

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048926.D
 Acq On : 13 Jun 2021 00:12
 Operator : CG/JU
 Sample : M2625-28
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(166-170)

Quant Time: Jun 14 03:18:03 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)

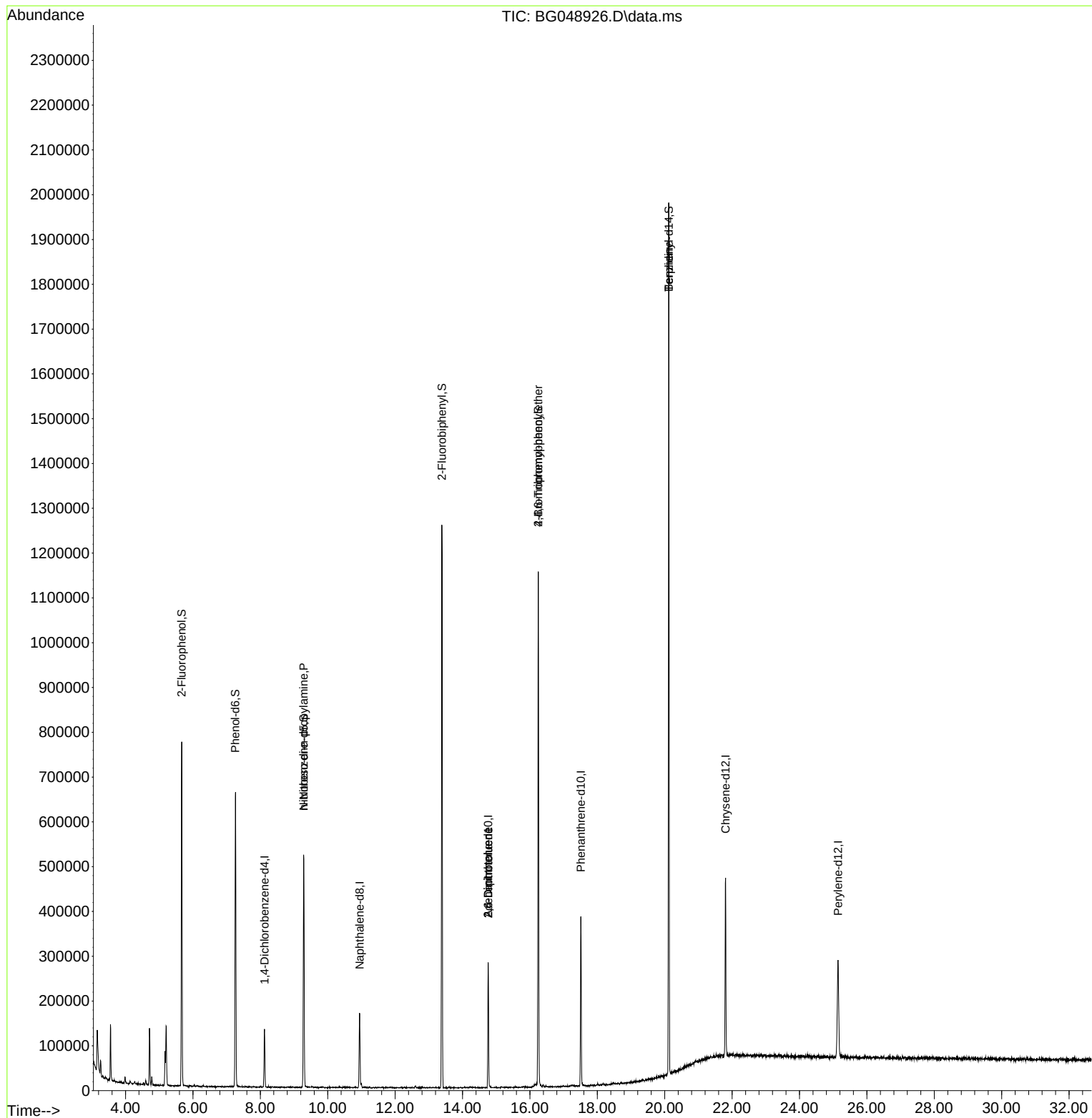
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	33459	20.00	ng	0.00
21) Naphthalene-d8	10.949	136	134877	20.00	ng	# 0.00
39) Acenaphthene-d10	14.762	164	96271	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	239239	20.00	ng	# 0.00
76) Chrysene-d12	21.807	240	248716	20.00	ng	-0.01
86) Perylene-d12	25.144	264	248696	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	281739	131.08	ng	0.00
7) Phenol-d6	7.259	99	336057	104.32	ng	0.00
23) Nitrobenzene-d5	9.286	82	310171	99.16	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	203645	142.78	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	638382	93.67	ng	0.00
79) Terphenyl-d14	20.121	244	875127	64.44	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.286	70	47552	18.88	ng	# 73
51) 2,6-Dinitrotoluene	14.762	165	13445	8.80	ng	# 11
57) 2,4-Dinitrotoluene	14.762	165	13445	7.17	ng	# 16
67) 4-Bromophenyl-phenylether	16.249	248	13408	4.49	ng	# 1
77) Benzidine	20.121	184	17058	3.40	ng	# 94

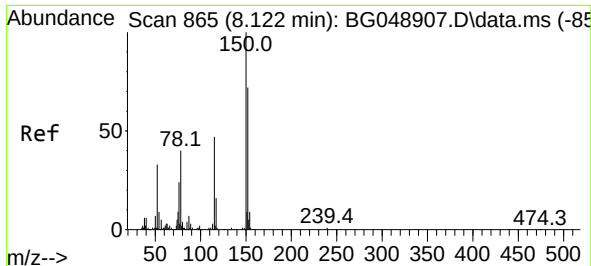
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
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Misc :
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18-B12(166-170)

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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

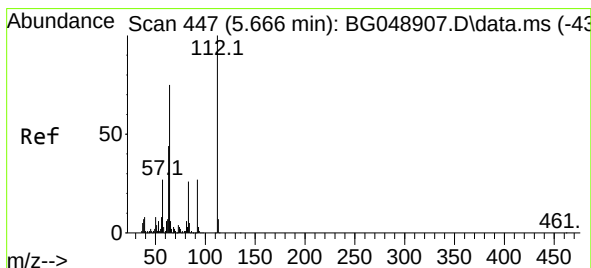
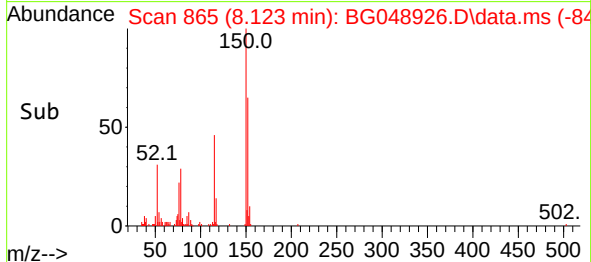
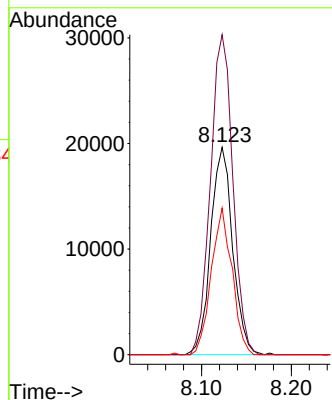
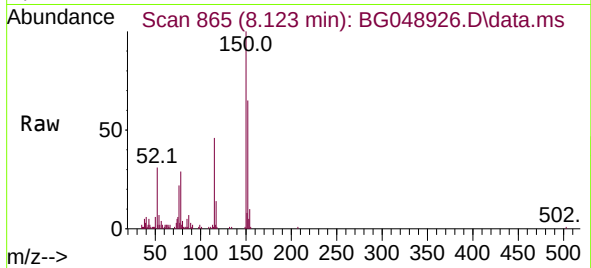




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.123 min Scan# 865
Delta R.T. 0.001 min
Lab File: BG048926.D
Acq: 13 Jun 2021 00:12

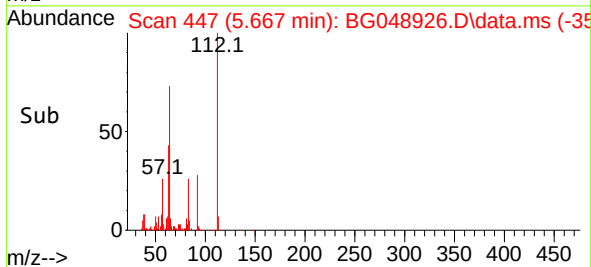
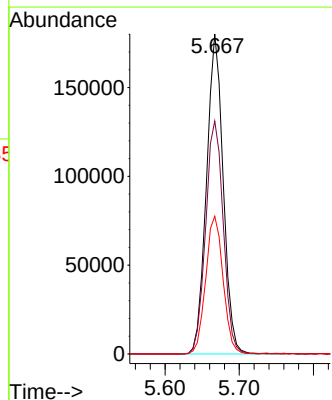
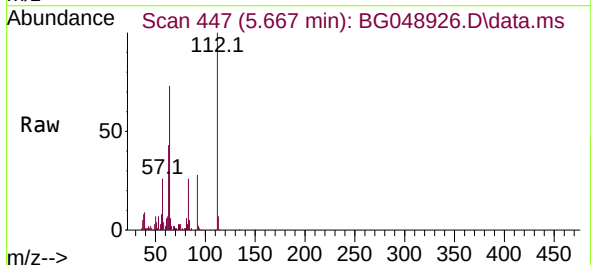
Instrument :
BNA_G
ClientSampleId :
18-B12(166-170)

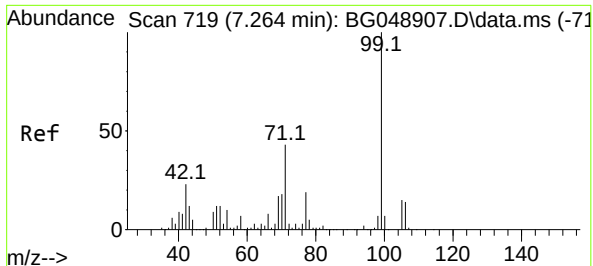
Tgt Ion:152 Resp: 33459
Ion Ratio Lower Upper
152 100
150 154.3 119.4 179.0
115 70.7 60.2 90.4



#5
2-Fluorophenol
Concen: 131.08 ng
RT: 5.667 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG048926.D
Acq: 13 Jun 2021 00:12

Tgt Ion:112 Resp: 281739
Ion Ratio Lower Upper
112 100
64 72.8 46.7 70.1#
63 43.0 35.3 52.9

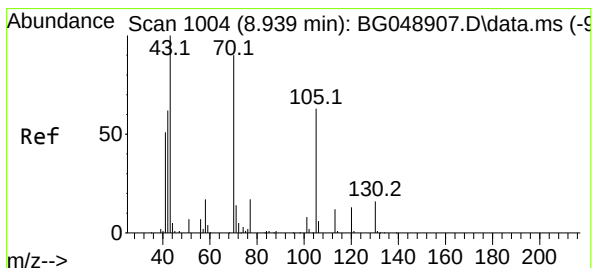
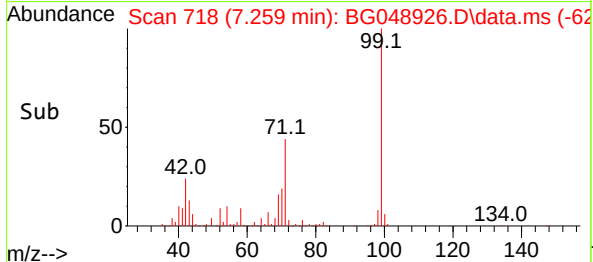
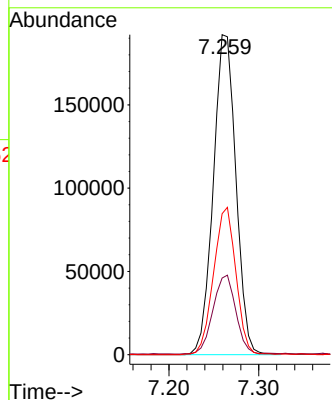
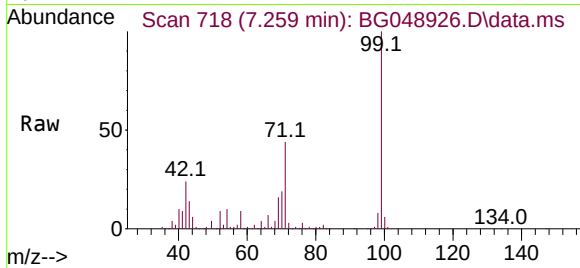




#7
Phenol-d6
Concen: 104.32 ng
RT: 7.259 min Scan# 718
Delta R.T. -0.005 min
Lab File: BG048926.D
Acq: 13 Jun 2021 00:12

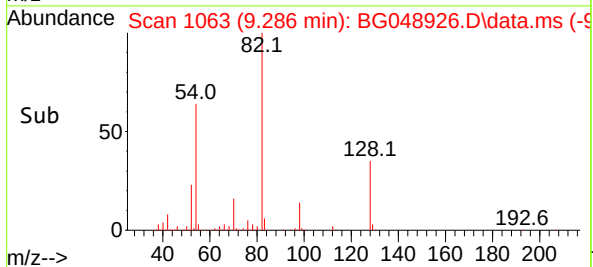
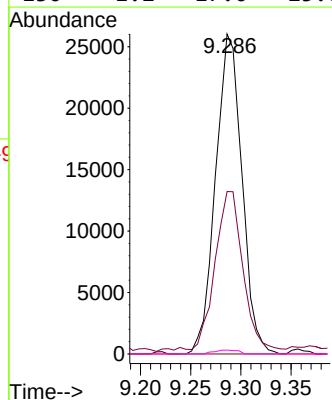
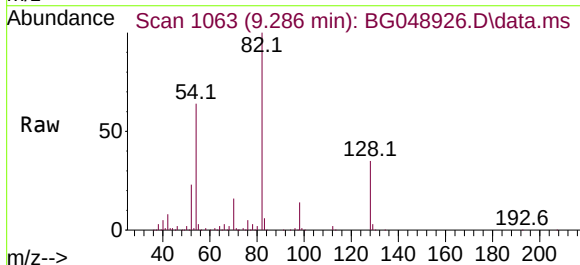
Instrument :
BNA_G
ClientSampleId :
18-B12(166-170)

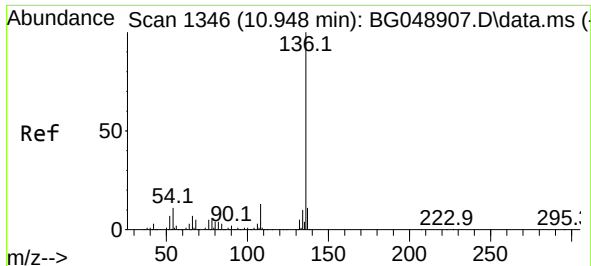
Tgt Ion: 99 Resp: 336057
Ion Ratio Lower Upper
99 100
42 23.9 20.5 30.7
71 44.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.88 ng
RT: 9.286 min Scan# 1063
Delta R.T. 0.347 min
Lab File: BG048926.D
Acq: 13 Jun 2021 00:12

Tgt Ion: 70 Resp: 47552
Ion Ratio Lower Upper
70 100
42 50.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.2 17.0 25.6#

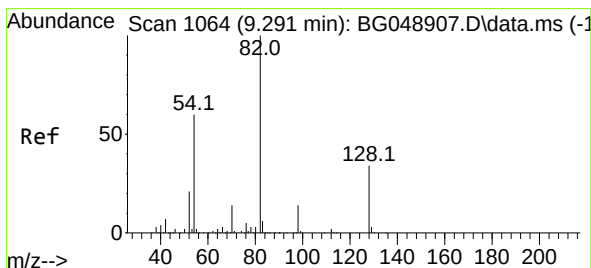
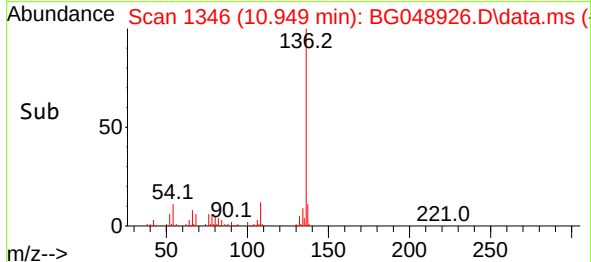
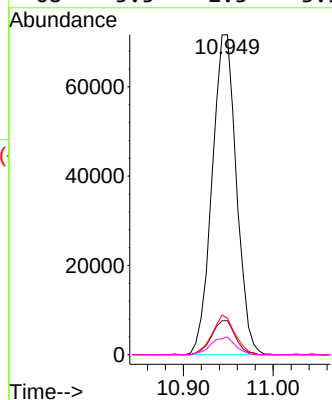
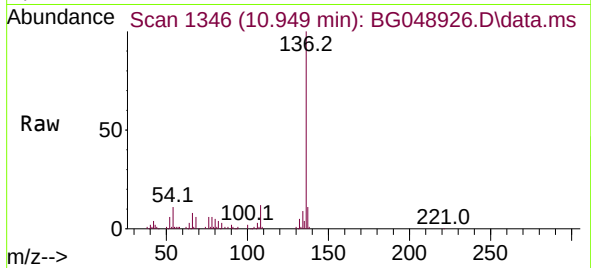




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.949 min Scan# 1346
Delta R.T. 0.001 min
Lab File: BG048926.D
Acq: 13 Jun 2021 00:12

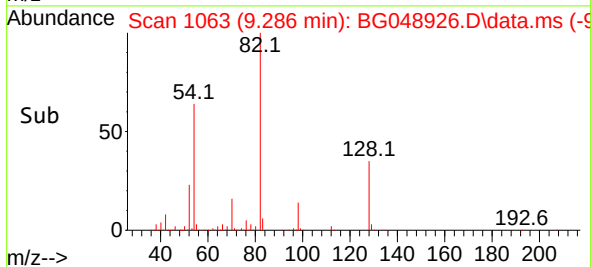
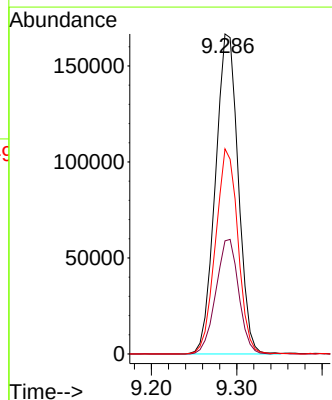
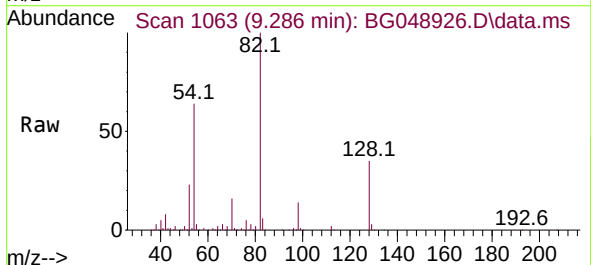
Instrument :
BNA_G
ClientSampleId :
18-B12(166-170)

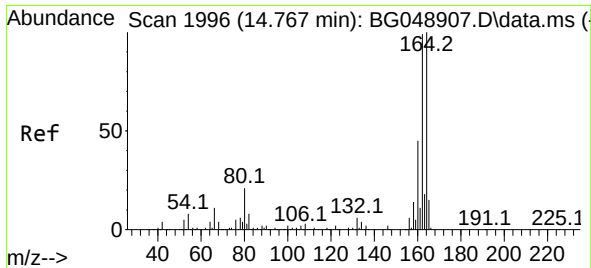
Tgt Ion:136	Resp:	134877
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.2
54	11.5	5.5 8.3#
68	5.5	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 99.16 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048926.D
Acq: 13 Jun 2021 00:12

Tgt Ion: 82	Resp:	310171
Ion Ratio	Lower	Upper
82	100	
128	35.4	29.8 44.6
54	64.1	45.8 68.8

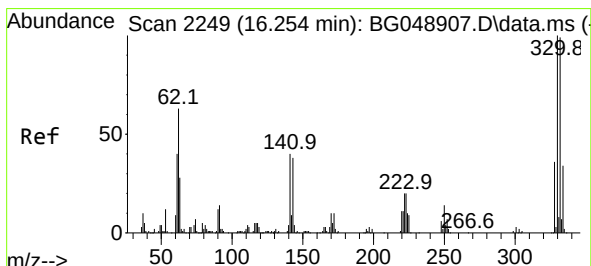
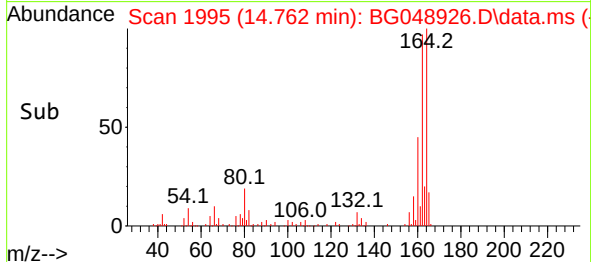
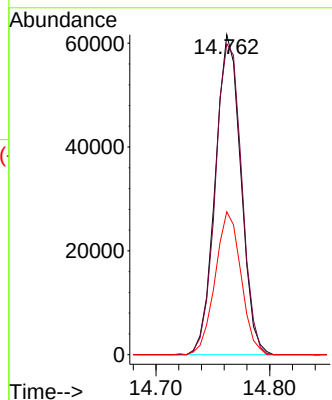
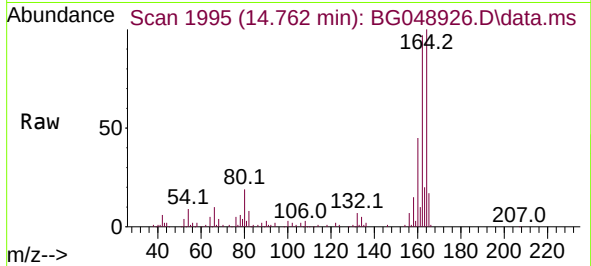




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048926.D
Acq: 13 Jun 2021 00:12

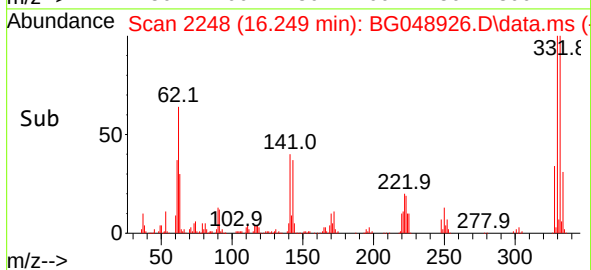
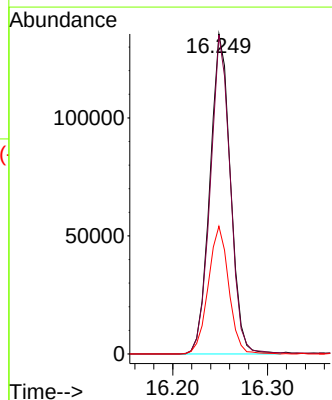
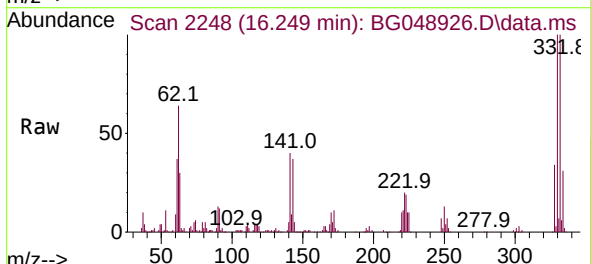
Instrument :
BNA_G
ClientSampleId :
18-B12(166-170)

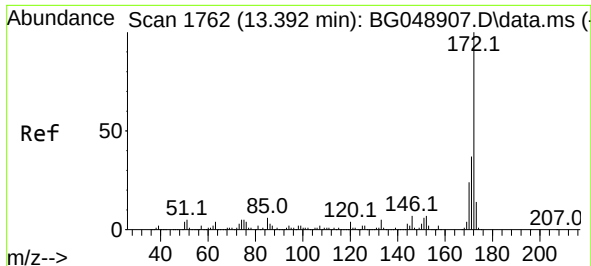
Tgt Ion:164 Resp: 96271
Ion Ratio Lower Upper
164 100
162 97.2 81.4 122.0
160 44.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 142.78 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.005 min
Lab File: BG048926.D
Acq: 13 Jun 2021 00:12

Tgt Ion:330 Resp: 203645
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 39.8 35.6 53.4

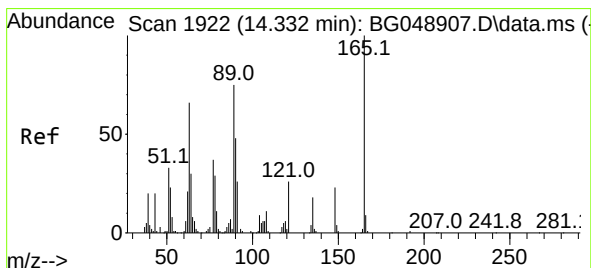
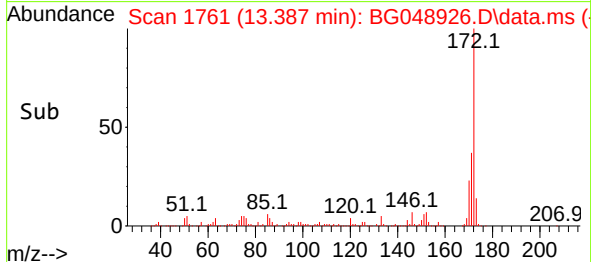
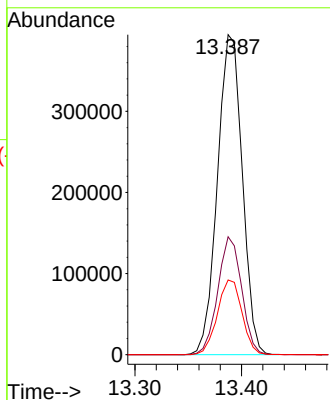
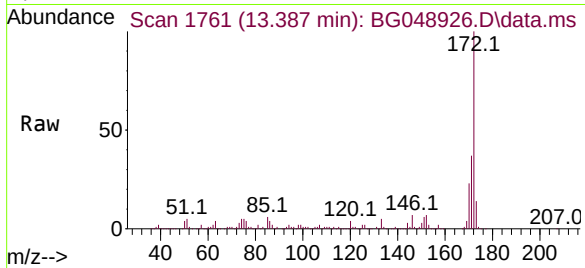




#45
2-Fluorobiphenyl
Concen: 93.67 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048926.D
Acq: 13 Jun 2021 00:12

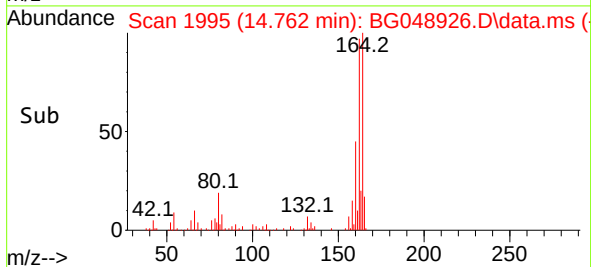
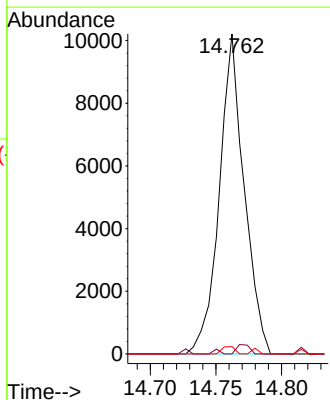
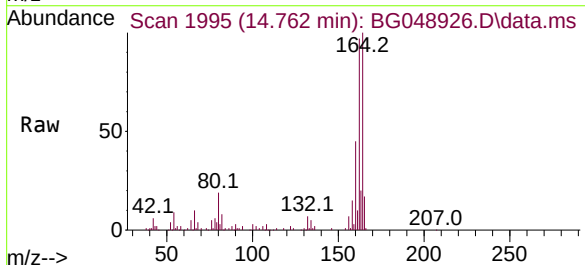
Instrument :
BNA_G
ClientSampleId :
18-B12(166-170)

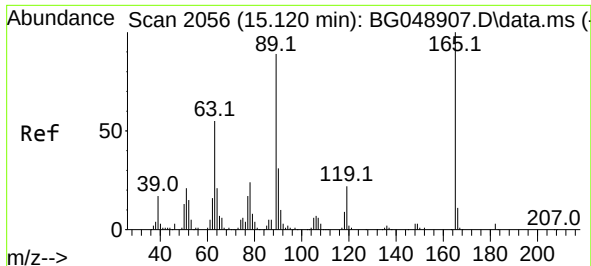
Tgt Ion:172 Resp: 638382
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.80 ng
RT: 14.762 min Scan# 1995
Delta R.T. 0.430 min
Lab File: BG048926.D
Acq: 13 Jun 2021 00:12

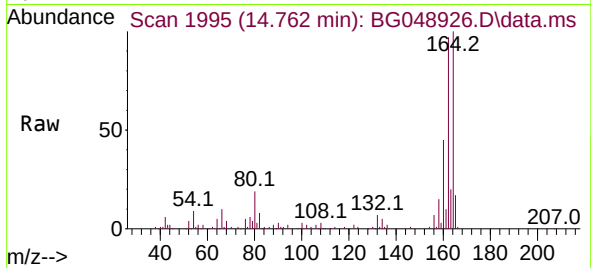
Tgt Ion:165 Resp: 13445
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.3 63.4 95.0#



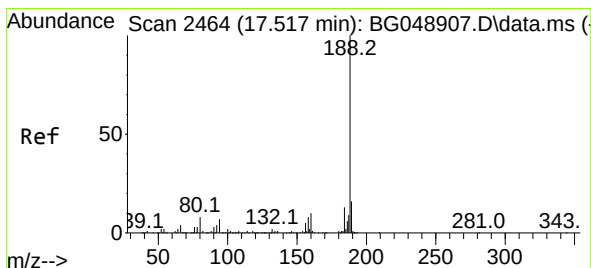
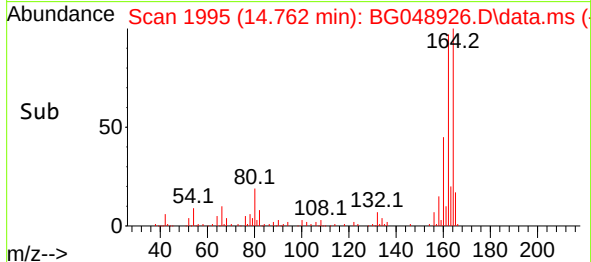
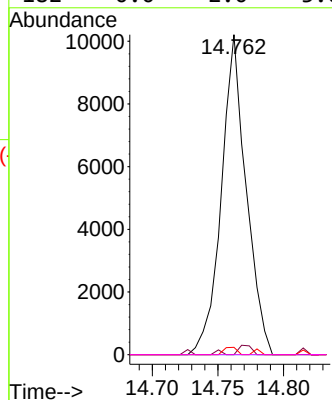


#57
2,4-Dinitrotoluene
Concen: 7.17 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.358 min
Lab File: BG048926.D
Acq: 13 Jun 2021 00:12

Instrument :
BNA_G
ClientSampleId :
18-B12(166-170)

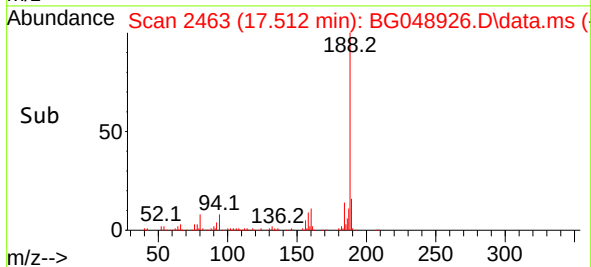
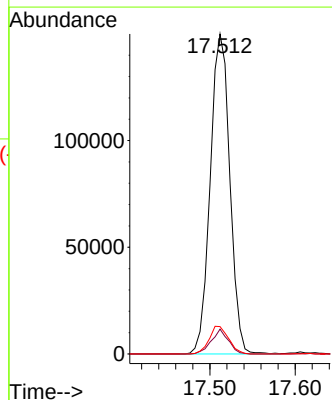
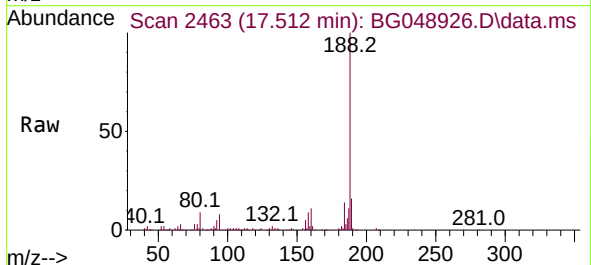


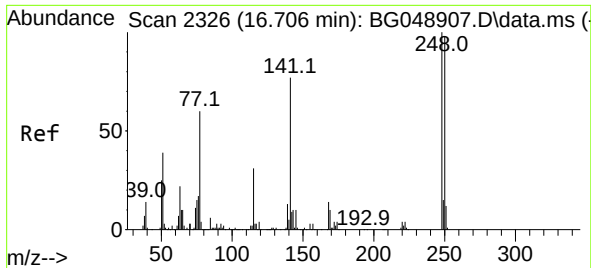
Tgt Ion:165 Resp: 13445
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.3 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048926.D
Acq: 13 Jun 2021 00:12

Tgt Ion:188 Resp: 239239
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.0
80 8.5 3.7 5.5#

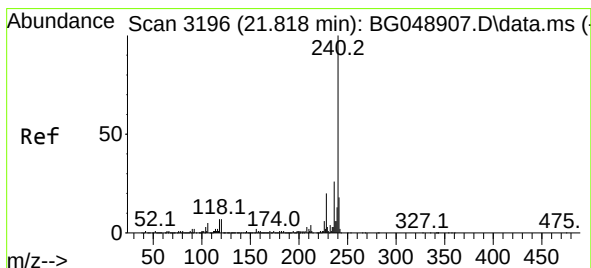
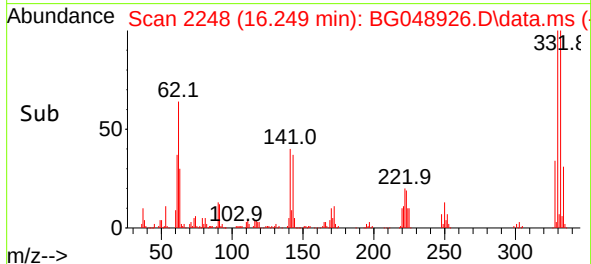
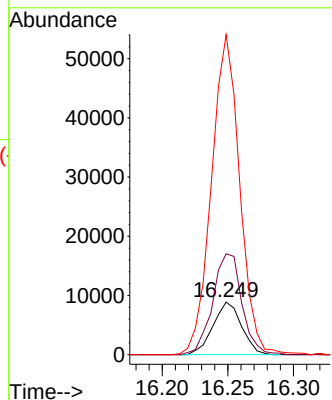
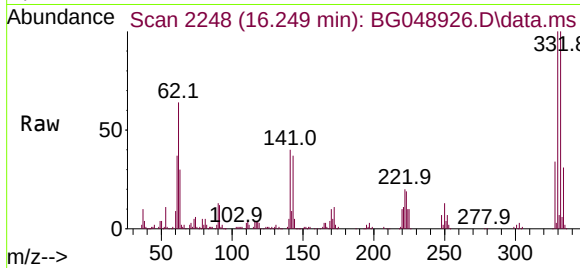




#67
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.458 min
Lab File: BG048926.D
Acq: 13 Jun 2021 00:12

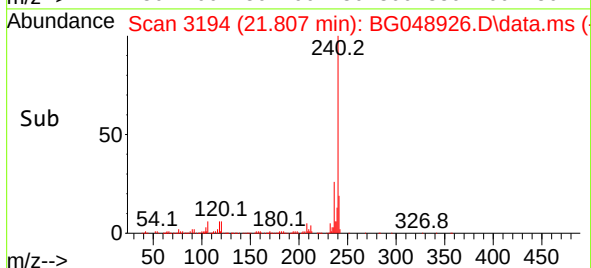
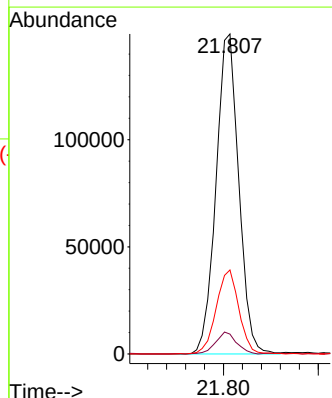
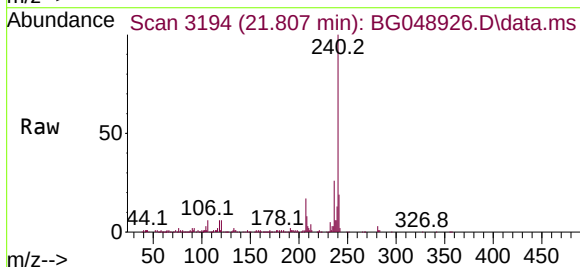
Instrument :
BNA_G
ClientSampleId :
18-B12(166-170)

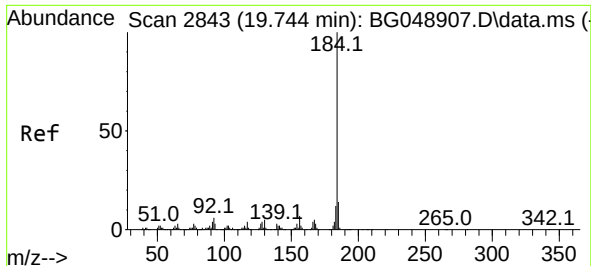
Tgt Ion:248 Resp: 13408
Ion Ratio Lower Upper
248 100
250 191.9 76.1 114.1#
141 607.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.807 min Scan# 3194
Delta R.T. -0.011 min
Lab File: BG048926.D
Acq: 13 Jun 2021 00:12

Tgt Ion:240 Resp: 248716
Ion Ratio Lower Upper
240 100
120 6.2 4.2 6.2
236 26.2 21.8 32.6

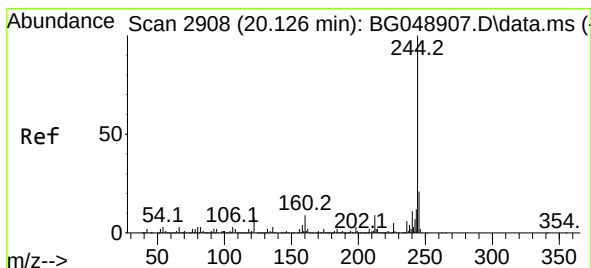
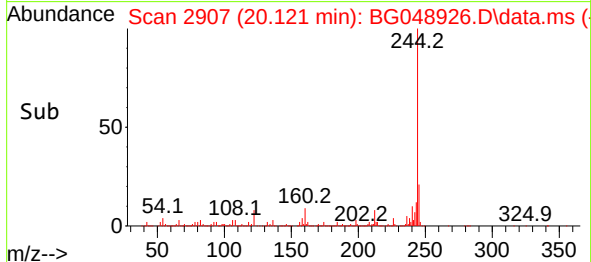
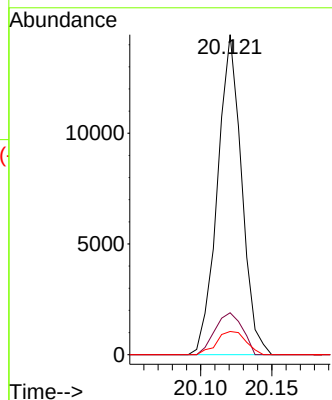
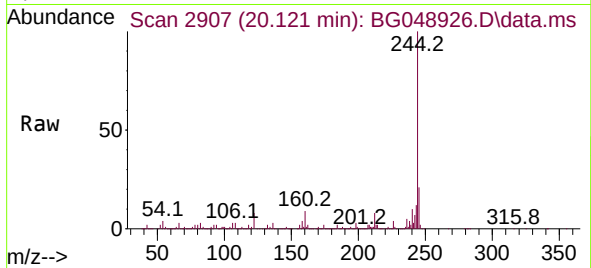




#77
Benzidine
Concen: 3.40 ng
RT: 20.121 min Scan# 2907
Delta R.T. 0.377 min
Lab File: BG048926.D
Acq: 13 Jun 2021 00:12

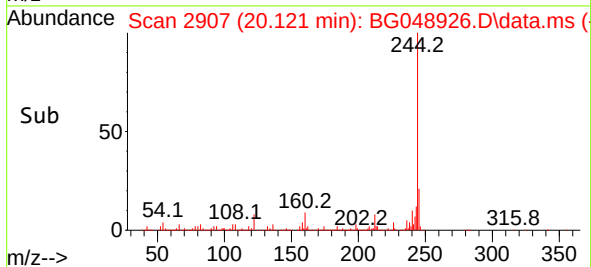
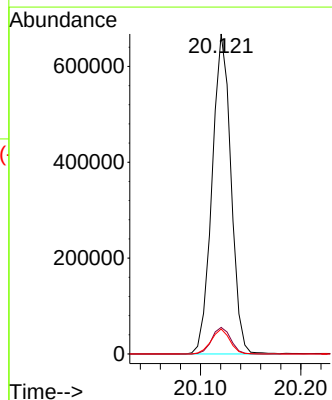
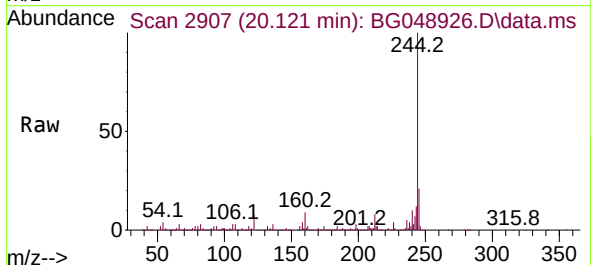
Instrument :
BNA_G
ClientSampleId :
18-B12(166-170)

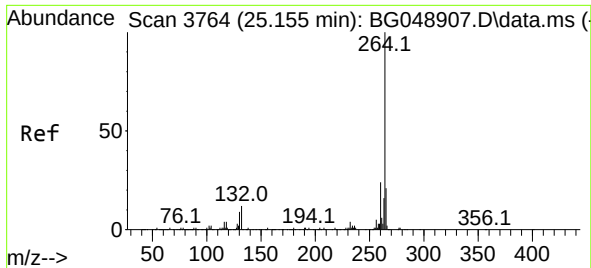
Tgt Ion:184 Resp: 17058
Ion Ratio Lower Upper
184 100
185 13.1 10.7 16.1
183 7.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 64.44 ng
RT: 20.121 min Scan# 2907
Delta R.T. -0.005 min
Lab File: BG048926.D
Acq: 13 Jun 2021 00:12

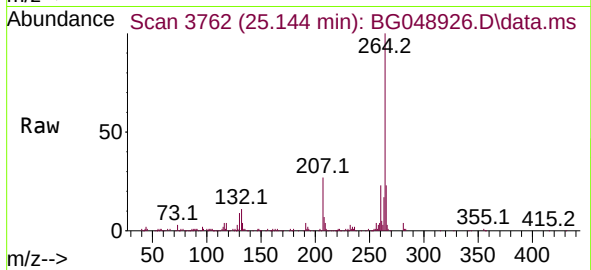
Tgt Ion:244 Resp: 875127
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 7.8 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.144 min Scan# 3762
 Delta R.T. -0.011 min
 Lab File: BG048926.D
 Acq: 13 Jun 2021 00:12

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(166-170)



Tgt Ion:264	Resp:	248696
Ion Ratio	Lower	Upper
264	100	
260	23.3	19.4 29.2
265	22.8	16.9 25.3

