

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
 Data File : BF123526.D
 Acq On : 30 Mar 2021 17:41
 Operator : JU/CG
 Sample : M1832-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IG002

Quant Time: Mar 30 18:31:49 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)

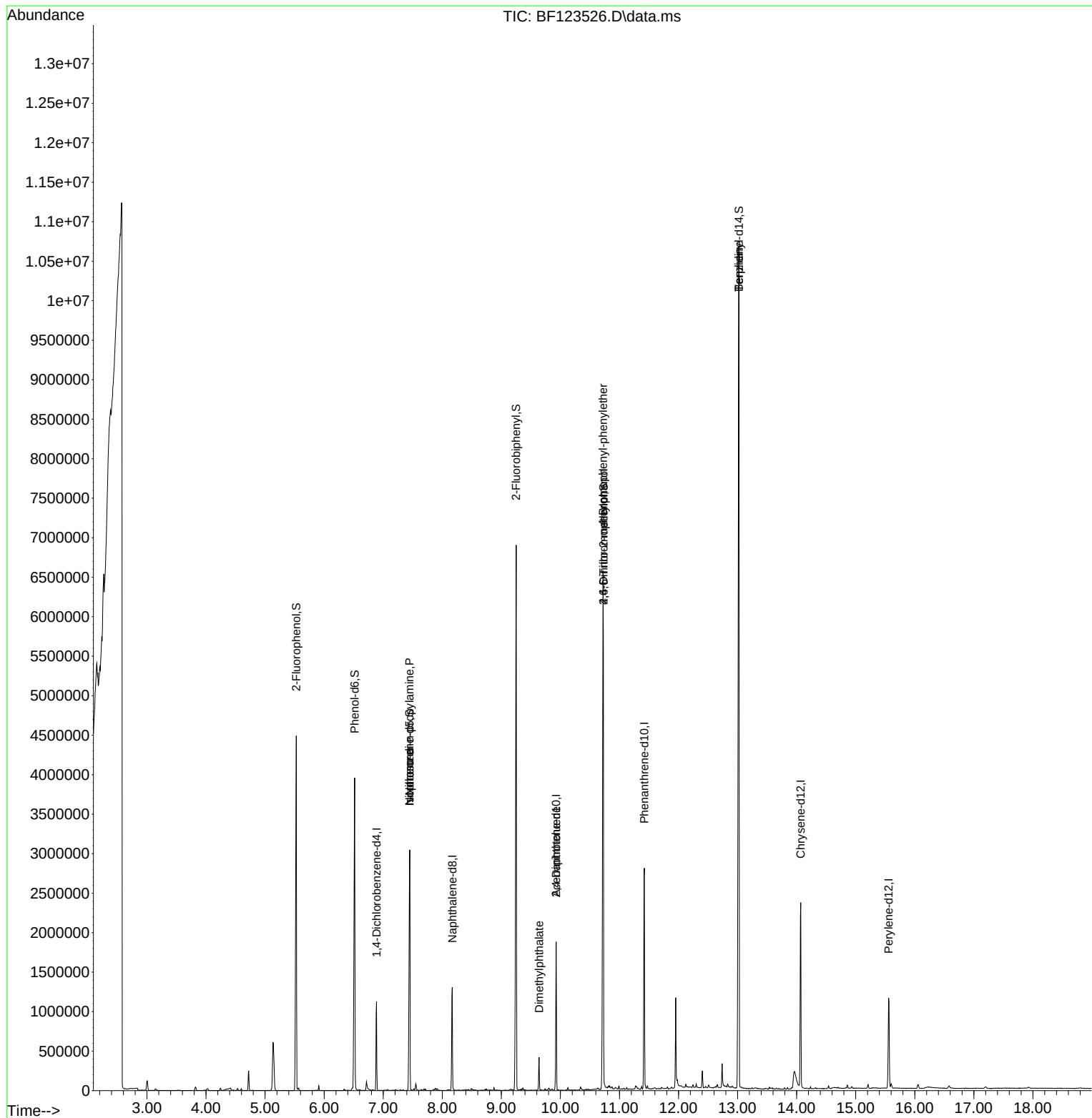
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	148772	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	568220	20.00	ng	# 0.00
39) Acenaphthene-d10	9.928	164	362542	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	1064428	20.00	ng	0.00
76) Chrysene-d12	14.069	240	853502	20.00	ng	0.00
86) Perylene-d12	15.557	264	573252	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1105032	121.51	ng	0.02
7) Phenol-d6	6.516	99	1258485	103.96	ng	0.00
23) Nitrobenzene-d5	7.445	82	1148944	109.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	1003482	247.58	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2270880	89.49	ng	0.00
79) Terphenyl-d14	13.022	244	4214665	83.69	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	755	Below Cal		96
19) n-Nitroso-di-n-propyla...	7.445	70	164524	21.01 ng	#	80
25) Isophorone	7.445	82	1136290	50.20 ng	#	65
50) Dimethylphthalate	9.639	163	142372	5.53 ng		99
57) 2,4-Dinitrotoluene	9.928	165	46698	6.96 ng	#	25
65) 4,6-Dinitro-2-methylph...	10.728	198	1890	5.42 ng	#	1
67) 4-Bromophenyl-phenylether	10.722	248	57287	4.54 ng	#	1
77) Benzidine	13.022	184	56960	2.24 ng		95

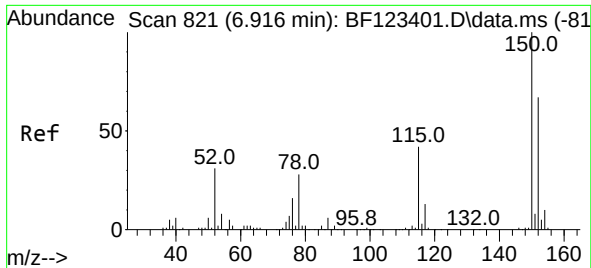
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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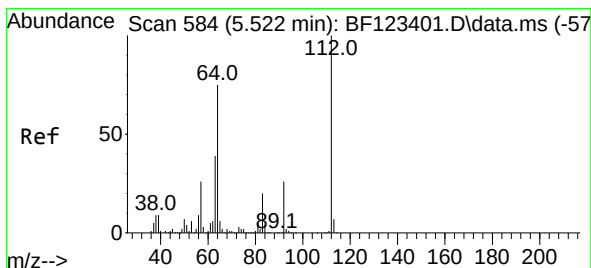
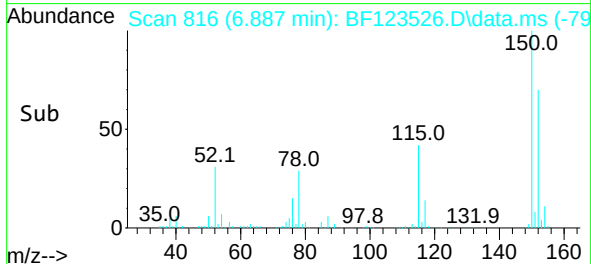
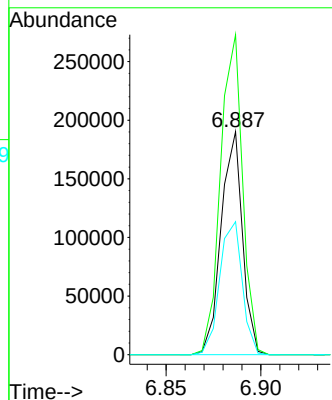
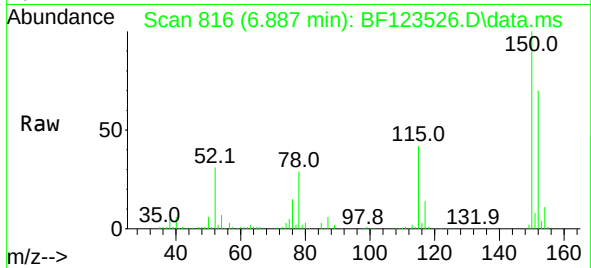




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

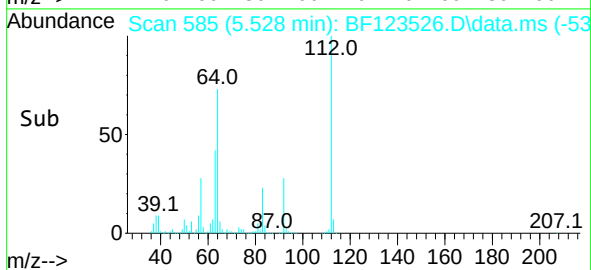
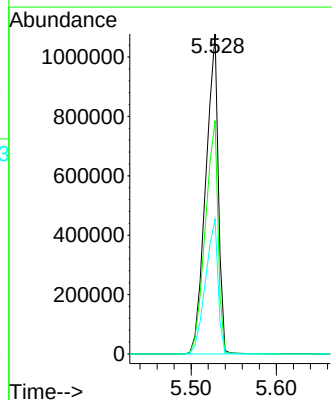
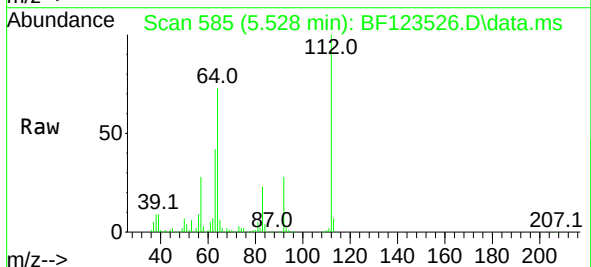
Instrument :
BNA_F
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IG002

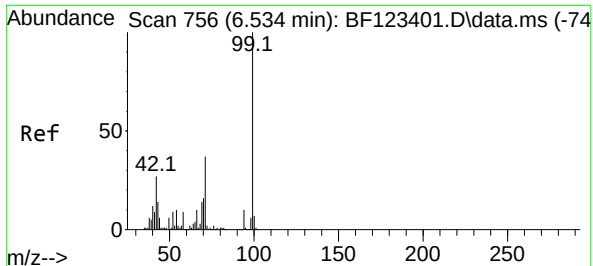
Tgt Ion:152 Resp: 148772
Ion Ratio Lower Upper
152 100
150 143.5 125.8 188.6
115 59.6 49.3 73.9



#5
2-Fluorophenol
Concen: 121.51 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.024 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

Tgt Ion:112 Resp: 1105032
Ion Ratio Lower Upper
112 100
64 72.9 46.9 70.3#
63 42.1 24.5 36.7#

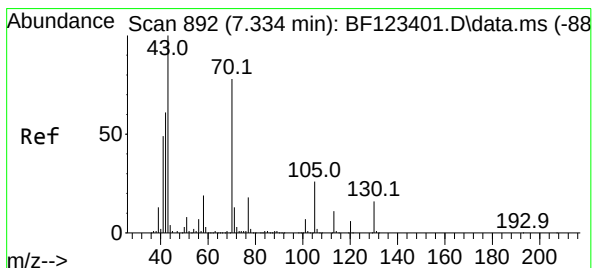
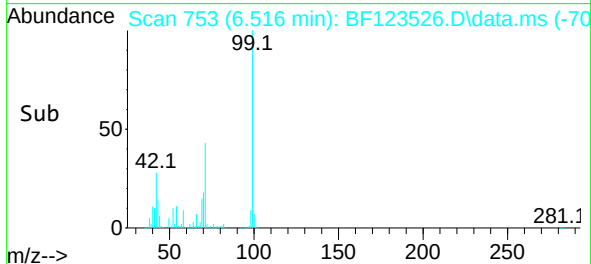
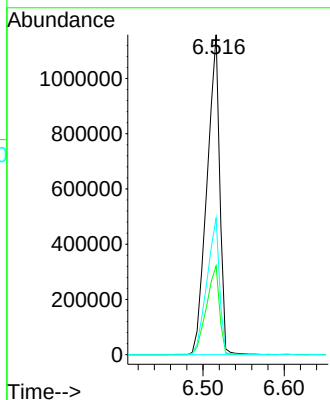
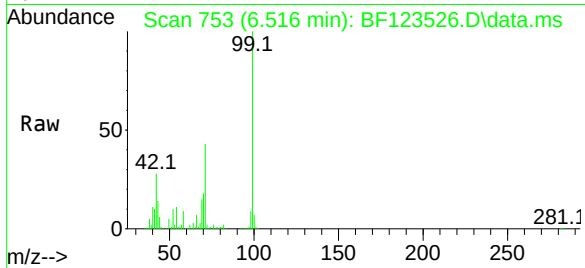




#7
Phenol-d6
Concen: 103.96 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

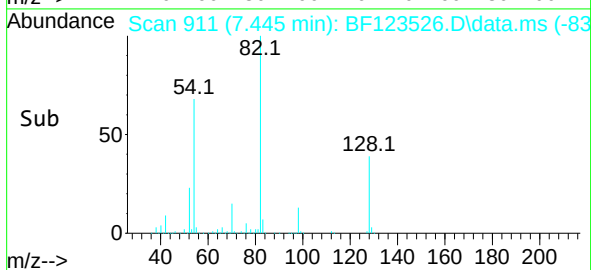
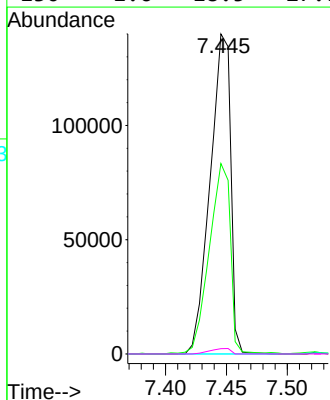
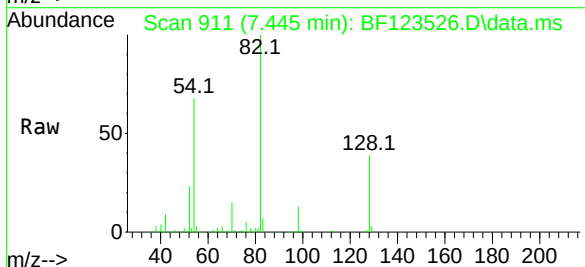
Instrument :
BNA_F
ClientSampleId :
IG002

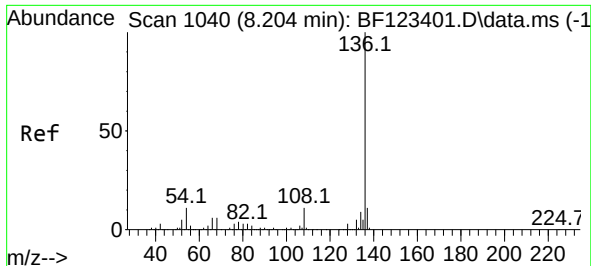
Tgt Ion: 99 Resp: 1258485
Ion Ratio Lower Upper
99 100
42 27.7 13.8 20.6#
71 42.6 26.9 40.3#



#19
n-Nitroso-di-n-propylamine
Concen: 21.01 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

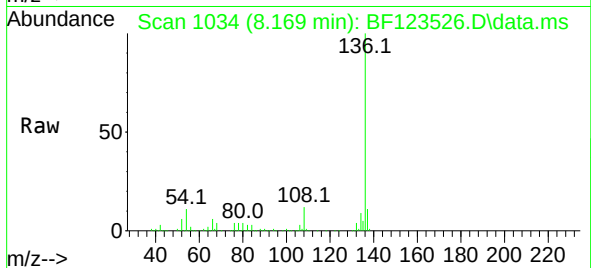
Tgt Ion: 70 Resp: 164524
Ion Ratio Lower Upper
70 100
42 59.5 43.0 64.4
101 0.0 7.9 11.9#
130 1.6 18.5 27.7#



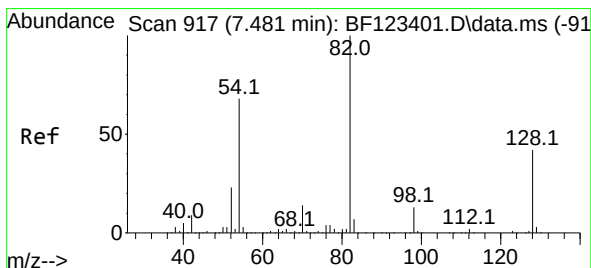
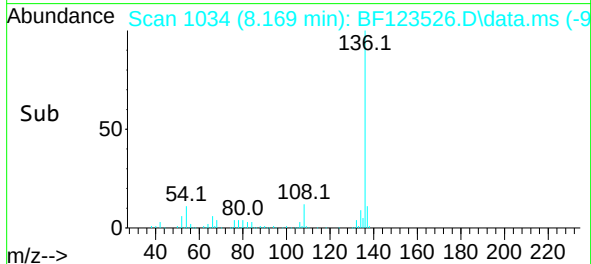
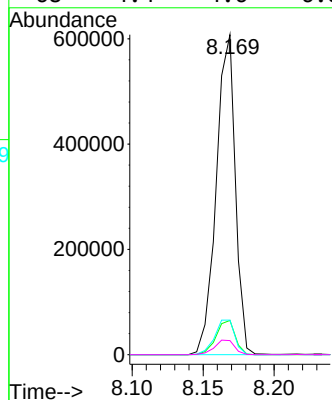


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

Instrument :
BNA_F
ClientSampleId :
IG002

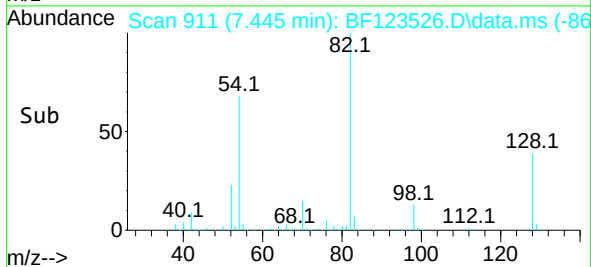
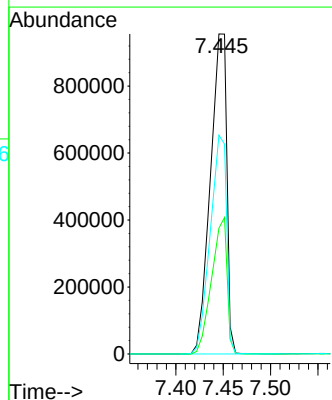
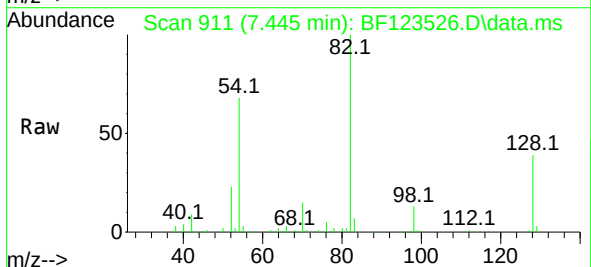


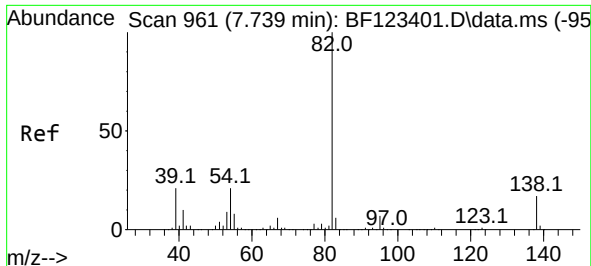
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.8	5.5	8.3#
68	4.4	4.6	6.8#



#23
Nitrobenzene-d5
Concen: 109.13 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.3	37.0	55.4
54	68.3	38.4	57.6#

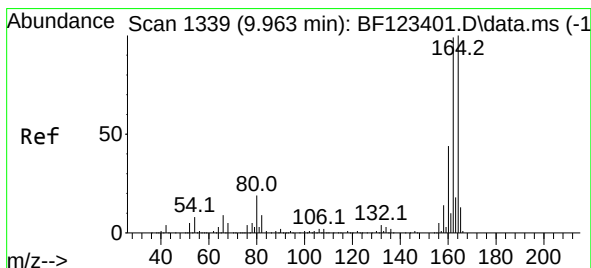
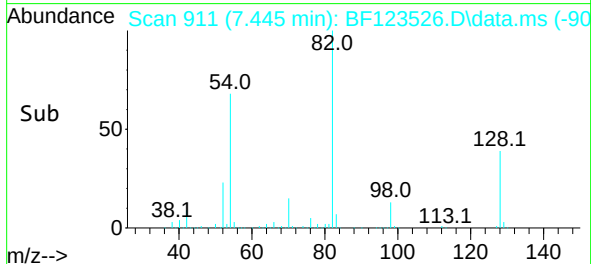
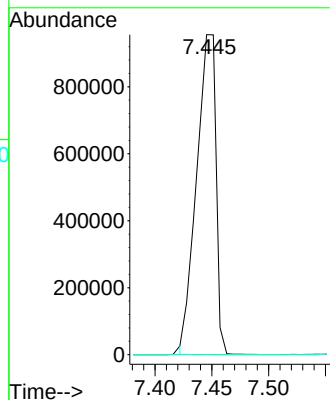
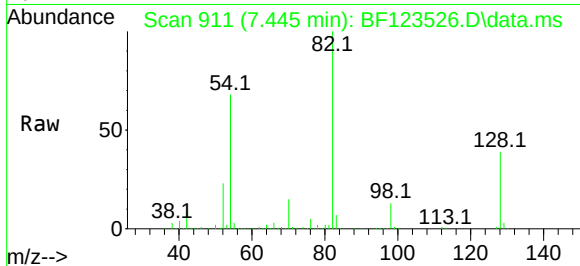




#25
Isophorone
Concen: 50.20 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

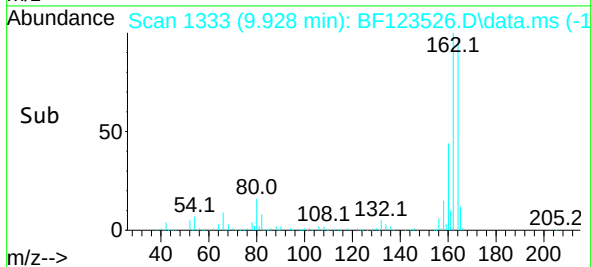
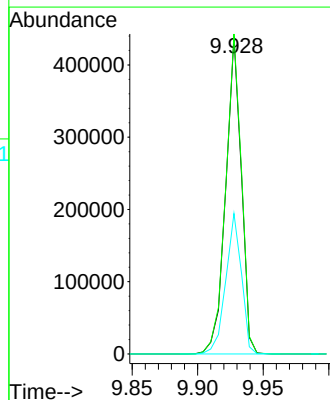
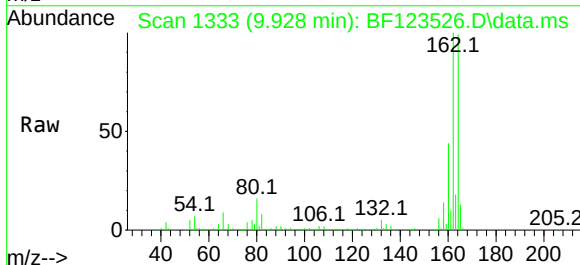
Instrument :
BNA_F
ClientSampleId :
IG002

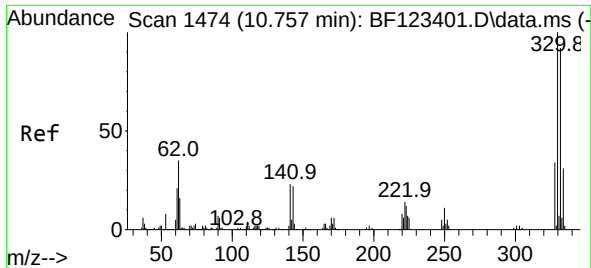
Tgt Ion: 82 Resp: 1136290
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

Tgt Ion:164 Resp: 362542
Ion Ratio Lower Upper
164 100
162 100.8 80.8 121.2
160 44.3 35.4 53.0

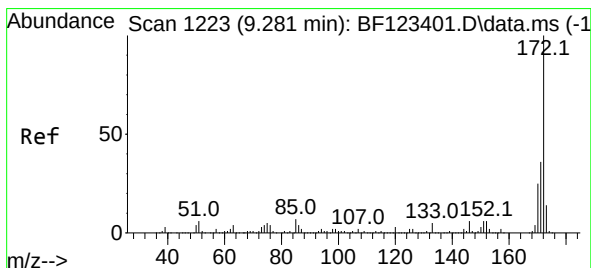
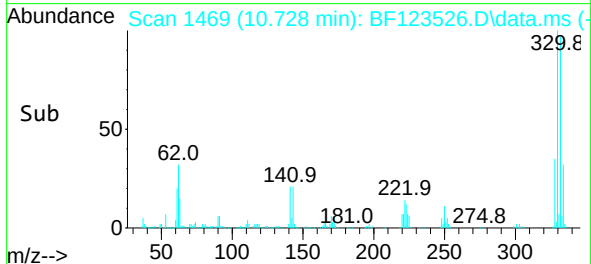
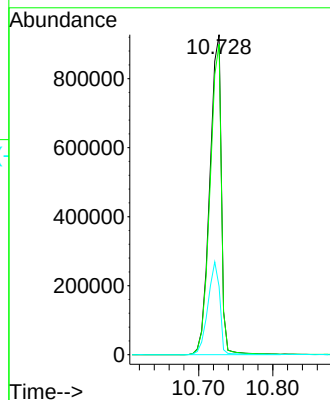
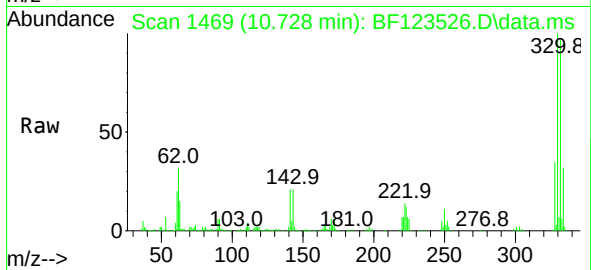




#42
2,4,6-Tribromophenol
Concen: 247.58 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

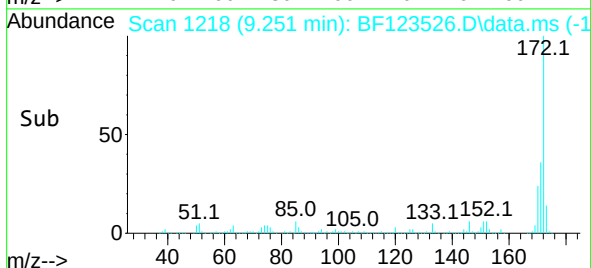
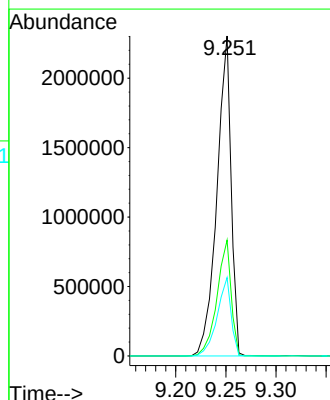
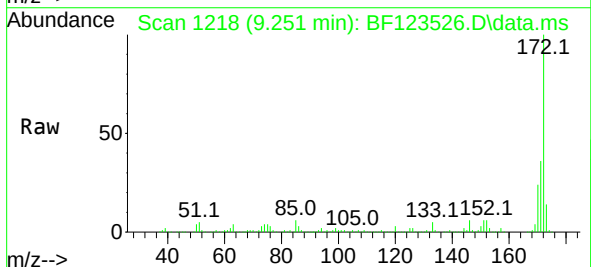
Instrument :
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ClientSampleId :
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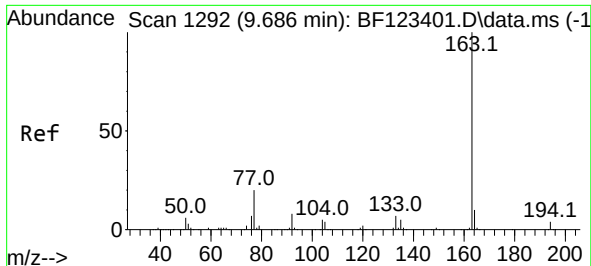
Tgt Ion: 330 Resp: 1003482
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 30.0 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 89.49 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

Tgt Ion: 172 Resp: 2270880
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.5 19.5 29.3

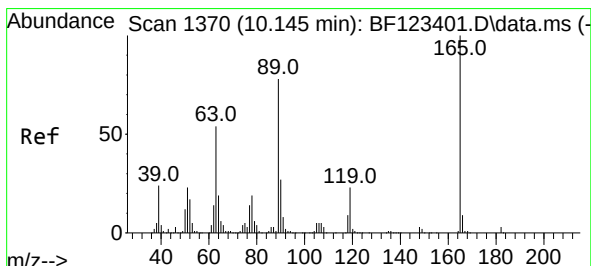
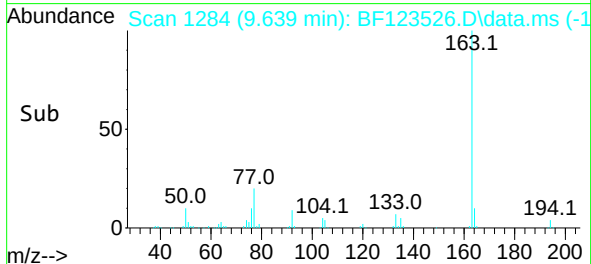
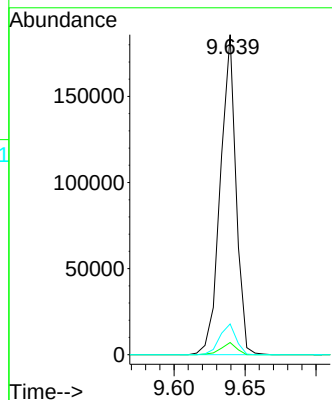
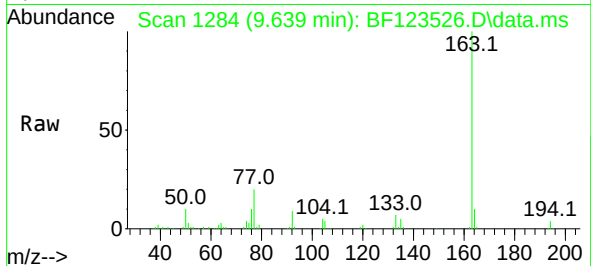




#50
Dimethylphthalate
Concen: 5.53 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

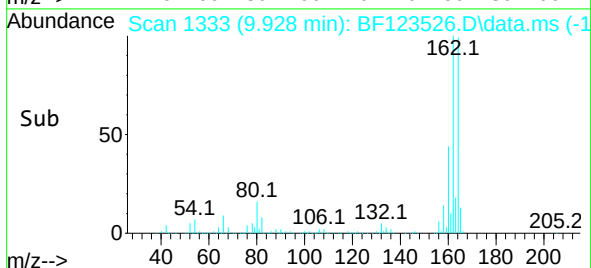
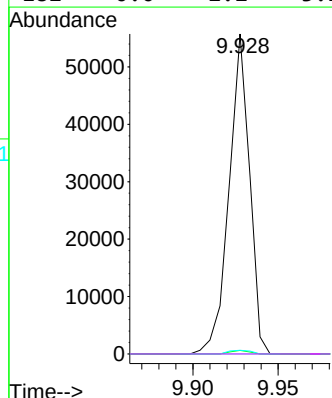
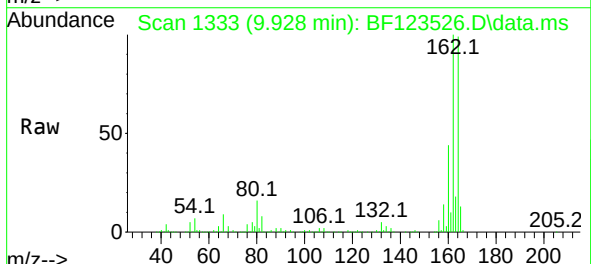
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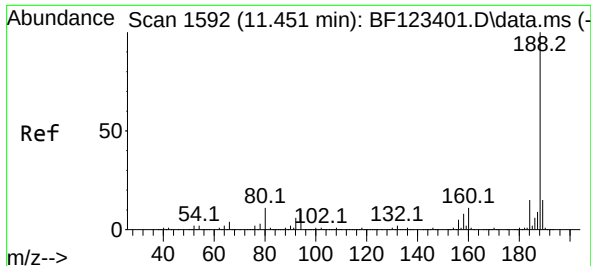
Tgt Ion:163 Resp: 142372
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 9.6 8.1 12.1



#57
2,4-Dinitrotoluene
Concen: 6.96 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

Tgt Ion:165 Resp: 46698
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

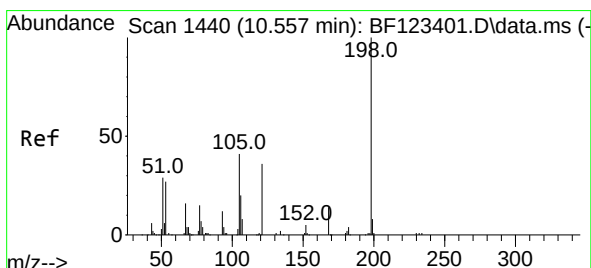
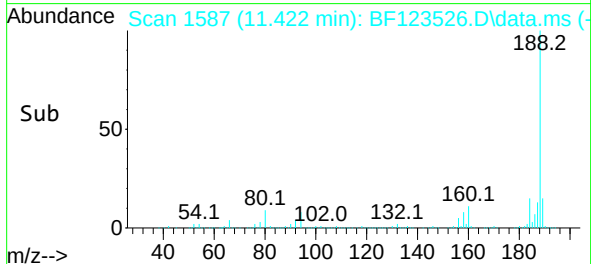
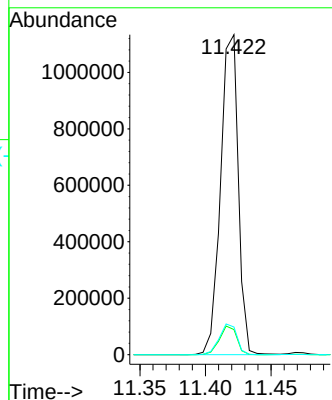
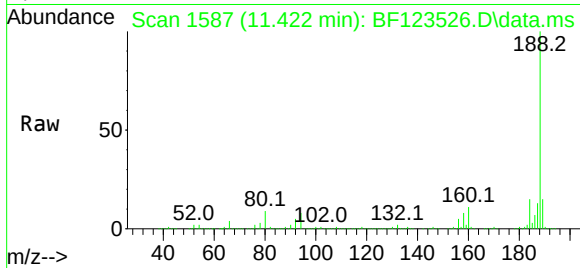




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

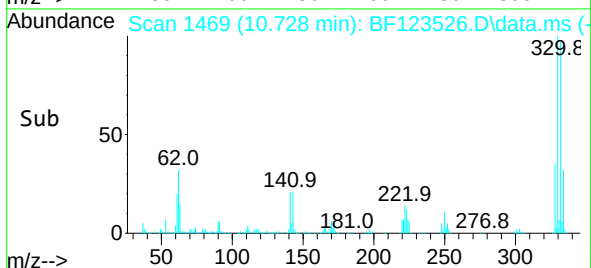
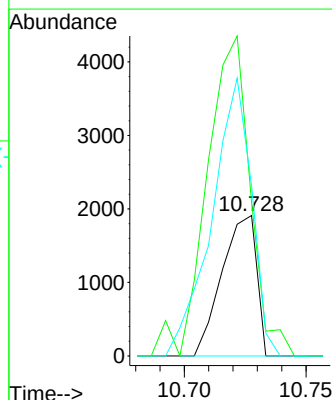
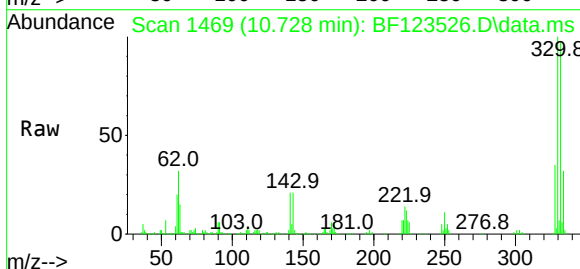
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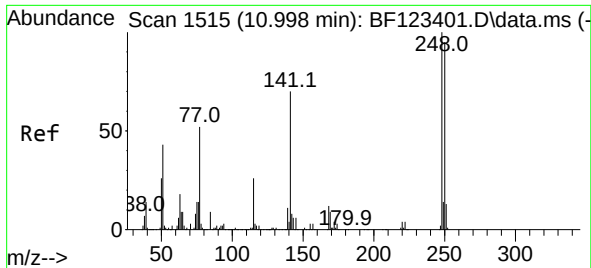
Tgt Ion:188 Resp: 1064428
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 8.6 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.42 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

Tgt Ion:198 Resp: 1890
Ion Ratio Lower Upper
198 100
51 109.5 20.3 60.3#
105 121.2 23.0 63.0#

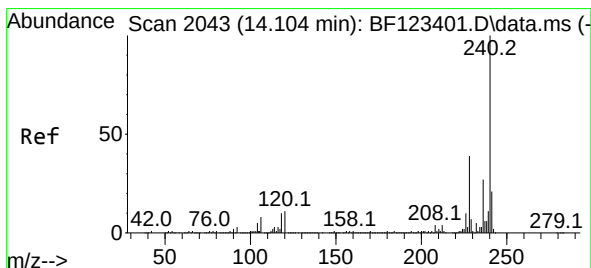
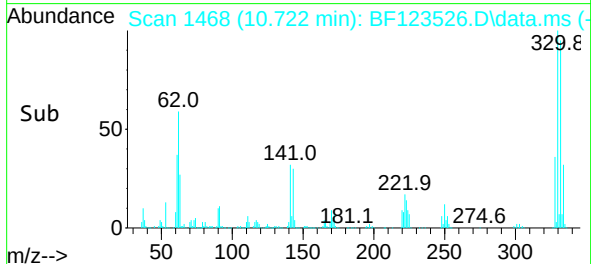
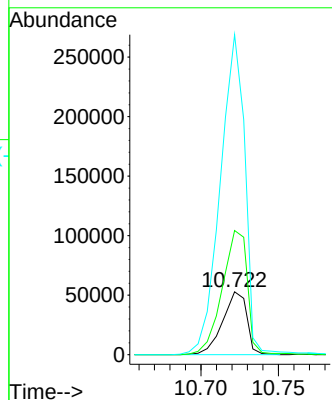
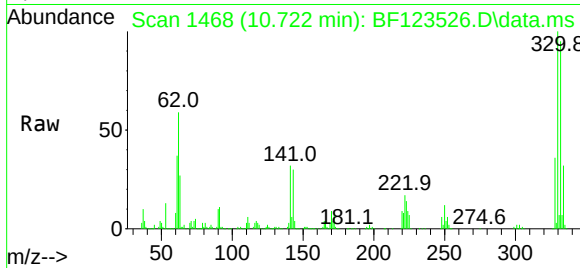




#67
4-Bromophenyl-phenylether
Concen: 4.54 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

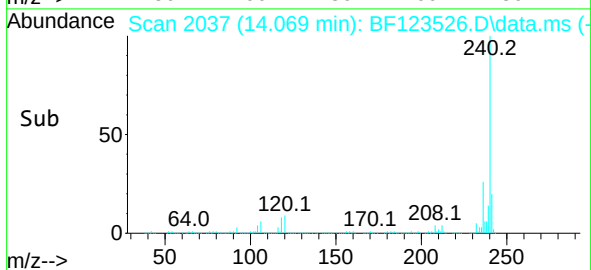
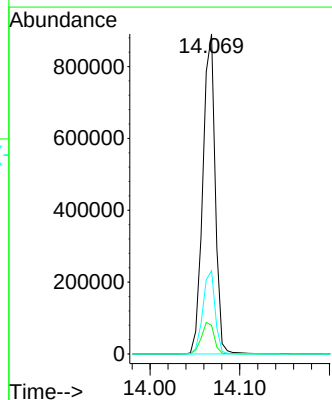
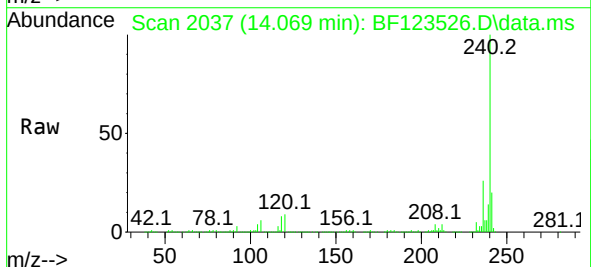
Instrument :
BNA_F
ClientSampled :
IG002

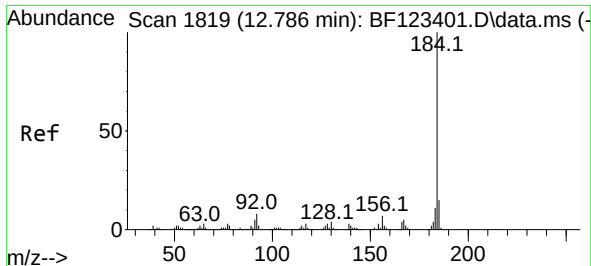
Tgt Ion:248 Resp: 57287
Ion Ratio Lower Upper
248 100
250 197.5 76.8 115.2#
141 509.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

Tgt Ion:240 Resp: 853502
Ion Ratio Lower Upper
240 100
120 9.0 8.6 12.8
236 26.0 20.3 30.5

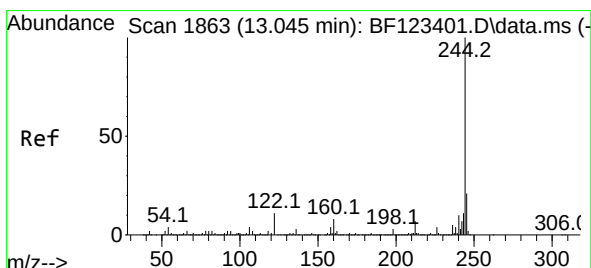
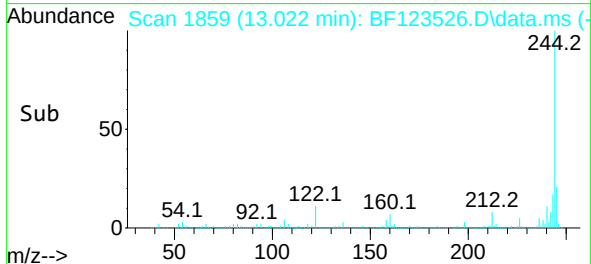
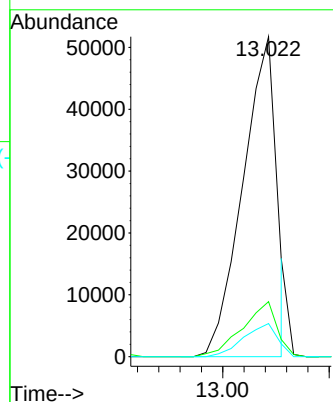
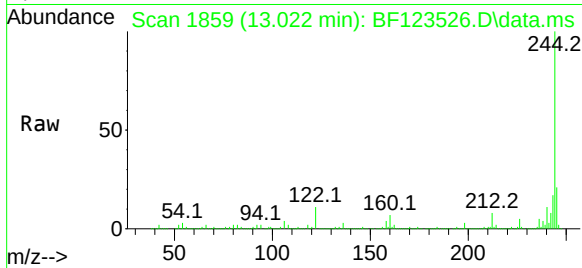




#77
Benzidine
Concen: 2.24 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.265 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

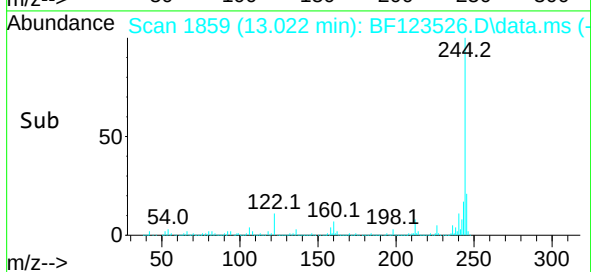
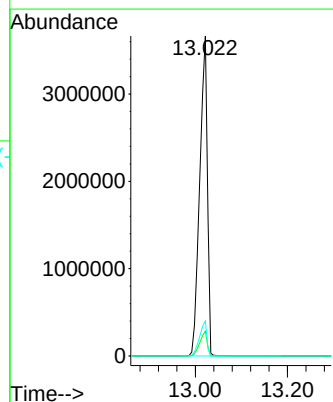
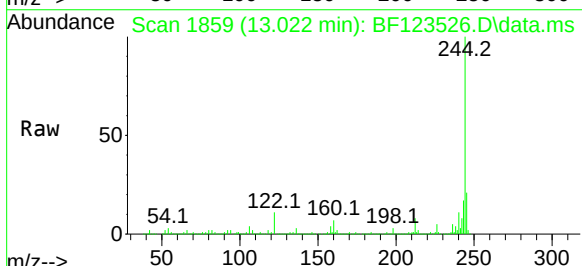
Instrument :
BNA_F
ClientSampled :
IG002

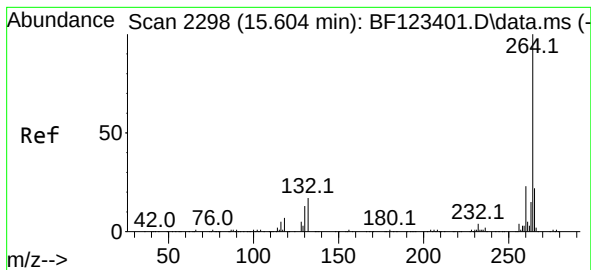
Tgt Ion:184 Resp: 56960
Ion Ratio Lower Upper
184 100
185 17.2 11.8 17.6
183 10.4 9.7 14.5



#79
Terphenyl-d14
Concen: 83.69 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.006 min
Lab File: BF123526.D
Acq: 30 Mar 2021 17:41

Tgt Ion:244 Resp: 4214665
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 11.0 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: BF123526.D
 Acq: 30 Mar 2021 17:41

Instrument :
 BNA_F
 ClientSampleId :
 IG002

Tgt Ion:264	Resp: 573252
Ion Ratio	Lower Upper
264	100
260	22.2 18.6 28.0
265	22.2 17.0 25.6

