

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
 Data File : BG035525.D
 Acq On : 30 Jun 2018 3:51
 Operator : JU/SJ
 Sample : J3774-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 00:55:43 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

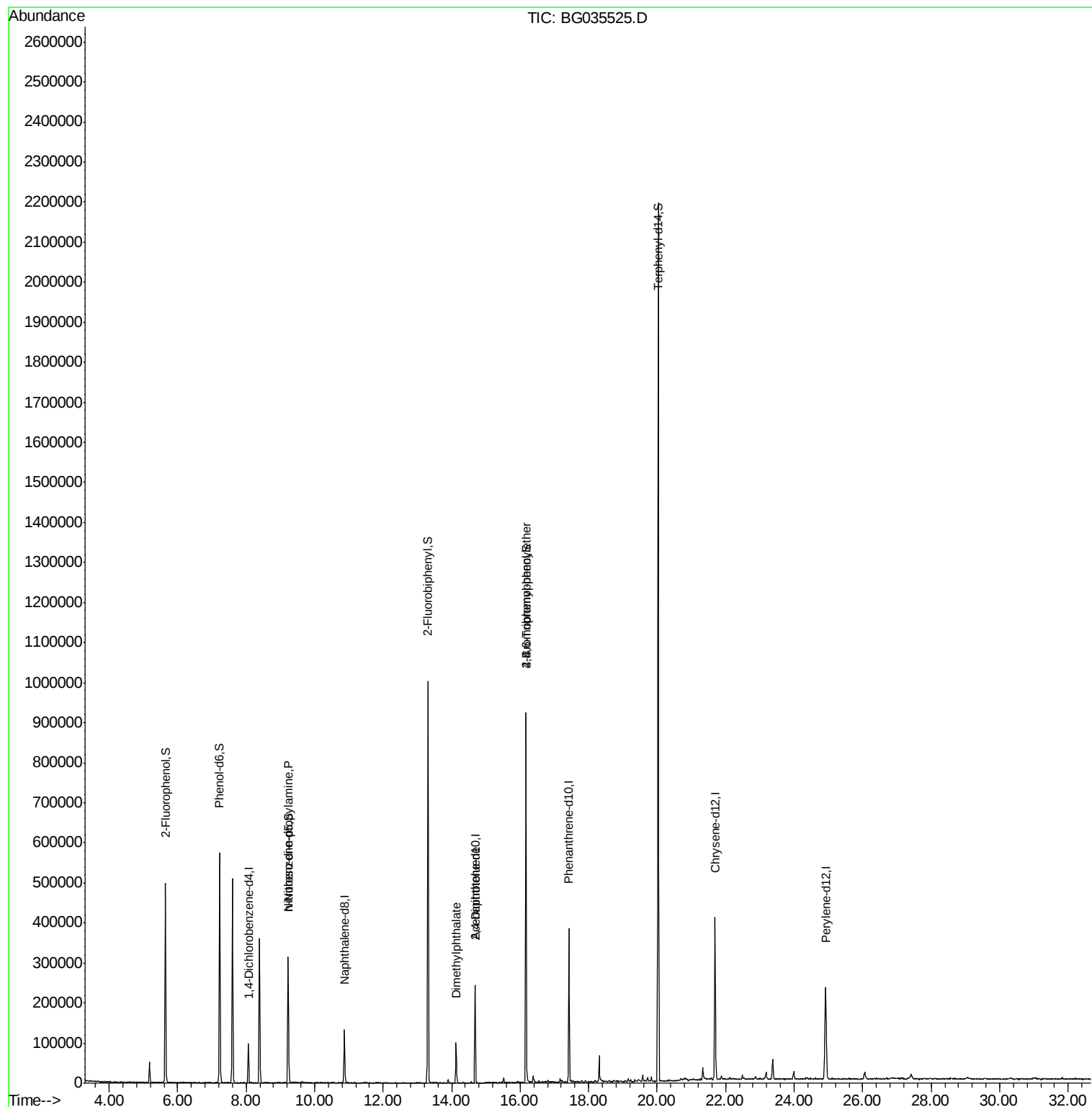
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27438	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	109555	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	87878	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	242887	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	261399	20.00	ng	-0.03
86) Perylene-d12	24.91	264	251642	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	218517	134.40	ng	0.00
7) Phenol-d6	7.22	99	332230	138.45	ng	0.00
23) Nitrobenzene-d5	9.22	82	210607	91.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	176270	156.69	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	538805	79.71	ng	-0.02
78) Terphenyl-d14	20.03	244	1035195	82.95	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	29702	14.569	ng	# 67
49) Dimethylphthalate	14.13	163	65625	8.564	ng	# 97
56) 2,4-Dinitrotoluene	14.69	165	11923	6.420	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	14004	4.788	ng	# 1

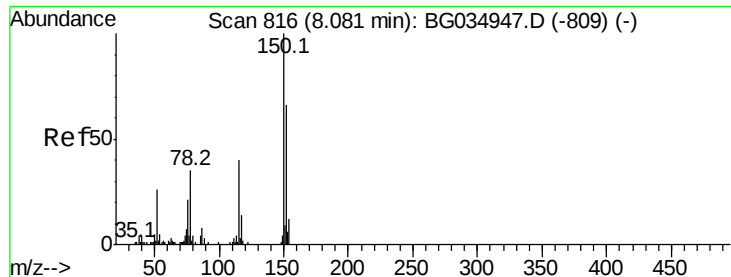
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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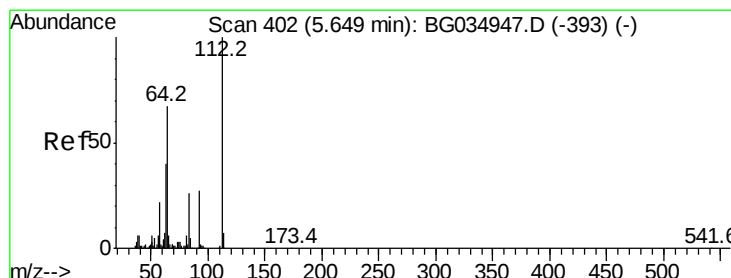
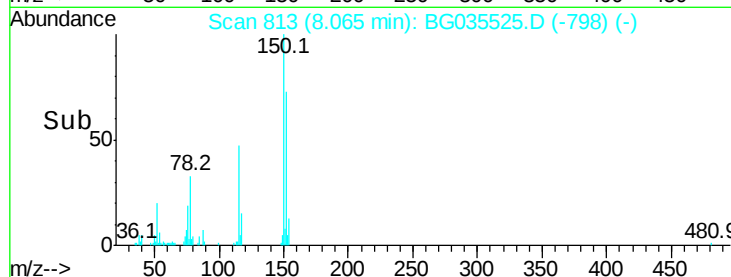
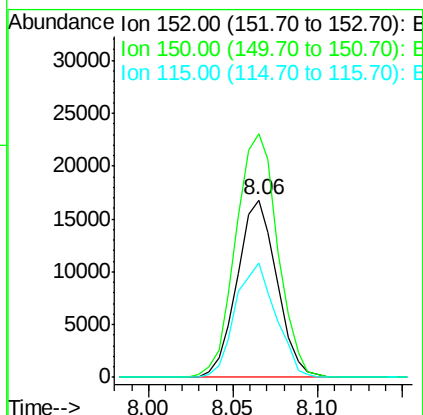
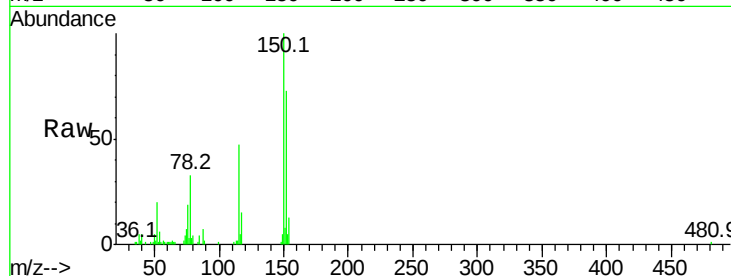


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035525.D
Acq: 30 Jun 2018 3:51

Instrument :
BNA_G
ClientSampleId :

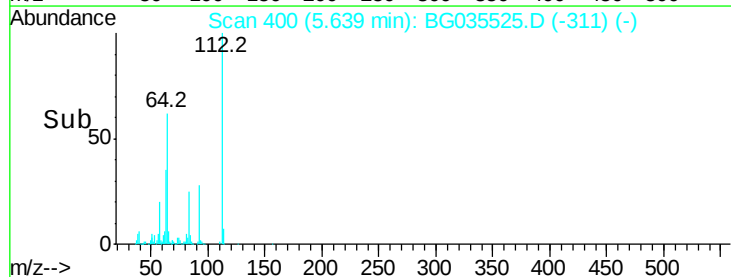
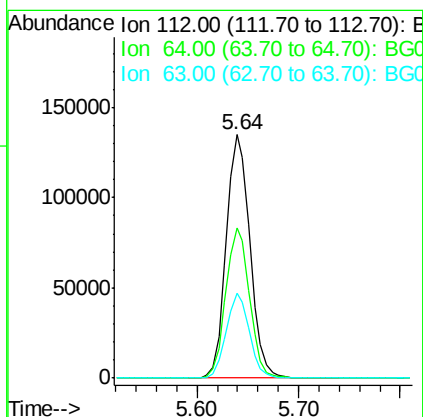
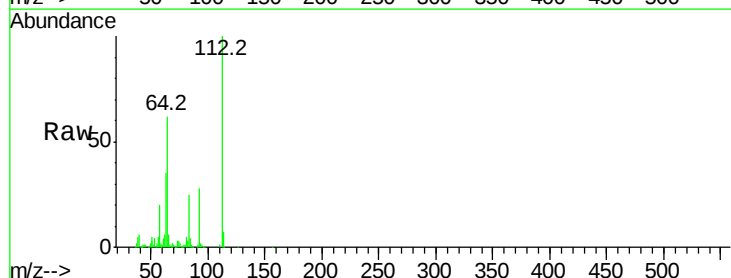
Tot Ion:152 Resp: 27438
Ion Ratio Lower Upper
152 100
150 137.5 126.6 189.8
115 64.4 53.0 79.4

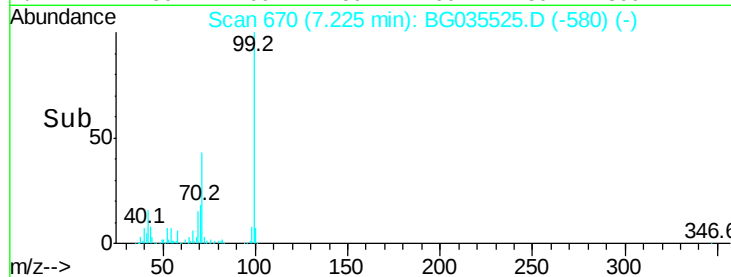
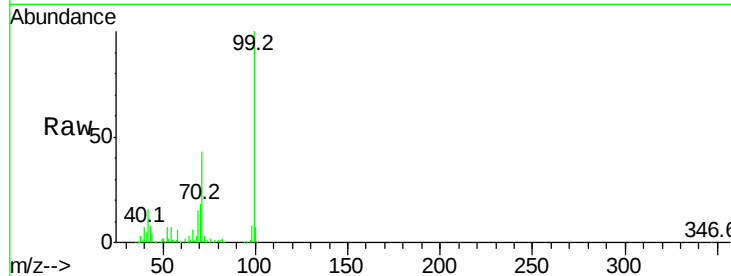
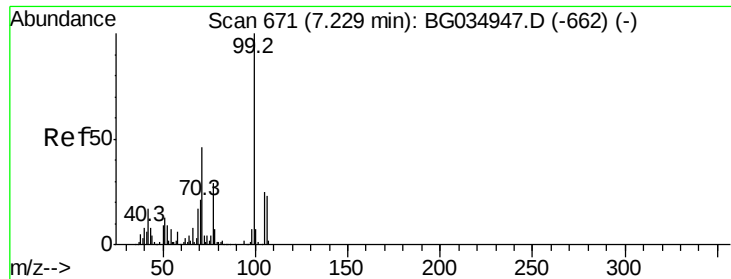


#5

2-Fluorophenol
Concen: 134.402 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035525.D
Acq: 30 Jun 2018 3:51

Tgt Ion:112 Resp: 218517
Ion Ratio Lower Upper
112 100
64 61.8 56.3 84.5
63 34.9 30.1 45.1





#7

Phenol-d6

Concen: 138.449 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035525.D

Acq: 30 Jun 2018 3:51

Instrument :

BNA_G

ClientSampled :

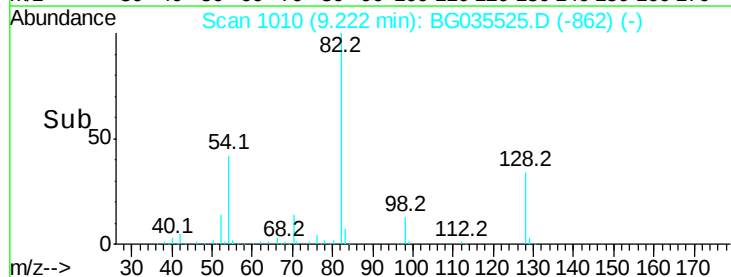
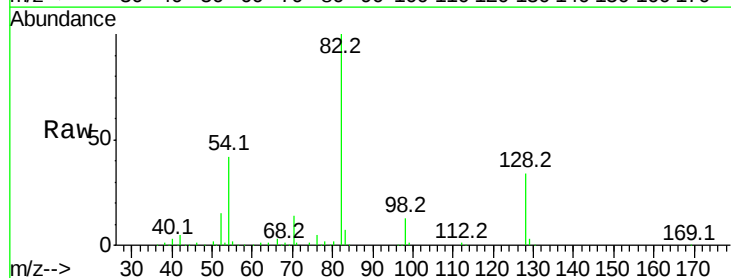
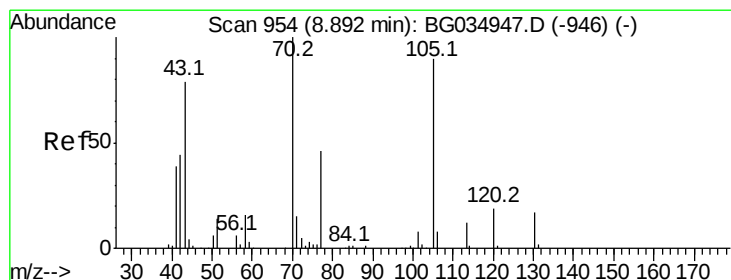
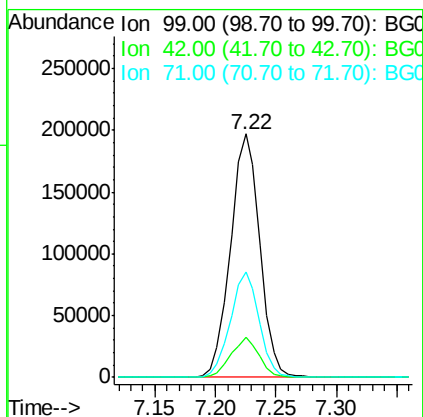
Tot Ion: 99 Resp: 332230

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 43.2 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.569 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035525.D

Acq: 30 Jun 2018 3:51

Tgt Ion: 70 Resp: 29702

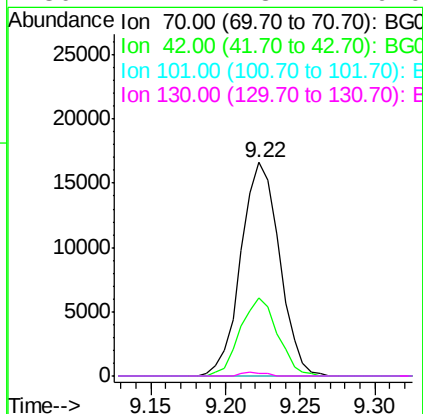
Ion Ratio Lower Upper

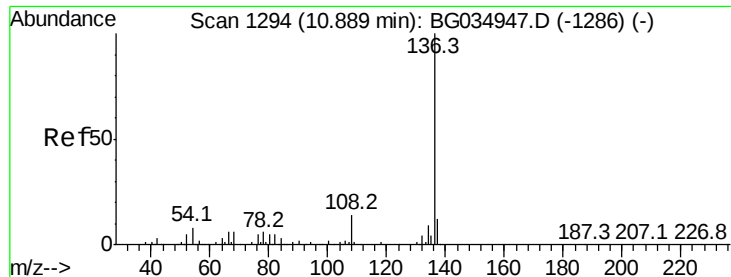
70 100

42 36.4 49.1 73.7#

101 0.0 8.5 12.7#

130 1.1 13.4 20.0#

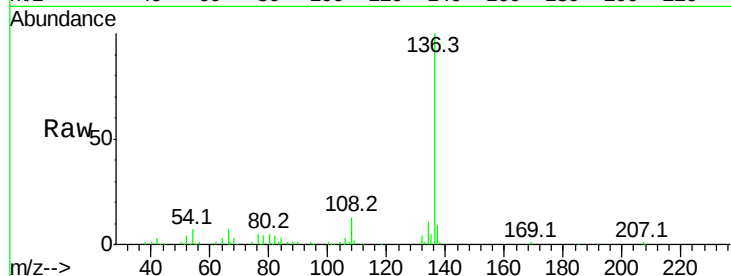




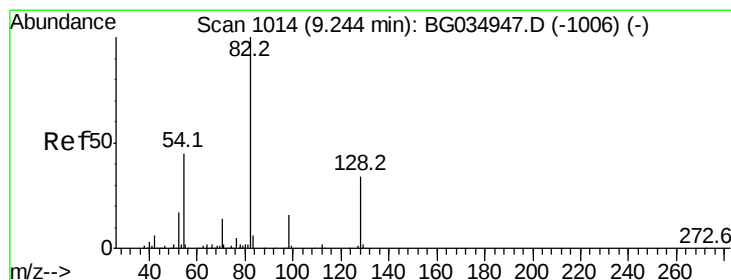
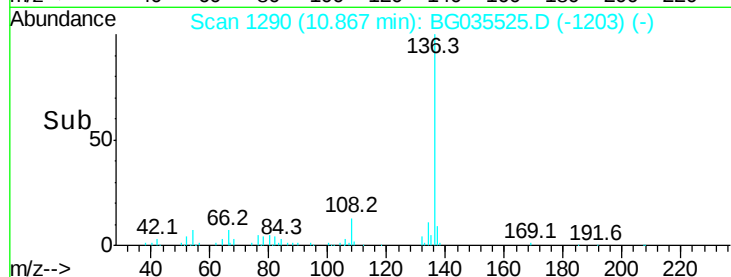
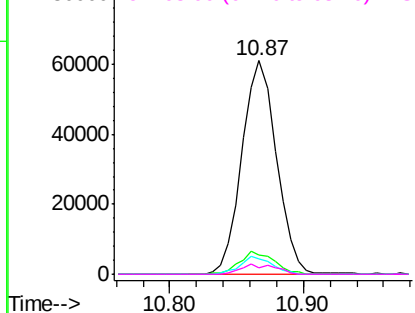
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035525.D
Acq: 30 Jun 2018 3:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	109555
Ion Ratio	Lower	Upper
136	100	
137	9.2	9.2 13.8
54	7.2	10.3 15.5#
68	3.3	4.5 6.7#

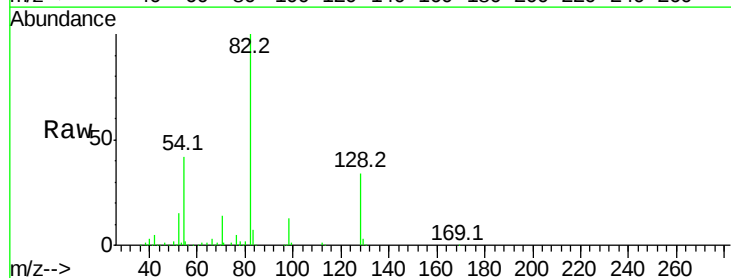


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

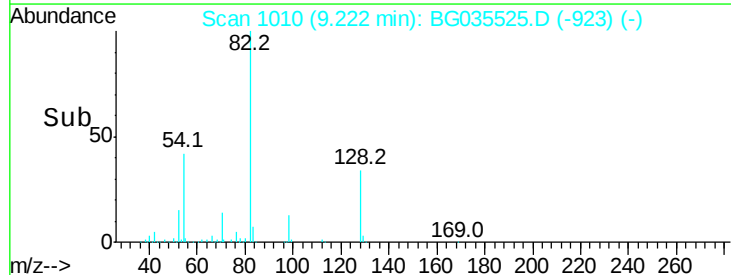
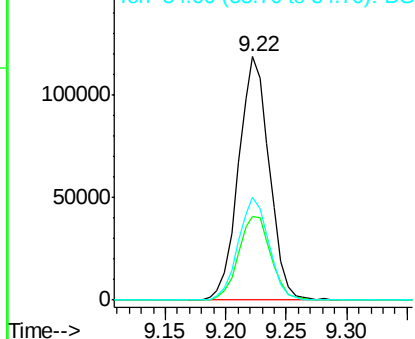


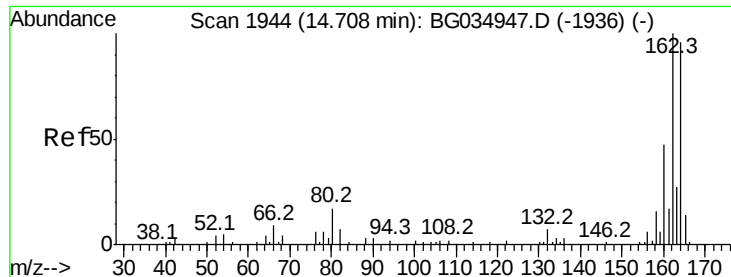
#23
Nitrobenzene-d5
Concen: 91.379 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035525.D
Acq: 30 Jun 2018 3:51

Tgt Ion: 82	Resp:	210607
Ion Ratio	Lower	Upper
82	100	
128	34.4	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): E
Ion 54.00 (53.70 to 54.70): BGC

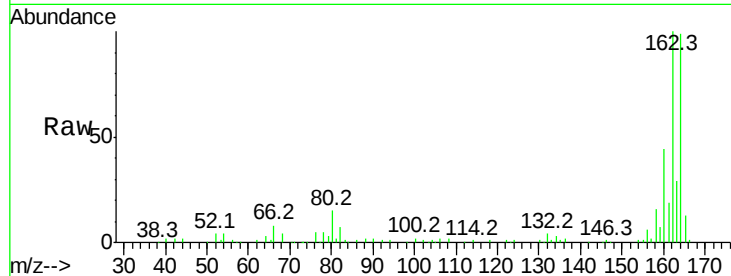




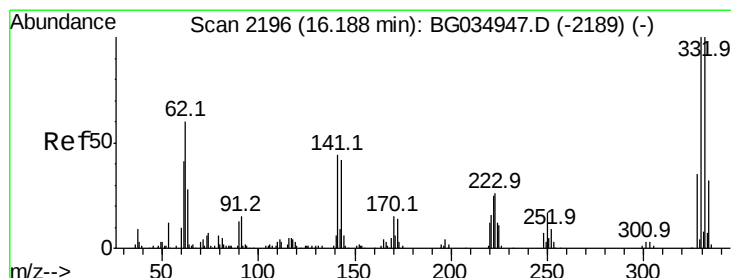
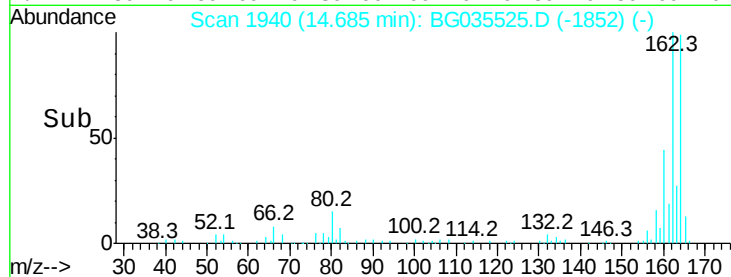
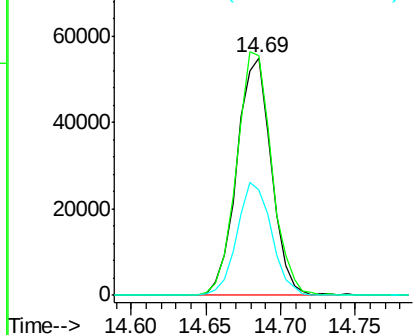
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035525.D
Acq: 30 Jun 2018 3:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 87878
Ion Ratio Lower Upper
164 100
162 100.8 78.8 118.2
160 44.1 35.4 53.0

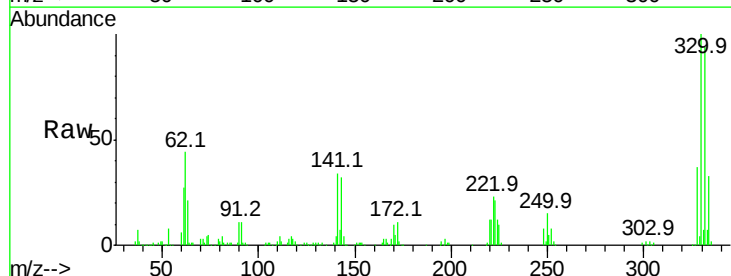


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

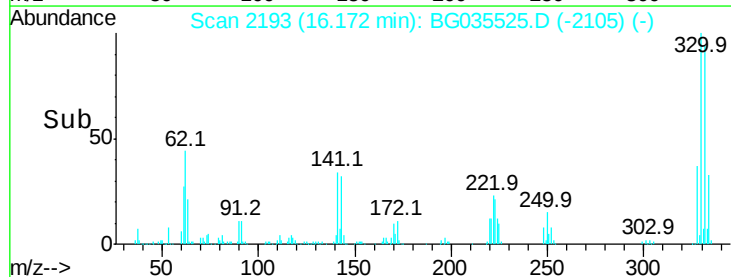
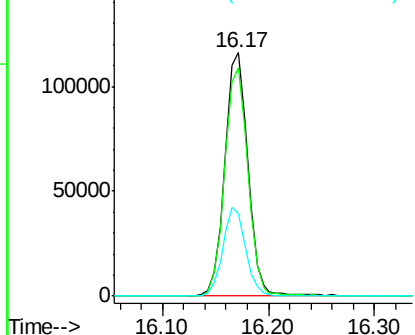


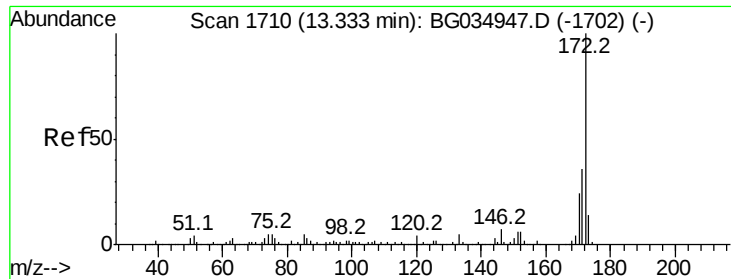
#41
2,4,6-Tribromophenol
Concen: 156.691 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035525.D
Acq: 30 Jun 2018 3:51

Tgt Ion:330 Resp: 176270
Ion Ratio Lower Upper
330 100
332 94.2 77.0 115.6
141 36.0 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

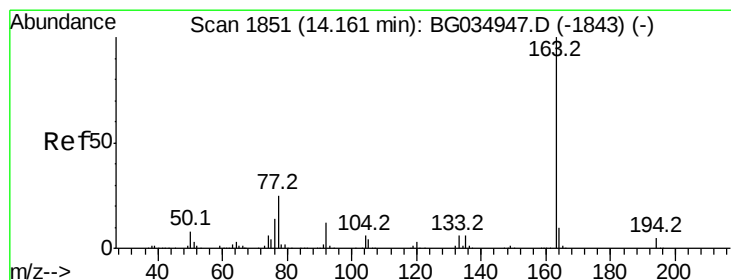
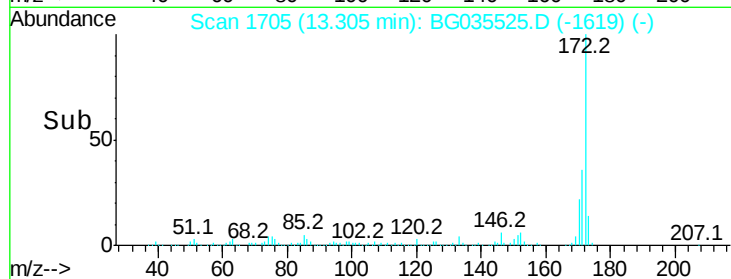
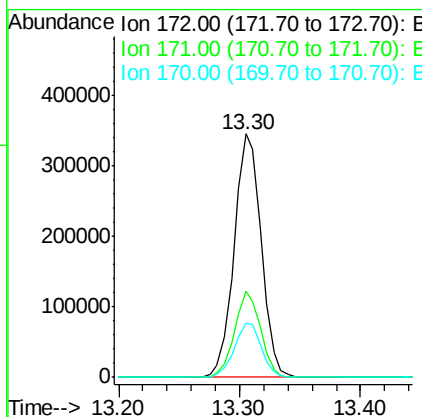
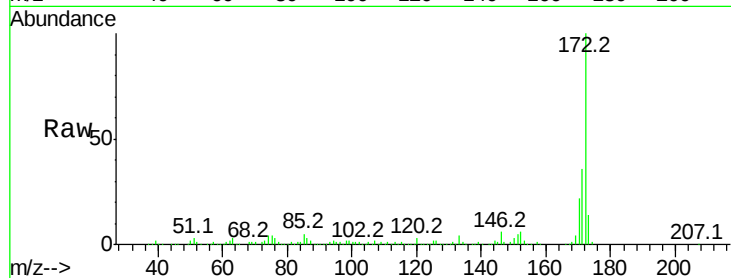




#44
2-Fluorobiphenyl
Concen: 79.706 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035525.D
Acq: 30 Jun 2018 3:51

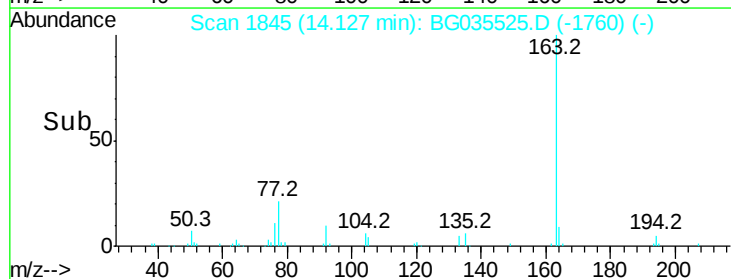
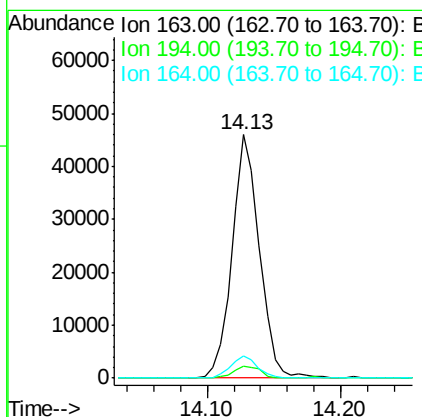
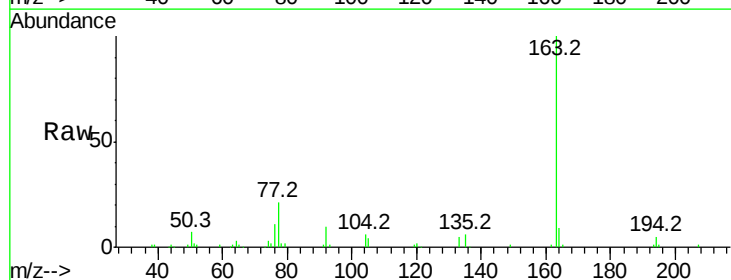
Instrument :
BNA_G
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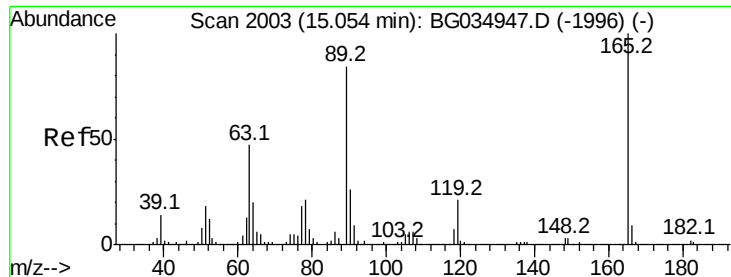
Tot Ion:172 Resp: 538805
Ion Ratio Lower Upper
172 100
171 35.6 30.0 45.0
170 22.4 19.5 29.3



#49
Dimethylphthalate
Concen: 8.564 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035525.D
Acq: 30 Jun 2018 3:51

Tgt Ion:163 Resp: 65625
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.2
164 9.3 8.2 12.4

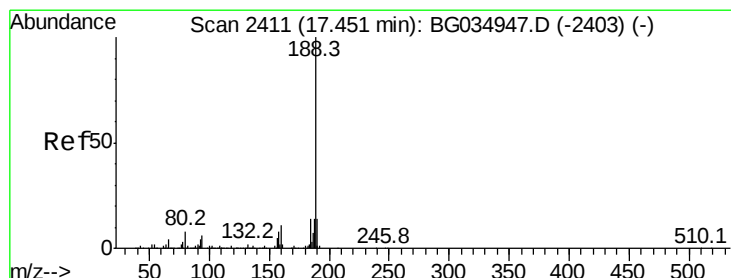
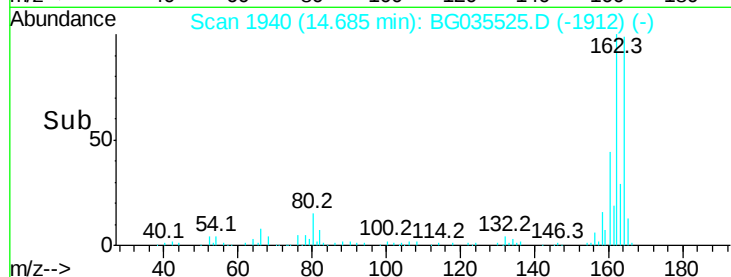
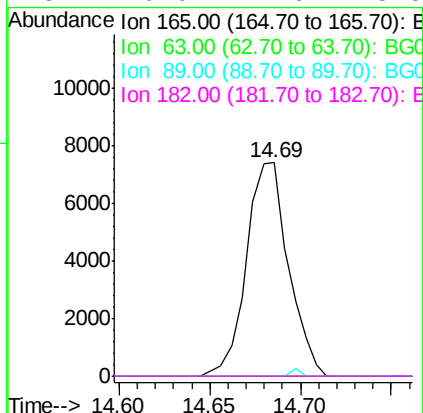
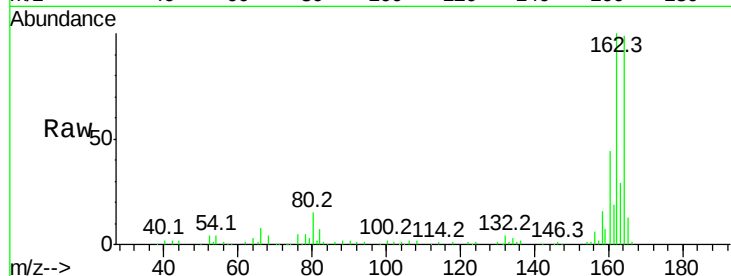




#56
 2,4-Dinitrotoluene
 Concen: 6.420 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG035525.D
 Acq: 30 Jun 2018 3:51

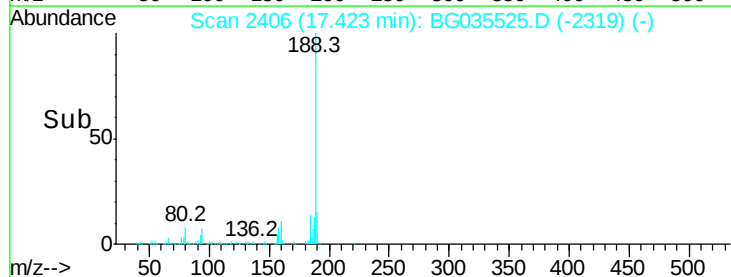
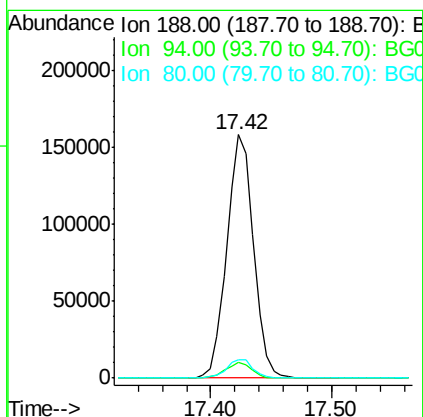
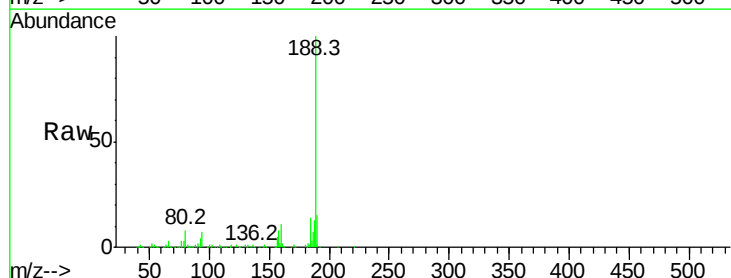
Instrument :
 BNA_G
 ClientSampled :

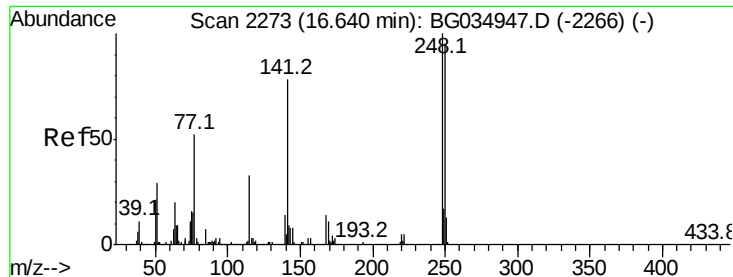
Tot Ion:165 Resp: 11923
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035525.D
 Acq: 30 Jun 2018 3:51

Tgt Ion:188 Resp: 242887
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.9 10.3#
 80 7.7 7.7 11.5

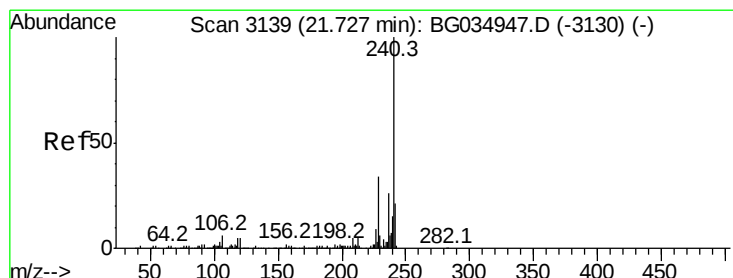
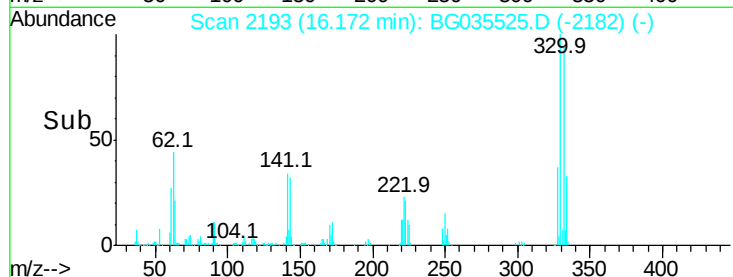
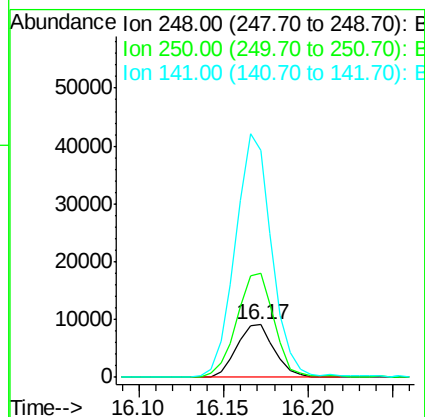
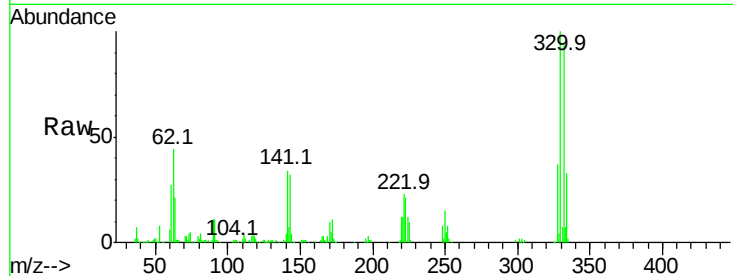




#66
4-Bromophenyl-phenylether
Concen: 4.788 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG035525.D
Acq: 30 Jun 2018 3:51

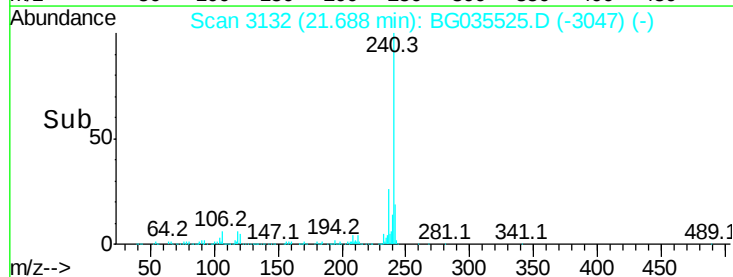
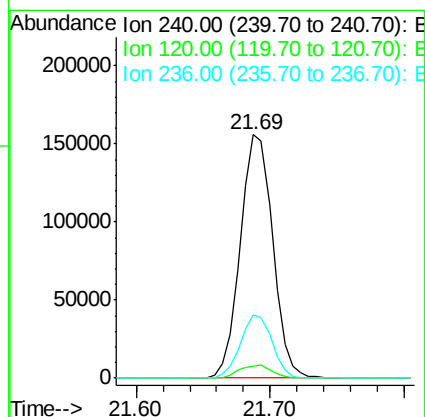
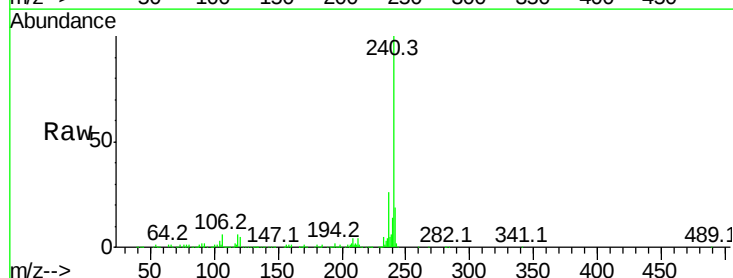
Instrument :
BNA_G
ClientSampled :

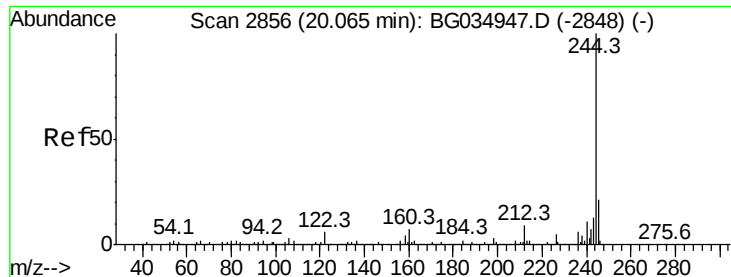
Tot Ion:248 Resp: 14004
Ion Ratio Lower Upper
248 100
250 198.3 77.1 115.7#
141 431.5 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035525.D
Acq: 30 Jun 2018 3:51

Tgt Ion:240 Resp: 261399
Ion Ratio Lower Upper
240 100
120 5.1 6.8 10.2#
236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 82.953 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035525.D

Acq: 30 Jun 2018 3:51

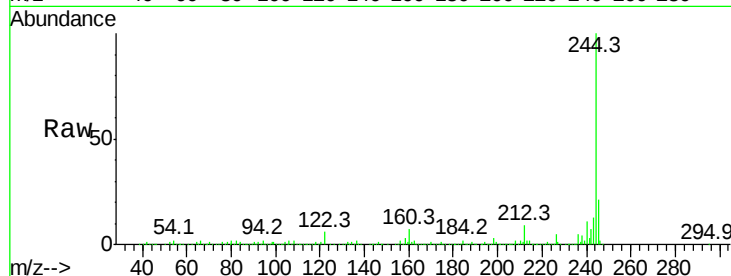
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1035195

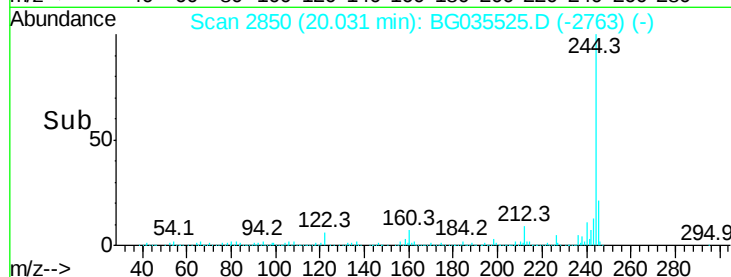
Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	6.4	7.0	10.4



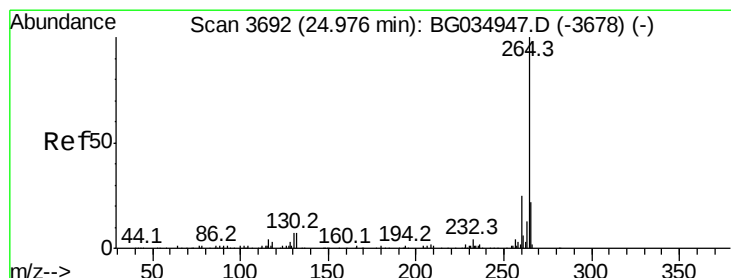
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3681

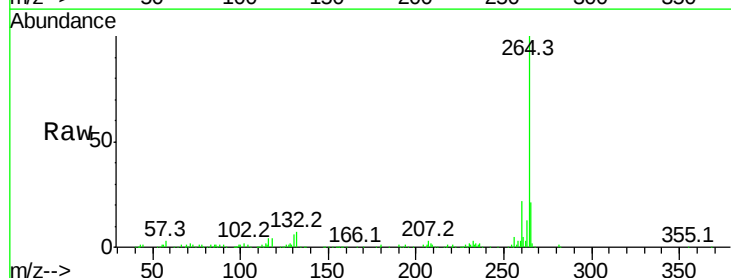
Delta R.T. -0.04 min

Lab File: BG035525.D

Acq: 30 Jun 2018 3:51

Tgt Ion:264 Resp: 251642

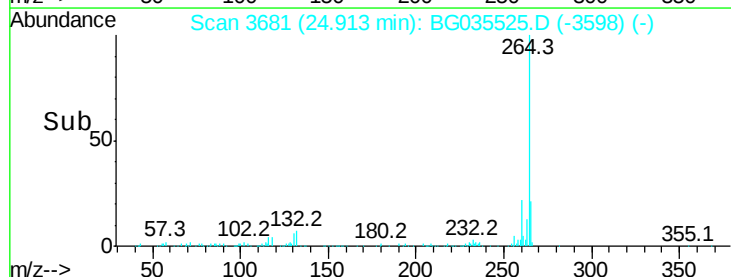
Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	21.0	17.7	26.5



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



Time-->