

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
 Data File : BG051134.D
 Acq On : 19 Nov 2021 22:46
 Operator : CG/JU
 Sample : M4758-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP1

Quant Time: Nov 20 03:38:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

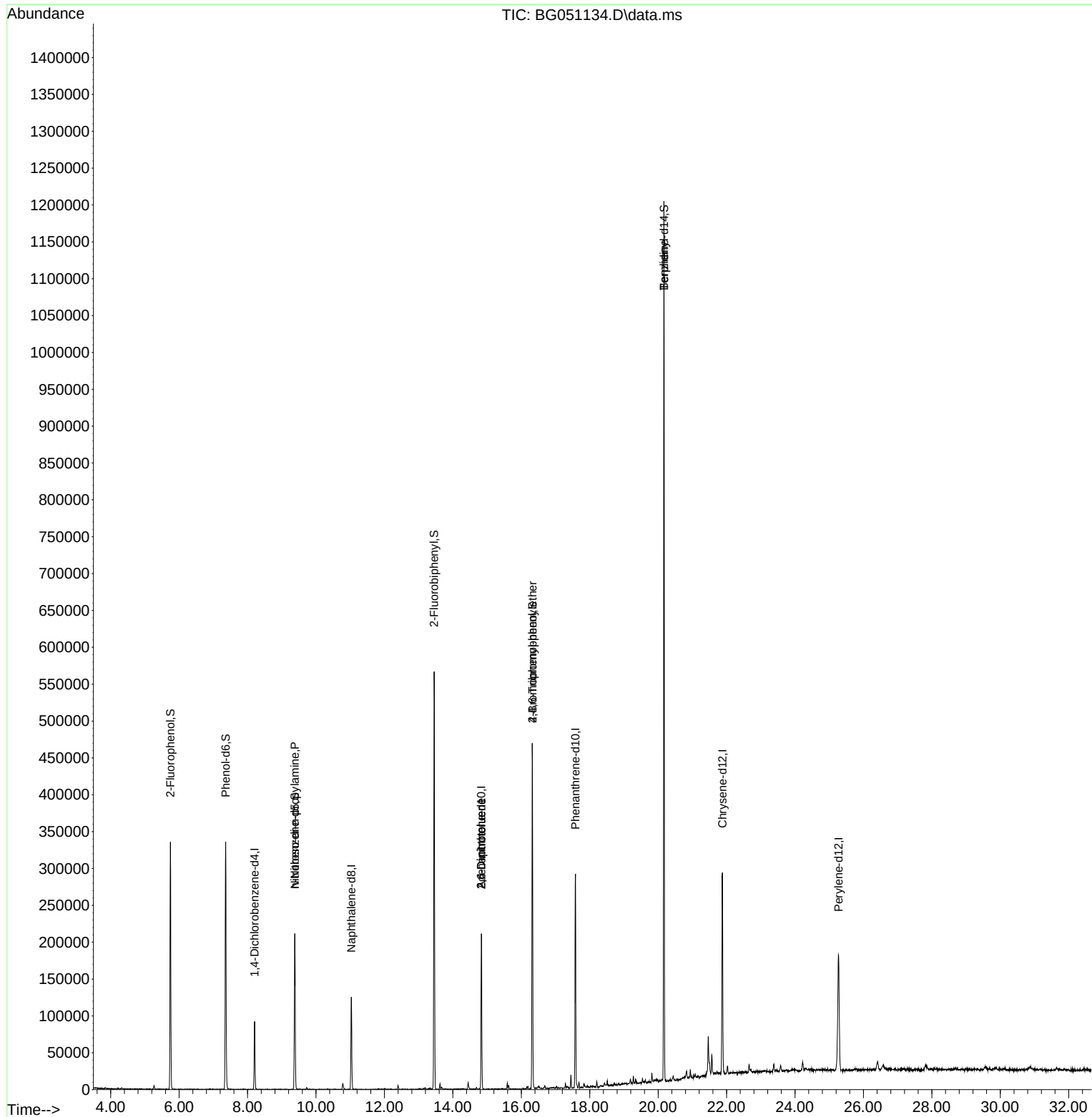
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	25490	20.000	ng	# 0.00
21) Naphthalene-d8	11.033	136	106809	20.000	ng	# 0.00
39) Acenaphthene-d10	14.834	164	75150	20.000	ng	0.00
64) Phenanthrene-d10	17.584	188	185261	20.000	ng	# 0.00
76) Chrysene-d12	21.879	240	172298	20.000	ng	# 0.00
86) Perylene-d12	25.275	264	172094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.745	112	147195	89.267	ng	0.00
7) Phenol-d6	7.360	99	199432	85.871	ng	0.00
23) Nitrobenzene-d5	9.381	82	139268	59.521	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	79223	99.184	ng	0.00
45) 2-Fluorobiphenyl	13.453	172	290952	58.422	ng	0.00
79) Terphenyl-d14	20.169	244	537038	56.980	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.381	70	19116	11.151	ng	# 64
51) 2,6-Dinitrotoluene	14.834	165	9670	7.996	ng	# 10
57) 2,4-Dinitrotoluene	14.834	165	9670	5.583	ng	# 15
67) 4-Bromophenyl-phenylether	16.326	248	6120	3.054	ng	# 1
77) Benzidine	20.169	184	8626	3.049	ng	# 94

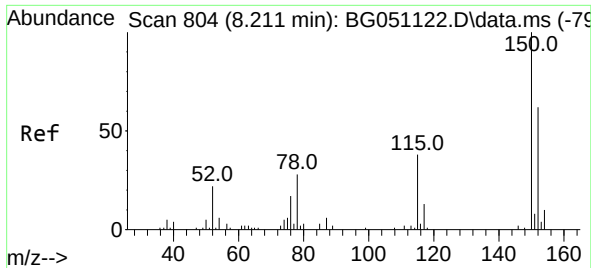
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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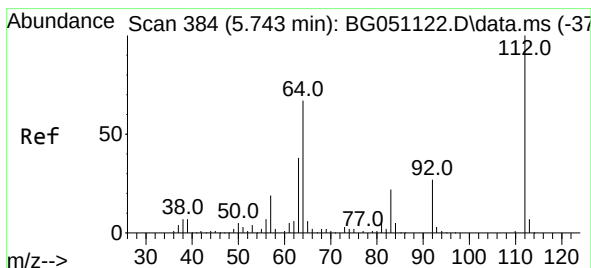
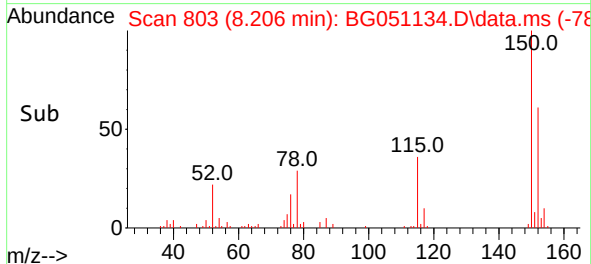
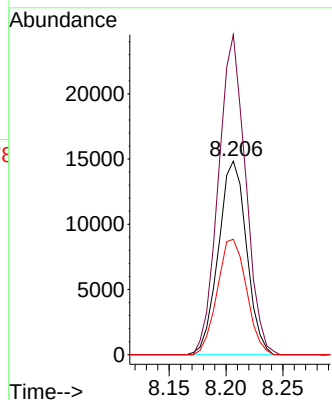
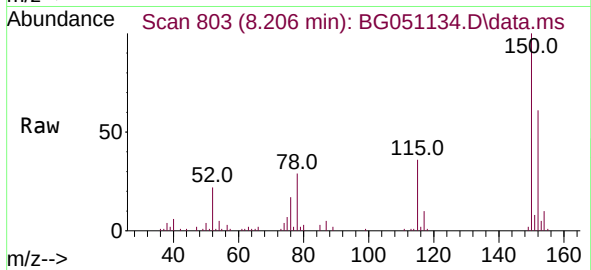




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 804
Delta R.T. -0.005 min
Lab File: BG051134.D
Acq: 19 Nov 2021 22:46

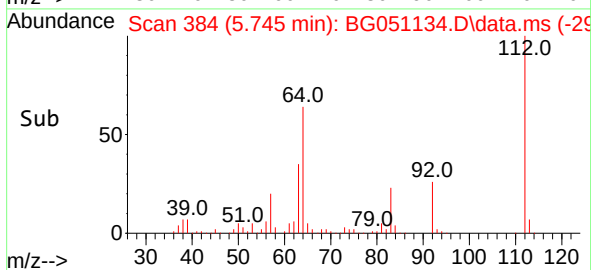
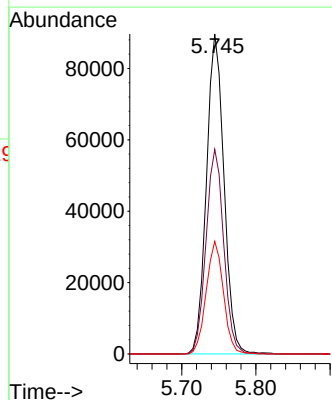
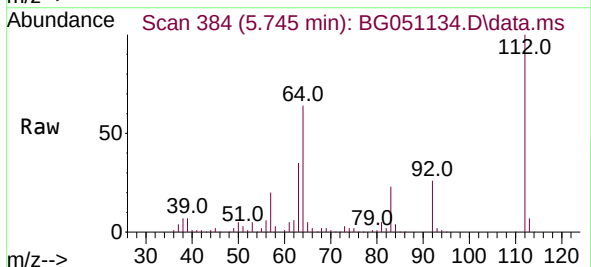
Instrument :
BNA_G
ClientSampleId :
TP1

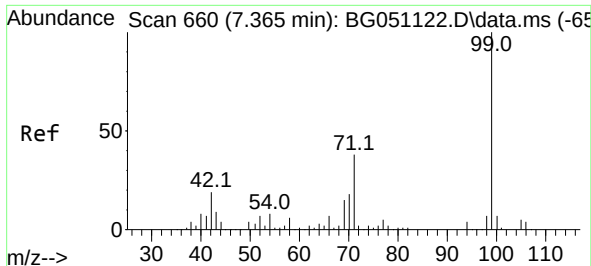
Tgt Ion:152 Resp: 25490
Ion Ratio Lower Upper
152 100
150 165.2 119.4 179.0
115 59.6 60.2 90.4#



#5
2-Fluorophenol
Concen: 89.267 ng
RT: 5.745 min Scan# 384
Delta R.T. 0.001 min
Lab File: BG051134.D
Acq: 19 Nov 2021 22:46

Tgt Ion:112 Resp: 147195
Ion Ratio Lower Upper
112 100
64 63.9 46.7 70.1
63 35.2 35.3 52.9#

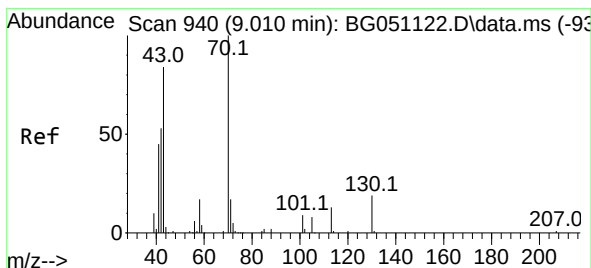
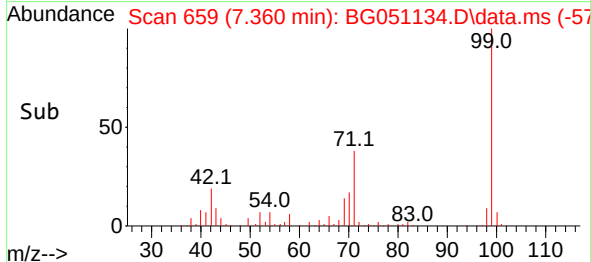
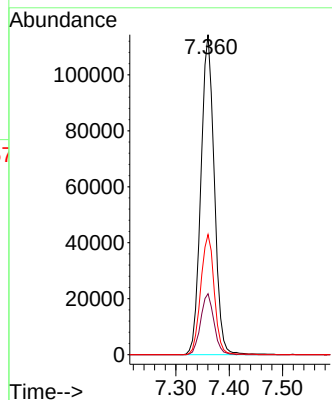
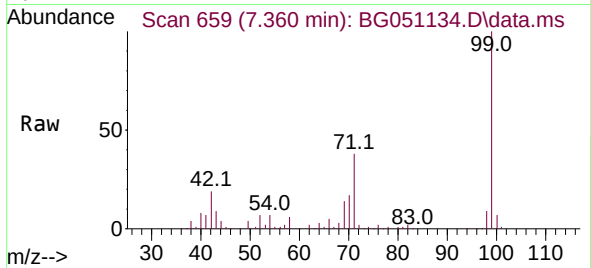




#7
Phenol-d6
Concen: 85.871 ng
RT: 7.360 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG051134.D
Acq: 19 Nov 2021 22:46

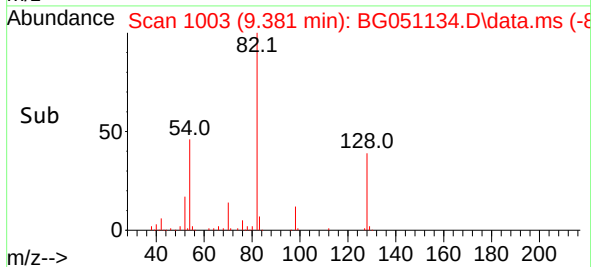
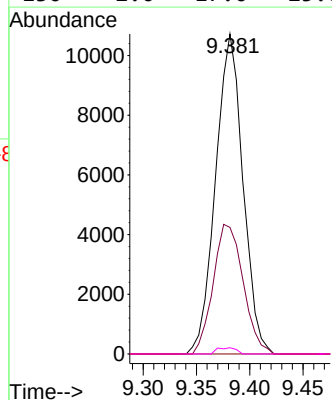
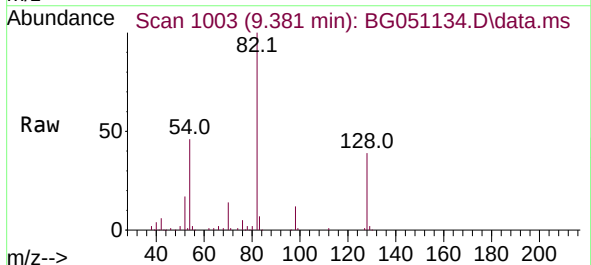
Instrument :
BNA_G
ClientSampleId :
TP1

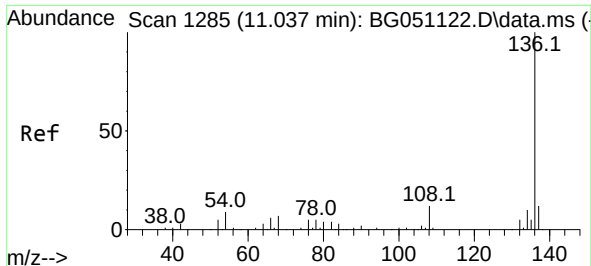
Tgt Ion: 99 Resp: 199432
Ion Ratio Lower Upper
99 100
42 19.0 20.5 30.7#
71 37.6 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 11.151 ng
RT: 9.381 min Scan# 1003
Delta R.T. 0.371 min
Lab File: BG051134.D
Acq: 19 Nov 2021 22:46

Tgt Ion: 70 Resp: 19116
Ion Ratio Lower Upper
70 100
42 39.6 54.5 81.7#
101 0.0 9.0 13.6#
130 2.0 17.0 25.6#

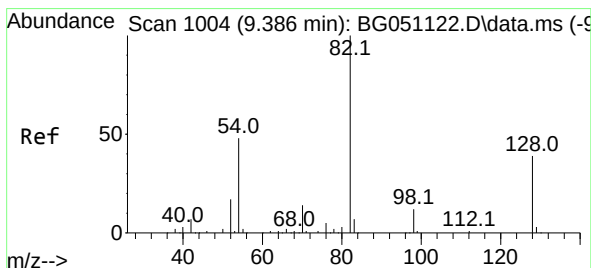
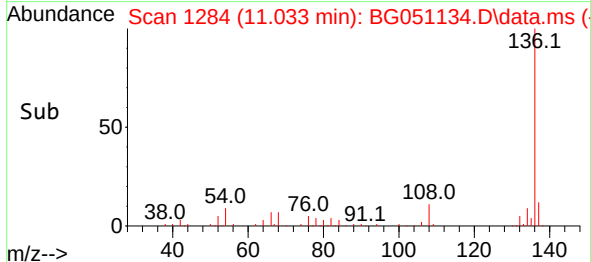
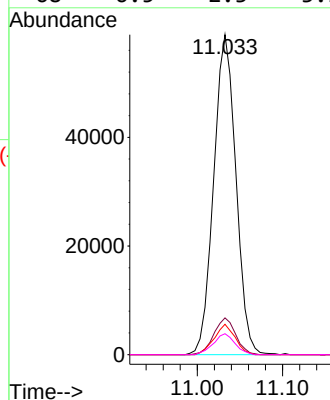
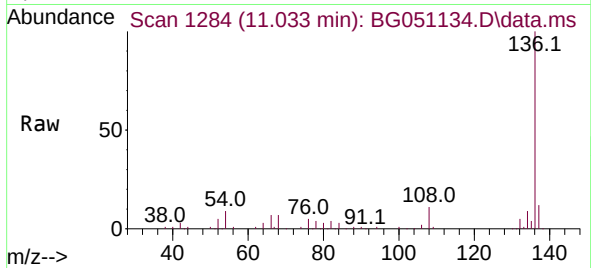




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.033 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG051134.D
Acq: 19 Nov 2021 22:46

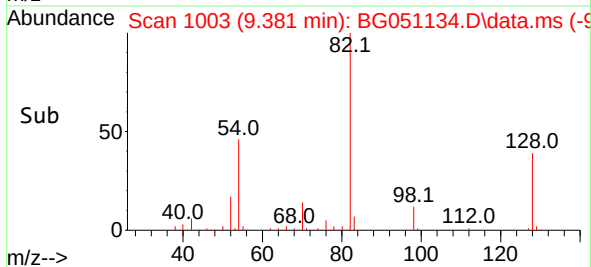
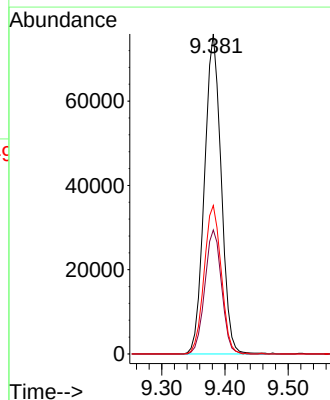
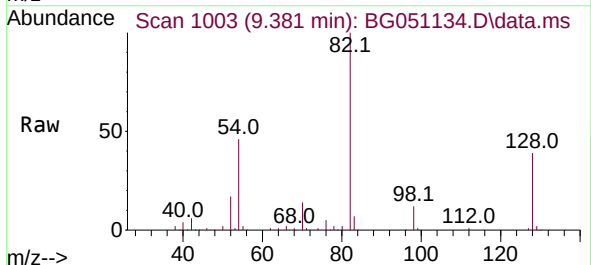
Instrument :
BNA_G
ClientSampleId :
TP1

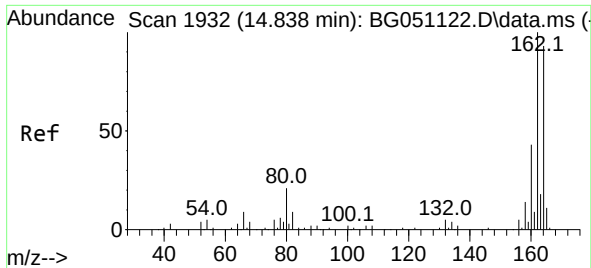
Tgt Ion:136 Resp: 106809
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.2
54 9.5 5.5 8.3#
68 6.5 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 59.521 ng
RT: 9.381 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG051134.D
Acq: 19 Nov 2021 22:46

Tgt Ion: 82 Resp: 139268
Ion Ratio Lower Upper
82 100
128 38.8 29.8 44.6
54 46.4 45.8 68.8

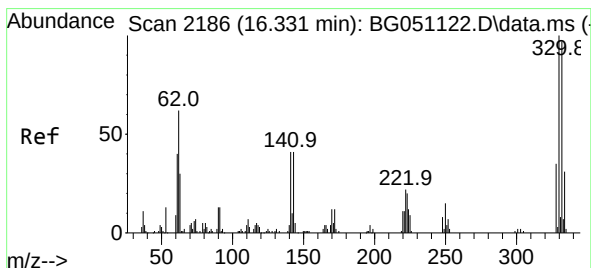
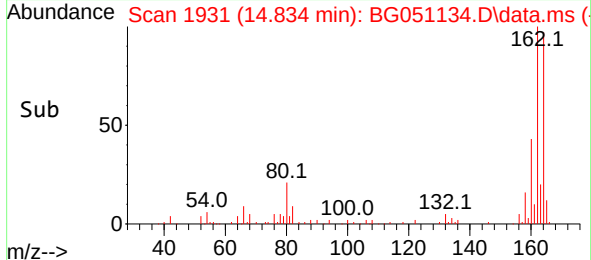
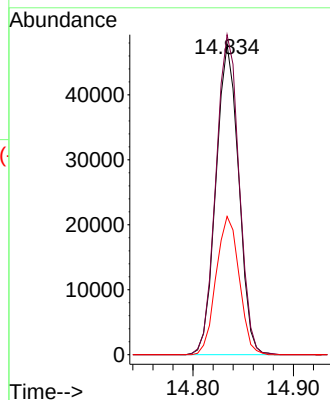
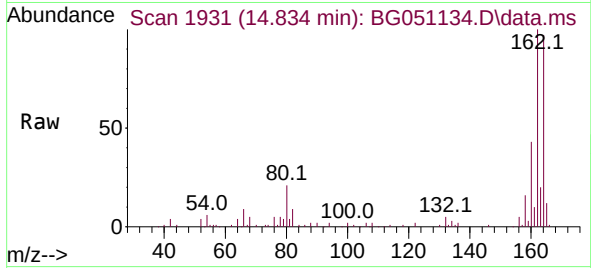




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.834 min Scan# 1932
Delta R.T. -0.004 min
Lab File: BG051134.D
Acq: 19 Nov 2021 22:46

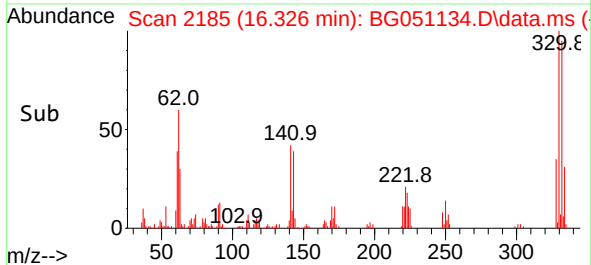
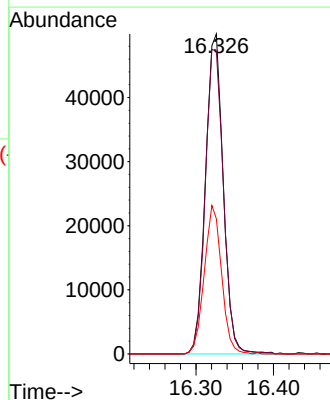
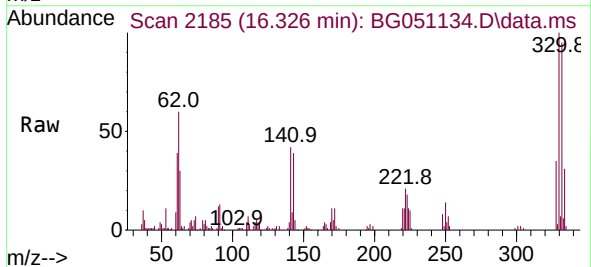
Instrument :
BNA_G
ClientSampleId :
TP1

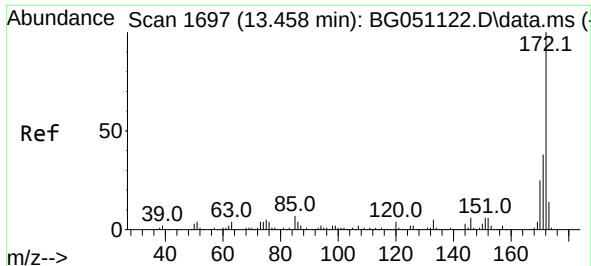
Tgt Ion:164	Resp:	75150
Ion Ratio	Lower	Upper
164	100	
162	103.1	81.4 122.0
160	44.5	34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 99.184 ng
RT: 16.326 min Scan# 2185
Delta R.T. -0.005 min
Lab File: BG051134.D
Acq: 19 Nov 2021 22:46

Tgt Ion:330	Resp:	79223
Ion Ratio	Lower	Upper
330	100	
332	97.5	77.3 115.9
141	45.3	35.6 53.4

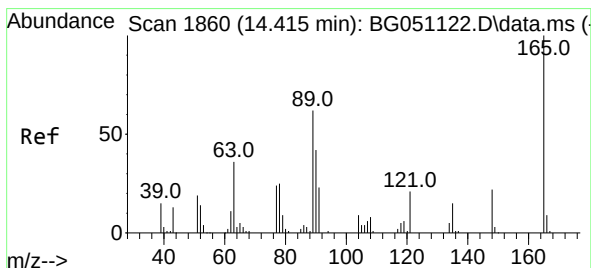
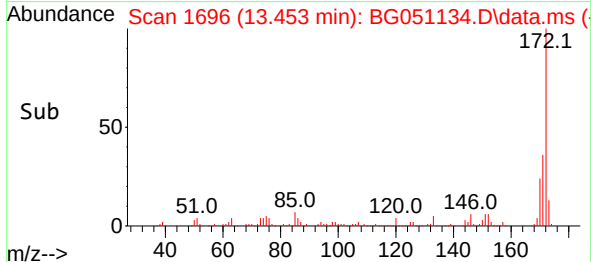
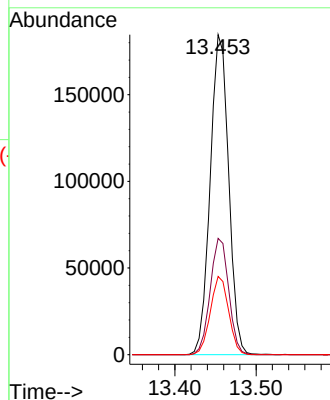
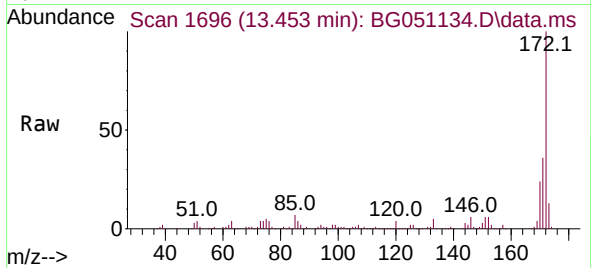




#45
2-Fluorobiphenyl
Concen: 58.422 ng
RT: 13.453 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG051134.D
Acq: 19 Nov 2021 22:46

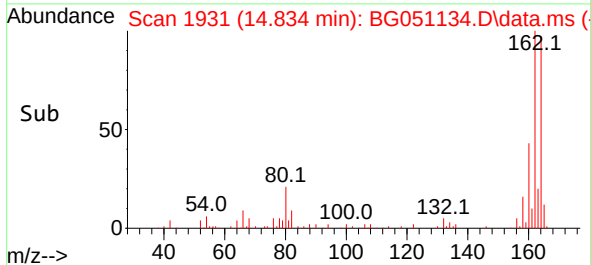
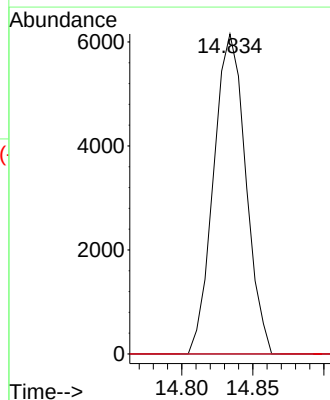
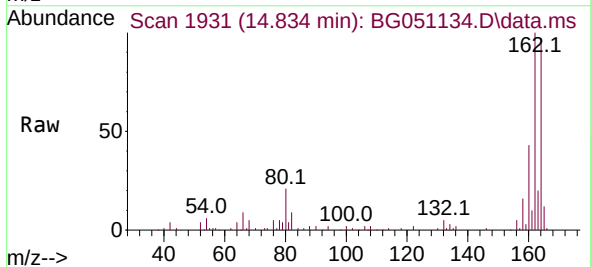
Instrument :
BNA_G
ClientSampleId :
TP1

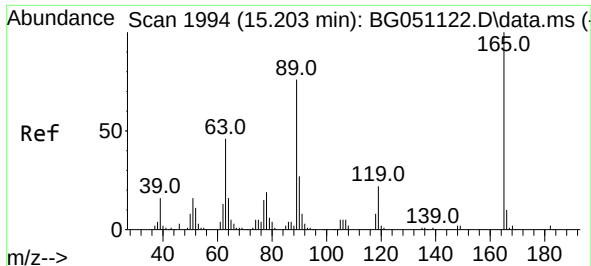
Tgt Ion:172 Resp: 290952
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.996 ng
RT: 14.834 min Scan# 1931
Delta R.T. 0.418 min
Lab File: BG051134.D
Acq: 19 Nov 2021 22:46

Tgt Ion:165 Resp: 9670
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#





#57

2,4-Dinitrotoluene

Concen: 5.583 ng

RT: 14.834 min Scan# 1994

Delta R.T. -0.369 min

Lab File: BG051134.D

Acq: 19 Nov 2021 22:46

Instrument :

BNA_G

ClientSampleId :

TP1

Tgt Ion:165 Resp: 9670

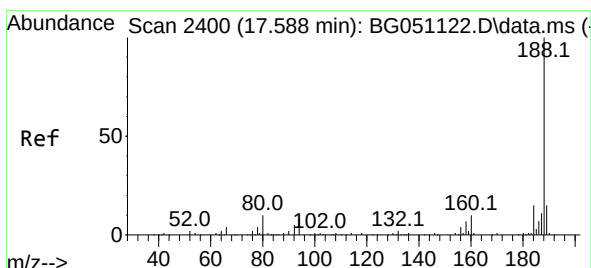
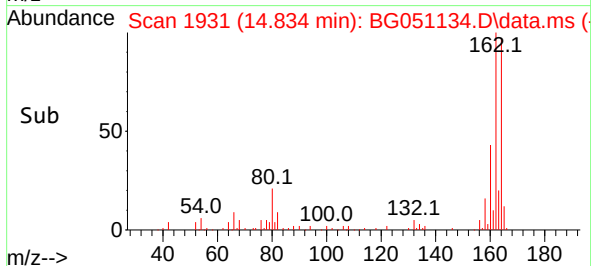
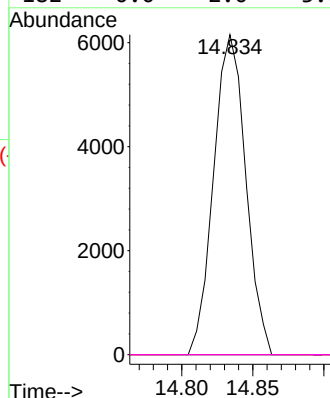
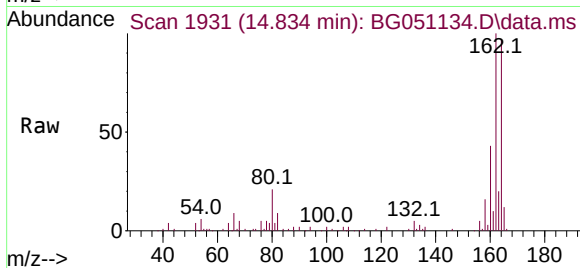
Ion Ratio Lower Upper

165 100

63 0.0 48.0 72.0#

89 0.0 65.4 98.0#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.584 min Scan# 2399

Delta R.T. -0.005 min

Lab File: BG051134.D

Acq: 19 Nov 2021 22:46

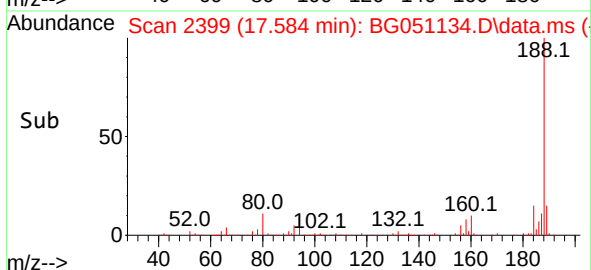
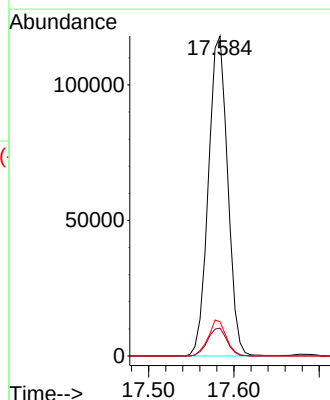
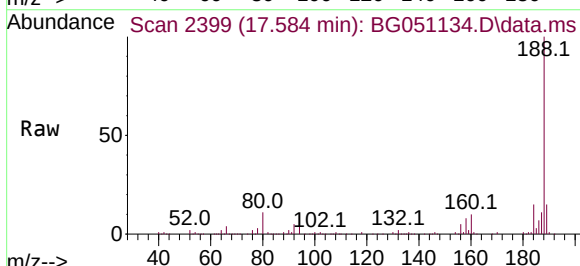
Tgt Ion:188 Resp: 185261

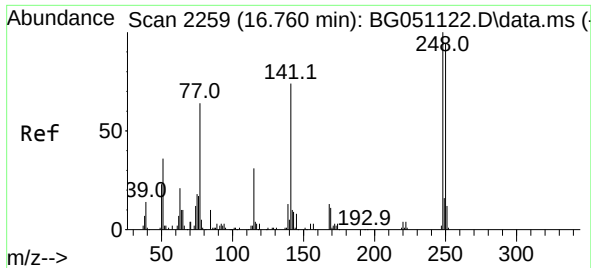
Ion Ratio Lower Upper

188 100

94 8.7 5.4 8.0#

80 10.7 3.7 5.5#

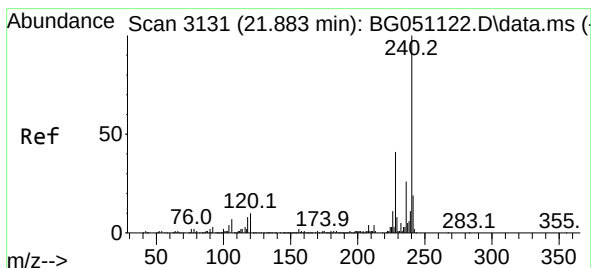
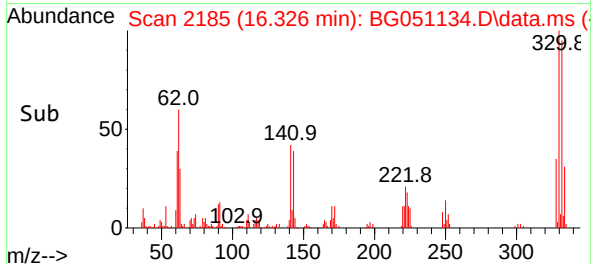
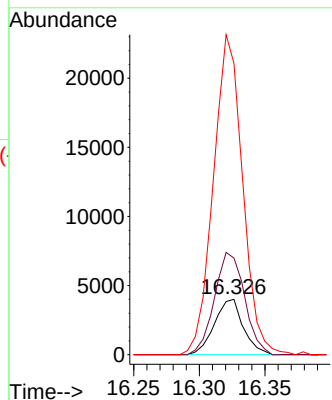
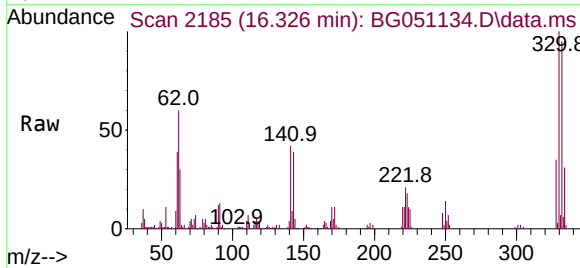




#67
4-Bromophenyl-phenylether
Concen: 3.054 ng
RT: 16.326 min Scan# 2185
Delta R.T. -0.433 min
Lab File: BG051134.D
Acq: 19 Nov 2021 22:46

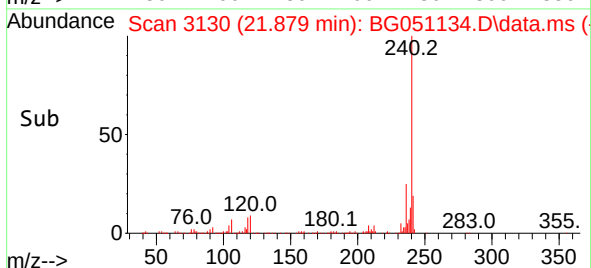
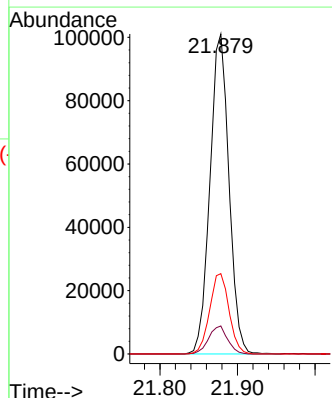
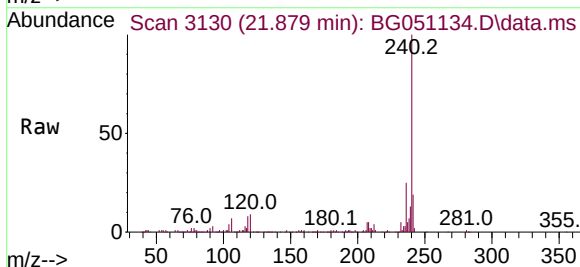
Instrument :
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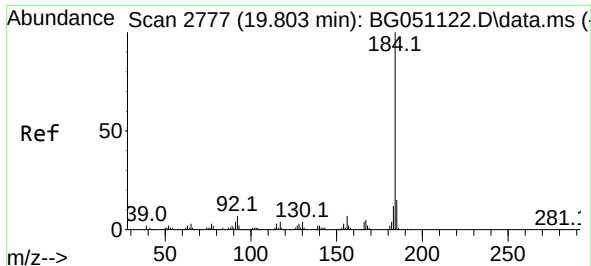
Tgt Ion:248 Resp: 6120
Ion Ratio Lower Upper
248 100
250 174.4 76.1 114.1#
141 525.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.879 min Scan# 3130
Delta R.T. -0.005 min
Lab File: BG051134.D
Acq: 19 Nov 2021 22:46

Tgt Ion:240 Resp: 172298
Ion Ratio Lower Upper
240 100
120 8.7 4.2 6.2#
236 25.1 21.8 32.6

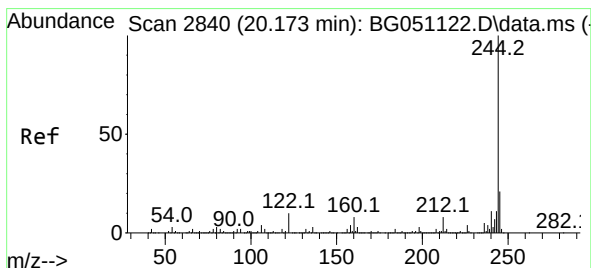
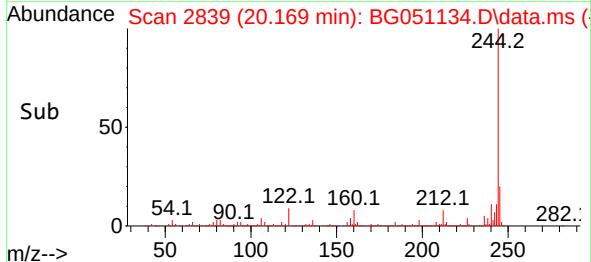
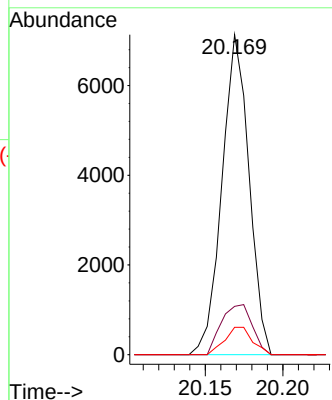
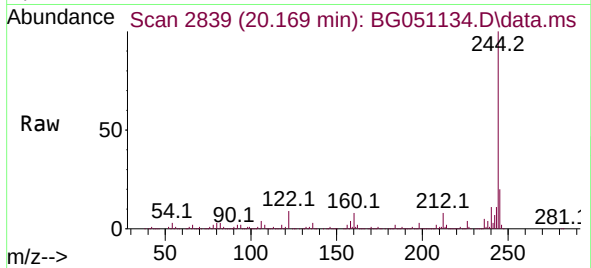




#77
Benzidine
Concen: 3.049 ng
RT: 20.169 min Scan# 2839
Delta R.T. 0.366 min
Lab File: BG051134.D
Acq: 19 Nov 2021 22:46

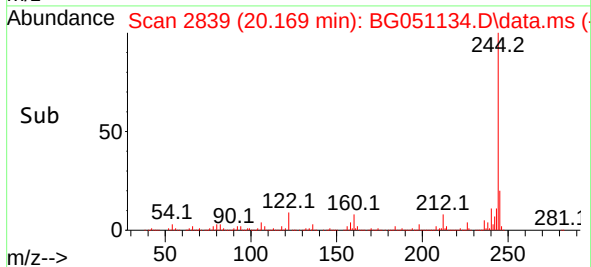
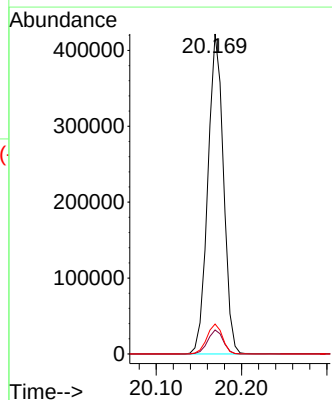
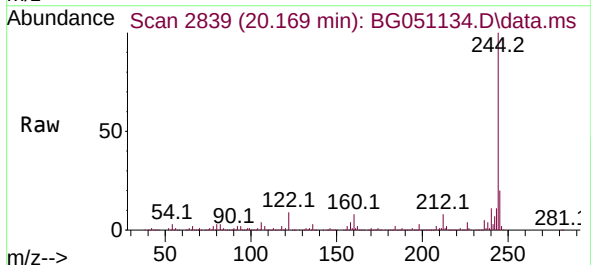
Instrument :
BNA_G
ClientSampleId :
TP1

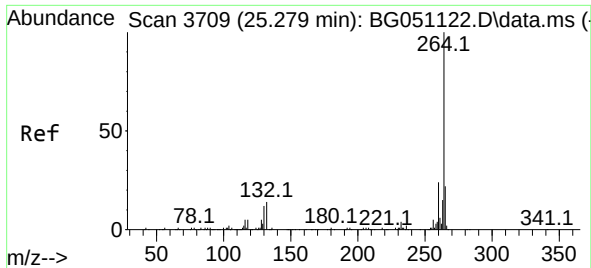
Tgt Ion:184 Resp: 8626
Ion Ratio Lower Upper
184 100
185 15.1 10.7 16.1
183 8.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 56.980 ng
RT: 20.169 min Scan# 2839
Delta R.T. -0.005 min
Lab File: BG051134.D
Acq: 19 Nov 2021 22:46

Tgt Ion:244 Resp: 537038
Ion Ratio Lower Upper
244 100
212 7.5 6.9 10.3
122 9.3 5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.275 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG051134.D
Acq: 19 Nov 2021 22:46

Instrument :
BNA_G
ClientSampleId :
TP1

Tgt Ion:264 Resp: 172094
Ion Ratio Lower Upper
264 100
260 22.7 19.4 29.2
265 21.0 16.9 25.3

