

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
 Data File : BF123530.D
 Acq On : 30 Mar 2021 19:52
 Operator : JU/CG
 Sample : M1832-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IG002

Quant Time: Mar 31 04:09:55 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

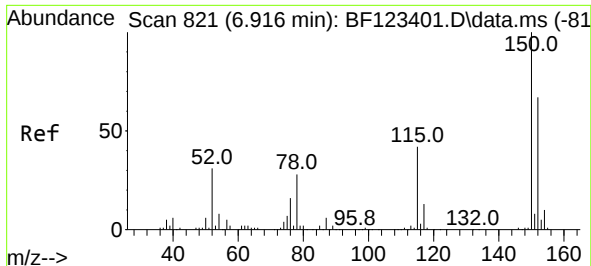
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	143840	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	541519	20.00	ng	# 0.00
39) Acenaphthene-d10	9.928	164	347494	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	653259	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	367338	20.00	ng	# 0.00
86) Perylene-d12	15.562	264	283443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1176849	133.85	ng	0.01
7) Phenol-d6	6.516	99	1532679	130.95	ng	0.00
23) Nitrobenzene-d5	7.445	82	1101895	109.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	681648	175.46	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1791247	73.64	ng	0.00
79) Terphenyl-d14	13.016	244	1733888	80.00	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.340	93	46220	3.23	ng	# 60
9) Benzaldehyde	6.428	77	808	Below	Cal	92
11) bis(2-Chloroethyl)ether	6.340	93	41914	4.38	ng	# 33
19) n-Nitroso-di-n-propyla...	7.445	70	156377	20.66	ng	# 78
25) Isophorone	7.445	82	1086108	50.35	ng	# 65
50) Dimethylphthalate	9.639	163	52249	2.12	ng	98
51) 2,6-Dinitrotoluene	9.928	165	43773	8.49	ng	# 31
57) 2,4-Dinitrotoluene	9.928	165	43773	6.80	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.722	198	1274	5.45	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	38825	5.02	ng	# 1
75) Fluoranthene	12.633	202	79977	2.05	ng	93
77) Benzidine	13.016	184	23842	2.18	ng	99

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

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QLast Update : Tue Mar 30 11:51:25 2021
Response via : Initial Calibration

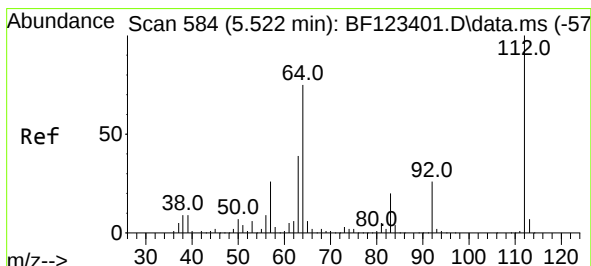
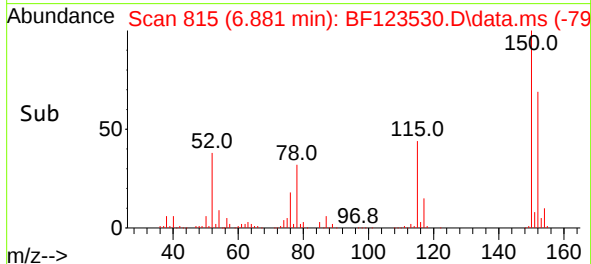
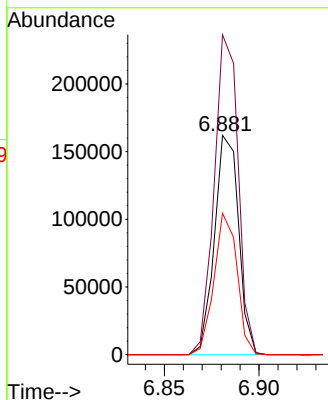
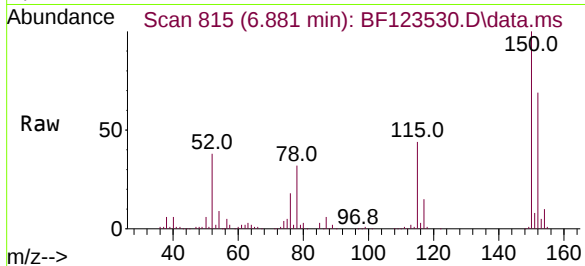




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

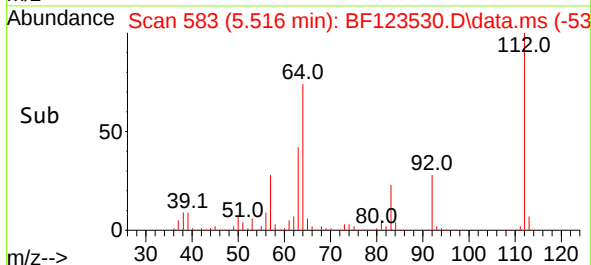
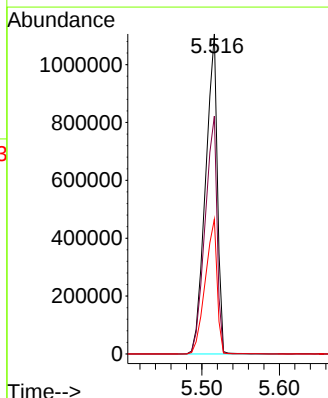
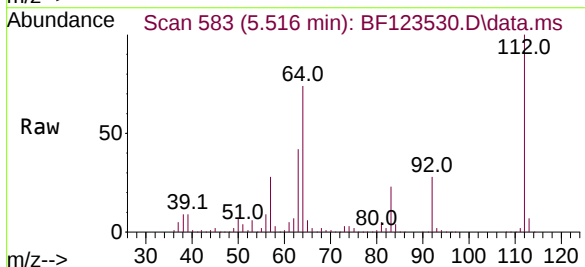
Instrument :
BNA_F
ClientSampleId :
IG002

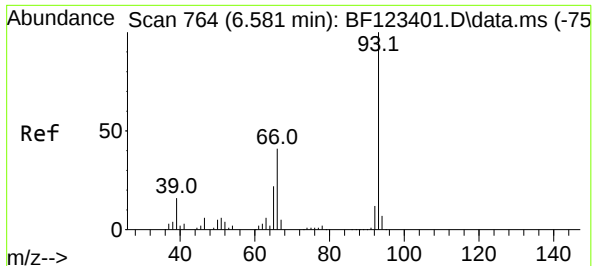
Tgt Ion:152 Resp: 143840
Ion Ratio Lower Upper
152 100
150 145.9 125.8 188.6
115 64.5 49.3 73.9



#5
2-Fluorophenol
Concen: 133.85 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

Tgt Ion:112 Resp: 1176849
Ion Ratio Lower Upper
112 100
64 74.4 46.9 70.3#
63 42.1 24.5 36.7#

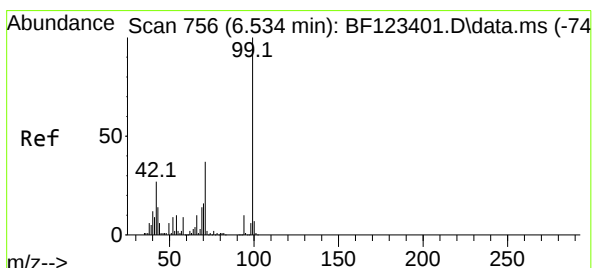
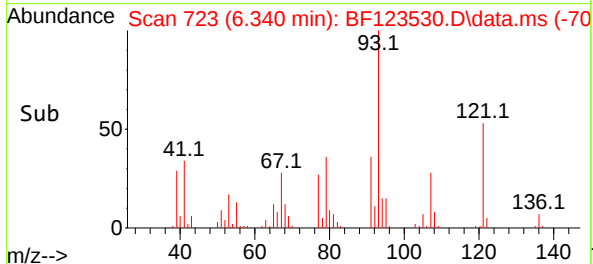
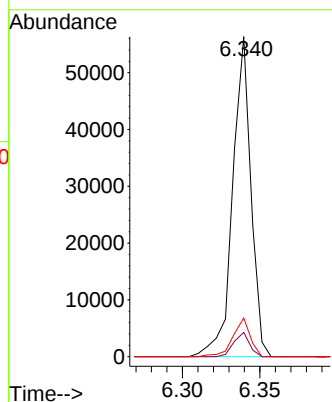
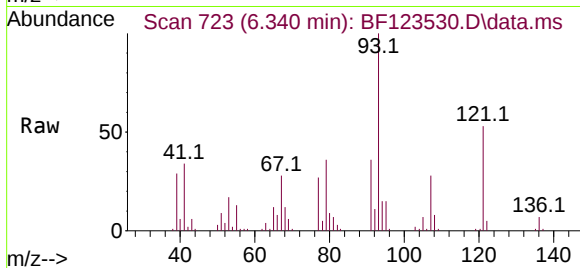




#6
Aniline
Concen: 3.23 ng
RT: 6.340 min Scan# 723
Delta R.T. -0.212 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

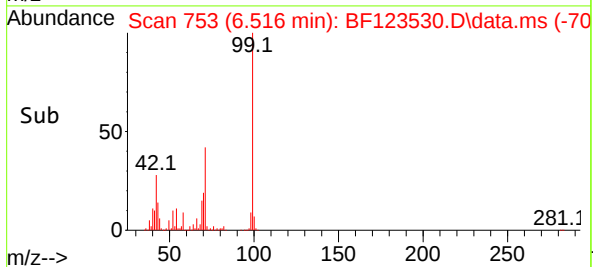
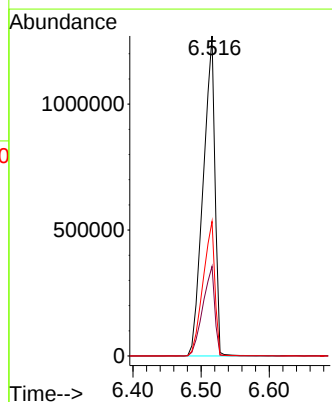
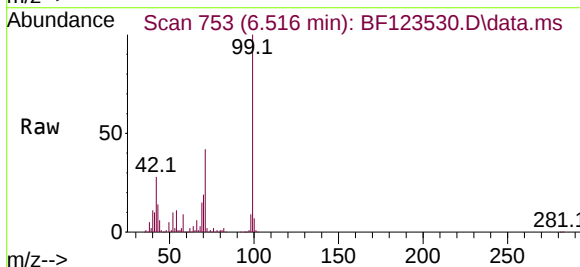
Instrument :
BNA_F
ClientSampleId :
IG002

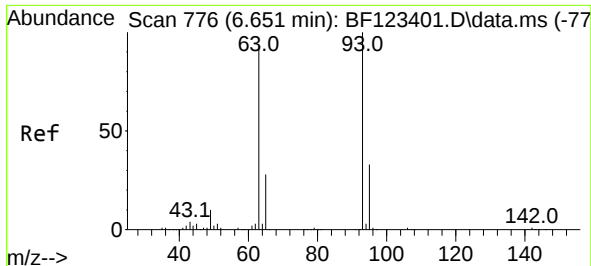
Tgt Ion: 93 Resp: 46220
Ion Ratio Lower Upper
93 100
66 7.6 31.3 46.9#
65 12.1 15.6 23.4#



#7
Phenol-d6
Concen: 130.95 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

Tgt Ion: 99 Resp: 1532679
Ion Ratio Lower Upper
99 100
42 28.0 13.8 20.6#
71 42.1 26.9 40.3#

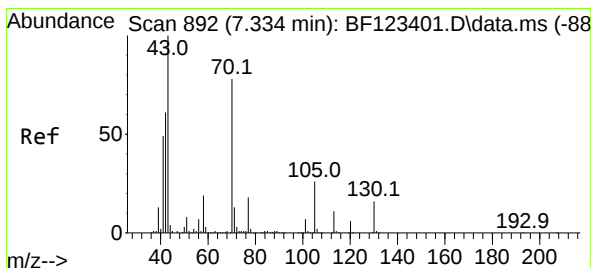
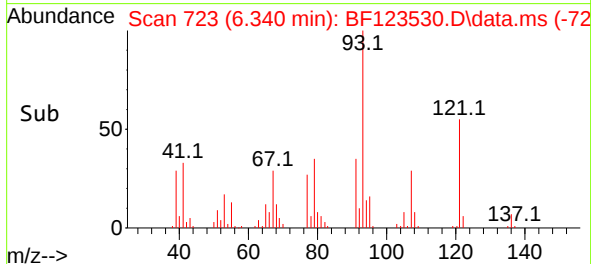
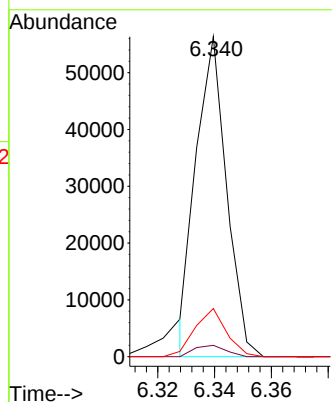
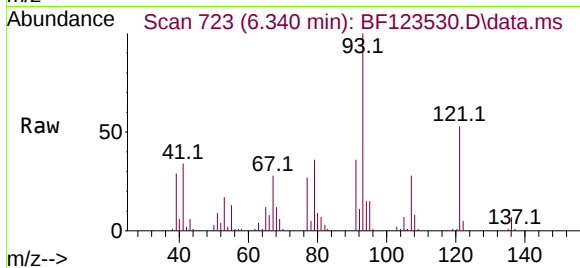




#11
bis(2-Chloroethyl)ether
Concen: 4.38 ng
RT: 6.340 min Scan# 723
Delta R.T. -0.282 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

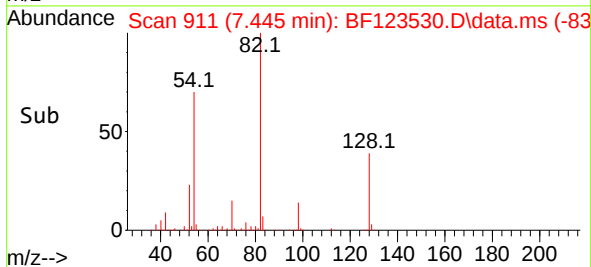
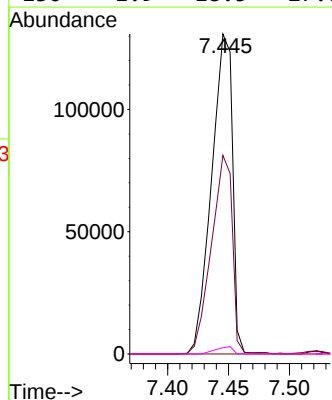
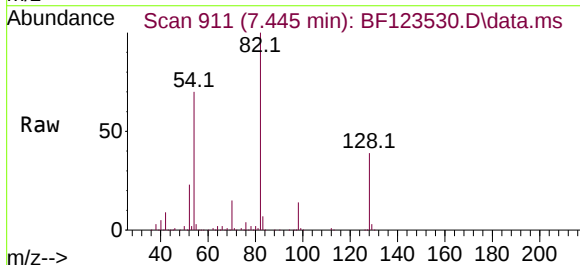
Instrument :
BNA_F
ClientSampleId :
IG002

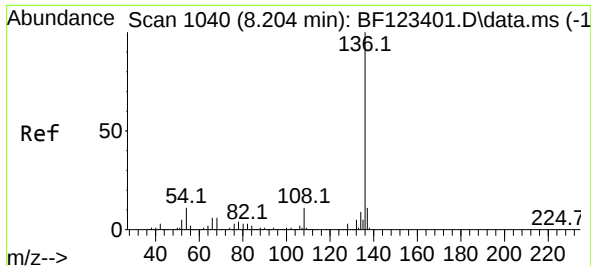
Tgt Ion: 93 Resp: 41914
Ion Ratio Lower Upper
93 100
63 3.6 52.6 92.6#
95 15.0 12.6 52.6



#19
n-Nitroso-di-n-propylamine
Concen: 20.66 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

Tgt Ion: 70 Resp: 156377
Ion Ratio Lower Upper
70 100
42 62.0 43.0 64.4
101 0.0 7.9 11.9#
130 1.9 18.5 27.7#

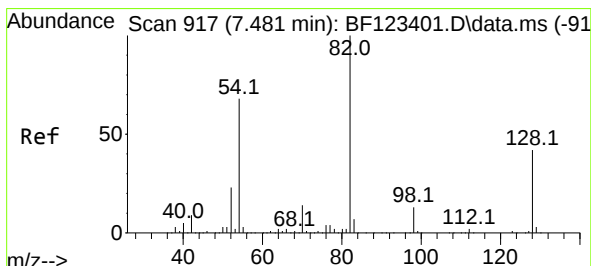
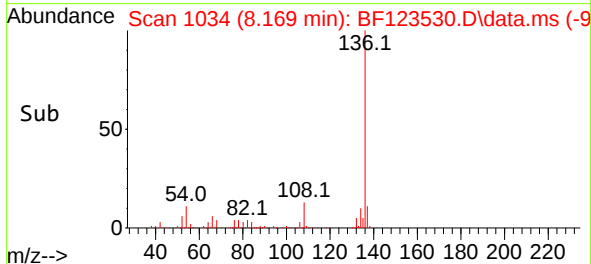
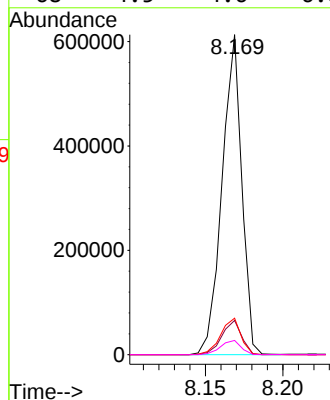
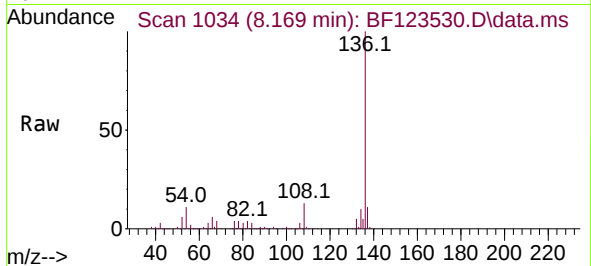




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

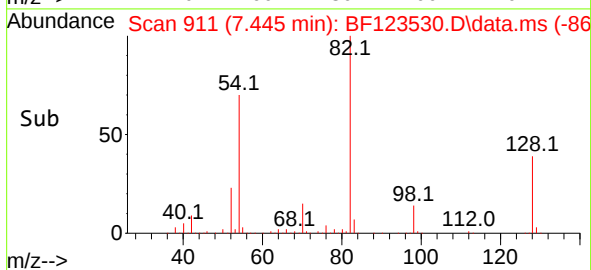
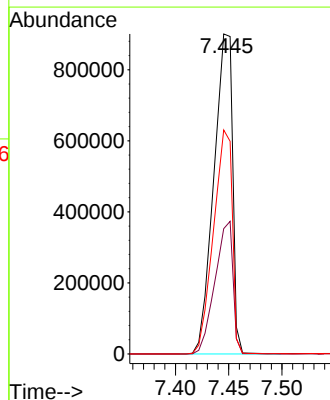
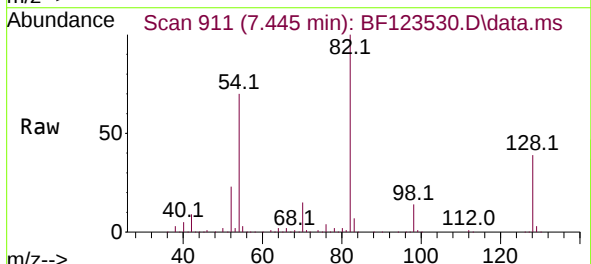
Instrument :
BNA_F
ClientSampleId :
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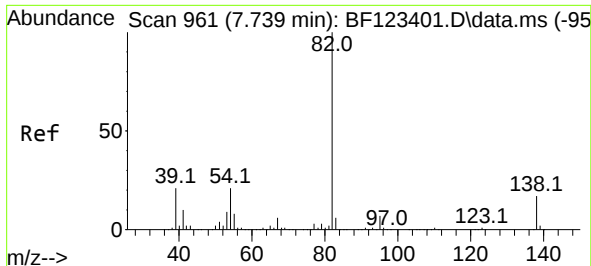
Tgt Ion:136	Resp: 541519
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 11.4	5.5 8.3#
68 4.5	4.6 6.8#



#23
Nitrobenzene-d5
Concen: 109.82 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

Tgt Ion: 82	Resp: 1101895
Ion Ratio	Lower Upper
82 100	
128 39.2	37.0 55.4
54 70.0	38.4 57.6#

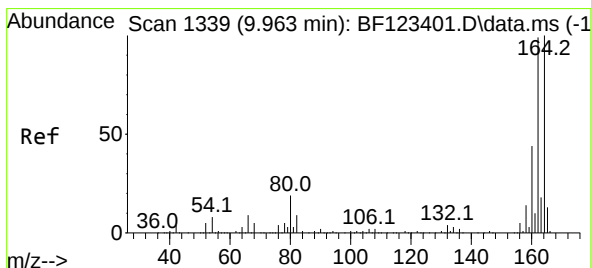
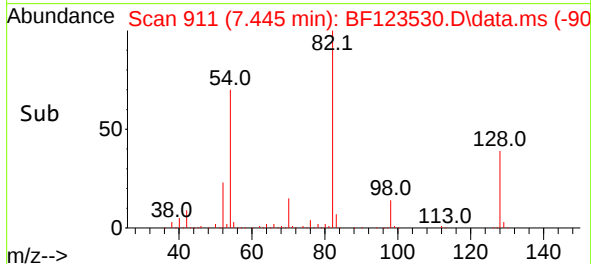
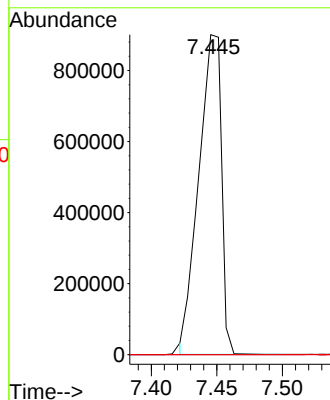
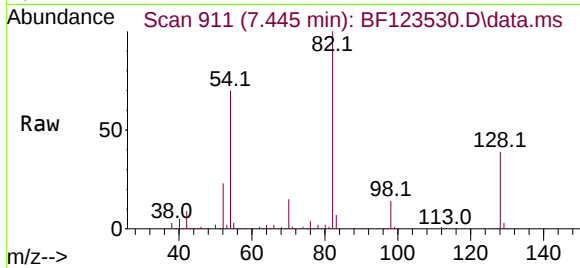




#25
Isophorone
Concen: 50.35 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

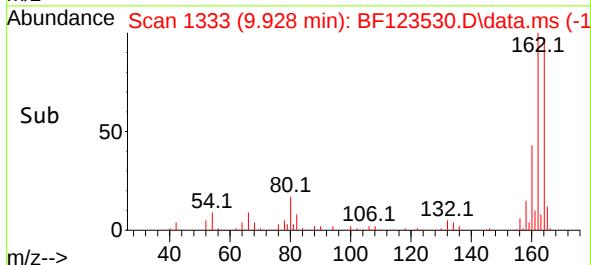
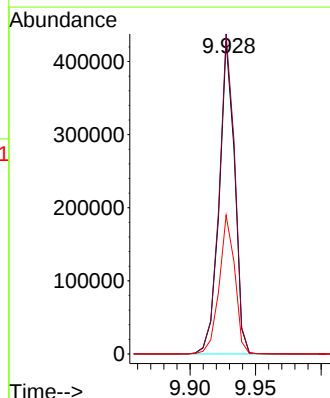
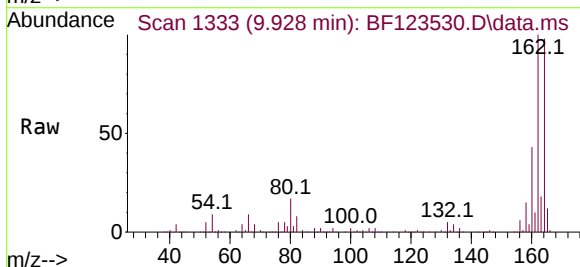
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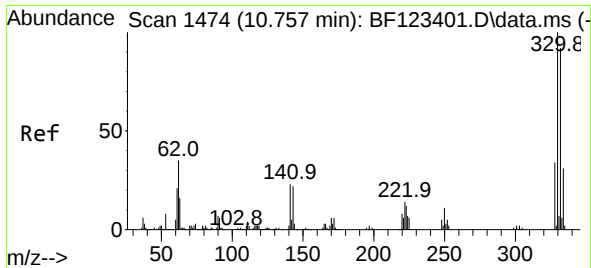
Tgt Ion: 82 Resp: 1086108
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

Tgt Ion: 164 Resp: 347494
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 44.4 35.4 53.0

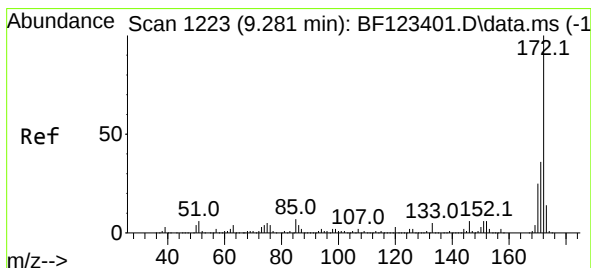
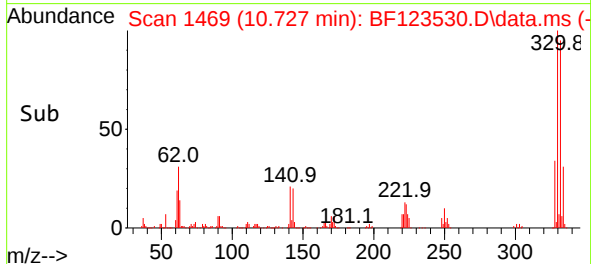
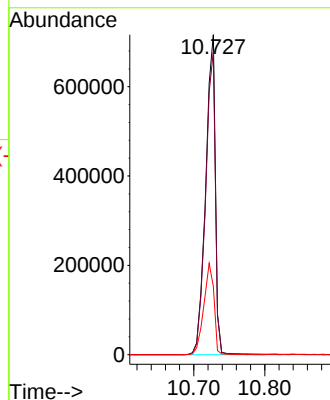
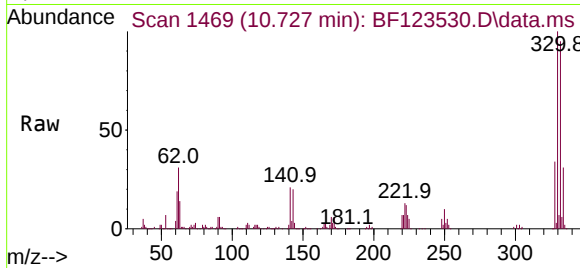




#42
2,4,6-Tribromophenol
Concen: 175.46 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

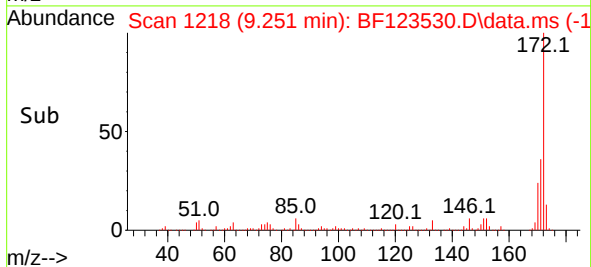
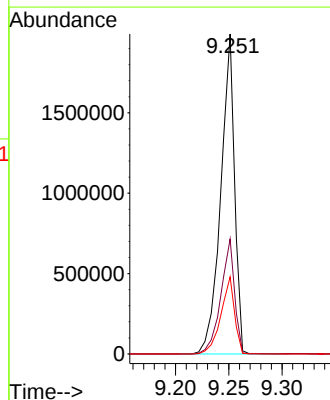
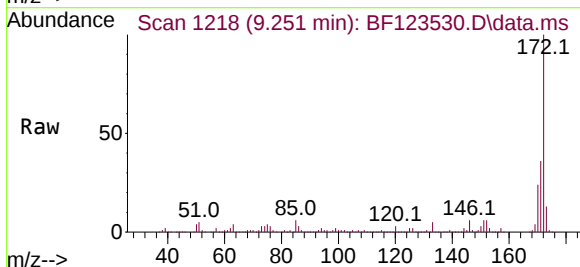
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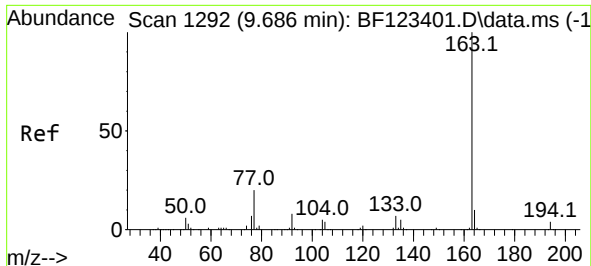
Tgt Ion:330 Resp: 681648
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 30.1 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 73.64 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

Tgt Ion:172 Resp: 1791247
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.1 19.5 29.3

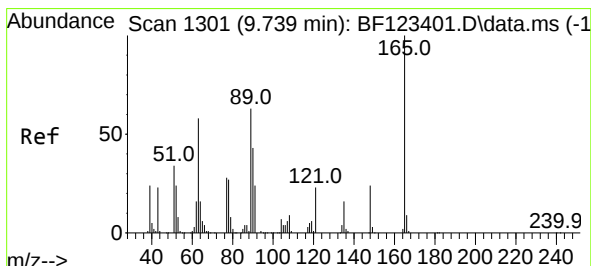
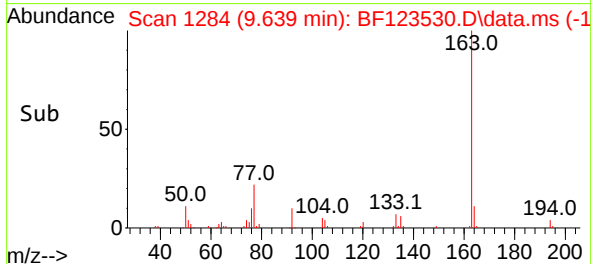
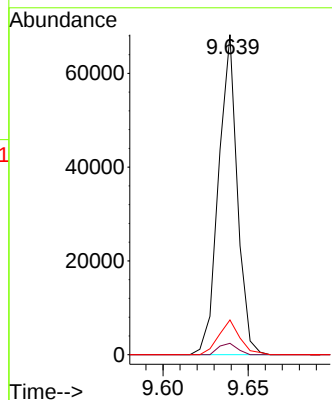
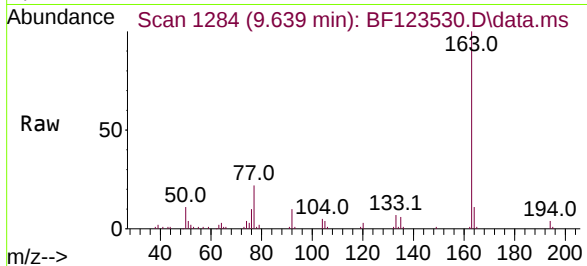




#50
Dimethylphthalate
Concen: 2.12 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

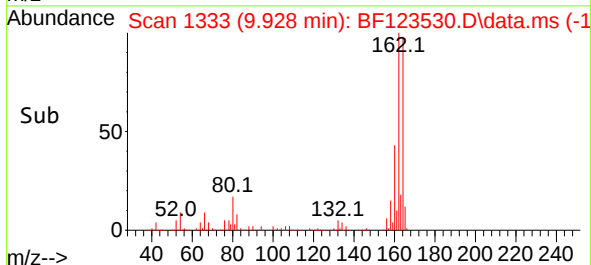
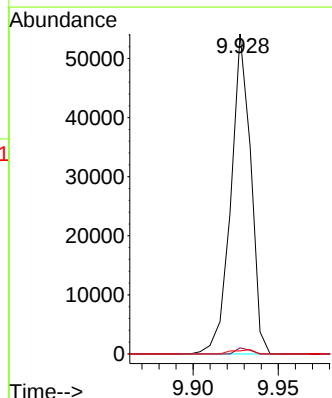
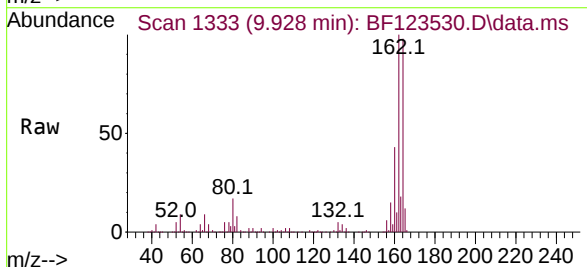
Instrument :
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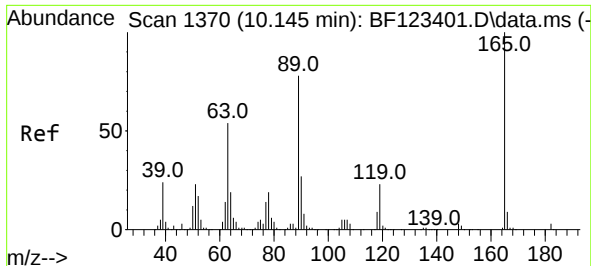
Tgt Ion:163 Resp: 52249
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.0
164 10.9 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 8.49 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

Tgt Ion:165 Resp: 43773
Ion Ratio Lower Upper
165 100
63 1.9 36.6 55.0#
89 0.9 39.4 59.0#

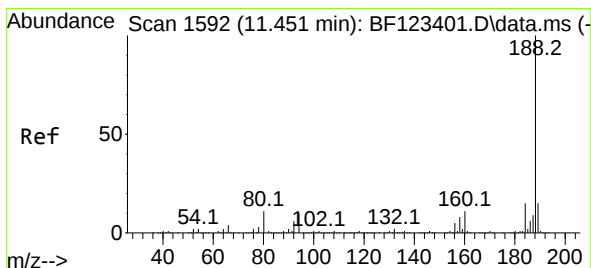
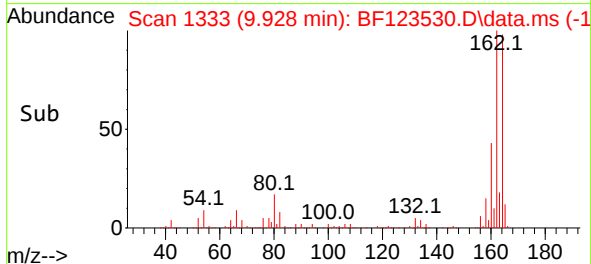
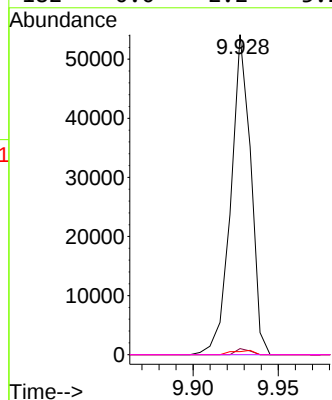
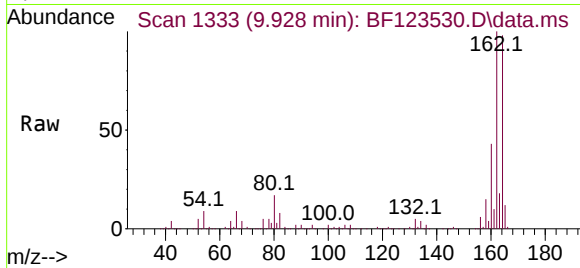




#57
2,4-Dinitrotoluene
Concen: 6.80 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

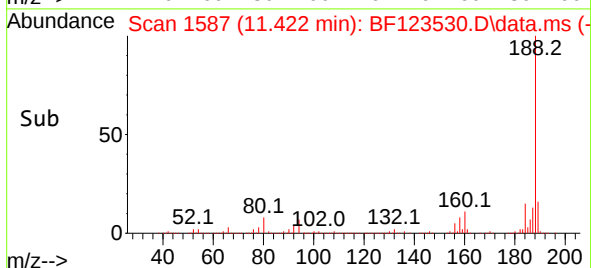
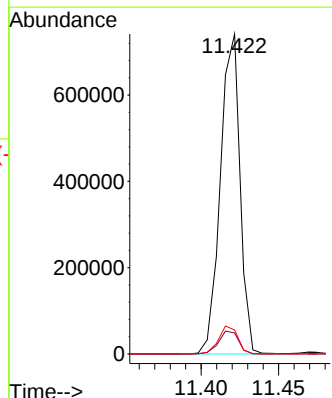
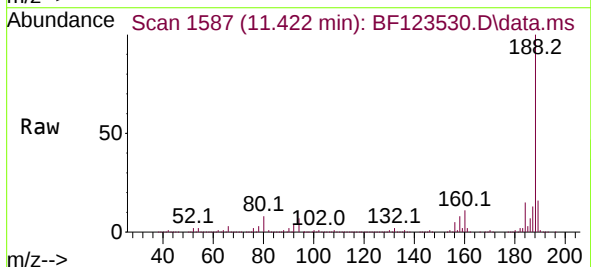
Instrument :
BNA_F
ClientSampleId :
IG002

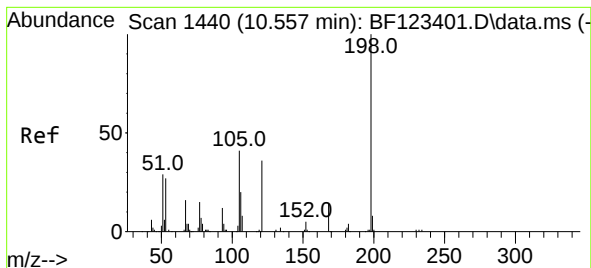
Tgt Ion:	165	Resp:	43773
Ion Ratio	Lower	Upper	
165	100		
63	1.9	34.3	51.5#
89	0.9	55.2	82.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

Tgt Ion:	188	Resp:	653259
Ion Ratio	Lower	Upper	
188	100		
94	6.6	7.4	11.2#
80	7.5	8.2	12.4#

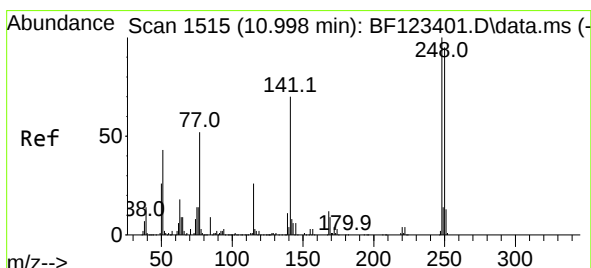
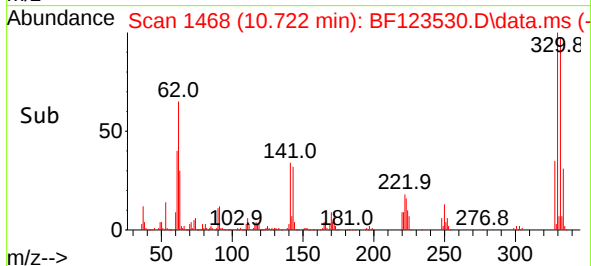
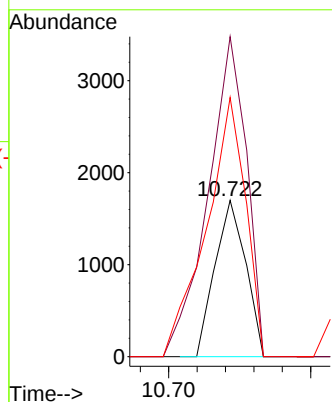
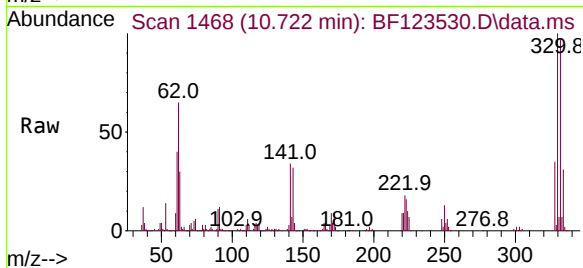




#65
4,6-Dinitro-2-methylphenol
Concen: 5.45 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.188 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

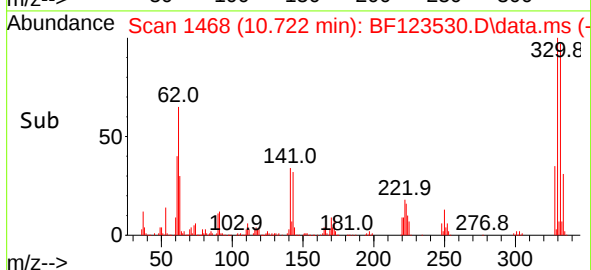
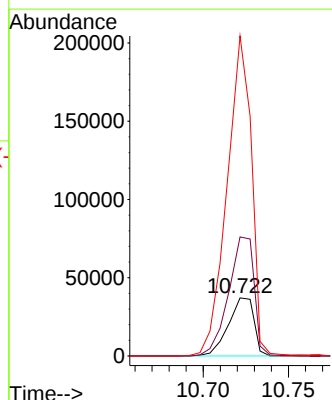
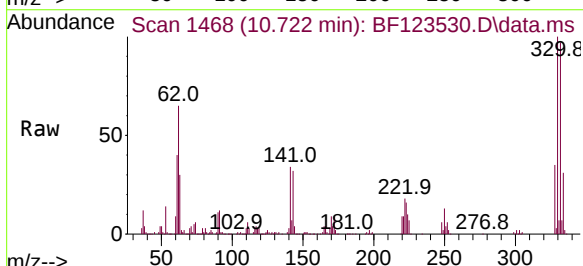
Instrument :
BNA_F
ClientSampled :
IG002

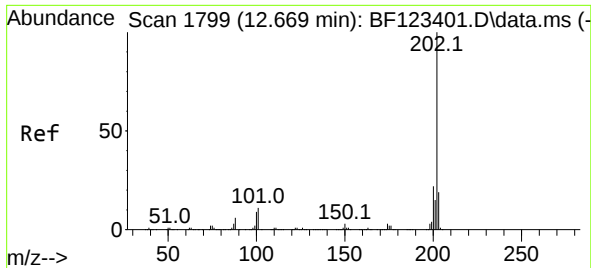
Tgt Ion:198 Resp: 1274
Ion Ratio Lower Upper
198 100
51 204.7 20.3 60.3#
105 165.8 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 5.02 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

Tgt Ion:248 Resp: 38825
Ion Ratio Lower Upper
248 100
250 204.6 76.8 115.2#
141 550.2 59.8 89.8#

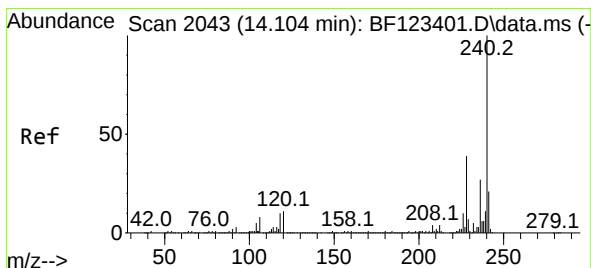
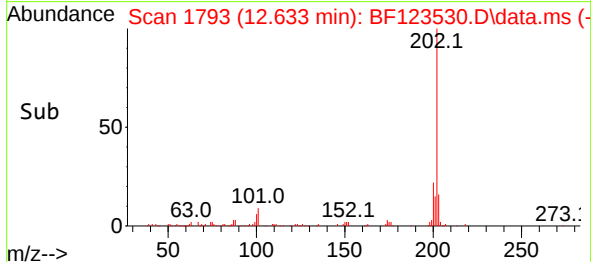
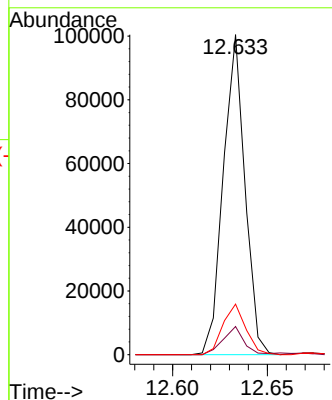
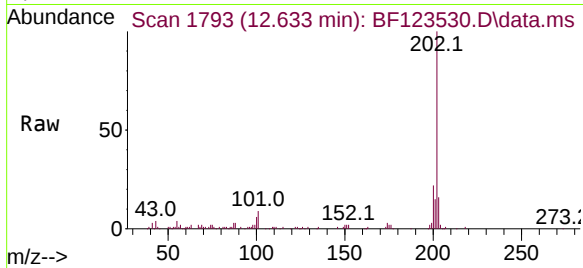




#75
Fluoranthene
Concen: 2.05 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

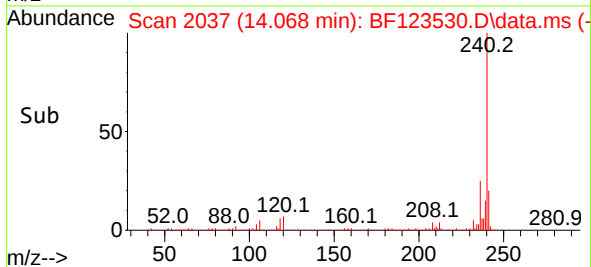
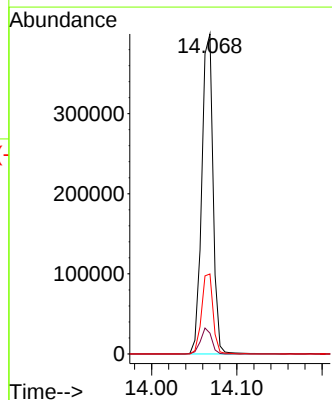
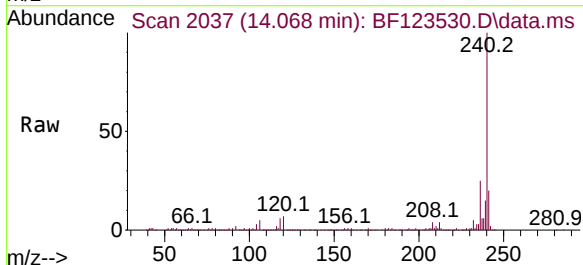
Instrument :
BNA_F
ClientSampleId :
IG002

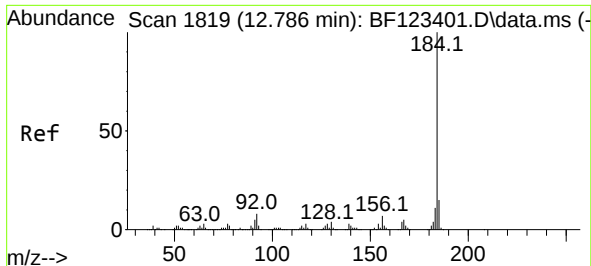
Tgt Ion:	202	Resp:	79977
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	32.2
203	15.8	0.0	38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

Tgt Ion:	240	Resp:	367338
Ion Ratio	Lower	Upper	
240	100		
120	6.5	8.6	12.8#
236	25.0	20.3	30.5

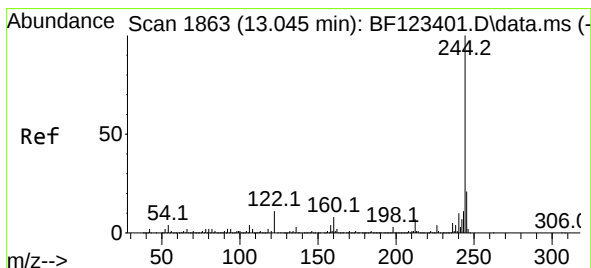
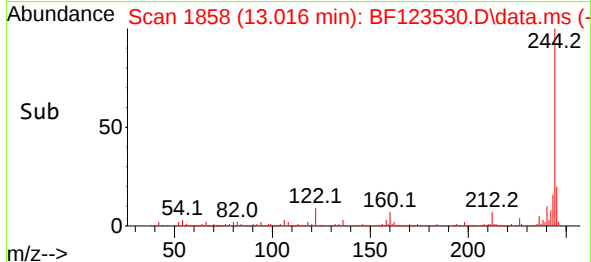
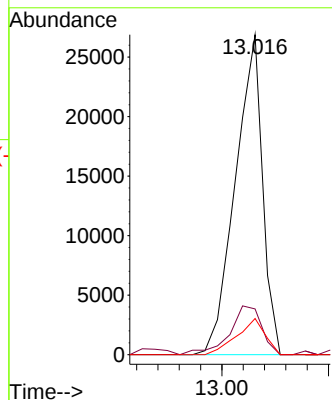
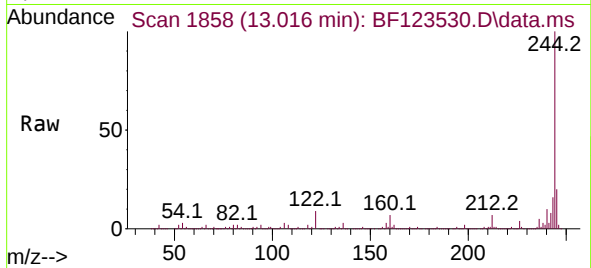




#77
Benzidine
Concen: 2.18 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.259 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

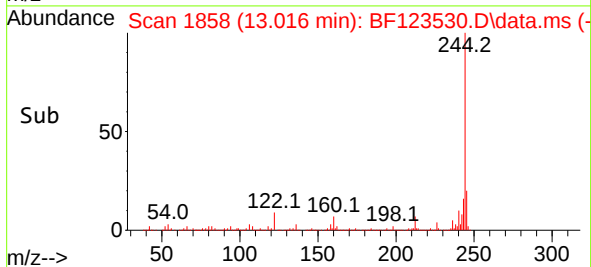
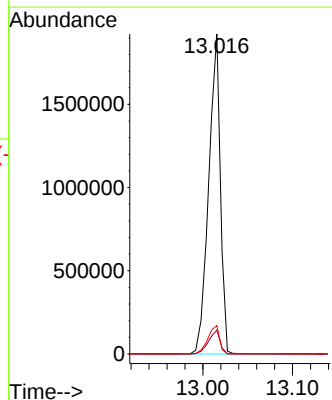
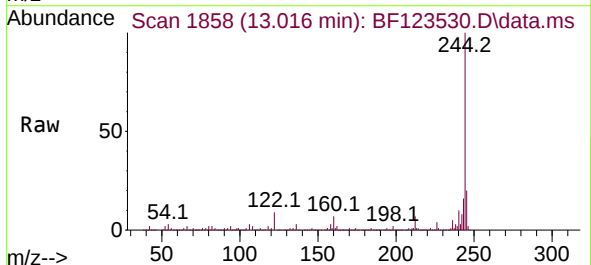
Instrument :
BNA_F
ClientSampled :
IG002

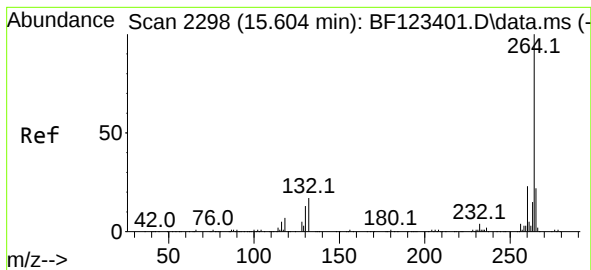
Tgt Ion:184 Resp: 23842
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 11.3 9.7 14.5



#79
Terphenyl-d14
Concen: 80.00 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF123530.D
Acq: 30 Mar 2021 19:52

Tgt Ion:244 Resp: 1733888
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 8.9 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: BF123530.D
Acq: 30 Mar 2021 19:52

Instrument :
BNA_F
ClientSampleId :
IG002

Tgt Ion:264 Resp: 283443

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.2	17.0	25.6

