

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027411.D
 Acq On : 14 Jun 2017 8:15
 Operator : SJ/MA
 Sample : I3634-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-KEARNY-COMP

Quant Time: Jun 14 11:42:24 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

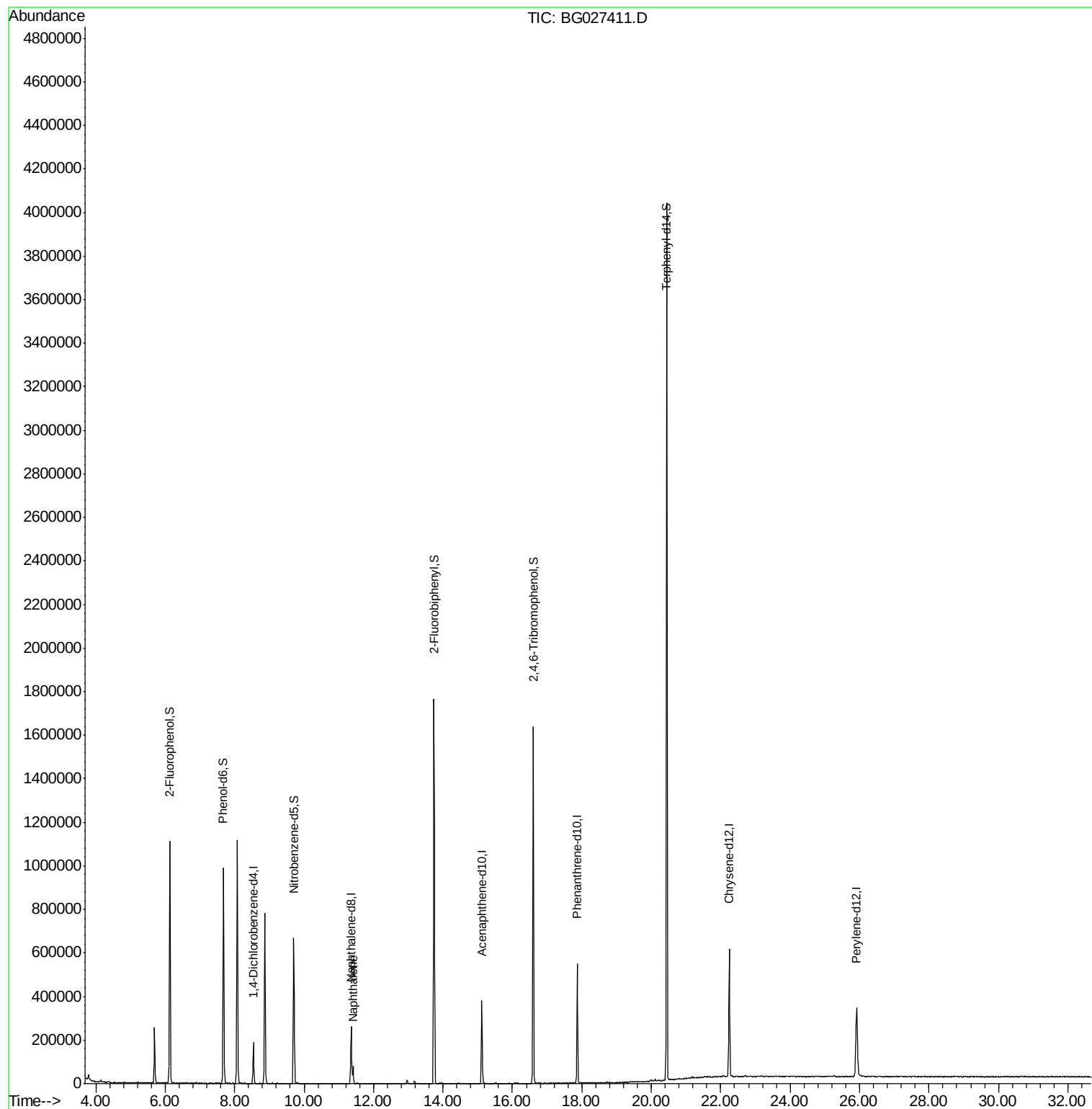
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	51694	20.00	ng	-0.04
21) Naphthalene-d8	11.35	136	224717	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	129335	20.00	ng	-0.04
63) Phenanthrene-d10	17.86	188	342444	20.00	ng	-0.05
75) Chrysene-d12	22.25	240	411075	20.00	ng	-0.06
86) Perylene-d12	25.92	264	381779	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	501167	147.94	ng	-0.03
7) Phenol-d6	7.68	99	633334	127.36	ng	-0.03
23) Nitrobenzene-d5	9.70	82	429563	120.22	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	319376	187.52	ng	-0.04
44) 2-Fluorobiphenyl	13.74	172	909654	98.39	ng	-0.05
78) Terphenyl-d14	20.44	244	1749066	108.54	ng	-0.05
Target Compounds						
31) Naphthalene	11.41	128	69721	5.68	ng	Qvalue 97

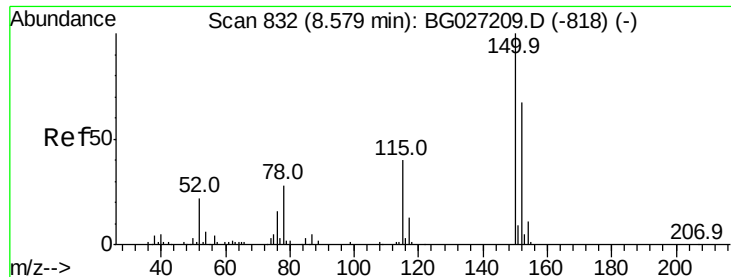
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.54 min Scan# 826

Delta R.T. -0.04 min

Lab File: BG027411.D

Acq: 14 Jun 2017 8:15

Instrument :

BNA_G

ClientSampleId :

SP-KEARNY-COMP

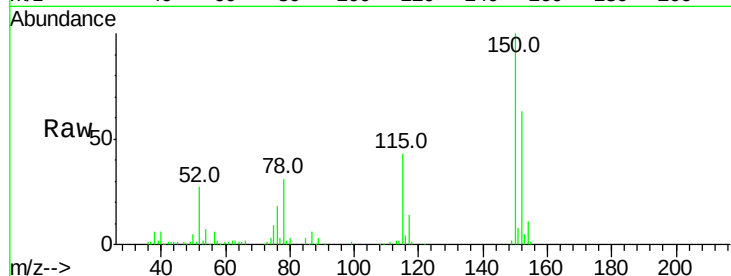
Tot Ion:152 Resp: 51694

Ion Ratio Lower Upper

152 100

150 160.0 114.0 171.0

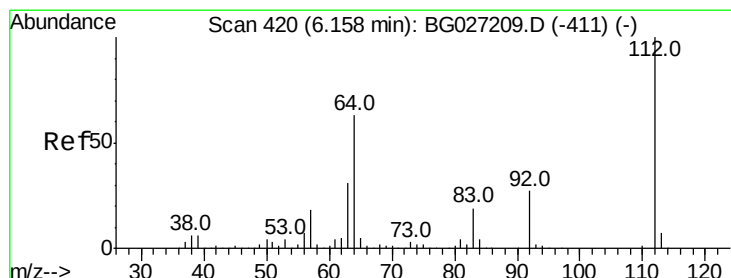
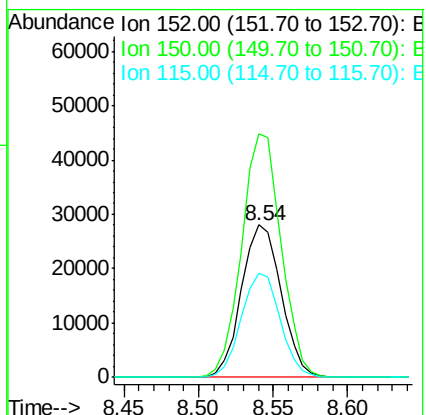
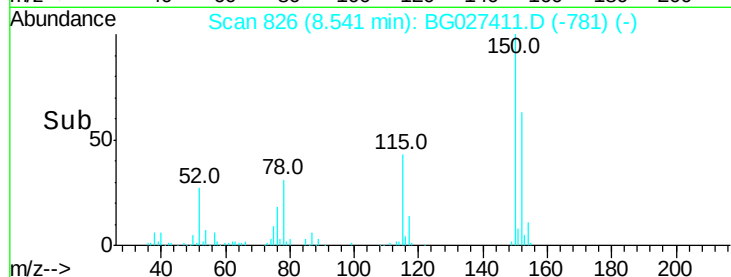
115 68.3 48.1 72.1



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: 147.94 ng

RT: 6.13 min Scan# 416

Delta R.T. -0.03 min

Lab File: BG027411.D

Acq: 14 Jun 2017 8:15

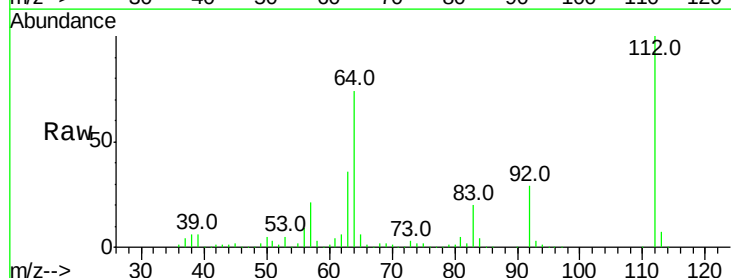
Tgt Ion:112 Resp: 501167

Ion Ratio Lower Upper

112 100

64 74.3 61.8 92.6

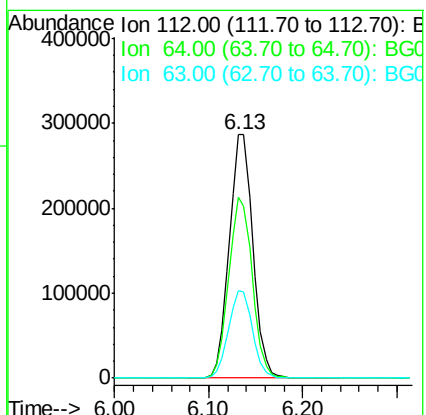
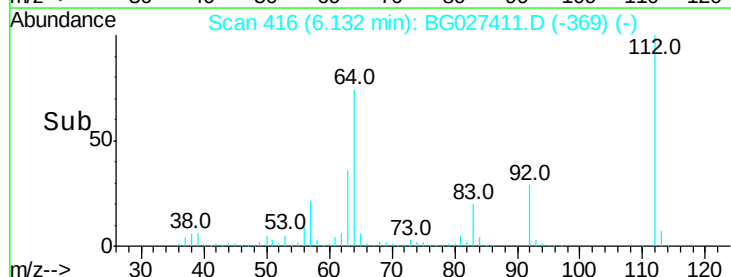
63 35.9 37.2 55.8#

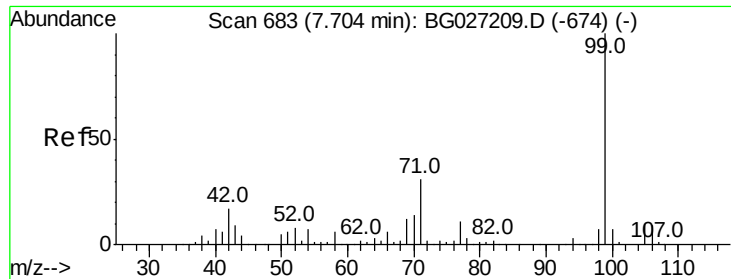


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.36 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.03 min

Lab File: BG027411.D

Acq: 14 Jun 2017 8:15

Instrument :

BNA_G

ClientSampleId :

SP-KEARNY-COMP

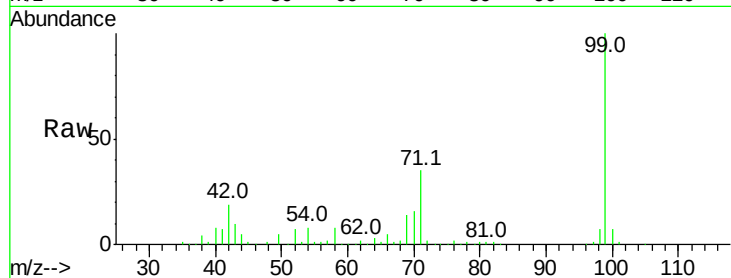
Tot Ion: 99 Resp: 633334

Ion Ratio Lower Upper

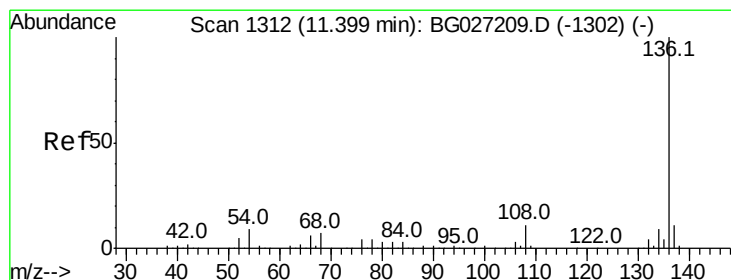
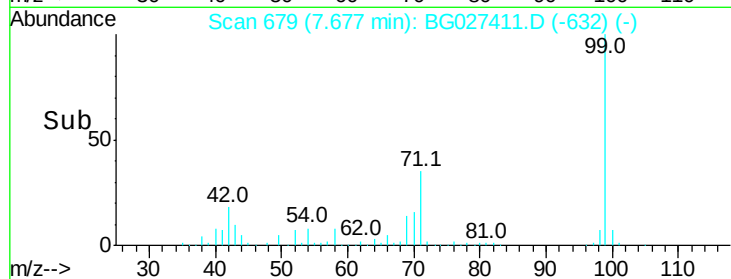
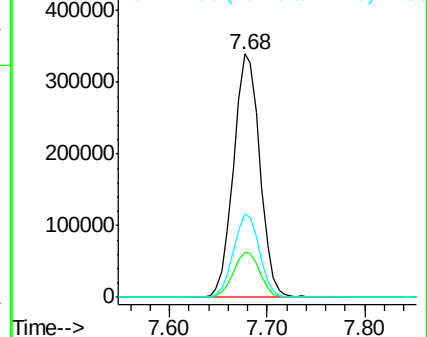
99 100

42 18.5 20.5 30.7#

71 34.6 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: 11.35 min Scan# 1305

Delta R.T. -0.04 min

Lab File: BG027411.D

Acq: 14 Jun 2017 8:15

Tgt Ion: 136 Resp: 224717

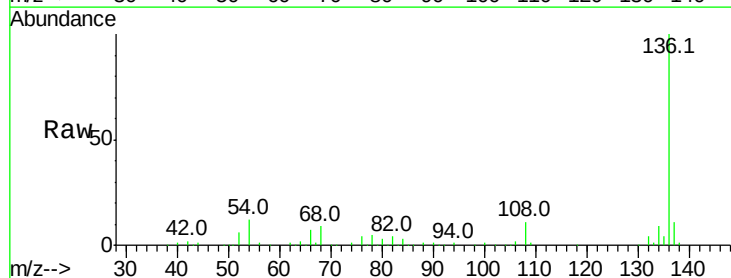
Ion Ratio Lower Upper

136 100

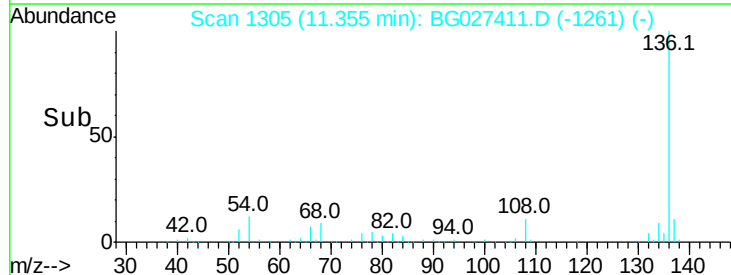
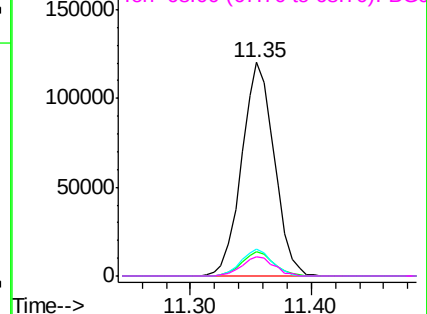
137 11.5 8.9 13.3

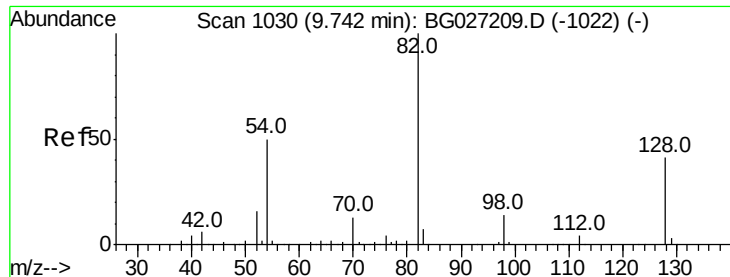
54 12.3 9.3 13.9

68 8.7 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

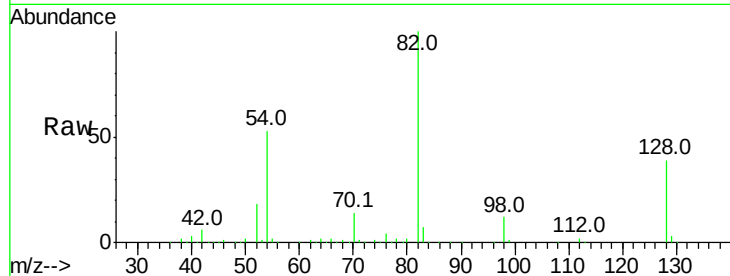




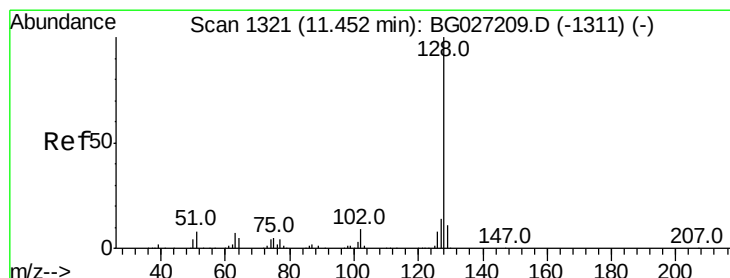
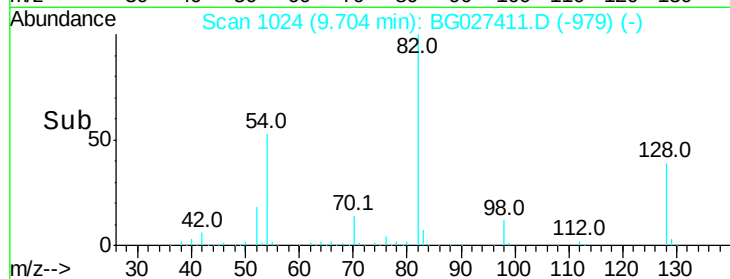
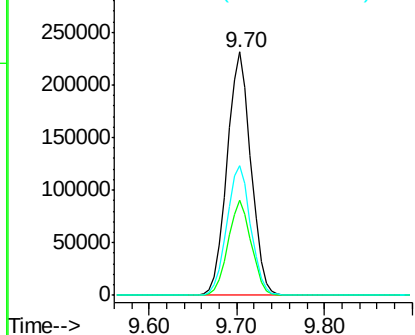
#23
 Nitrobenzene-d5
 Concen: 120.22 ng
 RT: 9.70 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027411.D
 Acq: 14 Jun 2017 8:15

Instrument :
 BNA_G
 ClientSampleId :
 SP-KEARNY-COMP

Tot Ion	82	Resp	429563
Ion Ratio	Lower	Upper	
82	100		
128	39.2	26.4	39.6
54	53.3	49.4	74.2

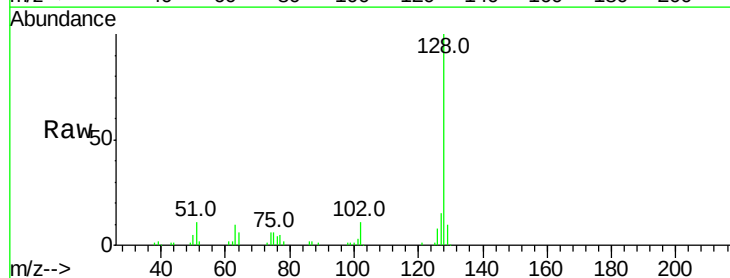


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

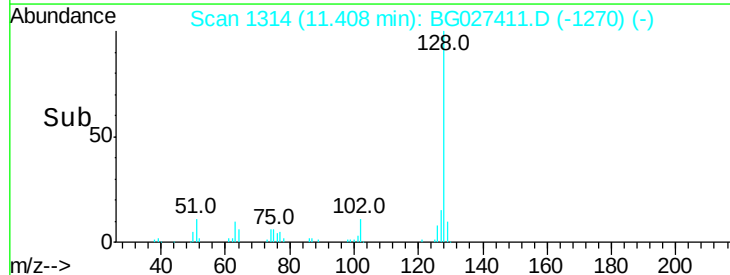
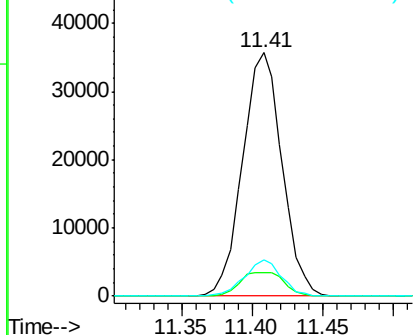


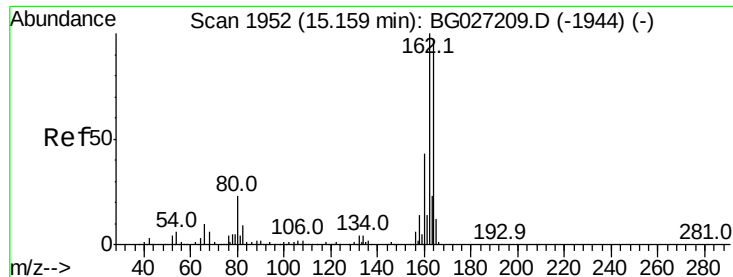
#31
 Naphthalene
 Concen: 5.68 ng
 RT: 11.41 min Scan# 1314
 Delta R.T. -0.04 min
 Lab File: BG027411.D
 Acq: 14 Jun 2017 8:15

Tgt Ion	128	Resp	69721
Ion Ratio	Lower	Upper	
128	100		
129	9.9	9.3	13.9
127	14.7	11.4	17.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.12 min Scan# 1945

Delta R.T. -0.04 min

Lab File: BG027411.D

Acq: 14 Jun 2017 8:15

Instrument :

BNA_G

ClientSampleId :

SP-KEARNY-COMP

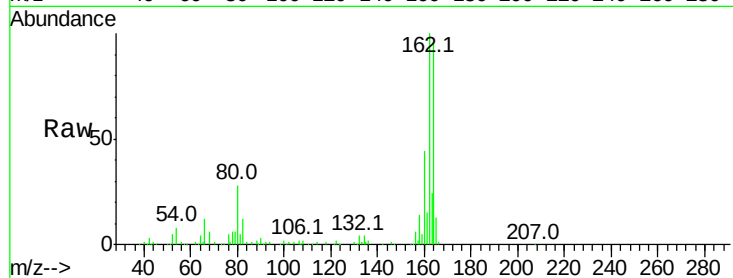
Tot Ion:164 Resp: 129335

Ion Ratio Lower Upper

164 100

162 104.2 85.1 127.7

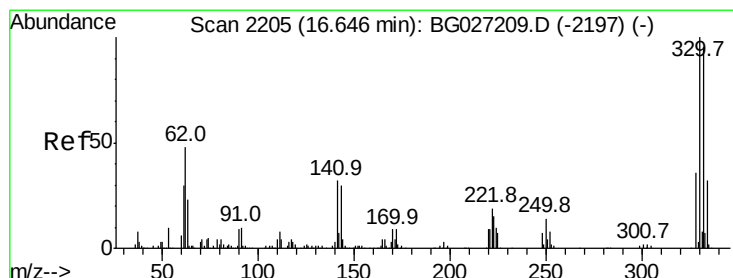
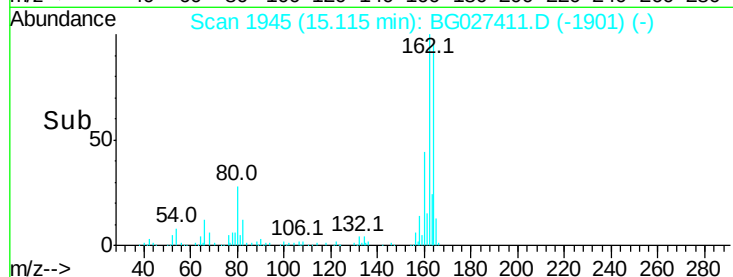
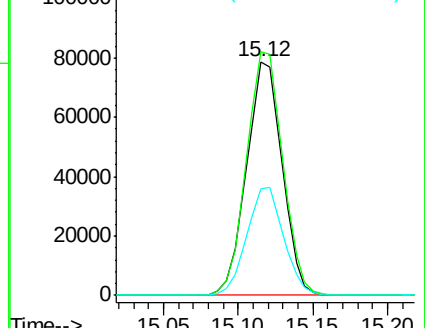
160 45.5 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 187.52 ng

RT: 16.60 min Scan# 2198

Delta R.T. -0.04 min

Lab File: BG027411.D

Acq: 14 Jun 2017 8:15

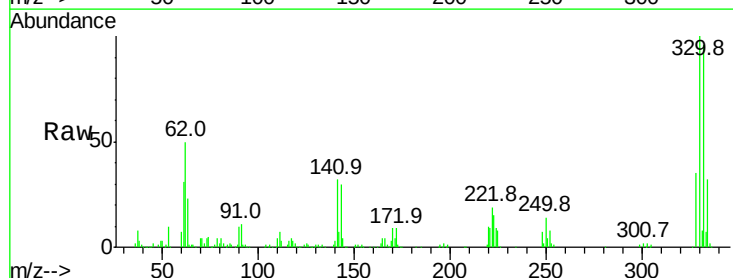
Tgt Ion:330 Resp: 319376

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

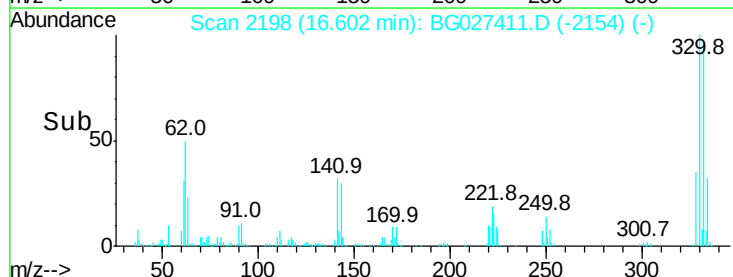
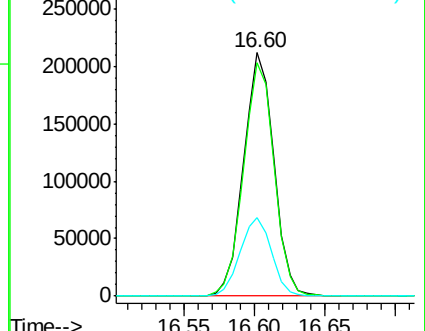
141 33.5 32.1 48.1

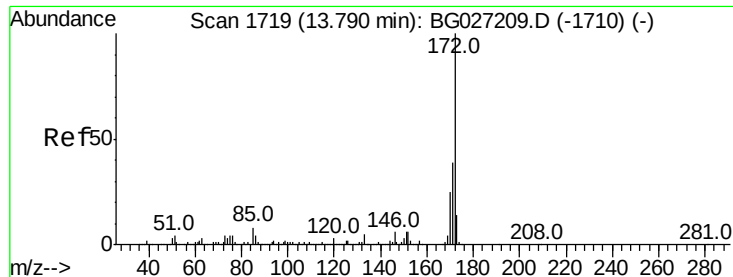


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

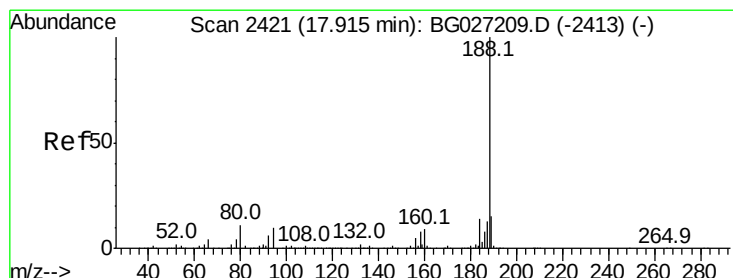
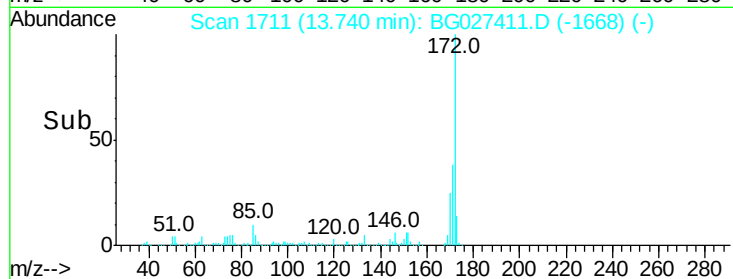
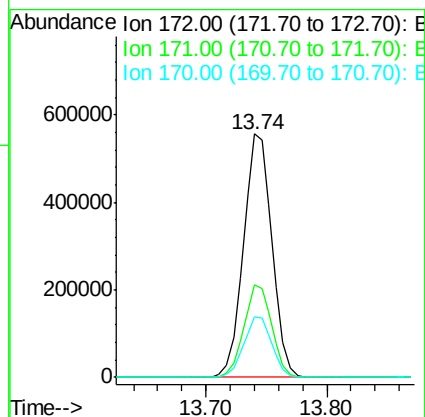
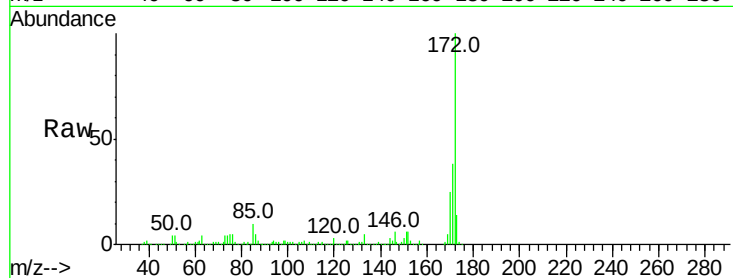




#44
2-Fluorobiphenyl
Concen: 98.39 ng
RT: 13.74 min Scan# 1711
Delta R.T. -0.05 min
Lab File: BG027411.D
Acq: 14 Jun 2017 8:15

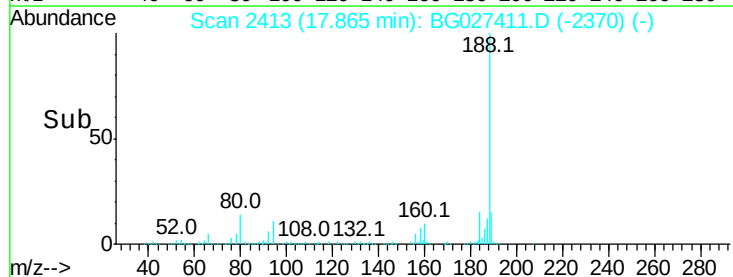
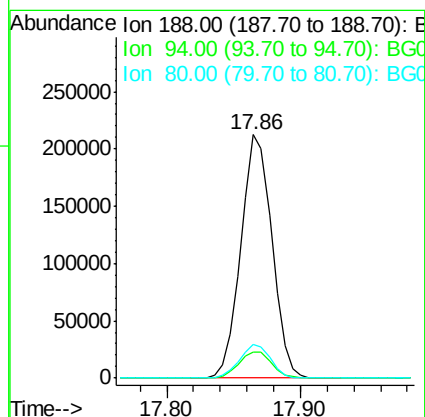
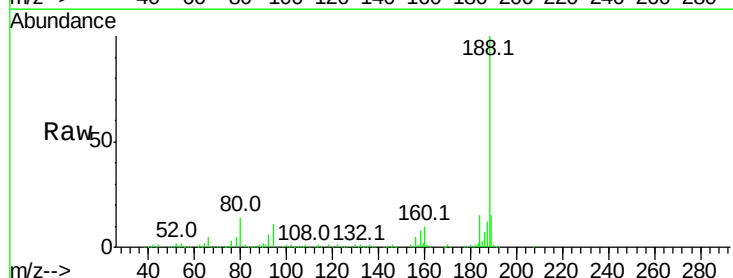
Instrument :
BNA_G
ClientSampleId :
SP-KEARNY-COMP

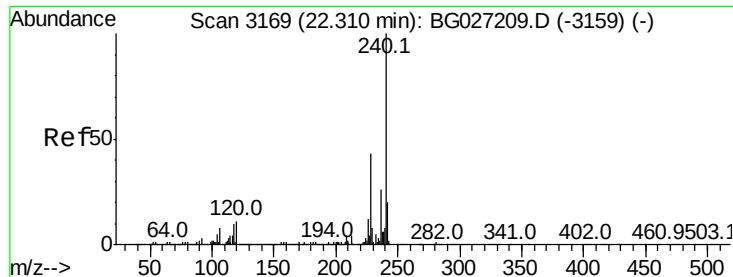
Tot Ion:172 Resp: 909654
Ion Ratio Lower Upper
172 100
171 38.3 32.2 48.2
170 24.9 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.86 min Scan# 2413
Delta R.T. -0.05 min
Lab File: BG027411.D
Acq: 14 Jun 2017 8:15

Tgt Ion:188 Resp: 342444
Ion Ratio Lower Upper
188 100
94 10.7 5.8 8.8#
80 13.6 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.25 min Scan# 3159

Delta R.T. -0.06 min

Lab File: BG027411.D

Acq: 14 Jun 2017 8:15

Instrument :

BNA_G

ClientSampleId :

SP-KEARNY-COMP

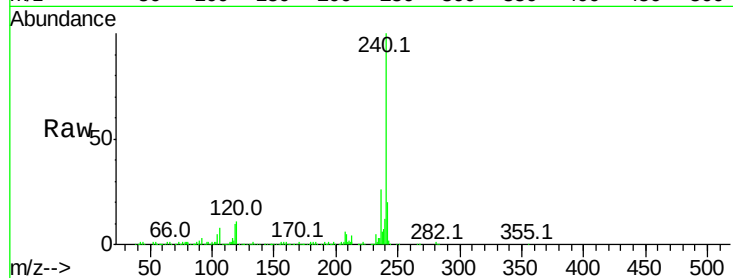
Tot Ion:240 Resp: 411075

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

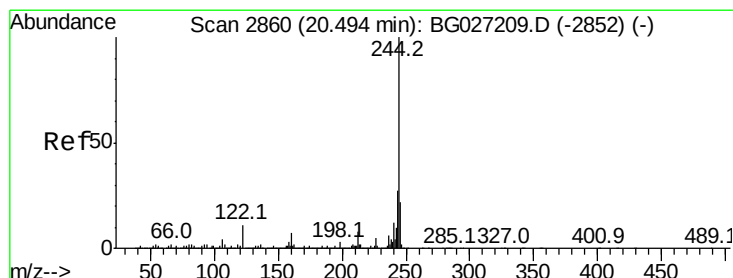
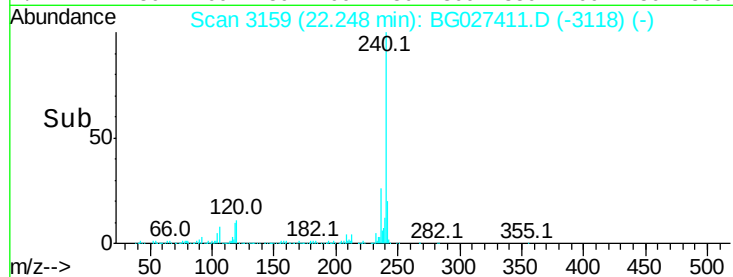
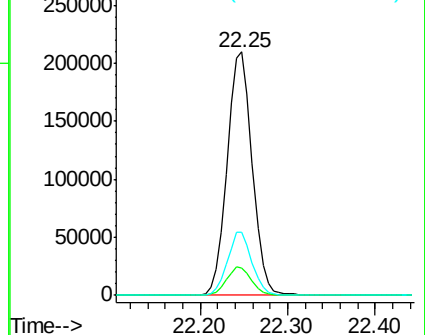
236 26.1 22.2 33.4



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: 108.54 ng

RT: 20.44 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027411.D

Acq: 14 Jun 2017 8:15

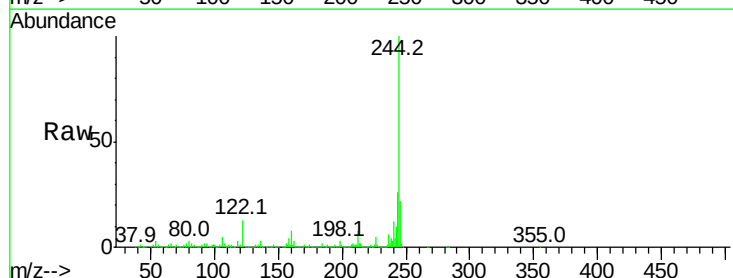
Tgt Ion:244 Resp: 1749066

Ion Ratio Lower Upper

244 100

212 8.5 10.0 15.0#

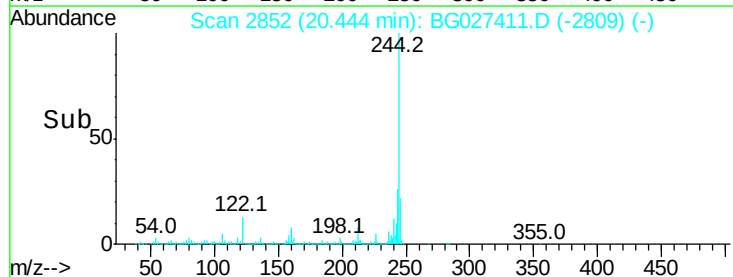
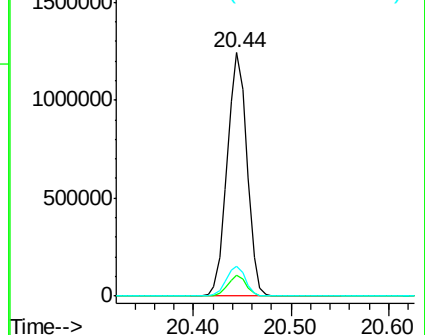
122 12.5 8.6 12.8

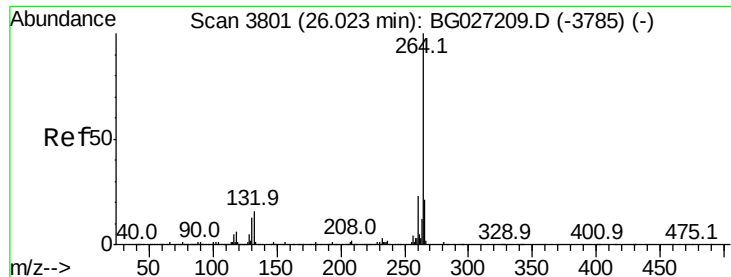


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.92 min Scan# 3784
Delta R.T. -0.10 min
Lab File: BG027411.D
Acq: 14 Jun 2017 8:15

Instrument :
BNA_G
ClientSampleId :
SP-KEARNY-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	22.4	18.2	27.4

