

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
 Data File : BF123657.D
 Acq On : 20 Apr 2021 23:01
 Operator : JU/CG
 Sample : M2077-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-14.5-15.0

Quant Time: Apr 21 01:23:08 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)

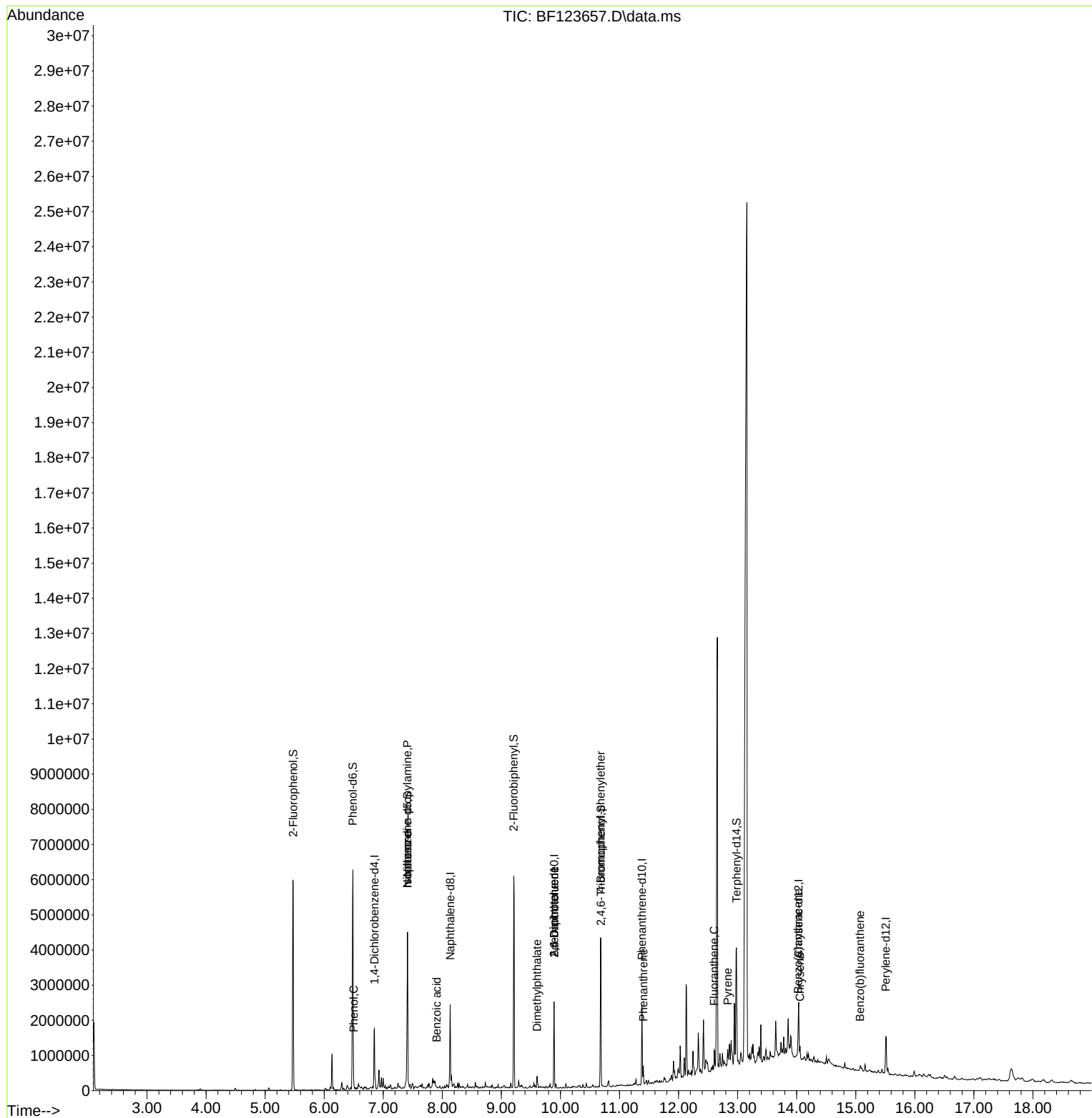
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	234245	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	883318	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	426387	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	735277	20.00	ng	0.00
76) Chrysene-d12	14.033	240	474500	20.00	ng	0.00
86) Perylene-d12	15.510	264	512409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1426839	98.45	ng	0.00
7) Phenol-d6	6.487	99	1841520	91.69	ng	0.00
23) Nitrobenzene-d5	7.410	82	1309878	68.17	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	465453	96.40	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1791786	62.64	ng	0.00
79) Terphenyl-d14	12.980	244	1355639	55.53	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.498	94	53487	2.51	ng	92
19) n-Nitroso-di-n-propyla...	7.410	70	192283	14.45	ng	# 77
25) Isophorone	7.410	82	1301604	34.92	ng	# 69
32) Benzoic acid	7.904	122	485	4.60	ng	# 1
50) Dimethylphthalate	9.604	163	90454	3.07	ng	99
51) 2,6-Dinitrotoluene	9.892	165	56065	8.67	ng	# 11
57) 2,4-Dinitrotoluene	9.892	165	56065	6.49	ng	# 17
67) 4-Bromophenyl-phenylether	10.680	248	27086	3.52	ng	# 1
71) Phenanthrene	11.404	178	163896	4.27	ng	99
75) Fluoranthene	12.604	202	222138	5.27	ng	96
78) Pyrene	12.833	202	192063	5.55	ng	96
81) Benzo(a)anthracene	14.021	228	75851	2.61	ng	94
83) Chrysene	14.057	228	70175	2.40	ng	98
88) Benzo(b)fluoranthene	15.074	252	107841	2.98	ng	# 90

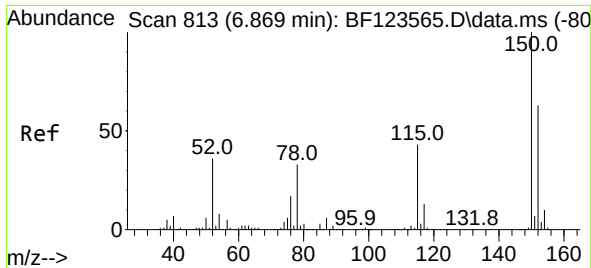
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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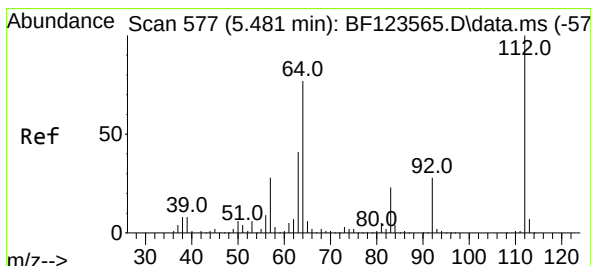
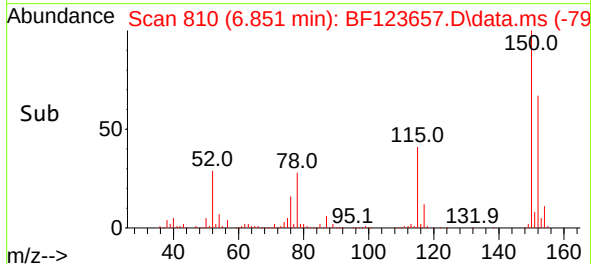
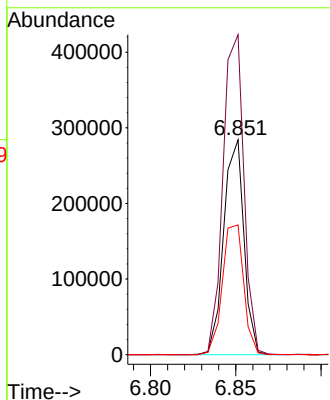
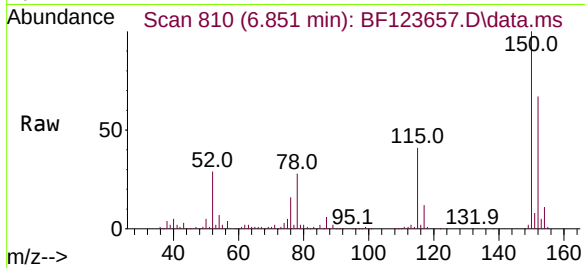




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.851 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: BF123657.D
 Acq: 20 Apr 2021 23:01

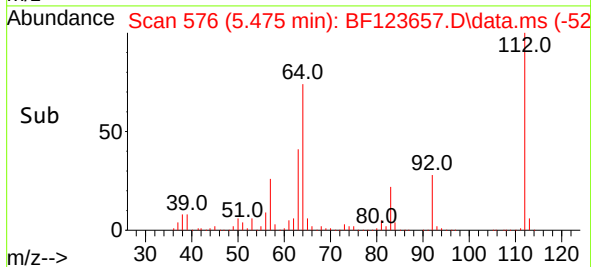
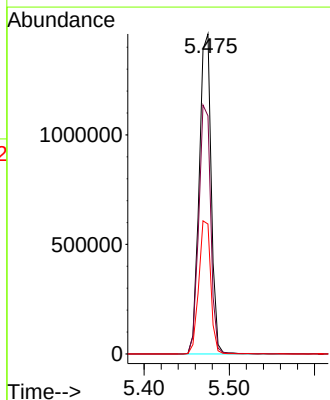
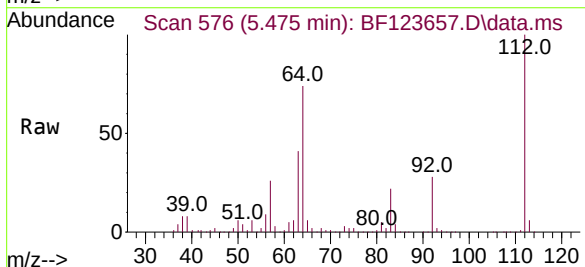
Instrument :
 BNA_F
 ClientSampleId :
 SB-19-14.5-15.0

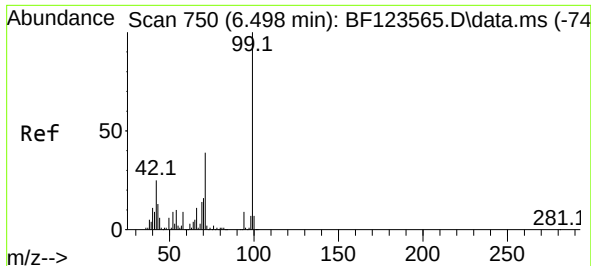
Tgt Ion:152 Resp: 234245
 Ion Ratio Lower Upper
 152 100
 150 148.9 127.0 190.6
 115 60.4 54.3 81.5



#5
 2-Fluorophenol
 Concen: 98.45 ng
 RT: 5.475 min Scan# 576
 Delta R.T. 0.006 min
 Lab File: BF123657.D
 Acq: 20 Apr 2021 23:01

Tgt Ion:112 Resp: 1426839
 Ion Ratio Lower Upper
 112 100
 64 74.4 61.4 92.0
 63 40.6 33.0 49.4

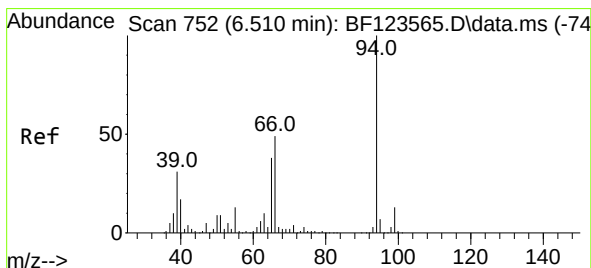
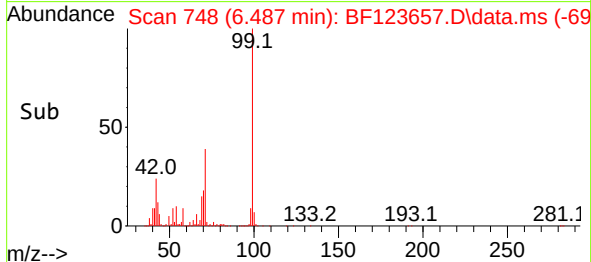
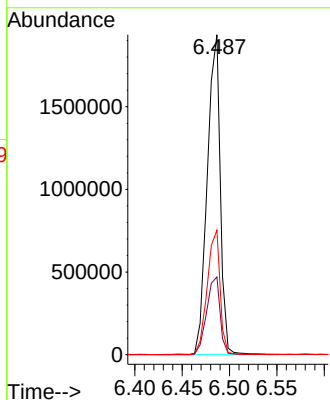
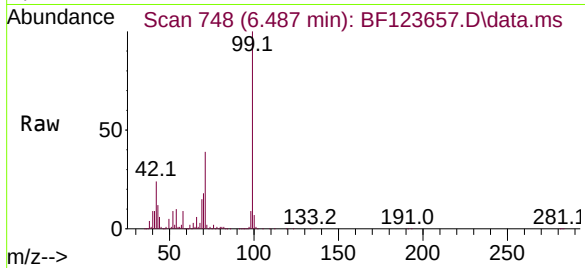




#7
Phenol-d6
Concen: 91.69 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

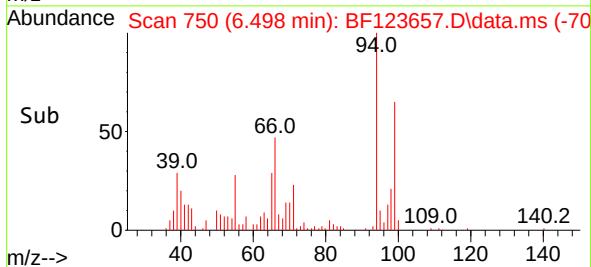
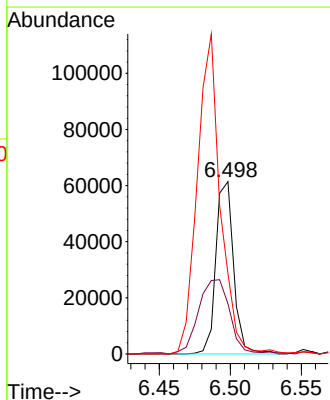
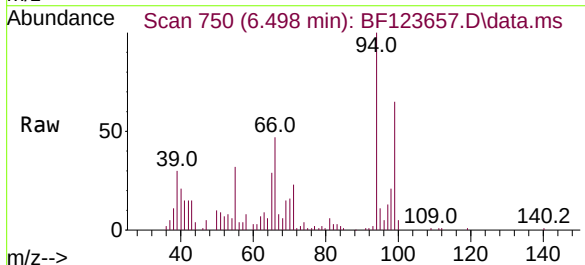
Instrument :
BNA_F
ClientSampleId :
SB-19-14.5-15.0

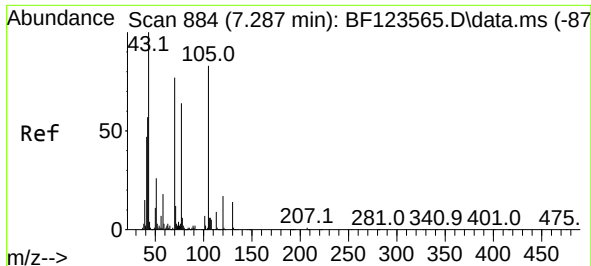
Tgt Ion: 99 Resp: 1841520
Ion Ratio Lower Upper
99 100
42 24.3 19.8 29.8
71 38.9 31.1 46.7



#10
Phenol
Concen: 2.51 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

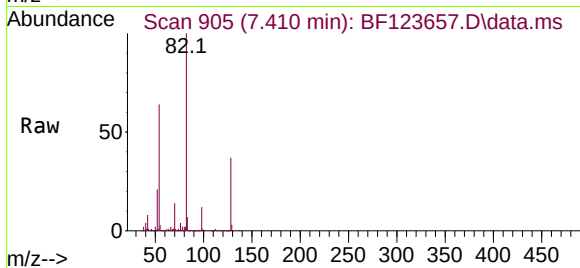
Tgt Ion: 94 Resp: 53487
Ion Ratio Lower Upper
94 100
65 29.2 18.1 58.1
66 46.6 29.0 69.0



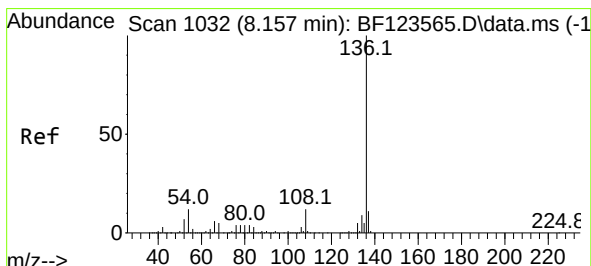
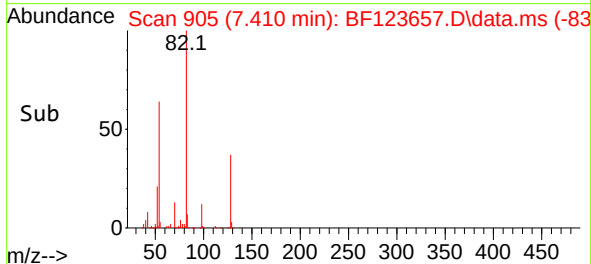
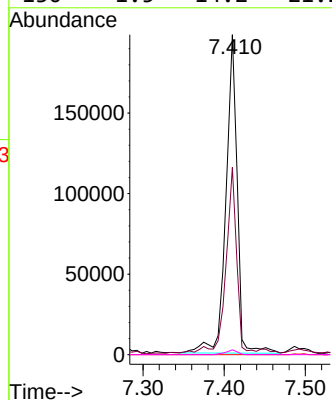


#19
n-Nitroso-di-n-propylamine
Concen: 14.45 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

Instrument :
BNA_F
ClientSampleId :
SB-19-14.5-15.0

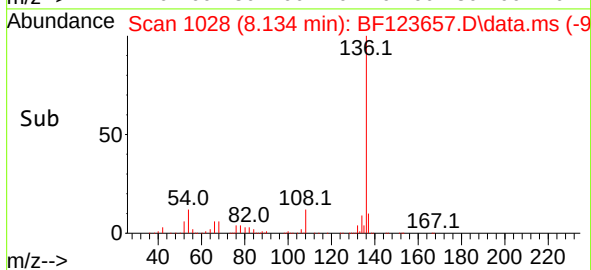
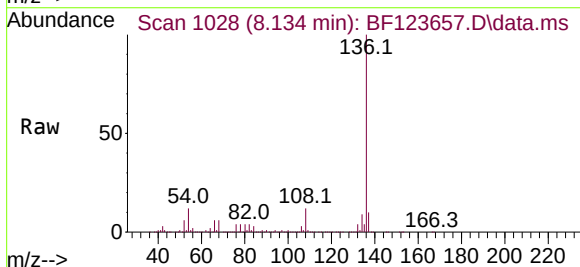
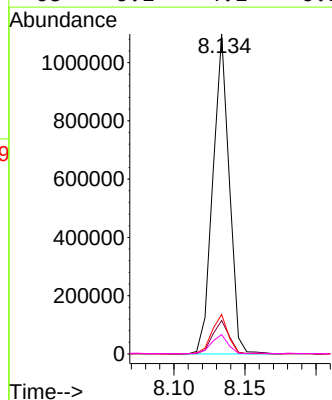


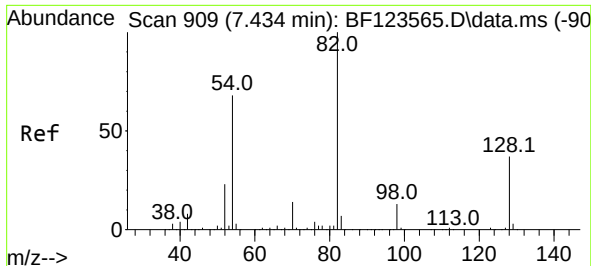
Tgt Ion: 70 Resp: 192283
Ion Ratio Lower Upper
70 100
42 58.6 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

Tgt Ion: 136 Resp: 883318
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 12.4 9.8 14.6
68 6.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 68.17 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF123657.D

Acq: 20 Apr 2021 23:01

Tgt Ion: 82 Resp: 1309878

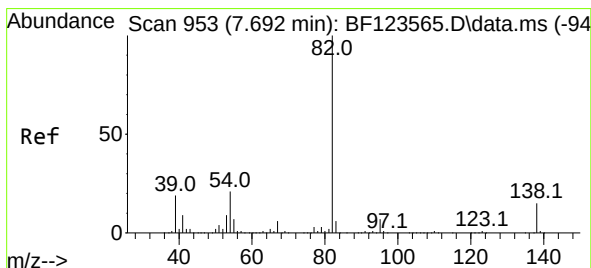
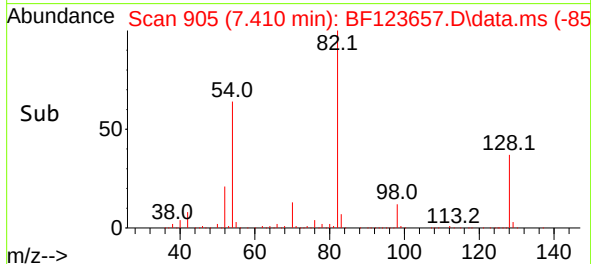
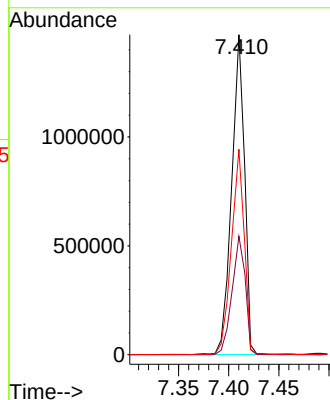
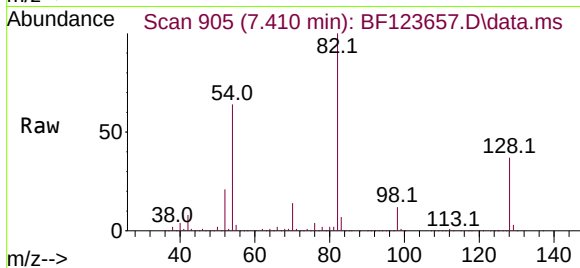
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.4	44.2
54	64.2	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

SB-19-14.5-15.0



#25

Isophorone

Concen: 34.92 ng

RT: 7.410 min Scan# 905

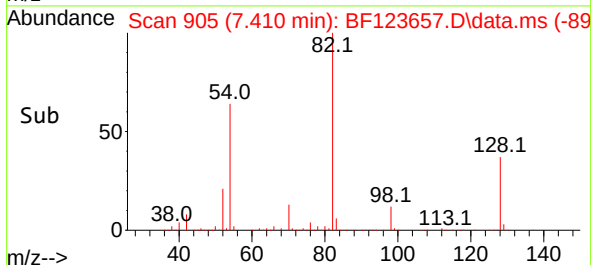
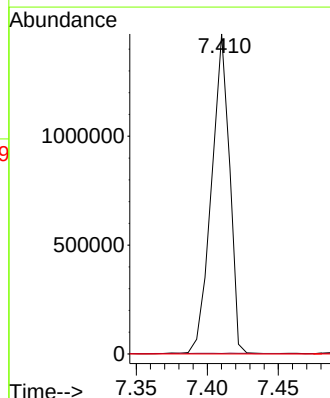
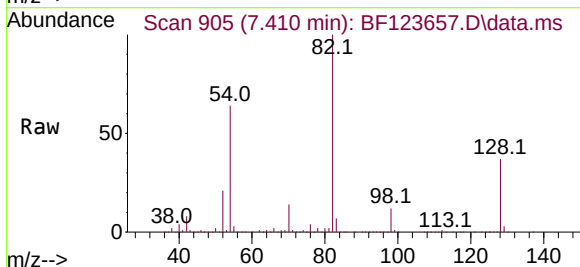
Delta R.T. -0.265 min

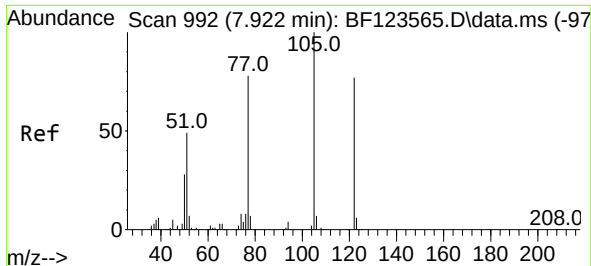
Lab File: BF123657.D

Acq: 20 Apr 2021 23:01

Tgt Ion: 82 Resp: 1301604

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	11.8	17.8#

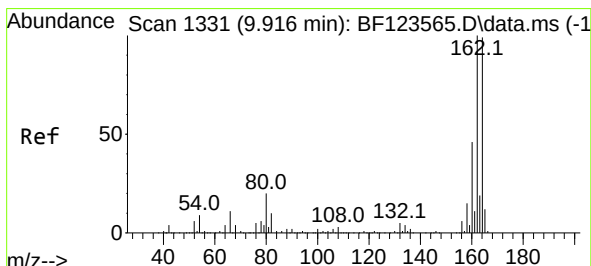
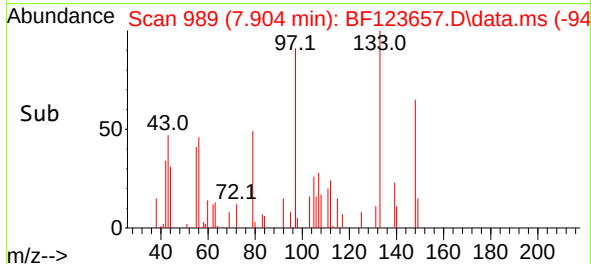
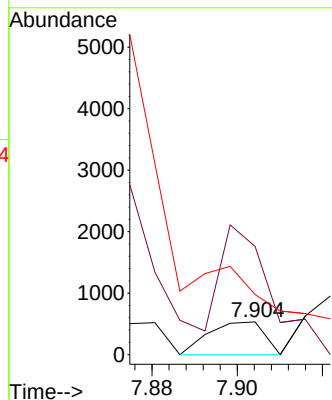
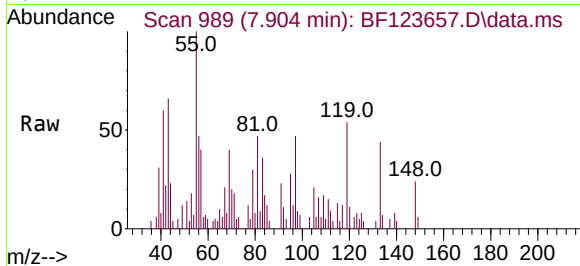




#32
Benzoic acid
Concen: 4.60 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

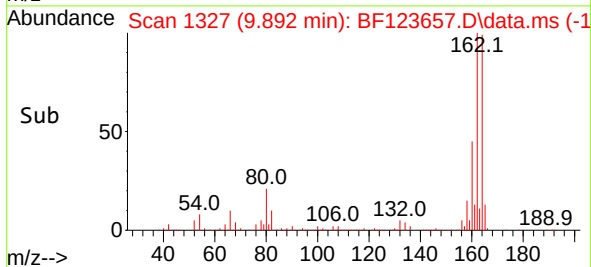
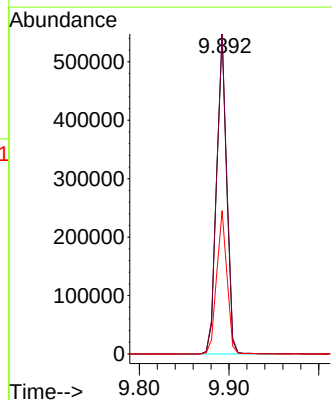
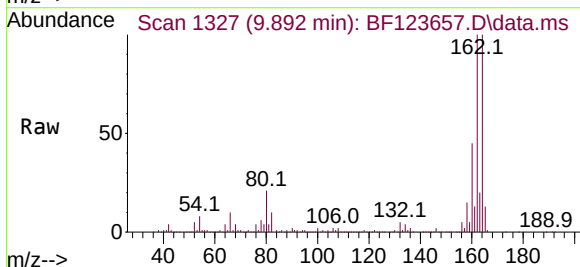
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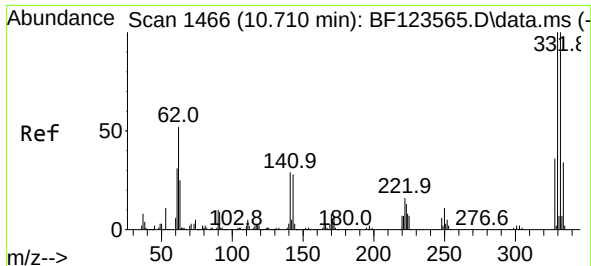
Tgt Ion:122 Resp: 485
Ion Ratio Lower Upper
122 100
105 330.0 107.8 147.8#
77 183.3 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

Tgt Ion:164 Resp: 426387
Ion Ratio Lower Upper
164 100
162 100.0 80.7 121.1
160 44.8 37.3 55.9

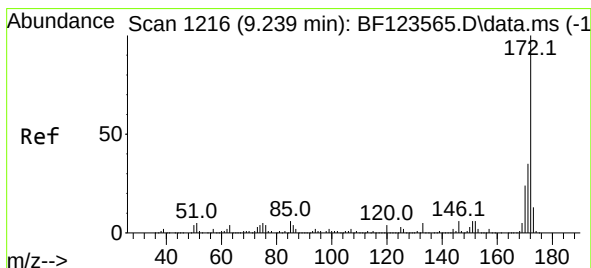
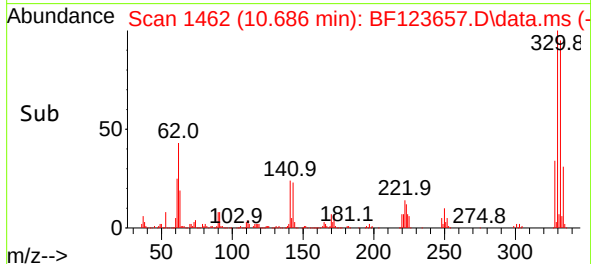
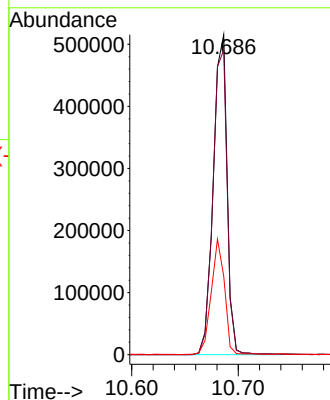
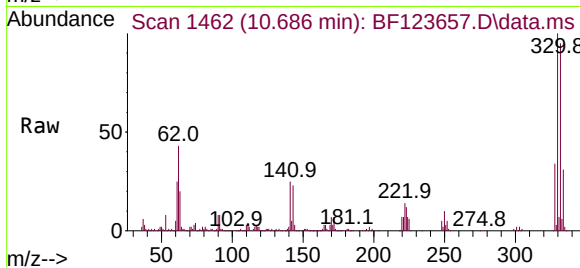




#42
2,4,6-Tribromophenol
Concen: 96.40 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

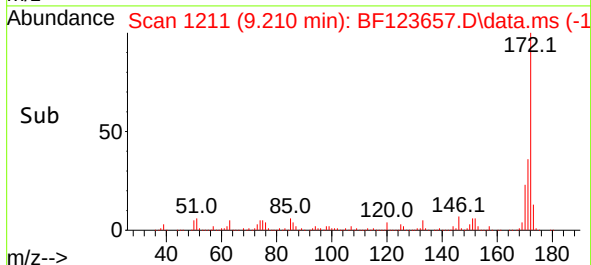
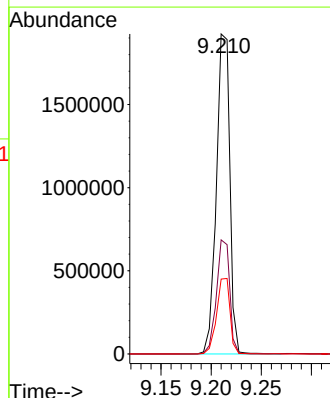
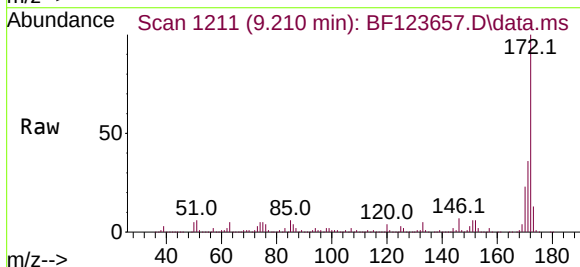
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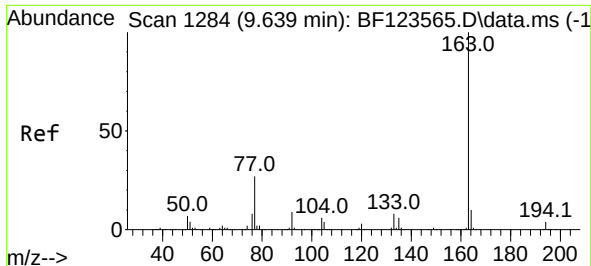
Tgt Ion:330 Resp: 465453
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 34.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 62.64 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

Tgt Ion:172 Resp: 1791786
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.4 19.2 28.8

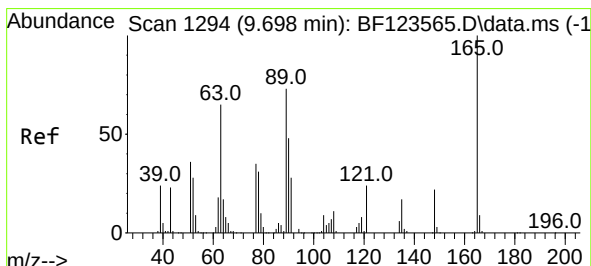
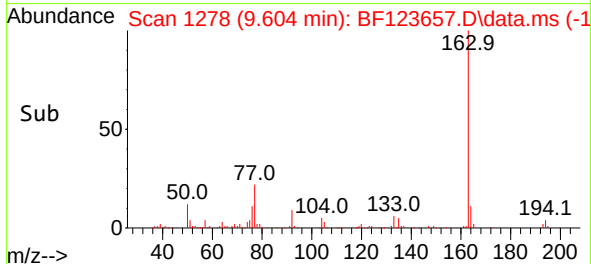
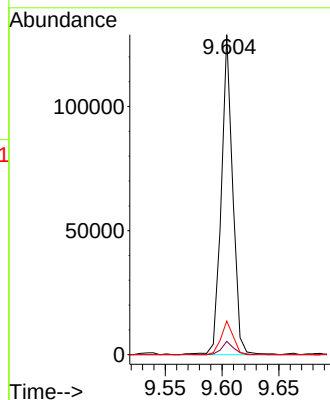
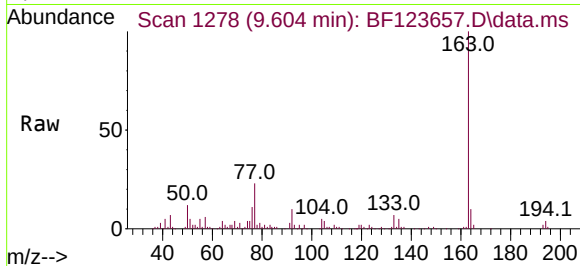




#50
Dimethylphthalate
Concen: 3.07 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

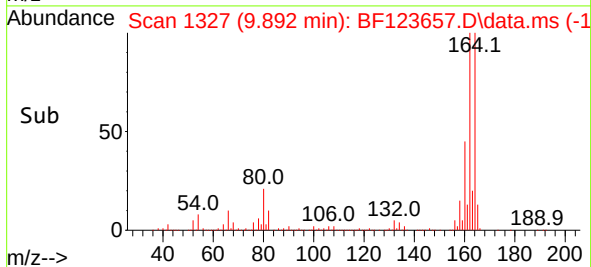
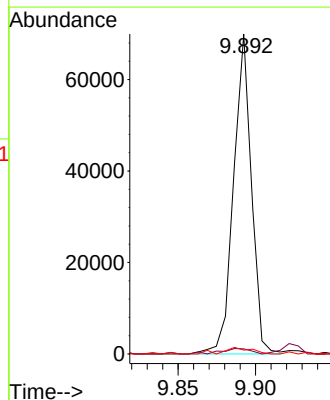
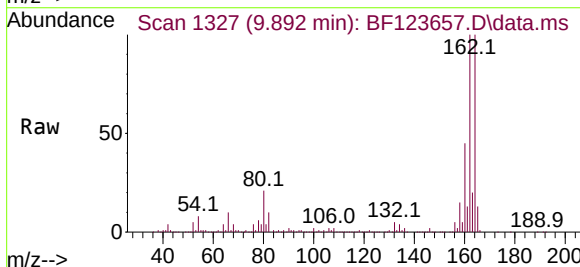
Instrument :
BNA_F
ClientSampleId :
SB-19-14.5-15.0

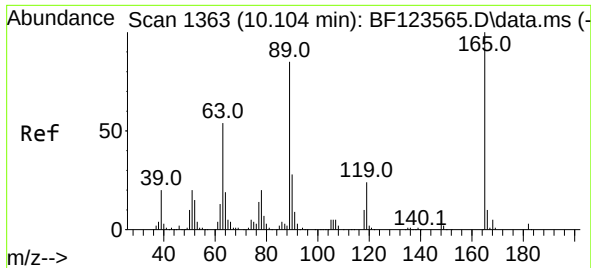
Tgt Ion:163 Resp: 90454
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.5 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.67 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

Tgt Ion:165 Resp: 56065
Ion Ratio Lower Upper
165 100
63 1.6 67.7 101.5#
89 1.2 58.8 88.2#

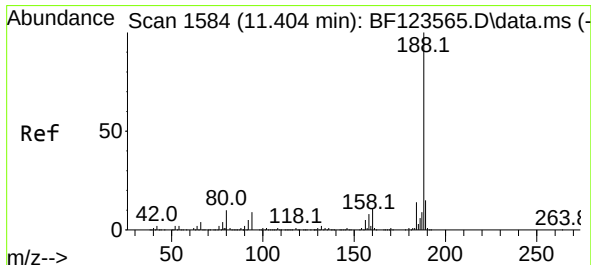
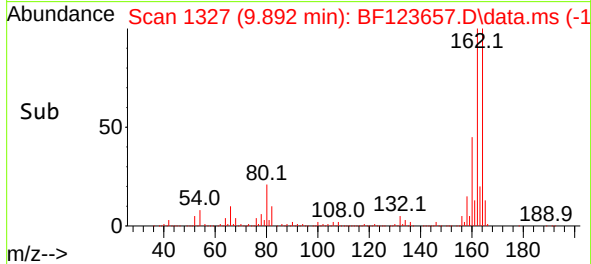
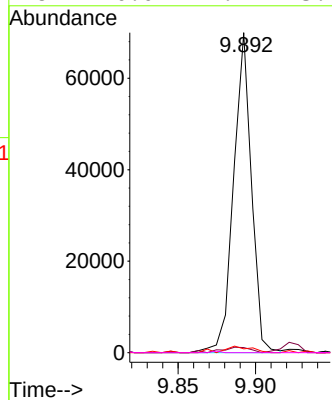
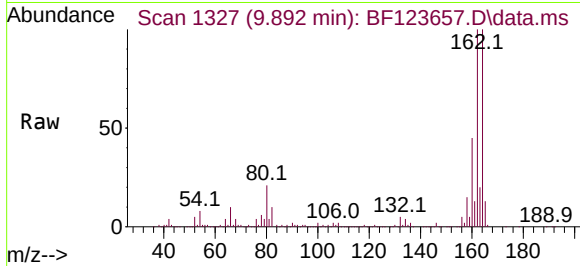




#57
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

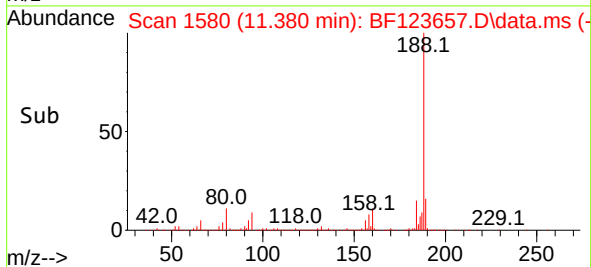
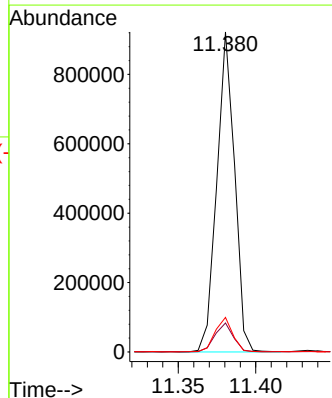
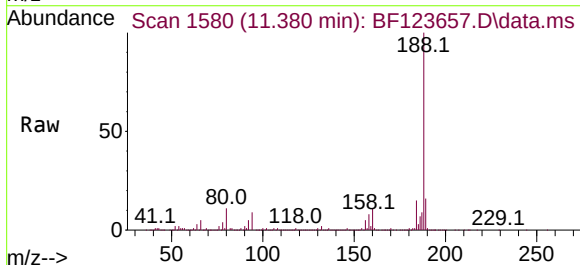
Instrument :
BNA_F
ClientSampleId :
SB-19-14.5-15.0

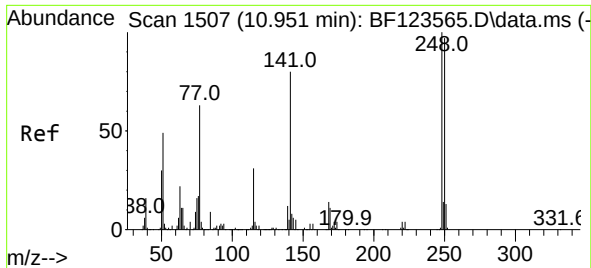
Tgt Ion:165	Resp:	56065
Ion Ratio	Lower	Upper
165	100	
63	1.6	43.5 65.3#
89	1.2	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

Tgt Ion:188	Resp:	735277
Ion Ratio	Lower	Upper
188	100	
94	9.0	6.9 10.3
80	10.8	8.2 12.2

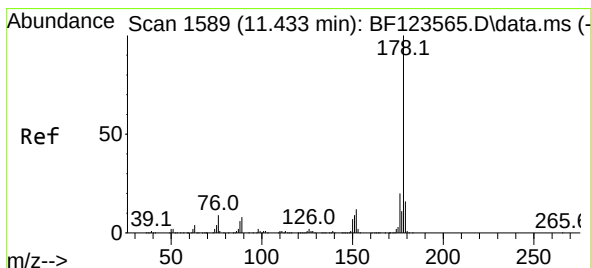
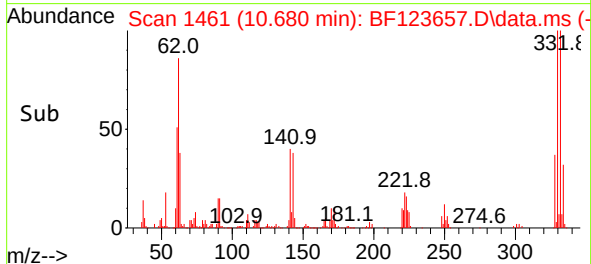
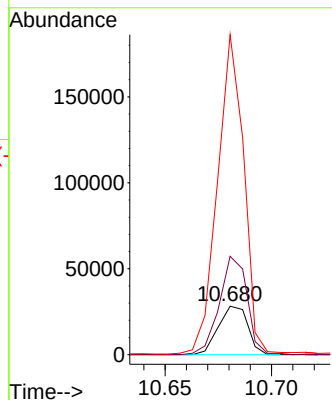
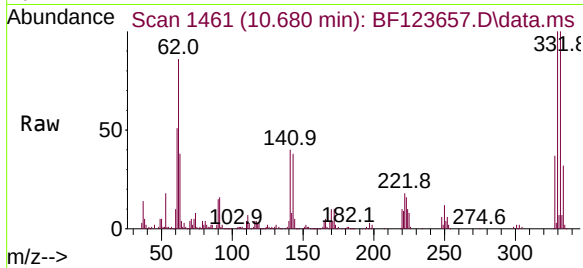




#67
4-Bromophenyl-phenylether
Concen: 3.52 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

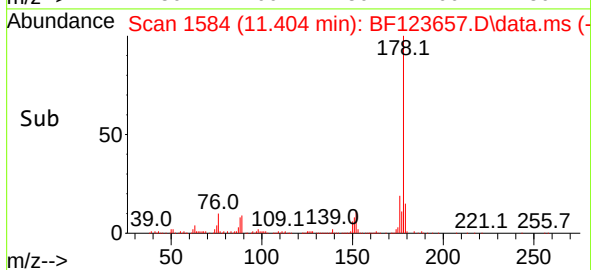
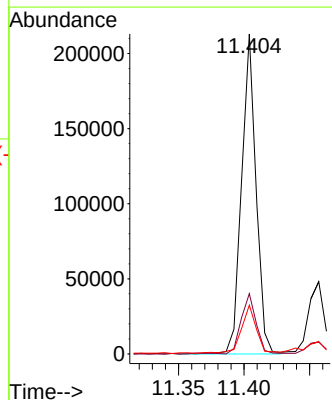
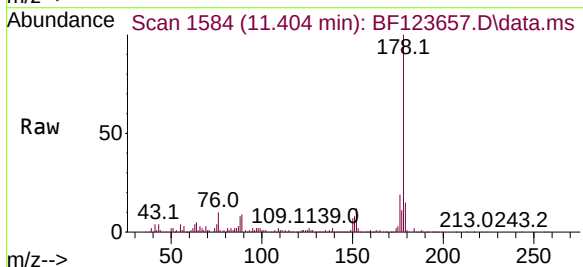
Instrument :
BNA_F
ClientSampleId :
SB-19-14.5-15.0

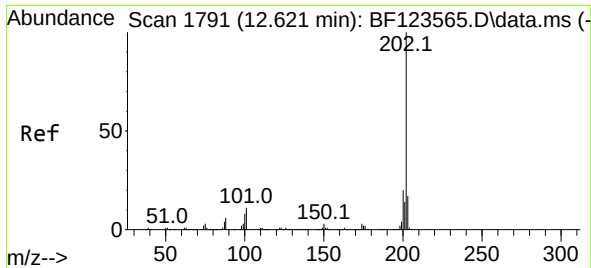
Tgt Ion:248 Resp: 27086
Ion Ratio Lower Upper
248 100
250 202.6 77.4 116.2#
141 658.9 63.7 95.5#



#71
Phenanthrene
Concen: 4.27 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

Tgt Ion:178 Resp: 163896
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.3 12.5 18.7

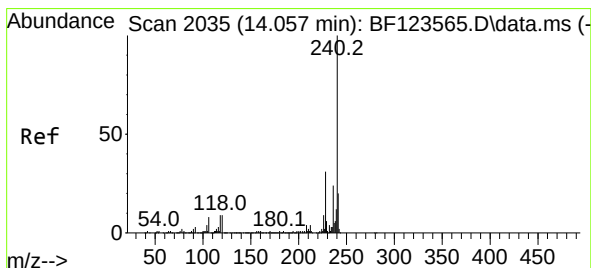
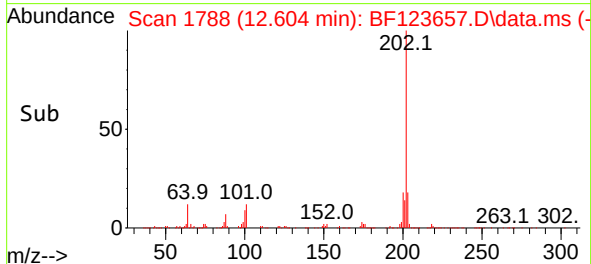
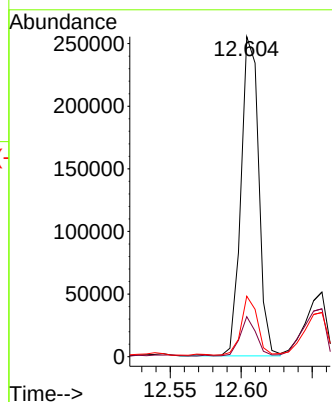
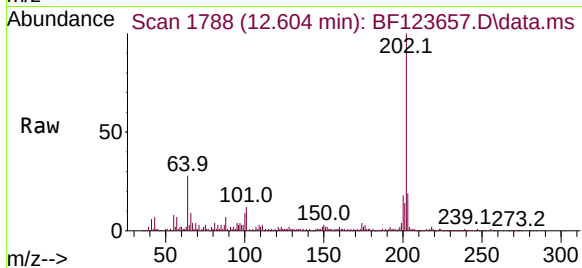




#75
Fluoranthene
Concen: 5.27 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

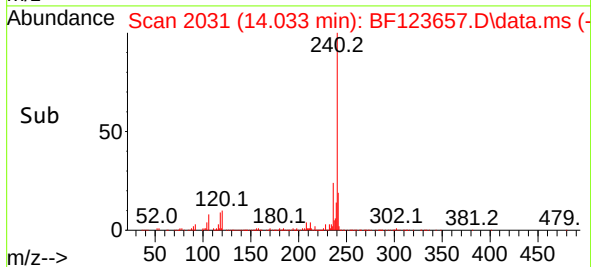
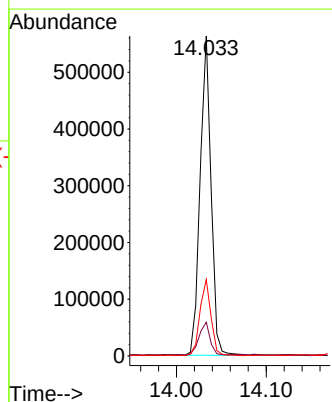
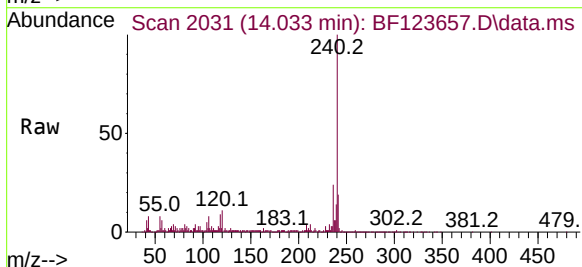
Instrument :
BNA_F
ClientSampleId :
SB-19-14.5-15.0

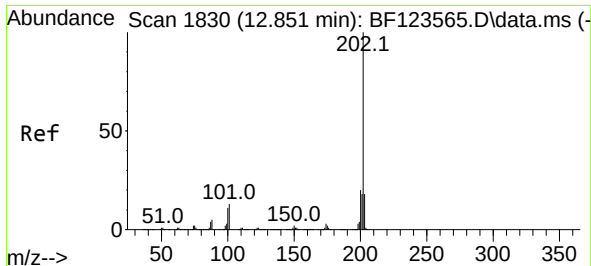
Tgt Ion:202 Resp: 222138
Ion Ratio Lower Upper
202 100
101 12.5 0.0 30.9
203 18.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

Tgt Ion:240 Resp: 474500
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 23.9 19.0 28.4

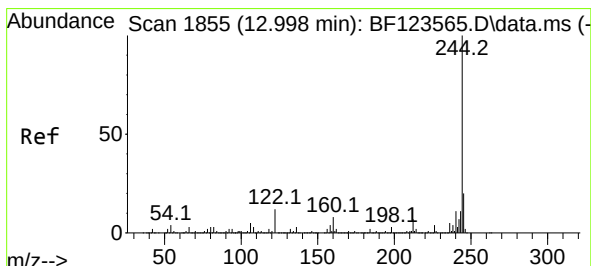
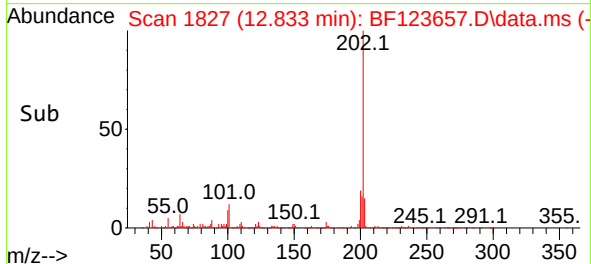
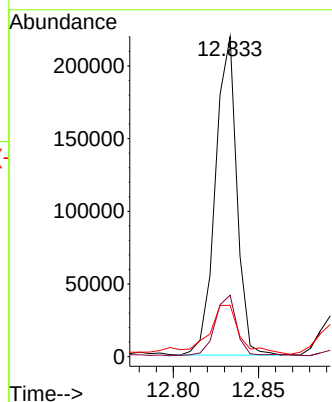
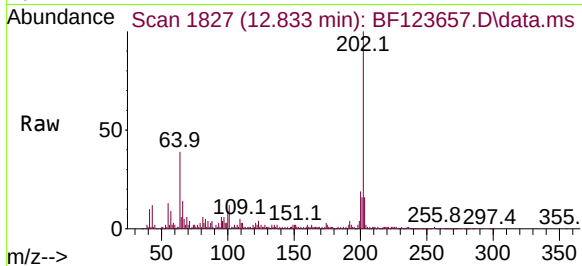




#78
Pyrene
Concen: 5.55 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

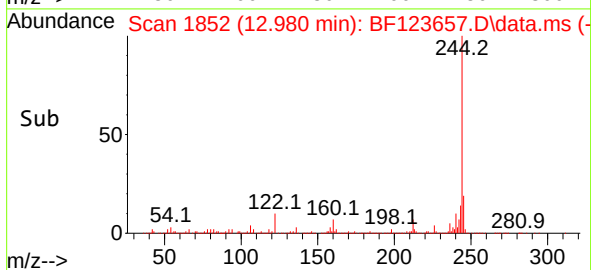
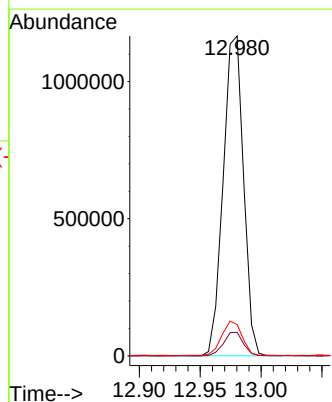
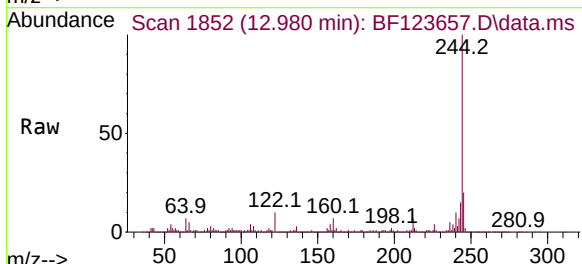
Instrument :
BNA_F
ClientSampleId :
SB-19-14.5-15.0

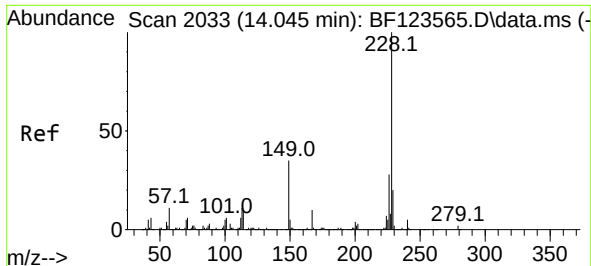
Tgt Ion:202 Resp: 192063
Ion Ratio Lower Upper
202 100
200 19.2 16.1 24.1
203 16.0 14.8 22.2



#79
Terphenyl-d14
Concen: 55.53 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

Tgt Ion:244 Resp: 1355639
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 9.8 9.7 14.5

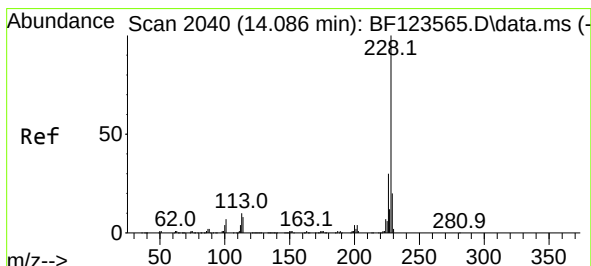
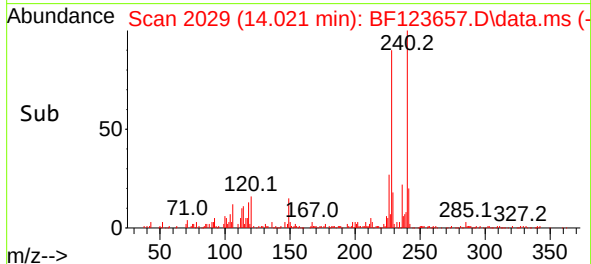
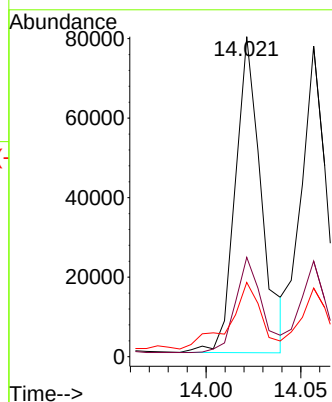
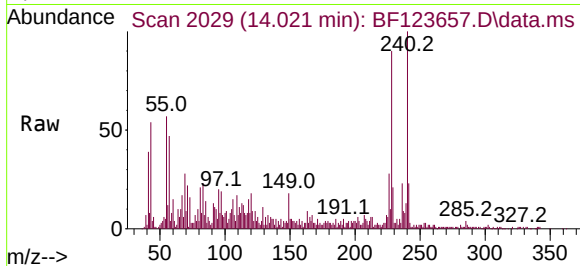




#81
Benzo(a)anthracene
Concen: 2.61 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

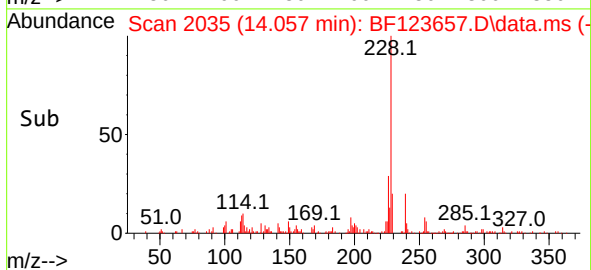
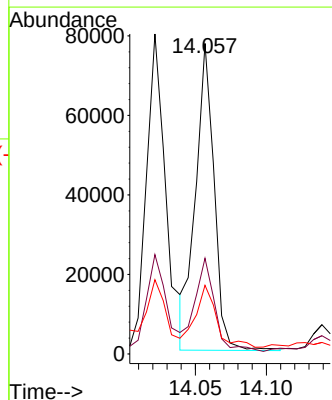
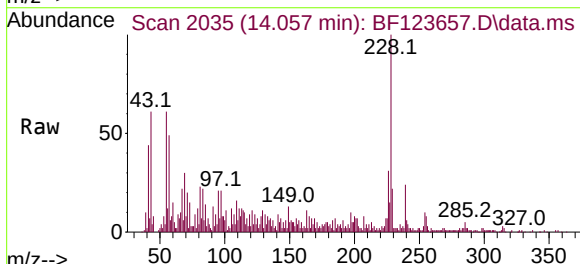
Instrument :
BNA_F
ClientSampleId :
SB-19-14.5-15.0

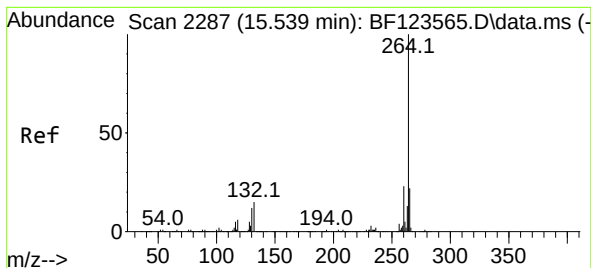
Tgt Ion:228 Resp: 75851
Ion Ratio Lower Upper
228 100
226 31.1 22.4 33.6
229 23.2 16.0 24.0



#83
Chrysene
Concen: 2.40 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

Tgt Ion:228 Resp: 70175
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.1 16.2 24.2





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.510 min Scan# 2282

Delta R.T. 0.006 min

Lab File: BF123657.D

Acq: 20 Apr 2021 23:01

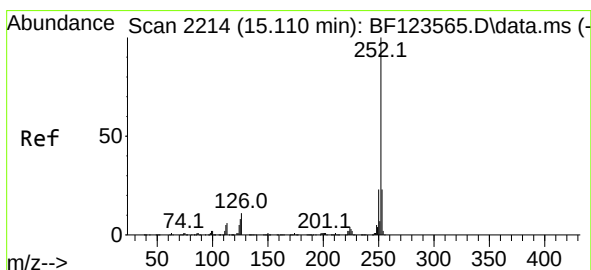
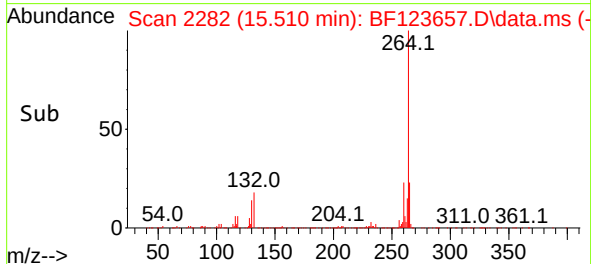
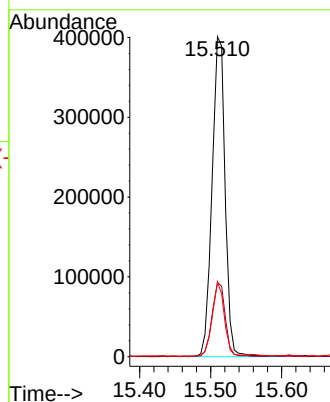
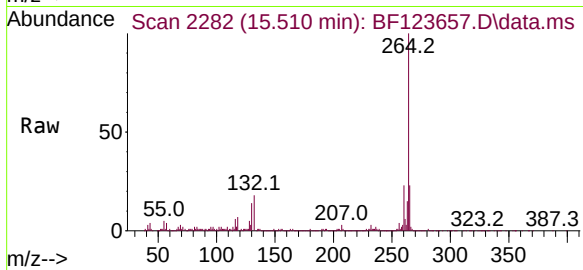
Tgt Ion:264 Resp: 512409

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 23.4 17.8 26.8



#88

Benzo(b)fluoranthene

Concen: 2.98 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF123657.D

Acq: 20 Apr 2021 23:01

Tgt Ion:252 Resp: 107841

Ion Ratio Lower Upper

252 100

253 25.1 18.1 27.1

125 16.8 6.2 9.4#

