

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027445.D
 Acq On : 15 Jun 2017 10:19
 Operator : SJ/MA
 Sample : I3660-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-350

Quant Time: Jun 15 15:13:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

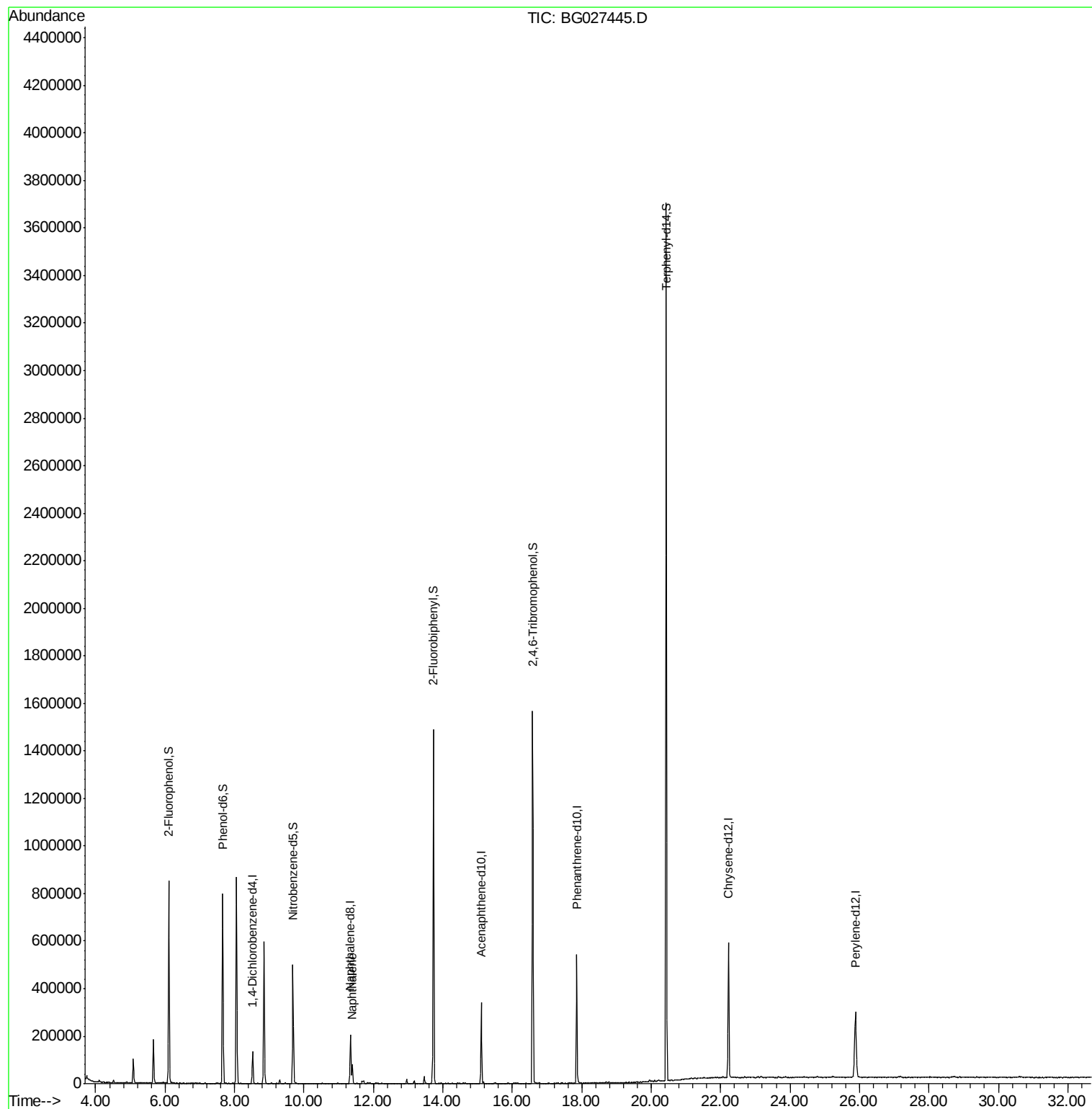
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	37346	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	170990	20.00	ng	0.00
38) Acenaphthene-d10	15.11	164	113686	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	332855	20.00	ng	0.00
75) Chrysene-d12	22.23	240	380172	20.00	ng	0.00
86) Perylene-d12	25.88	264	320582	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	379444	143.59	ng	0.00
7) Phenol-d6	7.66	99	494708	121.82	ng	0.00
23) Nitrobenzene-d5	9.68	82	334889	99.85	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	315217	184.74	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	760461	96.63	ng	0.00
78) Terphenyl-d14	20.44	244	1609013	108.48	ng	0.00
Target Compounds						
31) Naphthalene	11.39	128	68900	7.38	ng	Qvalue 99

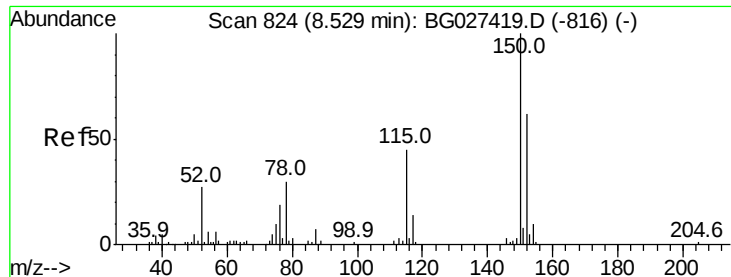
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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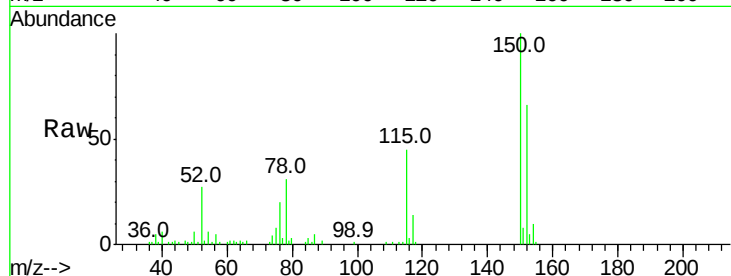


#1

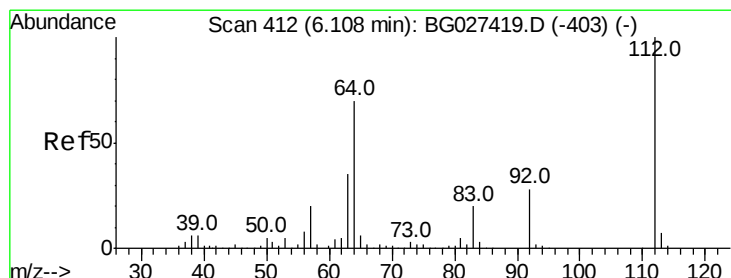
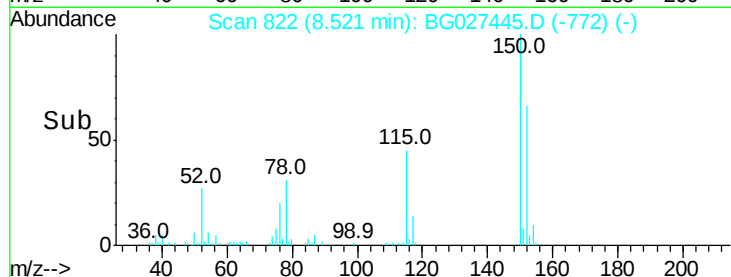
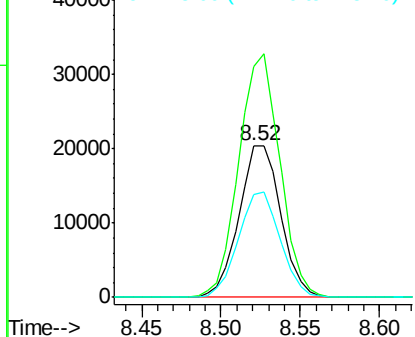
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.52 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027445.D
Acq: 15 Jun 2017 10:19

Instrument :
BNA_G
ClientSampleId :
RO-350

Tot Ion:152 Resp: 37346
Ion Ratio Lower Upper
152 100
150 152.4 114.0 171.0
115 67.9 48.1 72.1



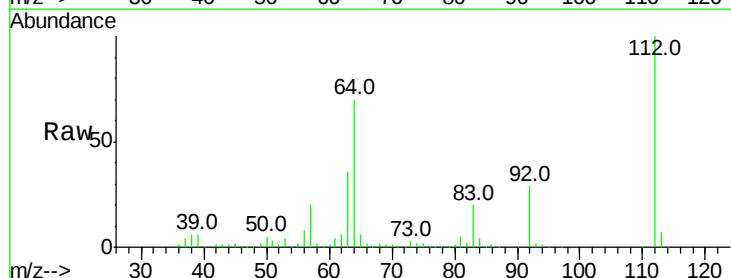
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



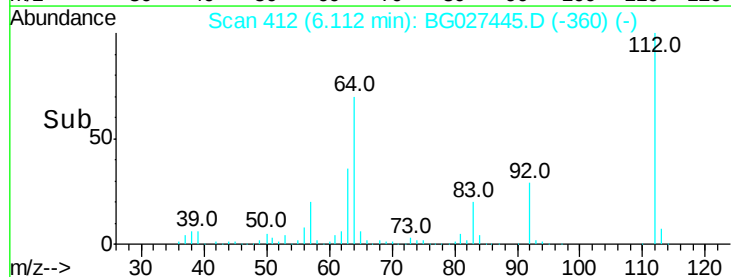
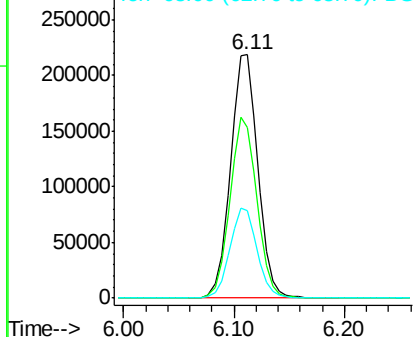
#5

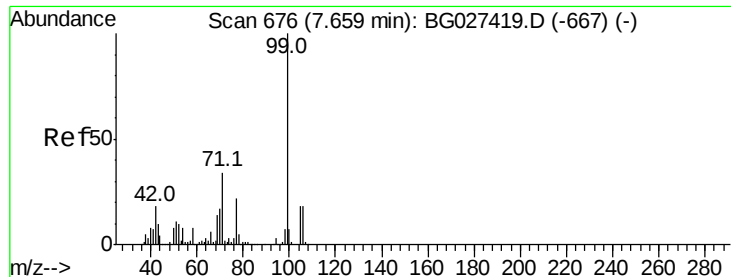
2-Fluorophenol
Concen: 143.59 ng
RT: 6.11 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027445.D
Acq: 15 Jun 2017 10:19

Tgt Ion:112 Resp: 379444
Ion Ratio Lower Upper
112 100
64 70.1 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.82 ng

RT: 7.66 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG027445.D

Acq: 15 Jun 2017 10:19

Instrument :

BNA_G

ClientSampleId :

RO-350

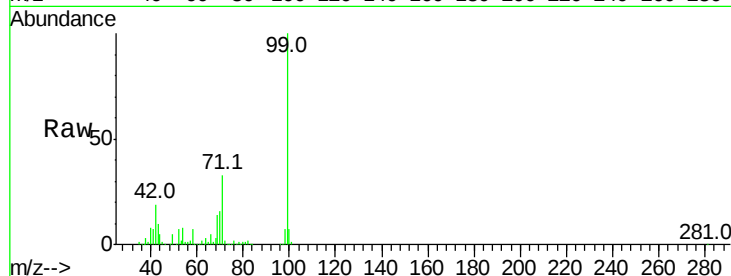
Tot Ion: 99 Resp: 494708

Ion Ratio Lower Upper

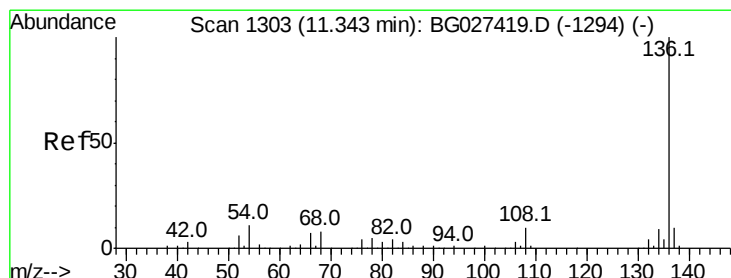
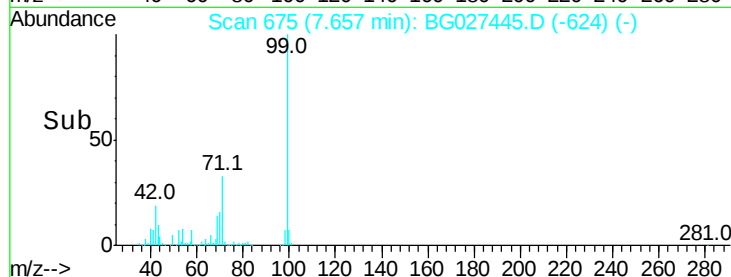
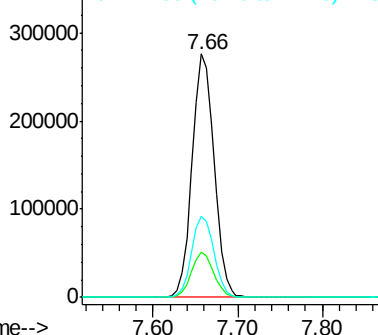
99 100

42 18.6 20.5 30.7#

71 33.4 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: 11.34 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG027445.D

Acq: 15 Jun 2017 10:19

Tgt Ion: 136 Resp: 170990

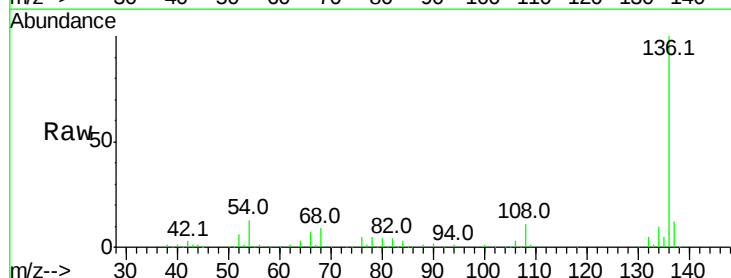
Ion Ratio Lower Upper

136 100

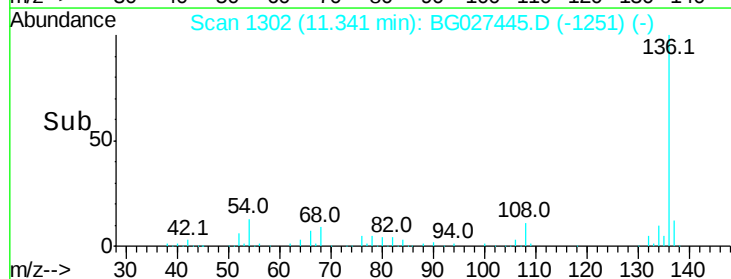
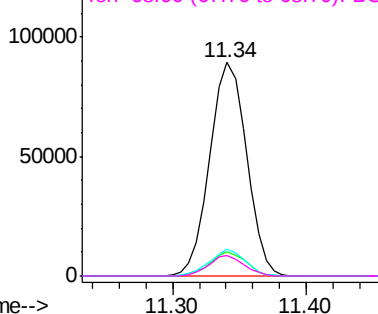
137 11.6 8.9 13.3

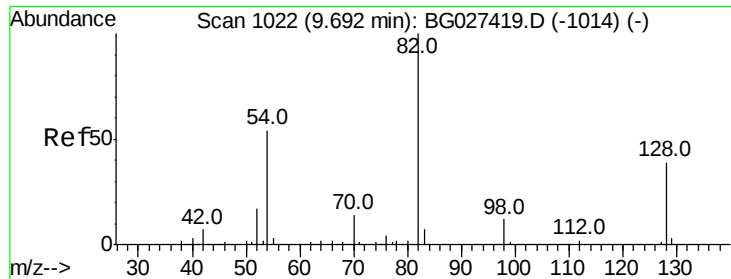
54 12.8 9.3 13.9

68 9.5 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: 99.85 ng

RT: 9.68 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG027445.D

Acq: 15 Jun 2017 10:19

Instrument :

BNA_G

ClientSampled :

RO-350

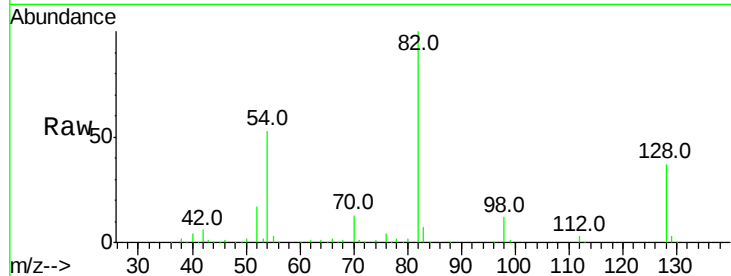
Tot Ion: 82 Resp: 334889

Ion Ratio Lower Upper

82 100

128 36.8 26.4 39.6

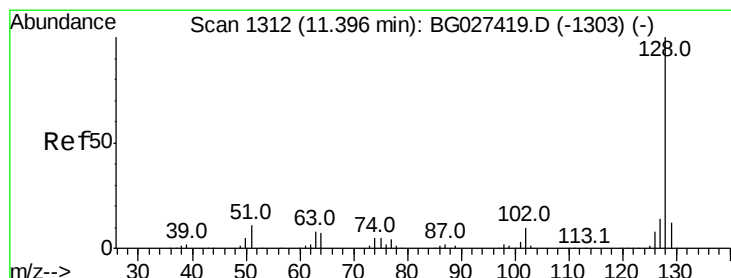
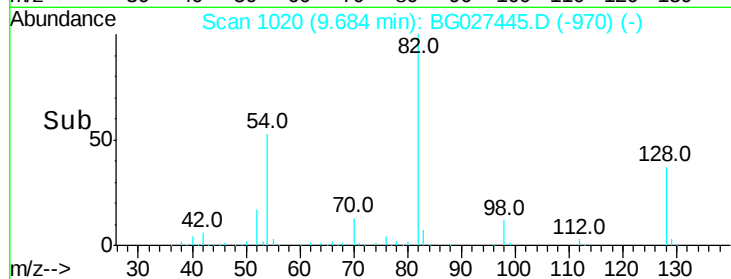
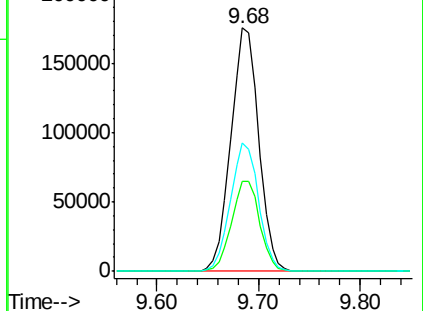
54 52.8 49.4 74.2



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: 7.38 ng

RT: 11.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BG027445.D

Acq: 15 Jun 2017 10:19

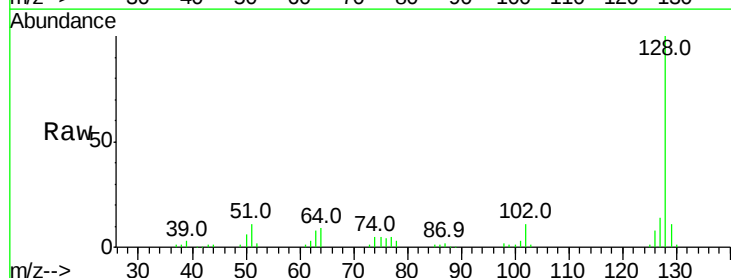
Tgt Ion: 128 Resp: 68900

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

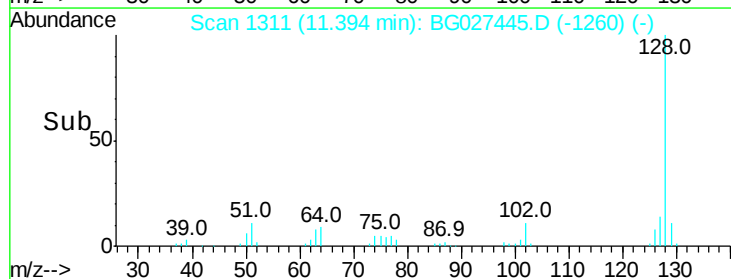
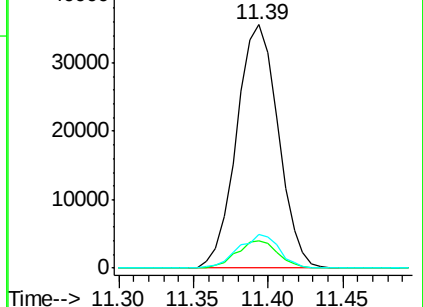
127 14.0 11.4 17.0

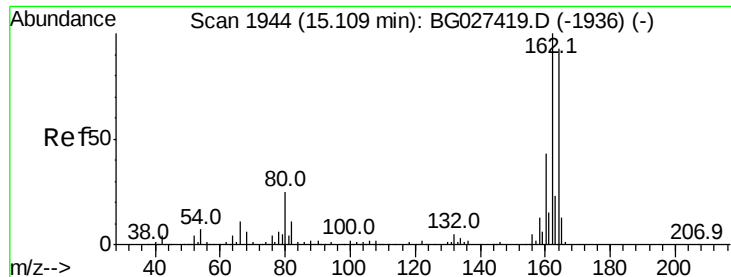


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC

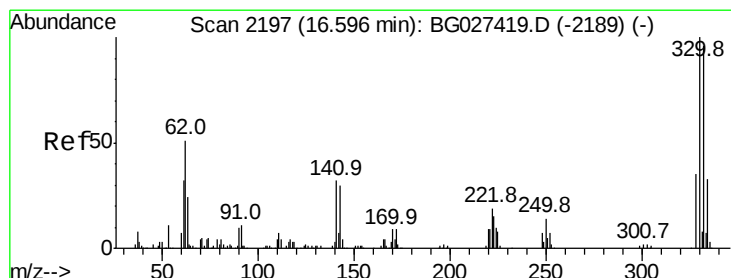
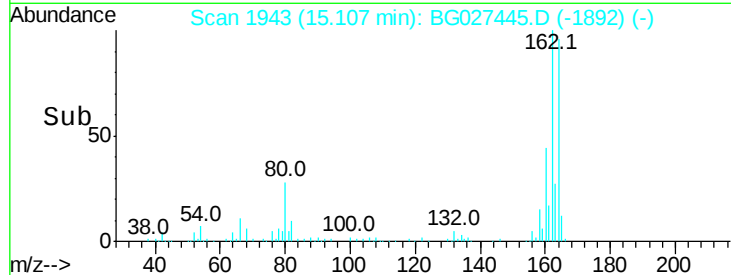
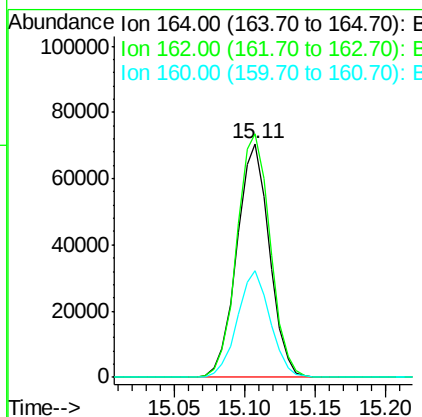
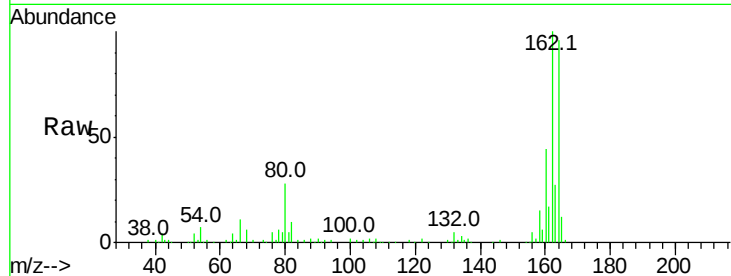




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: BG027445.D
 Acq: 15 Jun 2017 10:19

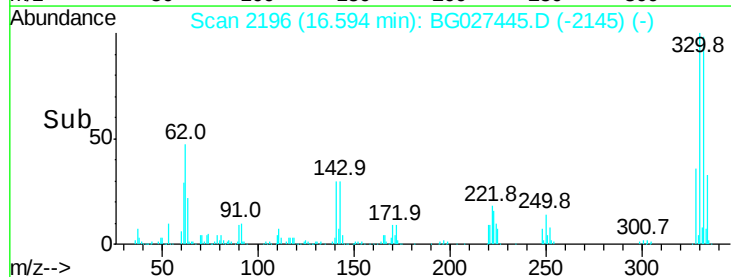
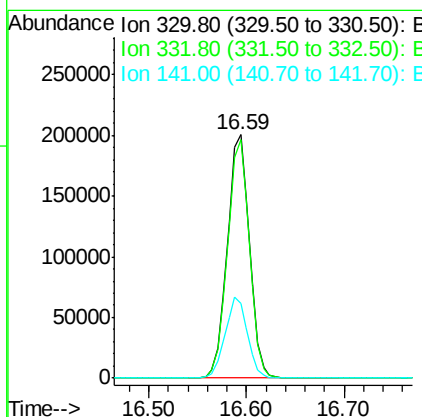
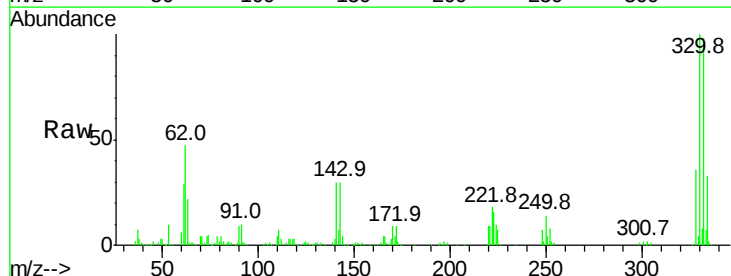
Instrument :
 BNA_G
 ClientSampleId :
 RO-350

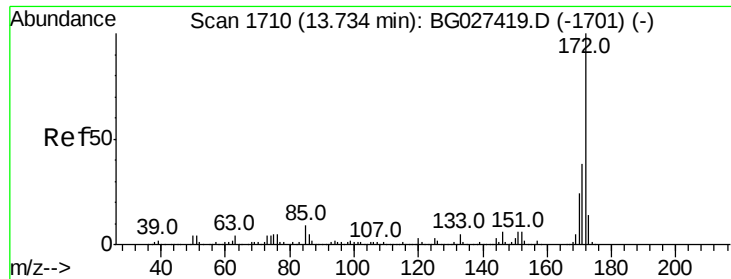
Tot Ion:164 Resp: 113686
 Ion Ratio Lower Upper
 164 100
 162 104.3 85.1 127.7
 160 45.8 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 184.74 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BG027445.D
 Acq: 15 Jun 2017 10:19

Tgt Ion:330 Resp: 315217
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 33.3 32.1 48.1

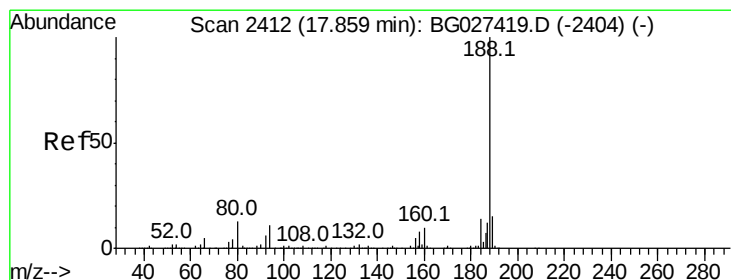
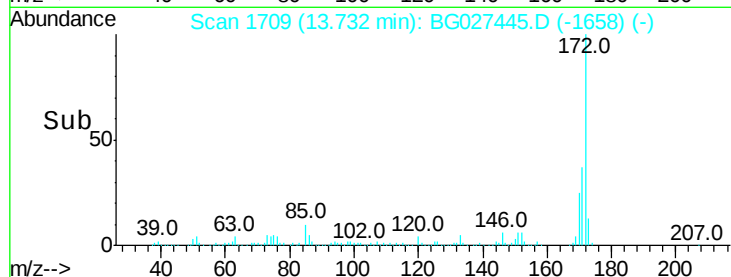
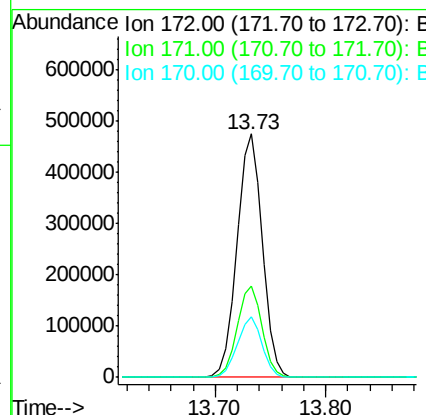
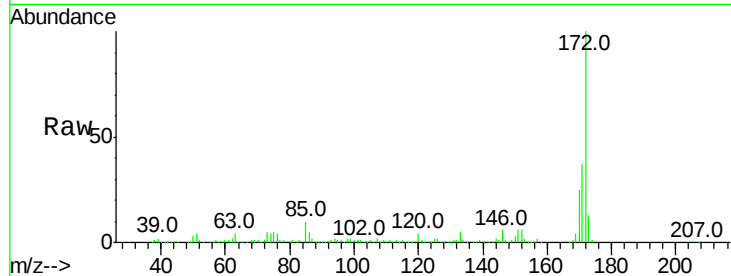




#44
 2-Fluorobiphenyl
 Concen: 96.63 ng
 RT: 13.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG027445.D
 Acq: 15 Jun 2017 10:19

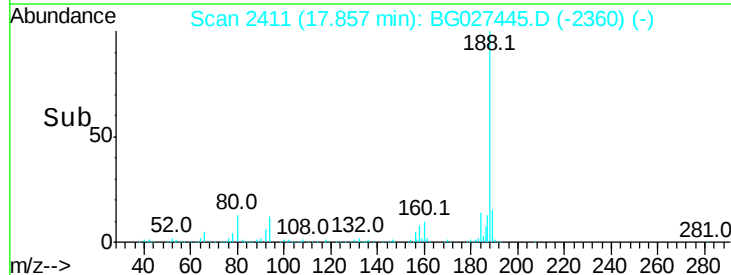
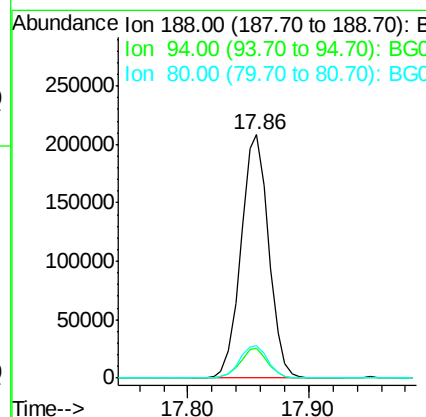
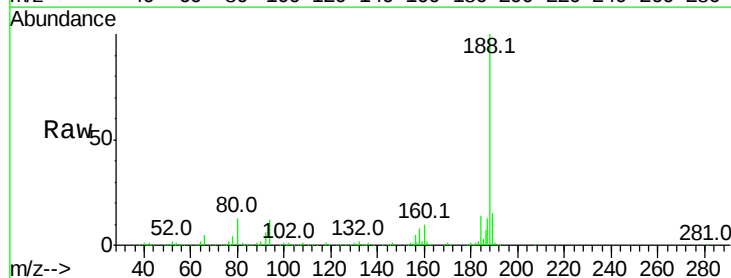
Instrument :
 BNA_G
 ClientSampleId :
 RO-350

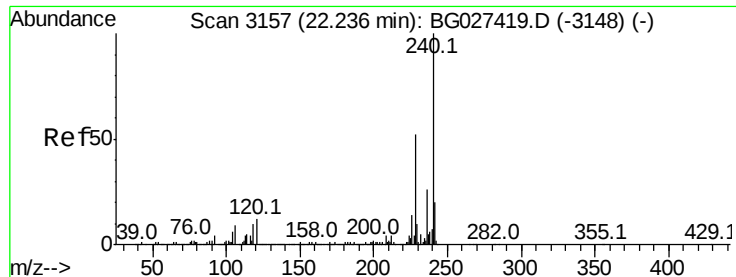
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.2	48.2
170	25.0	21.8	32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.86 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BG027445.D
 Acq: 15 Jun 2017 10:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	5.8	8.8#
80	13.3	7.5	11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.23 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG027445.D

Acq: 15 Jun 2017 10:19

Instrument :

BNA_G

ClientSampled :

RO-350

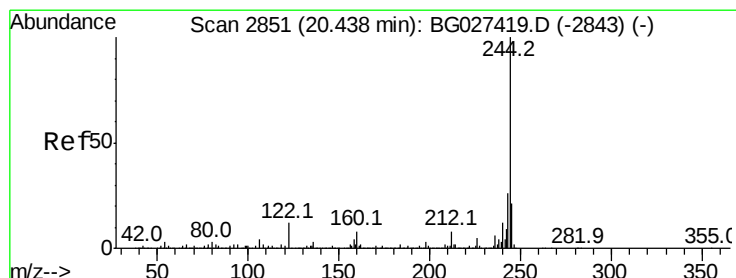
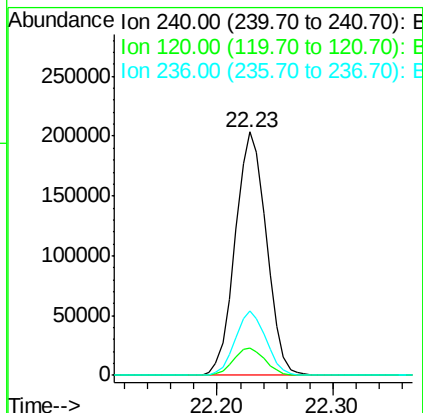
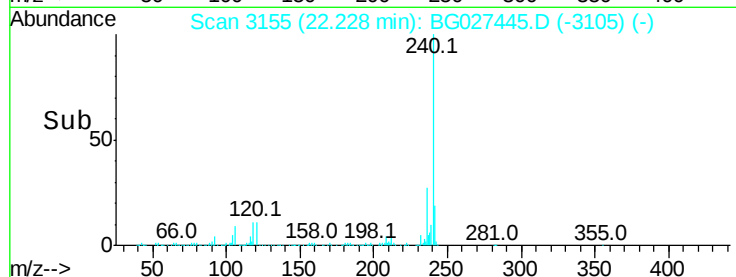
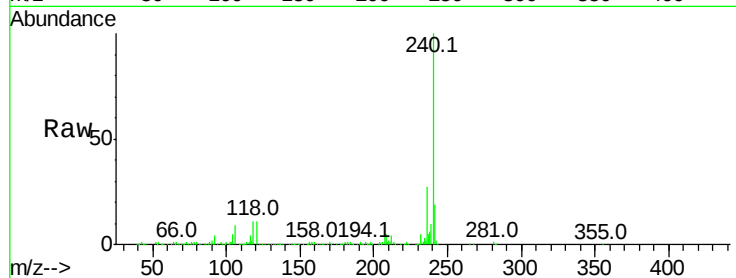
Tot Ion:240 Resp: 380172

Ion Ratio Lower Upper

240 100

120 11.1 5.7 8.5#

236 26.7 22.2 33.4



#78

Terphenyl-d14

Concen: 108.48 ng

RT: 20.44 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG027445.D

Acq: 15 Jun 2017 10:19

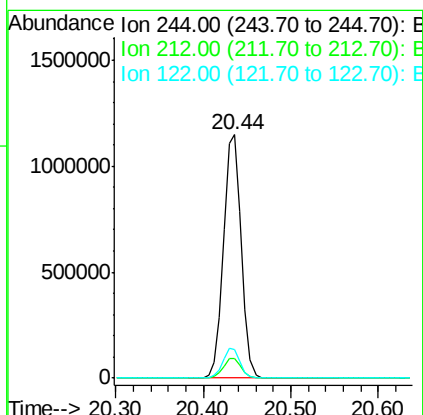
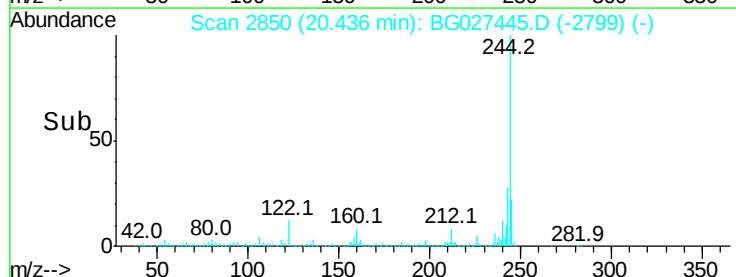
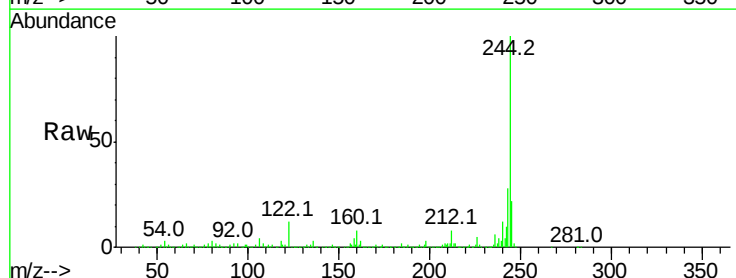
Tgt Ion:244 Resp: 1609013

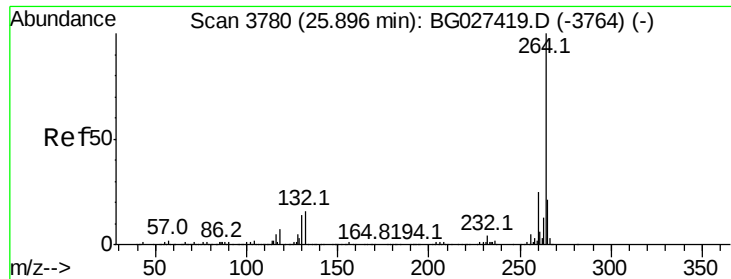
Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

122 11.6 8.6 12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.88 min Scan# 3777
Delta R.T. -0.01 min
Lab File: BG027445.D
Acq: 15 Jun 2017 10:19

Instrument :
BNA_G
ClientSampleId :
RO-350

Tot Ion:264 Resp: 320582

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.8	32.8
265	20.6	18.2	27.4

