

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
 Data File : BF123320.D
 Acq On : 1 Mar 2021 10:33
 Operator : JU/CG
 Sample : PB134844BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134844BL

Quant Time: Mar 01 10:54:30 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)

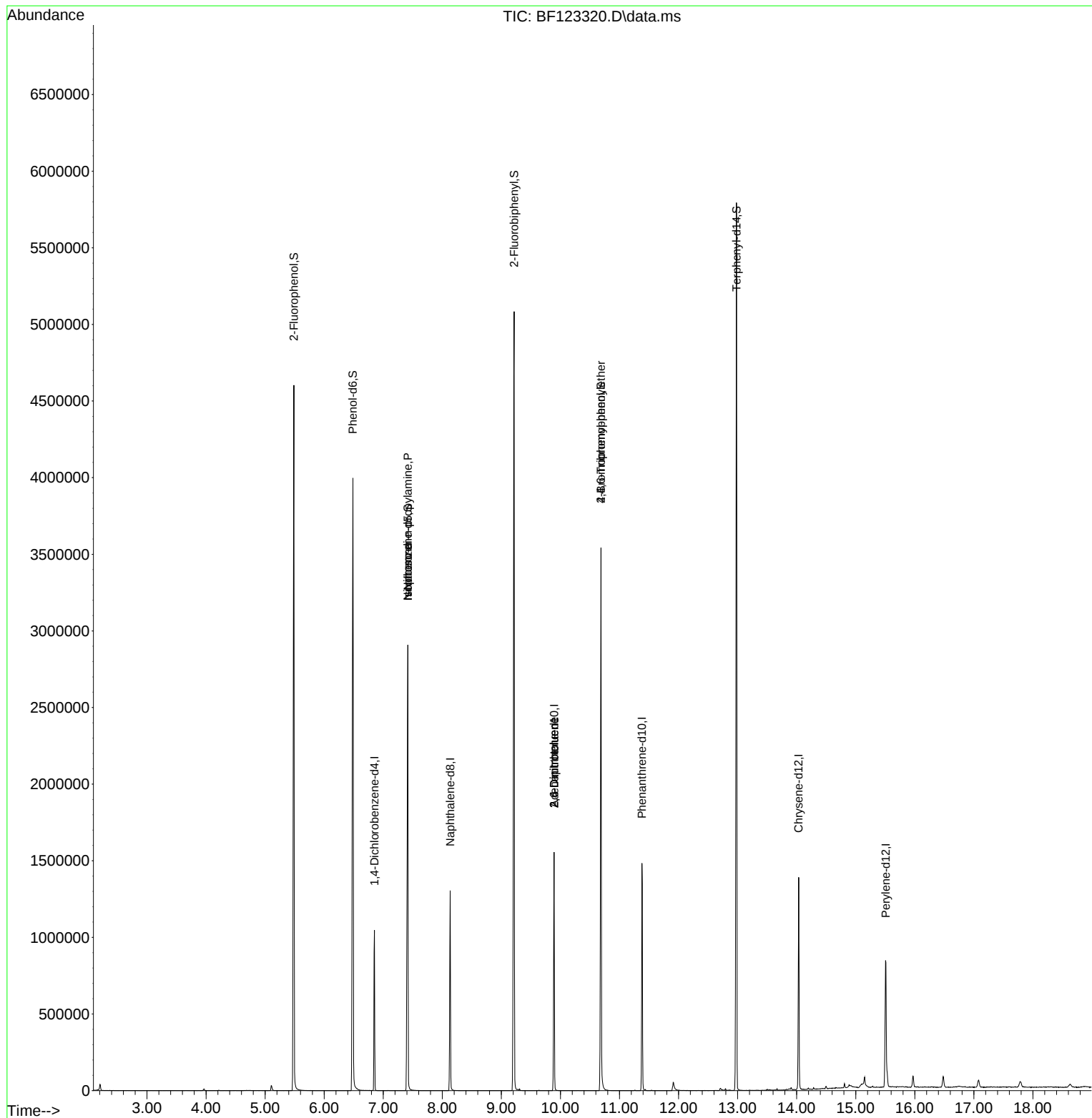
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	139938	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	572327	20.00	ng	#-0.01
39) Acenaphthene-d10	9.892	164	292473	20.00	ng	-0.01
64) Phenanthrene-d10	11.380	188	550306	20.00	ng	#-0.01
76) Chrysene-d12	14.033	240	441209	20.00	ng	-0.01
86) Perylene-d12	15.509	264	390577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1232794	126.81	ng	0.01
7) Phenol-d6	6.487	99	1608958	121.82	ng	0.00
23) Nitrobenzene-d5	7.416	82	1085204	86.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	381507	128.10	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1718364	84.39	ng	0.00
79) Terphenyl-d14	12.980	244	1877166	81.81	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	2320	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	148282	18.87	ng	# 79
25) Isophorone	7.416	82	1072558	45.88	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	37594	7.46	ng	# 32
57) 2,4-Dinitrotoluene	9.892	165	37594	5.55	ng	# 26
67) 4-Bromophenyl-phenylether	10.686	248	28398	4.73	ng	# 1

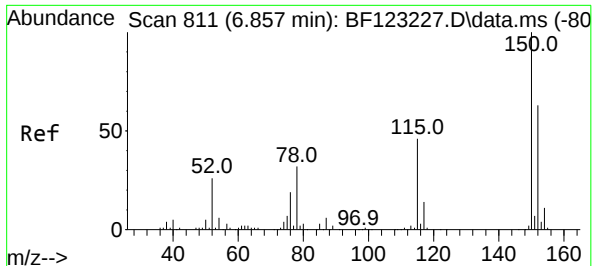
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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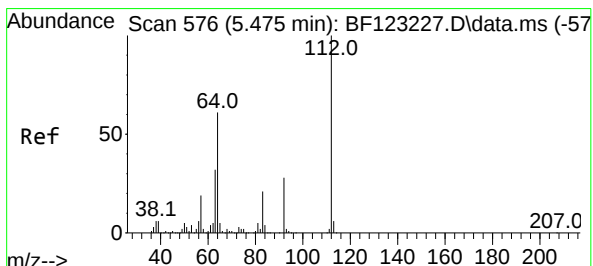
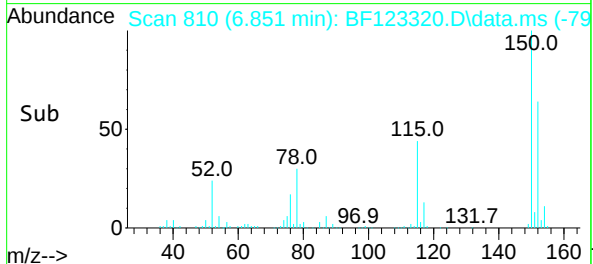
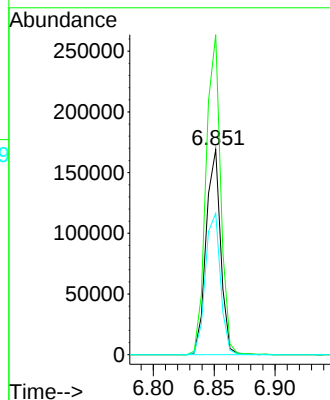
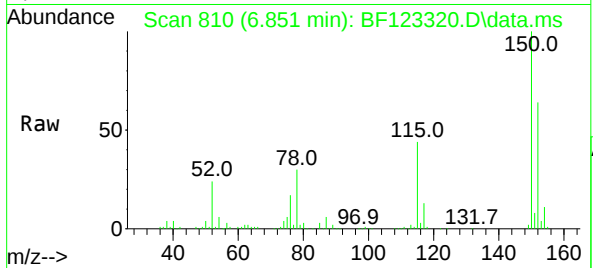




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.851 min Scan# 810
 Delta R.T. -0.006 min
 Lab File: BF123320.D
 Acq: 1 Mar 2021 10:33

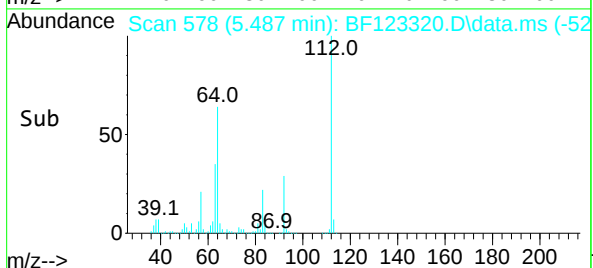
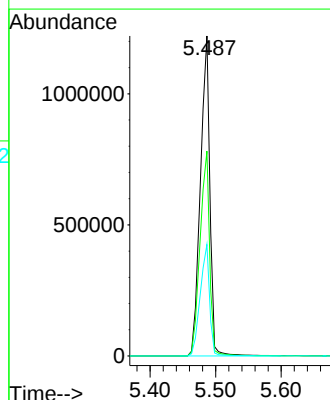
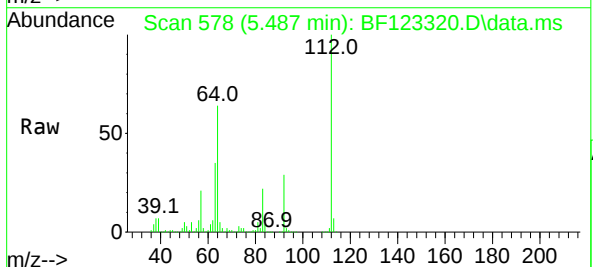
Instrument :
 BNA_F
 ClientSampleId :
 PB134844BL

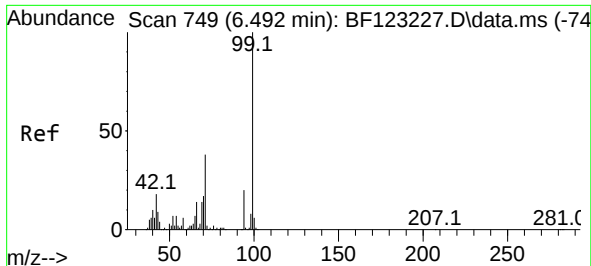
Tgt Ion:152 Resp: 139938
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.8 188.6
 115 69.0 49.3 73.9



#5
 2-Fluorophenol
 Concen: 126.81 ng
 RT: 5.487 min Scan# 578
 Delta R.T. 0.012 min
 Lab File: BF123320.D
 Acq: 1 Mar 2021 10:33

Tgt Ion:112 Resp: 1232794
 Ion Ratio Lower Upper
 112 100
 64 64.0 46.9 70.3
 63 34.9 24.5 36.7

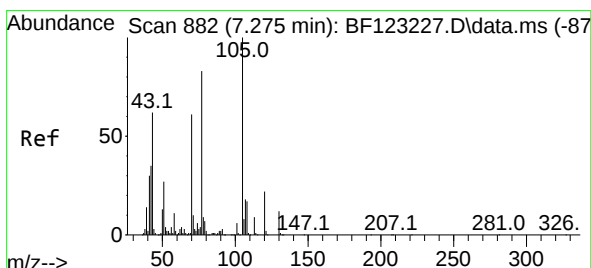
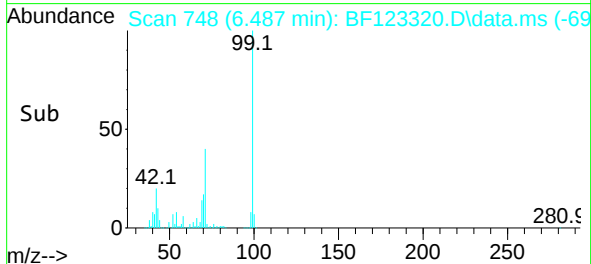
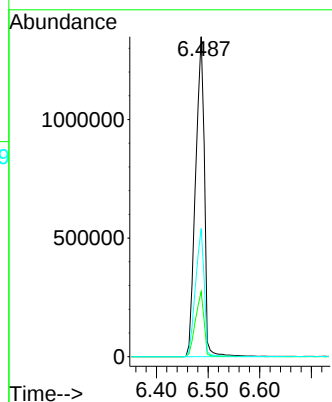
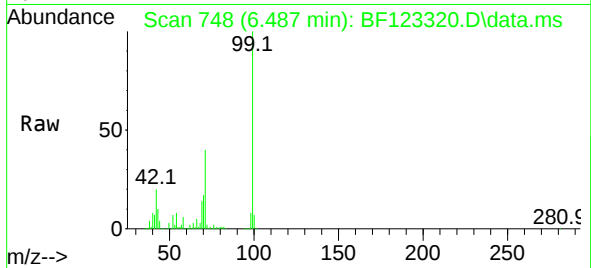




#7
Phenol-d6
Concen: 121.82 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123320.D
Acq: 1 Mar 2021 10:33

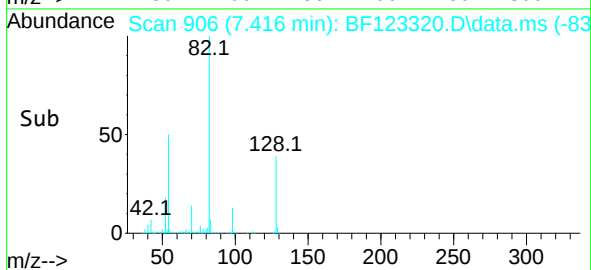
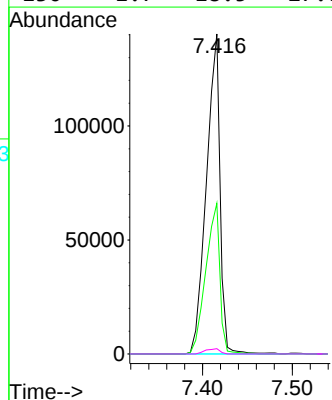
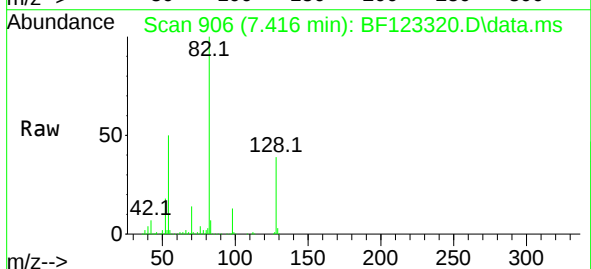
Instrument :
BNA_F
ClientSampleId :
PB134844BL

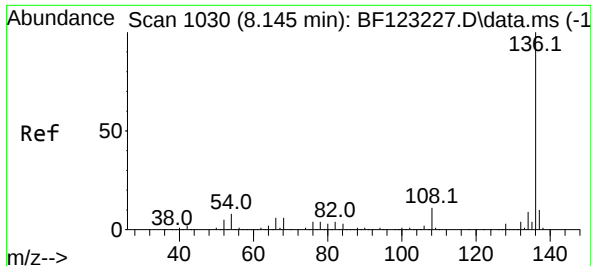
Tgt Ion: 99 Resp: 1608958
Ion Ratio Lower Upper
99 100
42 20.4 13.8 20.6
71 40.1 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.87 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123320.D
Acq: 1 Mar 2021 10:33

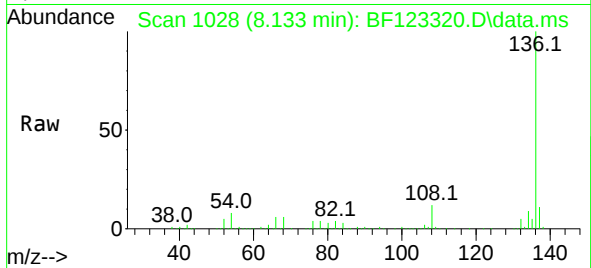
Tgt Ion: 70 Resp: 148282
Ion Ratio Lower Upper
70 100
42 47.0 43.0 64.4
101 0.0 7.9 11.9#
130 1.7 18.5 27.7#



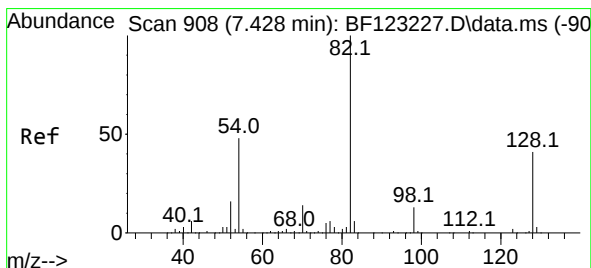
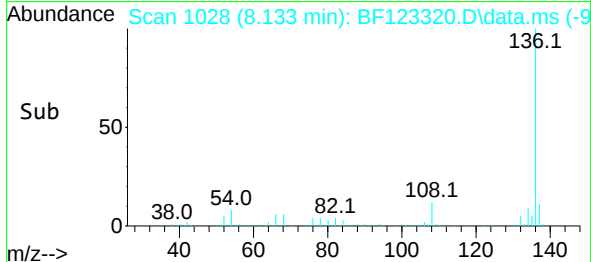
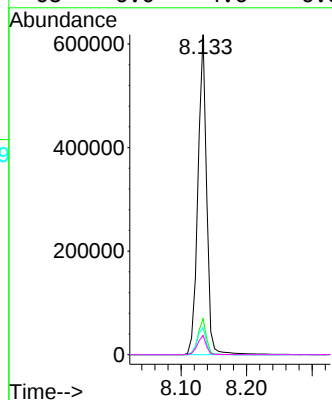


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123320.D
Acq: 1 Mar 2021 10:33

Instrument :
BNA_F
ClientSampleId :
PB134844BL

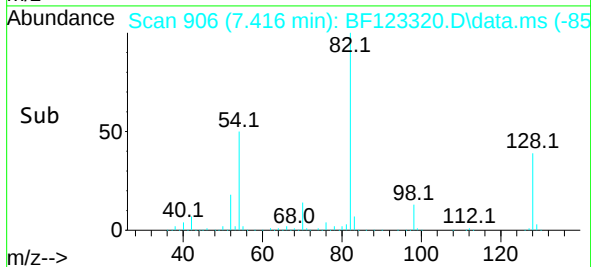
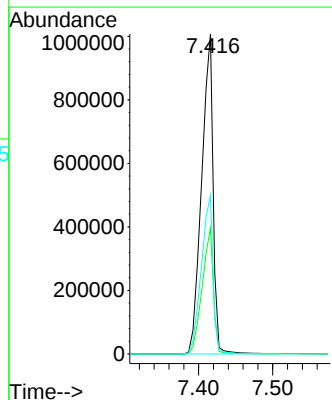
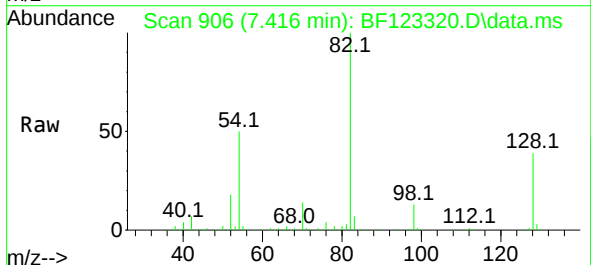


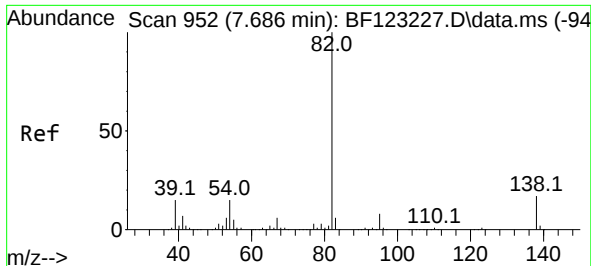
Tgt Ion:136 Resp: 572327
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.4 5.5 8.3#
68 6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 86.80 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123320.D
Acq: 1 Mar 2021 10:33

Tgt Ion: 82 Resp: 1085204
Ion Ratio Lower Upper
82 100
128 39.3 37.0 55.4
54 49.6 38.4 57.6

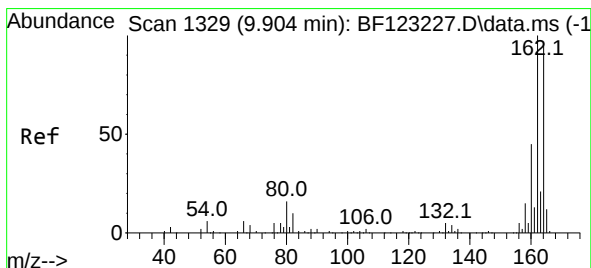
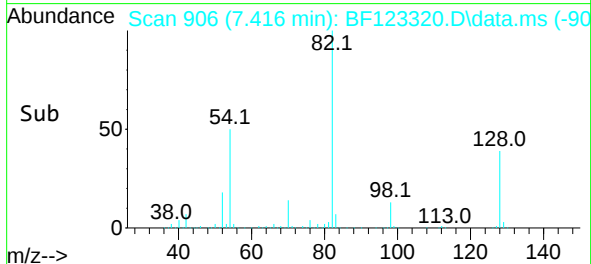
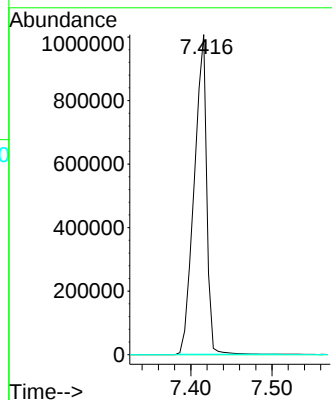
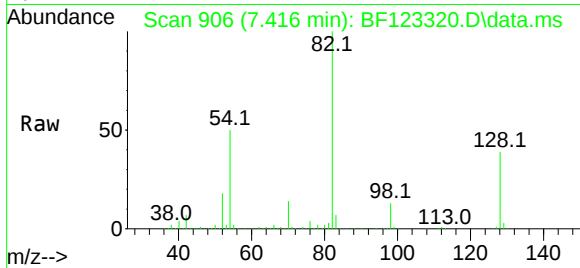




#25
Isophorone
Concen: 45.88 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123320.D
Acq: 1 Mar 2021 10:33

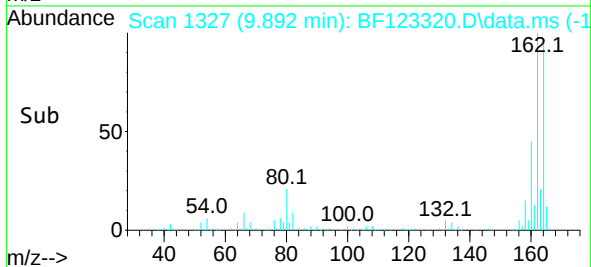
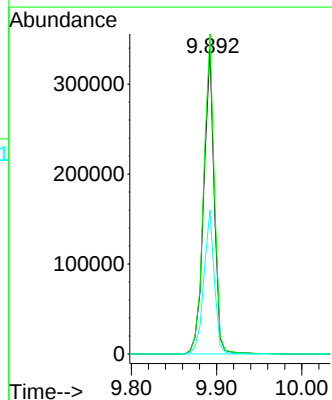
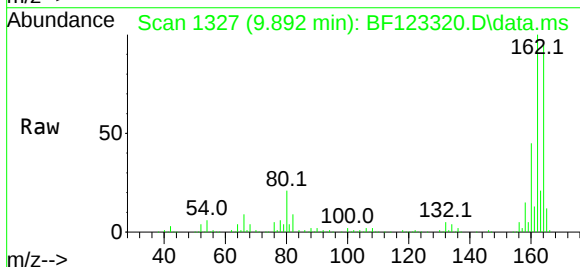
Instrument :
BNA_F
ClientSampleId :
PB134844BL

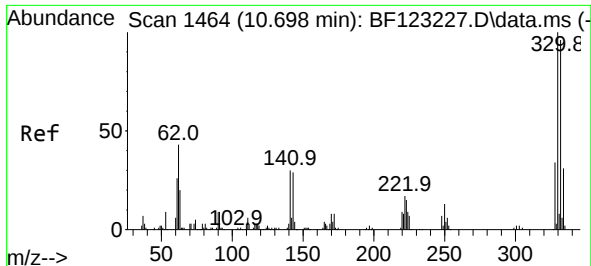
Tgt Ion: 82 Resp: 1072558
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123320.D
Acq: 1 Mar 2021 10:33

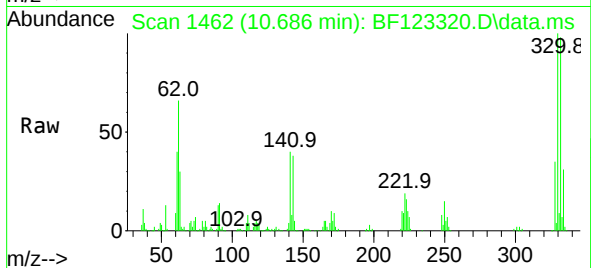
Tgt Ion: 164 Resp: 292473
Ion Ratio Lower Upper
164 100
162 104.9 80.8 121.2
160 47.1 35.4 53.0



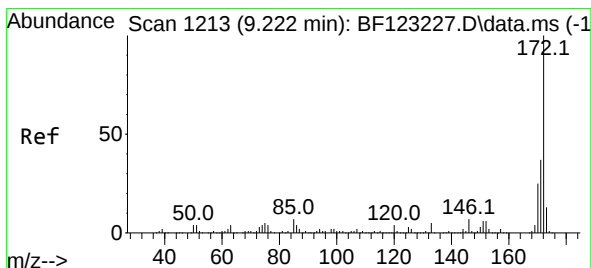
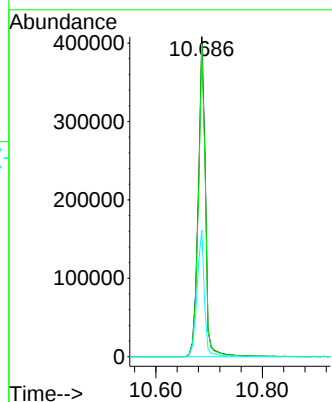
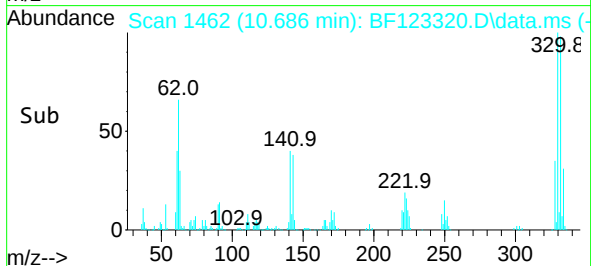


#42
2,4,6-Tribromophenol
Concen: 128.10 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123320.D
Acq: 1 Mar 2021 10:33

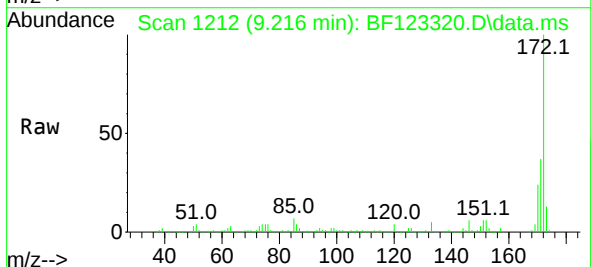
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BNA_F
ClientSampleId :
PB134844BL



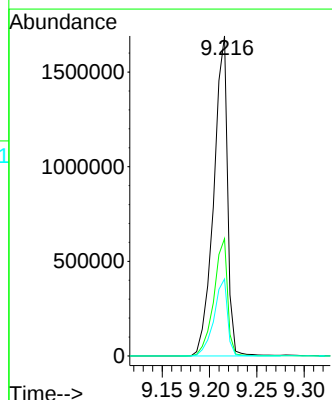
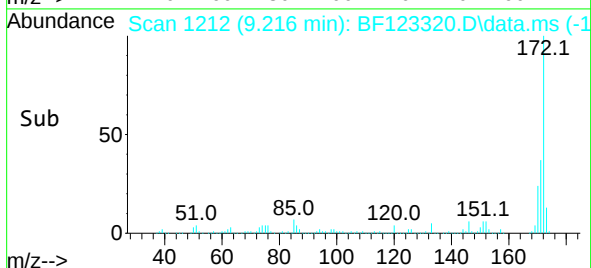
Tgt Ion:330 Resp: 381507
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 41.0 23.8 35.8#

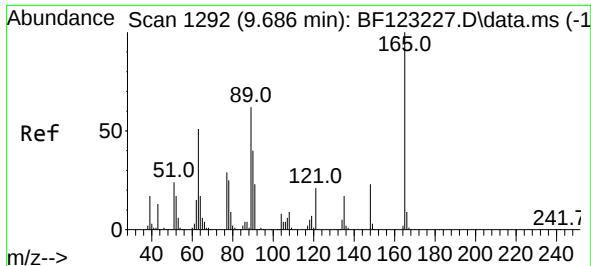


#45
2-Fluorobiphenyl
Concen: 84.39 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123320.D
Acq: 1 Mar 2021 10:33



Tgt Ion:172 Resp: 1718364
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.1 19.5 29.3

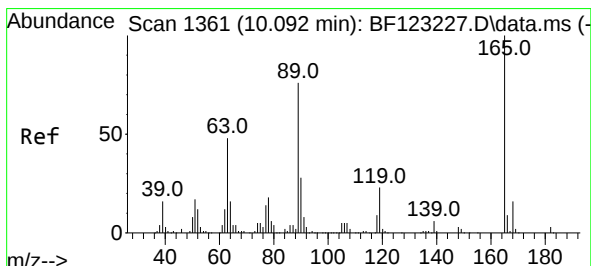
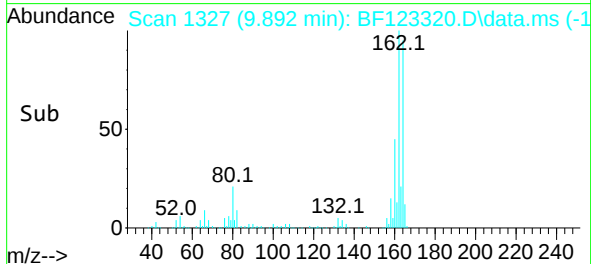
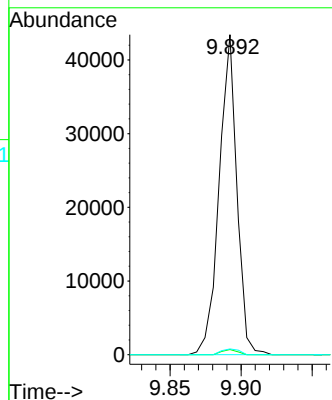
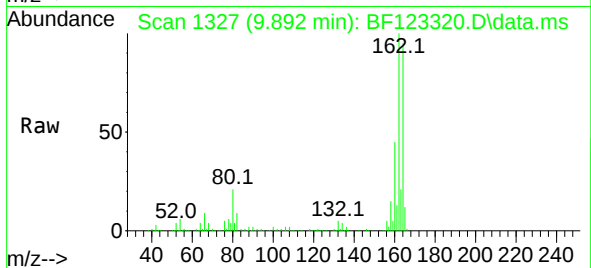




#51
2,6-Dinitrotoluene
Concen: 7.46 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF123320.D
Acq: 1 Mar 2021 10:33

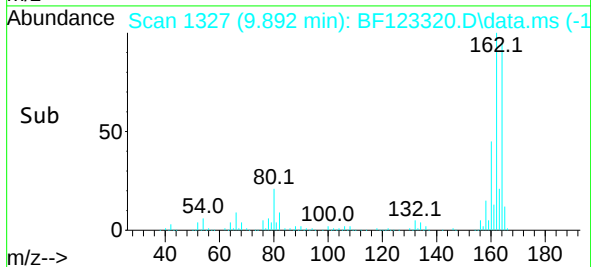
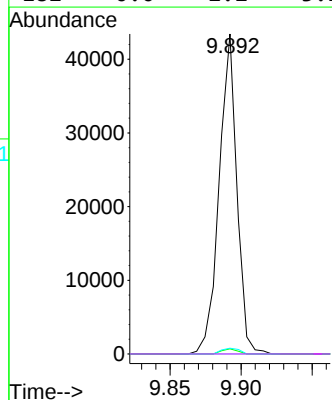
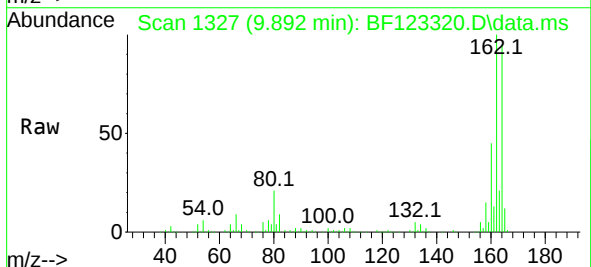
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PB134844BL

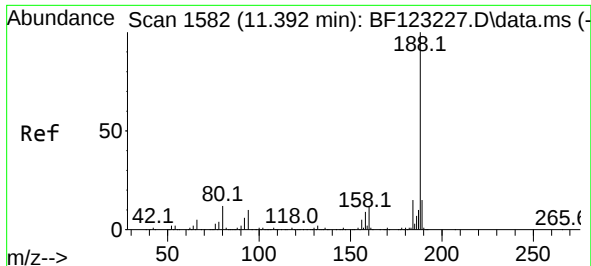
Tgt Ion:165 Resp: 37594
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.8 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.55 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123320.D
Acq: 1 Mar 2021 10:33

Tgt Ion:165 Resp: 37594
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.8 55.2 82.8#
182 0.0 2.2 3.2#

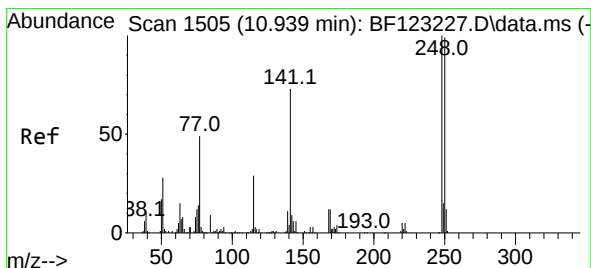
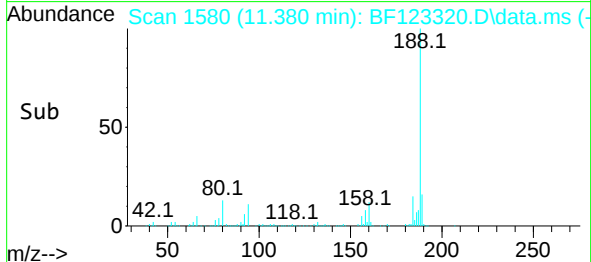
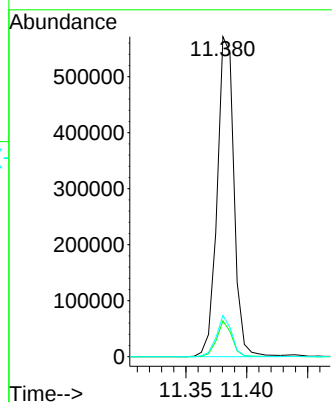
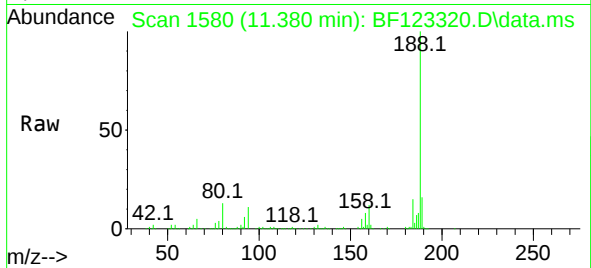




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF123320.D
Acq: 1 Mar 2021 10:33

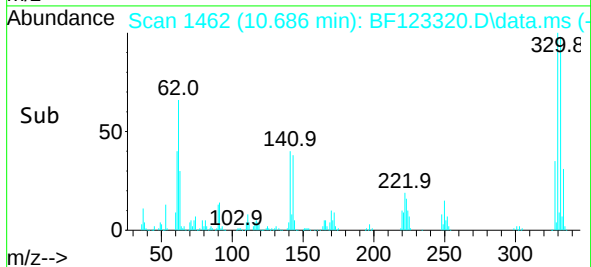
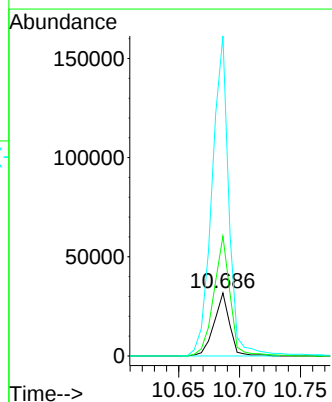
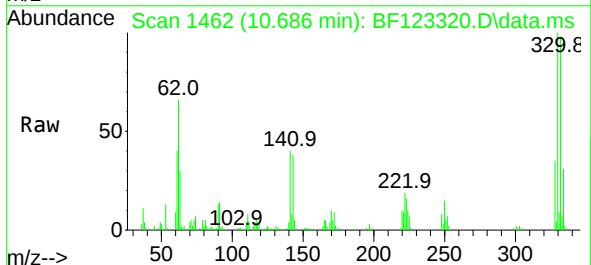
Instrument :
BNA_F
ClientSampleId :
PB134844BL

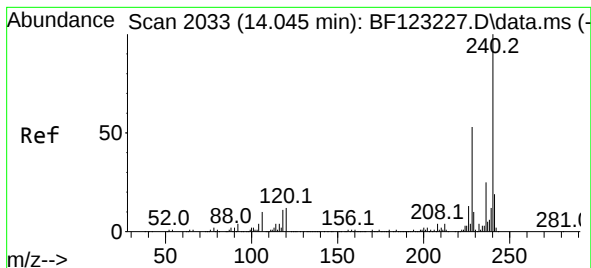
Tgt Ion:188 Resp: 550306
Ion Ratio Lower Upper
188 100
94 11.2 7.4 11.2#
80 12.8 8.2 12.4#



#67
4-Bromophenyl-phenylether
Concen: 4.73 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF123320.D
Acq: 1 Mar 2021 10:33

Tgt Ion:248 Resp: 28398
Ion Ratio Lower Upper
248 100
250 189.9 76.8 115.2#
141 507.2 59.8 89.8#

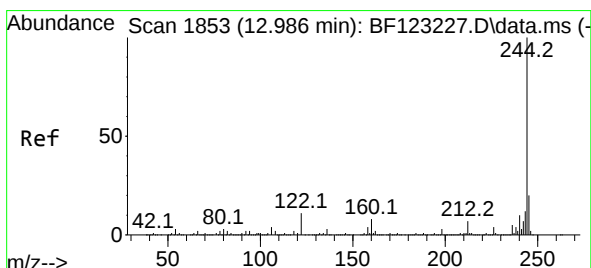
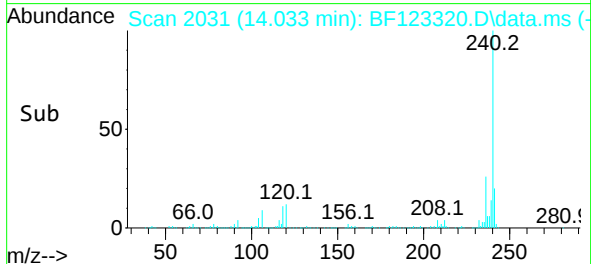
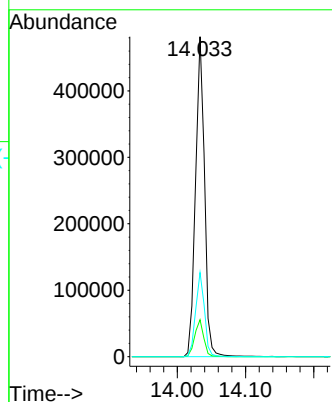
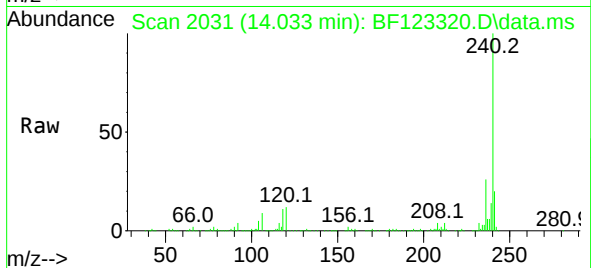




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF123320.D
Acq: 1 Mar 2021 10:33

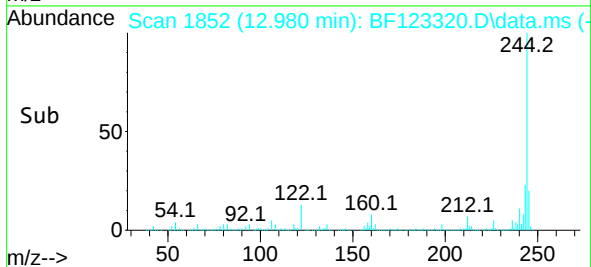
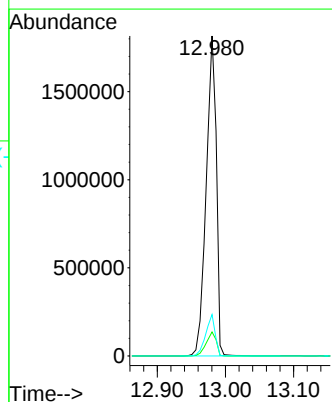
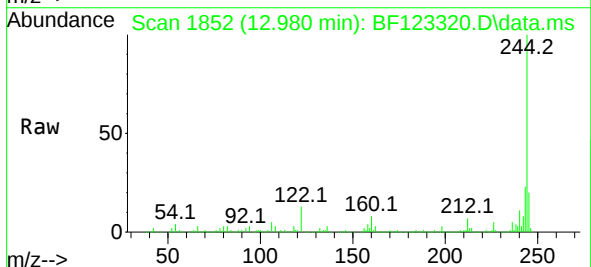
Instrument :
BNA_F
ClientSampleId :
PB134844BL

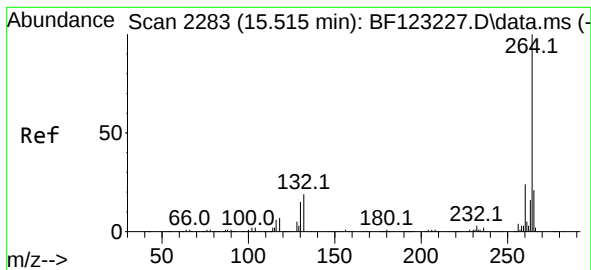
Tgt Ion:240 Resp: 441209
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 26.3 20.3 30.5



#79
Terphenyl-d14
Concen: 81.81 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF123320.D
Acq: 1 Mar 2021 10:33

Tgt Ion:244 Resp: 1877166
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 13.0 8.3 12.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF123320.D
 Acq: 1 Mar 2021 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB134844BL

Tgt Ion:264 Resp: 390577
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 22.2 17.0 25.6

