

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042221\
 Data File : BF123683.D
 Acq On : 22 Apr 2021 9:57
 Operator : JU/CG
 Sample : PB135894BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135894BL

Quant Time: Apr 22 11:18:23 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)

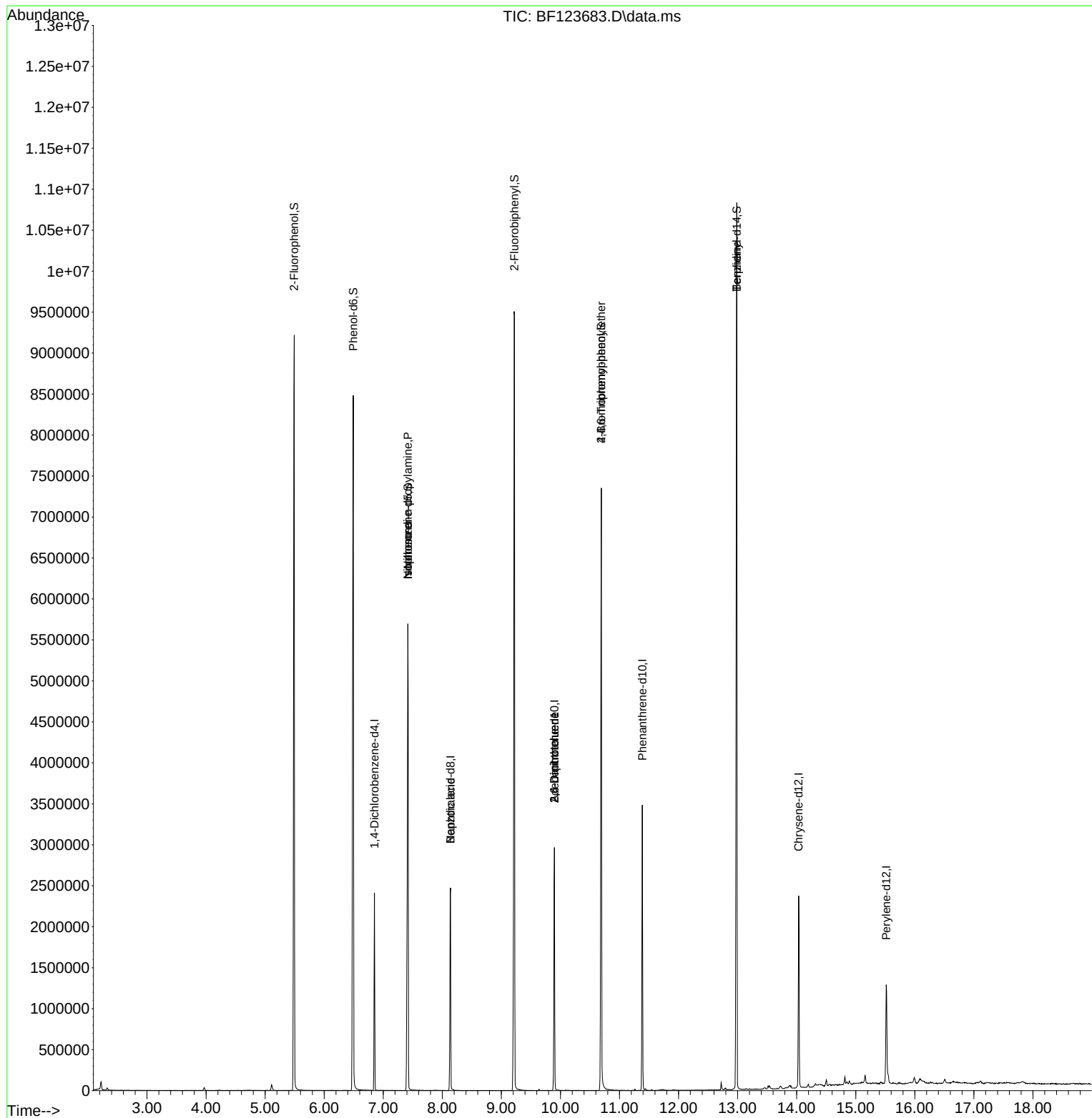
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	296133	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	1157216	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	584524	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1170559	20.00	ng	0.00
76) Chrysene-d12	14.033	240	839363	20.00	ng	0.00
86) Perylene-d12	15.515	264	602230	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	2260314	123.37	ng	0.02
7) Phenol-d6	6.492	99	2951231	116.24	ng	0.00
23) Nitrobenzene-d5	7.416	82	2183010	86.72	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	921532	139.22	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	3327542	84.86	ng	0.00
79) Terphenyl-d14	12.986	244	3774456	87.40	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	297567	17.69	ng	# 73
25) Isophorone	7.416	82	2168455	44.40	ng	# 69
32) Benzoic acid	8.139	122	506	4.59	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	76487	8.63	ng	# 12
57) 2,4-Dinitrotoluene	9.898	165	76487	6.46	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	49622	4.05	ng	# 1
77) Benzidine	12.986	184	52683	2.31	ng	95
89) Benzo(k)fluoranthene	15.080	252	973	Below Cal	#	1
92) Benzo(g,h,i)perylene	17.445	276	817	Below Cal	#	56

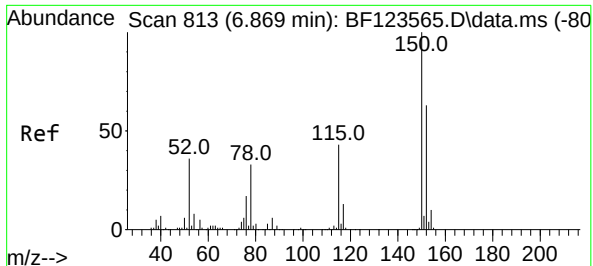
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042221\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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BNA_F
ClientSampleId :
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Quant Time: Apr 22 11:18:23 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

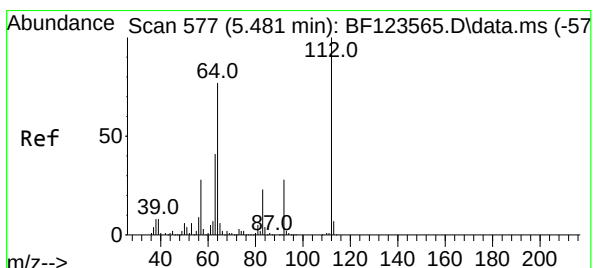
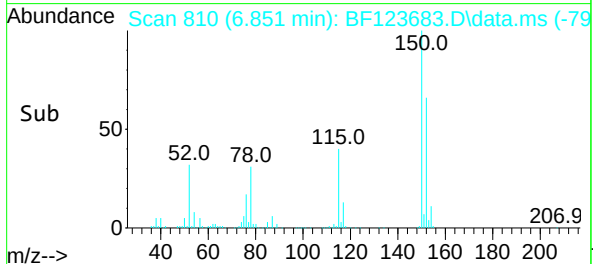
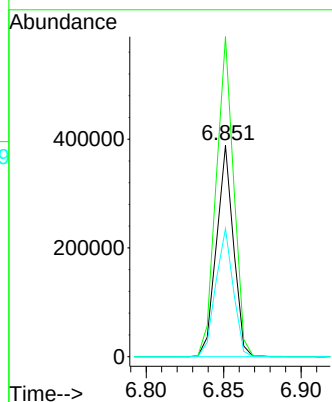
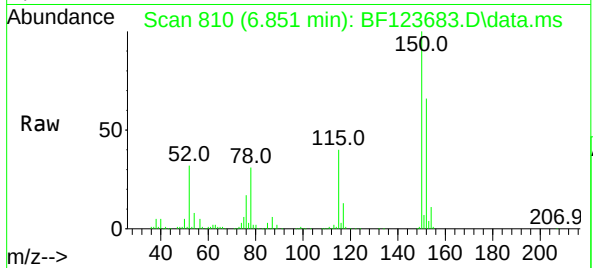




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123683.D
Acq: 22 Apr 2021 9:57

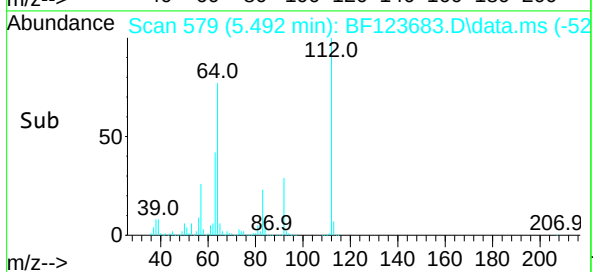
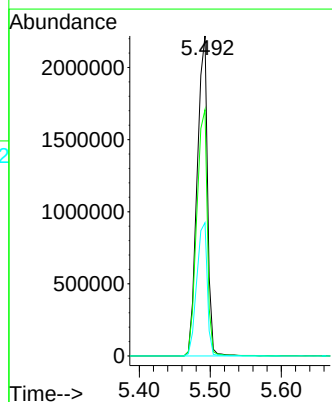
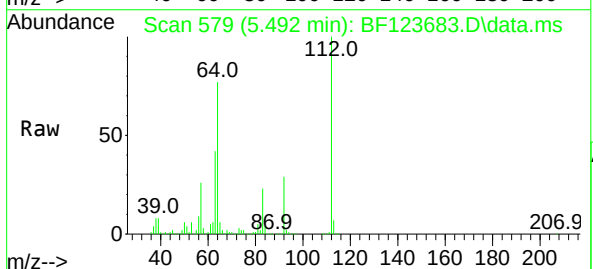
Instrument :
BNA_F
ClientSampleId :
PB135894BL

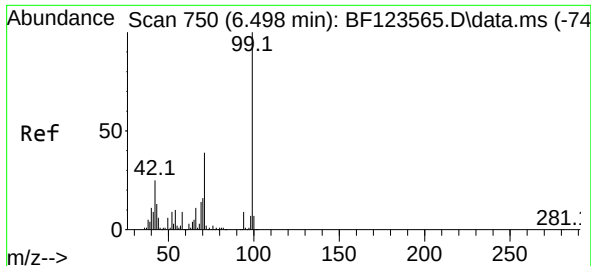
Tgt Ion:152 Resp: 296133
Ion Ratio Lower Upper
152 100
150 151.4 127.0 190.6
115 60.6 54.3 81.5



#5
2-Fluorophenol
Concen: 123.37 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.023 min
Lab File: BF123683.D
Acq: 22 Apr 2021 9:57

Tgt Ion:112 Resp: 2260314
Ion Ratio Lower Upper
112 100
64 76.9 61.4 92.0
63 41.7 33.0 49.4

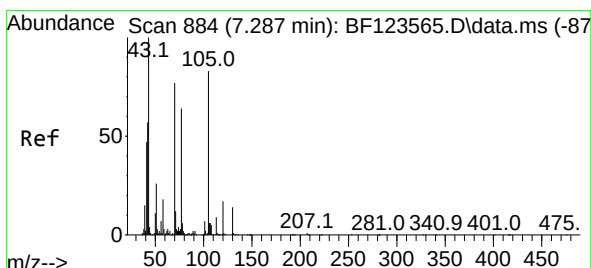
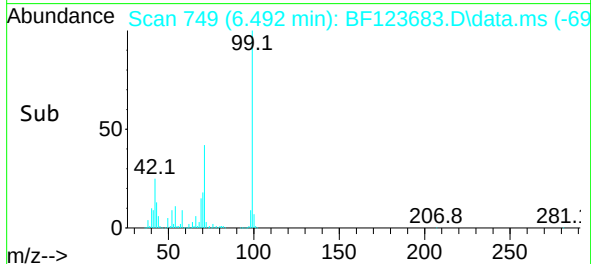
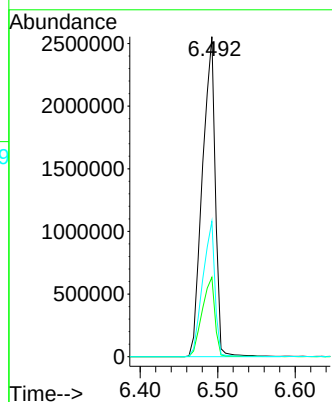
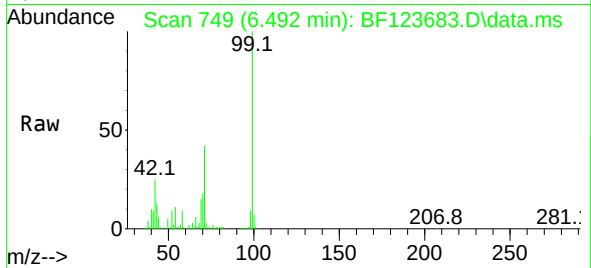




#7
Phenol-d6
Concen: 116.24 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF123683.D
Acq: 22 Apr 2021 9:57

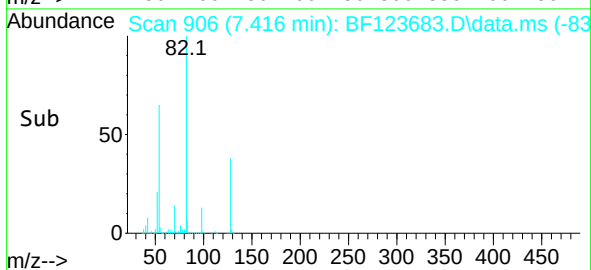
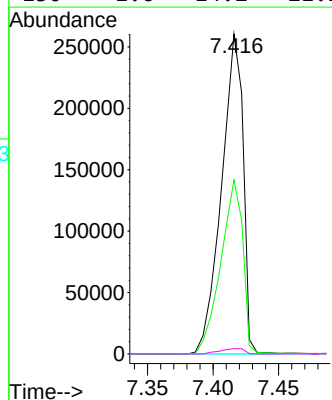
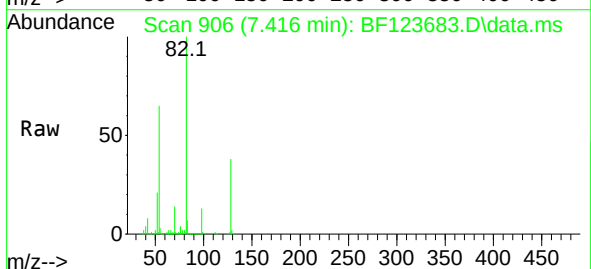
Instrument :
BNA_F
ClientSampleId :
PB135894BL

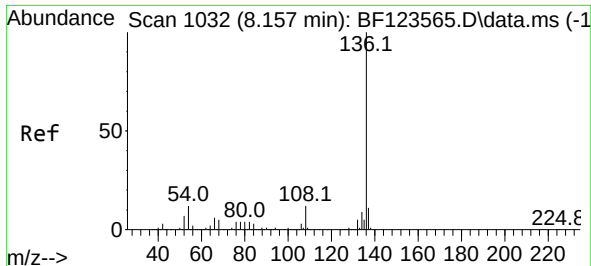
Tgt Ion: 99 Resp: 2951231
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.8
71 42.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.69 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF123683.D
Acq: 22 Apr 2021 9:57

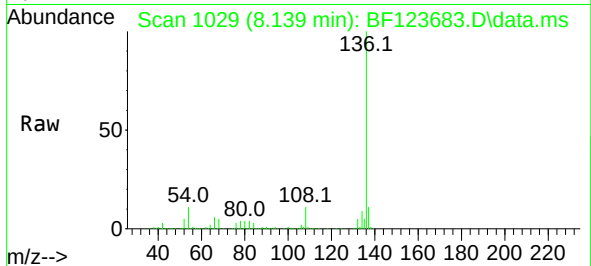
Tgt Ion: 70 Resp: 297567
Ion Ratio Lower Upper
70 100
42 54.3 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#



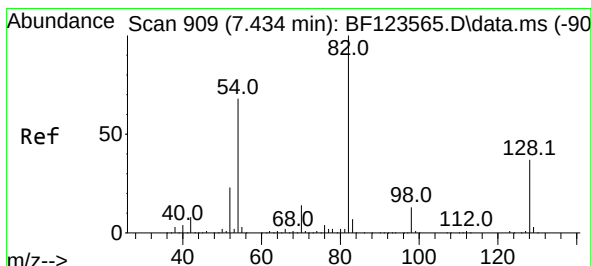
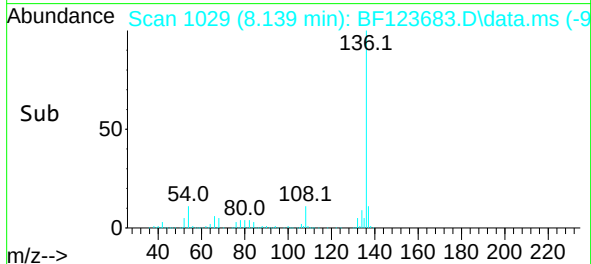
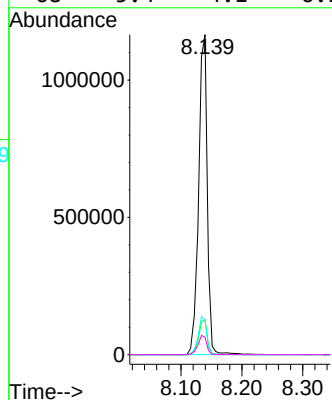


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF123683.D
Acq: 22 Apr 2021 9:57

Instrument :
BNA_F
ClientSampleId :
PB135894BL

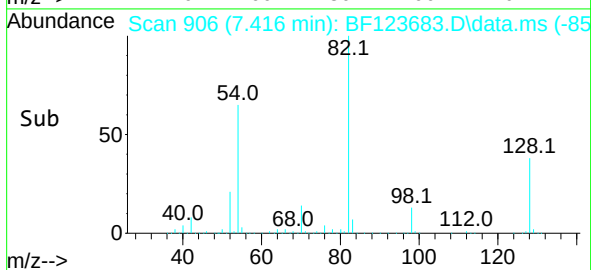
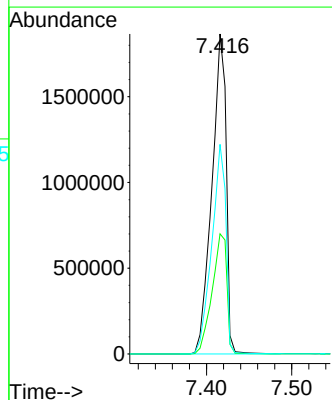
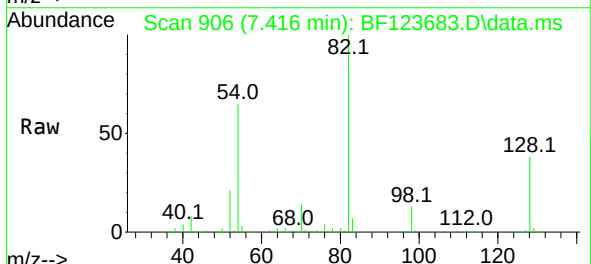


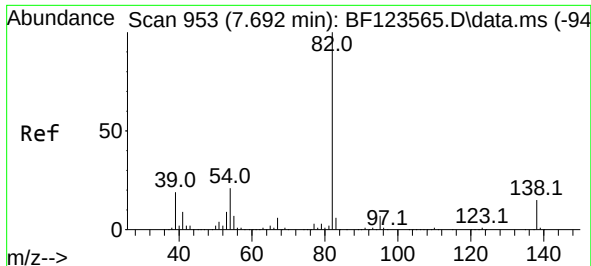
Tgt Ion:136 Resp: 1157216
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 10.8 9.8 14.6
68 5.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 86.72 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.000 min
Lab File: BF123683.D
Acq: 22 Apr 2021 9:57

Tgt Ion: 82 Resp: 2183010
Ion Ratio Lower Upper
82 100
128 37.5 29.4 44.2
54 65.5 54.1 81.1

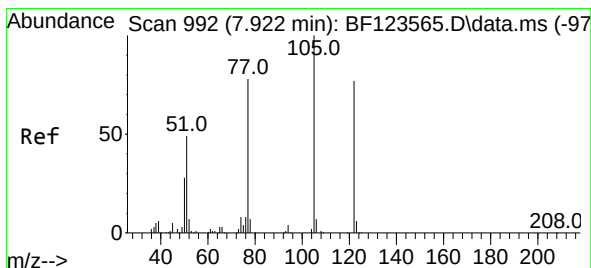
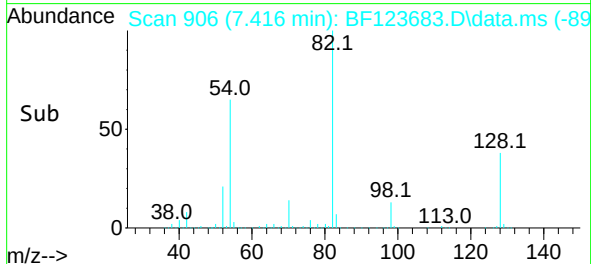
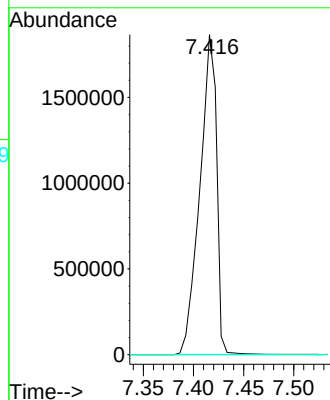
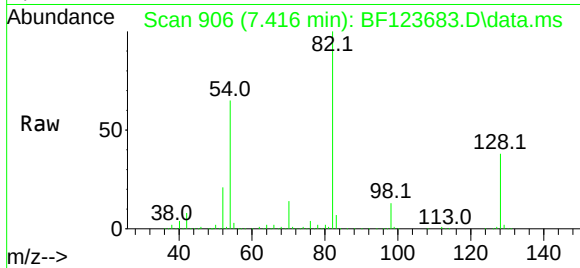




#25
Isophorone
Concen: 44.40 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.259 min
Lab File: BF123683.D
Acq: 22 Apr 2021 9:57

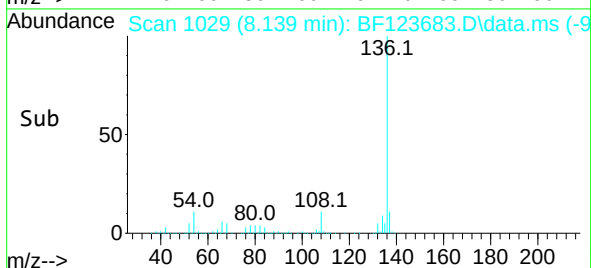
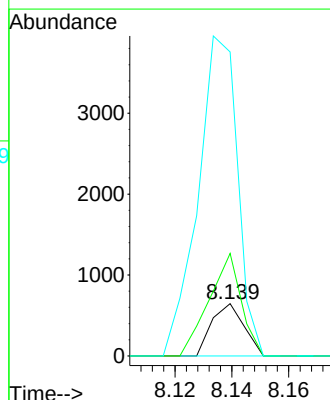
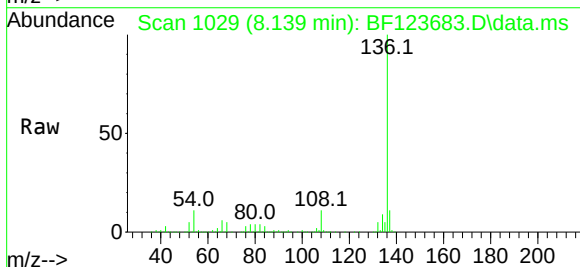
Instrument :
BNA_F
ClientSampleId :
PB135894BL

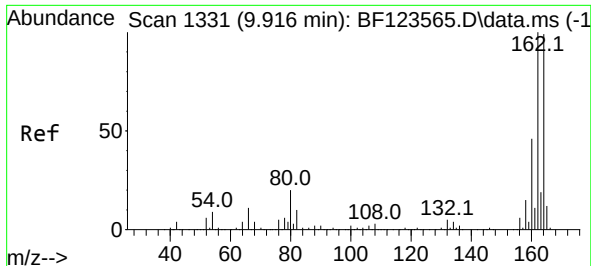
Tgt Ion: 82 Resp: 2168455
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.59 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.223 min
Lab File: BF123683.D
Acq: 22 Apr 2021 9:57

Tgt Ion:122 Resp: 506
Ion Ratio Lower Upper
122 100
105 196.3 107.8 147.8#
77 581.7 81.6 121.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.000 min

Lab File: BF123683.D

Acq: 22 Apr 2021 9:57

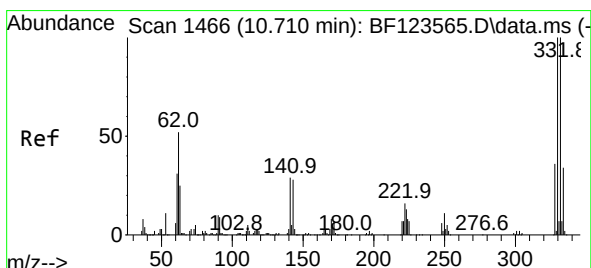
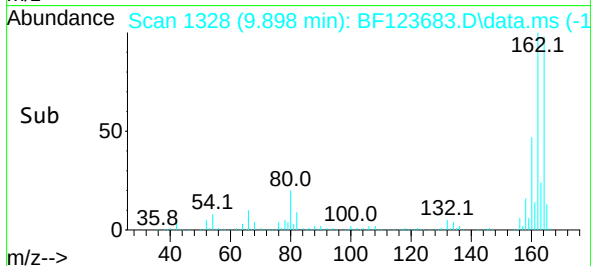
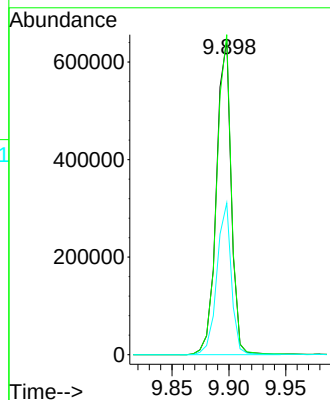
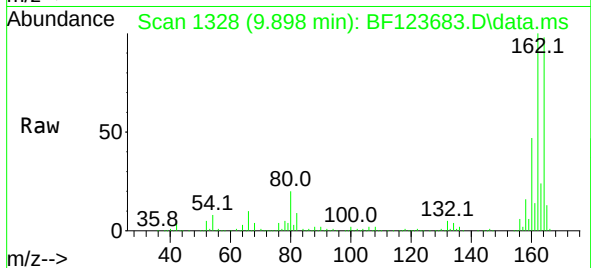
Tgt Ion:164 Resp: 584524

Ion Ratio Lower Upper

164 100

162 101.9 80.7 121.1

160 48.3 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 139.22 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.006 min

Lab File: BF123683.D

Acq: 22 Apr 2021 9:57

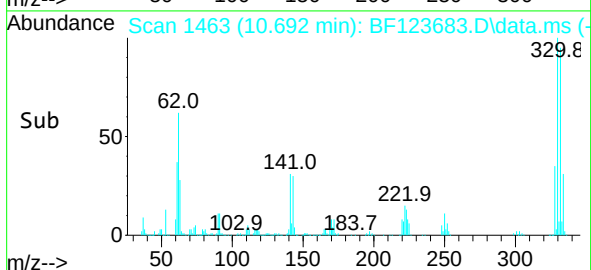
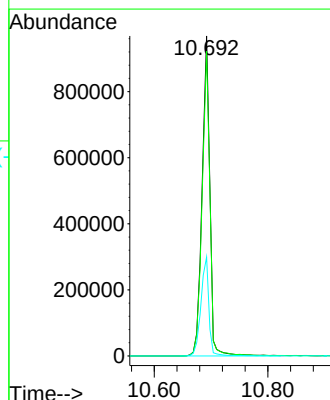
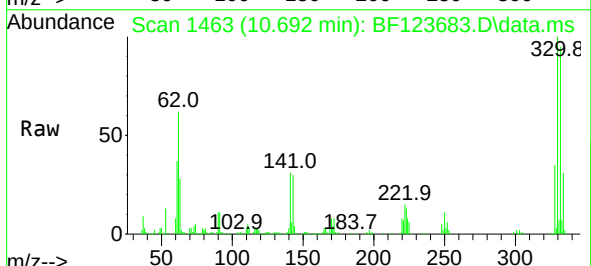
Tgt Ion:330 Resp: 921532

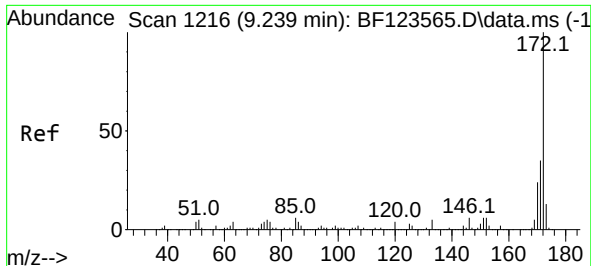
Ion Ratio Lower Upper

330 100

332 95.6 77.1 115.7

141 32.1 27.9 41.9

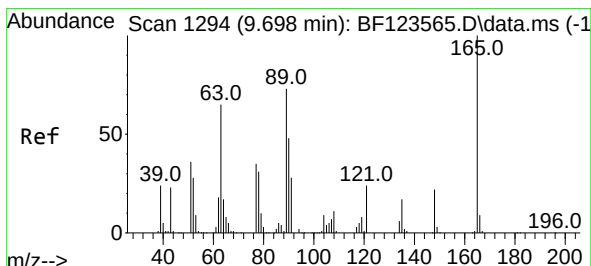
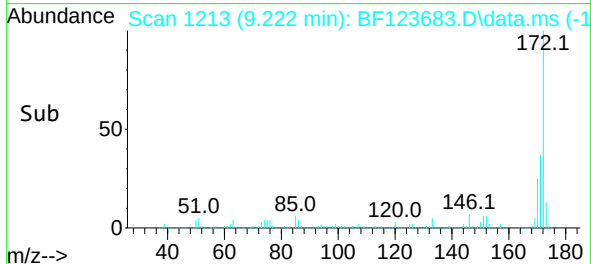
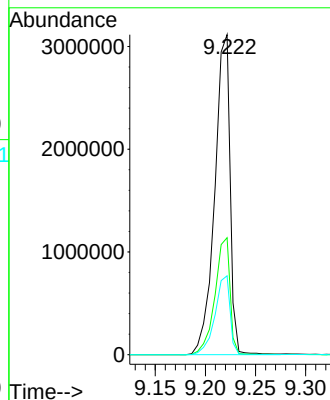
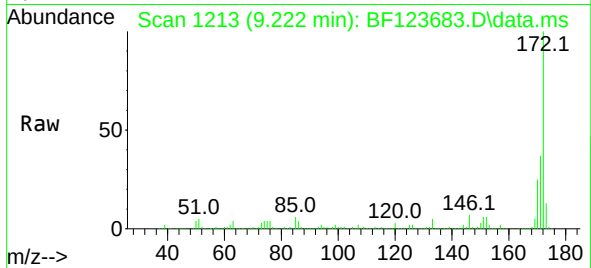




#45
2-Fluorobiphenyl
Concen: 84.86 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF123683.D
Acq: 22 Apr 2021 9:57

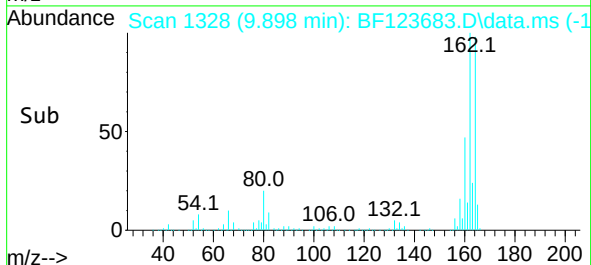
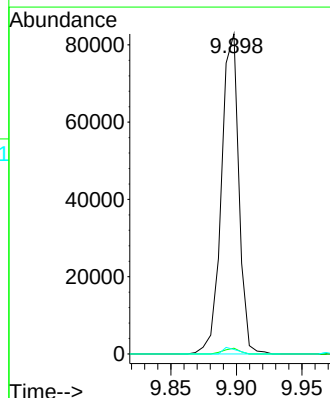
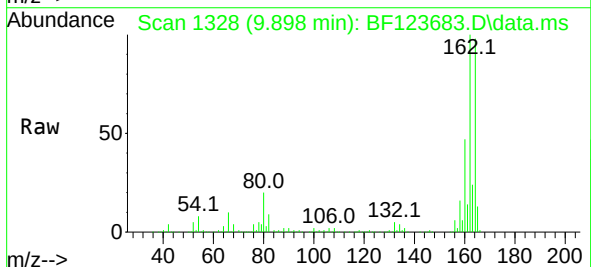
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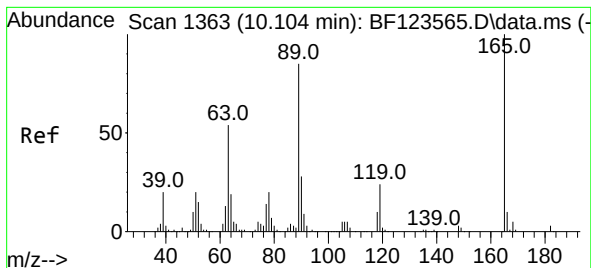
Tgt Ion:172 Resp: 3327542
Ion Ratio Lower Upper
172 100
171 36.5 28.1 42.1
170 24.7 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.63 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.218 min
Lab File: BF123683.D
Acq: 22 Apr 2021 9:57

Tgt Ion:165 Resp: 76487
Ion Ratio Lower Upper
165 100
63 1.8 67.7 101.5#
89 1.4 58.8 88.2#

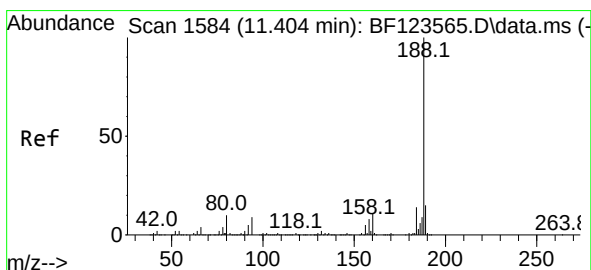
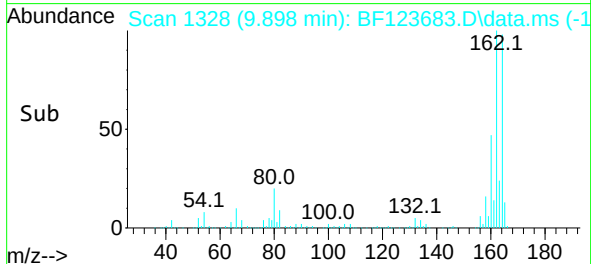
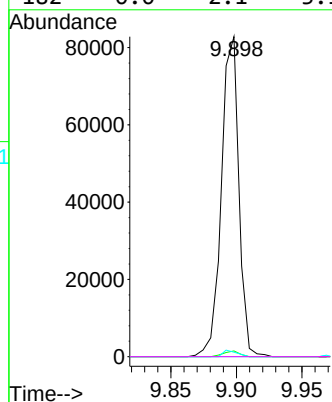
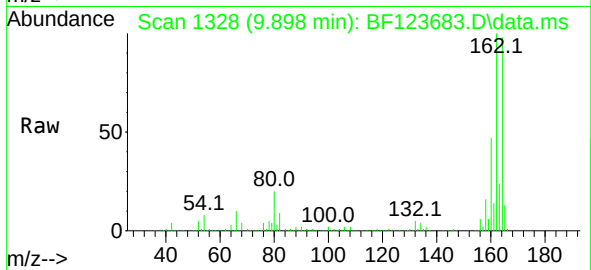




#57
2,4-Dinitrotoluene
Concen: 6.46 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.182 min
Lab File: BF123683.D
Acq: 22 Apr 2021 9:57

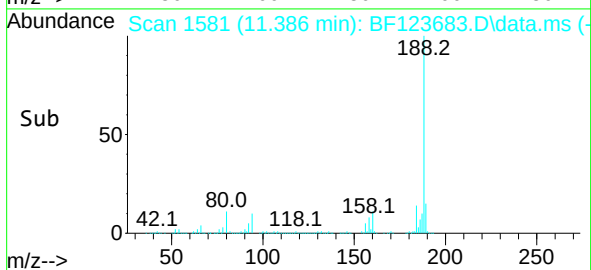
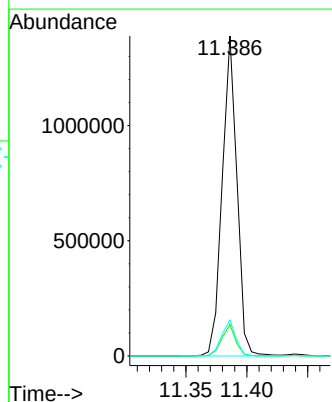
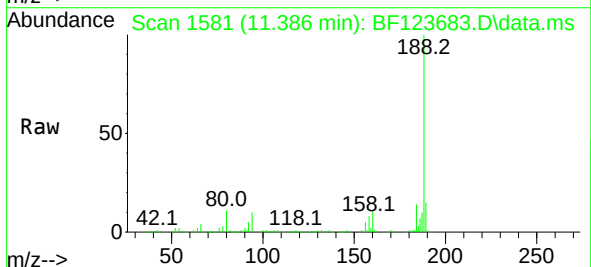
Instrument :
BNA_F
ClientSampleId :
PB135894BL

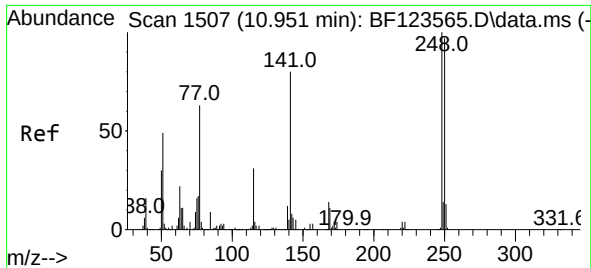
Tgt Ion:165	Resp:	76487
Ion Ratio	Lower	Upper
165	100	
63	1.8	43.5 65.3#
89	1.4	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF123683.D
Acq: 22 Apr 2021 9:57

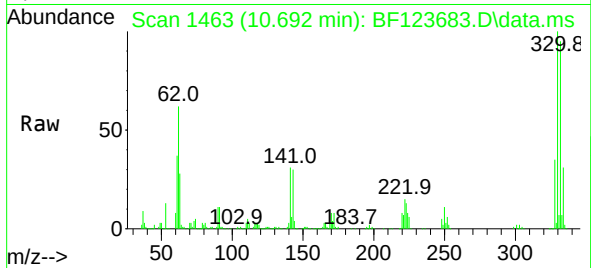
Tgt Ion:188	Resp:	1170559
Ion Ratio	Lower	Upper
188	100	
94	9.8	6.9 10.3
80	11.3	8.2 12.2



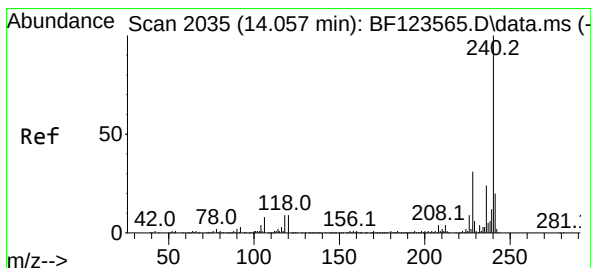
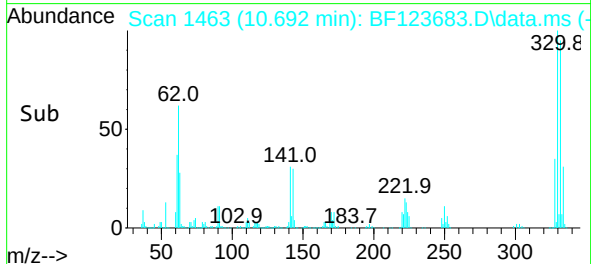
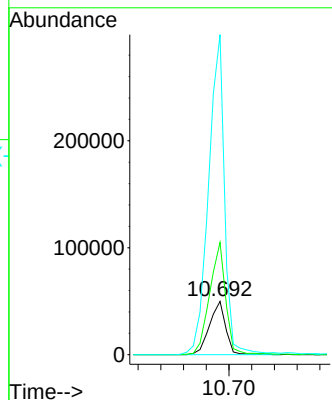


#67
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF123683.D
Acq: 22 Apr 2021 9:57

Instrument :
BNA_F
ClientSampleId :
PB135894BL

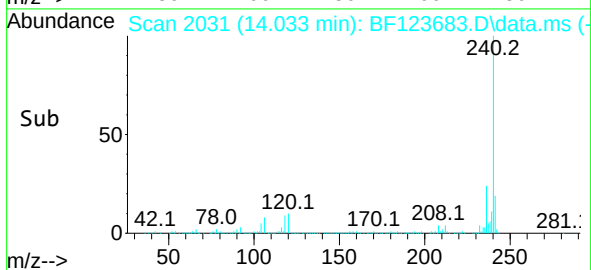
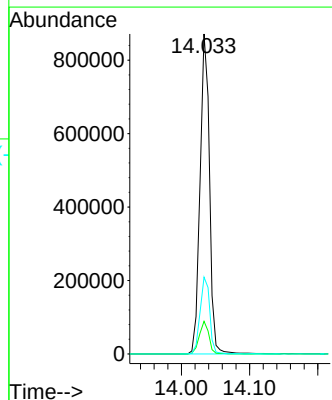
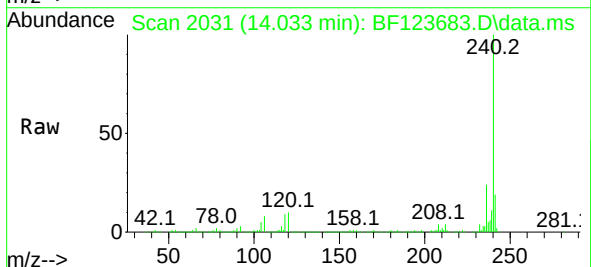


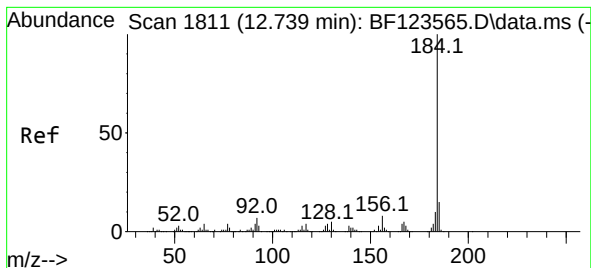
Tgt Ion:248 Resp: 49622
Ion Ratio Lower Upper
248 100
250 210.9 77.4 116.2#
141 600.5 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF123683.D
Acq: 22 Apr 2021 9:57

Tgt Ion:240 Resp: 839363
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 24.0 19.0 28.4





#77

Benzidine

Concen: 2.31 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.265 min

Lab File: BF123683.D

Acq: 22 Apr 2021 9:57

Tgt Ion:184 Resp: 52683

Ion Ratio Lower Upper

184 100

185 17.7 12.1 18.1

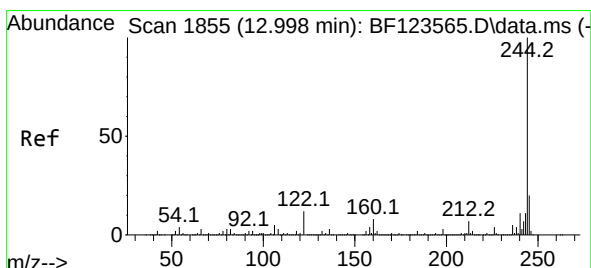
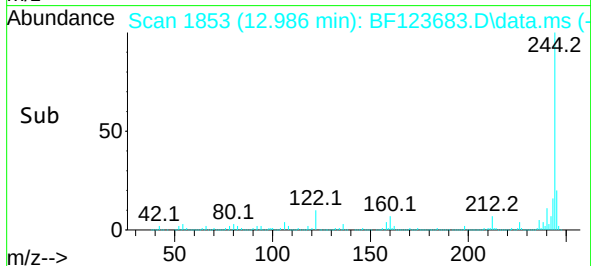
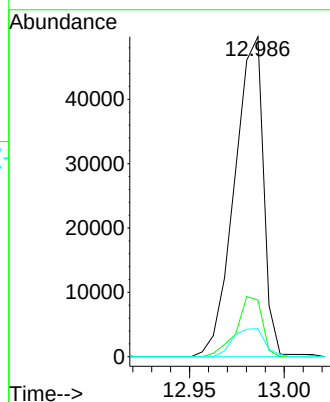
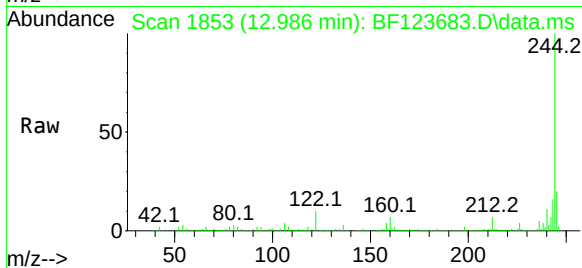
183 8.8 7.8 11.8

Instrument :

BNA_F

ClientSampleId :

PB135894BL



#79

Terphenyl-d14

Concen: 87.40 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.012 min

Lab File: BF123683.D

Acq: 22 Apr 2021 9:57

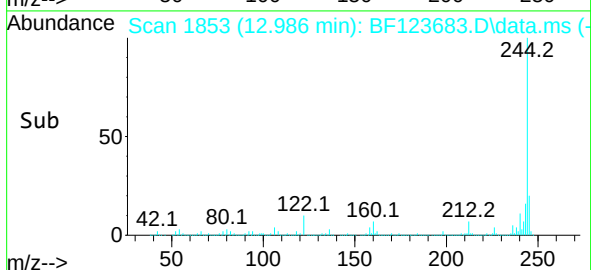
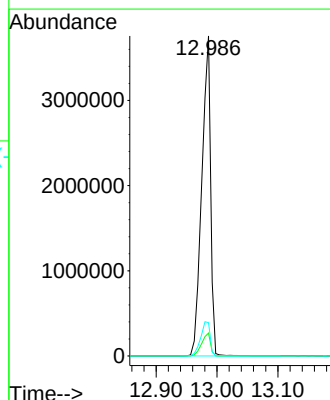
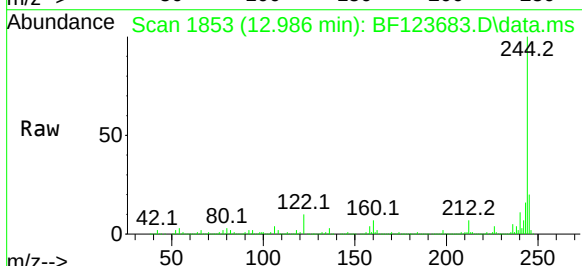
Tgt Ion:244 Resp: 3774456

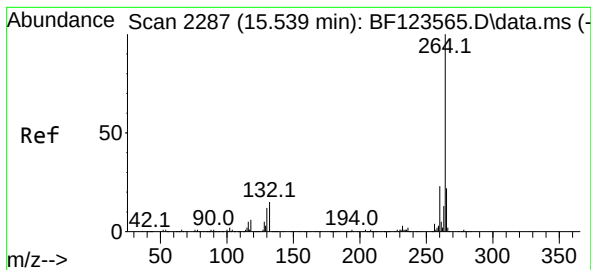
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.4 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.012 min
 Lab File: BF123683.D
 Acq: 22 Apr 2021 9:57

Instrument :
 BNA_F
 ClientSampleId :
 PB135894BL

Tgt Ion:264 Resp: 602230
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 21.8 17.8 26.8

