

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061821\
 Data File : BG049021.D
 Acq On : 18 Jun 2021 15:49
 Operator : CG/JU
 Sample : M2687-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(104-108)

Quant Time: Jun 18 16:24:32 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)

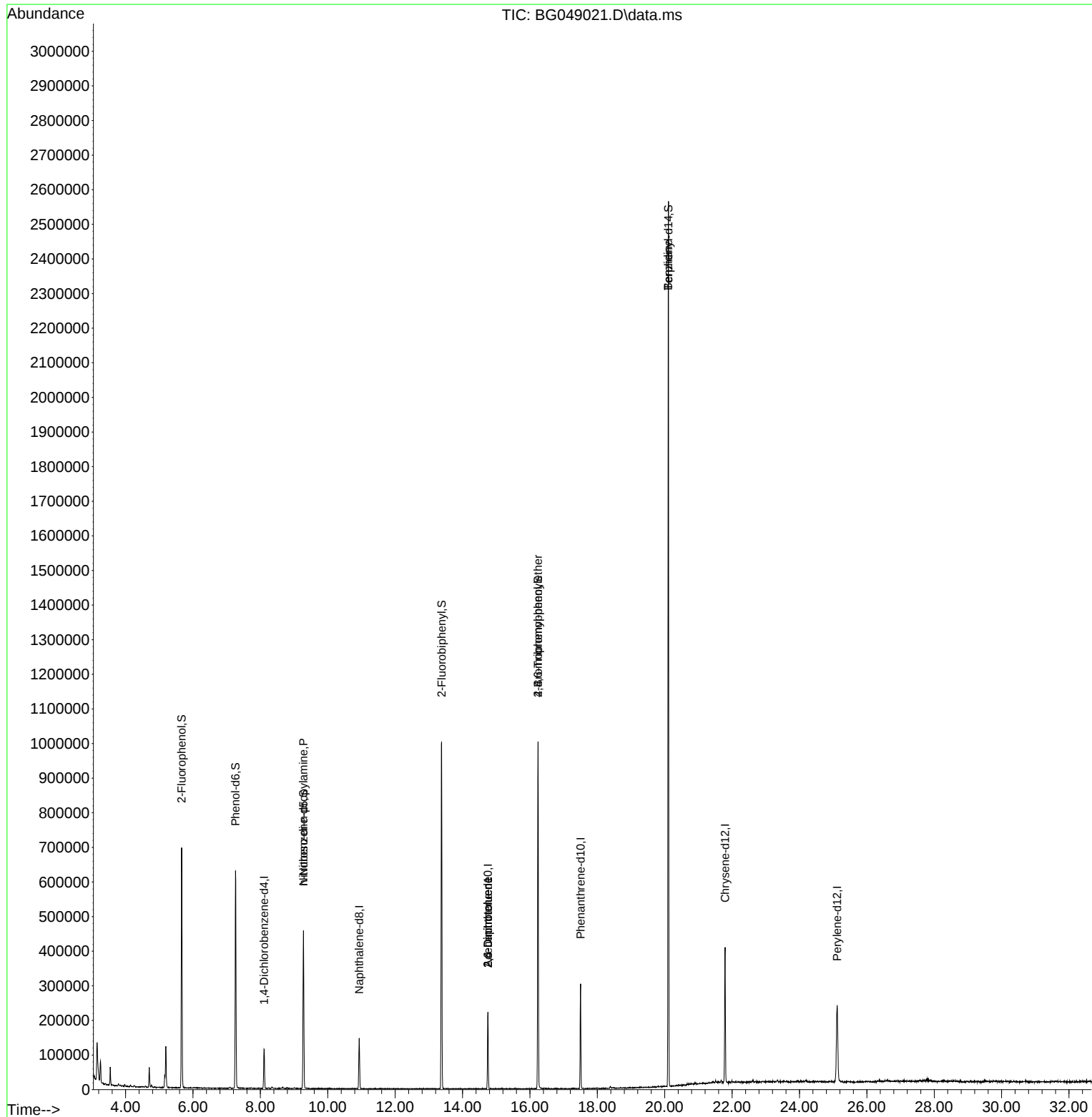
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	29286	20.000	ng	# 0.00
21) Naphthalene-d8	10.935	136	116238	20.000	ng	# 0.00
39) Acenaphthene-d10	14.754	164	77398	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	189235	20.000	ng	# 0.00
76) Chrysene-d12	21.793	240	245946	20.000	ng	0.00
86) Perylene-d12	25.118	264	253027	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	265639	141.199	ng	0.00
7) Phenol-d6	7.263	99	319136	113.180	ng	0.00
23) Nitrobenzene-d5	9.278	82	262749	97.470	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	187374	163.403	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	541694	98.870	ng	0.00
79) Terphenyl-d14	20.112	244	1219936	90.841	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.278	70	38547	17.489	ng	# 78
51) 2,6-Dinitrotoluene	14.754	165	10660	8.682	ng	# 10
57) 2,4-Dinitrotoluene	14.754	165	10660	7.068	ng	# 15
67) 4-Bromophenyl-phenylether	16.240	248	11740	4.969	ng	# 1
77) Benzidine	20.106	184	23822	4.808	ng	# 88

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

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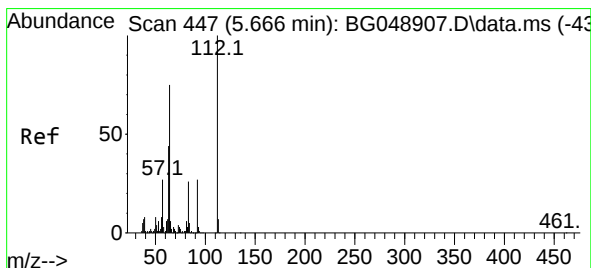
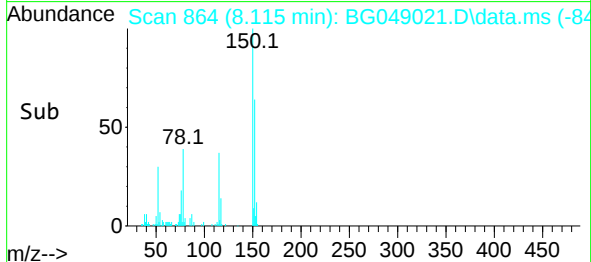
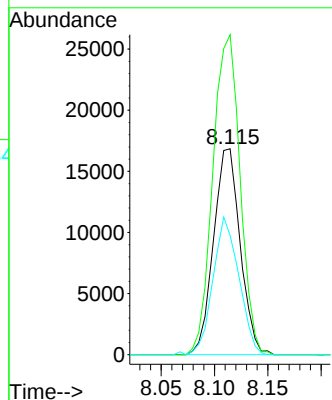
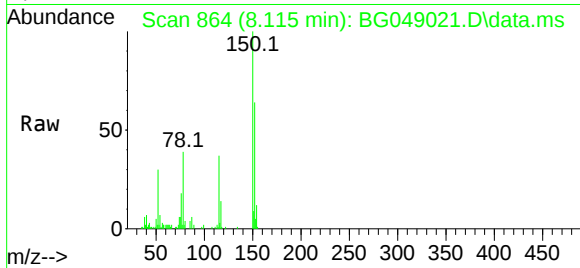




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.115 min Scan# 864
Delta R.T. 0.001 min
Lab File: BG049021.D
Acq: 18 Jun 2021 15:49

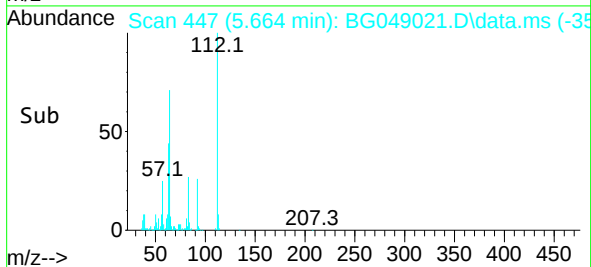
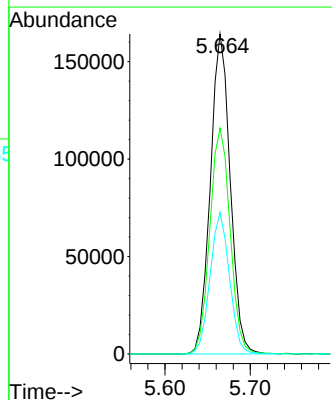
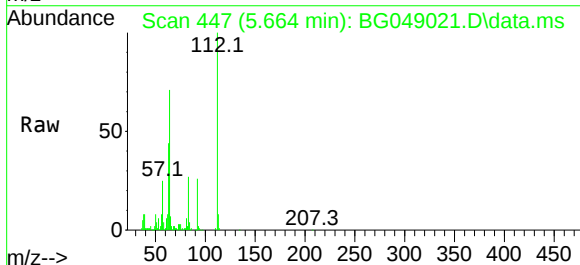
Instrument :
BNA_G
ClientSampleId :
17-B6(104-108)

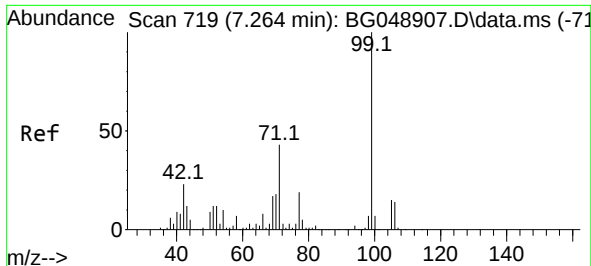
Tgt Ion:152 Resp: 29286
Ion Ratio Lower Upper
152 100
150 155.3 119.4 179.0
115 57.9 60.2 90.4#



#5
2-Fluorophenol
Concen: 141.199 ng
RT: 5.664 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG049021.D
Acq: 18 Jun 2021 15:49

Tgt Ion:112 Resp: 265639
Ion Ratio Lower Upper
112 100
64 70.5 46.7 70.1#
63 44.3 35.3 52.9

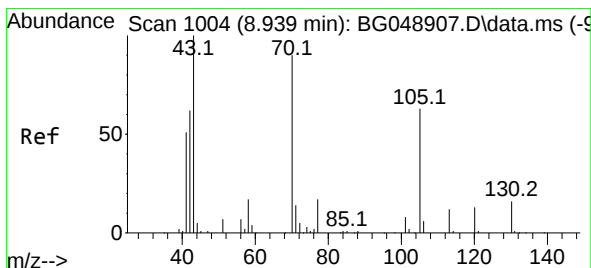
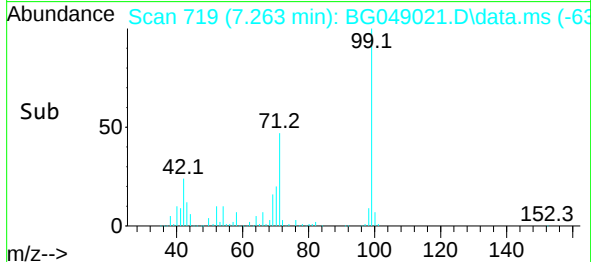
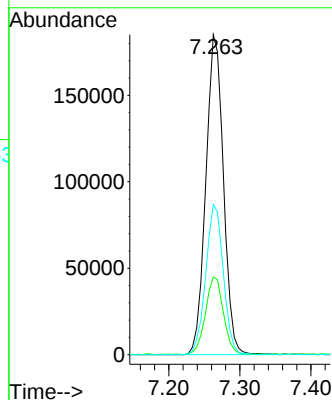
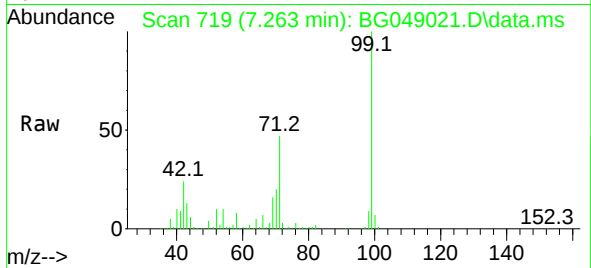




#7
Phenol-d6
Concen: 113.180 ng
RT: 7.263 min Scan# 719
Delta R.T. -0.005 min
Lab File: BG049021.D
Acq: 18 Jun 2021 15:49

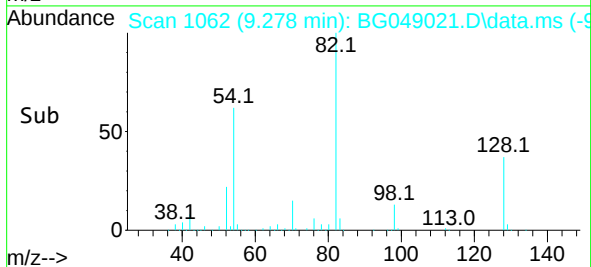
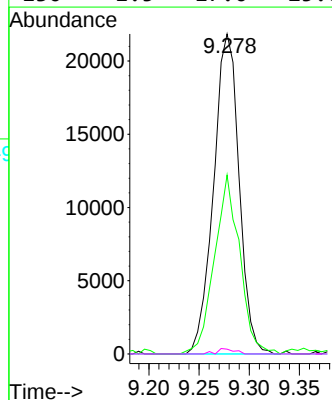
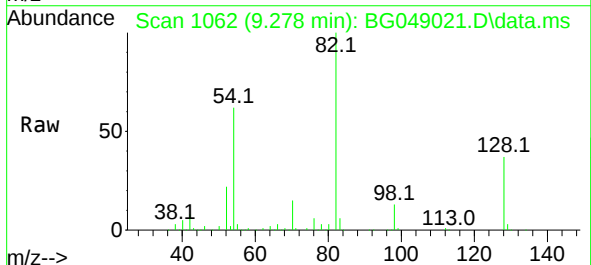
Instrument :
BNA_G
ClientSampleId :
17-B6(104-108)

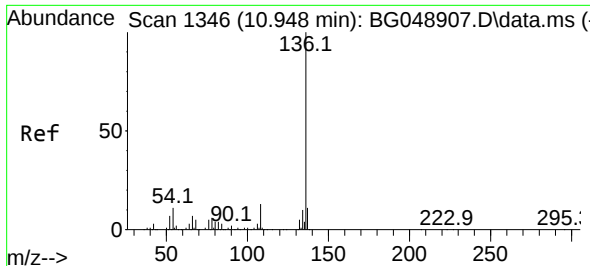
Tgt Ion: 99 Resp: 319136
Ion Ratio Lower Upper
99 100
42 24.3 20.5 30.7
71 46.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.489 ng
RT: 9.278 min Scan# 1062
Delta R.T. 0.354 min
Lab File: BG049021.D
Acq: 18 Jun 2021 15:49

Tgt Ion: 70 Resp: 38547
Ion Ratio Lower Upper
70 100
42 55.9 54.5 81.7
101 0.0 9.0 13.6#
130 1.5 17.0 25.6#

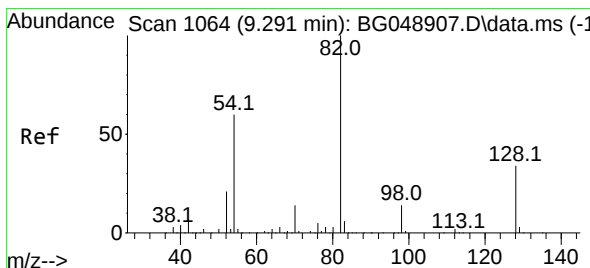
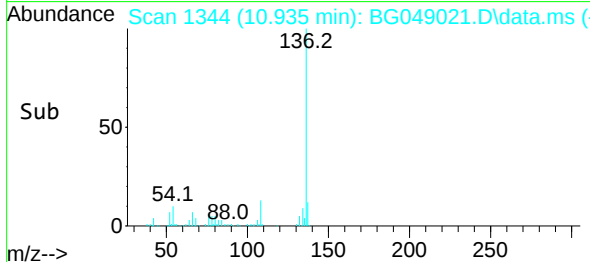
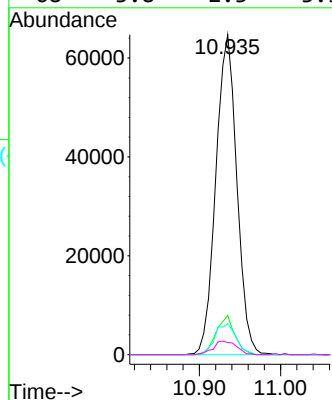
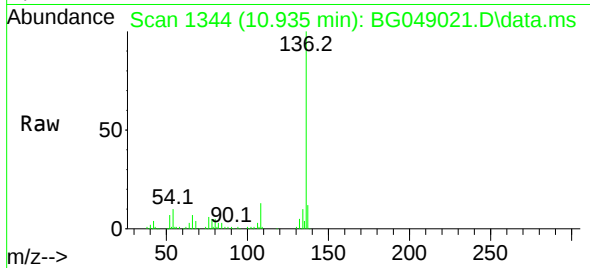




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.935 min Scan# 1344
Delta R.T. -0.005 min
Lab File: BG049021.D
Acq: 18 Jun 2021 15:49

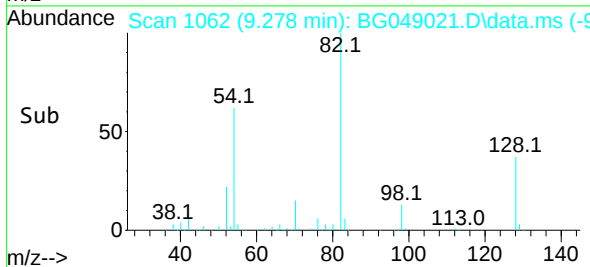
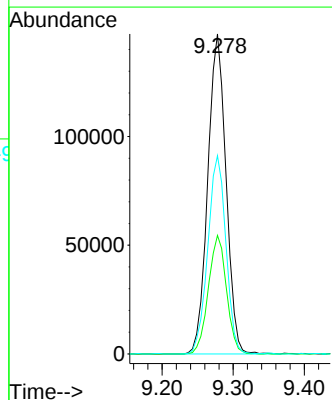
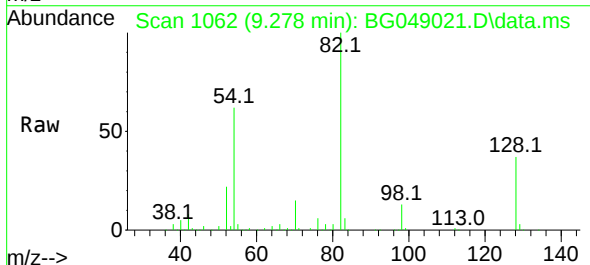
Instrument :
BNA_G
ClientSampleId :
17-B6(104-108)

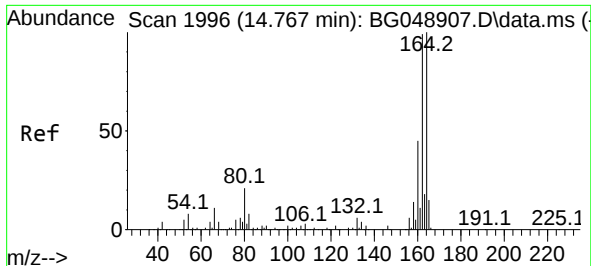
Tgt Ion:136	Resp:	116238
Ion Ratio	Lower	Upper
136	100	
137	12.3	8.2 12.2#
54	9.7	5.5 8.3#
68	3.8	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 97.470 ng
RT: 9.278 min Scan# 1062
Delta R.T. -0.005 min
Lab File: BG049021.D
Acq: 18 Jun 2021 15:49

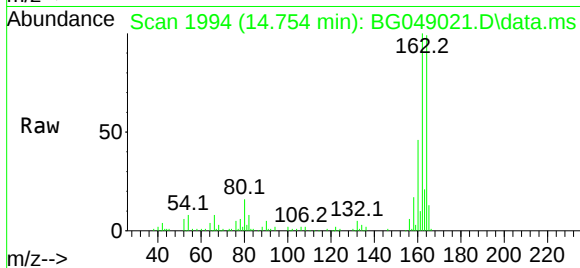
Tgt Ion: 82	Resp:	262749
Ion Ratio	Lower	Upper
82	100	
128	37.1	29.8 44.6
54	62.0	45.8 68.8



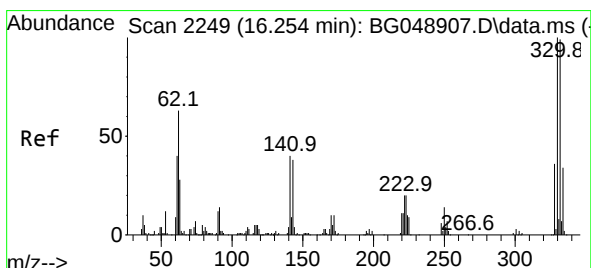
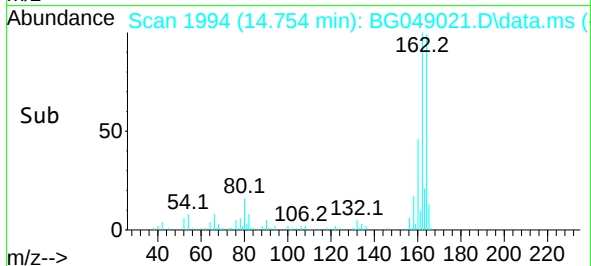
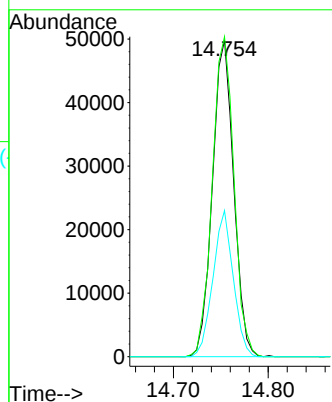


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.754 min Scan# 1994
Delta R.T. -0.005 min
Lab File: BG049021.D
Acq: 18 Jun 2021 15:49

Instrument :
BNA_G
ClientSampleId :
17-B6(104-108)

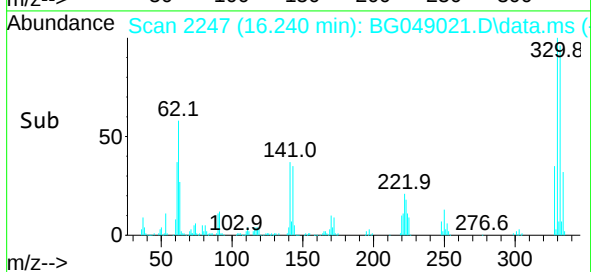
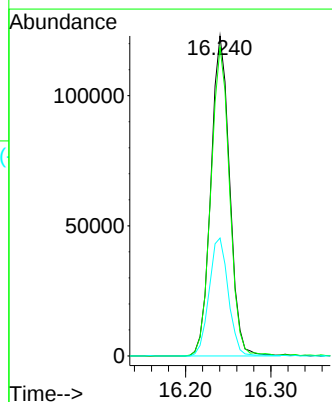
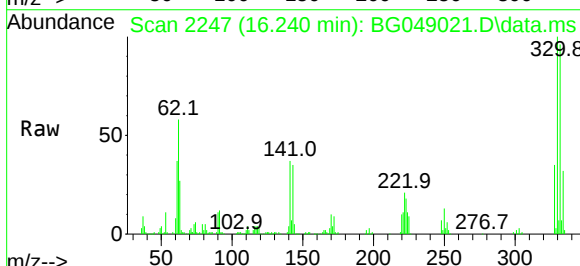


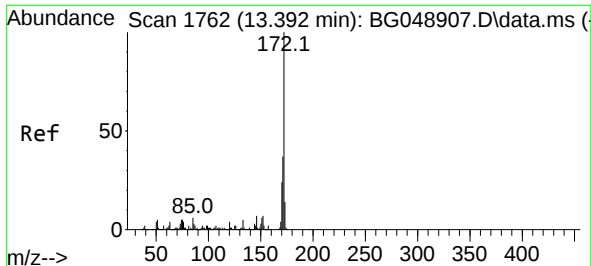
Tgt Ion:164 Resp: 77398
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 46.1 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 163.403 ng
RT: 16.240 min Scan# 2247
Delta R.T. -0.005 min
Lab File: BG049021.D
Acq: 18 Jun 2021 15:49

Tgt Ion:330 Resp: 187374
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 38.0 35.6 53.4

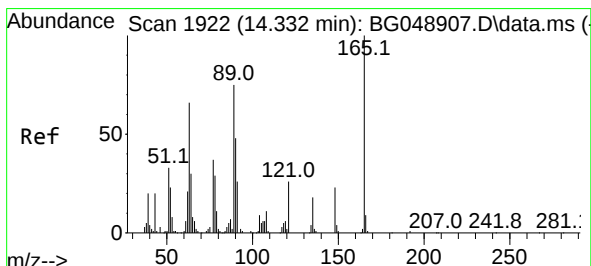
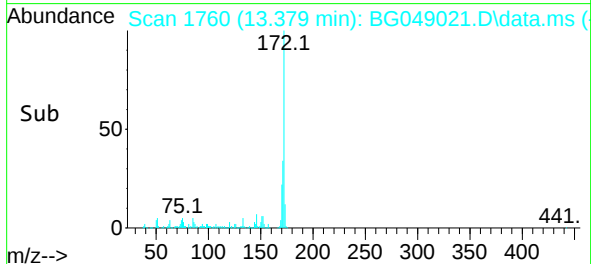
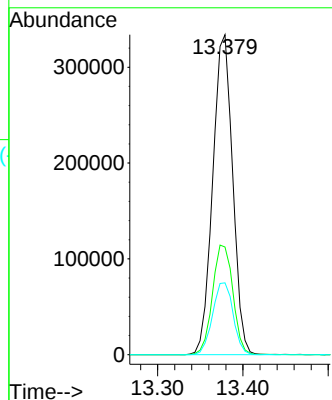
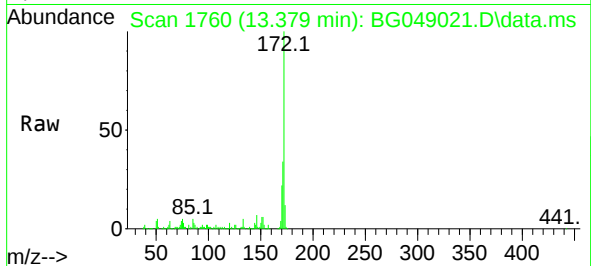




#45
2-Fluorobiphenyl
Concen: 98.870 ng
RT: 13.379 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BG049021.D
Acq: 18 Jun 2021 15:49

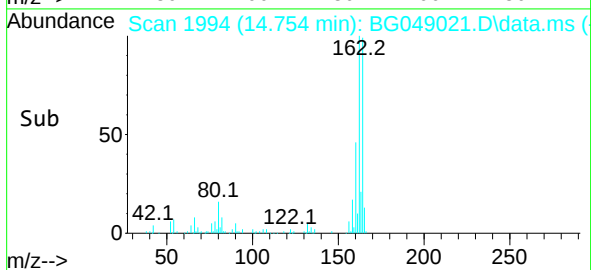
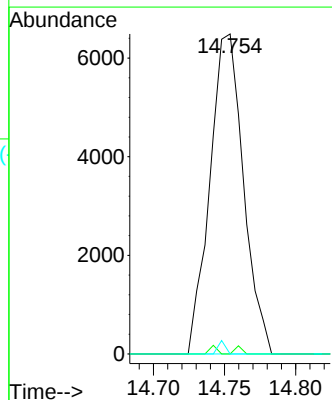
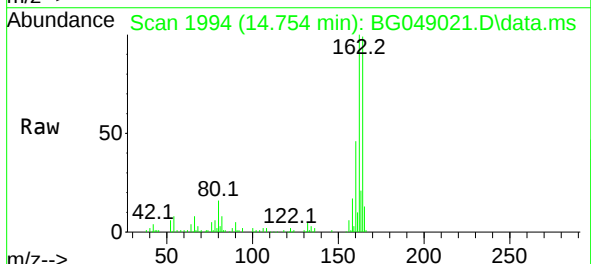
Instrument :
BNA_G
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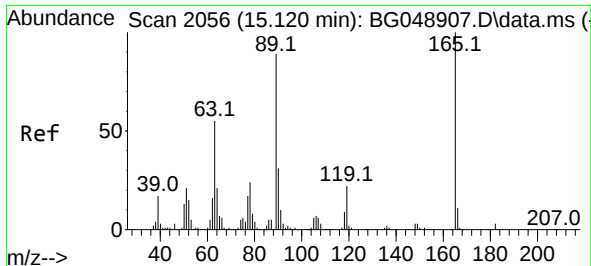
Tgt Ion:172 Resp: 541694
Ion Ratio Lower Upper
172 100
171 33.6 28.6 43.0
170 22.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.682 ng
RT: 14.754 min Scan# 1994
Delta R.T. 0.430 min
Lab File: BG049021.D
Acq: 18 Jun 2021 15:49

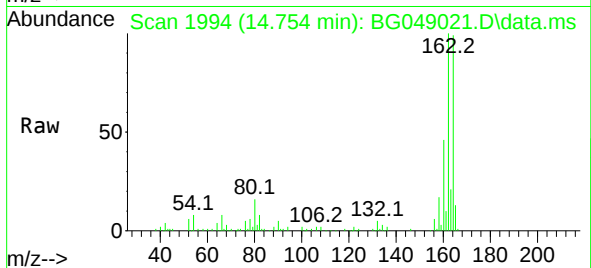
Tgt Ion:165 Resp: 10660
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



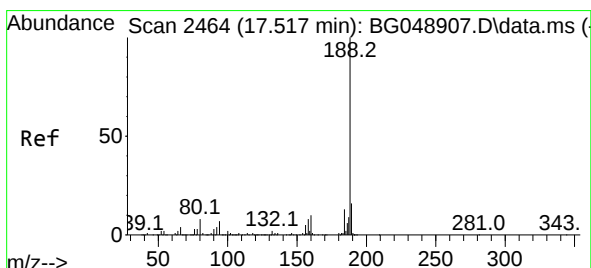
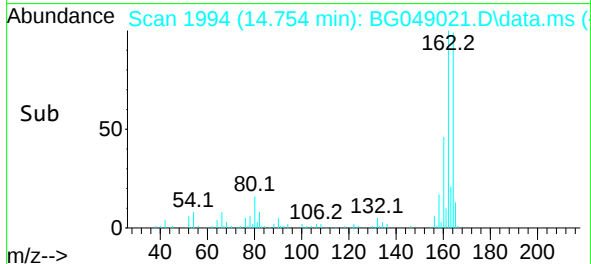
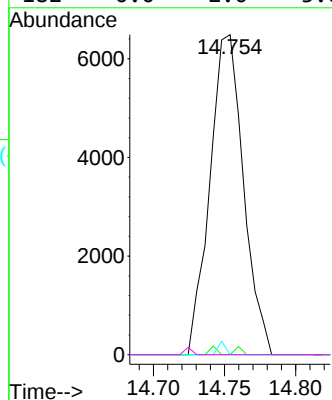


#57
2,4-Dinitrotoluene
Concen: 7.068 ng
RT: 14.754 min Scan# 1994
Delta R.T. -0.357 min
Lab File: BG049021.D
Acq: 18 Jun 2021 15:49

Instrument :
BNA_G
ClientSampleId :
17-B6(104-108)

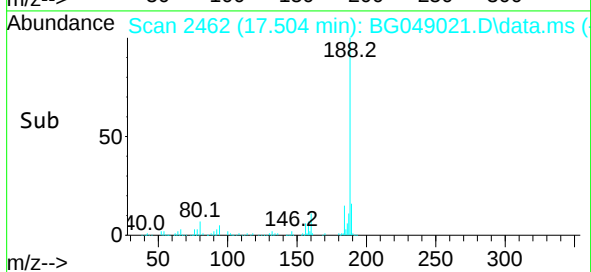
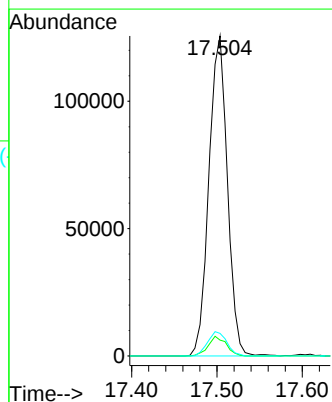
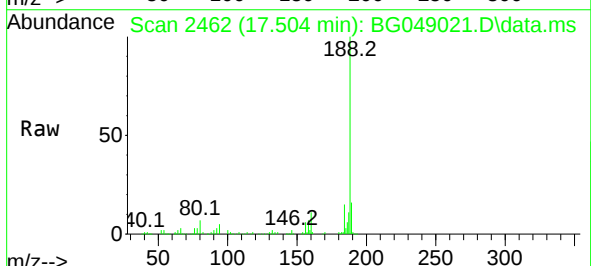


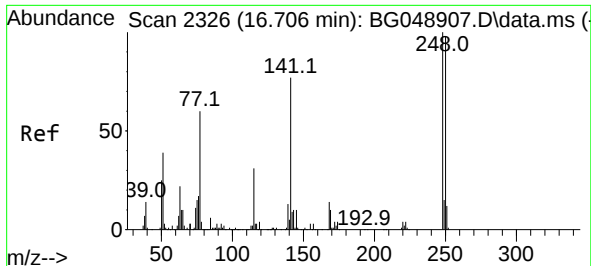
Tgt Ion:165 Resp: 10660
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2462
Delta R.T. -0.005 min
Lab File: BG049021.D
Acq: 18 Jun 2021 15:49

Tgt Ion:188 Resp: 189235
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 7.1 3.7 5.5#

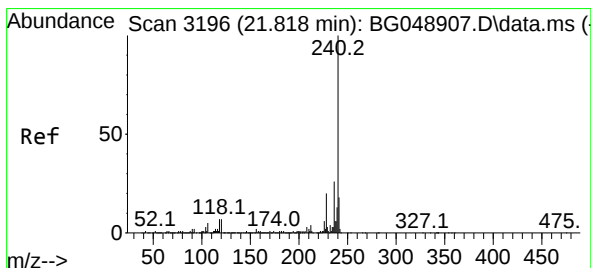
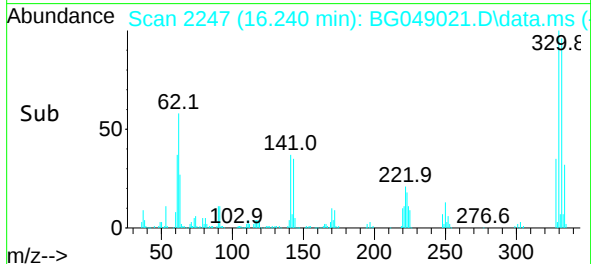
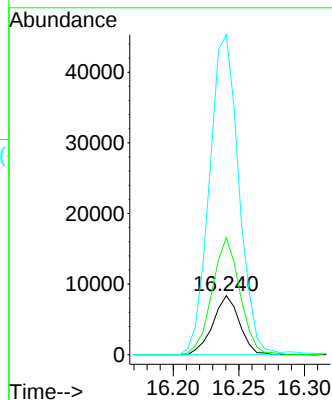
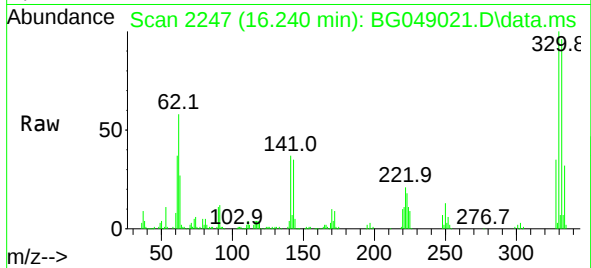




#67
4-Bromophenyl-phenylether
Concen: 4.969 ng
RT: 16.240 min Scan# 2247
Delta R.T. -0.451 min
Lab File: BG049021.D
Acq: 18 Jun 2021 15:49

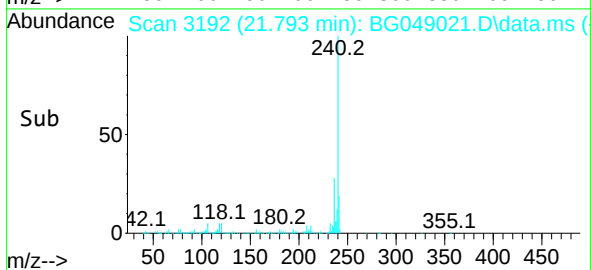
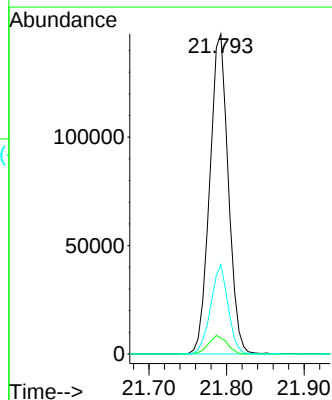
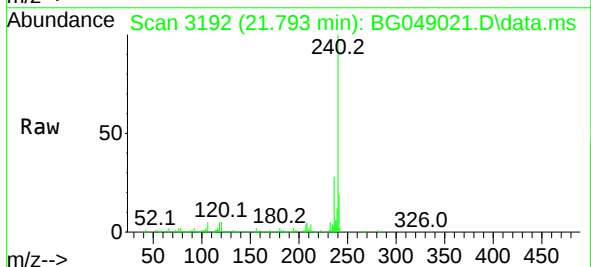
Instrument :
BNA_G
ClientSampleId :
17-B6(104-108)

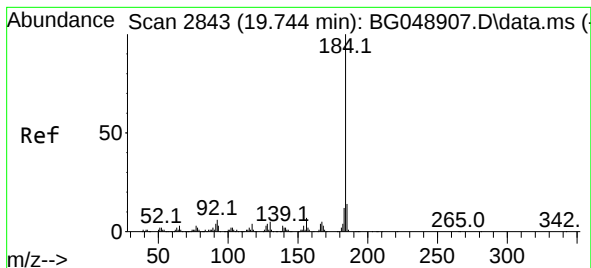
Tgt Ion:248 Resp: 11740
Ion Ratio Lower Upper
248 100
250 198.4 76.1 114.1#
141 542.3 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.793 min Scan# 3192
Delta R.T. -0.005 min
Lab File: BG049021.D
Acq: 18 Jun 2021 15:49

Tgt Ion:240 Resp: 245946
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 27.9 21.8 32.6

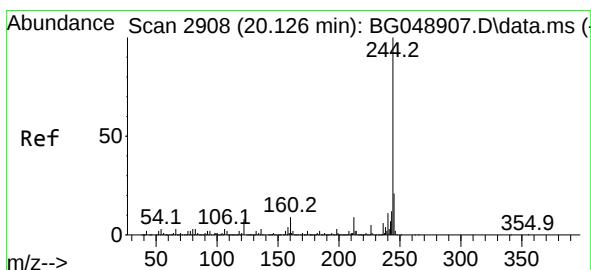
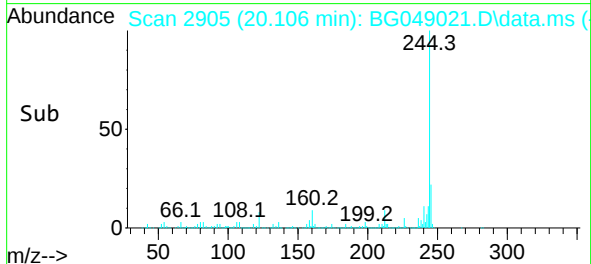
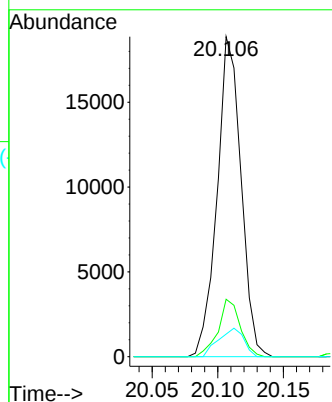
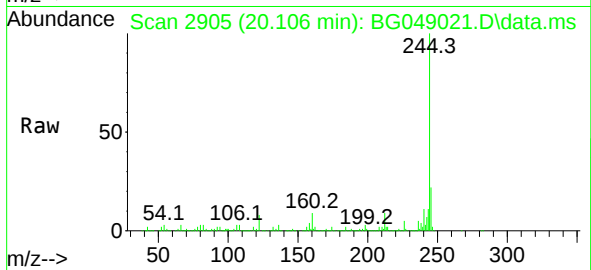




#77
Benzidine
Concen: 4.808 ng
RT: 20.106 min Scan# 2905
Delta R.T. 0.377 min
Lab File: BG049021.D
Acq: 18 Jun 2021 15:49

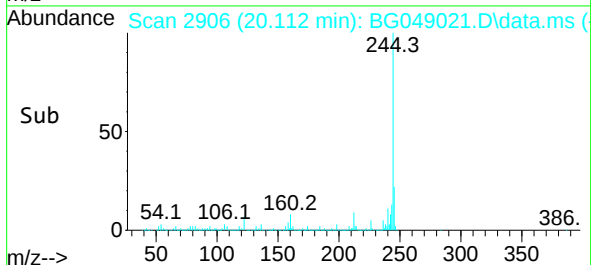
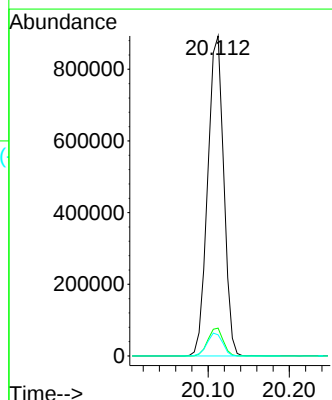
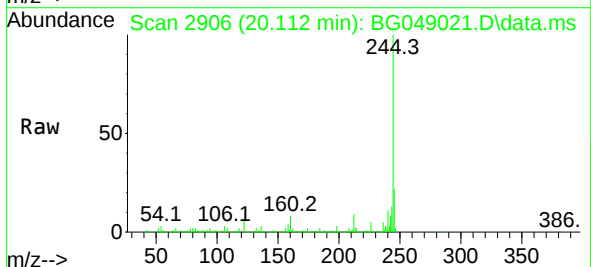
Instrument :
BNA_G
ClientSampleId :
17-B6(104-108)

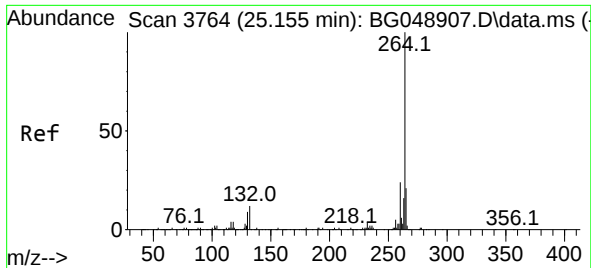
Tgt Ion:184 Resp: 23822
Ion Ratio Lower Upper
184 100
185 17.9 10.7 16.1#
183 7.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 90.841 ng
RT: 20.112 min Scan# 2906
Delta R.T. 0.001 min
Lab File: BG049021.D
Acq: 18 Jun 2021 15:49

Tgt Ion:244 Resp: 1219936
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 6.6 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: BG049021.D
 Acq: 18 Jun 2021 15:49

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(104-108)

Tgt Ion:264 Resp: 253027
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 20.6 16.9 25.3

