

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048917.D
 Acq On : 12 Jun 2021 18:02
 Operator : CG/JU
 Sample : M2625-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(138-142)

Quant Time: Jun 14 03:16:18 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)

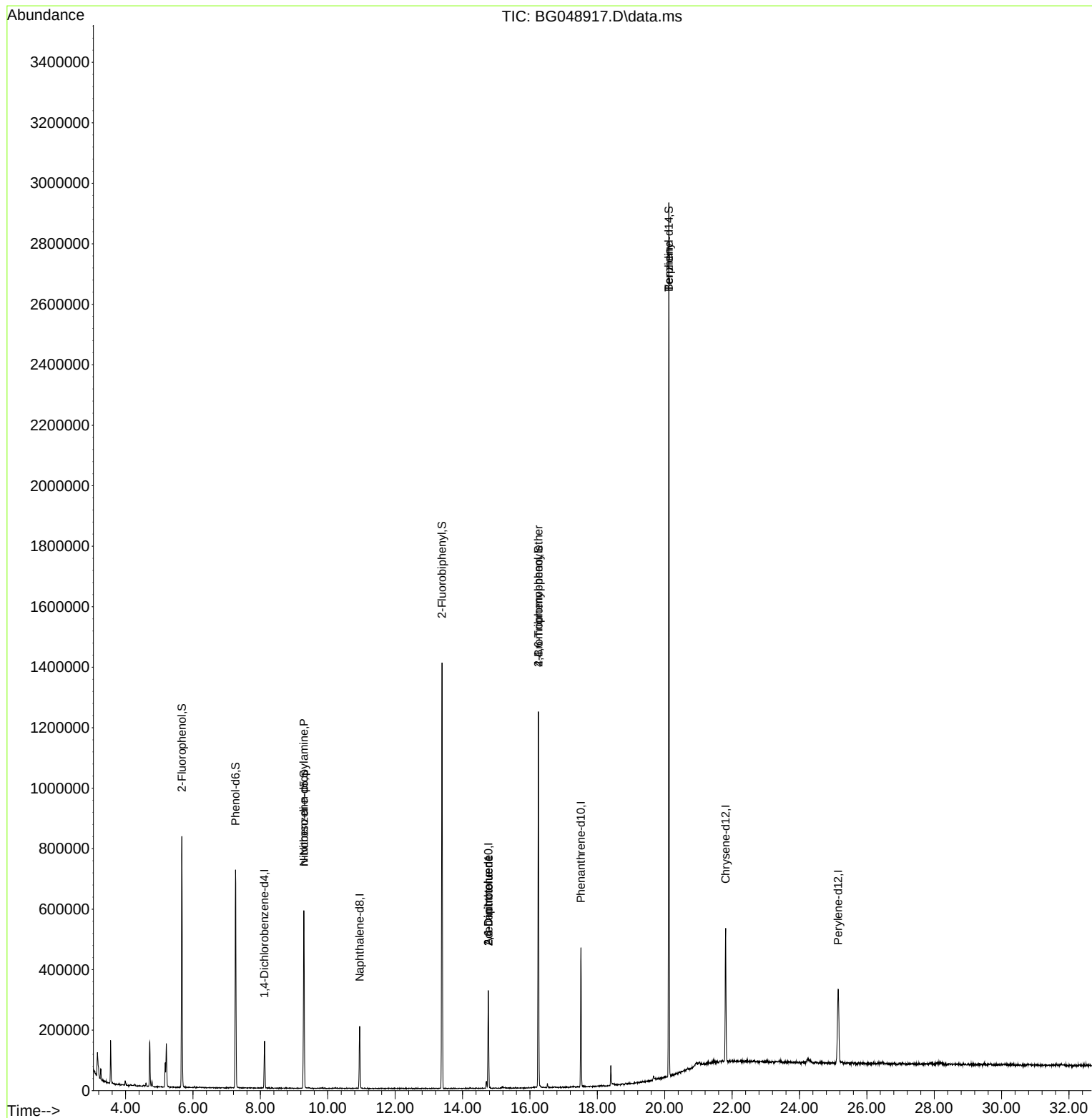
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	40423	20.00	ng	0.00
21) Naphthalene-d8	10.946	136	160068	20.00	ng	# 0.00
39) Acenaphthene-d10	14.766	164	116239	20.00	ng	0.00
64) Phenanthrene-d10	17.515	188	279509	20.00	ng	# 0.00
76) Chrysene-d12	21.810	240	283687	20.00	ng	# 0.00
86) Perylene-d12	25.147	264	281300	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	311651	120.02	ng	0.00
7) Phenol-d6	7.263	99	365981	94.03	ng	0.00
23) Nitrobenzene-d5	9.290	82	347978	93.74	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	229221	133.10	ng	0.00
45) 2-Fluorobiphenyl	13.391	172	702005	85.32	ng	0.00
79) Terphenyl-d14	20.124	244	1293973	83.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.290	70	51157	16.82	ng	# 76
51) 2,6-Dinitrotoluene	14.766	165	15218	8.25	ng	# 10
57) 2,4-Dinitrotoluene	14.766	165	15218	6.72	ng	# 15
67) 4-Bromophenyl-phenylether	16.252	248	15208	4.36	ng	# 1
77) Benzidine	20.124	184	26329	4.61	ng	# 94

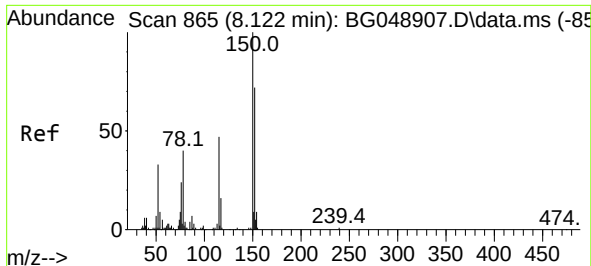
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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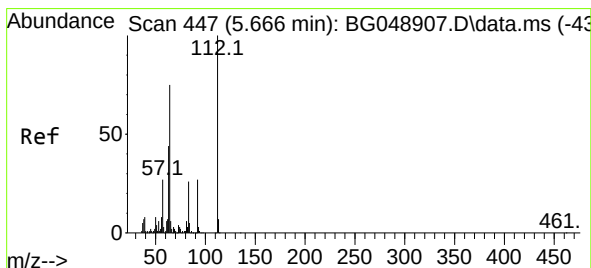
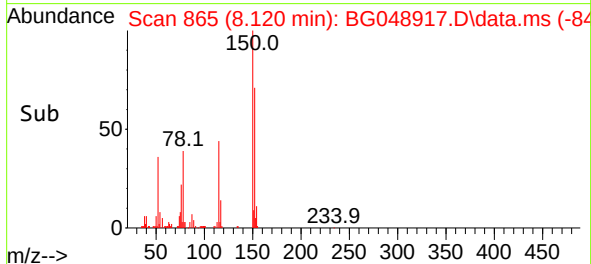
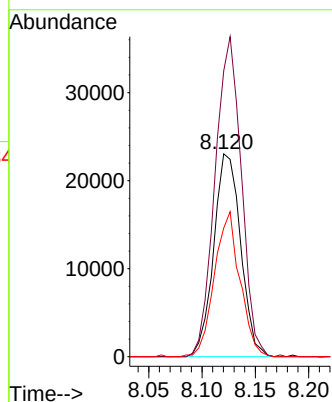
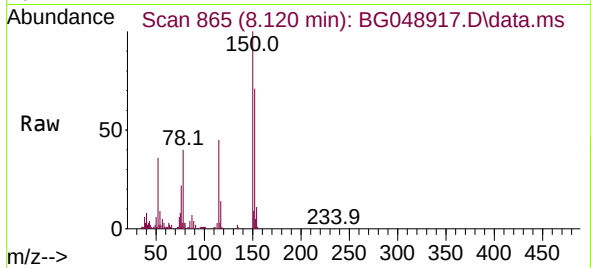




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.120 min Scan# 865
Delta R.T. -0.002 min
Lab File: BG048917.D
Acq: 12 Jun 2021 18:02

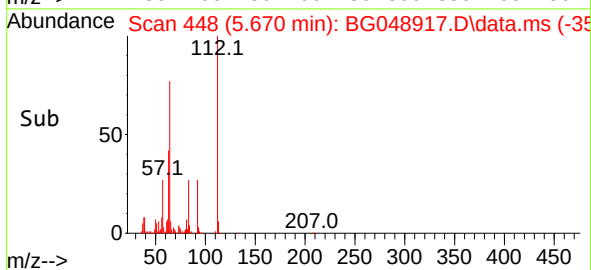
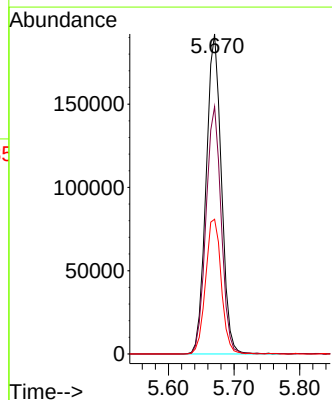
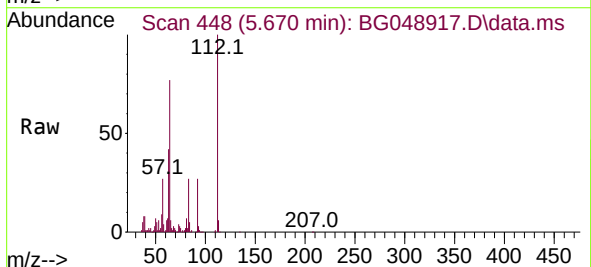
Instrument :
BNA_G
ClientSampleId :
18-B12(138-142)

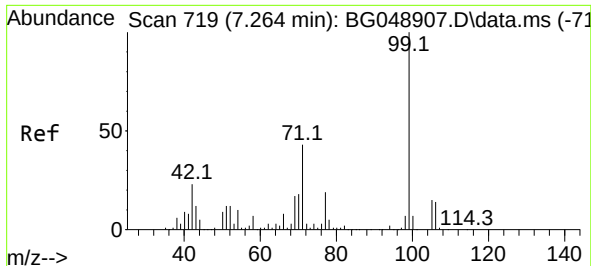
Tgt Ion:152 Resp: 40423
Ion Ratio Lower Upper
152 100
150 140.8 119.4 179.0
115 63.4 60.2 90.4



#5
2-Fluorophenol
Concen: 120.02 ng
RT: 5.670 min Scan# 448
Delta R.T. 0.004 min
Lab File: BG048917.D
Acq: 12 Jun 2021 18:02

Tgt Ion:112 Resp: 311651
Ion Ratio Lower Upper
112 100
64 77.3 46.7 70.1#
63 42.1 35.3 52.9

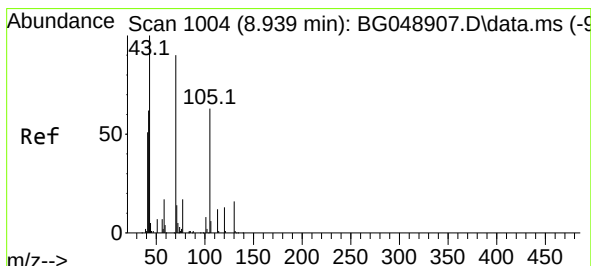
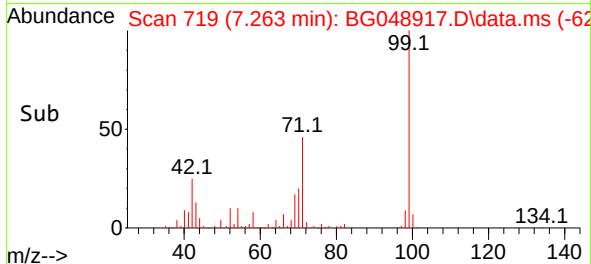
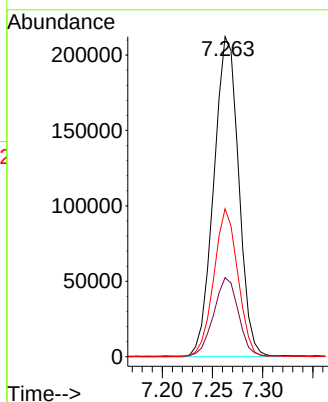
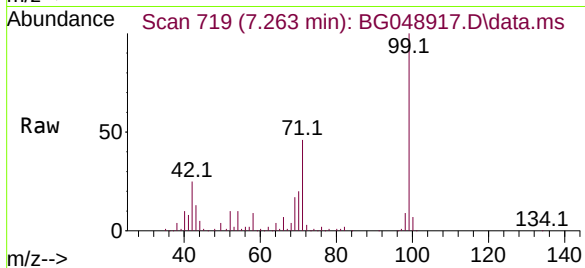




#7
Phenol-d6
Concen: 94.03 ng
RT: 7.263 min Scan# 719
Delta R.T. -0.001 min
Lab File: BG048917.D
Acq: 12 Jun 2021 18:02

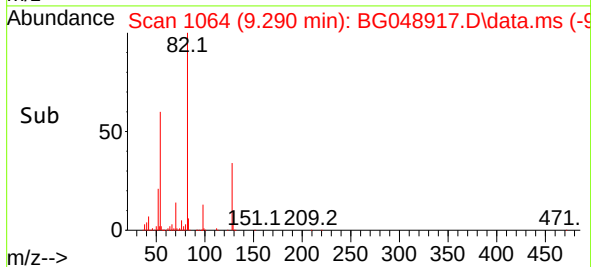
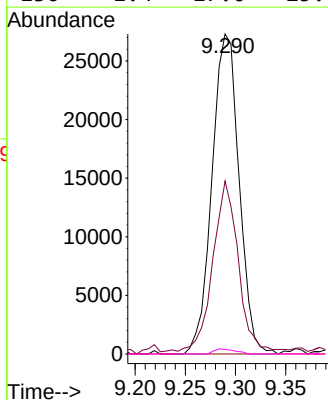
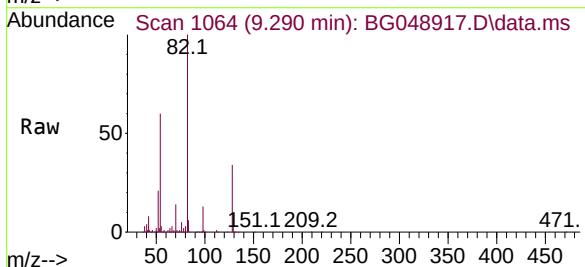
Instrument :
BNA_G
ClientSampleId :
18-B12(138-142)

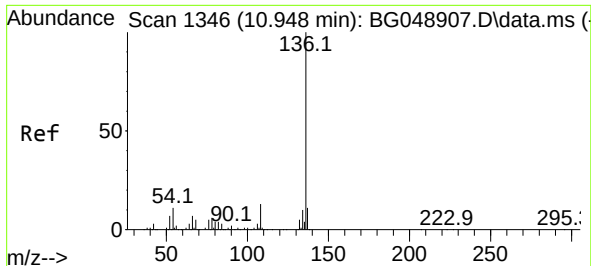
Tgt Ion: 99 Resp: 365981
Ion Ratio Lower Upper
99 100
42 24.7 20.5 30.7
71 46.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.82 ng
RT: 9.290 min Scan# 1064
Delta R.T. 0.351 min
Lab File: BG048917.D
Acq: 12 Jun 2021 18:02

Tgt Ion: 70 Resp: 51157
Ion Ratio Lower Upper
70 100
42 54.1 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

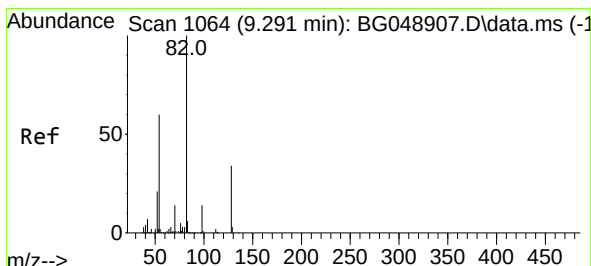
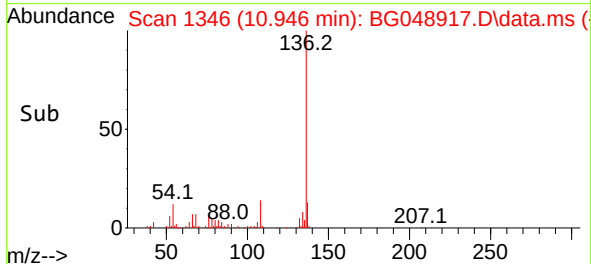
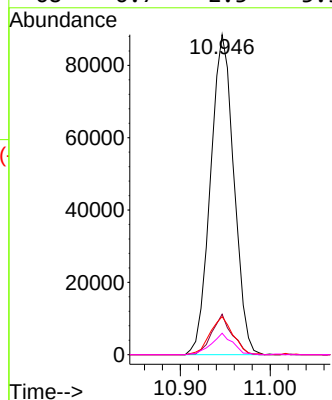
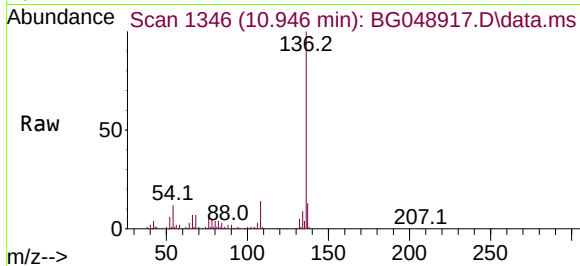




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.946 min Scan# 1346
Delta R.T. -0.002 min
Lab File: BG048917.D
Acq: 12 Jun 2021 18:02

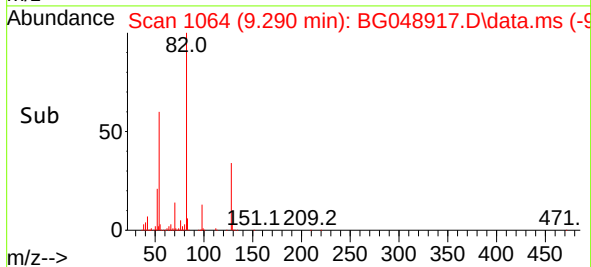
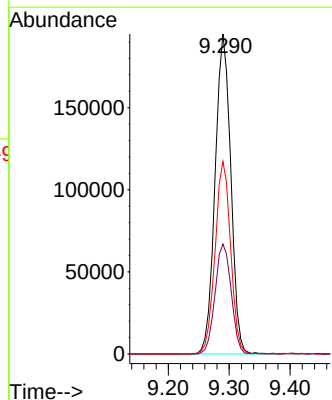
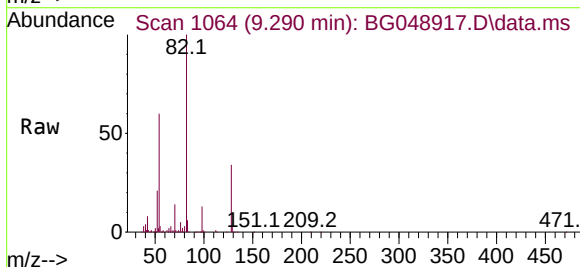
Instrument :
BNA_G
ClientSampleId :
18-B12(138-142)

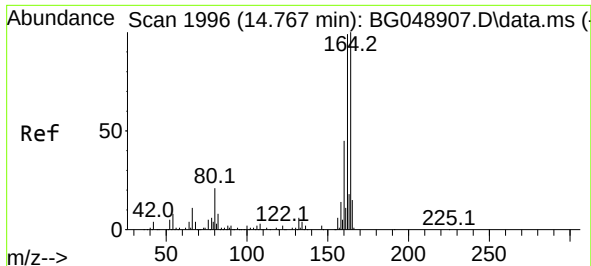
Tgt Ion:	136	Resp:	160068
Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.2	12.2#
54	11.9	5.5	8.3#
68	6.7	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 93.74 ng
RT: 9.290 min Scan# 1064
Delta R.T. -0.001 min
Lab File: BG048917.D
Acq: 12 Jun 2021 18:02

Tgt Ion:	82	Resp:	347978
Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.8	44.6
54	60.1	45.8	68.8

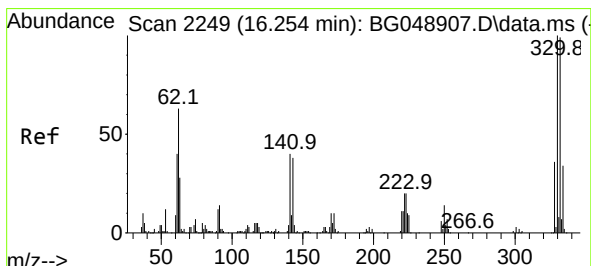
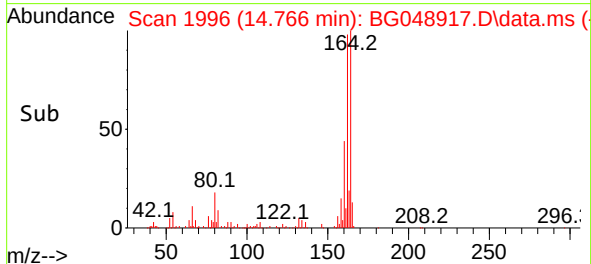
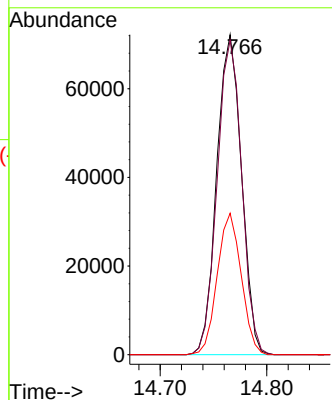
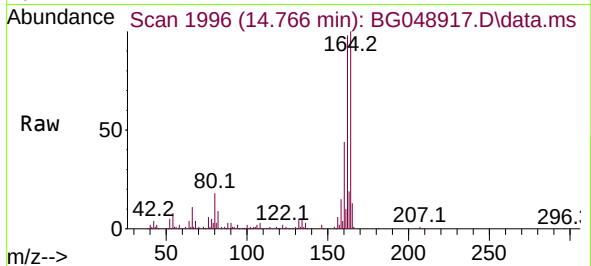




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.766 min Scan# 1996
Delta R.T. -0.001 min
Lab File: BG048917.D
Acq: 12 Jun 2021 18:02

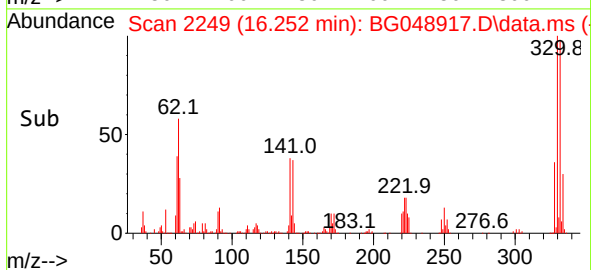
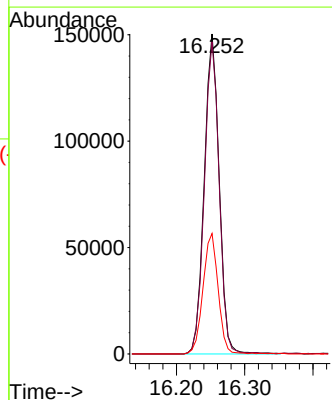
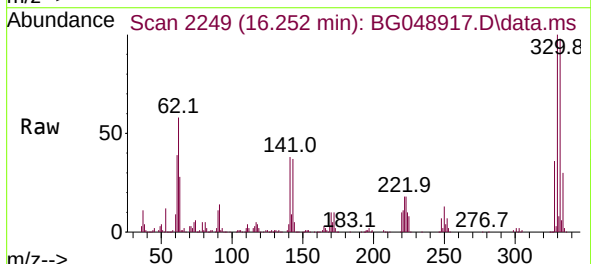
Instrument :
BNA_G
ClientSampleId :
18-B12(138-142)

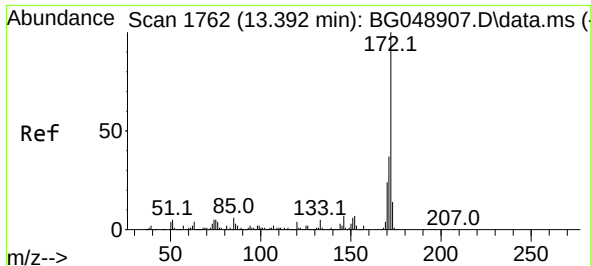
Tgt Ion:164 Resp: 116239
Ion Ratio Lower Upper
164 100
162 98.2 81.4 122.0
160 44.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 133.10 ng
RT: 16.252 min Scan# 2249
Delta R.T. -0.002 min
Lab File: BG048917.D
Acq: 12 Jun 2021 18:02

Tgt Ion:330 Resp: 229221
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 38.0 35.6 53.4

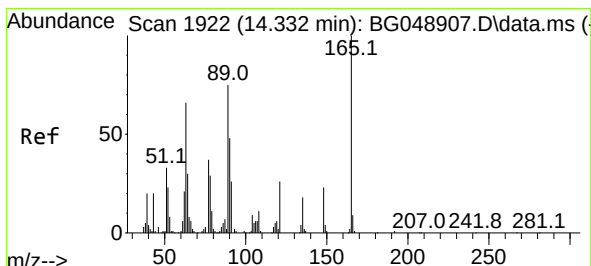
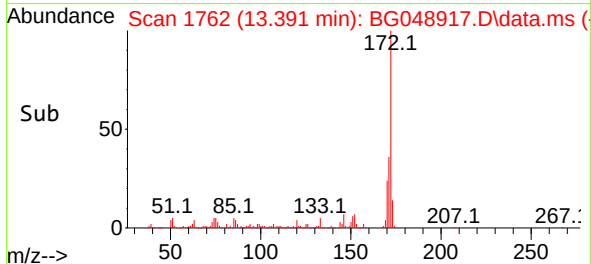
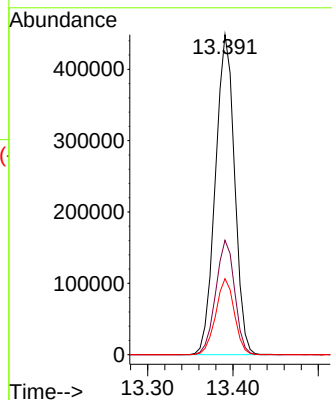
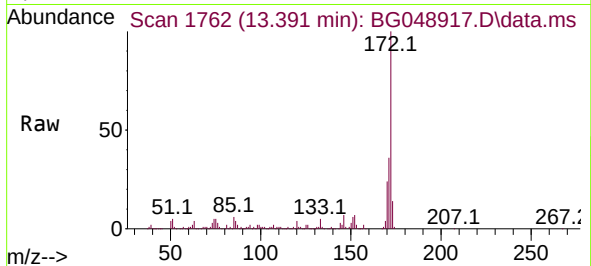




#45
2-Fluorobiphenyl
Concen: 85.32 ng
RT: 13.391 min Scan# 1762
Delta R.T. -0.001 min
Lab File: BG048917.D
Acq: 12 Jun 2021 18:02

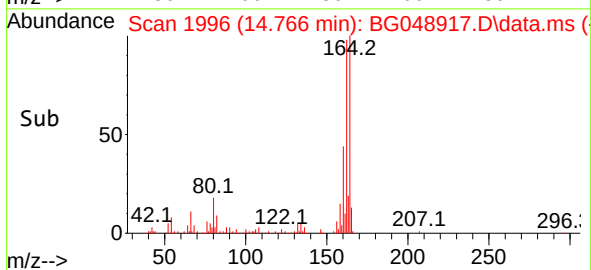
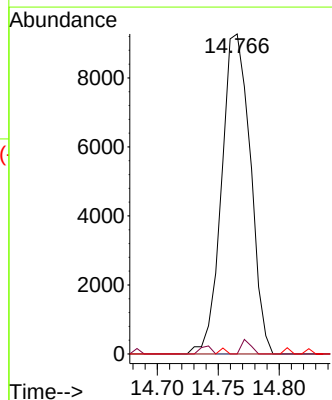
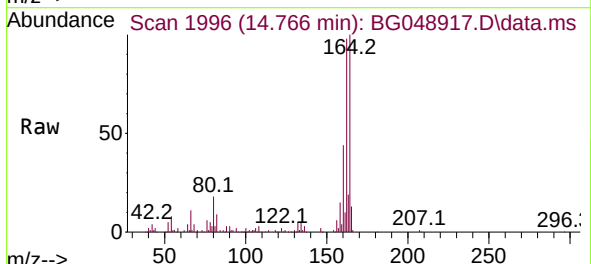
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18-B12(138-142)

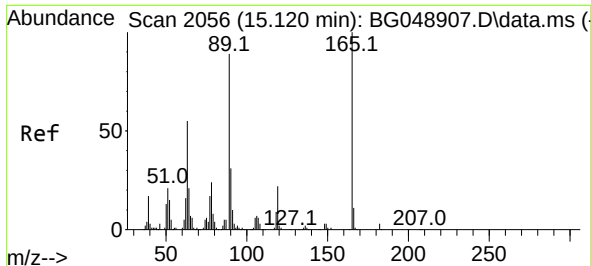
Tgt Ion:	172	Resp:	702005
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.6	43.0
170	23.7	18.6	27.8



#51
2,6-Dinitrotoluene
Concen: 8.25 ng
RT: 14.766 min Scan# 1996
Delta R.T. 0.433 min
Lab File: BG048917.D
Acq: 12 Jun 2021 18:02

Tgt Ion:	165	Resp:	15218
Ion Ratio	Lower	Upper	
165	100		
63	0.0	63.3	94.9#
89	0.0	63.4	95.0#

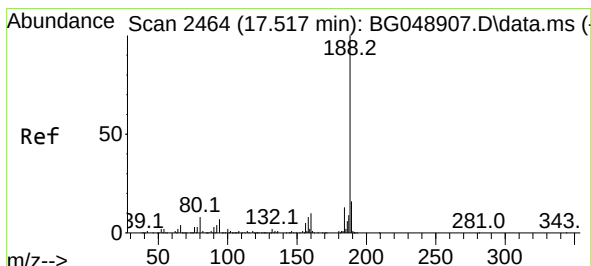
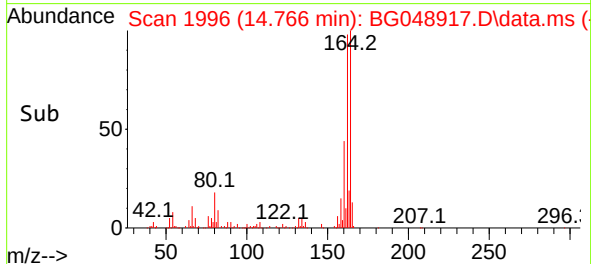
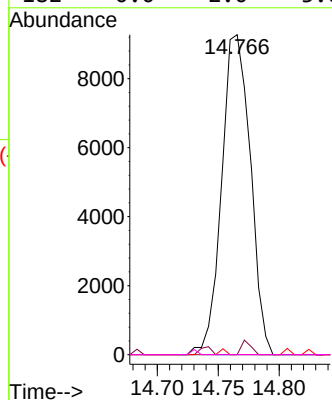
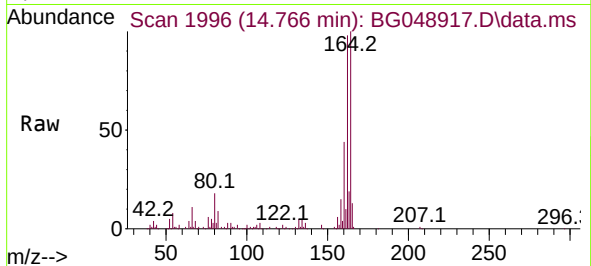




#57
2,4-Dinitrotoluene
Concen: 6.72 ng
RT: 14.766 min Scan# 1996
Delta R.T. -0.354 min
Lab File: BG048917.D
Acq: 12 Jun 2021 18:02

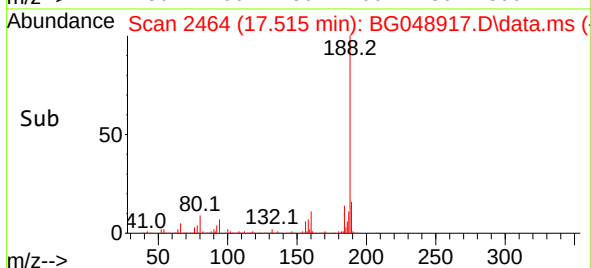
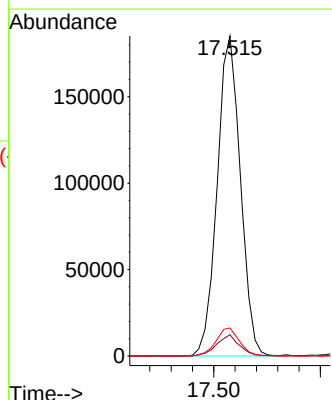
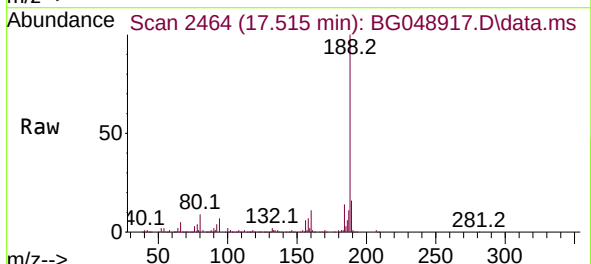
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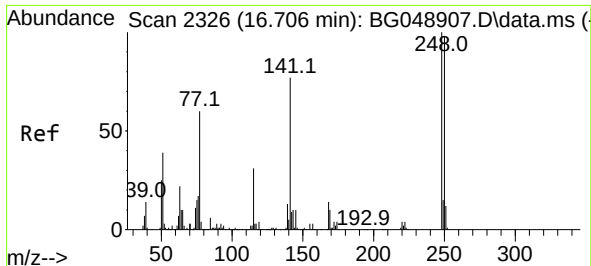
Tgt Ion:165 Resp: 15218
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.515 min Scan# 2464
Delta R.T. -0.002 min
Lab File: BG048917.D
Acq: 12 Jun 2021 18:02

Tgt Ion:188 Resp: 279509
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 8.7 3.7 5.5#

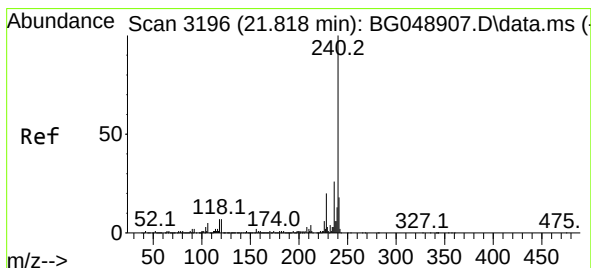
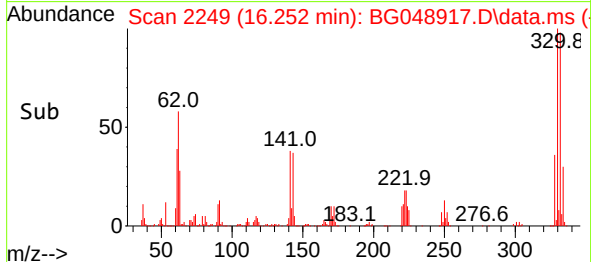
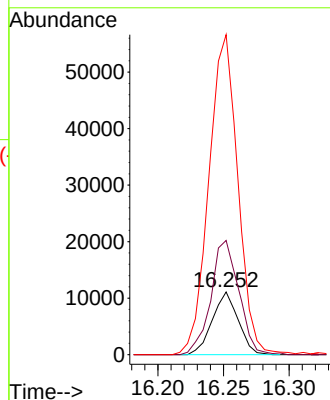
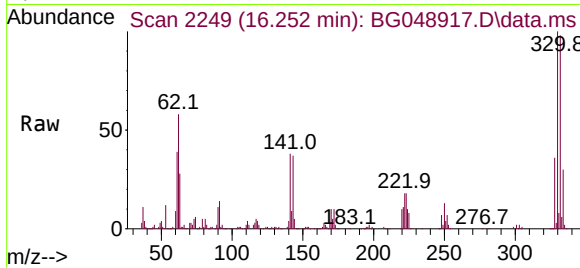




#67
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 16.252 min Scan# 2249
Delta R.T. -0.454 min
Lab File: BG048917.D
Acq: 12 Jun 2021 18:02

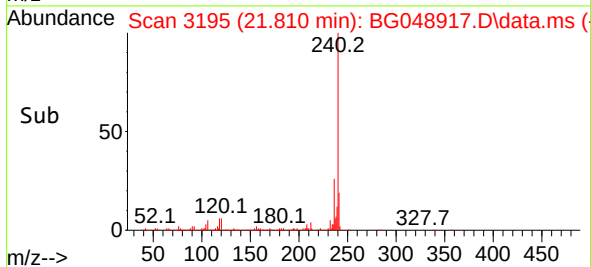
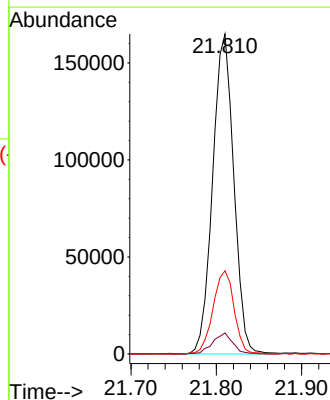
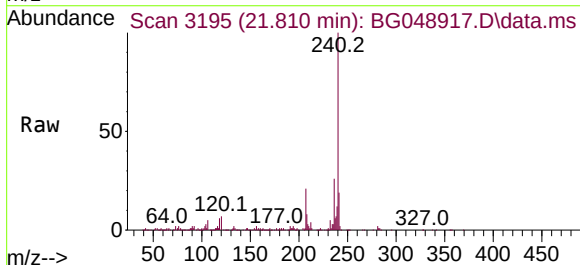
Instrument :
BNA_G
ClientSampleId :
18-B12(138-142)

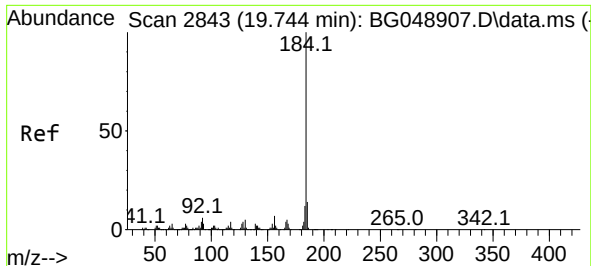
Tgt Ion:248 Resp: 15208
Ion Ratio Lower Upper
248 100
250 182.2 76.1 114.1#
141 510.3 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.810 min Scan# 3195
Delta R.T. -0.008 min
Lab File: BG048917.D
Acq: 12 Jun 2021 18:02

Tgt Ion:240 Resp: 283687
Ion Ratio Lower Upper
240 100
120 6.6 4.2 6.2#
236 26.0 21.8 32.6

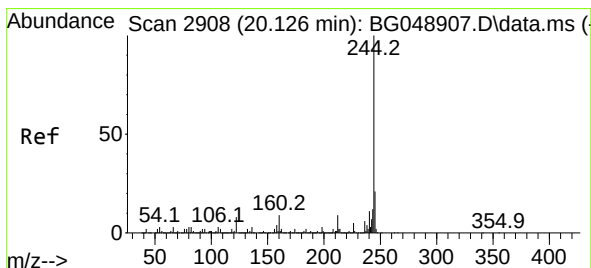
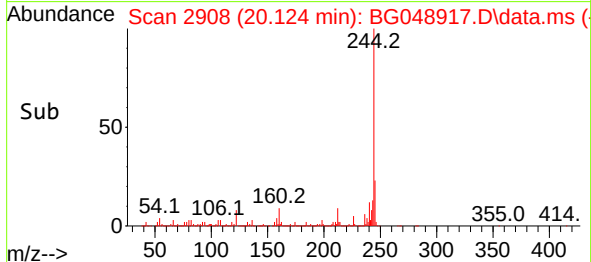
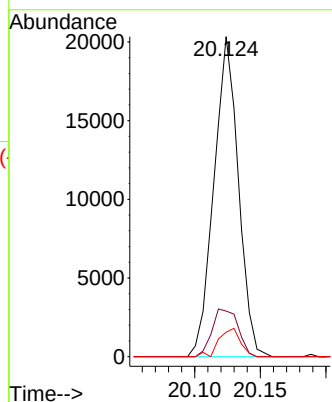
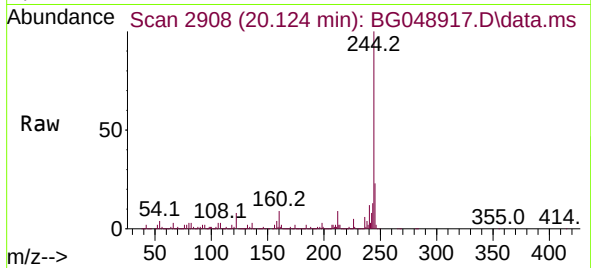




#77
Benzidine
Concen: 4.61 ng
RT: 20.124 min Scan# 2908
Delta R.T. 0.380 min
Lab File: BG048917.D
Acq: 12 Jun 2021 18:02

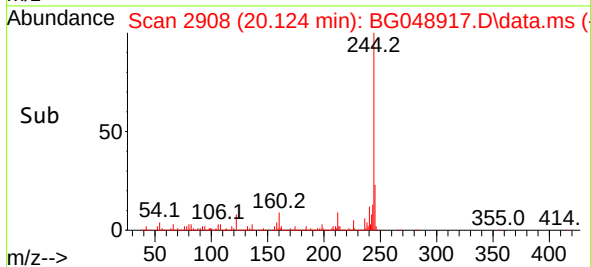
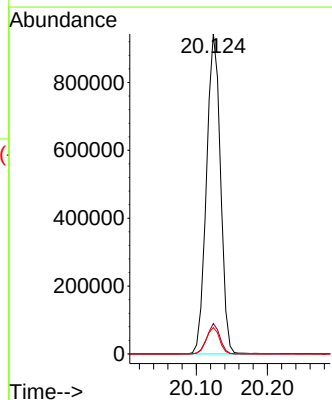
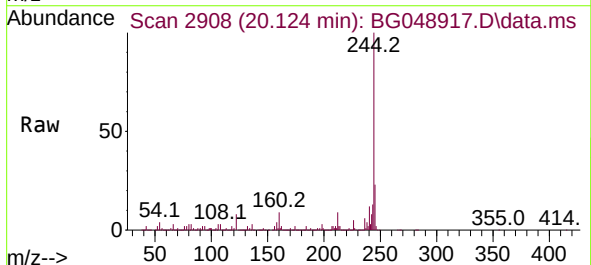
Instrument :
BNA_G
ClientSampleId :
18-B12(138-142)

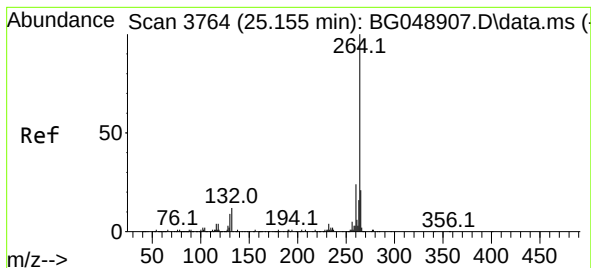
Tgt Ion:184 Resp: 26329
Ion Ratio Lower Upper
184 100
185 14.3 10.7 16.1
183 7.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 83.54 ng
RT: 20.124 min Scan# 2908
Delta R.T. -0.002 min
Lab File: BG048917.D
Acq: 12 Jun 2021 18:02

Tgt Ion:244 Resp: 1293973
Ion Ratio Lower Upper
244 100
212 9.5 6.9 10.3
122 8.3 5.0 7.6#





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.147 min Scan# 3763

Delta R.T. -0.008 min

Lab File: BG048917.D

Acq: 12 Jun 2021 18:02

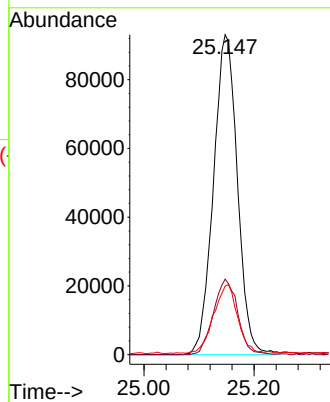
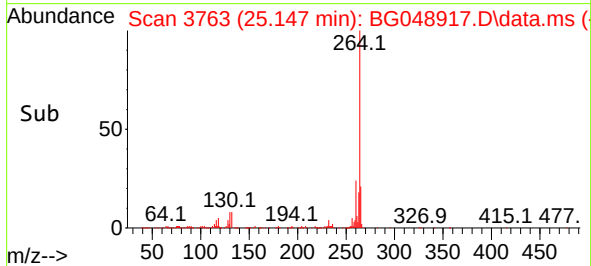
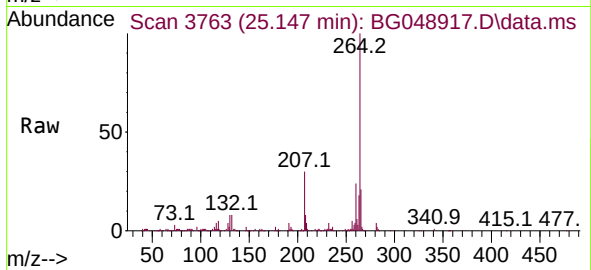
Tgt Ion:264 Resp: 281300

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.4 16.9 25.3



Instrument :

BNA_G

ClientSampleId :

18-B12(138-142)