

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123668.D
 Acq On : 21 Apr 2021 15:39
 Operator : JU/CG
 Sample : M1998-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3D

Quant Time: Apr 21 16:11:58 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)

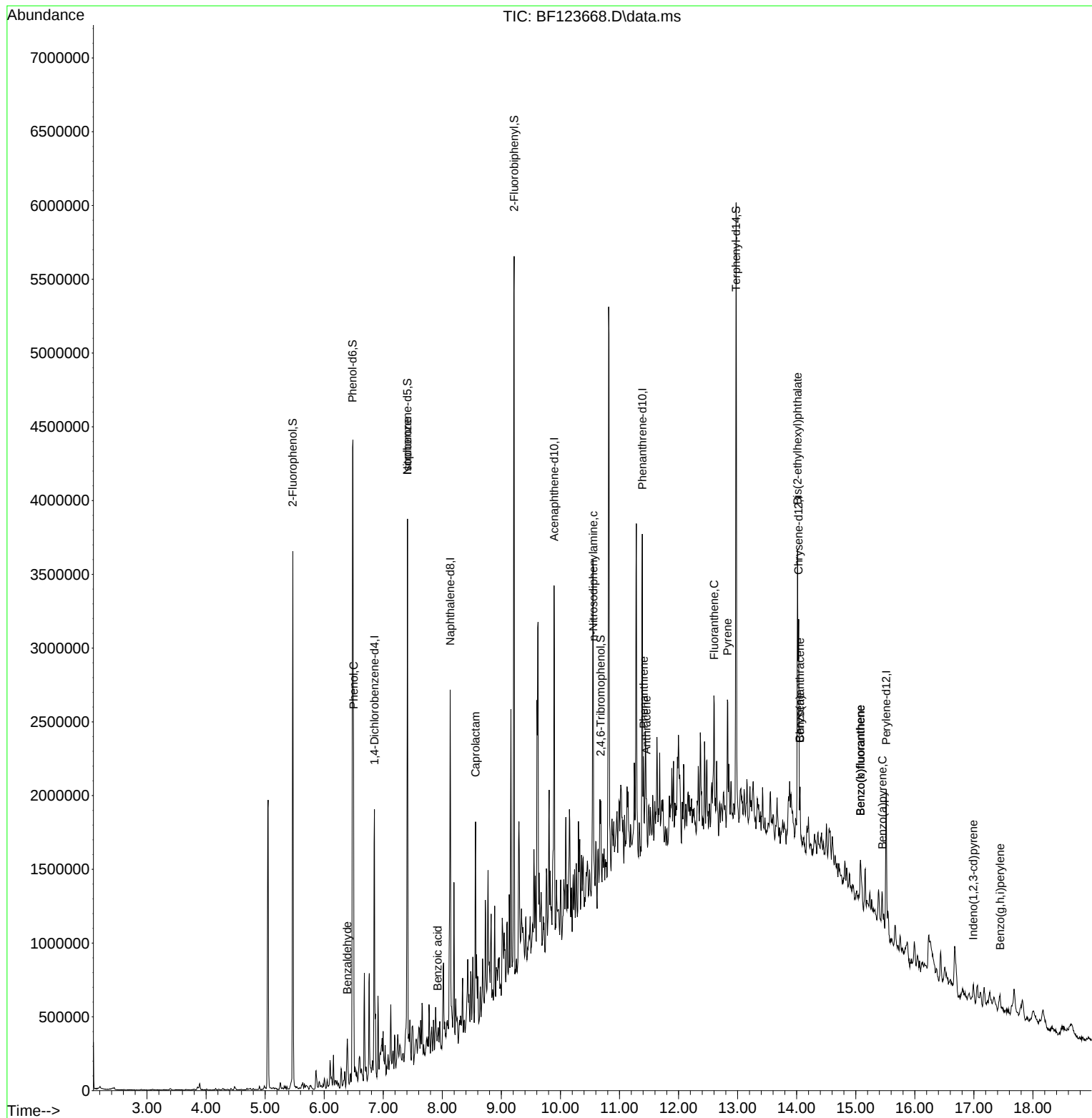
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	221822	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	835802	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	401236	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	737074	20.00	ng	0.00
76) Chrysene-d12	14.033	240	457624	20.00	ng	0.00
86) Perylene-d12	15.515	264	465326	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	777451	56.65	ng	0.00
7) Phenol-d6	6.481	99	1369073	71.99	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1001694	55.10	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	57926	12.75	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1418189	52.69	ng	0.00
79) Terphenyl-d14	12.974	244	1273187	54.07	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.392	77	42449	3.42	ng	98
10) Phenol	6.498	94	531691	26.32	ng	91
25) Isophorone	7.410	82	990058	28.07	ng	# 70
32) Benzoic acid	7.922	122	10213	5.70	ng	# 48
35) Caprolactam	8.563	113	20259	4.94	ng	# 31
66) n-Nitrosodiphenylamine	10.557	169	49140	2.08	ng	# 51
71) Phenanthrene	11.410	178	195134	5.07	ng	97
72) Anthracene	11.457	178	106113	2.76	ng	97
75) Fluoranthene	12.604	202	322833	7.64	ng	97
78) Pyrene	12.827	202	372456	11.15	ng	98
81) Benzo(a)anthracene	14.057	228	140438	5.01	ng	93
83) Chrysene	14.057	228	140438	4.99	ng	96
84) Bis(2-ethylhexyl)phtha...	14.015	149	404152	19.37	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	83012	3.34	ng	96
88) Benzo(b)fluoranthene	15.080	252	205066	6.24	ng	# 84
89) Benzo(k)fluoranthene	15.080	252	205066	5.58	ng	# 83
90) Benzo(a)pyrene	15.451	252	131501	5.03	ng	# 90
92) Benzo(g,h,i)perylene	17.445	276	88200	4.79	ng	96

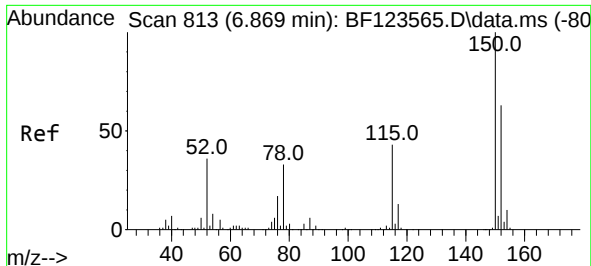
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123668.D
Acq On : 21 Apr 2021 15:39
Operator : JU/CG
Sample : M1998-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

Quant Time: Apr 21 16:11:58 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

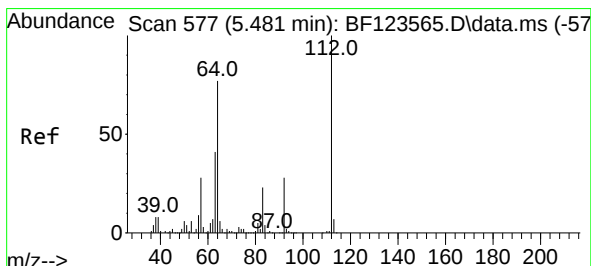
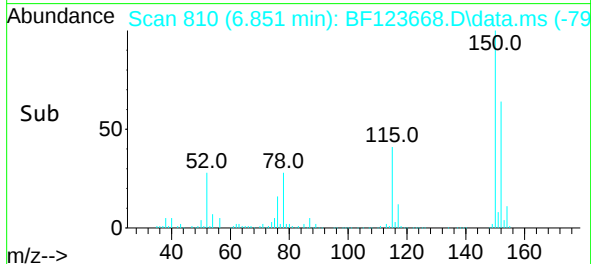
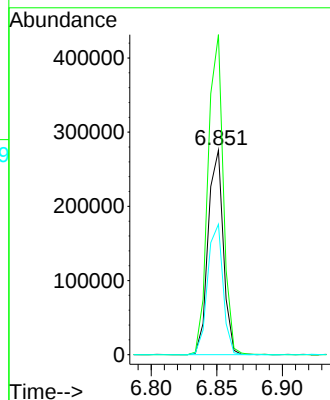
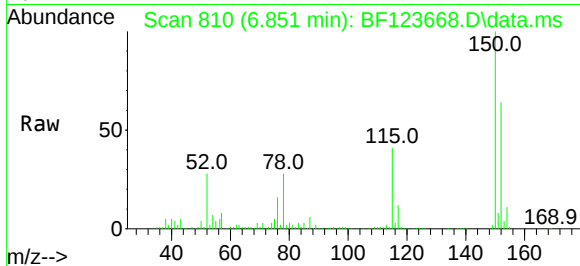




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

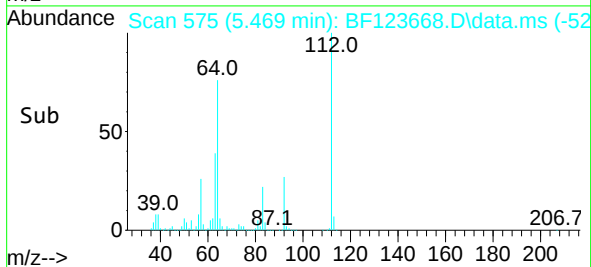
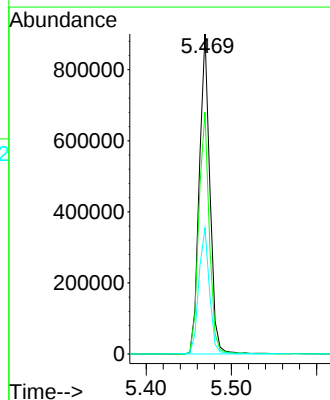
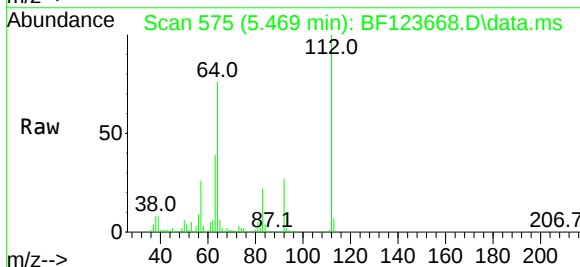
Instrument :
BNA_F
ClientSampleId :
SB-3D

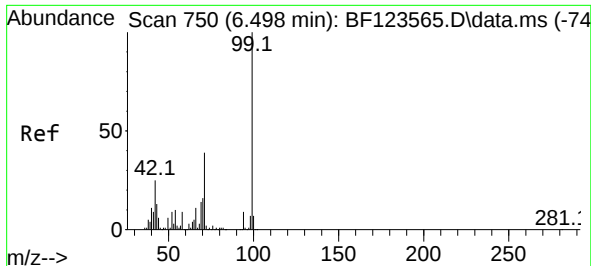
Tgt Ion:152 Resp: 221822
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 63.8 54.3 81.5



#5
2-Fluorophenol
Concen: 56.65 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

Tgt Ion:112 Resp: 777451
Ion Ratio Lower Upper
112 100
64 75.6 61.4 92.0
63 39.3 33.0 49.4

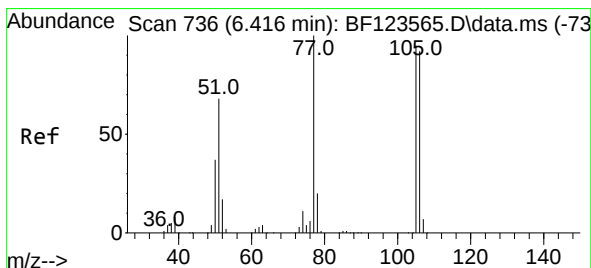
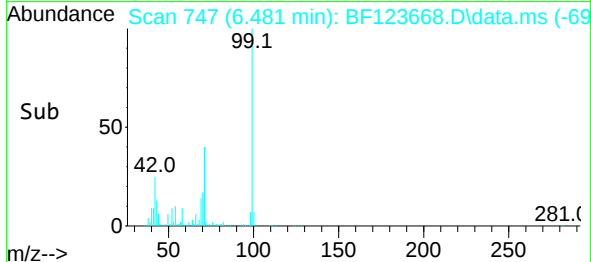
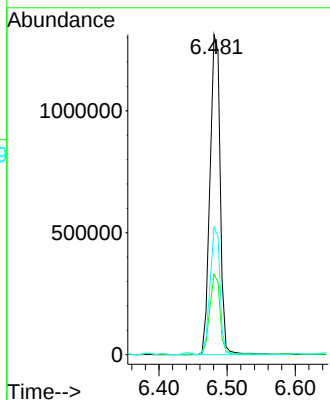
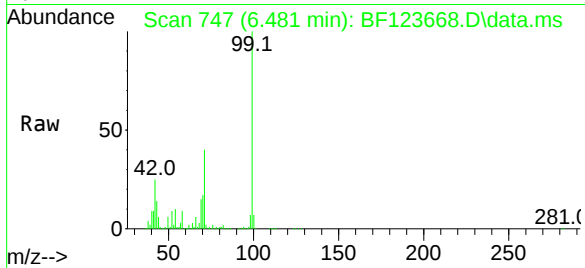




#7
Phenol-d6
Concen: 71.99 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

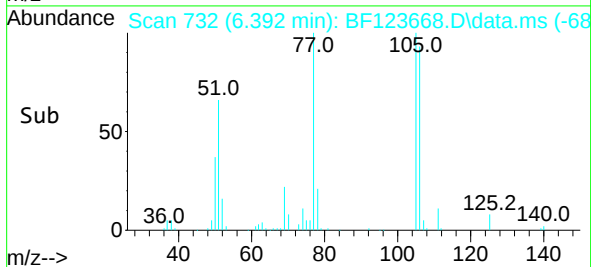
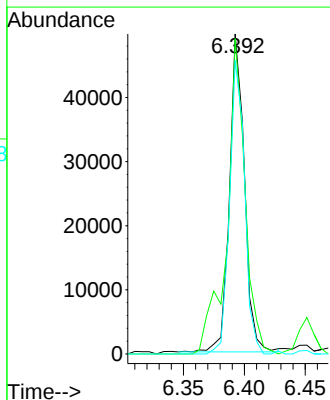
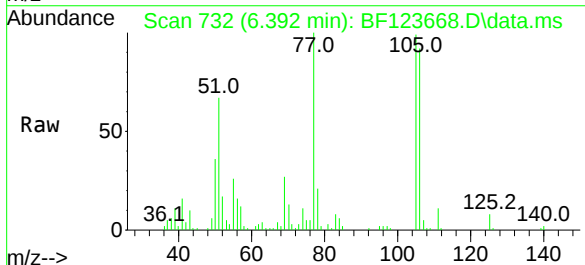
Instrument :
BNA_F
ClientSampleId :
SB-3D

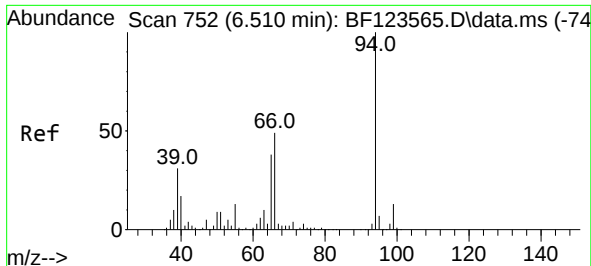
Tgt Ion: 99 Resp: 1369073
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.8
71 39.7 31.1 46.7



#9
Benzaldehyde
Concen: 3.42 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

Tgt Ion: 77 Resp: 42449
Ion Ratio Lower Upper
77 100
105 98.5 75.2 115.2
106 91.7 71.6 111.6

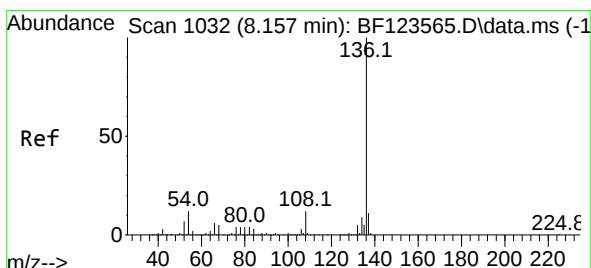
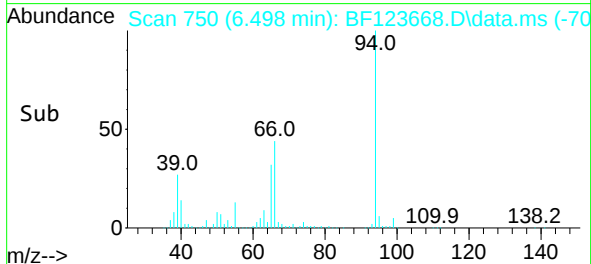
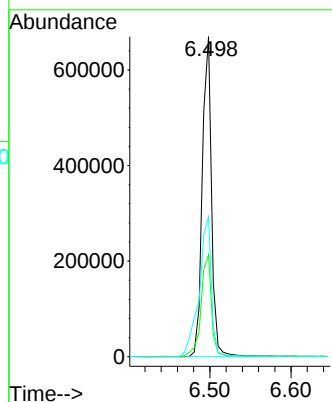
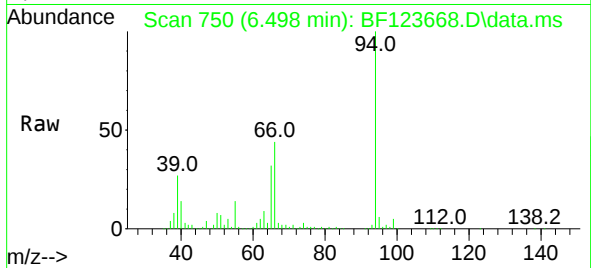




#10
Phenol
Concen: 26.32 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

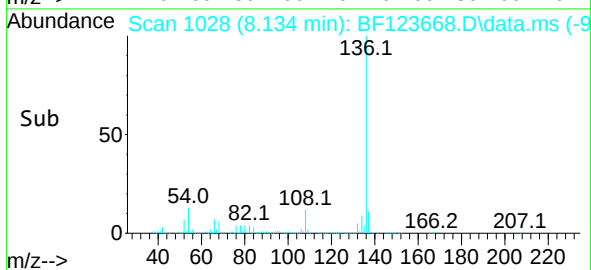
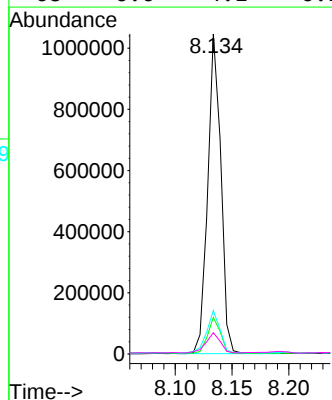
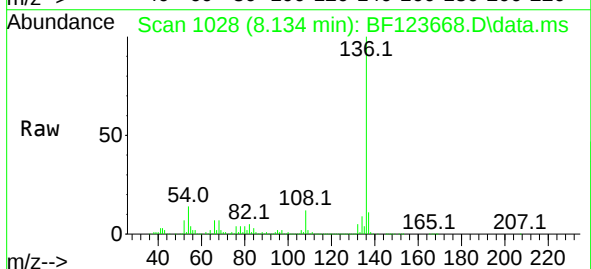
Instrument :
BNA_F
ClientSampleId :
SB-3D

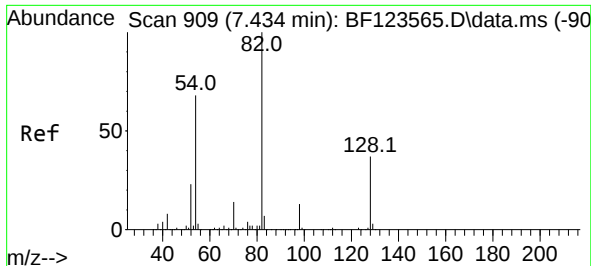
Tgt Ion: 94 Resp: 531691
Ion Ratio Lower Upper
94 100
65 31.9 18.1 58.1
66 43.7 29.0 69.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

Tgt Ion: 136 Resp: 835802
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 13.6 9.8 14.6
68 6.6 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 55.10 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF123668.D

Acq: 21 Apr 2021 15:39

Tgt Ion: 82 Resp: 1001694

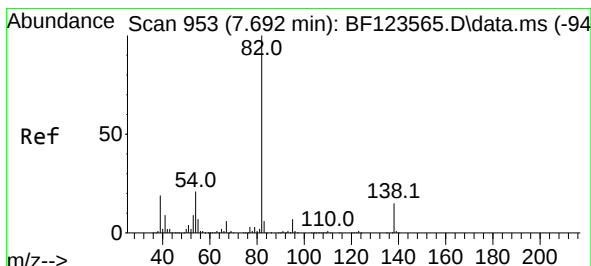
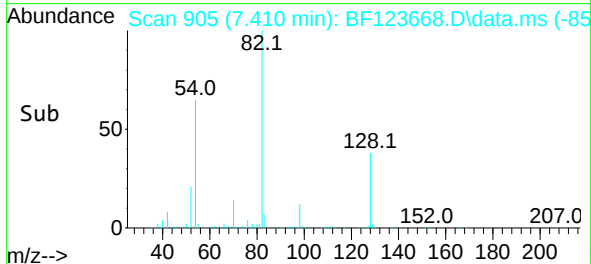
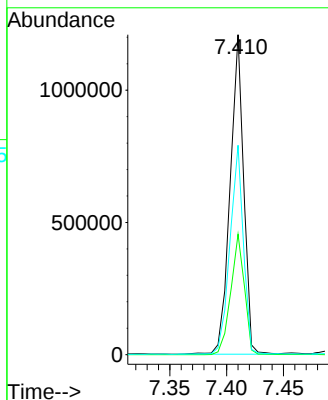
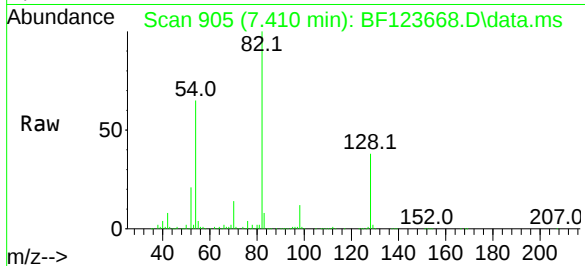
Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.4	44.2
54	65.5	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

SB-3D



#25

Isophorone

Concen: 28.07 ng

RT: 7.410 min Scan# 905

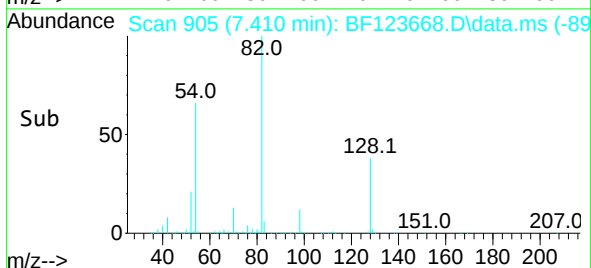
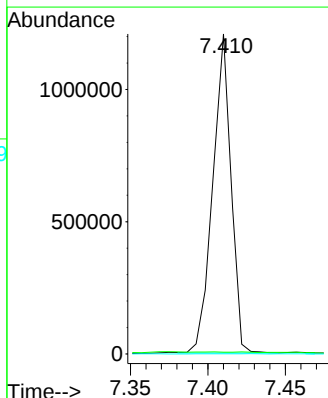
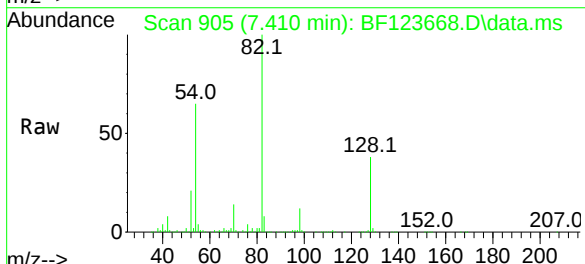
Delta R.T. -0.265 min

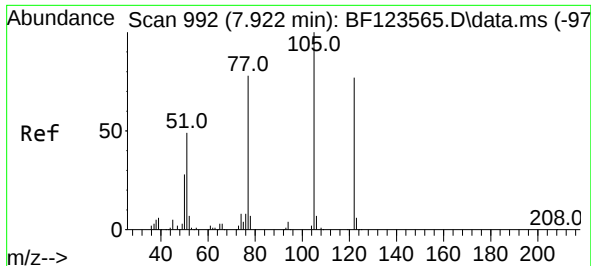
Lab File: BF123668.D

Acq: 21 Apr 2021 15:39

Tgt Ion: 82 Resp: 990058

Ion	Ratio	Lower	Upper
82	100		
95	0.6	5.8	8.6#
138	0.0	11.8	17.8#

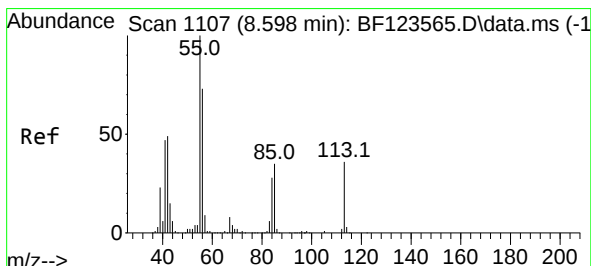
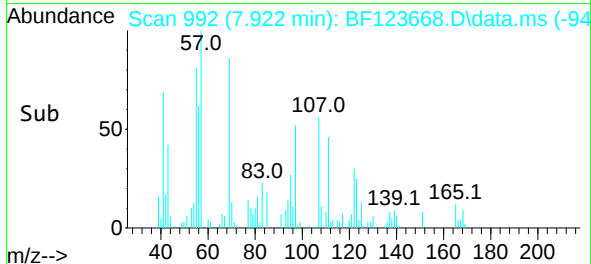
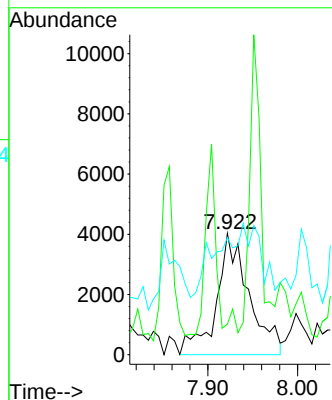
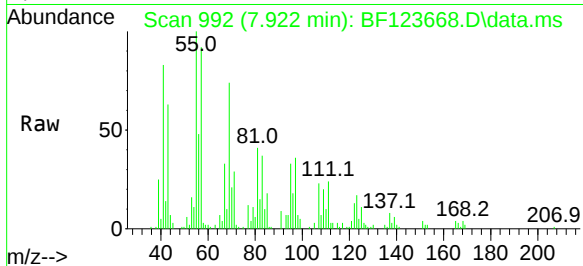




#32
Benzoic acid
Concen: 5.70 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

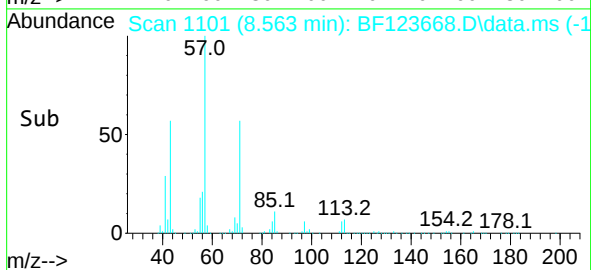
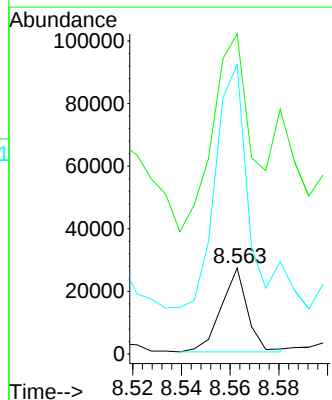
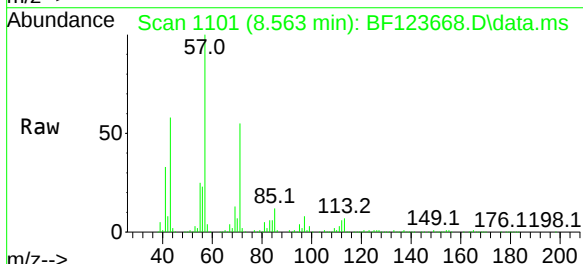
Instrument :
BNA_F
ClientSampleId :
SB-3D

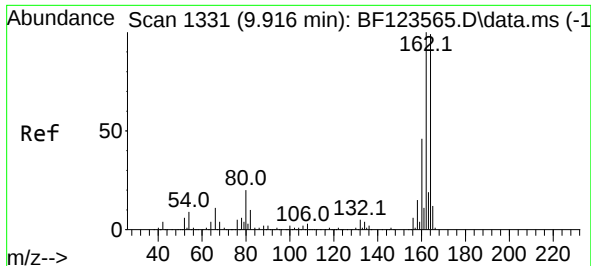
Tgt Ion:122 Resp: 10213
Ion Ratio Lower Upper
122 100
105 25.2 107.8 147.8#
77 96.6 81.6 121.6



#35
Caprolactam
Concen: 4.94 ng
RT: 8.563 min Scan# 1101
Delta R.T. -0.018 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

Tgt Ion:113 Resp: 20259
Ion Ratio Lower Upper
113 100
55 372.3 254.9 294.9#
56 336.7 179.4 219.4#

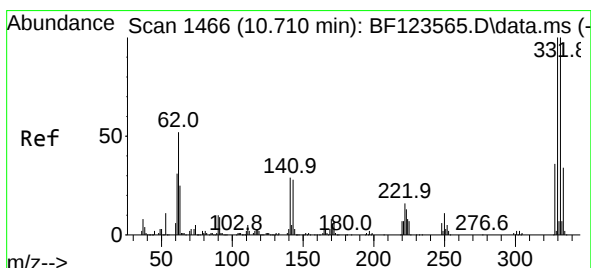
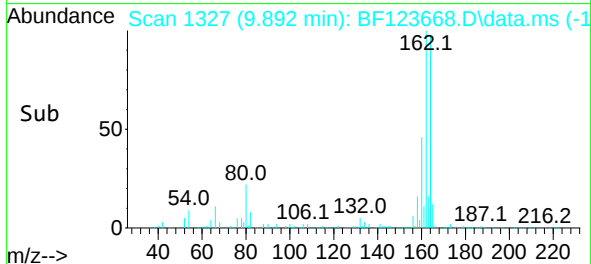
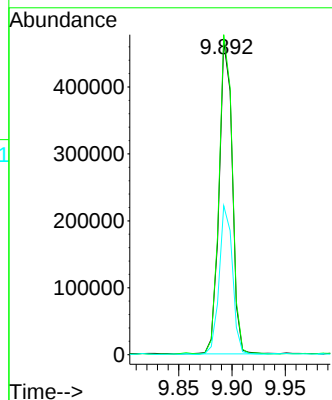
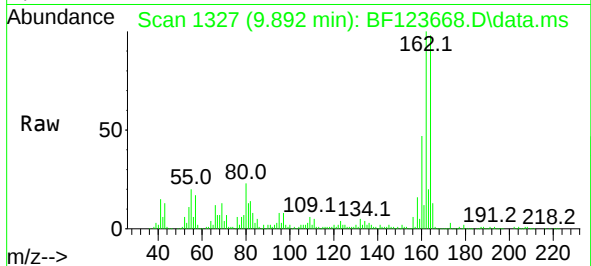




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

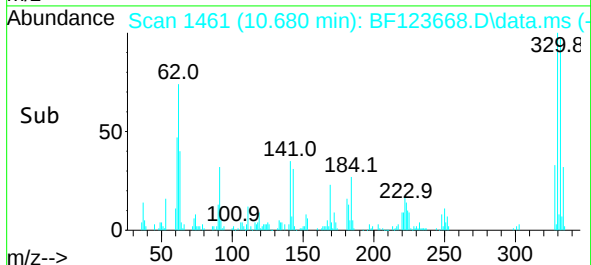
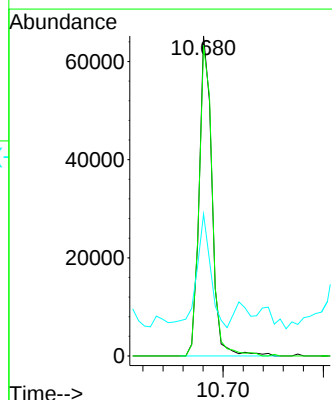
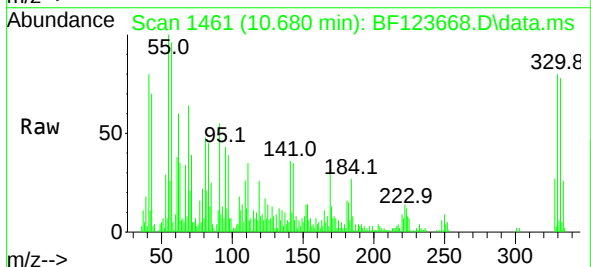
Instrument :
BNA_F
ClientSampleId :
SB-3D

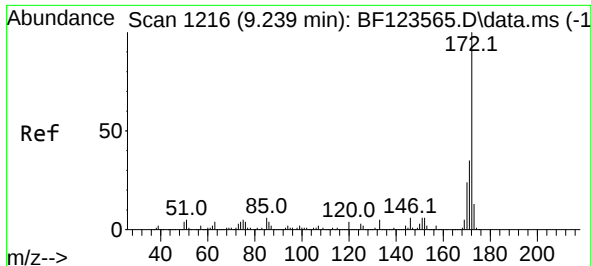
Tgt Ion:164 Resp: 401236
Ion Ratio Lower Upper
164 100
162 102.1 80.7 121.1
160 47.5 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 12.75 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

Tgt Ion:330 Resp: 57926
Ion Ratio Lower Upper
330 100
332 99.7 77.1 115.7
141 38.0 27.9 41.9

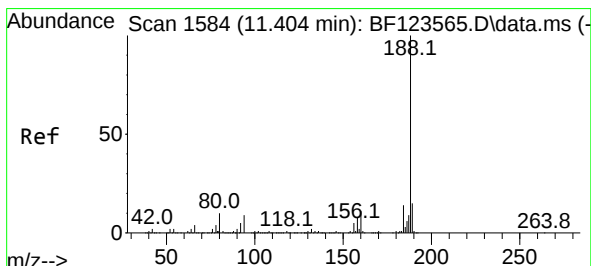
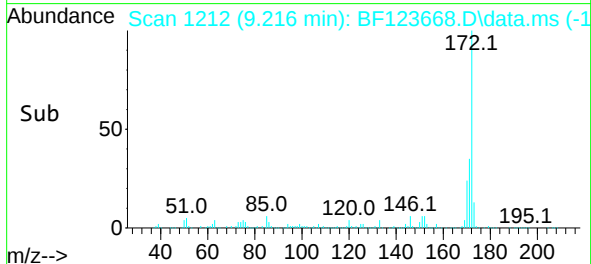
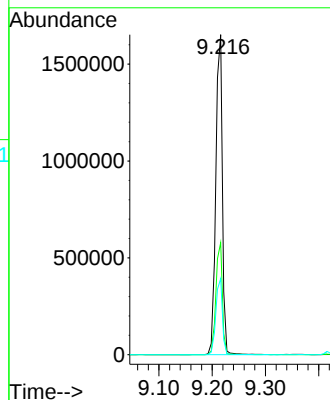
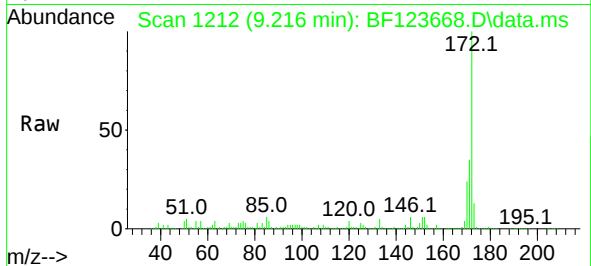




#45
2-Fluorobiphenyl
Concen: 52.69 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

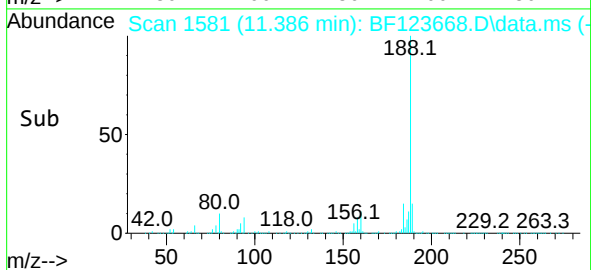
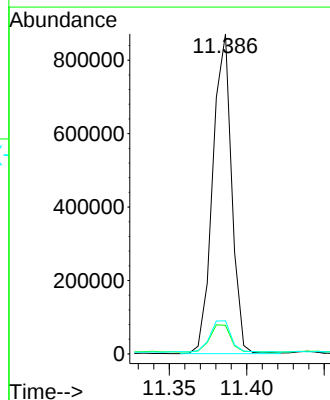
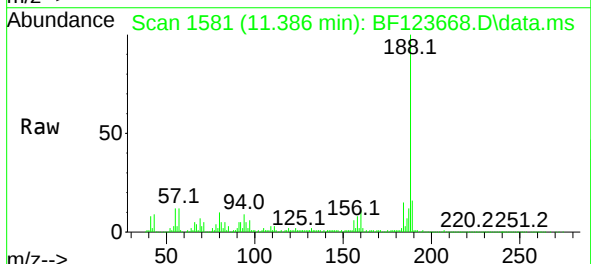
Instrument :
BNA_F
ClientSampleId :
SB-3D

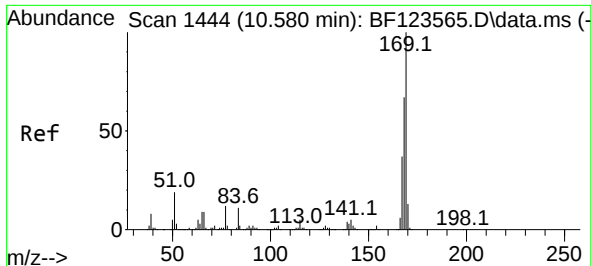
Tgt Ion:172 Resp: 1418189
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.7 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

Tgt Ion:188 Resp: 737074
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 10.4 8.2 12.2

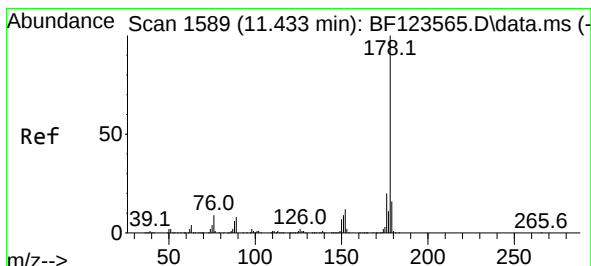
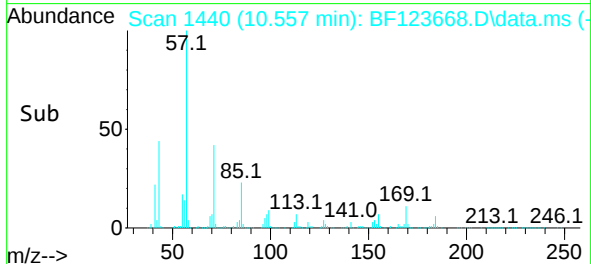
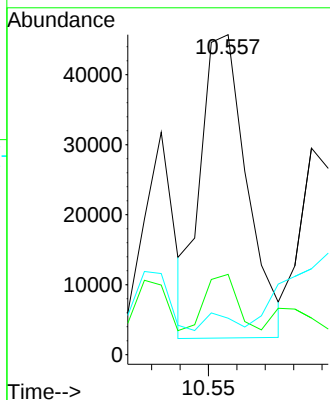
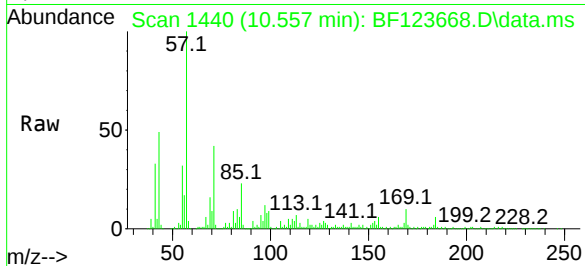




#66
n-Nitrosodiphenylamine
Concen: 2.08 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

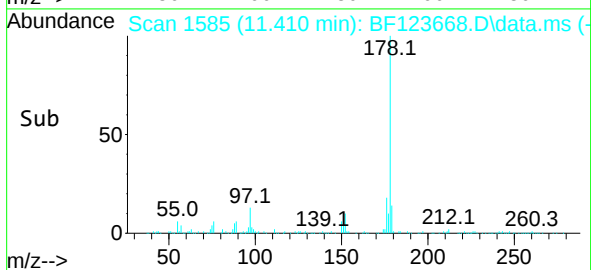
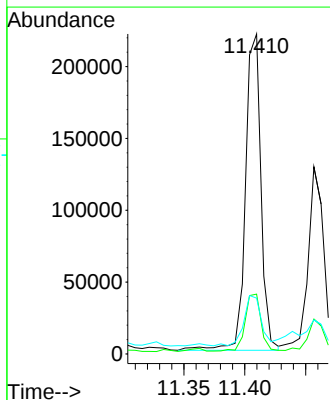
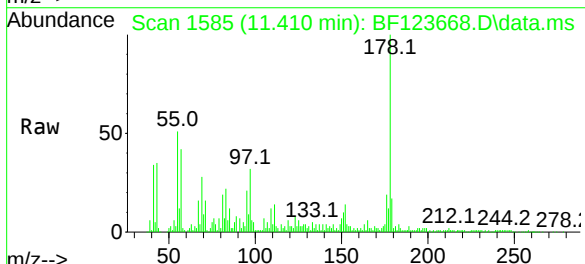
Instrument :
BNA_F
ClientSampleId :
SB-3D

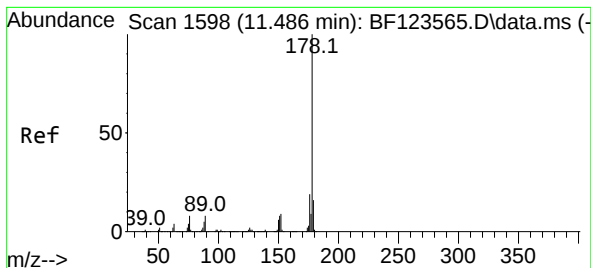
Tgt Ion:169 Resp: 49140
Ion Ratio Lower Upper
169 100
168 25.1 53.3 79.9#
167 11.4 29.9 44.9#



#71
Phenanthrene
Concen: 5.07 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

Tgt Ion:178 Resp: 195134
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 17.4 12.5 18.7





#72

Anthracene

Concen: 2.76 ng

RT: 11.457 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF123668.D

Acq: 21 Apr 2021 15:39

Tgt Ion:178 Resp: 106113

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

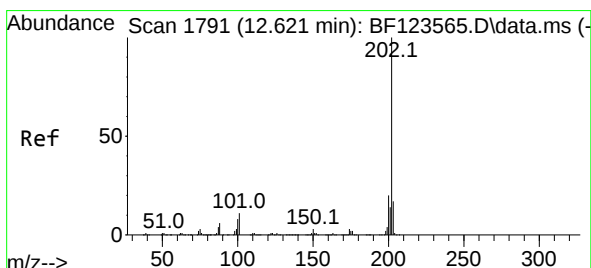
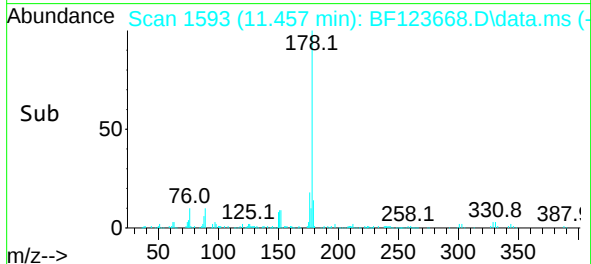
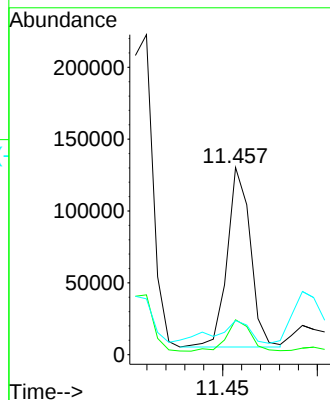
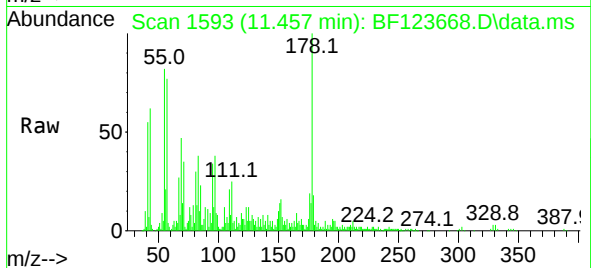
179 18.2 12.6 18.8

Instrument :

BNA_F

ClientSampleId :

SB-3D



#75

Fluoranthene

Concen: 7.64 ng

RT: 12.604 min Scan# 1788

Delta R.T. -0.000 min

Lab File: BF123668.D

Acq: 21 Apr 2021 15:39

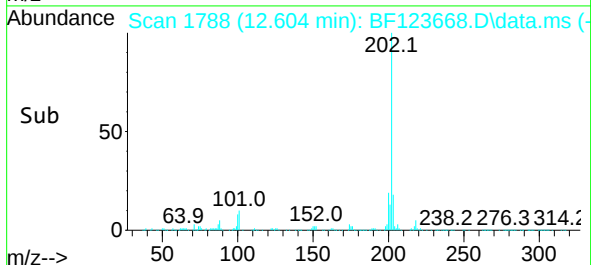
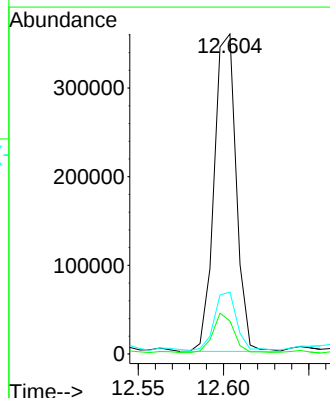
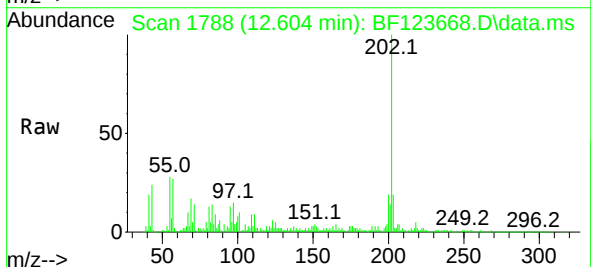
Tgt Ion:202 Resp: 322833

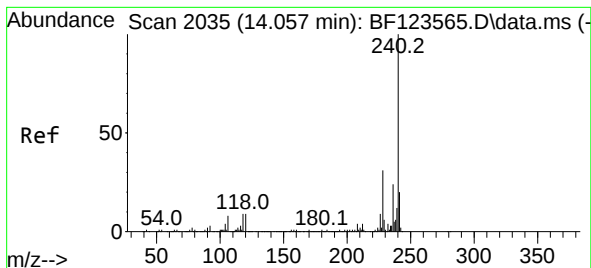
Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.9

203 19.3 0.0 37.5

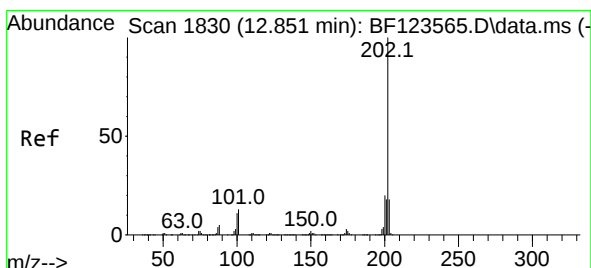
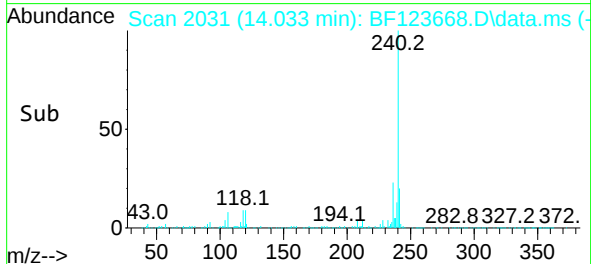
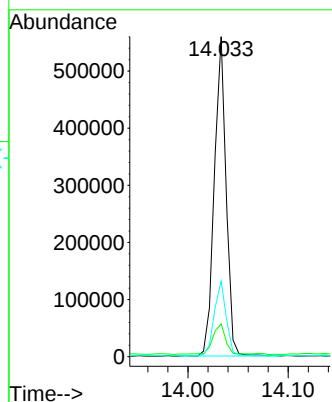
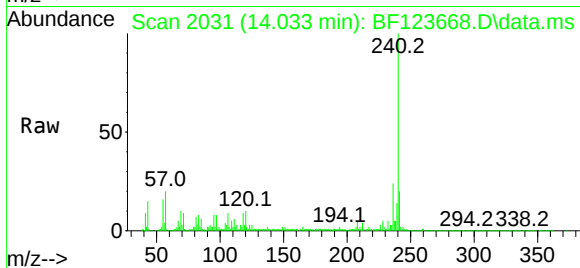




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

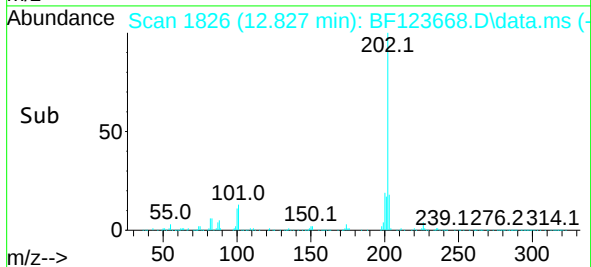
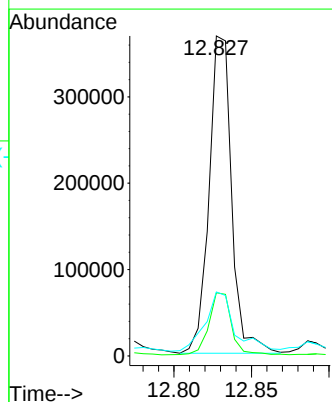
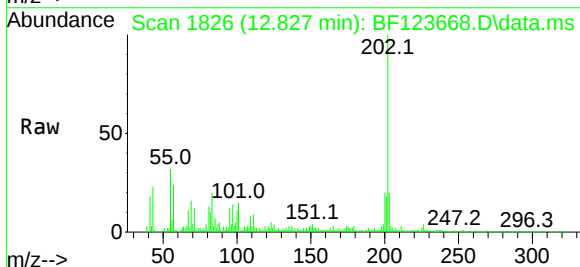
Instrument :
BNA_F
ClientSampleId :
SB-3D

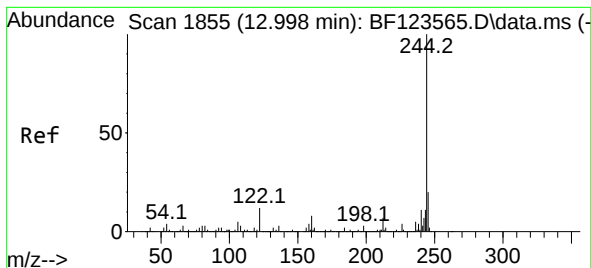
Tgt Ion:240 Resp: 457624
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 23.7 19.0 28.4



#78
Pyrene
Concen: 11.15 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

Tgt Ion:202 Resp: 372456
Ion Ratio Lower Upper
202 100
200 19.7 16.1 24.1
203 20.0 14.8 22.2





#79

Terphenyl-d14

Concen: 54.07 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF123668.D

Acq: 21 Apr 2021 15:39

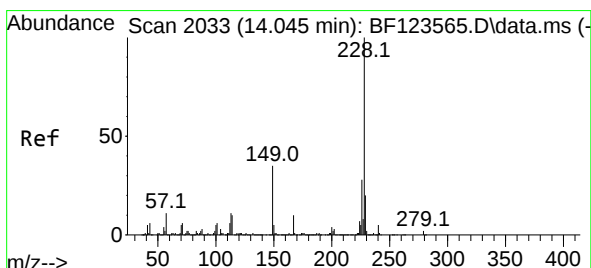
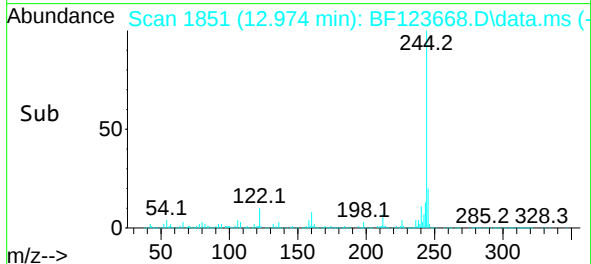
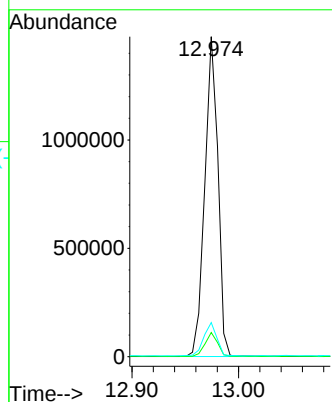
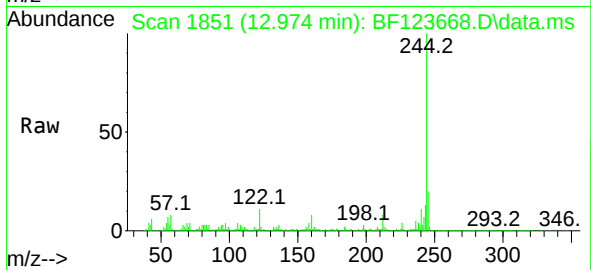
Tgt Ion:244 Resp: 1273187

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

122 10.7 9.7 14.5



#81

Benzo(a)anthracene

Concen: 5.01 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.035 min

Lab File: BF123668.D

Acq: 21 Apr 2021 15:39

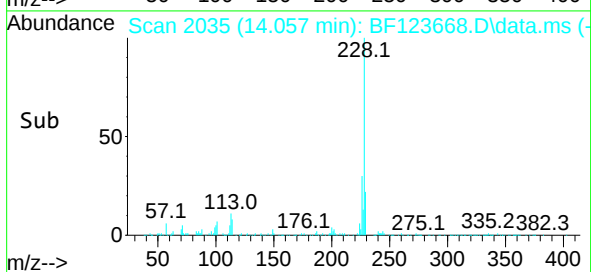
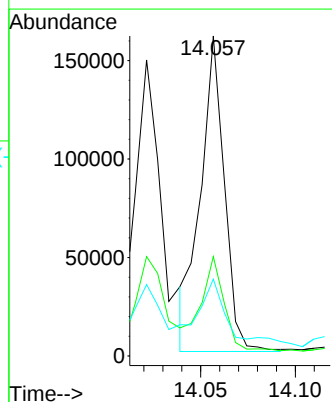
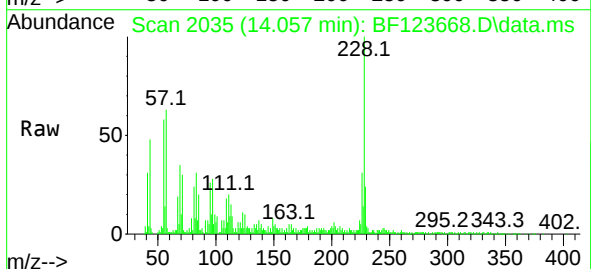
Tgt Ion:228 Resp: 140438

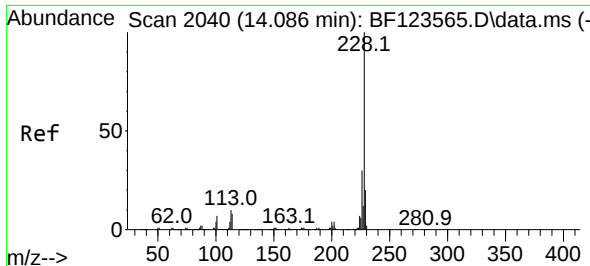
Ion Ratio Lower Upper

228 100

226 31.0 22.4 33.6

229 24.0 16.0 24.0

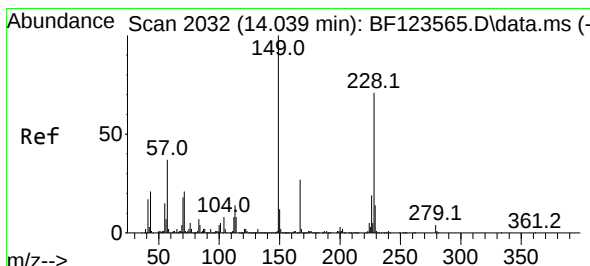
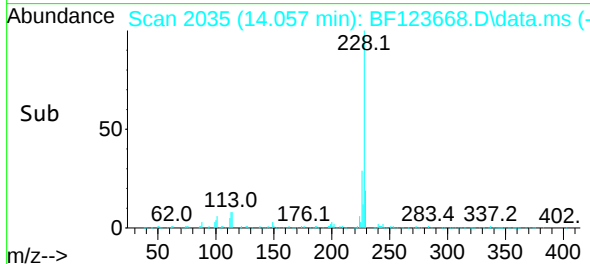
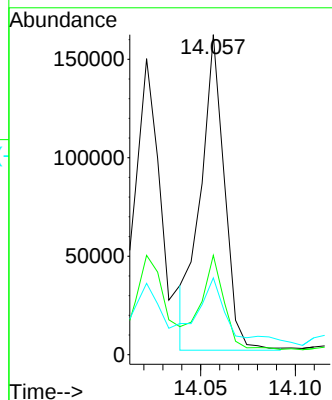
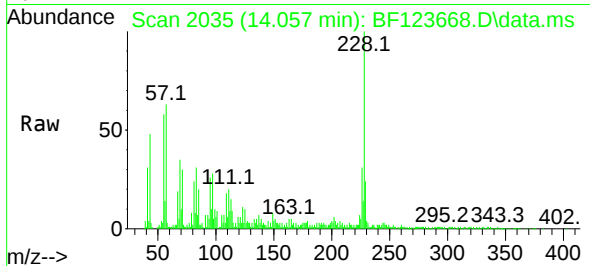




#83
Chrysene
Concen: 4.99 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

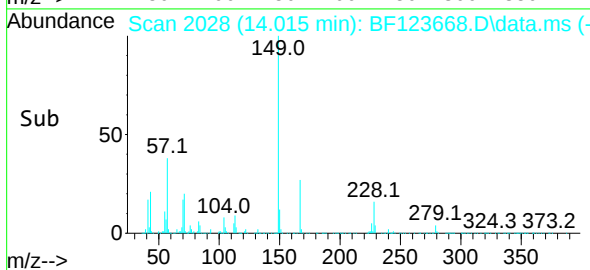
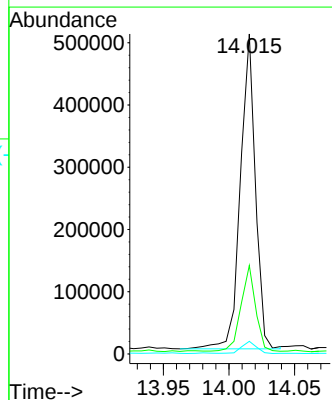
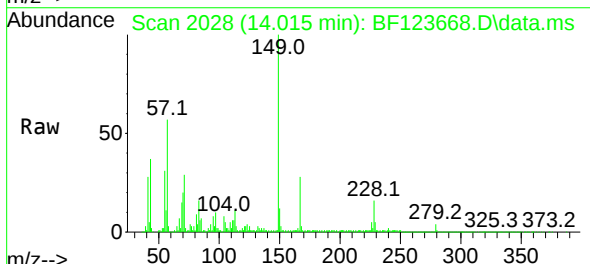
Instrument :
BNA_F
ClientSampleId :
SB-3D

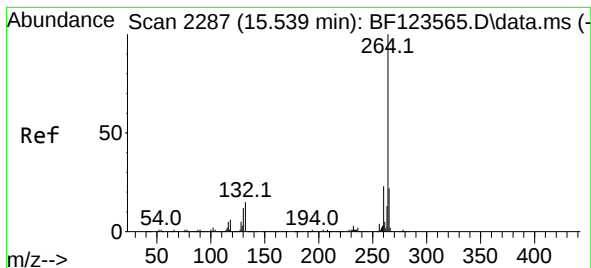
Tgt Ion:228 Resp: 140438
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 24.0 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 19.37 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

Tgt Ion:149 Resp: 404152
Ion Ratio Lower Upper
149 100
167 27.6 21.8 32.6
279 3.9 3.3 4.9

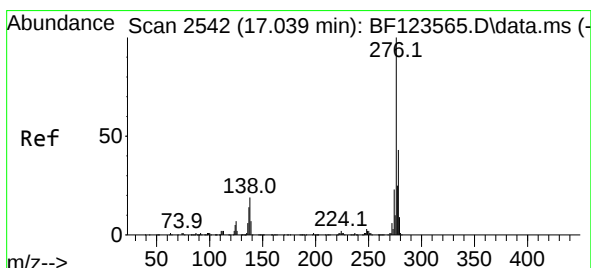
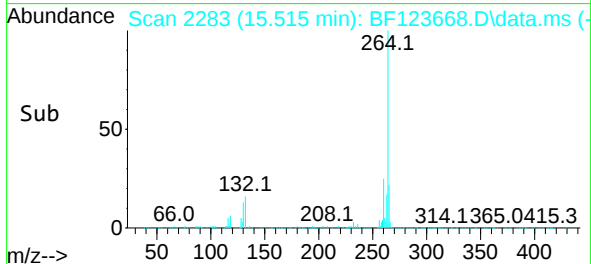
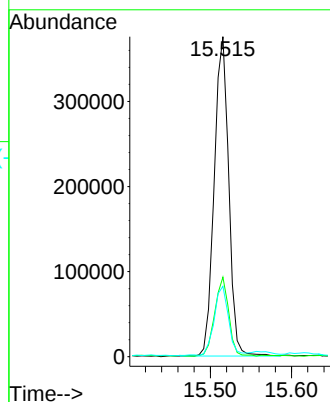
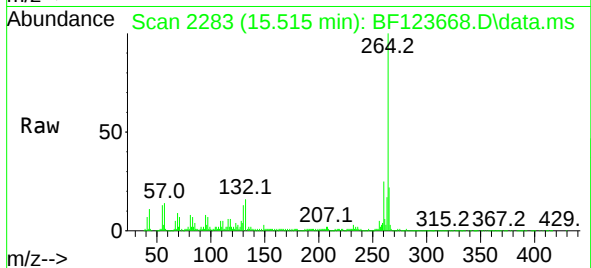




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.012 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

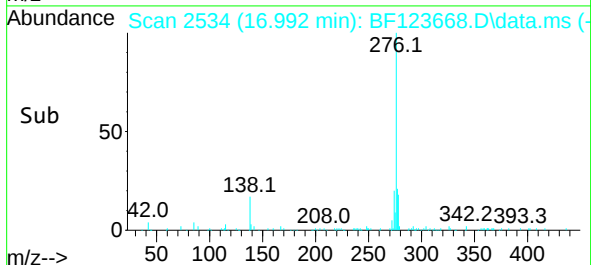
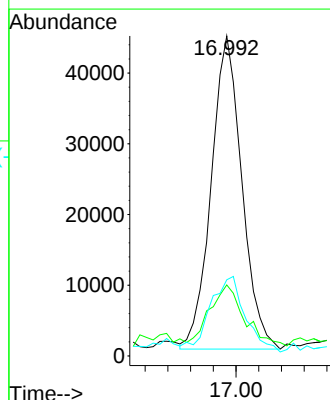
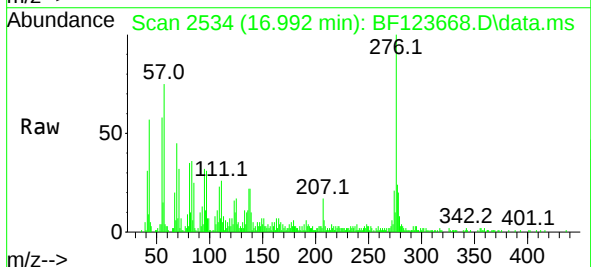
Instrument :
BNA_F
ClientSampleId :
SB-3D

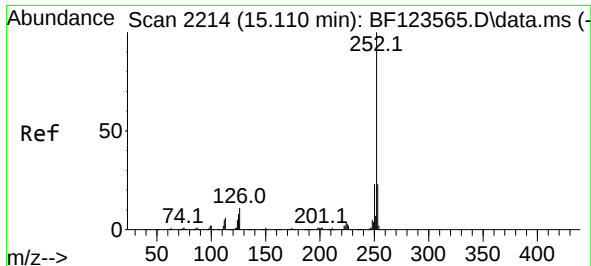
Tgt Ion:264 Resp: 465326
Ion Ratio Lower Upper
264 100
260 24.9 18.7 28.1
265 22.0 17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.34 ng
RT: 16.992 min Scan# 2534
Delta R.T. 0.006 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

Tgt Ion:276 Resp: 83012
Ion Ratio Lower Upper
276 100
138 21.9 16.2 24.2
277 27.6 20.1 30.1

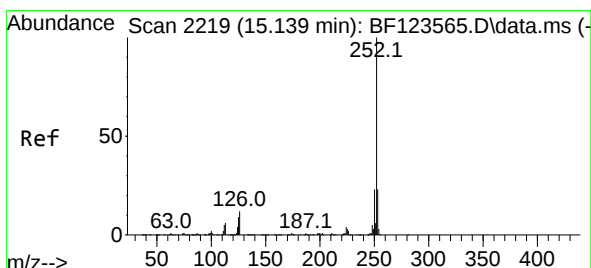
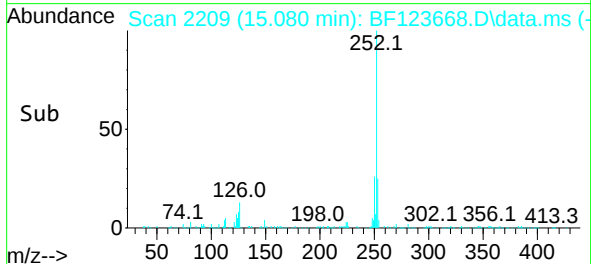
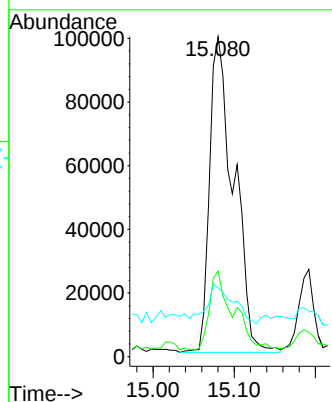
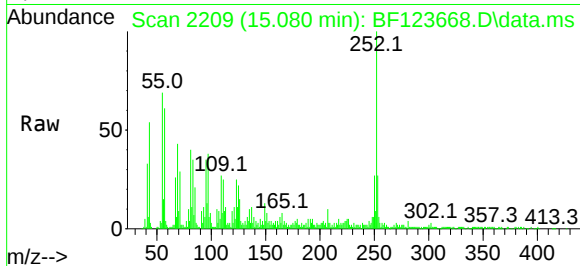




#88
Benzo(b)fluoranthene
Concen: 6.24 ng
RT: 15.080 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

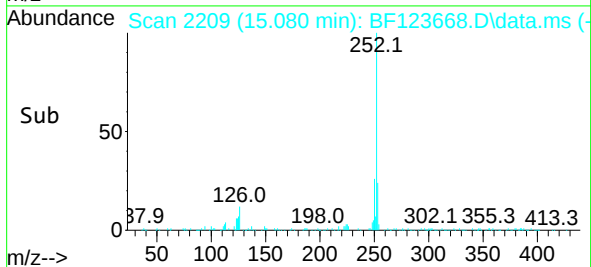
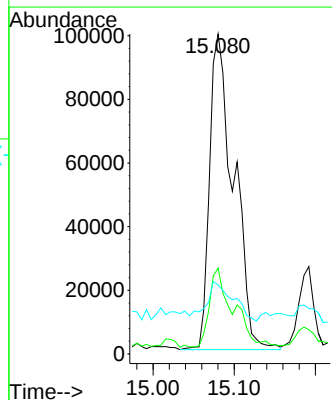
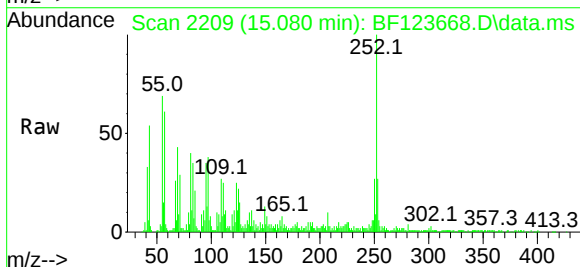
Instrument :
BNA_F
ClientSampled :
SB-3D

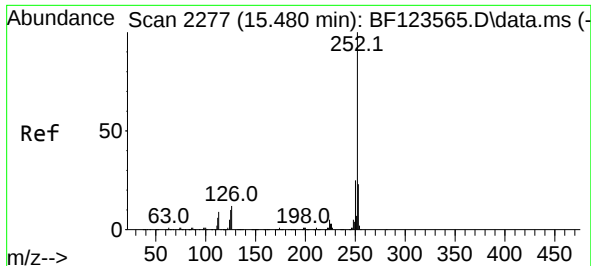
Tgt Ion:252 Resp: 205066
Ion Ratio Lower Upper
252 100
253 26.8 18.1 27.1
125 21.5 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 5.58 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.029 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

Tgt Ion:252 Resp: 205066
Ion Ratio Lower Upper
252 100
253 26.8 17.9 26.9
125 21.5 7.0 10.6#

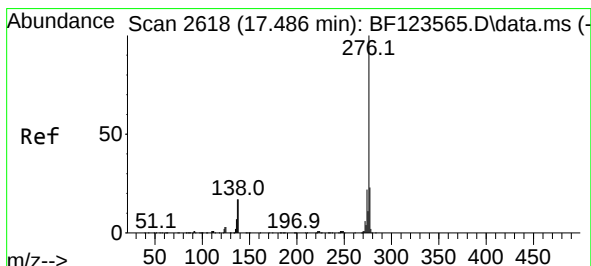
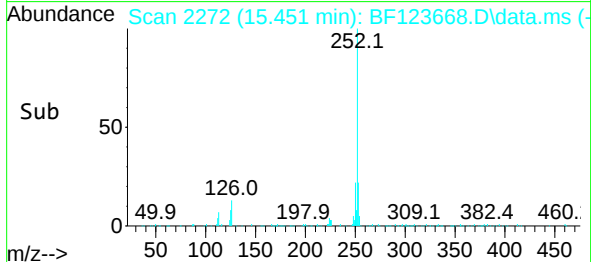
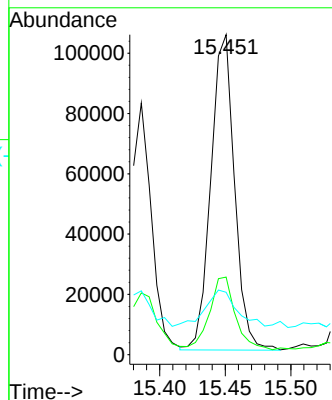
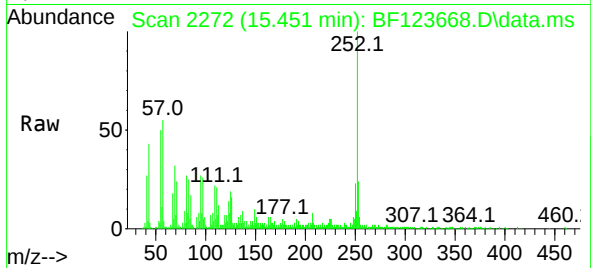




#90
Benzo(a)pyrene
Concen: 5.03 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion:252 Resp: 131501
Ion Ratio Lower Upper
252 100
253 24.3 18.4 27.6
125 19.5 8.0 12.0#



#92
Benzo(g,h,i)perylene
Concen: 4.79 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.006 min
Lab File: BF123668.D
Acq: 21 Apr 2021 15:39

Tgt Ion:276 Resp: 88200
Ion Ratio Lower Upper
276 100
277 23.7 18.2 27.2
138 19.6 13.8 20.6

