

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027325.D
 Acq On : 8 Jun 2017 20:18
 Operator : SJ/MA
 Sample : I3460-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 05:49:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

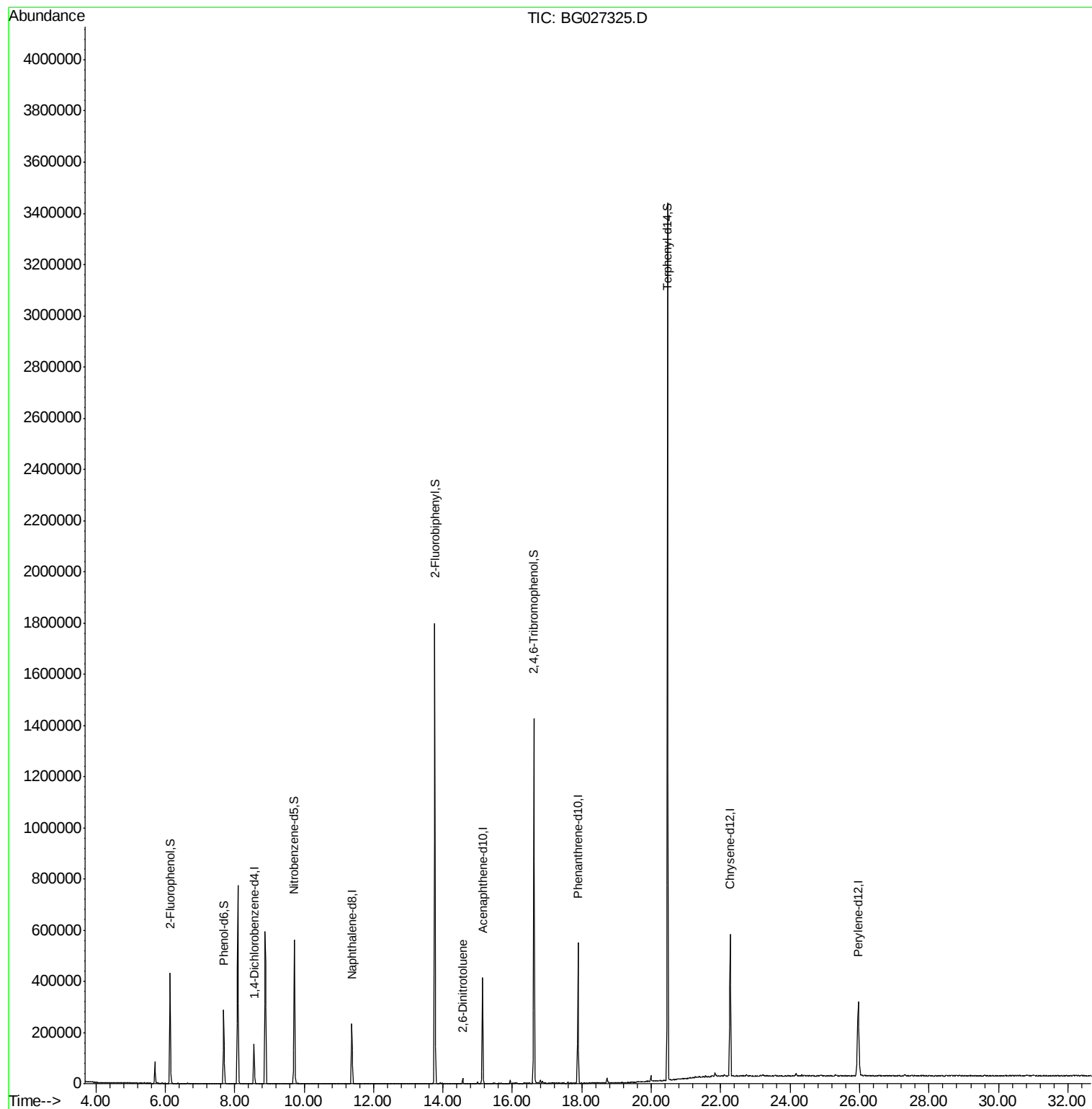
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	44529	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	210116	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	141422	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	343032	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	380570	20.00	ng	-0.04
86) Perylene-d12	25.96	264	352008	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	202924	69.54	ng	-0.01
7) Phenol-d6	7.69	99	187787	43.84	ng	-0.01
23) Nitrobenzene-d5	9.72	82	383906	114.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	284448	152.74	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	935401	92.53	ng	-0.03
78) Terphenyl-d14	20.47	244	1543950	103.49	ng	-0.03
Target Compounds						
50) 2,6-Dinitrotoluene	14.57	165	69	5.64	ng	Qvalue # 46

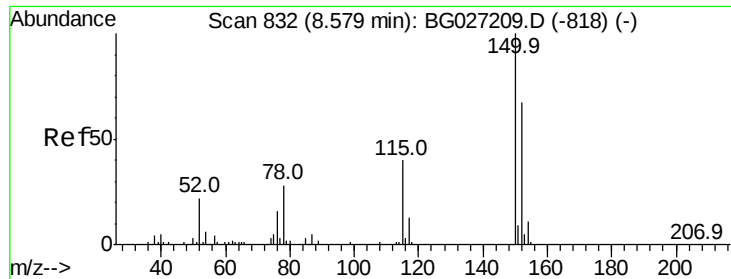
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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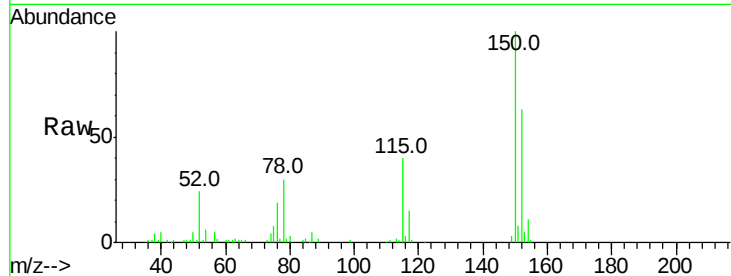


#1

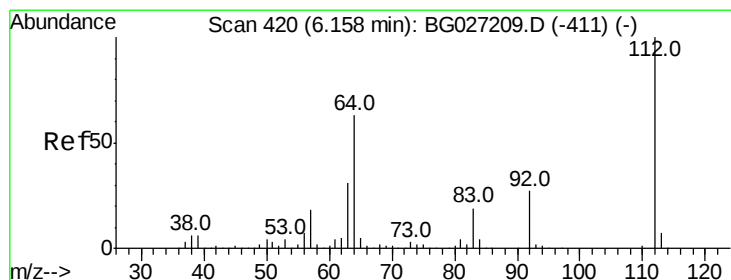
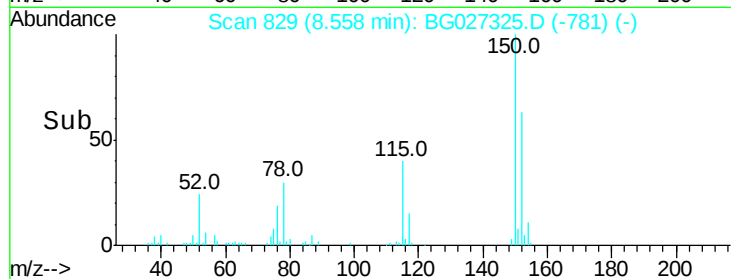
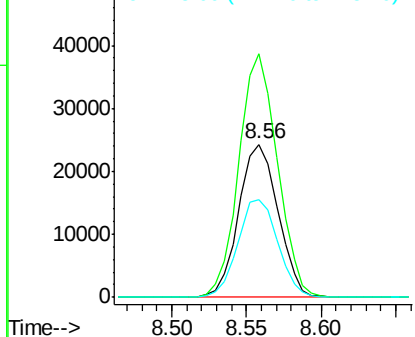
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027325.D
Acq: 8 Jun 2017 20:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44529
Ion Ratio Lower Upper
152 100
150 158.8 114.0 171.0
115 63.5 48.1 72.1



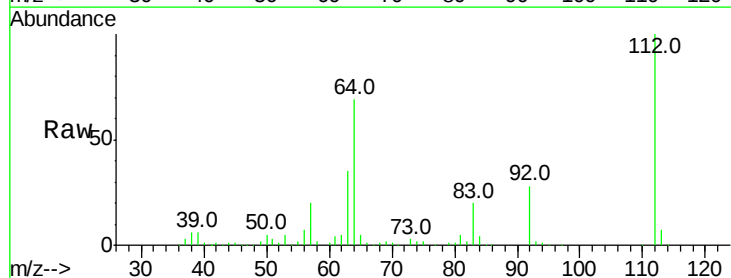
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



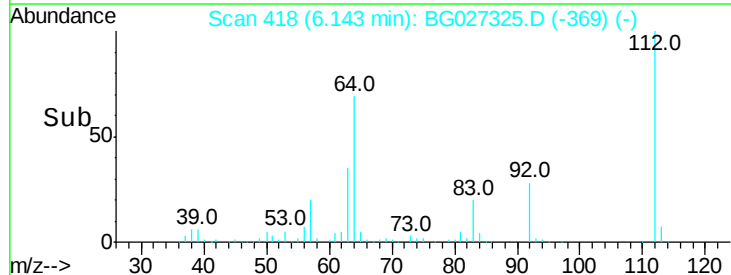
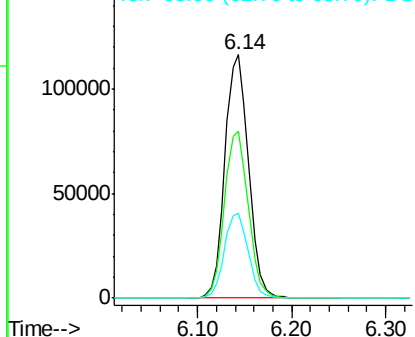
#5

2-Fluorophenol
Concen: 69.54 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027325.D
Acq: 8 Jun 2017 20:18

Tgt Ion:112 Resp: 202924
Ion Ratio Lower Upper
112 100
64 68.5 61.8 92.6
63 35.0 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 43.84 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027325.D

Acq: 8 Jun 2017 20:18

Instrument :

BNA_G

ClientSampled :

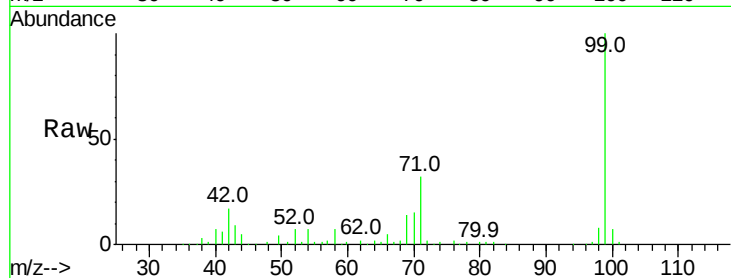
Tot Ion: 99 Resp: 187787

Ion Ratio Lower Upper

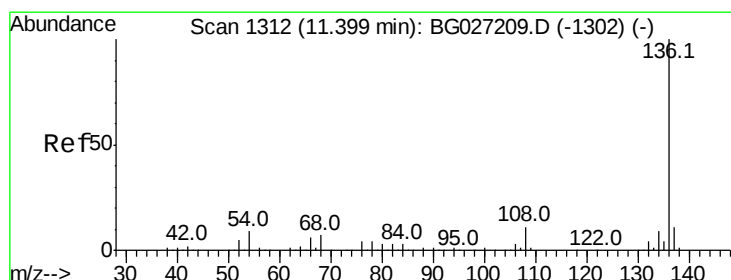
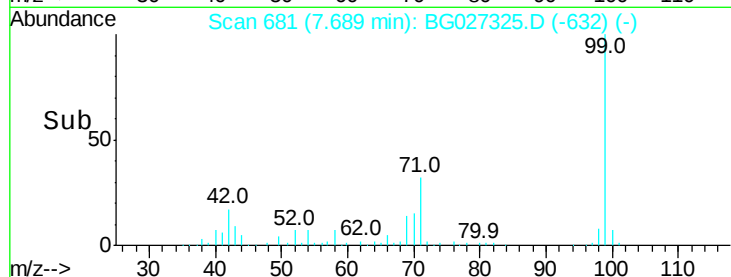
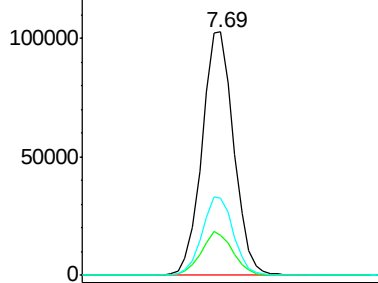
99 100

42 16.5 20.5 30.7#

71 31.6 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BG027325.D

Acq: 8 Jun 2017 20:18

Tgt Ion: 136 Resp: 210116

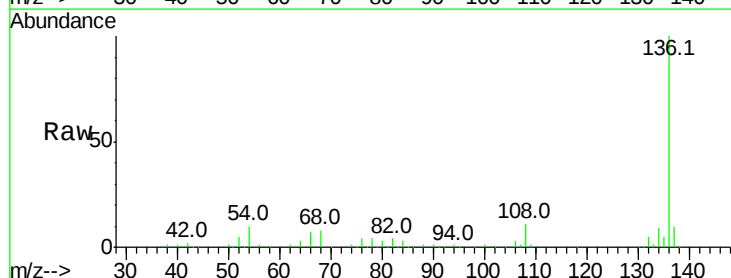
Ion Ratio Lower Upper

136 100

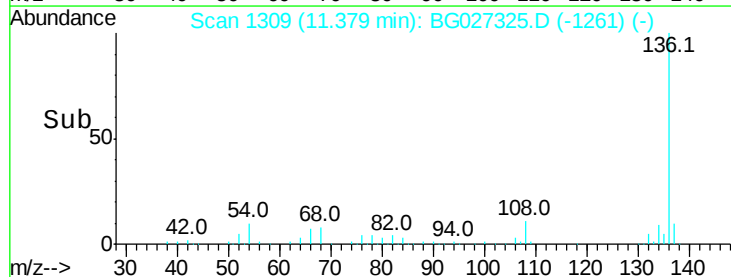
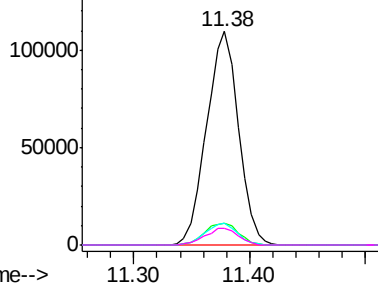
137 10.3 8.9 13.3

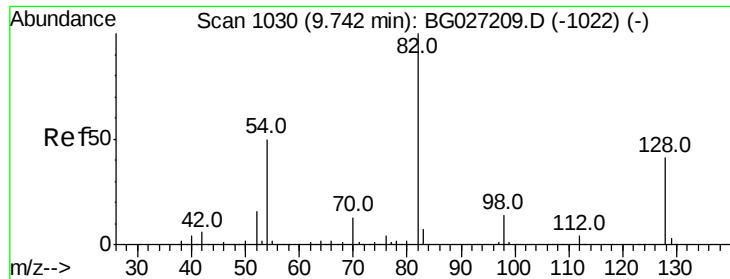
54 10.2 9.3 13.9

68 7.9 5.1 7.7#



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

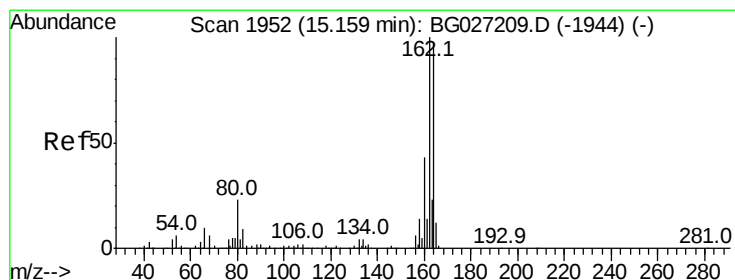
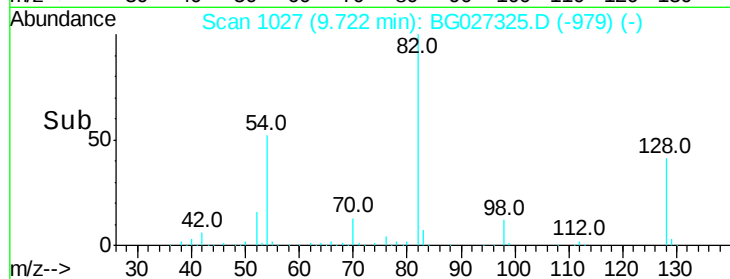
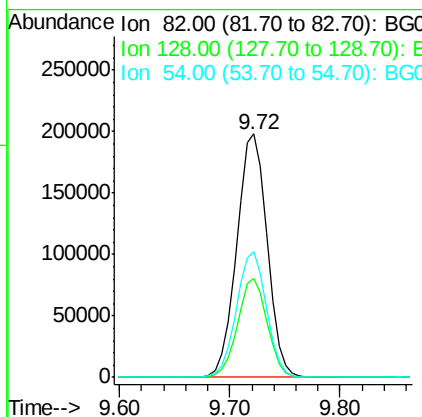
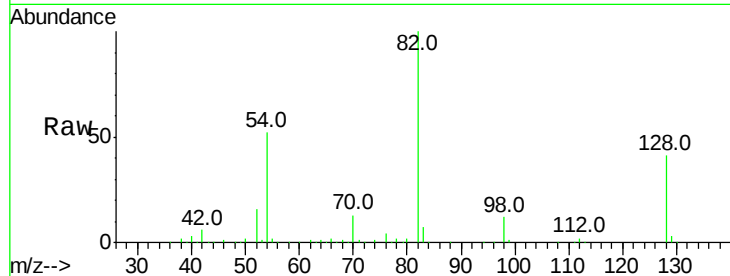




#23
 Nitrobenzene-d5
 Concen: 114.91 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027325.D
 Acq: 8 Jun 2017 20:18

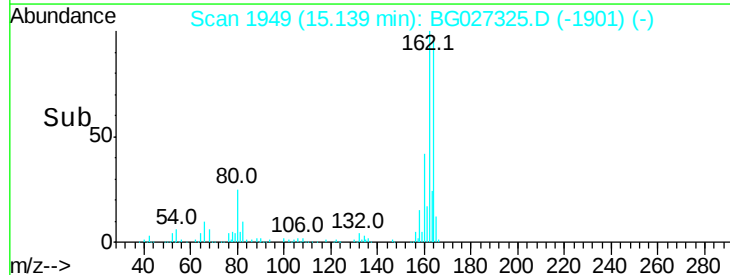
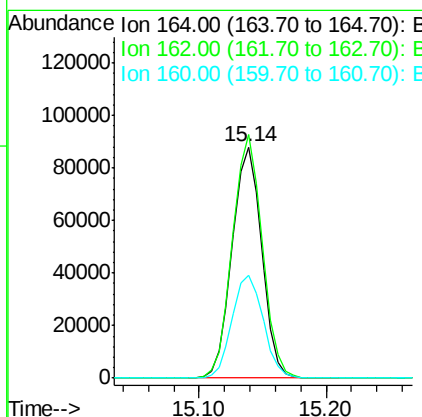
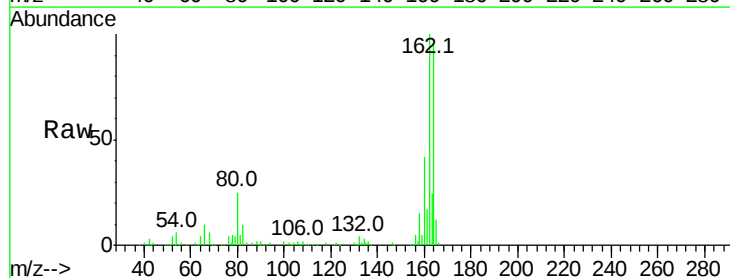
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 383906
 Ion Ratio Lower Upper
 82 100
 128 40.8 26.4 39.6#
 54 51.6 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027325.D
 Acq: 8 Jun 2017 20:18

Tgt Ion:164 Resp: 141422
 Ion Ratio Lower Upper
 164 100
 162 105.5 85.1 127.7
 160 44.4 34.7 52.1

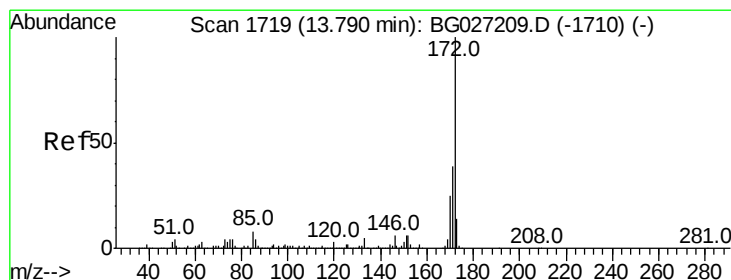
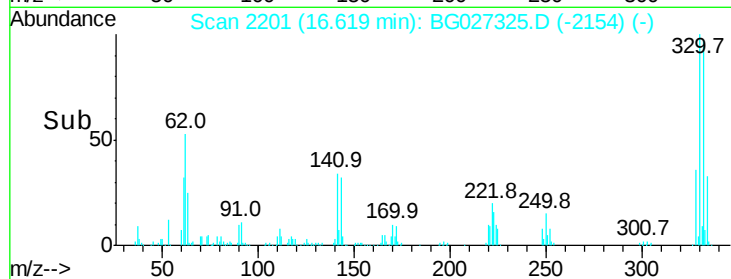
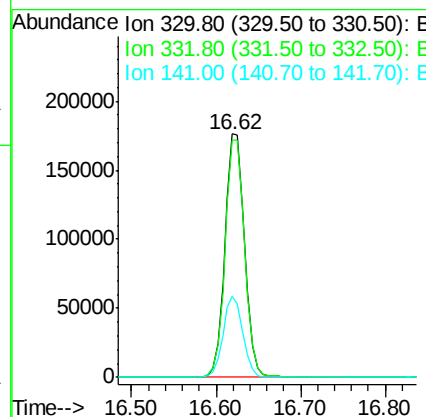
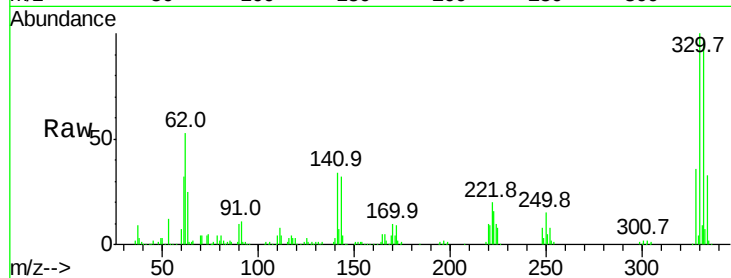




#41
 2,4,6-Tribromophenol
 Concen: 152.74 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027325.D
 Acq: 8 Jun 2017 20:18

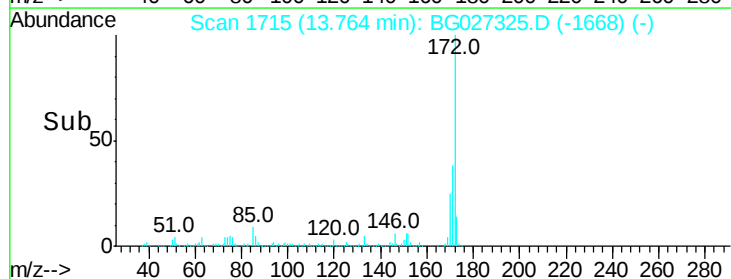
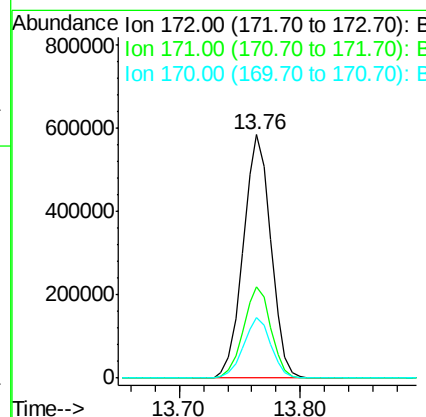
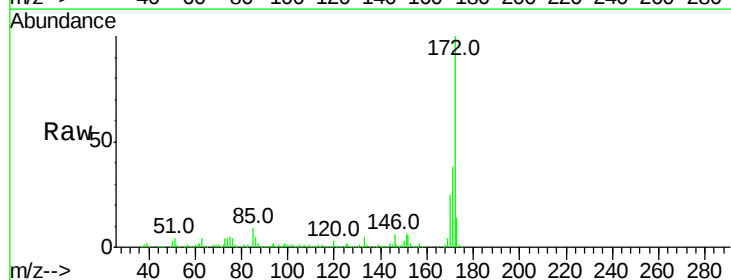
Instrument :
 BNA_G
 ClientSampleId :

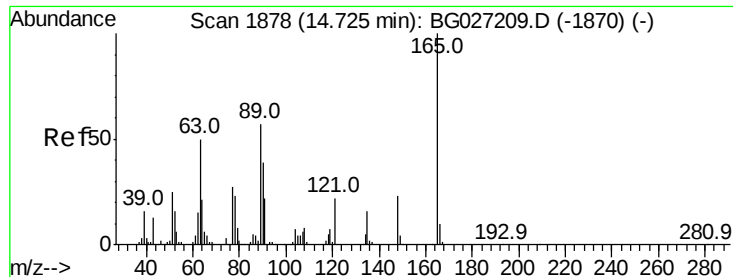
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	33.5	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 92.53 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027325.D
 Acq: 8 Jun 2017 20:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	24.7	21.8	32.6

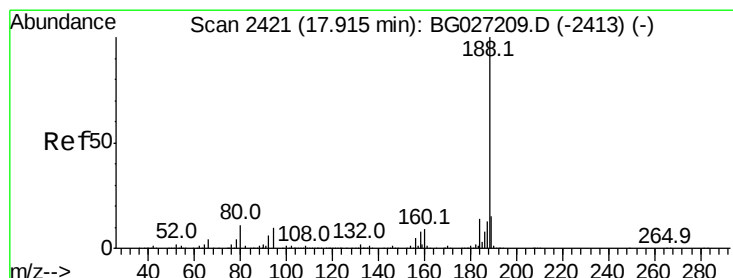
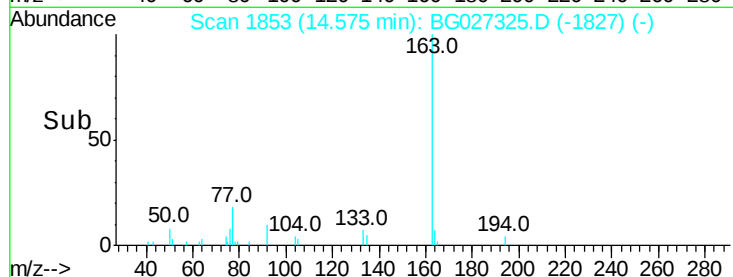
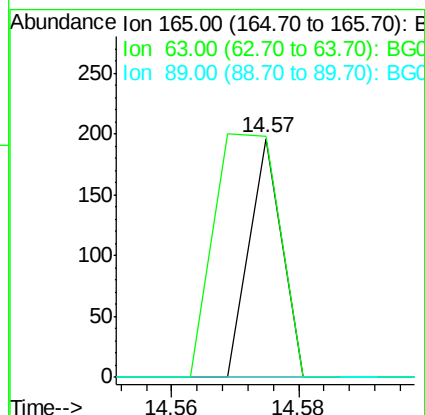
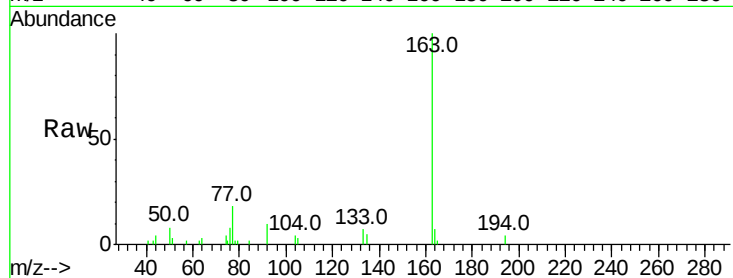




#50
 2,6-Dinitrotoluene
 Concen: 5.64 ng
 RT: 14.57 min Scan# 1853
 Delta R.T. -0.15 min
 Lab File: BG027325.D
 Acq: 8 Jun 2017 20:18

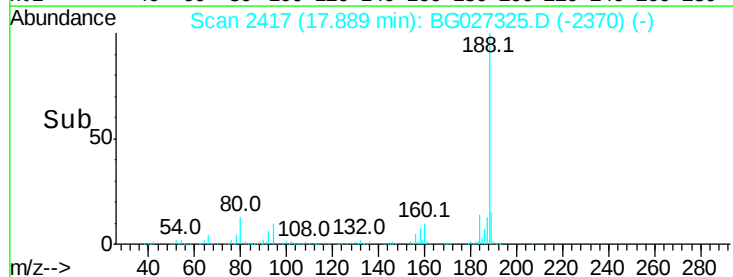
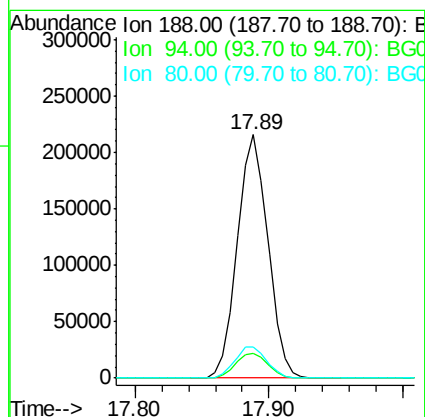
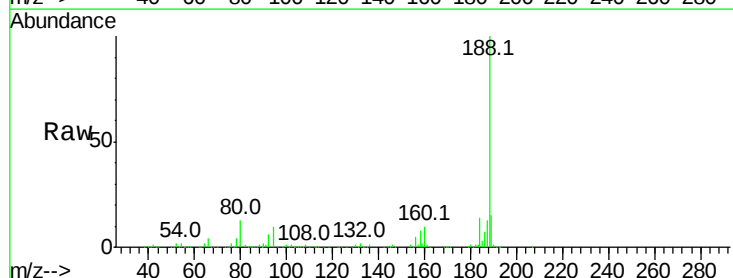
Instrument :
 BNA_G
 ClientSampleId :

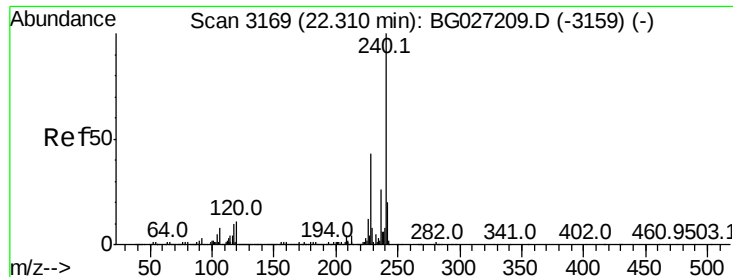
Tot Ion:165 Resp: 69
 Ion Ratio Lower Upper
 165 100
 63 101.0 63.9 95.9#
 89 0.0 58.6 88.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.89 min Scan# 2417
 Delta R.T. -0.03 min
 Lab File: BG027325.D
 Acq: 8 Jun 2017 20:18

Tgt Ion:188 Resp: 343032
 Ion Ratio Lower Upper
 188 100
 94 10.3 5.8 8.8#
 80 12.9 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.27 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG027325.D

Acq: 8 Jun 2017 20:18

Instrument :

BNA_G

ClientSampleId :

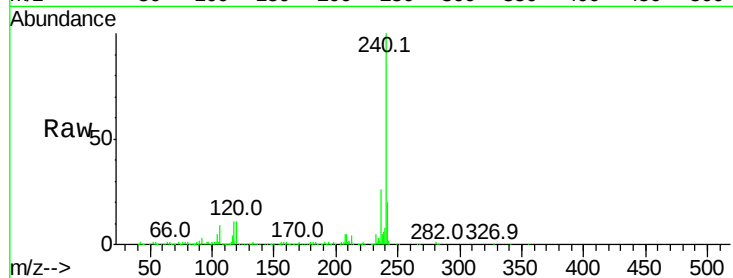
Tot Ion:240 Resp: 380570

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

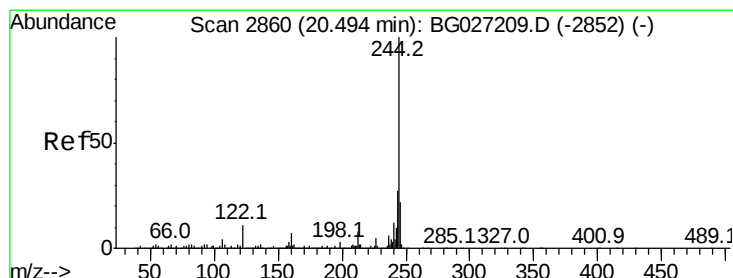
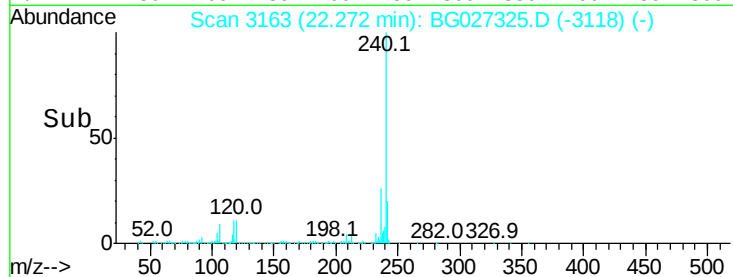
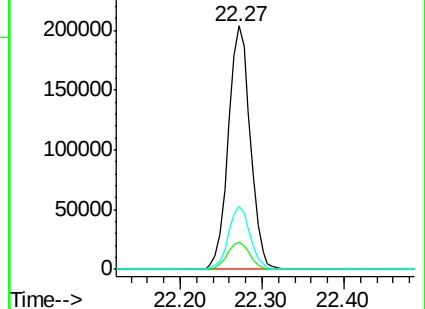
236 25.7 22.2 33.4



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: 103.49 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.03 min

Lab File: BG027325.D

Acq: 8 Jun 2017 20:18

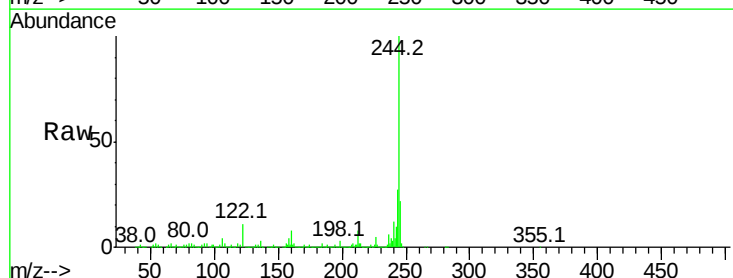
Tgt Ion:244 Resp: 1543950

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

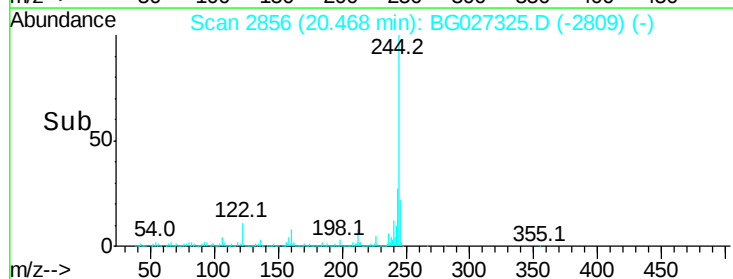
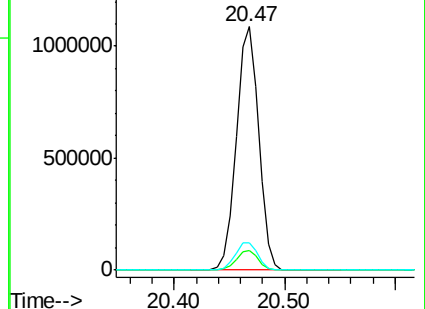
122 11.5 8.6 12.8

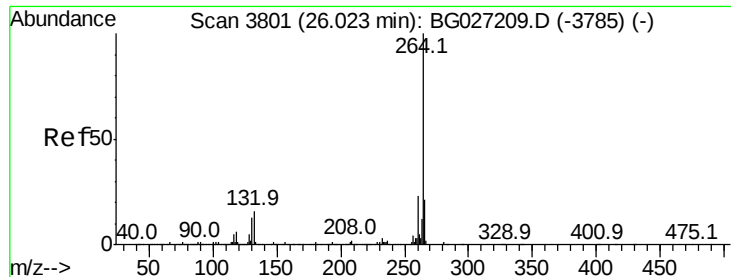


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

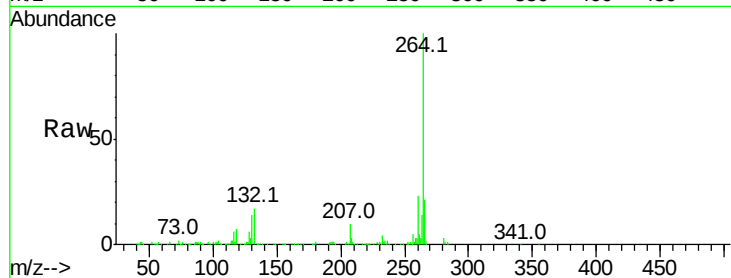




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.96 min Scan# 3791
 Delta R.T. -0.06 min
 Lab File: BG027325.D
 Acq: 8 Jun 2017 20:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	21.5	18.2	27.4



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

