

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
 Data File : BG035522.D
 Acq On : 30 Jun 2018 1:55
 Operator : JU/SJ
 Sample : J3773-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 00:55:12 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

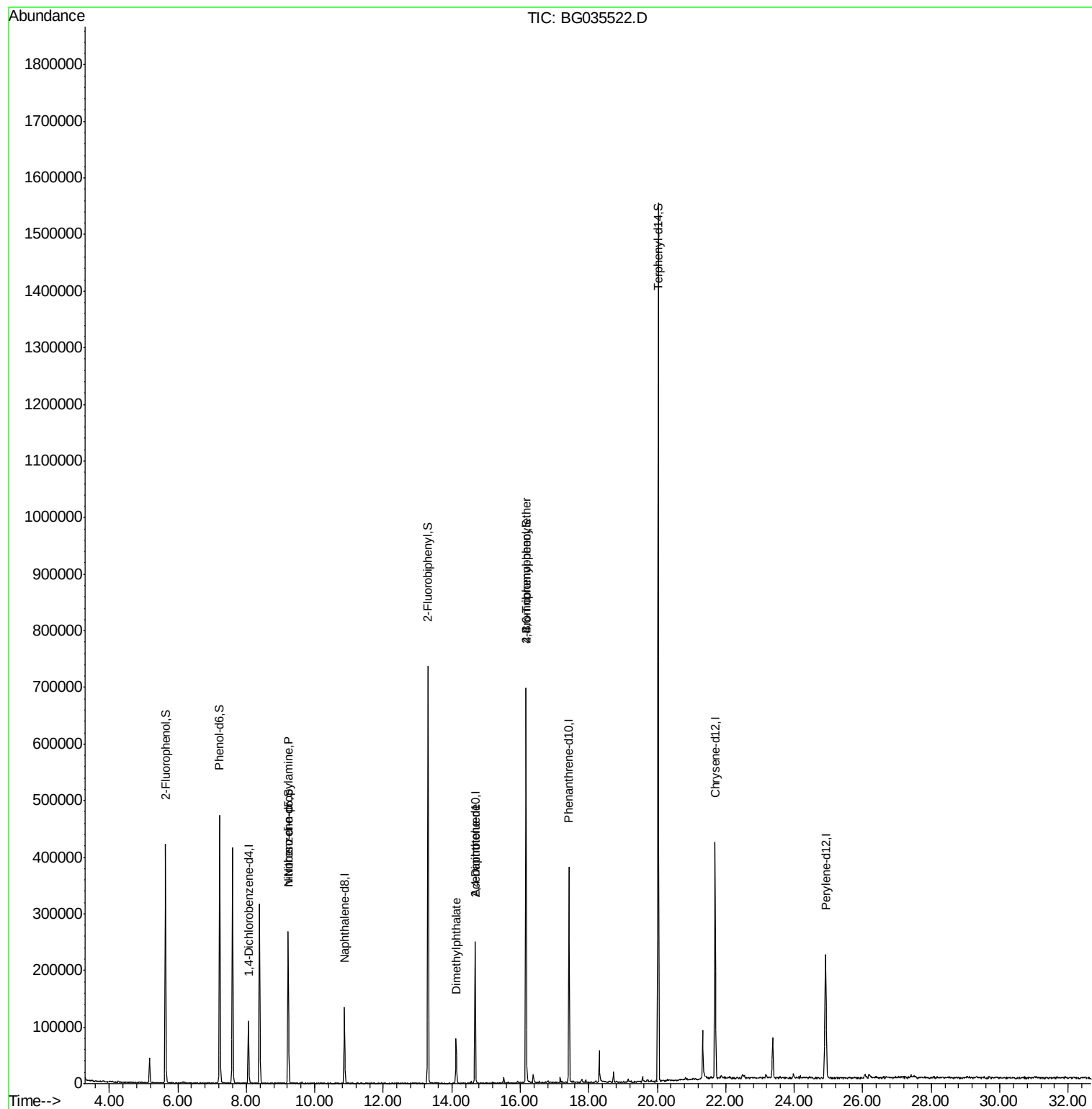
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	29395	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	113772	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	87674	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	246228	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	266755	20.00	ng	-0.02
86) Perylene-d12	24.92	264	252665	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	186891	107.30	ng	0.00
7) Phenol-d6	7.22	99	280524	109.12	ng	0.00
23) Nitrobenzene-d5	9.22	82	177108	74.00	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	138275	123.20	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	410084	60.81	ng	-0.02
78) Terphenyl-d14	20.03	244	743460	58.38	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	25283	11.576	ng	# 60
49) Dimethylphthalate	14.13	163	53441	6.990	ng	# 99
56) 2,4-Dinitrotoluene	14.68	165	11512	6.213	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	10586	3.570	ng	# 1

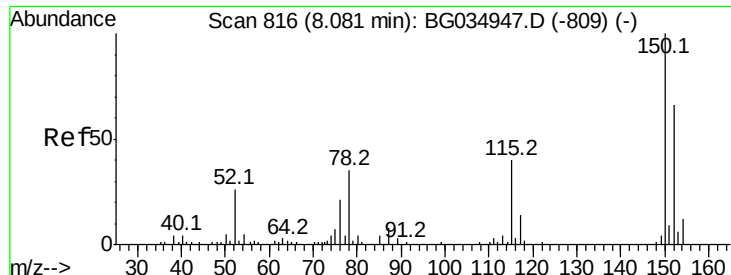
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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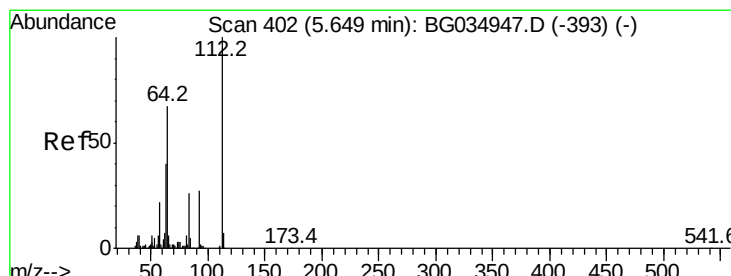
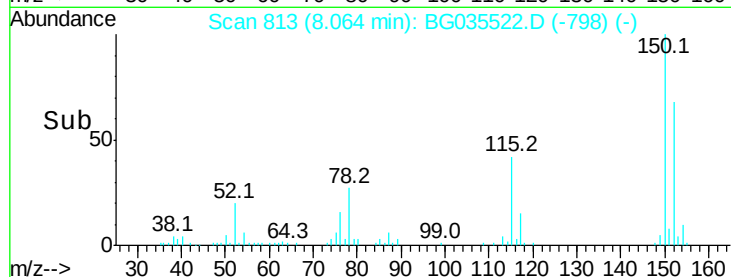
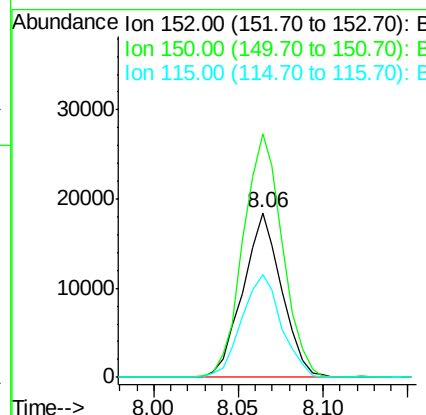
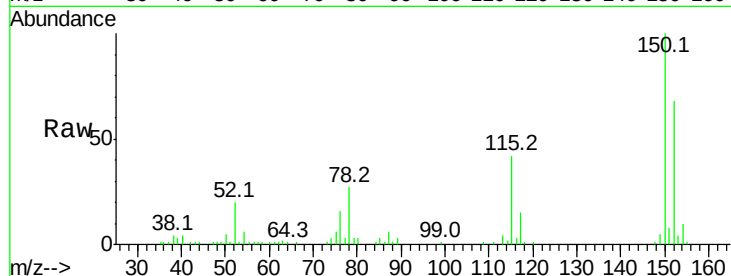


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035522.D
Acq: 30 Jun 2018 1:55

Instrument :
BNA_G
ClientSampleId :

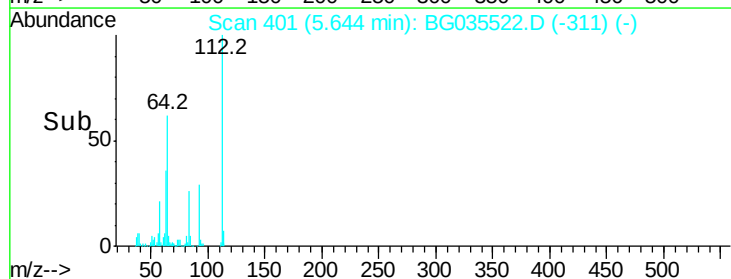
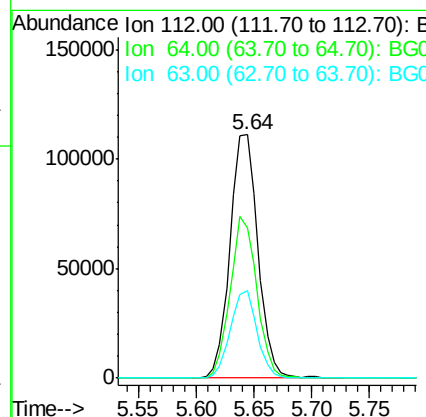
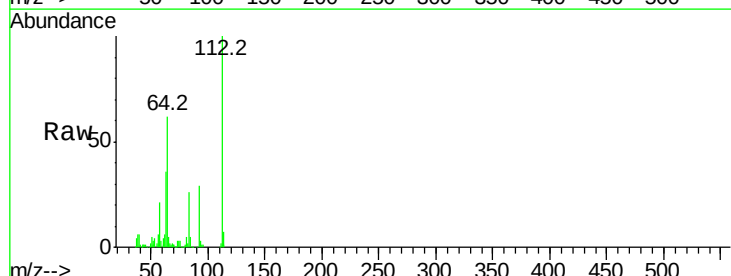
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	126.6	189.8
115	62.6	53.0	79.4

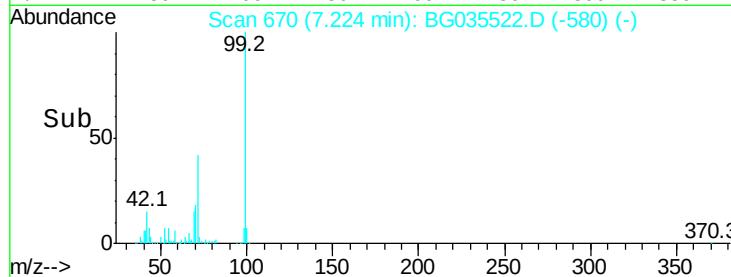
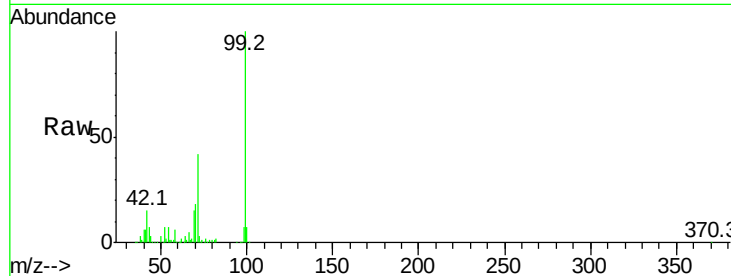
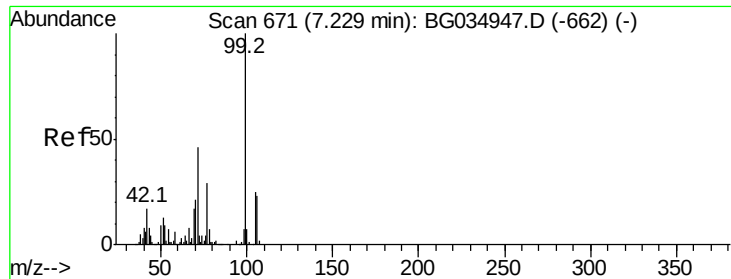


#5

2-Fluorophenol
Concen: 107.297 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035522.D
Acq: 30 Jun 2018 1:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	56.3	84.5
63	35.8	30.1	45.1





#7

Phenol-d6

Concen: 109.119 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035522.D

Acq: 30 Jun 2018 1:55

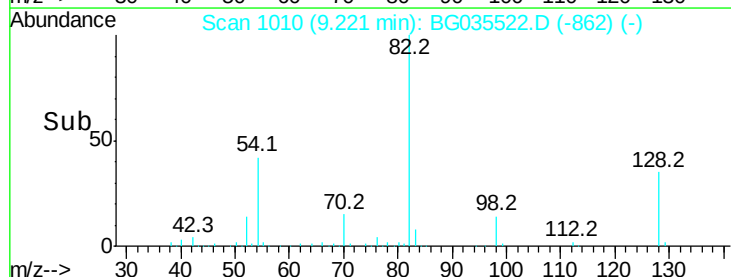
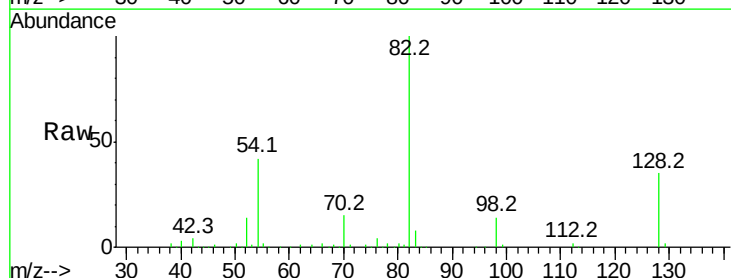
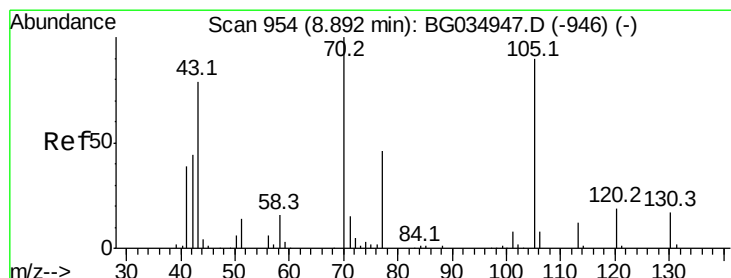
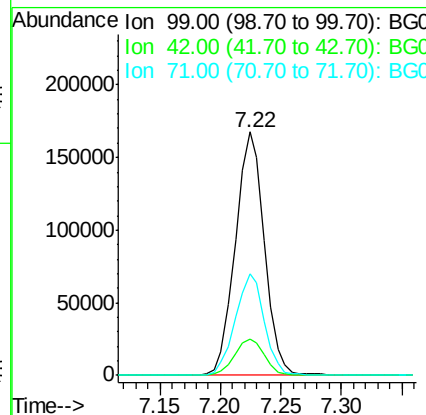
Tot Ion: 99 Resp: 280524

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

71 41.6 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 11.576 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035522.D

Acq: 30 Jun 2018 1:55

Tgt Ion: 70 Resp: 25283

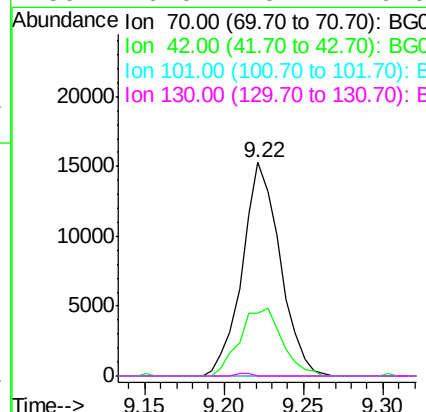
Ion Ratio Lower Upper

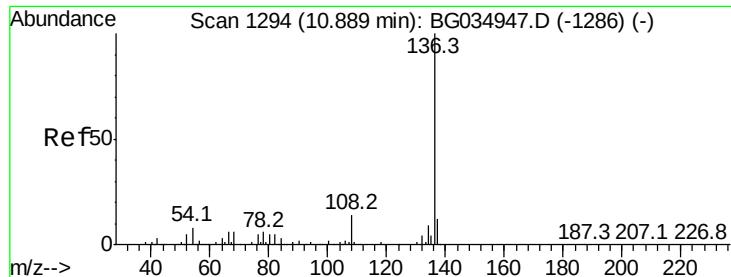
70 100

42 29.1 49.1 73.7#

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

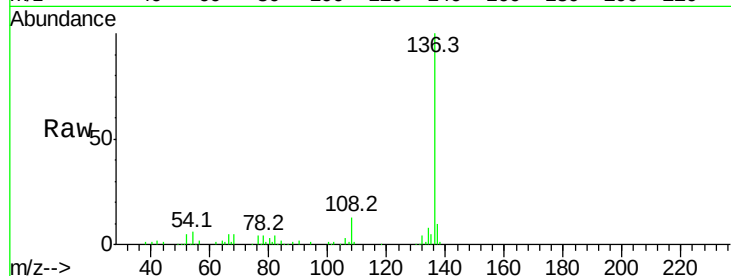




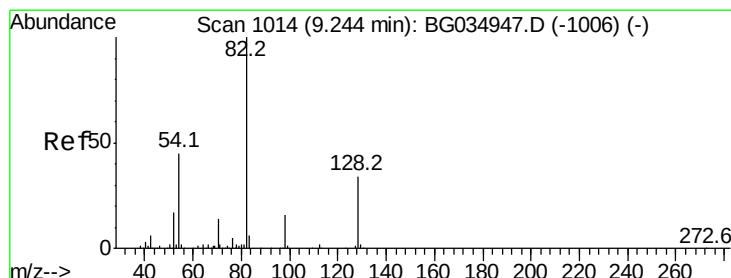
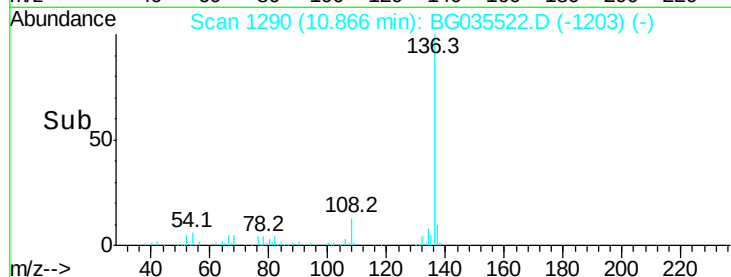
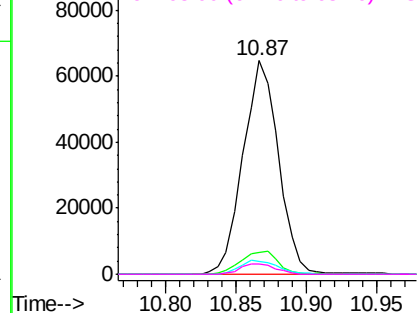
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035522.D
Acq: 30 Jun 2018 1:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	113772
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	6.3	10.3	15.5#
68	5.1	4.5	6.7

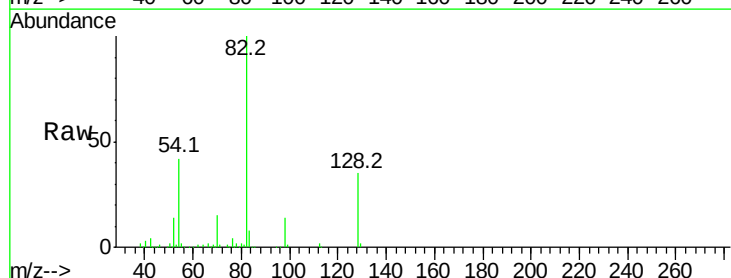


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

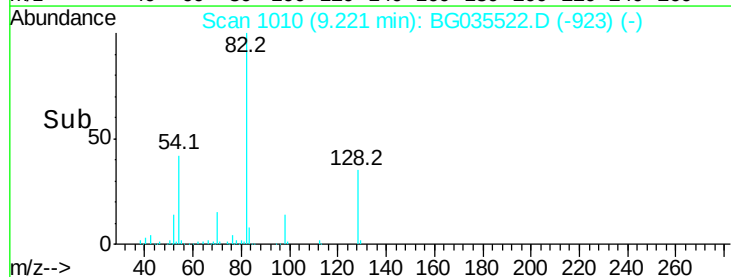
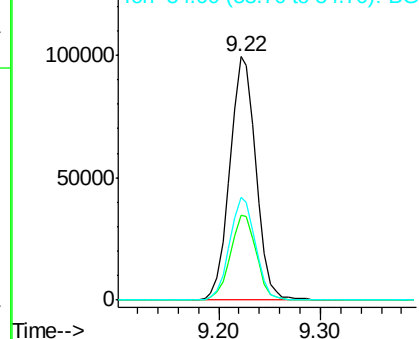


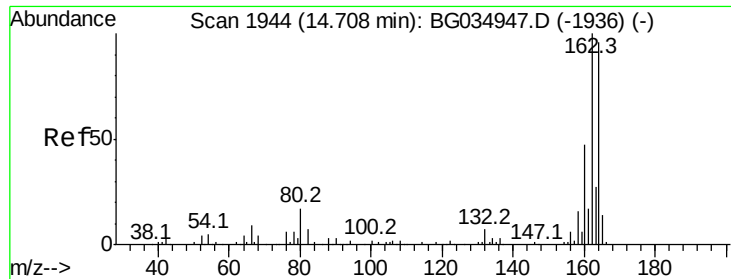
#23
Nitrobenzene-d5
Concen: 73.996 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035522.D
Acq: 30 Jun 2018 1:55

Tgt Ion:	82	Resp:	177108
Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	42.0	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

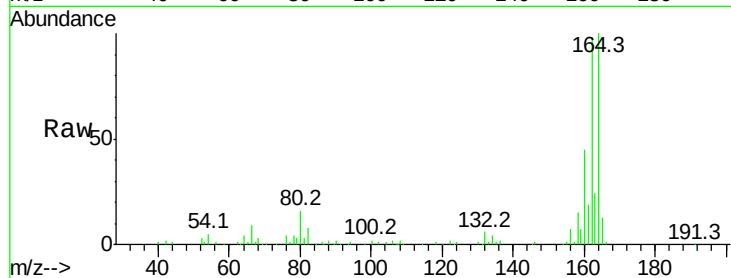




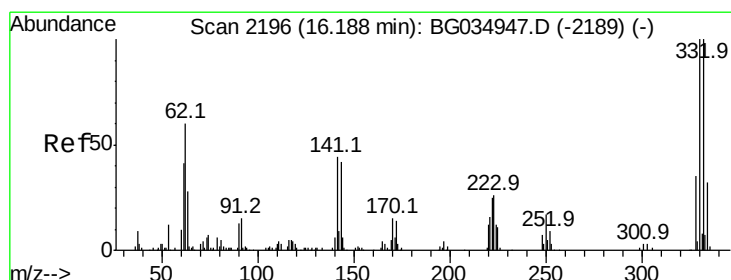
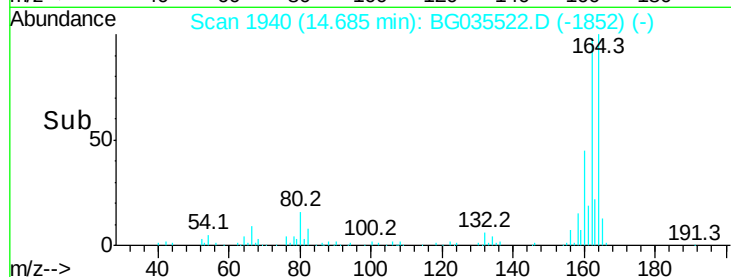
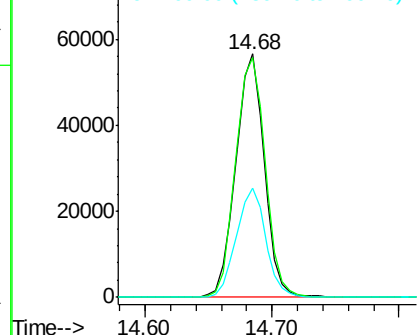
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035522.D
 Acq: 30 Jun 2018 1:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 87674
 Ion Ratio Lower Upper
 164 100
 162 98.4 78.8 118.2
 160 44.8 35.4 53.0

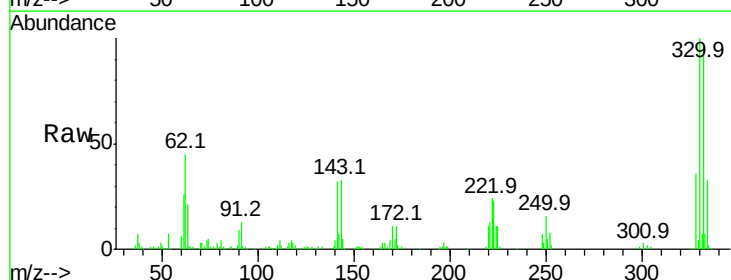


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

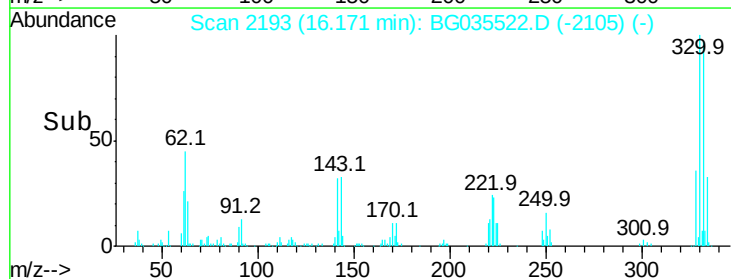
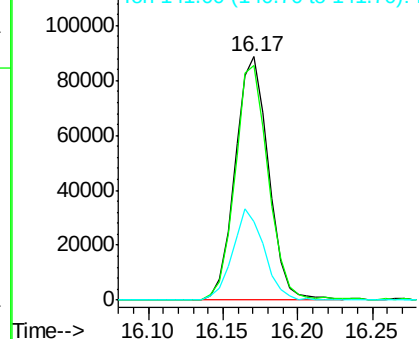


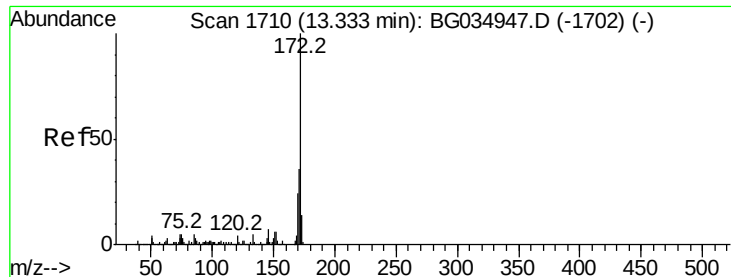
#41
 2,4,6-Tribromophenol
 Concen: 123.203 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035522.D
 Acq: 30 Jun 2018 1:55

Tgt Ion:330 Resp: 138275
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 35.6 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

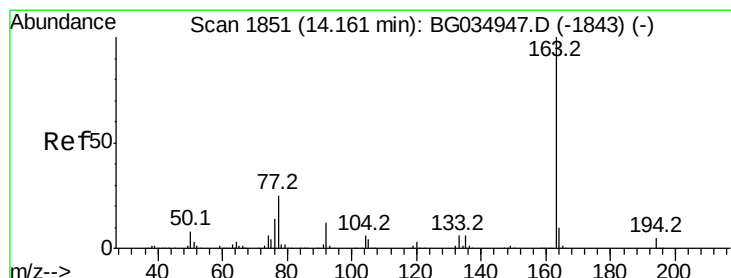
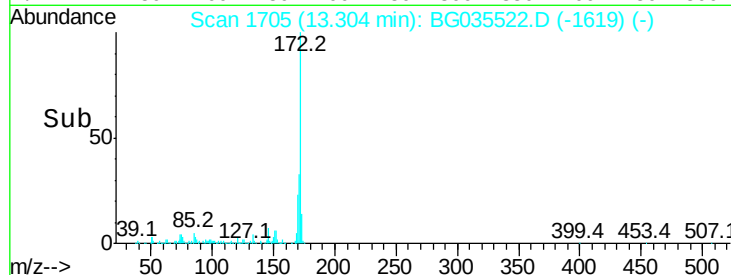
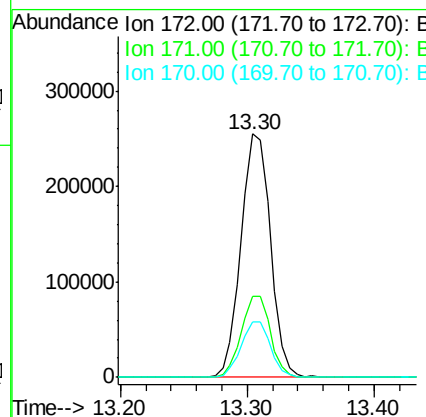
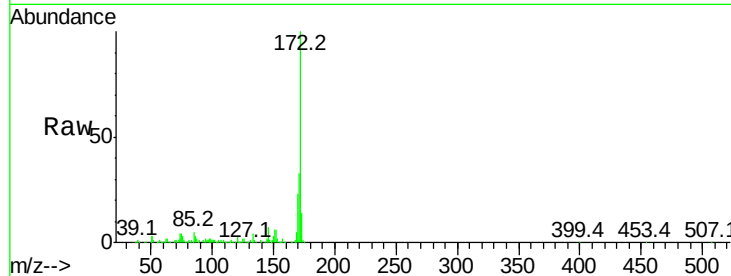




#44
2-Fluorobiphenyl
Concen: 60.806 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035522.D
Acq: 30 Jun 2018 1:55

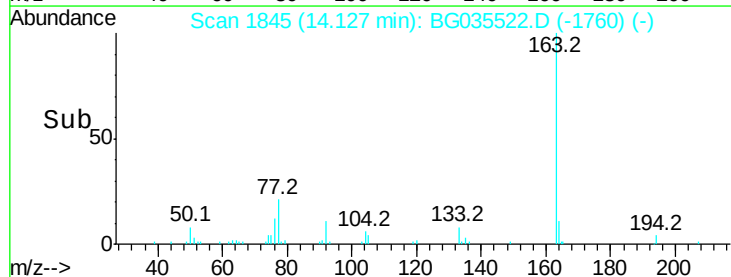
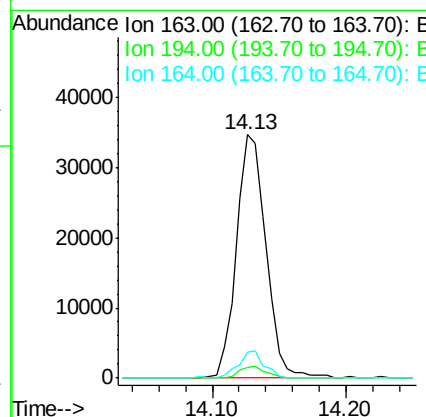
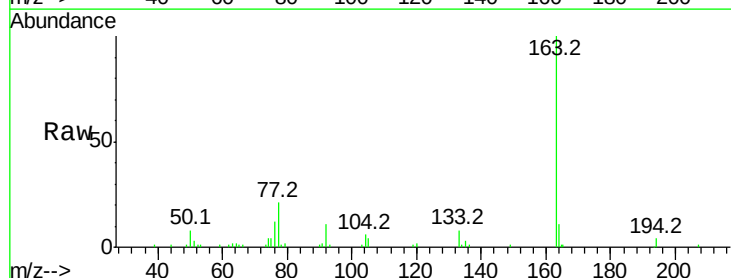
Instrument :
BNA_G
ClientSampleId :

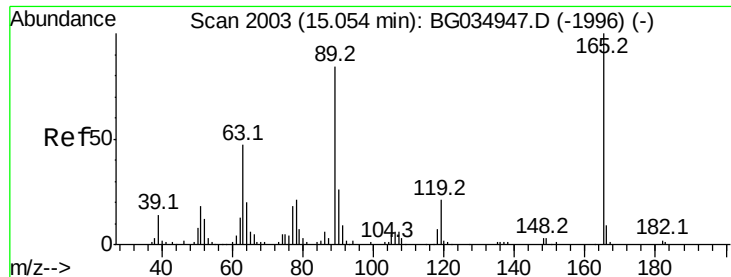
Tot Ion:172 Resp: 410084
Ion Ratio Lower Upper
172 100
171 33.3 30.0 45.0
170 22.8 19.5 29.3



#49
Dimethylphthalate
Concen: 6.990 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035522.D
Acq: 30 Jun 2018 1:55

Tgt Ion:163 Resp: 53441
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.7 8.2 12.4

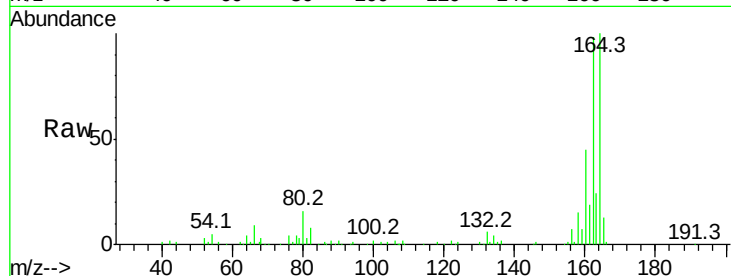




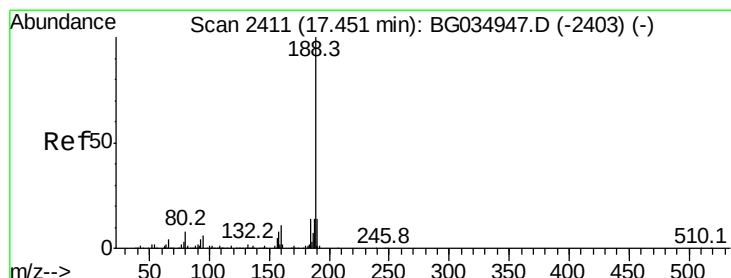
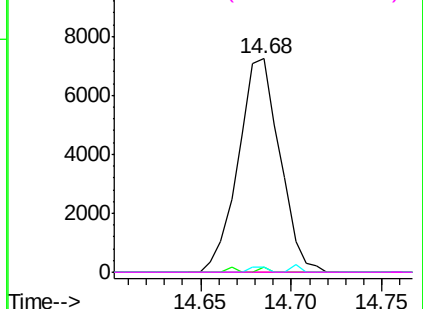
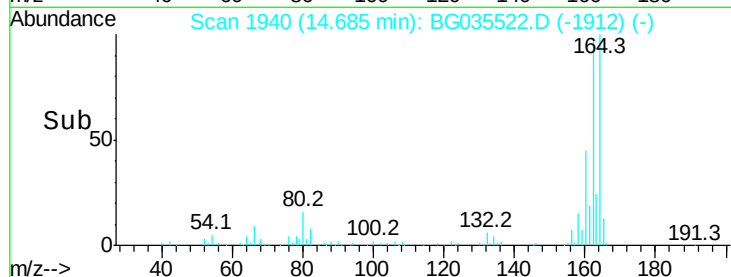
#56
 2,4-Dinitrotoluene
 Concen: 6.213 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG035522.D
 Acq: 30 Jun 2018 1:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 11512
 Ion Ratio Lower Upper
 165 100
 63 2.2 42.0 63.0#
 89 2.3 66.9 100.3#
 182 0.0 2.6 3.8#

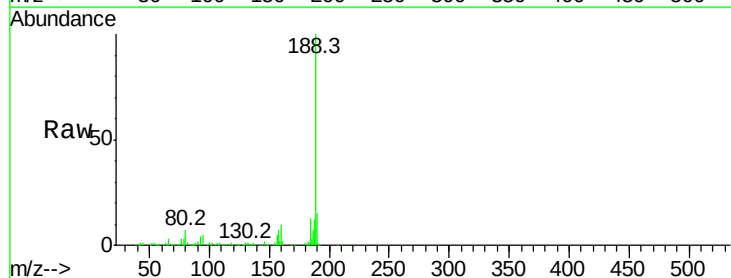


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

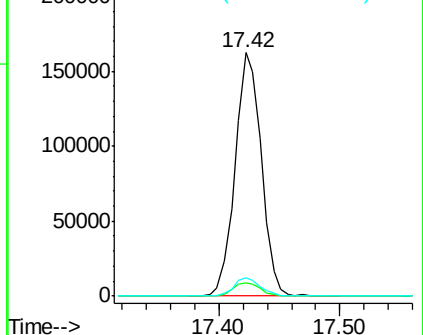
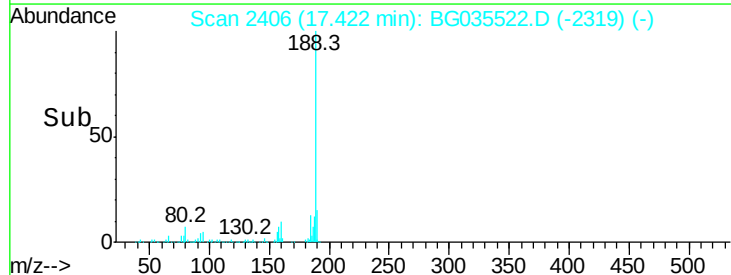


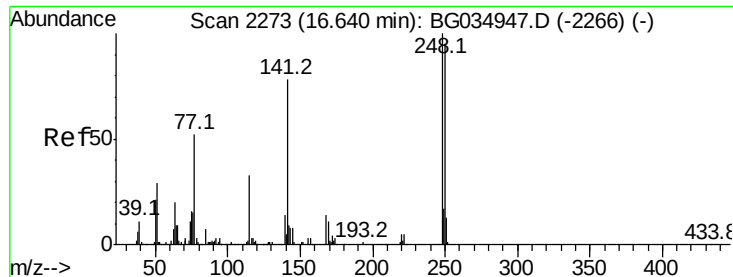
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035522.D
 Acq: 30 Jun 2018 1:55

Tgt Ion:188 Resp: 246228
 Ion Ratio Lower Upper
 188 100
 94 5.4 6.9 10.3#
 80 7.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

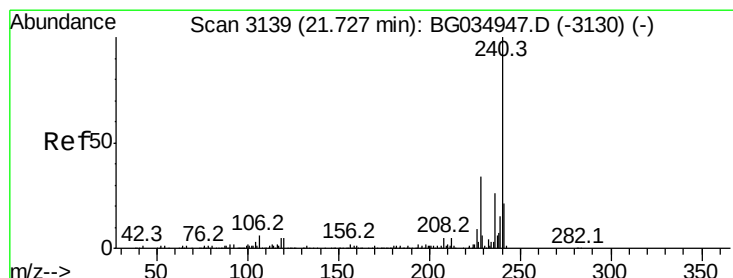
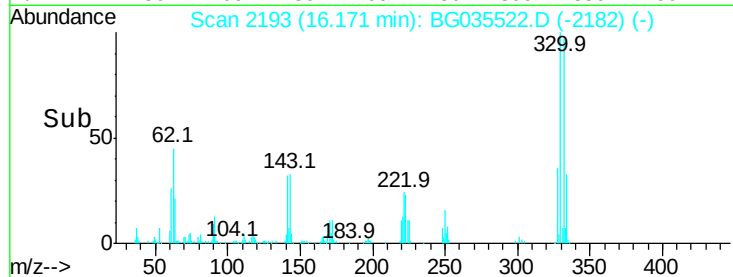
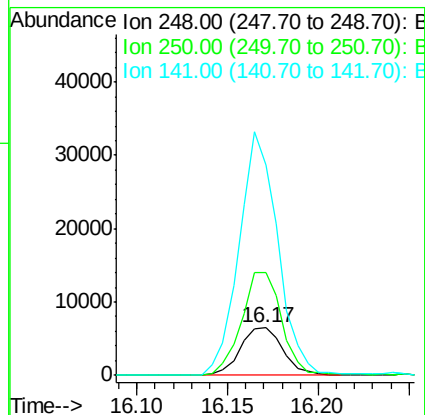
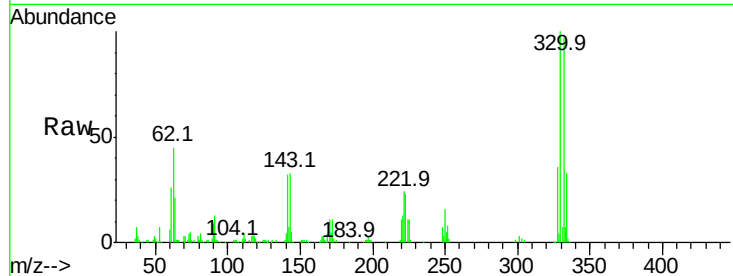




#66
 4-Bromophenyl-phenylether
 Concen: 3.570 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG035522.D
 Acq: 30 Jun 2018 1:55

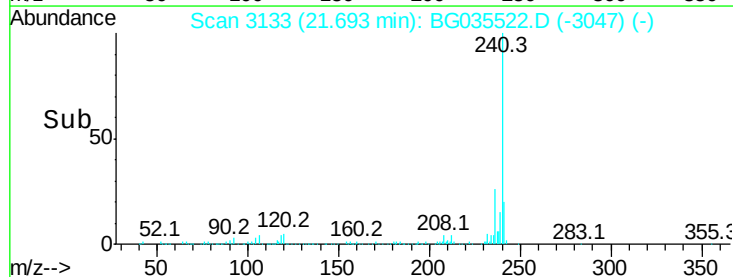
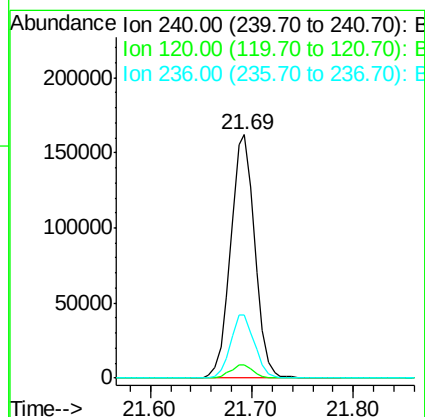
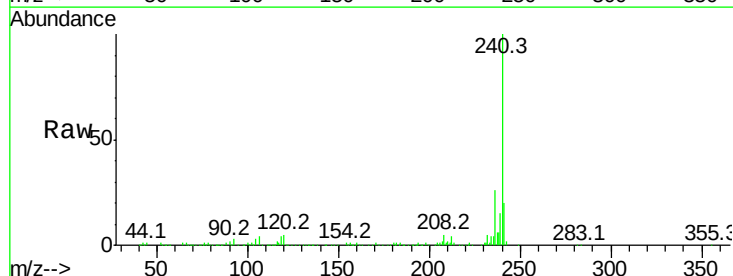
Instrument :
 BNA_G
 ClientSampleId :

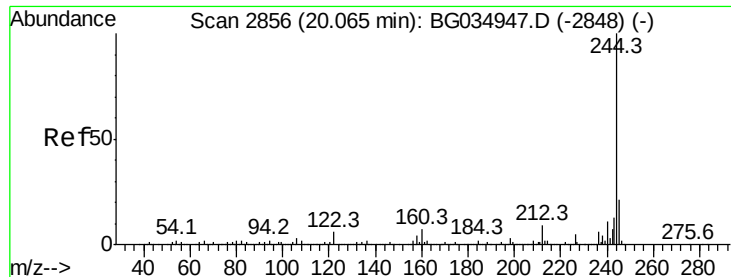
Tot Ion	Ratio	Lower	Upper
248	100		
250	215.7	77.1	115.7#
141	442.5	50.8	76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG035522.D
 Acq: 30 Jun 2018 1:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	6.8	10.2#
236	26.2	20.9	31.3





#78

Terphenyl-d14

Concen: 58.380 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035522.D

Acq: 30 Jun 2018 1:55

Instrument :

BNA_G

ClientSampleId :

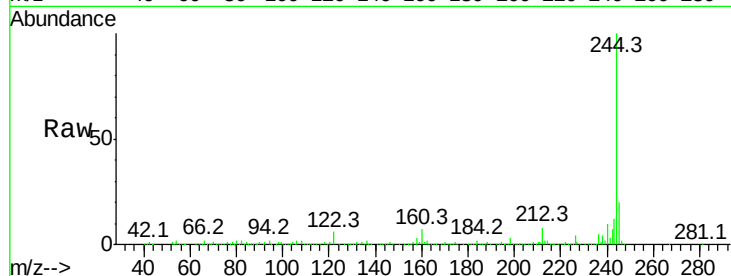
Tot Ion:244 Resp: 743460

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

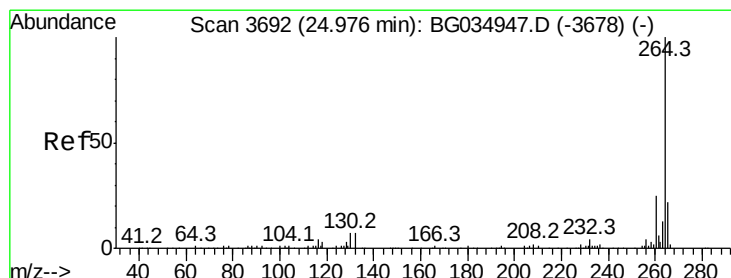
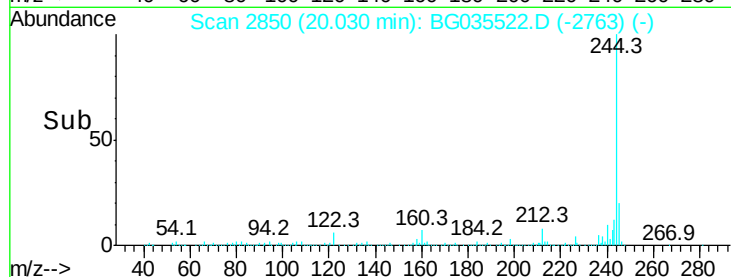
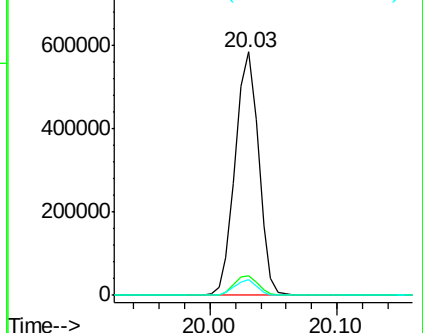
122 6.4 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035522.D

Acq: 30 Jun 2018 1:55

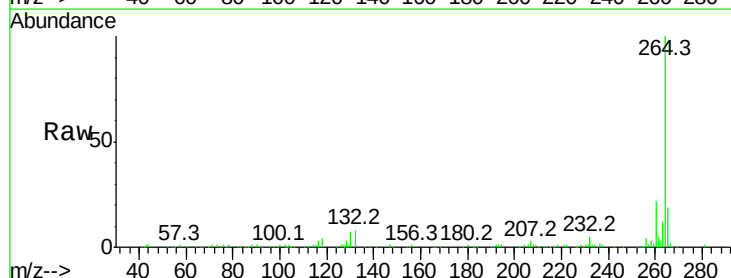
Tgt Ion:264 Resp: 252665

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 19.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

