

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027311.D
 Acq On : 8 Jun 2017 9:58
 Operator : SJ/MA
 Sample : I3506-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 10:57:16 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

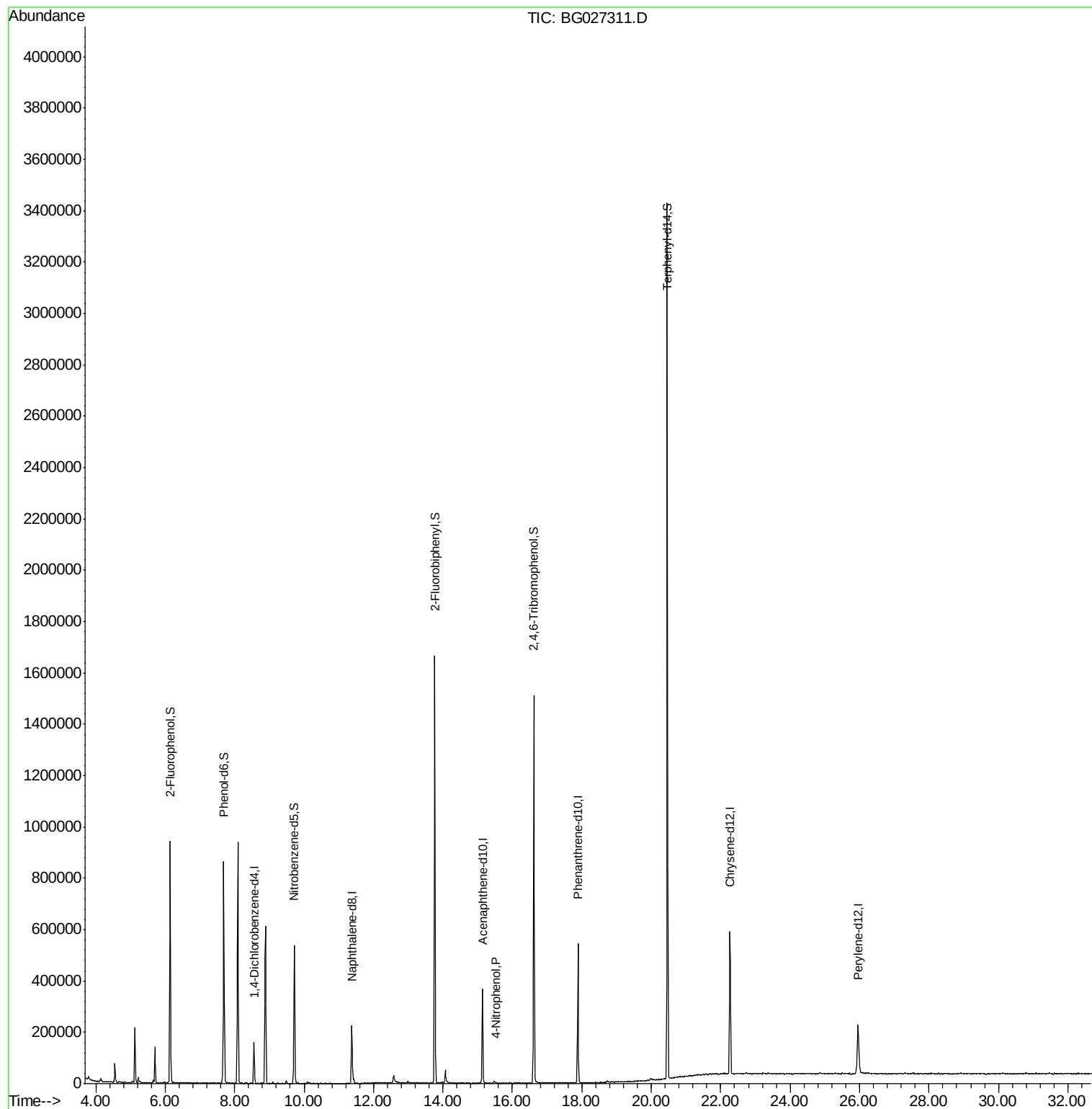
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	44706	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	201508	20.00	ng	-0.02
38) Acenaphthene-d10	15.13	164	126714	20.00	ng	-0.03
63) Phenanthrene-d10	17.89	188	350934	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	394303	20.00	ng	-0.04
86) Perylene-d12	25.96	264	208453	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	432460	147.61	ng	-0.01
7) Phenol-d6	7.69	99	558310	129.83	ng	-0.02
23) Nitrobenzene-d5	9.72	82	361516	112.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	300797	180.27	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	884537	97.66	ng	-0.03
78) Terphenyl-d14	20.46	244	1590800	102.92	ng	-0.03
Target Compounds						
55) 4-Nitrophenol	15.53	139	140	6.19	ng	Qvalue # 1

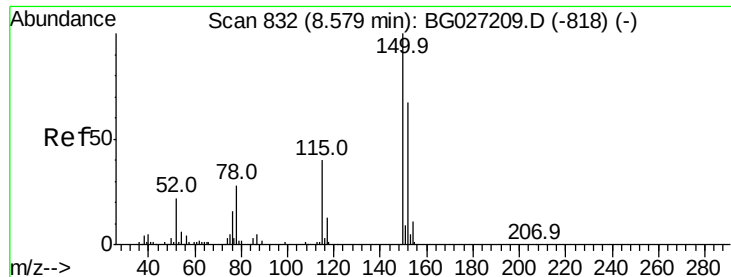
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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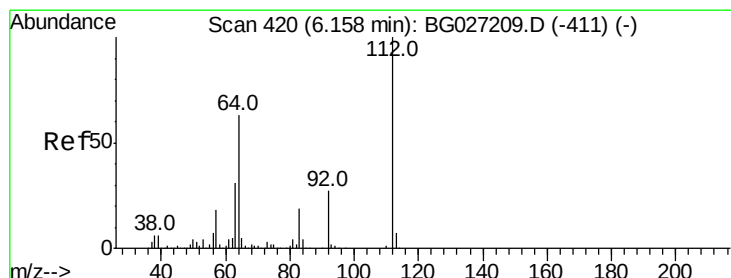
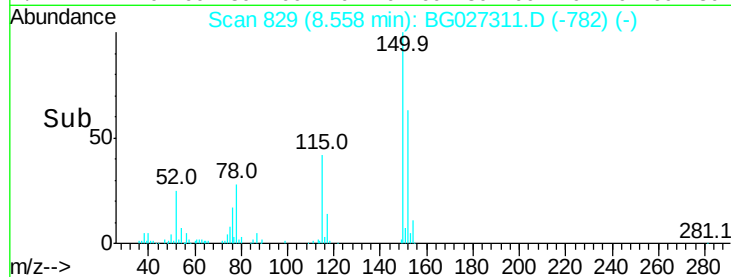
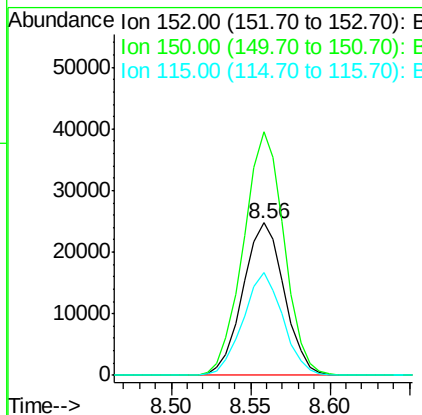
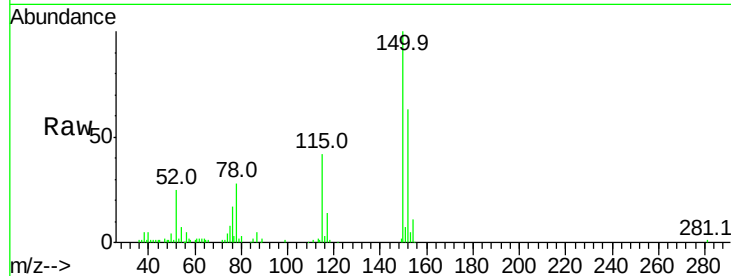


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027311.D
Acq: 8 Jun 2017 9:58

Instrument :
BNA_G
ClientSampleId :

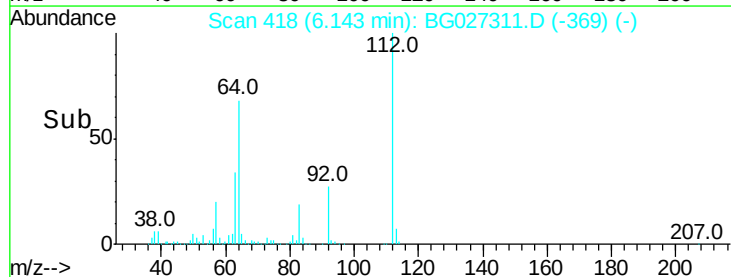
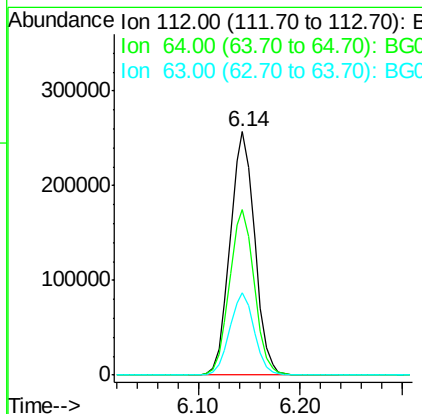
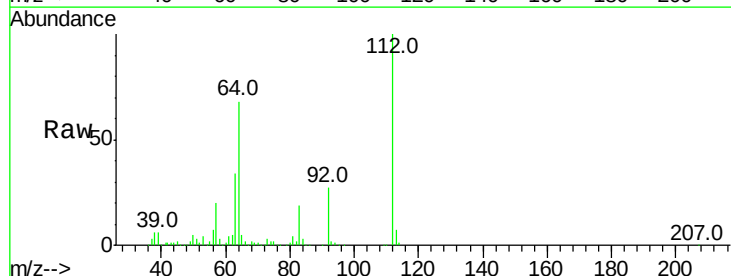
Tot Ion:152 Resp: 44706
Ion Ratio Lower Upper
152 100
150 159.8 114.0 171.0
115 67.4 48.1 72.1

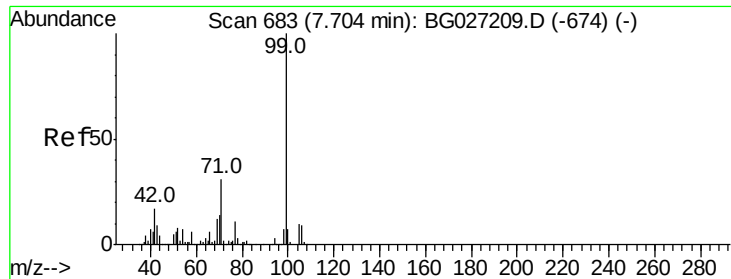


#5

2-Fluorophenol
Concen: 147.61 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027311.D
Acq: 8 Jun 2017 9:58

Tgt Ion:112 Resp: 432460
Ion Ratio Lower Upper
112 100
64 68.1 61.8 92.6
63 33.7 37.2 55.8#





#7

Phenol-d6

Concen: 129.83 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.02 min

Lab File: BG027311.D

Acq: 8 Jun 2017 9:58

Instrument :

BNA_G

ClientSampleId :

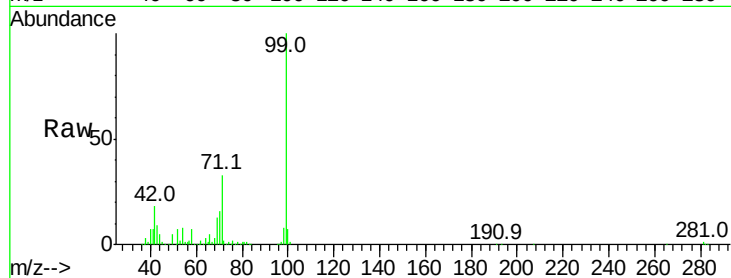
Tot Ion: 99 Resp: 558310

Ion Ratio Lower Upper

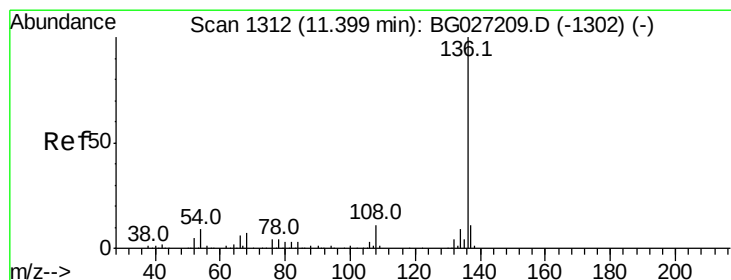
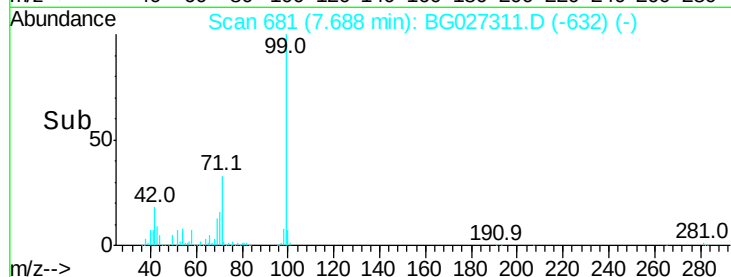
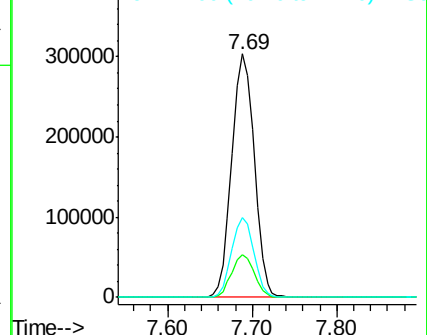
99 100

42 17.7 20.5 30.7#

71 32.7 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: BG027311.D

Acq: 8 Jun 2017 9:58

Tgt Ion: 136 Resp: 201508

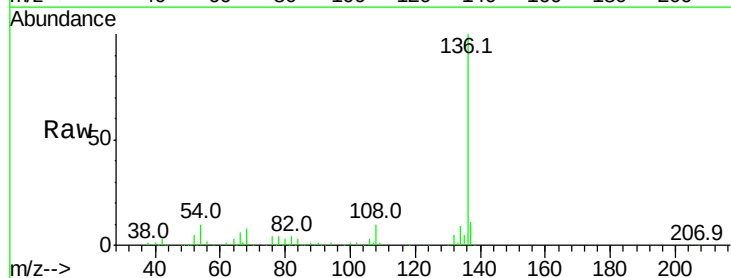
Ion Ratio Lower Upper

136 100

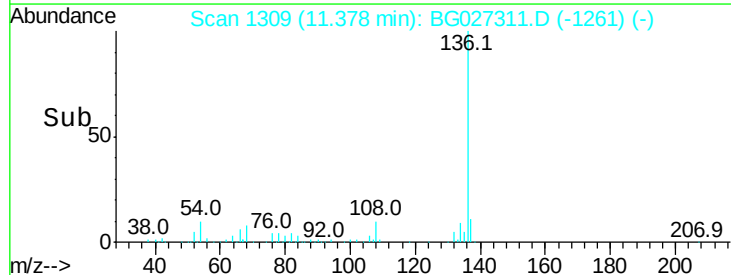
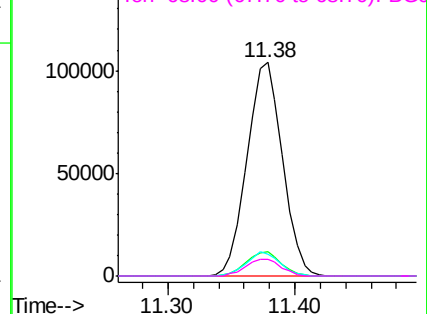
137 11.3 8.9 13.3

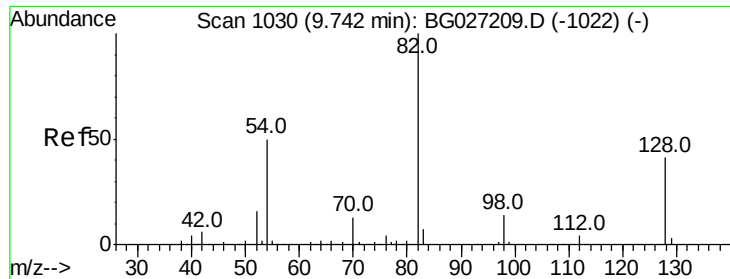
54 9.9 9.3 13.9

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

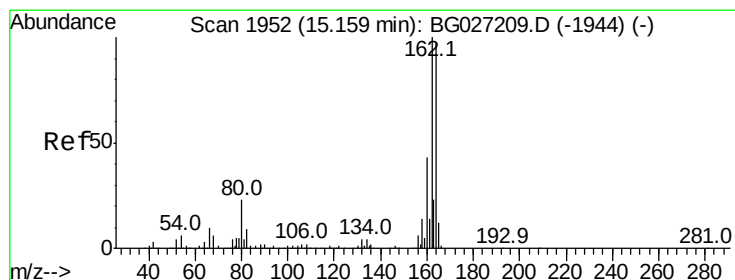
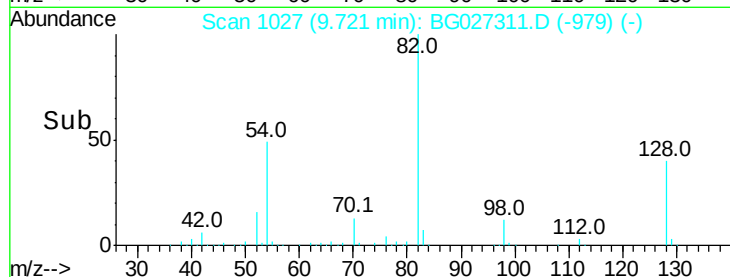
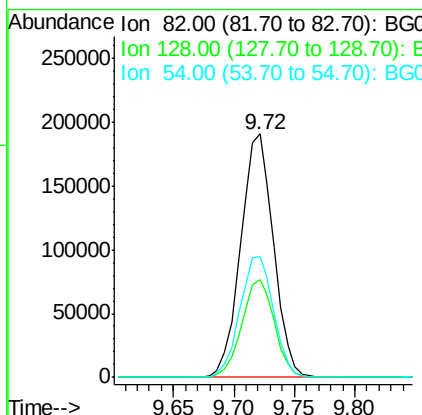
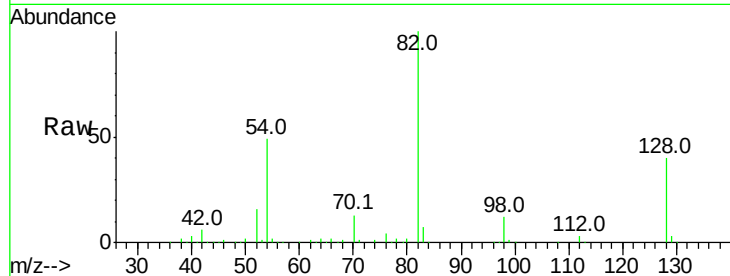




#23
 Nitrobenzene-d5
 Concen: 112.83 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027311.D
 Acq: 8 Jun 2017 9:58

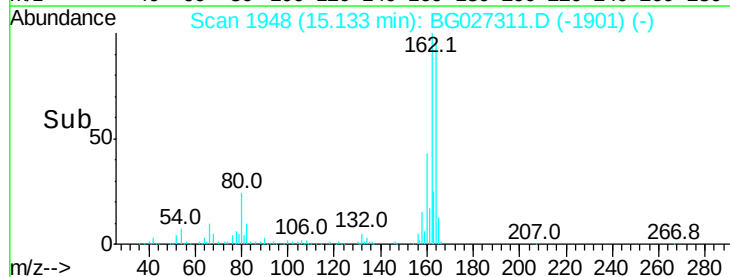
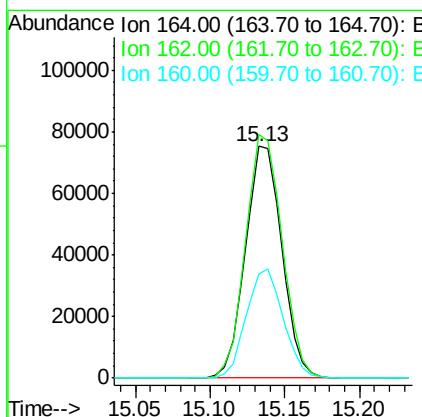
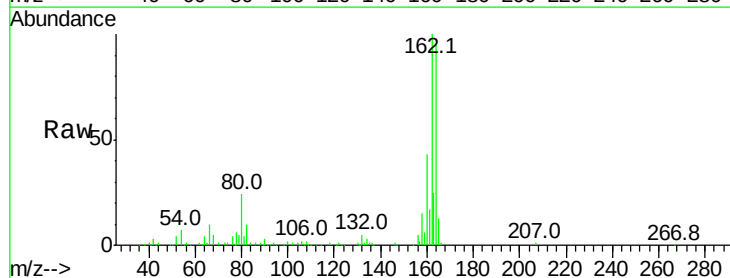
Instrument :
 BNA_G
 ClientSampleID :

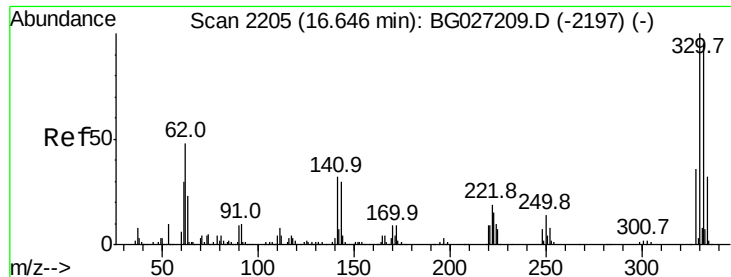
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	26.4	39.6
54	49.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BG027311.D
 Acq: 8 Jun 2017 9:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.1	127.7
160	44.9	34.7	52.1

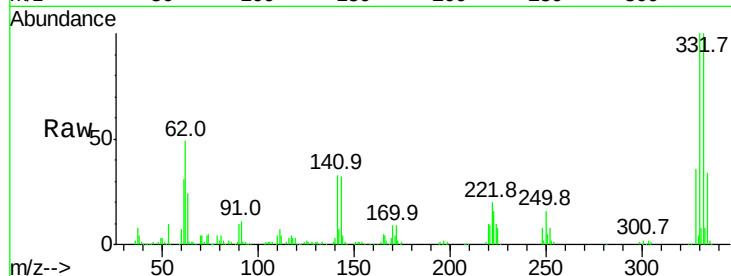




#41
 2,4,6-Tribromophenol
 Concen: 180.27 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027311.D
 Acq: 8 Jun 2017 9:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	33.1	32.1	48.1

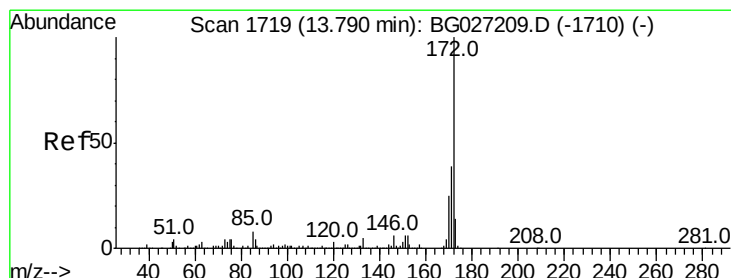
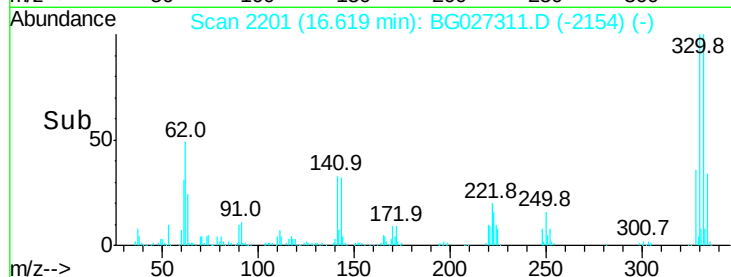
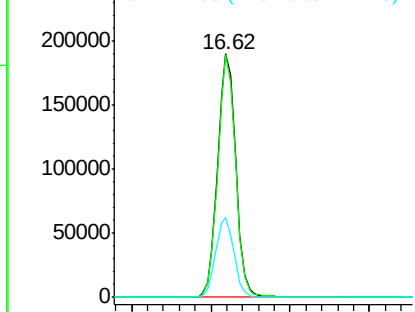


Abundance

Ion 329.80 (329.50 to 330.50): E

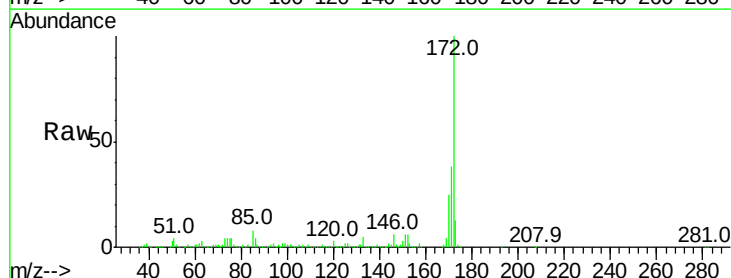
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.66 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027311.D
 Acq: 8 Jun 2017 9:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	24.7	21.8	32.6

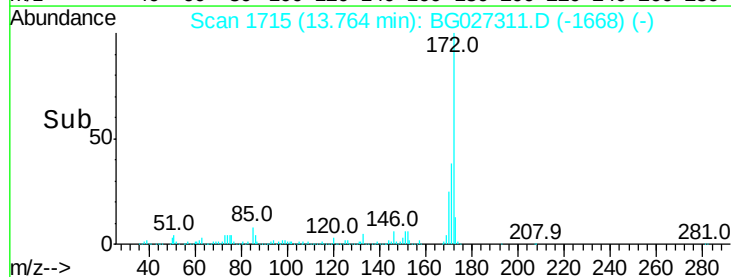
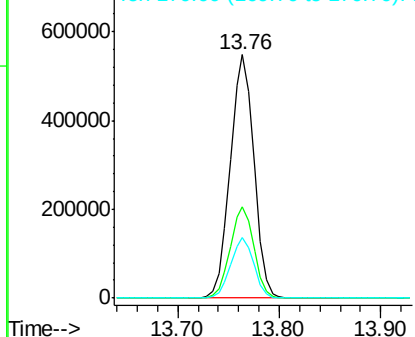


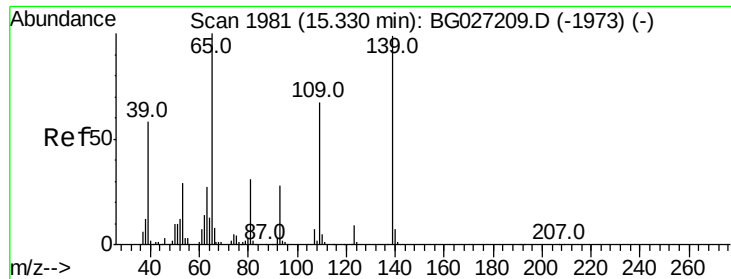
Abundance

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

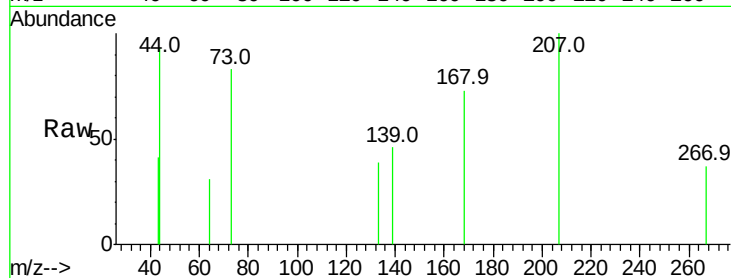




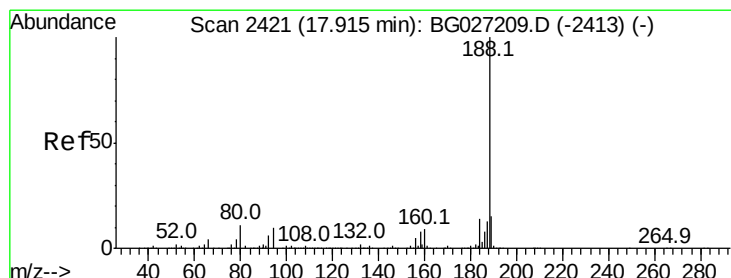
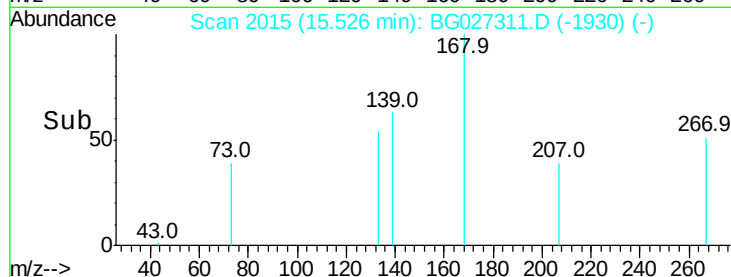
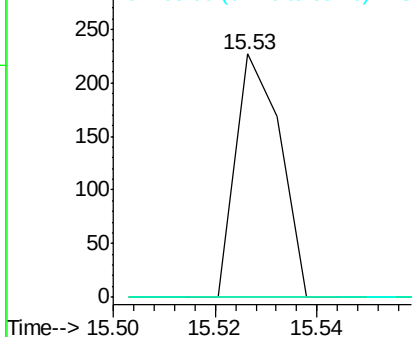
#55
4-Nitrophenol
Concen: 6.19 ng
RT: 15.53 min Scan# 2015
Delta R.T. 0.20 min
Lab File: BG027311.D
Acq: 8 Jun 2017 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 140
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#

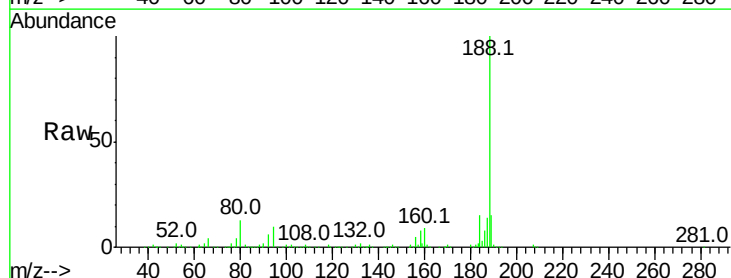


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

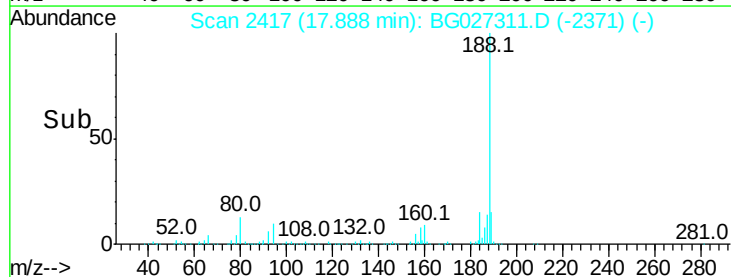
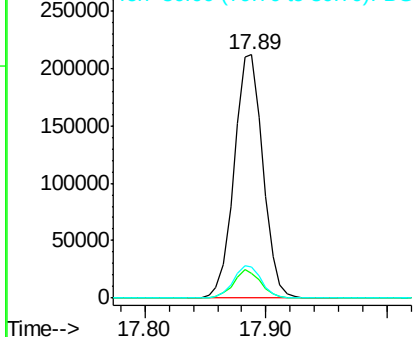


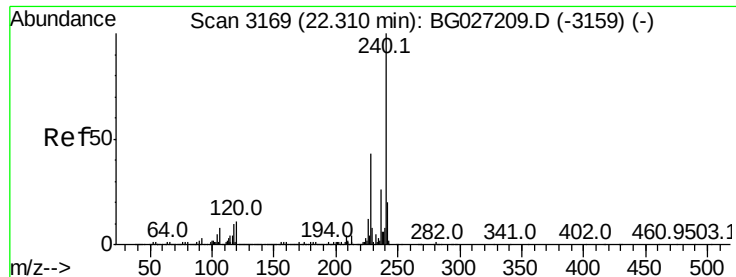
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027311.D
Acq: 8 Jun 2017 9:58

Tgt Ion:188 Resp: 350934
Ion Ratio Lower Upper
188 100
94 10.2 5.8 8.8#
80 12.8 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.27 min Scan# 3162

Delta R.T. -0.04 min

Lab File: BG027311.D

Acq: 8 Jun 2017 9:58

Instrument :

BNA_G

ClientSampleId :

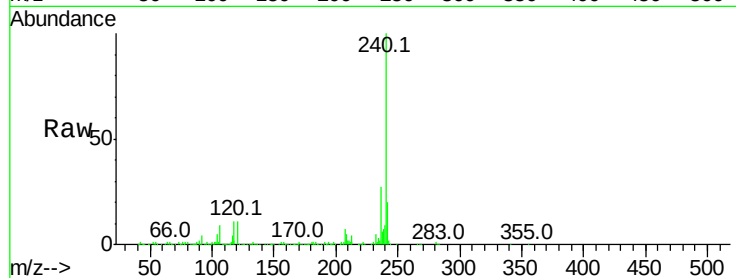
Tot Ion:240 Resp: 394303

Ion Ratio Lower Upper

240 100

120 11.1 5.7 8.5#

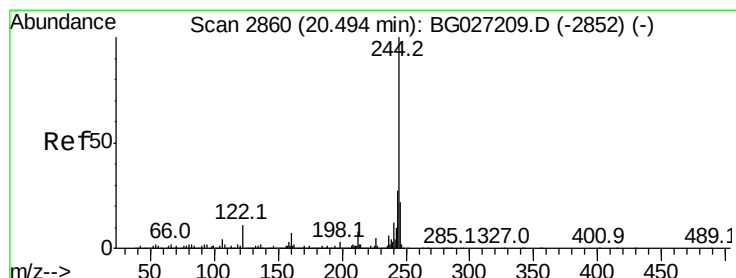
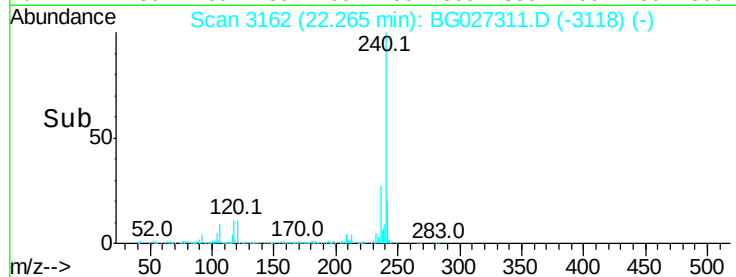
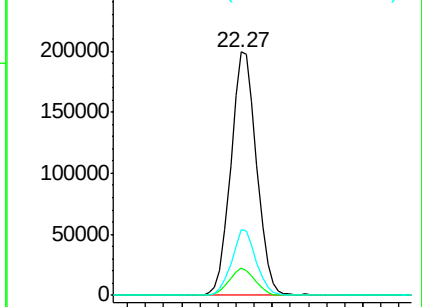
236 27.0 22.2 33.4



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: 102.92 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027311.D

Acq: 8 Jun 2017 9:58

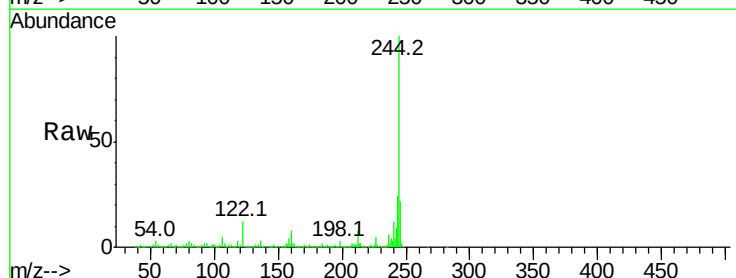
Tgt Ion:244 Resp: 1590800

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

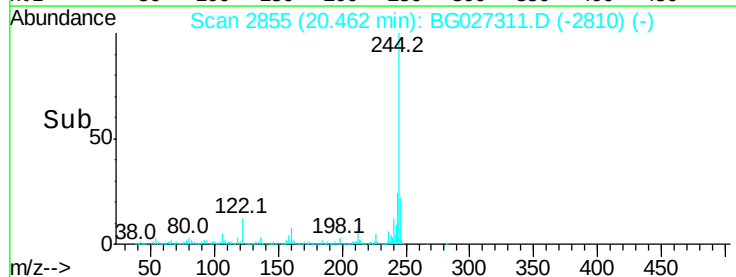
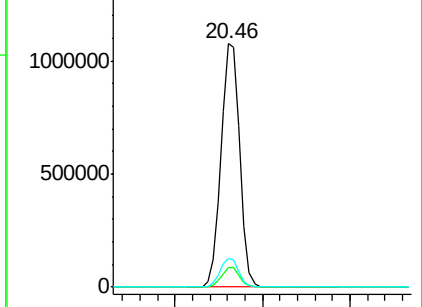
122 12.0 8.6 12.8

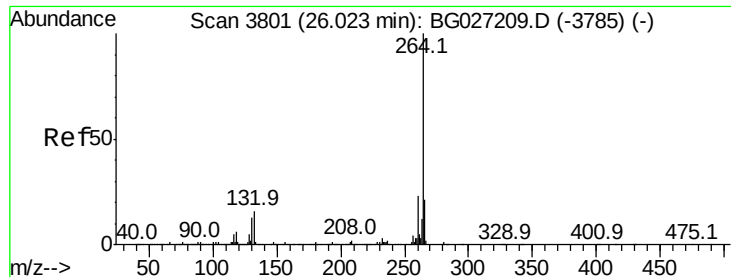


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3790
Delta R.T. -0.07 min
Lab File: BG027311.D
Acq: 8 Jun 2017 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	21.8	32.8
265	22.0	18.2	27.4

