: 44.30 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF123667.D

Acq: 21 Apr 2021 15:06

Tgt Ion:244 Resp: 933711

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

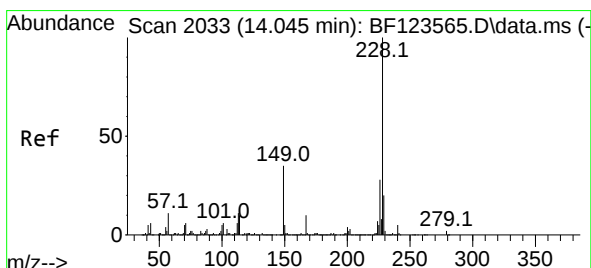
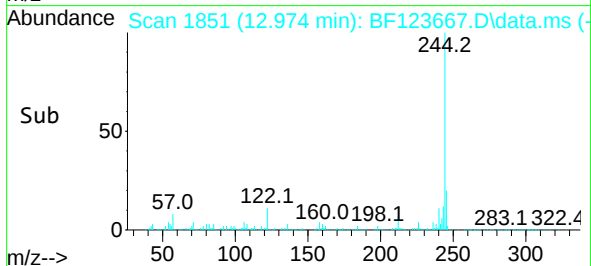
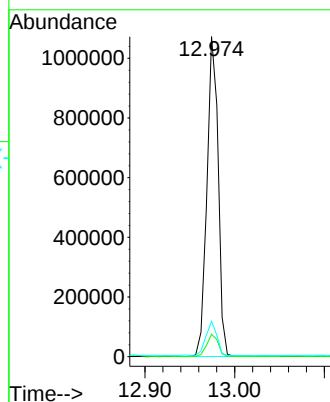
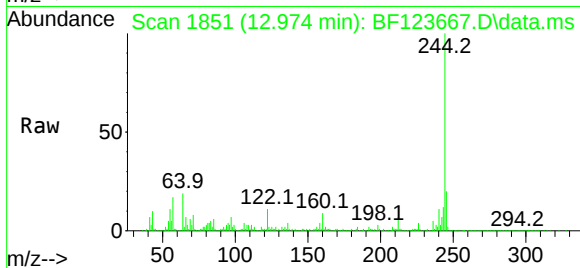
122 11.1 9.7 14.5

Instrument :

BNA_F

ClientSampleId :

SB-21-14.5-15.0



#81

Benzo(a)anthracene

Concen: 2.19 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.035 min

Lab File: BF123667.D

Acq: 21 Apr 2021 15:06

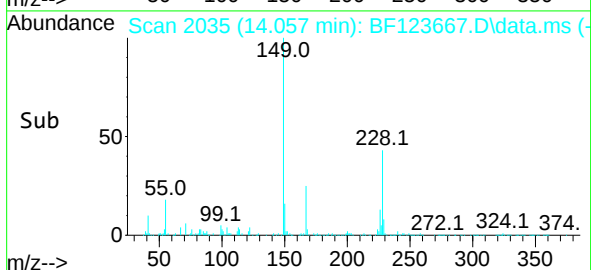
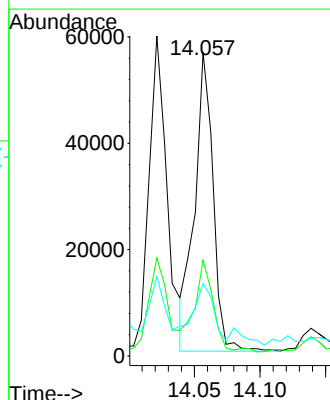
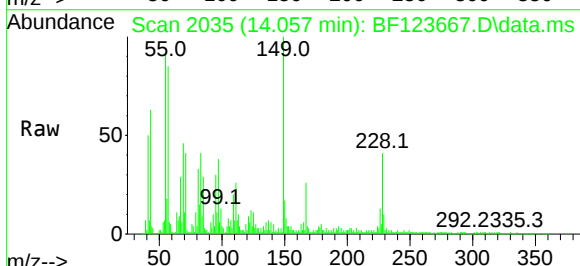
Tgt Ion:228 Resp: 55098

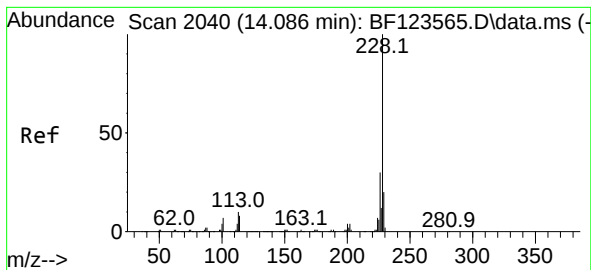
Ion Ratio Lower Upper

228 100

226 31.5 22.4 33.6

229 23.9 16.0 24.0





#83

Chrysene

Concen: 2.19 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF123667.D

Acq: 21 Apr 2021 15:06

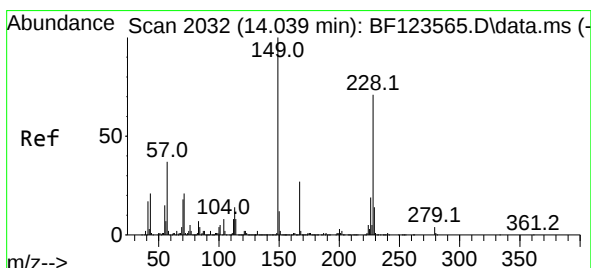
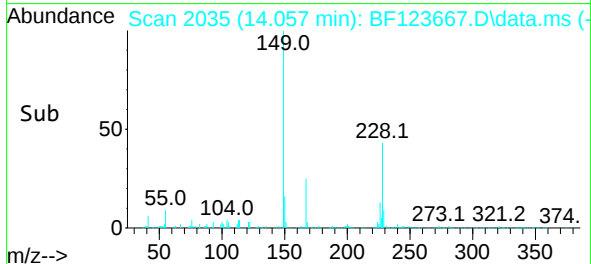
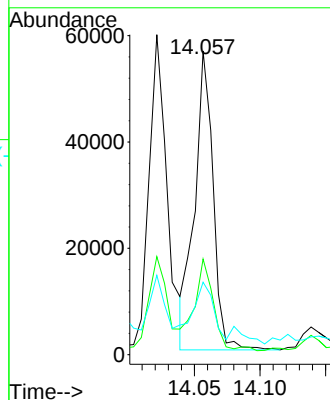
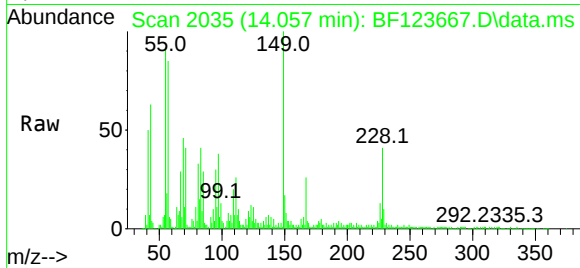
Tgt Ion:228	Resp:	55098
Ion Ratio	Lower	Upper
228	100	
226	31.5	24.3 36.5
229	23.9	16.2 24.2

Instrument :

BNA_F

ClientSampleId :

SB-21-14.5-15.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.85 ng

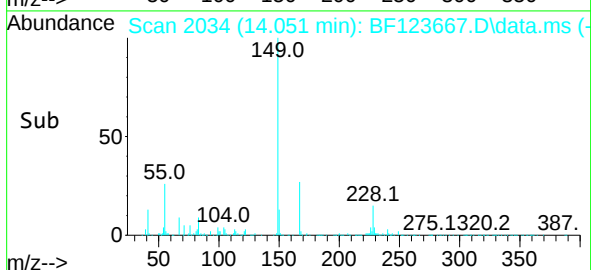
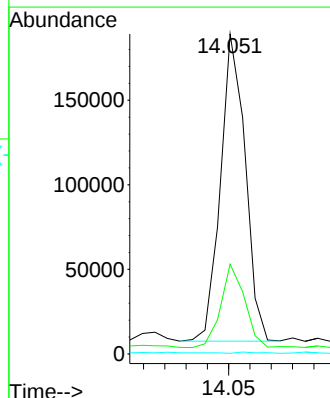
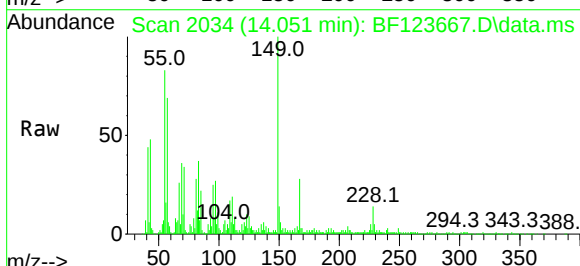
RT: 14.051 min Scan# 2034

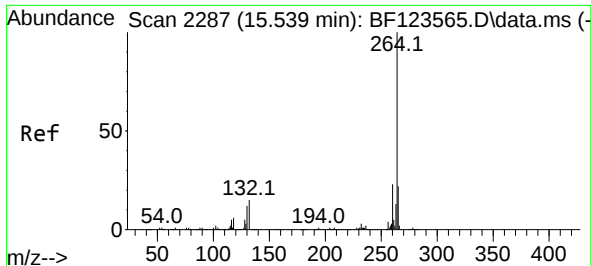
Delta R.T. 0.035 min

Lab File: BF123667.D

Acq: 21 Apr 2021 15:06

Tgt Ion:149	Resp:	146542
Ion Ratio	Lower	Upper
149	100	
167	28.1	21.8 32.6
279	0.2	3.3 4.9#

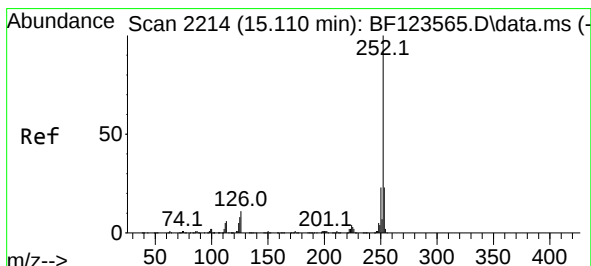
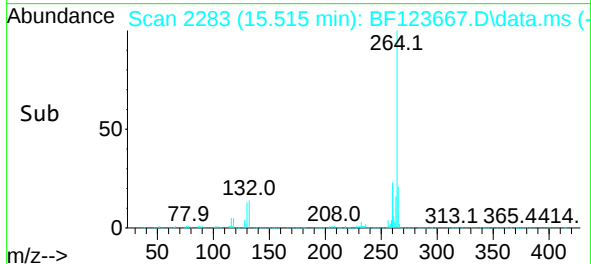
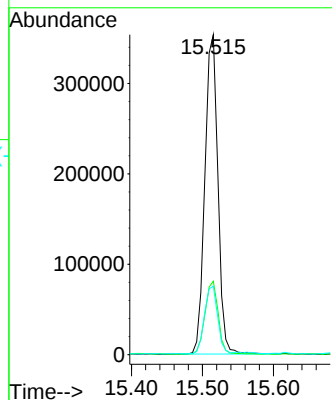
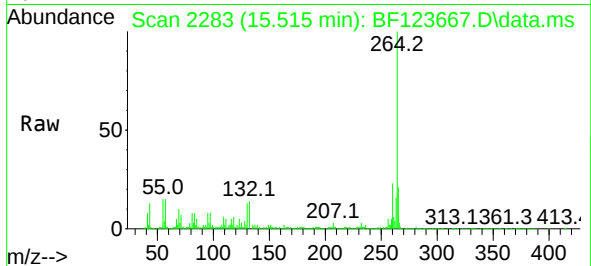




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.012 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

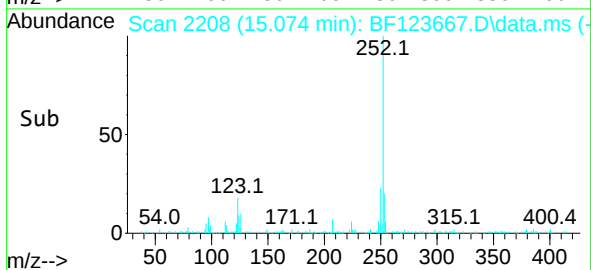
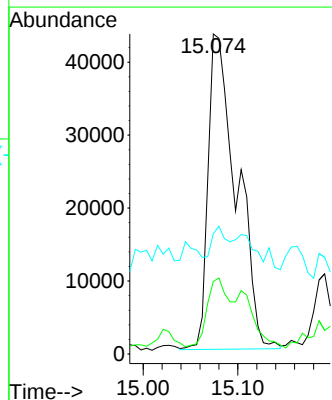
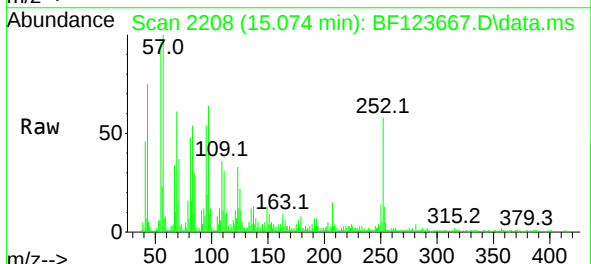
Instrument :
BNA_F
ClientSampleId :
SB-21-14.5-15.0

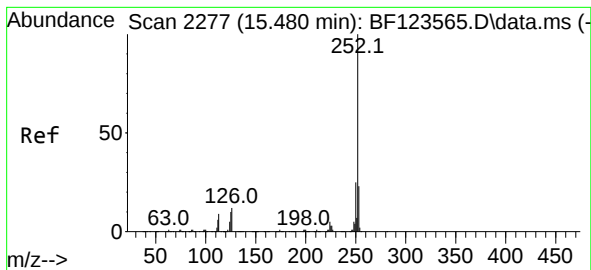
Tgt Ion:264 Resp: 453281
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.4 17.8 26.8



#88
Benzo(b)fluoranthene
Concen: 2.83 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

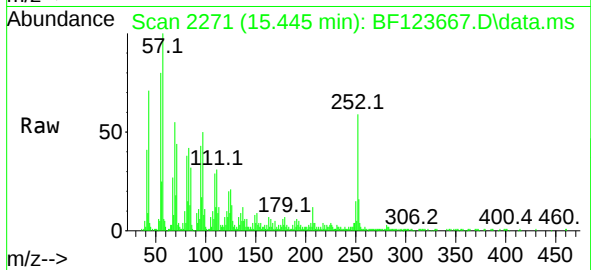
Tgt Ion:252 Resp: 90708
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 37.6 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 2.10 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

Instrument :
BNA_F
ClientSampleId :
SB-21-14.5-15.0



Tgt Ion:252 Resp: 53554
Ion Ratio Lower Upper
252 100
253 28.0 18.4 27.6#
125 36.0 8.0 12.0#

