

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
 Data File : BG049039.D
 Acq On : 22 Jun 2021 10:06
 Operator : CG/JU
 Sample : PB137244BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137244BL

Quant Time: Jun 22 11:07:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

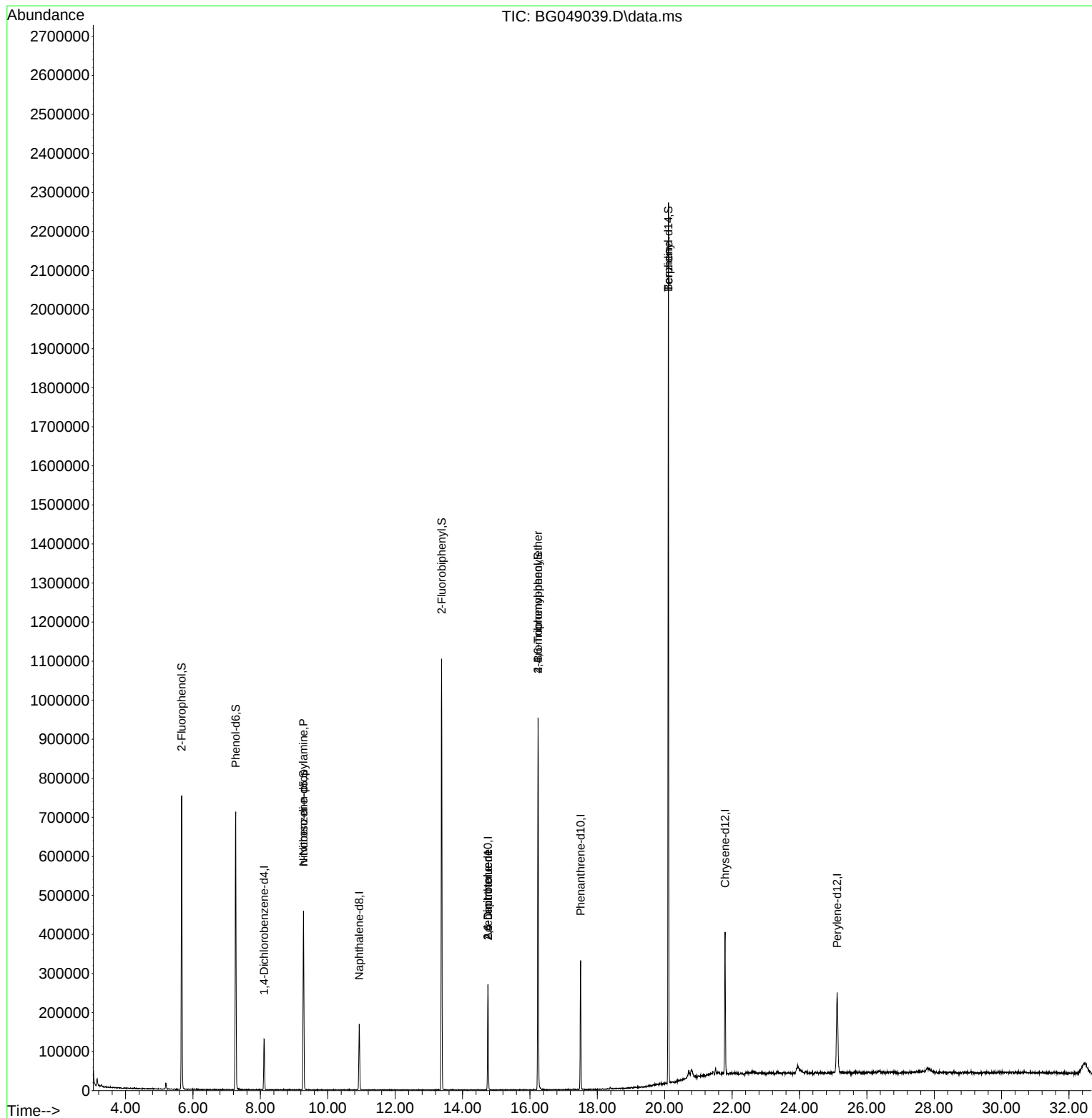
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	34358	20.000	ng	0.00
21) Naphthalene-d8	10.935	136	134629	20.000	ng	# 0.00
39) Acenaphthene-d10	14.754	164	93786	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	216358	20.000	ng	# 0.00
76) Chrysene-d12	21.792	240	228056	20.000	ng	0.00
86) Perylene-d12	25.118	264	231221	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	289952	131.370	ng	0.00
7) Phenol-d6	7.268	99	368140	111.285	ng	0.00
23) Nitrobenzene-d5	9.278	82	265203	84.941	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	182503	131.345	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	558316	84.097	ng	0.00
79) Terphenyl-d14	20.112	244	1062941	85.360	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.278	70	40336	15.599	ng	# 78
51) 2,6-Dinitrotoluene	14.754	165	12536	8.426	ng	# 10
57) 2,4-Dinitrotoluene	14.754	165	12536	6.860	ng	# 15
67) 4-Bromophenyl-phenylether	16.240	248	11373	4.210	ng	# 1
77) Benzidine	20.112	184	19981	4.349	ng	# 96

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

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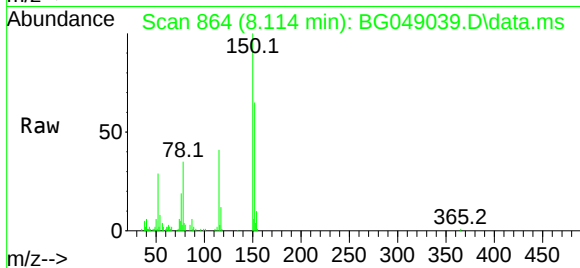
Quant Time: Jun 22 11:07:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration



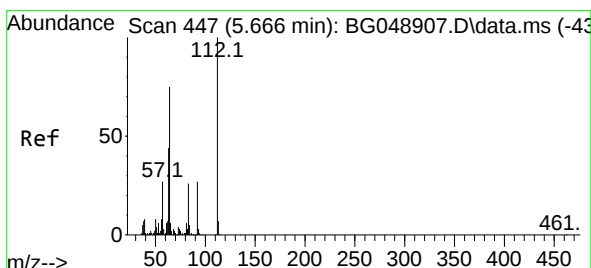
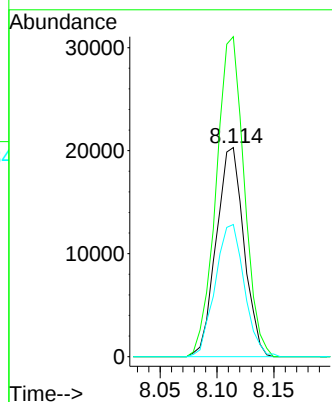
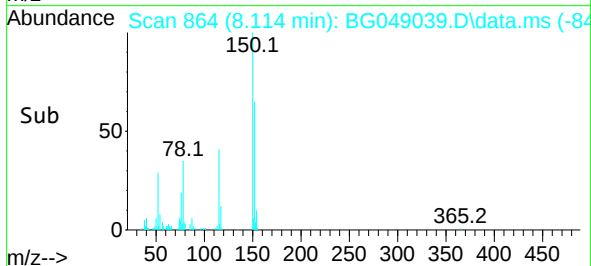


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.114 min Scan# 864
Delta R.T. 0.000 min
Lab File: BG049039.D
Acq: 22 Jun 2021 10:06

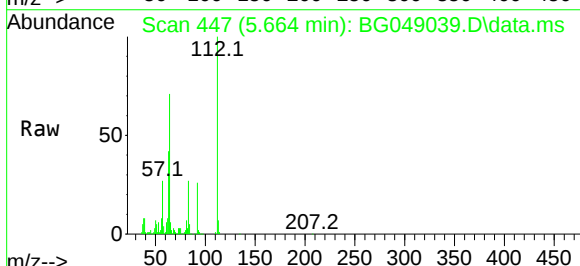
Instrument :
BNA_G
ClientSampleId :
PB137244BL



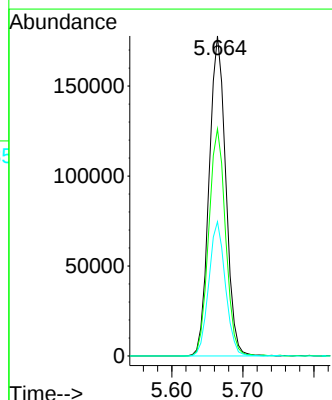
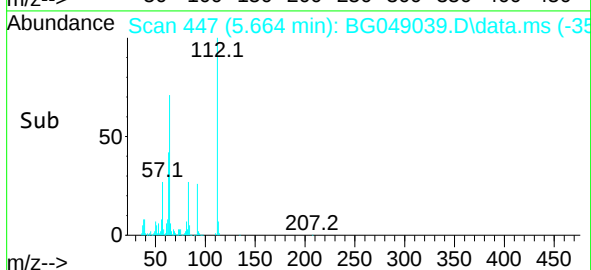
Tgt Ion:152 Resp: 34358
Ion Ratio Lower Upper
152 100
150 153.0 119.4 179.0
115 63.2 60.2 90.4

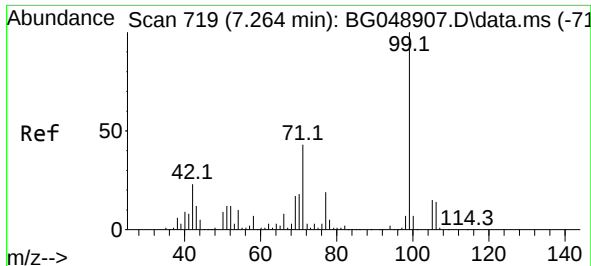


#5
2-Fluorophenol
Concen: 131.370 ng
RT: 5.664 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG049039.D
Acq: 22 Jun 2021 10:06



Tgt Ion:112 Resp: 289952
Ion Ratio Lower Upper
112 100
64 70.9 46.7 70.1#
63 42.0 35.3 52.9

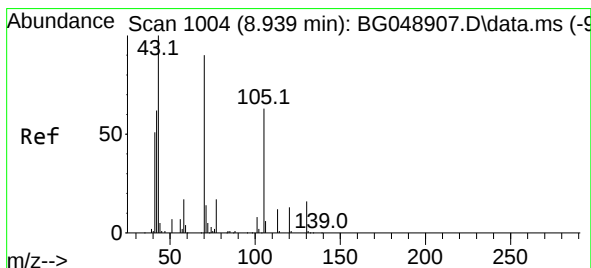
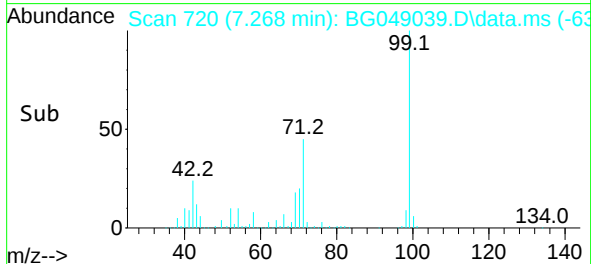
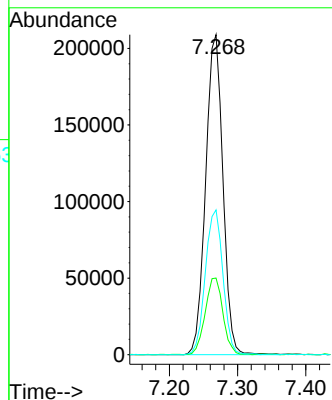
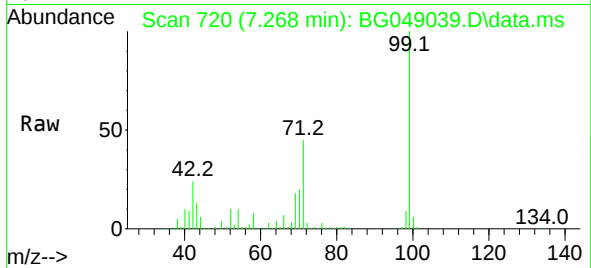




#7
Phenol-d6
Concen: 111.285 ng
RT: 7.268 min Scan# 720
Delta R.T. 0.001 min
Lab File: BG049039.D
Acq: 22 Jun 2021 10:06

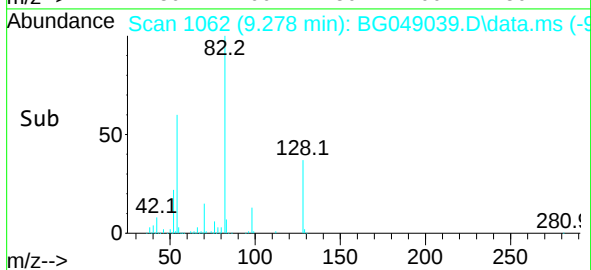
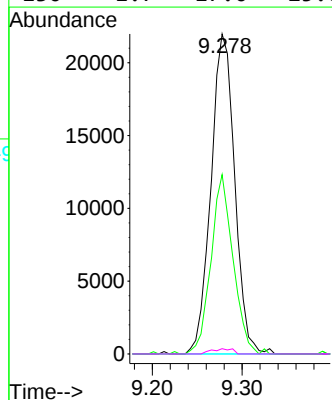
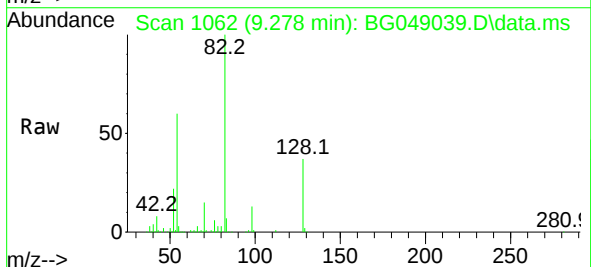
Instrument :
BNA_G
ClientSampleId :
PB137244BL

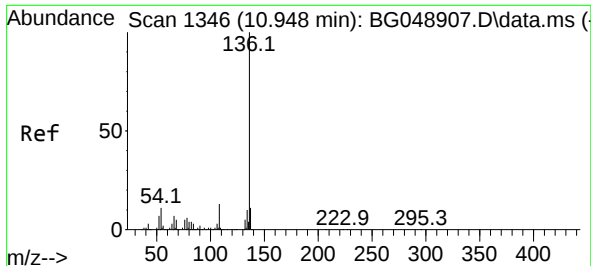
Tgt Ion: 99 Resp: 368140
Ion Ratio Lower Upper
99 100
42 24.0 20.5 30.7
71 45.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.599 ng
RT: 9.278 min Scan# 1062
Delta R.T. 0.353 min
Lab File: BG049039.D
Acq: 22 Jun 2021 10:06

Tgt Ion: 70 Resp: 40336
Ion Ratio Lower Upper
70 100
42 56.0 54.5 81.7
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#

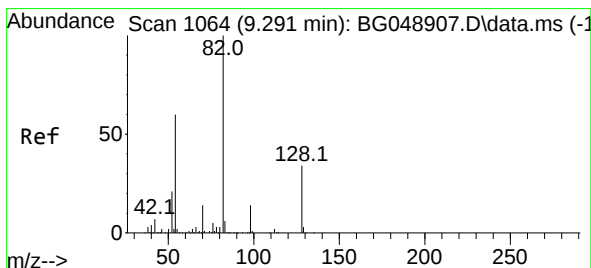
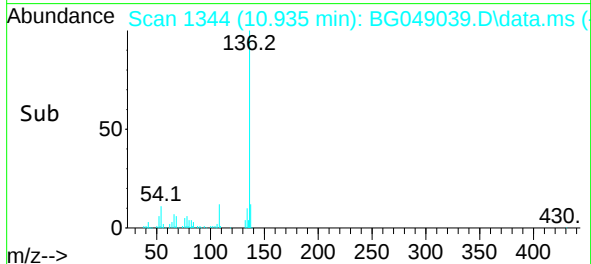
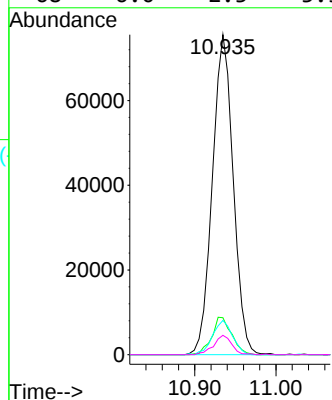
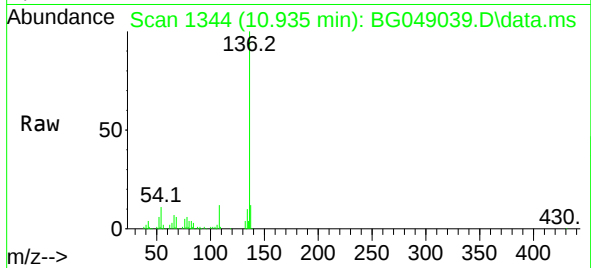




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.935 min Scan# 1344
Delta R.T. -0.005 min
Lab File: BG049039.D
Acq: 22 Jun 2021 10:06

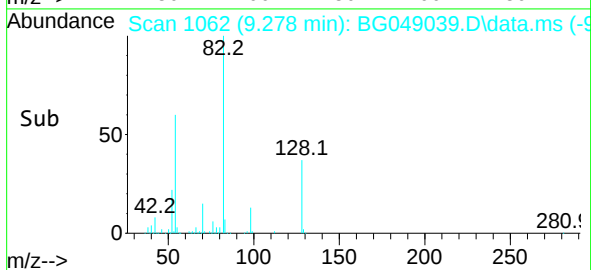
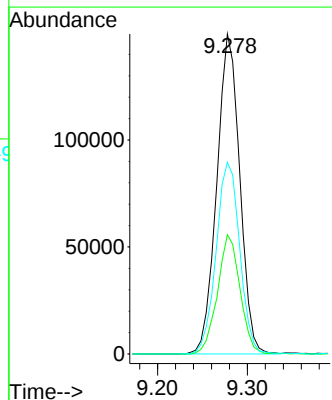
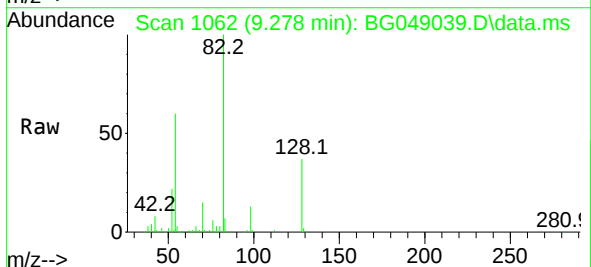
Instrument :
BNA_G
ClientSampleId :
PB137244BL

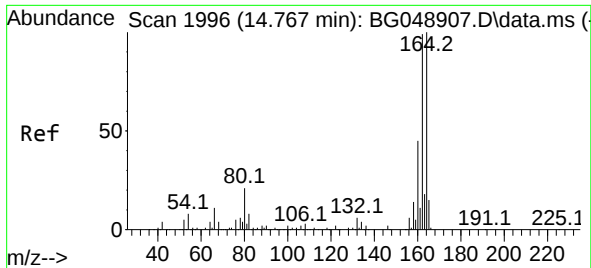
Tgt Ion:	136	Resp:	134629
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.2	12.2
54	10.7	5.5	8.3#
68	6.0	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 84.941 ng
RT: 9.278 min Scan# 1062
Delta R.T. -0.005 min
Lab File: BG049039.D
Acq: 22 Jun 2021 10:06

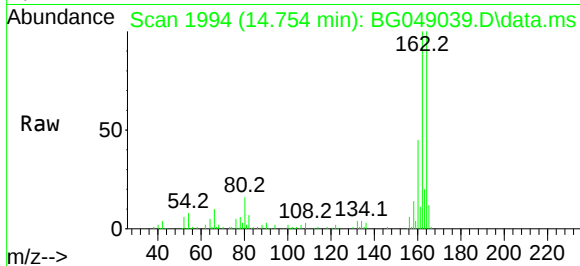
Tgt Ion:	82	Resp:	265203
Ion Ratio	Lower	Upper	
82	100		
128	37.3	29.8	44.6
54	59.9	45.8	68.8



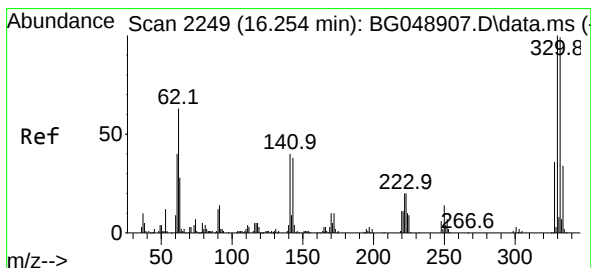
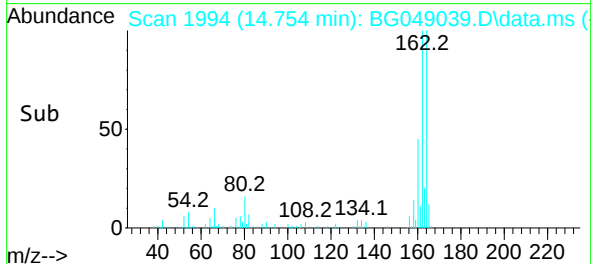
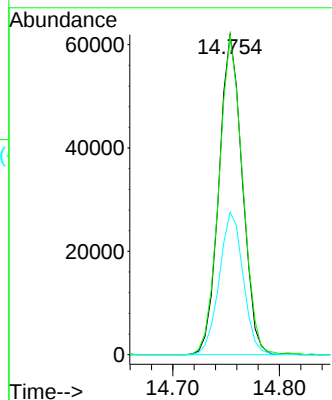


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.754 min Scan# 1994
Delta R.T. -0.005 min
Lab File: BG049039.D
Acq: 22 Jun 2021 10:06

Instrument :
BNA_G
ClientSampleId :
PB137244BL

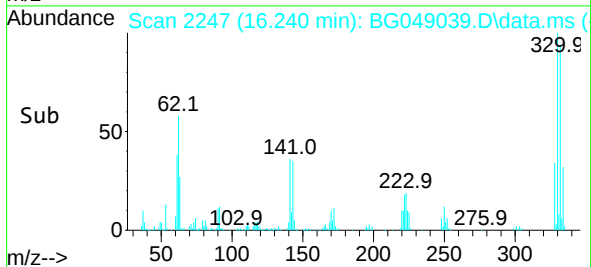
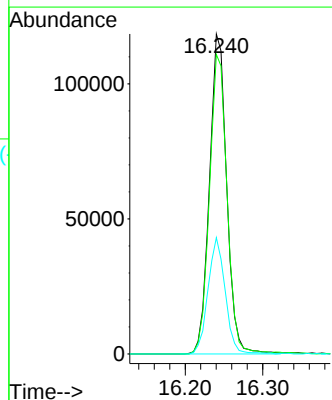
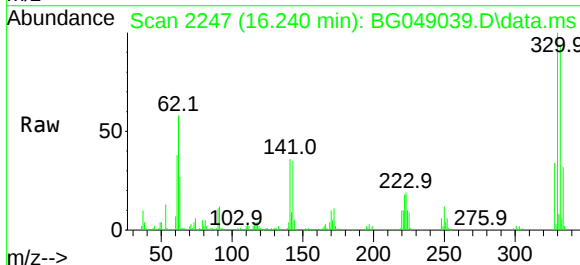


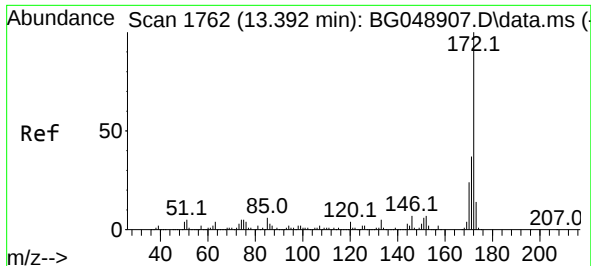
Tgt Ion:164	Resp:	93786
Ion Ratio	Lower	Upper
164	100	
162	99.7	81.4 122.0
160	44.5	34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 131.345 ng
RT: 16.240 min Scan# 2247
Delta R.T. -0.005 min
Lab File: BG049039.D
Acq: 22 Jun 2021 10:06

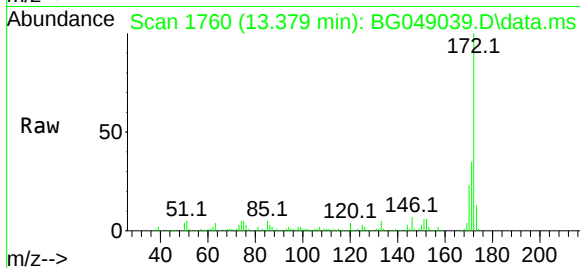
Tgt Ion:330	Resp:	182503
Ion Ratio	Lower	Upper
330	100	
332	96.4	77.3 115.9
141	36.3	35.6 53.4



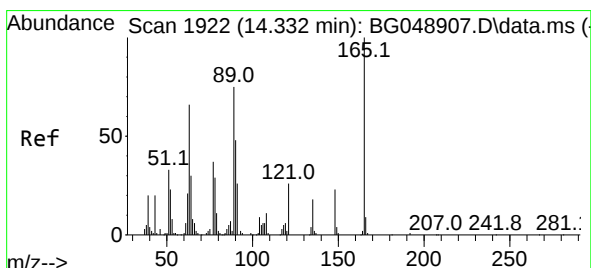
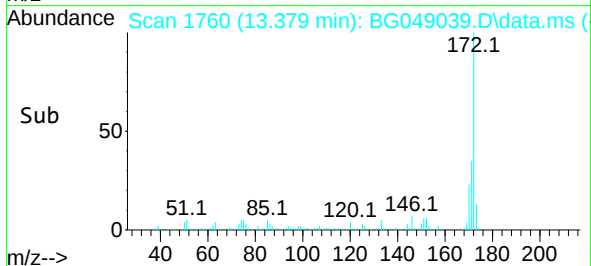
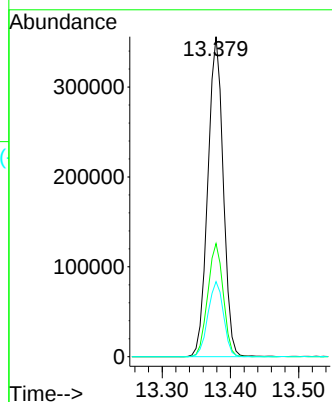


#45
2-Fluorobiphenyl
Concen: 84.097 ng
RT: 13.379 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BG049039.D
Acq: 22 Jun 2021 10:06

Instrument :
BNA_G
ClientSampleId :
PB137244BL

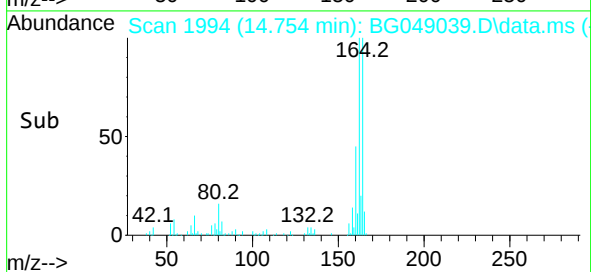
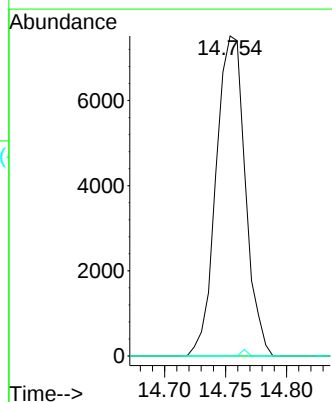
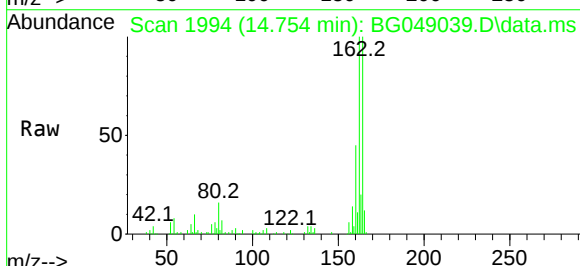


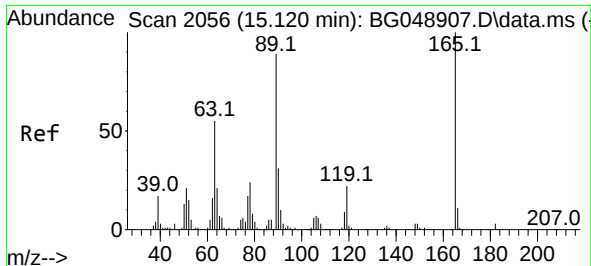
Tgt Ion:172 Resp: 558316
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.426 ng
RT: 14.754 min Scan# 1994
Delta R.T. 0.430 min
Lab File: BG049039.D
Acq: 22 Jun 2021 10:06

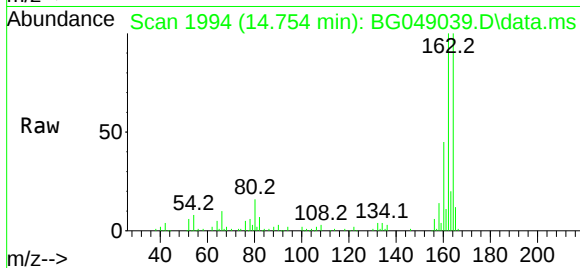
Tgt Ion:165 Resp: 12536
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



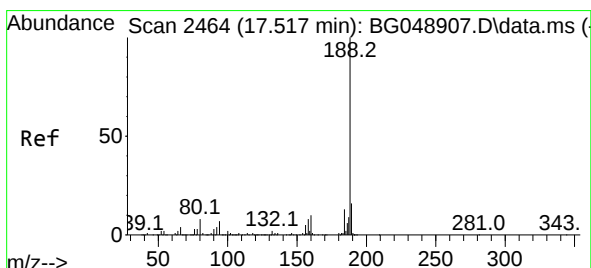
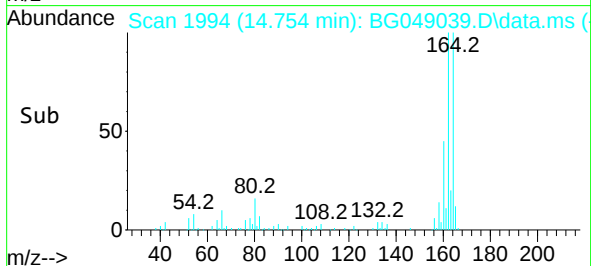
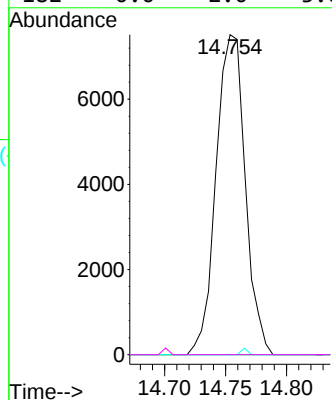


#57
2,4-Dinitrotoluene
Concen: 6.860 ng
RT: 14.754 min Scan# 1994
Delta R.T. -0.358 min
Lab File: BG049039.D
Acq: 22 Jun 2021 10:06

Instrument :
BNA_G
ClientSampled :
PB137244BL

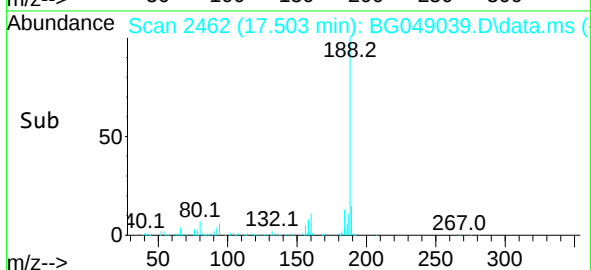
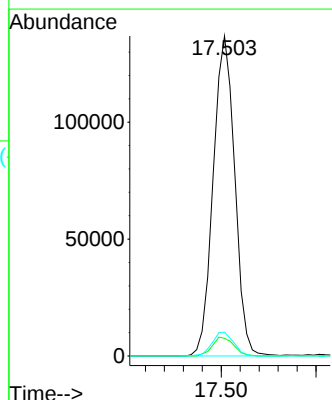
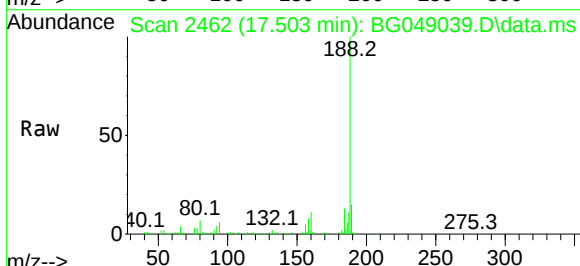


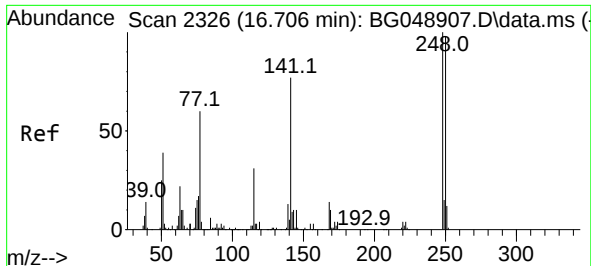
Tgt Ion:165 Resp: 12536
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 2462
Delta R.T. -0.005 min
Lab File: BG049039.D
Acq: 22 Jun 2021 10:06

Tgt Ion:188 Resp: 216358
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 7.5 3.7 5.5#

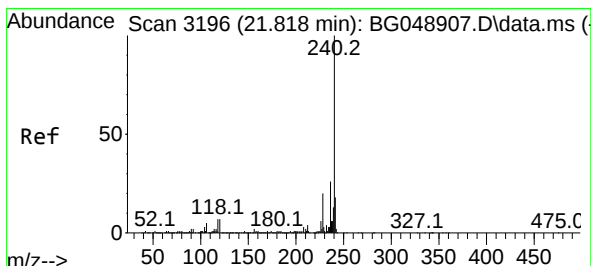
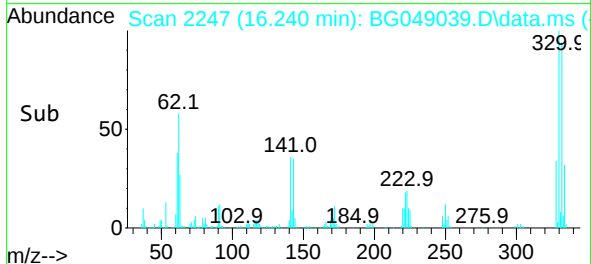
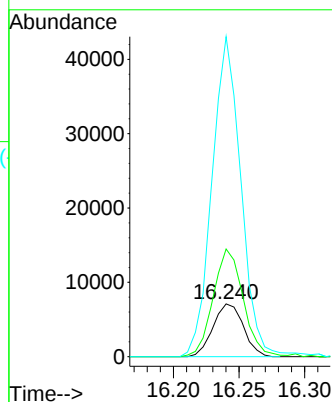
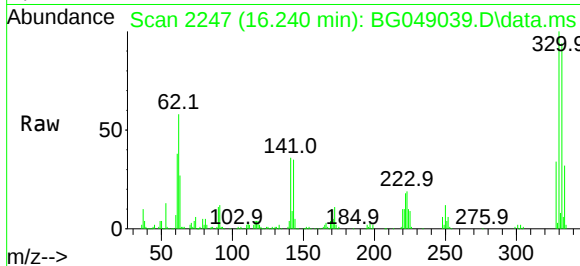




#67
4-Bromophenyl-phenylether
Concen: 4.210 ng
RT: 16.240 min Scan# 2247
Delta R.T. -0.452 min
Lab File: BG049039.D
Acq: 22 Jun 2021 10:06

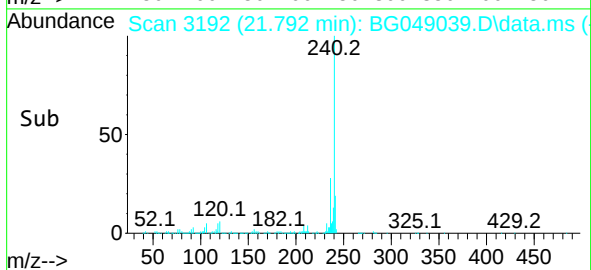
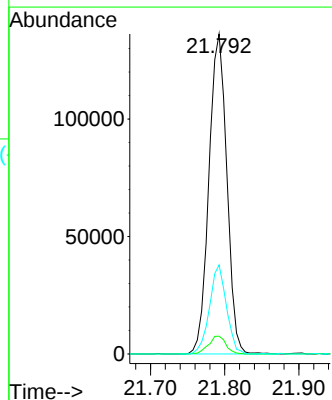
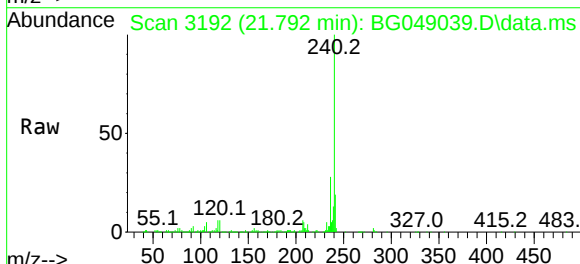
Instrument :
BNA_G
ClientSampleId :
PB137244BL

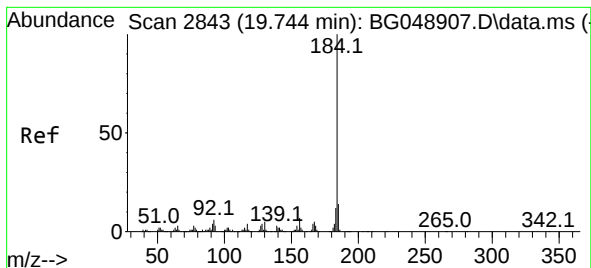
Tgt Ion:248 Resp: 11373
Ion Ratio Lower Upper
248 100
250 204.3 76.1 114.1#
141 606.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.792 min Scan# 3192
Delta R.T. -0.005 min
Lab File: BG049039.D
Acq: 22 Jun 2021 10:06

Tgt Ion:240 Resp: 228056
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 27.9 21.8 32.6





#77

Benzidine

Concen: 4.349 ng

RT: 20.112 min Scan# 2906

Delta R.T. 0.383 min

Lab File: BG049039.D

Acq: 22 Jun 2021 10:06

Tgt Ion:184 Resp: 19981

Ion Ratio Lower Upper

184 100

185 14.2 10.7 16.1

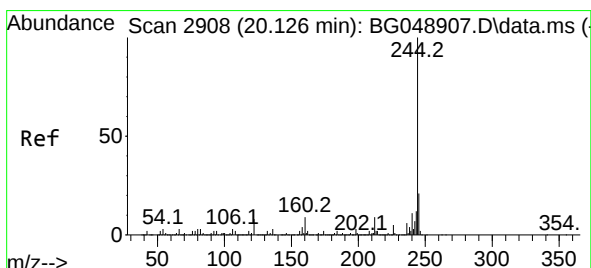
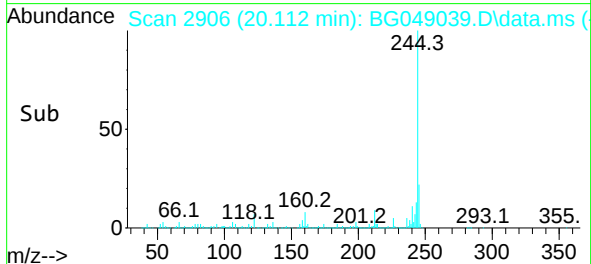
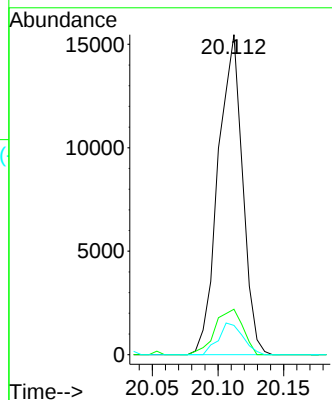
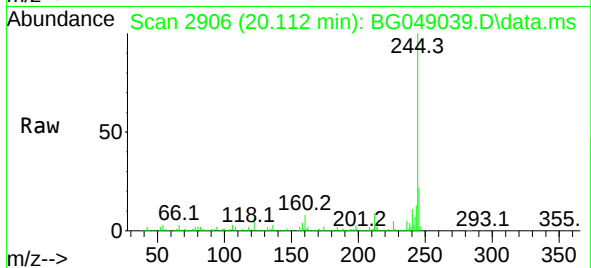
183 9.2 9.4 14.0#

Instrument :

BNA_G

ClientSampleId :

PB137244BL



#79

Terphenyl-d14

Concen: 85.360 ng

RT: 20.112 min Scan# 2906

Delta R.T. 0.001 min

Lab File: BG049039.D

Acq: 22 Jun 2021 10:06

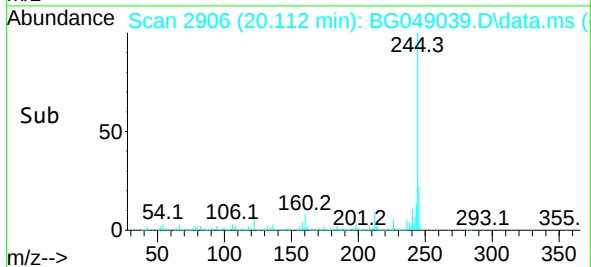
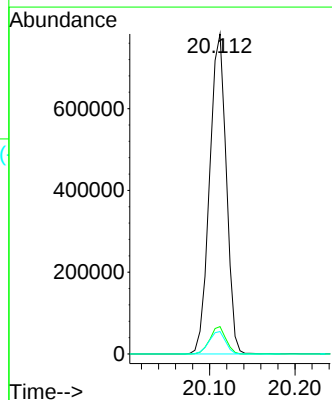
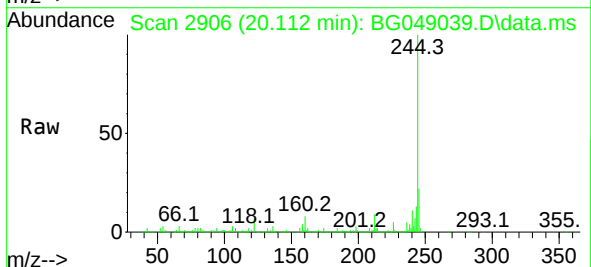
Tgt Ion:244 Resp: 1062941

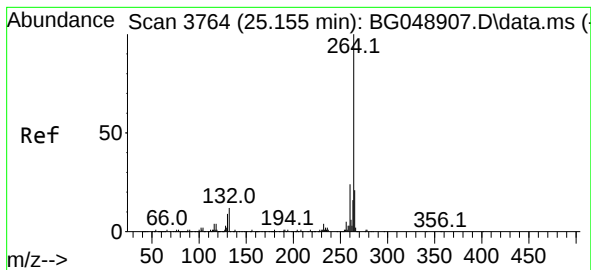
Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

122 7.0 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.118 min Scan# 3758
 Delta R.T. -0.011 min
 Lab File: BG049039.D
 Acq: 22 Jun 2021 10:06

Instrument :
 BNA_G
 ClientSampleId :
 PB137244BL

Tgt Ion:264 Resp: 231221
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 22.6 16.9 25.3

