

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
 Data File : BF123520.D
 Acq On : 30 Mar 2021 14:27
 Operator : JU/CG
 Sample : M1832-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IG005

Quant Time: Mar 30 14:59:39 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)

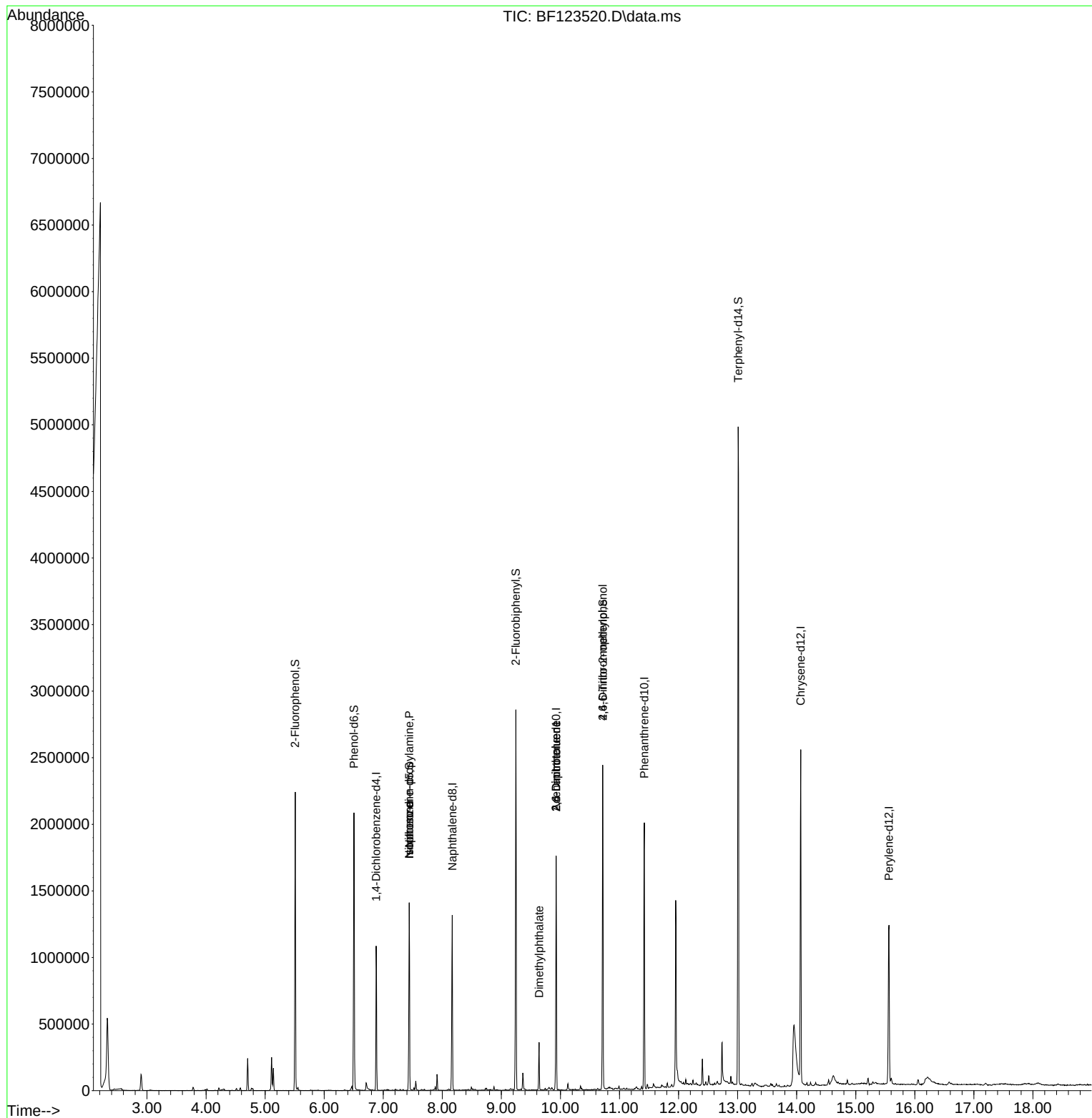
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	145252	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	539527	20.00	ng	# 0.00
39) Acenaphthene-d10	9.927	164	335373	20.00	ng	0.00
64) Phenanthrene-d10	11.421	188	726658	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	844584	20.00	ng	0.00
86) Perylene-d12	15.562	264	576682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	466466	52.54	ng	0.00
7) Phenol-d6	6.504	99	596721	50.49	ng	-0.01
23) Nitrobenzene-d5	7.439	82	407196	40.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	284060	75.76	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	836116	35.62	ng	-0.01
79) Terphenyl-d14	13.010	244	1699470	34.10	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	131	Below Cal	#	45
19) n-Nitroso-di-n-propyla...	7.439	70	55842	7.30	ng	# 77
25) Isophorone	7.439	82	400645	18.64	ng	# 65
50) Dimethylphthalate	9.639	163	121251	5.09	ng	98
51) 2,6-Dinitrotoluene	9.927	165	44661	8.98	ng	# 31
57) 2,4-Dinitrotoluene	9.927	165	44661	7.19	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.716	198	528	5.24	ng	# 1

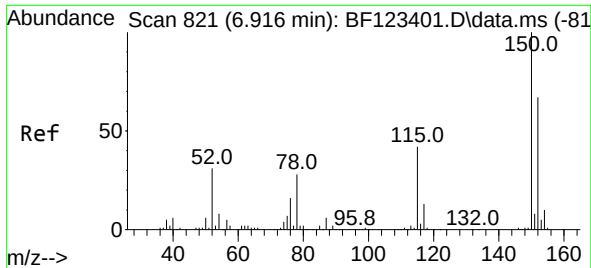
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
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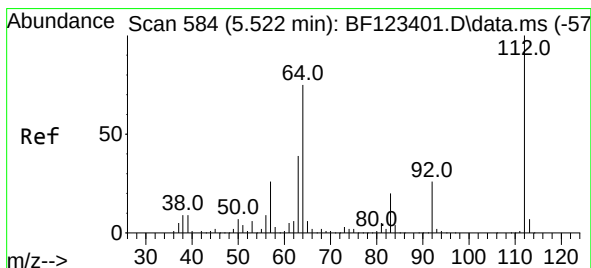
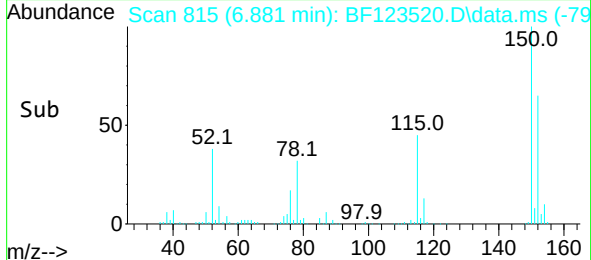
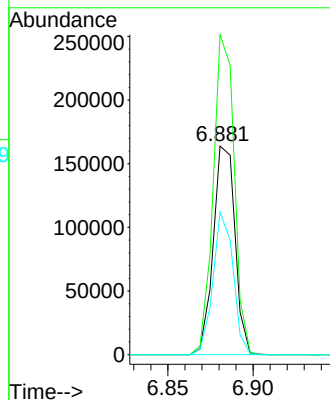
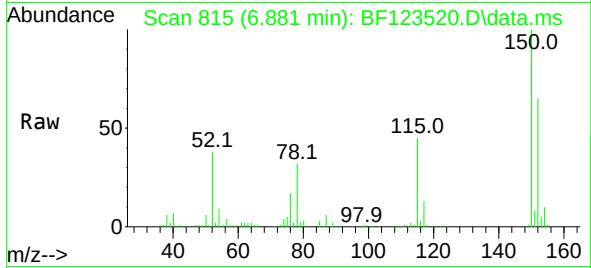




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF123520.D
Acq: 30 Mar 2021 14:27

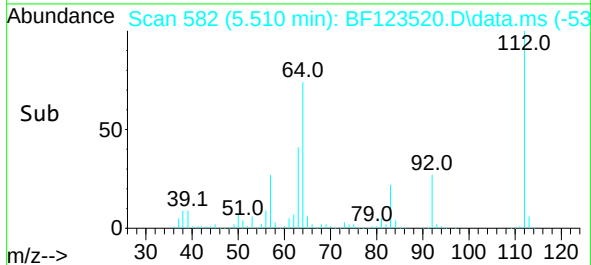
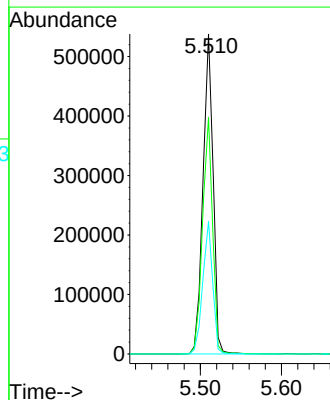
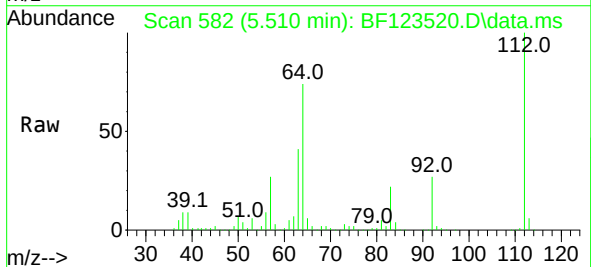
Instrument :
BNA_F
ClientSampleId :
IG005

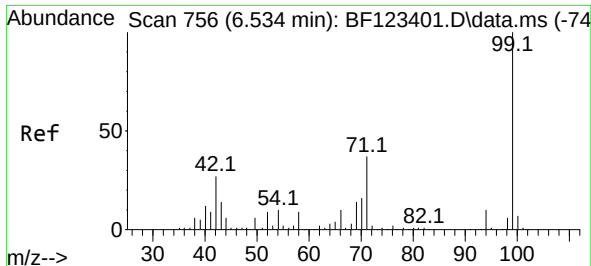
Tgt Ion:152 Resp: 145252
Ion Ratio Lower Upper
152 100
150 153.4 125.8 188.6
115 68.4 49.3 73.9



#5
2-Fluorophenol
Concen: 52.54 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123520.D
Acq: 30 Mar 2021 14:27

Tgt Ion:112 Resp: 466466
Ion Ratio Lower Upper
112 100
64 73.9 46.9 70.3#
63 41.5 24.5 36.7#

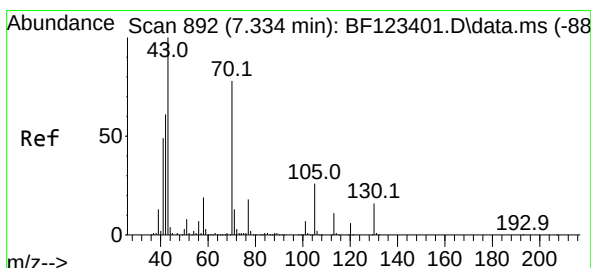
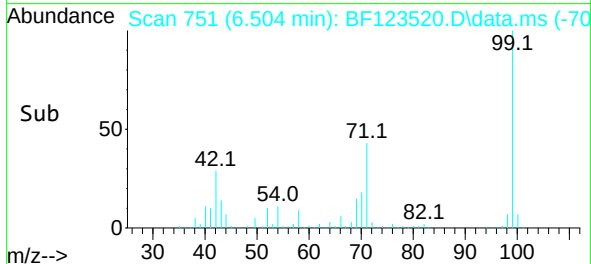
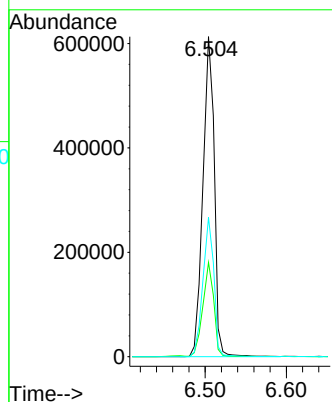
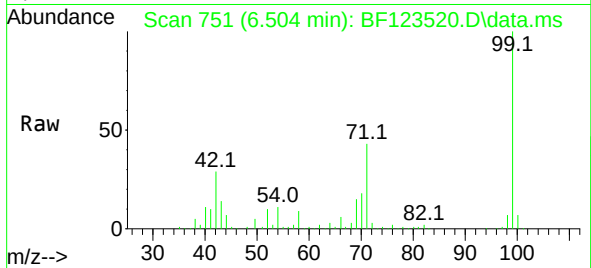




#7
Phenol-d6
Concen: 50.49 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF123520.D
Acq: 30 Mar 2021 14:27

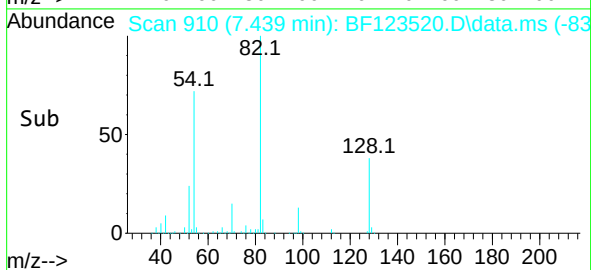
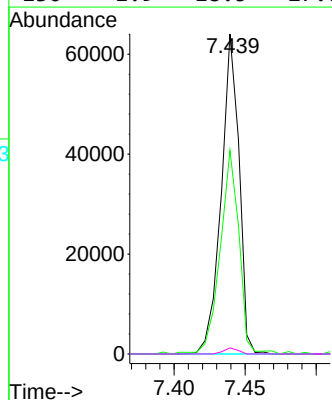
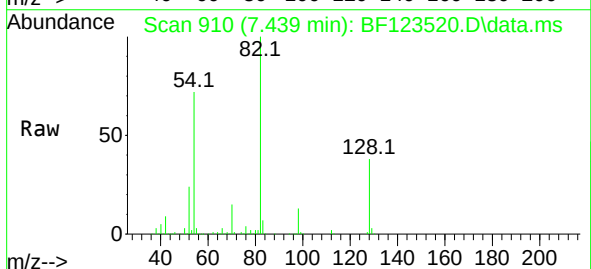
Instrument :
BNA_F
ClientSampleId :
IG005

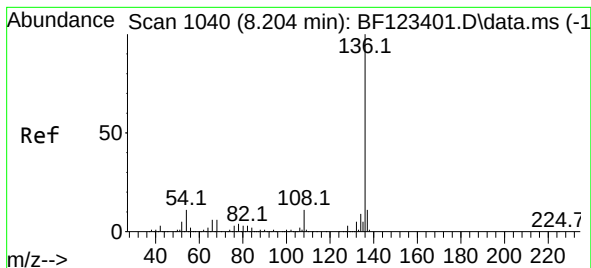
Tgt Ion: 99 Resp: 596721
Ion Ratio Lower Upper
99 100
42 29.5 13.8 20.6#
71 43.5 26.9 40.3#



#19
n-Nitroso-di-n-propylamine
Concen: 7.30 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.129 min
Lab File: BF123520.D
Acq: 30 Mar 2021 14:27

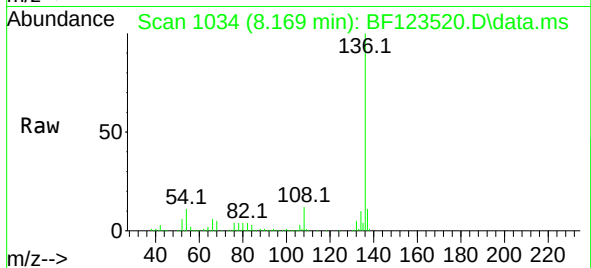
Tgt Ion: 70 Resp: 55842
Ion Ratio Lower Upper
70 100
42 63.6 43.0 64.4
101 0.0 7.9 11.9#
130 1.9 18.5 27.7#



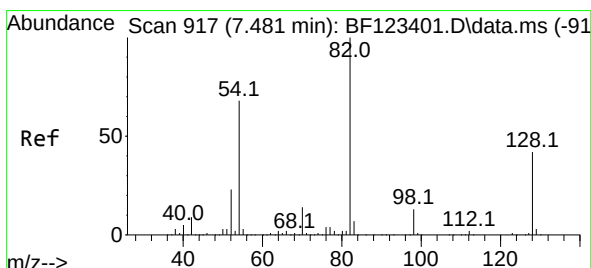
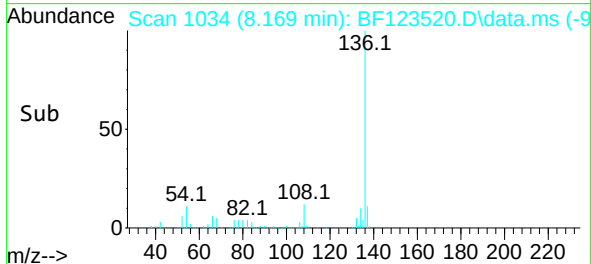
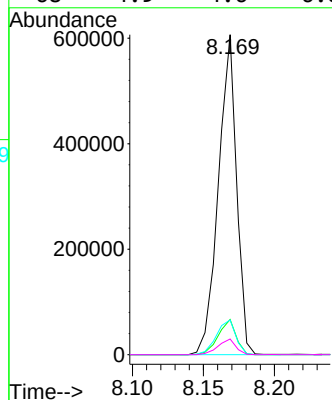


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF123520.D
Acq: 30 Mar 2021 14:27

Instrument :
BNA_F
ClientSampleId :
IG005

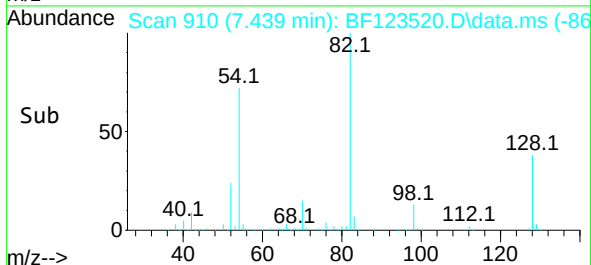
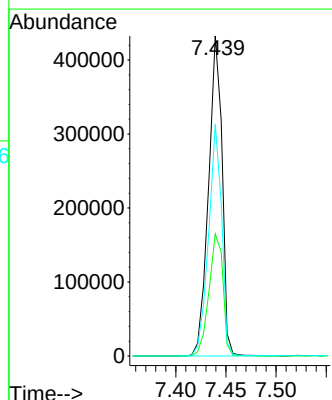
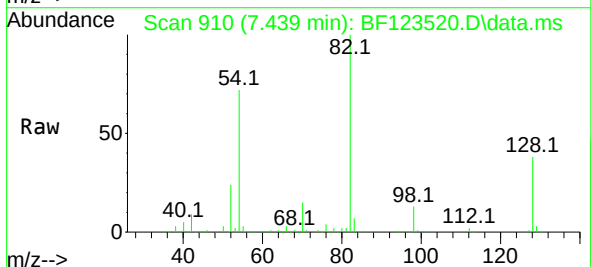


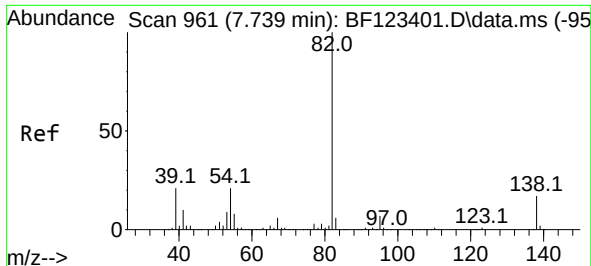
Tgt Ion:136 Resp: 539527
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.9 5.5 8.3#
68 4.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 40.73 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF123520.D
Acq: 30 Mar 2021 14:27

Tgt Ion: 82 Resp: 407196
Ion Ratio Lower Upper
82 100
128 38.2 37.0 55.4
54 72.3 38.4 57.6#

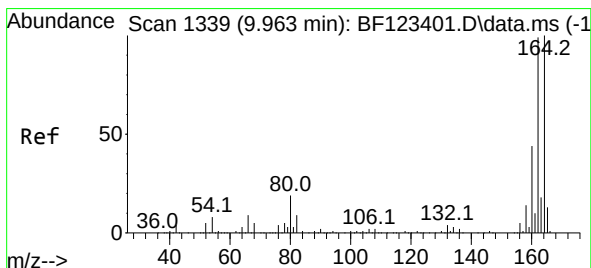
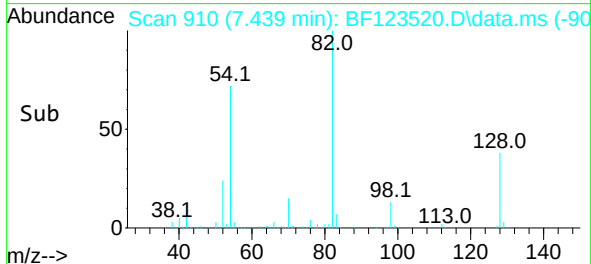
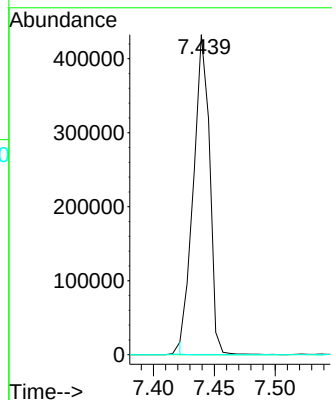
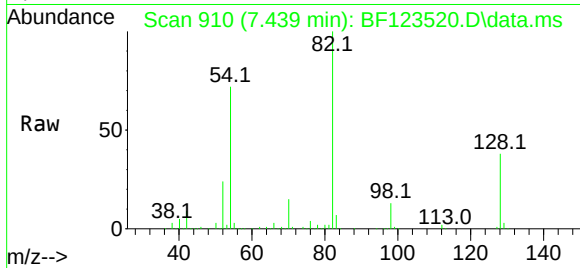




#25
Isophorone
Concen: 18.64 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.277 min
Lab File: BF123520.D
Acq: 30 Mar 2021 14:27

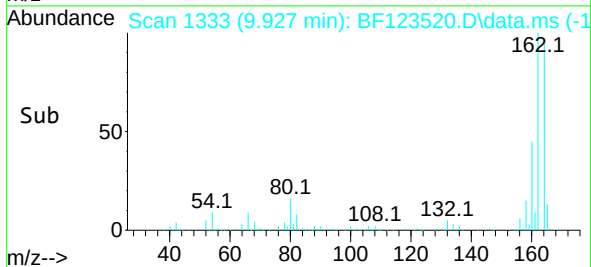
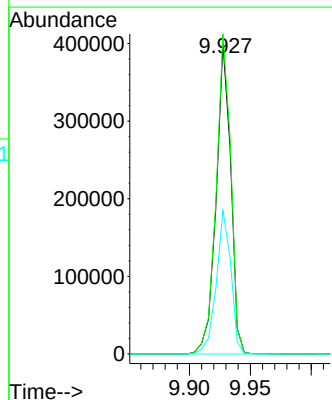
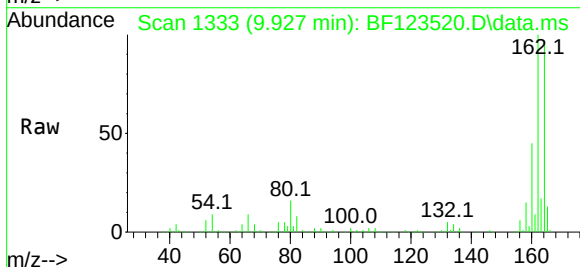
Instrument :
BNA_F
ClientSampleId :
IG005

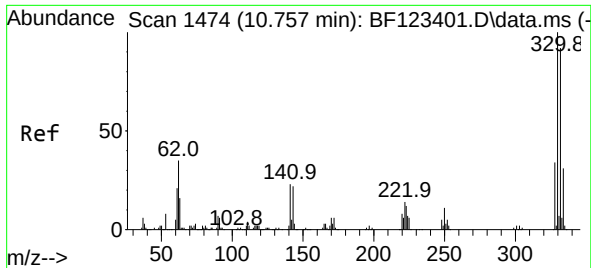
Tgt Ion: 82 Resp: 400645
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF123520.D
Acq: 30 Mar 2021 14:27

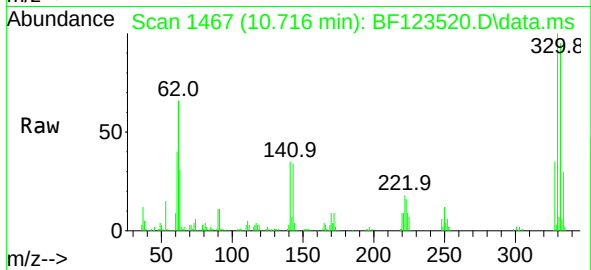
Tgt Ion: 164 Resp: 335373
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 46.2 35.4 53.0



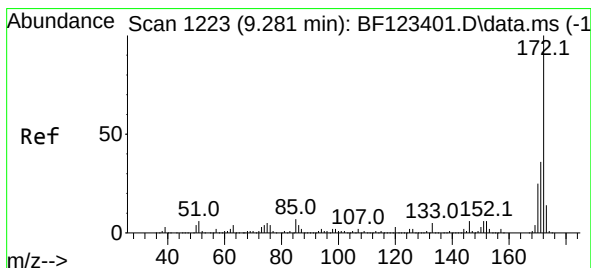
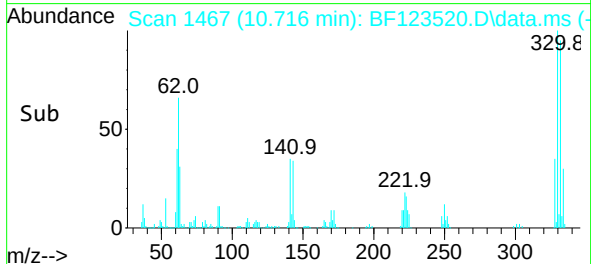
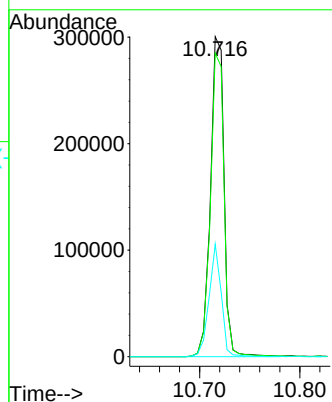


#42
2,4,6-Tribromophenol
Concen: 75.76 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF123520.D
Acq: 30 Mar 2021 14:27

Instrument :
BNA_F
ClientSampleId :
IG005

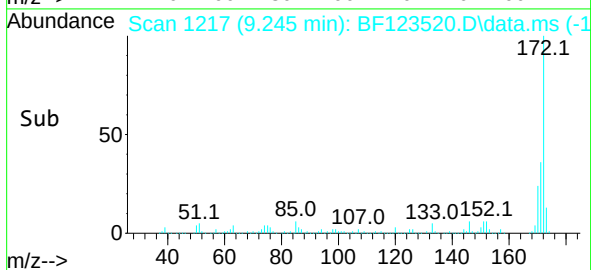
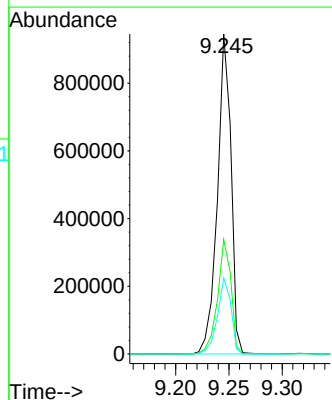
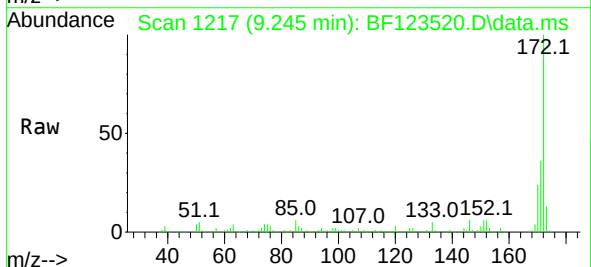


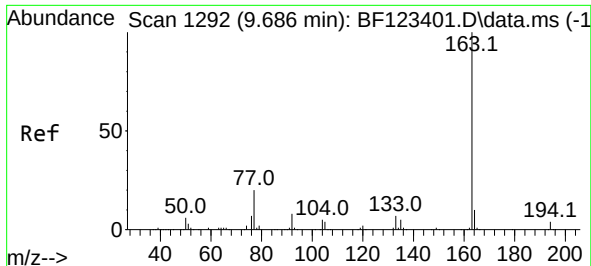
Tgt Ion: 330 Resp: 284060
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 31.7 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 35.62 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF123520.D
Acq: 30 Mar 2021 14:27

Tgt Ion: 172 Resp: 836116
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.7 19.5 29.3

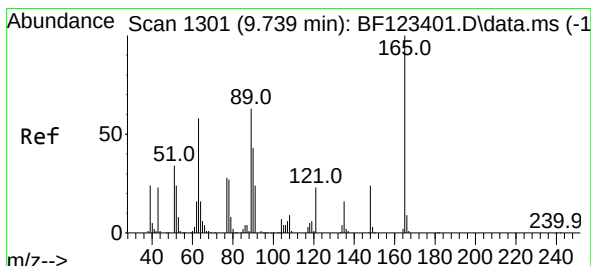
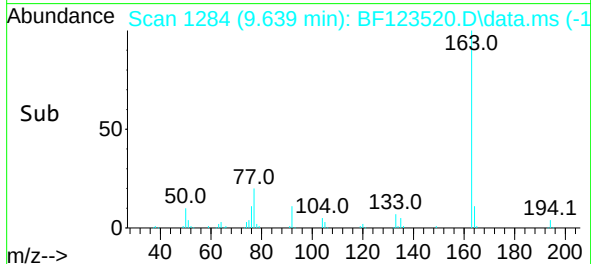
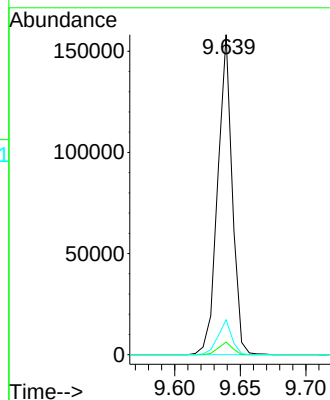
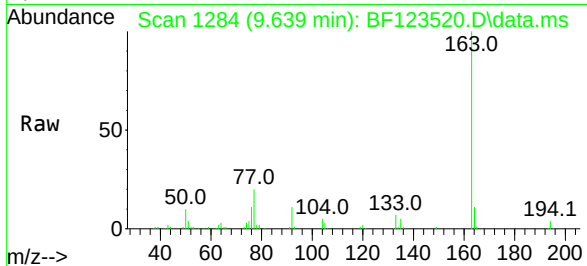




#50
Dimethylphthalate
Concen: 5.09 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF123520.D
Acq: 30 Mar 2021 14:27

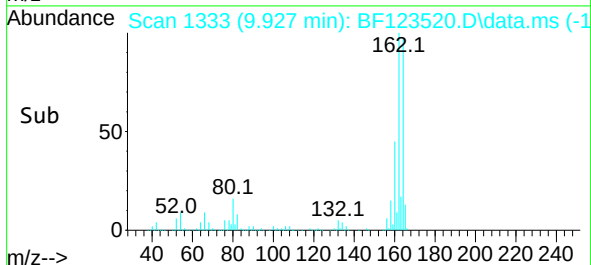
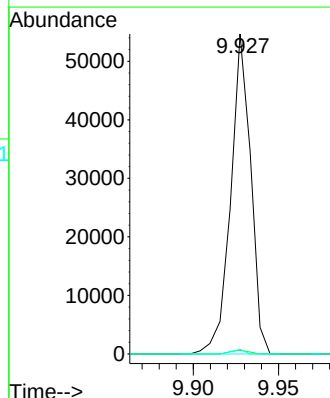
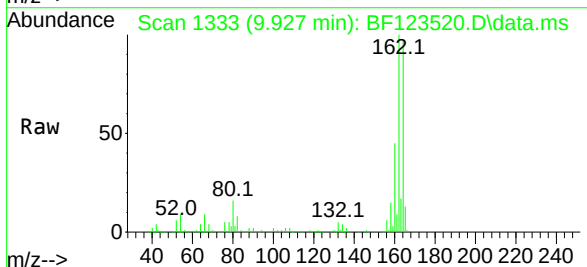
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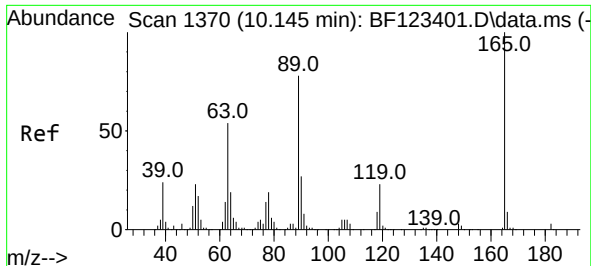
Tgt Ion:163 Resp: 121251
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.9 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 8.98 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF123520.D
Acq: 30 Mar 2021 14:27

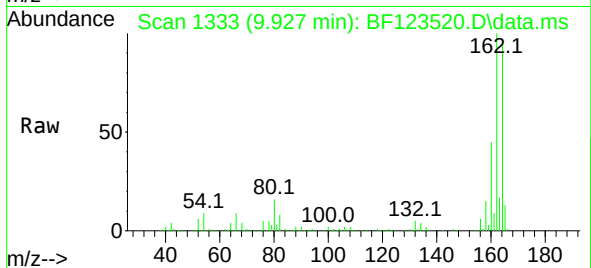
Tgt Ion:165 Resp: 44661
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.5 39.4 59.0#



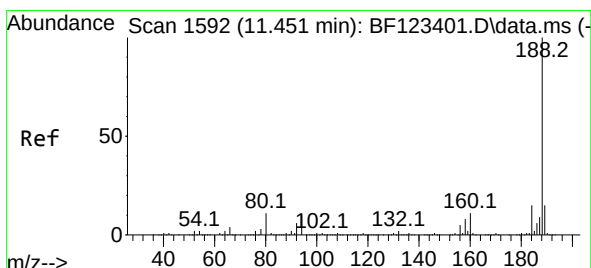
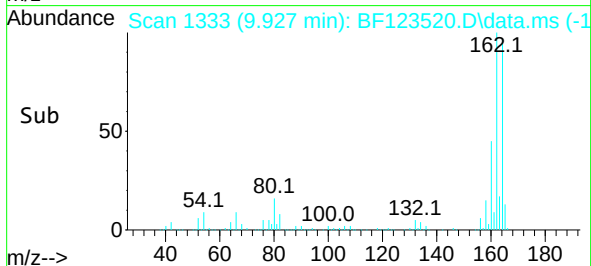
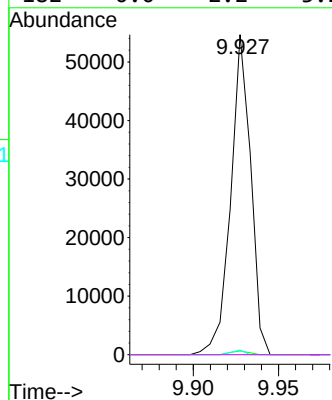


#57
2,4-Dinitrotoluene
Concen: 7.19 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF123520.D
Acq: 30 Mar 2021 14:27

Instrument :
BNA_F
ClientSampleId :
IG005

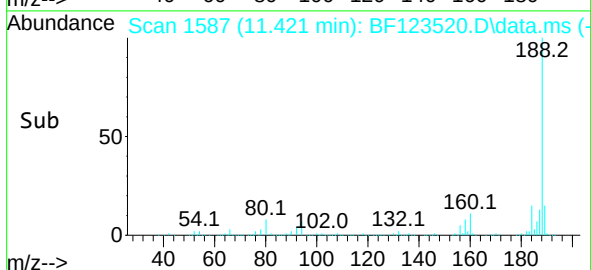
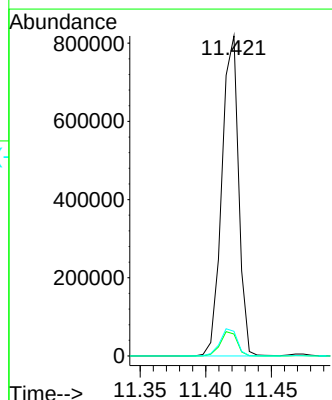
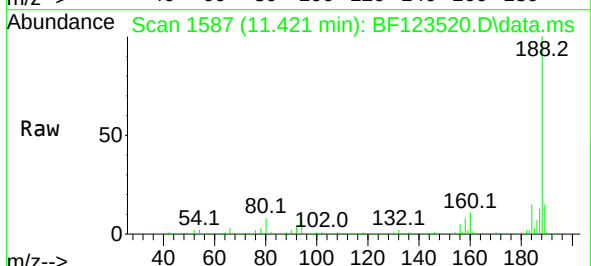


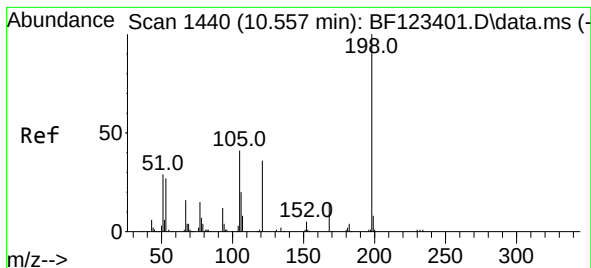
Tgt Ion:165 Resp: 44661
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF123520.D
Acq: 30 Mar 2021 14:27

Tgt Ion:188 Resp: 726658
Ion Ratio Lower Upper
188 100
94 6.8 7.4 11.2#
80 7.7 8.2 12.4#

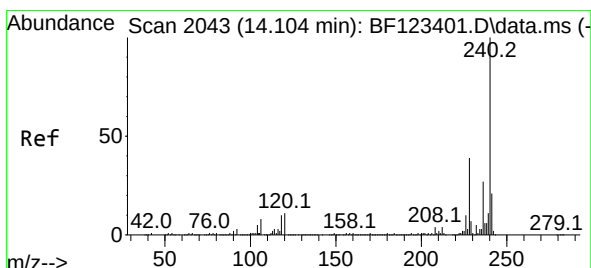
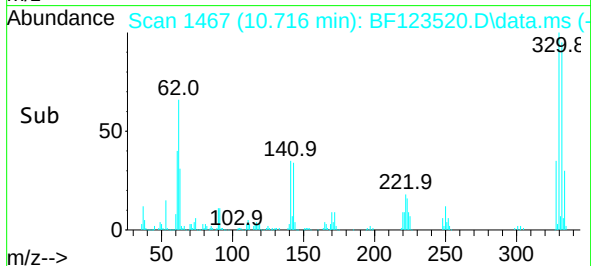
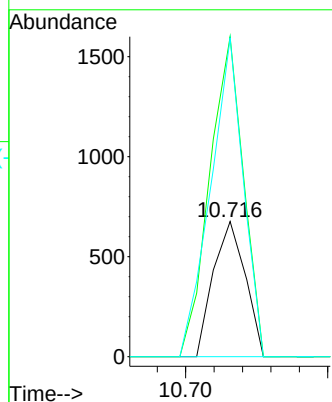
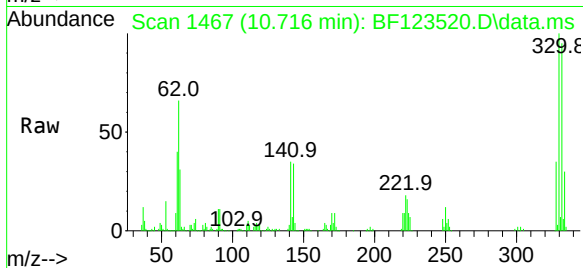




#65
4,6-Dinitro-2-methylphenol
Concen: 5.24 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.182 min
Lab File: BF123520.D
Acq: 30 Mar 2021 14:27

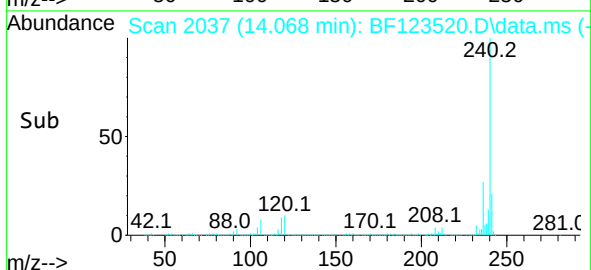
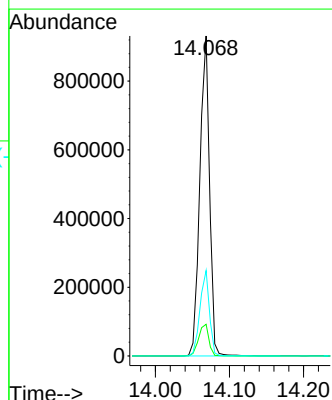
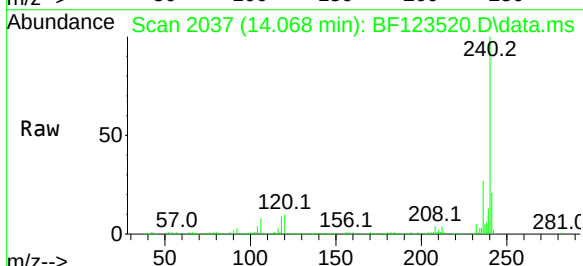
Instrument :
BNA_F
ClientSampled :
IG005

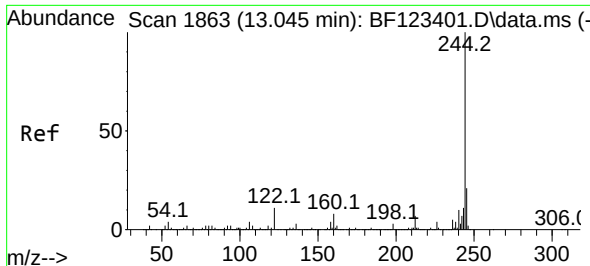
Tgt Ion:198 Resp: 528
Ion Ratio Lower Upper
198 100
51 236.7 20.3 60.3#
105 235.8 23.0 63.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123520.D
Acq: 30 Mar 2021 14:27

Tgt Ion:240 Resp: 844584
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 26.7 20.3 30.5

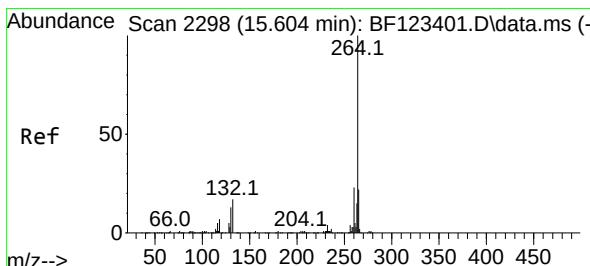
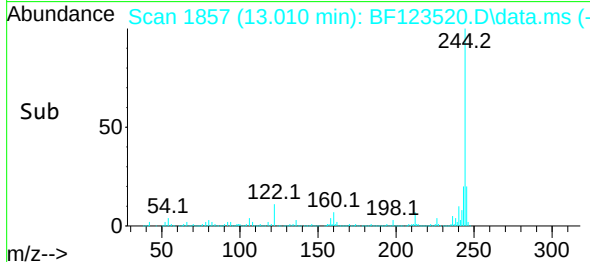
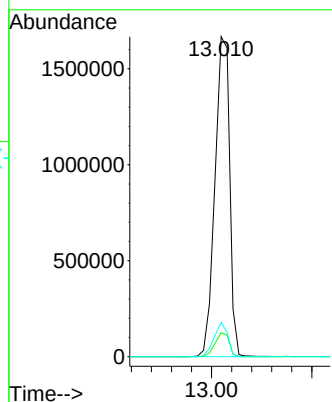
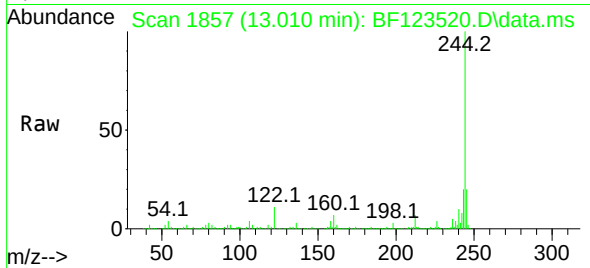




#79
Terphenyl-d14
Concen: 34.10 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF123520.D
Acq: 30 Mar 2021 14:27

Instrument :
BNA_F
ClientSampleId :
IG005

Tgt Ion:244 Resp: 1699470
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.7 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: BF123520.D
Acq: 30 Mar 2021 14:27

Tgt Ion:264 Resp: 576682
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.5 17.0 25.6

