

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
 Data File : BF123159.D
 Acq On : 9 Feb 2021 11:07
 Operator : JU/CG
 Sample : PB134517TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134517TB

Quant Time: Feb 09 13:09:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

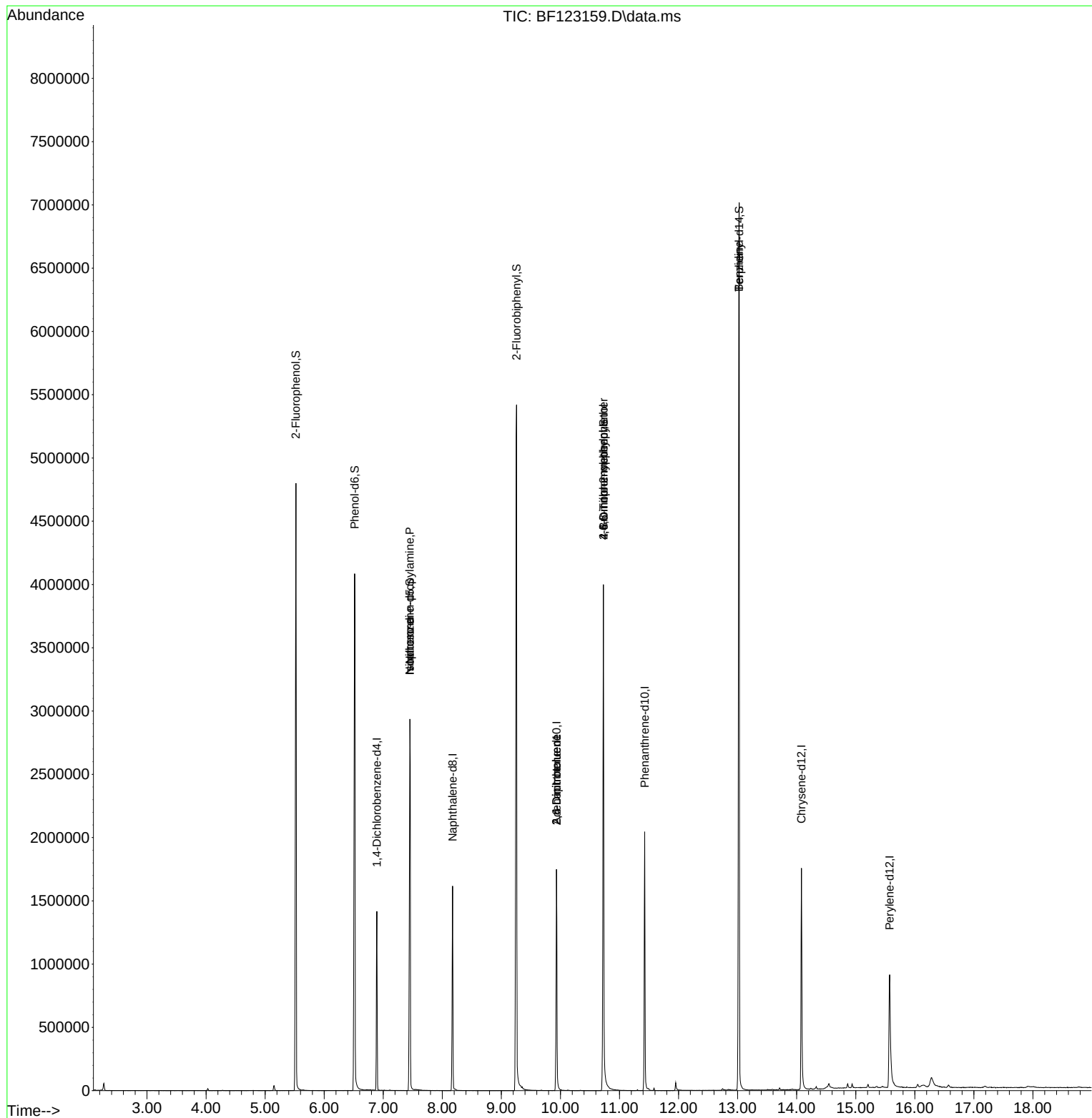
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	203243	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	790109	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	420335	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	798173	20.00	ng	0.00
76) Chrysene-d12	14.080	240	729009	20.00	ng	0.00
86) Perylene-d12	15.574	264	639235	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1475802	112.01	ng	0.02
7) Phenol-d6	6.516	99	1835934	102.80	ng	0.00
23) Nitrobenzene-d5	7.451	82	1196025	76.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	607314	133.10	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2236343	79.09	ng	0.00
79) Terphenyl-d14	13.027	244	2670351	71.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	164738	15.34	ng	Qvalue
25) Isophorone	7.451	82	1188387	41.32	ng	# 77
51) 2,6-Dinitrotoluene	9.933	165	52952	7.54	ng	# 65
57) 2,4-Dinitrotoluene	9.933	165	52953	5.80	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.728	198	1317	5.24	ng	# 25
67) 4-Bromophenyl-phenylether	10.728	248	40288	3.96	ng	# 1
77) Benzidine	13.022	184	35363	2.14	ng	# 1

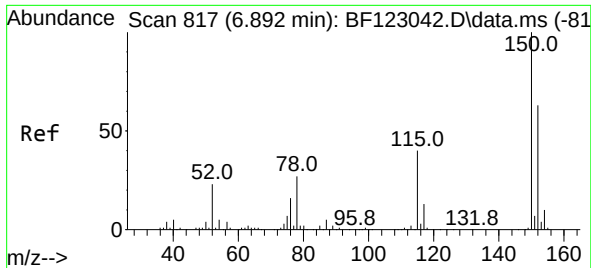
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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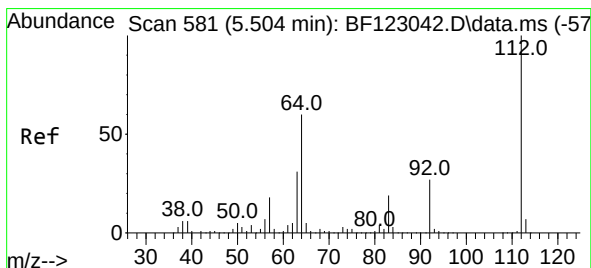
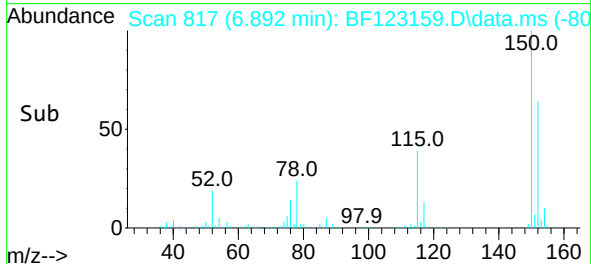
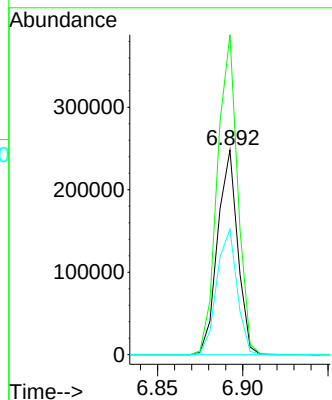
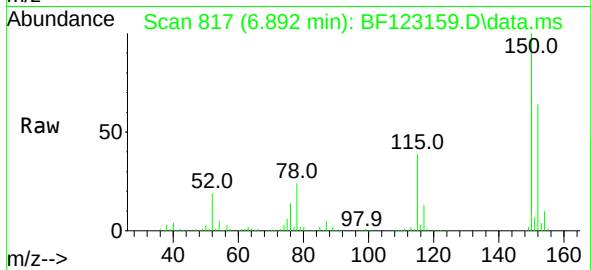




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123159.D
 Acq: 9 Feb 2021 11:07

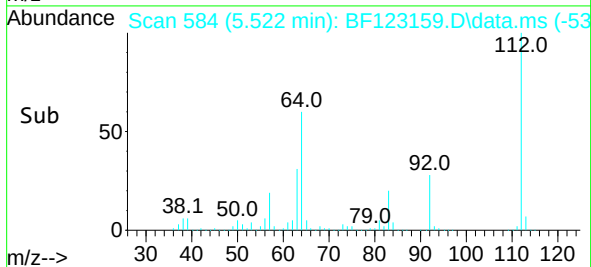
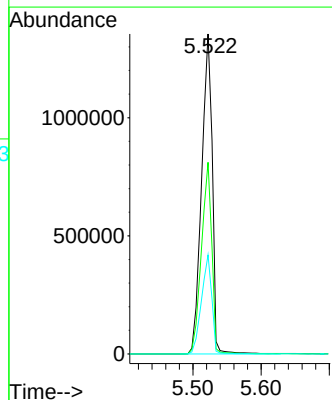
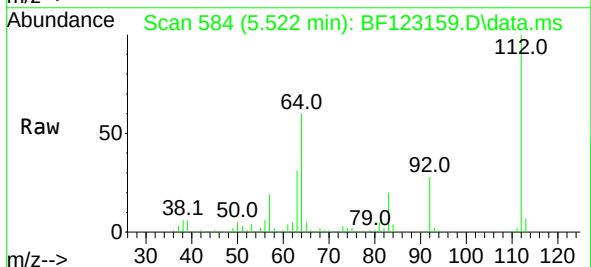
Instrument :
 BNA_F
 ClientSampleId :
 PB134517TB

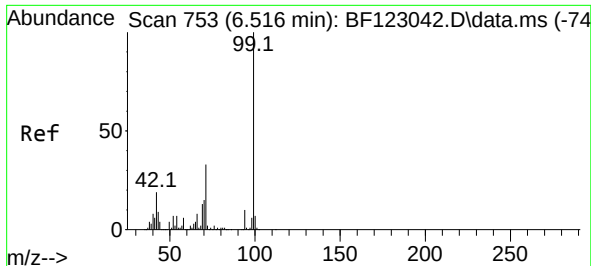
Tgt Ion:152 Resp: 203243
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.8 188.6
 115 61.4 49.3 73.9



#5
 2-Fluorophenol
 Concen: 112.01 ng
 RT: 5.522 min Scan# 584
 Delta R.T. 0.018 min
 Lab File: BF123159.D
 Acq: 9 Feb 2021 11:07

Tgt Ion:112 Resp: 1475802
 Ion Ratio Lower Upper
 112 100
 64 59.9 46.9 70.3
 63 31.0 24.5 36.7

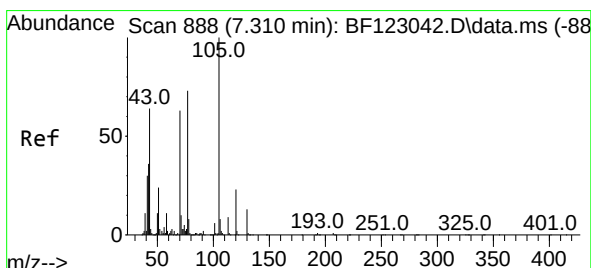
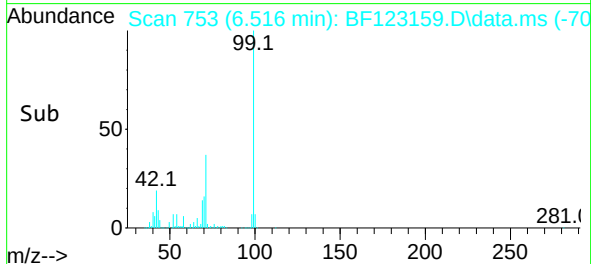
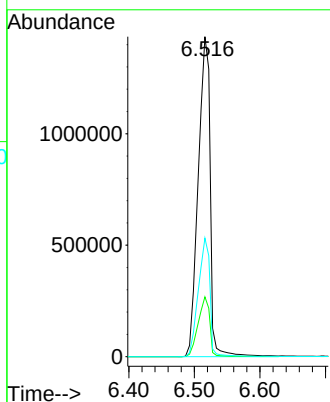
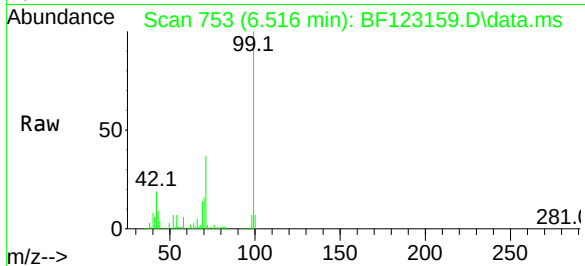




#7
Phenol-d6
Concen: 102.80 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123159.D
Acq: 9 Feb 2021 11:07

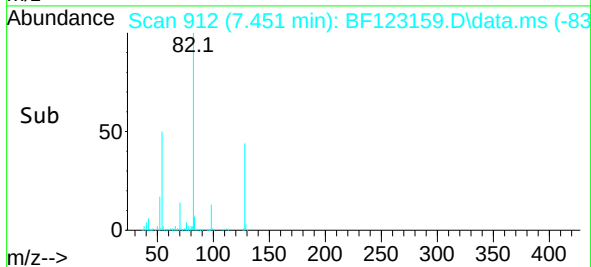
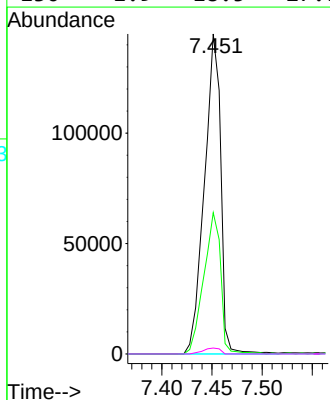
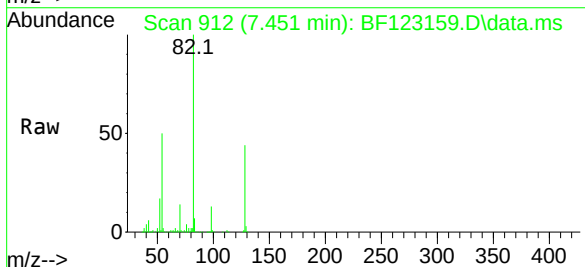
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ClientSampleId :
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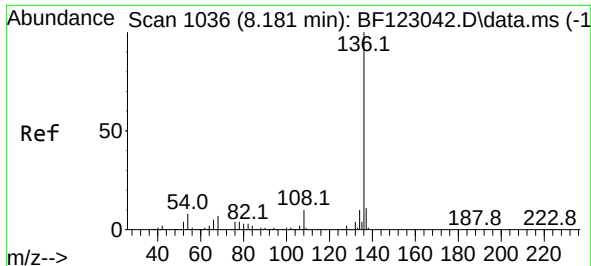
Tgt Ion: 99 Resp: 1835934
Ion Ratio Lower Upper
99 100
42 18.7 13.8 20.6
71 37.0 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.34 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123159.D
Acq: 9 Feb 2021 11:07

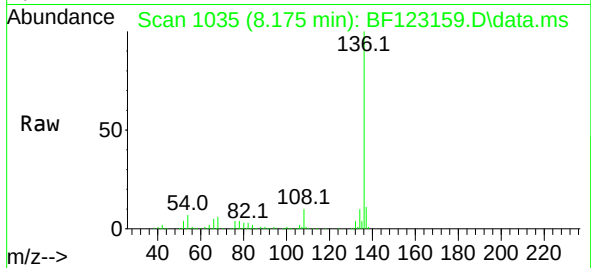
Tgt Ion: 70 Resp: 164738
Ion Ratio Lower Upper
70 100
42 44.1 43.0 64.4
101 0.0 7.9 11.9#
130 1.9 18.5 27.7#



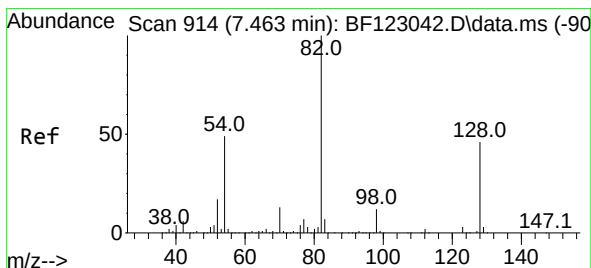
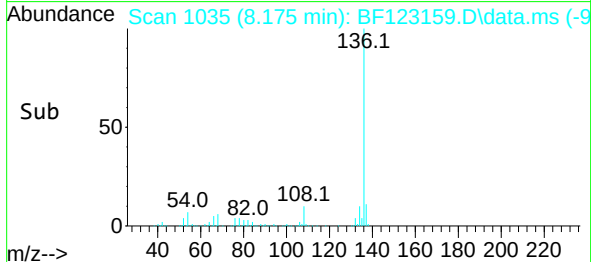
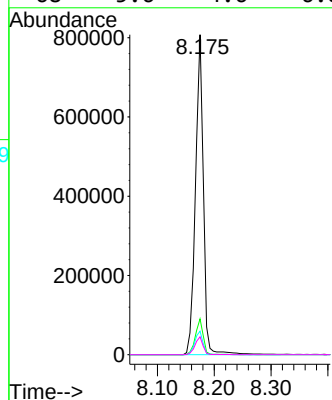


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123159.D
Acq: 9 Feb 2021 11:07

Instrument :
BNA_F
ClientSampleId :
PB134517TB

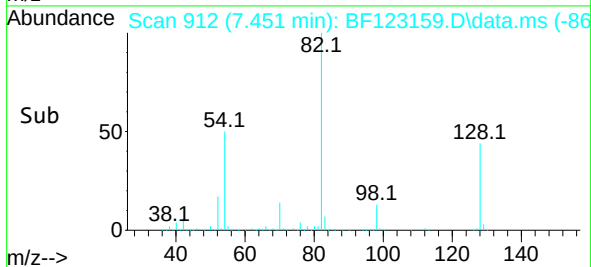
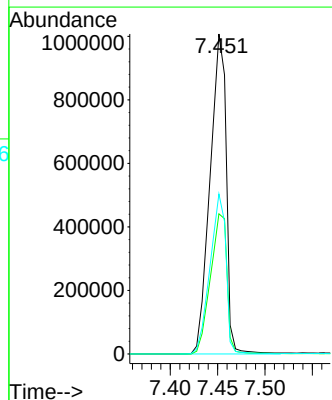
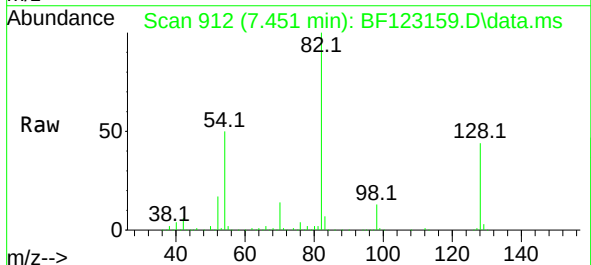


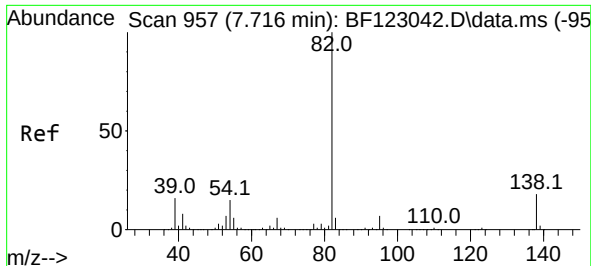
Tgt Ion:136	Resp: 790109
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 7.3	5.5 8.3
68 5.6	4.6 6.8



#23
Nitrobenzene-d5
Concen: 76.18 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123159.D
Acq: 9 Feb 2021 11:07

Tgt Ion: 82		Resp: 1196025	
Ion	Ratio	Lower	Upper
82	100		
128	43.8	37.0	55.4
54	50.0	38.4	57.6

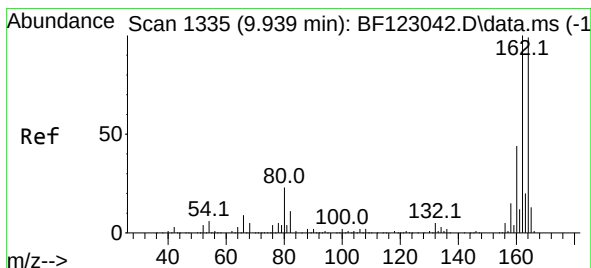
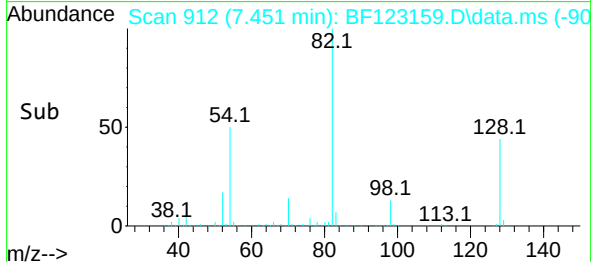
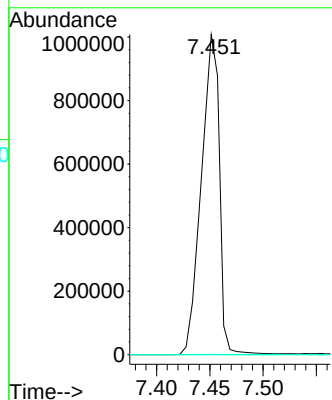
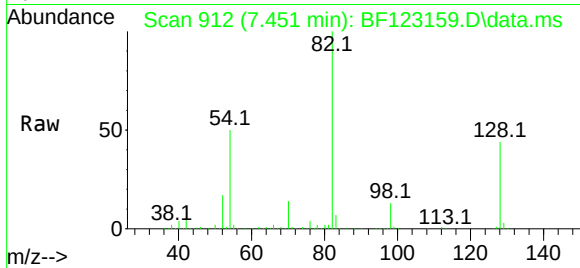




#25
Isophorone
Concen: 41.32 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123159.D
Acq: 9 Feb 2021 11:07

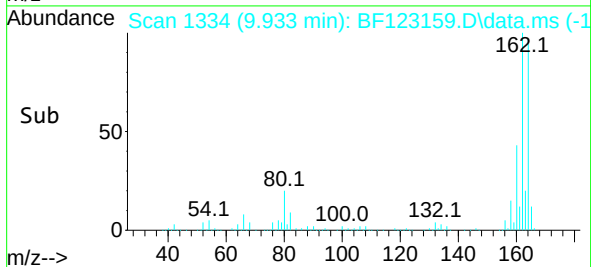
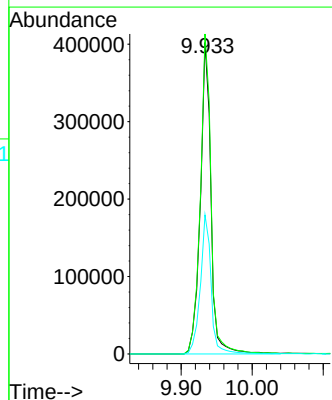
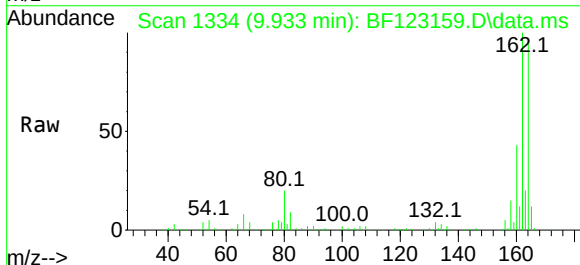
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ClientSampleId :
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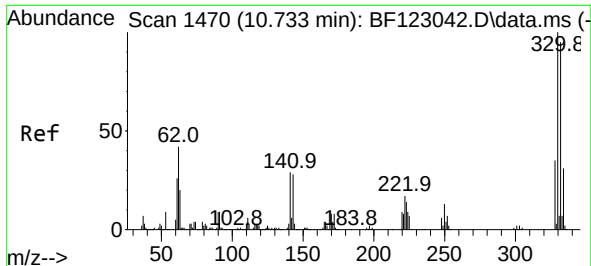
Tgt Ion: 82 Resp: 1188387
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123159.D
Acq: 9 Feb 2021 11:07

Tgt Ion:164 Resp: 420335
Ion Ratio Lower Upper
164 100
162 102.7 80.8 121.2
160 44.7 35.4 53.0

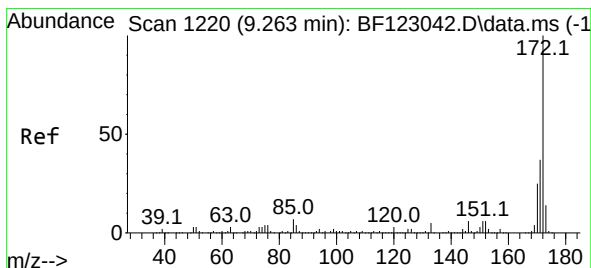
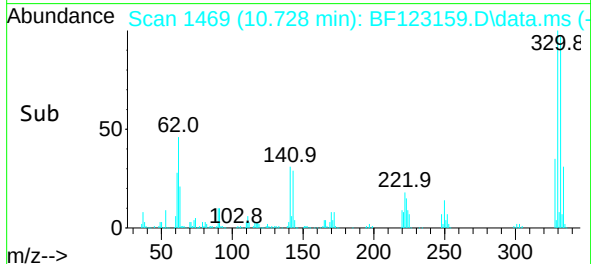
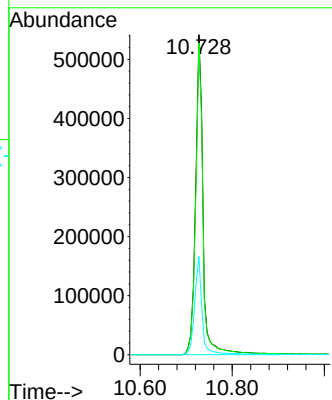
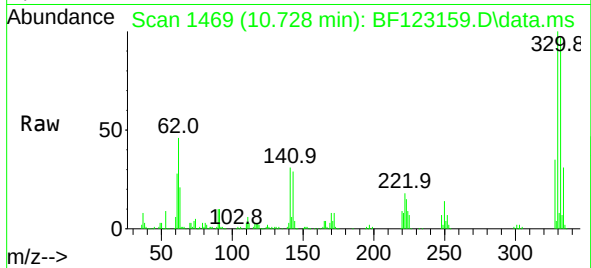




#42
2,4,6-Tribromophenol
Concen: 133.10 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123159.D
Acq: 9 Feb 2021 11:07

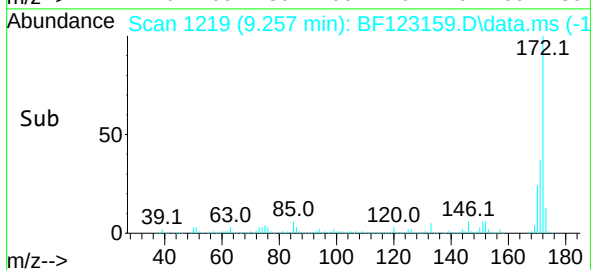
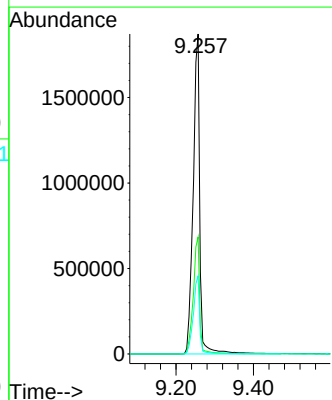
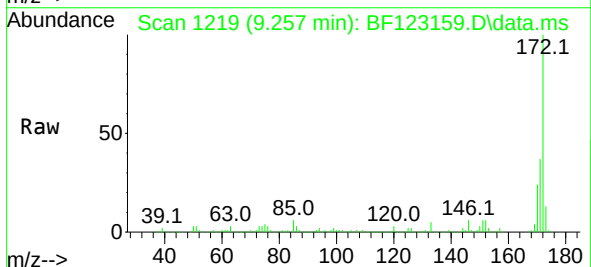
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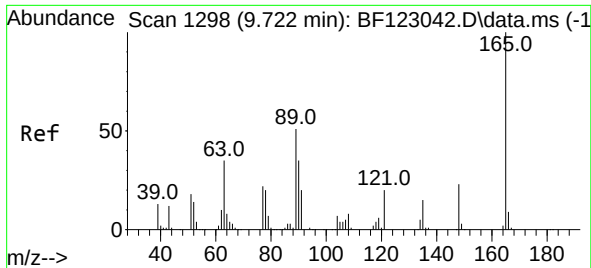
Tgt Ion:330 Resp: 607314
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 30.6 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 79.09 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123159.D
Acq: 9 Feb 2021 11:07

Tgt Ion:172 Resp: 2236343
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.4 19.5 29.3

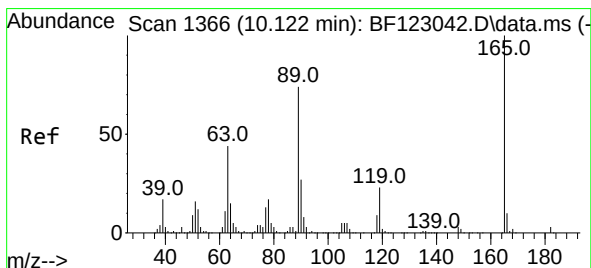
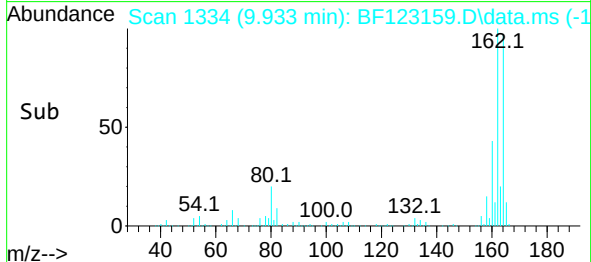
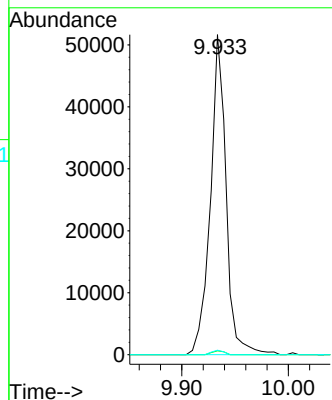
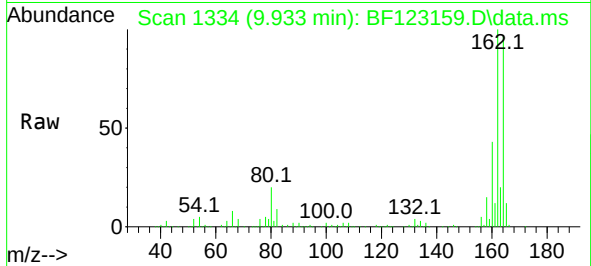




#51
2,6-Dinitrotoluene
Concen: 7.54 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123159.D
Acq: 9 Feb 2021 11:07

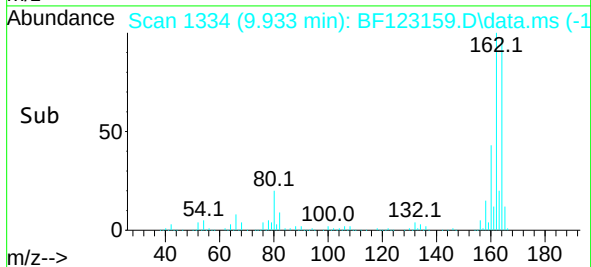
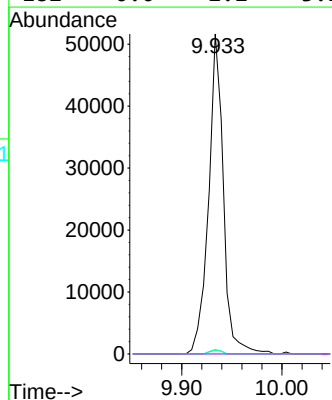
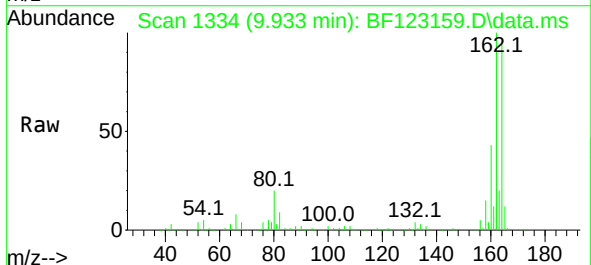
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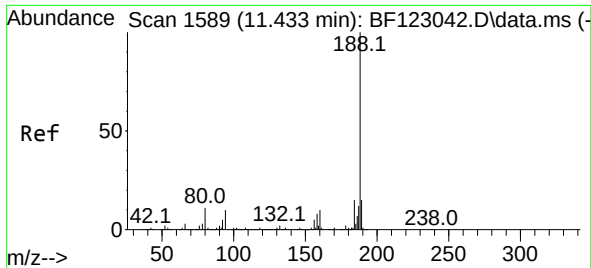
Tgt Ion:165 Resp: 52952
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123159.D
Acq: 9 Feb 2021 11:07

Tgt Ion:165 Resp: 52953
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

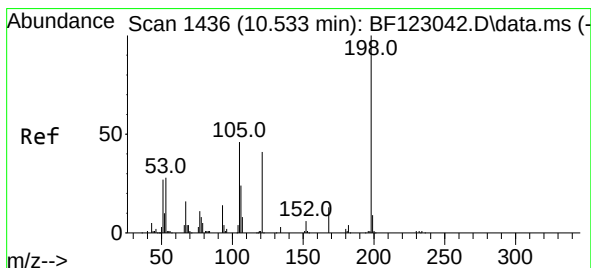
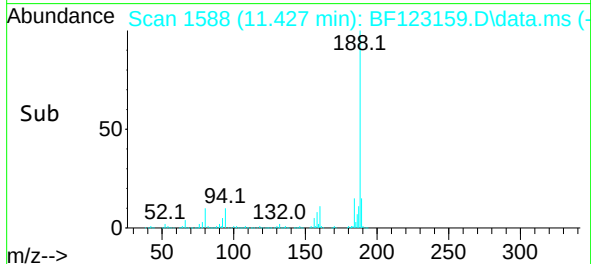
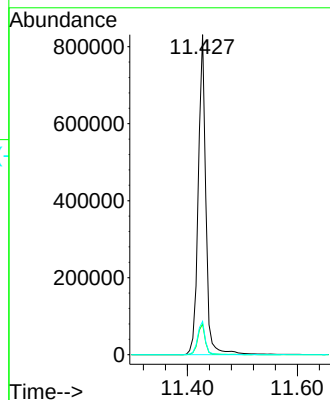
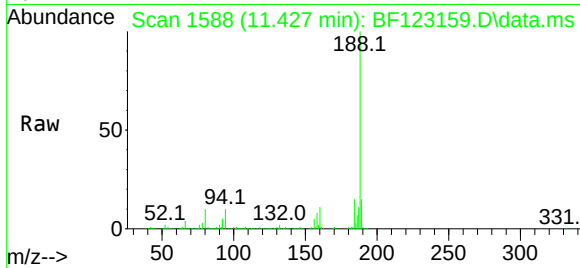




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123159.D
Acq: 9 Feb 2021 11:07

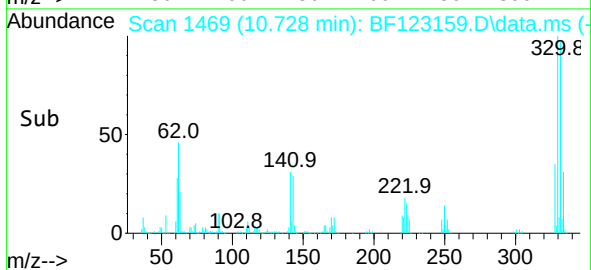
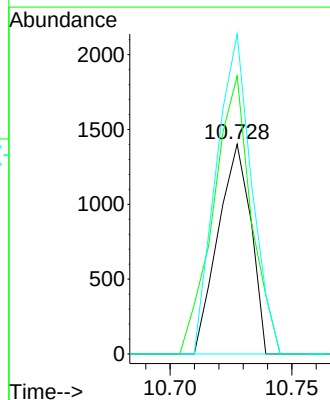
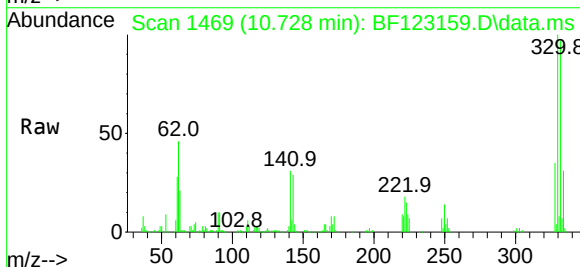
Instrument :
BNA_F
ClientSampleId :
PB134517TB

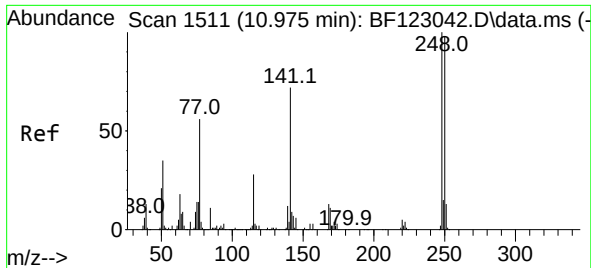
Tgt Ion:188 Resp: 798173
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.4 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.24 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.195 min
Lab File: BF123159.D
Acq: 9 Feb 2021 11:07

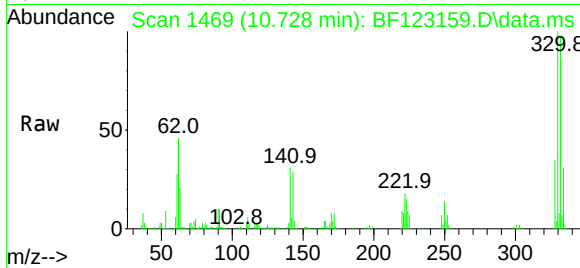
Tgt Ion:198 Resp: 1317
Ion Ratio Lower Upper
198 100
51 132.5 20.3 60.3#
105 152.5 23.0 63.0#



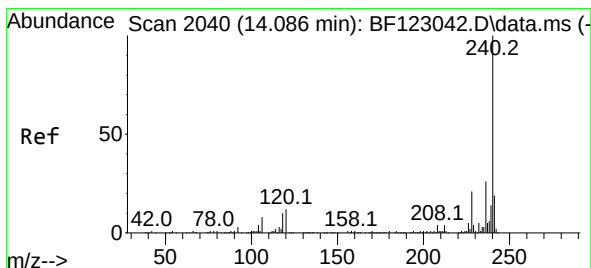
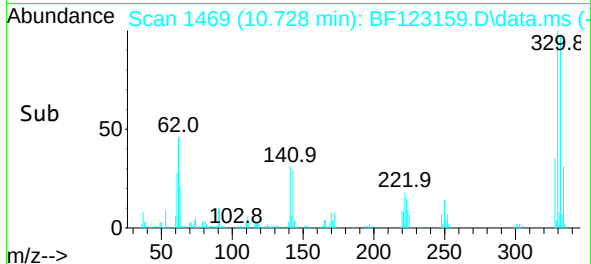
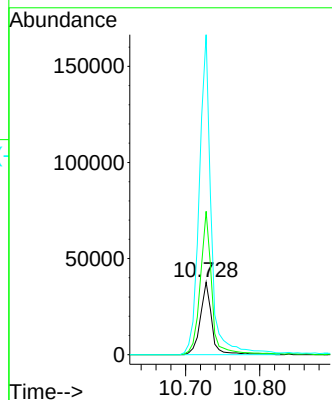


#67
4-Bromophenyl-phenylether
Concen: 3.96 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123159.D
Acq: 9 Feb 2021 11:07

Instrument :
BNA_F
ClientSampleId :
PB134517TB

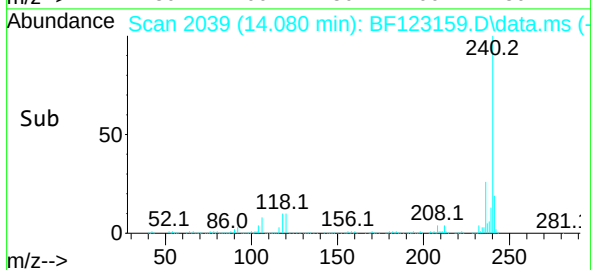
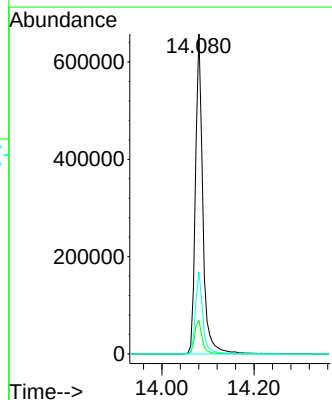
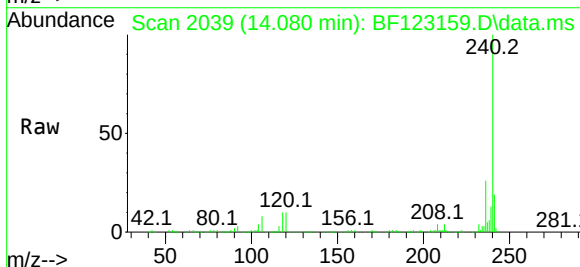


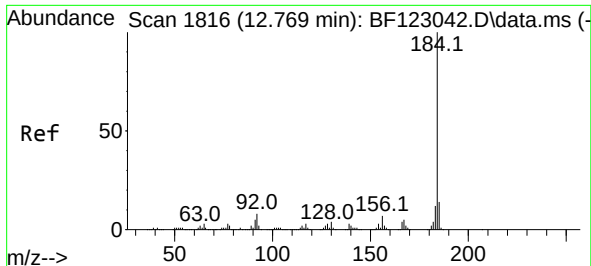
Tgt Ion:248 Resp: 40288
Ion Ratio Lower Upper
248 100
250 197.7 76.8 115.2#
141 441.5 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123159.D
Acq: 9 Feb 2021 11:07

Tgt Ion:240 Resp: 729009
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.6 20.3 30.5

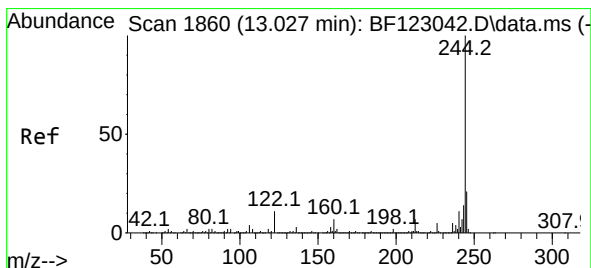
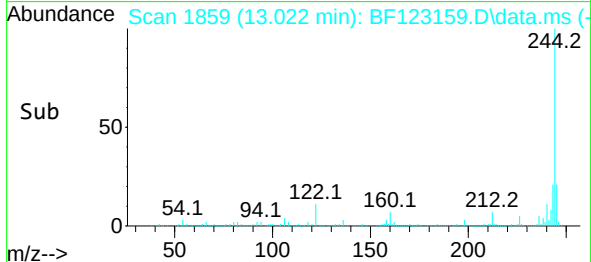
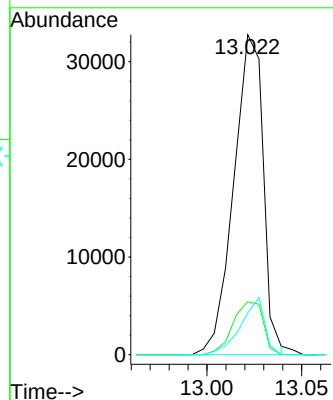
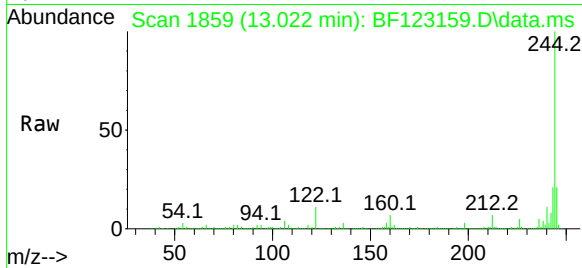




#77
Benzidine
Concen: 2.14 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.253 min
Lab File: BF123159.D
Acq: 9 Feb 2021 11:07

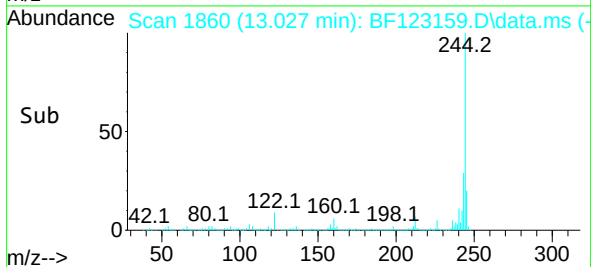
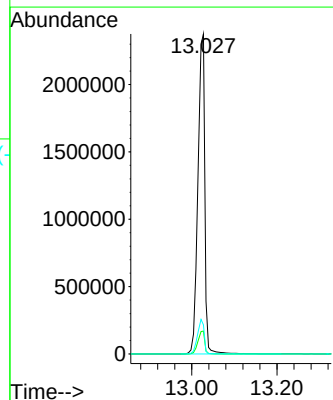
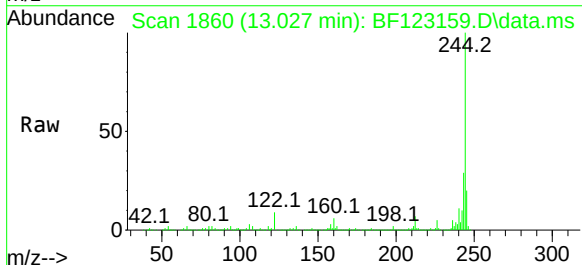
Instrument :
BNA_F
ClientSampleId :
PB134517TB

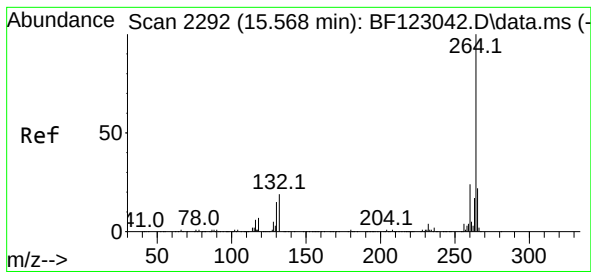
Tgt Ion:184 Resp: 35363
Ion Ratio Lower Upper
184 100
185 16.6 11.8 17.6
183 13.0 9.7 14.5



#79
Terphenyl-d14
Concen: 71.97 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123159.D
Acq: 9 Feb 2021 11:07

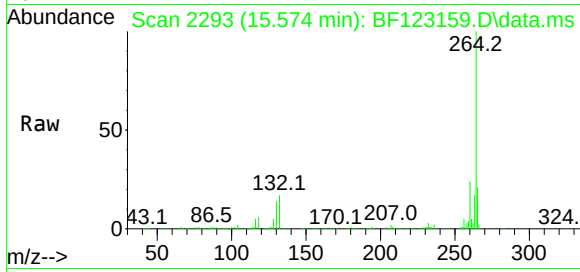
Tgt Ion:244 Resp: 2670351
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.1 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF123159.D
Acq: 9 Feb 2021 11:07

Instrument :
BNA_F
ClientSampleId :
PB134517TB



Tgt Ion:264 Resp: 639235

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	28.0
265	20.9	17.0	25.6

