

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
 Data File : BG049082.D
 Acq On : 24 Jun 2021 16:50
 Operator : CG/JU
 Sample : M2795-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B3GW

Quant Time: Jun 24 18:05:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

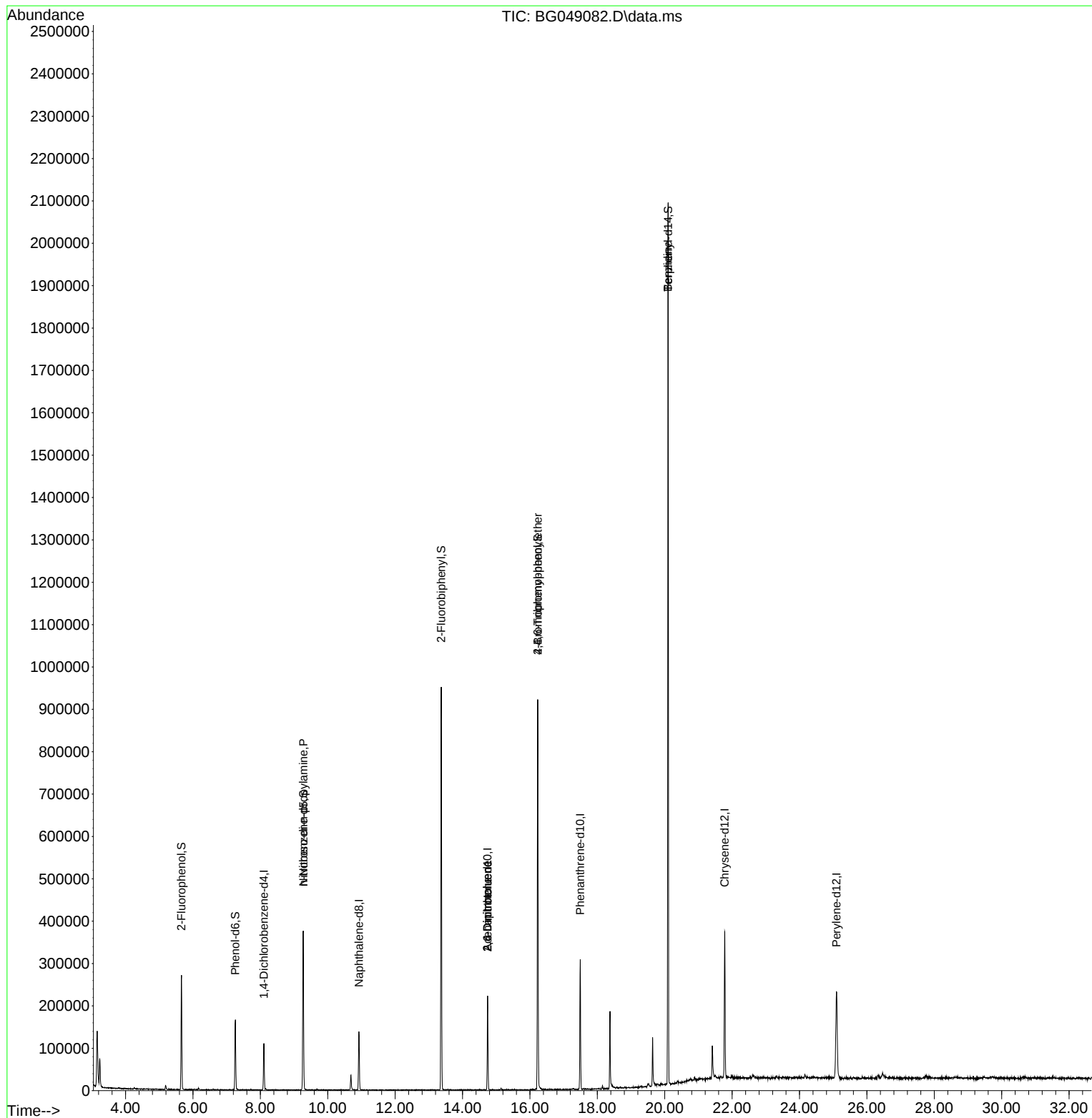
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	30455	20.000	ng	# 0.00
21) Naphthalene-d8	10.925	136	111706	20.000	ng	# 0.00
39) Acenaphthene-d10	14.744	164	79954	20.000	ng	0.00
64) Phenanthrene-d10	17.494	188	188144	20.000	ng	# 0.00
76) Chrysene-d12	21.777	240	223018	20.000	ng	-0.01
86) Perylene-d12	25.097	264	239334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	105729	54.042	ng	0.00
7) Phenol-d6	7.259	99	83612	28.514	ng	0.00
23) Nitrobenzene-d5	9.274	82	227036	87.639	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	182224	153.832	ng	0.00
45) 2-Fluorobiphenyl	13.370	172	488170	86.252	ng	0.00
79) Terphenyl-d14	20.103	244	1007691	82.751	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.274	70	34394	15.006	ng	# 71
51) 2,6-Dinitrotoluene	14.744	165	10657	8.402	ng	# 14
57) 2,4-Dinitrotoluene	14.744	165	10657	6.841	ng	# 20
67) 4-Bromophenyl-phenylether	16.231	248	11183	4.760	ng	# 1
77) Benzidine	20.097	184	19069	4.244	ng	# 91

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

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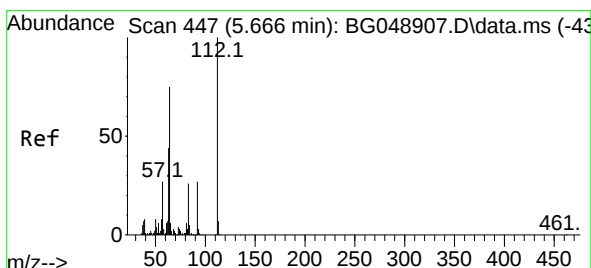
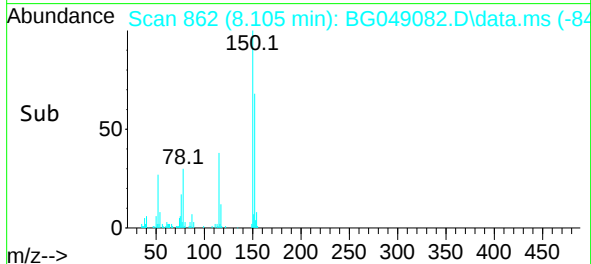
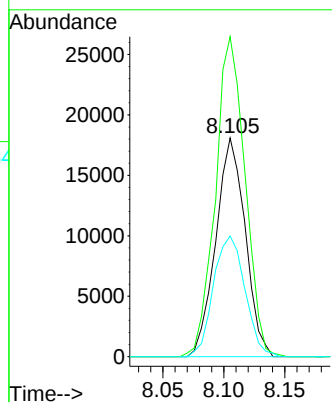
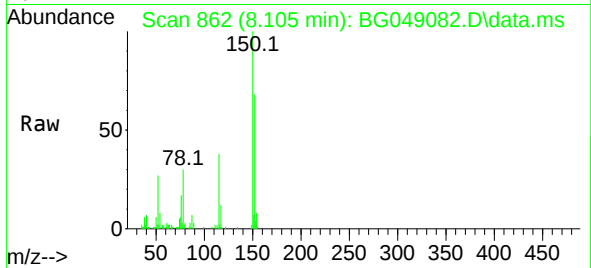




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 862
Delta R.T. 0.000 min
Lab File: BG049082.D
Acq: 24 Jun 2021 16:50

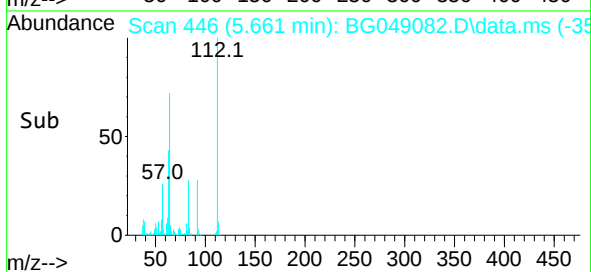
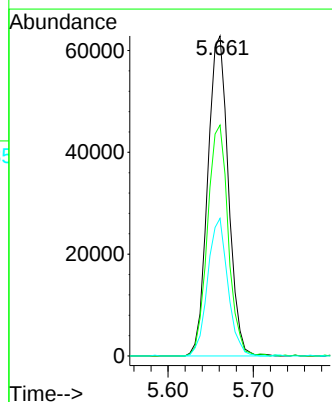
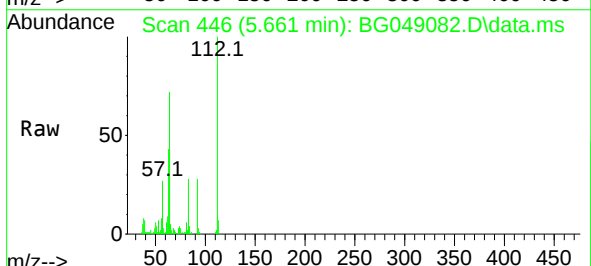
Instrument :
BNA_G
ClientSampleId :
B3GW

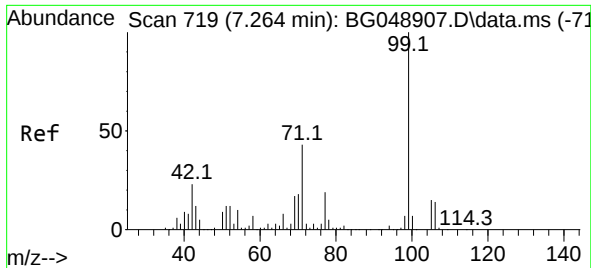
Tgt Ion:152 Resp: 30455
Ion Ratio Lower Upper
152 100
150 146.4 119.4 179.0
115 55.2 60.2 90.4#



#5
2-Fluorophenol
Concen: 54.042 ng
RT: 5.661 min Scan# 446
Delta R.T. 0.006 min
Lab File: BG049082.D
Acq: 24 Jun 2021 16:50

Tgt Ion:112 Resp: 105729
Ion Ratio Lower Upper
112 100
64 72.1 46.7 70.1#
63 43.0 35.3 52.9

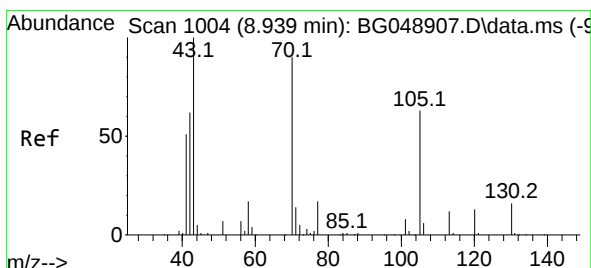
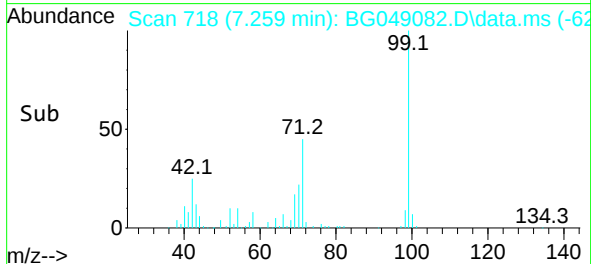
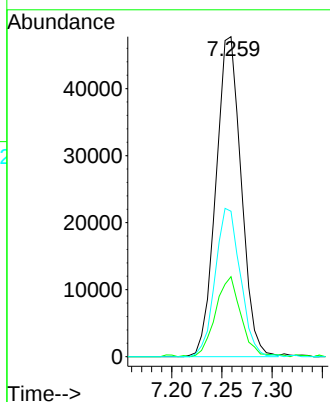
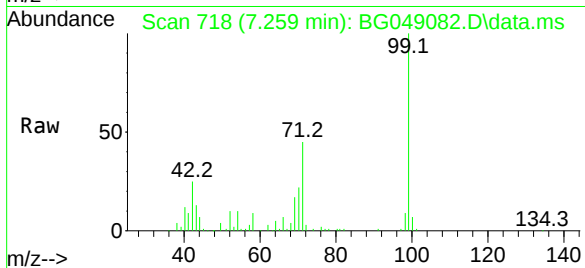




#7
Phenol-d6
Concen: 28.514 ng
RT: 7.259 min Scan# 718
Delta R.T. -0.000 min
Lab File: BG049082.D
Acq: 24 Jun 2021 16:50

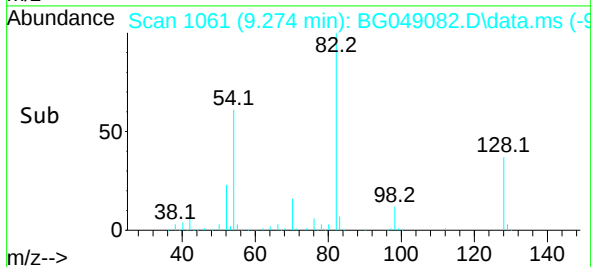
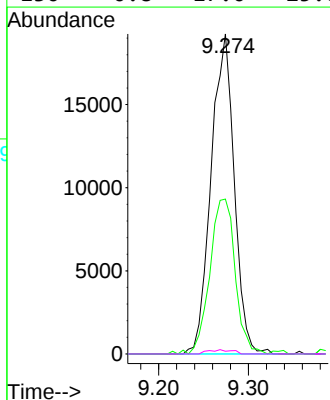
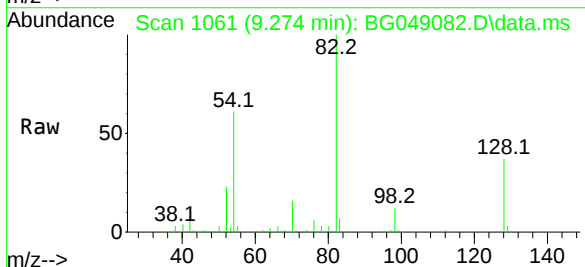
Instrument :
BNA_G
ClientSampled :
B3GW

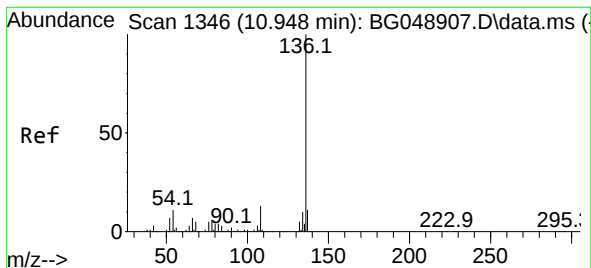
Tgt Ion: 99 Resp: 83612
Ion Ratio Lower Upper
99 100
42 25.0 20.5 30.7
71 45.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.006 ng
RT: 9.274 min Scan# 1061
Delta R.T. 0.364 min
Lab File: BG049082.D
Acq: 24 Jun 2021 16:50

Tgt Ion: 70 Resp: 34394
Ion Ratio Lower Upper
70 100
42 48.4 54.5 81.7#
101 0.0 9.0 13.6#
130 0.8 17.0 25.6#

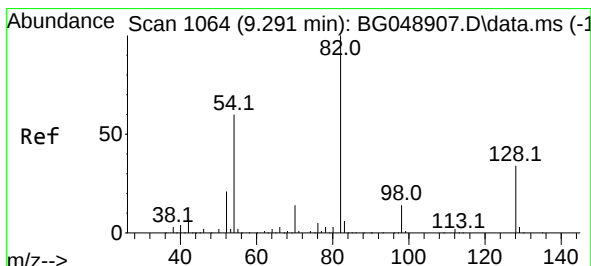
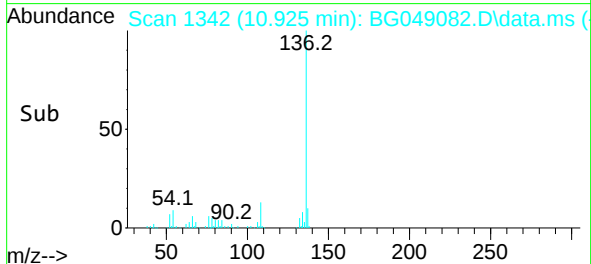
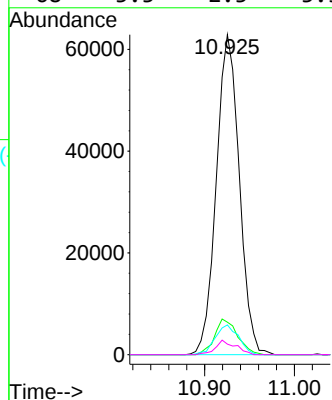
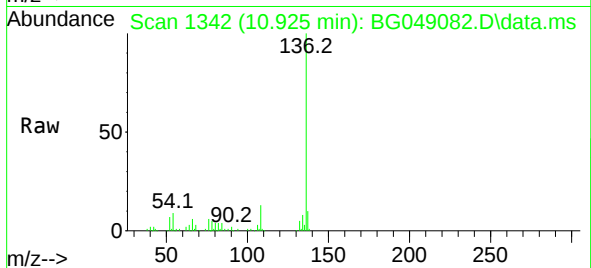




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.925 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BG049082.D
Acq: 24 Jun 2021 16:50

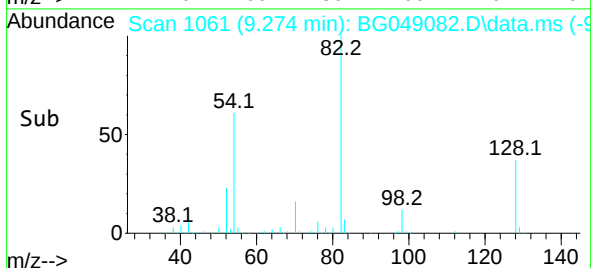
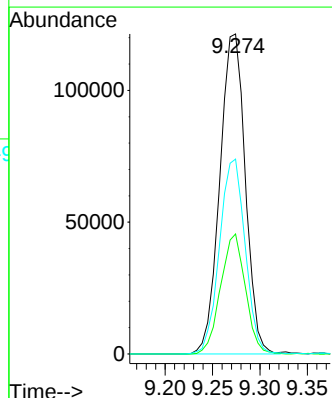
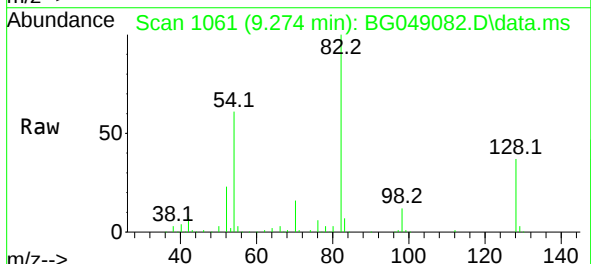
Instrument :
BNA_G
ClientSampleId :
B3GW

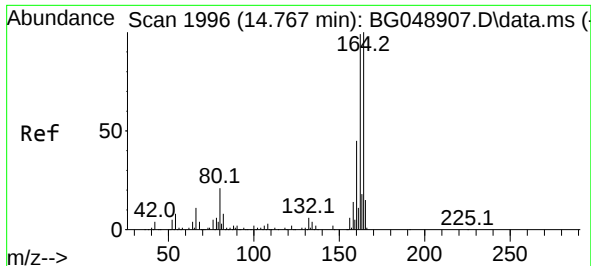
Tgt Ion:136	Resp:	111706
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.2 12.2
54	9.3	5.5 8.3#
68	3.3	2.3 3.5



#23
Nitrobenzene-d5
Concen: 87.639 ng
RT: 9.274 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BG049082.D
Acq: 24 Jun 2021 16:50

Tgt Ion: 82	Resp:	227036
Ion Ratio	Lower	Upper
82	100	
128	37.5	29.8 44.6
54	60.9	45.8 68.8

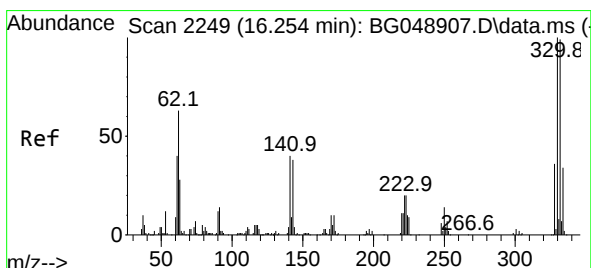
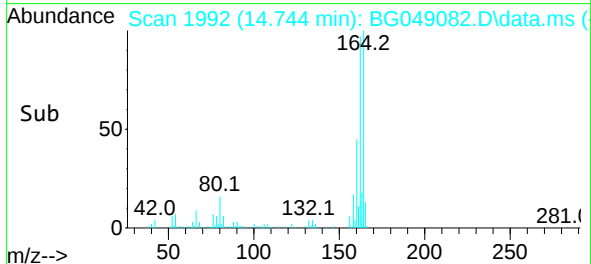
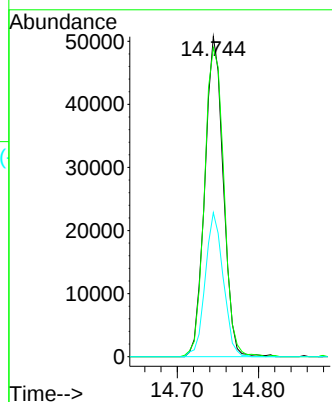
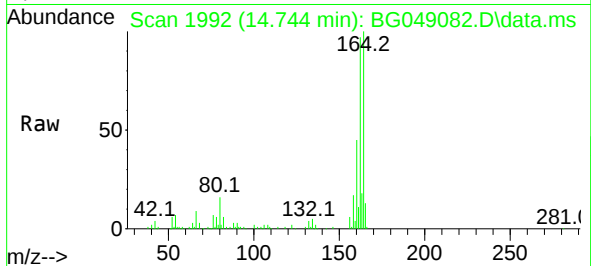




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.744 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BG049082.D
Acq: 24 Jun 2021 16:50

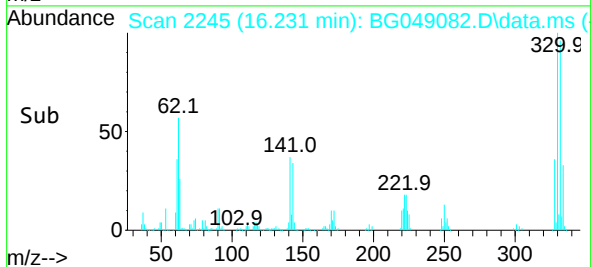
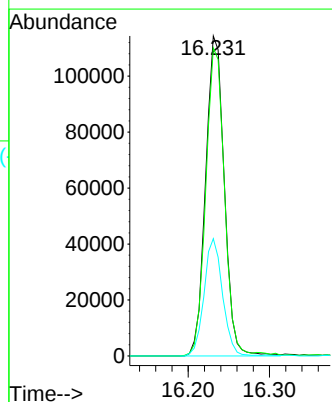
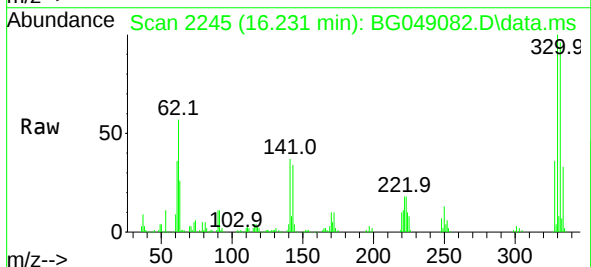
Instrument :
BNA_G
ClientSampleId :
B3GW

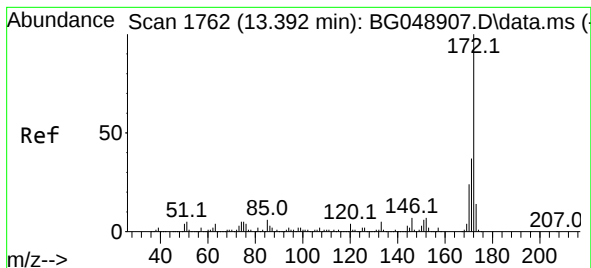
Tgt Ion:164 Resp: 79954
Ion Ratio Lower Upper
164 100
162 96.6 81.4 122.0
160 45.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 153.832 ng
RT: 16.231 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BG049082.D
Acq: 24 Jun 2021 16:50

Tgt Ion:330 Resp: 182224
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 36.3 35.6 53.4

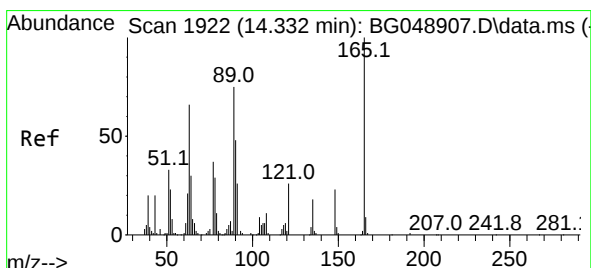
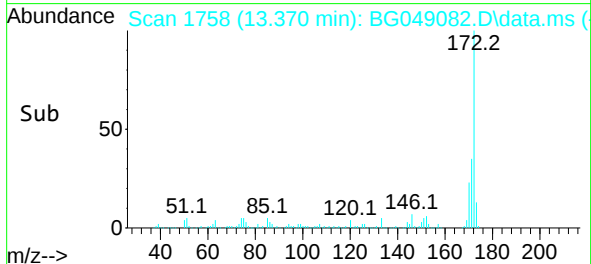
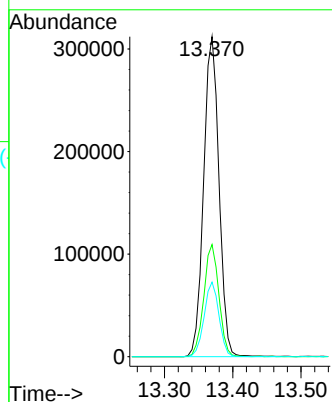
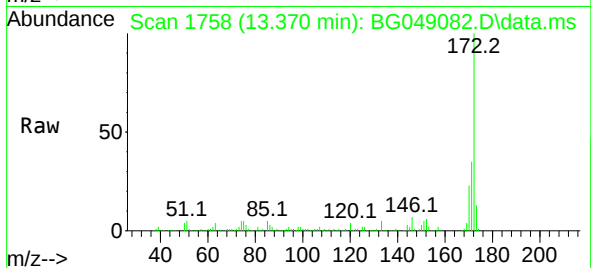




#45
2-Fluorobiphenyl
Concen: 86.252 ng
RT: 13.370 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BG049082.D
Acq: 24 Jun 2021 16:50

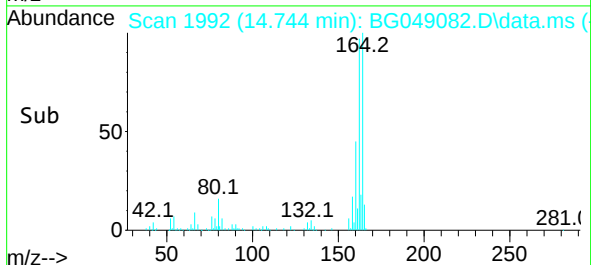
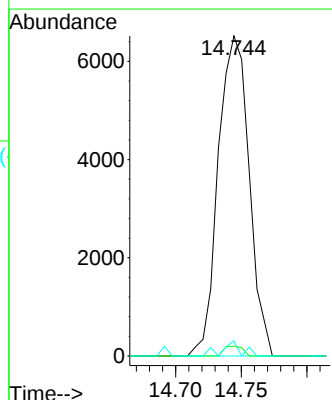
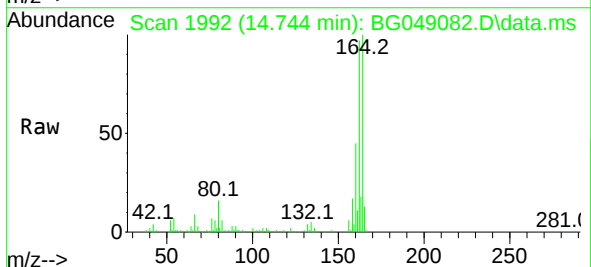
Instrument :
BNA_G
ClientSampleId :
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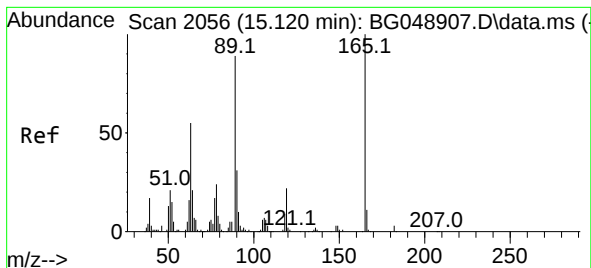
Tgt Ion:172 Resp: 488170
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.402 ng
RT: 14.744 min Scan# 1992
Delta R.T. 0.429 min
Lab File: BG049082.D
Acq: 24 Jun 2021 16:50

Tgt Ion:165 Resp: 10657
Ion Ratio Lower Upper
165 100
63 3.1 63.3 94.9#
89 4.7 63.4 95.0#

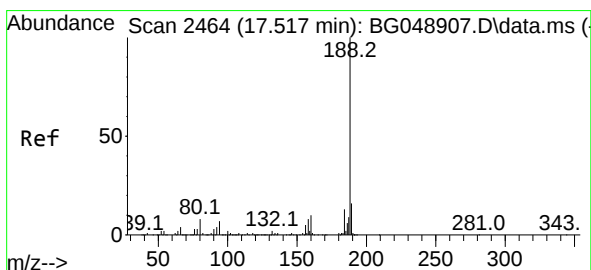
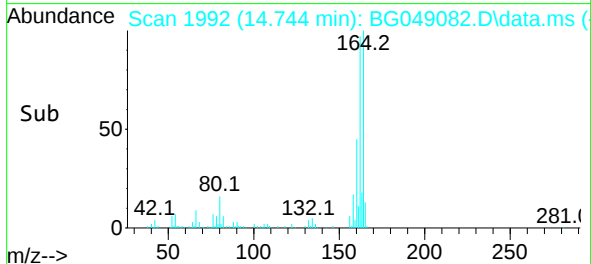
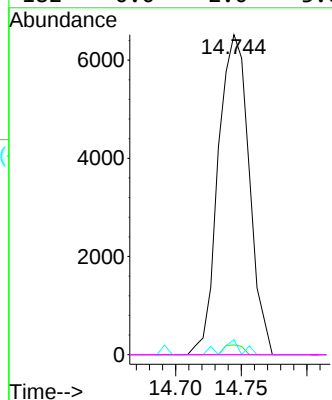
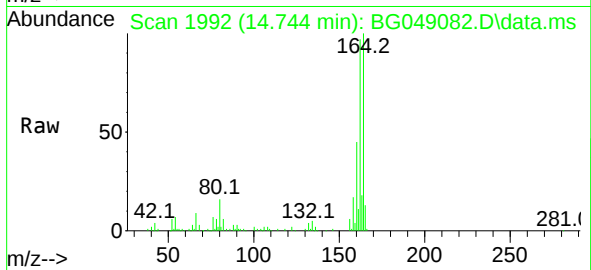




#57
2,4-Dinitrotoluene
Concen: 6.841 ng
RT: 14.744 min Scan# 1992
Delta R.T. -0.359 min
Lab File: BG049082.D
Acq: 24 Jun 2021 16:50

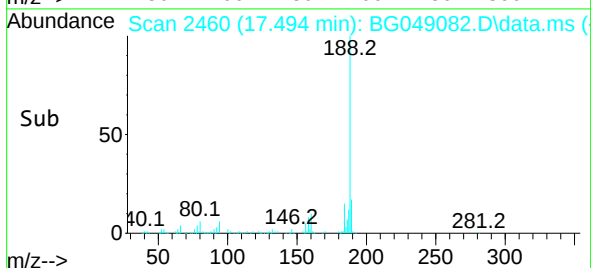
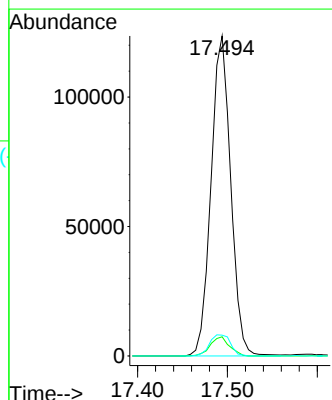
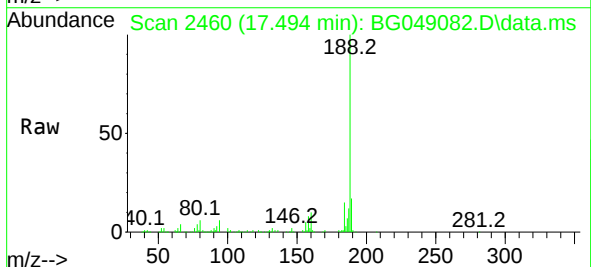
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BNA_G
ClientSampleId :
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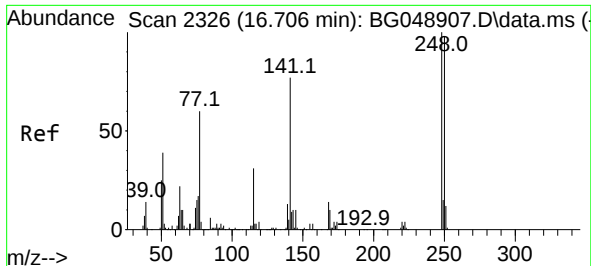
Tgt Ion:165 Resp: 10657
Ion Ratio Lower Upper
165 100
63 3.1 48.0 72.0#
89 4.7 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.494 min Scan# 2460
Delta R.T. -0.006 min
Lab File: BG049082.D
Acq: 24 Jun 2021 16:50

Tgt Ion:188 Resp: 188144
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 6.5 3.7 5.5#

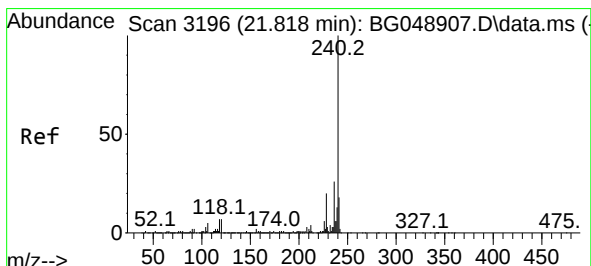
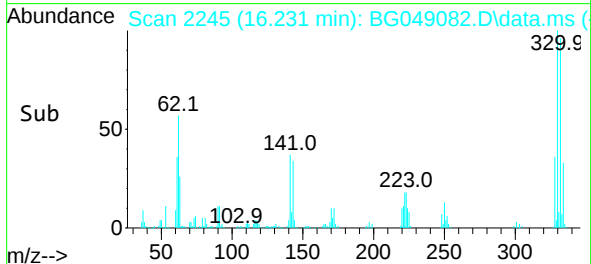
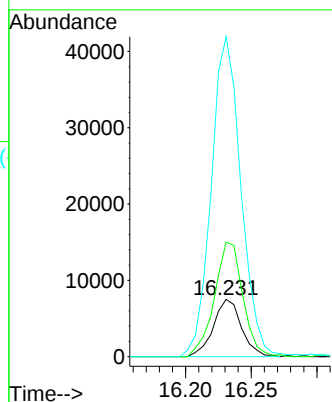
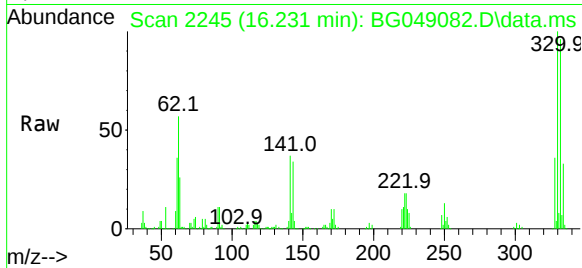




#67
4-Bromophenyl-phenylether
Concen: 4.760 ng
RT: 16.231 min Scan# 2245
Delta R.T. -0.453 min
Lab File: BG049082.D
Acq: 24 Jun 2021 16:50

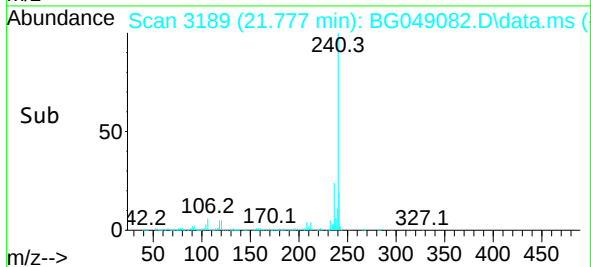
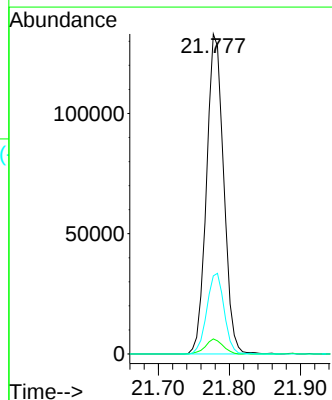
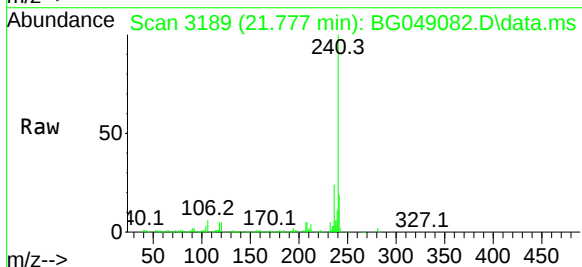
Instrument :
BNA_G
ClientSampled :
B3GW

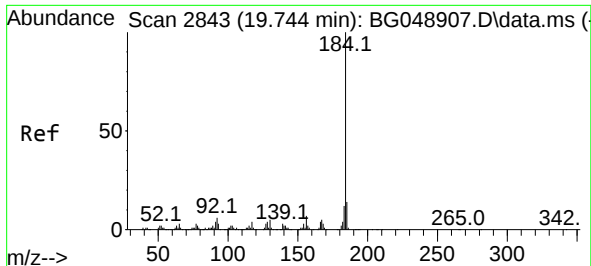
Tgt Ion:248 Resp: 11183
Ion Ratio Lower Upper
248 100
250 200.3 76.1 114.1#
141 559.3 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.777 min Scan# 3189
Delta R.T. -0.012 min
Lab File: BG049082.D
Acq: 24 Jun 2021 16:50

Tgt Ion:240 Resp: 223018
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.2
236 24.4 21.8 32.6

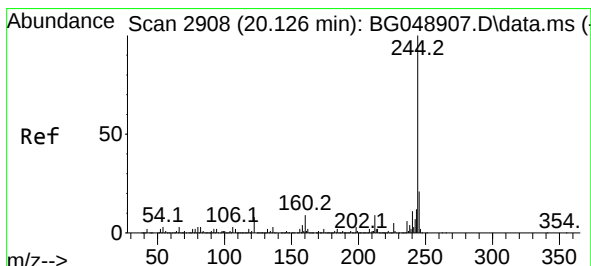
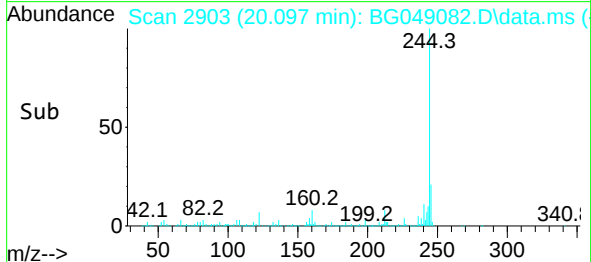
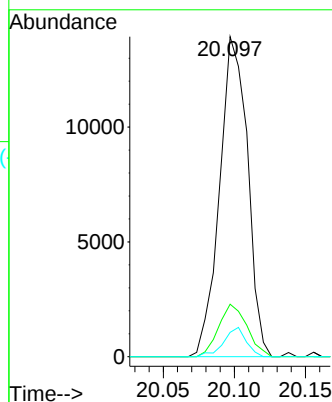
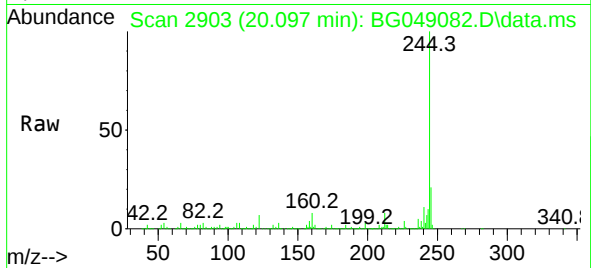




#77
Benzidine
Concen: 4.244 ng
RT: 20.097 min Scan# 2903
Delta R.T. 0.376 min
Lab File: BG049082.D
Acq: 24 Jun 2021 16:50

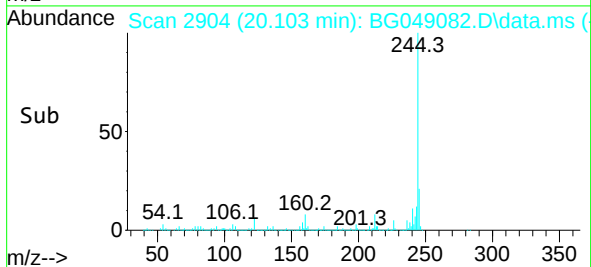
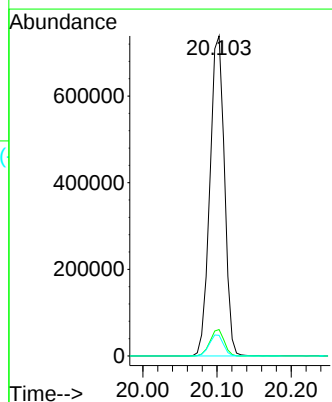
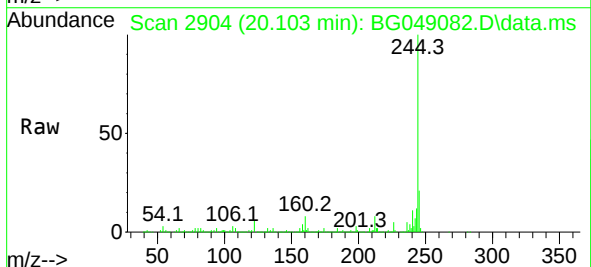
Instrument :
BNA_G
ClientSampled :
B3GW

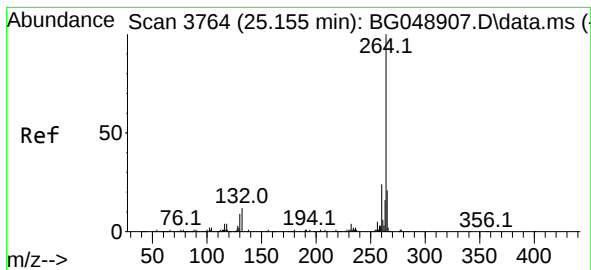
Tgt Ion:184 Resp: 19069
Ion Ratio Lower Upper
184 100
185 16.4 10.7 16.1#
183 7.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 82.751 ng
RT: 20.103 min Scan# 2904
Delta R.T. -0.000 min
Lab File: BG049082.D
Acq: 24 Jun 2021 16:50

Tgt Ion:244 Resp: 1007691
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 6.4 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.097 min Scan# 3754
 Delta R.T. -0.006 min
 Lab File: BG049082.D
 Acq: 24 Jun 2021 16:50

Instrument :
 BNA_G
 ClientSampleId :
 B3GW

Tgt Ion:264 Resp: 239334

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.2
265	22.4	16.9	25.3

