

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070217\
 Data File : BG027816.D
 Acq On : 2 Jul 2017 13:15
 Operator : SJ/JU
 Sample : I3979-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 08:06:17 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	25808	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	121562	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	74336	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	207651	20.00	ng	0.00
75) Chrysene-d12	22.17	240	201551	20.00	ng	0.00
86) Perylene-d12	25.79	264	99226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	229349	136.85	ng	0.00
7) Phenol-d6	7.62	99	284541	111.13	ng	0.00
23) Nitrobenzene-d5	9.64	82	204561	93.80	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	197663	193.86	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	552437	106.14	ng	0.00
78) Terphenyl-d14	20.39	244	1026495	119.40	ng	0.00

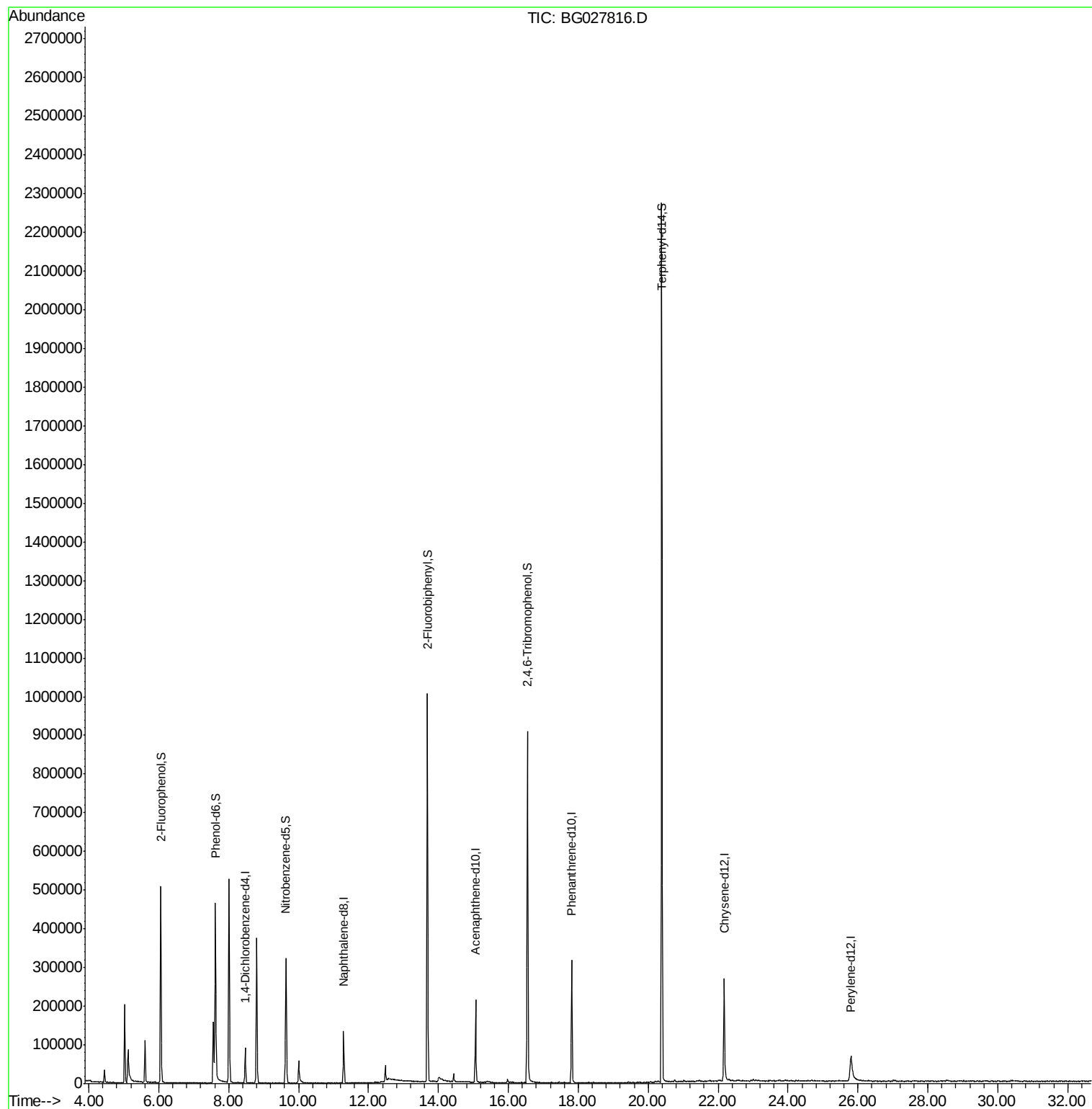
Target Compounds Qvalue

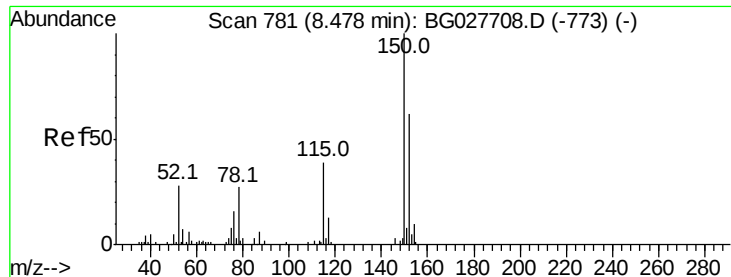
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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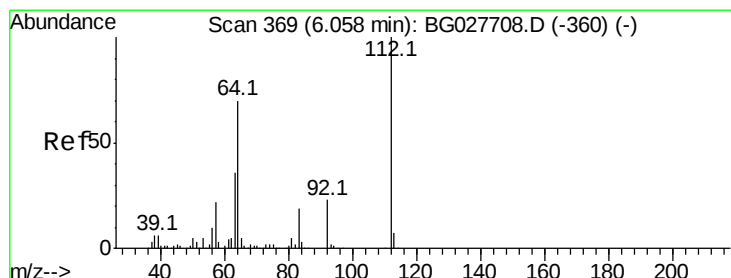
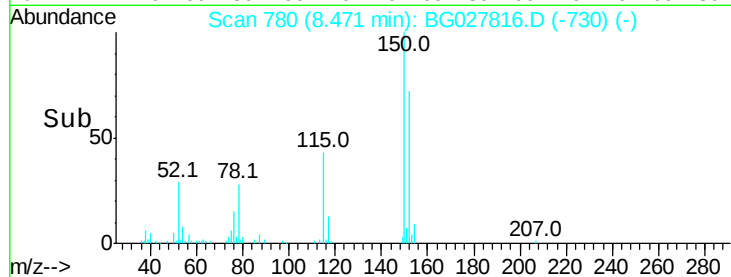
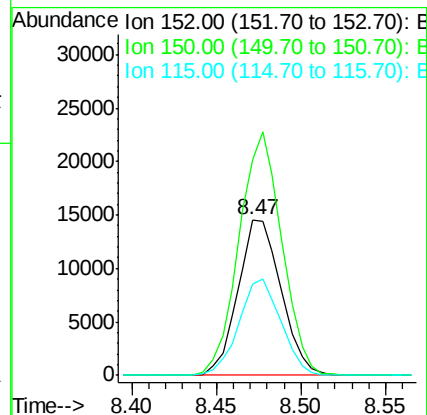
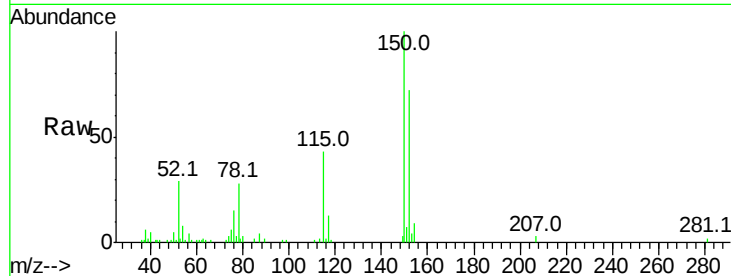


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.47 min Scan# 780
Delta R.T. -0.01 min
Lab File: BG027816.D
Acq: 2 Jul 2017 13:15

Instrument :
BNA_G
ClientSampleId :

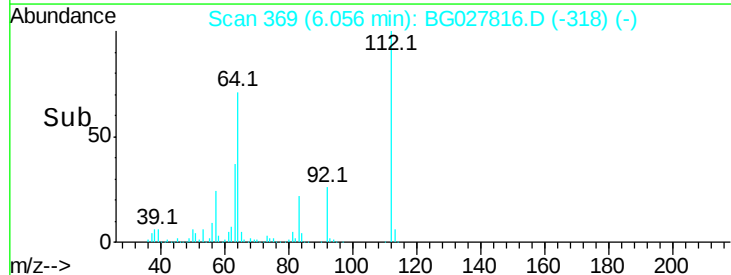
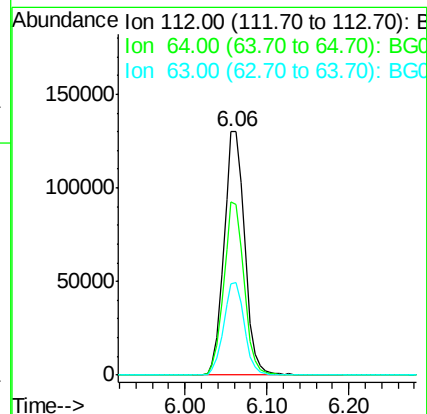
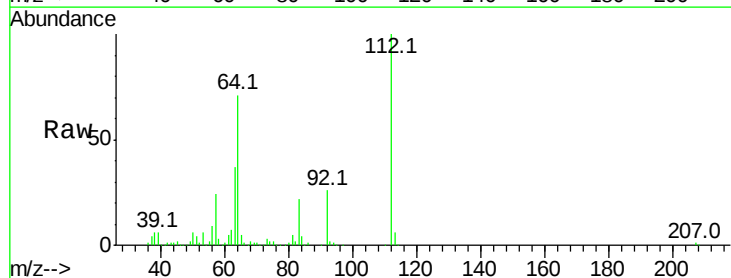
Tot Ion:152 Resp: 25808
Ion Ratio Lower Upper
152 100
150 138.0 114.0 171.0
115 58.8 48.1 72.1

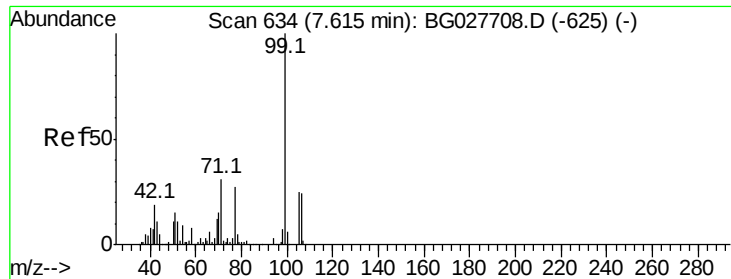


#5

2-Fluorophenol
Concen: 136.85 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027816.D
Acq: 2 Jul 2017 13:15

Tgt Ion:112 Resp: 229349
Ion Ratio Lower Upper
112 100
64 71.1 61.8 92.6
63 37.3 37.2 55.8





#7

Phenol-d6

Concen: 111.13 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027816.D

Acq: 2 Jul 2017 13:15

Instrument :

BNA_G

ClientSampleId :

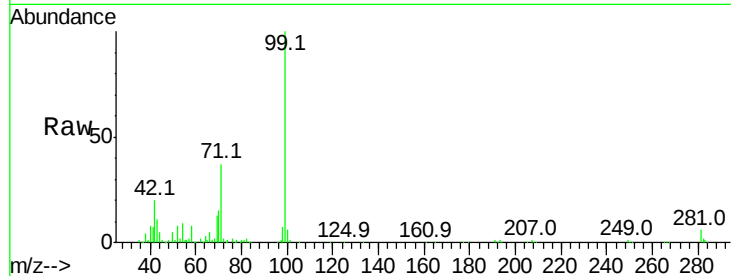
Tot Ion: 99 Resp: 284541

Ion Ratio Lower Upper

99 100

42 19.8 20.5 30.7#

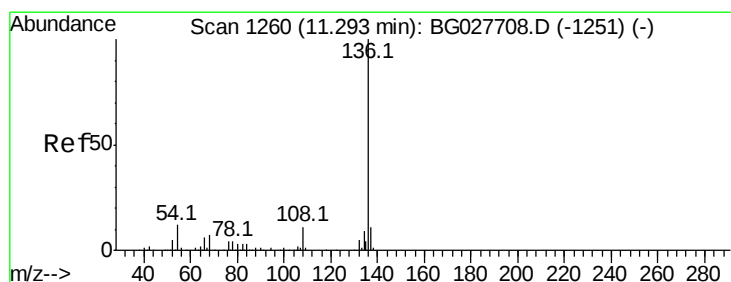
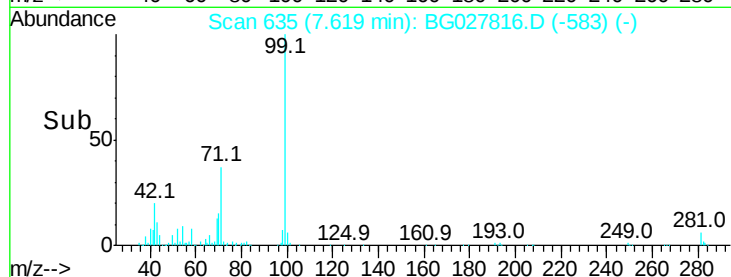
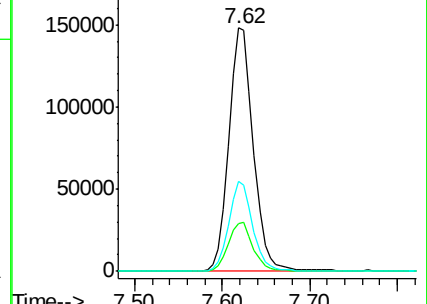
71 37.0 37.6 56.4#



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: 11.29 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG027816.D

Acq: 2 Jul 2017 13:15

Tgt Ion: 136 Resp: 121562

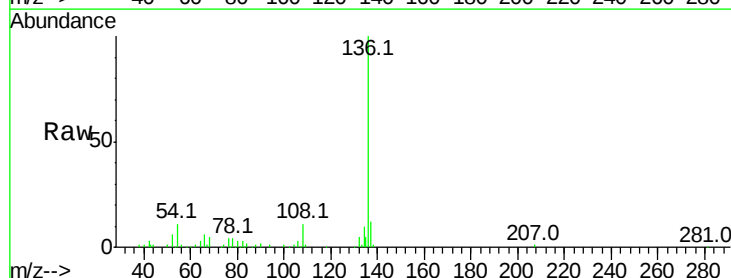
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 11.1 9.3 13.9

68 4.8 5.1 7.7#

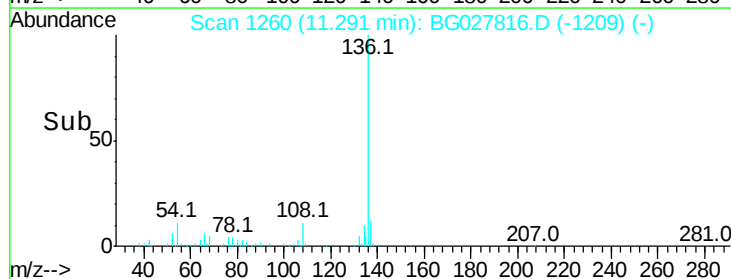
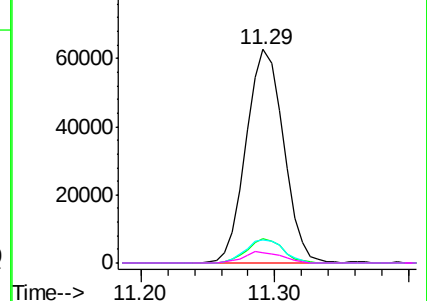


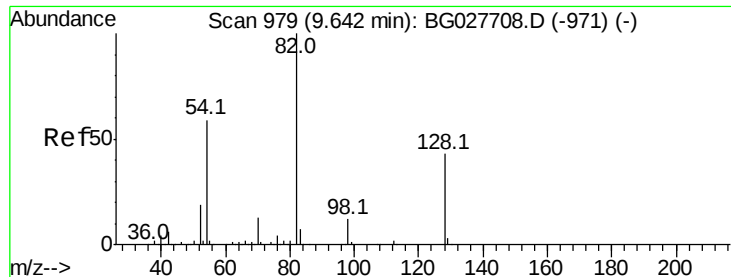
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

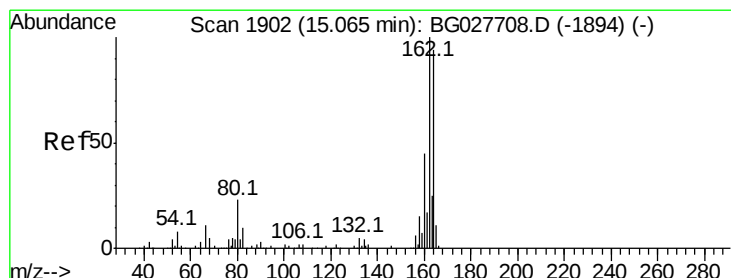
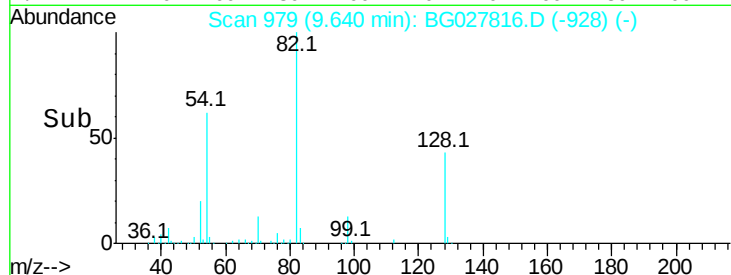
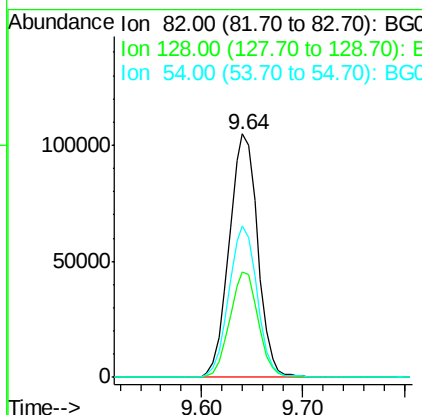
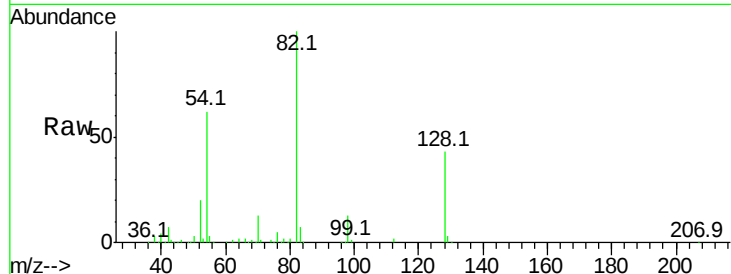




#23
Nitrobenzene-d5
Concen: 93.80 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027816.D
Acq: 2 Jul 2017 13:15

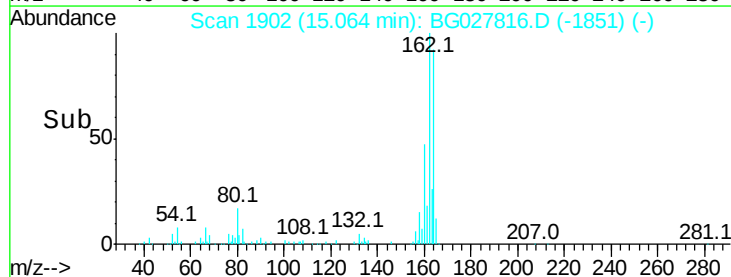
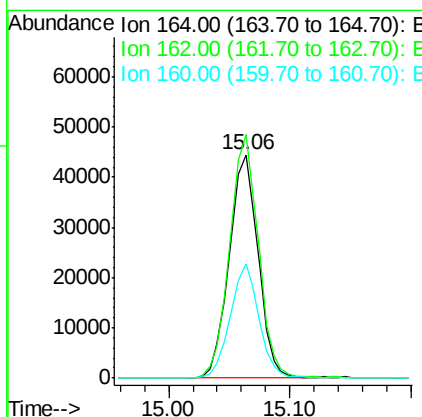
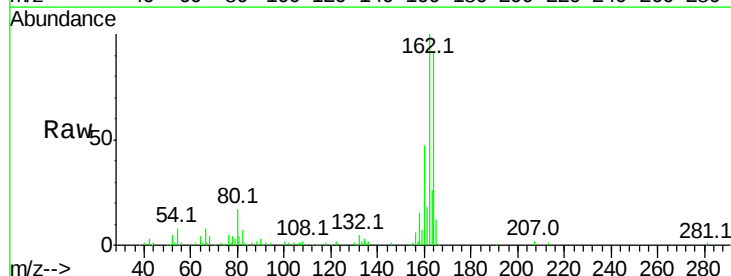
Instrument :
BNA_G
ClientSampleId :

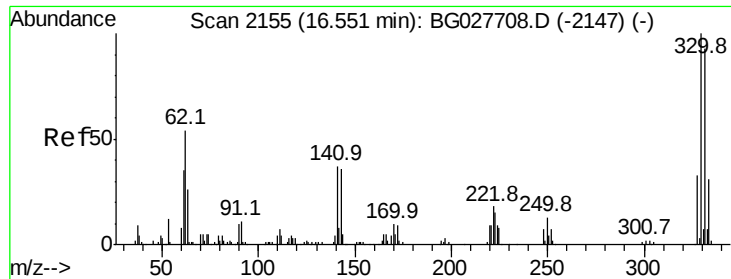
Tot Ion	82	Resp	204561
Ion Ratio	Lower	Upper	
82	100		
128	43.1	26.4	39.6#
54	62.5	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG027816.D
Acq: 2 Jul 2017 13:15

Tgt Ion	164	Resp	74336
Ion Ratio	Lower	Upper	
164	100		
162	109.0	85.1	127.7
160	51.2	34.7	52.1

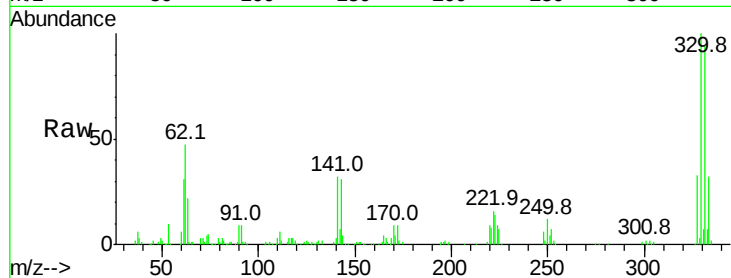




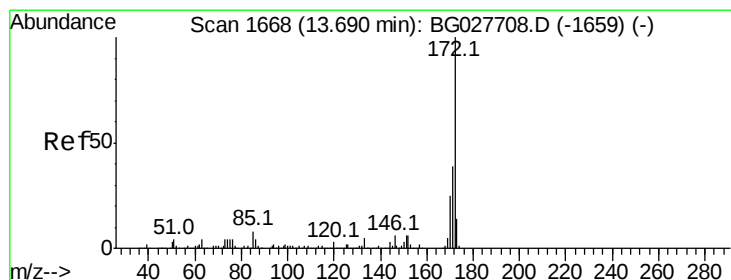
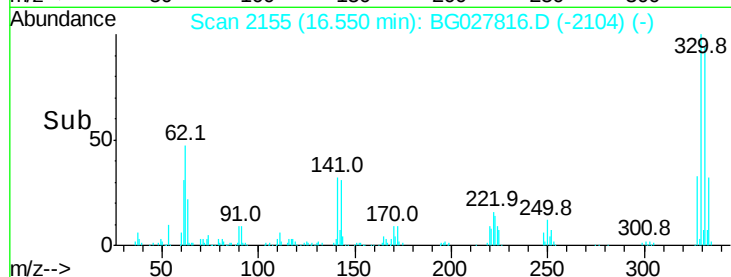
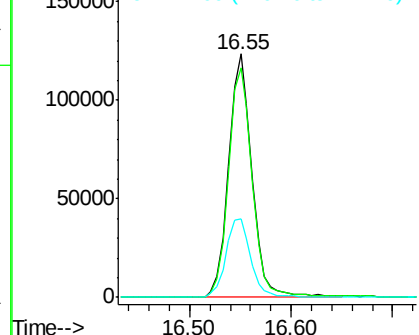
#41
 2,4,6-Tribromophenol
 Concen: 193.86 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027816.D
 Acq: 2 Jul 2017 13:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	34.7	32.1	48.1

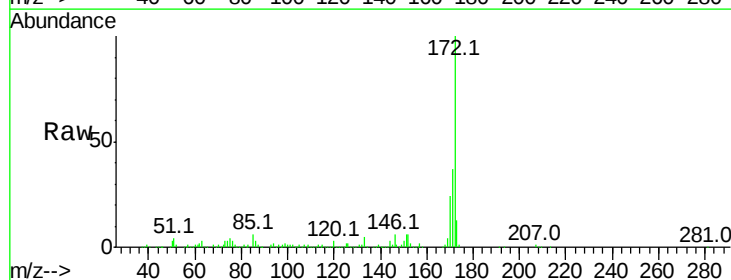


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

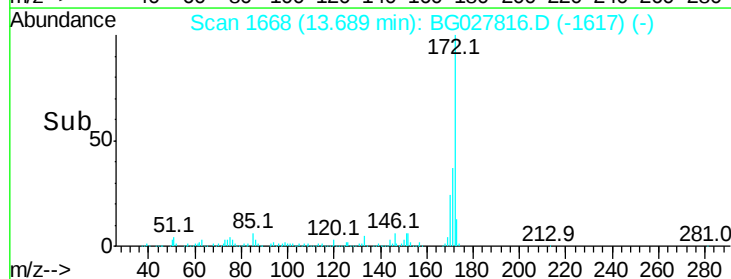
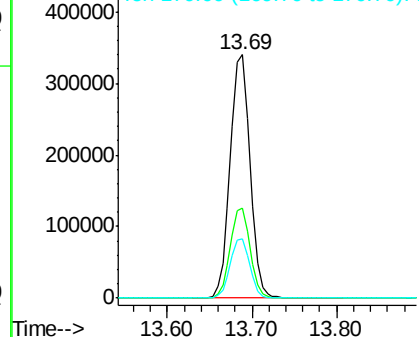


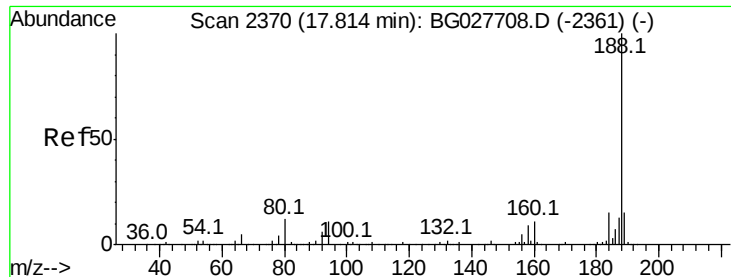
#44
 2-Fluorobiphenyl
 Concen: 106.14 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027816.D
 Acq: 2 Jul 2017 13:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	32.2	48.2
170	24.2	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.81 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BG027816.D

Acq: 2 Jul 2017 13:15

Instrument :

BNA_G

ClientSampleId :

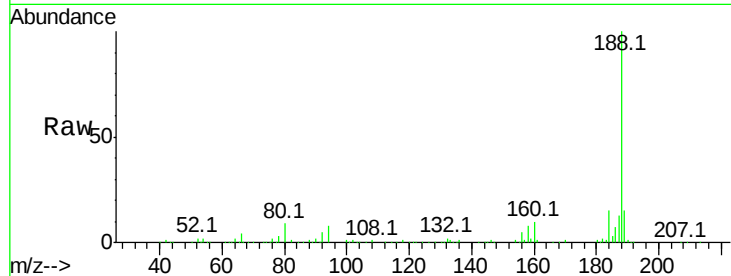
Tot Ion:188 Resp: 207651

Ion Ratio Lower Upper

188 100

94 8.3 5.8 8.8

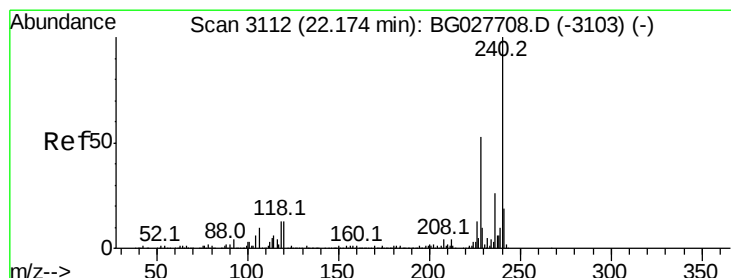
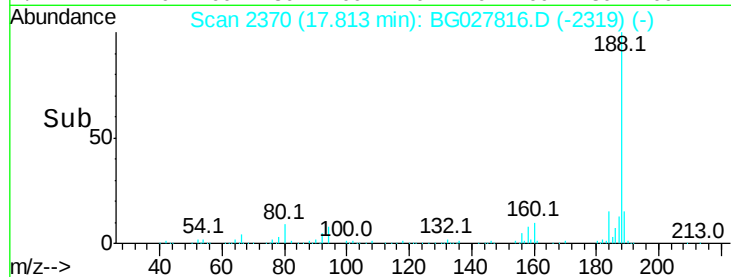
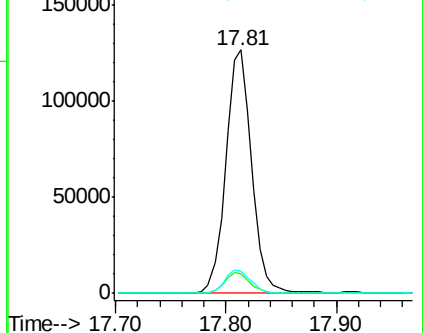
80 9.2 7.5 11.3



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: 22.17 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BG027816.D

Acq: 2 Jul 2017 13:15

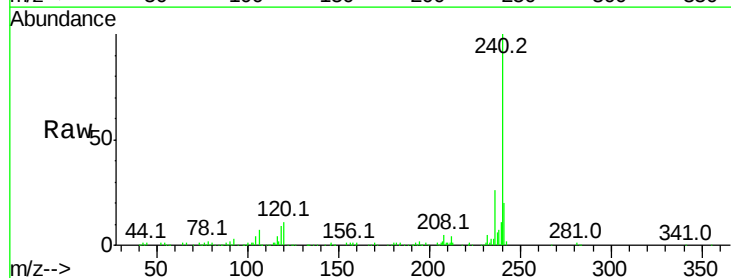
Tgt Ion:240 Resp: 201551

Ion Ratio Lower Upper

240 100

120 11.0 5.7 8.5#

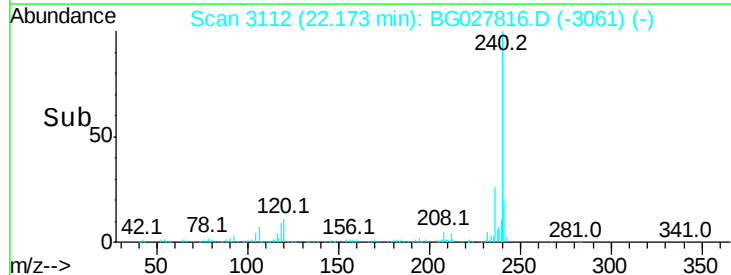
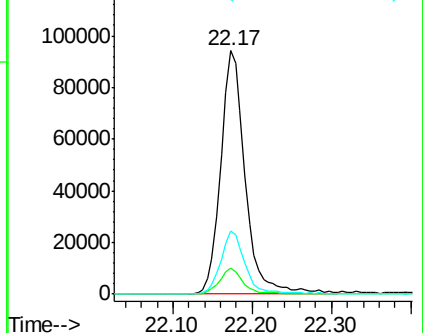
236 26.1 22.2 33.4

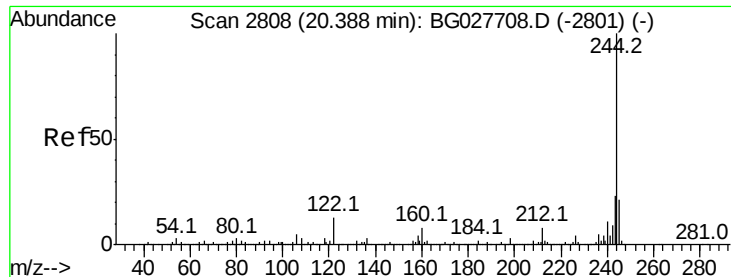


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 119.40 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027816.D

Acq: 2 Jul 2017 13:15

Instrument :

BNA_G

ClientSampled :

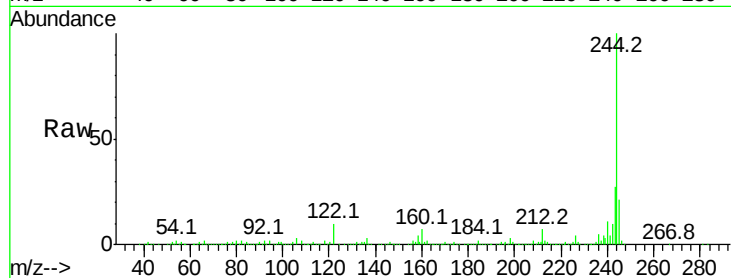
Tot Ion:244 Resp: 1026495

Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	9.8	8.6	12.8

244 100

212 7.5 10.0 15.0#

122 9.8 8.6 12.8

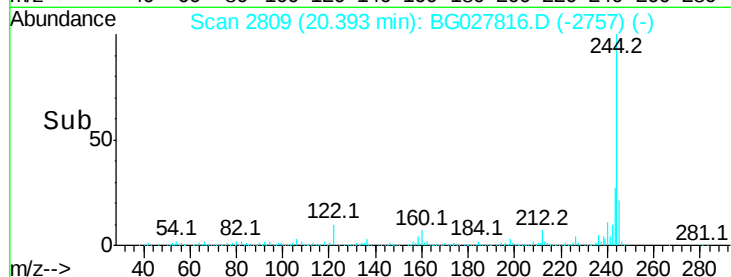


Abundance Ion 244.00 (243.70 to 244.70): E

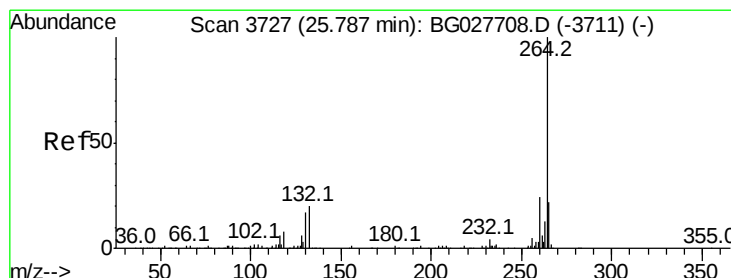
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.79 min Scan# 3728

Delta R.T. 0.00 min

Lab File: BG027816.D

Acq: 2 Jul 2017 13:15

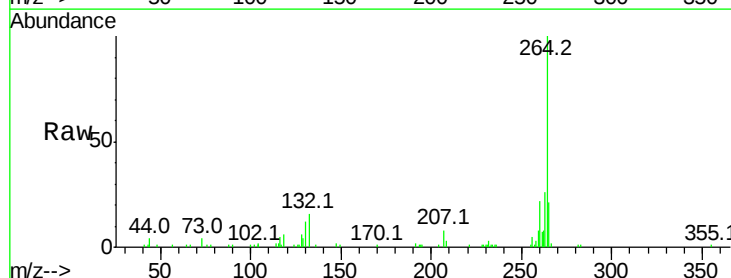
Tgt Ion:264 Resp: 99226

Ion	Ratio	Lower	Upper
264	100		
260	22.0	21.8	32.8
265	20.7	18.2	27.4

264 100

260 22.0 21.8 32.8

265 20.7 18.2 27.4

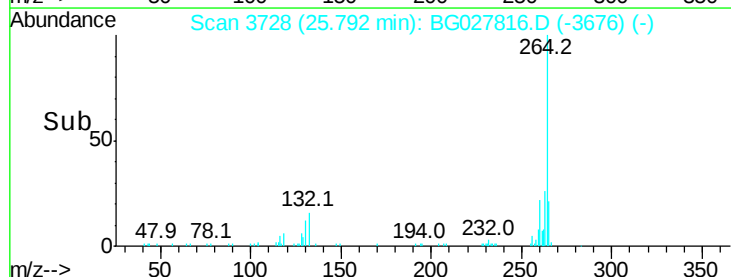


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->