

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027302.D
 Acq On : 8 Jun 2017 3:09
 Operator : SJ/MA
 Sample : I3487-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-060517

Quant Time: Jun 08 07:26:49 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

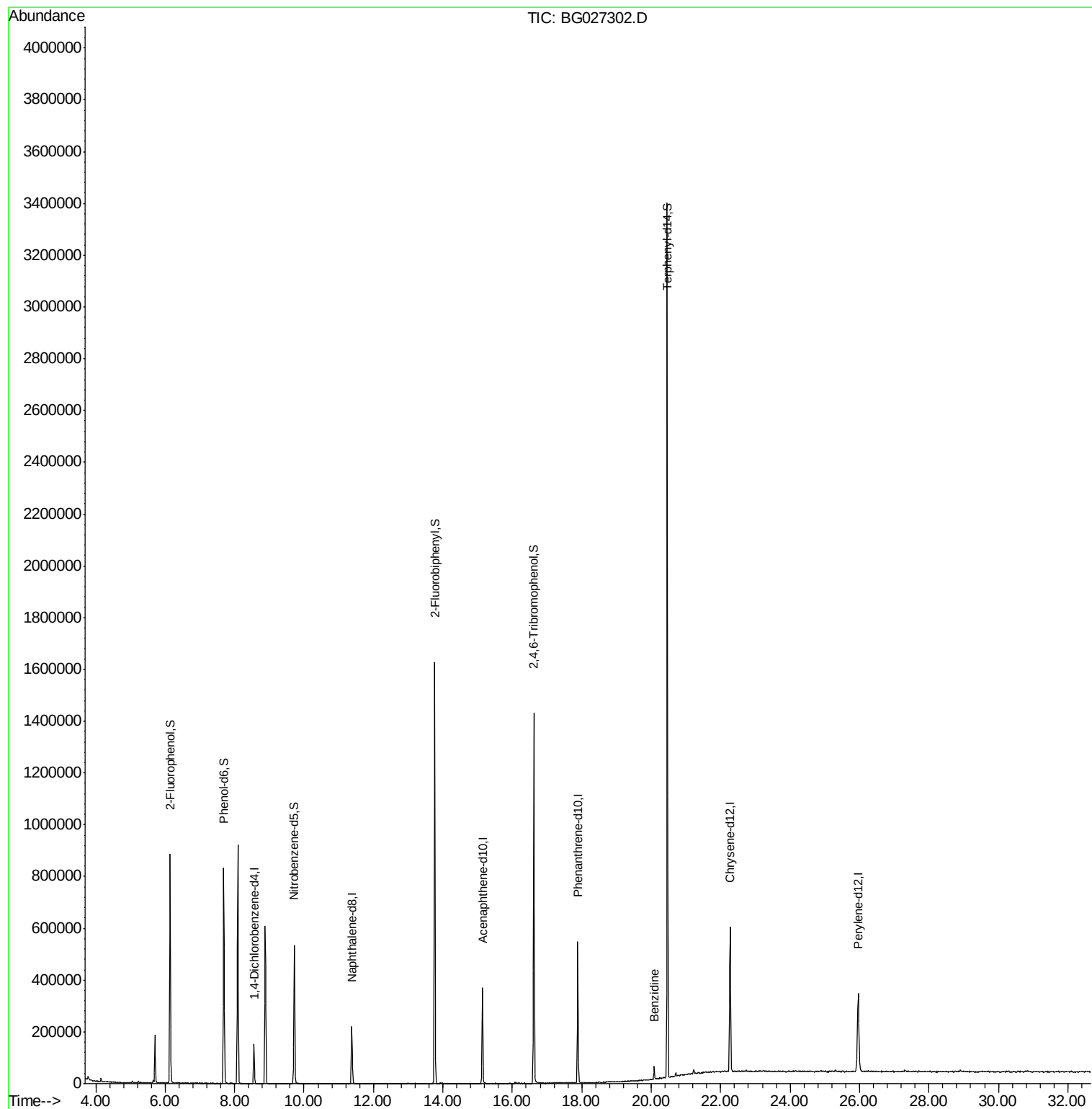
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	43073	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	199522	20.00	ng	-0.03
38) Acenaphthene-d10	15.14	164	132320	20.00	ng	-0.02
63) Phenanthrene-d10	17.88	188	347024	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	391328	20.00	ng	-0.04
86) Perylene-d12	25.96	264	363882	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	413424	146.47	ng	-0.01
7) Phenol-d6	7.69	99	546960	132.01	ng	-0.01
23) Nitrobenzene-d5	9.72	82	362304	114.20	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	293460	168.42	ng	-0.03
44) 2-Fluorobiphenyl	13.77	172	861579	91.09	ng	-0.03
78) Terphenyl-d14	20.46	244	1543333	100.61	ng	-0.03
Target Compounds						
76) Benzidine	20.09	184	30358	2.58	ng	Qvalue # 93

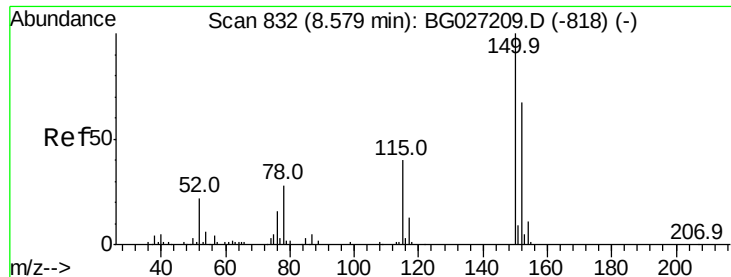
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027302.D

Acq: 8 Jun 2017 3:09

Instrument :

BNA_G

ClientSampleId :

OK-03-060517

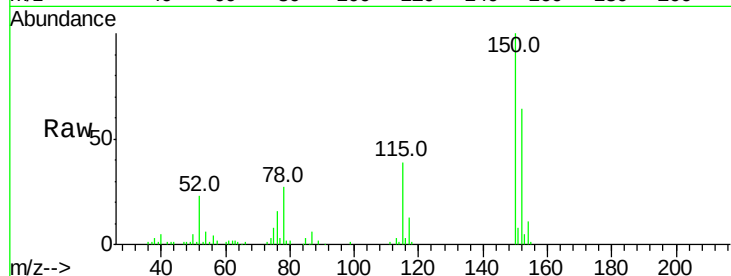
Tot Ion:152 Resp: 43073

Ion Ratio Lower Upper

152 100

150 155.6 114.0 171.0

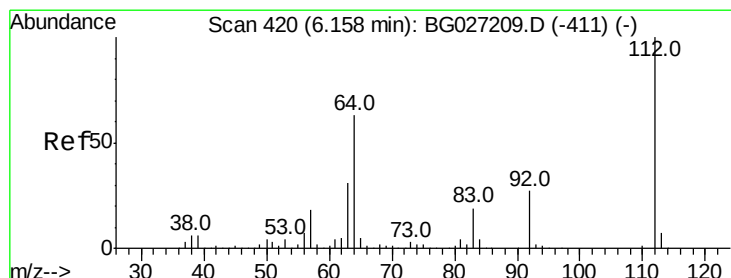
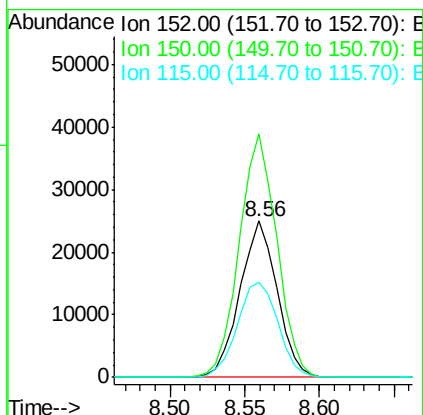
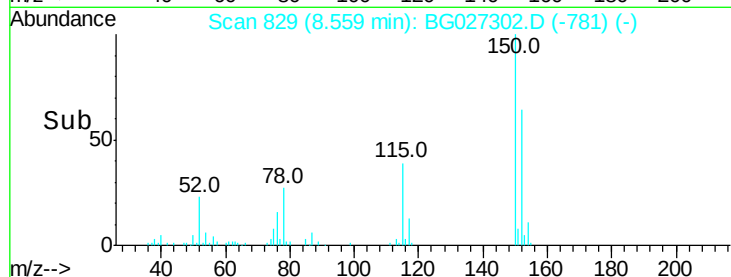
115 60.4 48.1 72.1



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: 146.47 ng

RT: 6.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027302.D

Acq: 8 Jun 2017 3:09

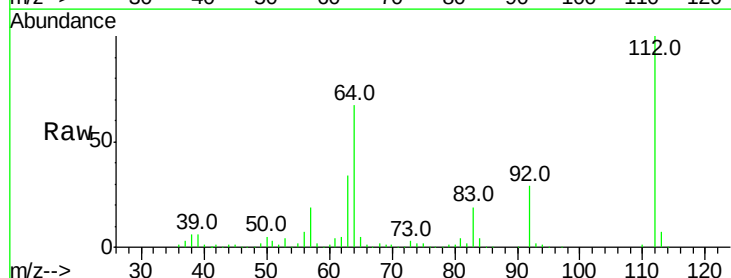
Tgt Ion:112 Resp: 413424

Ion Ratio Lower Upper

112 100

64 67.0 61.8 92.6

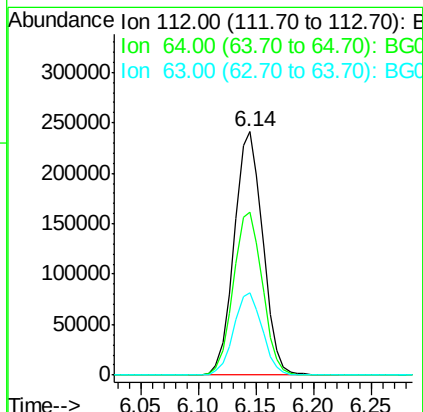
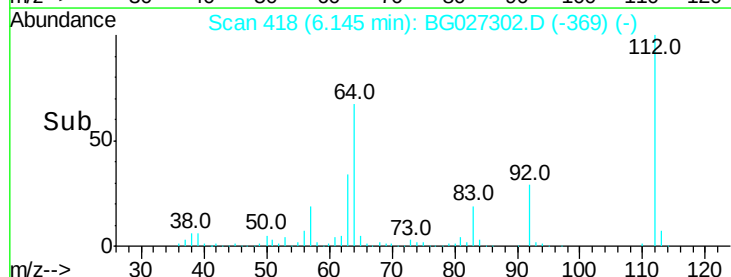
63 33.6 37.2 55.8#

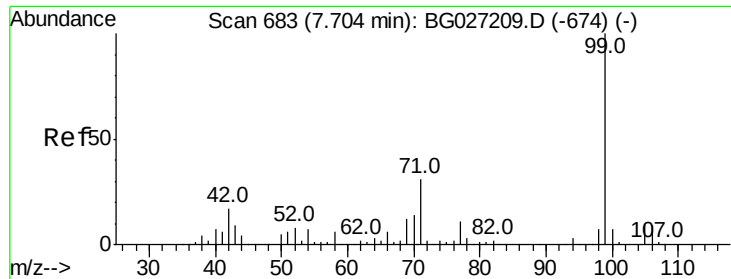


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 132.01 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027302.D

Acq: 8 Jun 2017 3:09

Instrument :

BNA_G

ClientSampleId :

OK-03-060517

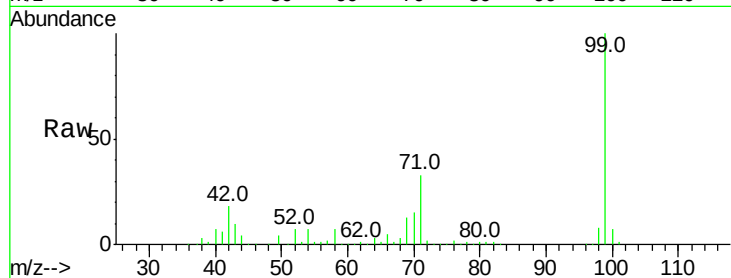
Tot Ion: 99 Resp: 546960

Ion Ratio Lower Upper

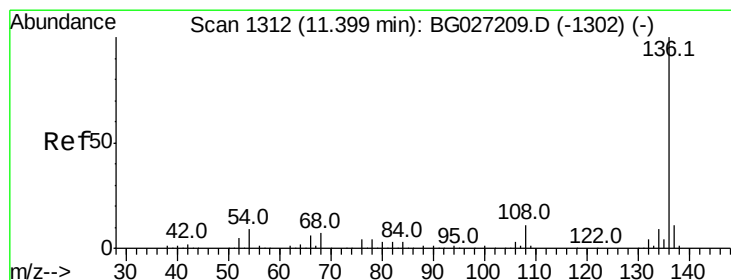
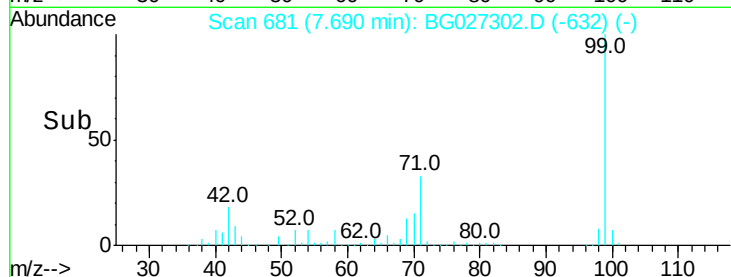
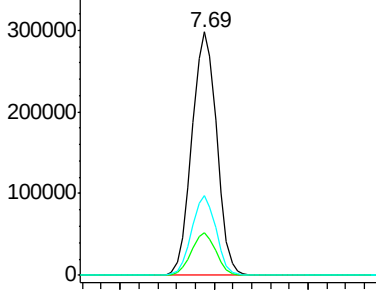
99 100

42 17.8 20.5 30.7#

71 32.6 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: 11.37 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BG027302.D

Acq: 8 Jun 2017 3:09

Tgt Ion: 136 Resp: 199522

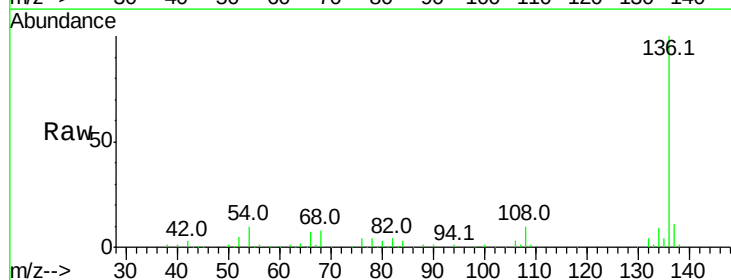
Ion Ratio Lower Upper

136 100

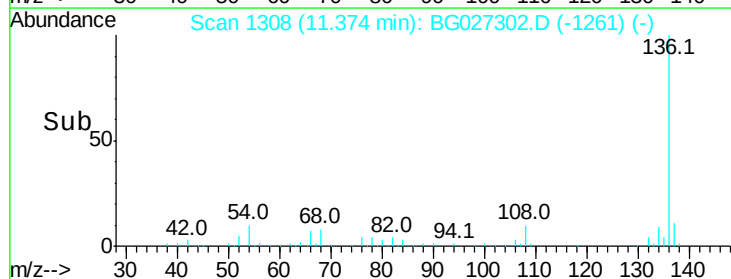
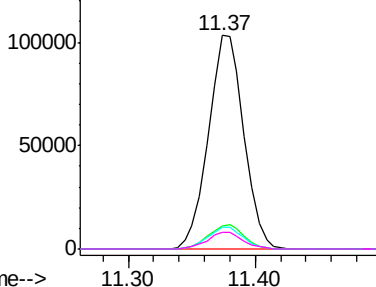
137 11.0 8.9 13.3

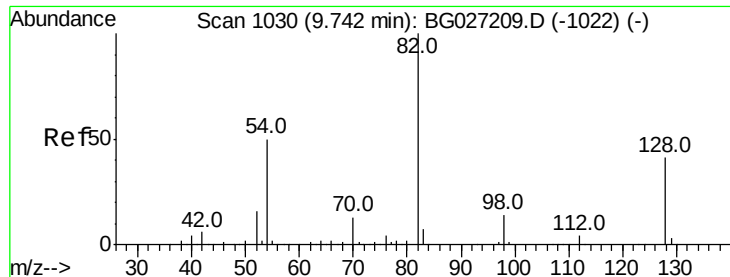
54 10.2 9.3 13.9

68 8.0 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

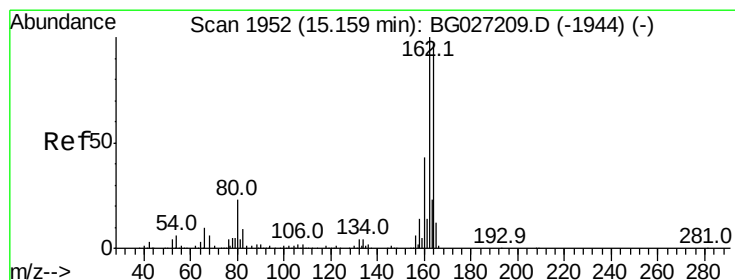
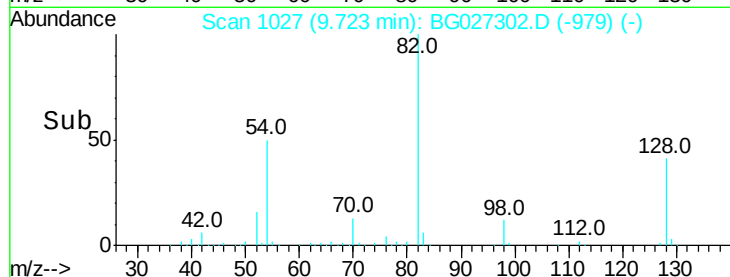
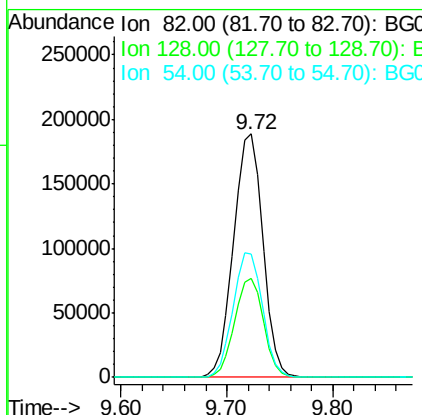
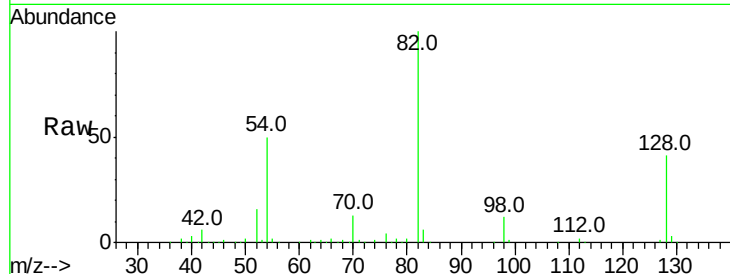




#23
 Nitrobenzene-d5
 Concen: 114.20 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027302.D
 Acq: 8 Jun 2017 3:09

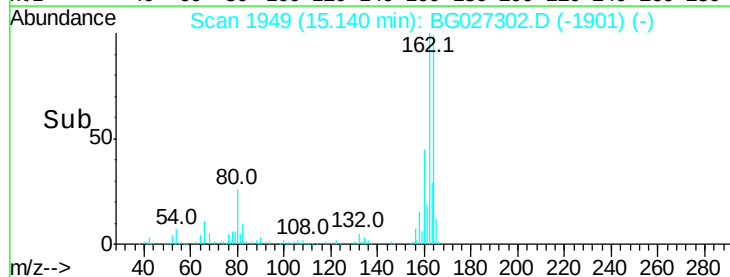
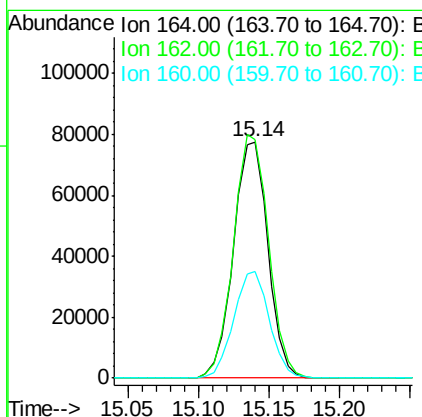
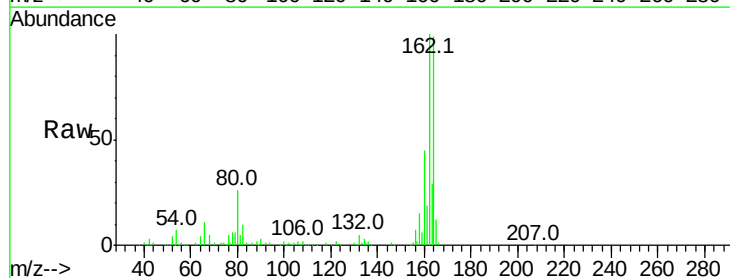
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-060517

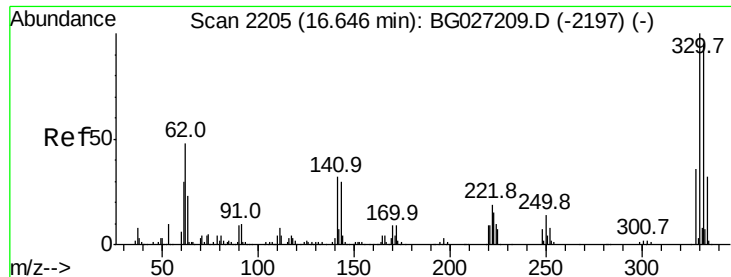
Tot Ion	82	Resp	362304
Ion	Ratio	Lower	Upper
82	100		
128	40.6	26.4	39.6#
54	50.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027302.D
 Acq: 8 Jun 2017 3:09

Tgt Ion	164	Resp	132320
Ion	Ratio	Lower	Upper
164	100		
162	100.7	85.1	127.7
160	45.4	34.7	52.1

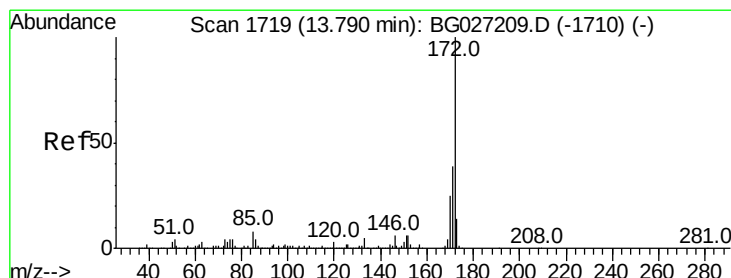
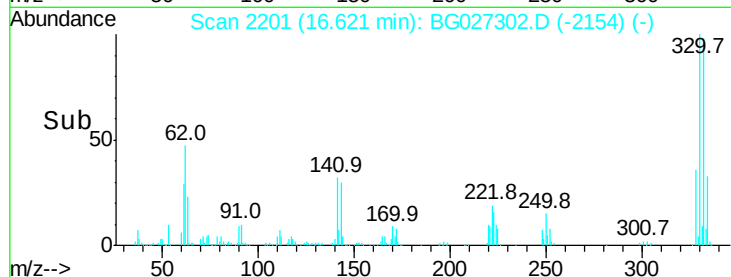
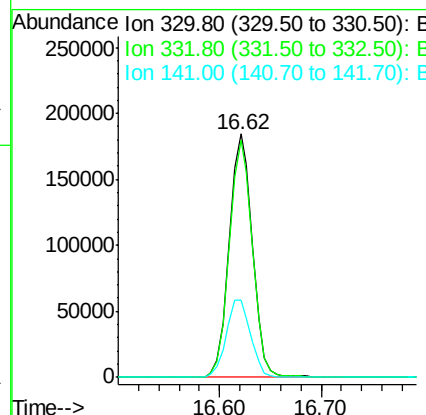
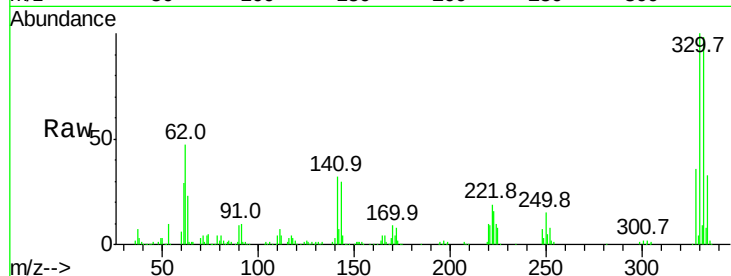




#41
 2,4,6-Tribromophenol
 Concen: 168.42 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027302.D
 Acq: 8 Jun 2017 3:09

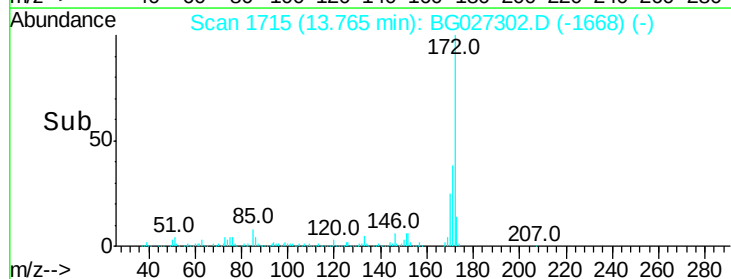
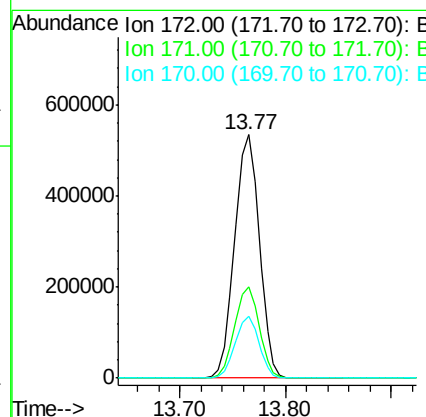
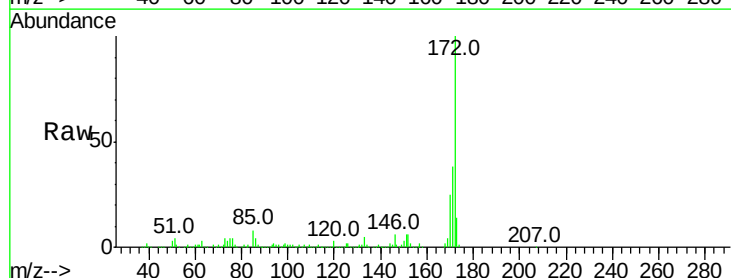
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-060517

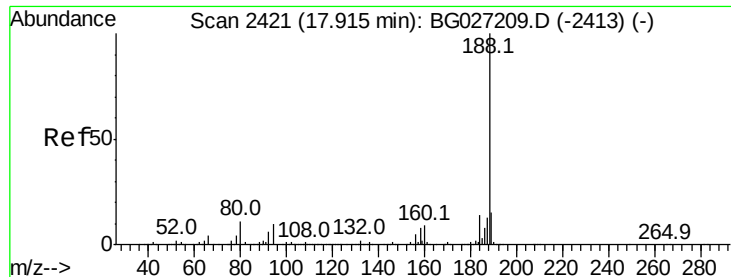
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	33.5	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 91.09 ng
 RT: 13.77 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027302.D
 Acq: 8 Jun 2017 3:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	25.3	21.8	32.6

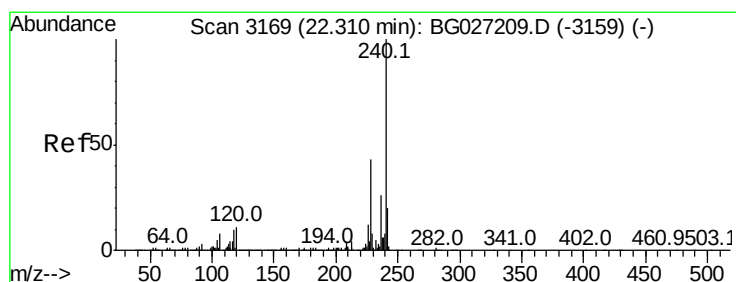
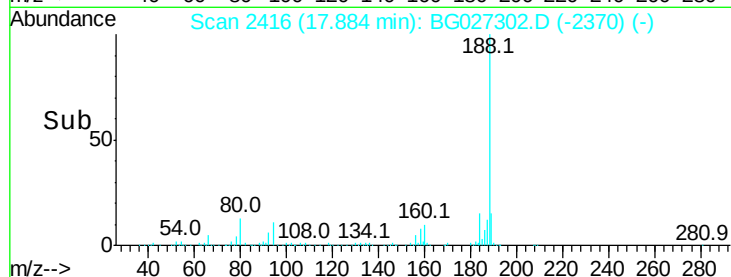
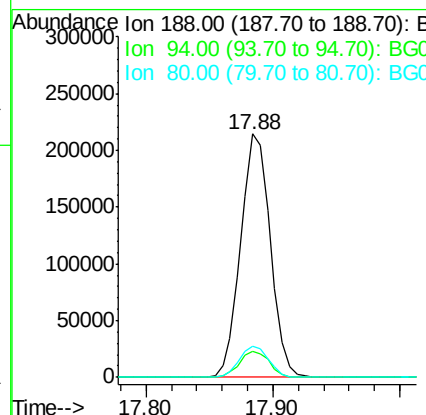
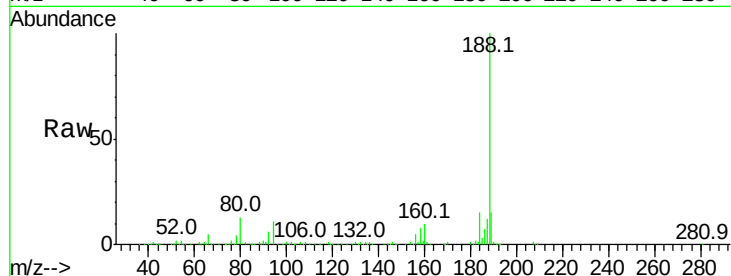




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027302.D
Acq: 8 Jun 2017 3:09

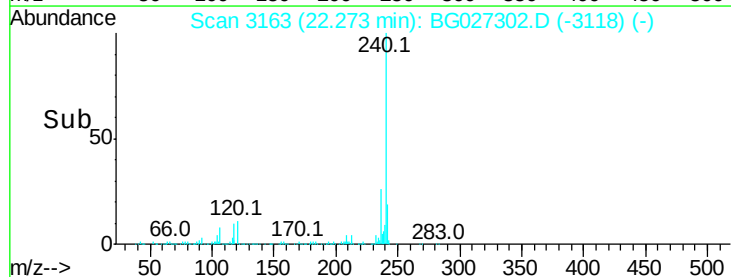
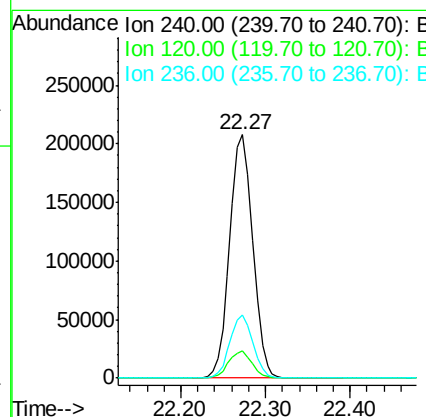
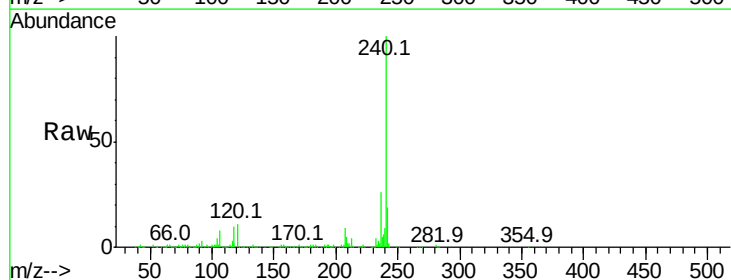
Instrument :
BNA_G
ClientSampleId :
OK-03-060517

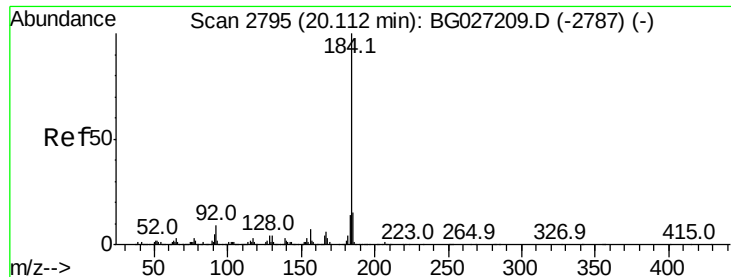
Tot Ion:188 Resp: 347024
Ion Ratio Lower Upper
188 100
94 10.6 5.8 8.8#
80 12.9 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027302.D
Acq: 8 Jun 2017 3:09

Tgt Ion:240 Resp: 391328
Ion Ratio Lower Upper
240 100
120 11.4 5.7 8.5#
236 25.9 22.2 33.4





#76

Benzidine

Concen: 2.58 ng

RT: 20.09 min Scan# 2791

Delta R.T. -0.02 min

Lab File: BG027302.D

Acq: 8 Jun 2017 3:09

Instrument :

BNA_G

ClientSampleId :

OK-03-060517

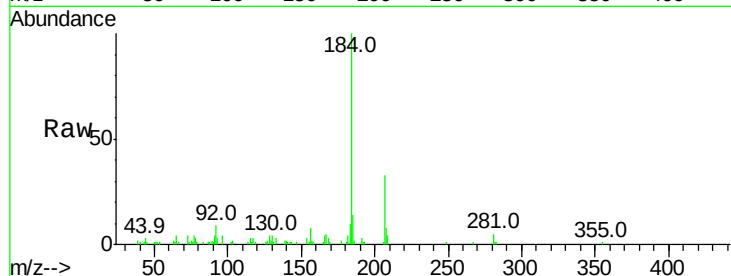
Tot Ion:184 Resp: 30358

Ion Ratio Lower Upper

184 100

185 13.5 13.0 19.6

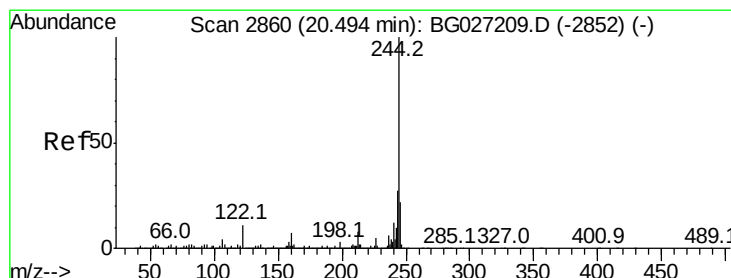
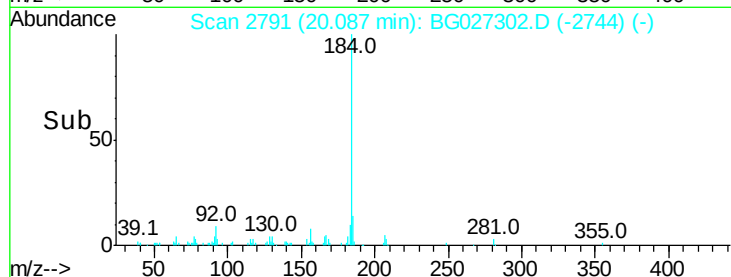
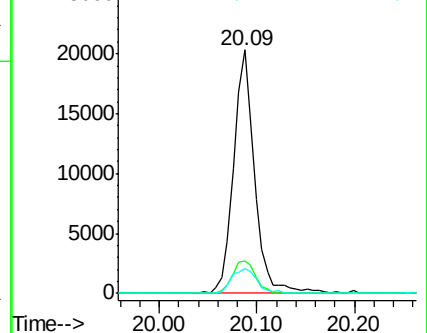
183 10.4 11.0 16.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 100.61 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027302.D

Acq: 8 Jun 2017 3:09

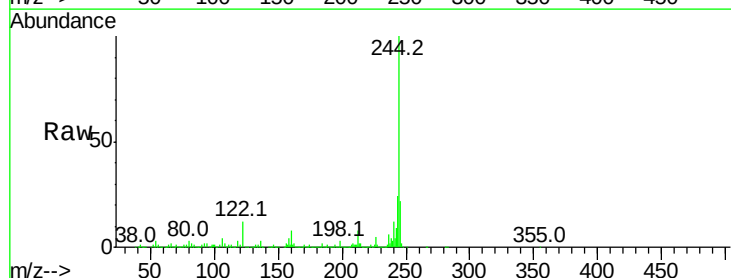
Tgt Ion:244 Resp: 1543333

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

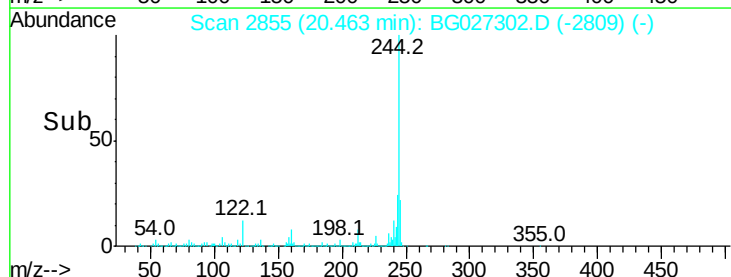
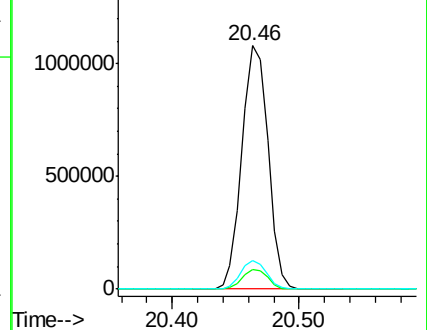
122 11.6 8.6 12.8

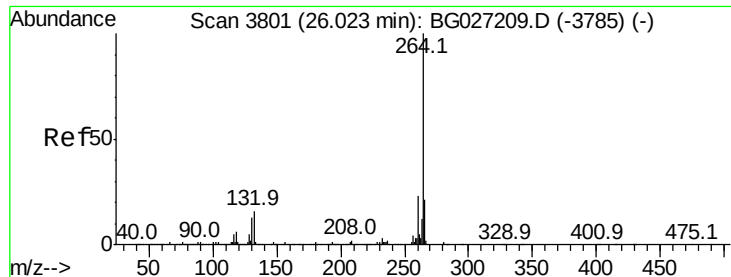


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG027302.D
Acq: 8 Jun 2017 3:09

Instrument :
BNA_G
ClientSampleId :
OK-03-060517

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	22.3	18.2	27.4

