

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061521\
 Data File : BG048988.D
 Acq On : 15 Jun 2021 22:06
 Operator : CG/JU
 Sample : M2672-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(52-56)

Quant Time: Jun 16 01:02:36 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)

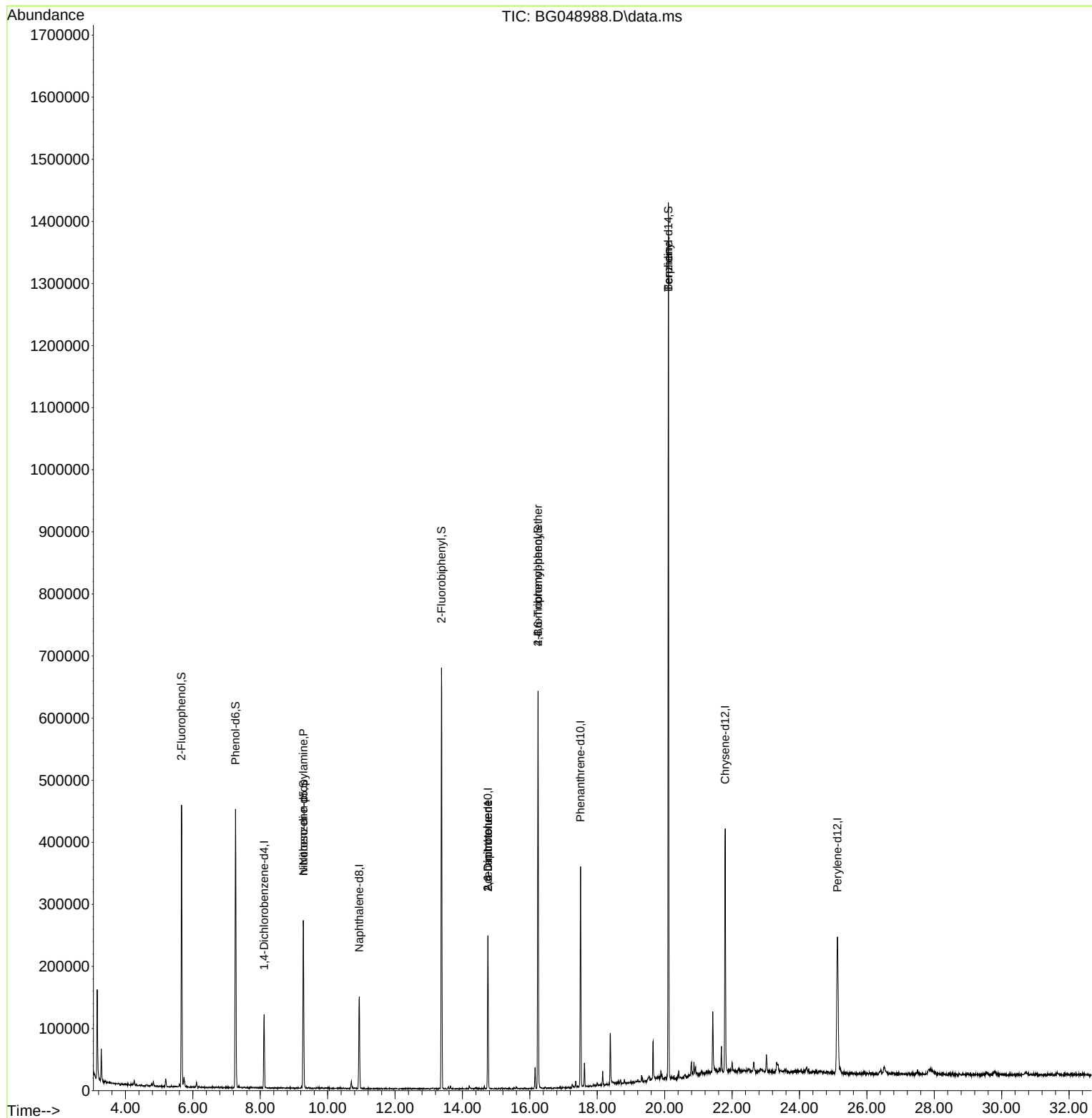
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.112	152	30340	20.00	ng	# 0.00
21) Naphthalene-d8	10.938	136	118128	20.00	ng	# 0.00
39) Acenaphthene-d10	14.757	164	88853	20.00	ng	0.00
64) Phenanthrene-d10	17.501	188	227889	20.00	ng	#-0.02
76) Chrysene-d12	21.796	240	248628	20.00	ng	-0.02
86) Perylene-d12	25.128	264	263396	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.662	112	176728	90.68	ng	0.00
7) Phenol-d6	7.266	99	232621	79.63	ng	0.00
23) Nitrobenzene-d5	9.275	82	161825	59.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.244	330	117811	89.49	ng	-0.01
45) 2-Fluorobiphenyl	13.377	172	339357	53.95	ng	-0.02
79) Terphenyl-d14	20.110	244	652228	48.04	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.275	70	24311	10.65	ng	# 78
51) 2,6-Dinitrotoluene	14.757	165	11965	8.49	ng	# 12
57) 2,4-Dinitrotoluene	14.757	165	11965	6.91	ng	# 18
67) 4-Bromophenyl-phenylether	16.244	248	6799	2.39	ng	# 1
77) Benzidine	20.110	184	13195	2.63	ng	# 90

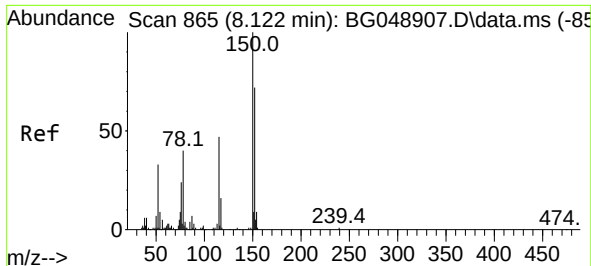
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061521\
Data File : BG048988.D
Acq On : 15 Jun 2021 22:06
Operator : CG/JU
Sample : M2672-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
17-B6(52-56)

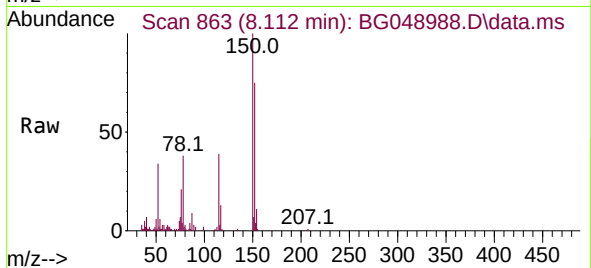
Quant Time: Jun 16 01:02:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration



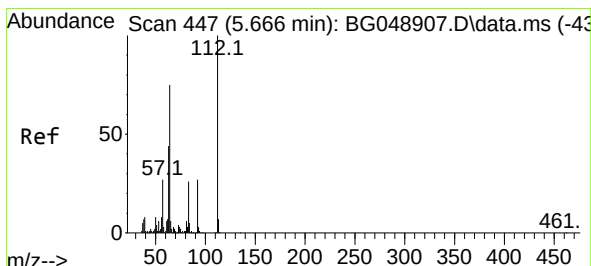
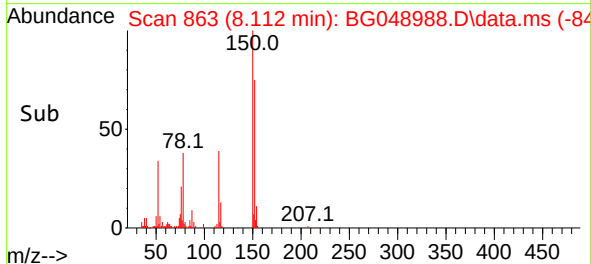
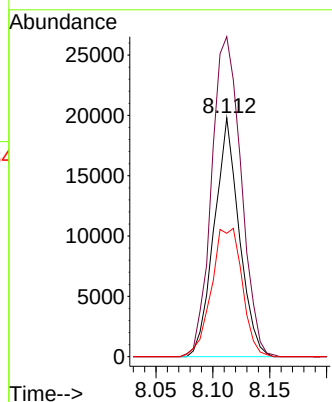


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.112 min Scan# 863
Delta R.T. -0.010 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

Instrument :
BNA_G
ClientSampleId :
17-B6(52-56)

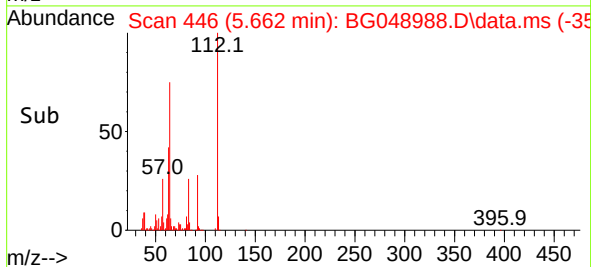
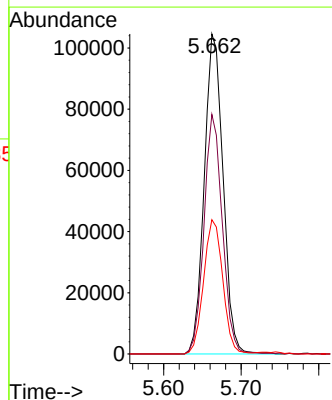
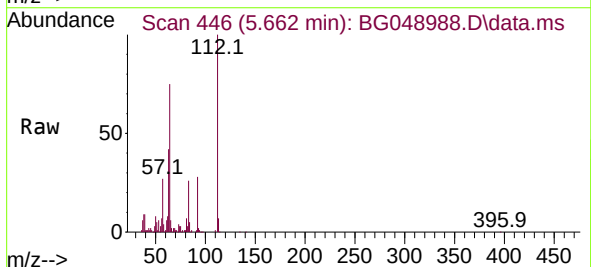


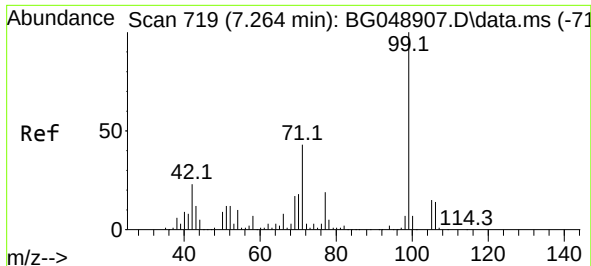
Tgt Ion:152 Resp: 30340
Ion Ratio Lower Upper
152 100
150 133.9 119.4 179.0
115 51.6 60.2 90.4#



#5
2-Fluorophenol
Concen: 90.68 ng
RT: 5.662 min Scan# 446
Delta R.T. -0.004 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

Tgt Ion:112 Resp: 176728
Ion Ratio Lower Upper
112 100
64 74.9 46.7 70.1#
63 42.0 35.3 52.9

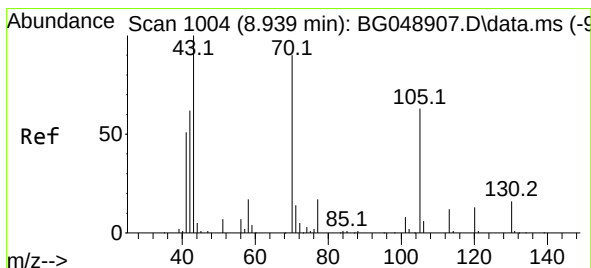
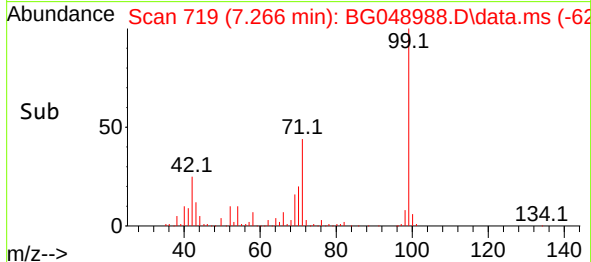
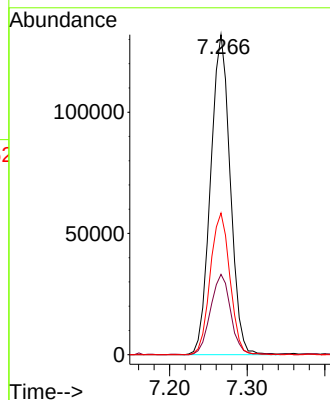
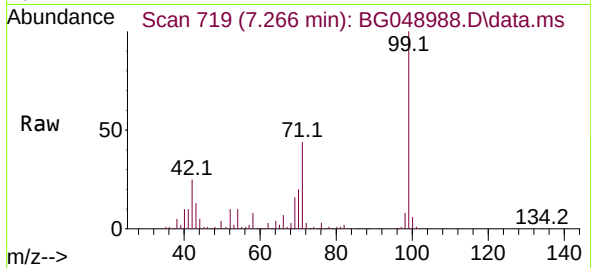




#7
Phenol-d6
Concen: 79.63 ng
RT: 7.266 min Scan# 719
Delta R.T. 0.002 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

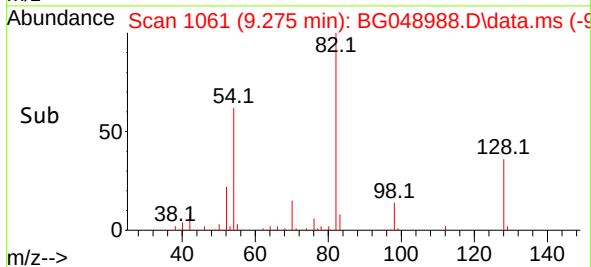
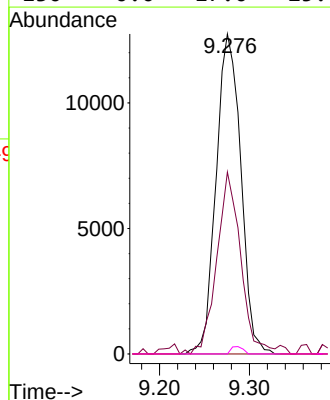
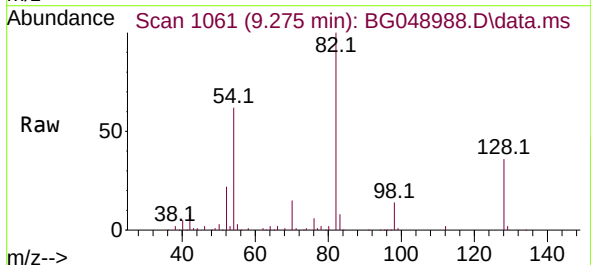
Instrument :
BNA_G
ClientSampled :
17-B6(52-56)

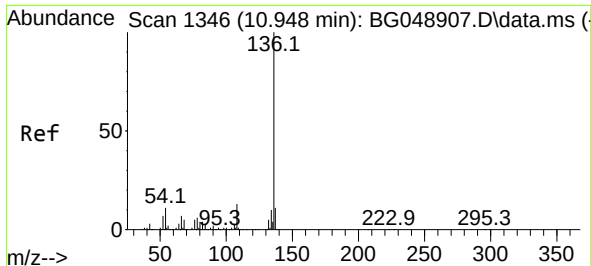
Tgt Ion: 99 Resp: 232621
Ion Ratio Lower Upper
99 100
42 25.1 20.5 30.7
71 44.3 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.65 ng
RT: 9.275 min Scan# 1061
Delta R.T. 0.337 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

Tgt Ion: 70 Resp: 24311
Ion Ratio Lower Upper
70 100
42 56.8 54.5 81.7
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

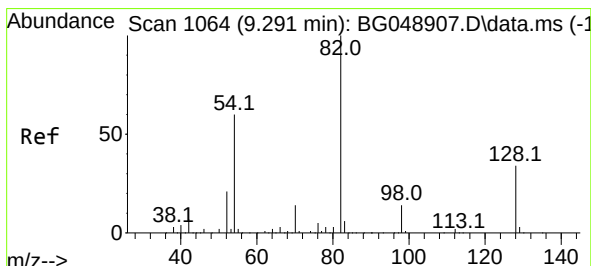
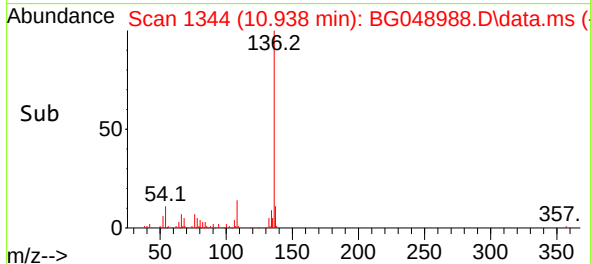
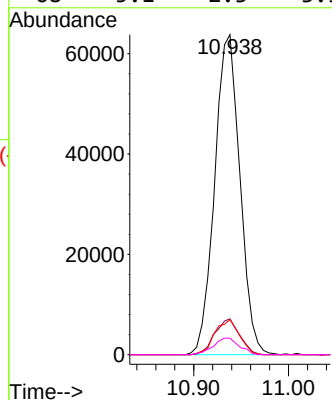
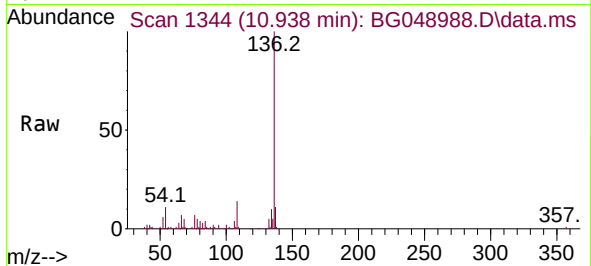




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.938 min Scan# 1344
Delta R.T. -0.010 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

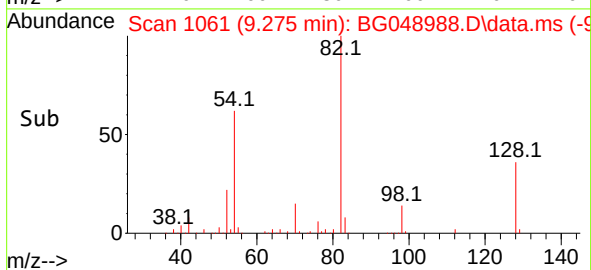
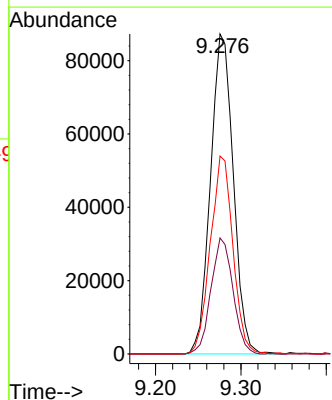
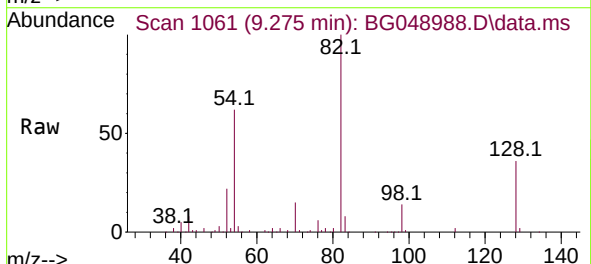
Instrument :
BNA_G
ClientSampleId :
17-B6(52-56)

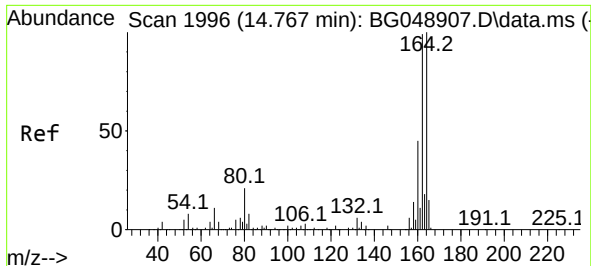
Tgt Ion:	136	Resp:	118128
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.2	12.2
54	11.0	5.5	8.3#
68	5.1	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 59.07 ng
RT: 9.275 min Scan# 1061
Delta R.T. -0.016 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

Tgt Ion:	82	Resp:	161825
Ion Ratio	Lower	Upper	
82	100		
128	36.3	29.8	44.6
54	61.9	45.8	68.8

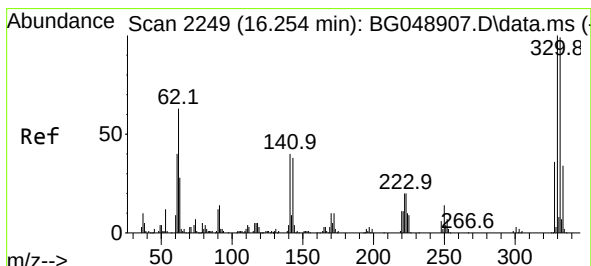
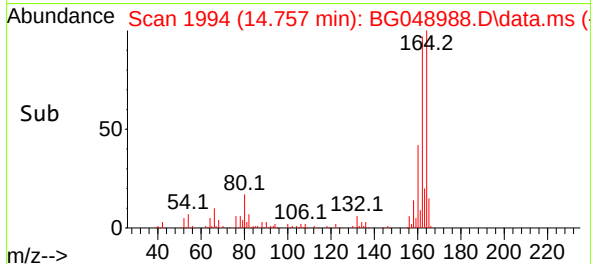
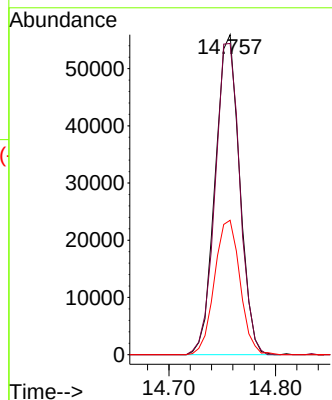
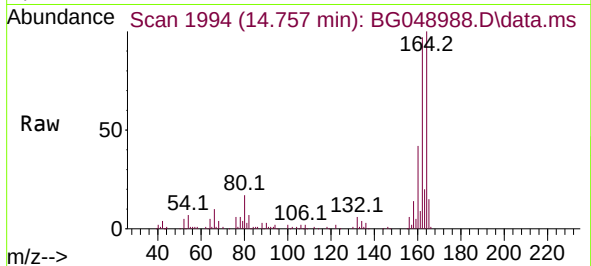




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.757 min Scan# 1994
Delta R.T. -0.010 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

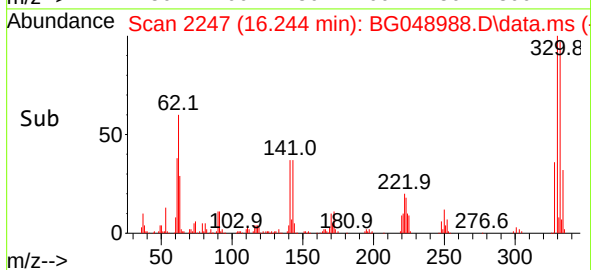
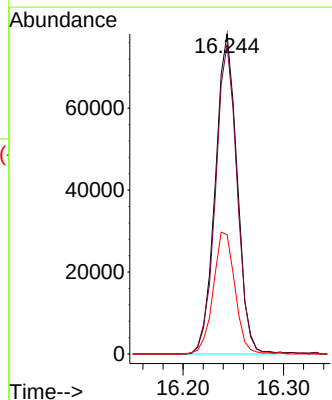
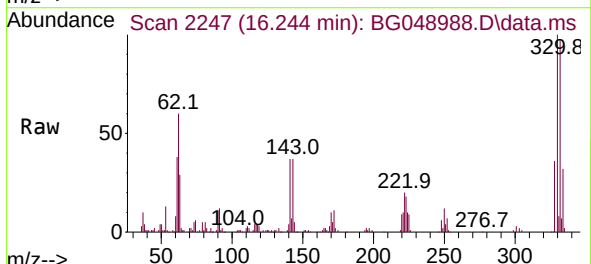
Instrument :
BNA_G
ClientSampleId :
17-B6(52-56)

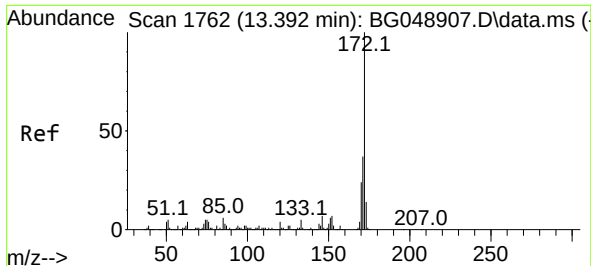
Tgt Ion:164 Resp: 88853
Ion Ratio Lower Upper
164 100
162 97.3 81.4 122.0
160 42.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 89.49 ng
RT: 16.244 min Scan# 2247
Delta R.T. -0.010 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

Tgt Ion:330 Resp: 117811
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 38.0 35.6 53.4

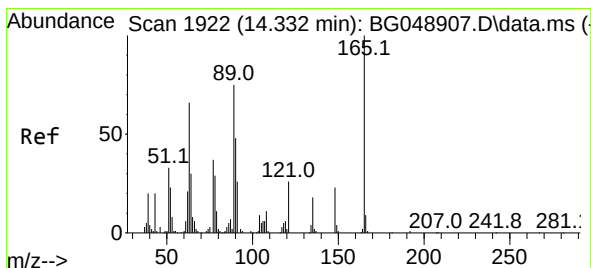
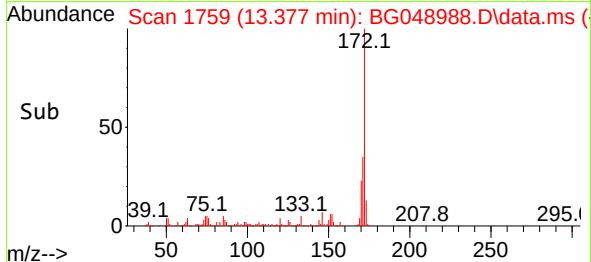
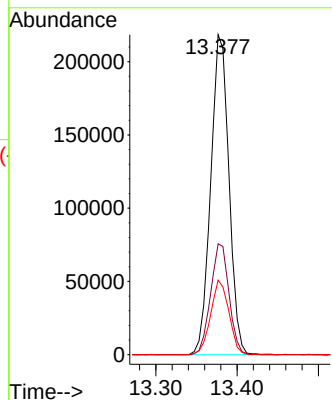
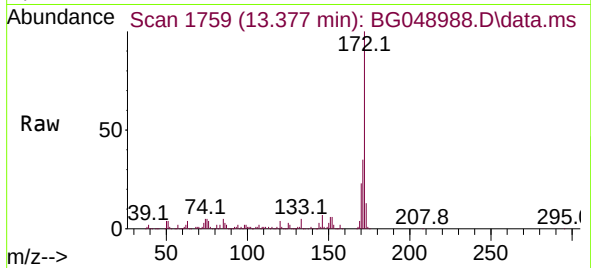




#45
2-Fluorobiphenyl
Concen: 53.95 ng
RT: 13.377 min Scan# 1759
Delta R.T. -0.015 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

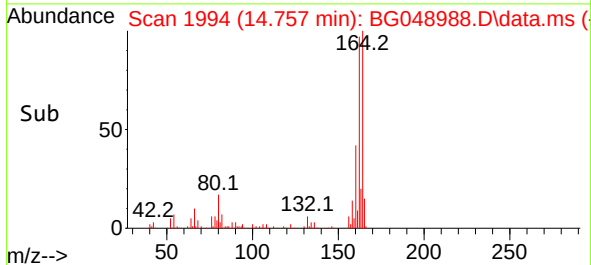
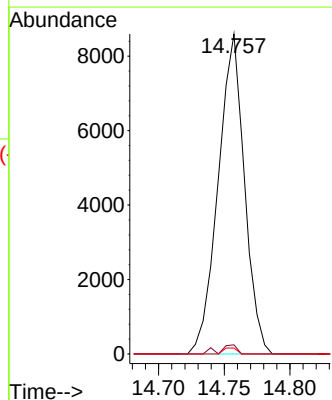
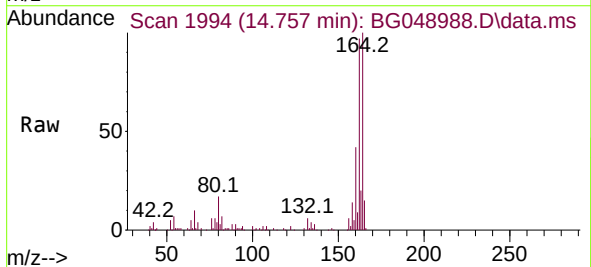
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BNA_G
ClientSampleId :
17-B6(52-56)

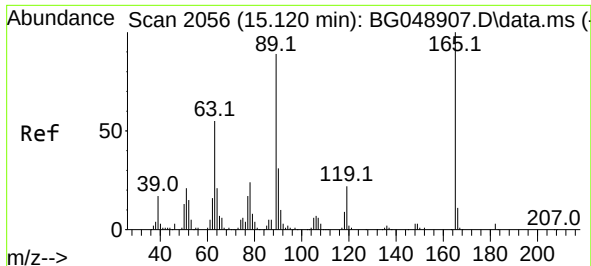
Tgt Ion:172 Resp: 339357
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 23.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.49 ng
RT: 14.757 min Scan# 1994
Delta R.T. 0.425 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

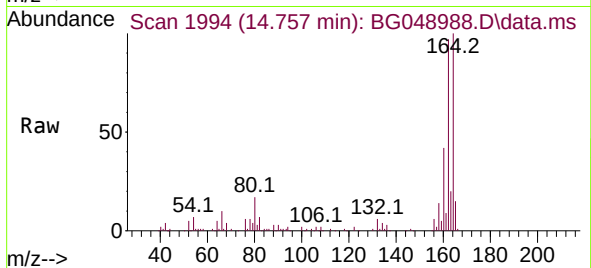
Tgt Ion:165 Resp: 11965
Ion Ratio Lower Upper
165 100
63 2.9 63.3 94.9#
89 1.9 63.4 95.0#



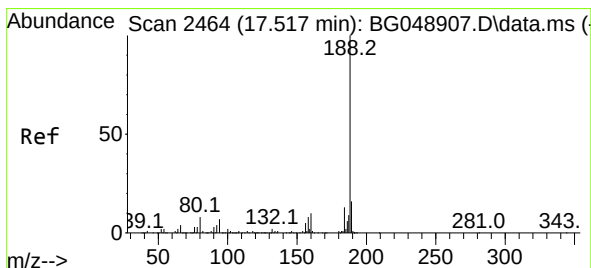
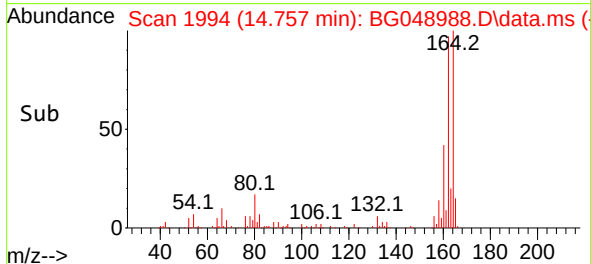
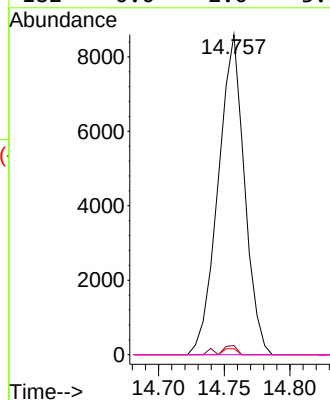


#57
2,4-Dinitrotoluene
Concen: 6.91 ng
RT: 14.757 min Scan# 1994
Delta R.T. -0.362 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

Instrument :
BNA_G
ClientSampled :
17-B6(52-56)

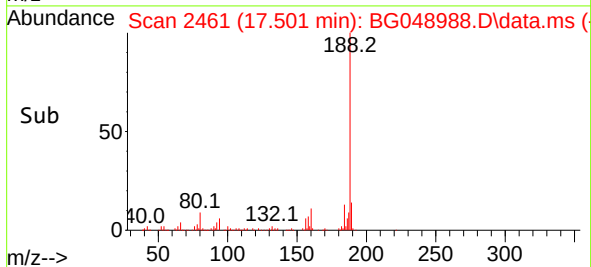
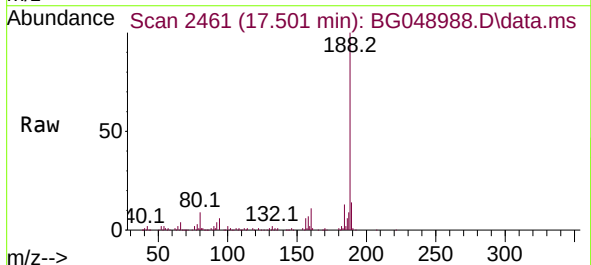
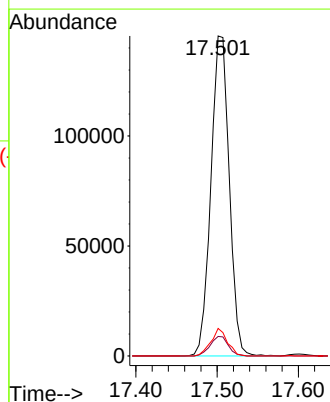


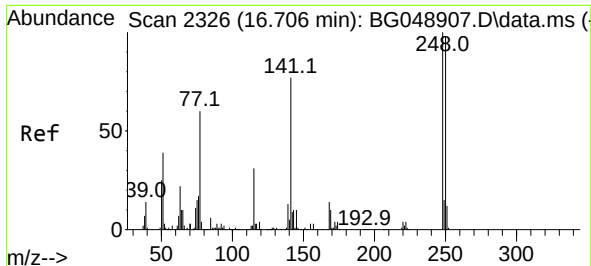
Tgt Ion:165 Resp: 11965
Ion Ratio Lower Upper
165 100
63 2.9 48.0 72.0#
89 1.9 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.501 min Scan# 2461
Delta R.T. -0.016 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

Tgt Ion:188 Resp: 227889
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 8.6 3.7 5.5#

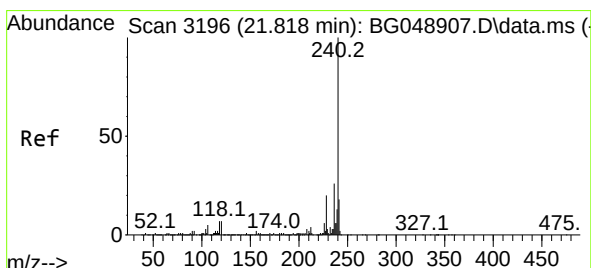
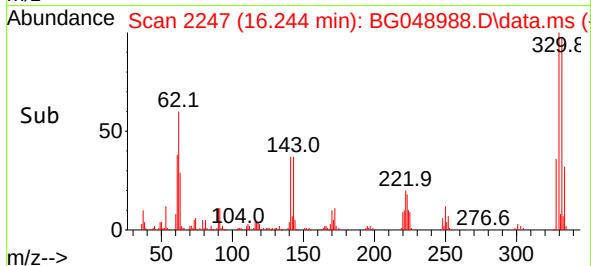
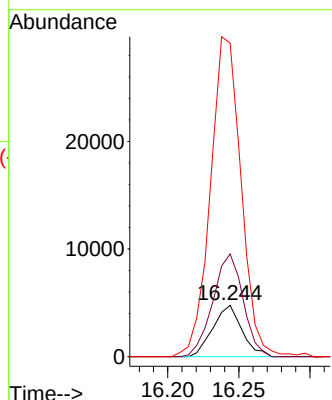
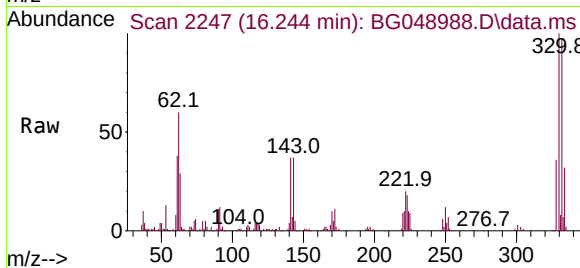




#67
4-Bromophenyl-phenylether
Concen: 2.39 ng
RT: 16.244 min Scan# 2247
Delta R.T. -0.462 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

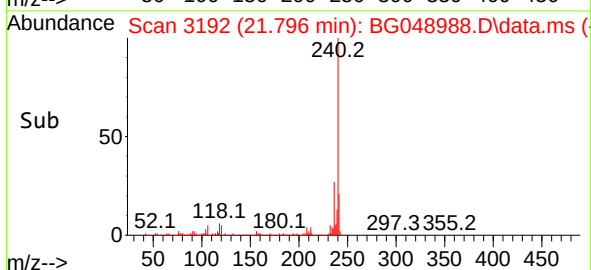
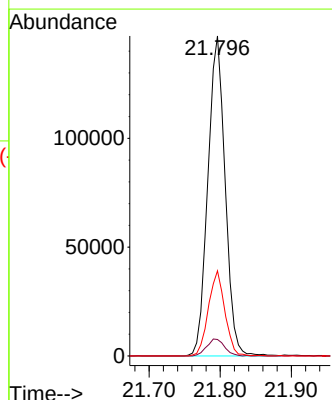
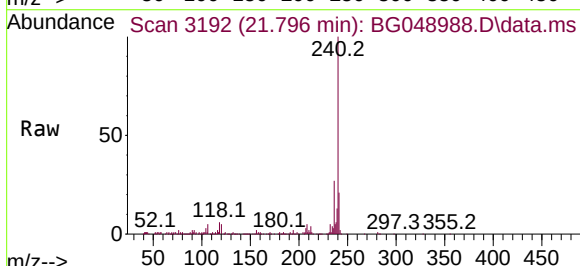
Instrument :
BNA_G
ClientSampleId :
17-B6(52-56)

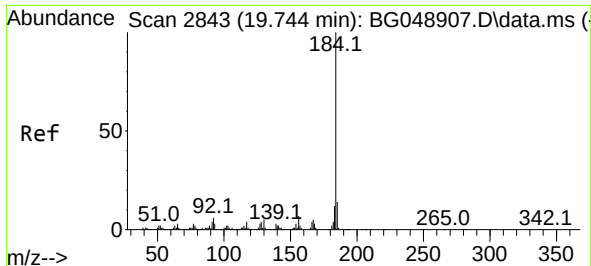
Tgt Ion:248 Resp: 6799
Ion Ratio Lower Upper
248 100
250 199.9 76.1 114.1#
141 610.4 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.796 min Scan# 3192
Delta R.T. -0.022 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

Tgt Ion:240 Resp: 248628
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 26.6 21.8 32.6

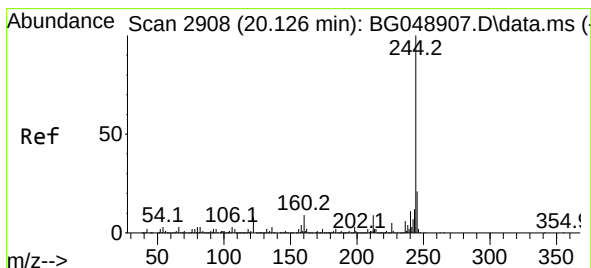
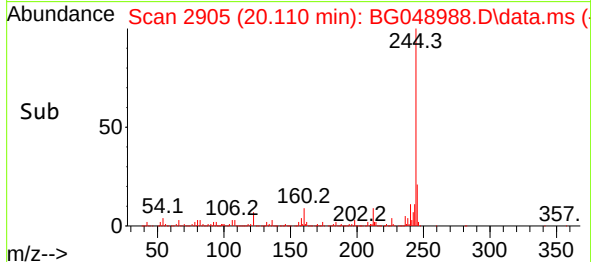
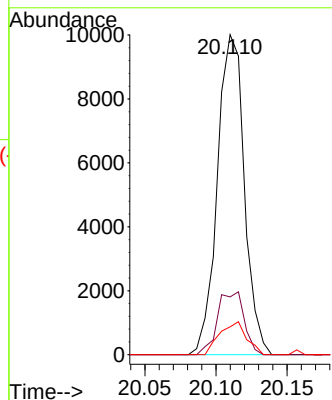
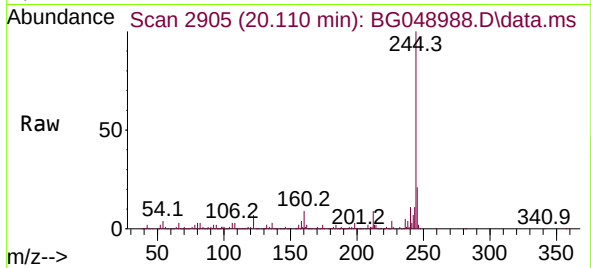




#77
Benzidine
Concen: 2.63 ng
RT: 20.110 min Scan# 2905
Delta R.T. 0.366 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

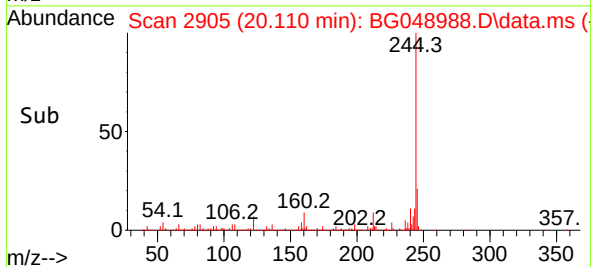
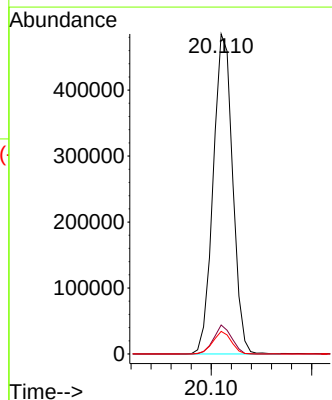
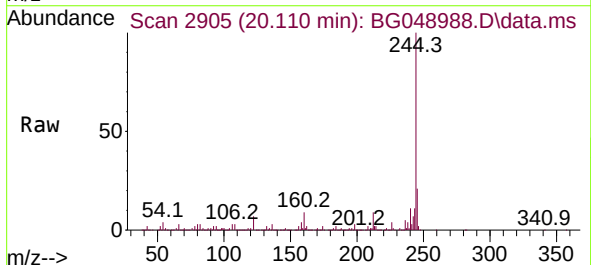
Instrument :
BNA_G
ClientSampleId :
17-B6(52-56)

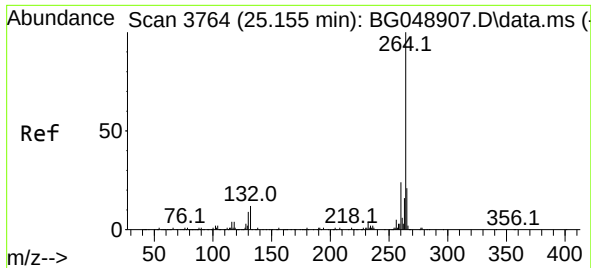
Tgt Ion:184 Resp: 13195
Ion Ratio Lower Upper
184 100
185 18.0 10.7 16.1#
183 8.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 48.04 ng
RT: 20.110 min Scan# 2905
Delta R.T. -0.016 min
Lab File: BG048988.D
Acq: 15 Jun 2021 22:06

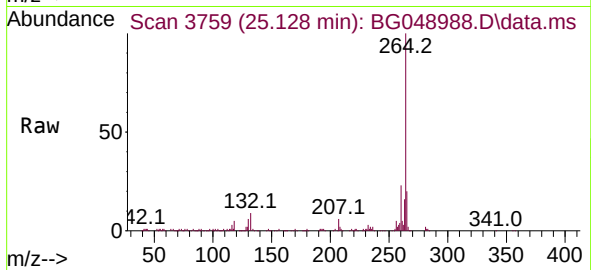
Tgt Ion:244 Resp: 652228
Ion Ratio Lower Upper
244 100
212 9.1 6.9 10.3
122 7.1 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.128 min Scan# 3759
 Delta R.T. -0.028 min
 Lab File: BG048988.D
 Acq: 15 Jun 2021 22:06

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(52-56)



Tgt Ion:264 Resp: 263396

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	20.0	16.9	25.3

