

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048927.D
 Acq On : 13 Jun 2021 00:53
 Operator : CG/JU
 Sample : M2625-29
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(170-174)

Quant Time: Jun 14 03:18:14 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)

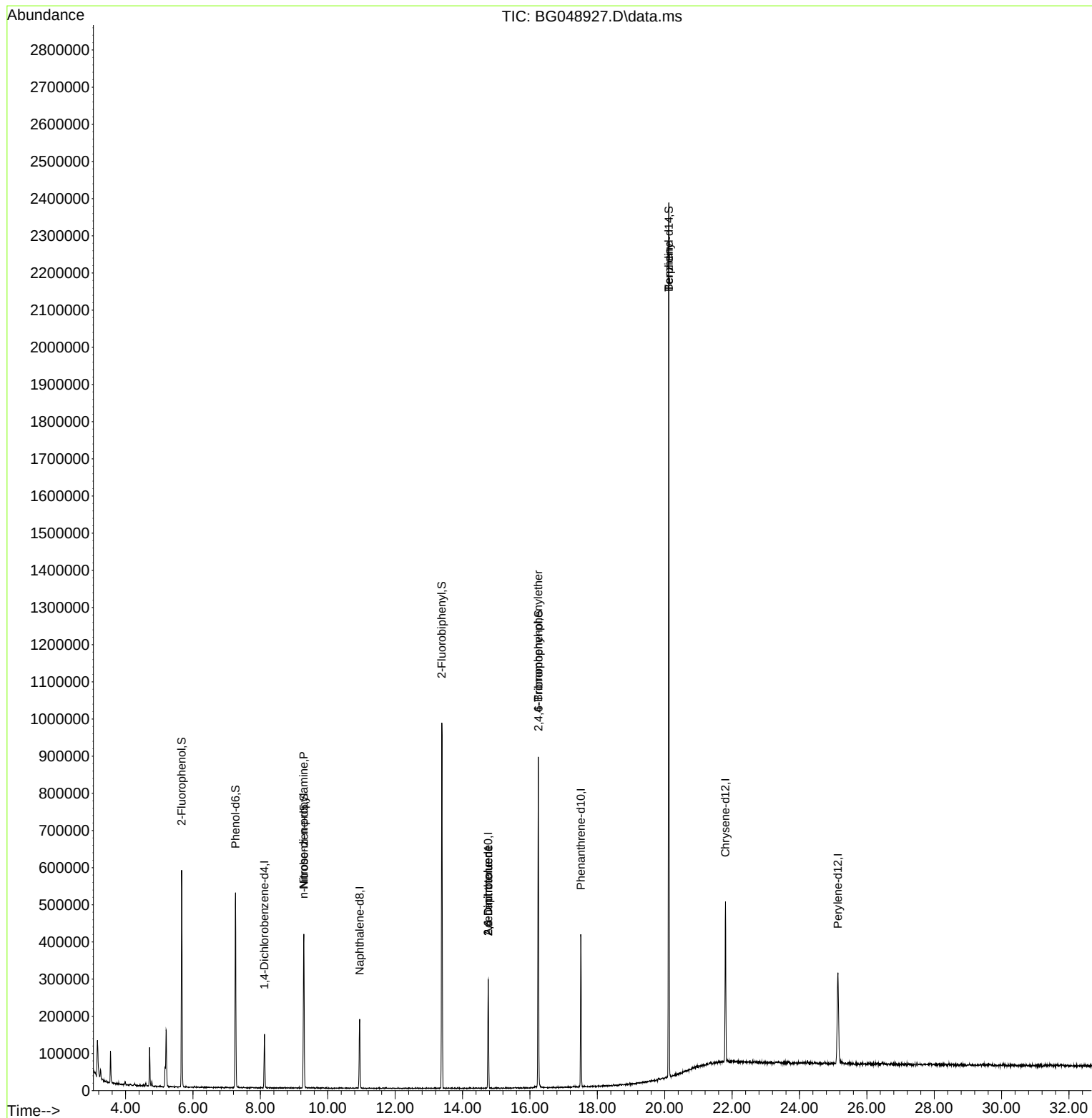
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	35150	20.00	ng	0.00
21) Naphthalene-d8	10.946	136	143238	20.00	ng	# 0.00
39) Acenaphthene-d10	14.760	164	104222	20.00	ng	0.00
64) Phenanthrene-d10	17.509	188	257970	20.00	ng	# 0.00
76) Chrysene-d12	21.804	240	269549	20.00	ng	#-0.01
86) Perylene-d12	25.142	264	270473	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	218904	96.95	ng	0.00
7) Phenol-d6	7.263	99	258163	76.28	ng	0.00
23) Nitrobenzene-d5	9.290	82	241398	72.67	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	163721	106.03	ng	0.00
45) 2-Fluorobiphenyl	13.385	172	501997	68.04	ng	0.00
79) Terphenyl-d14	20.124	244	1112367	75.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.284	70	36712	13.88	ng	# 77
51) 2,6-Dinitrotoluene	14.760	165	13716	8.30	ng	# 11
57) 2,4-Dinitrotoluene	14.760	165	13716	6.75	ng	# 17
67) 4-Bromophenyl-phenylether	16.246	248	10619	3.30	ng	# 1
77) Benzdine	20.124	184	22447	4.13	ng	# 92

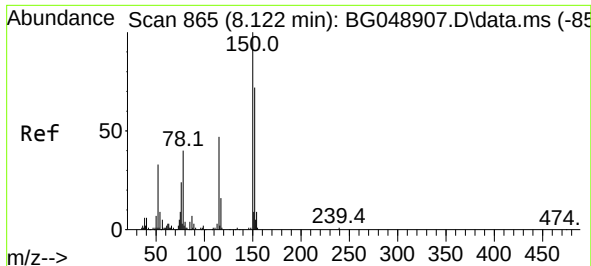
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
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18-B12(170-174)

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Response via : Initial Calibration

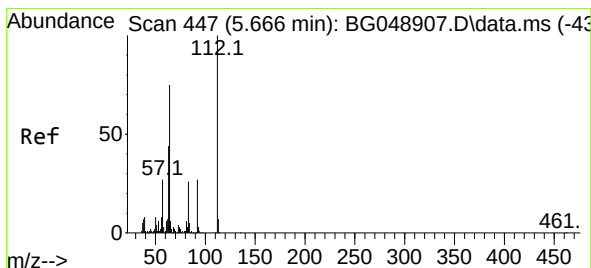
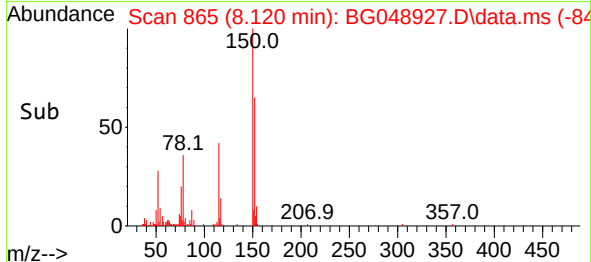
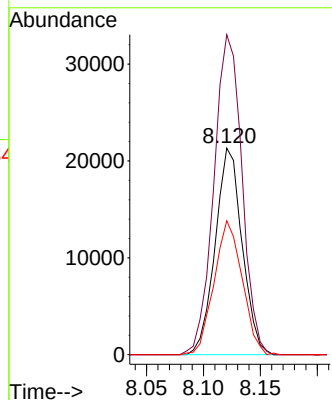
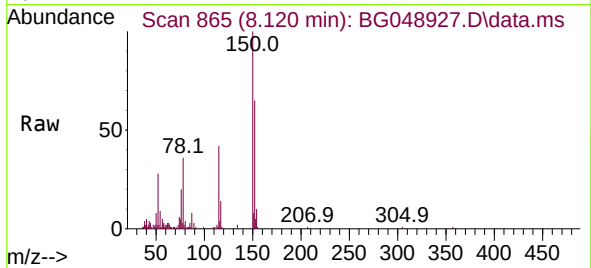




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.120 min Scan# 865
Delta R.T. -0.002 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

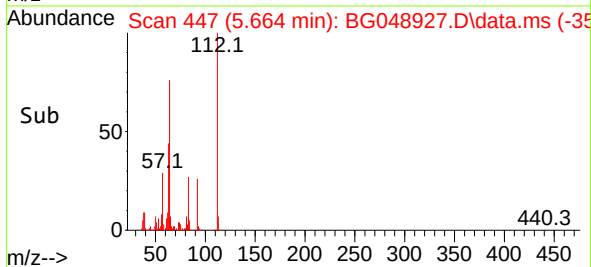
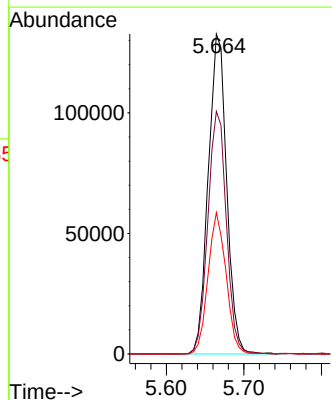
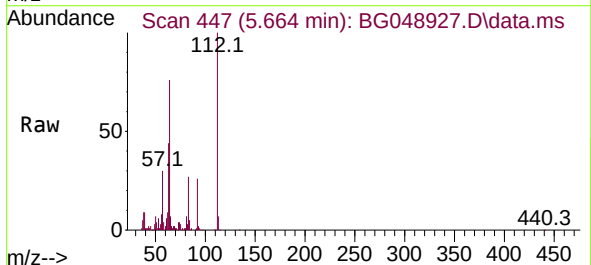
Instrument :
BNA_G
ClientSampleId :
18-B12(170-174)

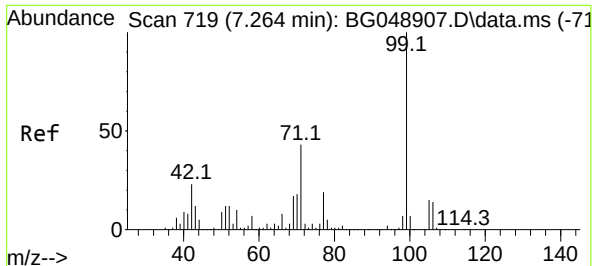
Tgt Ion:152 Resp: 35150
Ion Ratio Lower Upper
152 100
150 154.9 119.4 179.0
115 64.8 60.2 90.4



#5
2-Fluorophenol
Concen: 96.95 ng
RT: 5.664 min Scan# 447
Delta R.T. -0.002 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

Tgt Ion:112 Resp: 218904
Ion Ratio Lower Upper
112 100
64 75.8 46.7 70.1#
63 44.1 35.3 52.9

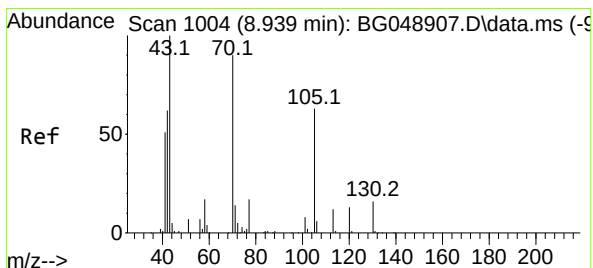
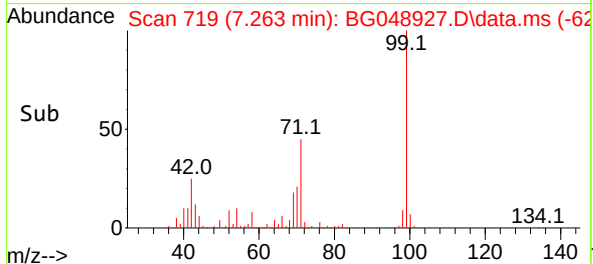
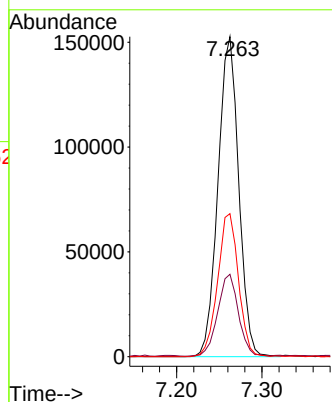
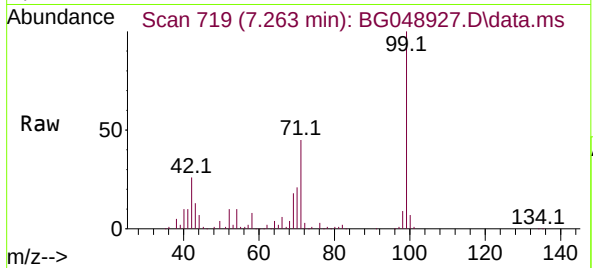




#7
Phenol-d6
Concen: 76.28 ng
RT: 7.263 min Scan# 719
Delta R.T. -0.001 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

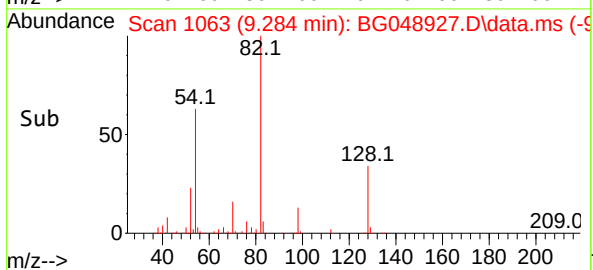
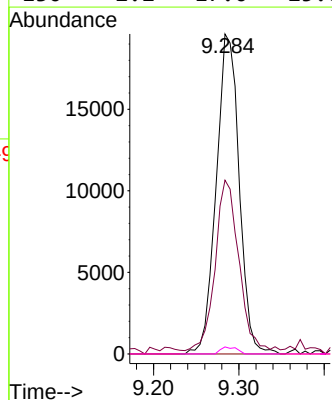
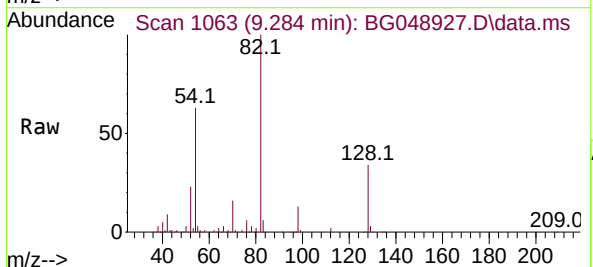
Instrument :
BNA_G
ClientSampled :
18-B12(170-174)

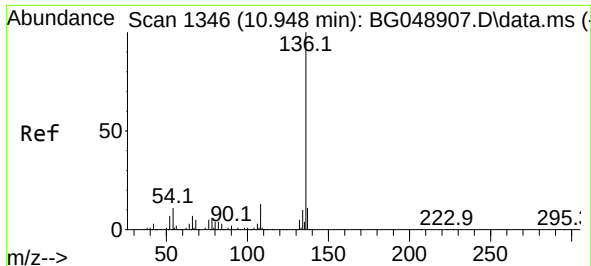
Tgt Ion: 99 Resp: 258163
Ion Ratio Lower Upper
99 100
42 25.8 20.5 30.7
71 44.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.88 ng
RT: 9.284 min Scan# 1063
Delta R.T. 0.345 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

Tgt Ion: 70 Resp: 36712
Ion Ratio Lower Upper
70 100
42 54.3 54.5 81.7#
101 0.0 9.0 13.6#
130 2.2 17.0 25.6#

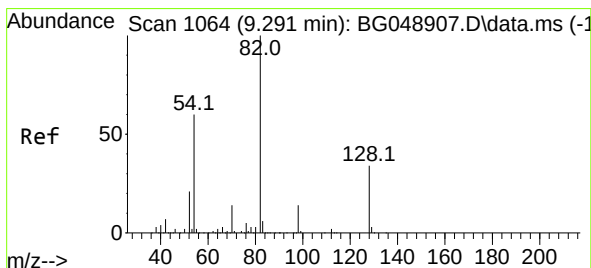
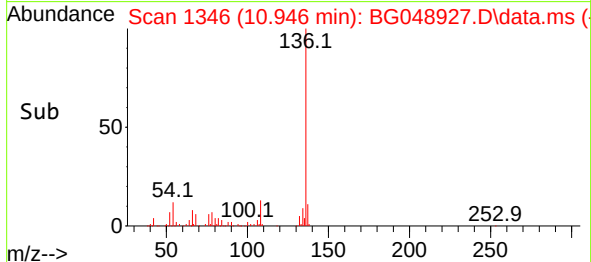
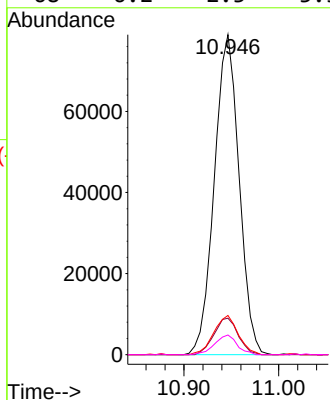
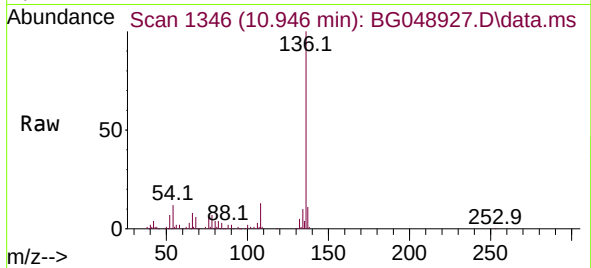




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.946 min Scan# 1346
Delta R.T. -0.002 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

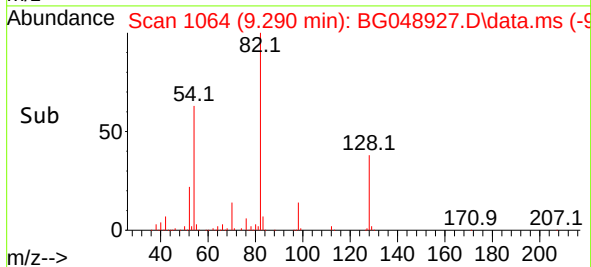
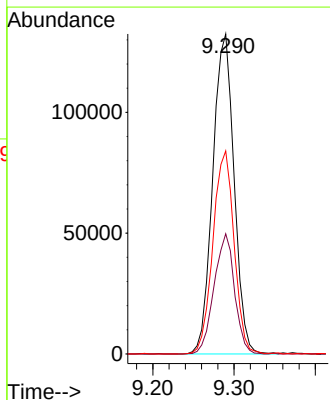
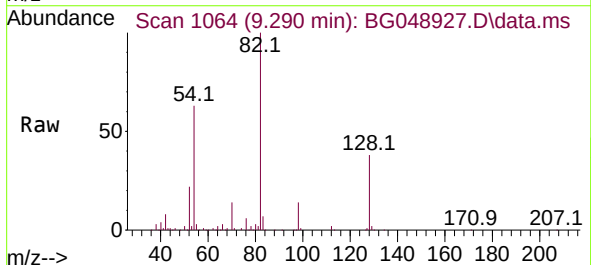
Instrument :
BNA_G
ClientSampleId :
18-B12(170-174)

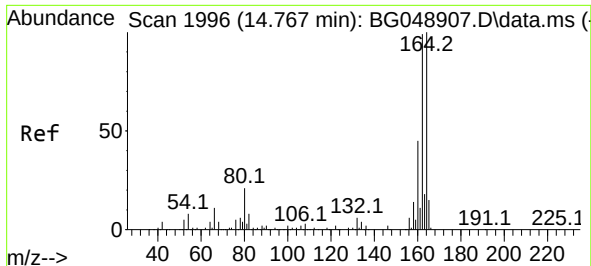
Tgt Ion:136	Resp:	143238
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.2 12.2
54	12.3	5.5 8.3#
68	6.2	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 72.67 ng
RT: 9.290 min Scan# 1064
Delta R.T. -0.001 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

Tgt Ion: 82	Resp:	241398
Ion Ratio	Lower	Upper
82	100	
128	37.6	29.8 44.6
54	63.4	45.8 68.8

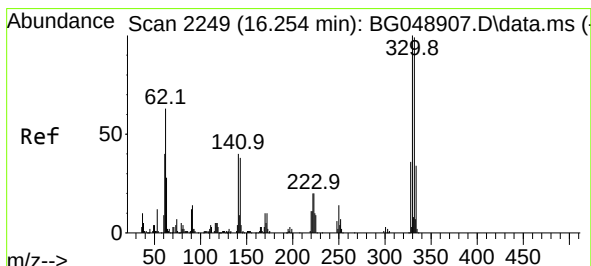
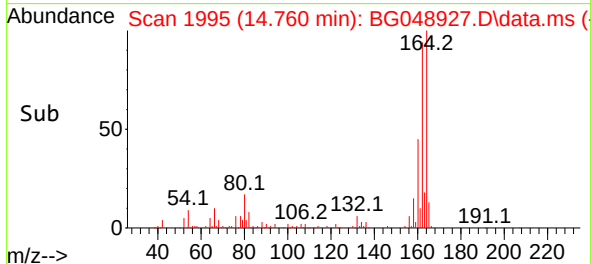
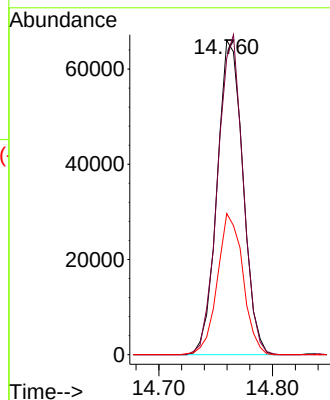
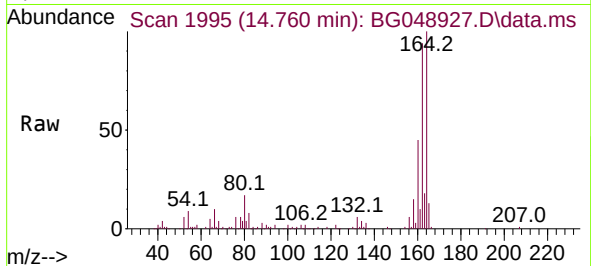




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.760 min Scan# 1995
Delta R.T. -0.007 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

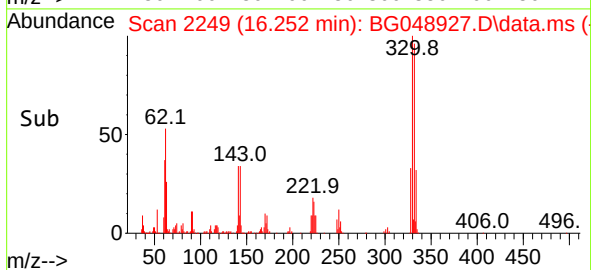
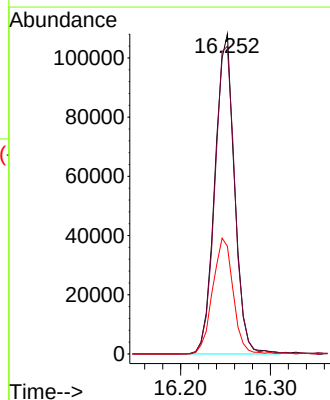
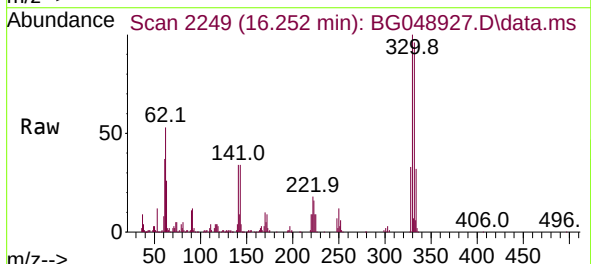
Instrument :
BNA_G
ClientSampleId :
18-B12(170-174)

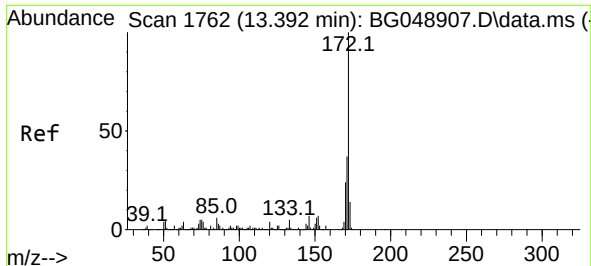
Tgt Ion:164 Resp: 104222
Ion Ratio Lower Upper
164 100
162 94.5 81.4 122.0
160 44.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 106.03 ng
RT: 16.252 min Scan# 2249
Delta R.T. -0.002 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

Tgt Ion:330 Resp: 163721
Ion Ratio Lower Upper
330 100
332 98.7 77.3 115.9
141 38.0 35.6 53.4

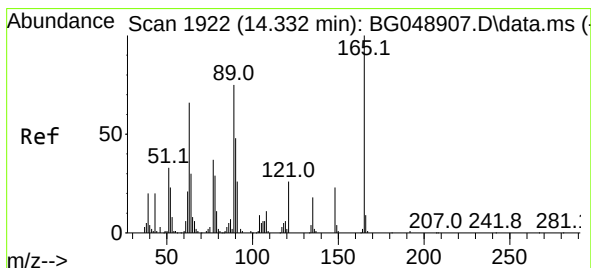
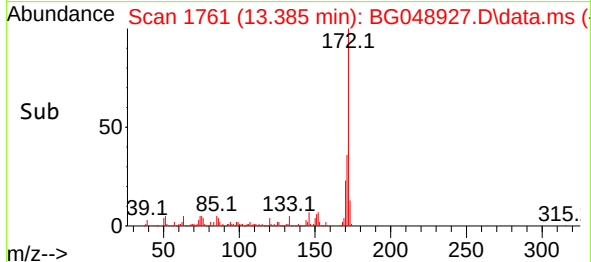
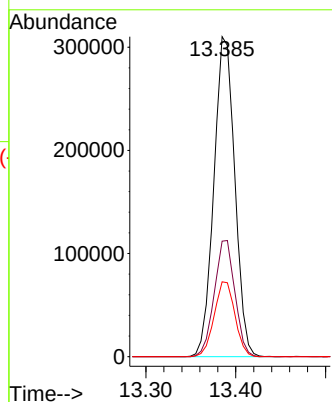
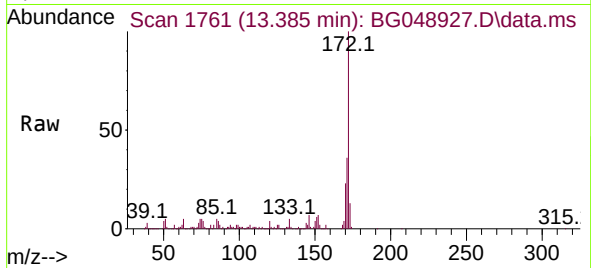




#45
2-Fluorobiphenyl
Concen: 68.04 ng
RT: 13.385 min Scan# 1761
Delta R.T. -0.007 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

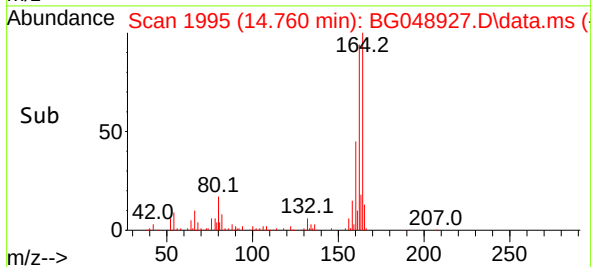
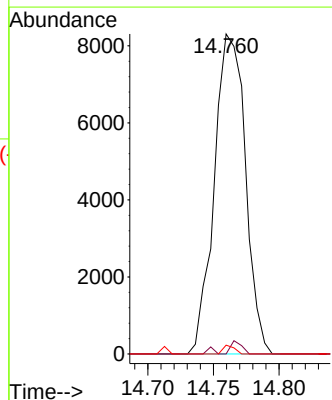
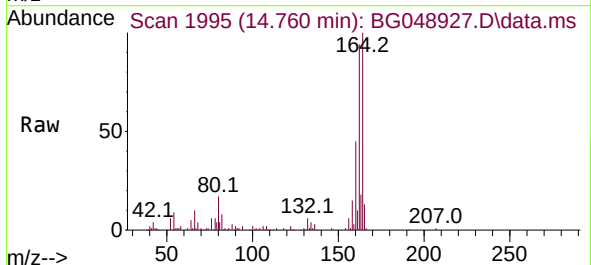
Instrument :
BNA_G
ClientSampleId :
18-B12(170-174)

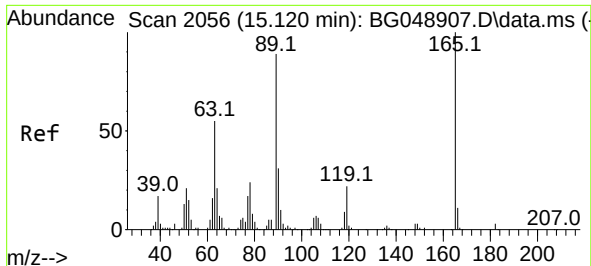
Tgt Ion:172	Resp:	501997
Ion Ratio	Lower	Upper
172	100	
171	36.1	28.6 43.0
170	23.4	18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.30 ng
RT: 14.760 min Scan# 1995
Delta R.T. 0.427 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

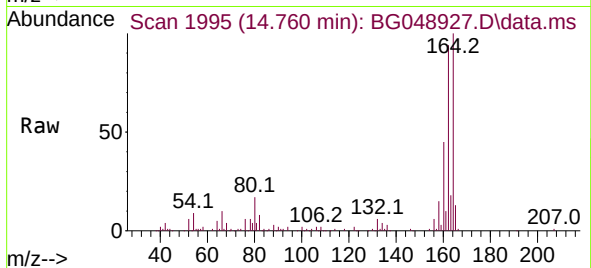
Tgt Ion:165	Resp:	13716
Ion Ratio	Lower	Upper
165	100	
63	0.0	63.3 94.9#
89	2.7	63.4 95.0#



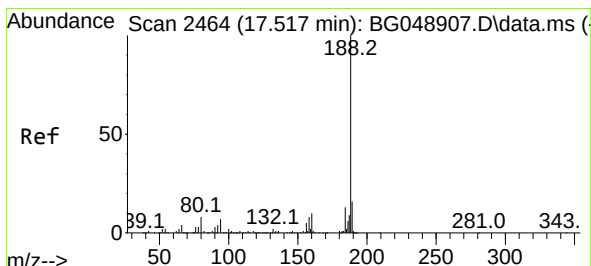
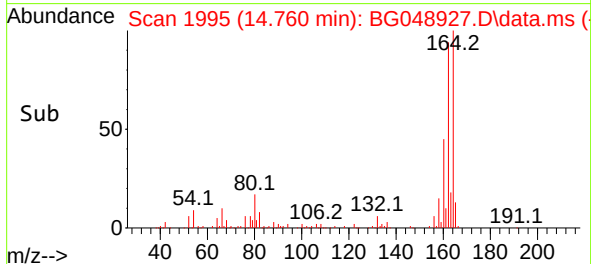
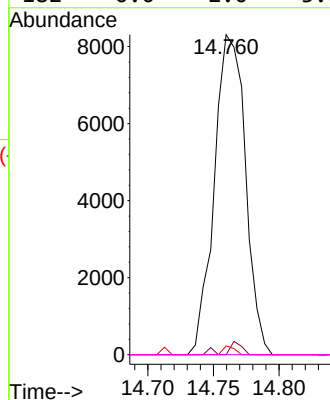


#57
2,4-Dinitrotoluene
Concen: 6.75 ng
RT: 14.760 min Scan# 1995
Delta R.T. -0.360 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

Instrument :
BNA_G
ClientSampleId :
18-B12(170-174)

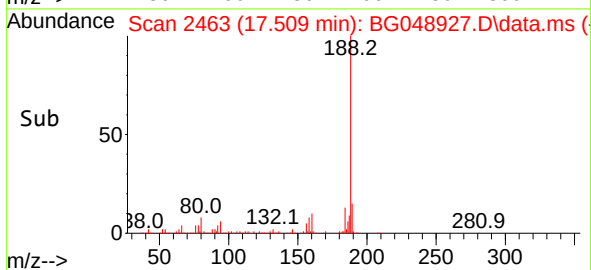
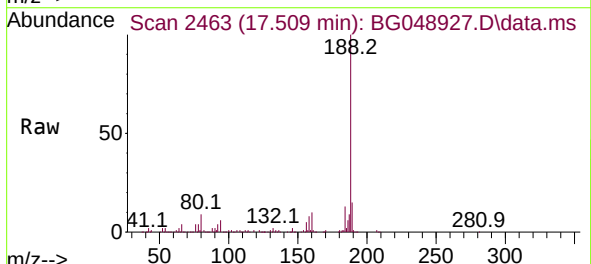
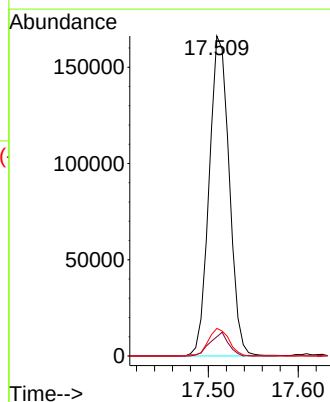


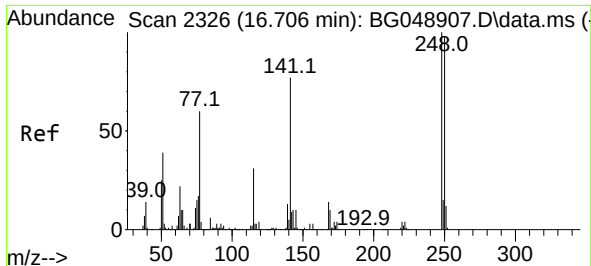
Tgt Ion:165 Resp: 13716
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.7 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.509 min Scan# 2463
Delta R.T. -0.008 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

Tgt Ion:188 Resp: 257970
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 8.6 3.7 5.5#

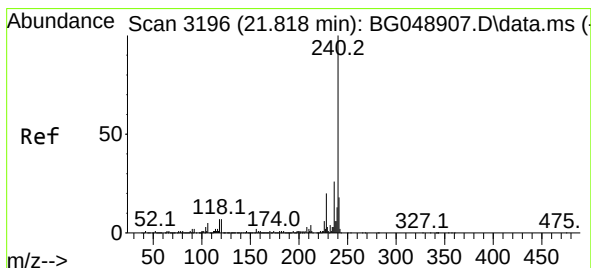
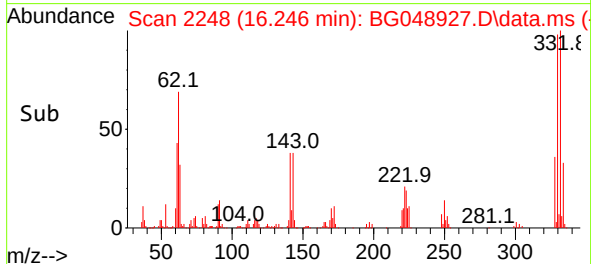
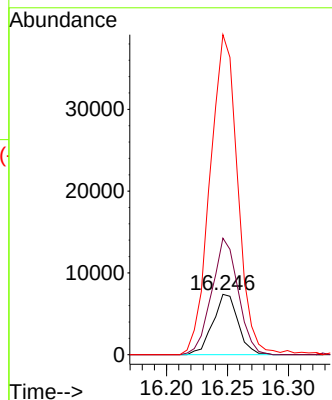
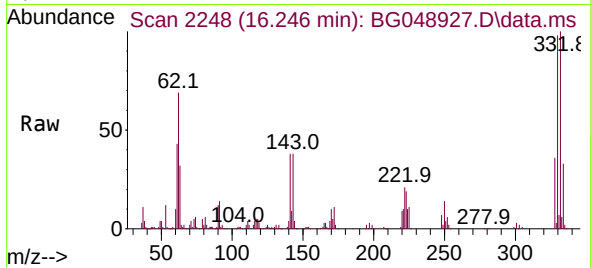




#67
4-Bromophenyl-phenylether
Concen: 3.30 ng
RT: 16.246 min Scan# 2248
Delta R.T. -0.460 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

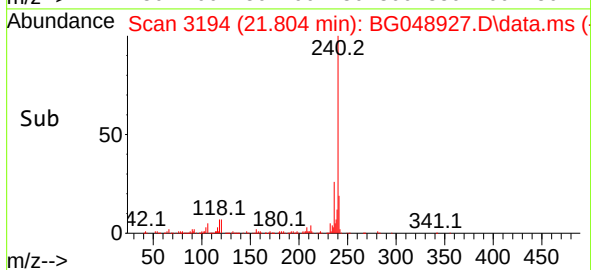
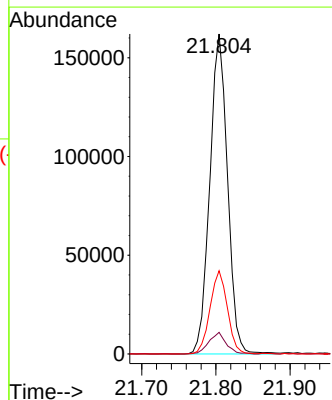
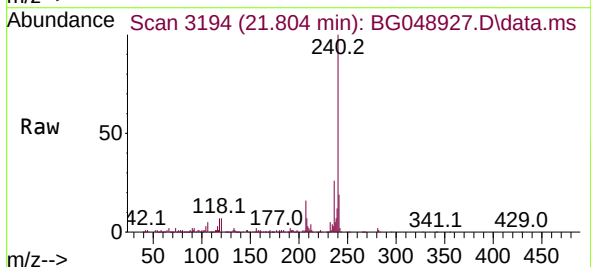
Instrument :
BNA_G
ClientSampleId :
18-B12(170-174)

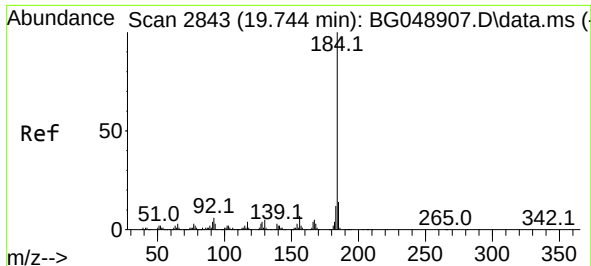
Tgt Ion:248 Resp: 10619
Ion Ratio Lower Upper
248 100
250 193.4 76.1 114.1#
141 531.0 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.804 min Scan# 3194
Delta R.T. -0.013 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

Tgt Ion:240 Resp: 269549
Ion Ratio Lower Upper
240 100
120 6.8 4.2 6.2#
236 26.0 21.8 32.6

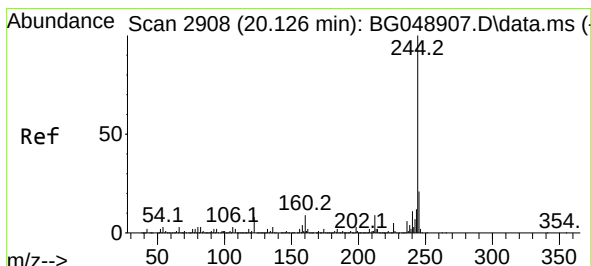
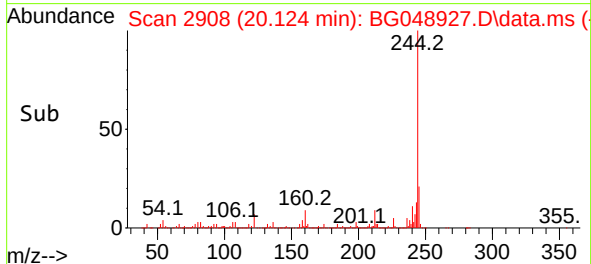
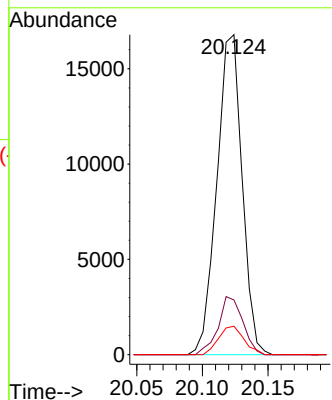
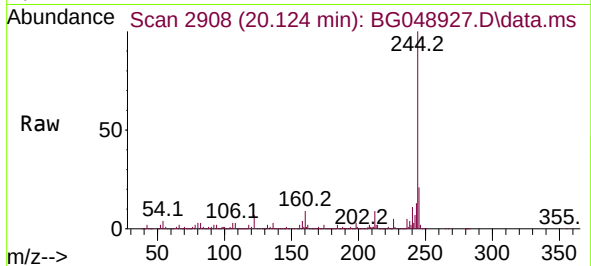




#77
Benzidine
Concen: 4.13 ng
RT: 20.124 min Scan# 2908
Delta R.T. 0.380 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

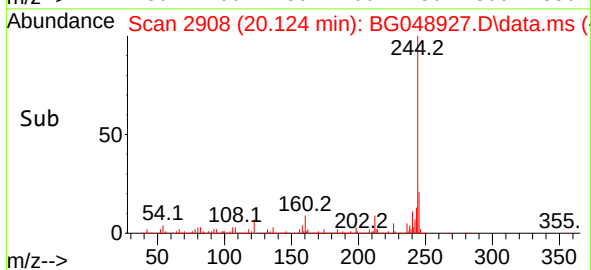
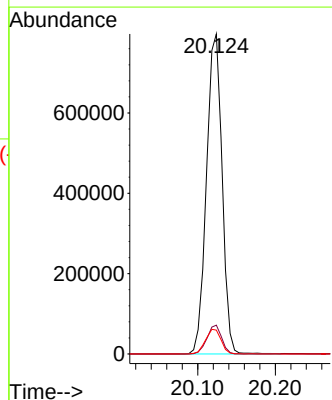
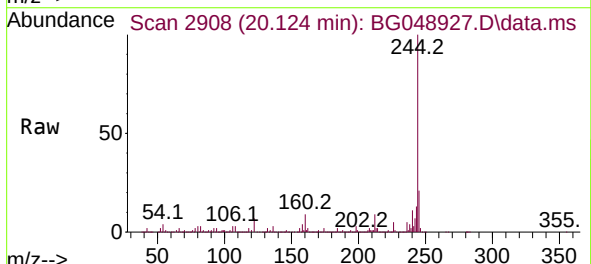
Instrument :
BNA_G
ClientSampleId :
18-B12(170-174)

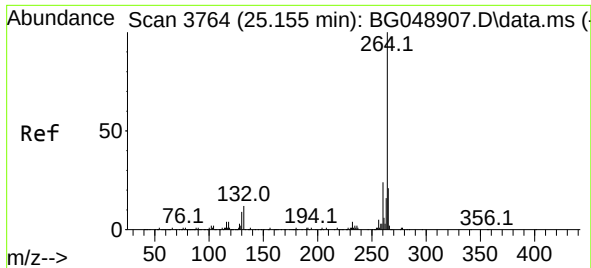
Tgt Ion:184 Resp: 22447
Ion Ratio Lower Upper
184 100
185 17.1 10.7 16.1#
183 8.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 75.58 ng
RT: 20.124 min Scan# 2908
Delta R.T. -0.002 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

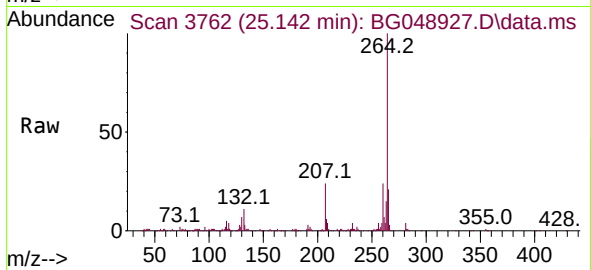
Tgt Ion:244 Resp: 1112367
Ion Ratio Lower Upper
244 100
212 9.0 6.9 10.3
122 7.4 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.142 min Scan# 3762
Delta R.T. -0.013 min
Lab File: BG048927.D
Acq: 13 Jun 2021 00:53

Instrument :
BNA_G
ClientSampleId :
18-B12(170-174)



Tgt Ion:	264	Resp:	270473
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.4	29.2
265	20.8	16.9	25.3

