

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061521\
 Data File : BG048982.D
 Acq On : 15 Jun 2021 18:00
 Operator : CG/JU
 Sample : M2672-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(24-28)

Quant Time: Jun 15 18:38:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

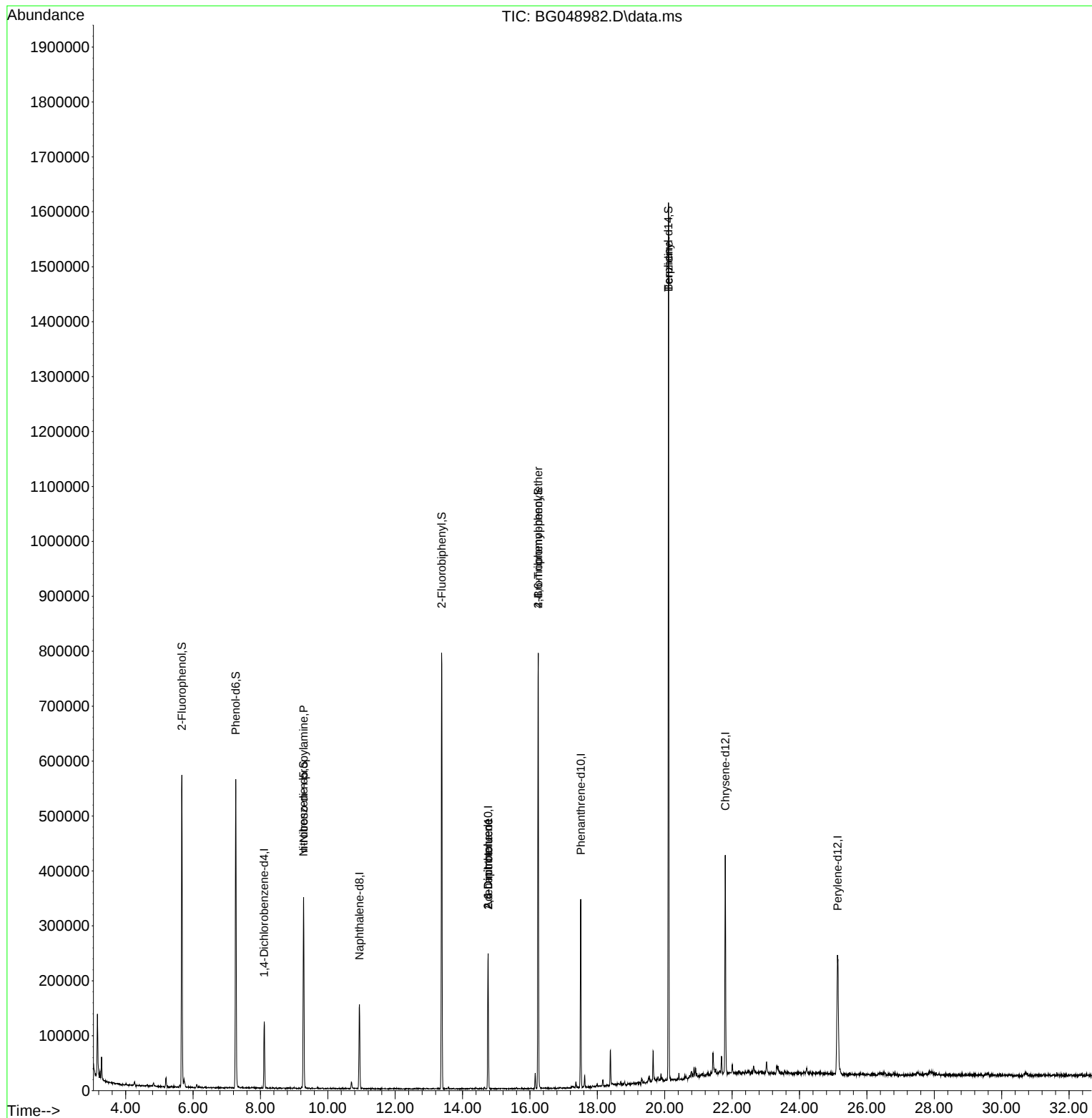
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.113	152	31867	20.000	ng	0.00
21) Naphthalene-d8	10.939	136	123637	20.000	ng	# 0.00
39) Acenaphthene-d10	14.758	164	89989	20.000	ng	0.00
64) Phenanthrene-d10	17.508	188	217108	20.000	ng	# 0.00
76) Chrysene-d12	21.797	240	250858	20.000	ng	-0.02
86) Perylene-d12	25.129	264	254890	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	225280	110.048	ng	0.00
7) Phenol-d6	7.267	99	296385	96.598	ng	0.00
23) Nitrobenzene-d5	9.277	82	205897	71.809	ng	-0.01
42) 2,4,6-Tribromophenol	16.245	330	148301	111.233	ng	0.00
45) 2-Fluorobiphenyl	13.378	172	417026	65.465	ng	-0.01
79) Terphenyl-d14	20.111	244	764890	55.842	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.283	70	30068	12.537	ng	# 74
51) 2,6-Dinitrotoluene	14.758	165	11334	7.940	ng	# 10
57) 2,4-Dinitrotoluene	14.758	165	11334	6.464	ng	# 15
67) 4-Bromophenyl-phenylether	16.245	248	9429	3.478	ng	# 1
77) Benzidine	20.117	184	14454	2.860	ng	97

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

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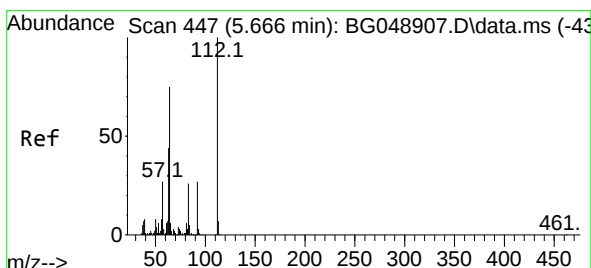
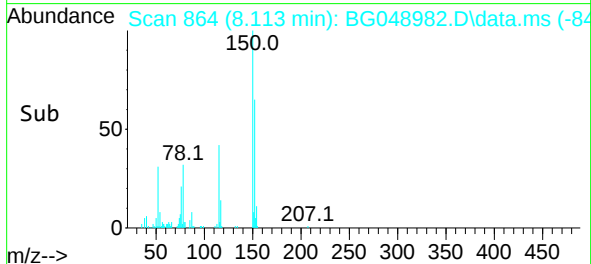
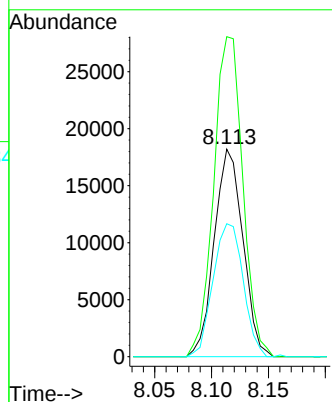
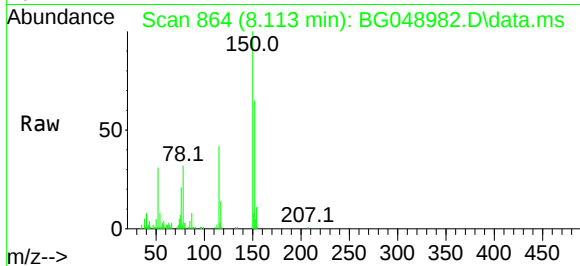




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.113 min Scan# 864
Delta R.T. -0.009 min
Lab File: BG048982.D
Acq: 15 Jun 2021 18:00

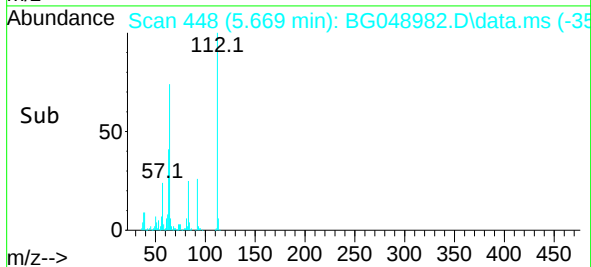
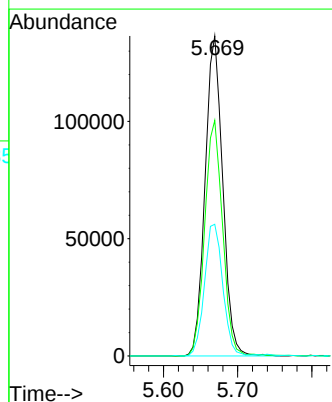
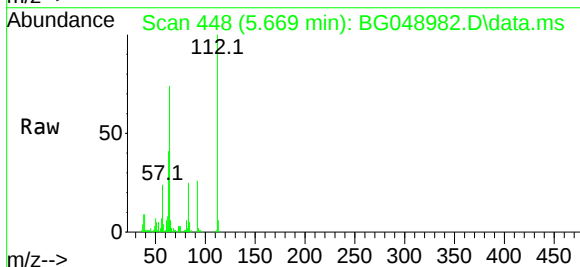
Instrument :
BNA_G
ClientSampleId :
17-B6(24-28)

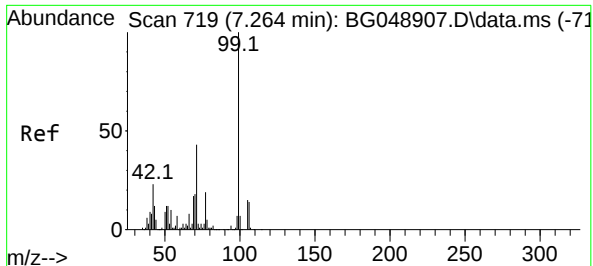
Tgt Ion:152 Resp: 31867
Ion Ratio Lower Upper
152 100
150 154.2 119.4 179.0
115 64.1 60.2 90.4



#5
2-Fluorophenol
Concen: 110.048 ng
RT: 5.669 min Scan# 448
Delta R.T. 0.003 min
Lab File: BG048982.D
Acq: 15 Jun 2021 18:00

Tgt Ion:112 Resp: 225280
Ion Ratio Lower Upper
112 100
64 73.6 46.7 70.1#
63 41.1 35.3 52.9

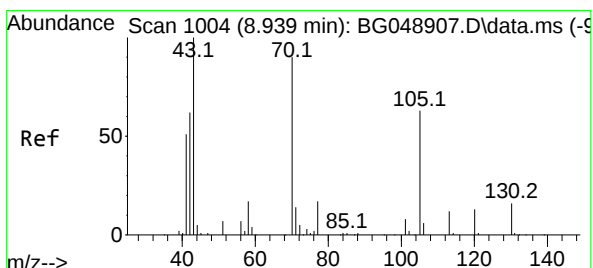
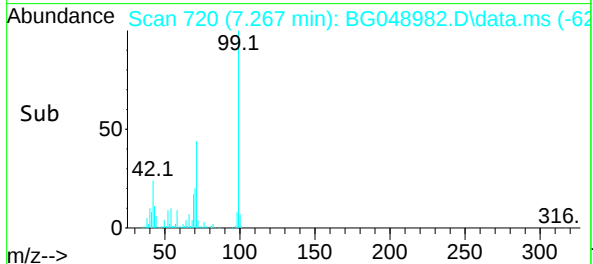
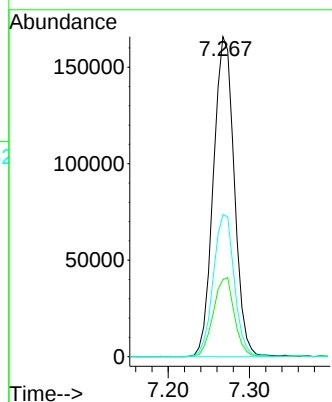
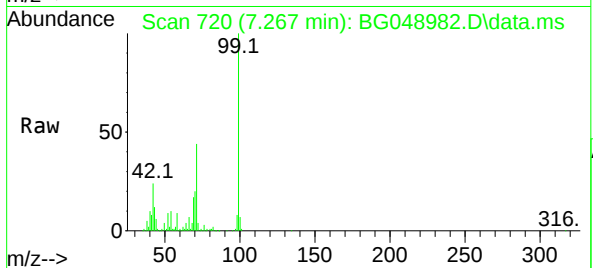




#7
Phenol-d6
Concen: 96.598 ng
RT: 7.267 min Scan# 720
Delta R.T. 0.003 min
Lab File: BG048982.D
Acq: 15 Jun 2021 18:00

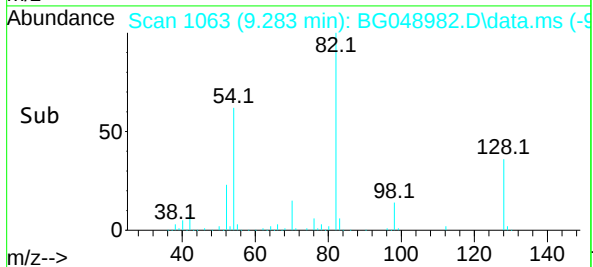
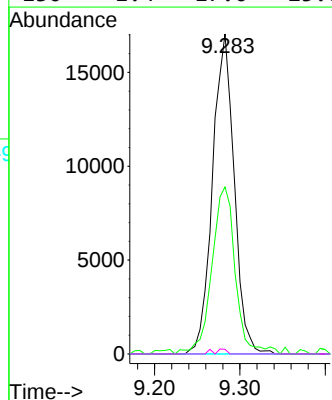
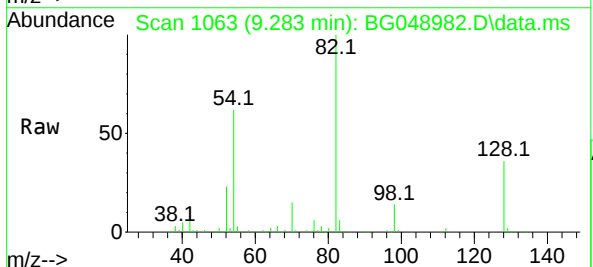
Instrument :
BNA_G
ClientSampleId :
17-B6(24-28)

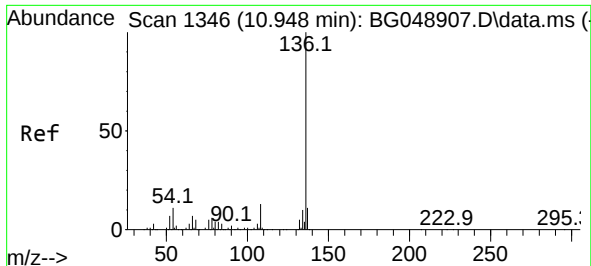
Tgt Ion: 99 Resp: 296385
Ion Ratio Lower Upper
99 100
42 24.1 20.5 30.7
71 44.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.537 ng
RT: 9.283 min Scan# 1063
Delta R.T. 0.344 min
Lab File: BG048982.D
Acq: 15 Jun 2021 18:00

Tgt Ion: 70 Resp: 30068
Ion Ratio Lower Upper
70 100
42 52.2 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

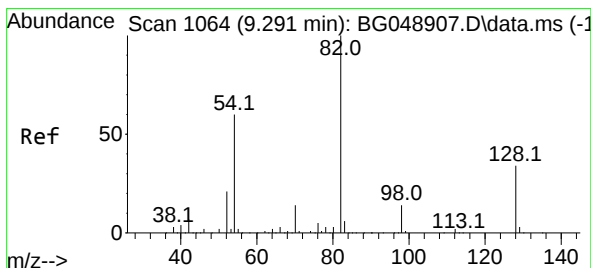
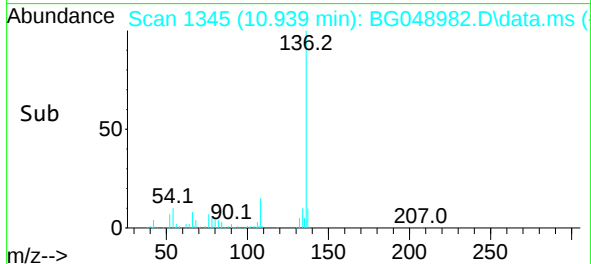
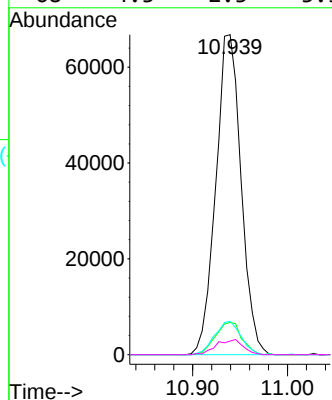
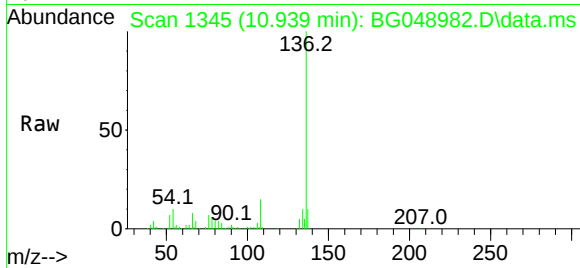




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.939 min Scan# 1345
Delta R.T. -0.009 min
Lab File: BG048982.D
Acq: 15 Jun 2021 18:00

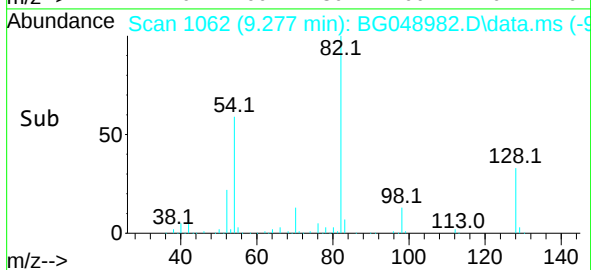
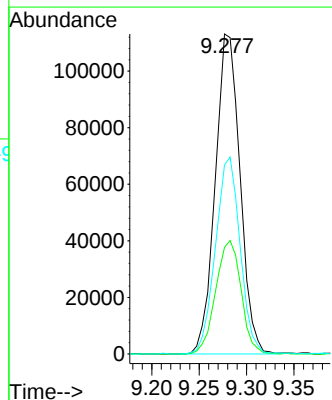
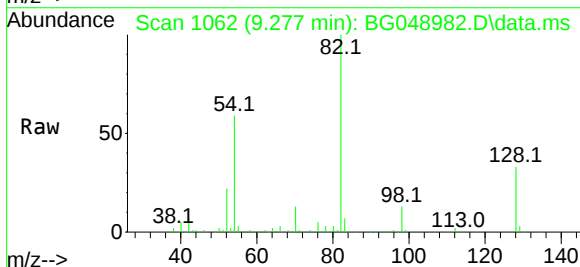
Instrument :
BNA_G
ClientSampleId :
17-B6(24-28)

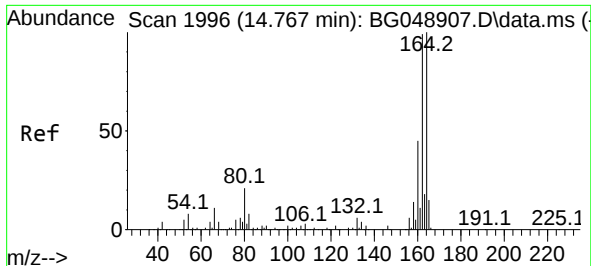
Tgt Ion:136	Resp:	123637
Ion Ratio	Lower	Upper
136	100	
137	10.0	8.2 12.2
54	10.4	5.5 8.3#
68	4.3	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 71.809 ng
RT: 9.277 min Scan# 1062
Delta R.T. -0.014 min
Lab File: BG048982.D
Acq: 15 Jun 2021 18:00

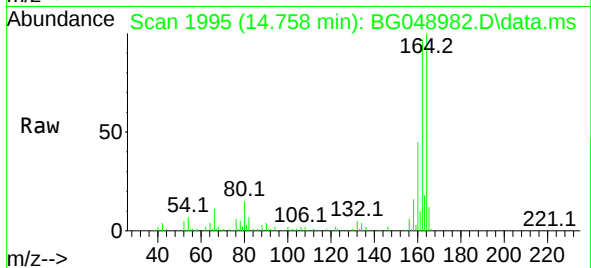
Tgt Ion: 82	Resp:	205897
Ion Ratio	Lower	Upper
82	100	
128	33.3	29.8 44.6
54	59.1	45.8 68.8



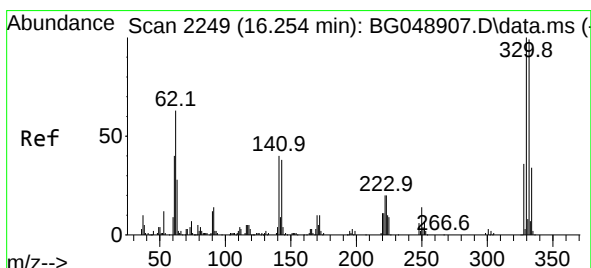
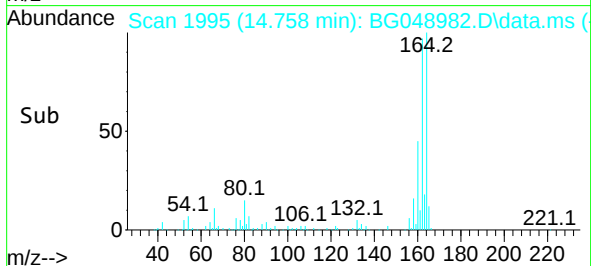
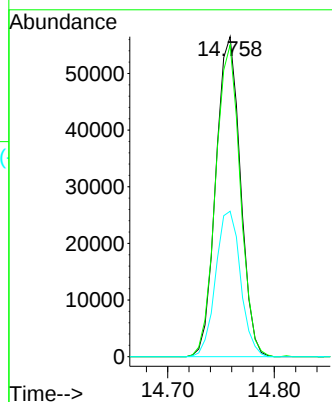


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.758 min Scan# 1995
Delta R.T. -0.009 min
Lab File: BG048982.D
Acq: 15 Jun 2021 18:00

Instrument :
BNA_G
ClientSampleId :
17-B6(24-28)

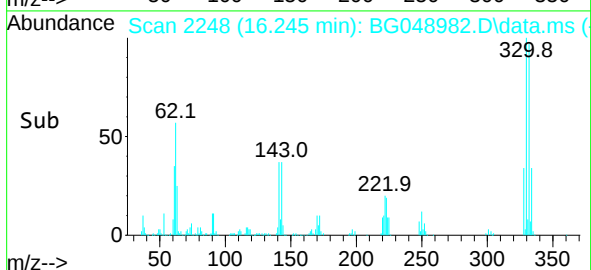
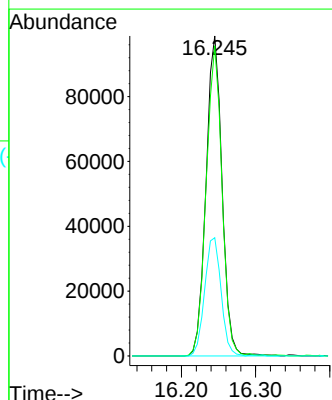
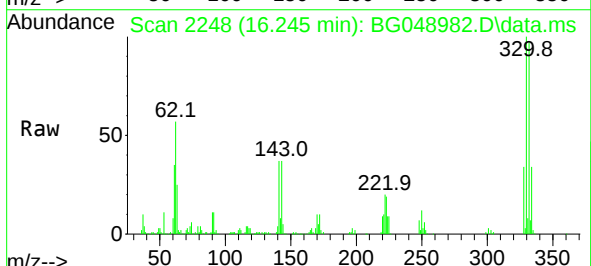


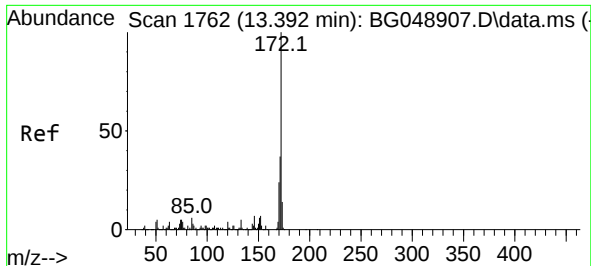
Tgt Ion:164 Resp: 89989
Ion Ratio Lower Upper
164 100
162 97.4 81.4 122.0
160 45.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 111.233 ng
RT: 16.245 min Scan# 2248
Delta R.T. -0.009 min
Lab File: BG048982.D
Acq: 15 Jun 2021 18:00

Tgt Ion:330 Resp: 148301
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 37.8 35.6 53.4

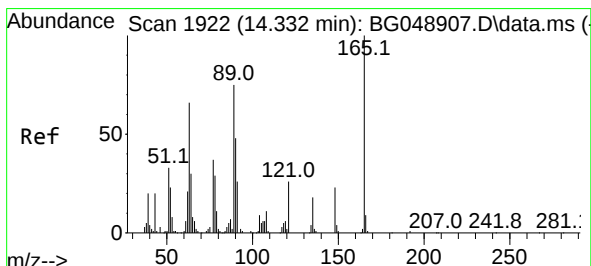
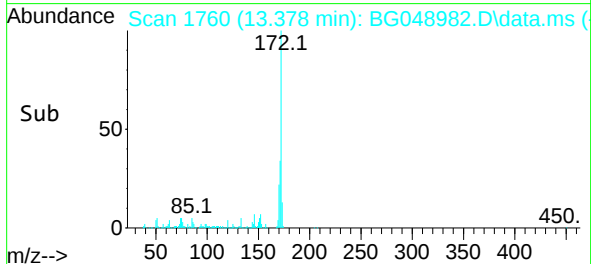
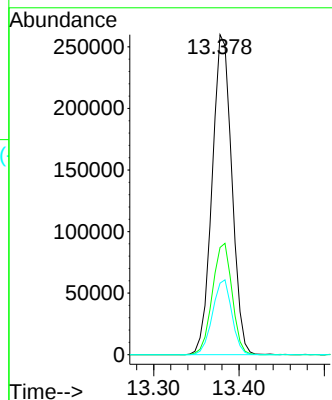
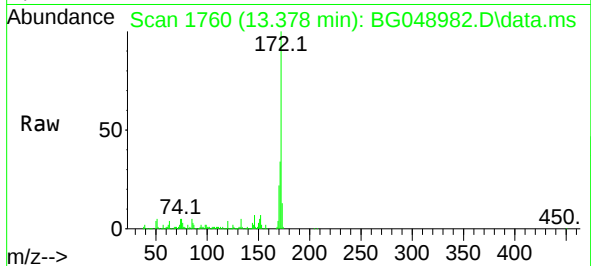




#45
2-Fluorobiphenyl
Concen: 65.465 ng
RT: 13.378 min Scan# 1760
Delta R.T. -0.014 min
Lab File: BG048982.D
Acq: 15 Jun 2021 18:00

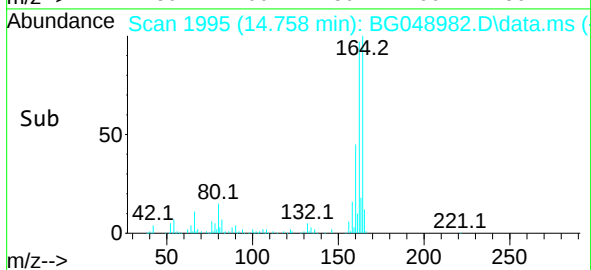
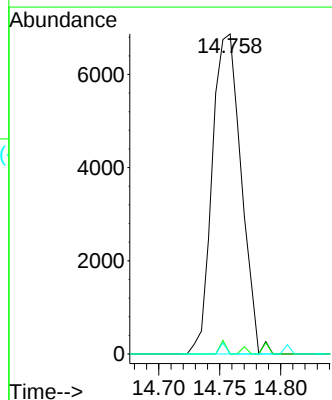
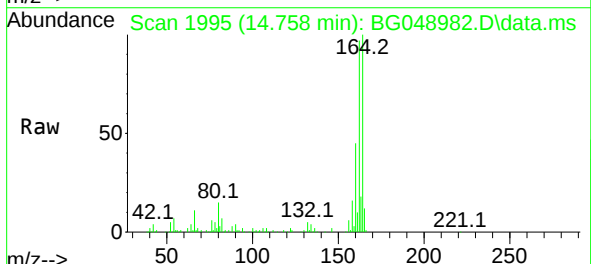
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ClientSampleId :
17-B6(24-28)

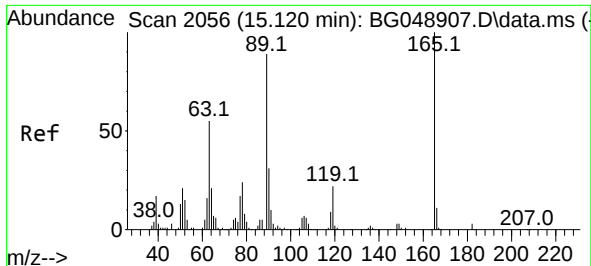
Tgt Ion:172 Resp: 417026
Ion Ratio Lower Upper
172 100
171 33.5 28.6 43.0
170 22.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.940 ng
RT: 14.758 min Scan# 1995
Delta R.T. 0.426 min
Lab File: BG048982.D
Acq: 15 Jun 2021 18:00

Tgt Ion:165 Resp: 11334
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

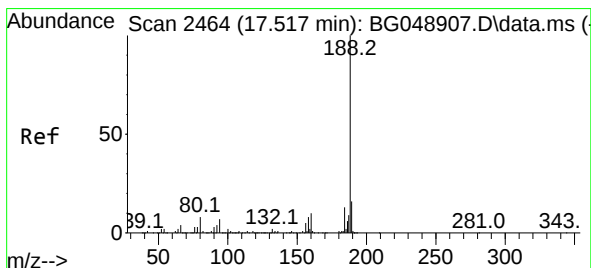
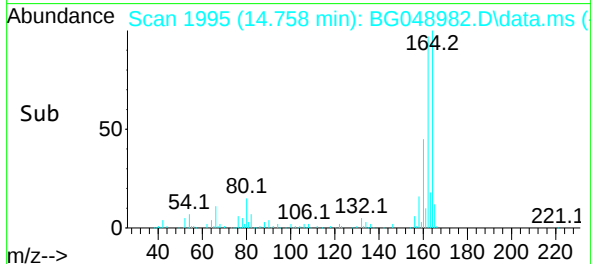
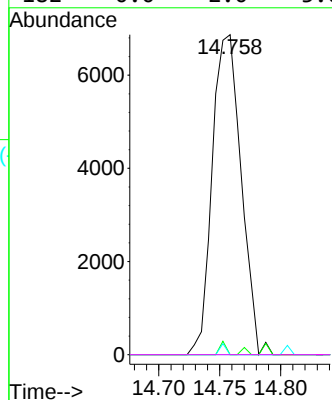
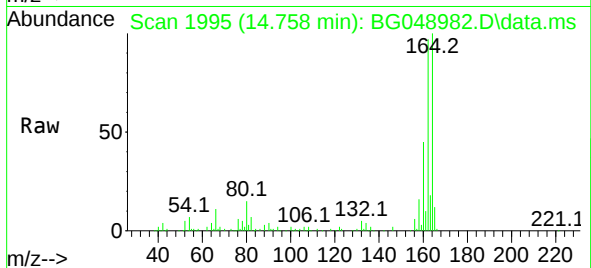




#57
2,4-Dinitrotoluene
Concen: 6.464 ng
RT: 14.758 min Scan# 1995
Delta R.T. -0.361 min
Lab File: BG048982.D
Acq: 15 Jun 2021 18:00

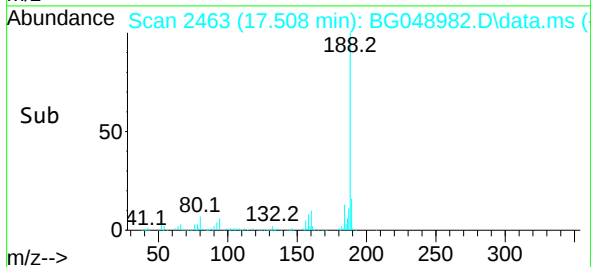
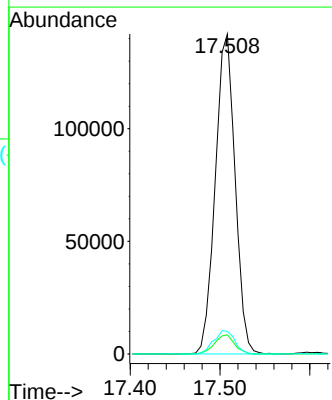
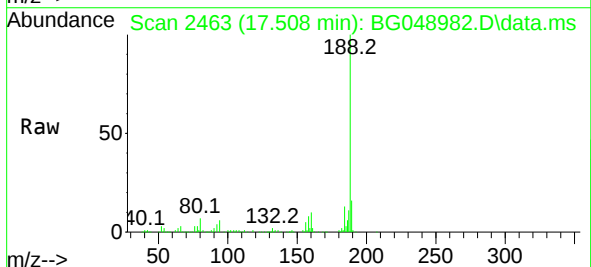
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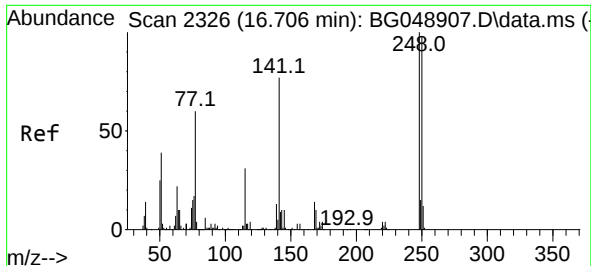
Tgt Ion:165 Resp: 11334
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.508 min Scan# 2463
Delta R.T. -0.009 min
Lab File: BG048982.D
Acq: 15 Jun 2021 18:00

Tgt Ion:188 Resp: 217108
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 7.1 3.7 5.5#

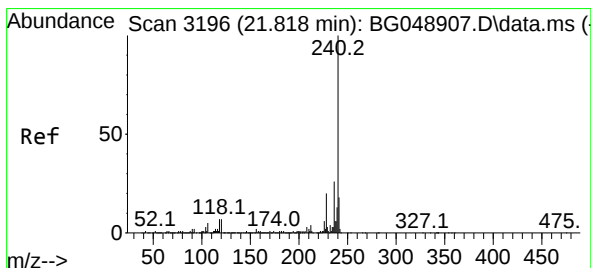
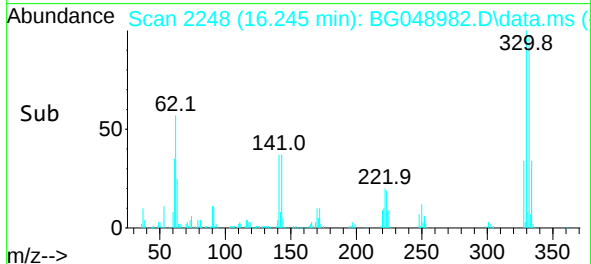
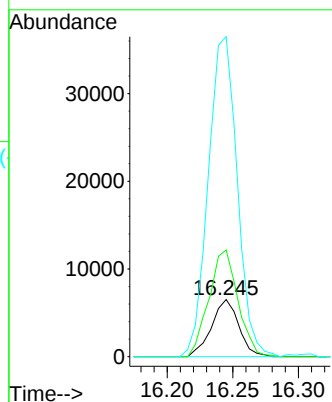
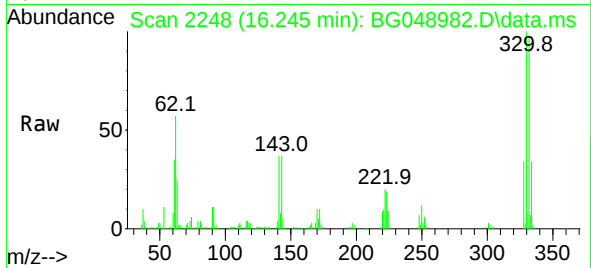




#67
4-Bromophenyl-phenylether
Concen: 3.478 ng
RT: 16.245 min Scan# 2248
Delta R.T. -0.461 min
Lab File: BG048982.D
Acq: 15 Jun 2021 18:00

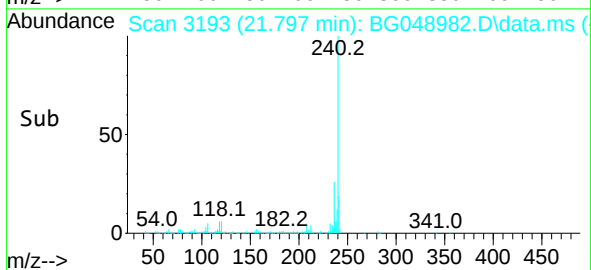
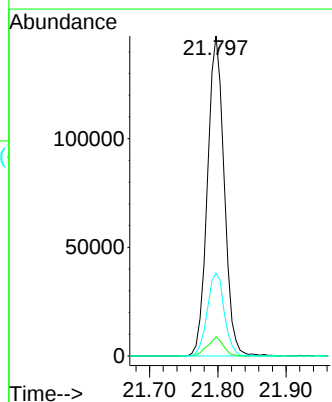
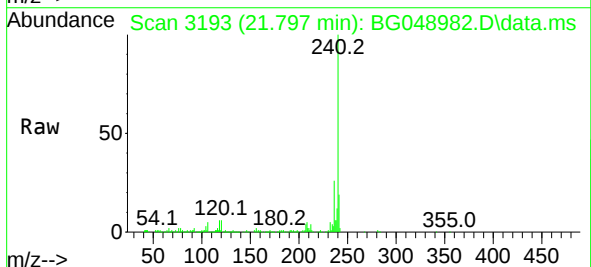
Instrument :
BNA_G
ClientSampleId :
17-B6(24-28)

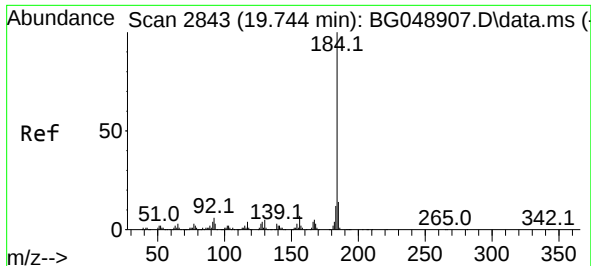
Tgt Ion:248 Resp: 9429
Ion Ratio Lower Upper
248 100
250 186.8 76.1 114.1#
141 559.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.797 min Scan# 3193
Delta R.T. -0.021 min
Lab File: BG048982.D
Acq: 15 Jun 2021 18:00

Tgt Ion:240 Resp: 250858
Ion Ratio Lower Upper
240 100
120 6.0 4.2 6.2
236 25.9 21.8 32.6

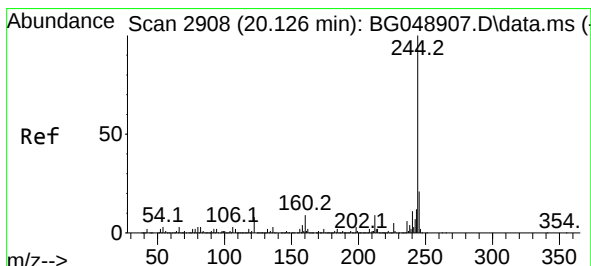
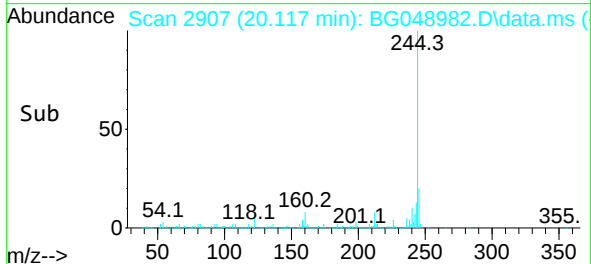
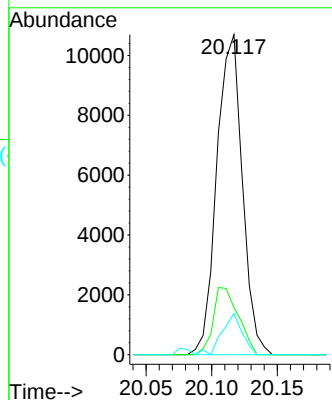
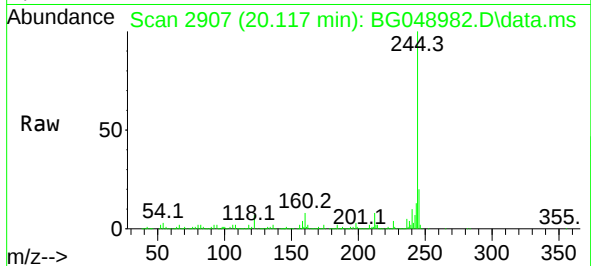




#77
Benzidine
Concen: 2.860 ng
RT: 20.117 min Scan# 2907
Delta R.T. 0.373 min
Lab File: BG048982.D
Acq: 15 Jun 2021 18:00

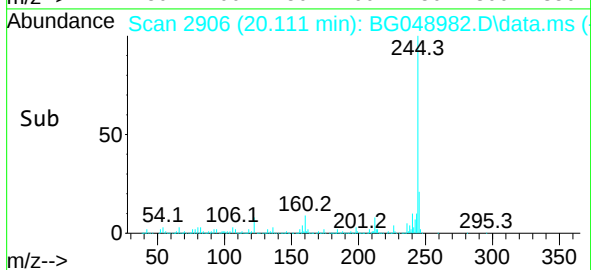
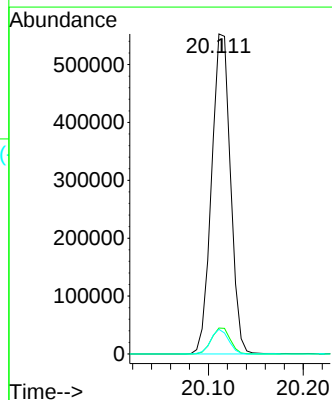
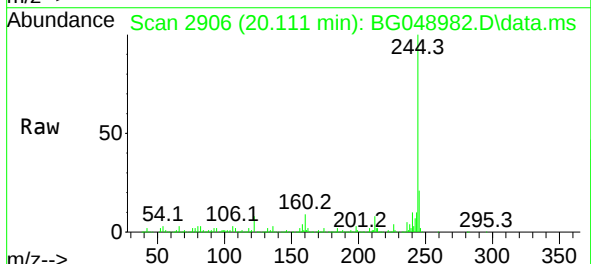
Instrument :
BNA_G
ClientSampleId :
17-B6(24-28)

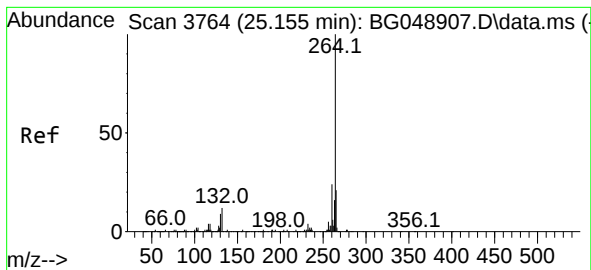
Tgt Ion:184 Resp: 14454
Ion Ratio Lower Upper
184 100
185 14.8 10.7 16.1
183 12.9 9.4 14.0



#79
Terphenyl-d14
Concen: 55.842 ng
RT: 20.111 min Scan# 2906
Delta R.T. -0.015 min
Lab File: BG048982.D
Acq: 15 Jun 2021 18:00

Tgt Ion:244 Resp: 764890
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 7.7 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.129 min Scan# 3760
 Delta R.T. -0.026 min
 Lab File: BG048982.D
 Acq: 15 Jun 2021 18:00

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(24-28)

Tgt Ion:264 Resp: 254890

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	20.8	16.9	25.3

