

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
 Data File : BG035544.D
 Acq On : 30 Jun 2018 16:08
 Operator : JU/SJ
 Sample : J3758-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 02:29:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

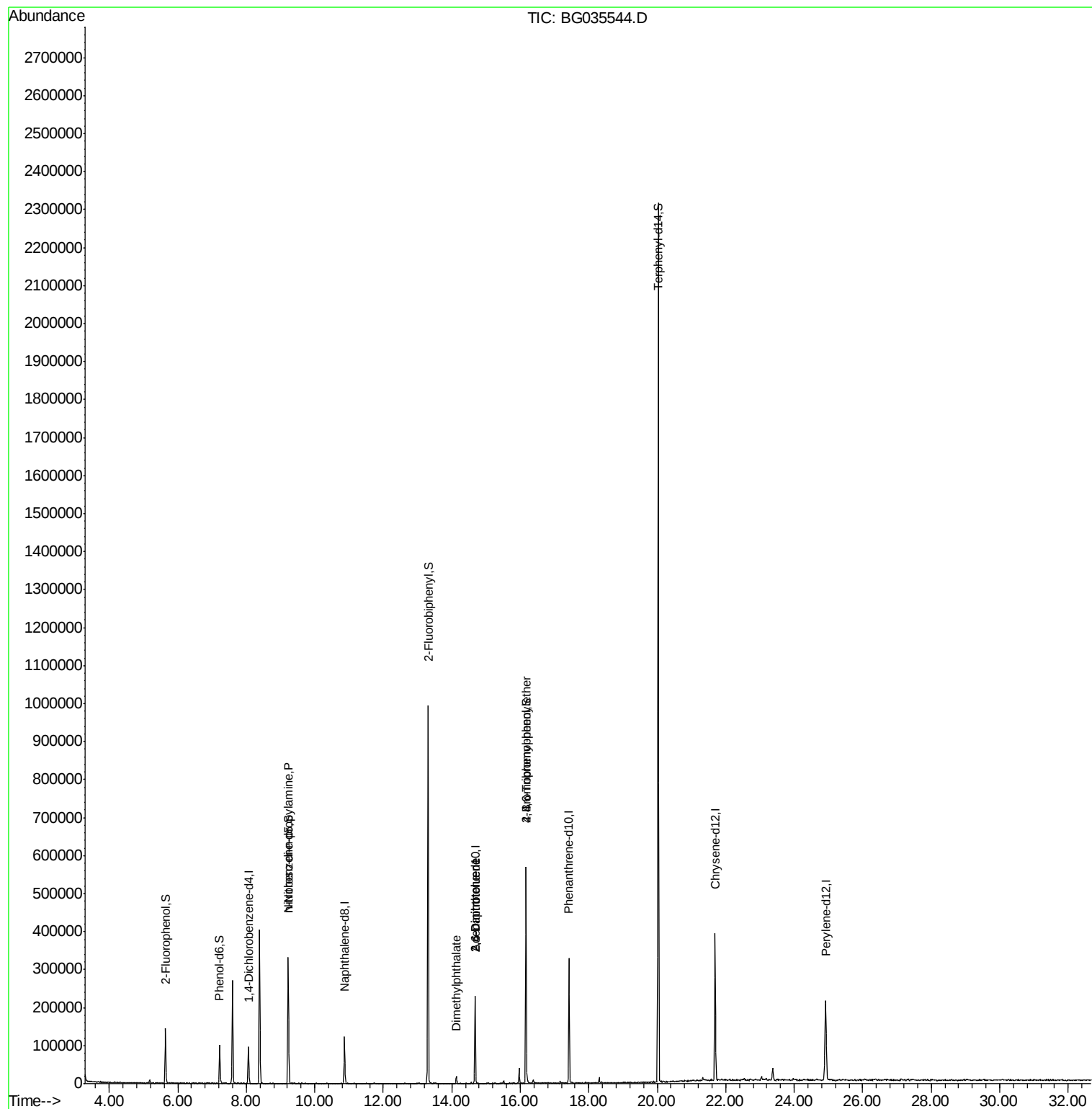
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27343	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	102799	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	76500	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	219613	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	251915	20.00	ng	-0.02
86) Perylene-d12	24.92	264	232677	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	64921	40.07	ng	0.00
7) Phenol-d6	7.22	99	61229	25.60	ng	0.00
23) Nitrobenzene-d5	9.23	82	228044	105.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	112252	114.63	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	552797	93.94	ng	-0.02
78) Terphenyl-d14	20.03	244	1093913	90.96	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	30316	14.922	ng	# 66
49) Dimethylphthalate	14.13	163	14361	2.153	ng	# 94
50) 2,6-Dinitrotoluene	14.68	165	11390	9.359	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	11390	7.045	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	8404	3.178	ng	# 1

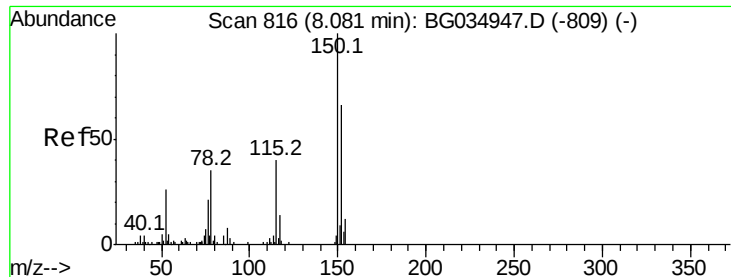
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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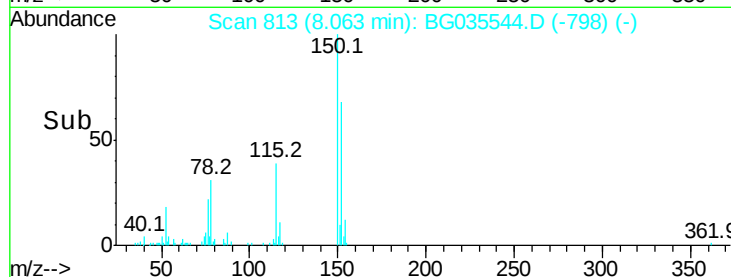
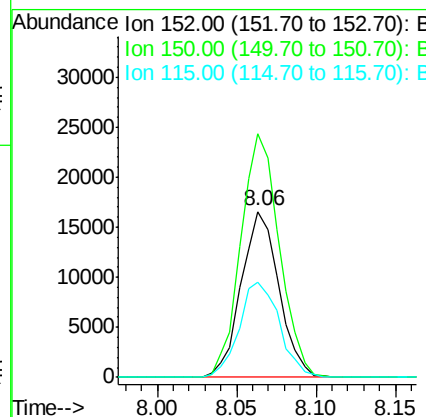
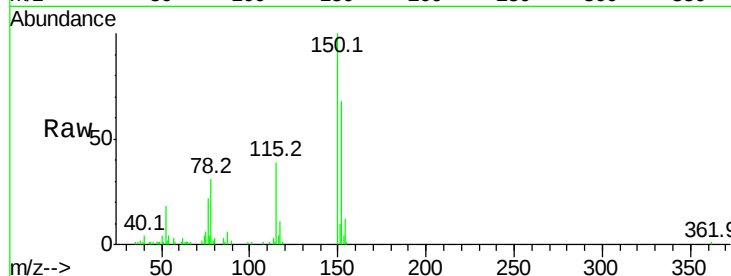


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035544.D
Acq: 30 Jun 2018 16:08

Instrument :
BNA_G
ClientSampleId :

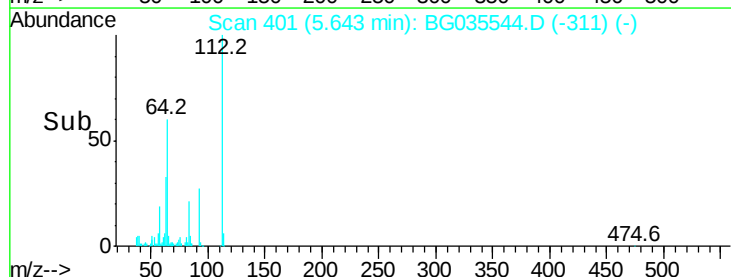
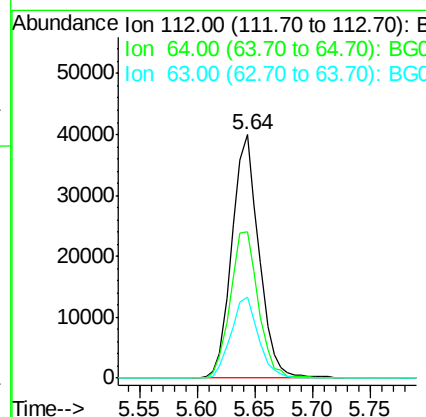
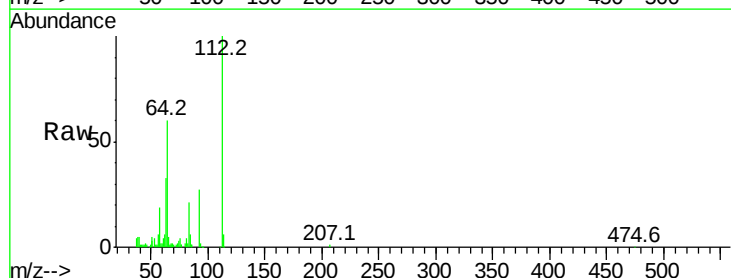
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	126.6	189.8
115	57.6	53.0	79.4

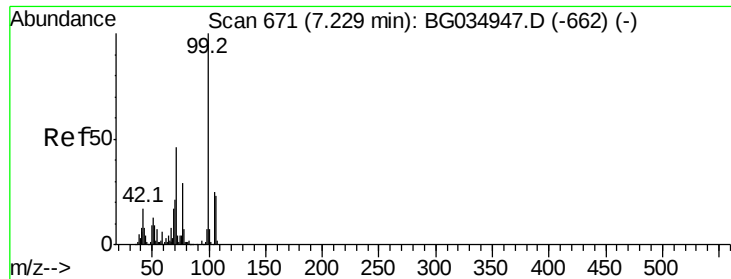


#5

2-Fluorophenol
Concen: 40.069 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035544.D
Acq: 30 Jun 2018 16:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	56.3	84.5
63	33.5	30.1	45.1





#7

Phenol-d6

Concen: 25.604 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035544.D

Acq: 30 Jun 2018 16:08

Instrument :

BNA_G

ClientSampleId :

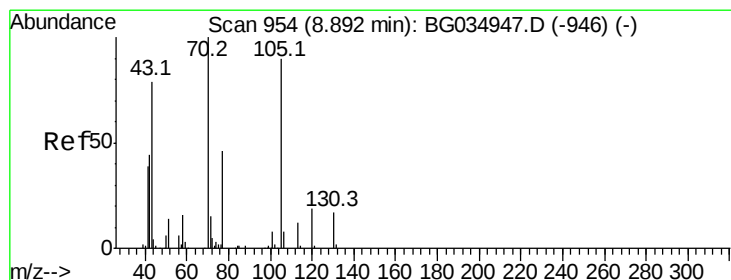
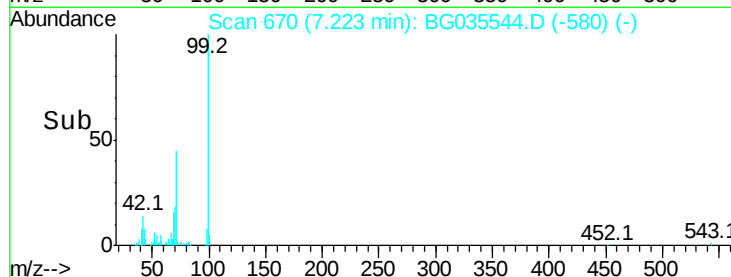
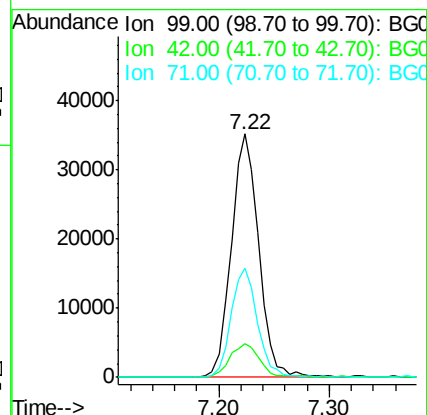
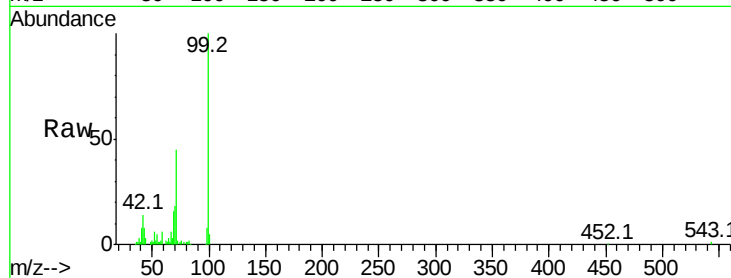
Tot Ion: 99 Resp: 61229

Ion Ratio Lower Upper

99 100

42 13.7 14.1 21.1#

71 44.6 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.922 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035544.D

Acq: 30 Jun 2018 16:08

Tgt Ion: 70 Resp: 30316

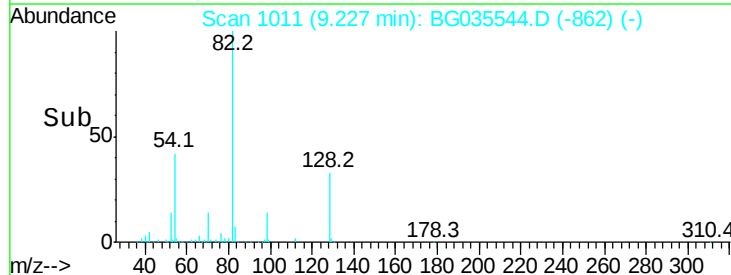
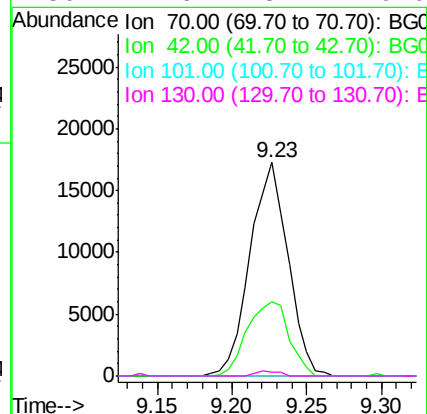
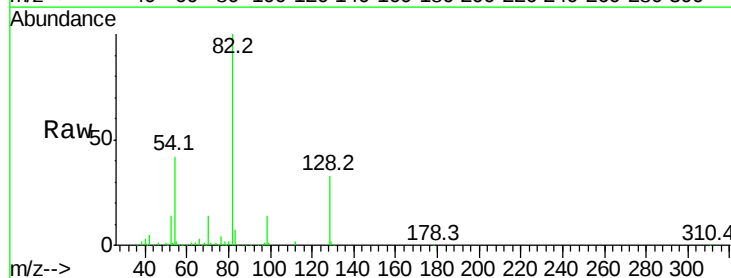
Ion Ratio Lower Upper

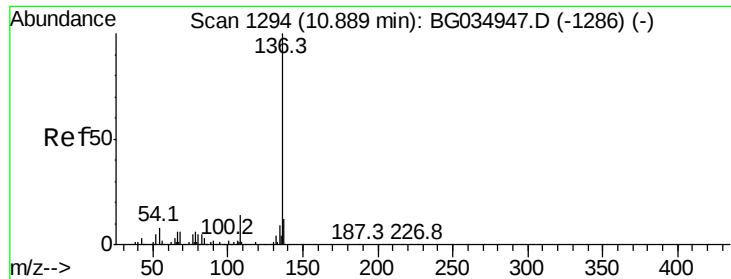
70 100

42 34.6 49.1 73.7#

101 0.0 8.5 12.7#

130 1.6 13.4 20.0#

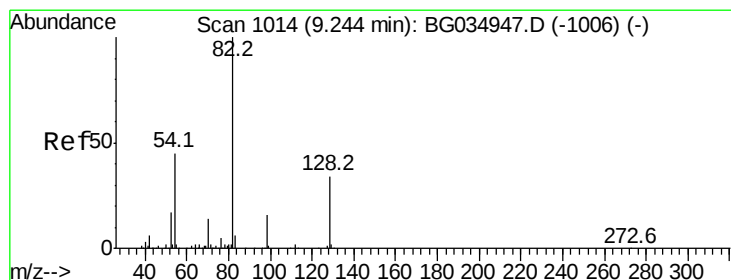
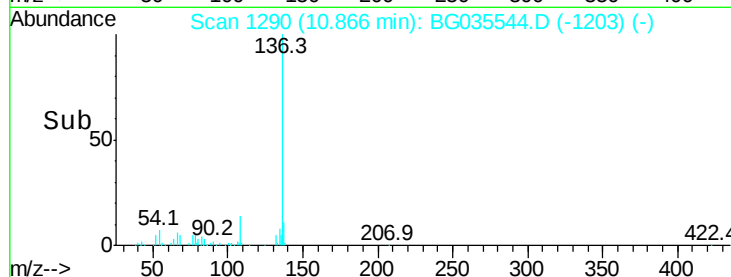
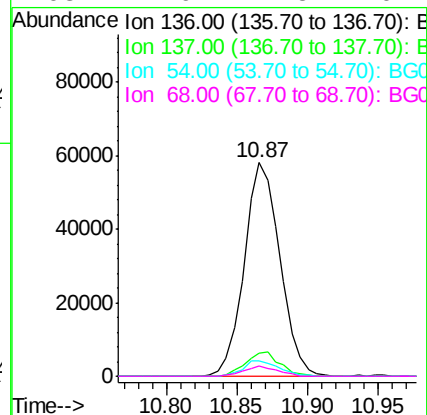
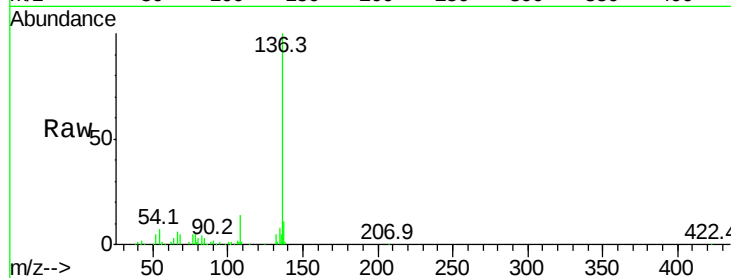




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035544.D
Acq: 30 Jun 2018 16:08

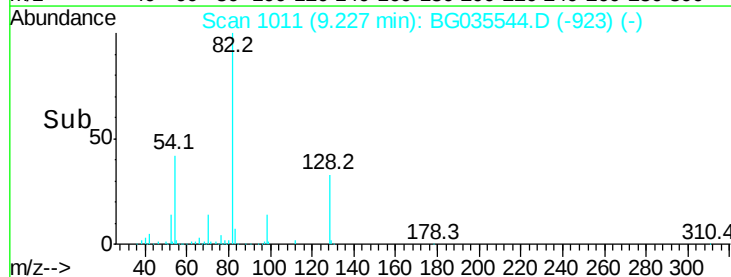
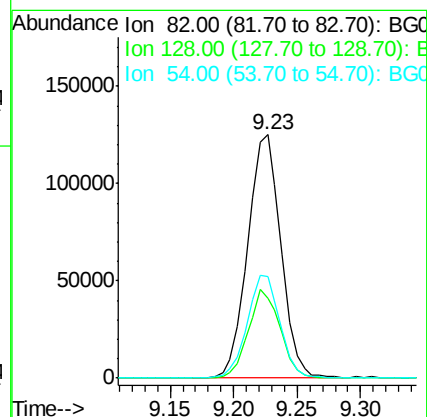
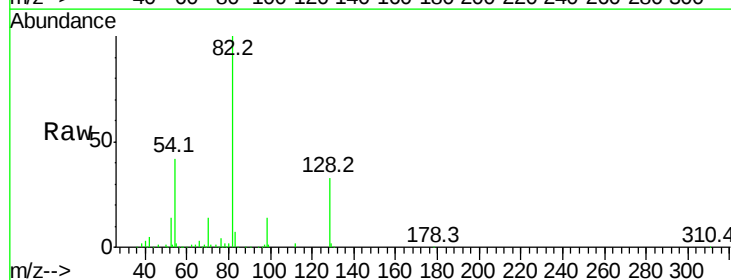
Instrument :
BNA_G
ClientSampleId :

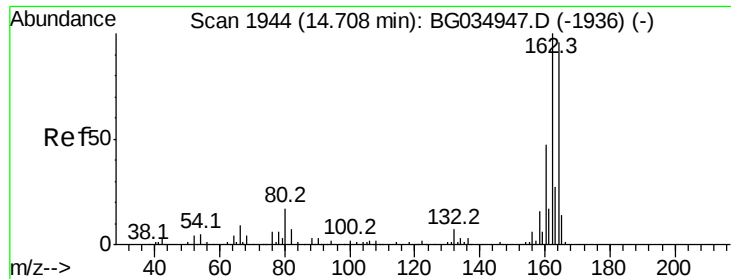
Tot Ion:	136	Resp:	102799
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.2	10.3	15.5#
68	4.9	4.5	6.7



#23
Nitrobenzene-d5
Concen: 105.448 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035544.D
Acq: 30 Jun 2018 16:08

Tgt Ion:	82	Resp:	228044
Ion	Ratio	Lower	Upper
82	100		
128	32.7	29.7	44.5
54	41.7	43.1	64.7#

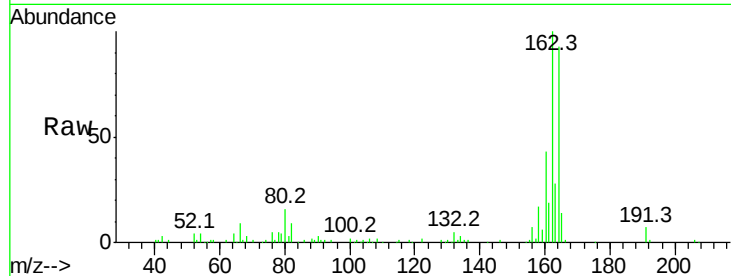




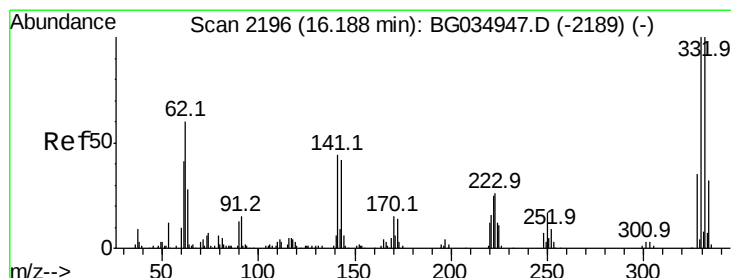
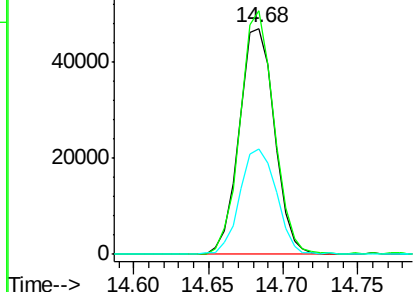
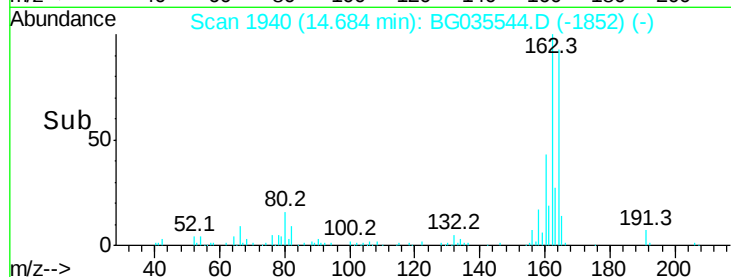
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035544.D
 Acq: 30 Jun 2018 16:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 76500
 Ion Ratio Lower Upper
 164 100
 162 107.7 78.8 118.2
 160 46.8 35.4 53.0

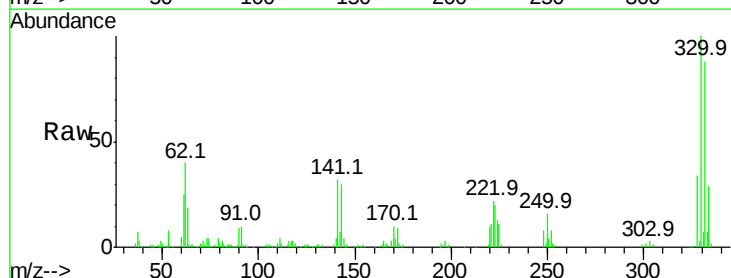


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

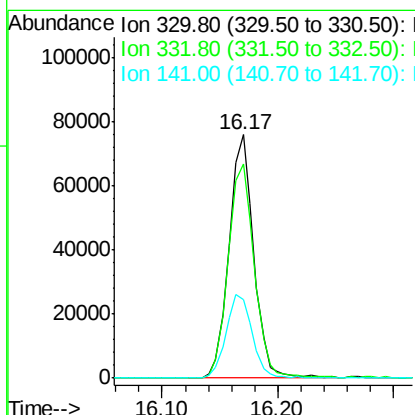
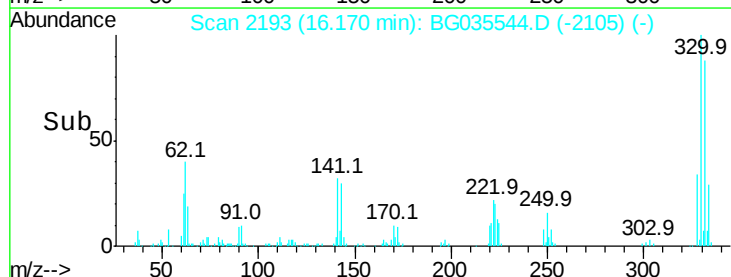


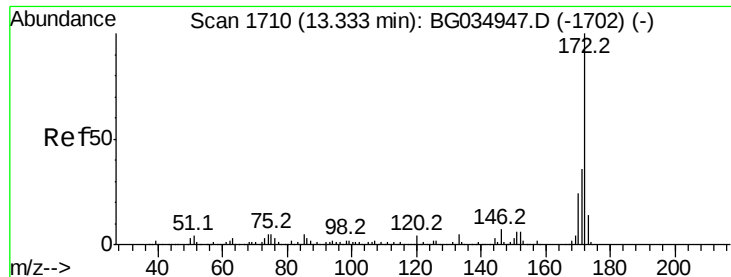
#41
 2,4,6-Tribromophenol
 Concen: 114.625 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035544.D
 Acq: 30 Jun 2018 16:08

Tgt Ion:330 Resp: 112252
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.0 115.6
 141 36.5 25.2 37.8



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

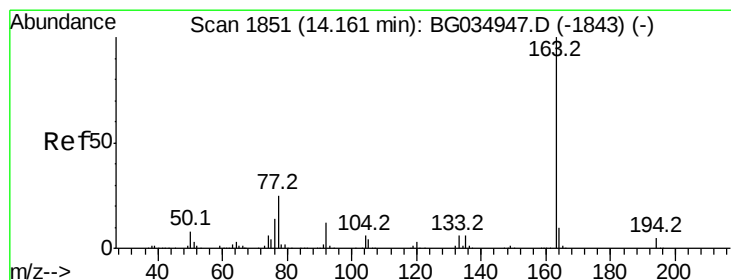
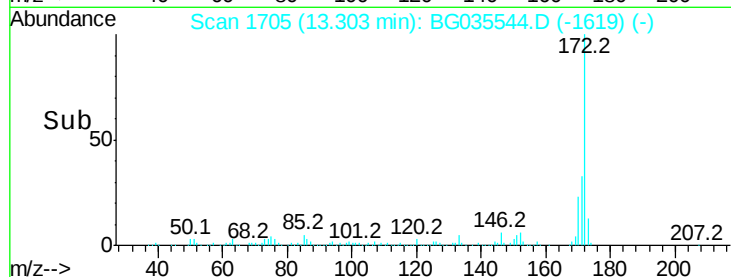
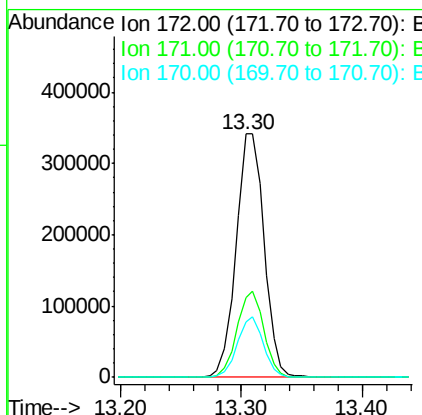
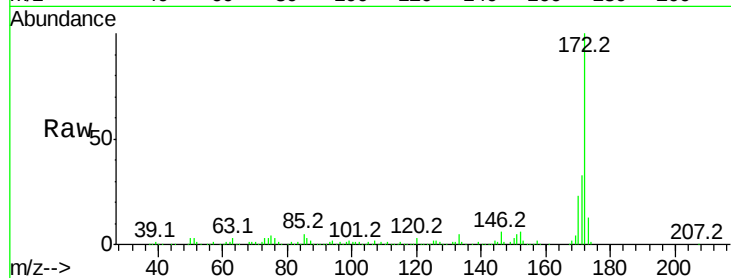




#44
2-Fluorobiphenyl
Concen: 93.939 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035544.D
Acq: 30 Jun 2018 16:08

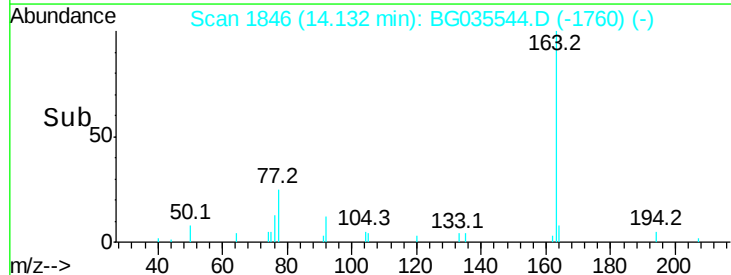
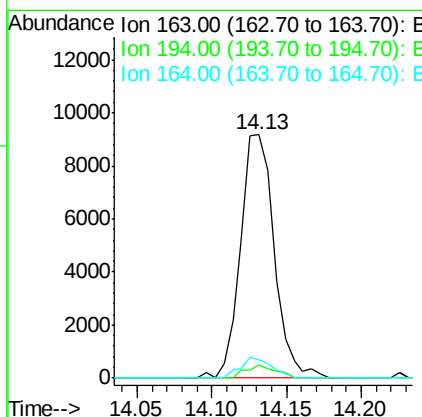
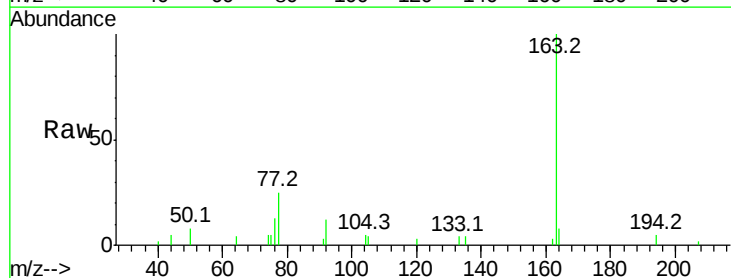
Instrument :
BNA_G
ClientSampleId :

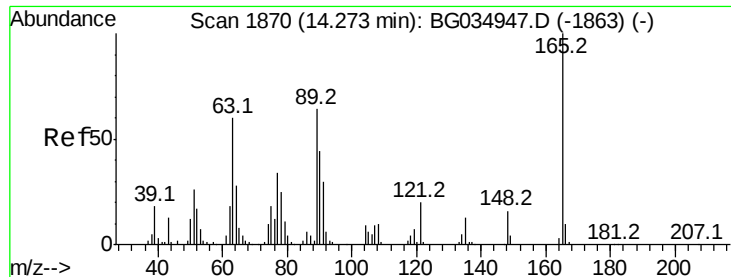
Tot Ion:172 Resp: 552797
Ion Ratio Lower Upper
172 100
171 32.7 30.0 45.0
170 22.9 19.5 29.3



#49
Dimethylphthalate
Concen: 2.153 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG035544.D
Acq: 30 Jun 2018 16:08

Tgt Ion:163 Resp: 14361
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 7.7 8.2 12.4#

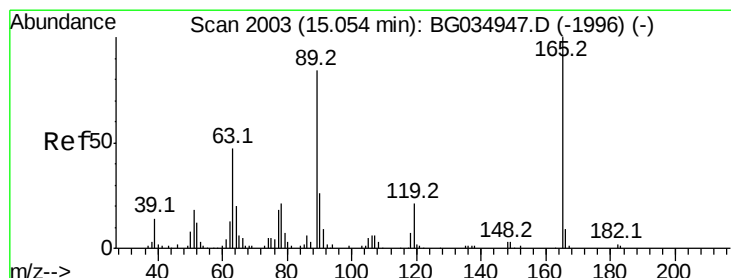
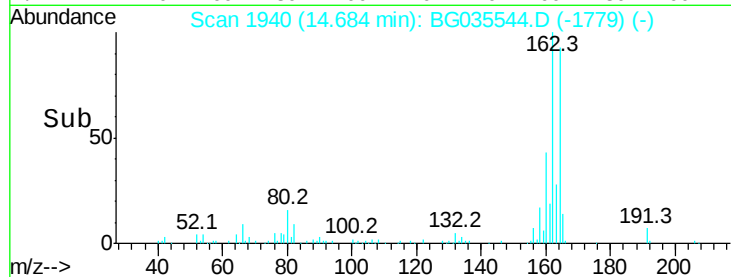
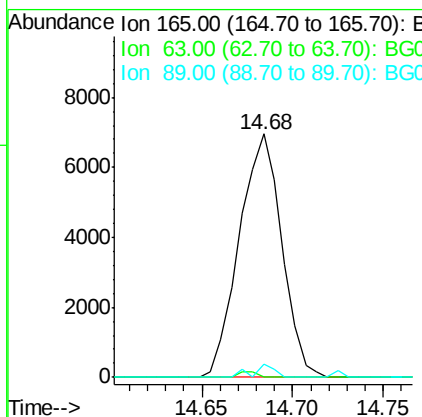
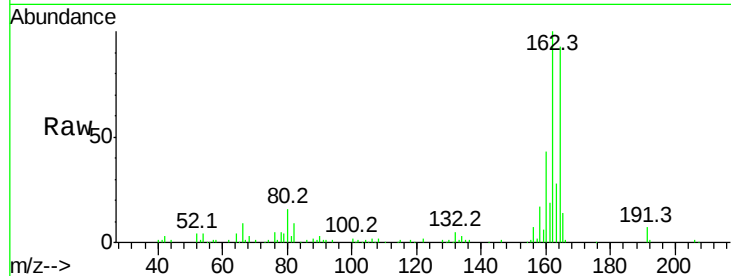




#50
 2,6-Dinitrotoluene
 Concen: 9.359 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG035544.D
 Acq: 30 Jun 2018 16:08

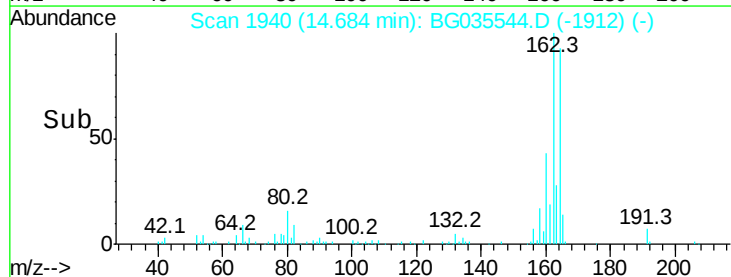
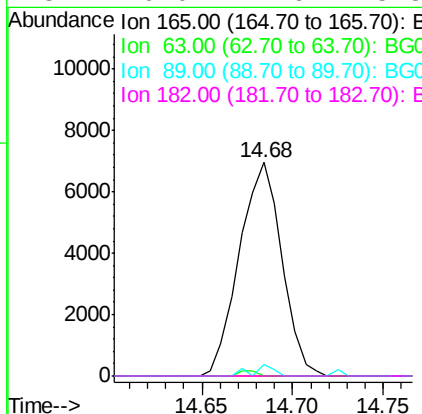
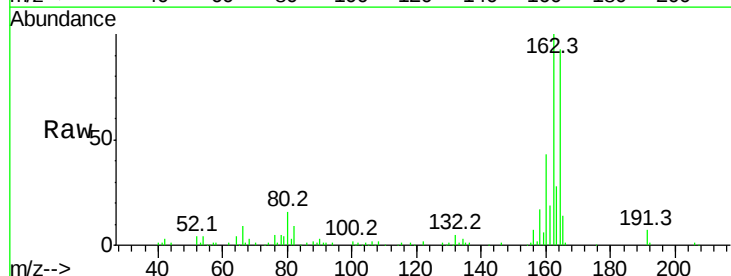
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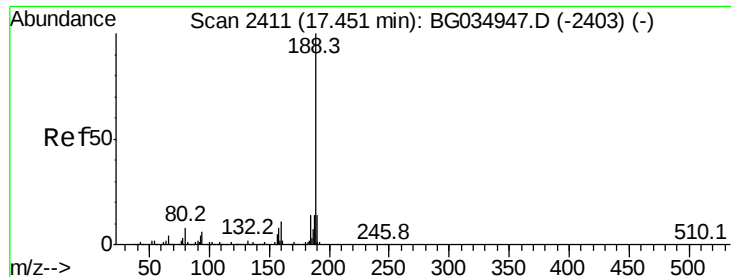
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	5.3	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 7.045 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.37 min
 Lab File: BG035544.D
 Acq: 30 Jun 2018 16:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	5.3	66.9	100.3#
182	0.0	2.6	3.8#

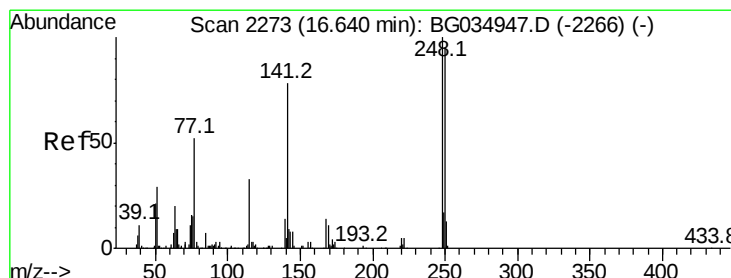
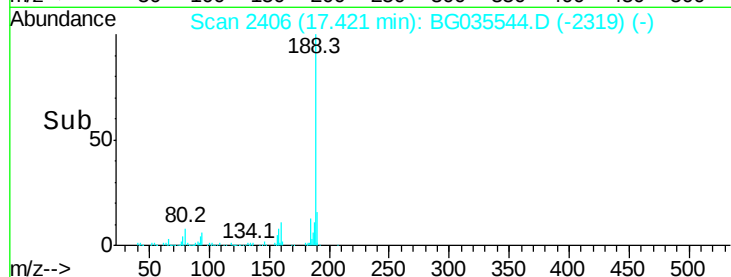
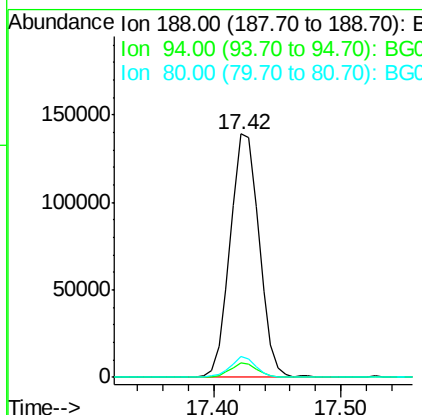
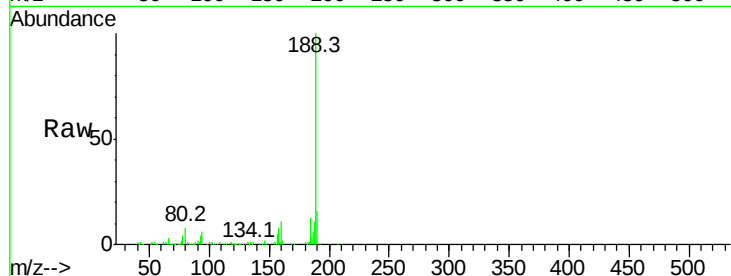




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035544.D
 Acq: 30 Jun 2018 16:08

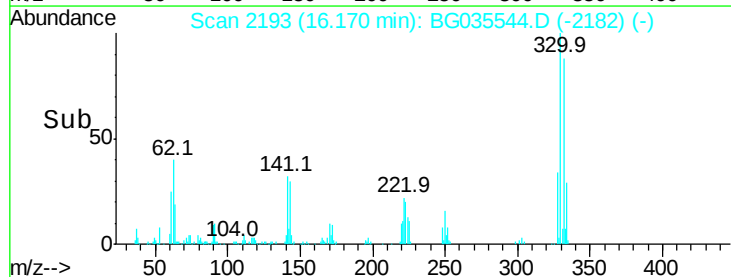
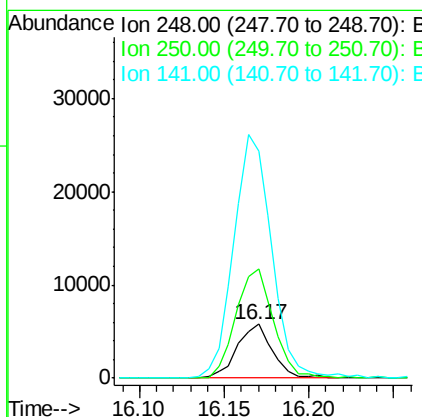
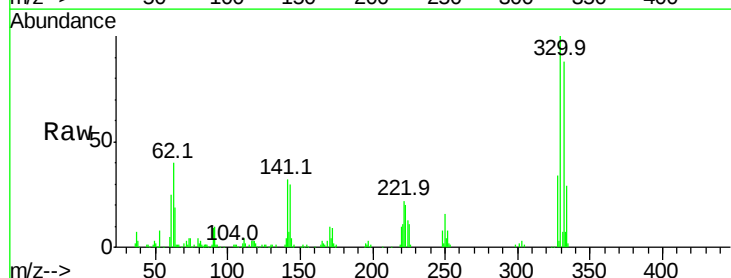
Instrument :
 BNA_G
 ClientSampleId :

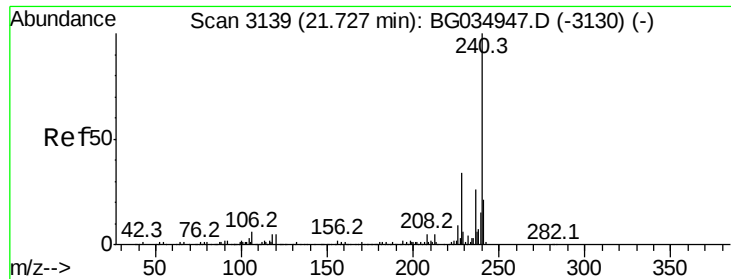
Tot Ion:188 Resp: 219613
 Ion Ratio Lower Upper
 188 100
 94 5.8 6.9 10.3#
 80 8.4 7.7 11.5



#66
 4-Bromophenyl-phenylether
 Concen: 3.178 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.47 min
 Lab File: BG035544.D
 Acq: 30 Jun 2018 16:08

Tgt Ion:248 Resp: 8404
 Ion Ratio Lower Upper
 248 100
 250 204.7 77.1 115.7#
 141 422.8 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035544.D

Acq: 30 Jun 2018 16:08

Instrument :

BNA_G

ClientSampleId :

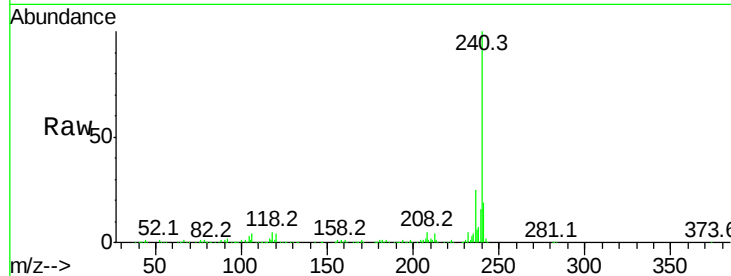
Tot Ion:240 Resp: 251915

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

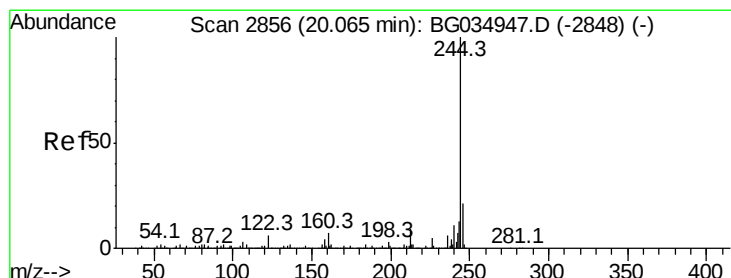
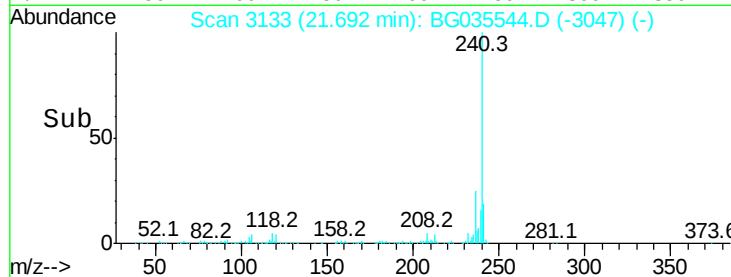
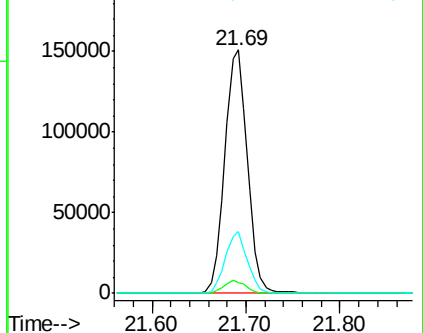
236 25.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 90.959 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035544.D

Acq: 30 Jun 2018 16:08

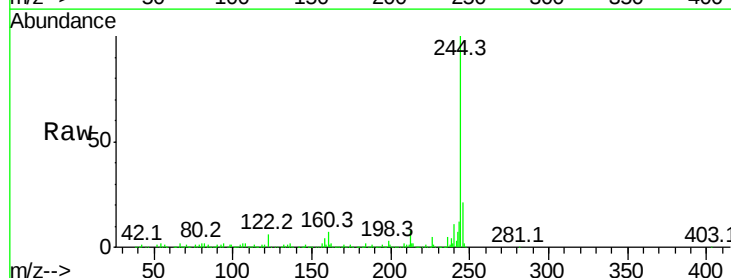
Tgt Ion:244 Resp: 1093913

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

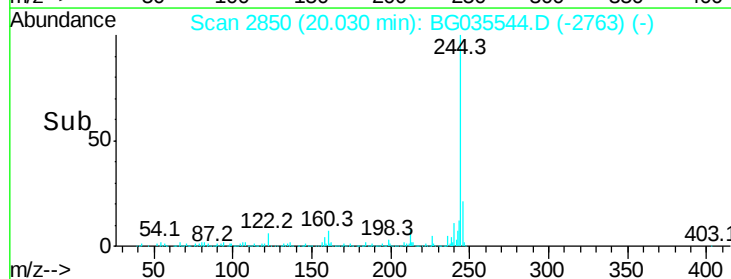
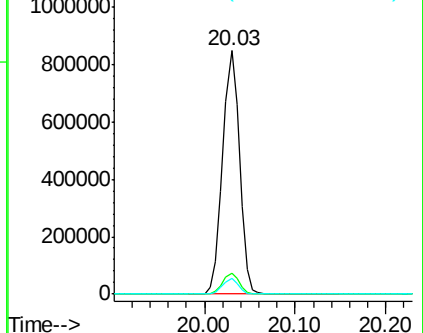
122 6.3 7.0 10.4#

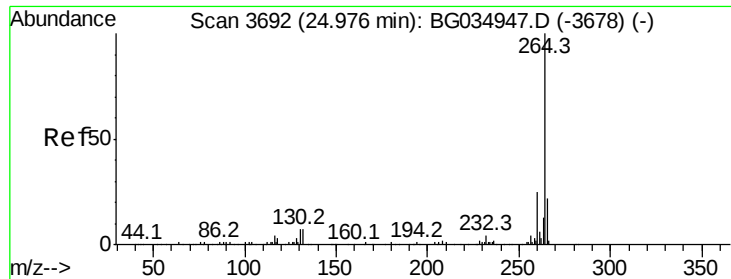


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.04 min
 Lab File: BG035544.D
 Acq: 30 Jun 2018 16:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.9	17.7	26.5

