

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027299.D
 Acq On : 8 Jun 2017 1:11
 Operator : SJ/MA
 Sample : I3479-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 06:12:55 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

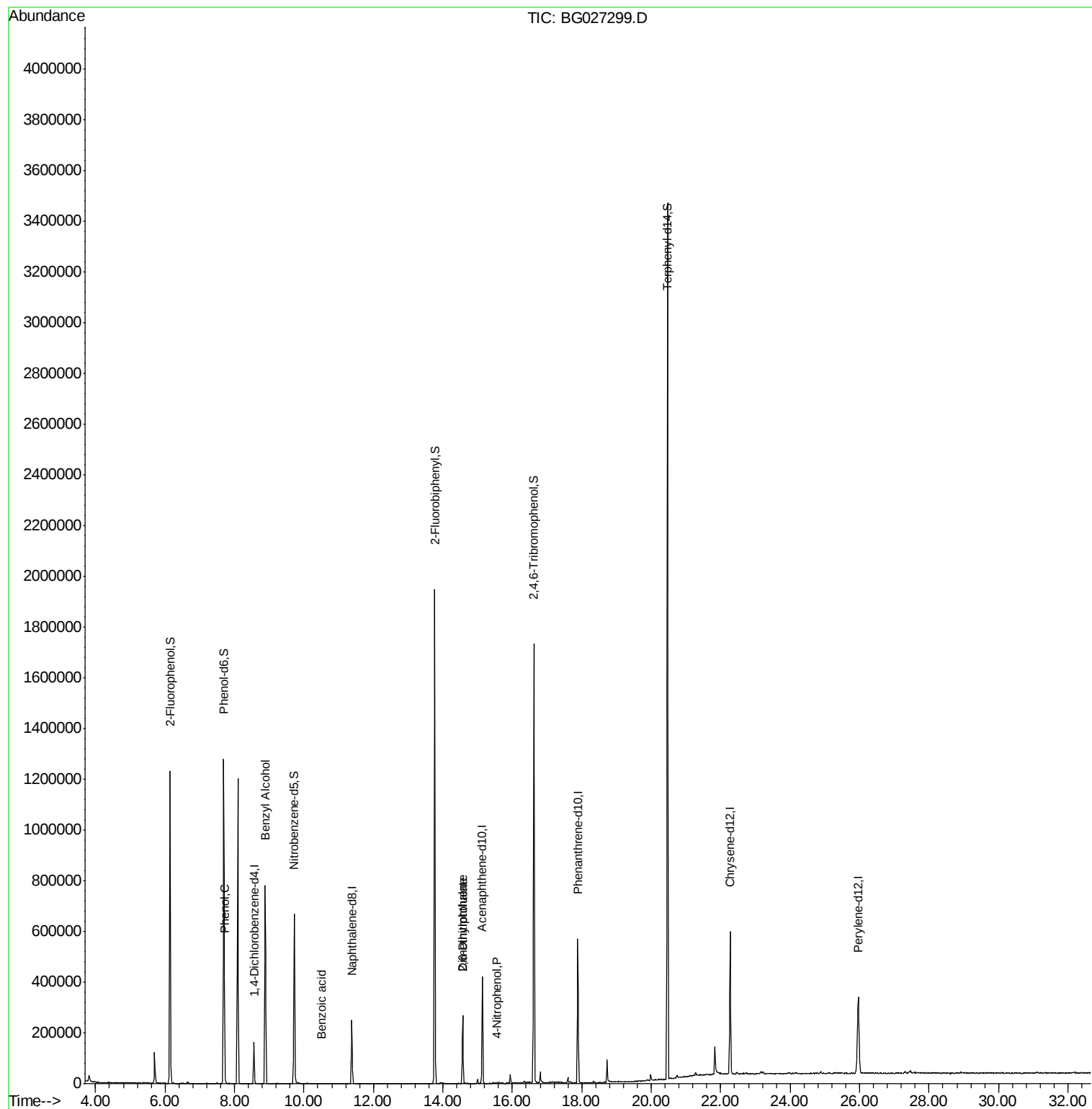
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	46684	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	231204	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	150528	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	358382	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	401142	20.00	ng	-0.04
86) Perylene-d12	25.96	264	371740	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	574168	187.68	ng	-0.02
7) Phenol-d6	7.69	99	831992	185.27	ng	-0.01
23) Nitrobenzene-d5	9.72	82	453354	123.32	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	352054	177.61	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	1067844	99.24	ng	-0.02
78) Terphenyl-d14	20.47	244	1532400	97.45	ng	-0.03
Target Compounds						
10) Phenol	7.72	94	16297	3.55	ng	Qvalue 84
15) Benzyl Alcohol	8.88	79	7267	2.30	ng	# 57
32) Benzoic acid	10.50	122	53	8.04	ng	# 1
49) Dimethylphthalate	14.57	163	183713	15.39	ng	99
50) 2,6-Dinitrotoluene	14.57	165	2067	6.37	ng	# 13
55) 4-Nitrophenol	15.54	139	176	6.20	ng	# 1

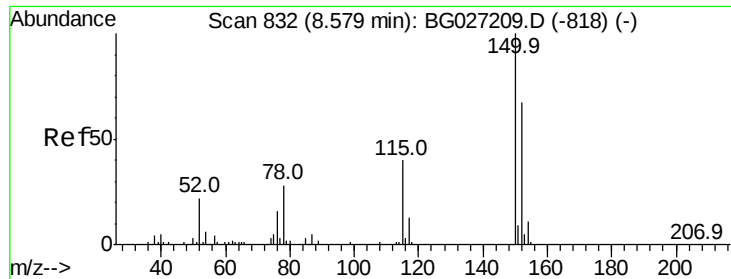
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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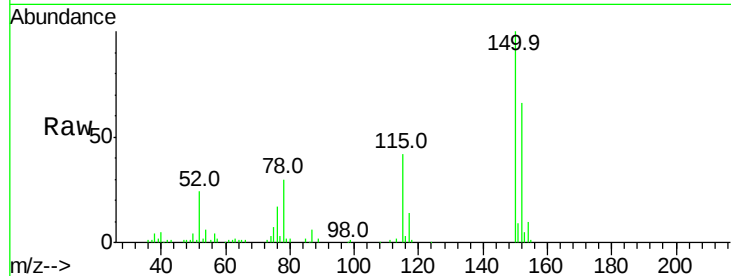


#1

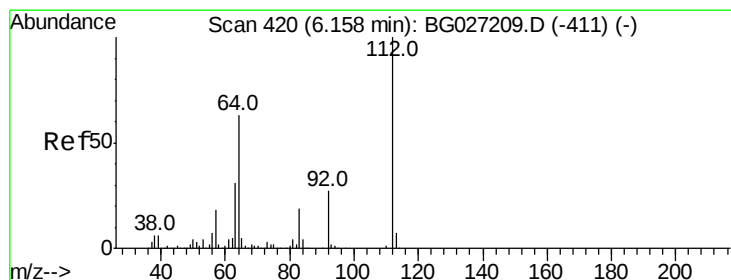
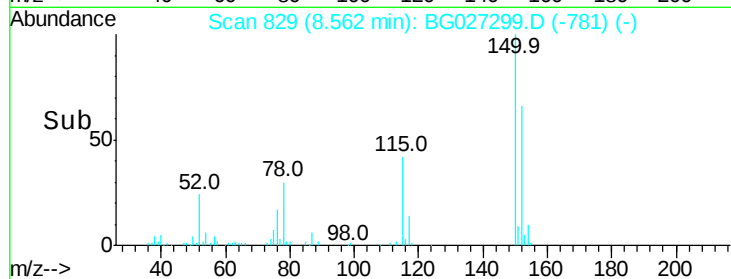
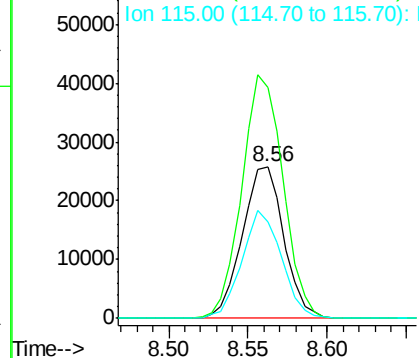
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027299.D
Acq: 8 Jun 2017 1:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 46684
Ion Ratio Lower Upper
152 100
150 151.5 114.0 171.0
115 63.5 48.1 72.1



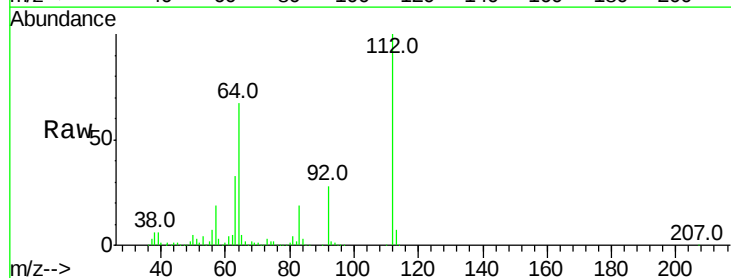
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



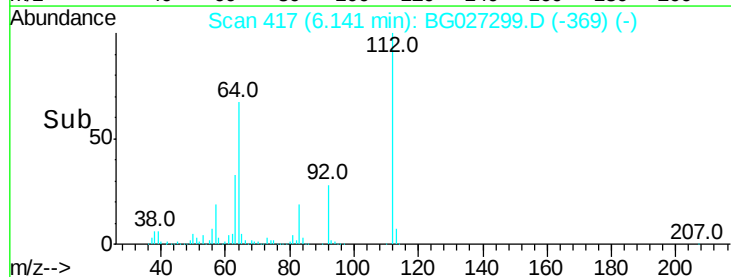
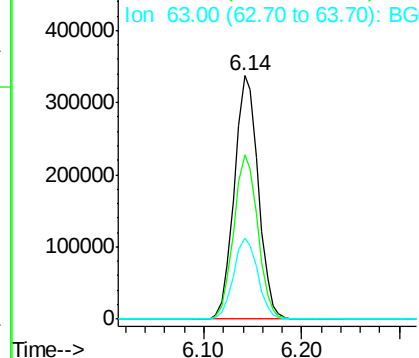
#5

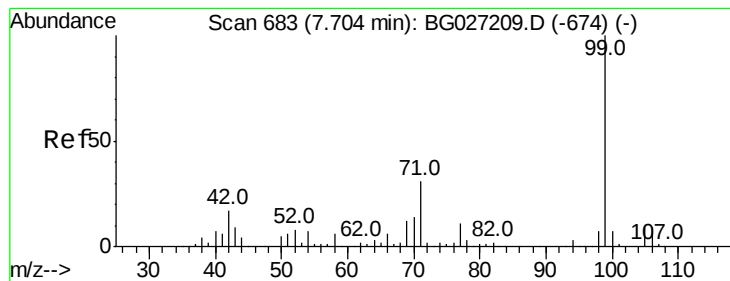
2-Fluorophenol
Concen: 187.68 ng
RT: 6.14 min Scan# 417
Delta R.T. -0.02 min
Lab File: BG027299.D
Acq: 8 Jun 2017 1:11

Tgt Ion:112 Resp: 574168
Ion Ratio Lower Upper
112 100
64 67.3 61.8 92.6
63 33.4 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: 185.27 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027299.D

Acq: 8 Jun 2017 1:11

Instrument :

BNA_G

ClientSampleId :

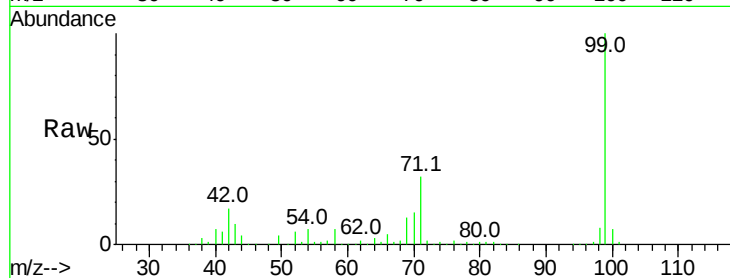
Tot Ion: 99 Resp: 831992

Ion Ratio Lower Upper

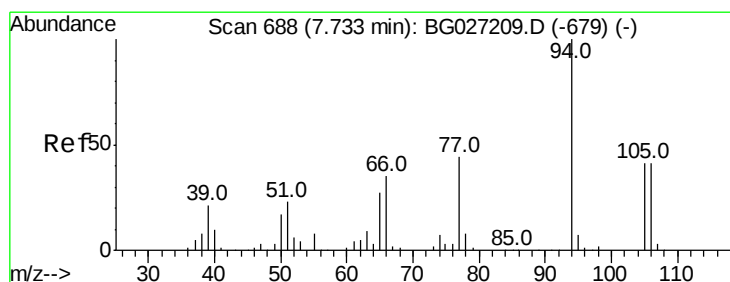
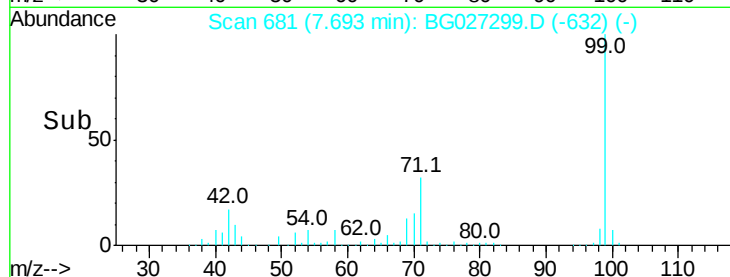
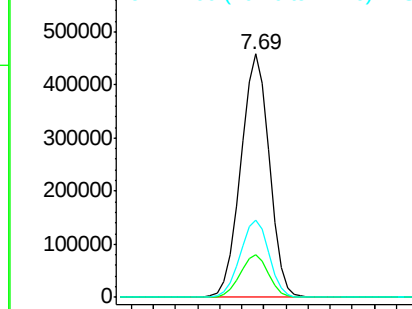
99 100

42 17.3 20.5 30.7#

71 31.8 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



#10

Phenol

Concen: 3.55 ng

RT: 7.72 min Scan# 685

Delta R.T. -0.02 min

Lab File: BG027299.D

Acq: 8 Jun 2017 1:11

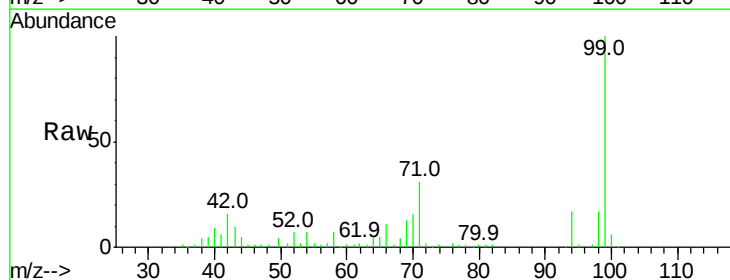
Tgt Ion: 94 Resp: 16297

Ion Ratio Lower Upper

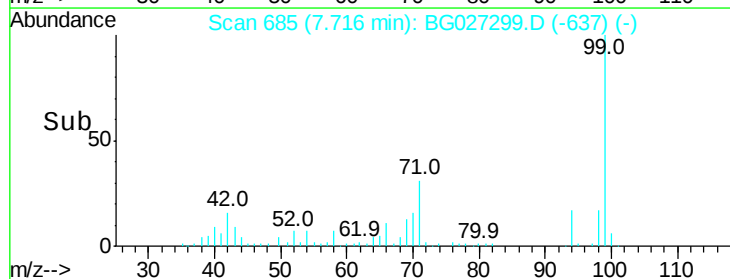
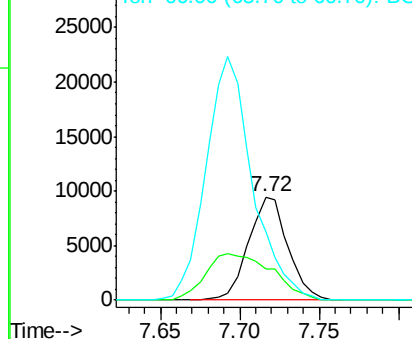
94 100

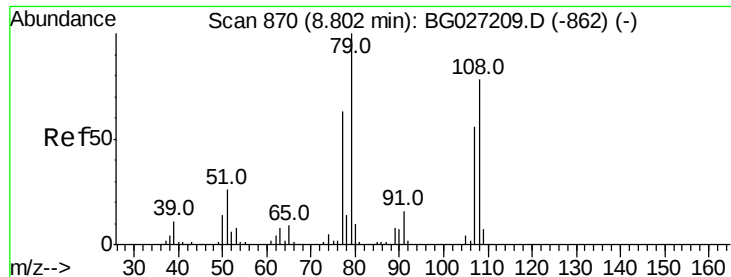
65 29.9 20.6 60.6

66 66.1 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 8.88 min Scan# 883

Delta R.T. 0.08 min

Lab File: BG027299.D

Acq: 8 Jun 2017 1:11

Instrument :

BNA_G

ClientSampleId :

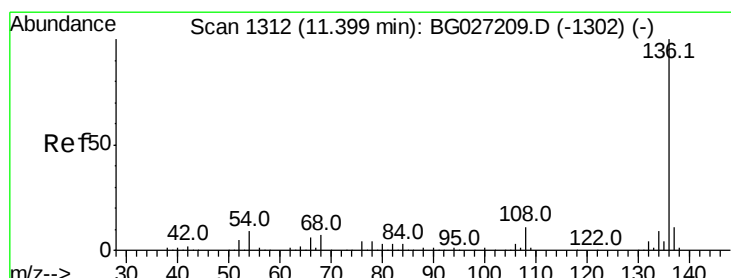
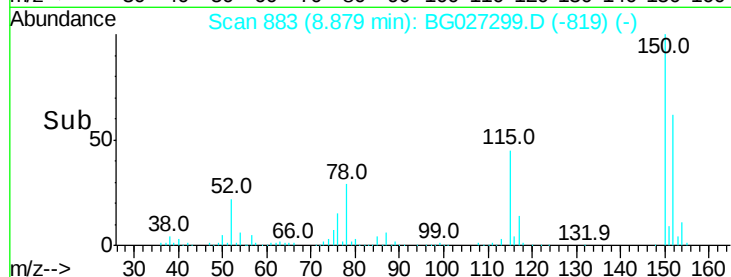
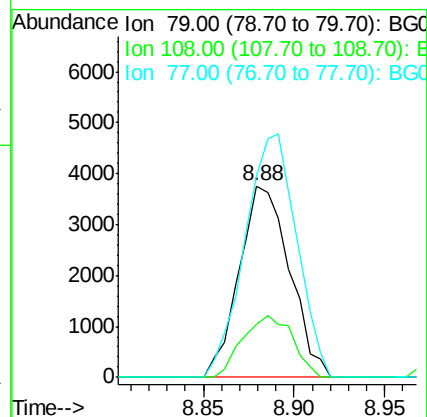
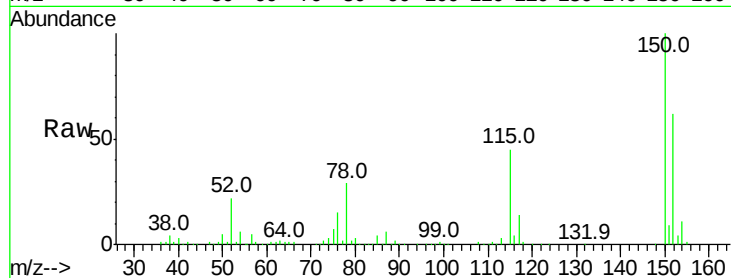
Tot Ion: 79 Resp: 7267

Ion Ratio Lower Upper

79 100

108 27.9 45.5 68.3#

77 105.1 54.3 81.5#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.38 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BG027299.D

Acq: 8 Jun 2017 1:11

Tgt Ion: 136 Resp: 231204

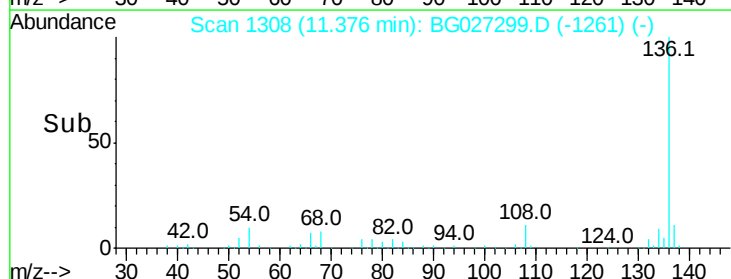
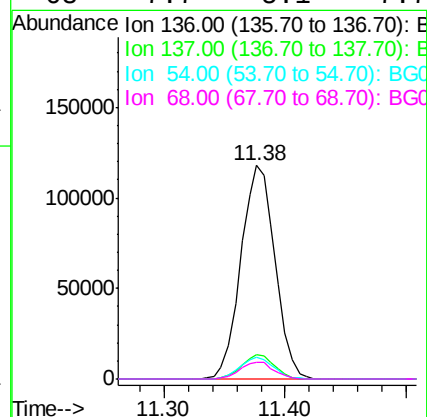
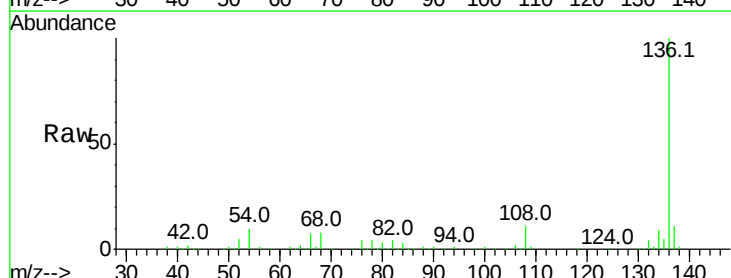
Ion Ratio Lower Upper

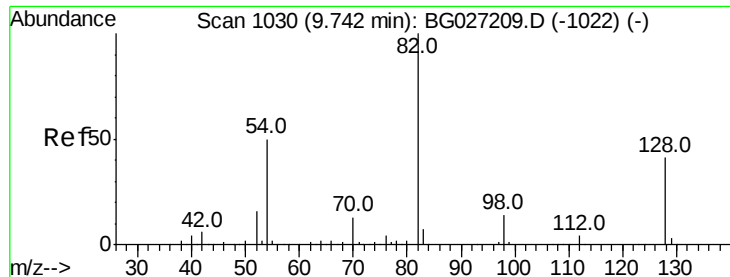
136 100

137 11.2 8.9 13.3

54 10.4 9.3 13.9

68 7.7 5.1 7.7#

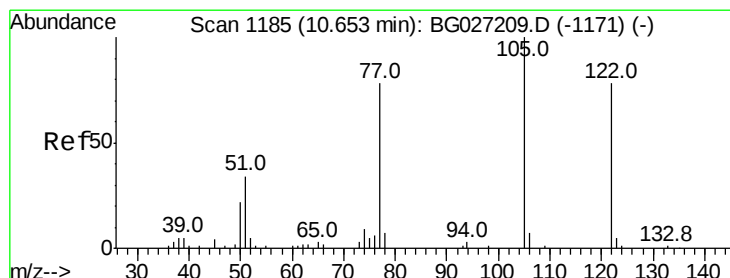
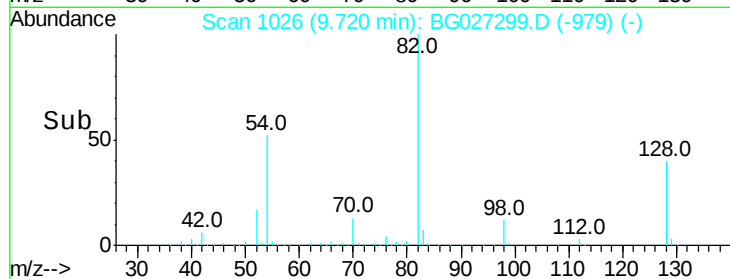
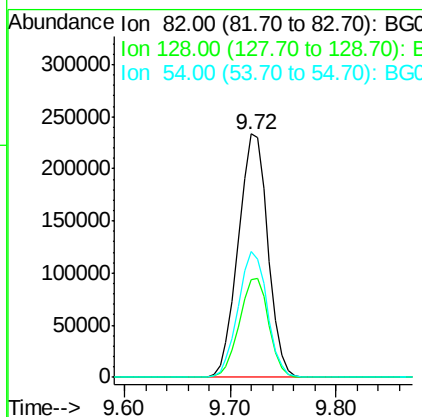
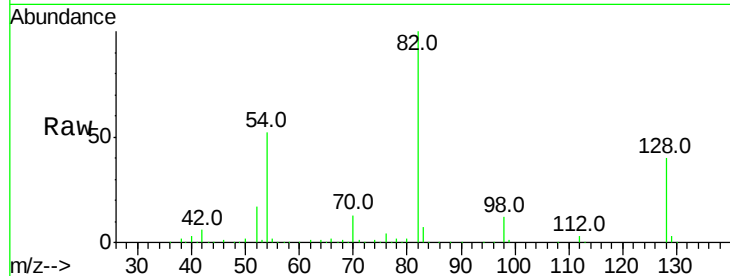




#23
 Nitrobenzene-d5
 Concen: 123.32 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027299.D
 Acq: 8 Jun 2017 1:11

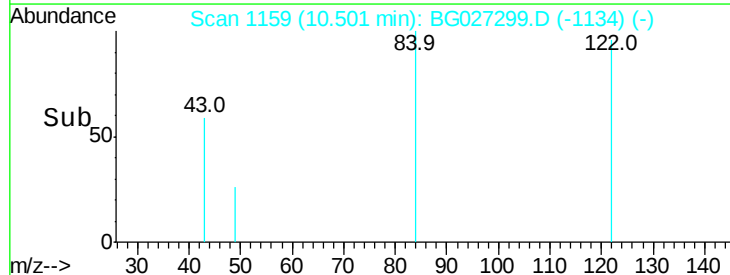
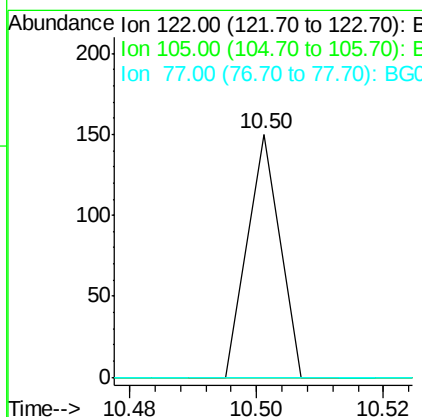
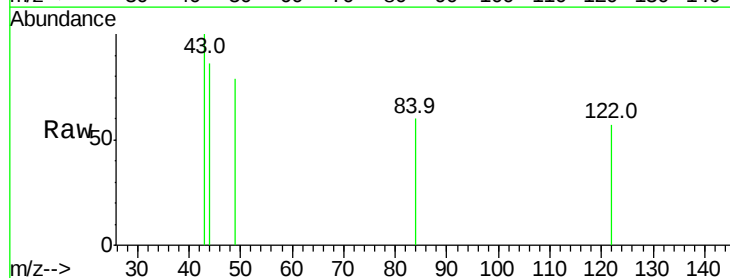
Instrument :
 BNA_G
 ClientSampled :

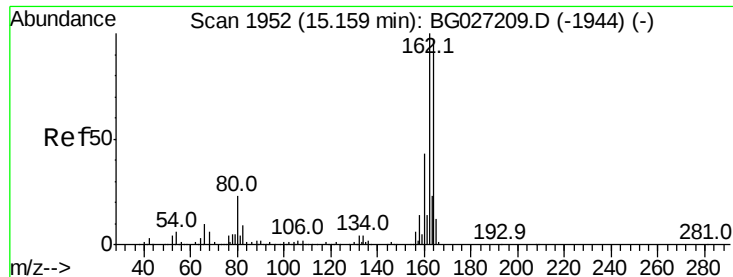
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	26.4	39.6#
54	51.7	49.4	74.2



#32
 Benzoic acid
 Concen: 8.04 ng
 RT: 10.50 min Scan# 1159
 Delta R.T. -0.15 min
 Lab File: BG027299.D
 Acq: 8 Jun 2017 1:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#

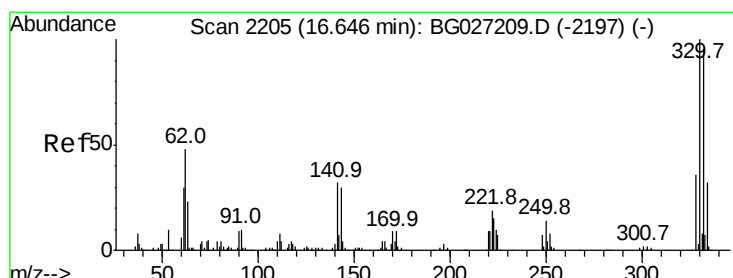
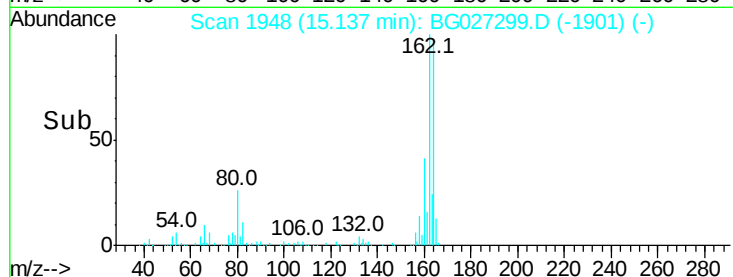
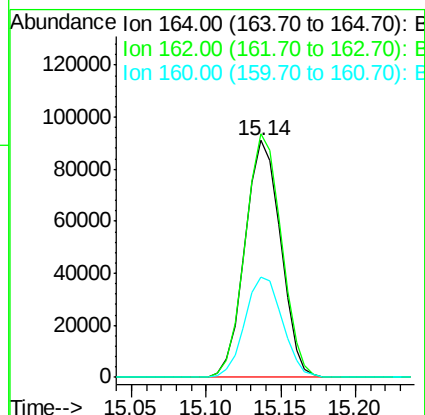
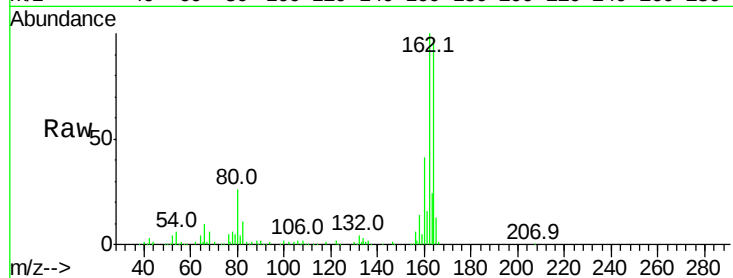




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.14 min Scan# 1948
Delta R.T. -0.02 min
Lab File: BG027299.D
Acq: 8 Jun 2017 1:11

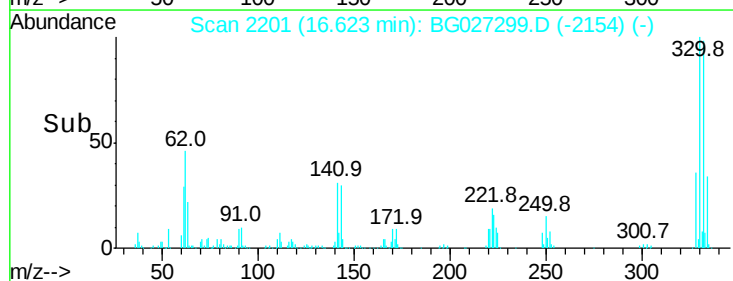
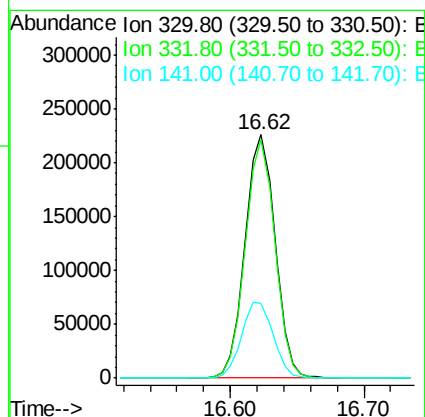
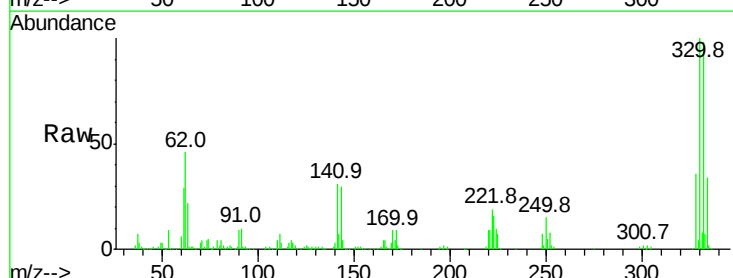
Instrument :
BNA_G
ClientSampleId :

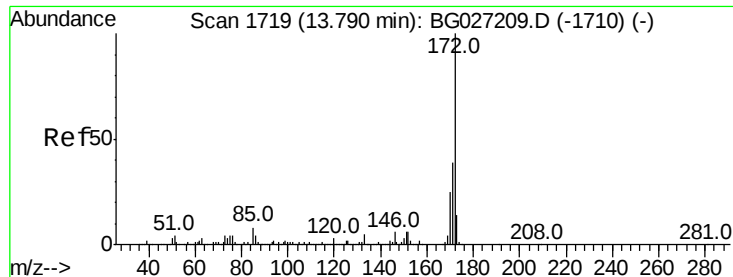
Tot Ion:164 Resp: 150528
Ion Ratio Lower Upper
164 100
162 102.9 85.1 127.7
160 42.3 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 177.61 ng
RT: 16.62 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BG027299.D
Acq: 8 Jun 2017 1:11

Tgt Ion:330 Resp: 352054
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 32.9 32.1 48.1

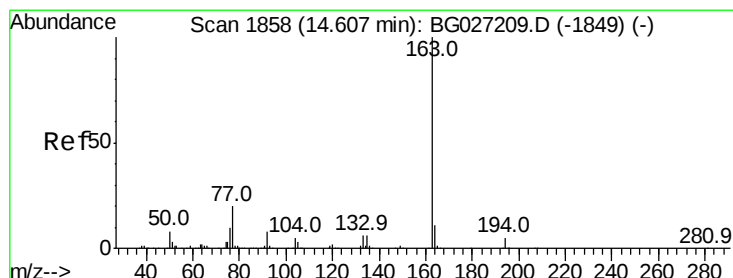
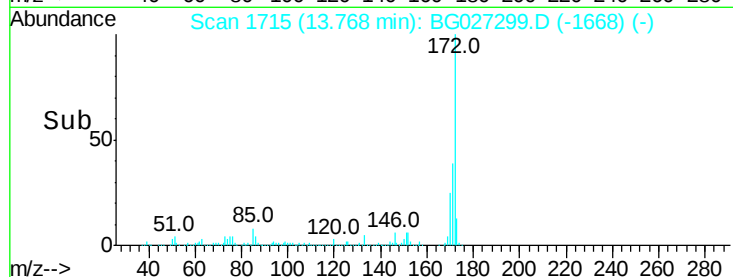
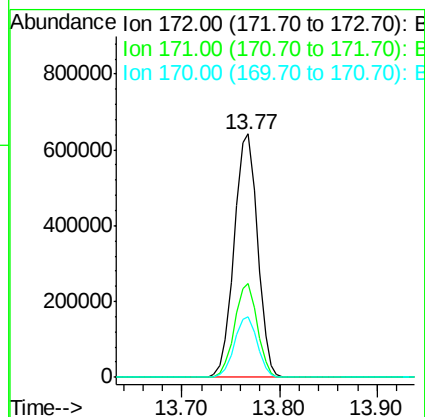
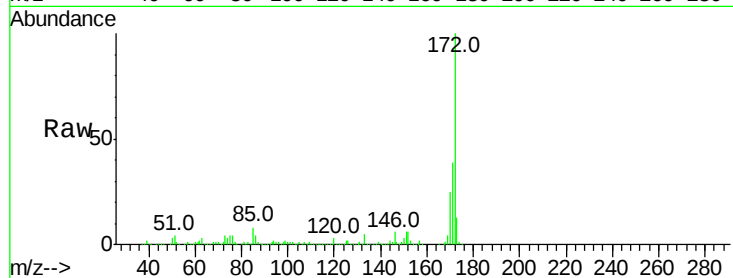




#44
2-Fluorobiphenyl
Concen: 99.24 ng
RT: 13.77 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG027299.D
Acq: 8 Jun 2017 1:11

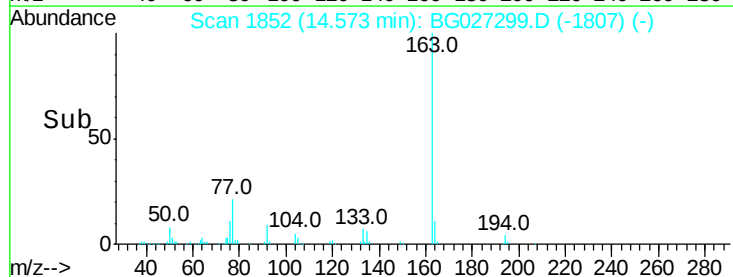
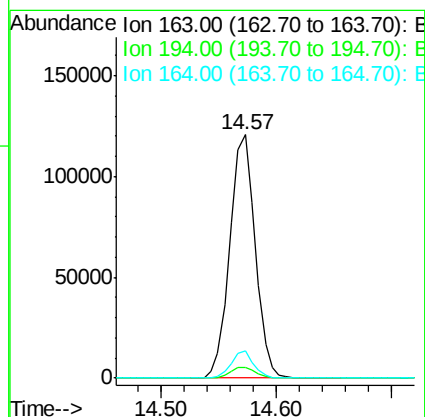
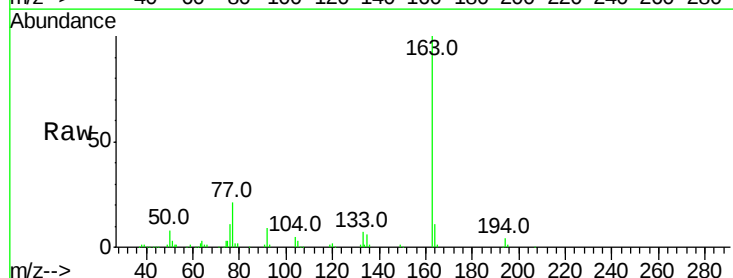
Instrument :
BNA_G
ClientSampleId :

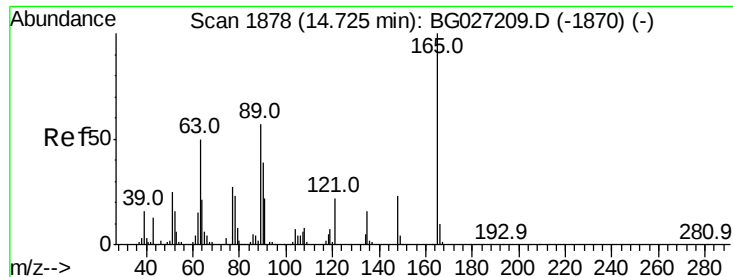
Tot Ion:172 Resp: 1067844
Ion Ratio Lower Upper
172 100
171 38.5 32.2 48.2
170 24.7 21.8 32.6



#49
Dimethylphthalate
Concen: 15.39 ng
RT: 14.57 min Scan# 1852
Delta R.T. -0.03 min
Lab File: BG027299.D
Acq: 8 Jun 2017 1:11

Tgt Ion:163 Resp: 183713
Ion Ratio Lower Upper
163 100
194 4.2 3.8 5.6
164 11.2 9.3 13.9

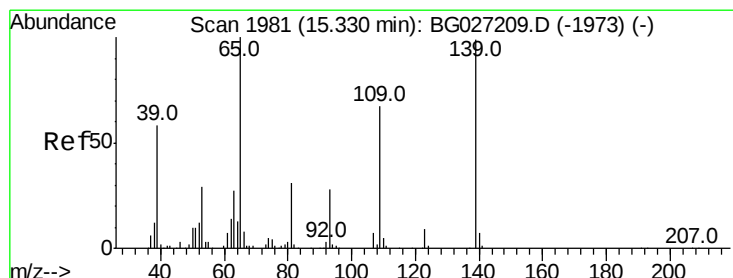
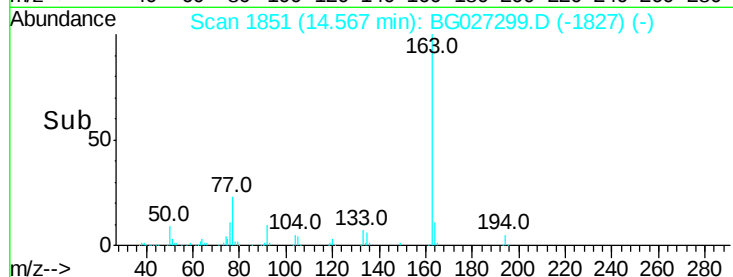
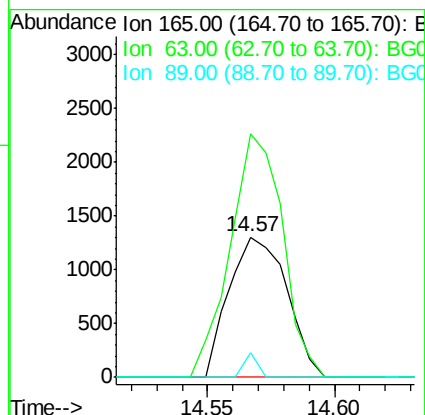
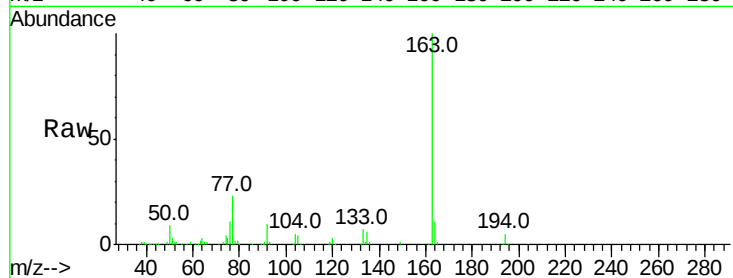




#50
 2,6-Dinitrotoluene
 Concen: 6.37 ng
 RT: 14.57 min Scan# 1851
 Delta R.T. -0.16 min
 Lab File: BG027299.D
 Acq: 8 Jun 2017 1:11

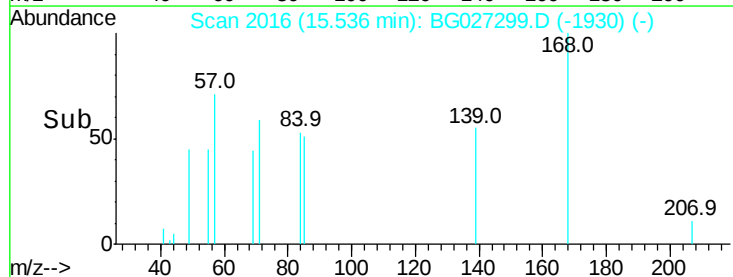
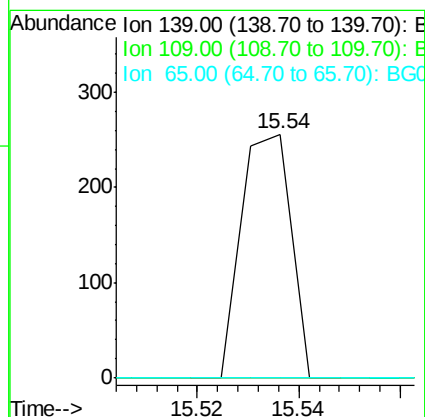
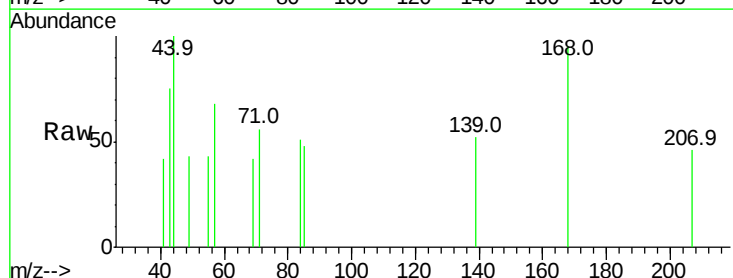
Instrument :
 BNA_G
 ClientSampleId :

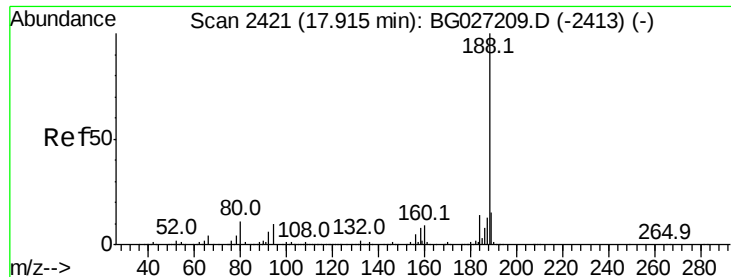
Tot Ion:165 Resp: 2067
 Ion Ratio Lower Upper
 165 100
 63 173.8 63.9 95.9#
 89 17.3 58.6 88.0#



#55
 4-Nitrophenol
 Concen: 6.20 ng
 RT: 15.54 min Scan# 2016
 Delta R.T. 0.21 min
 Lab File: BG027299.D
 Acq: 8 Jun 2017 1:11

Tgt Ion:139 Resp: 176
 Ion Ratio Lower Upper
 139 100
 109 0.0 101.2 141.2#
 65 0.0 135.3 175.3#

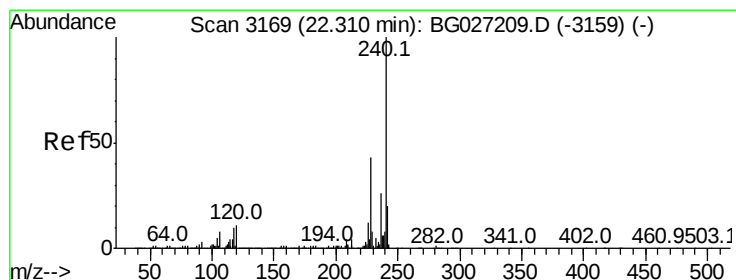
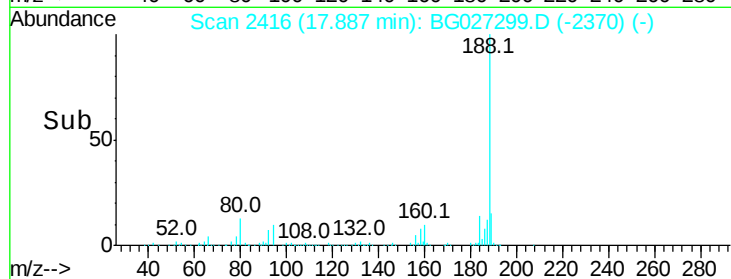
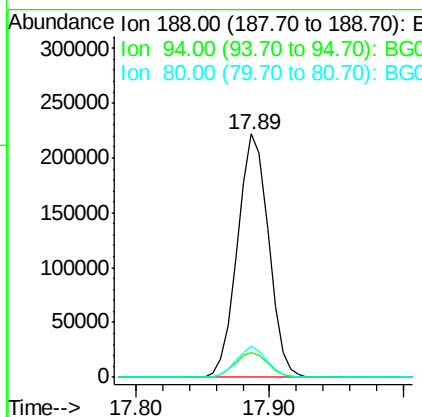
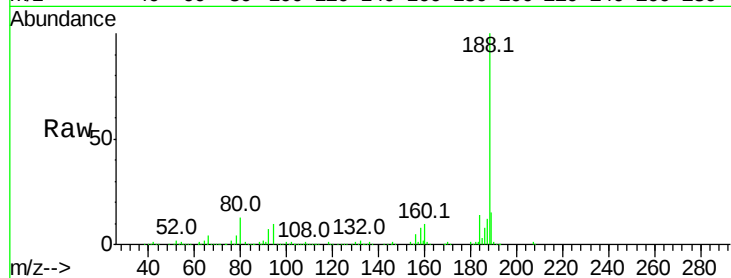




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027299.D
Acq: 8 Jun 2017 1:11

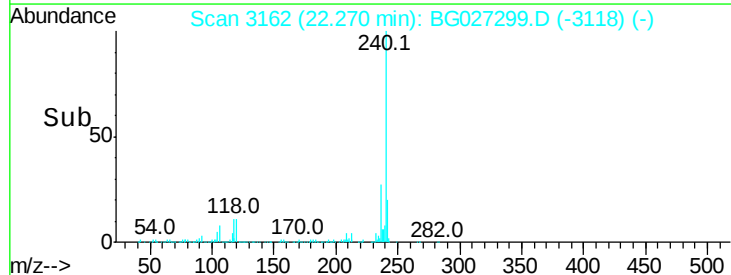
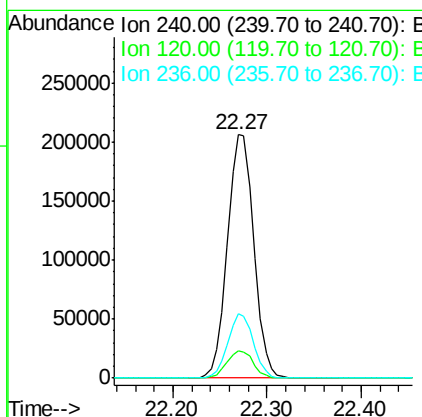
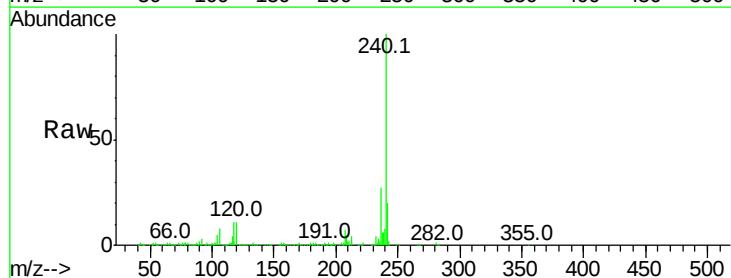
Instrument :
BNA_G
ClientSampleId :

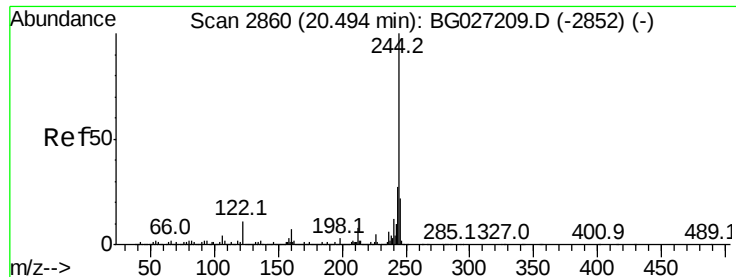
Tot Ion:188 Resp: 358382
Ion Ratio Lower Upper
188 100
94 10.2 5.8 8.8#
80 12.6 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.04 min
Lab File: BG027299.D
Acq: 8 Jun 2017 1:11

Tgt Ion:240 Resp: 401142
Ion Ratio Lower Upper
240 100
120 11.4 5.7 8.5#
236 26.7 22.2 33.4





#78

Terphenyl-d14

Concen: 97.45 ng

RT: 20.47 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027299.D

Acq: 8 Jun 2017 1:11

Instrument :

BNA_G

ClientSampled :

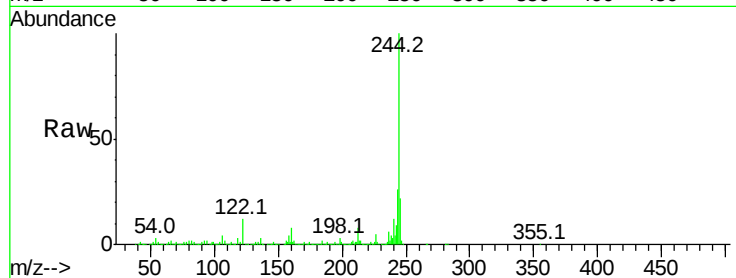
Tot Ion:244 Resp: 1532400

Ion Ratio Lower Upper

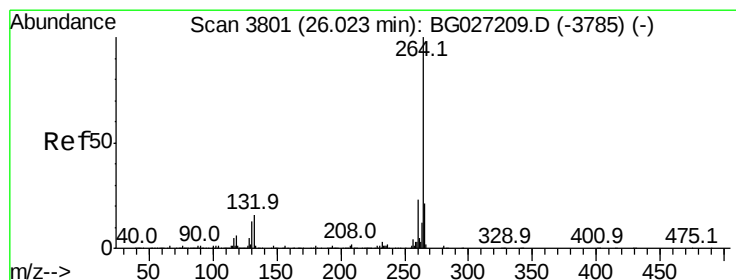
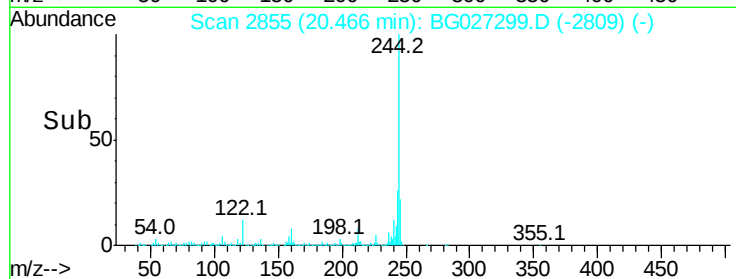
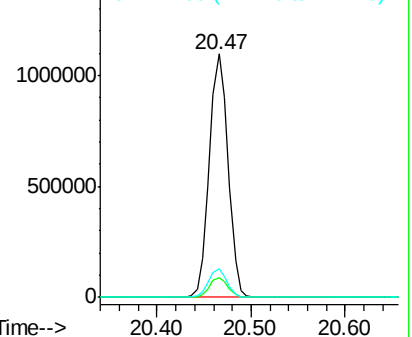
244 100

212 8.1 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

Perylene-d12

Concen: 20.00 ng

RT: 25.96 min Scan# 3790

Delta R.T. -0.06 min

Lab File: BG027299.D

Acq: 8 Jun 2017 1:11

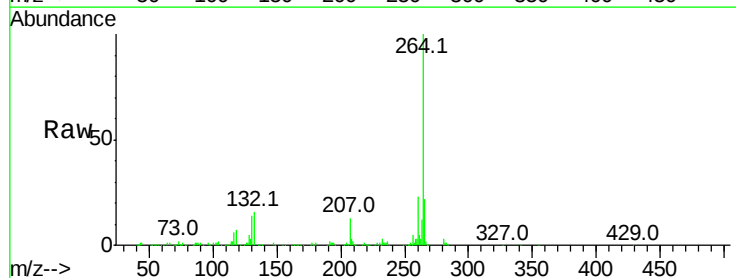
Tgt Ion:264 Resp: 371740

Ion Ratio Lower Upper

264 100

260 23.4 21.8 32.8

265 21.9 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

