

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021721\
 Data File : BF123213.D
 Acq On : 17 Feb 2021 15:24
 Operator : JU/CG
 Sample : PB134684BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134684BL

Quant Time: Feb 17 16:15:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 12 16:59:49 2021
 Response via : Initial Calibration

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

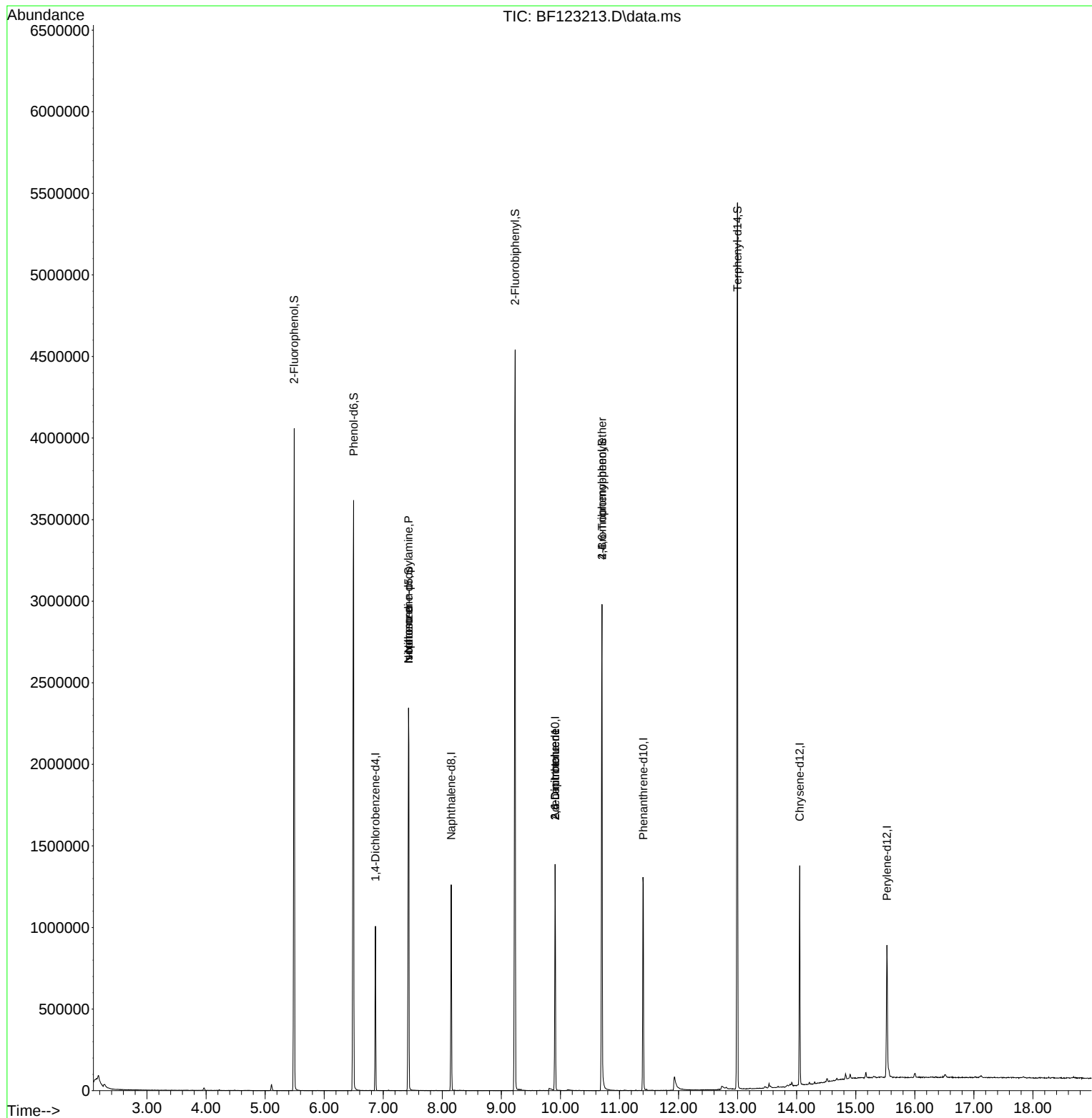
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	137739	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	556804	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	274629	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	513080	20.00	ng	0.00
76) Chrysene-d12	14.051	240	421224	20.00	ng	0.00
86) Perylene-d12	15.527	264	364668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1142650	125.75	ng	0.01
7) Phenol-d6	6.498	99	1373795	114.47	ng	0.00
23) Nitrobenzene-d5	7.428	82	878230	82.88	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	370670	124.98	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1525285	83.00	ng	0.00
79) Terphenyl-d14	12.998	244	1697982	80.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	119903	17.43	ng	Qvalue # 78
25) Isophorone	7.428	82	878224	44.63	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	34546	7.21	ng	# 31
57) 2,4-Dinitrotoluene	9.910	165	34546	5.34	ng	# 26
67) 4-Bromophenyl-phenylether	10.704	248	25824	4.74	ng	# 1

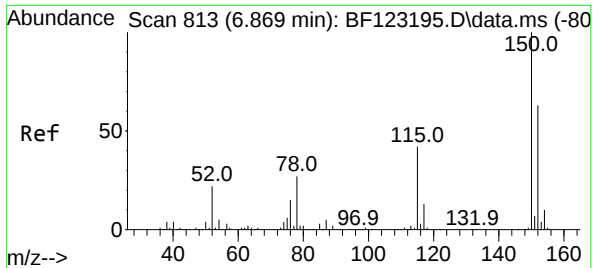
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

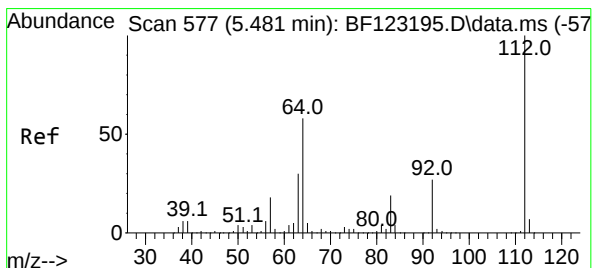
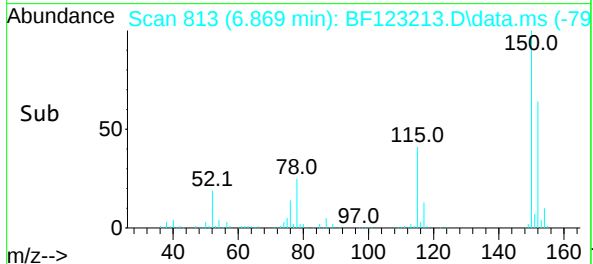
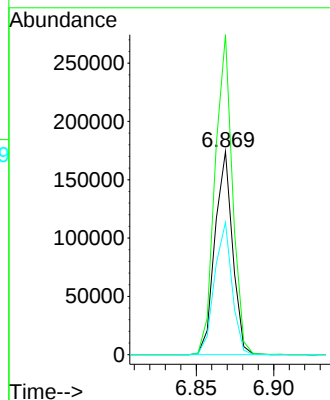
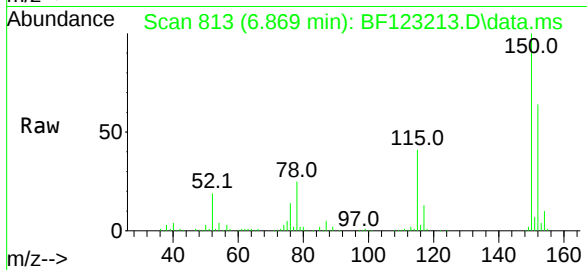




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123213.D
Acq: 17 Feb 2021 15:24

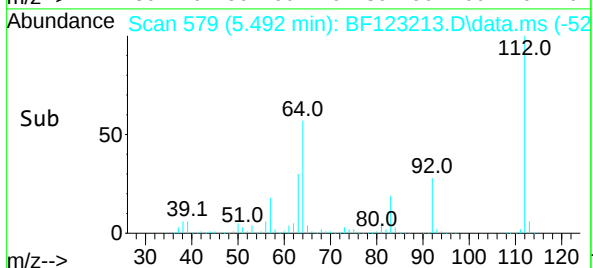
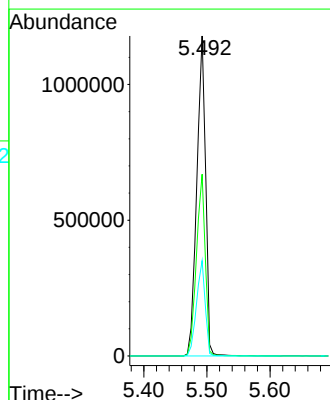
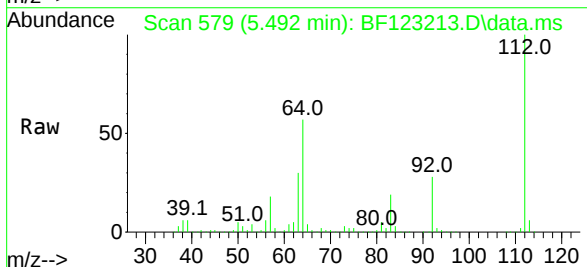
Instrument :
BNA_F
ClientSampleId :
PB134684BL

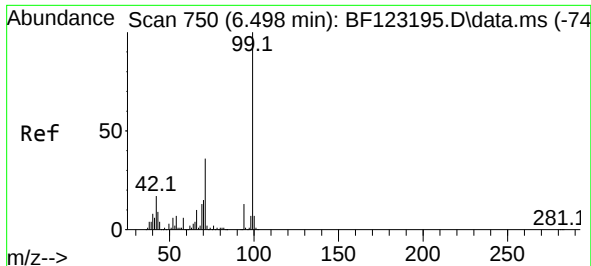
Tgt Ion:152 Resp: 137739
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.6
115 65.1 49.3 73.9



#5
2-Fluorophenol
Concen: 125.75 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF123213.D
Acq: 17 Feb 2021 15:24

Tgt Ion:112 Resp: 1142650
Ion Ratio Lower Upper
112 100
64 56.8 46.9 70.3
63 29.8 24.5 36.7



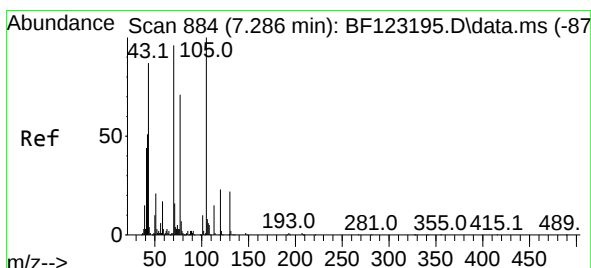
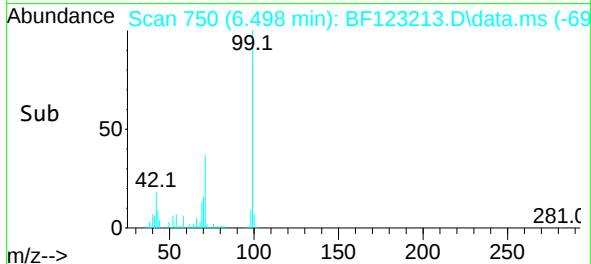
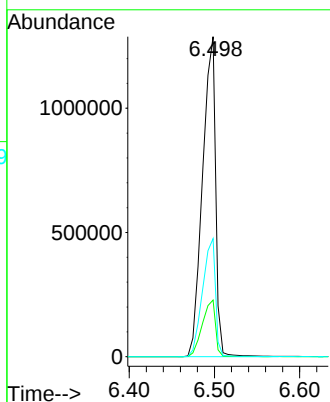
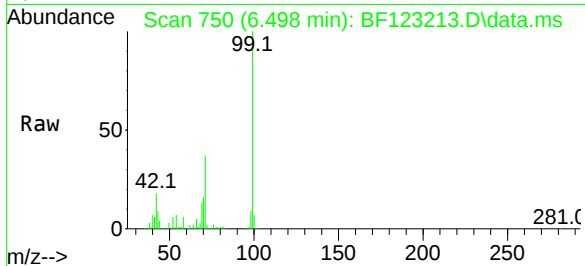


#7
Phenol-d6
Concen: 114.47 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF123213.D
Acq: 17 Feb 2021 15:24

Instrument :
BNA_F
ClientSampleId :
PB134684BL

Tgt Ion: 99 Resp: 1373795

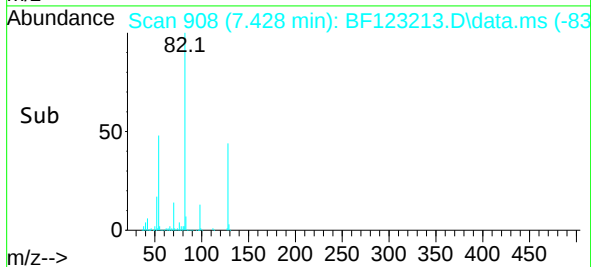
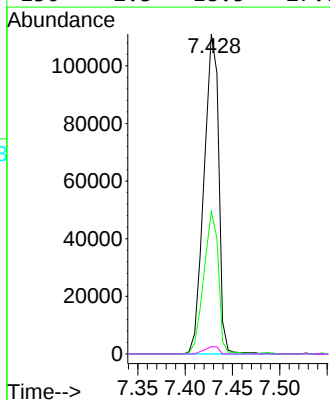
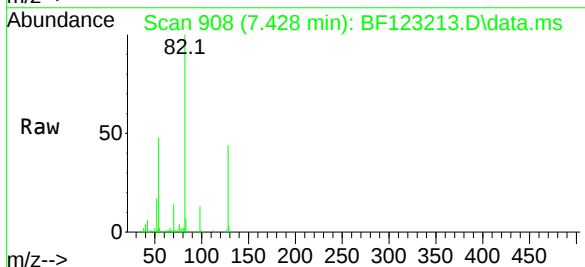
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.8	20.6
71	36.9	26.9	40.3

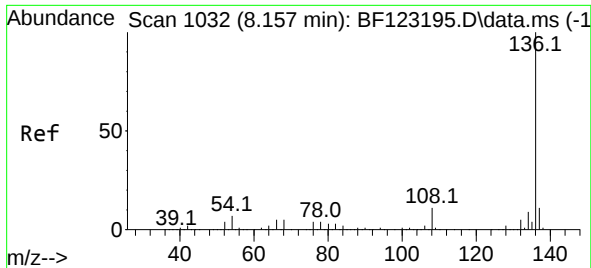


#19
n-Nitroso-di-n-propylamine
Concen: 17.43 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF123213.D
Acq: 17 Feb 2021 15:24

Tgt Ion: 70 Resp: 119903

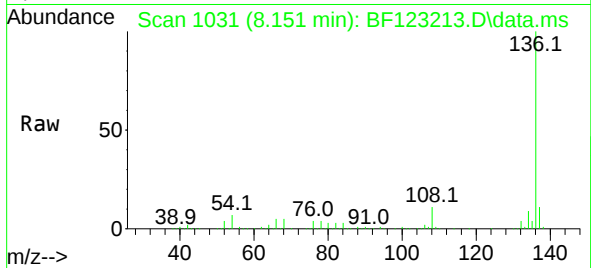
Ion	Ratio	Lower	Upper
70	100		
42	44.6	43.0	64.4
101	0.0	7.9	11.9#
130	2.3	18.5	27.7#



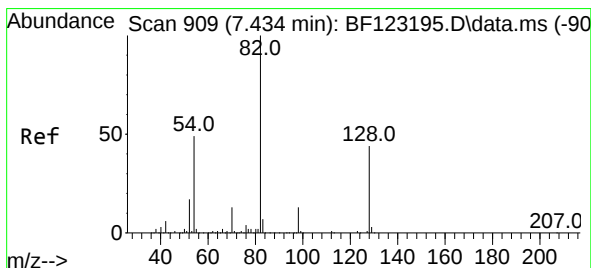
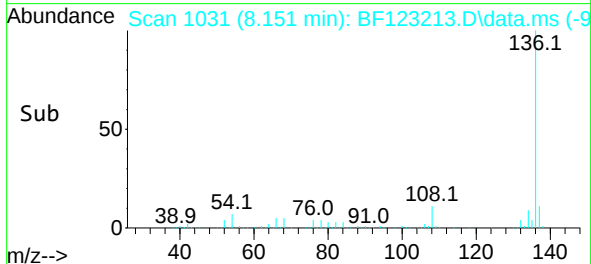
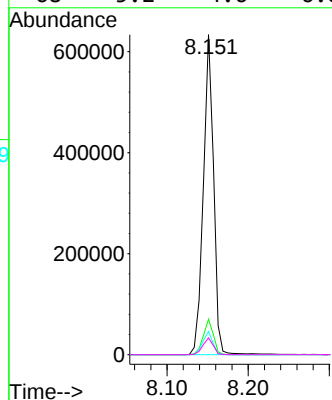


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123213.D
Acq: 17 Feb 2021 15:24

Instrument :
BNA_F
ClientSampleId :
PB134684BL

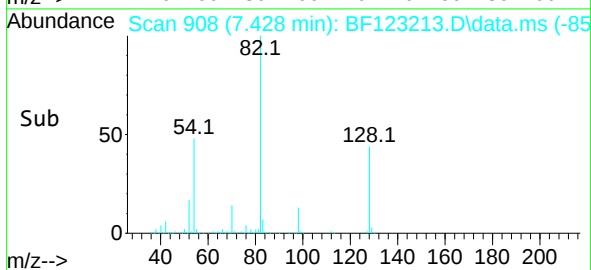
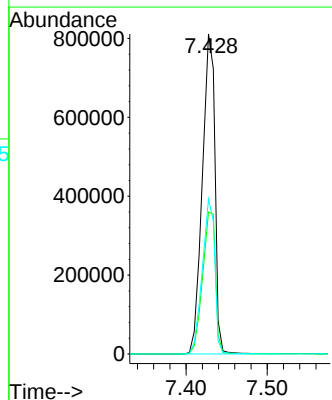
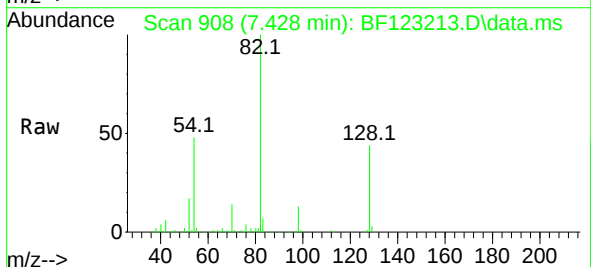


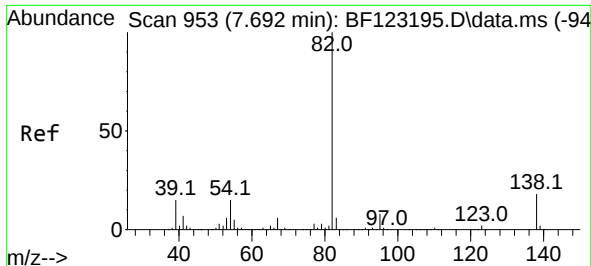
Tgt Ion:	136	Resp:	556804
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	7.3	5.5	8.3
68	5.2	4.6	6.8



#23
Nitrobenzene-d5
Concen: 82.88 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123213.D
Acq: 17 Feb 2021 15:24

Tgt Ion:	82	Resp:	878230
Ion Ratio	Lower	Upper	
82	100		
128	44.4	37.0	55.4
54	48.4	38.4	57.6

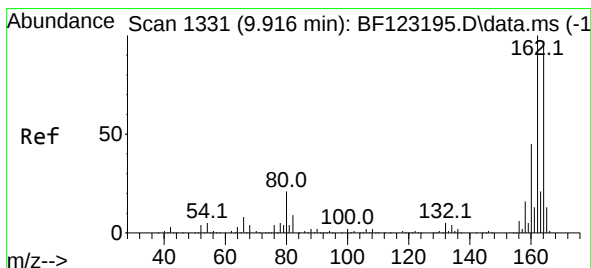
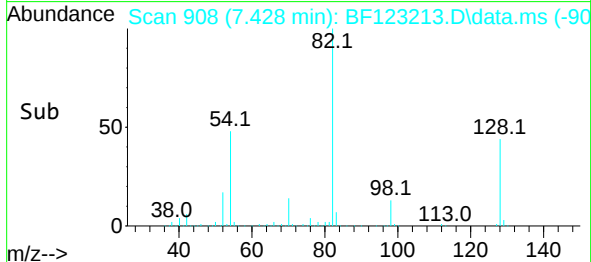
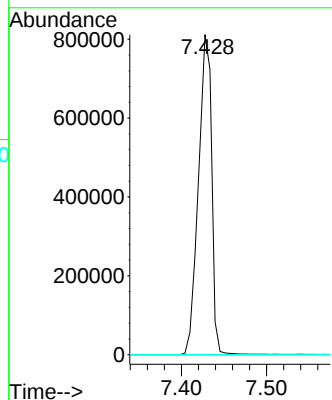
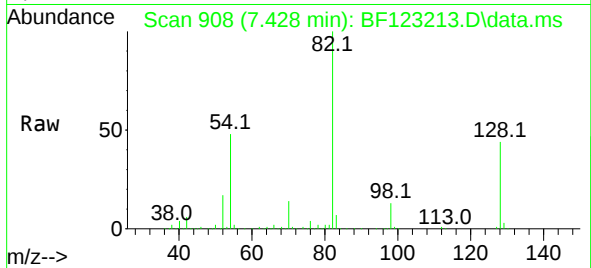




#25
Isophorone
Concen: 44.63 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF123213.D
Acq: 17 Feb 2021 15:24

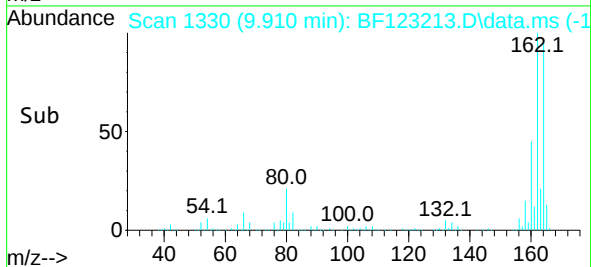
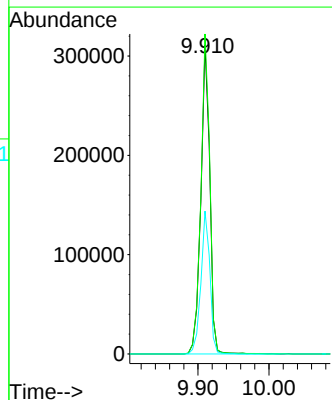
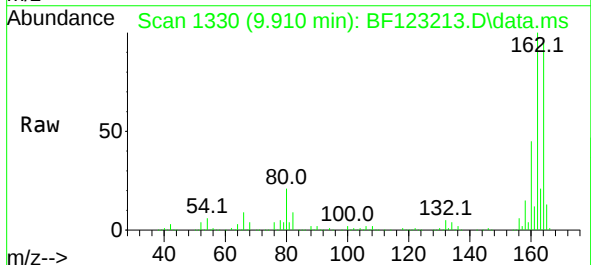
Instrument :
BNA_F
ClientSampleId :
PB134684BL

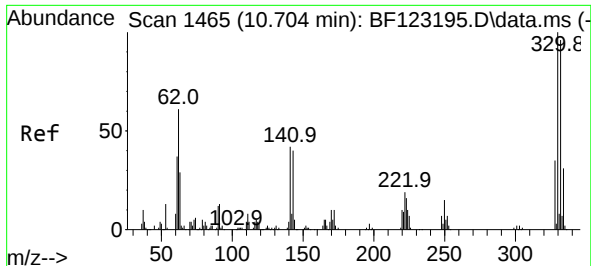
Tgt Ion: 82 Resp: 878224
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123213.D
Acq: 17 Feb 2021 15:24

Tgt Ion: 164 Resp: 274629
Ion Ratio Lower Upper
164 100
162 103.6 80.8 121.2
160 46.3 35.4 53.0

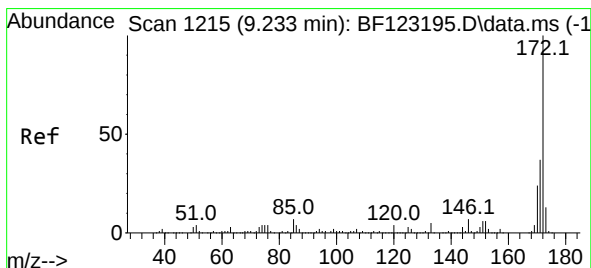
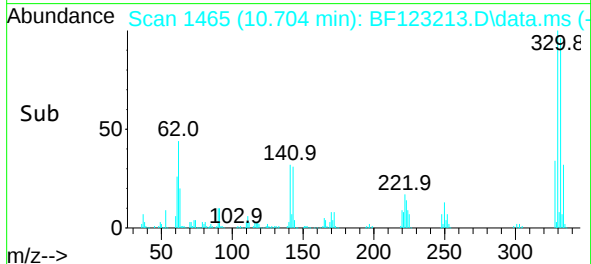
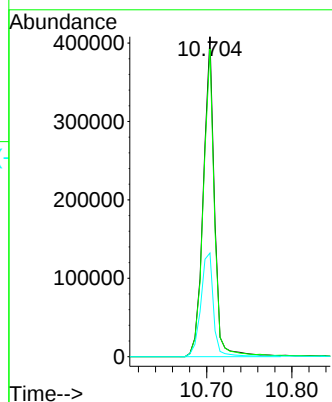
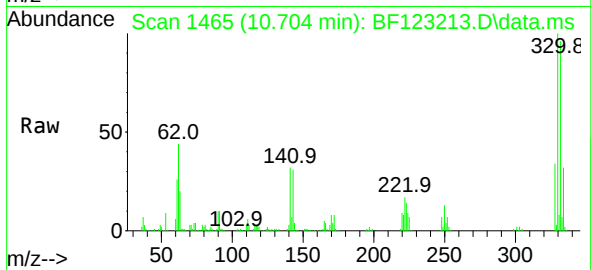




#42
2,4,6-Tribromophenol
Concen: 124.98 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF123213.D
Acq: 17 Feb 2021 15:24

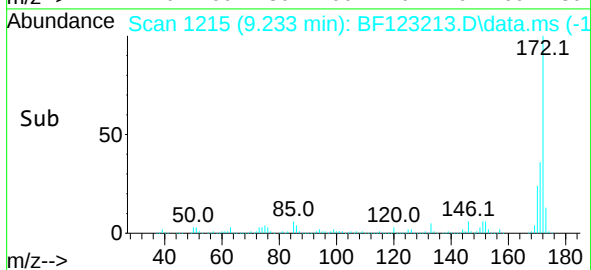
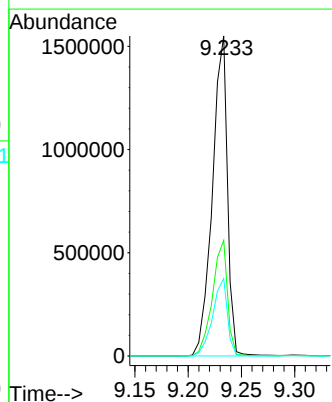
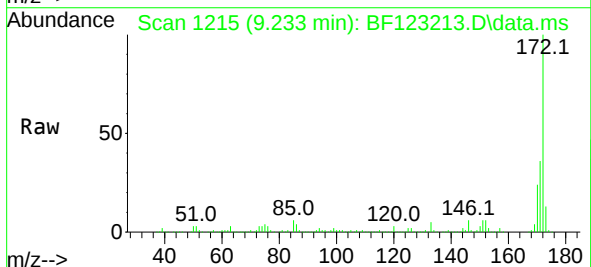
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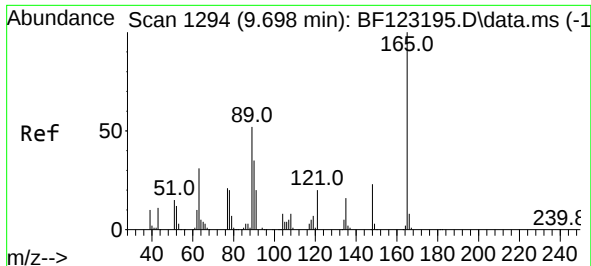
Tgt Ion: 330 Resp: 370670
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 37.0 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 83.00 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF123213.D
Acq: 17 Feb 2021 15:24

Tgt Ion: 172 Resp: 1525285
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.2 19.5 29.3

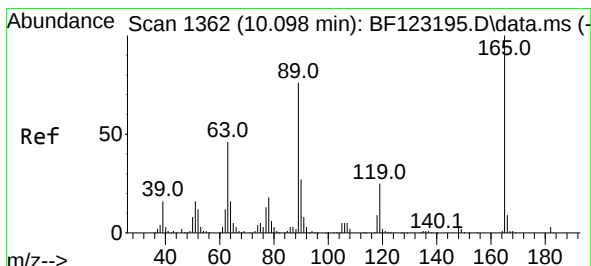
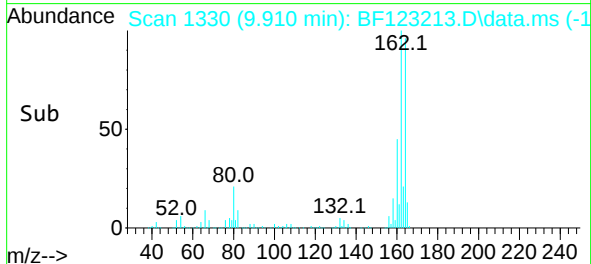
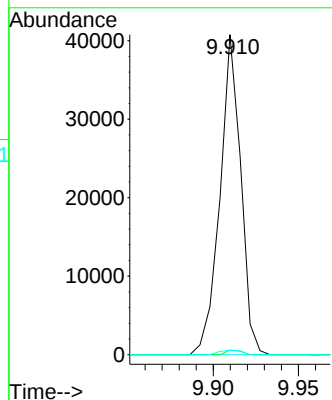
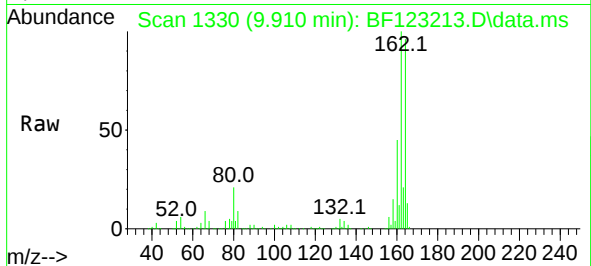




#51
2,6-Dinitrotoluene
Concen: 7.21 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF123213.D
Acq: 17 Feb 2021 15:24

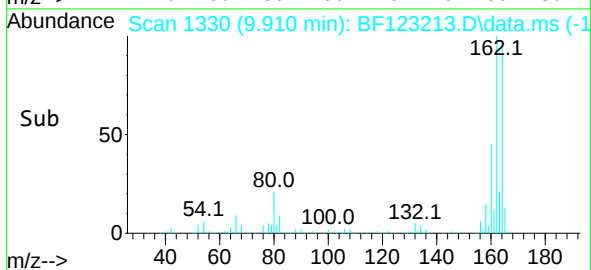
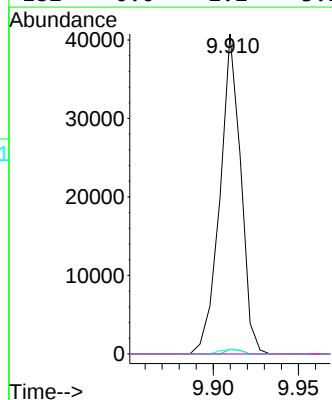
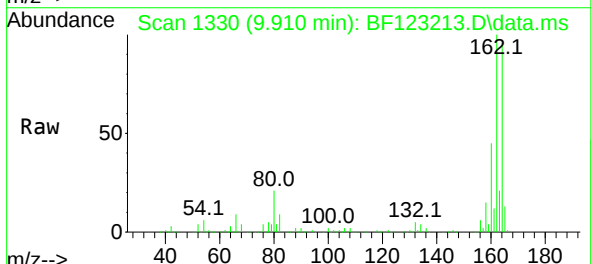
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PB134684BL

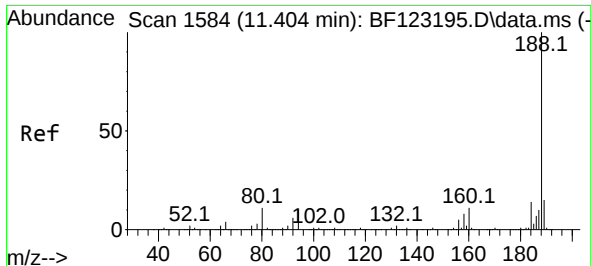
Tgt Ion:165 Resp: 34546
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.34 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF123213.D
Acq: 17 Feb 2021 15:24

Tgt Ion:165 Resp: 34546
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

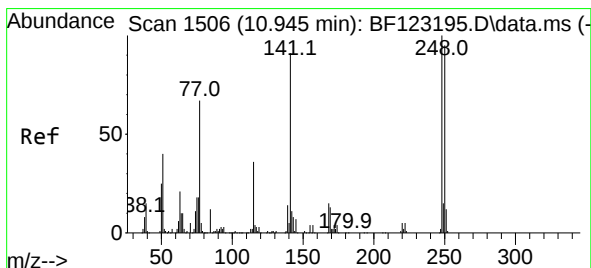
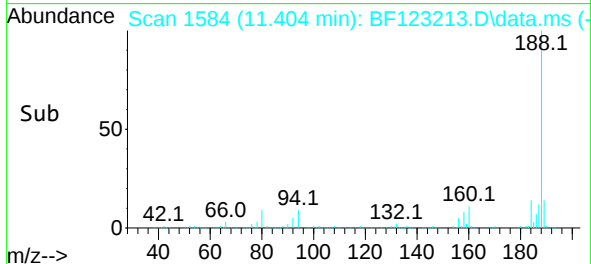
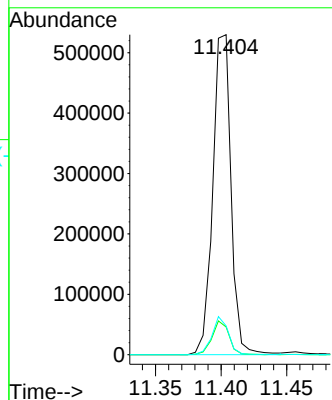
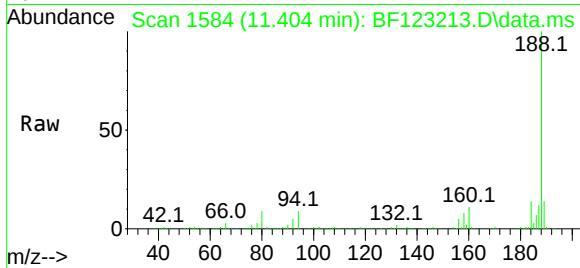




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF123213.D
Acq: 17 Feb 2021 15:24

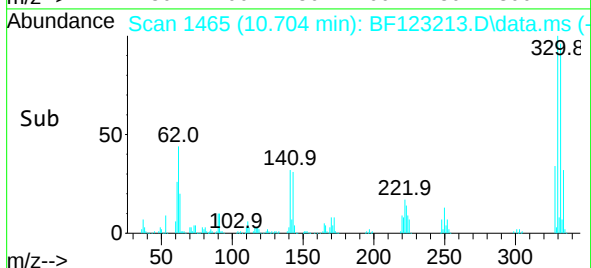
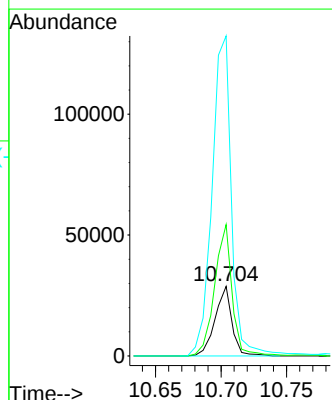
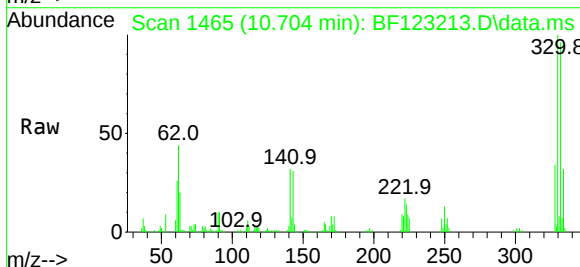
Instrument :
BNA_F
ClientSampleId :
PB134684BL

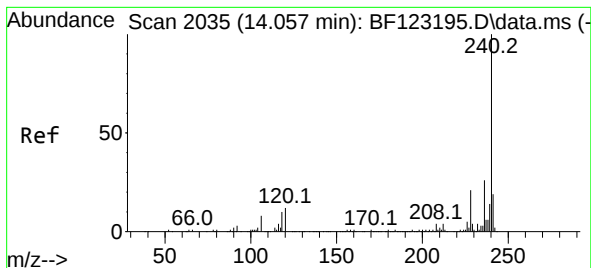
Tgt Ion:188 Resp: 513080
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.0 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.74 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF123213.D
Acq: 17 Feb 2021 15:24

Tgt Ion:248 Resp: 25824
Ion Ratio Lower Upper
248 100
250 188.6 76.8 115.2#
141 459.3 59.8 89.8#

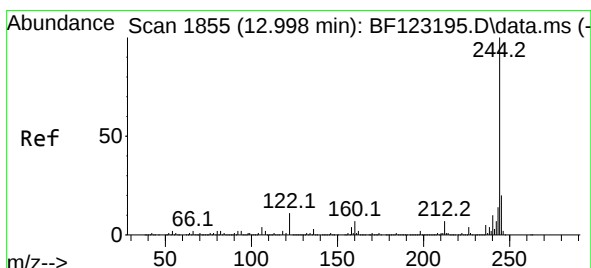
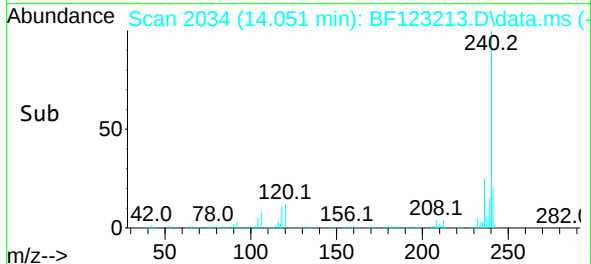
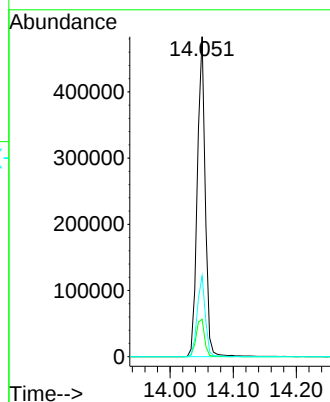
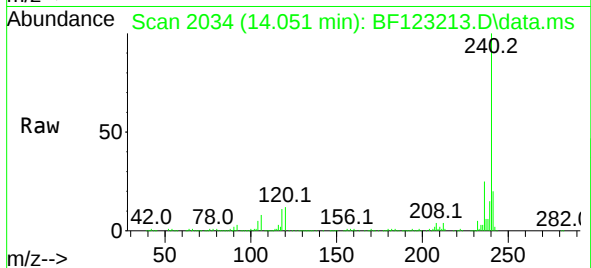




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123213.D
Acq: 17 Feb 2021 15:24

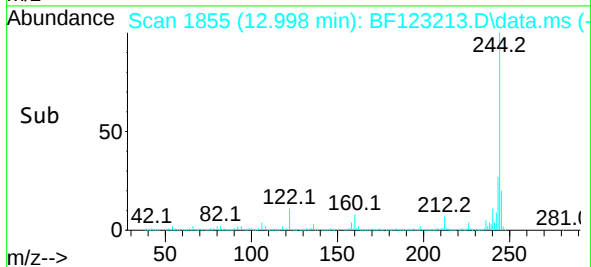
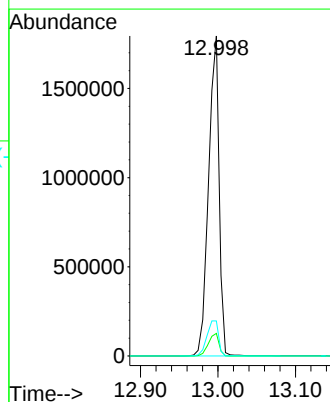
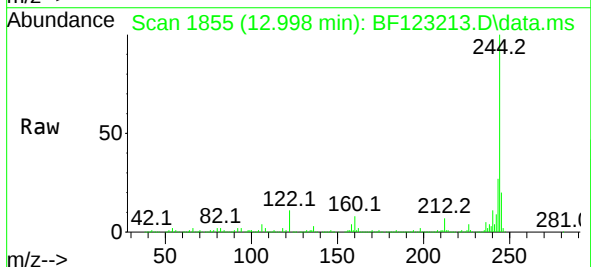
Instrument :
BNA_F
ClientSampleId :
PB134684BL

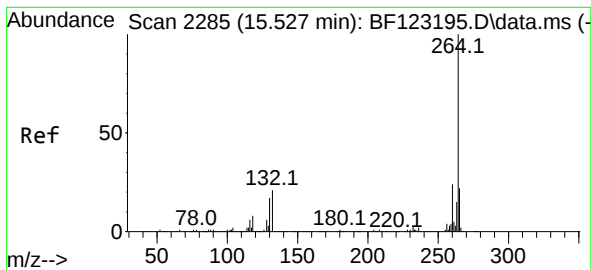
Tgt Ion:240 Resp: 421224
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 25.2 20.3 30.5



#79
Terphenyl-d14
Concen: 80.79 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BF123213.D
Acq: 17 Feb 2021 15:24

Tgt Ion:244 Resp: 1697982
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.0 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: BF123213.D
 Acq: 17 Feb 2021 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB134684BL

Tgt Ion:264 Resp: 364668
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.0 17.0 25.6

