

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
 Data File : BF123528.D
 Acq On : 30 Mar 2021 18:46
 Operator : JU/CG
 Sample : M1832-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IG005

Quant Time: Mar 31 04:09:33 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)

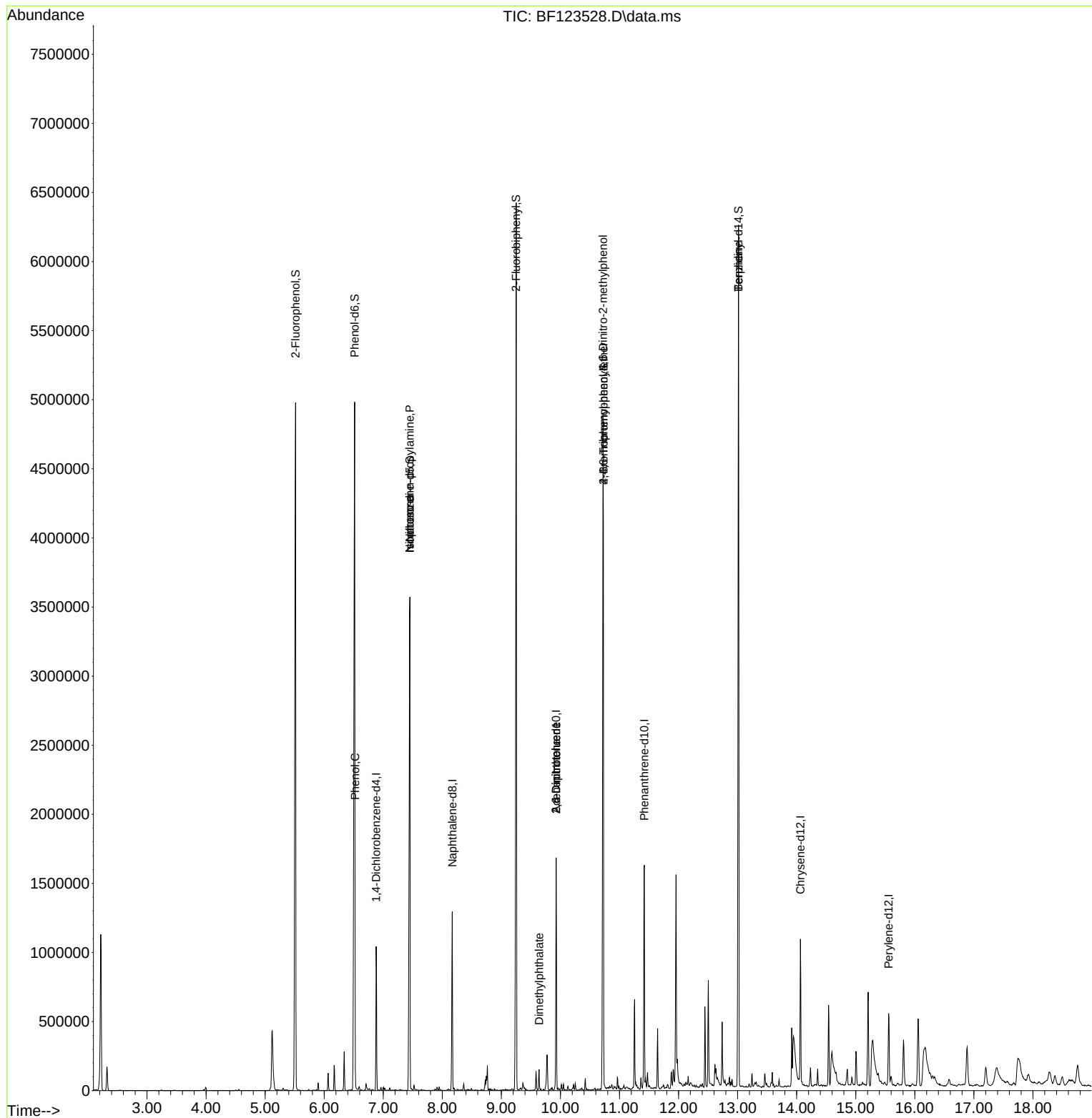
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	139358	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	514980	20.00	ng	# 0.00
39) Acenaphthene-d10	9.927	164	319592	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	602476	20.00	ng	# 0.00
76) Chrysene-d12	14.063	240	352305	20.00	ng	#-0.01
86) Perylene-d12	15.557	264	259108	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1405646	165.01	ng	0.01
7) Phenol-d6	6.516	99	1766564	155.79	ng	0.00
23) Nitrobenzene-d5	7.451	82	1280783	134.23	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	665671	186.31	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1986421	88.80	ng	0.00
79) Terphenyl-d14	13.016	244	2172666	104.52	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	644	Below Cal	#	81
10) Phenol	6.522	94	32419	2.79 ng	#	24
19) n-Nitroso-di-n-propyla...	7.451	70	181235	24.71 ng	#	82
25) Isophorone	7.451	82	1265092	61.67 ng	#	65
50) Dimethylphthalate	9.639	163	47829	2.11 ng		98
51) 2,6-Dinitrotoluene	9.927	165	39767	8.39 ng	#	31
57) 2,4-Dinitrotoluene	9.927	165	39767	6.72 ng	#	25
65) 4,6-Dinitro-2-methylph...	10.722	198	1358	5.50 ng	#	1
67) 4-Bromophenyl-phenylether	10.727	248	38812	5.44 ng	#	1
77) Benzidine	13.016	184	28856	2.75 ng		96

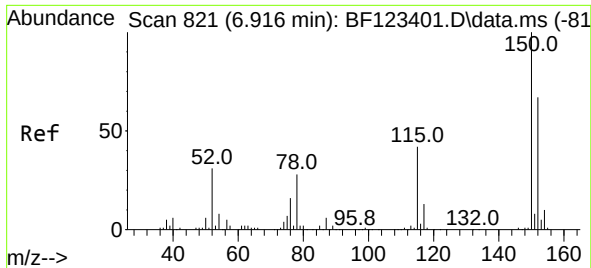
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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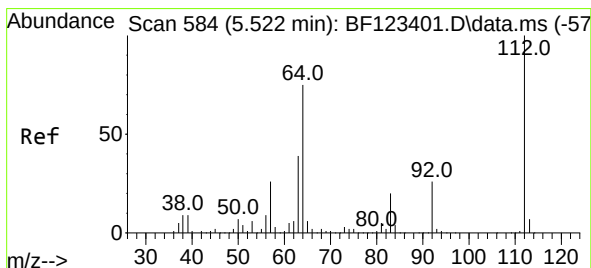
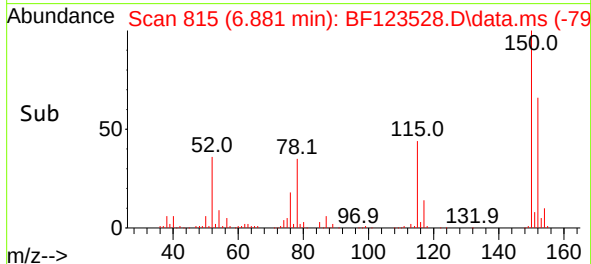
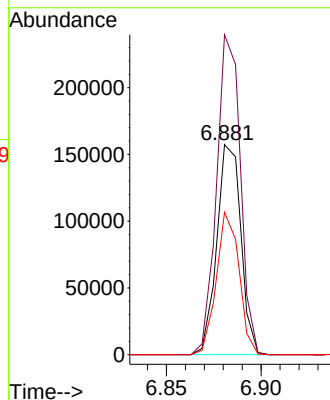
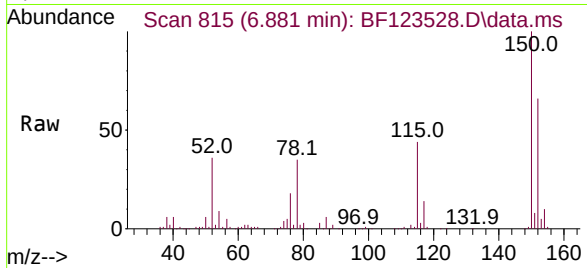




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

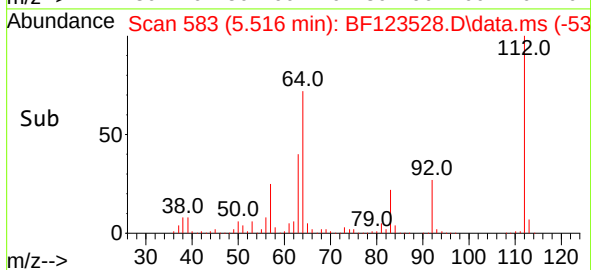
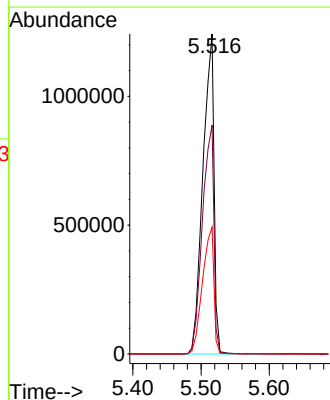
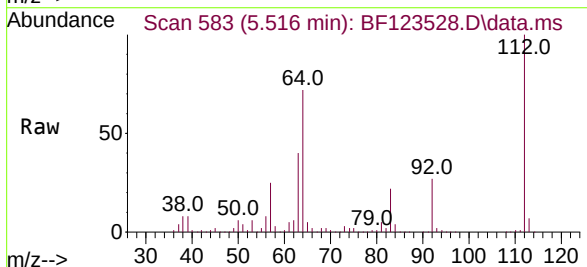
Instrument :
BNA_F
ClientSampleId :
IG005

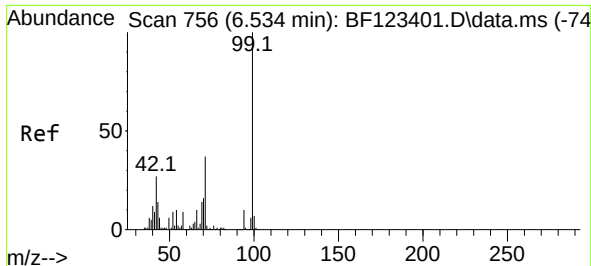
Tgt Ion:152 Resp: 139358
Ion Ratio Lower Upper
152 100
150 152.4 125.8 188.6
115 67.8 49.3 73.9



#5
2-Fluorophenol
Concen: 165.01 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

Tgt Ion:112 Resp: 1405646
Ion Ratio Lower Upper
112 100
64 71.5 46.9 70.3#
63 39.6 24.5 36.7#

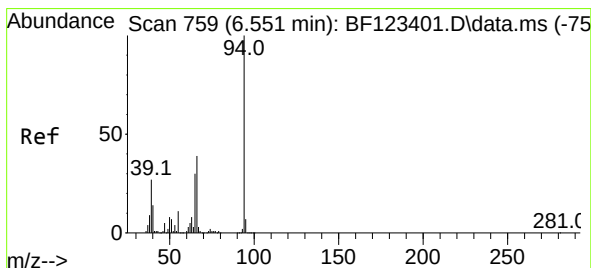
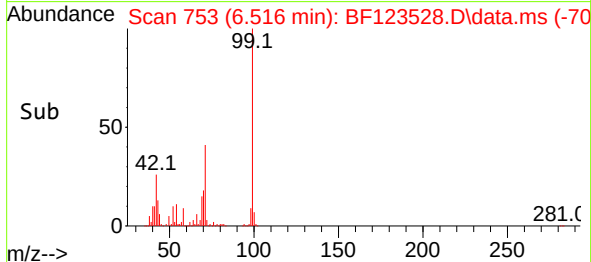
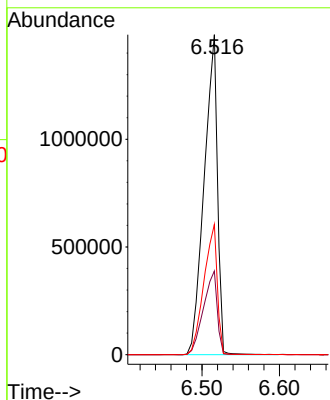
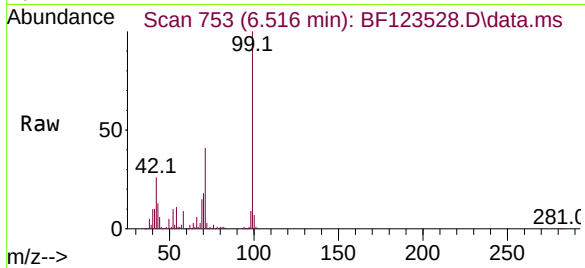




#7
Phenol-d6
Concen: 155.79 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

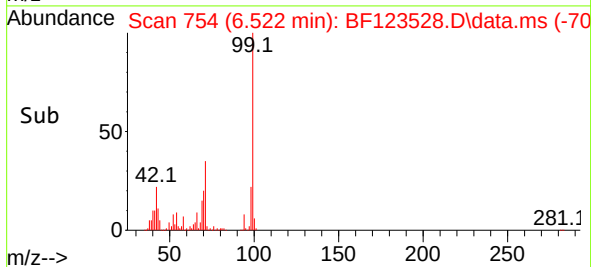
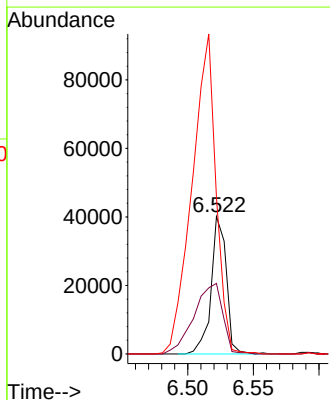
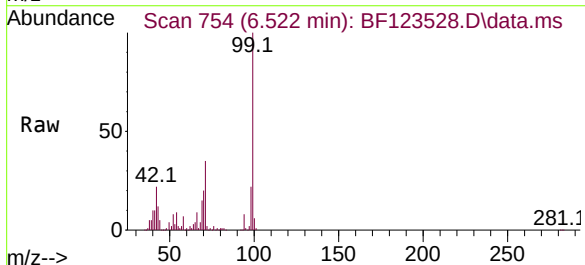
Instrument :
BNA_F
ClientSampleId :
IG005

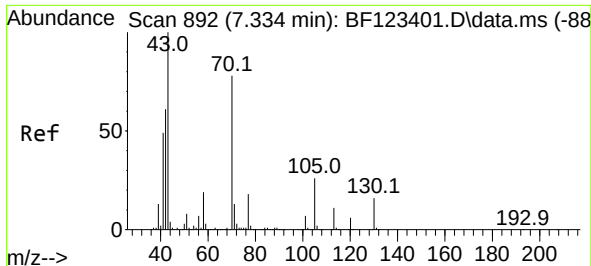
Tgt Ion: 99 Resp: 1766564
Ion Ratio Lower Upper
99 100
42 26.2 13.8 20.6#
71 40.7 26.9 40.3#



#10
Phenol
Concen: 2.79 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

Tgt Ion: 94 Resp: 32419
Ion Ratio Lower Upper
94 100
65 51.3 11.2 51.2#
66 114.1 25.8 65.8#

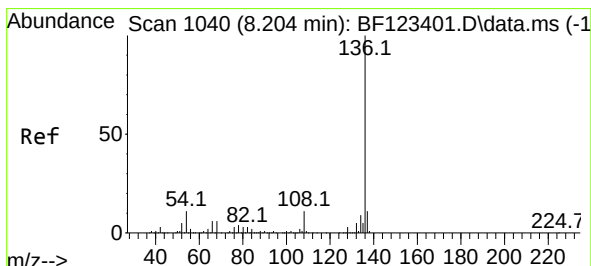
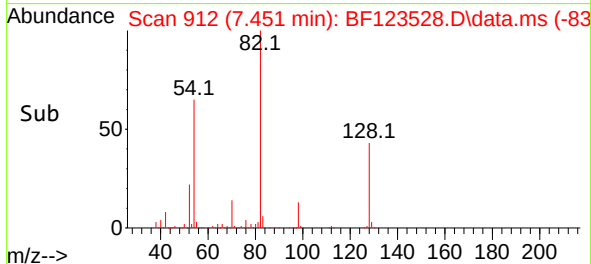
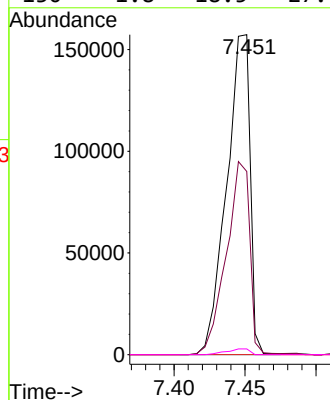
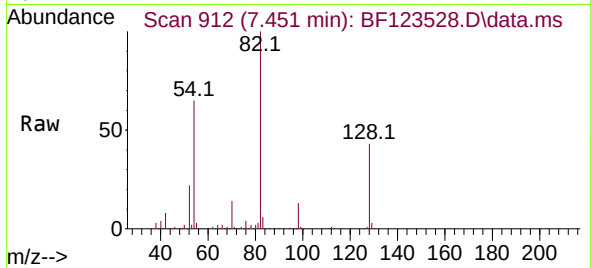




#19
n-Nitroso-di-n-propylamine
Concen: 24.71 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

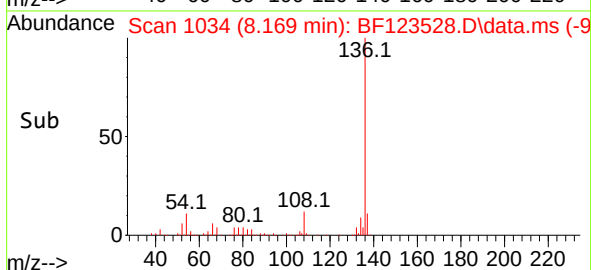
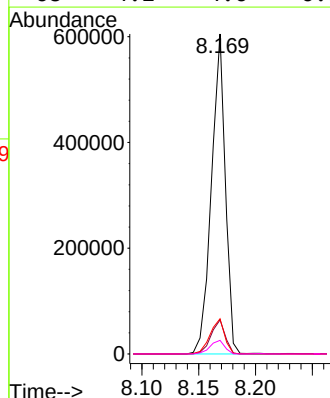
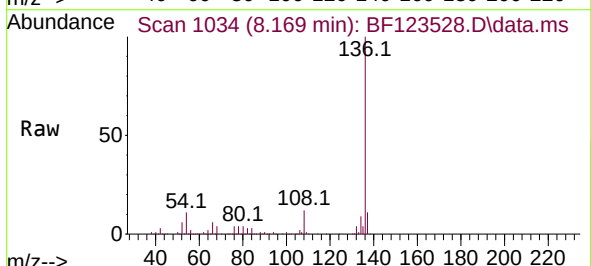
Instrument :
BNA_F
ClientSampleId :
IG005

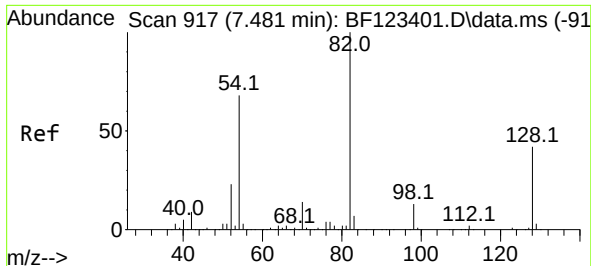
Tgt Ion: 70 Resp: 181235
Ion Ratio Lower Upper
70 100
42 57.3 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

Tgt Ion:136 Resp: 514980
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 11.0 5.5 8.3#
68 4.2 4.6 6.8#

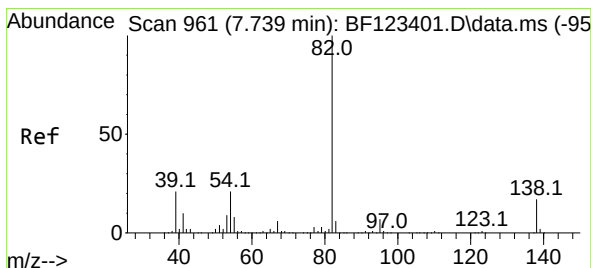
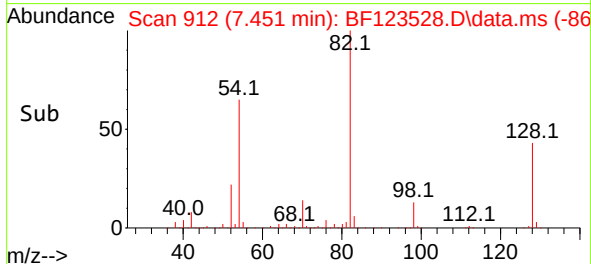
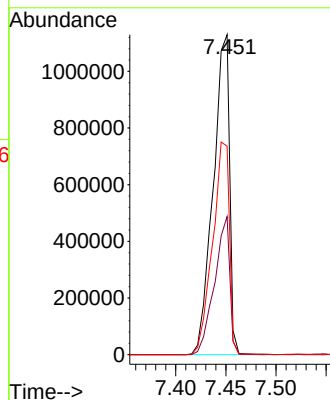
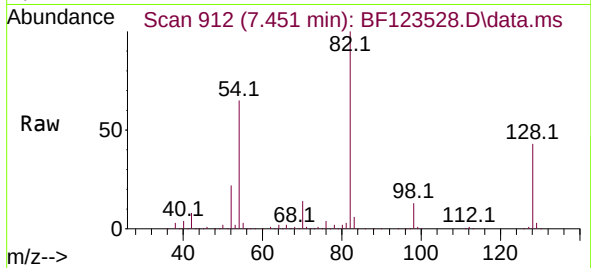




#23
Nitrobenzene-d5
Concen: 134.23 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

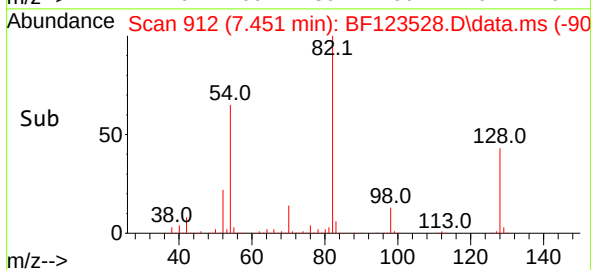
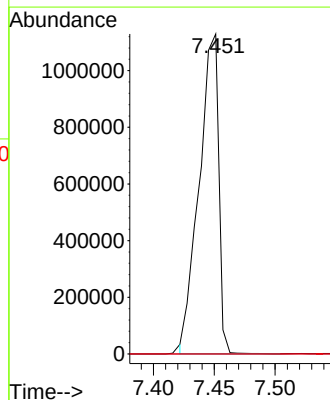
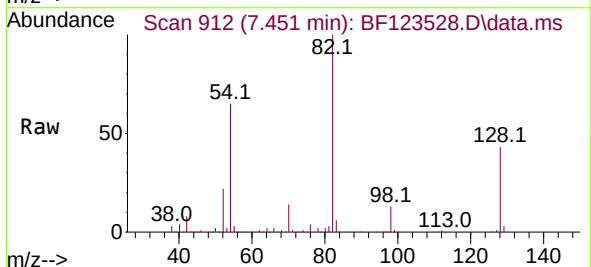
Instrument :
BNA_F
ClientSampleId :
IG005

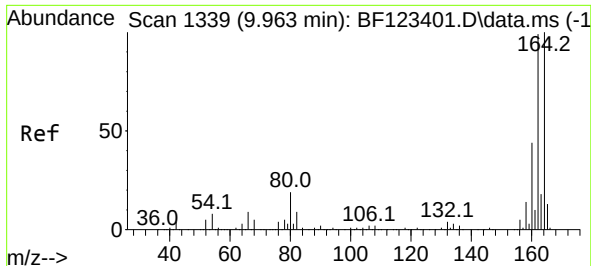
Tgt Ion: 82 Resp: 1280783
Ion Ratio Lower Upper
82 100
128 43.1 37.0 55.4
54 65.1 38.4 57.6#



#25
Isophorone
Concen: 61.67 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

Tgt Ion: 82 Resp: 1265092
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

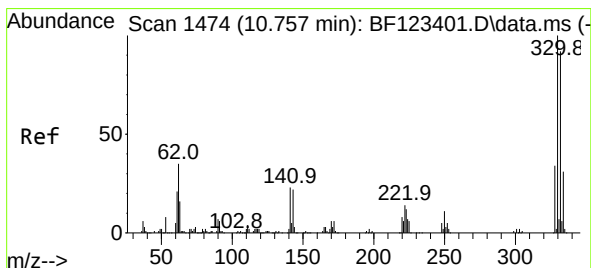
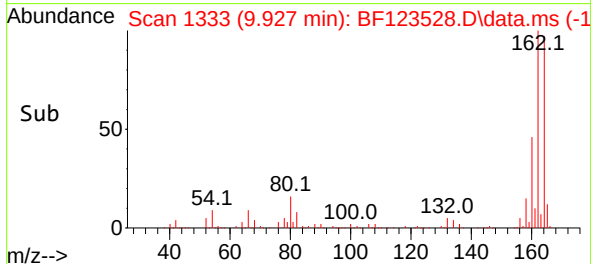
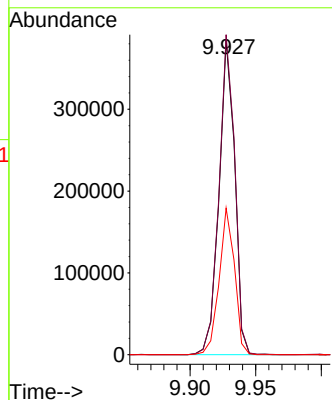
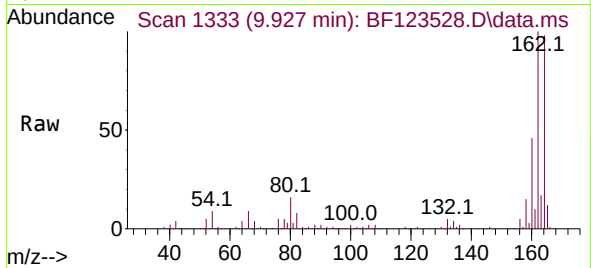




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

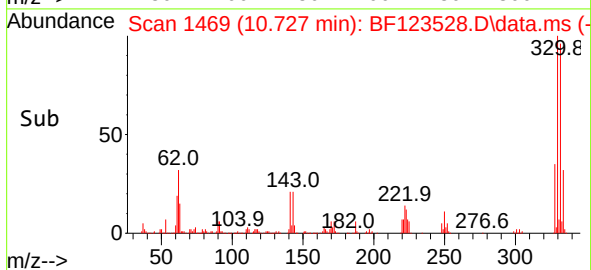
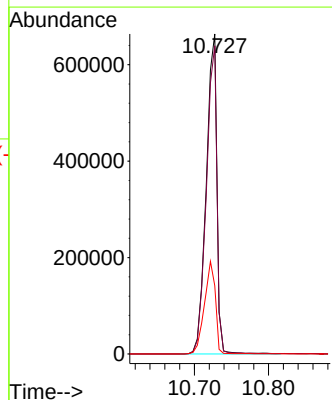
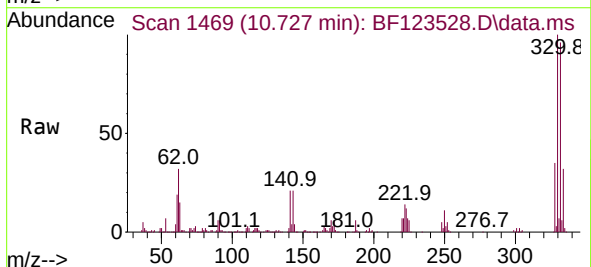
Instrument :
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ClientSampleId :
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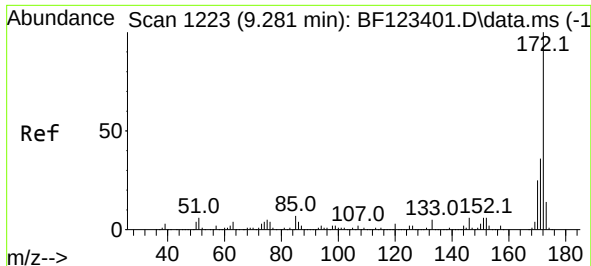
Tgt Ion:164 Resp: 319592
Ion Ratio Lower Upper
164 100
162 101.8 80.8 121.2
160 46.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 186.31 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

Tgt Ion:330 Resp: 665671
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 29.9 23.8 35.8

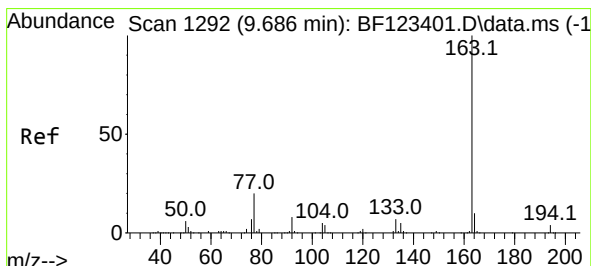
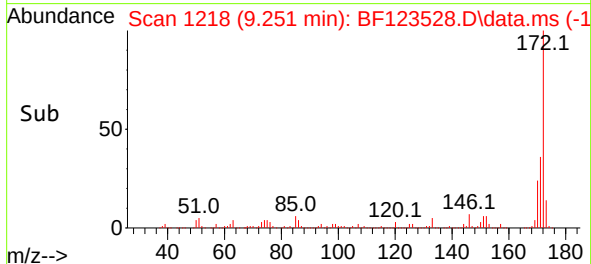
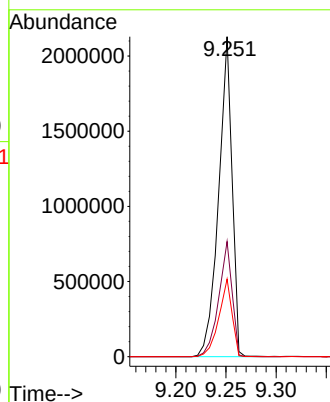
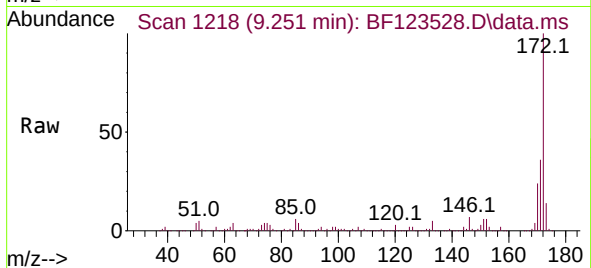




#45
2-Fluorobiphenyl
Concen: 88.80 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

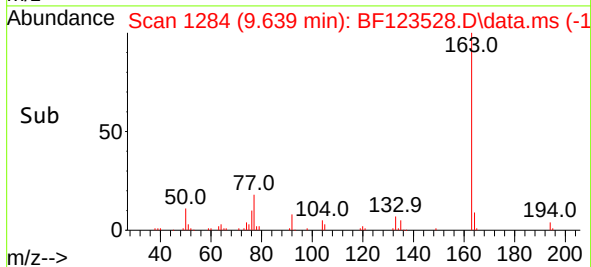
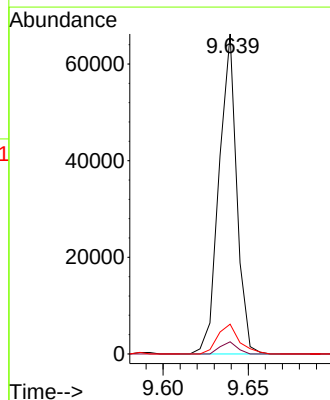
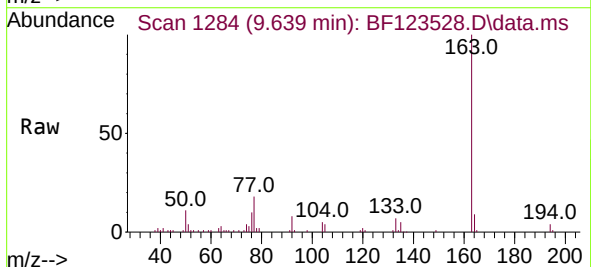
Instrument :
BNA_F
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IG005

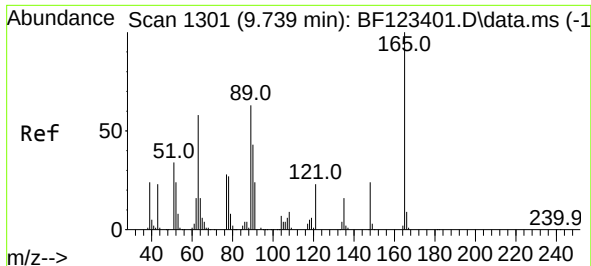
Tgt Ion:172 Resp: 1986421
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.3 19.5 29.3



#50
Dimethylphthalate
Concen: 2.11 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

Tgt Ion:163 Resp: 47829
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 9.3 8.1 12.1

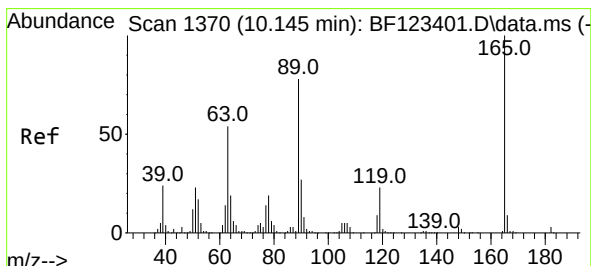
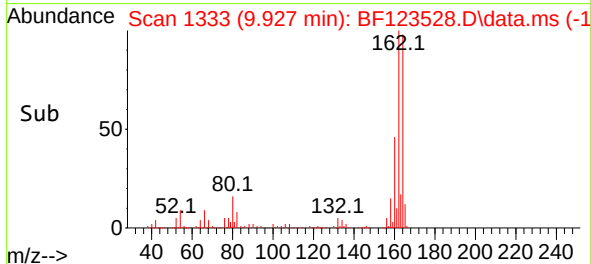
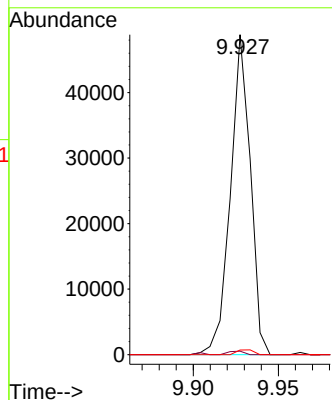
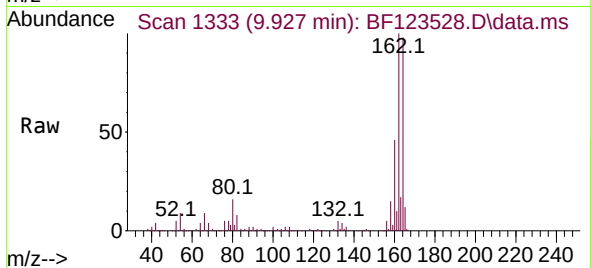




#51
2,6-Dinitrotoluene
Concen: 8.39 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

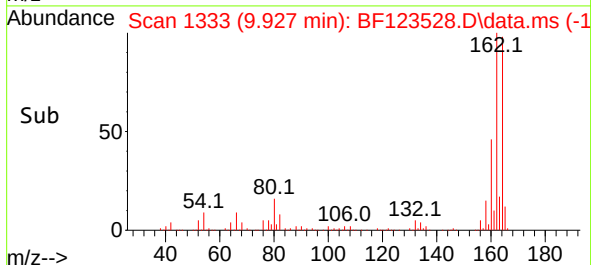
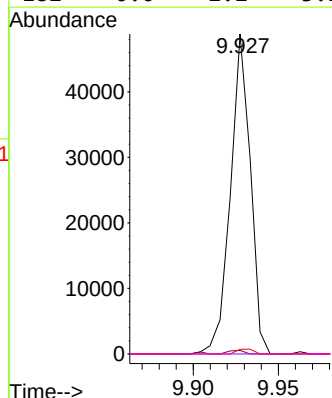
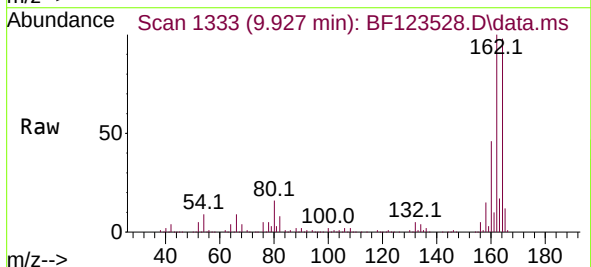
Instrument :
BNA_F
ClientSampleId :
IG005

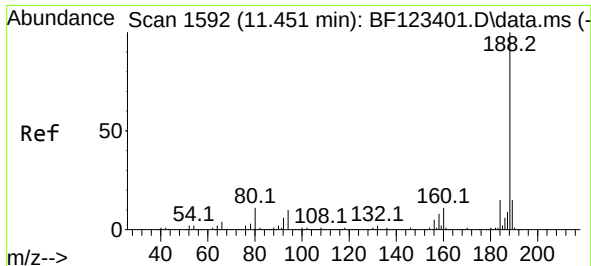
Tgt Ion:165 Resp: 39767
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.72 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

Tgt Ion:165 Resp: 39767
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

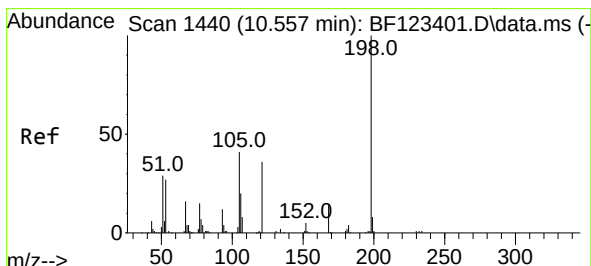
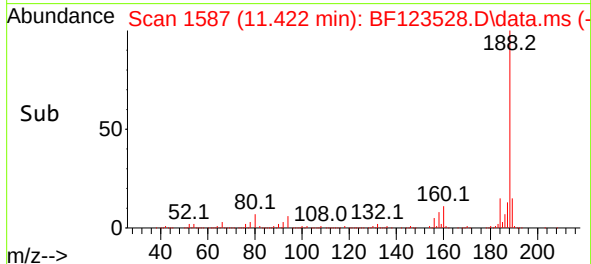
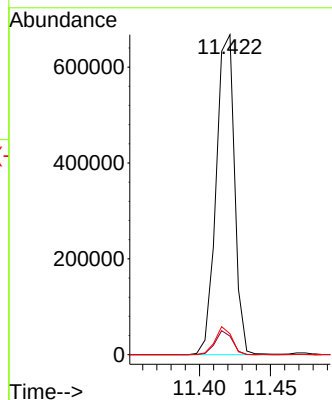
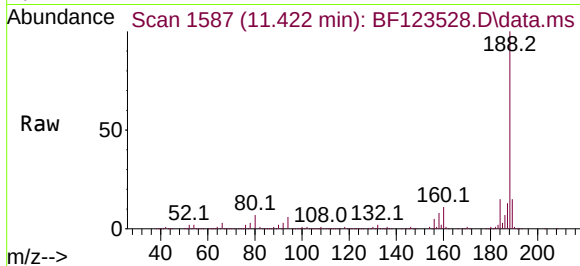




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

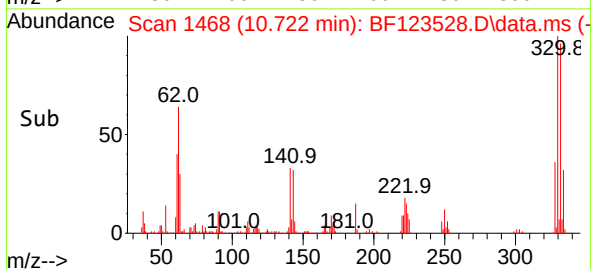
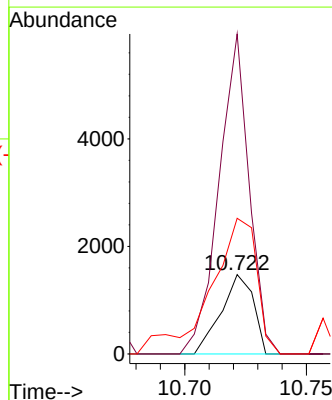
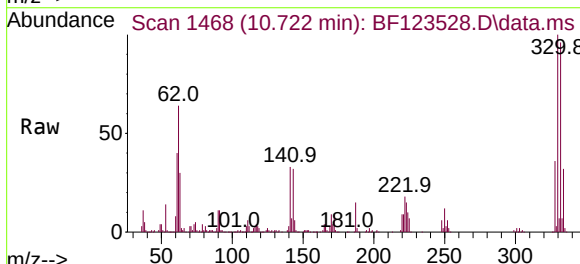
Instrument :
BNA_F
ClientSampleId :
IG005

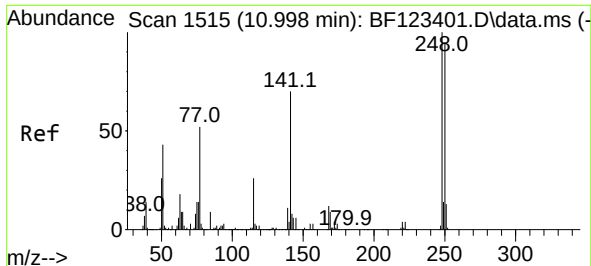
Tgt Ion:188 Resp: 602476
Ion Ratio Lower Upper
188 100
94 5.8 7.4 11.2#
80 6.5 8.2 12.4#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.50 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.188 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

Tgt Ion:198 Resp: 1358
Ion Ratio Lower Upper
198 100
51 402.9 20.3 60.3#
105 170.8 23.0 63.0#

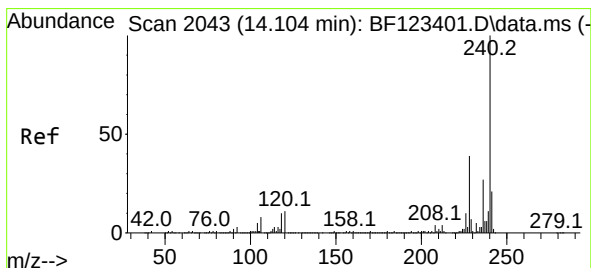
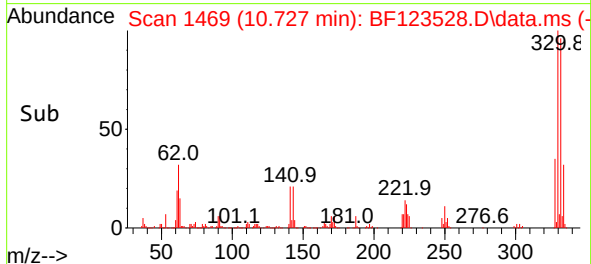
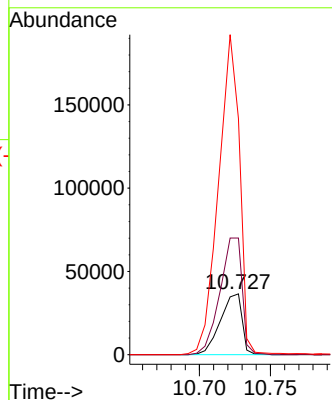
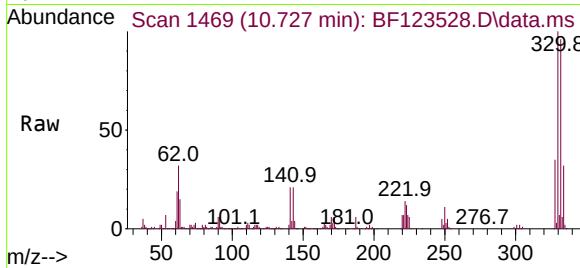




#67
4-Bromophenyl-phenylether
Concen: 5.44 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

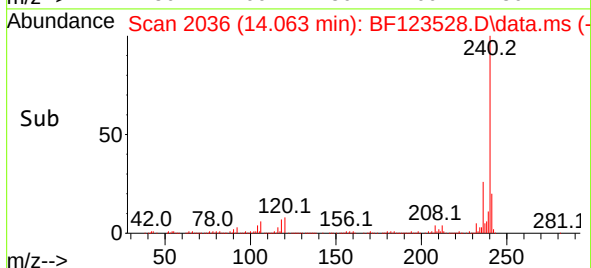
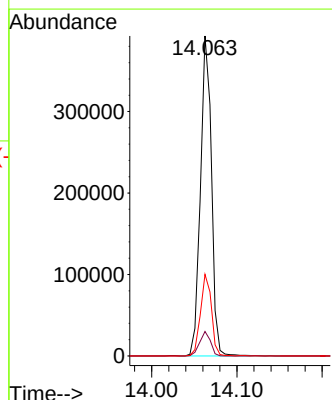
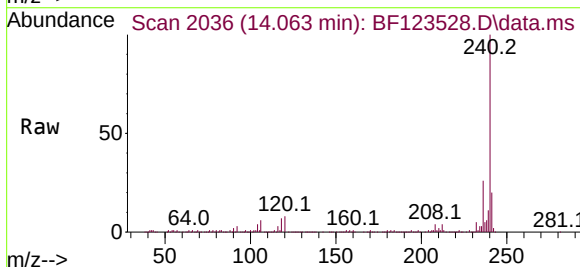
Instrument :
BNA_F
ClientSampleId :
IG005

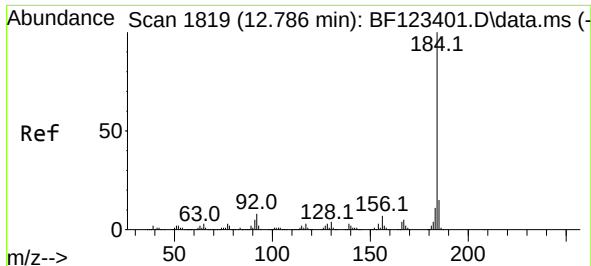
Tgt Ion:248 Resp: 38812
Ion Ratio Lower Upper
248 100
250 192.2 76.8 115.2#
141 388.9 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

Tgt Ion:240 Resp: 352305
Ion Ratio Lower Upper
240 100
120 7.7 8.6 12.8#
236 25.5 20.3 30.5

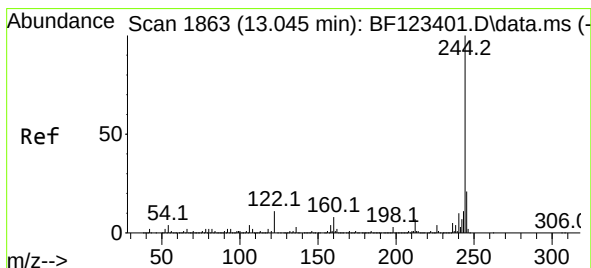
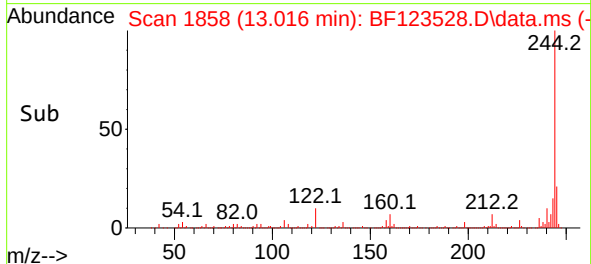
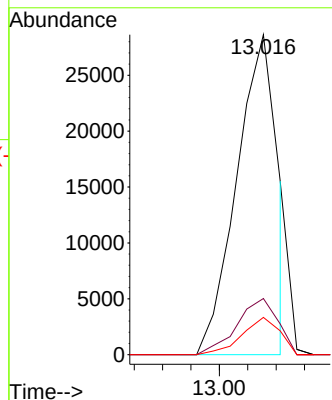
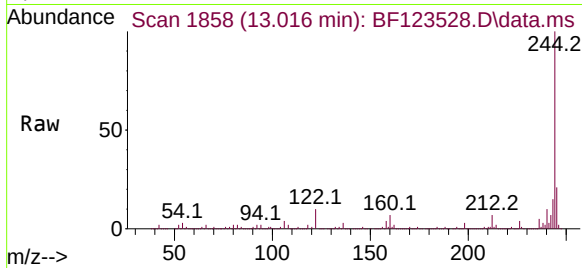




#77
Benzidine
Concen: 2.75 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.259 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

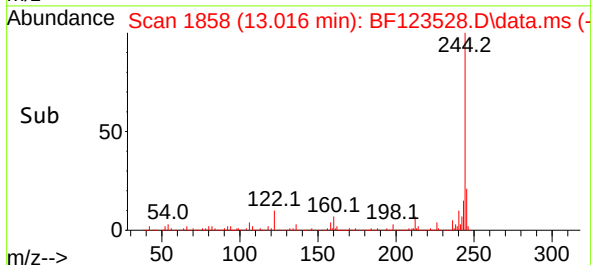
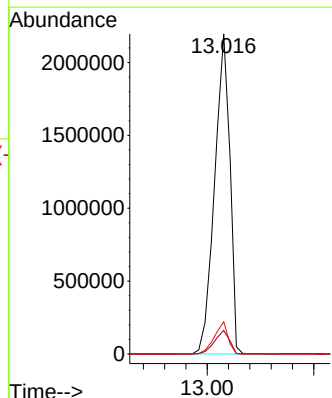
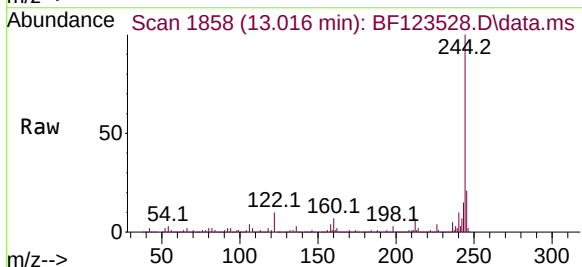
Instrument :
BNA_F
ClientSampleId :
IG005

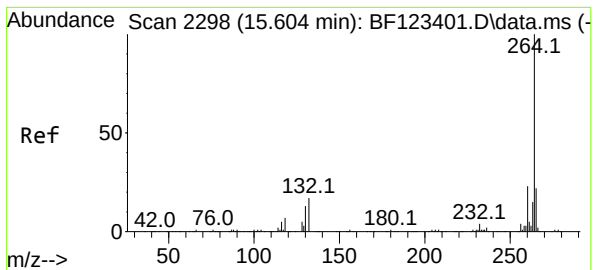
Tgt Ion:184 Resp: 28856
Ion Ratio Lower Upper
184 100
185 17.6 11.8 17.6
183 11.7 9.7 14.5



#79
Terphenyl-d14
Concen: 104.52 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF123528.D
Acq: 30 Mar 2021 18:46

Tgt Ion:244 Resp: 2172666
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.0 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.012 min
 Lab File: BF123528.D
 Acq: 30 Mar 2021 18:46

Instrument :
 BNA_F
 ClientSampleId :
 IG005

Tgt Ion:264 Resp: 259108

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.3	17.0	25.6

