

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
 Data File : BF123524.D
 Acq On : 30 Mar 2021 16:36
 Operator : JU/CG
 Sample : M1832-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IG004

Quant Time: Mar 30 16:58:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 30 11:51:25 2021
 Response via : Initial Calibration

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

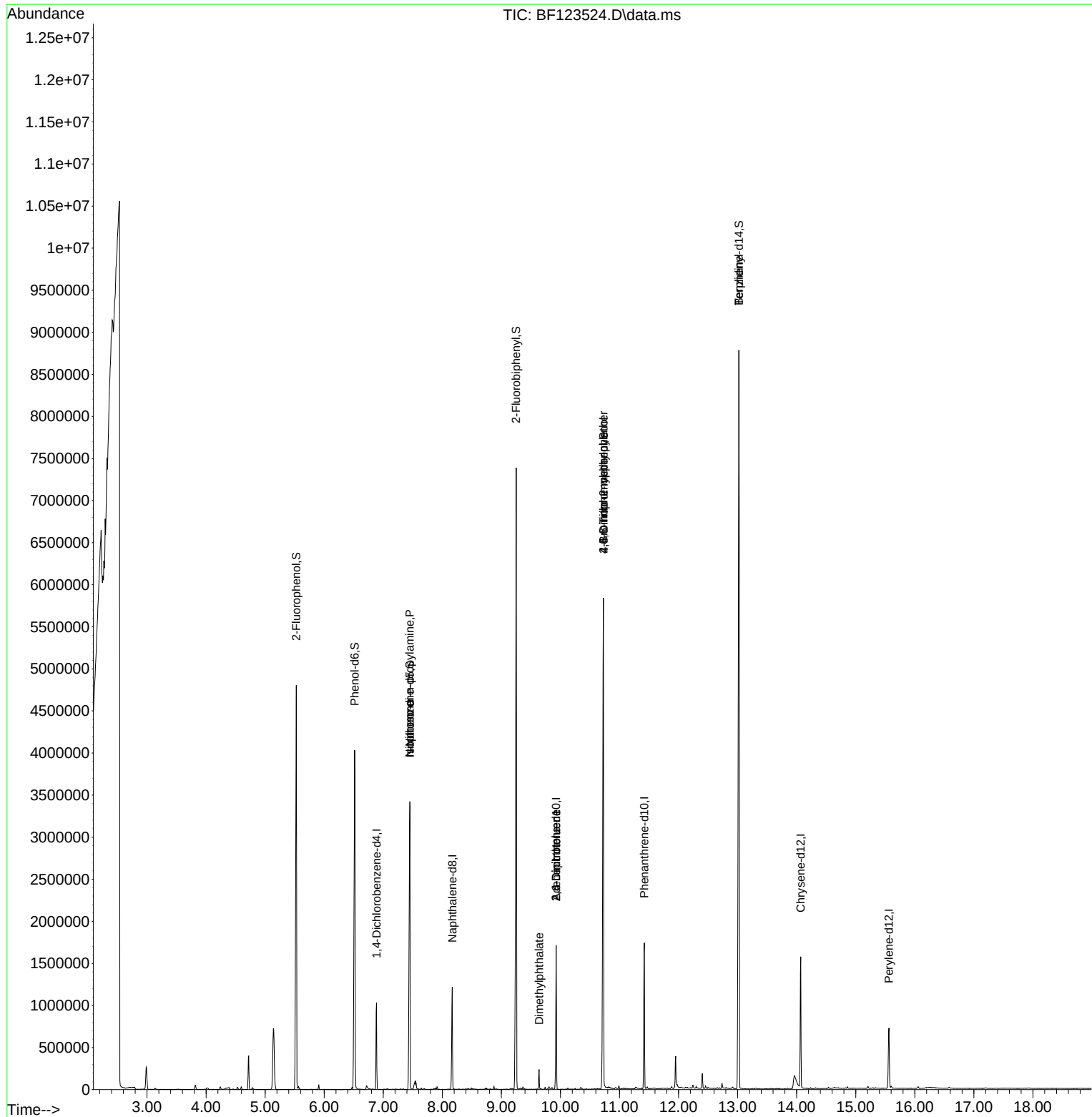
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	139681	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	526738	20.00	ng	# 0.00
39) Acenaphthene-d10	9.928	164	324148	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	645289	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	539694	20.00	ng	# 0.00
86) Perylene-d12	15.562	264	357264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1258364	147.38	ng	0.02
7) Phenol-d6	6.516	99	1468951	129.24	ng	0.00
23) Nitrobenzene-d5	7.451	82	1239194	126.97	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	844569	233.05	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2472965	108.99	ng	0.00
79) Terphenyl-d14	13.021	244	3717266	116.73	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	125	Below Cal	#	41
19) n-Nitroso-di-n-propyla...	7.451	70	177055	24.08	ng	# 81
25) Isophorone	7.451	82	1225517	58.41	ng	# 65
50) Dimethylphthalate	9.639	163	77991	3.39	ng	98
51) 2,6-Dinitrotoluene	9.928	165	43652	9.08	ng	# 31
57) 2,4-Dinitrotoluene	9.928	165	43652	7.27	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	1358	5.47	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	47207	6.18	ng	# 1
77) Benzidine	13.021	184	50690	3.15	ng	# 93

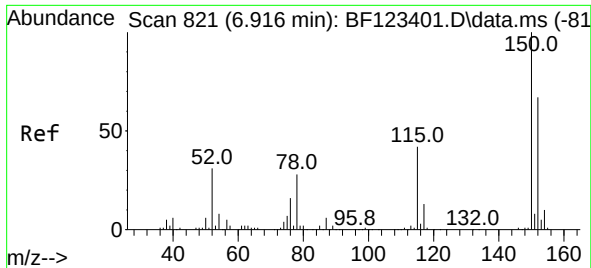
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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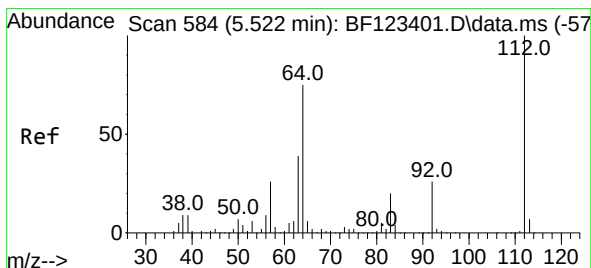
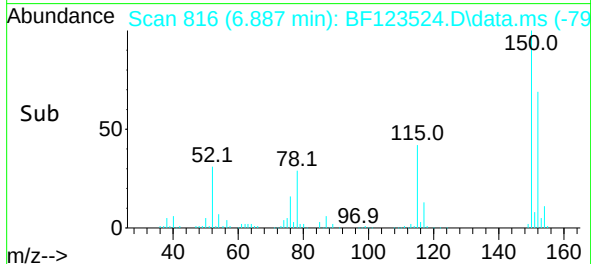
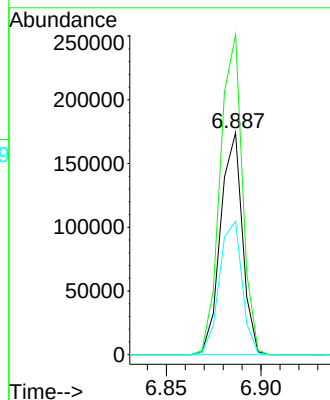
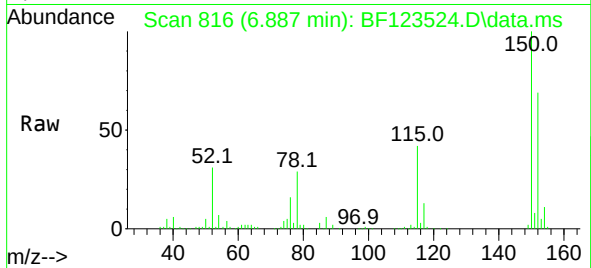




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

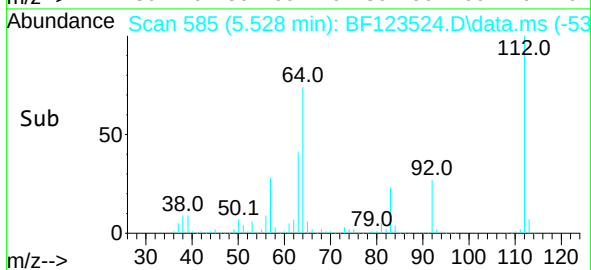
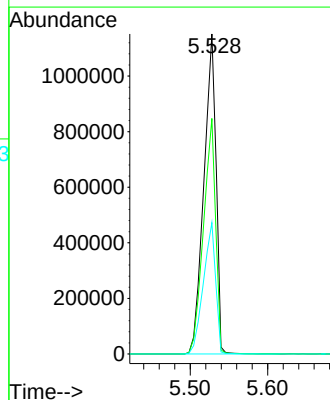
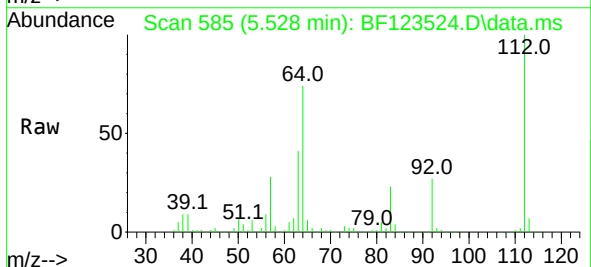
Instrument :
BNA_F
ClientSampleId :
IG004

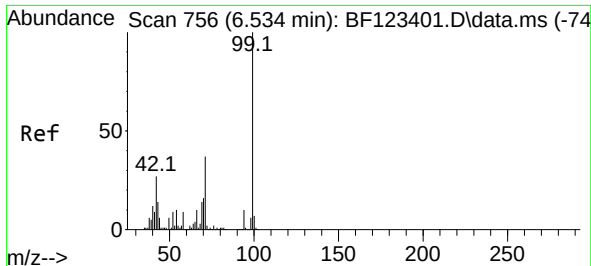
Tgt Ion:152 Resp: 139681
Ion Ratio Lower Upper
152 100
150 144.2 125.8 188.6
115 60.1 49.3 73.9



#5
2-Fluorophenol
Concen: 147.38 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.024 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

Tgt Ion:112 Resp: 1258364
Ion Ratio Lower Upper
112 100
64 73.6 46.9 70.3#
63 41.1 24.5 36.7#

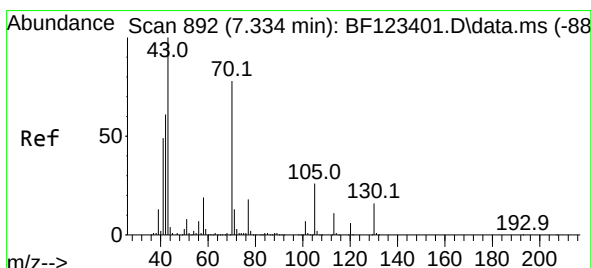
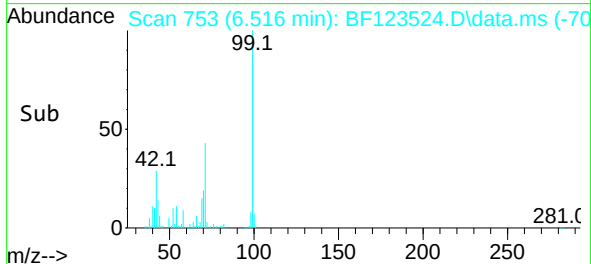
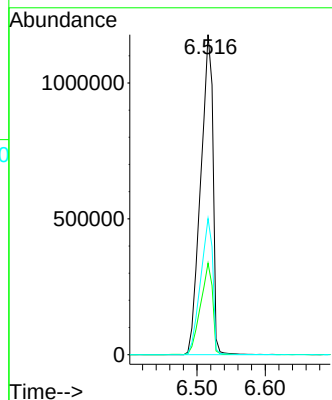
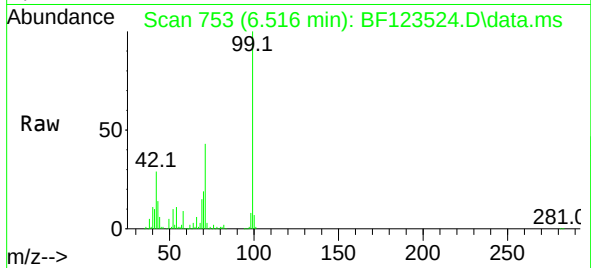




#7
Phenol-d6
Concen: 129.24 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

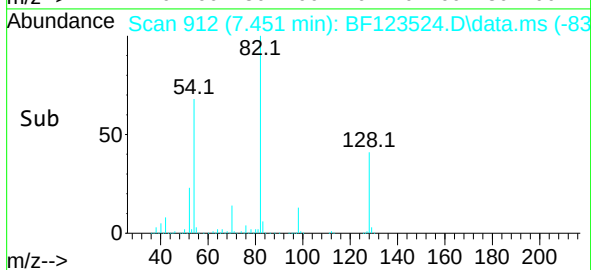
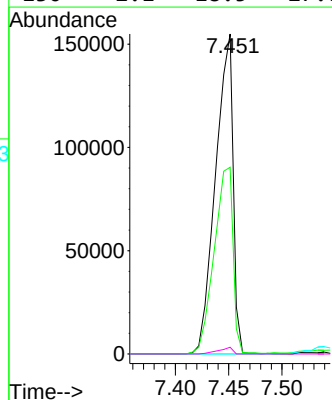
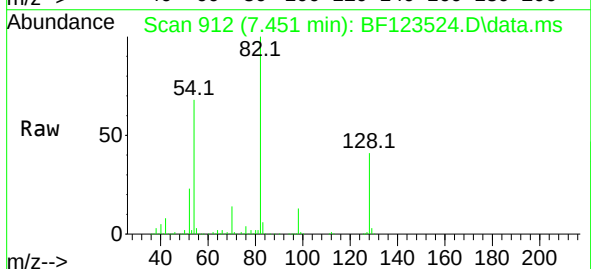
Instrument :
BNA_F
ClientSampleId :
IG004

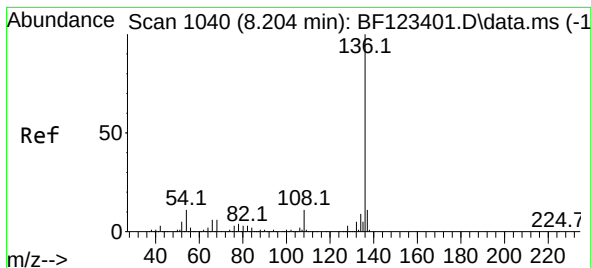
Tgt Ion: 99 Resp: 1468951
Ion Ratio Lower Upper
99 100
42 28.6 13.8 20.6#
71 42.6 26.9 40.3#



#19
n-Nitroso-di-n-propylamine
Concen: 24.08 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

Tgt Ion: 70 Resp: 177055
Ion Ratio Lower Upper
70 100
42 58.3 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#

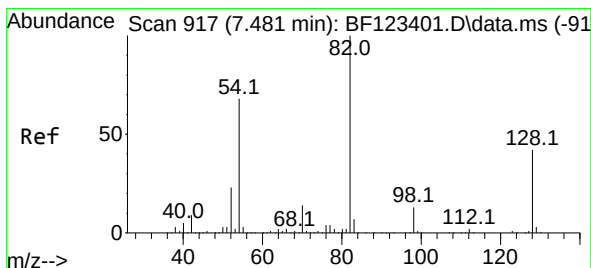
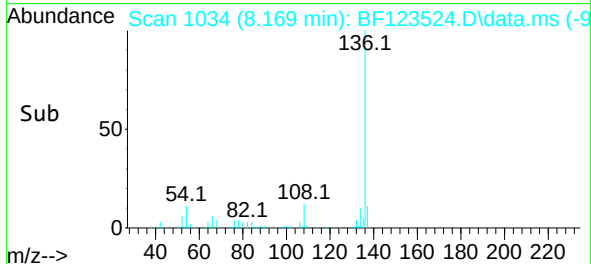
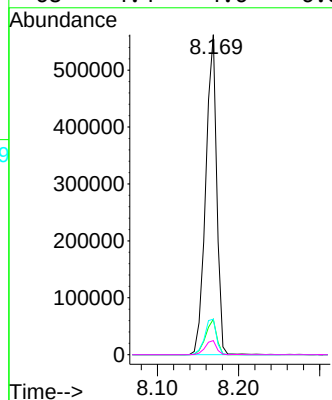
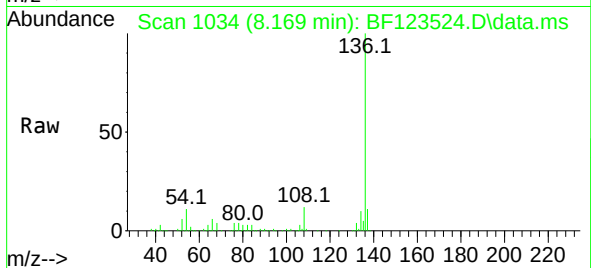




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

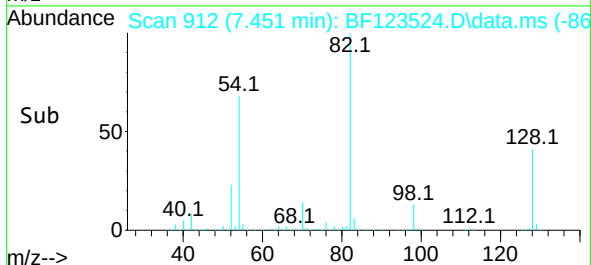
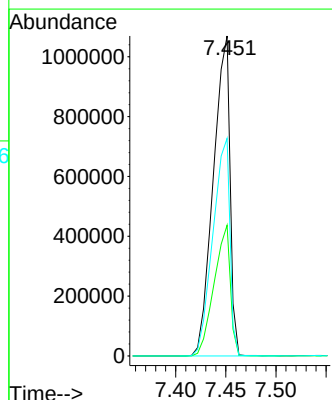
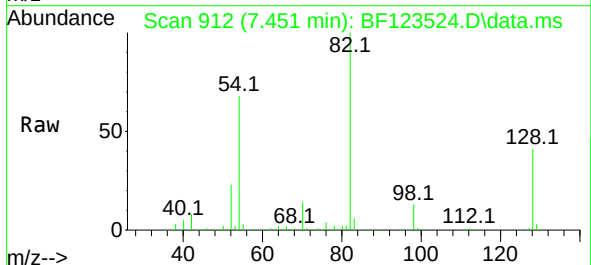
Instrument :
BNA_F
ClientSampled :
IG004

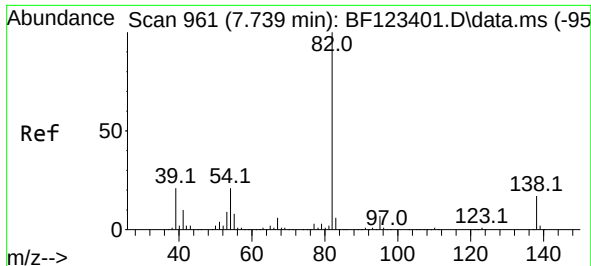
Tgt Ion:136 Resp: 526738
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.1 5.5 8.3#
68 4.4 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 126.97 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

Tgt Ion: 82 Resp: 1239194
Ion Ratio Lower Upper
82 100
128 40.8 37.0 55.4
54 68.0 38.4 57.6#

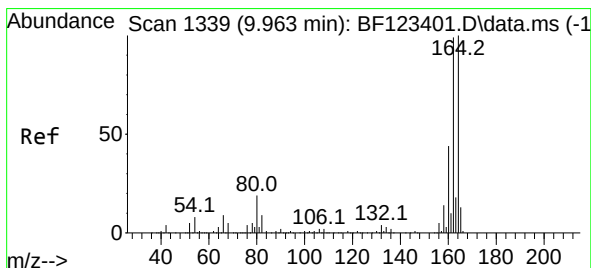
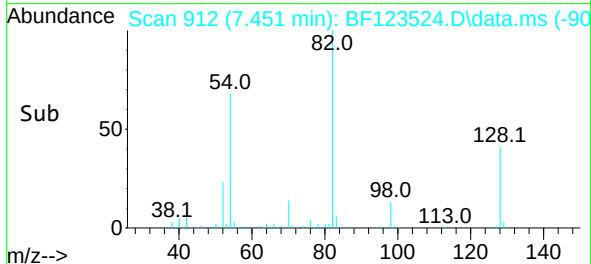
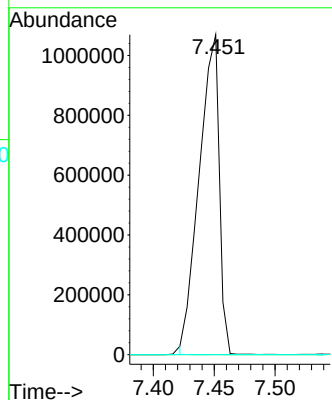
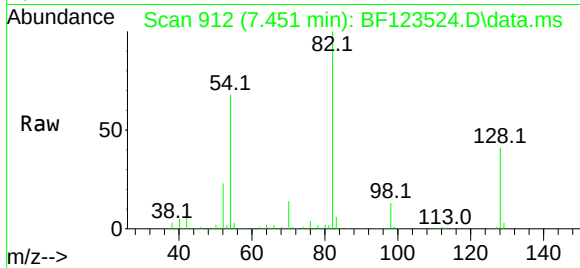




#25
Isophorone
Concen: 58.41 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

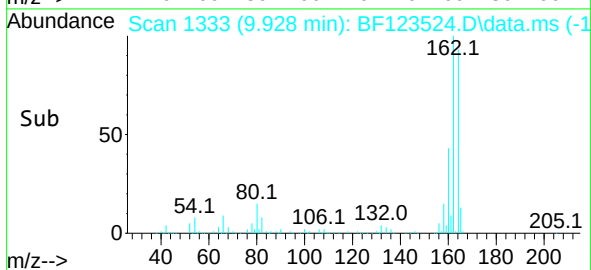
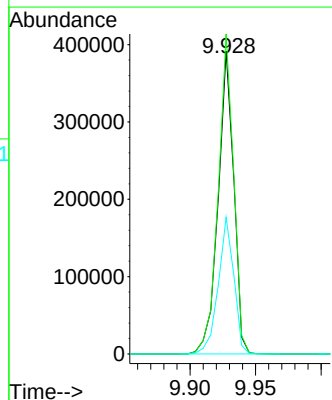
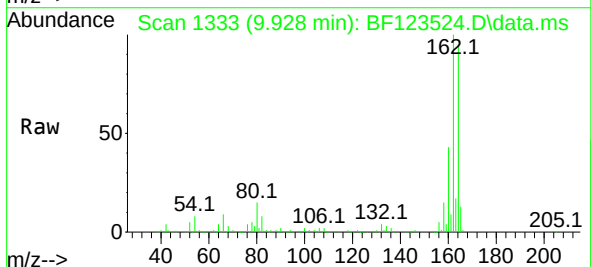
Instrument :
BNA_F
ClientSampleId :
IG004

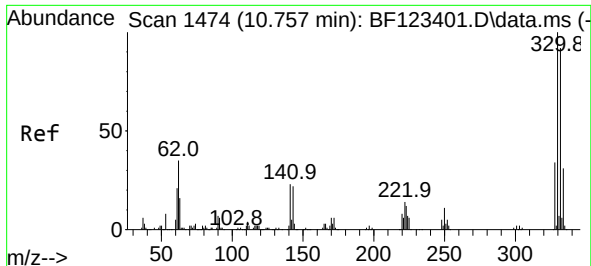
Tgt Ion: 82 Resp: 1225517
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

Tgt Ion:164 Resp: 324148
Ion Ratio Lower Upper
164 100
162 105.7 80.8 121.2
160 45.1 35.4 53.0

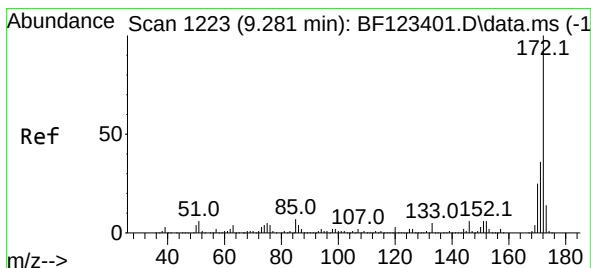
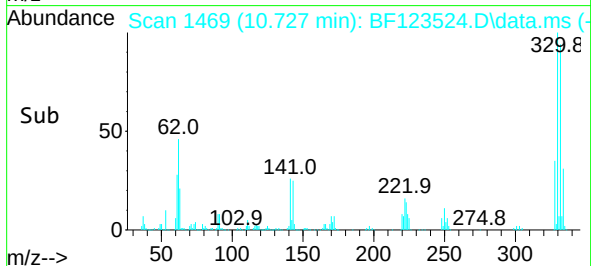
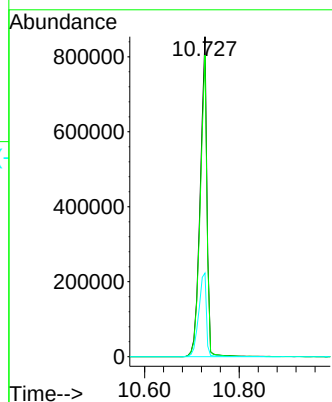
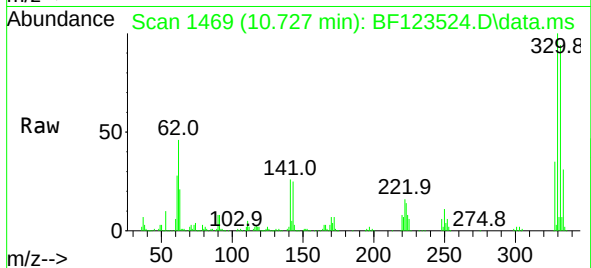




#42
2,4,6-Tribromophenol
Concen: 233.05 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

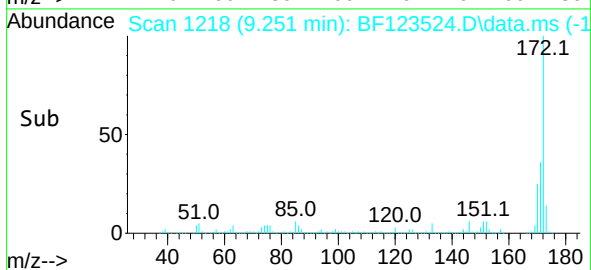
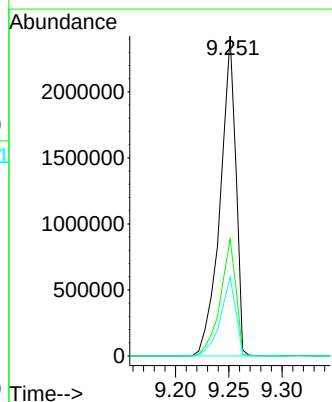
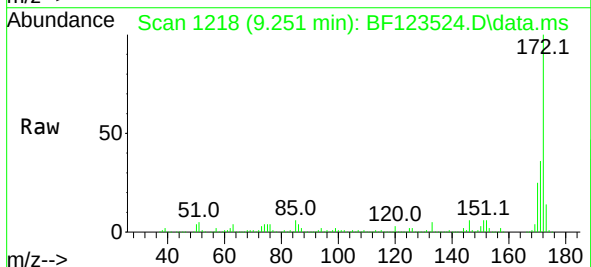
Instrument :
BNA_F
ClientSampled :
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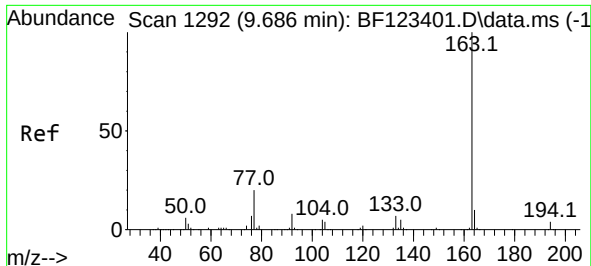
Tgt Ion: 330 Resp: 844569
Ion Ratio Lower Upper
330 100
332 94.4 77.5 116.3
141 29.7 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 108.99 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

Tgt Ion: 172 Resp: 2472965
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.6 19.5 29.3

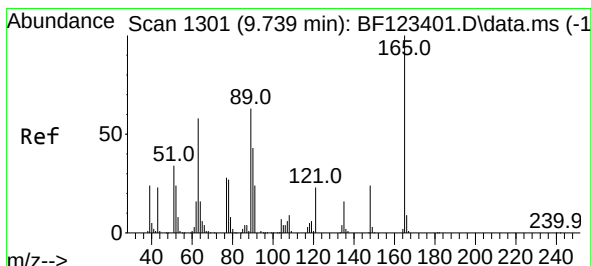
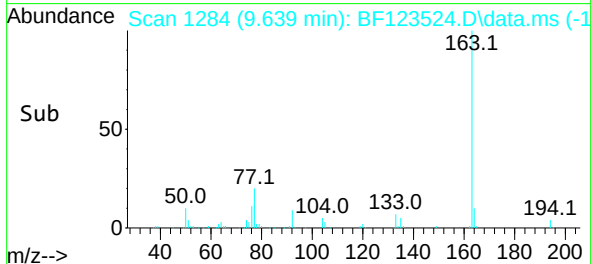
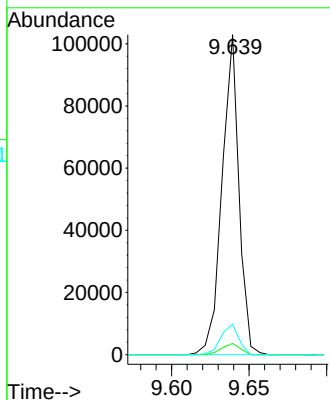
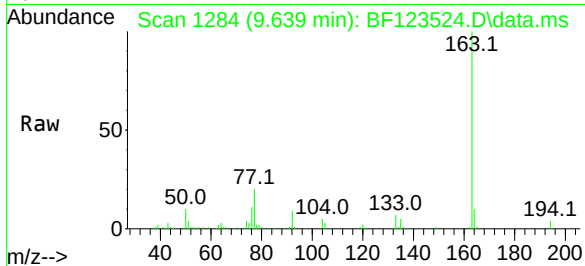




#50
Dimethylphthalate
Concen: 3.39 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

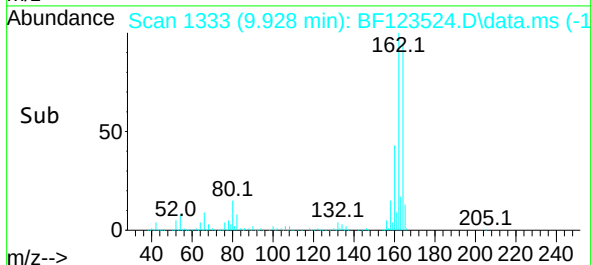
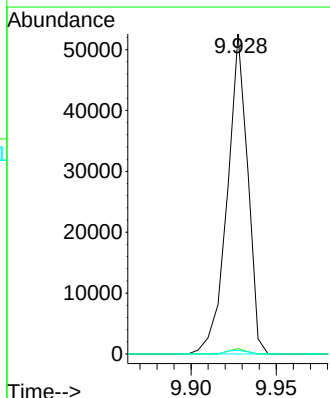
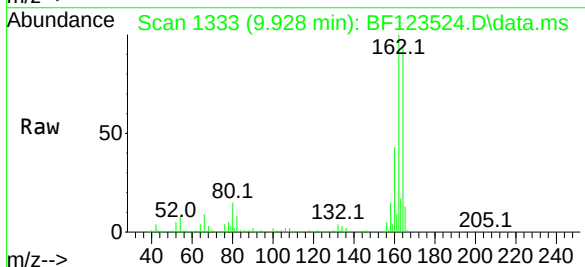
Instrument :
BNA_F
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IG004

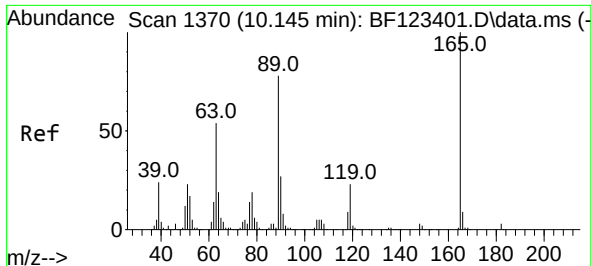
Tgt Ion:163 Resp: 77991
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.0
164 9.6 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 9.08 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

Tgt Ion:165 Resp: 43652
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.1 39.4 59.0#

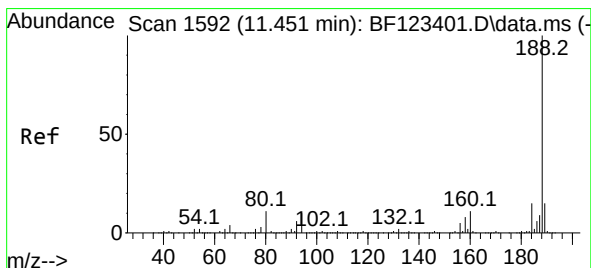
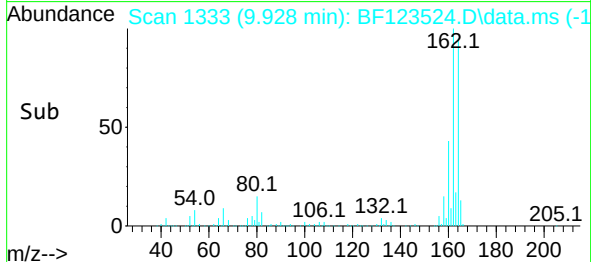
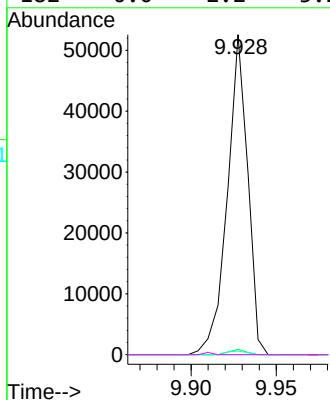
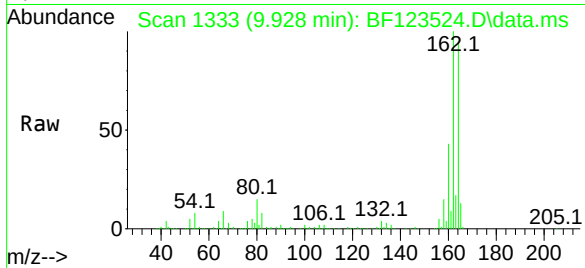




#57
2,4-Dinitrotoluene
Concen: 7.27 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

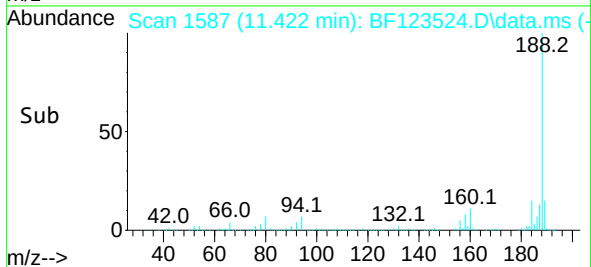
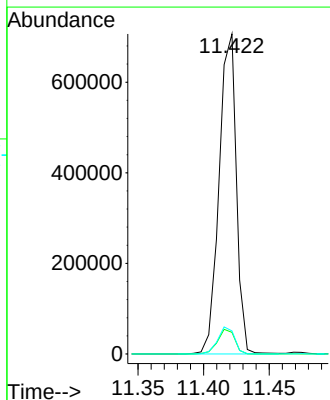
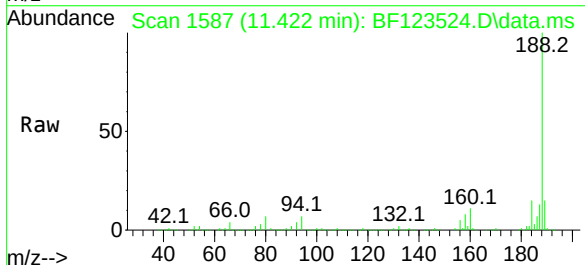
Instrument :
BNA_F
ClientSampleId :
IG004

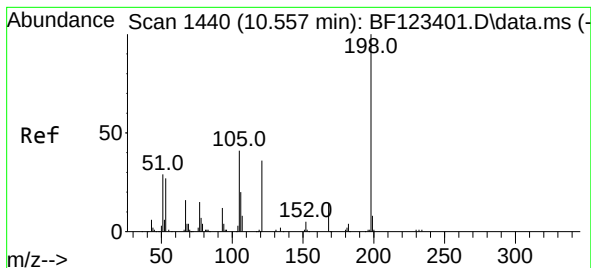
Tgt Ion:165 Resp: 43652
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

Tgt Ion:188 Resp: 645289
Ion Ratio Lower Upper
188 100
94 6.8 7.4 11.2#
80 7.2 8.2 12.4#

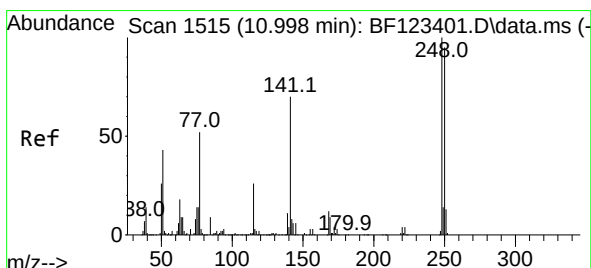
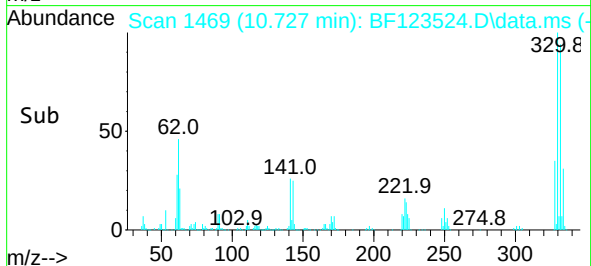
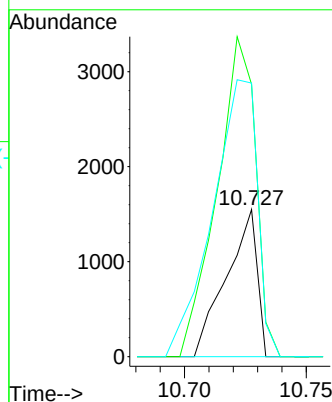
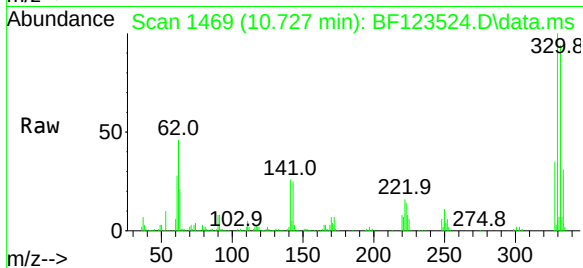




#65
4,6-Dinitro-2-methylphenol
Concen: 5.47 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

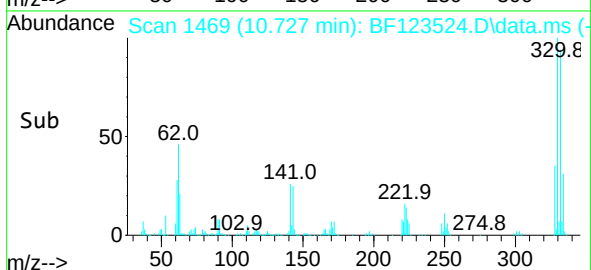
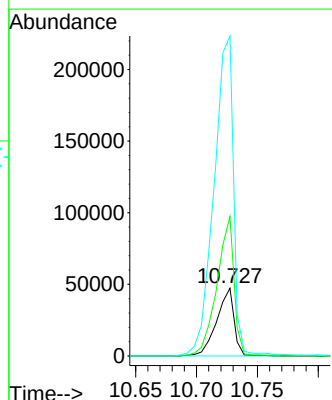
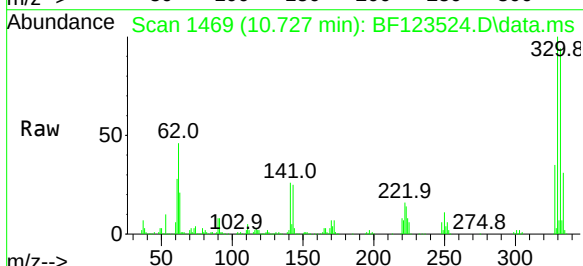
Instrument :
BNA_F
ClientSampled :
IG004

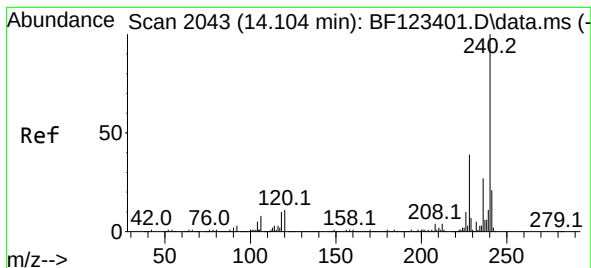
Tgt Ion:198 Resp: 1358
Ion Ratio Lower Upper
198 100
51 185.0 20.3 60.3#
105 185.9 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 6.18 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

Tgt Ion:248 Resp: 47207
Ion Ratio Lower Upper
248 100
250 205.7 76.8 115.2#
141 472.2 59.8 89.8#

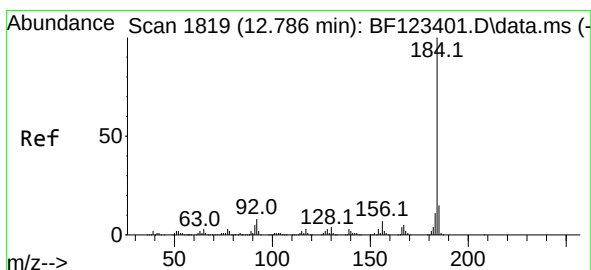
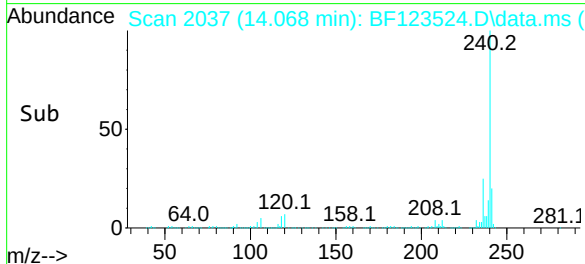
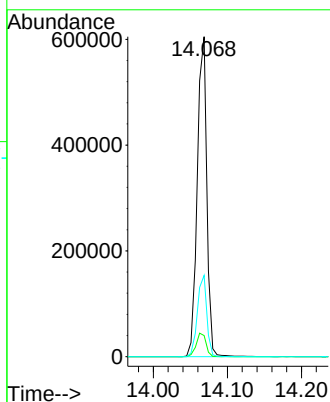
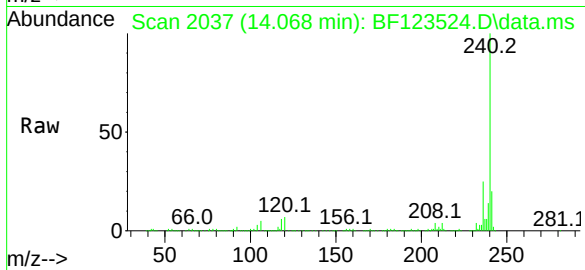




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

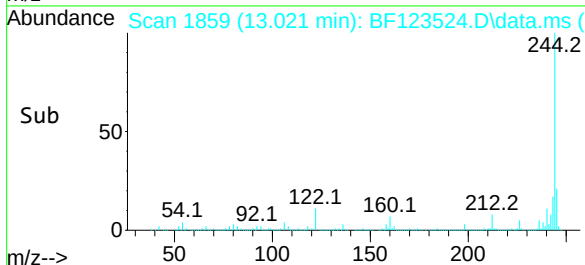
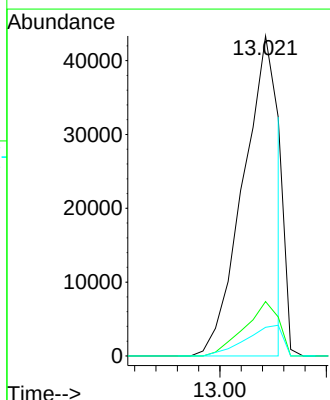
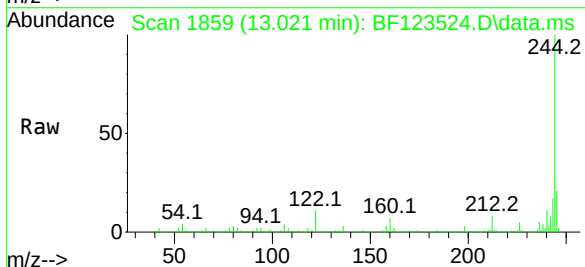
Instrument :
BNA_F
ClientSampleId :
IG004

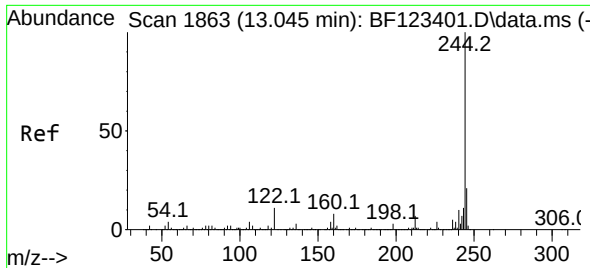
Tgt Ion:240 Resp: 539694
Ion Ratio Lower Upper
240 100
120 6.6 8.6 12.8#
236 25.4 20.3 30.5



#77
Benzidine
Concen: 3.15 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.265 min
Lab File: BF123524.D
Acq: 30 Mar 2021 16:36

Tgt Ion:184 Resp: 50690
Ion Ratio Lower Upper
184 100
185 17.0 11.8 17.6
183 8.9 9.7 14.5#

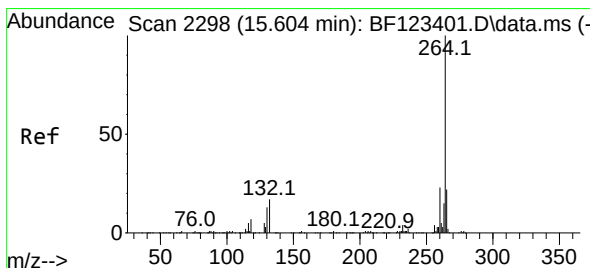
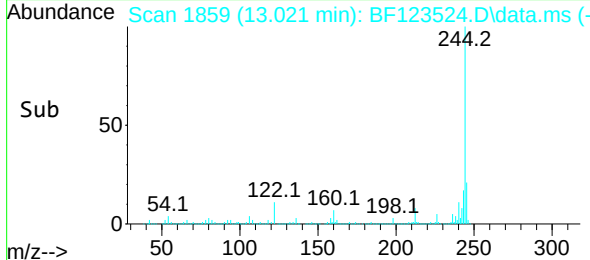
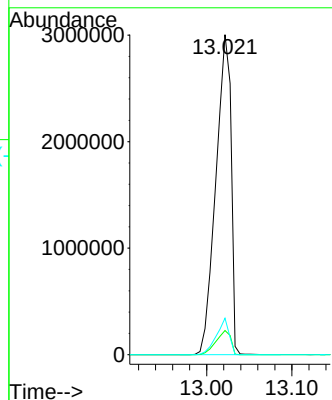
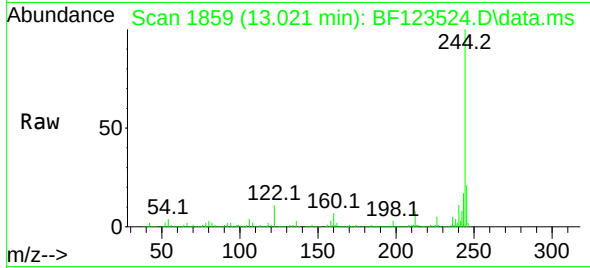




#79
 Terphenyl-d14
 Concen: 116.73 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. 0.006 min
 Lab File: BF123524.D
 Acq: 30 Mar 2021 16:36

Instrument :
 BNA_F
 ClientSampleId :
 IG004

Tgt Ion:244 Resp: 3717266
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 11.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF123524.D
 Acq: 30 Mar 2021 16:36

Tgt Ion:264 Resp: 357264
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 21.4 17.0 25.6

