

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061821\
 Data File : BG049017.D
 Acq On : 18 Jun 2021 12:58
 Operator : CG/JU
 Sample : PB137192TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137192TB

Quant Time: Jun 18 13:46:03 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)

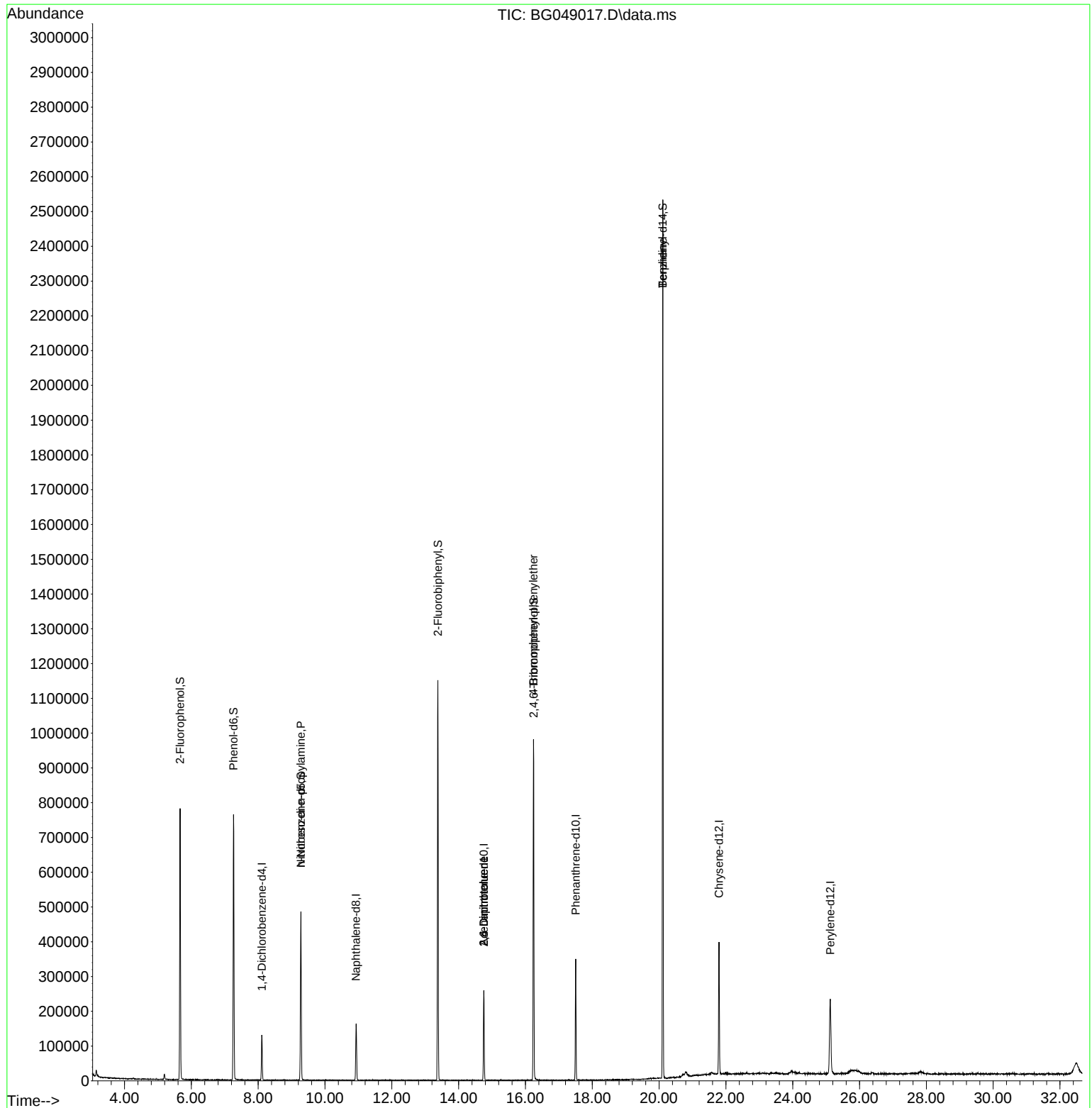
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	33362	20.000	ng	# 0.00
21) Naphthalene-d8	10.928	136	133639	20.000	ng	#-0.01
39) Acenaphthene-d10	14.753	164	93243	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	217745	20.000	ng	# 0.00
76) Chrysene-d12	21.792	240	245596	20.000	ng	0.00
86) Perylene-d12	25.123	264	246459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	304241	141.959	ng	0.00
7) Phenol-d6	7.262	99	386036	120.179	ng	0.00
23) Nitrobenzene-d5	9.277	82	273740	88.325	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	189020	136.827	ng	0.00
45) 2-Fluorobiphenyl	13.378	172	585223	88.663	ng	0.00
79) Terphenyl-d14	20.112	244	1147301	85.554	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.277	70	41663	16.593	ng	# 70
51) 2,6-Dinitrotoluene	14.753	165	12840	8.681	ng	# 11
57) 2,4-Dinitrotoluene	14.753	165	12840	7.067	ng	# 17
67) 4-Bromophenyl-phenylether	16.240	248	11873	4.367	ng	# 1
77) Benzidine	20.112	184	21762	4.399	ng	97

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

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QLast Update : Wed Jun 16 12:04:50 2021
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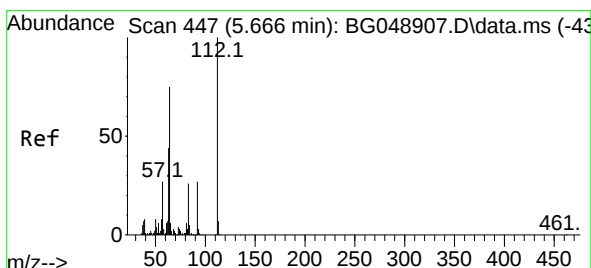
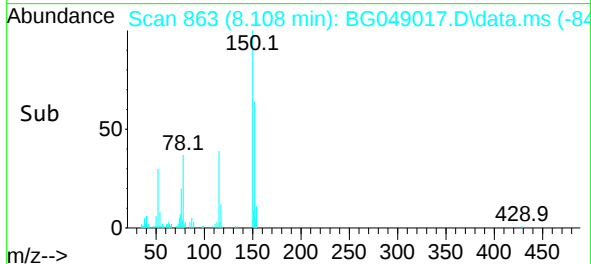
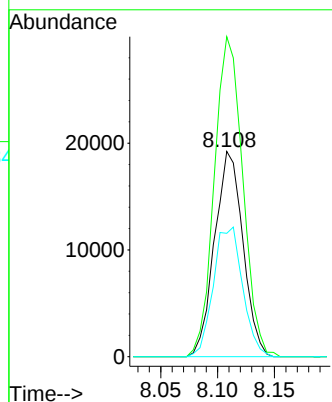
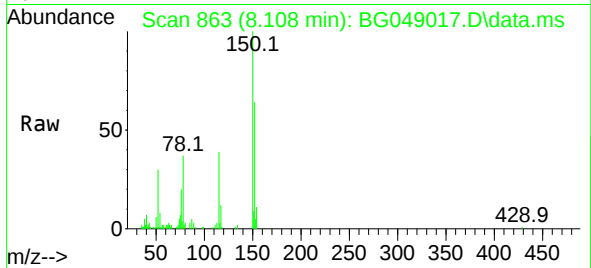




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.108 min Scan# 863
Delta R.T. -0.006 min
Lab File: BG049017.D
Acq: 18 Jun 2021 12:58

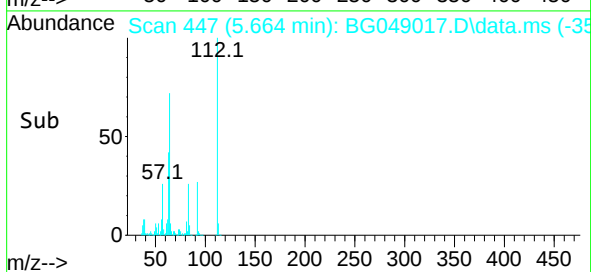
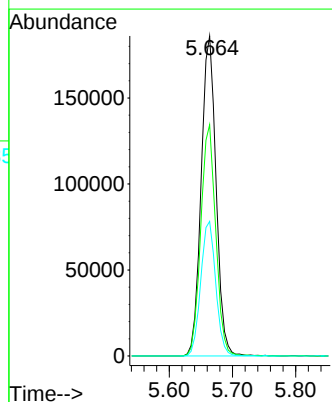
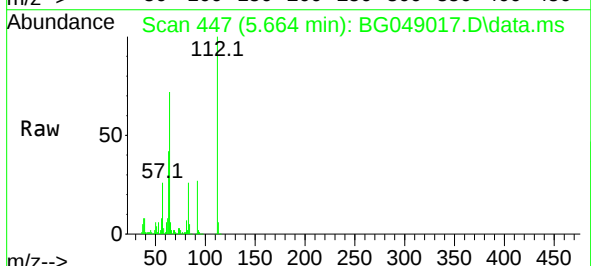
Instrument :
BNA_G
ClientSampleId :
PB137192TB

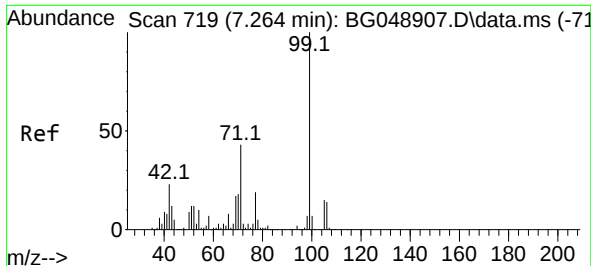
Tgt Ion:152 Resp: 33362
Ion Ratio Lower Upper
152 100
150 155.9 119.4 179.0
115 60.1 60.2 90.4#



#5
2-Fluorophenol
Concen: 141.959 ng
RT: 5.664 min Scan# 447
Delta R.T. 0.000 min
Lab File: BG049017.D
Acq: 18 Jun 2021 12:58

Tgt Ion:112 Resp: 304241
Ion Ratio Lower Upper
112 100
64 72.3 46.7 70.1#
63 42.1 35.3 52.9

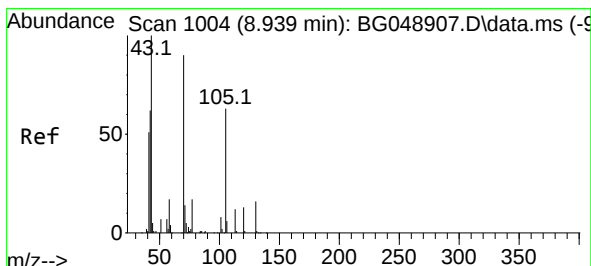
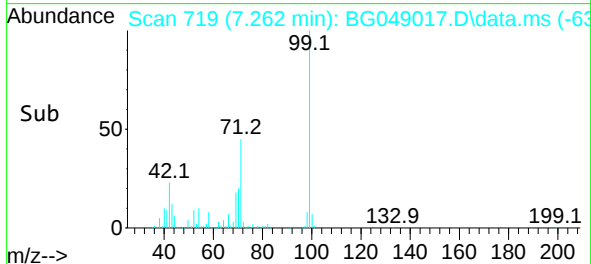
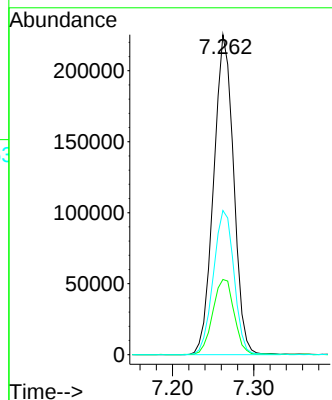
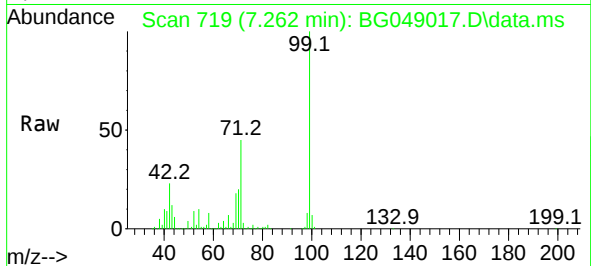




#7
Phenol-d6
Concen: 120.179 ng
RT: 7.262 min Scan# 719
Delta R.T. -0.006 min
Lab File: BG049017.D
Acq: 18 Jun 2021 12:58

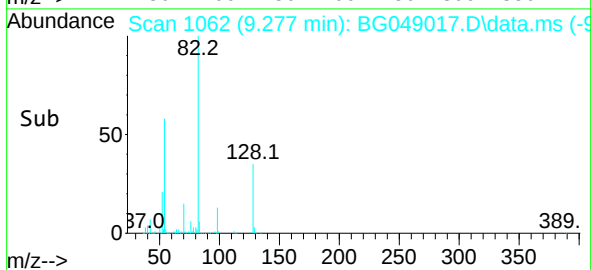
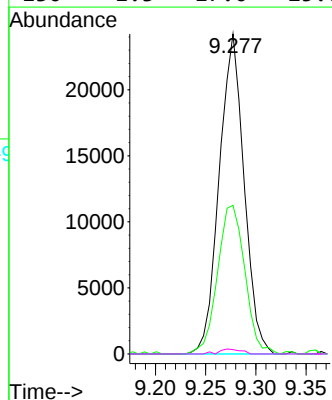
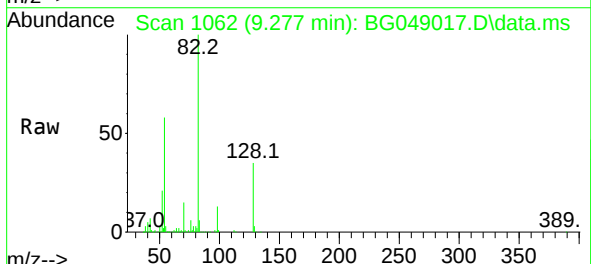
Instrument :
BNA_G
ClientSampleId :
PB137192TB

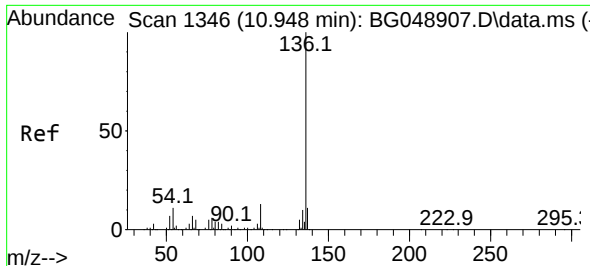
Tgt Ion: 99 Resp: 386036
Ion Ratio Lower Upper
99 100
42 23.5 20.5 30.7
71 45.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.593 ng
RT: 9.277 min Scan# 1062
Delta R.T. 0.353 min
Lab File: BG049017.D
Acq: 18 Jun 2021 12:58

Tgt Ion: 70 Resp: 41663
Ion Ratio Lower Upper
70 100
42 46.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.3 17.0 25.6#

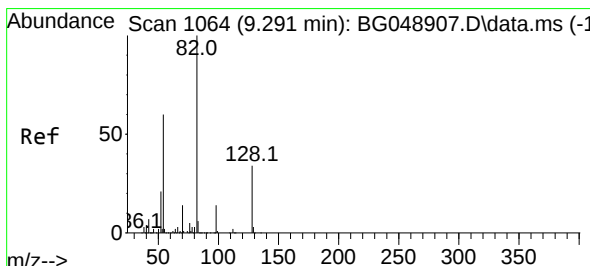
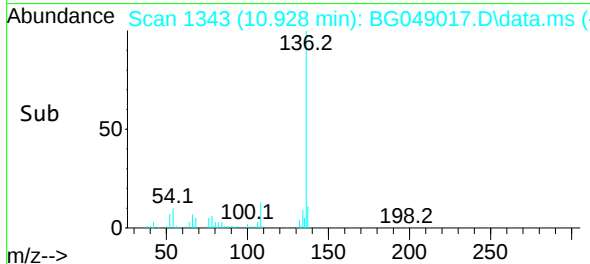
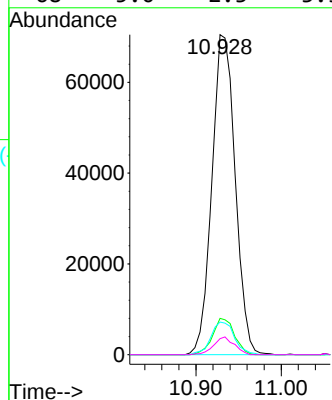
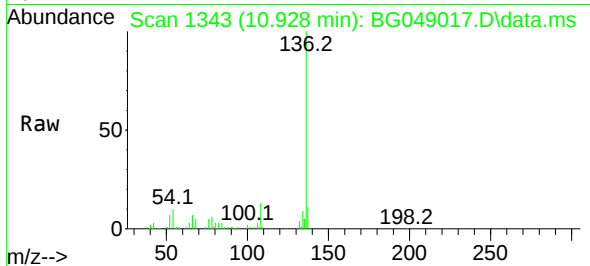




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 1343
Delta R.T. -0.011 min
Lab File: BG049017.D
Acq: 18 Jun 2021 12:58

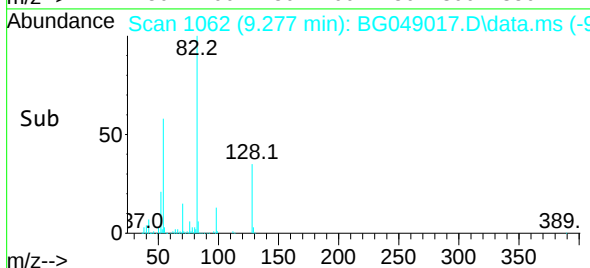
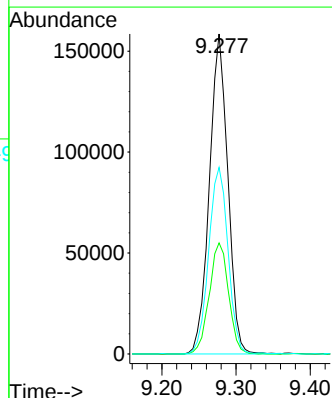
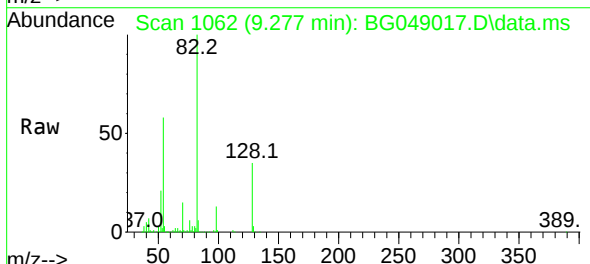
Instrument :
BNA_G
ClientSampleId :
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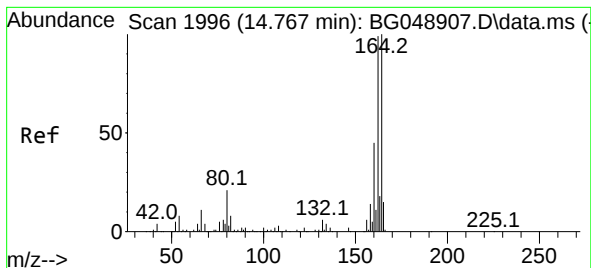
Tgt Ion:	136	Resp:	133639
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.2	12.2
54	10.2	5.5	8.3#
68	5.0	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 88.325 ng
RT: 9.277 min Scan# 1062
Delta R.T. -0.006 min
Lab File: BG049017.D
Acq: 18 Jun 2021 12:58

Tgt Ion:	82	Resp:	273740
Ion Ratio	Lower	Upper	
82	100		
128	34.7	29.8	44.6
54	58.3	45.8	68.8

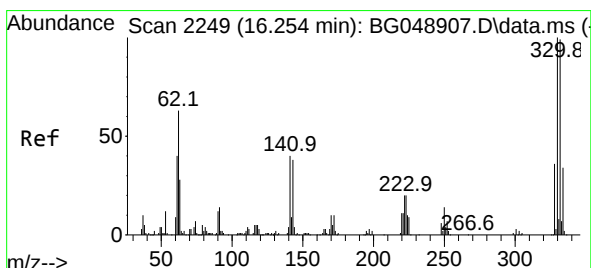
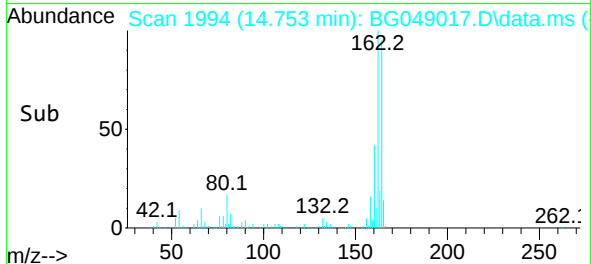
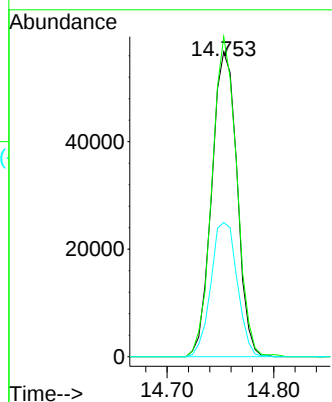
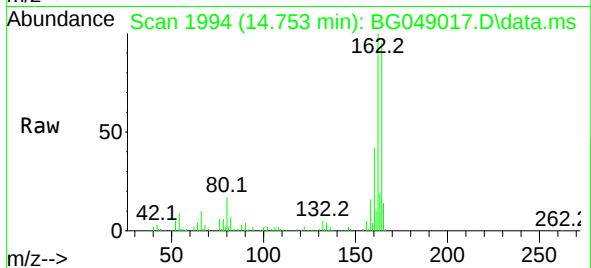




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.753 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BG049017.D
Acq: 18 Jun 2021 12:58

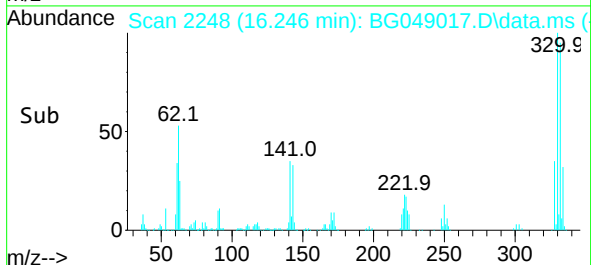
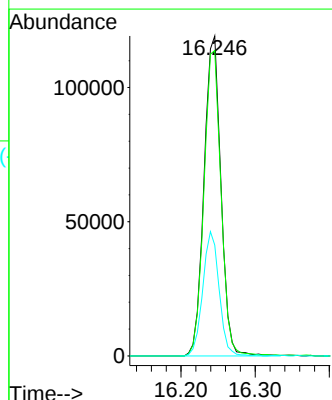
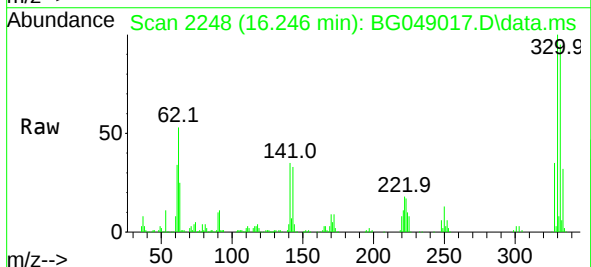
Instrument :
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ClientSampleId :
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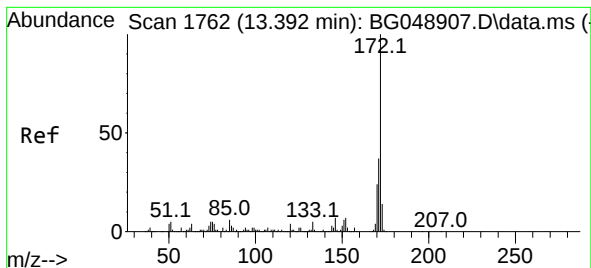
Tgt Ion:164	Resp:	93243
Ion Ratio	Lower	Upper
164	100	
162	105.0	81.4 122.0
160	44.0	34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 136.827 ng
RT: 16.246 min Scan# 2248
Delta R.T. 0.000 min
Lab File: BG049017.D
Acq: 18 Jun 2021 12:58

Tgt Ion:330	Resp:	189020
Ion Ratio	Lower	Upper
330	100	
332	96.6	77.3 115.9
141	37.7	35.6 53.4

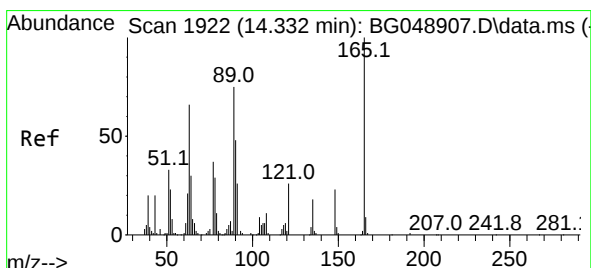
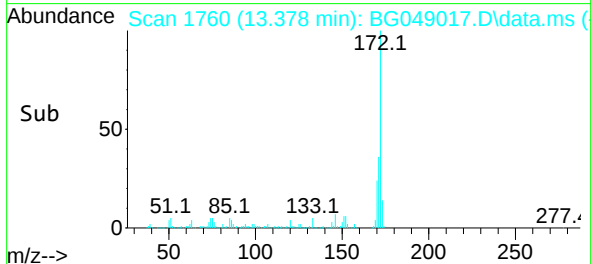
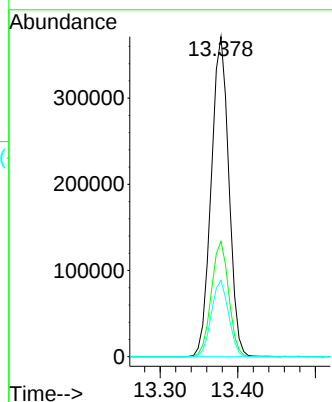
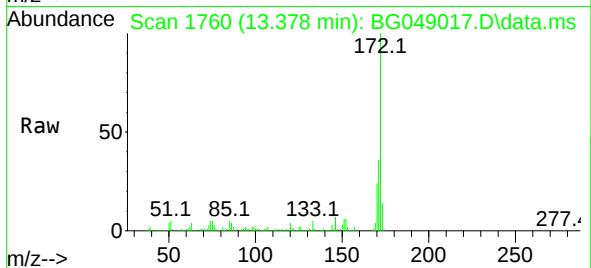




#45
2-Fluorobiphenyl
Concen: 88.663 ng
RT: 13.378 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BG049017.D
Acq: 18 Jun 2021 12:58

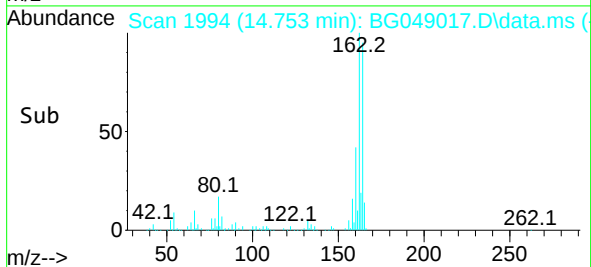
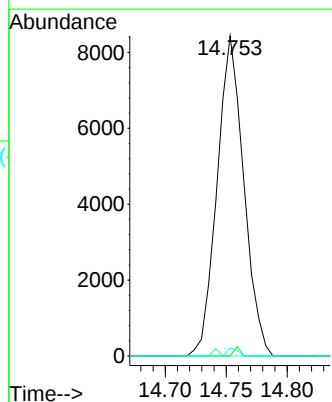
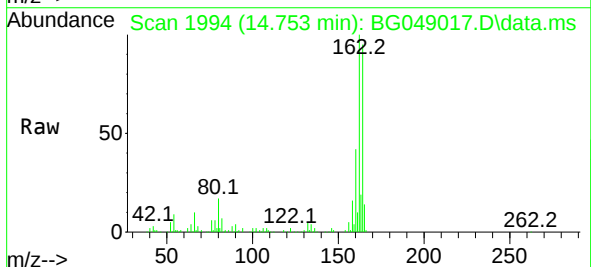
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ClientSampleId :
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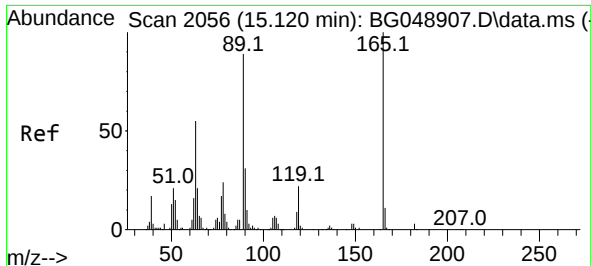
Tgt Ion:172 Resp: 585223
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.681 ng
RT: 14.753 min Scan# 1994
Delta R.T. 0.429 min
Lab File: BG049017.D
Acq: 18 Jun 2021 12:58

Tgt Ion:165 Resp: 12840
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.4 63.4 95.0#

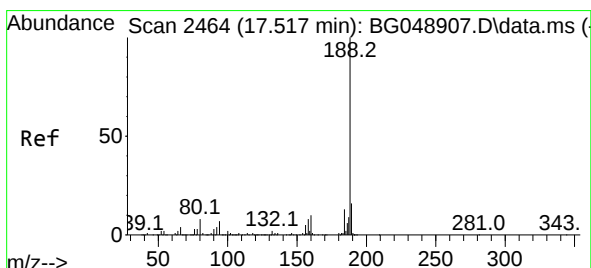
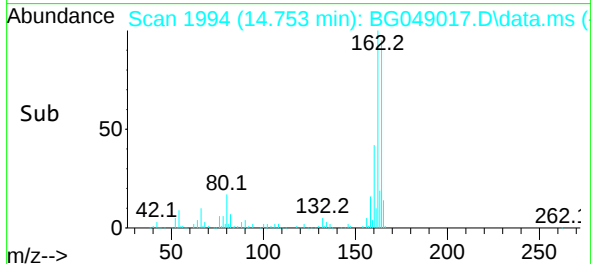
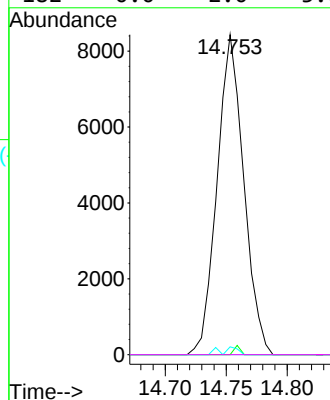
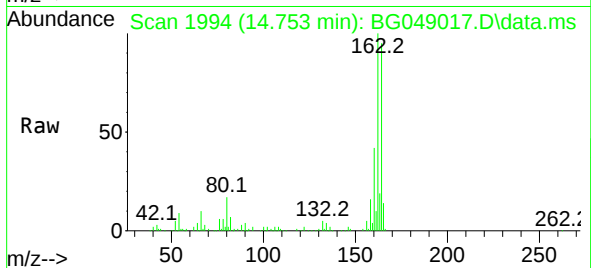




#57
2,4-Dinitrotoluene
Concen: 7.067 ng
RT: 14.753 min Scan# 1994
Delta R.T. -0.358 min
Lab File: BG049017.D
Acq: 18 Jun 2021 12:58

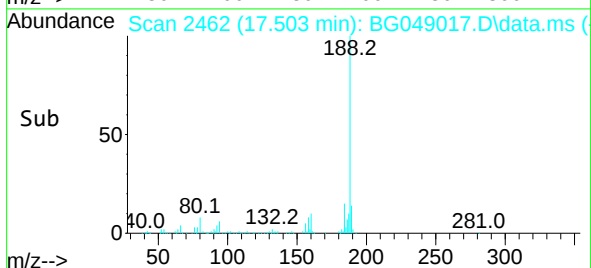
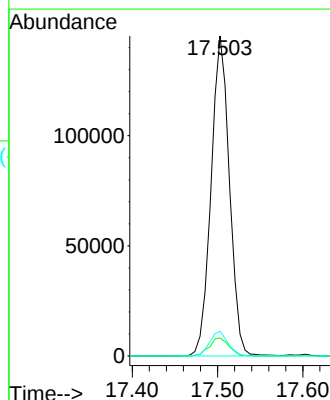
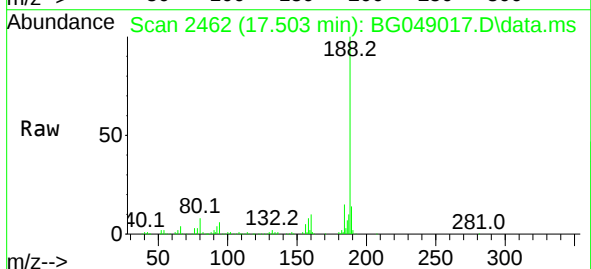
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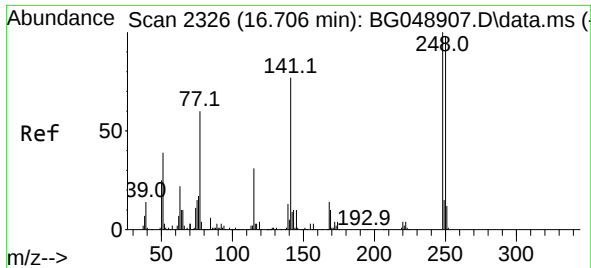
Tgt Ion:165 Resp: 12840
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.4 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 2462
Delta R.T. -0.006 min
Lab File: BG049017.D
Acq: 18 Jun 2021 12:58

Tgt Ion:188 Resp: 217745
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 7.7 3.7 5.5#

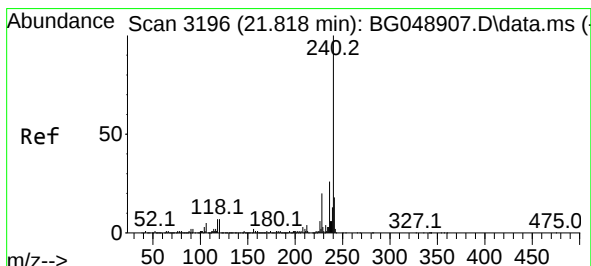
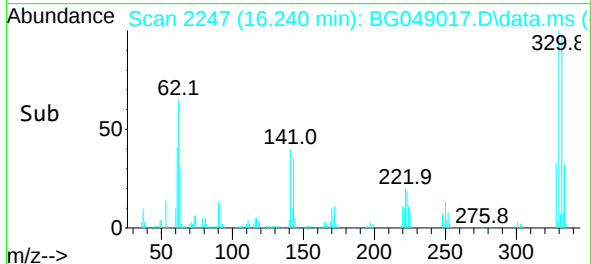
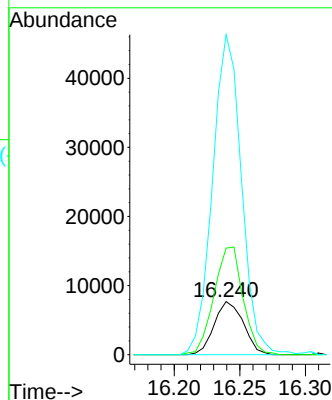
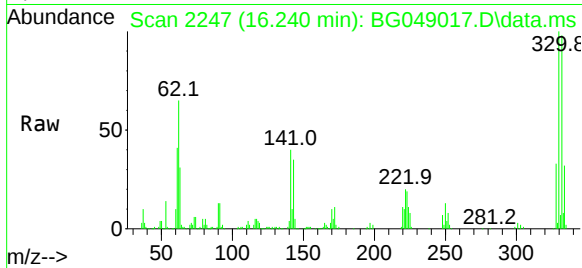




#67
4-Bromophenyl-phenylether
Concen: 4.367 ng
RT: 16.240 min Scan# 2247
Delta R.T. -0.452 min
Lab File: BG049017.D
Acq: 18 Jun 2021 12:58

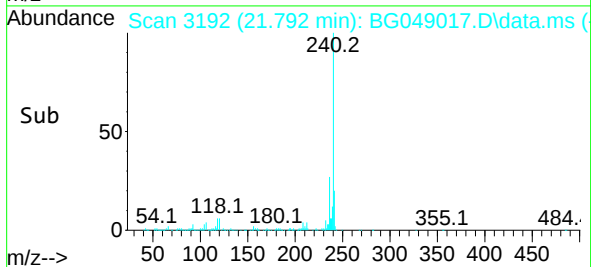
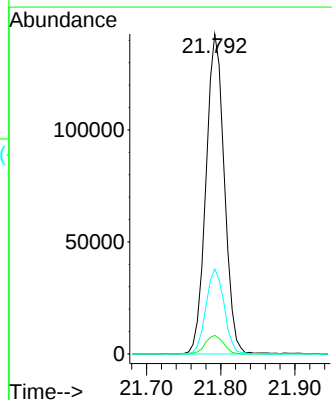
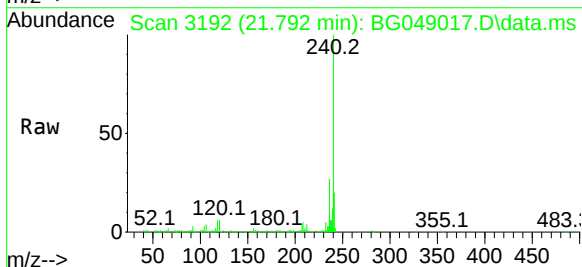
Instrument :
BNA_G
ClientSampled :
PB137192TB

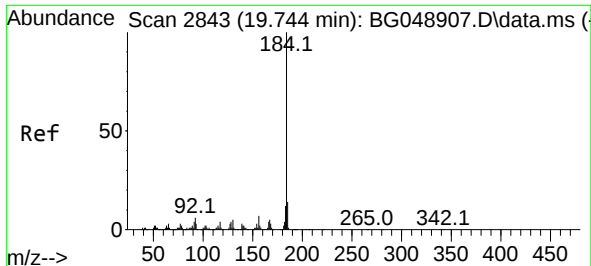
Tgt Ion:248 Resp: 11873
Ion Ratio Lower Upper
248 100
250 200.8 76.1 114.1#
141 602.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.792 min Scan# 3192
Delta R.T. -0.006 min
Lab File: BG049017.D
Acq: 18 Jun 2021 12:58

Tgt Ion:240 Resp: 245596
Ion Ratio Lower Upper
240 100
120 5.8 4.2 6.2
236 26.6 21.8 32.6

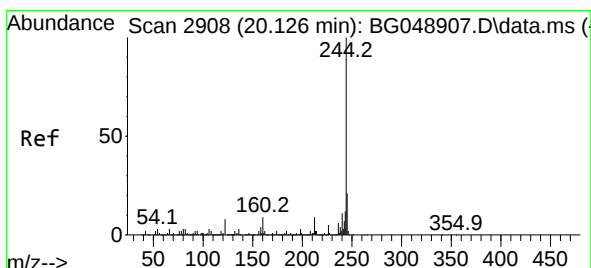
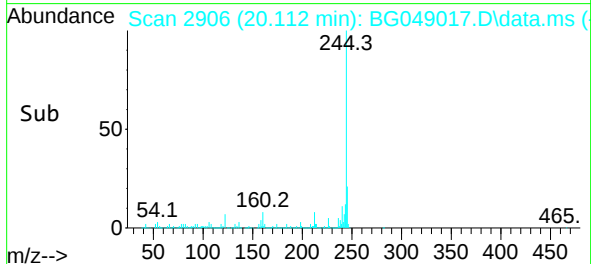
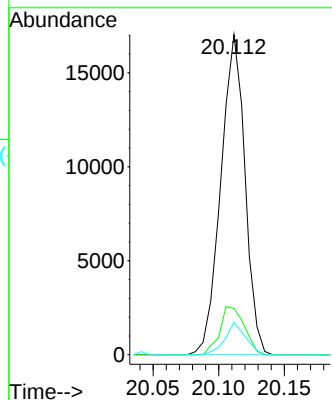
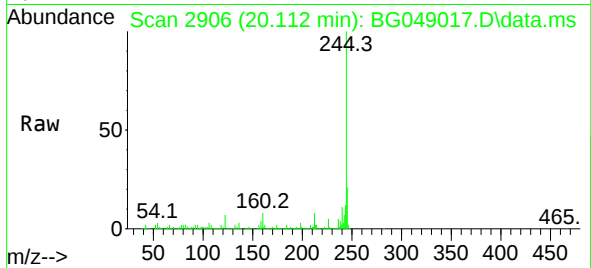




#77
Benzidine
Concen: 4.399 ng
RT: 20.112 min Scan# 2906
Delta R.T. 0.382 min
Lab File: BG049017.D
Acq: 18 Jun 2021 12:58

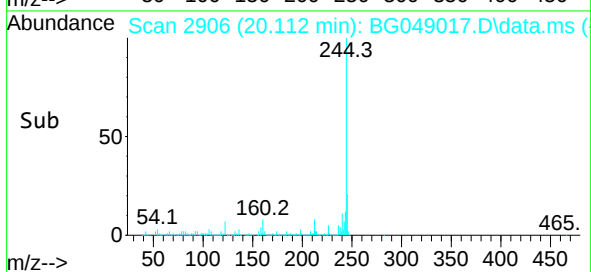
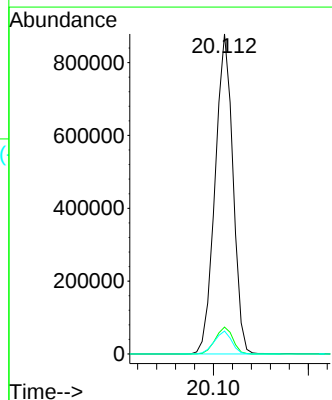
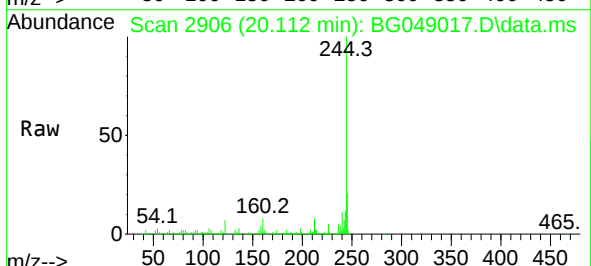
Instrument :
BNA_G
ClientSampleId :
PB137192TB

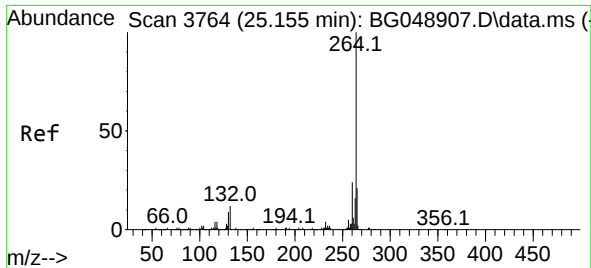
Tgt Ion:184 Resp: 21762
Ion Ratio Lower Upper
184 100
185 14.4 10.7 16.1
183 10.0 9.4 14.0



#79
Terphenyl-d14
Concen: 85.554 ng
RT: 20.112 min Scan# 2906
Delta R.T. 0.000 min
Lab File: BG049017.D
Acq: 18 Jun 2021 12:58

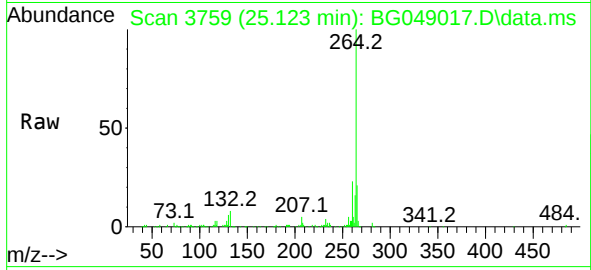
Tgt Ion:244 Resp: 1147301
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 7.2 5.0 7.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.123 min Scan# 3759
Delta R.T. -0.006 min
Lab File: BG049017.D
Acq: 18 Jun 2021 12:58

Instrument :
BNA_G
ClientSampleId :
PB137192TB



Tgt Ion:	264	Resp:	246459
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.4	29.2
265	21.2	16.9	25.3

