

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
 Data File : BF123165.D
 Acq On : 9 Feb 2021 15:23
 Operator : JU/CG
 Sample : M1337-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLASSIC BH 01 0.5-2

Quant Time: Feb 09 16:22:03 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)

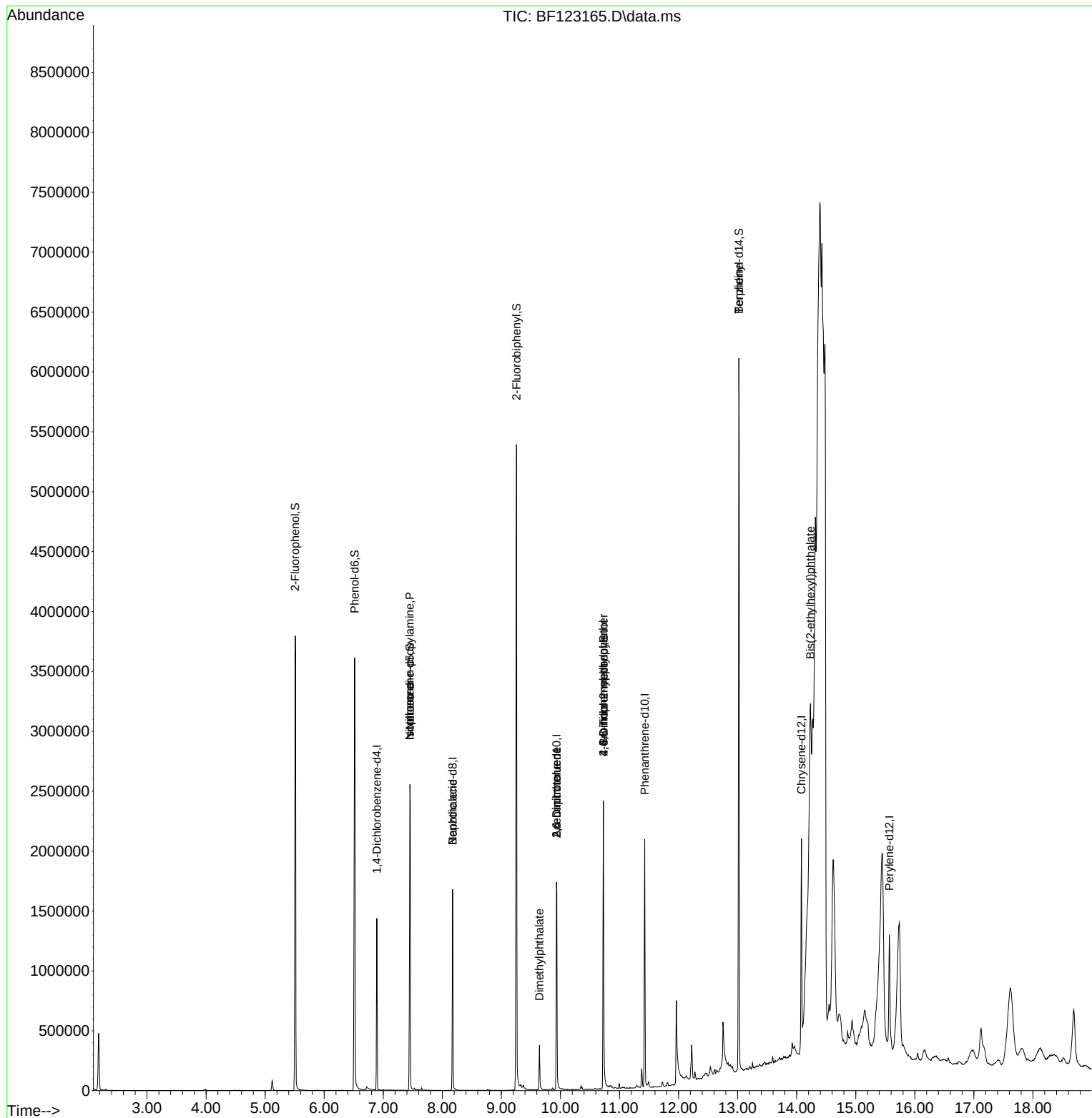
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	186182	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	728826	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	399819	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	727060	20.00	ng	0.00
76) Chrysene-d12	14.080	240	593803	20.00	ng	0.00
86) Perylene-d12	15.568	264	463463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1186304	98.29	ng	0.00
7) Phenol-d6	6.516	99	1483826	90.70	ng	0.00
23) Nitrobenzene-d5	7.451	82	942612	65.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	315160	72.61	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1801467	66.98	ng	0.00
79) Terphenyl-d14	13.022	244	2082084	68.89	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	128148	13.03	ng	# 80
25) Isophorone	7.451	82	942602	35.53	ng	# 65
32) Benzoic acid	8.175	122	140	4.93	ng	# 1
50) Dimethylphthalate	9.645	163	158173	5.04	ng	99
51) 2,6-Dinitrotoluene	9.933	165	51658	7.73	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	51835	5.96	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	612	5.11	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	20352	2.20	ng	# 1
77) Benzidine	13.022	184	27151	2.02	ng	# 88
84) Bis(2-ethylhexyl)phtha...	14.233	149	154595	6.03	ng	# 77

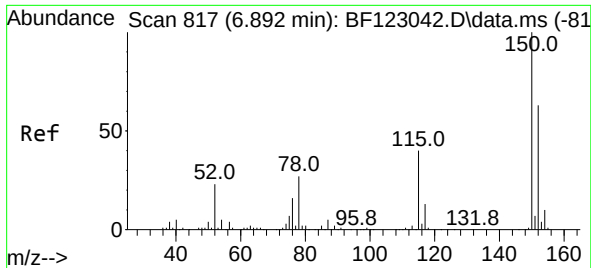
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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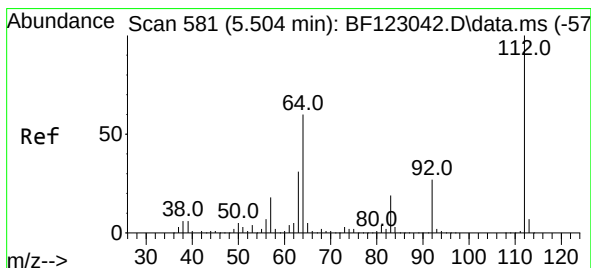
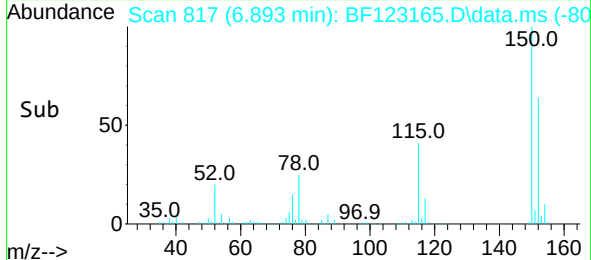
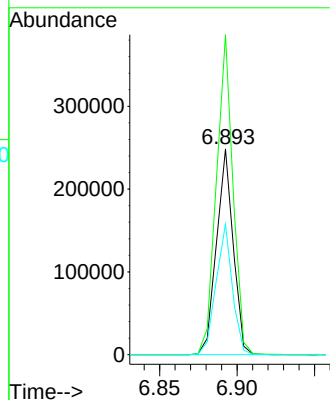
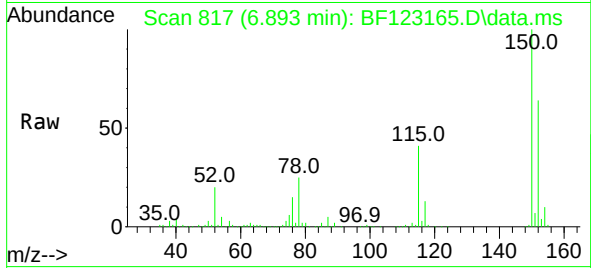




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

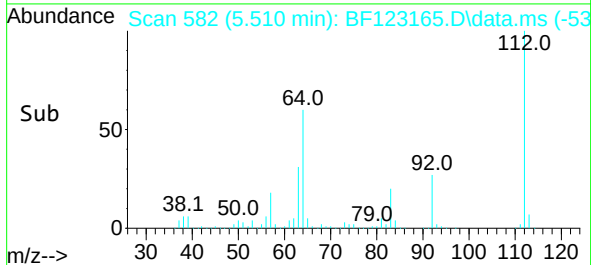
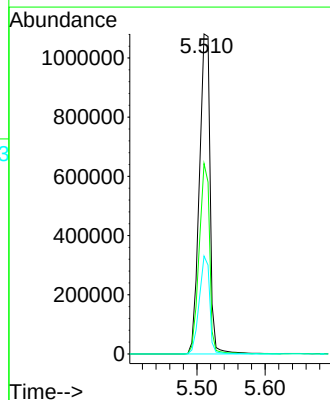
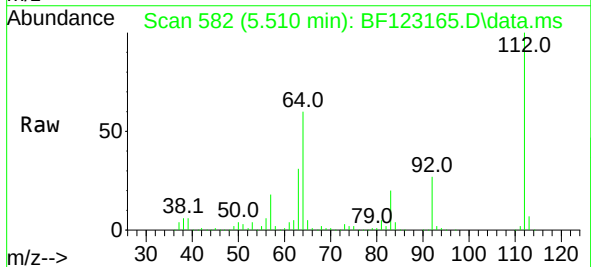
Instrument :
BNA_F
ClientSampleId :
CLASSIC BH 01 0.5-2

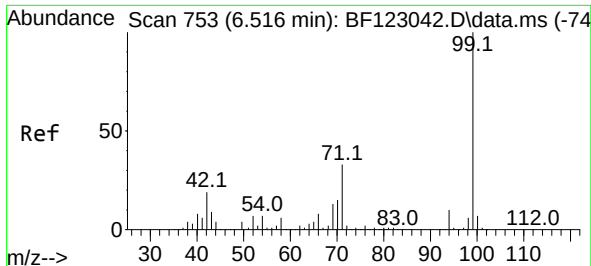
Tgt Ion:152 Resp: 186182
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 63.4 49.3 73.9



#5
2-Fluorophenol
Concen: 98.29 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

Tgt Ion:112 Resp: 1186304
Ion Ratio Lower Upper
112 100
64 59.5 46.9 70.3
63 30.6 24.5 36.7

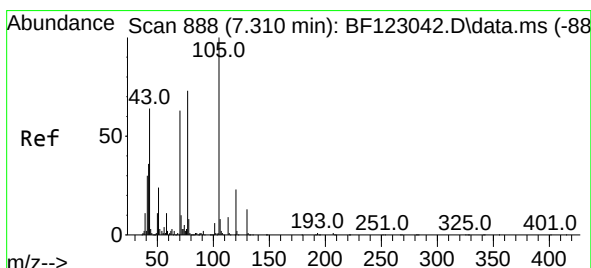
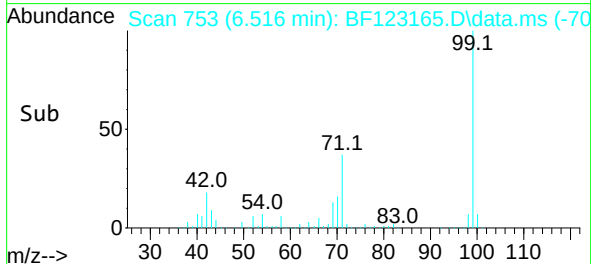
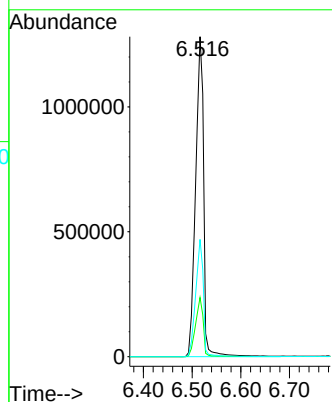
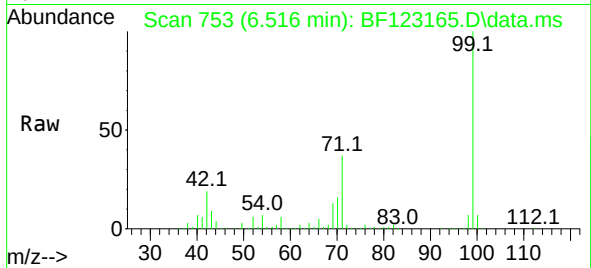




#7
Phenol-d6
Concen: 90.70 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

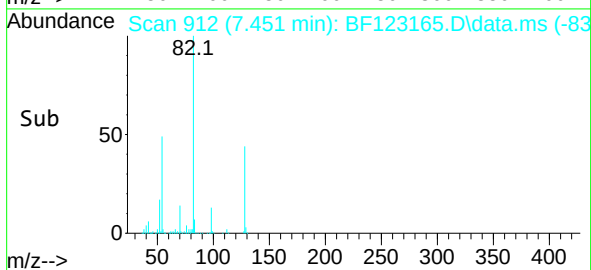
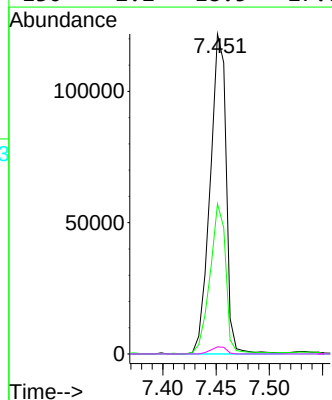
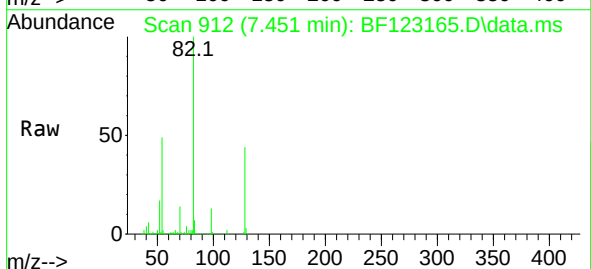
Instrument :
BNA_F
ClientSampleId :
CLASSIC BH 01 0.5-2

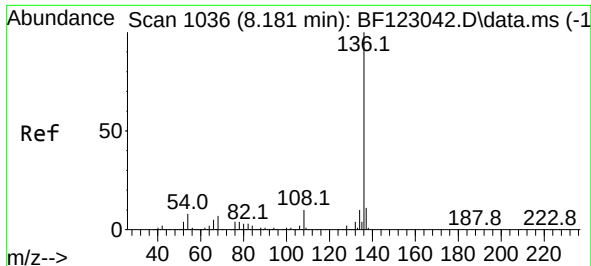
Tgt Ion: 99 Resp: 1483826
Ion Ratio Lower Upper
99 100
42 18.5 13.8 20.6
71 36.7 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.03 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

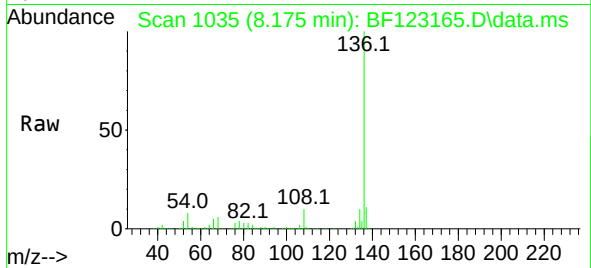
Tgt Ion: 70 Resp: 128148
Ion Ratio Lower Upper
70 100
42 46.9 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



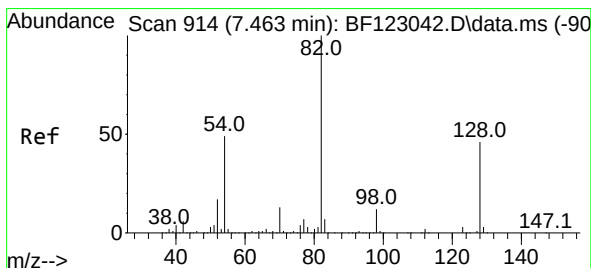
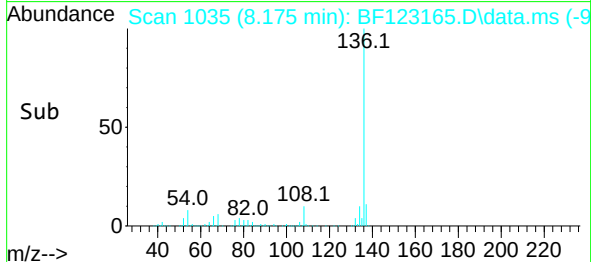
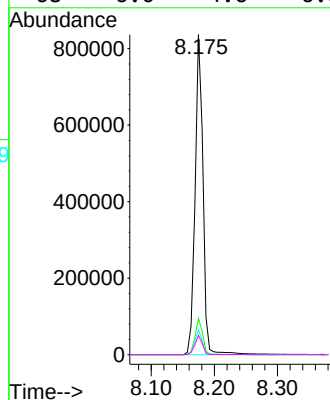


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

Instrument :
BNA_F
ClientSampleId :
CLASSIC BH 01 0.5-2

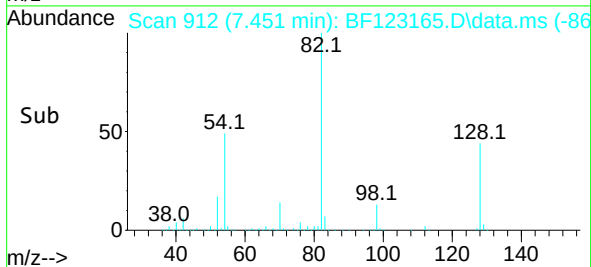
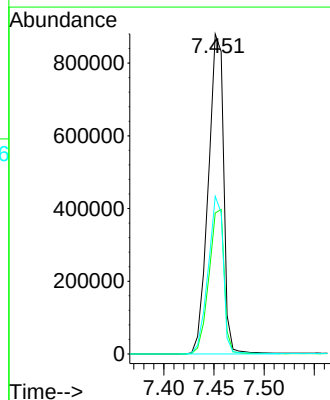
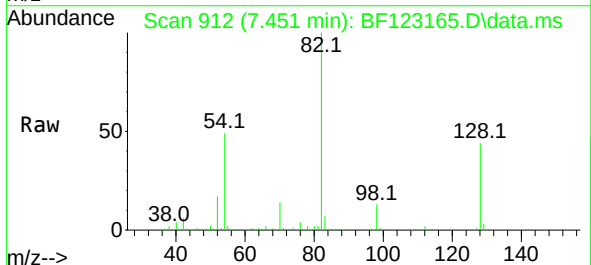


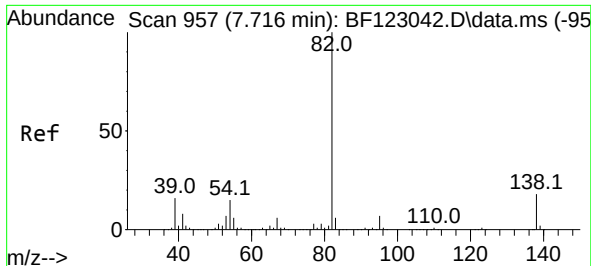
Tgt Ion:136 Resp: 728826
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.8 5.5 8.3
68 6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 65.09 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

Tgt Ion: 82 Resp: 942612
Ion Ratio Lower Upper
82 100
128 44.1 37.0 55.4
54 49.3 38.4 57.6

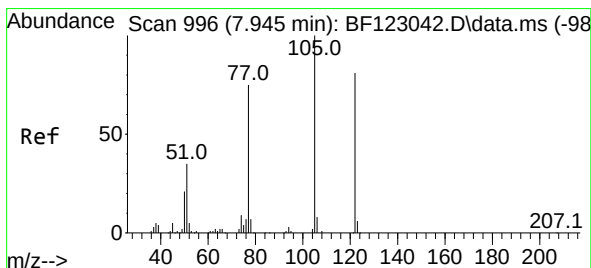
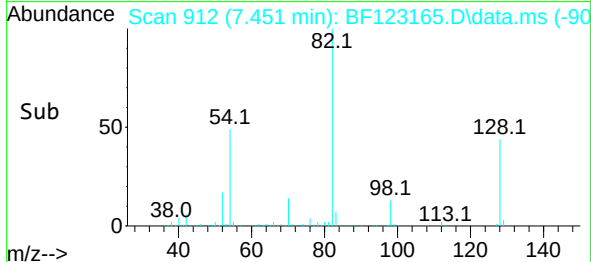
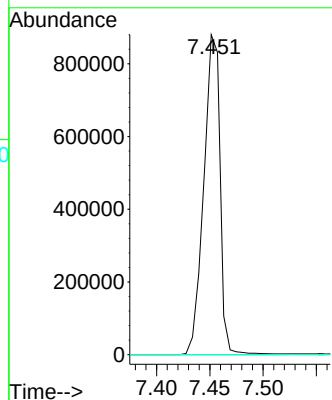
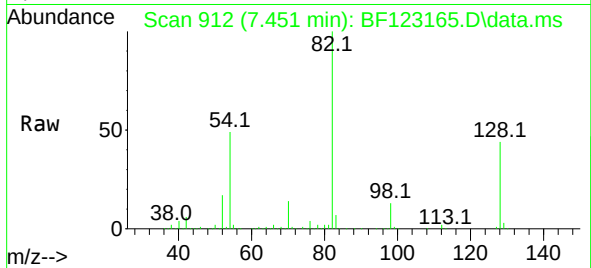




#25
Isophorone
Concen: 35.53 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

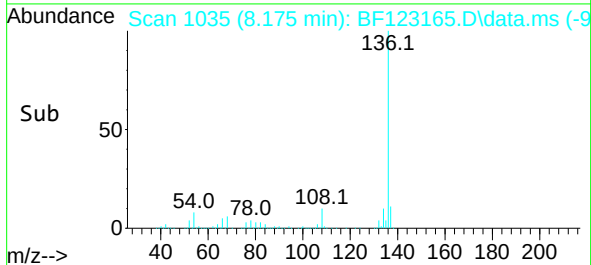
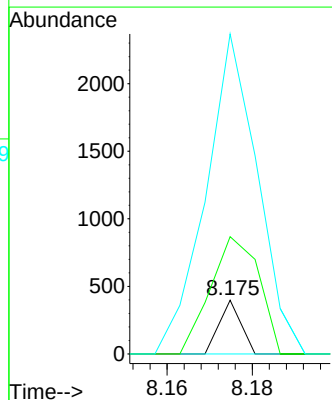
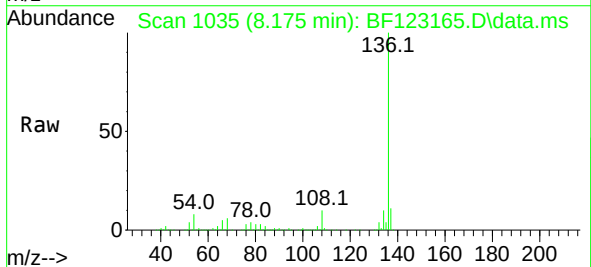
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ClientSampleId :
CLASSIC BH 01 0.5-2

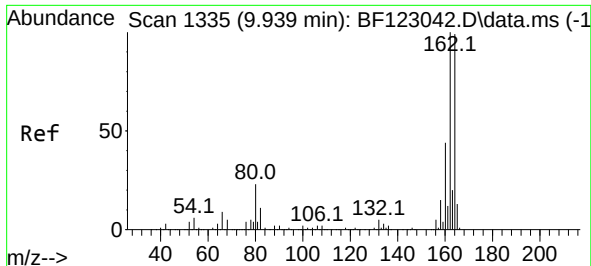
Tgt Ion: 82 Resp: 942602
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 4.93 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.230 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

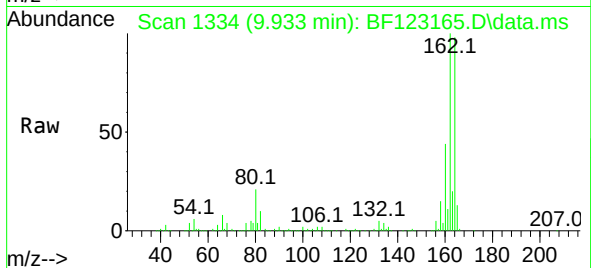
Tgt Ion: 122 Resp: 140
Ion Ratio Lower Upper
122 100
105 218.1 104.8 144.8#
77 595.0 71.0 111.0#



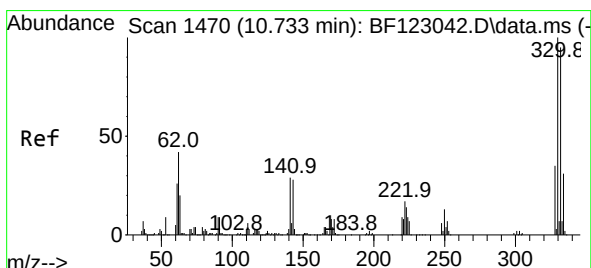
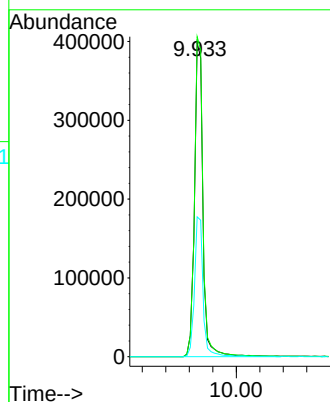
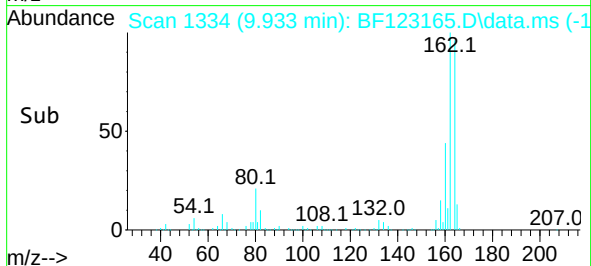


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

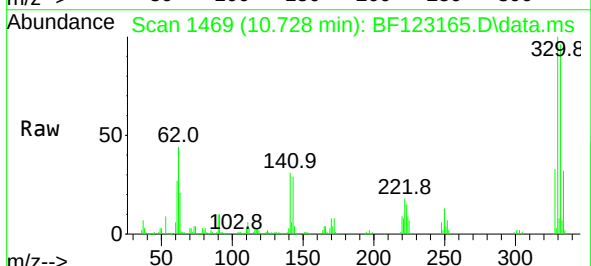
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ClientSampleId :
CLASSIC BH 01 0.5-2



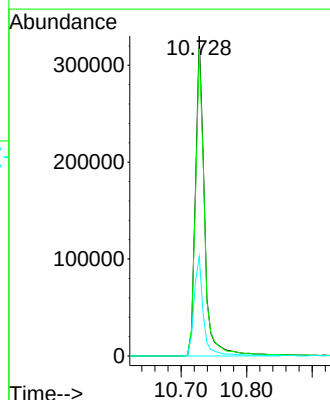
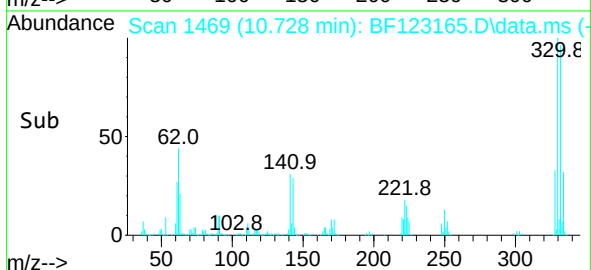
Tgt Ion:164 Resp: 399819
Ion Ratio Lower Upper
164 100
162 101.9 80.8 121.2
160 44.5 35.4 53.0

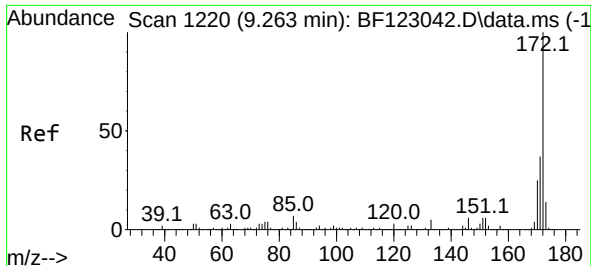


#42
2,4,6-Tribromophenol
Concen: 72.61 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23



Tgt Ion:330 Resp: 315160
Ion Ratio Lower Upper
330 100
332 98.3 77.5 116.3
141 32.5 23.8 35.8

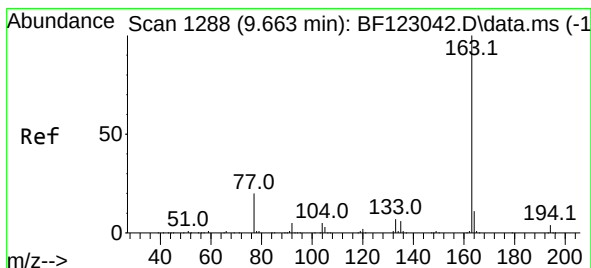
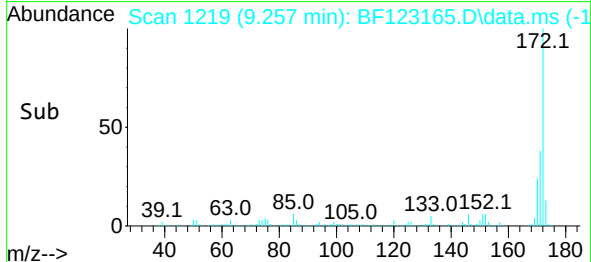
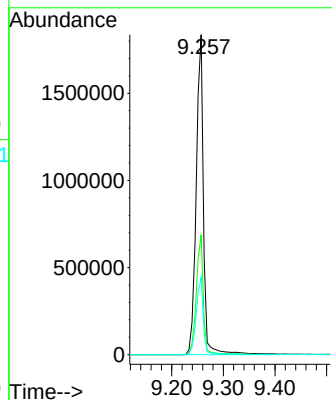
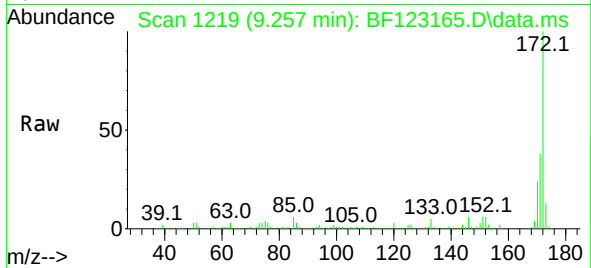




#45
2-Fluorobiphenyl
Concen: 66.98 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

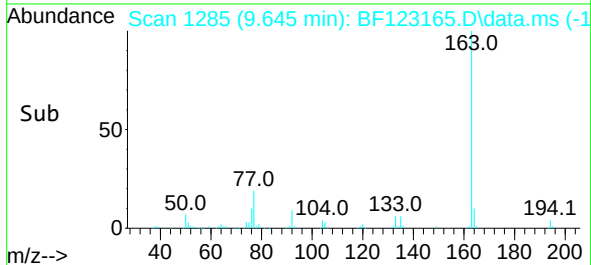
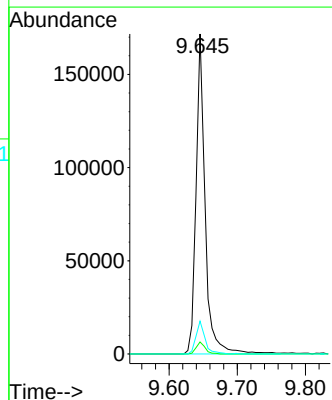
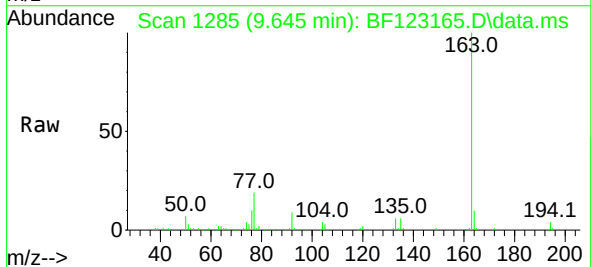
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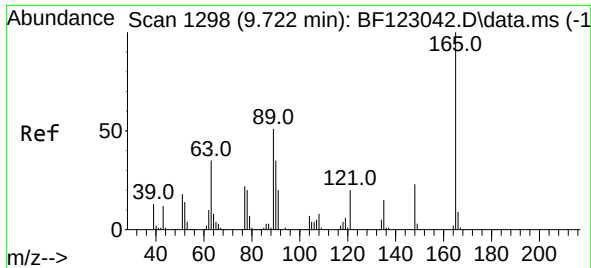
Tgt Ion:172 Resp: 1801467
Ion Ratio Lower Upper
172 100
171 37.5 29.6 44.4
170 24.2 19.5 29.3



#50
Dimethylphthalate
Concen: 5.04 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

Tgt Ion:163 Resp: 158173
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.2 8.1 12.1

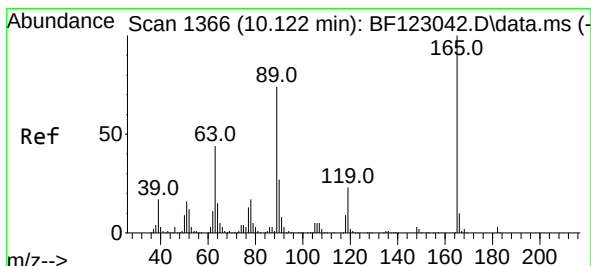
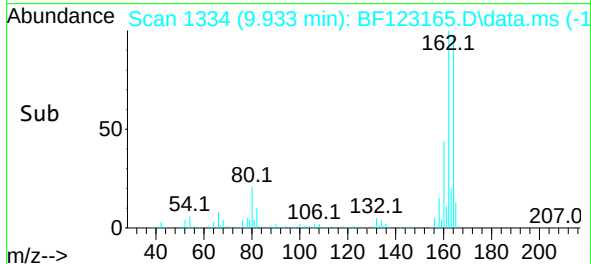
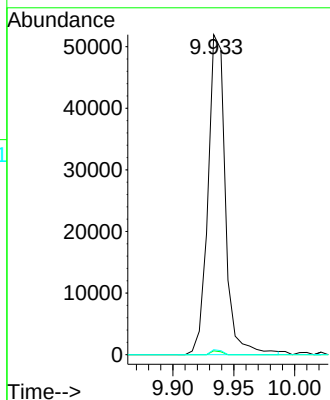
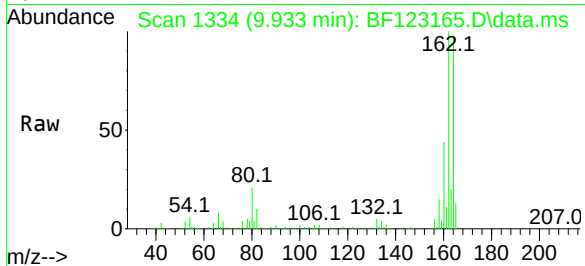




#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

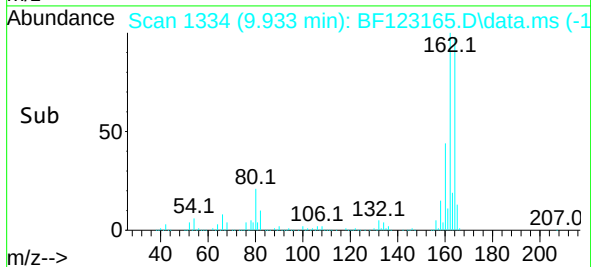
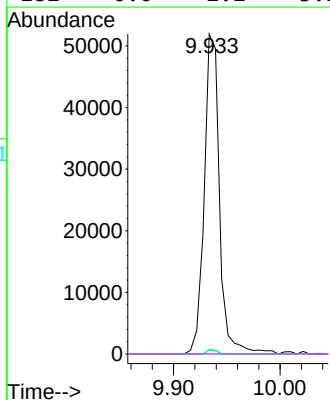
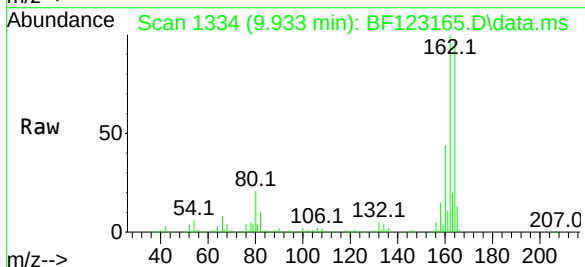
Instrument :
BNA_F
ClientSampleId :
CLASSIC BH 01 0.5-2

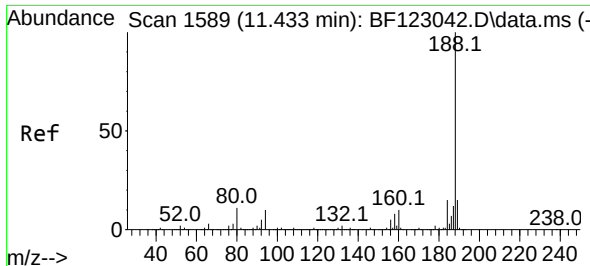
Tgt Ion:165 Resp: 51658
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

Tgt Ion:165 Resp: 51835
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#

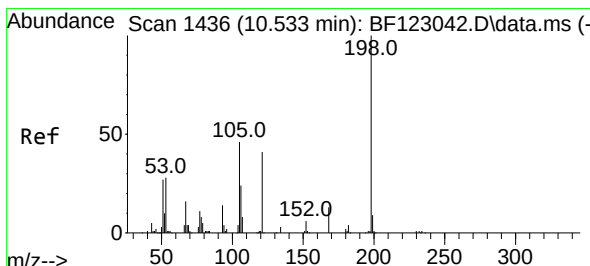
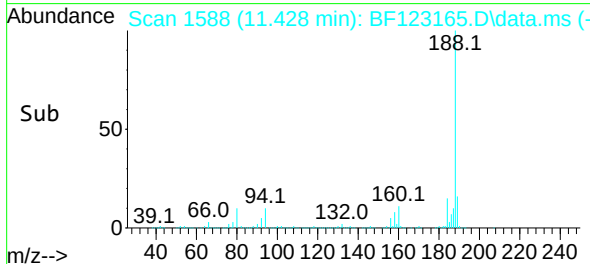
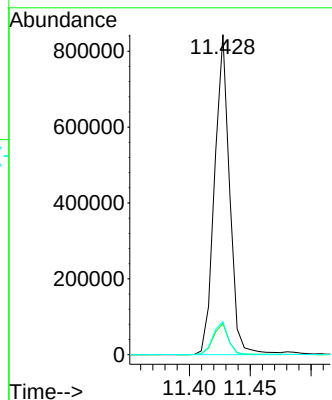
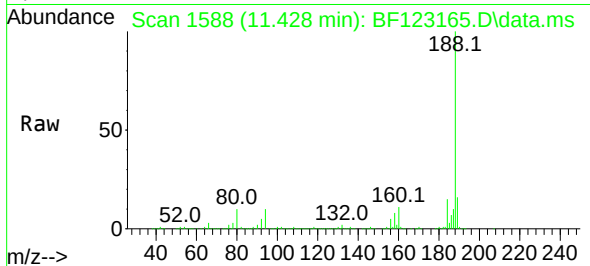




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

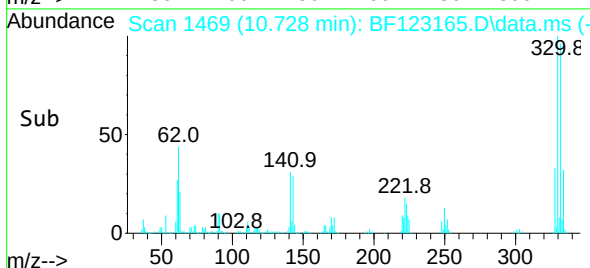
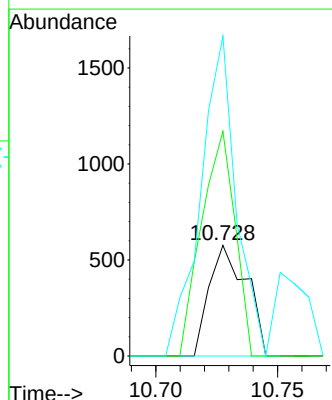
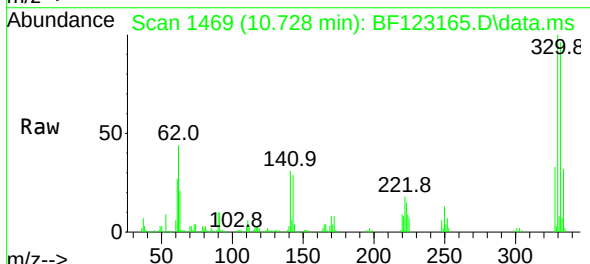
Instrument :
BNA_F
ClientSampleId :
CLASSIC BH 01 0.5-2

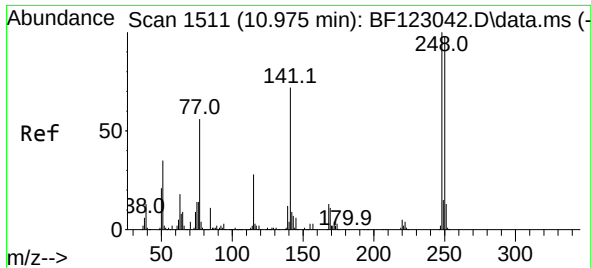
Tgt Ion:188 Resp: 727060
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.4 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.11 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.195 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

Tgt Ion:198 Resp: 612
Ion Ratio Lower Upper
198 100
51 203.1 20.3 60.3#
105 289.4 23.0 63.0#

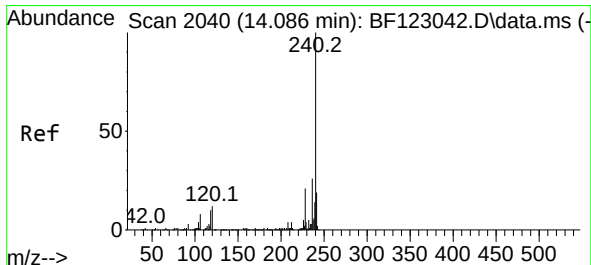
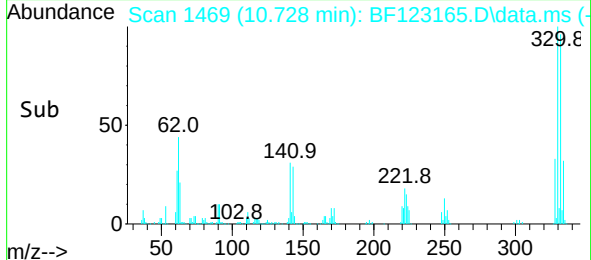
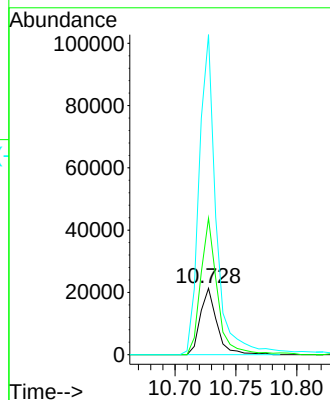
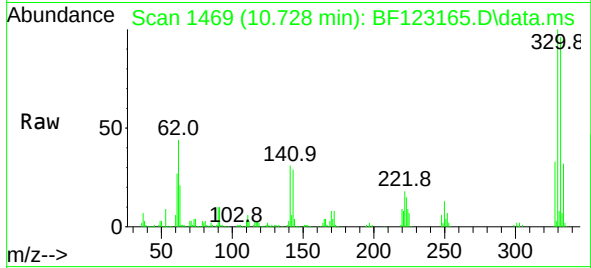




#67
4-Bromophenyl-phenylether
Concen: 2.20 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

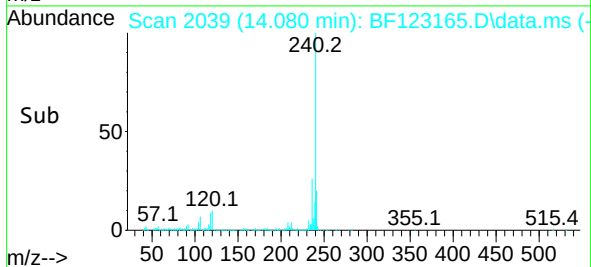
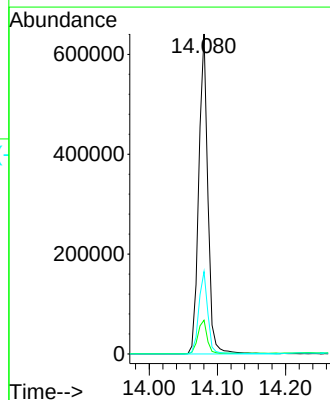
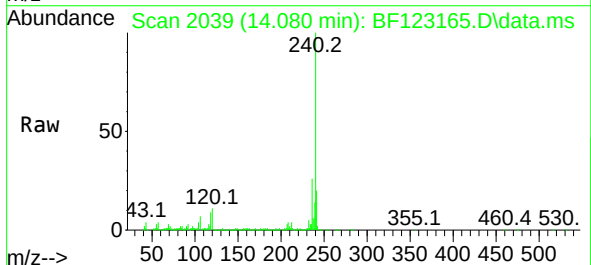
Instrument :
BNA_F
ClientSampleId :
CLASSIC BH 01 0.5-2

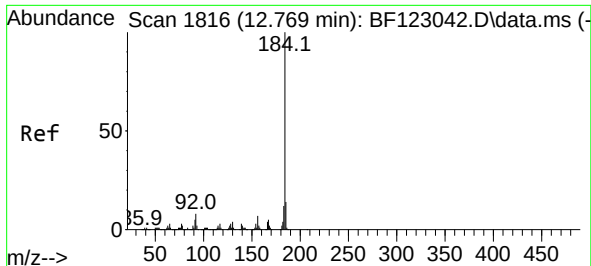
Tgt Ion:248 Resp: 20352
Ion Ratio Lower Upper
248 100
250 205.2 76.8 115.2#
141 481.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

Tgt Ion:240 Resp: 593803
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.8 20.3 30.5

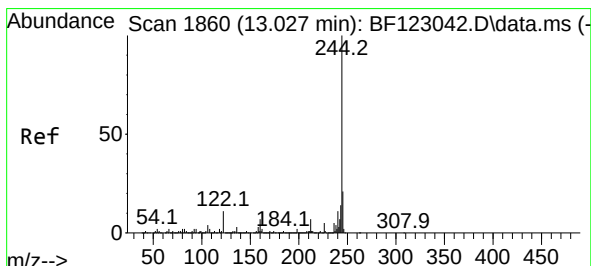
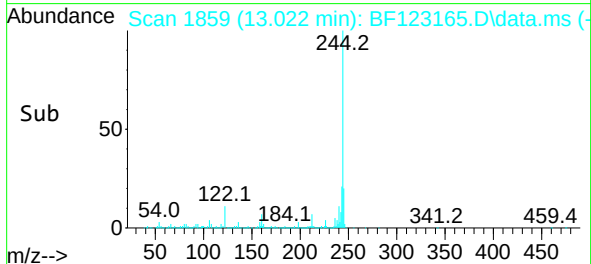
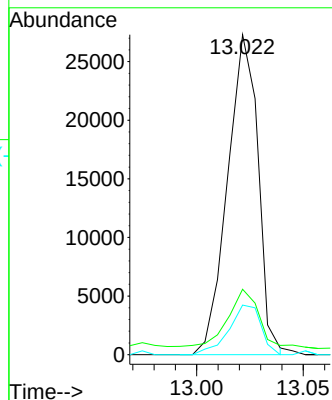
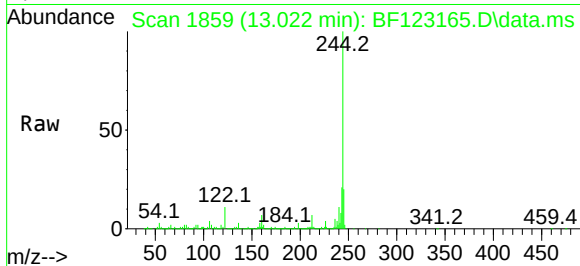




#77
Benzidine
Concen: 2.02 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.253 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

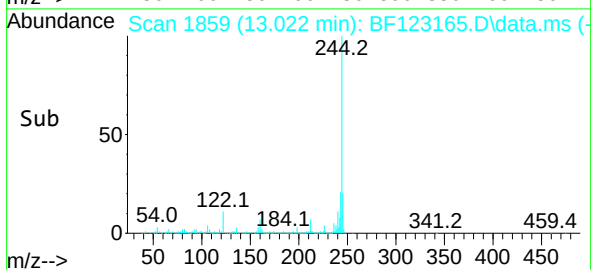
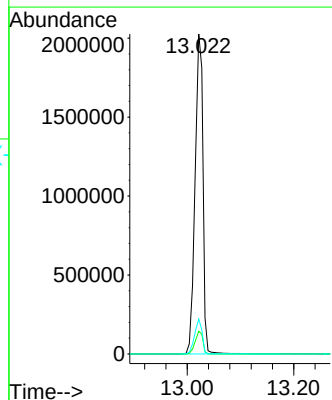
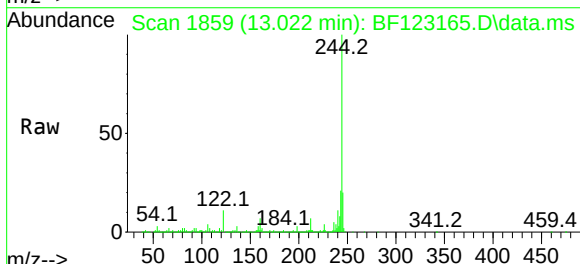
Instrument :
BNA_F
ClientSampleId :
CLASSIC BH 01 0.5-2

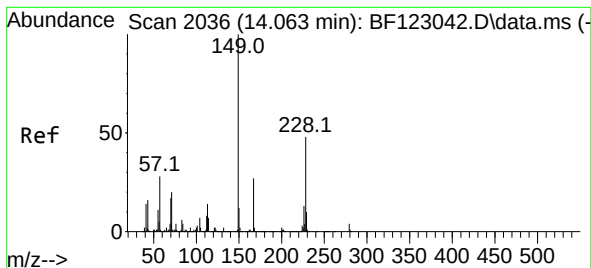
Tgt Ion:184 Resp: 27151
Ion Ratio Lower Upper
184 100
185 20.5 11.8 17.6#
183 15.5 9.7 14.5#



#79
Terphenyl-d14
Concen: 68.89 ng
RT: 13.022 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

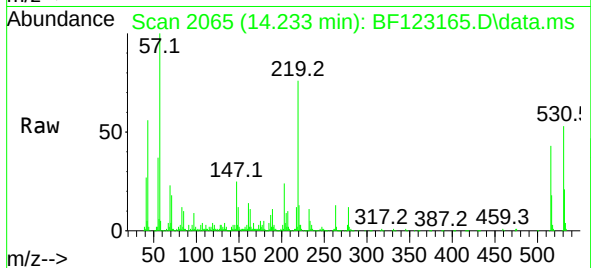
Tgt Ion:244 Resp: 2082084
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.0 8.3 12.5



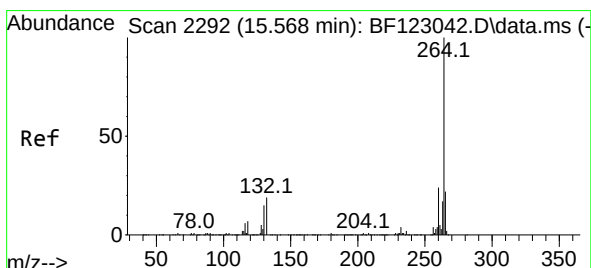
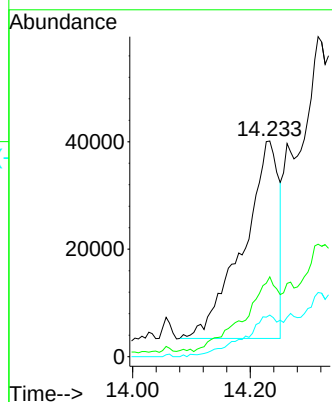
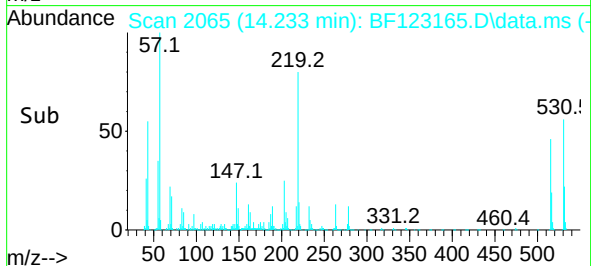


#84
Bis(2-ethylhexyl)phthalate
Concen: 6.03 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.171 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23

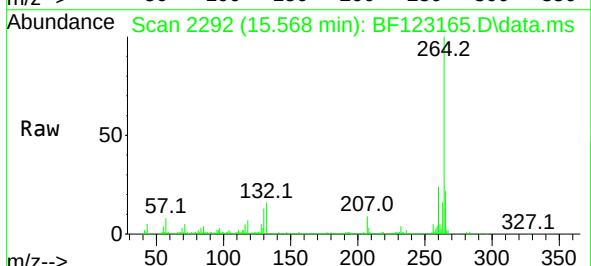
Instrument :
BNA_F
ClientSampleId :
CLASSIC BH 01 0.5-2



Tgt Ion:149 Resp: 154595
Ion Ratio Lower Upper
149 100
167 37.0 21.4 32.2#
279 19.3 3.4 5.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BF123165.D
Acq: 9 Feb 2021 15:23



Tgt Ion:264 Resp: 463463
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 21.9 17.0 25.6

