

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
 Data File : BF123523.D
 Acq On : 30 Mar 2021 16:03
 Operator : JU/CG
 Sample : M1832-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IG003

Quant Time: Mar 30 16:58:16 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)

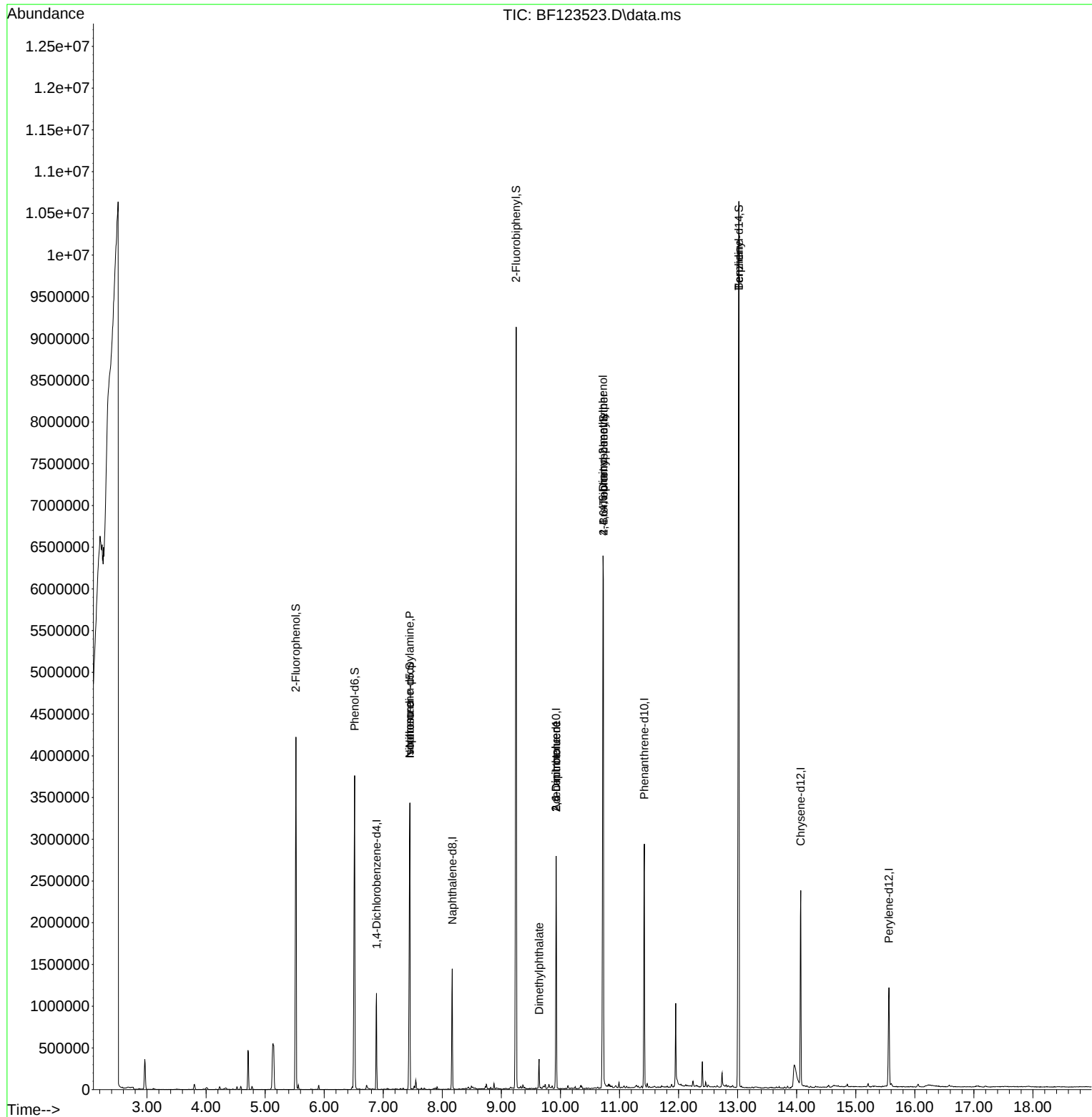
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	154400	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	582127	20.00	ng	# 0.00
39) Acenaphthene-d10	9.927	164	557667	20.00	ng	0.00
64) Phenanthrene-d10	11.421	188	1057970	20.00	ng	0.00
76) Chrysene-d12	14.068	240	809196	20.00	ng	0.00
86) Perylene-d12	15.562	264	573813	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1091809	115.68	ng	0.02
7) Phenol-d6	6.516	99	1186616	94.45	ng	0.00
23) Nitrobenzene-d5	7.451	82	1130058	104.77	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	1005042	161.20	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3080017	78.90	ng	0.00
79) Terphenyl-d14	13.021	244	4181022	87.57	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	2382	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	161911	19.92	ng	# 81
25) Isophorone	7.451	82	1121212	48.35	ng	# 65
50) Dimethylphthalate	9.639	163	125723	3.17	ng	# 98
51) 2,6-Dinitrotoluene	9.927	165	73683	8.91	ng	# 31
57) 2,4-Dinitrotoluene	9.927	165	73683	7.14	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.722	198	2120	5.46	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	59535	4.75	ng	# 1
77) Benzidine	13.021	184	57057	2.37	ng	97

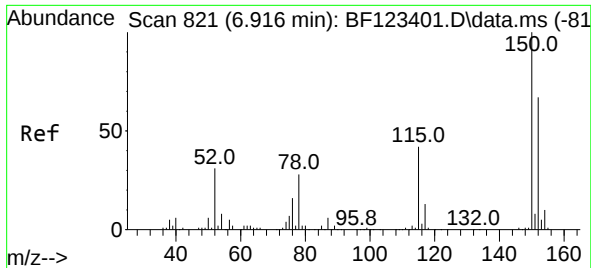
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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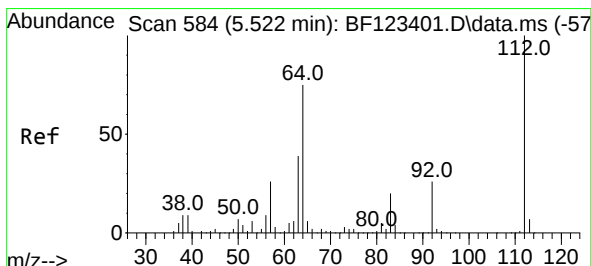
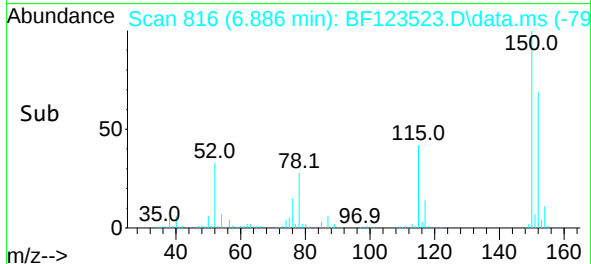
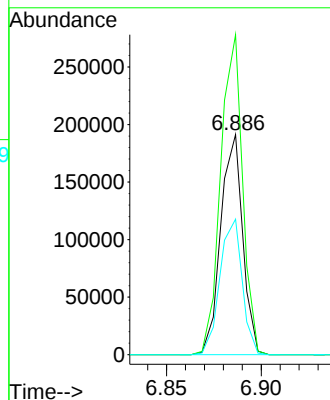
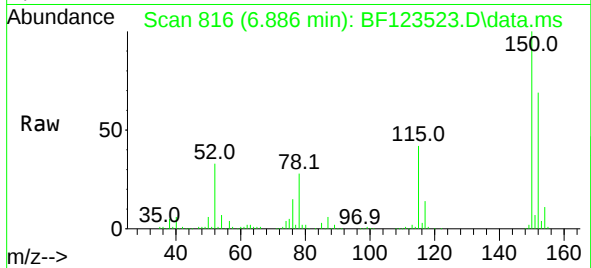




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.001 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

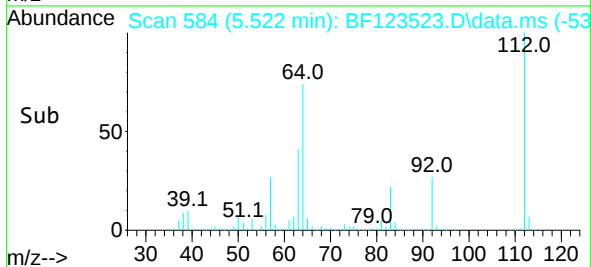
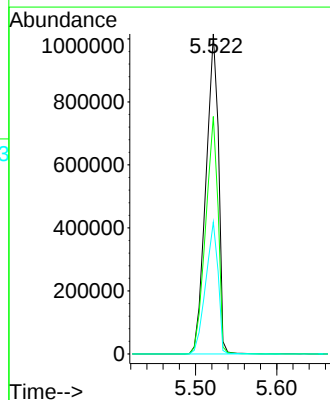
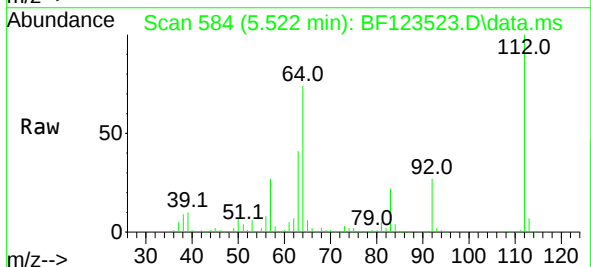
Instrument :
BNA_F
ClientSampleId :
IG003

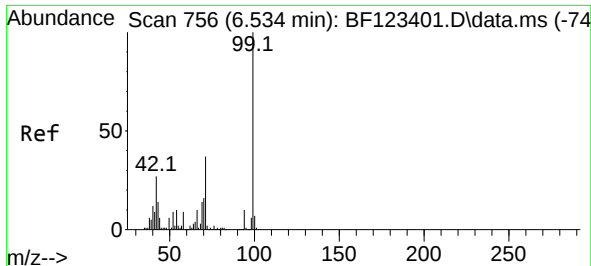
Tgt Ion:152 Resp: 154400
Ion Ratio Lower Upper
152 100
150 145.3 125.8 188.6
115 61.5 49.3 73.9



#5
2-Fluorophenol
Concen: 115.68 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

Tgt Ion:112 Resp: 1091809
Ion Ratio Lower Upper
112 100
64 74.2 46.9 70.3#
63 41.2 24.5 36.7#

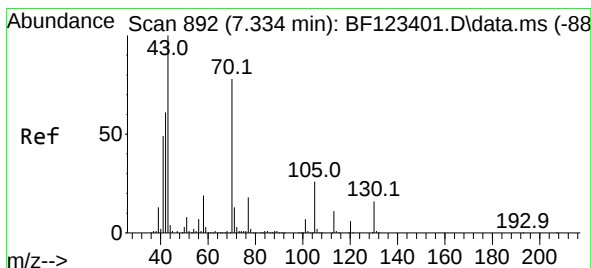
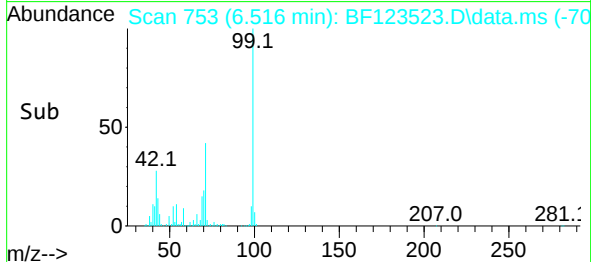
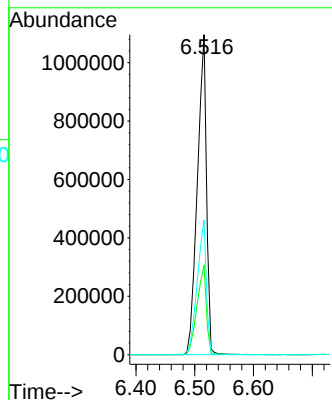
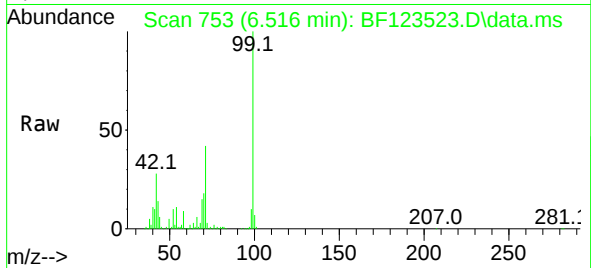




#7
Phenol-d6
Concen: 94.45 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

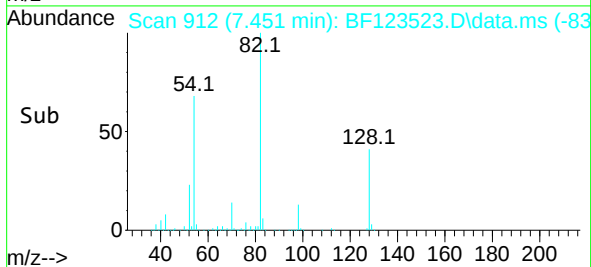
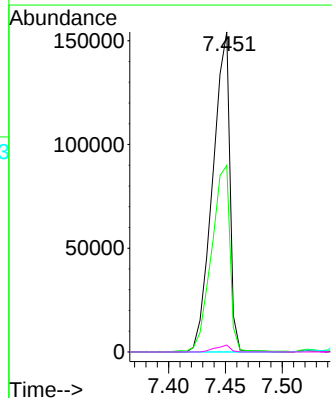
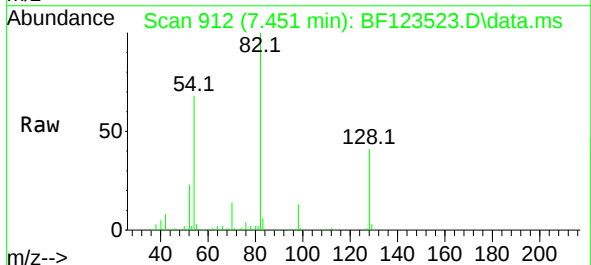
Instrument :
BNA_F
ClientSampleId :
IG003

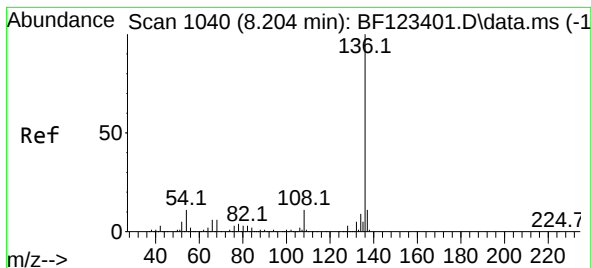
Tgt Ion: 99 Resp: 1186616
Ion Ratio Lower Upper
99 100
42 27.7 13.8 20.6#
71 42.1 26.9 40.3#



#19
n-Nitroso-di-n-propylamine
Concen: 19.92 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

Tgt Ion: 70 Resp: 161911
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#

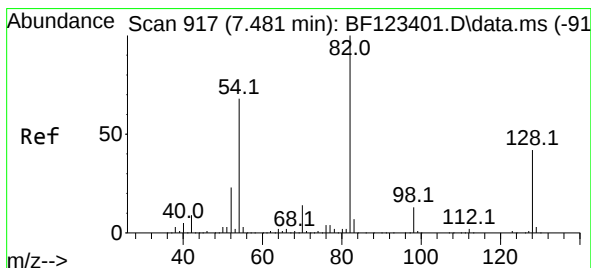
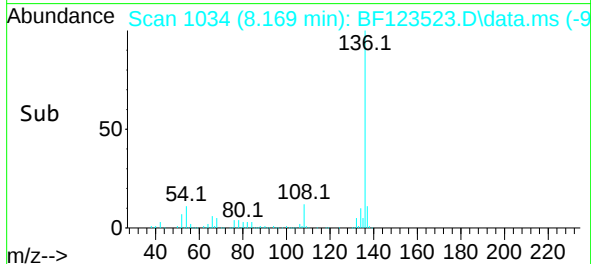
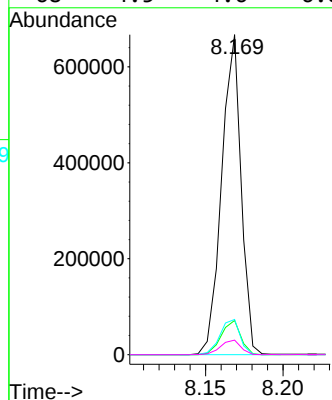
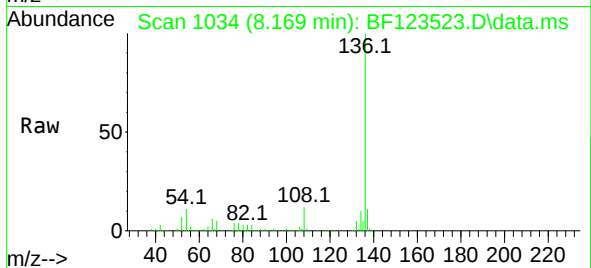




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

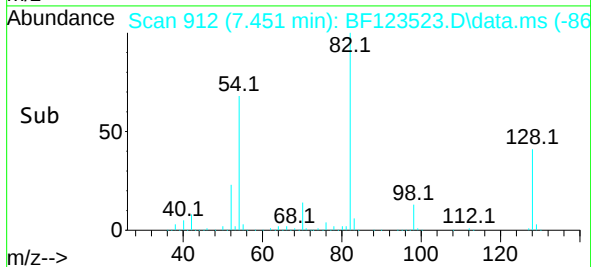
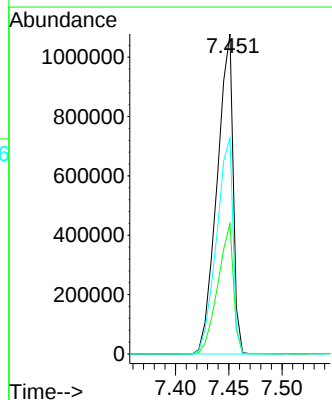
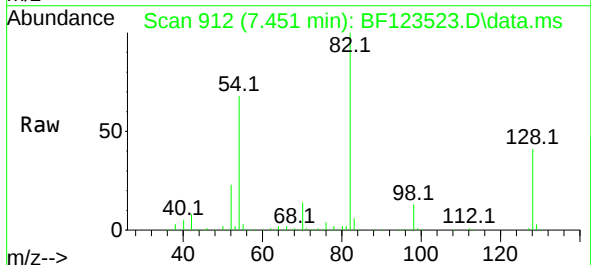
Instrument :
BNA_F
ClientSampleId :
IG003

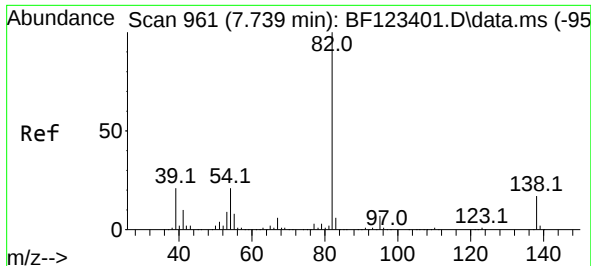
Tgt Ion:136 Resp: 582127
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 11.0 5.5 8.3#
68 4.5 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 104.77 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

Tgt Ion: 82 Resp: 1130058
Ion Ratio Lower Upper
82 100
128 40.8 37.0 55.4
54 67.5 38.4 57.6#

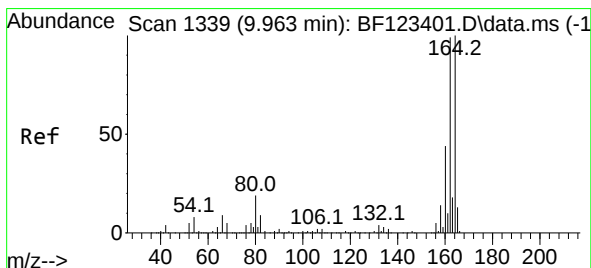
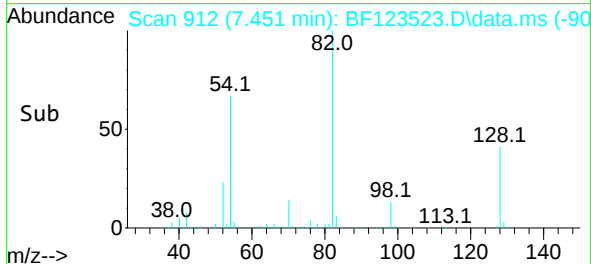
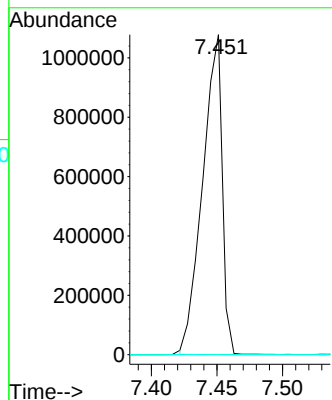
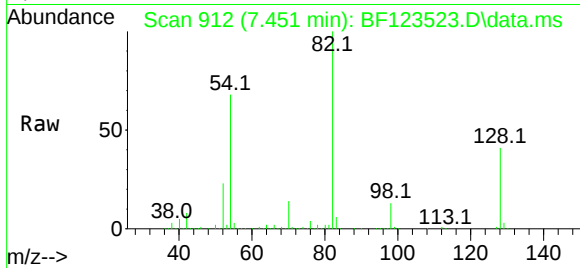




#25
Isophorone
Concen: 48.35 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

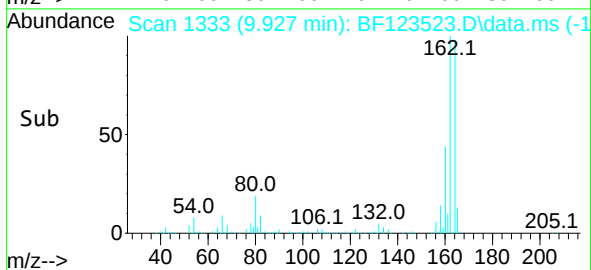
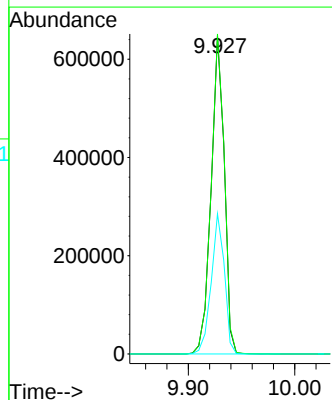
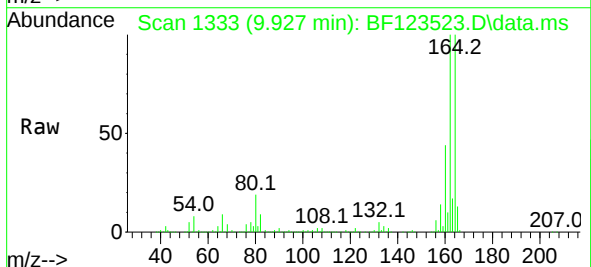
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ClientSampleId :
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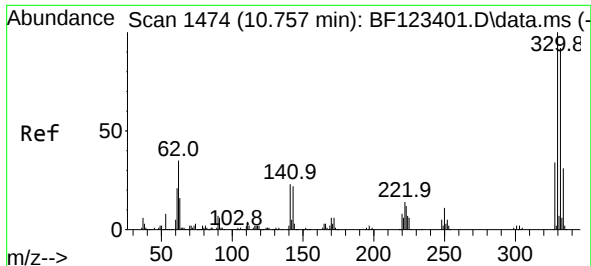
Tgt Ion: 82 Resp: 1121212
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

Tgt Ion:164 Resp: 557667
Ion Ratio Lower Upper
164 100
162 100.5 80.8 121.2
160 44.0 35.4 53.0

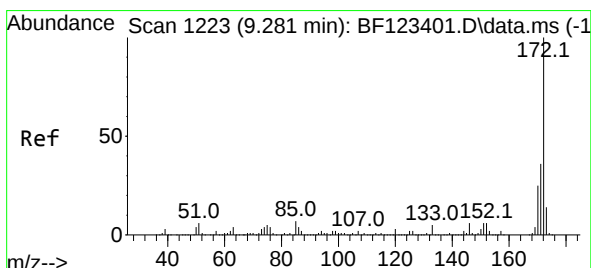
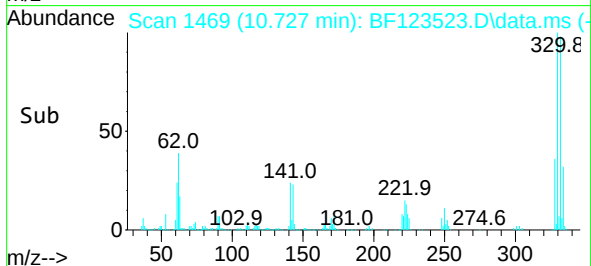
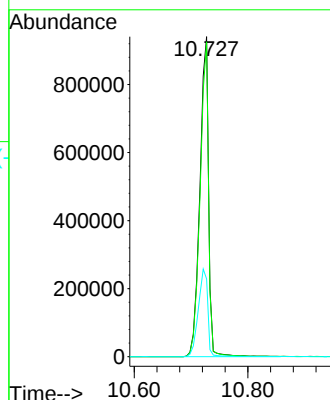
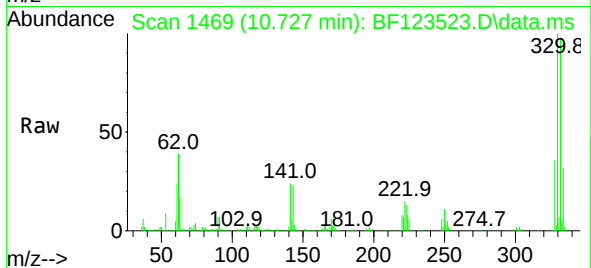




#42
2,4,6-Tribromophenol
Concen: 161.20 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

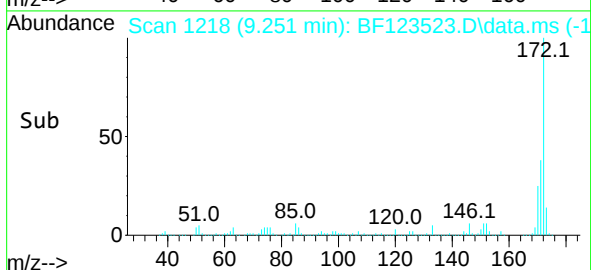
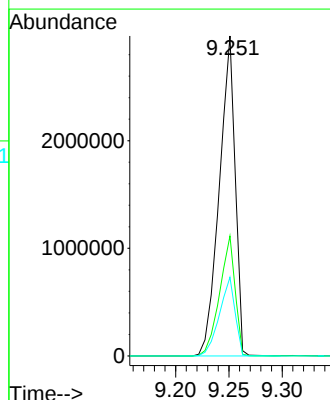
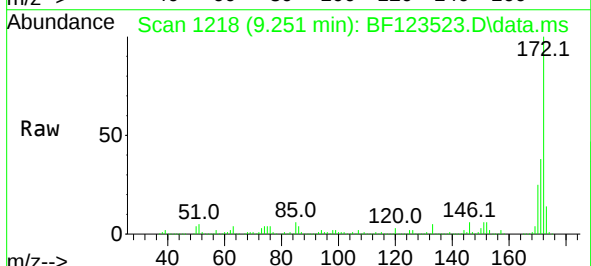
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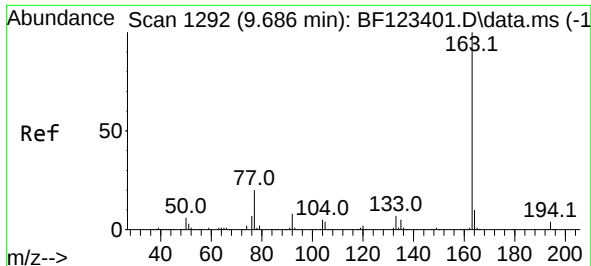
Tgt Ion:330 Resp: 1005042
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 29.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 78.90 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

Tgt Ion:172 Resp: 3080017
Ion Ratio Lower Upper
172 100
171 37.5 29.6 44.4
170 24.6 19.5 29.3

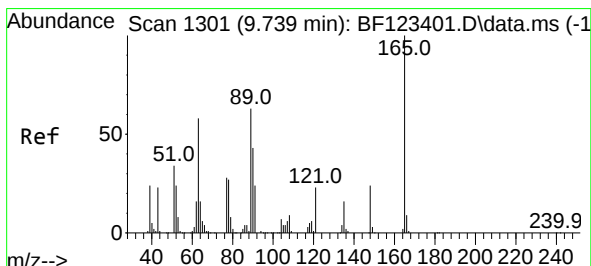
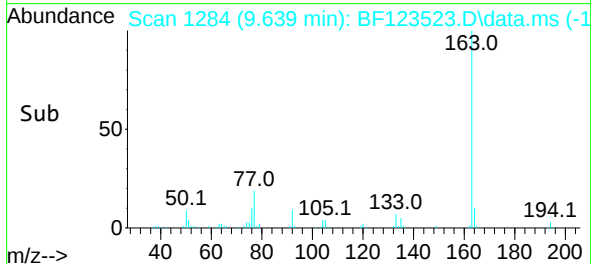
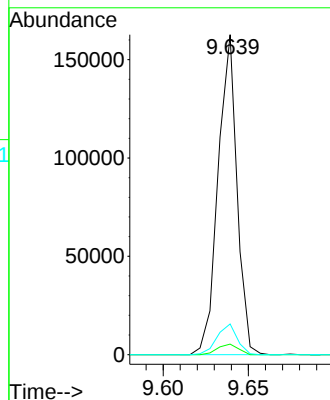
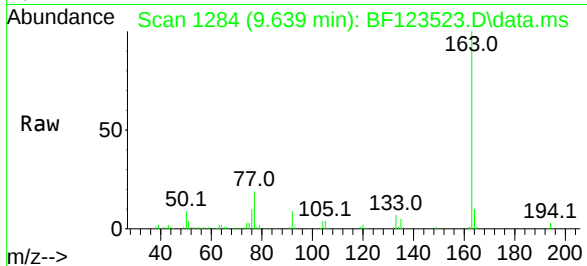




#50
Dimethylphthalate
Concen: 3.17 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

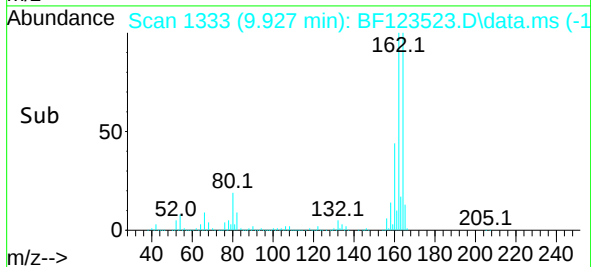
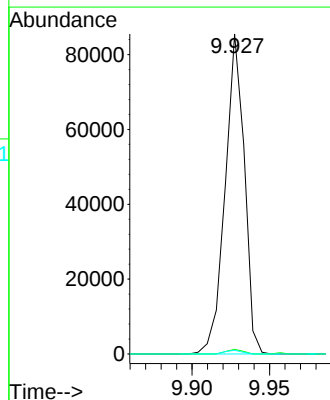
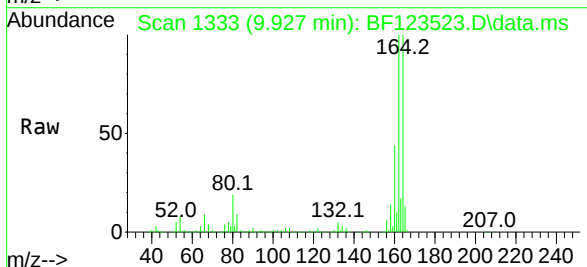
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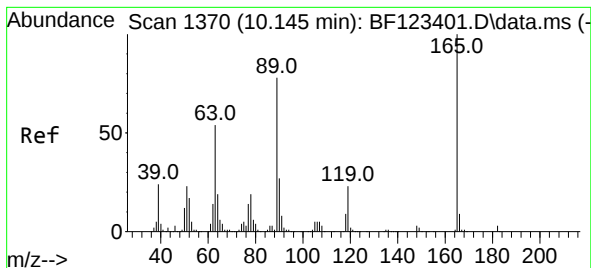
Tgt Ion:163 Resp: 125723
Ion Ratio Lower Upper
163 100
194 3.3 3.4 5.0#
164 9.6 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 8.91 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

Tgt Ion:165 Resp: 73683
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.2 39.4 59.0#

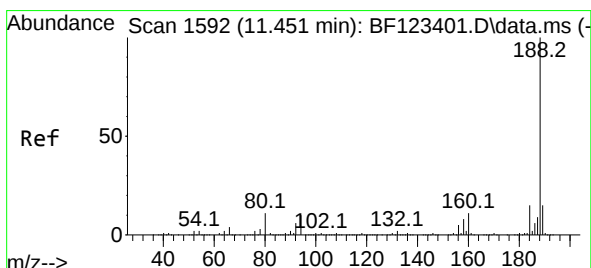
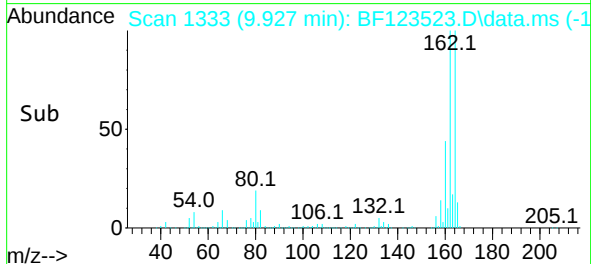
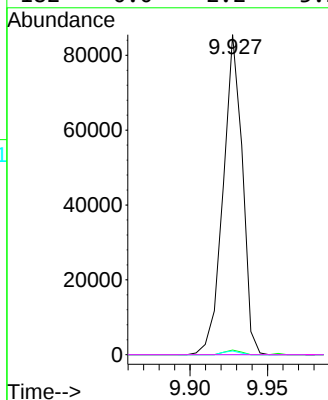
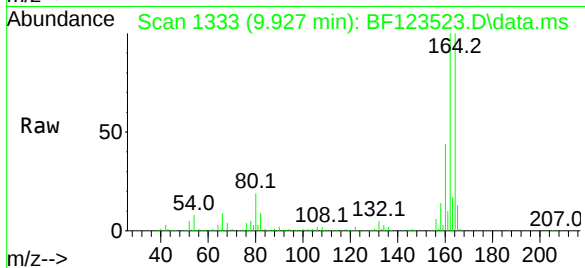




#57
2,4-Dinitrotoluene
Concen: 7.14 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

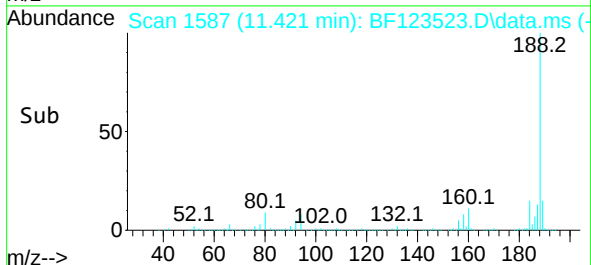
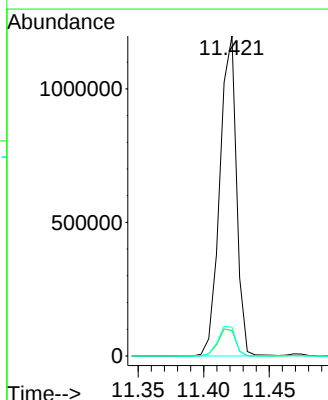
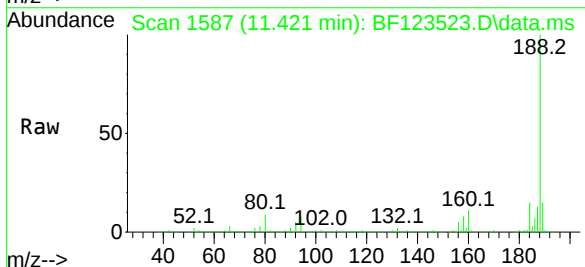
Instrument :
BNA_F
ClientSampleId :
IG003

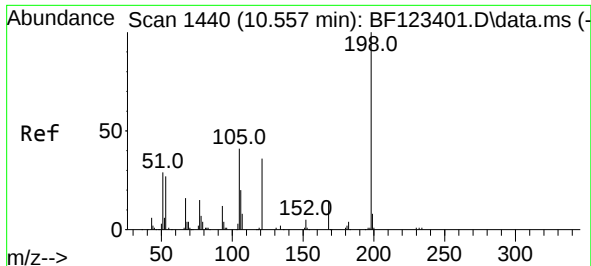
Tgt Ion:165	Resp:	73683
Ion Ratio	Lower	Upper
165	100	
63	1.4	34.3 51.5#
89	1.2	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

Tgt Ion:188	Resp:	1057970
Ion Ratio	Lower	Upper
188	100	
94	8.0	7.4 11.2
80	9.0	8.2 12.4

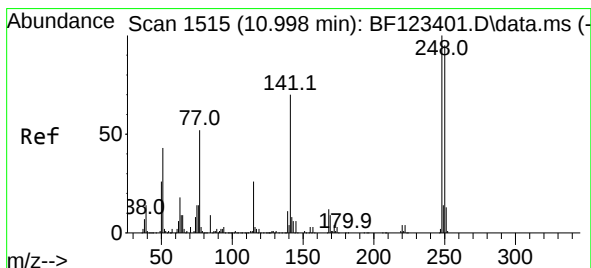
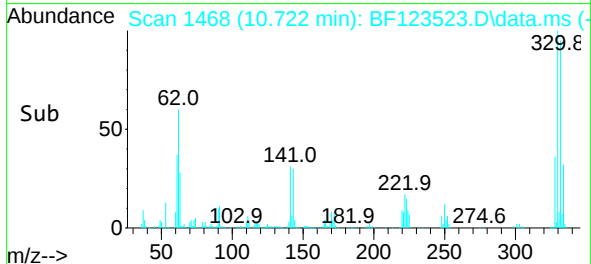
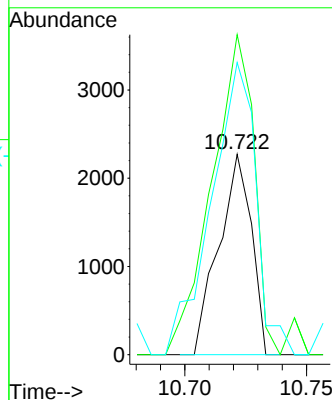
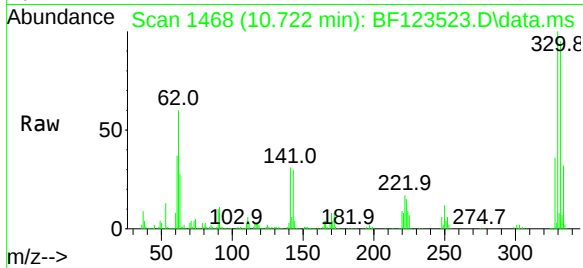




#65
4,6-Dinitro-2-methylphenol
Concen: 5.46 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.188 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

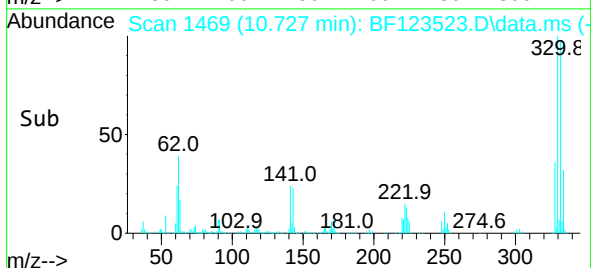
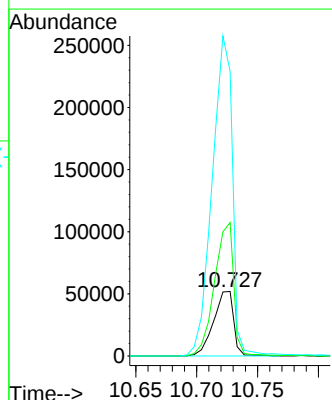
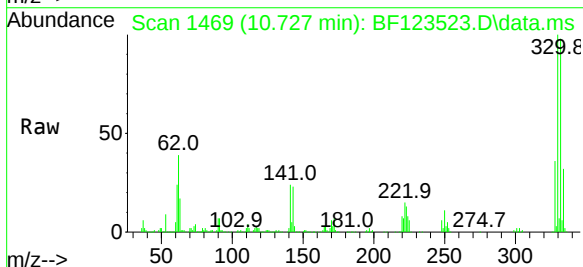
Instrument :
BNA_F
ClientSampled :
IG003

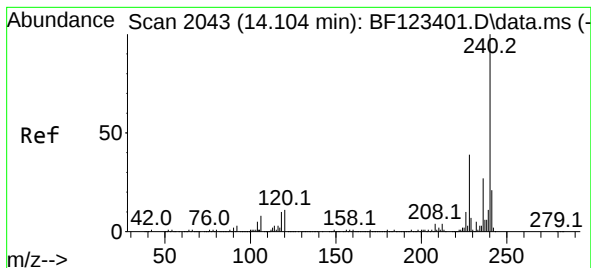
Tgt Ion:198 Resp: 2120
Ion Ratio Lower Upper
198 100
51 159.7 20.3 60.3#
105 145.8 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 4.75 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

Tgt Ion:248 Resp: 59535
Ion Ratio Lower Upper
248 100
250 206.9 76.8 115.2#
141 441.0 59.8 89.8#

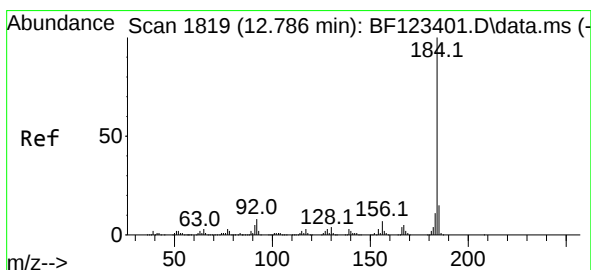
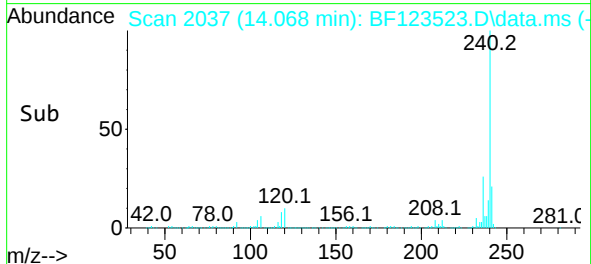
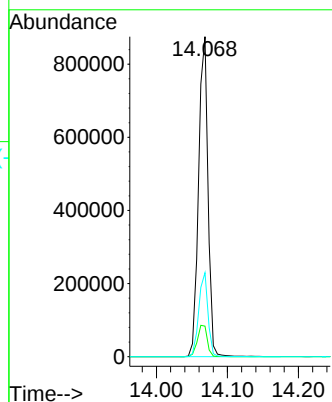
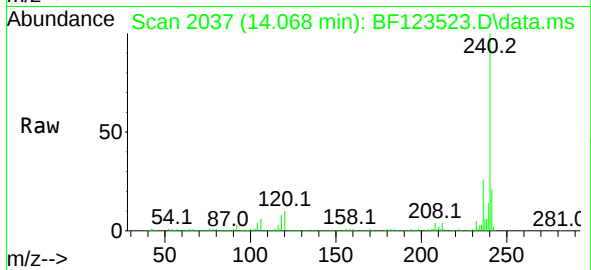




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

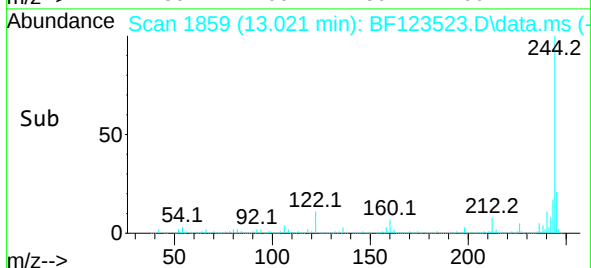
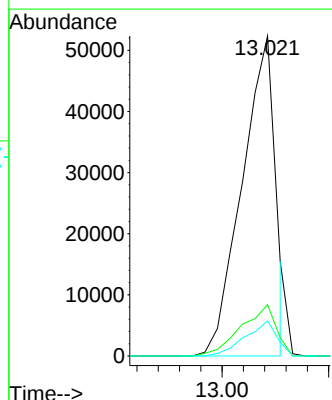
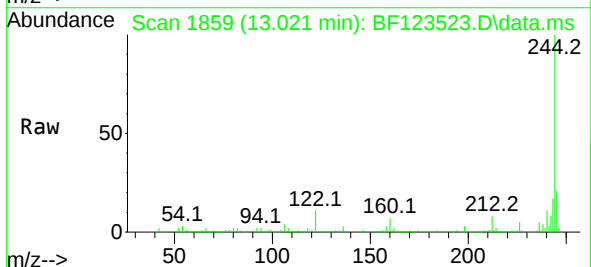
Instrument :
BNA_F
ClientSampleId :
IG003

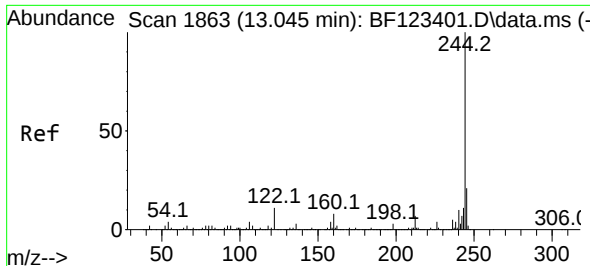
Tgt Ion:240 Resp: 809196
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 26.2 20.3 30.5



#77
Benzidine
Concen: 2.37 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.265 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

Tgt Ion:184 Resp: 57057
Ion Ratio Lower Upper
184 100
185 16.1 11.8 17.6
183 11.0 9.7 14.5

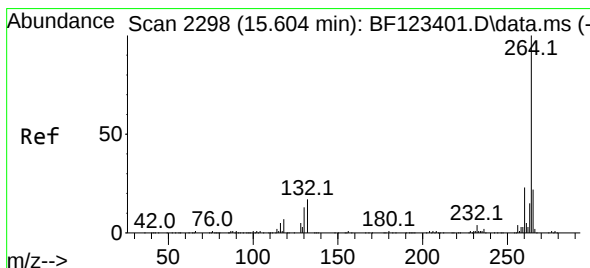
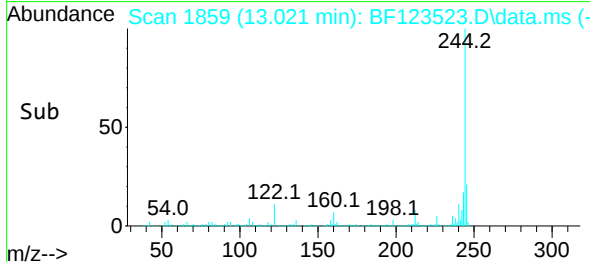
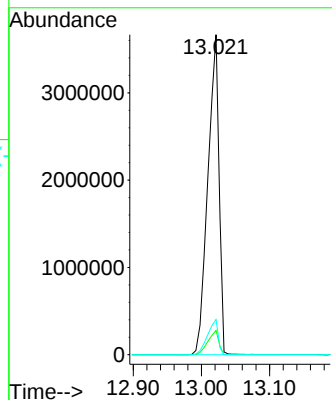
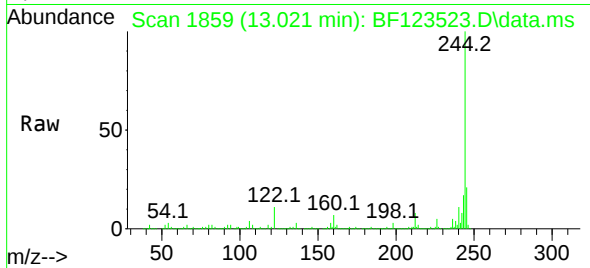




#79
Terphenyl-d14
Concen: 87.57 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.006 min
Lab File: BF123523.D
Acq: 30 Mar 2021 16:03

Instrument :
BNA_F
ClientSampleId :
IG003

Tgt Ion:244 Resp: 4181022
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 11.0 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: BF123523.D
Acq: 30 Mar 2021 16:03

Tgt Ion:264 Resp: 573813
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.1 17.0 25.6

