

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027341.D
 Acq On : 9 Jun 2017 7:34
 Operator : SJ/MA
 Sample : I3460-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 08:22:37 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

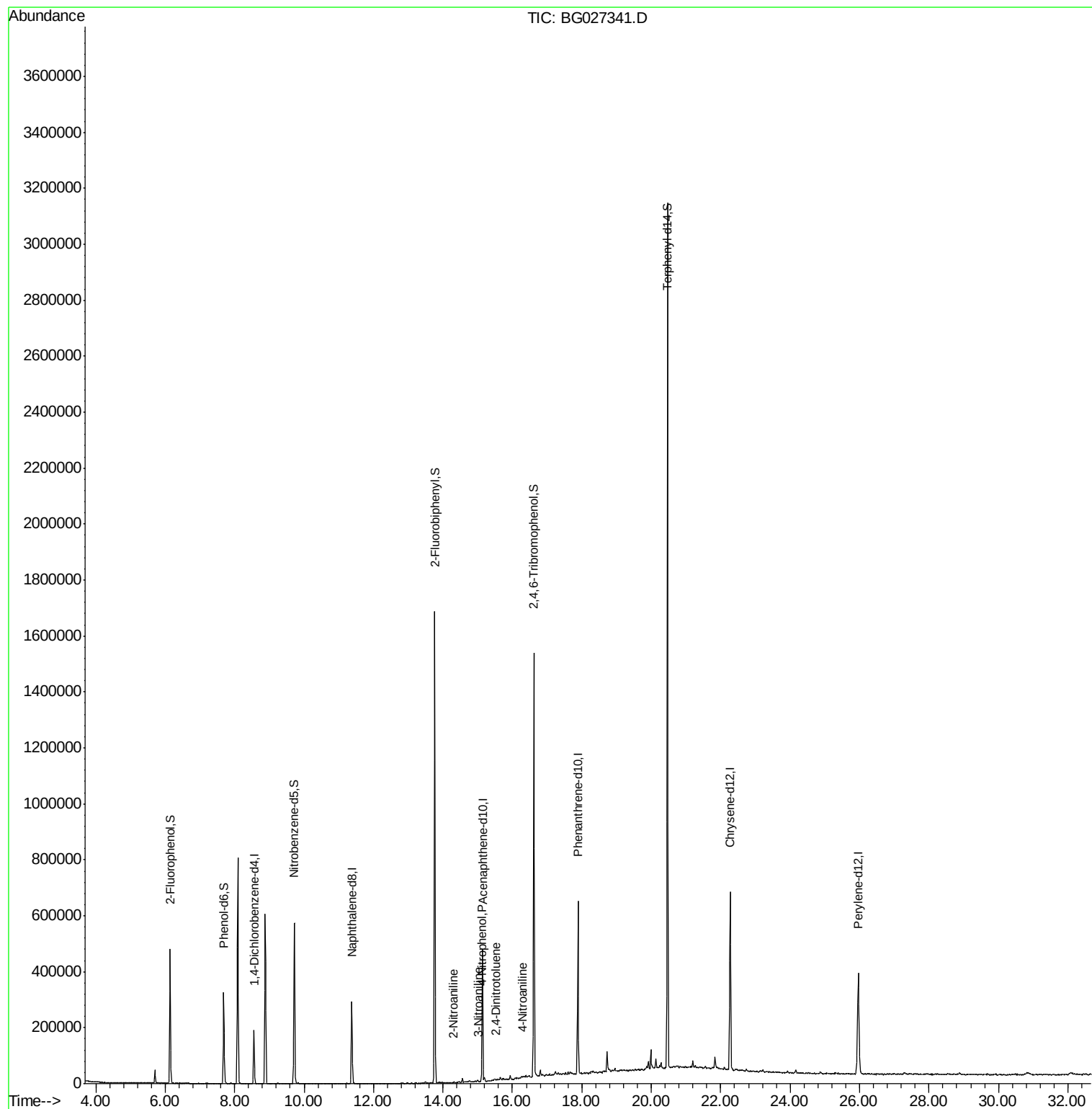
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	52764	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	255131	20.00	ng	-0.03
38) Acenaphthene-d10	15.14	164	166083	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	389852	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	445759	20.00	ng	-0.04
86) Perylene-d12	25.96	264	421850	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	221010	63.92	ng	-0.01
7) Phenol-d6	7.69	99	210339	41.44	ng	-0.01
23) Nitrobenzene-d5	9.72	82	392988	96.87	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	305334	139.61	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	900333	75.84	ng	-0.03
78) Terphenyl-d14	20.47	244	1405759	80.45	ng	-0.03
Target Compounds						
47) 2-Nitroaniline	14.29	65	58	6.85	ng	# 16
52) 3-Nitroaniline	15.03	138	56	5.73	ng	# 1
55) 4-Nitrophenol	15.12	139	73	6.15	ng	90
56) 2,4-Dinitrotoluene	15.53	165	55	7.00	ng	# 16
61) 4-Nitroaniline	16.31	138	70	5.92	ng	92

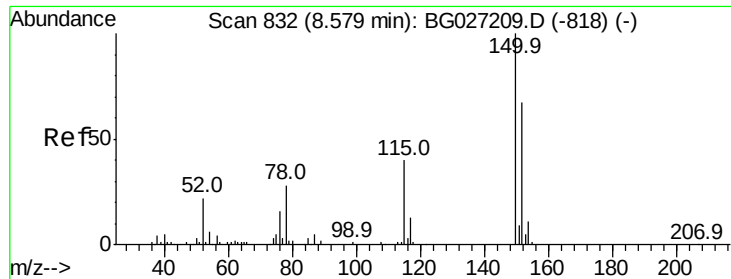
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



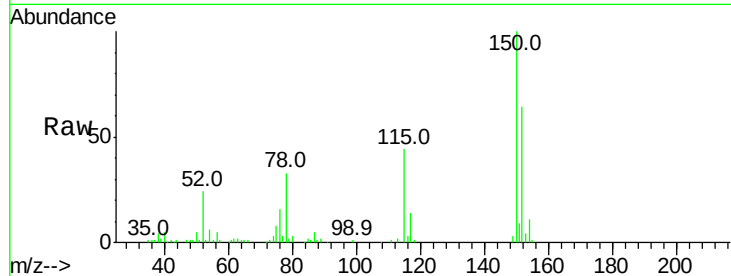


#1

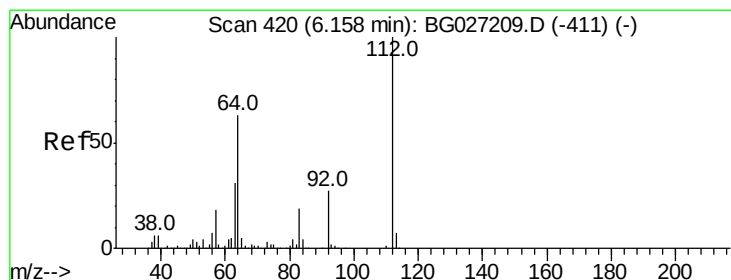
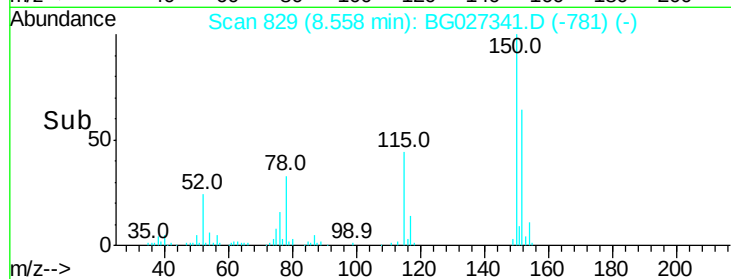
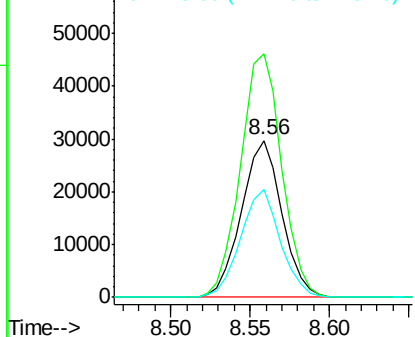
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027341.D
Acq: 9 Jun 2017 7:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 52764
Ion Ratio Lower Upper
152 100
150 155.2 114.0 171.0
115 68.6 48.1 72.1



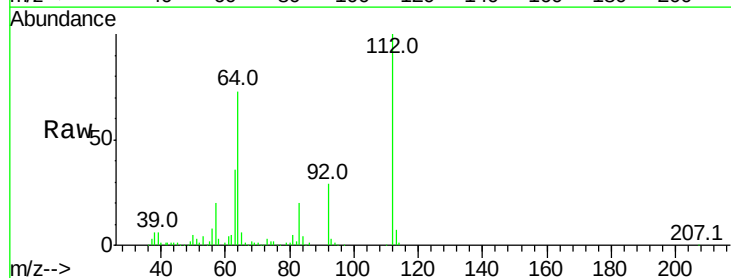
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



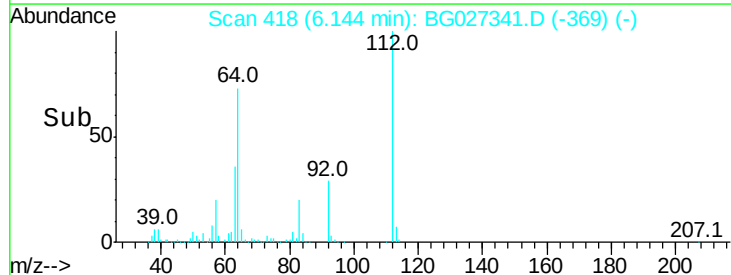
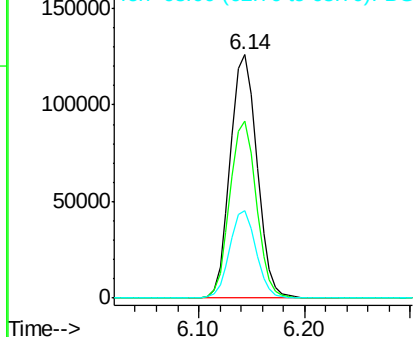
#5

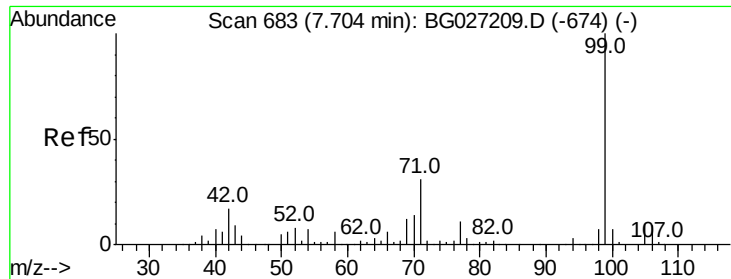
2-Fluorophenol
Concen: 63.92 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027341.D
Acq: 9 Jun 2017 7:34

Tgt Ion:112 Resp: 221010
Ion Ratio Lower Upper
112 100
64 72.7 61.8 92.6
63 35.7 37.2 55.8#



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





#7

Phenol-d6

Concen: 41.44 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027341.D

Acq: 9 Jun 2017 7:34

Instrument :

BNA_G

ClientSampleId :

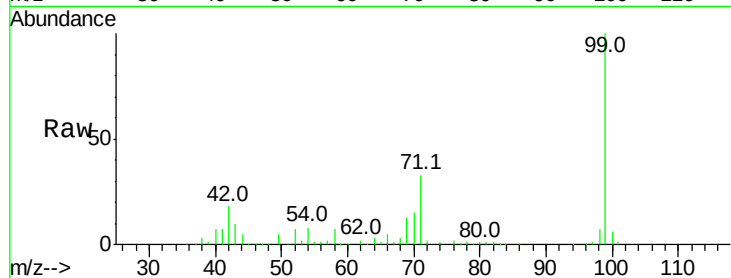
Tot Ion: 99 Resp: 210339

Ion Ratio Lower Upper

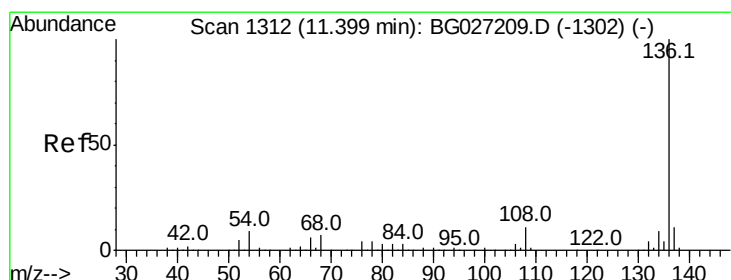
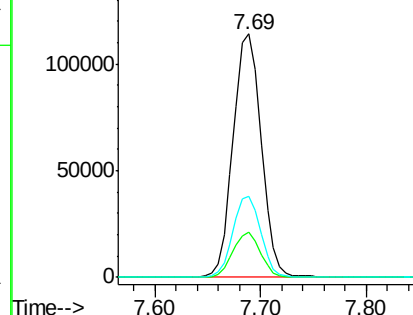
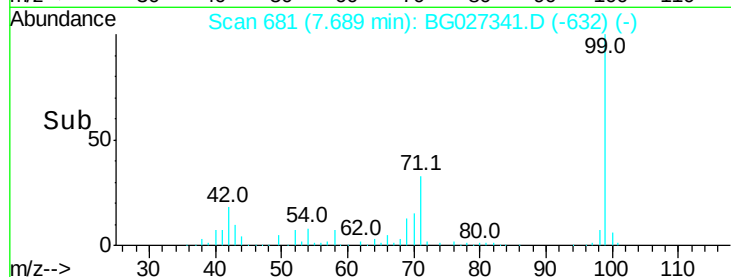
99 100

42 18.4 20.5 30.7#

71 33.5 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: 11.37 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BG027341.D

Acq: 9 Jun 2017 7:34

Tgt Ion: 136 Resp: 255131

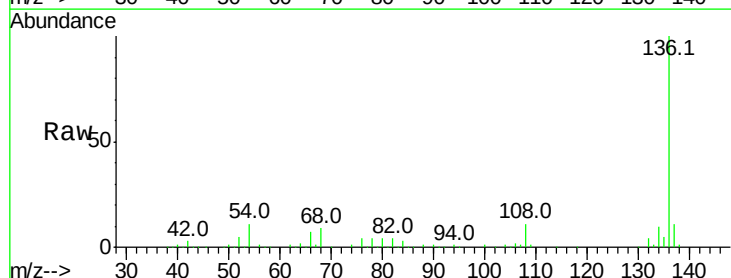
Ion Ratio Lower Upper

136 100

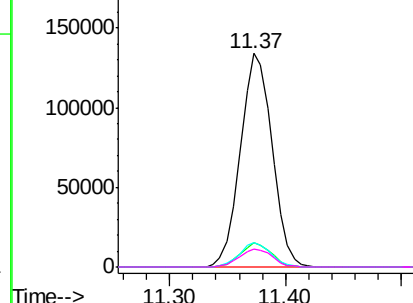
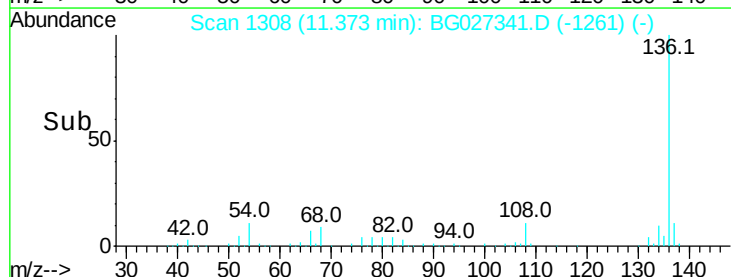
137 11.2 8.9 13.3

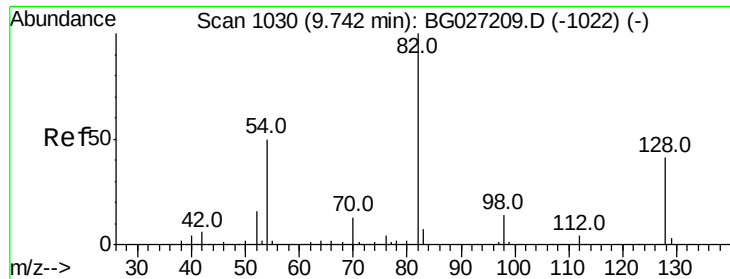
54 11.3 9.3 13.9

68 8.6 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

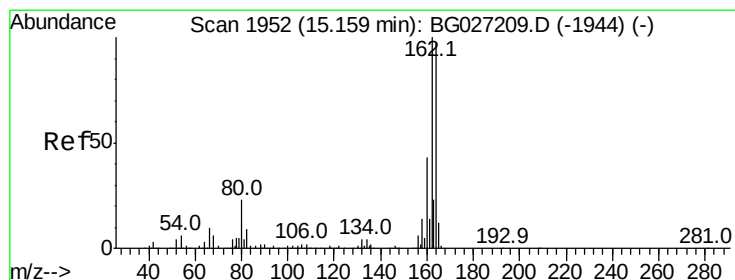
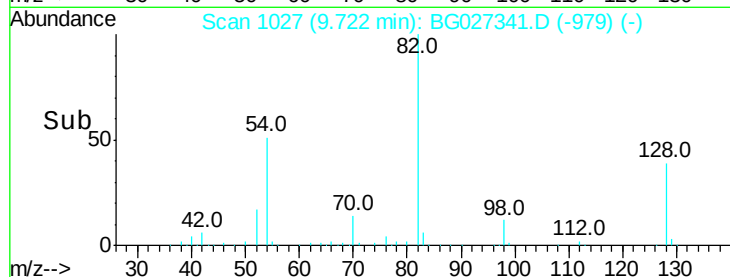
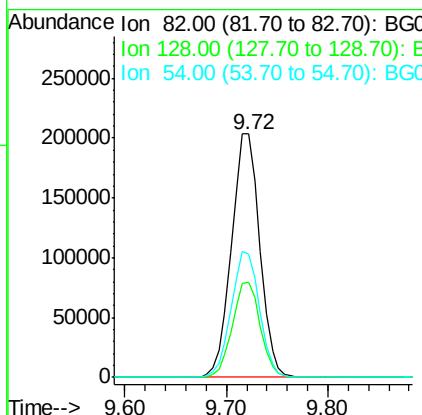
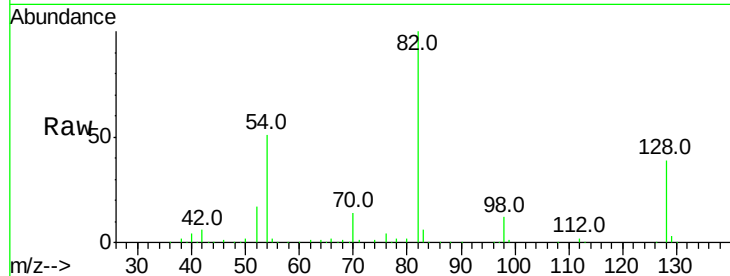




#23
 Nitrobenzene-d5
 Concen: 96.87 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027341.D
 Acq: 9 Jun 2017 7:34

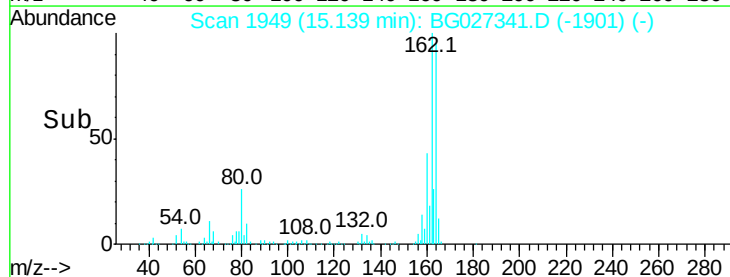
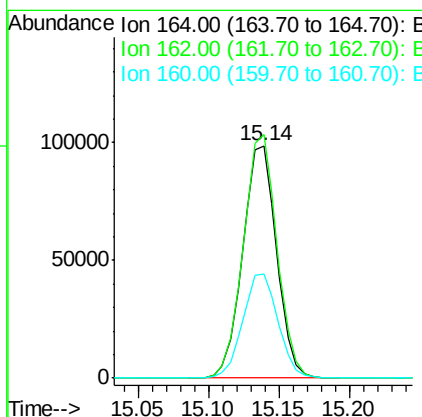
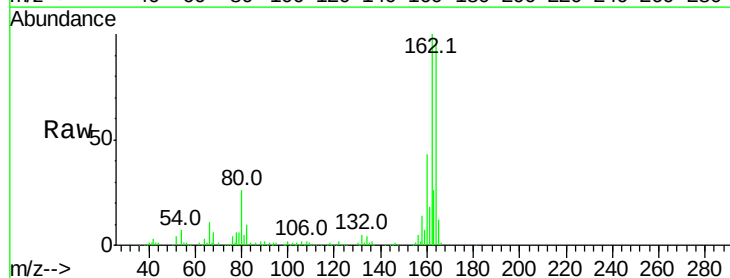
Instrument :
 BNA_G
 ClientSampleId :

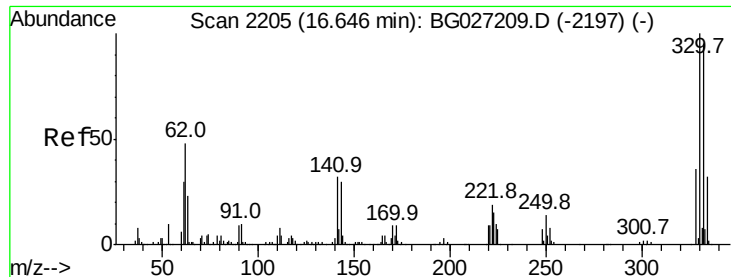
Tot Ion	82	Resp	392988
Ion	Ratio	Lower	Upper
82	100		
128	38.9	26.4	39.6
54	50.7	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027341.D
 Acq: 9 Jun 2017 7:34

Tgt Ion	164	Resp	166083
Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.1	127.7
160	44.9	34.7	52.1

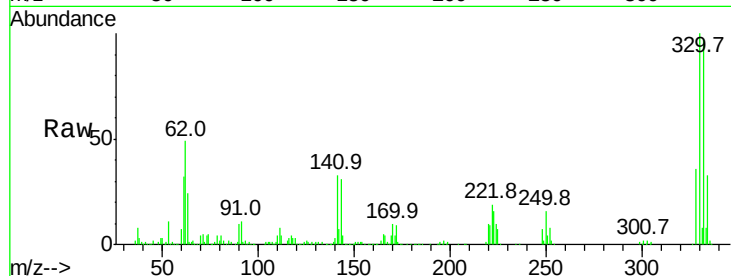




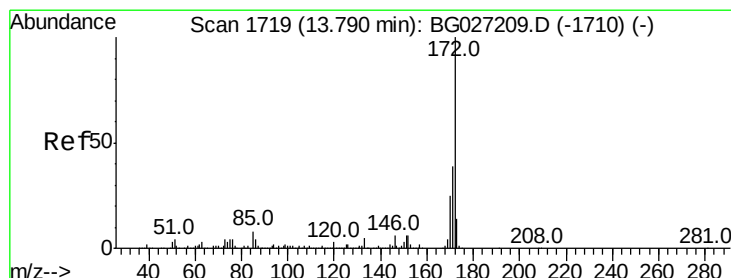
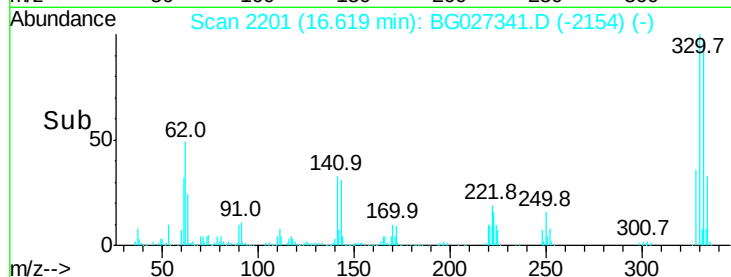
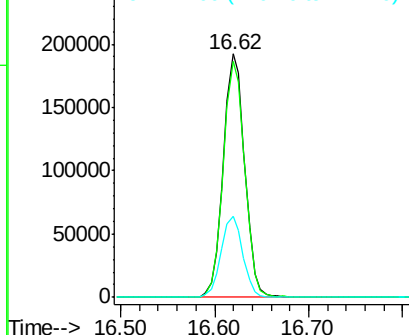
#41
 2,4,6-Tribromophenol
 Concen: 139.61 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027341.D
 Acq: 9 Jun 2017 7:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	33.9	32.1	48.1

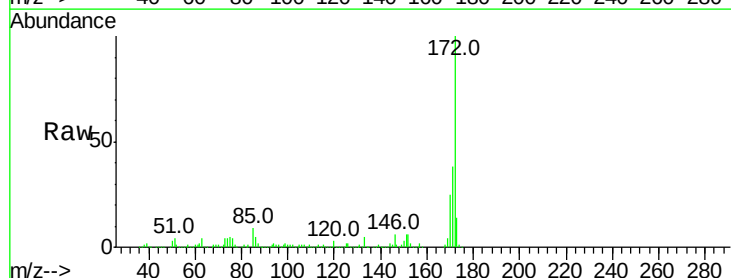


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

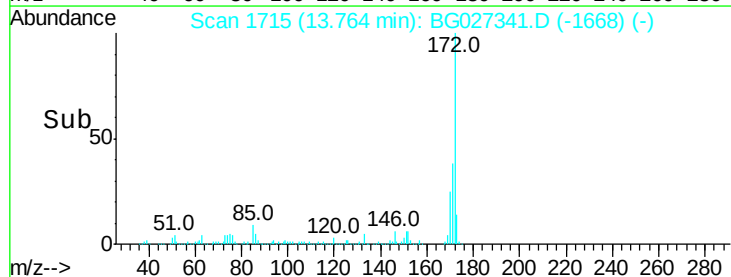
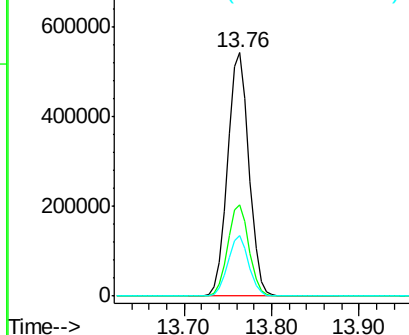


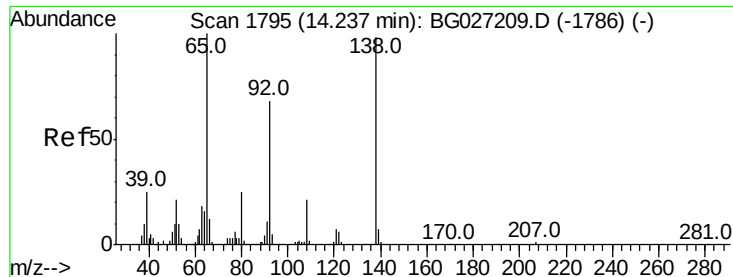
#44
 2-Fluorobiphenyl
 Concen: 75.84 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027341.D
 Acq: 9 Jun 2017 7:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	24.6	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

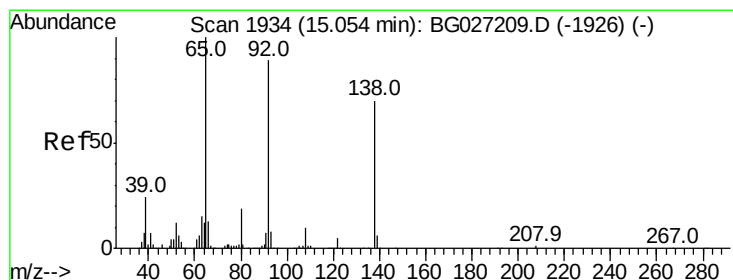
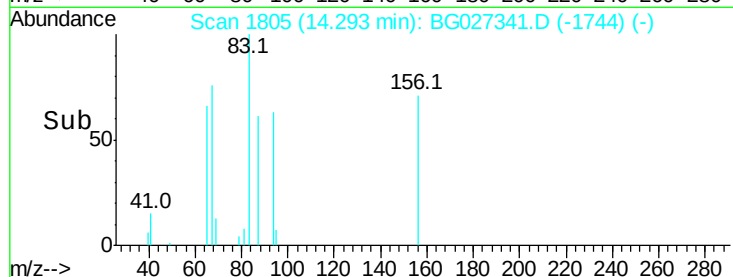
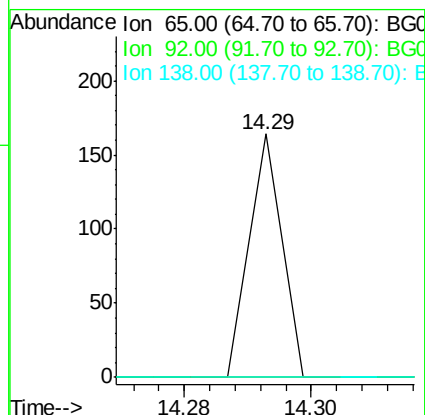
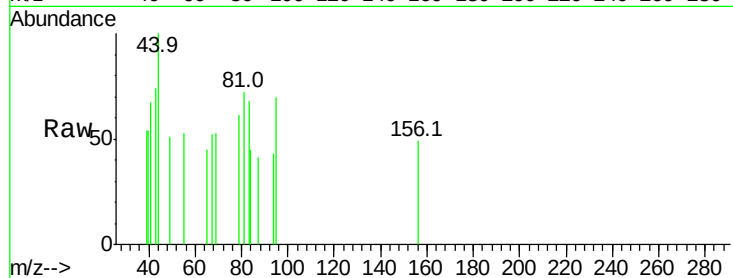




#47
2-Nitroaniline
Concen: 6.85 ng
RT: 14.29 min Scan# 1805
Delta R.T. 0.06 min
Lab File: BG027341.D
Acq: 9 Jun 2017 7:34

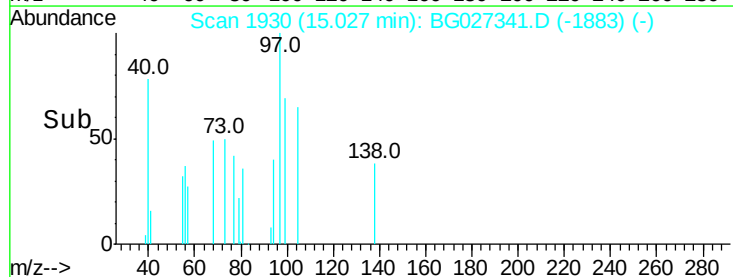
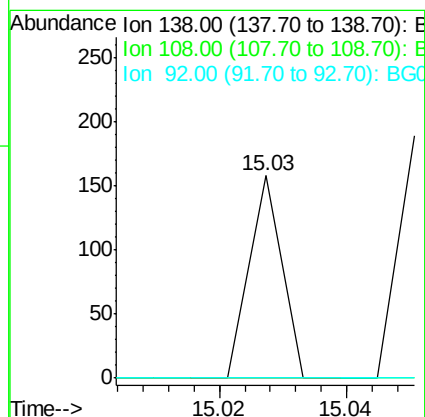
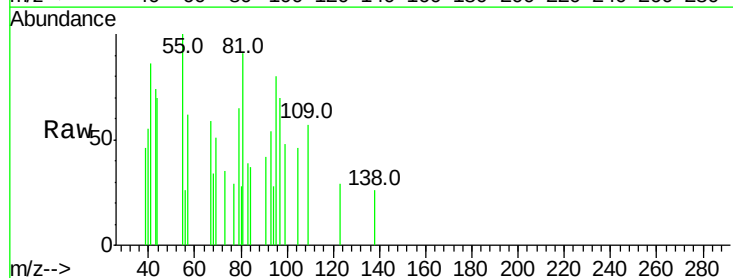
Instrument :
BNA_G
ClientSampleId :

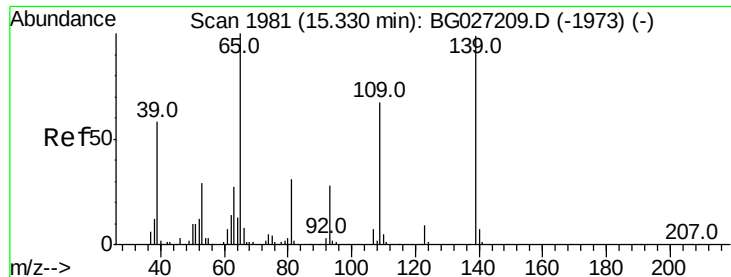
Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	49.0	73.4#
138	0.0	58.6	87.8#



#52
3-Nitroaniline
Concen: 5.73 ng
RT: 15.03 min Scan# 1930
Delta R.T. -0.03 min
Lab File: BG027341.D
Acq: 9 Jun 2017 7:34

Tgt Ion	Ratio	Lower	Upper
138	100		
108	0.0	10.9	16.3#
92	0.0	115.3	172.9#





#55

4-Nitrophenol

Concen: 6.15 ng

RT: 15.12 min Scan# 1945

Delta R.T. -0.21 min

Lab File: BG027341.D

Acq: 9 Jun 2017 7:34

Instrument :

BNA_G

ClientSampled :

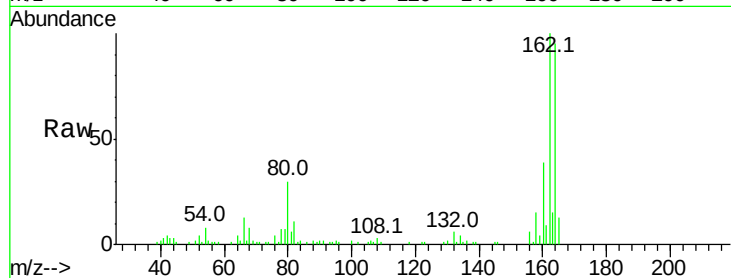
Tot Ion:139 Resp: 73

Ion Ratio Lower Upper

139 100

109 115.4 101.2 141.2

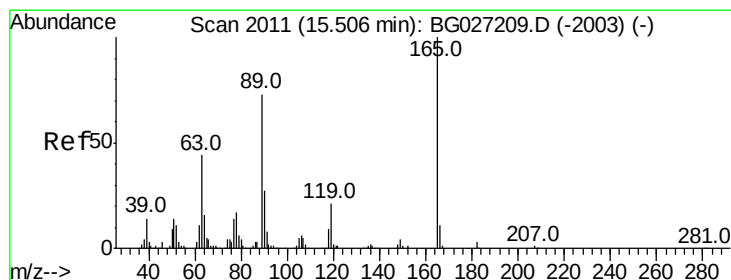
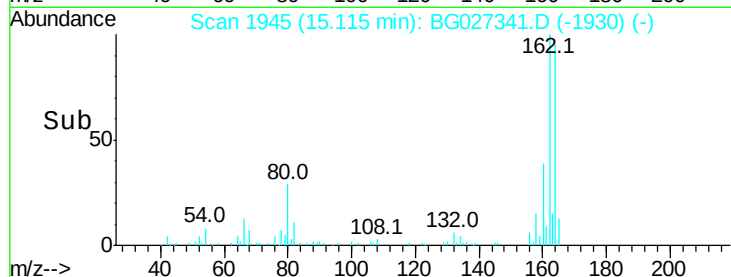
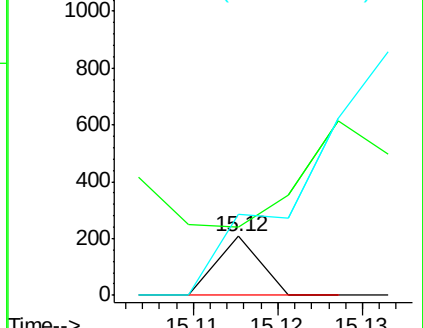
65 138.0 135.3 175.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 7.00 ng

RT: 15.53 min Scan# 2016

Delta R.T. 0.03 min

Lab File: BG027341.D

Acq: 9 Jun 2017 7:34

Tgt Ion:165 Resp: 55

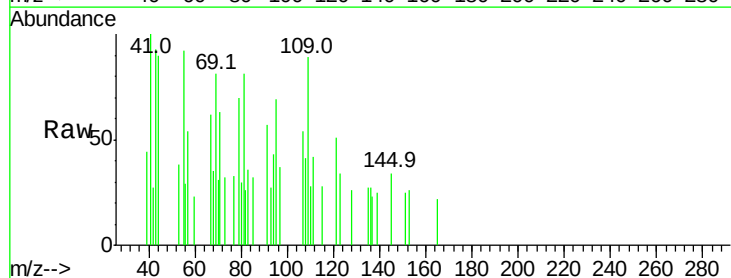
Ion Ratio Lower Upper

165 100

63 0.0 44.0 66.0#

89 0.0 67.3 100.9#

182 0.0 3.8 5.6#

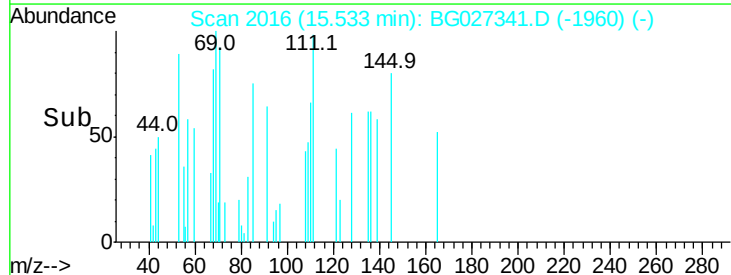
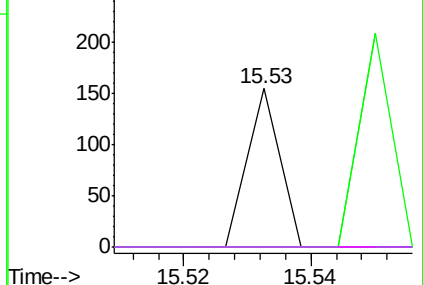


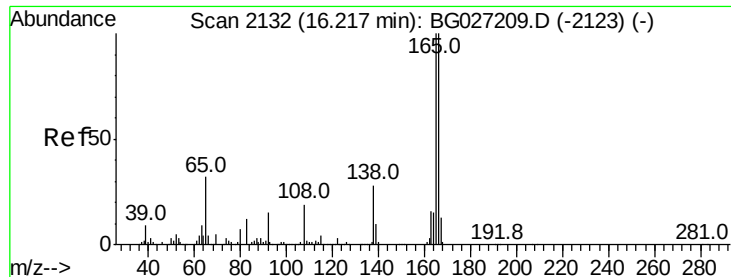
Abundance Ion 165.00 (164.70 to 165.70): E

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

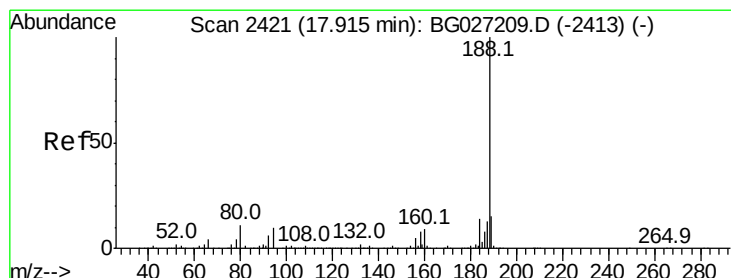
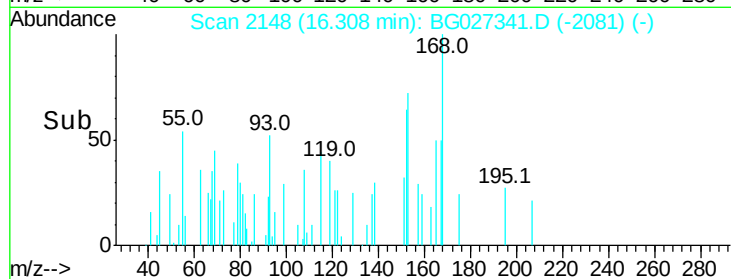
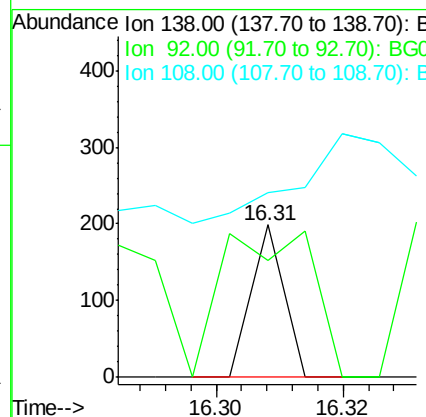
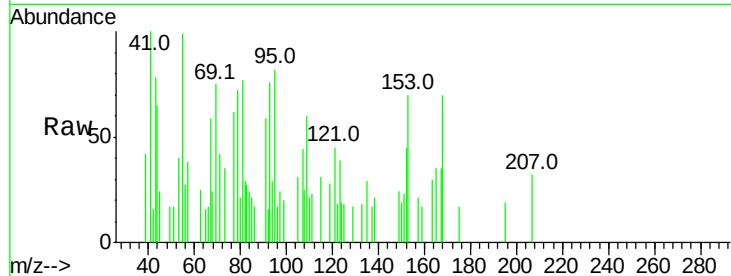




#61
4-Nitroaniline
Concen: 5.92 ng
RT: 16.31 min Scan# 2148
Delta R.T. 0.09 min
Lab File: BG027341.D
Acq: 9 Jun 2017 7:34

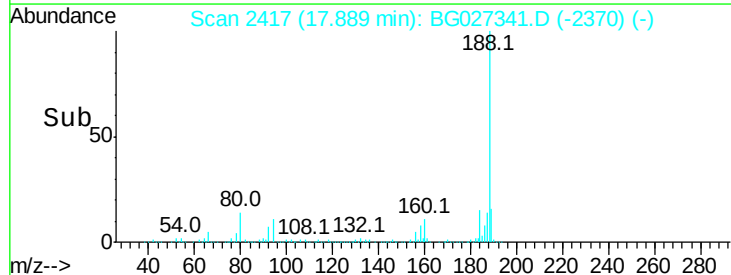
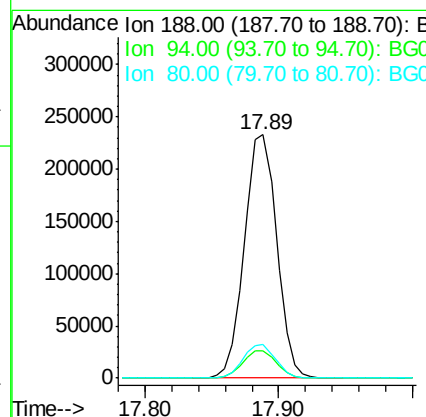
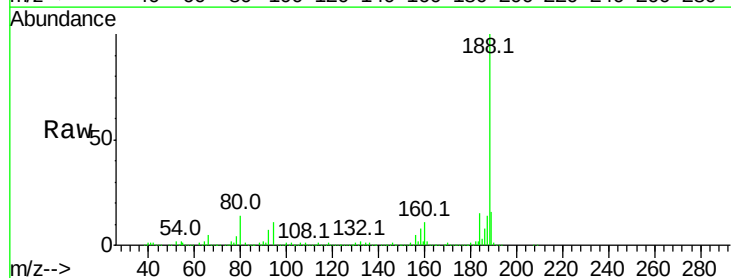
Instrument :
BNA_G
ClientSampleId :

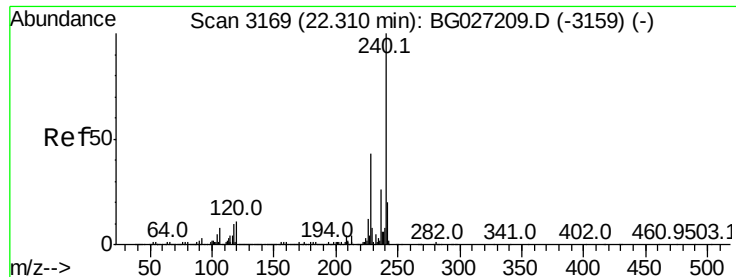
Tot Ion:138 Resp: 70
Ion Ratio Lower Upper
138 100
92 76.9 44.2 84.2
108 121.1 104.8 144.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027341.D
Acq: 9 Jun 2017 7:34

Tgt Ion:188 Resp: 389852
Ion Ratio Lower Upper
188 100
94 11.4 5.8 8.8#
80 13.8 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: BG027341.D

Acq: 9 Jun 2017 7:34

Instrument :

BNA_G

ClientSampleId :

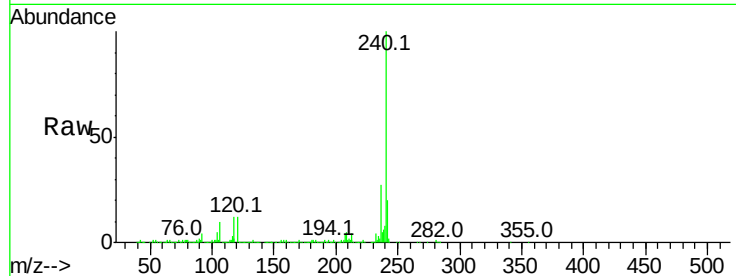
Tot Ion:240 Resp: 445759

Ion Ratio Lower Upper

240 100

120 12.4 5.7 8.5#

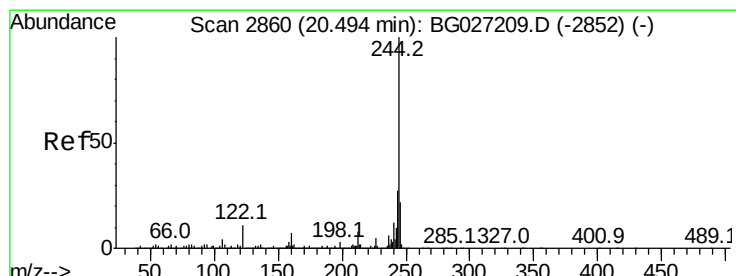
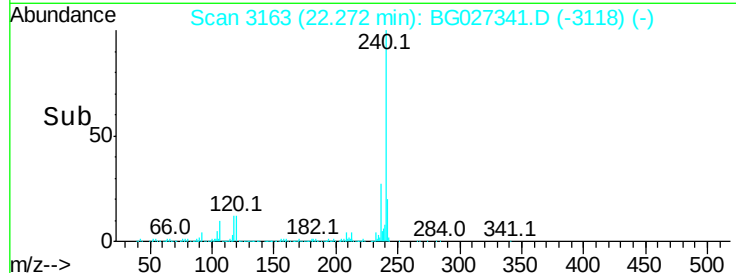
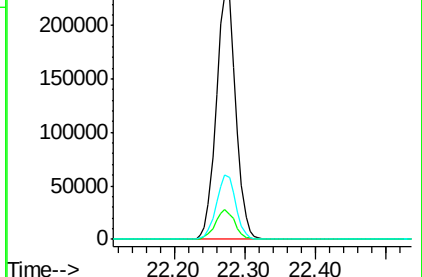
236 26.7 22.2 33.4



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: 80.45 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.03 min

Lab File: BG027341.D

Acq: 9 Jun 2017 7:34

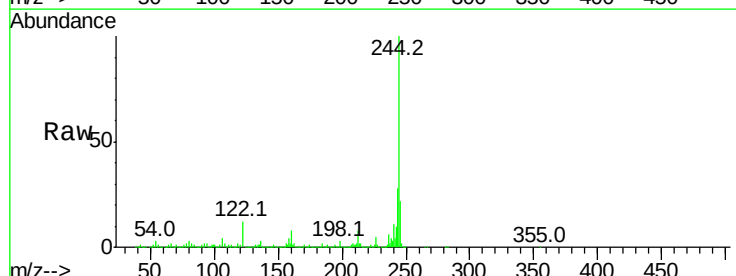
Tgt Ion:244 Resp: 1405759

Ion Ratio Lower Upper

244 100

212 8.5 10.0 15.0#

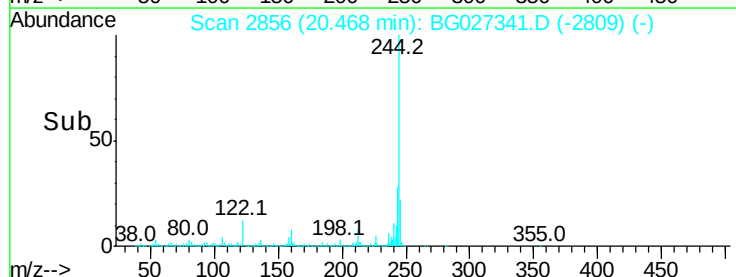
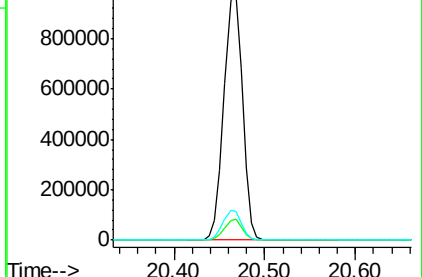
122 11.8 8.6 12.8

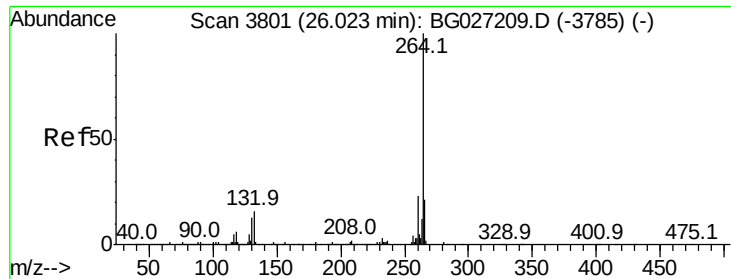


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG027341.D
Acq: 9 Jun 2017 7:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.8	32.8
265	21.6	18.2	27.4

