

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061621\
 Data File : BG049003.D
 Acq On : 16 Jun 2021 18:37
 Operator : CG/JU
 Sample : M2672-28
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(36-40)

Quant Time: Jun 17 03:31:48 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)

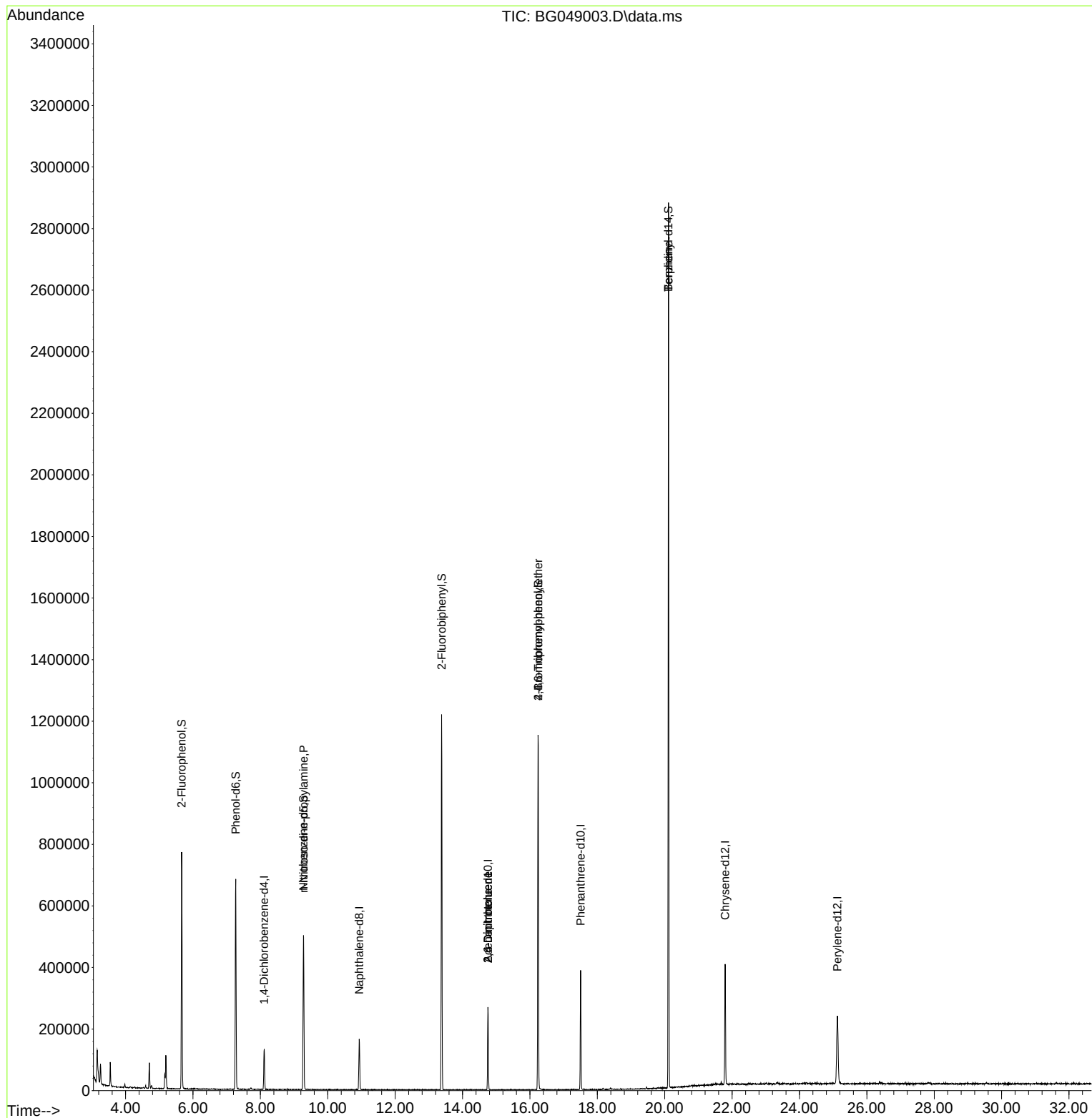
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	32788	20.00	ng	0.00
21) Naphthalene-d8	10.934	136	131736	20.00	ng	# 0.00
39) Acenaphthene-d10	14.753	164	95566	20.00	ng	0.00
64) Phenanthrene-d10	17.503	188	241818	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	256505	20.00	ng	0.00
86) Perylene-d12	25.123	264	256273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	284013	134.84	ng	0.00
7) Phenol-d6	7.268	99	347029	109.93	ng	0.00
23) Nitrobenzene-d5	9.277	82	296712	97.12	ng	0.00
42) 2,4,6-Tribromophenol	16.245	330	215893	152.48	ng	0.00
45) 2-Fluorobiphenyl	13.378	172	611604	90.41	ng	0.00
79) Terphenyl-d14	20.111	244	1292196	92.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.283	70	44473	18.02	ng	# 75
51) 2,6-Dinitrotoluene	14.753	165	12574	8.29	ng	# 11
57) 2,4-Dinitrotoluene	14.753	165	12574	6.75	ng	# 16
67) 4-Bromophenyl-phenylether	16.245	248	13987	4.63	ng	# 1
77) Benzidine	20.111	184	26012	5.03	ng	# 95

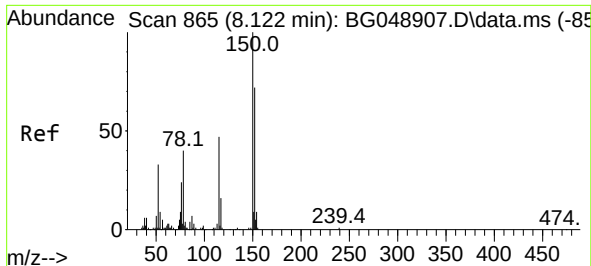
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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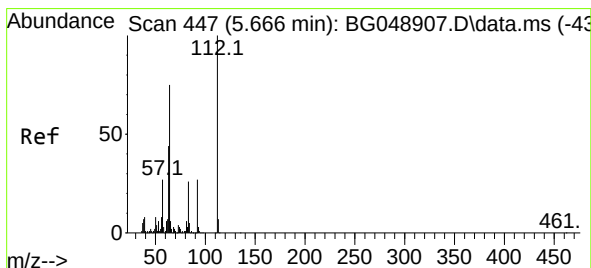
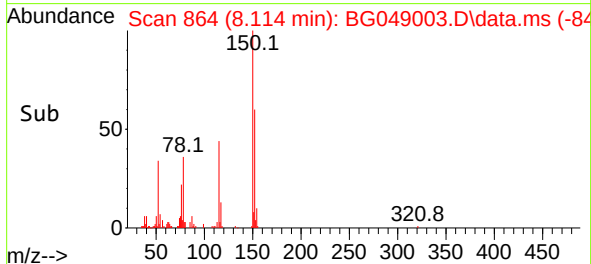
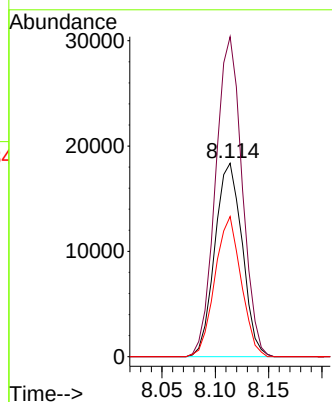
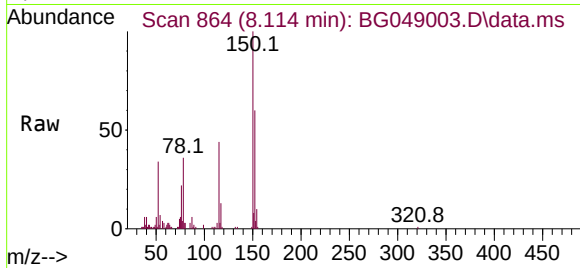




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.114 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: BG049003.D
 Acq: 16 Jun 2021 18:37

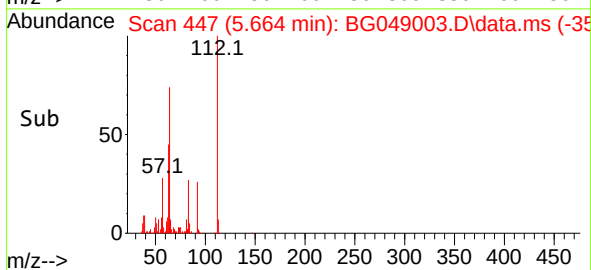
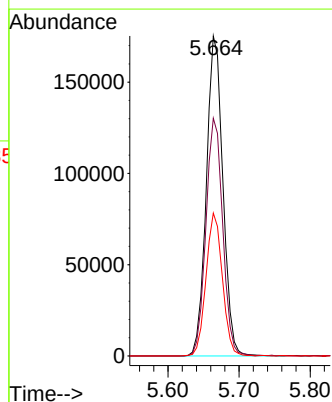
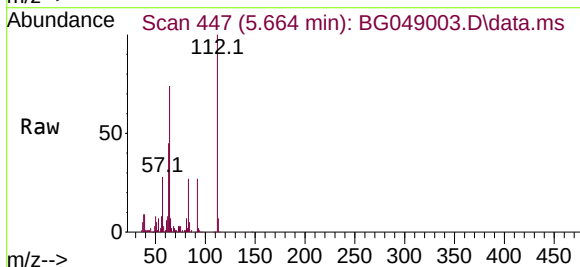
Instrument :
 BNA_G
 ClientSampleId :
 17-B6(36-40)

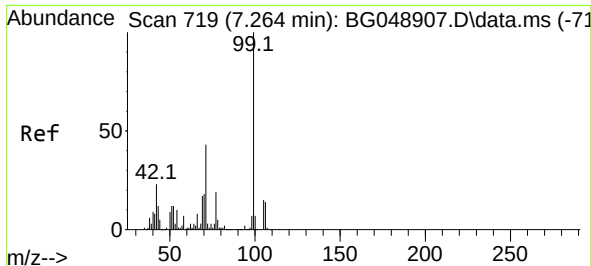
Tgt Ion:152 Resp: 32788
 Ion Ratio Lower Upper
 152 100
 150 165.4 119.4 179.0
 115 72.4 60.2 90.4



#5
 2-Fluorophenol
 Concen: 134.84 ng
 RT: 5.664 min Scan# 447
 Delta R.T. 0.000 min
 Lab File: BG049003.D
 Acq: 16 Jun 2021 18:37

Tgt Ion:112 Resp: 284013
 Ion Ratio Lower Upper
 112 100
 64 74.3 46.7 70.1#
 63 44.6 35.3 52.9

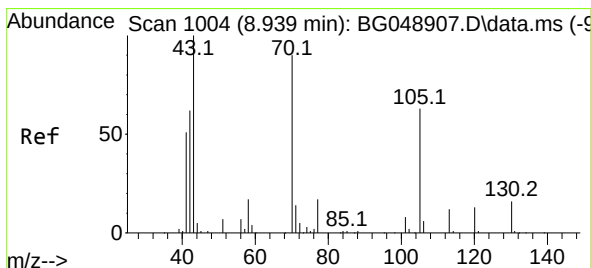
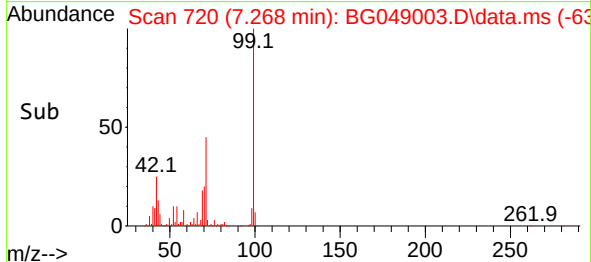
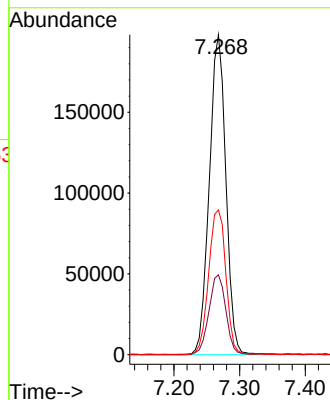
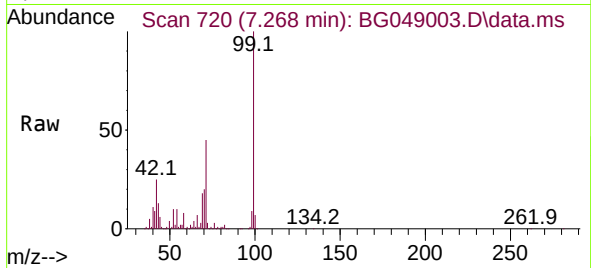




#7
Phenol-d6
Concen: 109.93 ng
RT: 7.268 min Scan# 720
Delta R.T. 0.000 min
Lab File: BG049003.D
Acq: 16 Jun 2021 18:37

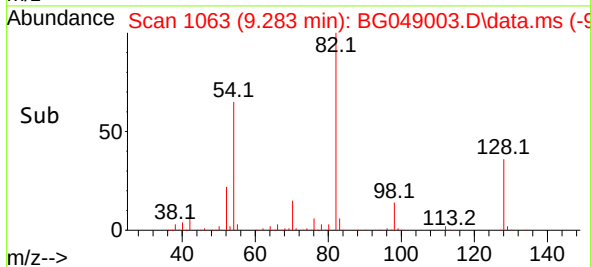
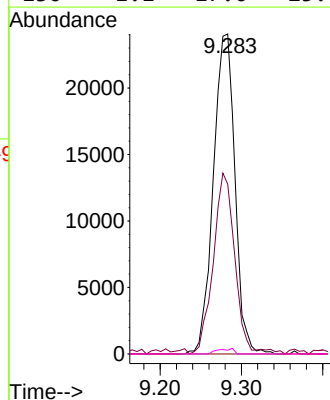
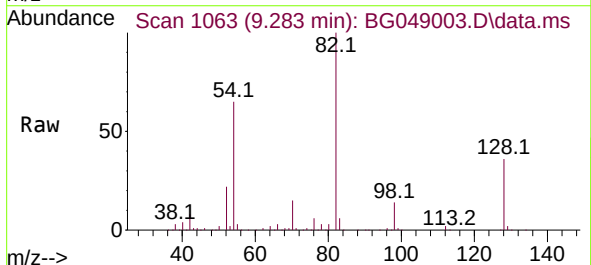
Instrument :
BNA_G
ClientSampleId :
17-B6(36-40)

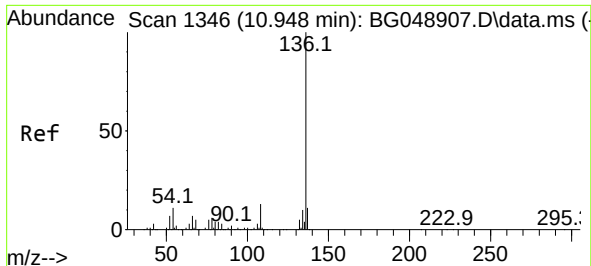
Tgt Ion: 99 Resp: 347029
Ion Ratio Lower Upper
99 100
42 25.0 20.5 30.7
71 45.3 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.02 ng
RT: 9.283 min Scan# 1063
Delta R.T. 0.359 min
Lab File: BG049003.D
Acq: 16 Jun 2021 18:37

Tgt Ion: 70 Resp: 44473
Ion Ratio Lower Upper
70 100
42 53.1 54.5 81.7#
101 0.0 9.0 13.6#
130 1.1 17.0 25.6#

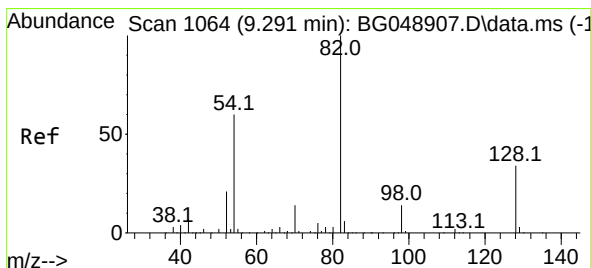
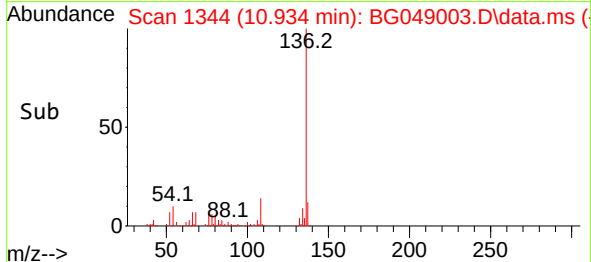
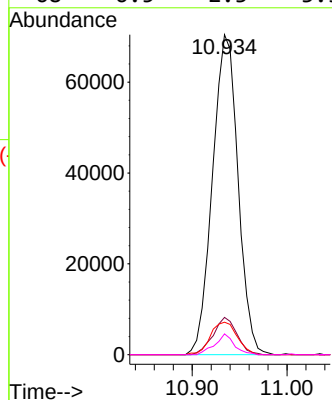
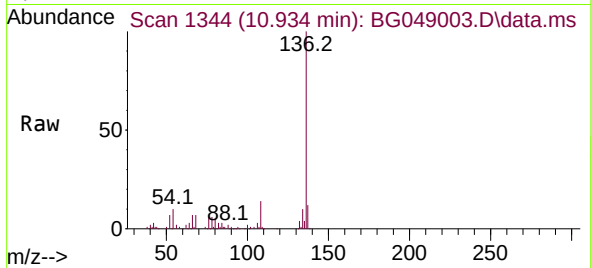




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.934 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BG049003.D
Acq: 16 Jun 2021 18:37

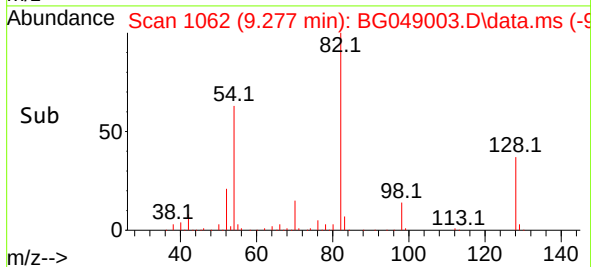
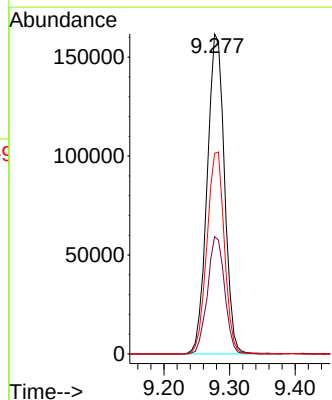
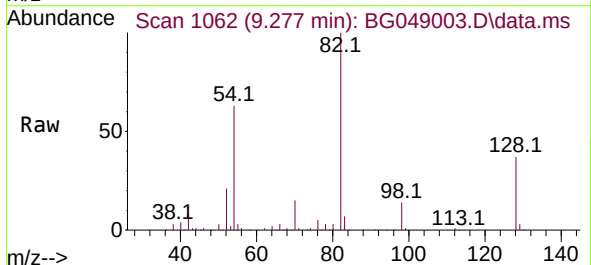
Instrument :
BNA_G
ClientSampleId :
17-B6(36-40)

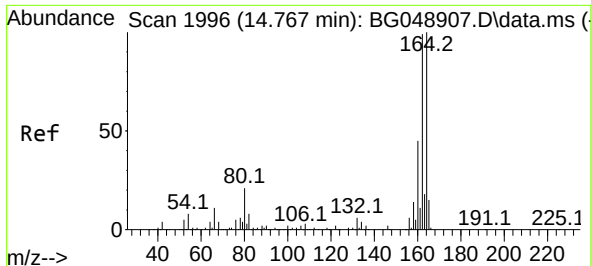
Tgt Ion:136	Resp:	131736
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.2 12.2
54	10.1	5.5 8.3#
68	6.5	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 97.12 ng
RT: 9.277 min Scan# 1062
Delta R.T. -0.006 min
Lab File: BG049003.D
Acq: 16 Jun 2021 18:37

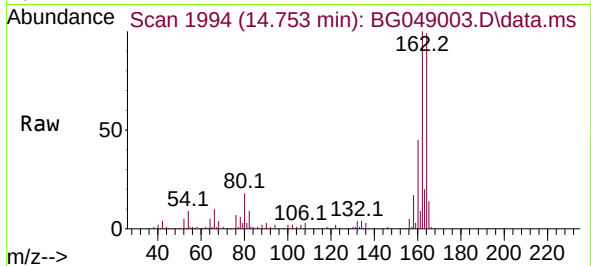
Tgt Ion: 82	Resp:	296712
Ion Ratio	Lower	Upper
82	100	
128	36.6	29.8 44.6
54	62.7	45.8 68.8



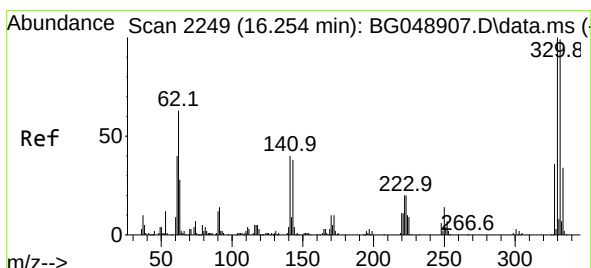
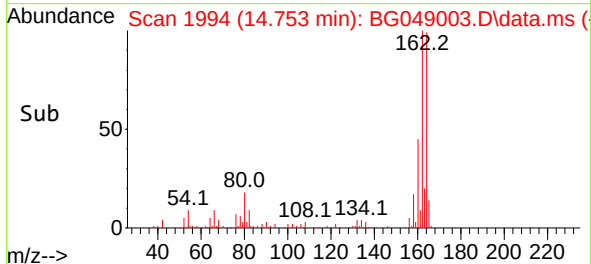
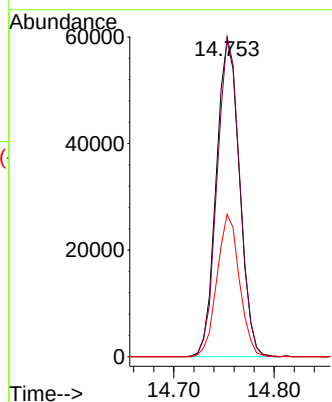


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.753 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BG049003.D
Acq: 16 Jun 2021 18:37

Instrument :
BNA_G
ClientSampleId :
17-B6(36-40)

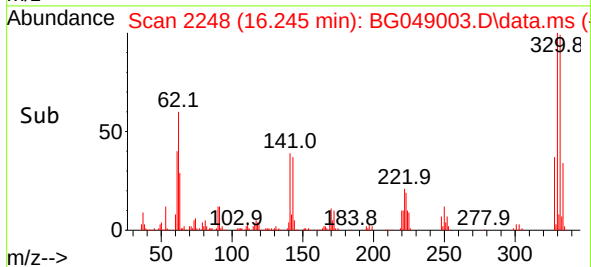
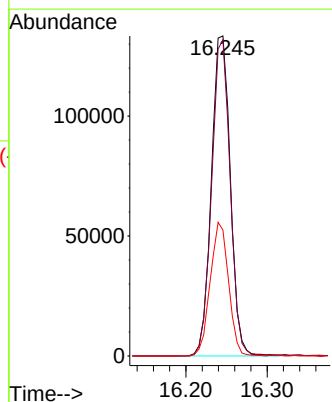
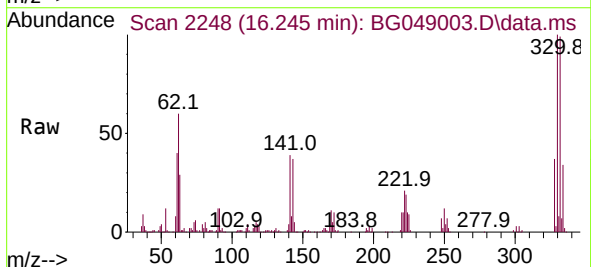


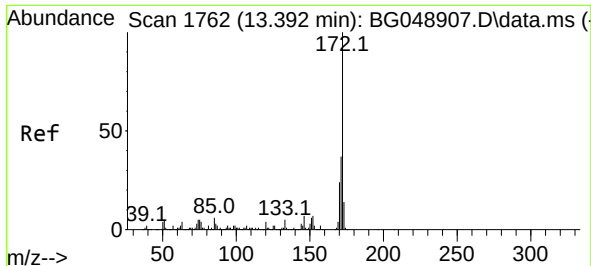
Tgt Ion:164	Resp:	95566	
Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.0
160	45.0	34.9	52.3



#42
2,4,6-Tribromophenol
Concen: 152.48 ng
RT: 16.245 min Scan# 2248
Delta R.T. 0.000 min
Lab File: BG049003.D
Acq: 16 Jun 2021 18:37

Tgt Ion:330	Resp:	215893	
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	40.4	35.6	53.4

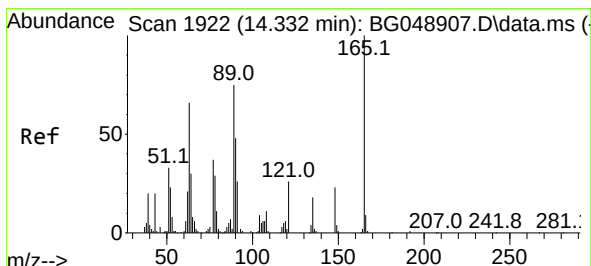
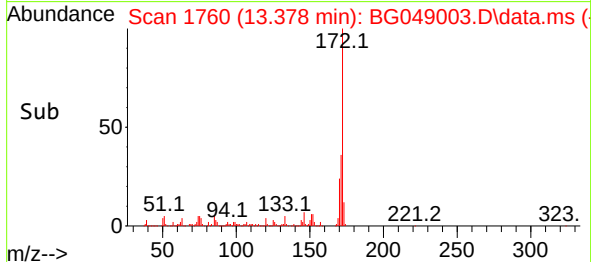
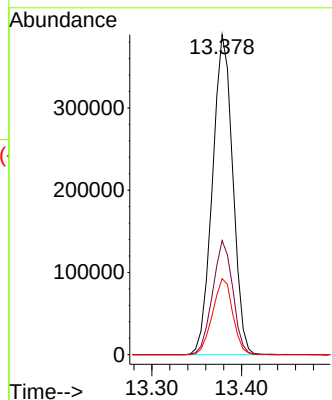
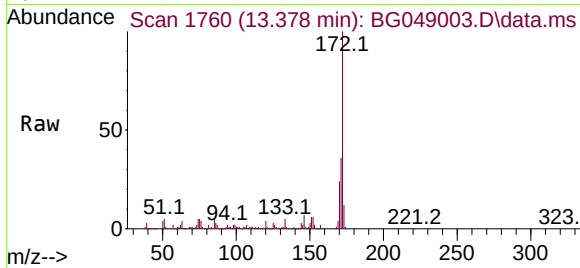




#45
2-Fluorobiphenyl
Concen: 90.41 ng
RT: 13.378 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BG049003.D
Acq: 16 Jun 2021 18:37

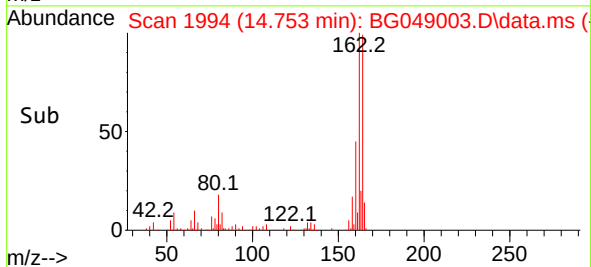
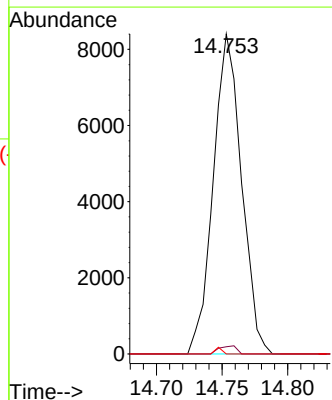
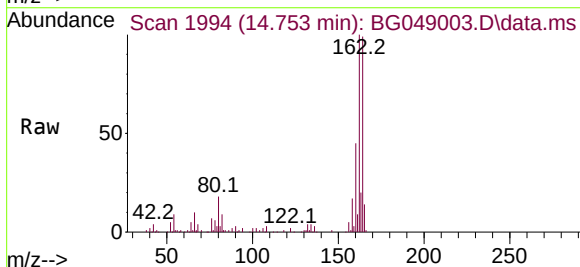
Instrument :
BNA_G
ClientSampleId :
17-B6(36-40)

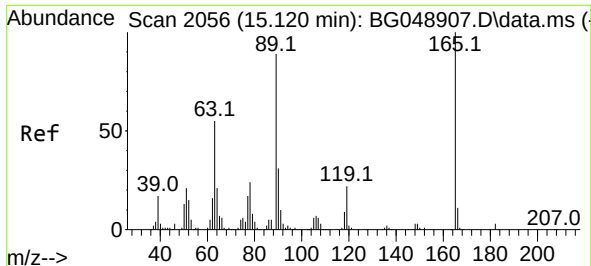
Tgt Ion:172 Resp: 611604
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.29 ng
RT: 14.753 min Scan# 1994
Delta R.T. 0.429 min
Lab File: BG049003.D
Acq: 16 Jun 2021 18:37

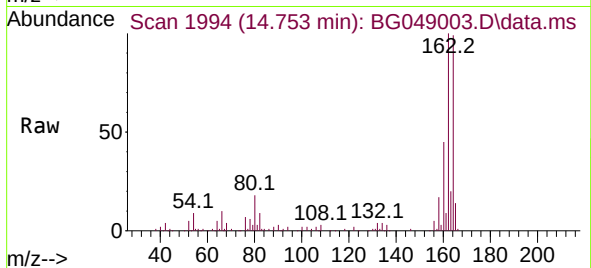
Tgt Ion:165 Resp: 12574
Ion Ratio Lower Upper
165 100
63 2.3 63.3 94.9#
89 0.0 63.4 95.0#



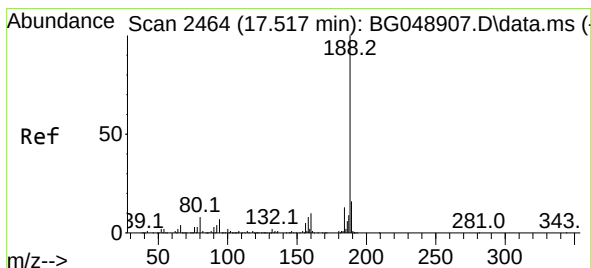
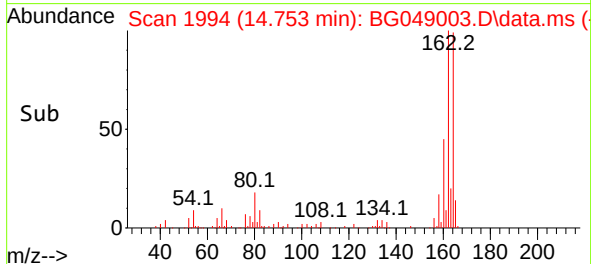
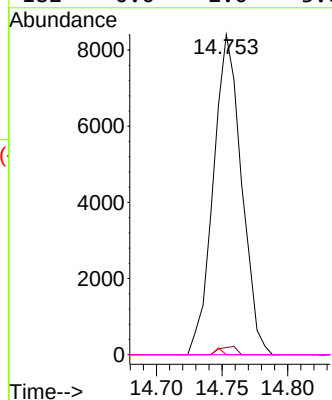


#57
2,4-Dinitrotoluene
Concen: 6.75 ng
RT: 14.753 min Scan# 1994
Delta R.T. -0.358 min
Lab File: BG049003.D
Acq: 16 Jun 2021 18:37

Instrument :
BNA_G
ClientSampleId :
17-B6(36-40)

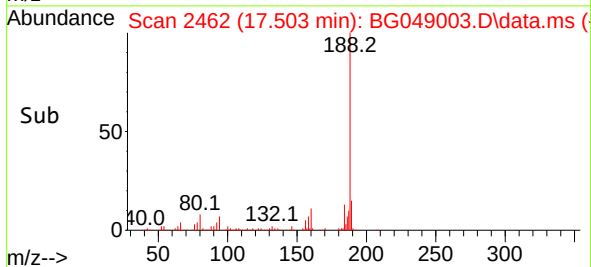
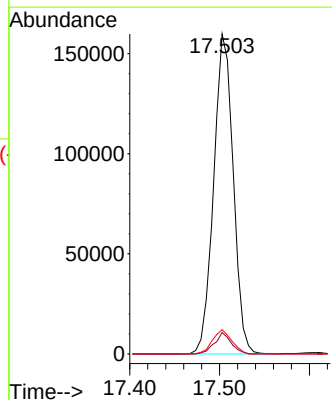
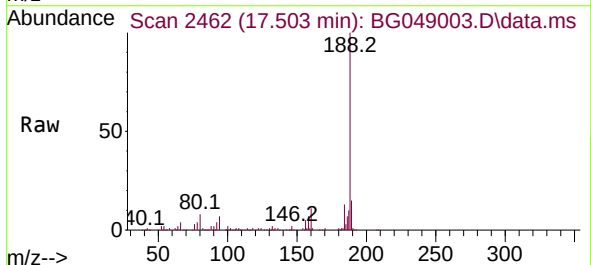


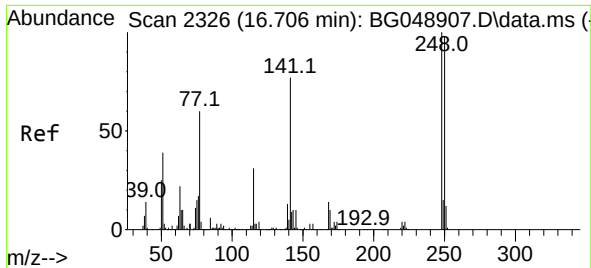
Tgt Ion:165 Resp: 12574
Ion Ratio Lower Upper
165 100
63 2.3 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2462
Delta R.T. -0.006 min
Lab File: BG049003.D
Acq: 16 Jun 2021 18:37

Tgt Ion:188 Resp: 241818
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 7.6 3.7 5.5#

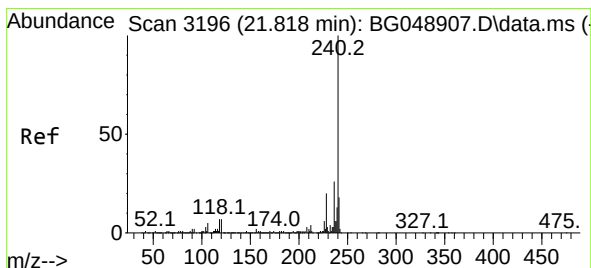
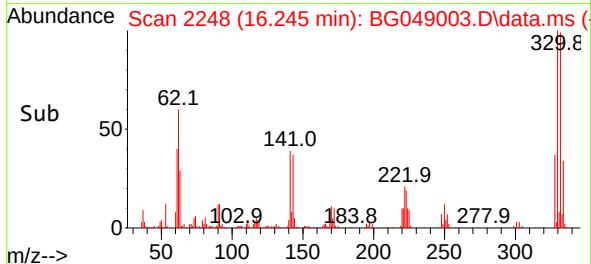
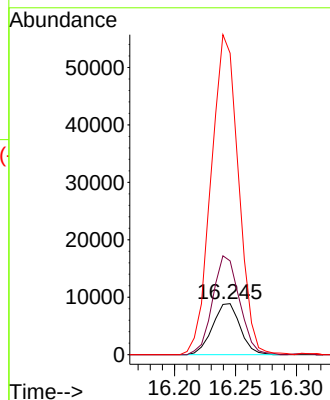
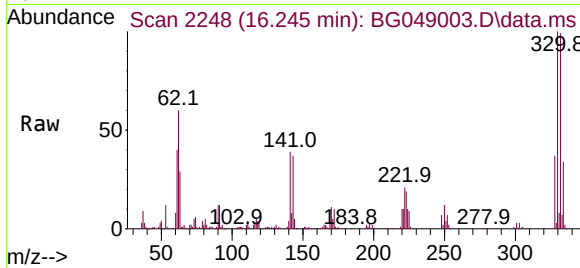




#67
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 16.245 min Scan# 2248
Delta R.T. -0.446 min
Lab File: BG049003.D
Acq: 16 Jun 2021 18:37

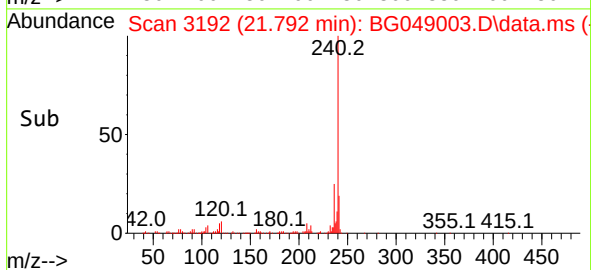
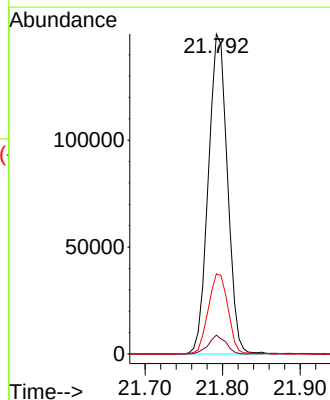
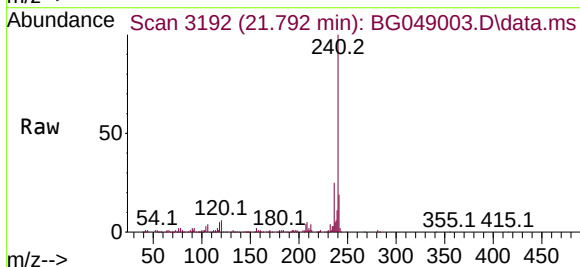
Instrument :
BNA_G
ClientSampled :
17-B6(36-40)

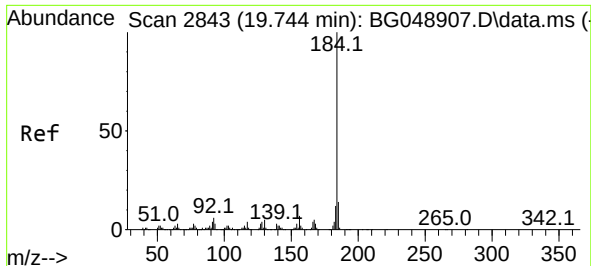
Tgt Ion:248 Resp: 13987
Ion Ratio Lower Upper
248 100
250 183.4 76.1 114.1#
141 590.0 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3192
Delta R.T. -0.006 min
Lab File: BG049003.D
Acq: 16 Jun 2021 18:37

Tgt Ion:240 Resp: 256505
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.2
236 25.0 21.8 32.6

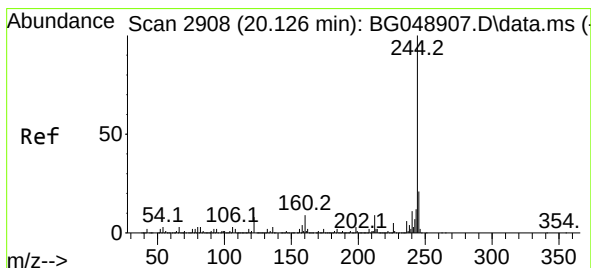
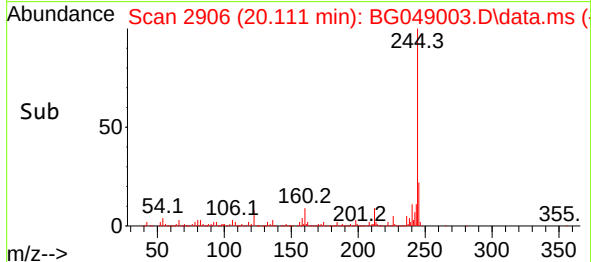
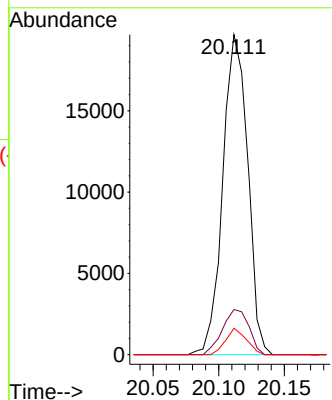
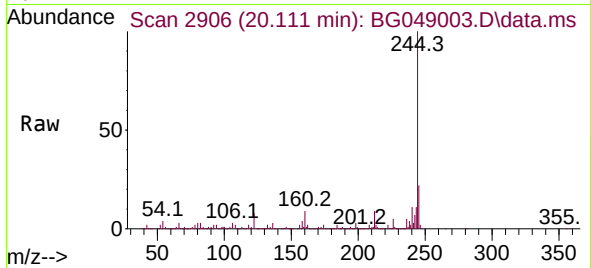




#77
Benzidine
Concen: 5.03 ng
RT: 20.111 min Scan# 2906
Delta R.T. 0.382 min
Lab File: BG049003.D
Acq: 16 Jun 2021 18:37

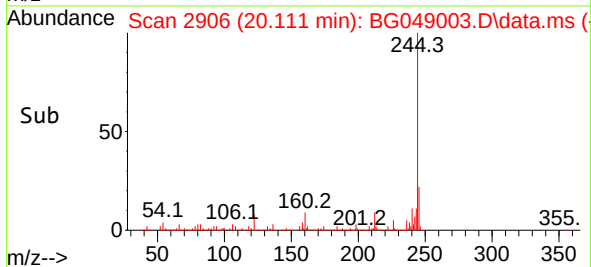
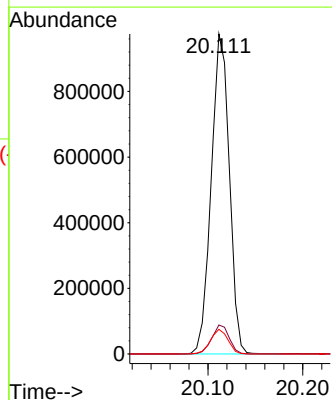
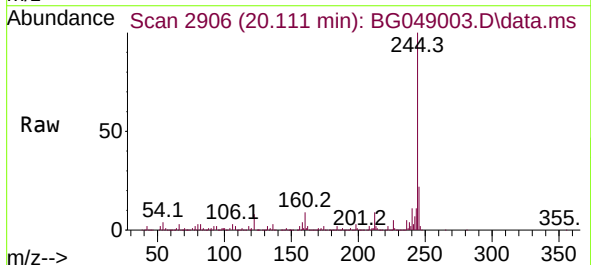
Instrument :
BNA_G
ClientSampled :
17-B6(36-40)

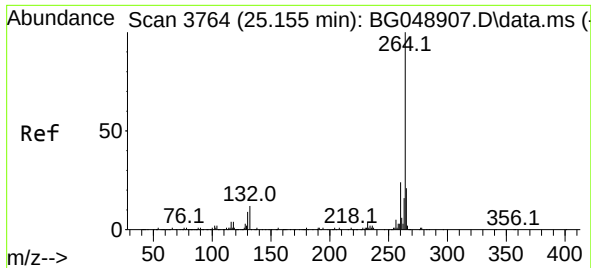
Tgt Ion:184 Resp: 26012
Ion Ratio Lower Upper
184 100
185 14.1 10.7 16.1
183 8.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 92.26 ng
RT: 20.111 min Scan# 2906
Delta R.T. 0.000 min
Lab File: BG049003.D
Acq: 16 Jun 2021 18:37

Tgt Ion:244 Resp: 1292196
Ion Ratio Lower Upper
244 100
212 9.0 6.9 10.3
122 7.7 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.123 min Scan# 3759
 Delta R.T. -0.006 min
 Lab File: BG049003.D
 Acq: 16 Jun 2021 18:37

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(36-40)

Tgt Ion:264 Resp: 256273
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.4 29.2
 265 20.1 16.9 25.3

