

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021921\
 Data File : BF123232.D
 Acq On : 19 Feb 2021 18:18
 Operator : JU/CG
 Sample : PB134686BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134739BL

Quant Time: Feb 19 23:11:17 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)

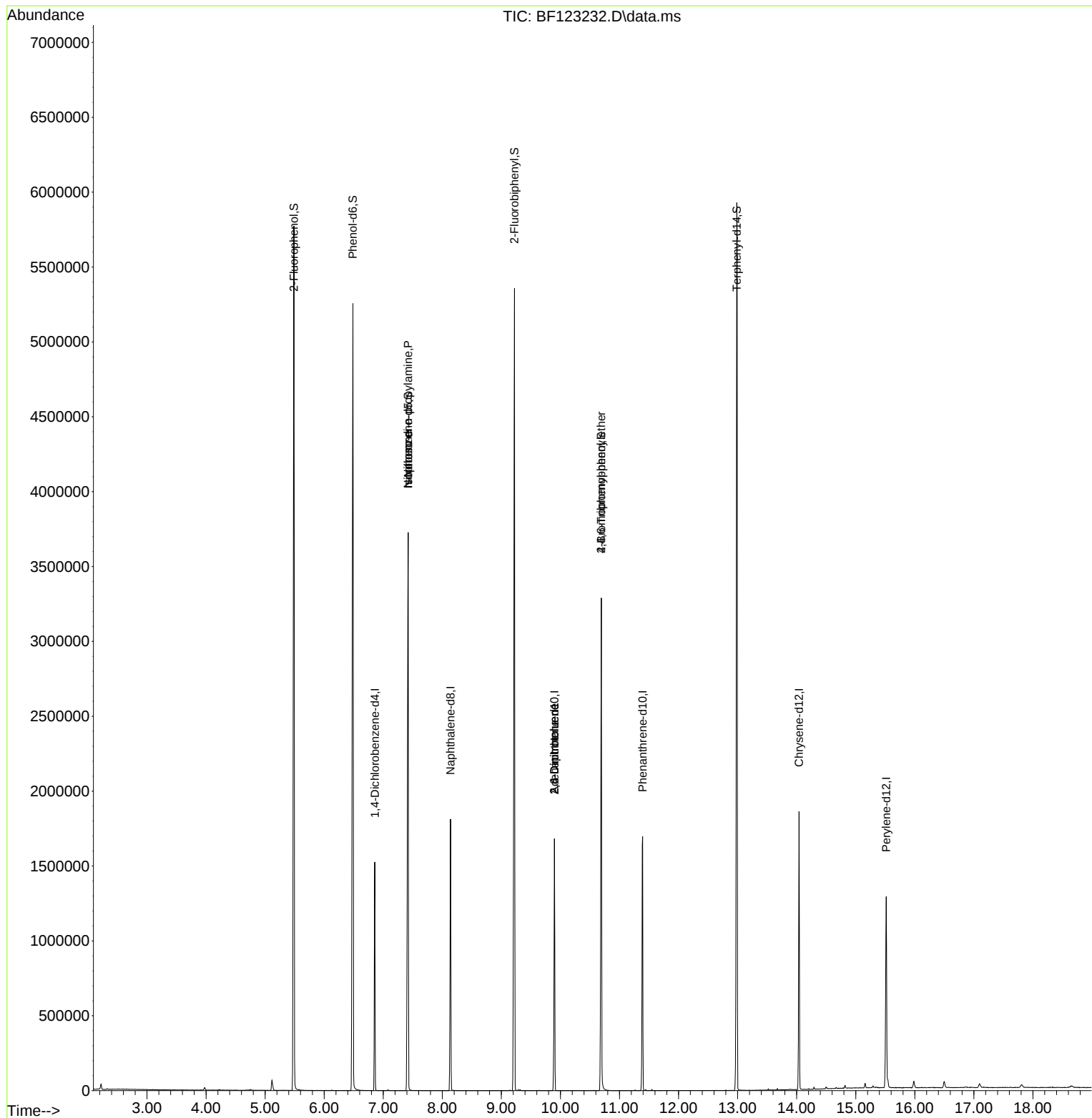
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	196962	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	797447	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	334002	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	649709	20.00	ng	0.00
76) Chrysene-d12	14.039	240	566743	20.00	ng	0.00
86) Perylene-d12	15.515	264	544737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1705619	124.65	ng	0.01
7) Phenol-d6	6.487	99	2182887	117.42	ng	0.00
23) Nitrobenzene-d5	7.422	82	1464472	84.07	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	370797	109.03	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1857704	79.89	ng	0.00
79) Terphenyl-d14	12.986	244	2175117	73.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.487	77	3461	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.422	70	200077	18.09	ng	# 78
25) Isophorone	7.422	82	1455439	44.68	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	42344	7.36	ng	# 31
57) 2,4-Dinitrotoluene	9.898	165	42344	5.47	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	27638	3.90	ng	# 1

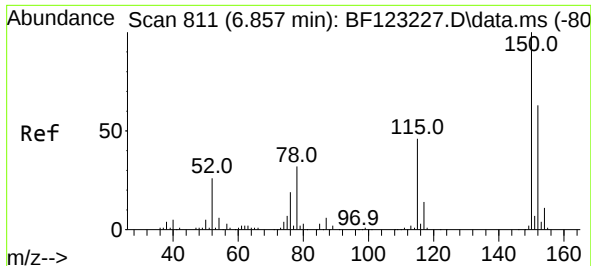
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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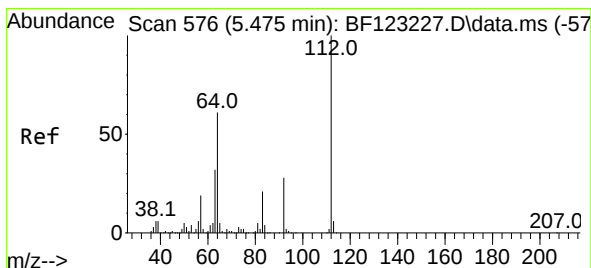
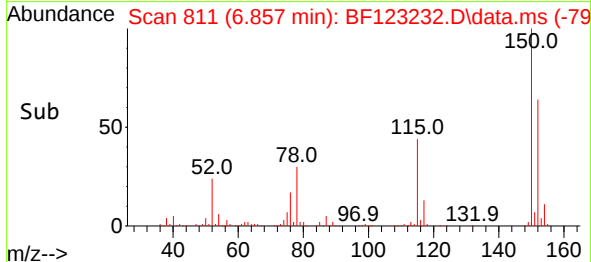
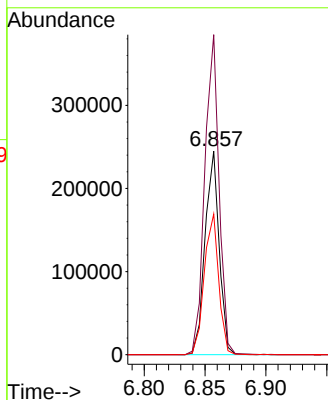
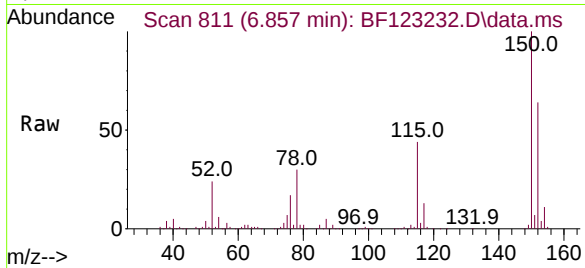




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123232.D
Acq: 19 Feb 2021 18:18

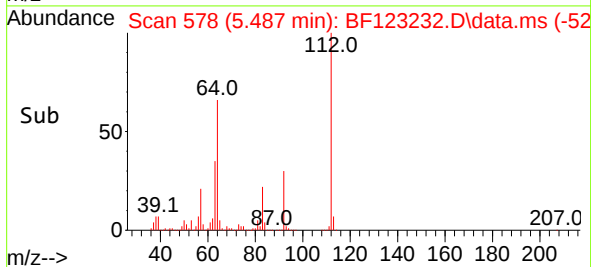
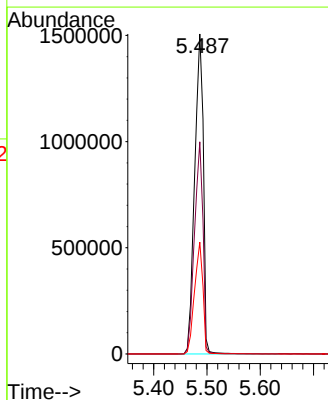
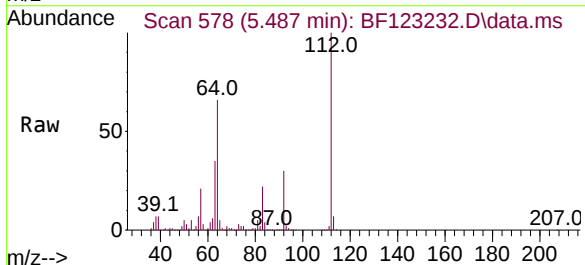
Instrument :
BNA_F
ClientSampleId :
PB134739BL

Tgt Ion:152 Resp: 196962
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.6
115 69.1 49.3 73.9



#5
2-Fluorophenol
Concen: 124.65 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF123232.D
Acq: 19 Feb 2021 18:18

Tgt Ion:112 Resp: 1705619
Ion Ratio Lower Upper
112 100
64 66.3 46.9 70.3
63 34.9 24.5 36.7

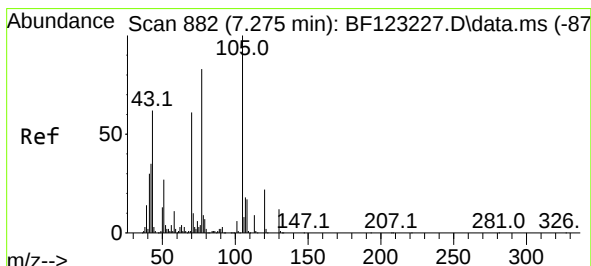
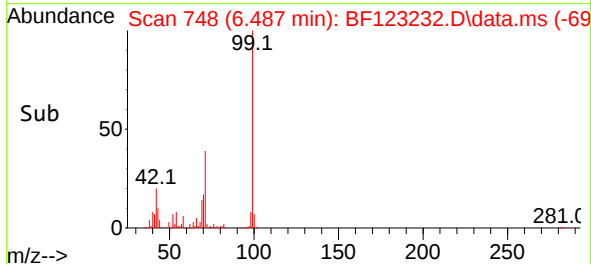
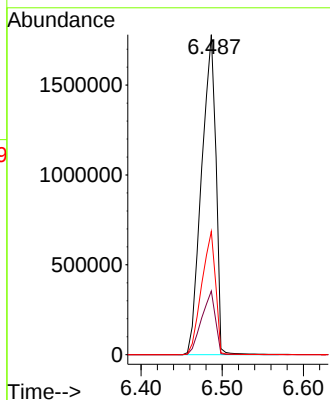
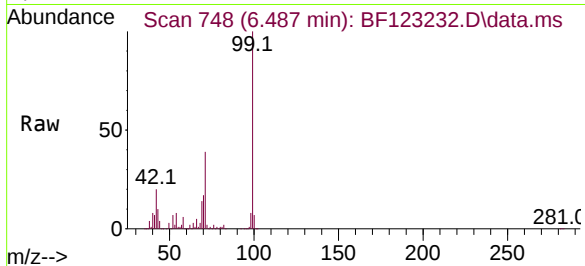




#7
Phenol-d6
Concen: 117.42 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123232.D
Acq: 19 Feb 2021 18:18

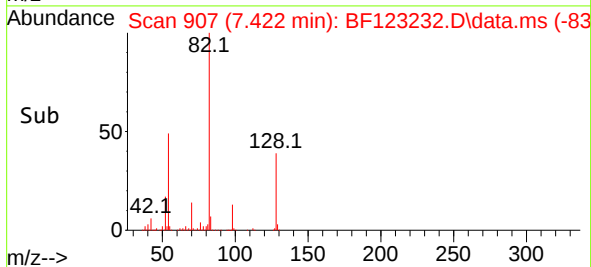
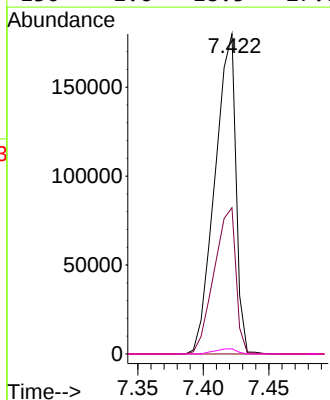
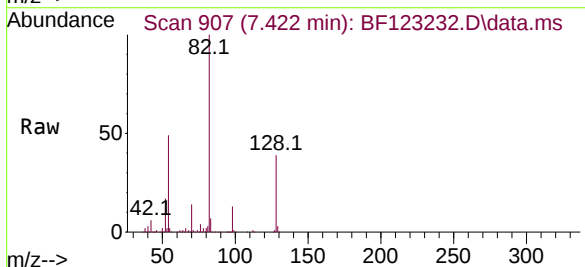
Instrument :
BNA_F
ClientSampleId :
PB134739BL

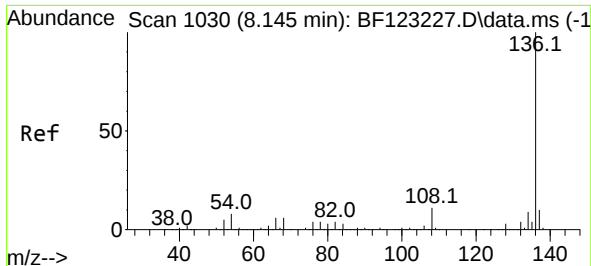
Tgt Ion: 99 Resp: 2182887
Ion Ratio Lower Upper
99 100
42 19.9 13.8 20.6
71 38.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.09 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF123232.D
Acq: 19 Feb 2021 18:18

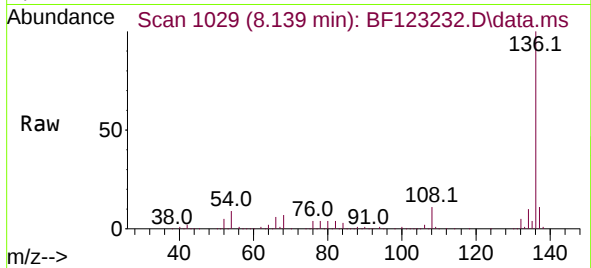
Tgt Ion: 70 Resp: 200077
Ion Ratio Lower Upper
70 100
42 45.7 43.0 64.4
101 0.0 7.9 11.9#
130 1.6 18.5 27.7#



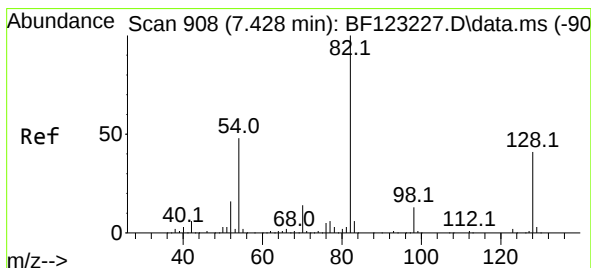
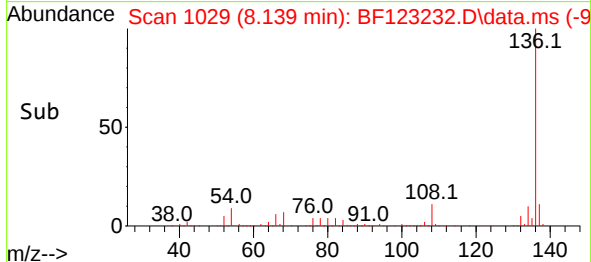
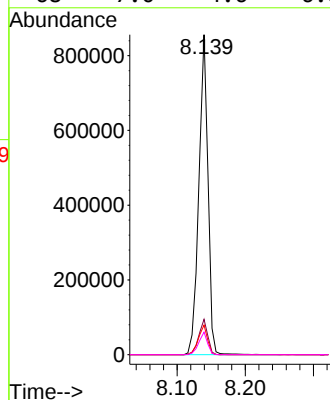


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123232.D
Acq: 19 Feb 2021 18:18

Instrument :
BNA_F
ClientSampleId :
PB134739BL

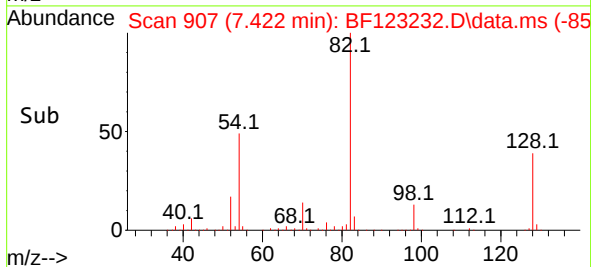
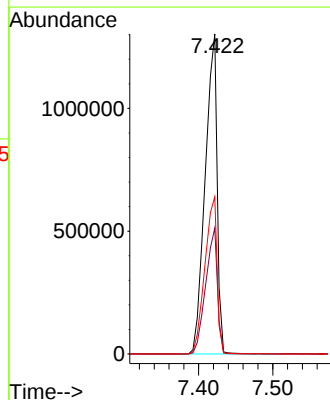
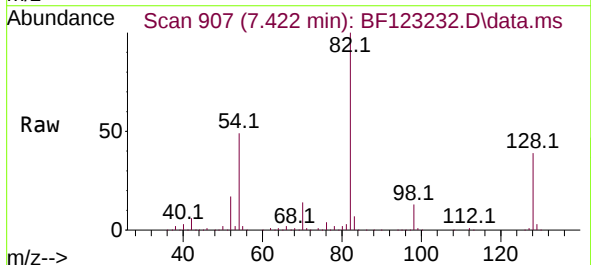


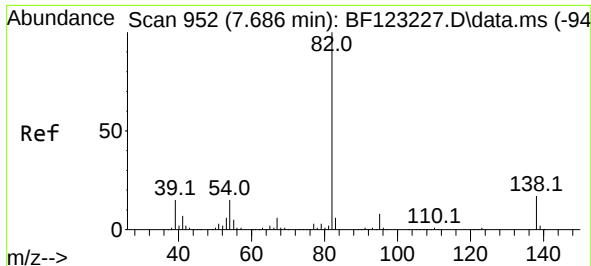
Tgt Ion:136 Resp: 797447
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.3 5.5 8.3#
68 7.0 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 84.07 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF123232.D
Acq: 19 Feb 2021 18:18

Tgt Ion: 82 Resp: 1464472
Ion Ratio Lower Upper
82 100
128 39.4 37.0 55.4
54 49.1 38.4 57.6

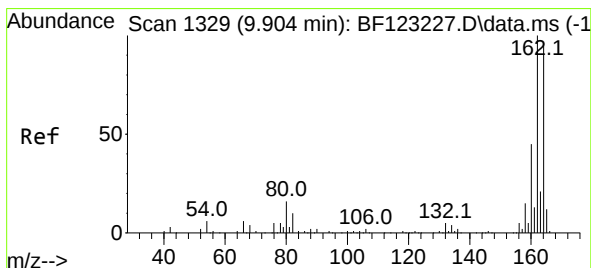
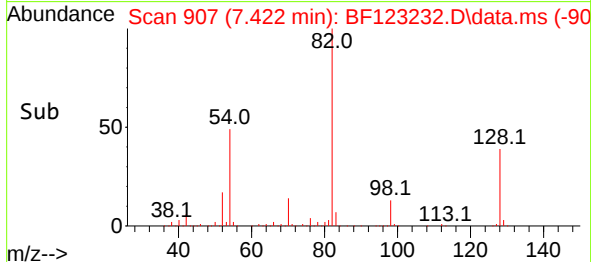
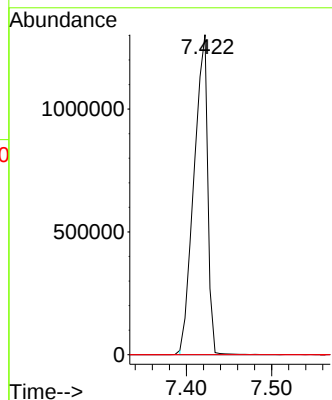
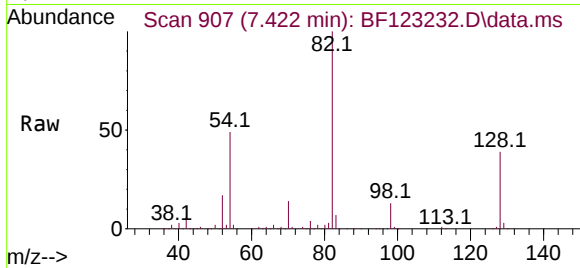




#25
Isophorone
Concen: 44.68 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF123232.D
Acq: 19 Feb 2021 18:18

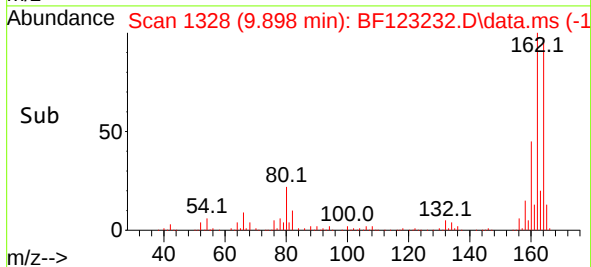
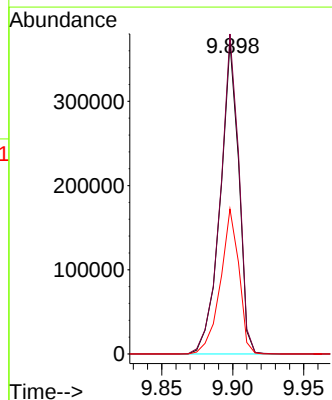
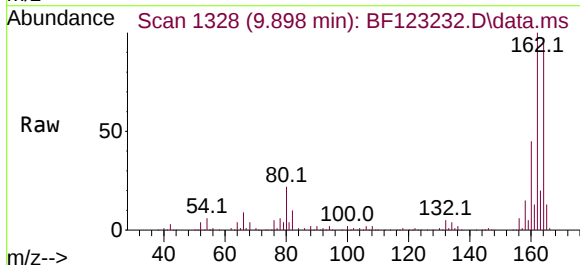
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ClientSampleId :
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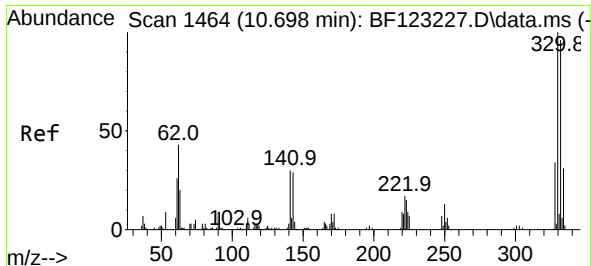
Tgt Ion: 82 Resp: 1455439
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123232.D
Acq: 19 Feb 2021 18:18

Tgt Ion: 164 Resp: 334002
Ion Ratio Lower Upper
164 100
162 102.8 80.8 121.2
160 46.5 35.4 53.0

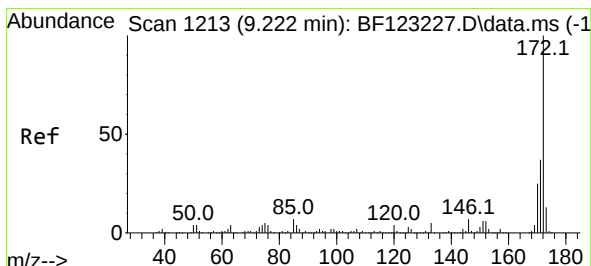
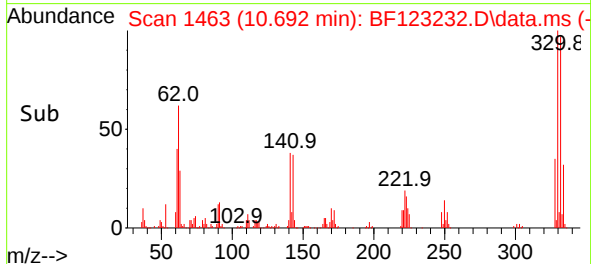
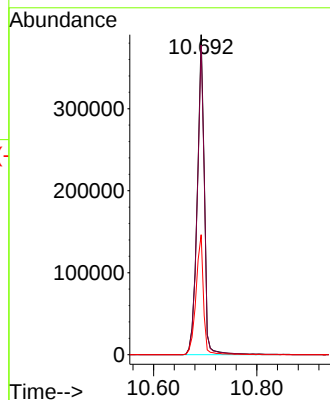
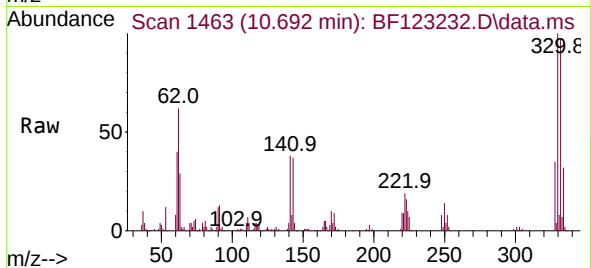




#42
2,4,6-Tribromophenol
Concen: 109.03 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123232.D
Acq: 19 Feb 2021 18:18

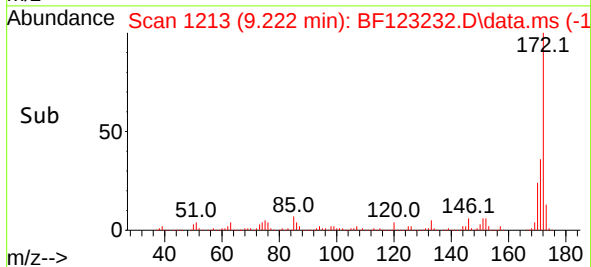
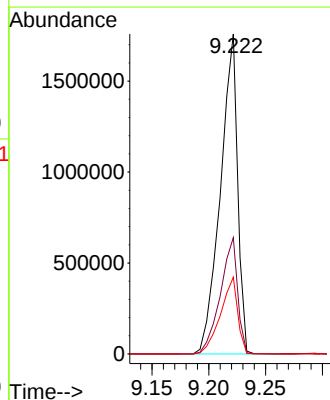
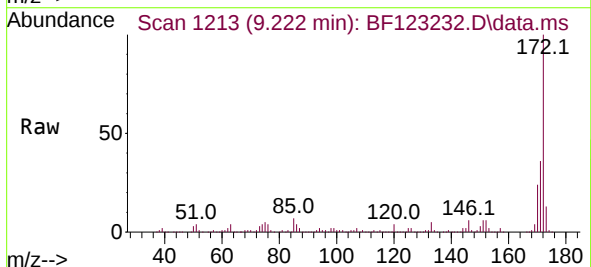
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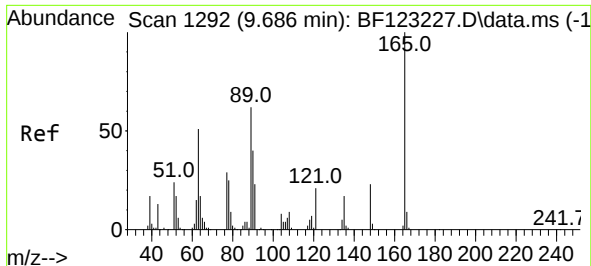
Tgt Ion:330 Resp: 370797
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 39.5 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 79.89 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF123232.D
Acq: 19 Feb 2021 18:18

Tgt Ion:172 Resp: 1857704
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.0 19.5 29.3

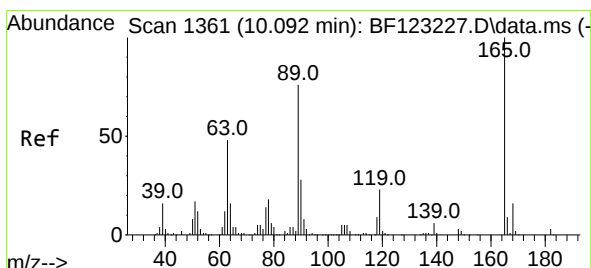
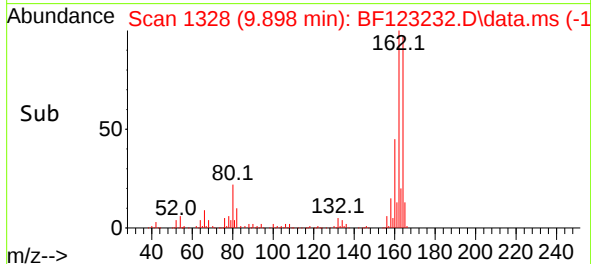
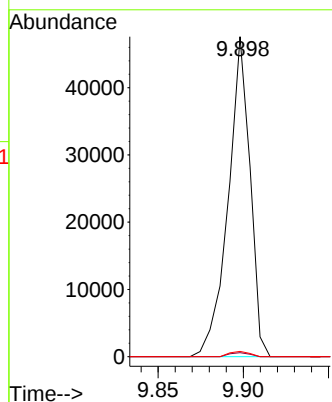
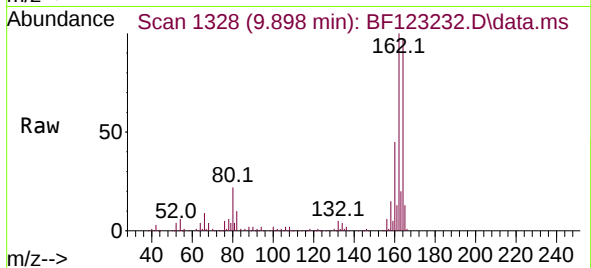




#51
2,6-Dinitrotoluene
Concen: 7.36 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123232.D
Acq: 19 Feb 2021 18:18

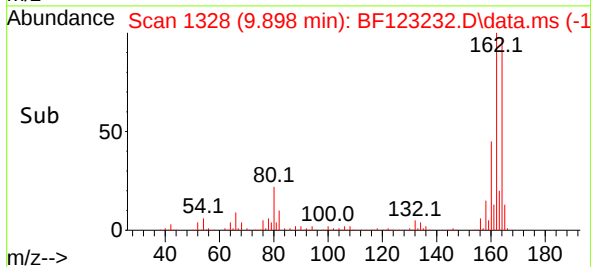
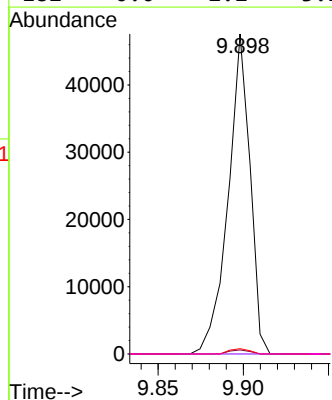
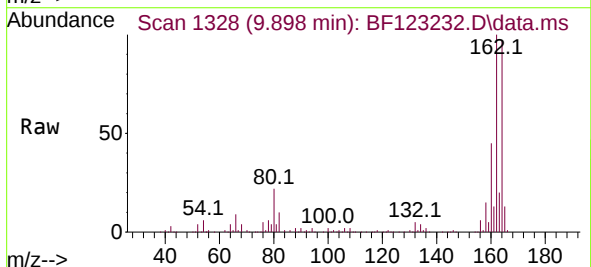
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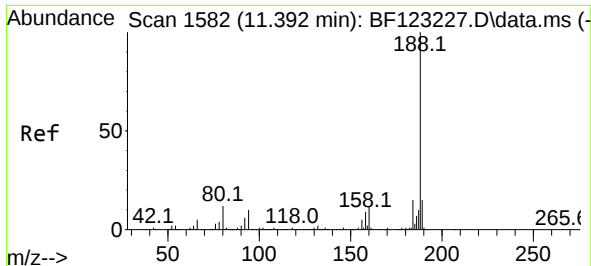
Tgt Ion:165 Resp: 42344
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.7 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.47 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123232.D
Acq: 19 Feb 2021 18:18

Tgt Ion:165 Resp: 42344
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.7 55.2 82.8#
182 0.0 2.2 3.2#

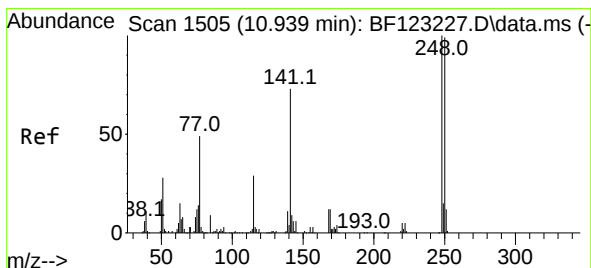
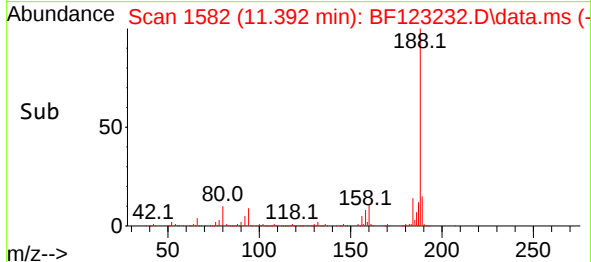
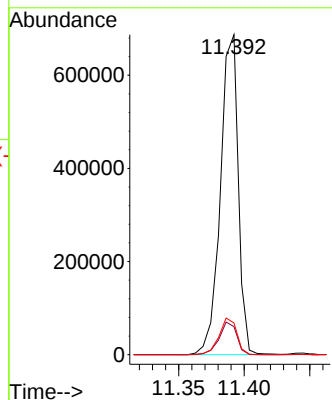
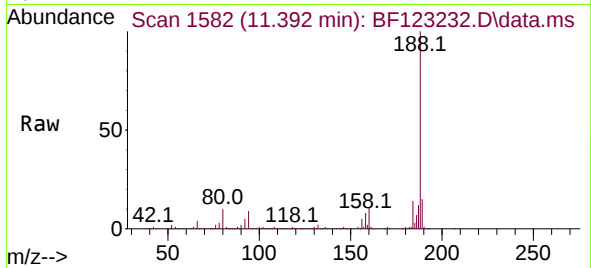




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF123232.D
Acq: 19 Feb 2021 18:18

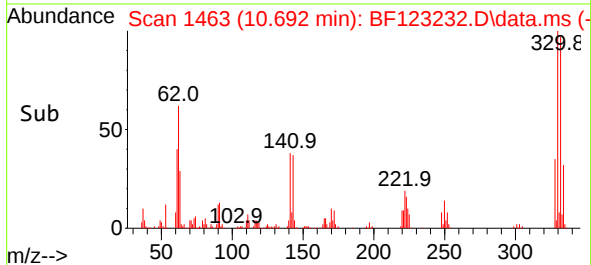
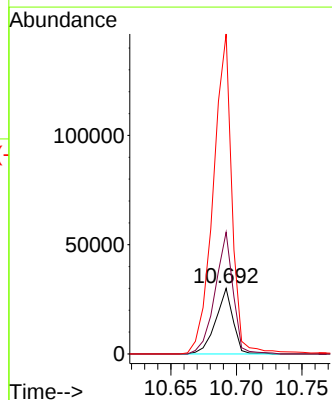
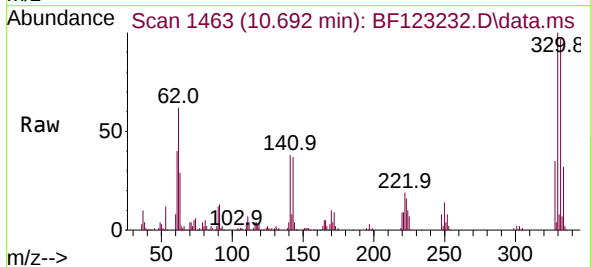
Instrument :
BNA_F
ClientSampleId :
PB134739BL

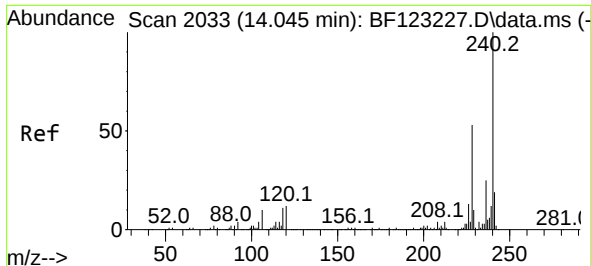
Tgt Ion:188 Resp: 649709
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.9 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123232.D
Acq: 19 Feb 2021 18:18

Tgt Ion:248 Resp: 27638
Ion Ratio Lower Upper
248 100
250 185.4 76.8 115.2#
141 487.6 59.8 89.8#

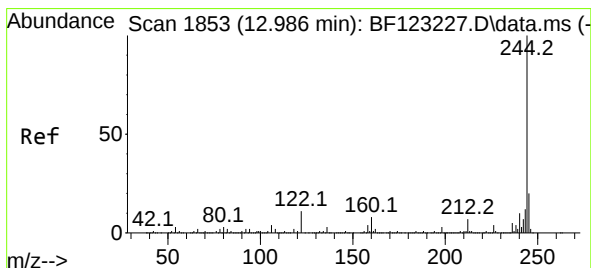
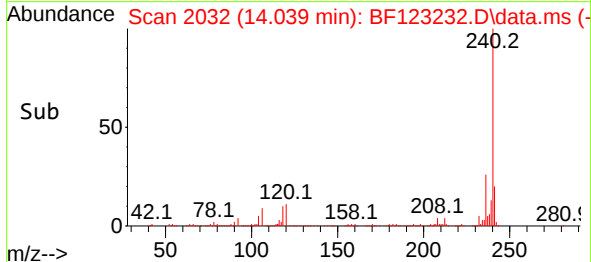
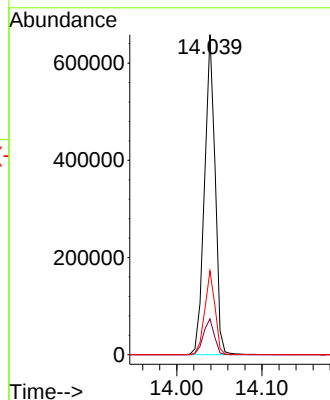
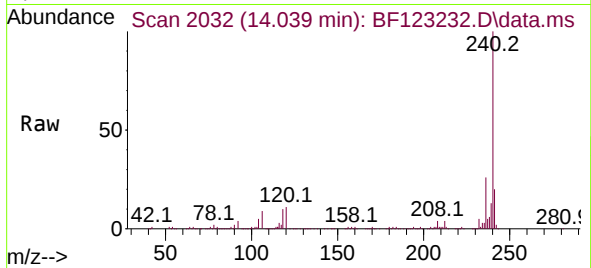




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123232.D
Acq: 19 Feb 2021 18:18

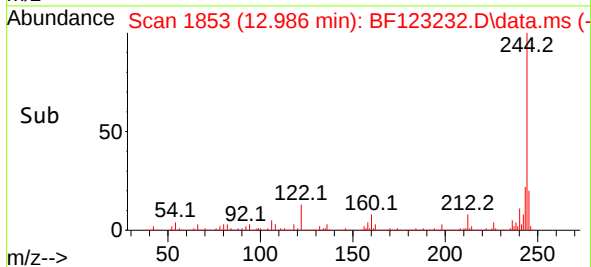
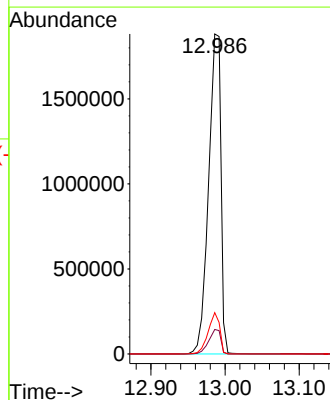
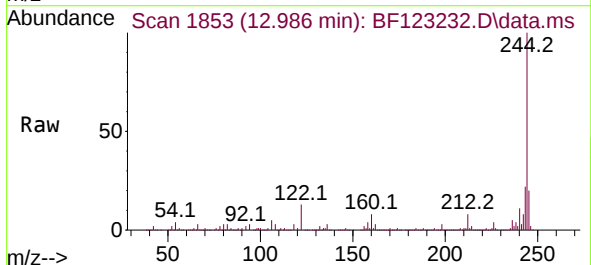
Instrument :
BNA_F
ClientSampleId :
PB134739BL

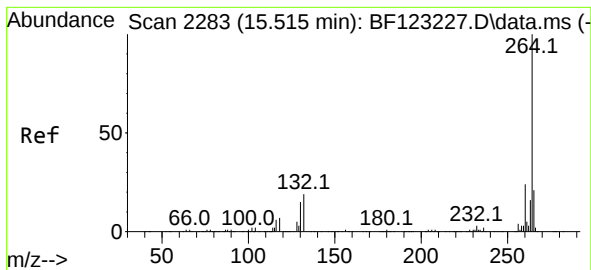
Tgt Ion:240 Resp: 566743
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 26.2 20.3 30.5



#79
Terphenyl-d14
Concen: 73.80 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123232.D
Acq: 19 Feb 2021 18:18

Tgt Ion:244 Resp: 2175117
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 12.9 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: BF123232.D
Acq: 19 Feb 2021 18:18

Instrument :
BNA_F
ClientSampleId :
PB134739BL

Tgt Ion:264 Resp: 544737

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.0	17.0	25.6

