

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123257.D
 Acq On : 22 Feb 2021 14:06
 Operator : JU/CG
 Sample : PB134758BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134758BL

Quant Time: Feb 22 14:44:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

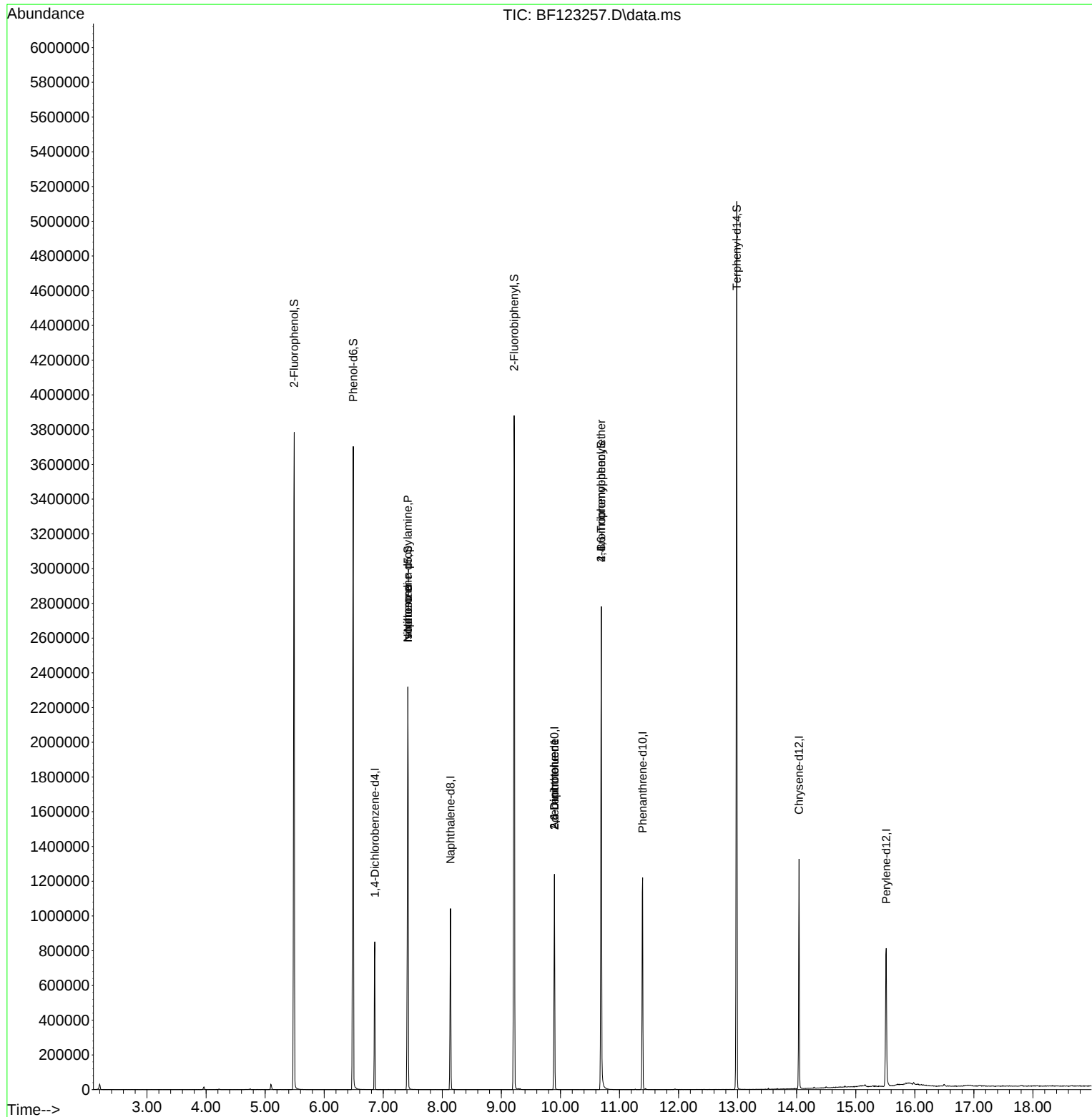
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	115617	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	474489	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	247378	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	468024	20.00	ng	0.00
76) Chrysene-d12	14.039	240	396061	20.00	ng	0.00
86) Perylene-d12	15.515	264	372365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1021689	127.20	ng	0.02
7) Phenol-d6	6.492	99	1301258	119.25	ng	0.00
23) Nitrobenzene-d5	7.416	82	867665	83.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	307239	121.97	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1389538	80.69	ng	0.00
79) Terphenyl-d14	12.986	244	1543126	74.92	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	2341	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	120035	18.49	ng	# 78
25) Isophorone	7.416	82	861618	44.45	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	30657	7.19	ng	# 31
57) 2,4-Dinitrotoluene	9.898	165	30657	5.35	ng	# 25
67) 4-Bromophenyl-phenylether	10.692	248	22332	4.38	ng	# 1

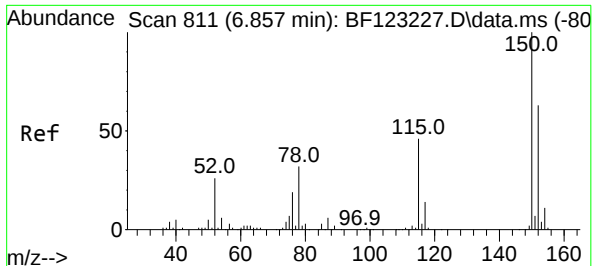
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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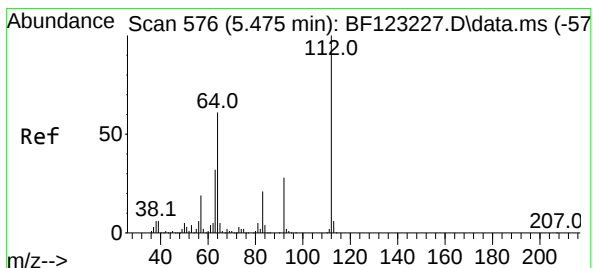
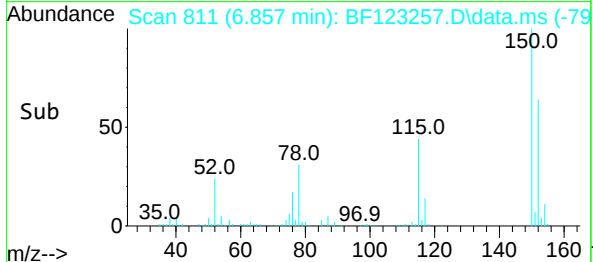
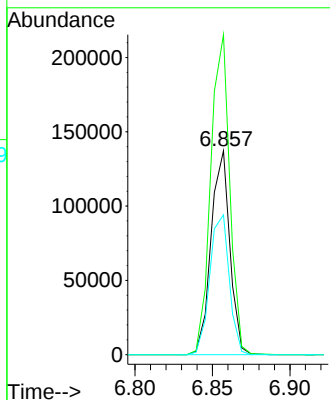
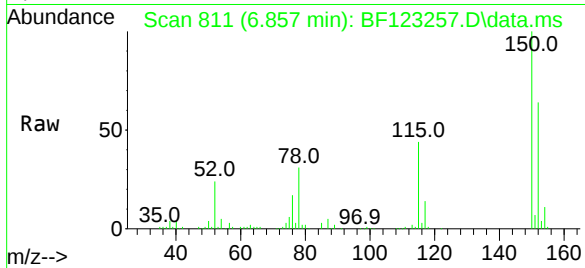




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123257.D
Acq: 22 Feb 2021 14:06

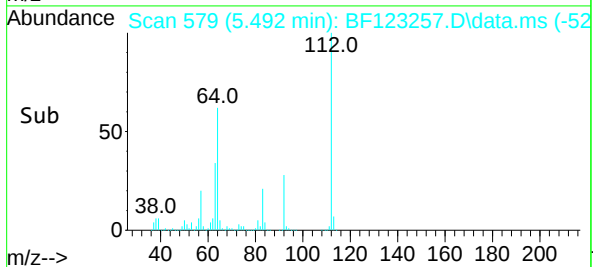
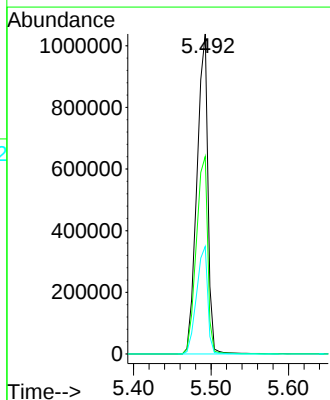
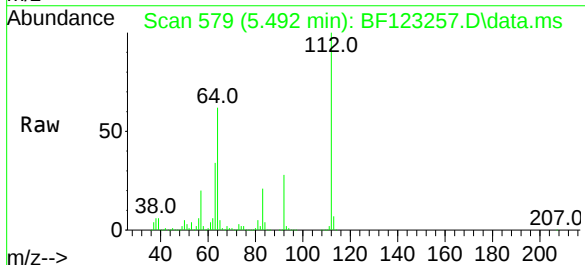
Instrument :
BNA_F
ClientSampleId :
PB134758BL

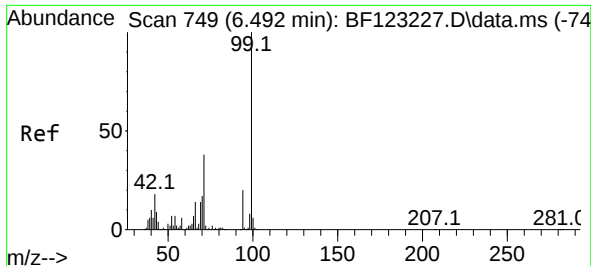
Tgt Ion:152 Resp: 115617
Ion Ratio Lower Upper
152 100
150 156.9 125.8 188.6
115 68.6 49.3 73.9



#5
2-Fluorophenol
Concen: 127.20 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF123257.D
Acq: 22 Feb 2021 14:06

Tgt Ion:112 Resp: 1021689
Ion Ratio Lower Upper
112 100
64 61.7 46.9 70.3
63 33.6 24.5 36.7

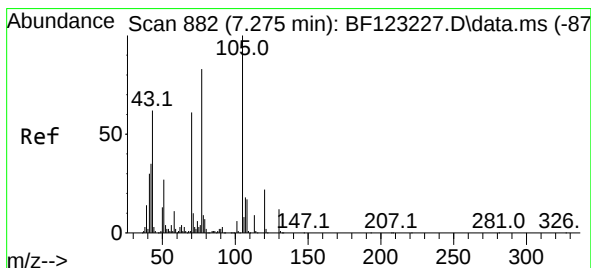
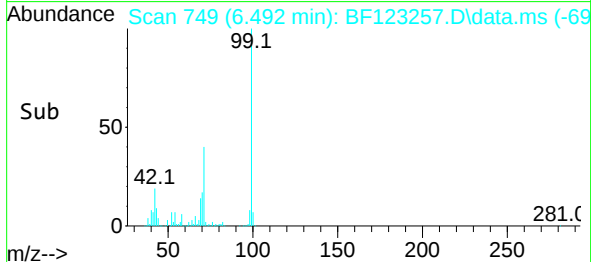
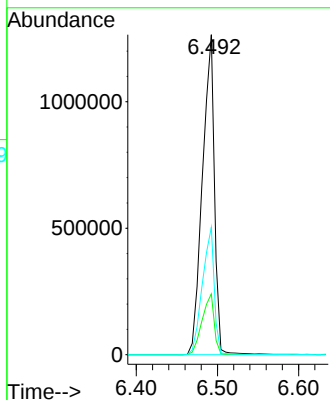
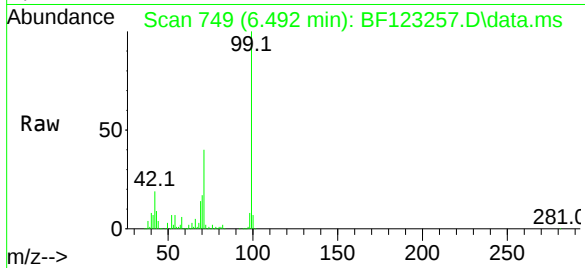




#7
Phenol-d6
Concen: 119.25 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123257.D
Acq: 22 Feb 2021 14:06

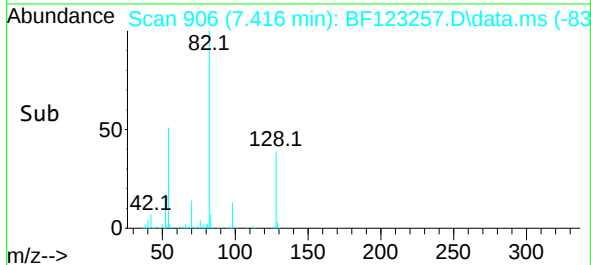
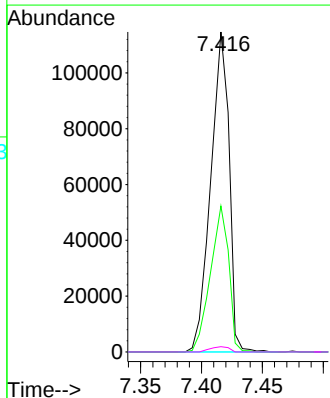
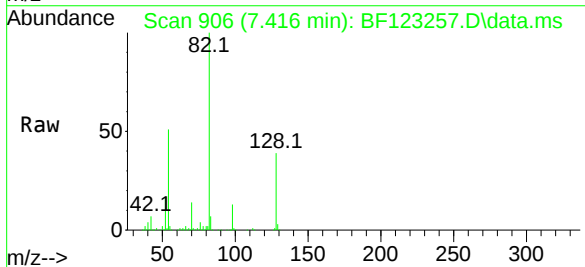
Instrument :
BNA_F
ClientSampleId :
PB134758BL

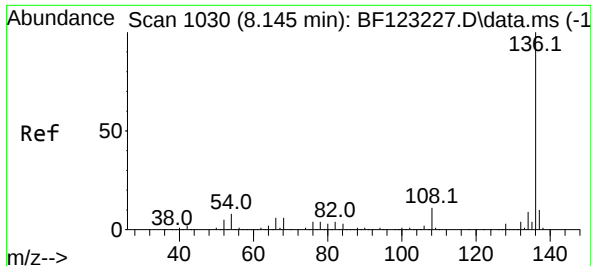
Tgt Ion: 99 Resp: 1301258
Ion Ratio Lower Upper
99 100
42 19.0 13.8 20.6
71 39.8 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.49 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123257.D
Acq: 22 Feb 2021 14:06

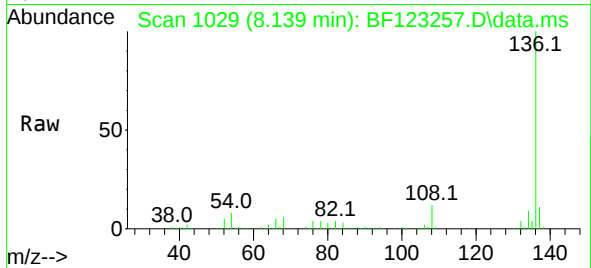
Tgt Ion: 70 Resp: 120035
Ion Ratio Lower Upper
70 100
42 45.6 43.0 64.4
101 0.0 7.9 11.9#
130 1.7 18.5 27.7#



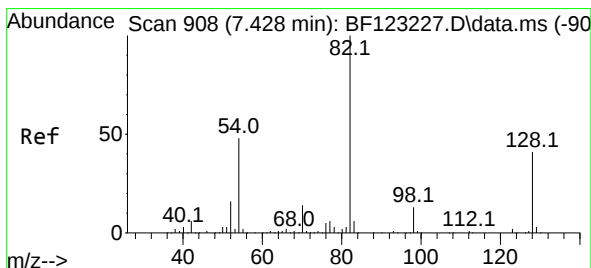
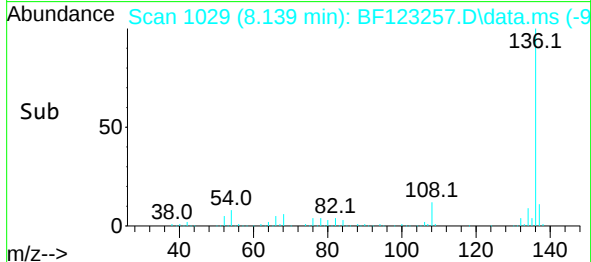
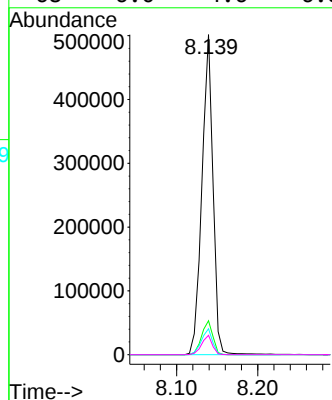


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123257.D
Acq: 22 Feb 2021 14:06

Instrument :
BNA_F
ClientSampleId :
PB134758BL

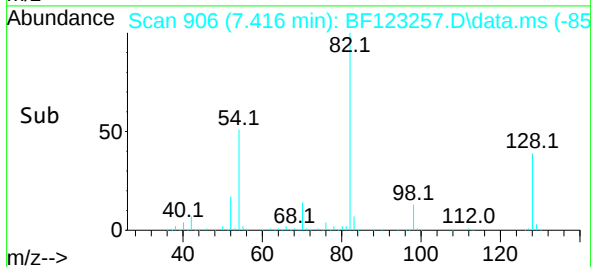
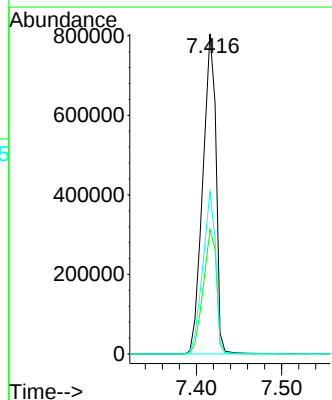
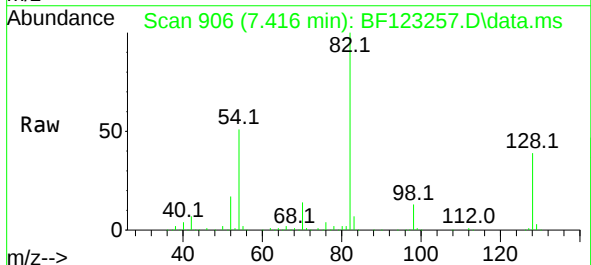


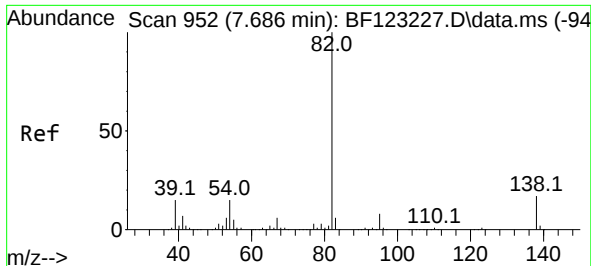
Tgt Ion:136 Resp: 474489
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.1 5.5 8.3
68 6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 83.71 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123257.D
Acq: 22 Feb 2021 14:06

Tgt Ion: 82 Resp: 867665
Ion Ratio Lower Upper
82 100
128 38.8 37.0 55.4
54 50.7 38.4 57.6

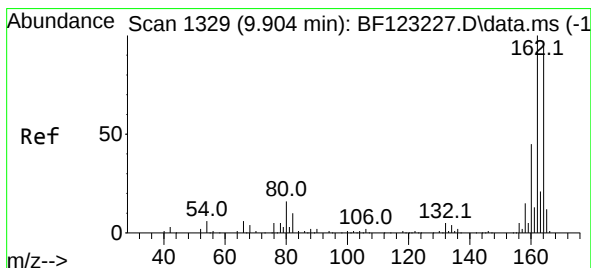
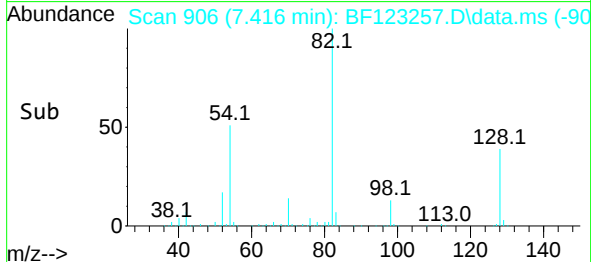
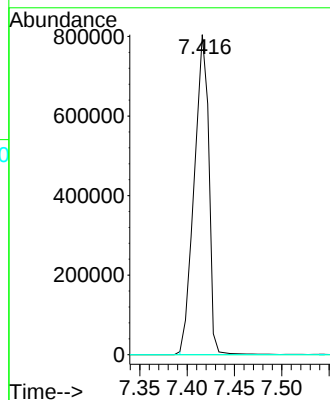
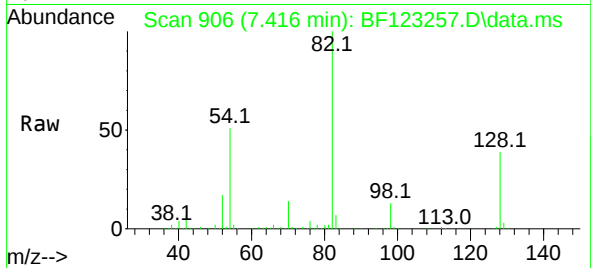




#25
Isophorone
Concen: 44.45 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123257.D
Acq: 22 Feb 2021 14:06

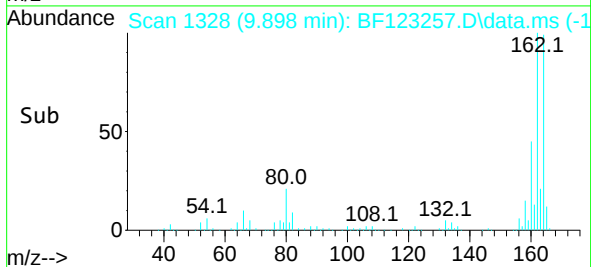
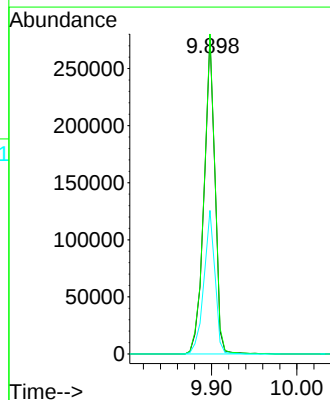
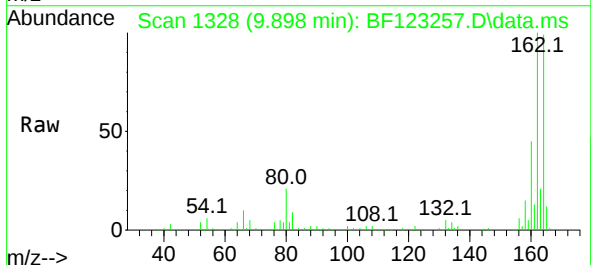
Instrument :
BNA_F
ClientSampleId :
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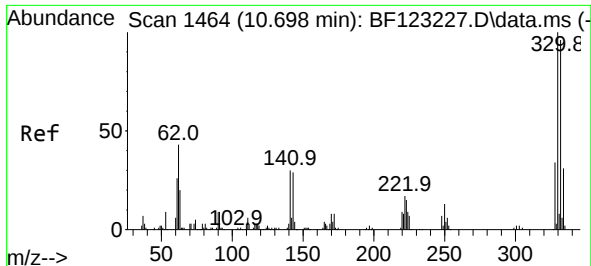
Tgt Ion: 82 Resp: 861618
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123257.D
Acq: 22 Feb 2021 14:06

Tgt Ion: 164 Resp: 247378
Ion Ratio Lower Upper
164 100
162 100.8 80.8 121.2
160 45.2 35.4 53.0

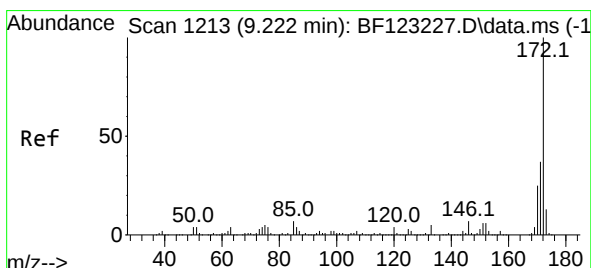
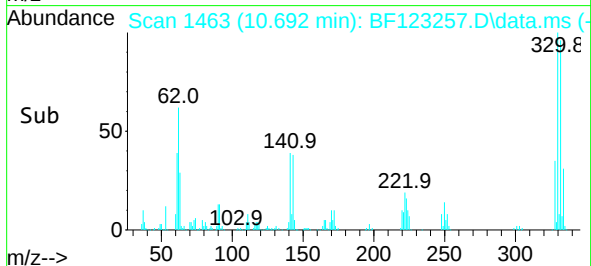
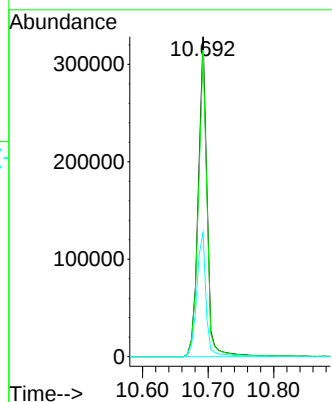
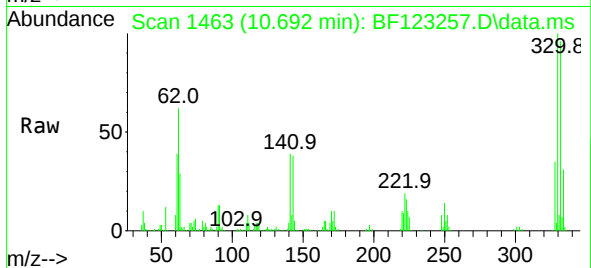




#42
2,4,6-Tribromophenol
Concen: 121.97 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123257.D
Acq: 22 Feb 2021 14:06

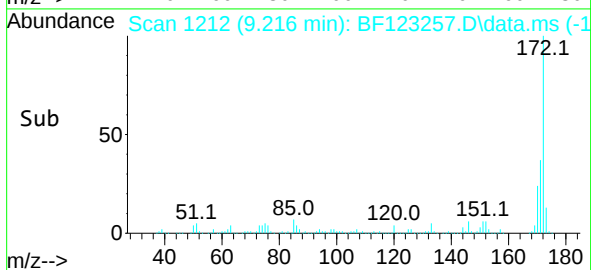
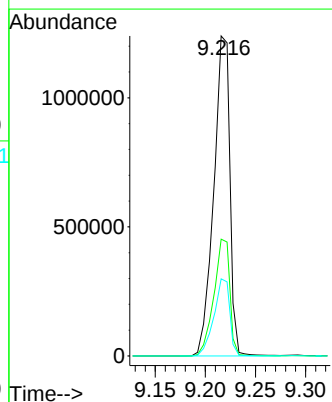
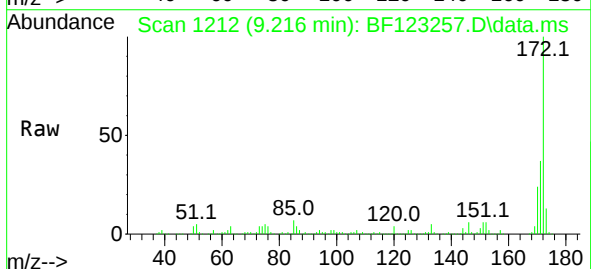
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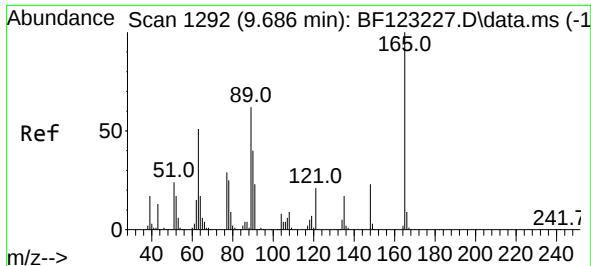
Tgt Ion: 330 Resp: 307239
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 41.1 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 80.69 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123257.D
Acq: 22 Feb 2021 14:06

Tgt Ion: 172 Resp: 1389538
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.1 19.5 29.3

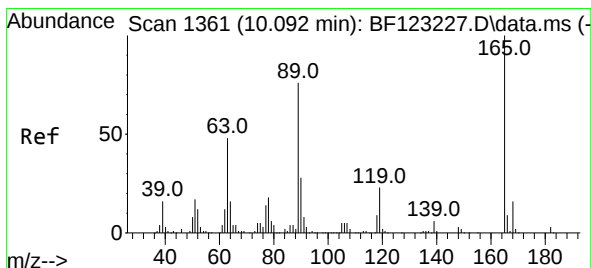
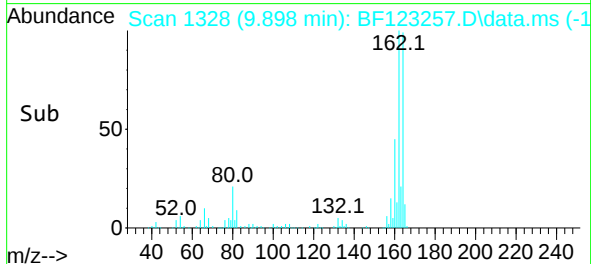
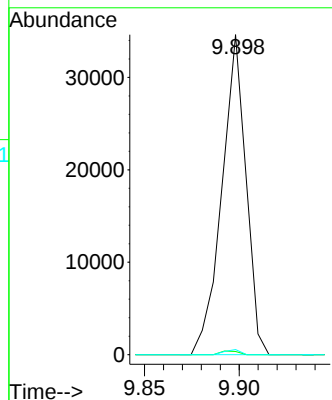
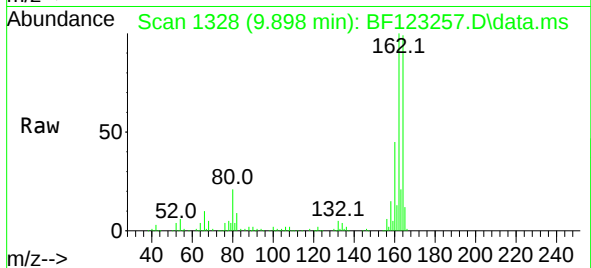




#51
2,6-Dinitrotoluene
Concen: 7.19 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123257.D
Acq: 22 Feb 2021 14:06

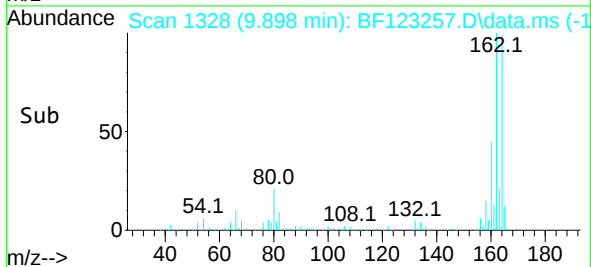
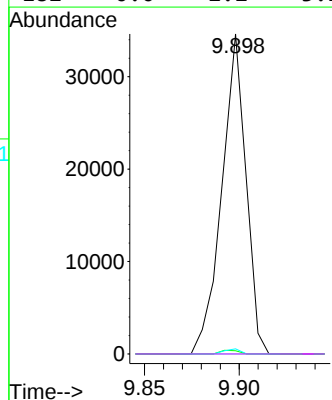
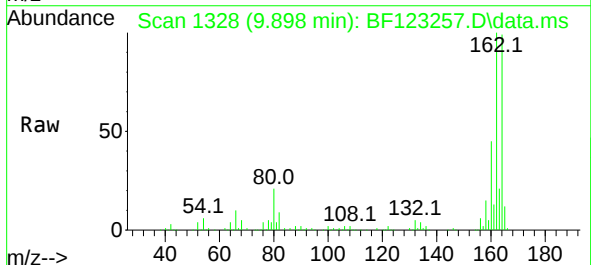
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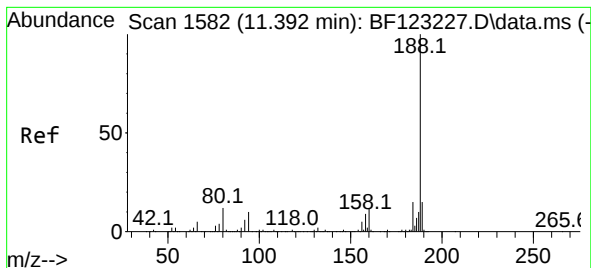
Tgt Ion:165 Resp: 30657
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.6 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.35 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123257.D
Acq: 22 Feb 2021 14:06

Tgt Ion:165 Resp: 30657
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#

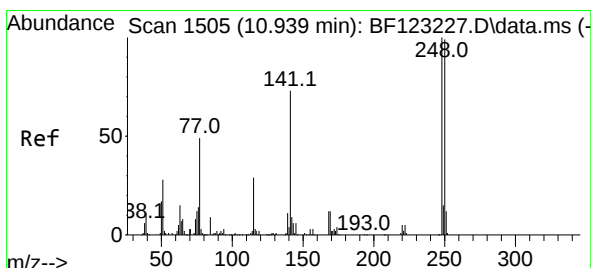
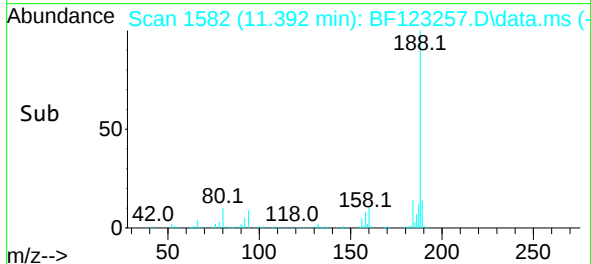
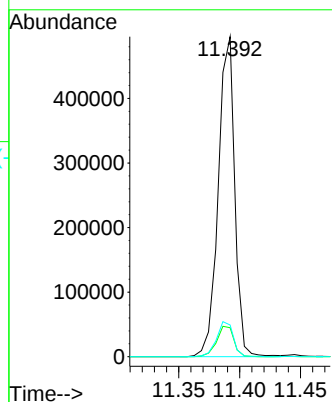
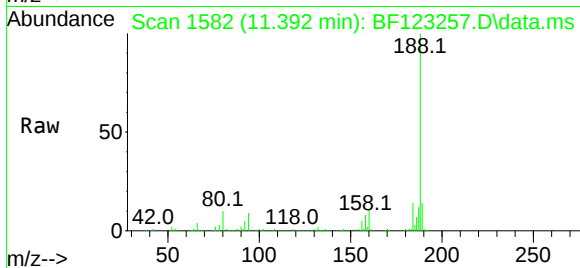




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF123257.D
Acq: 22 Feb 2021 14:06

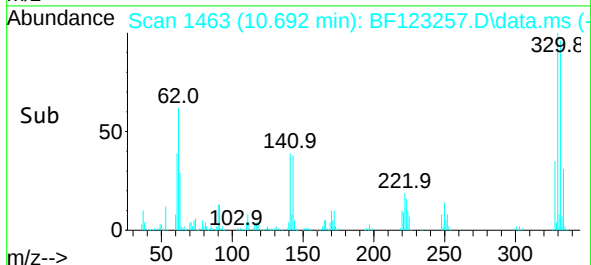
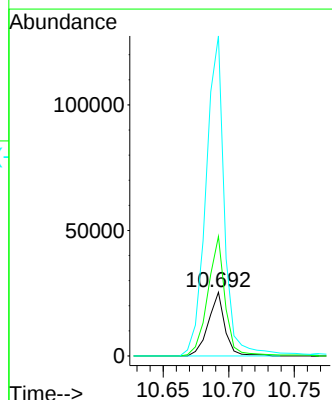
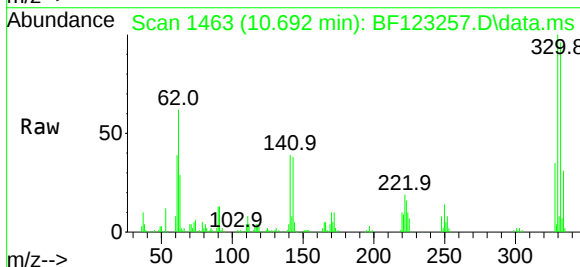
Instrument :
BNA_F
ClientSampleId :
PB134758BL

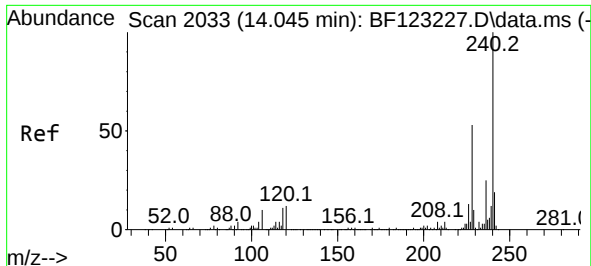
Tgt Ion:188 Resp: 468024
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.9 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.38 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123257.D
Acq: 22 Feb 2021 14:06

Tgt Ion:248 Resp: 22332
Ion Ratio Lower Upper
248 100
250 187.7 76.8 115.2#
141 502.6 59.8 89.8#

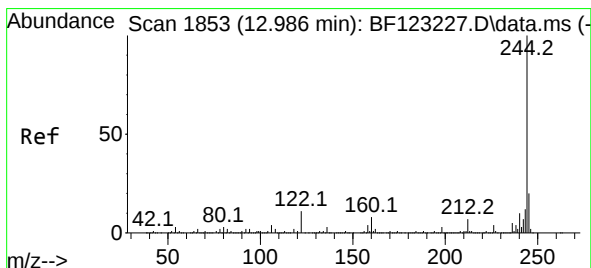
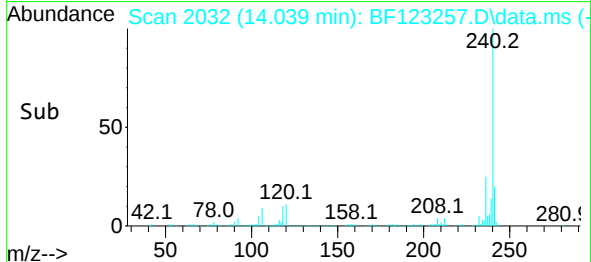
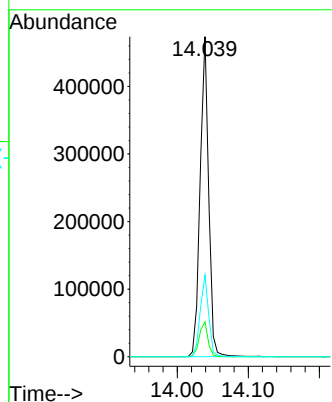
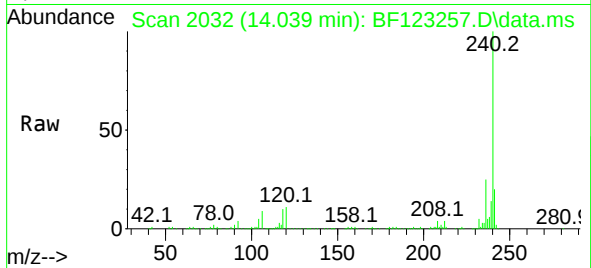




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123257.D
Acq: 22 Feb 2021 14:06

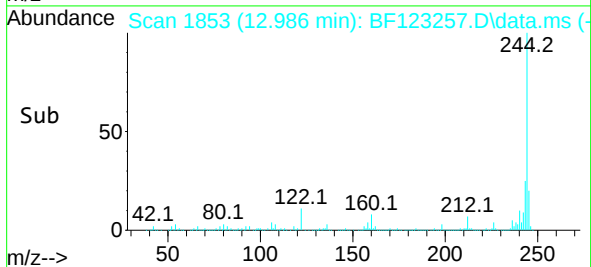
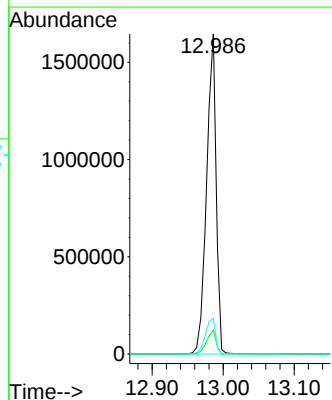
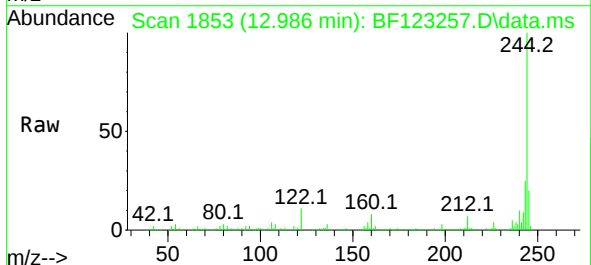
Instrument :
BNA_F
ClientSampleId :
PB134758BL

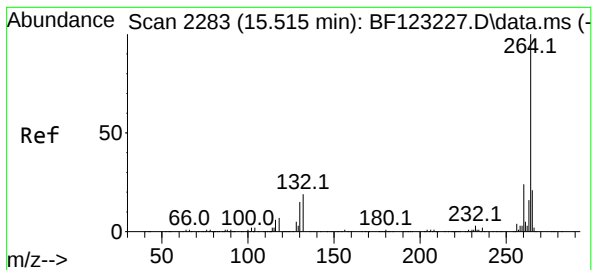
Tgt Ion:240 Resp: 396061
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 74.92 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123257.D
Acq: 22 Feb 2021 14:06

Tgt Ion:244 Resp: 1543126
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.2 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF123257.D
 Acq: 22 Feb 2021 14:06

Instrument :
 BNA_F
 ClientSampleId :
 PB134758BL

Tgt Ion:264 Resp: 372365
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 28.0
 265 21.2 17.0 25.6

