

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
 Data File : BF123357.D
 Acq On : 3 Mar 2021 15:54
 Operator : JU/CG
 Sample : M1545-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-5

Quant Time: Mar 03 16:20:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 13:18:24 2021
 Response via : Initial Calibration

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

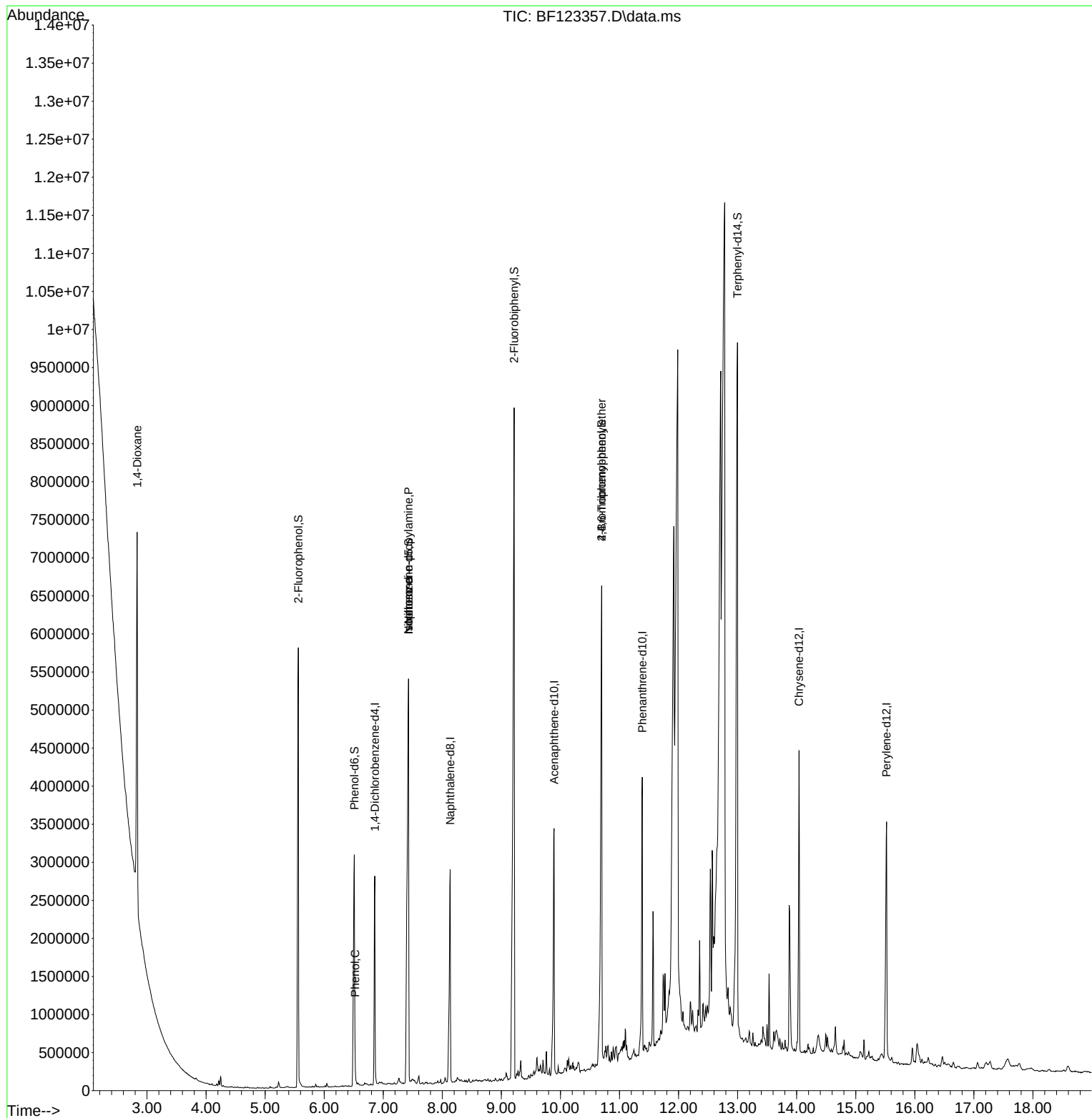
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	435805	20.00	ng	0.01
21) Naphthalene-d8	8.133	136	1780084	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	902575	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1634171	20.00	ng	0.00
76) Chrysene-d12	14.039	240	1475335	20.00	ng	0.00
86) Perylene-d12	15.521	264	1500512	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1768438	58.41	ng	0.09
7) Phenol-d6	6.510	99	1413136	34.36	ng	0.02
23) Nitrobenzene-d5	7.428	82	3288998	84.58	ng	0.01
42) 2,4,6-Tribromophenol	10.698	330	1222700	133.04	ng	0.02
45) 2-Fluorobiphenyl	9.216	172	4834926	76.95	ng	0.00
79) Terphenyl-d14	12.998	244	5038711	65.67	ng	0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.834	88	46086	2.64	ng	# 1
9) Benzaldehyde	6.416	77	3120	Below	Cal	90
10) Phenol	6.522	94	138639	3.09	ng	98
19) n-Nitroso-di-n-propyla...	7.428	70	470676	19.23	ng	# 79
25) Isophorone	7.428	82	2925412	40.23	ng	# 65
67) 4-Bromophenyl-phenylether	10.698	248	82691	4.64	ng	# 1

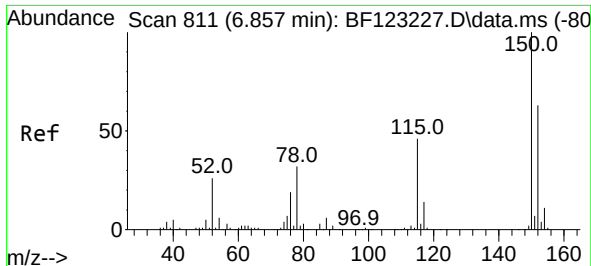
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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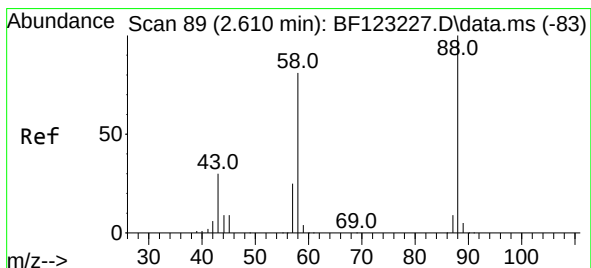
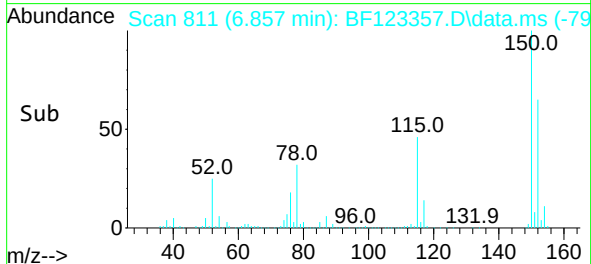
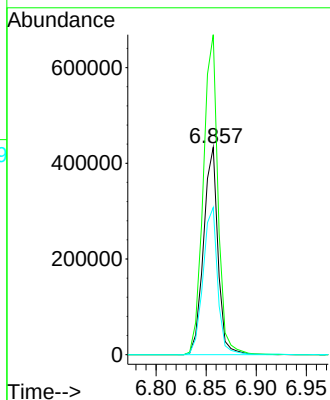
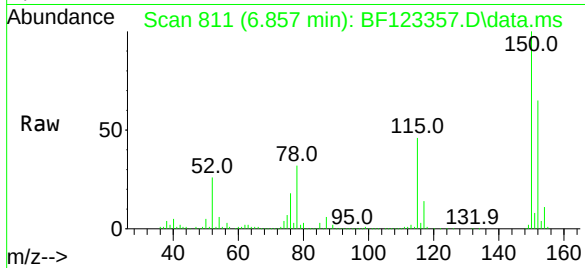




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.012 min
Lab File: BF123357.D
Acq: 3 Mar 2021 15:54

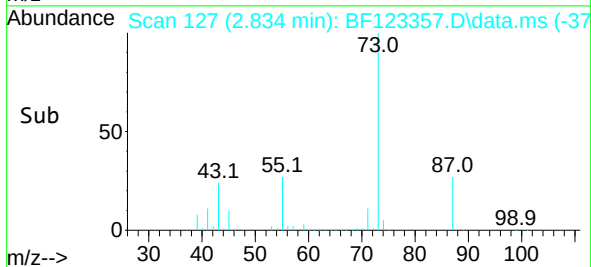
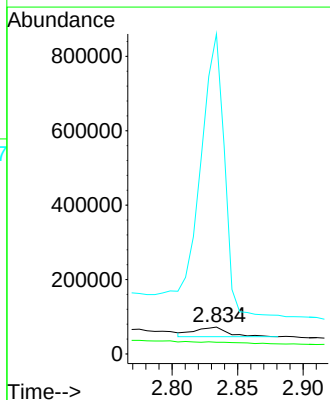
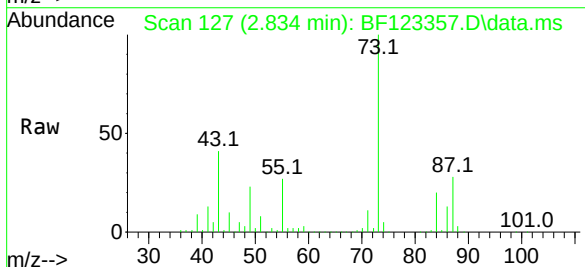
Instrument :
BNA_F
ClientSampled :
MH-5

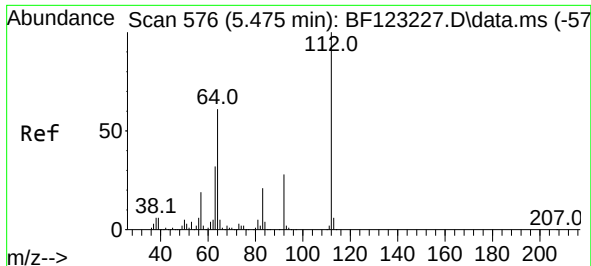
Tgt Ion:152 Resp: 435805
Ion Ratio Lower Upper
152 100
150 154.4 125.8 188.6
115 71.0 49.3 73.9



#2
1,4-Dioxane
Concen: 2.64 ng
RT: 2.834 min Scan# 127
Delta R.T. 0.229 min
Lab File: BF123357.D
Acq: 3 Mar 2021 15:54

Tgt Ion: 88 Resp: 46086
Ion Ratio Lower Upper
88 100
58 0.0 56.2 84.2#
43 2193.0 21.8 32.6#

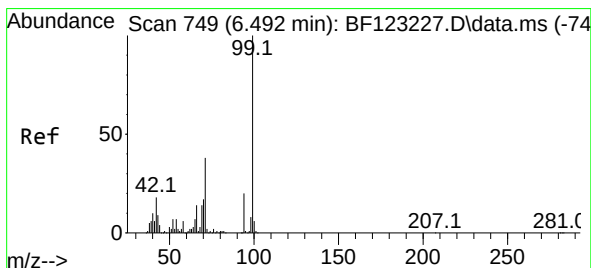
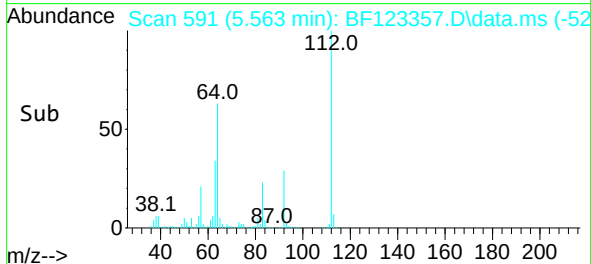
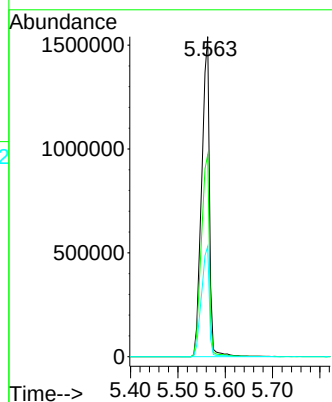
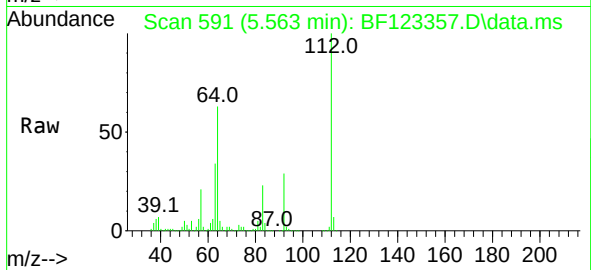




#5
2-Fluorophenol
Concen: 58.41 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.094 min
Lab File: BF123357.D
Acq: 3 Mar 2021 15:54

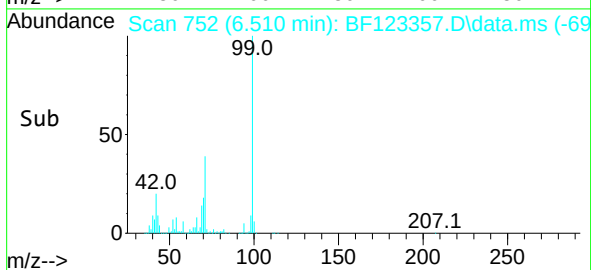
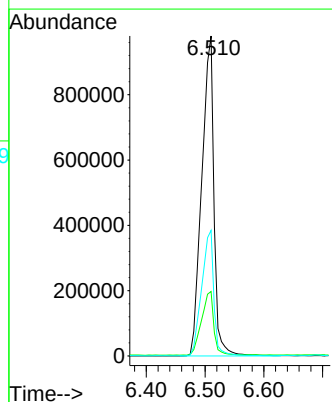
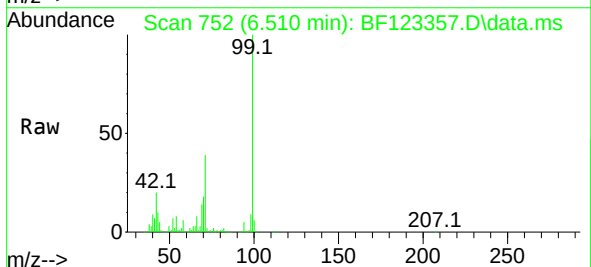
Instrument :
BNA_F
ClientSampleId :
MH-5

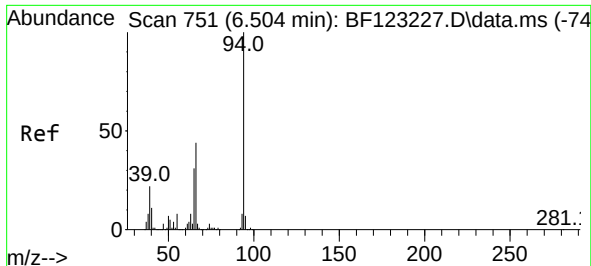
Tgt Ion:112 Resp: 1768438
Ion Ratio Lower Upper
112 100
64 63.1 46.9 70.3
63 34.5 24.5 36.7



#7
Phenol-d6
Concen: 34.36 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.023 min
Lab File: BF123357.D
Acq: 3 Mar 2021 15:54

Tgt Ion: 99 Resp: 1413136
Ion Ratio Lower Upper
99 100
42 20.1 13.8 20.6
71 39.3 26.9 40.3

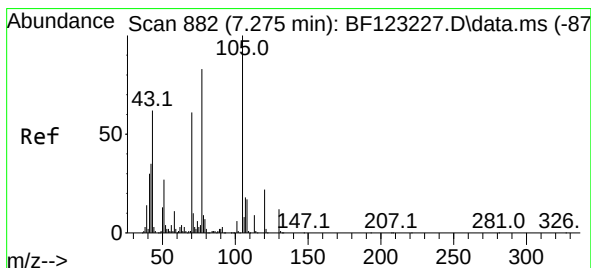
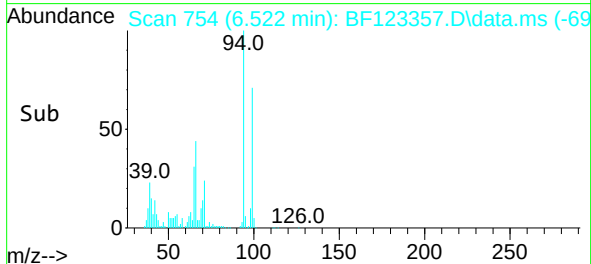
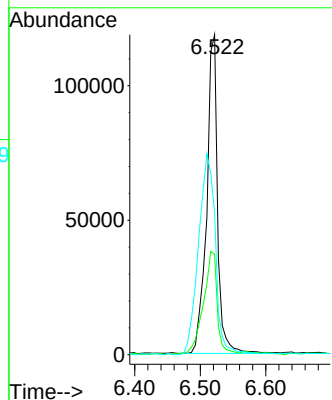
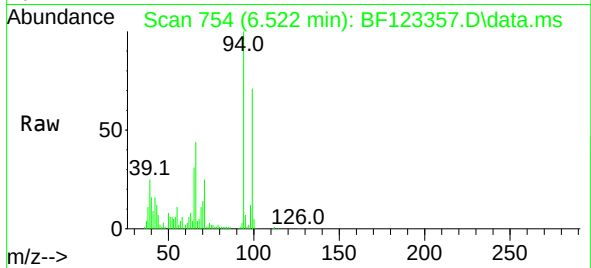




#10
Phenol
Concen: 3.09 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.023 min
Lab File: BF123357.D
Acq: 3 Mar 2021 15:54

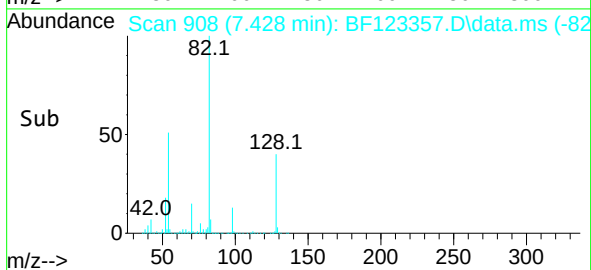
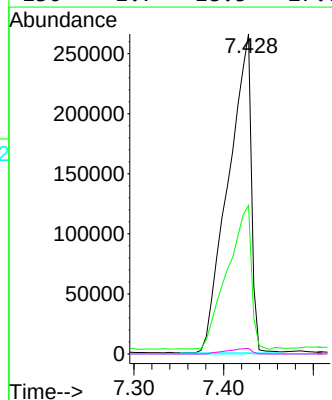
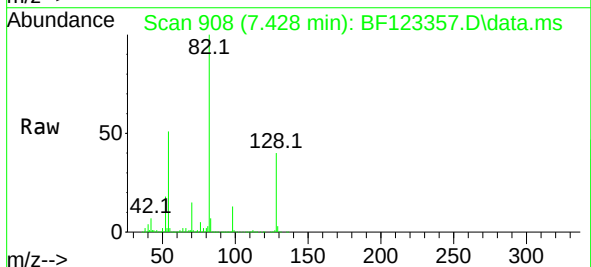
Instrument :
BNA_F
ClientSampleId :
MH-5

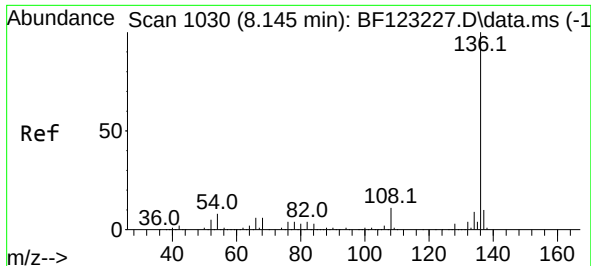
Tgt Ion: 94 Resp: 138639
Ion Ratio Lower Upper
94 100
65 31.4 11.2 51.2
66 44.3 25.8 65.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.23 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.165 min
Lab File: BF123357.D
Acq: 3 Mar 2021 15:54

Tgt Ion: 70 Resp: 470676
Ion Ratio Lower Upper
70 100
42 46.4 43.0 64.4
101 0.1 7.9 11.9#
130 1.7 18.5 27.7#

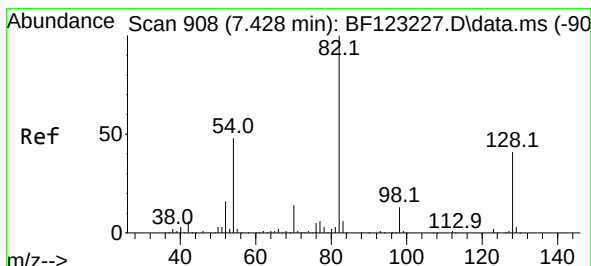
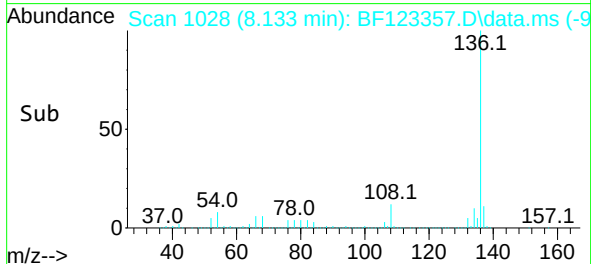
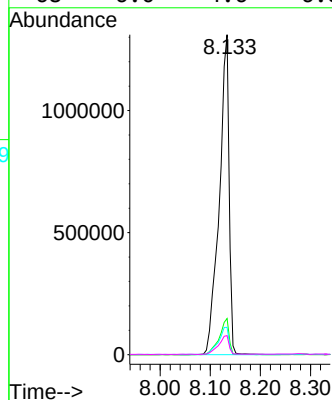
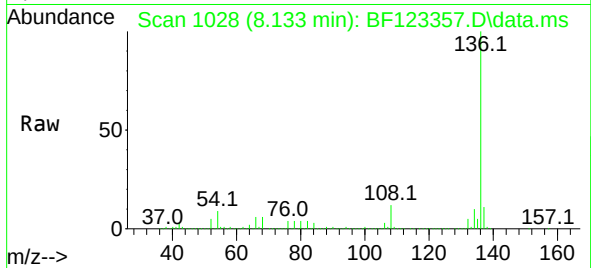




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF123357.D
Acq: 3 Mar 2021 15:54

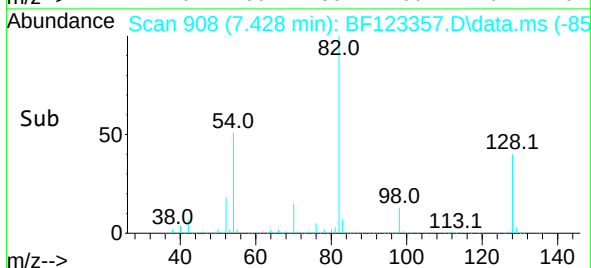
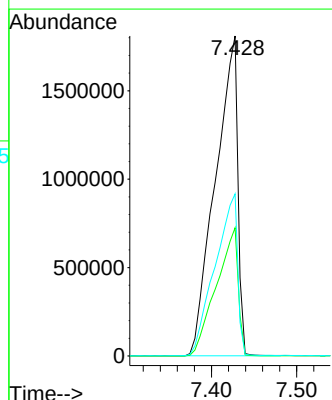
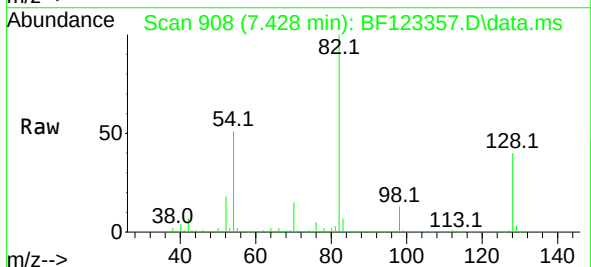
Instrument :
BNA_F
ClientSampled :
MH-5

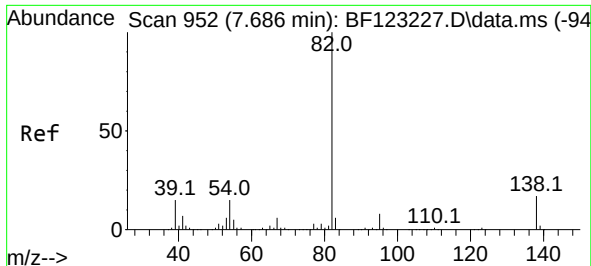
Tgt Ion:136 Resp: 1780084
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.6 5.5 8.3#
68 6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 84.58 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.012 min
Lab File: BF123357.D
Acq: 3 Mar 2021 15:54

Tgt Ion: 82 Resp: 3288998
Ion Ratio Lower Upper
82 100
128 40.0 37.0 55.4
54 50.6 38.4 57.6

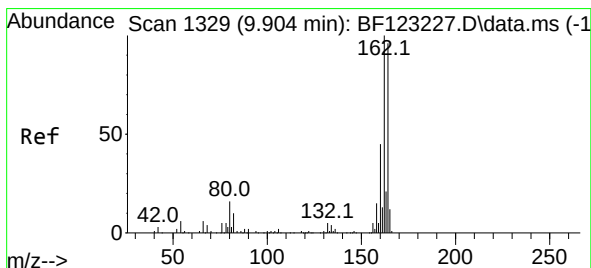
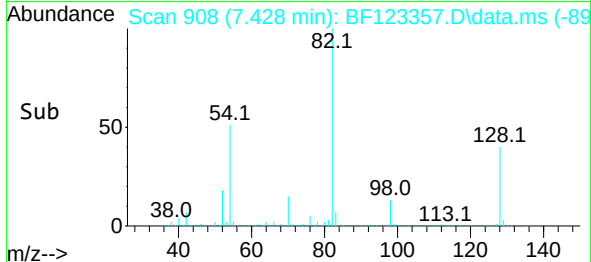
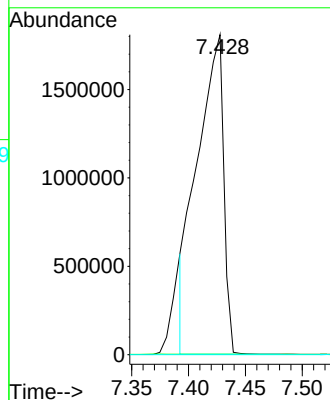
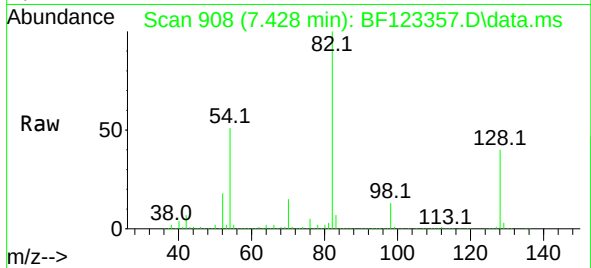




#25
Isophorone
Concen: 40.23 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.247 min
Lab File: BF123357.D
Acq: 3 Mar 2021 15:54

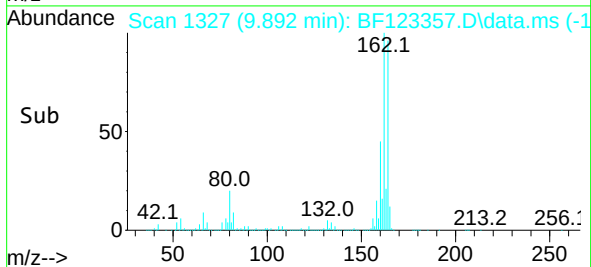
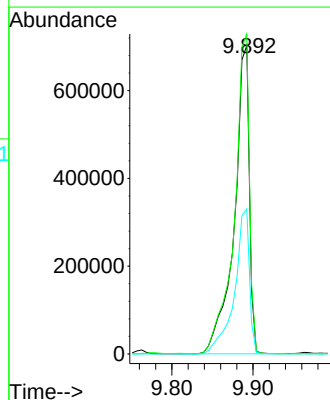
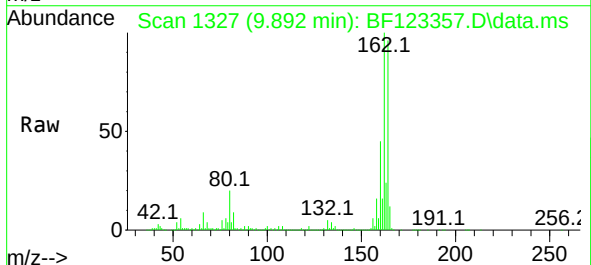
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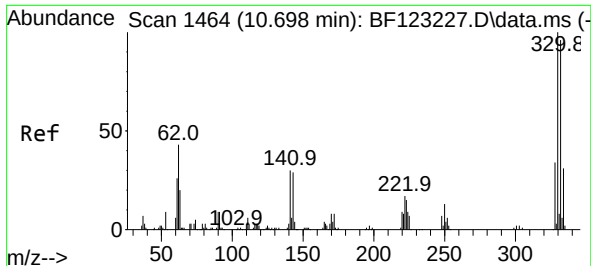
Tgt Ion: 82 Resp: 2925412
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF123357.D
Acq: 3 Mar 2021 15:54

Tgt Ion:164 Resp: 902575
Ion Ratio Lower Upper
164 100
162 103.7 80.8 121.2
160 47.0 35.4 53.0

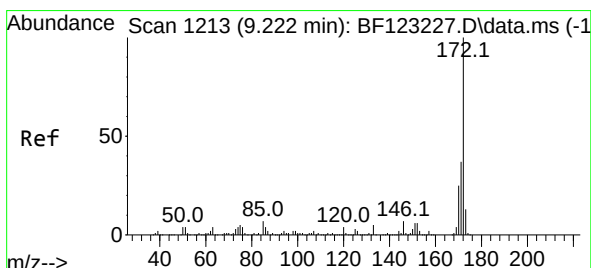
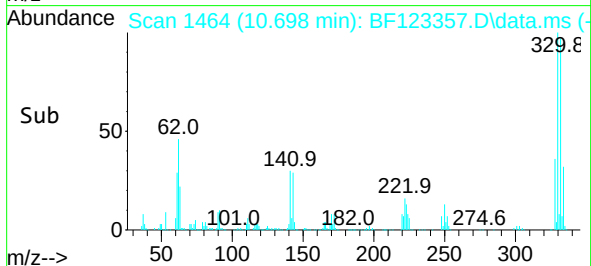
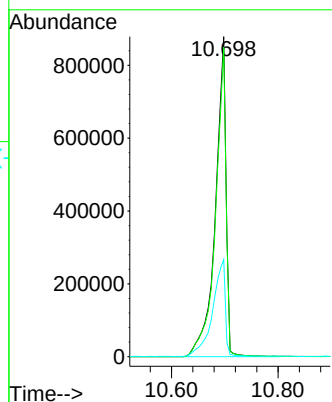
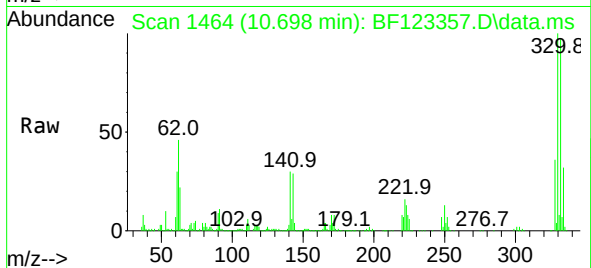




#42
2,4,6-Tribromophenol
Concen: 133.04 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.018 min
Lab File: BF123357.D
Acq: 3 Mar 2021 15:54

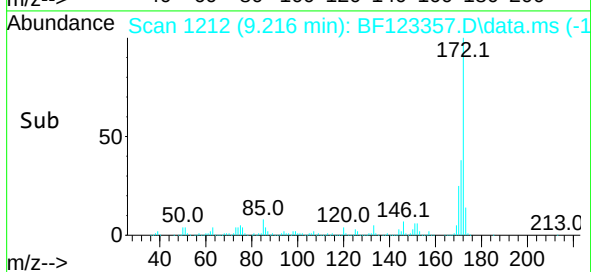
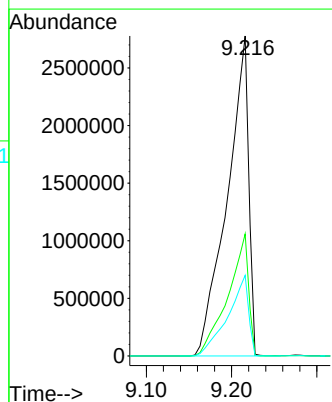
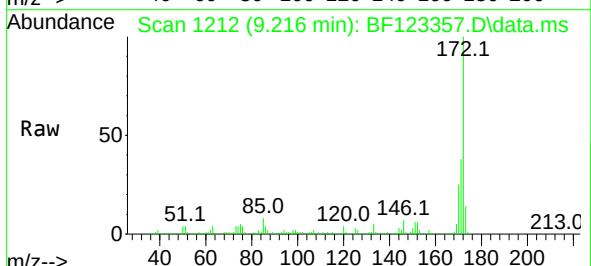
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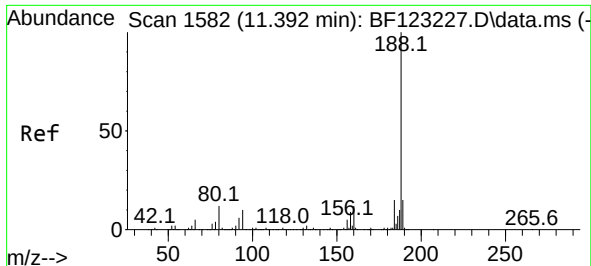
Tgt Ion:330 Resp: 1222700
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 36.0 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 76.95 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BF123357.D
Acq: 3 Mar 2021 15:54

Tgt Ion:172 Resp: 4834926
Ion Ratio Lower Upper
172 100
171 38.1 29.6 44.4
170 25.2 19.5 29.3

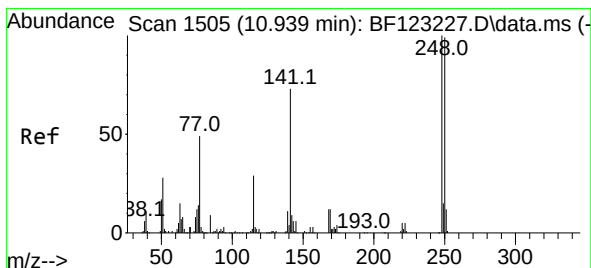
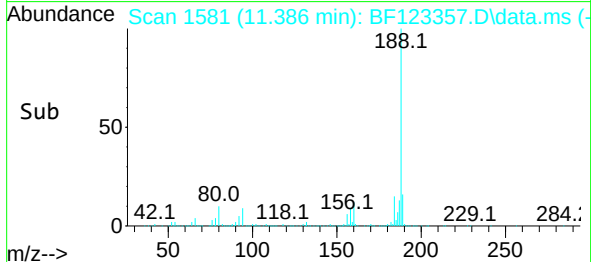
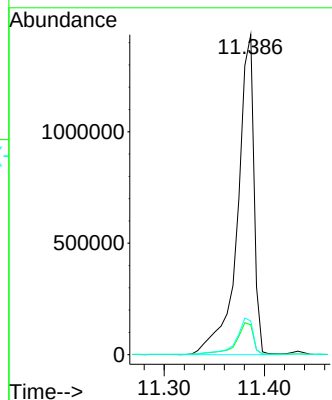
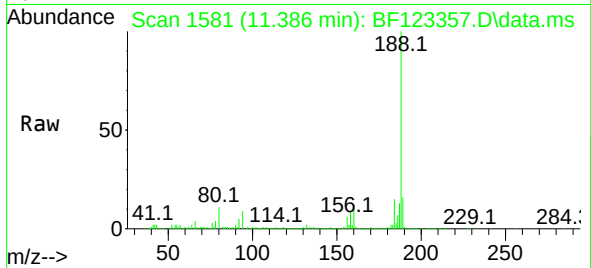




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF123357.D
Acq: 3 Mar 2021 15:54

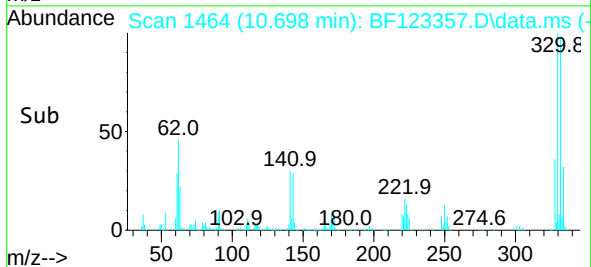
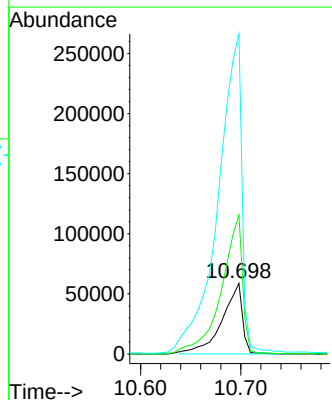
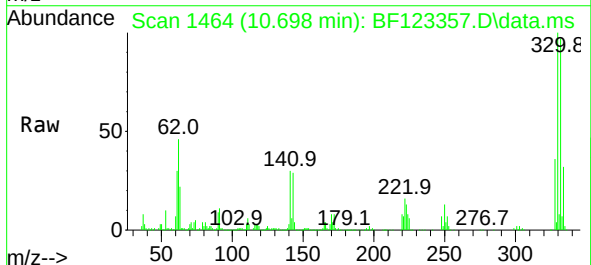
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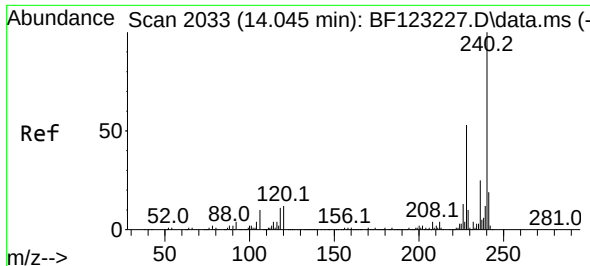
Tgt Ion:188 Resp: 1634171
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.5 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.64 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.224 min
Lab File: BF123357.D
Acq: 3 Mar 2021 15:54

Tgt Ion:248 Resp: 82691
Ion Ratio Lower Upper
248 100
250 197.0 76.8 115.2#
141 453.3 59.8 89.8#

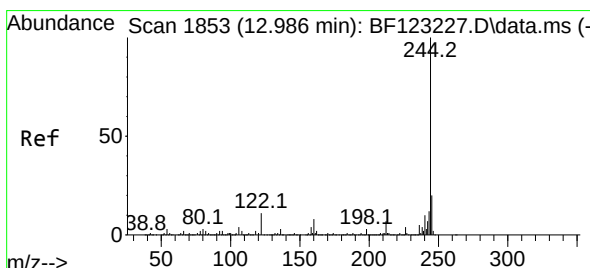
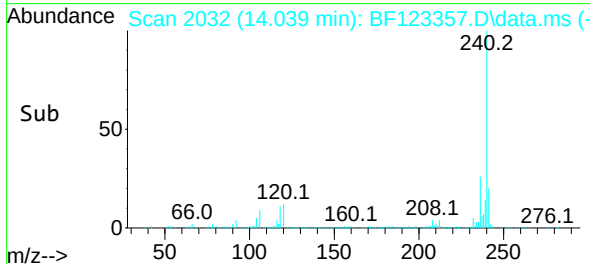
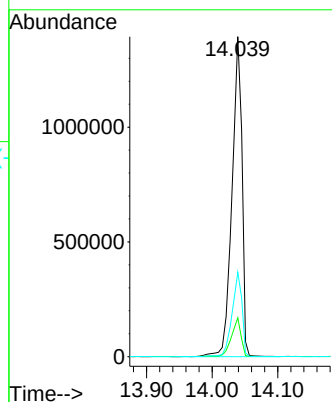
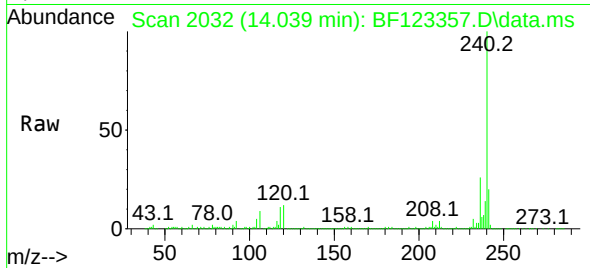




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF123357.D
Acq: 3 Mar 2021 15:54

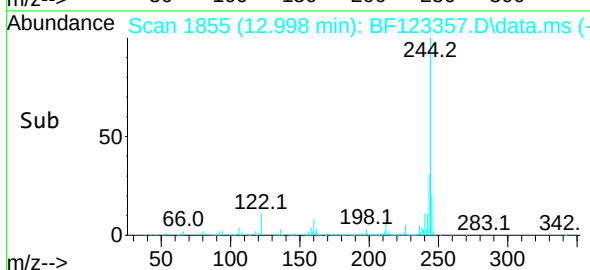
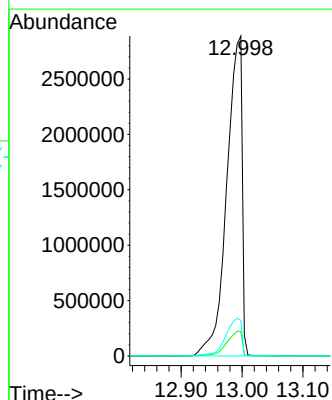
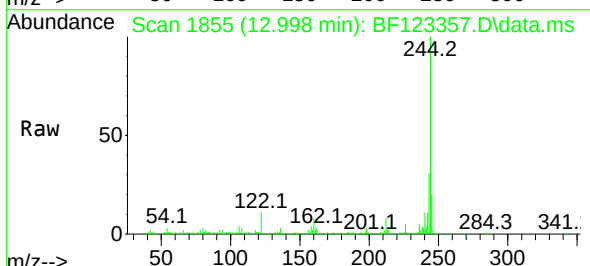
Instrument :
BNA_F
ClientSampleId :
MH-5

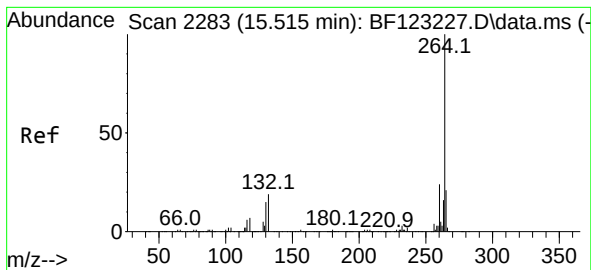
Tgt Ion:240 Resp: 1475335
Ion Ratio Lower Upper
240 100
120 12.2 8.6 12.8
236 26.4 20.3 30.5



#79
Terphenyl-d14
Concen: 65.67 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.029 min
Lab File: BF123357.D
Acq: 3 Mar 2021 15:54

Tgt Ion:244 Resp: 5038711
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 11.1 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.023 min
 Lab File: BF123357.D
 Acq: 3 Mar 2021 15:54

Instrument :
 BNA_F
 ClientSampleId :
 MH-5

Tgt Ion:264 Resp: 1500512
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.6 28.0
 265 21.6 17.0 25.6

