

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027443.D
 Acq On : 15 Jun 2017 9:00
 Operator : SJ/MA
 Sample : I3660-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-351

Quant Time: Jun 15 11:53:46 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	36657	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	168881	20.00	ng	0.00
38) Acenaphthene-d10	15.10	164	115159	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	329953	20.00	ng	0.00
75) Chrysene-d12	22.23	240	383739	20.00	ng	0.00
86) Perylene-d12	25.88	264	368107	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	339934	131.06	ng	0.00
7) Phenol-d6	7.66	99	452587	113.54	ng	0.00
23) Nitrobenzene-d5	9.69	82	298011	89.97	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	295756	171.12	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	681851	85.54	ng	0.00
78) Terphenyl-d14	20.43	244	1538727	102.77	ng	0.00

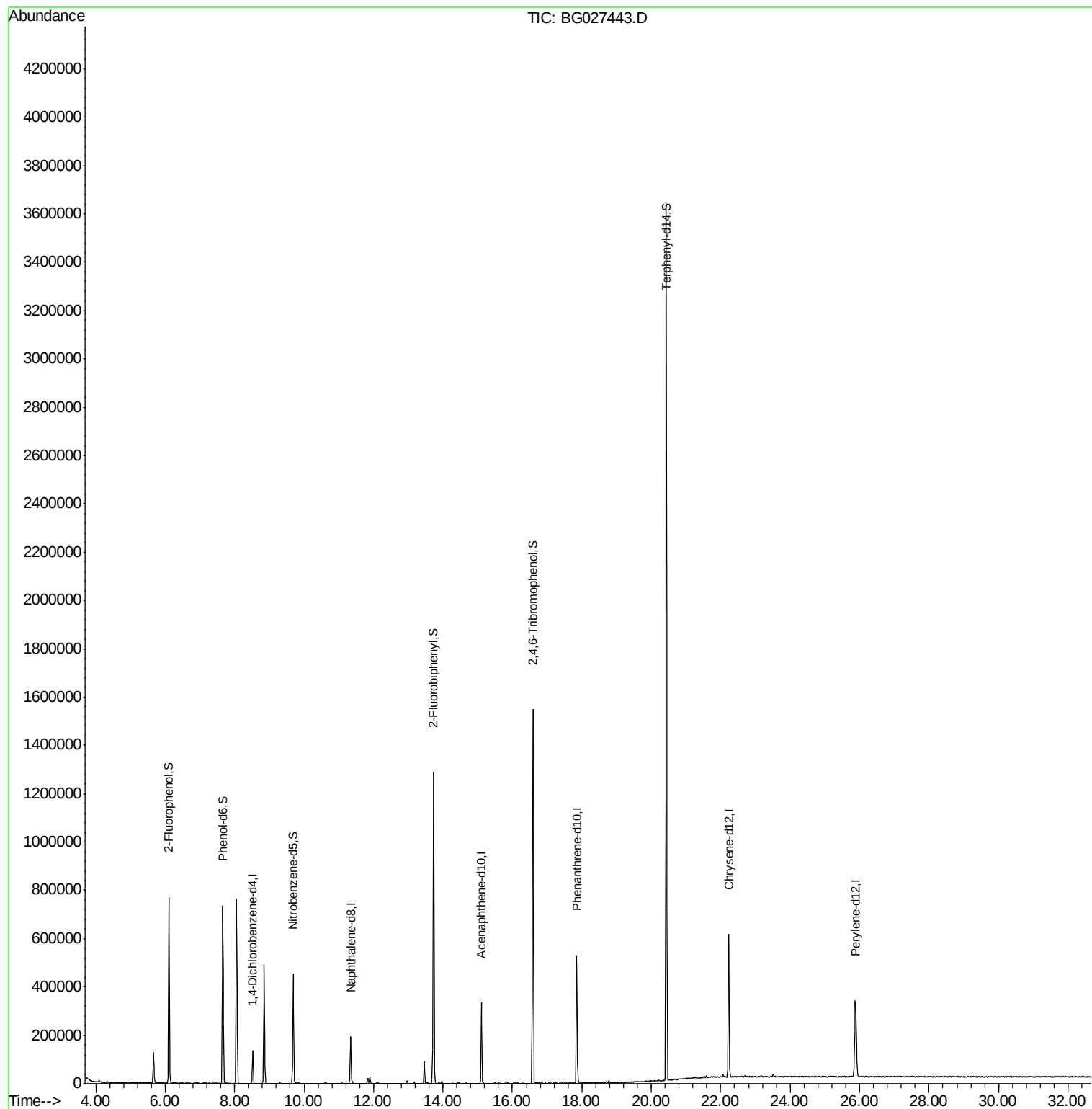
Target Compounds Qvalue

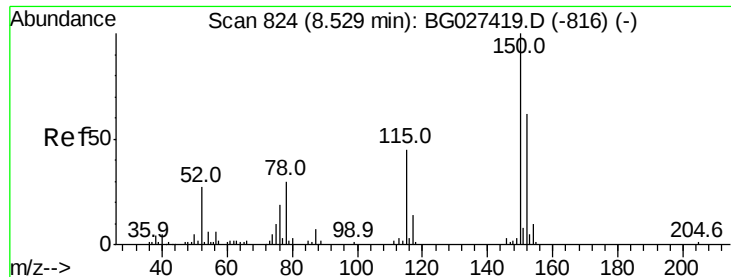
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.52 min Scan# 823

Delta R.T. -0.01 min

Lab File: BG027443.D

Acq: 15 Jun 2017 9:00

Instrument :

BNA_G

ClientSampleId :

RO-351

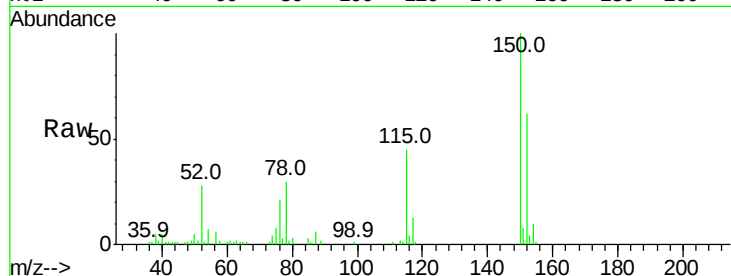
Tot Ion:152 Resp: 36657

Ion Ratio Lower Upper

152 100

150 160.7 114.0 171.0

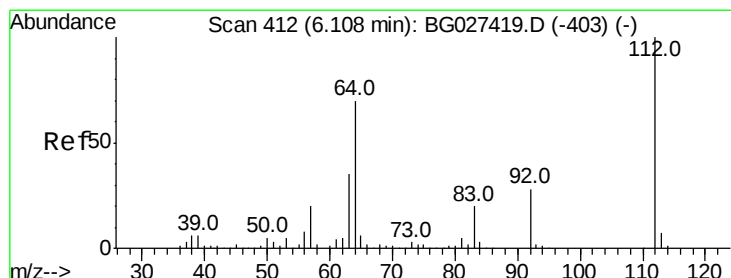
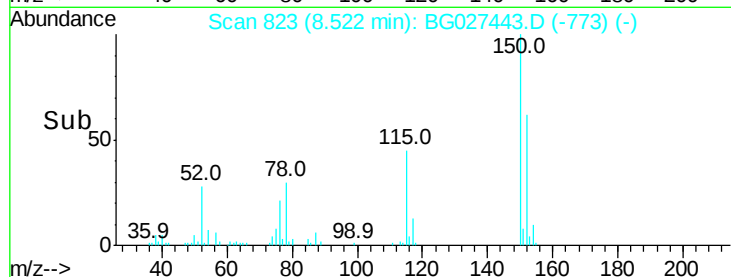
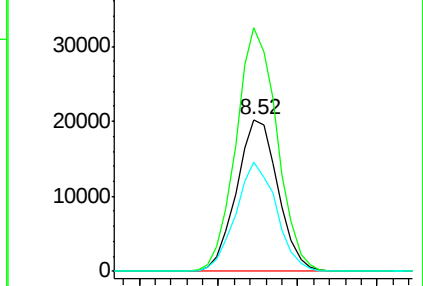
115 72.4 48.1 72.1#



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: 131.06 ng

RT: 6.11 min Scan# 412

Delta R.T. 0.00 min

Lab File: BG027443.D

Acq: 15 Jun 2017 9:00

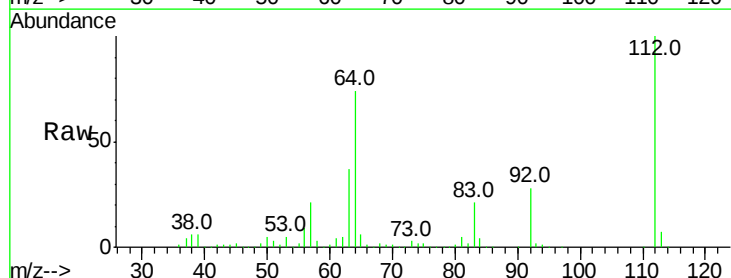
Tgt Ion:112 Resp: 339934

Ion Ratio Lower Upper

112 100

64 73.9 61.8 92.6

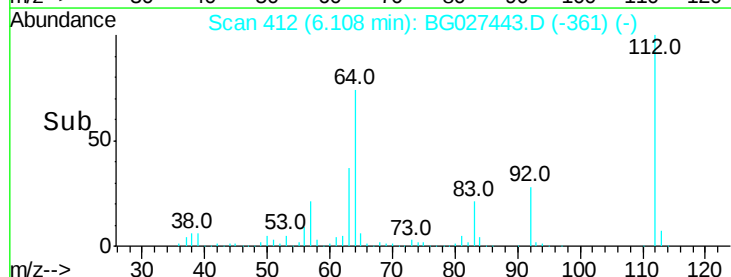
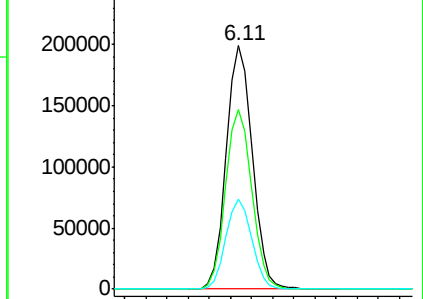
63 36.9 37.2 55.8#

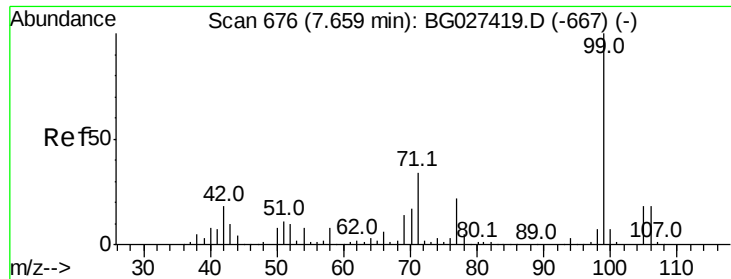


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.54 ng

RT: 7.66 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG027443.D

Acq: 15 Jun 2017 9:00

Instrument :

BNA_G

ClientSampleId :

RO-351

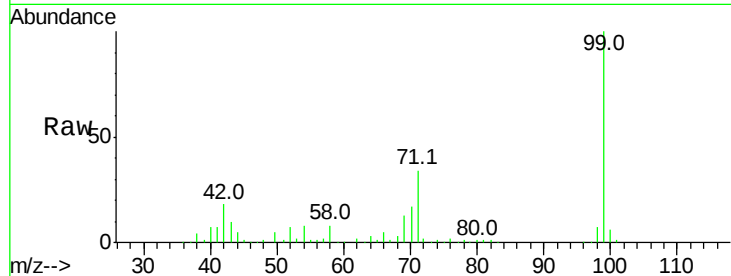
Tot Ion: 99 Resp: 452587

Ion Ratio Lower Upper

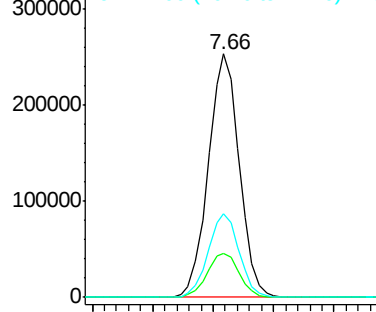
99 100

42 18.2 20.5 30.7#

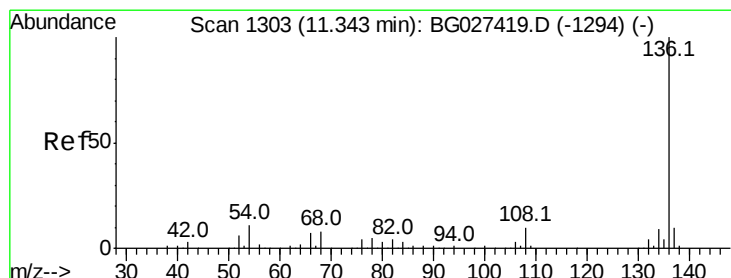
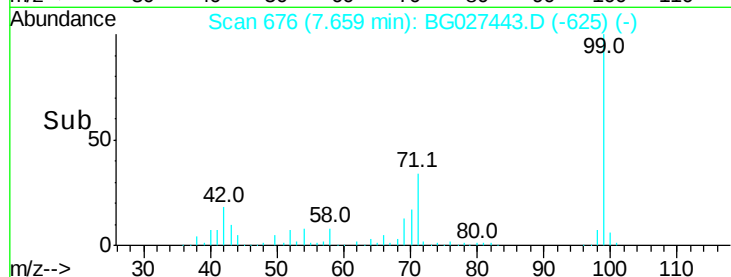
71 34.4 37.6 56.4#



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



Time--> 7.55 7.60 7.65 7.70 7.75



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.34 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BG027443.D

Acq: 15 Jun 2017 9:00

Tgt Ion: 136 Resp: 168881

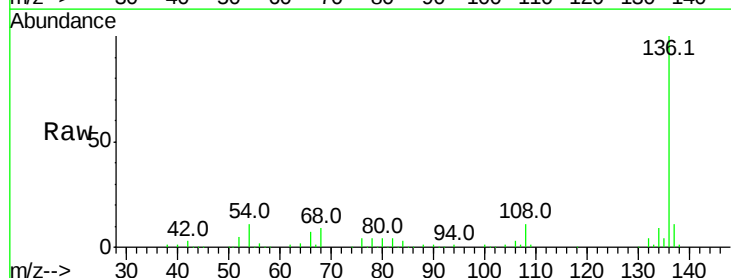
Ion Ratio Lower Upper

136 100

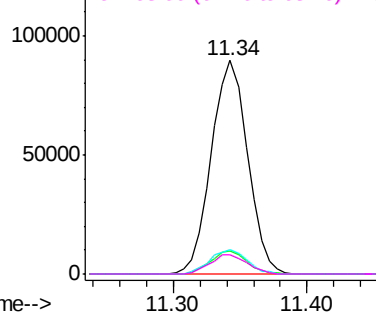
137 11.0 8.9 13.3

54 11.3 9.3 13.9

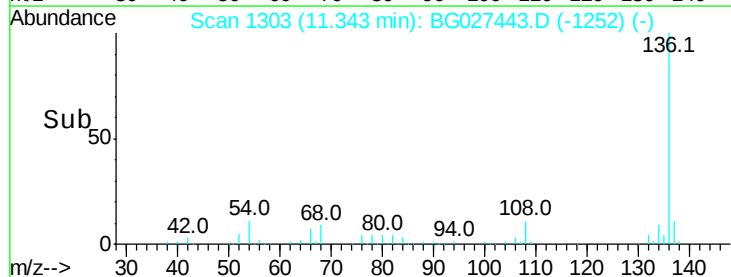
68 9.0 5.1 7.7#

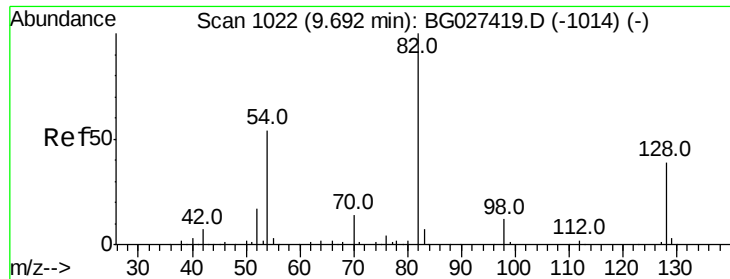


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time--> 11.30 11.40

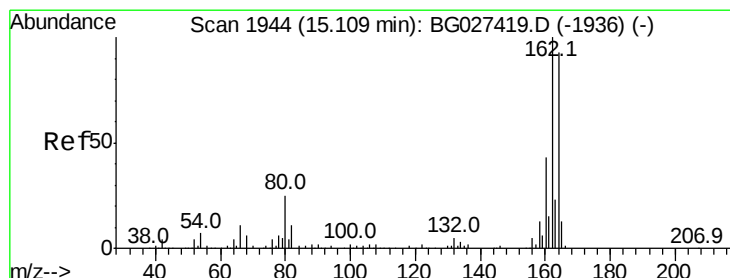
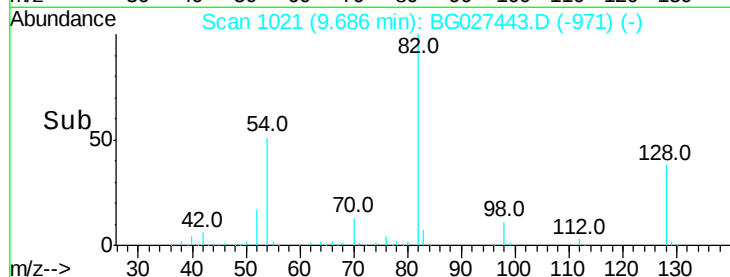
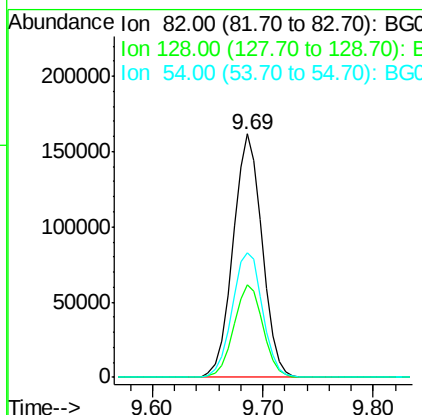
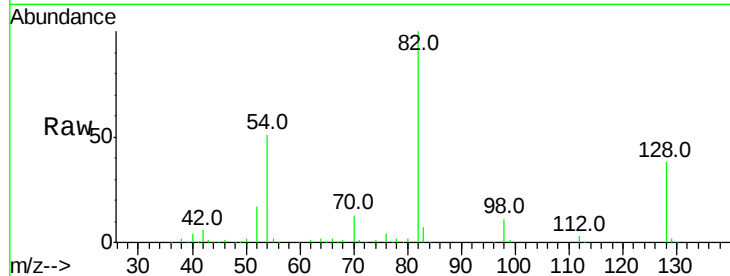




#23
 Nitrobenzene-d5
 Concen: 89.97 ng
 RT: 9.69 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG027443.D
 Acq: 15 Jun 2017 9:00

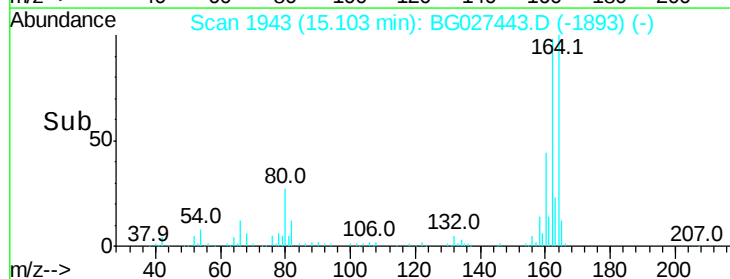
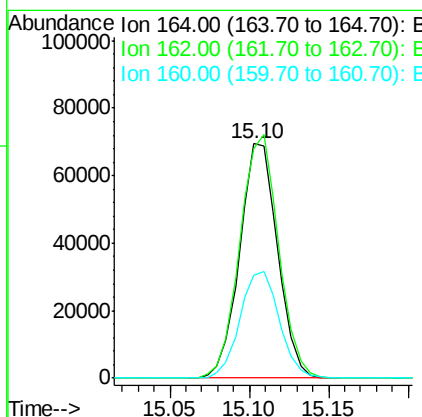
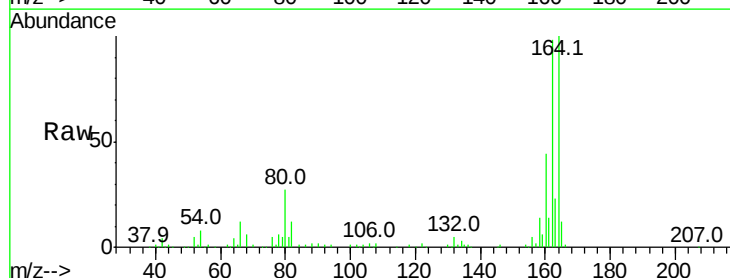
Instrument :
 BNA_G
 ClientSampled :
 RO-351

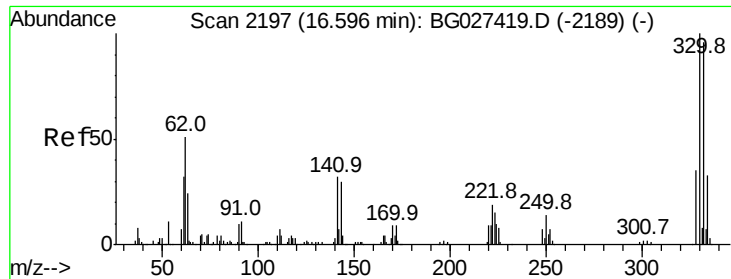
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.2	26.4	39.6
54	51.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG027443.D
 Acq: 15 Jun 2017 9:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	85.1	127.7
160	43.8	34.7	52.1

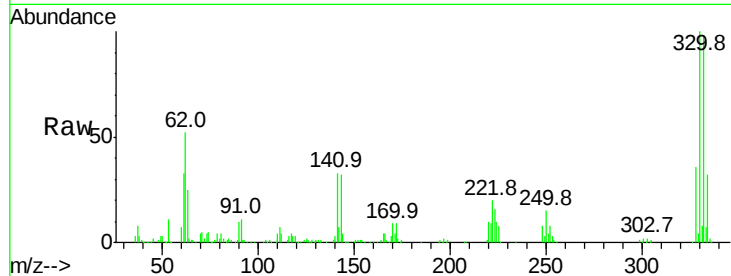




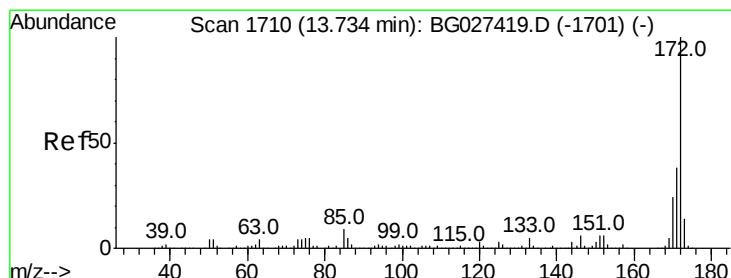
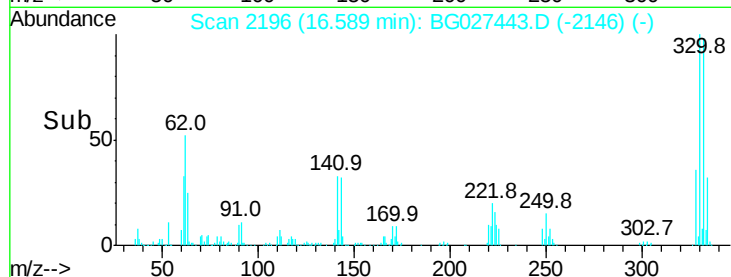
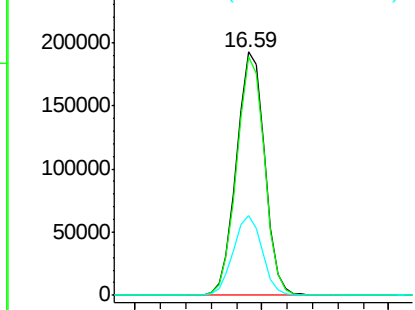
#41
 2,4,6-Tribromophenol
 Concen: 171.12 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG027443.D
 Acq: 15 Jun 2017 9:00

Instrument :
 BNA_G
 ClientSampled :
 RO-351

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	33.3	32.1	48.1

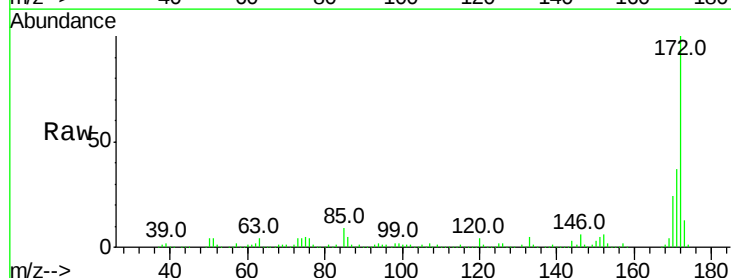


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

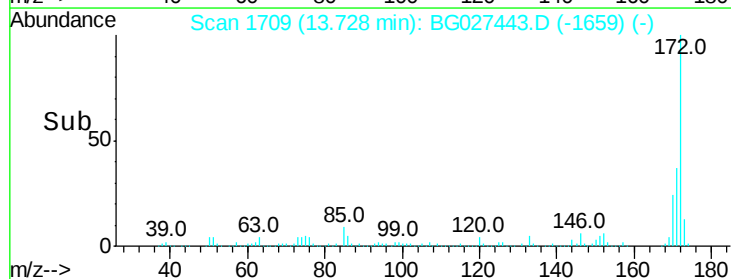
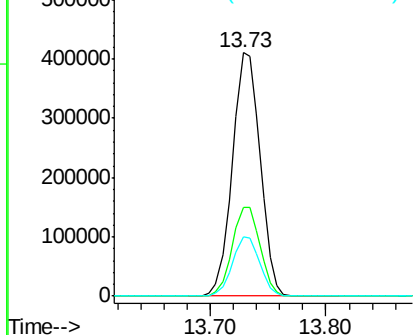


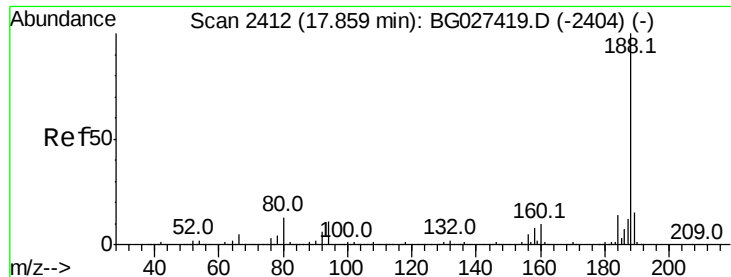
#44
 2-Fluorobiphenyl
 Concen: 85.54 ng
 RT: 13.73 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG027443.D
 Acq: 15 Jun 2017 9:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.2	48.2
170	24.1	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

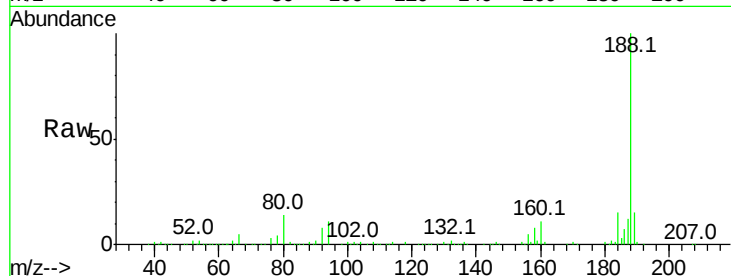




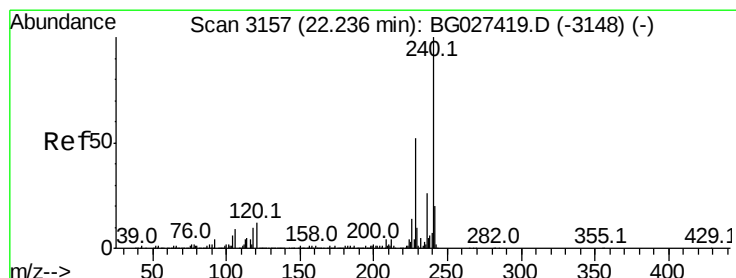
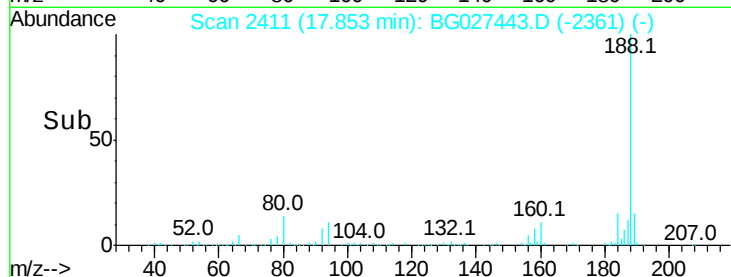
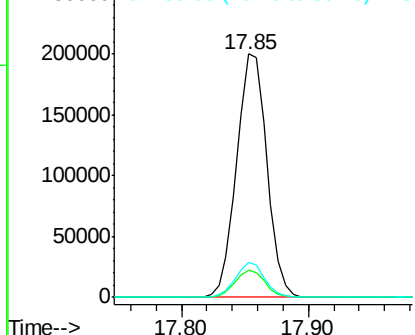
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG027443.D
Acq: 15 Jun 2017 9:00

Instrument :
BNA_G
ClientSampleId :
RO-351

Tot Ion:188 Resp: 329953
Ion Ratio Lower Upper
188 100
94 11.3 5.8 8.8#
80 14.3 7.5 11.3#

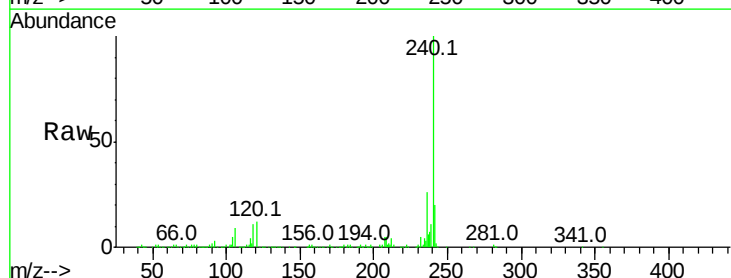


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

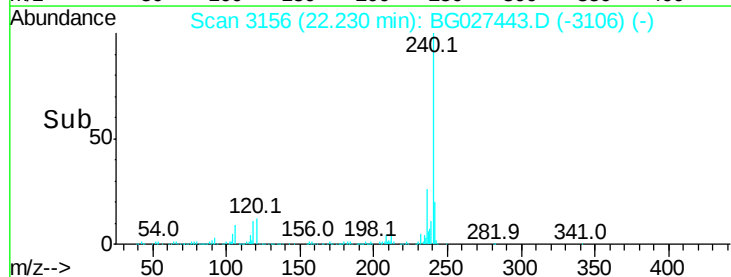
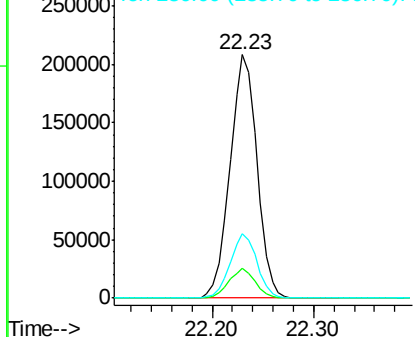


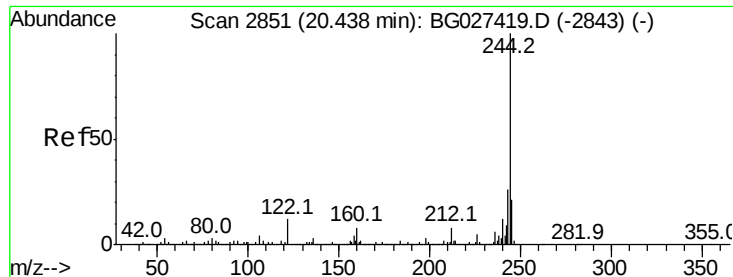
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG027443.D
Acq: 15 Jun 2017 9:00

Tgt Ion:240 Resp: 383739
Ion Ratio Lower Upper
240 100
120 12.0 5.7 8.5#
236 26.3 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: 102.77 ng

RT: 20.43 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG027443.D

Acq: 15 Jun 2017 9:00

Instrument :

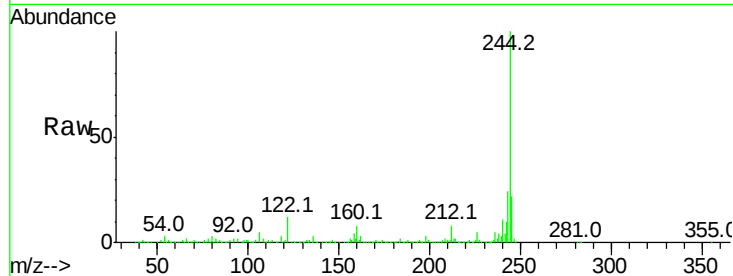
BNA_G

ClientSampleId :

RO-351

Tot Ion:244 Resp: 1538727

Ion	Ratio	Lower	Upper
244	100		
212	8.3	10.0	15.0#
122	12.3	8.6	12.8

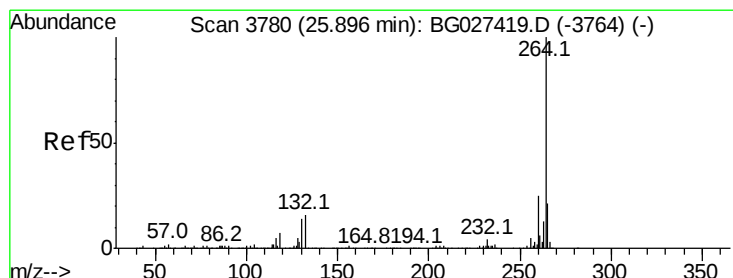
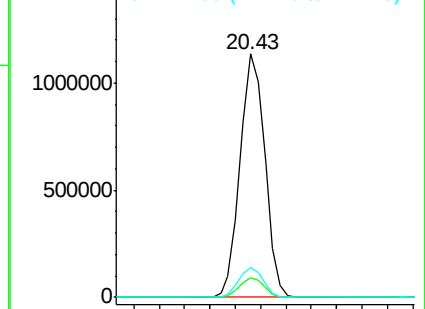
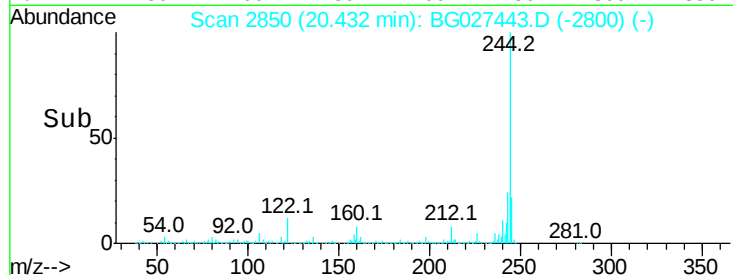


Abundance

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: 25.88 min Scan# 3777

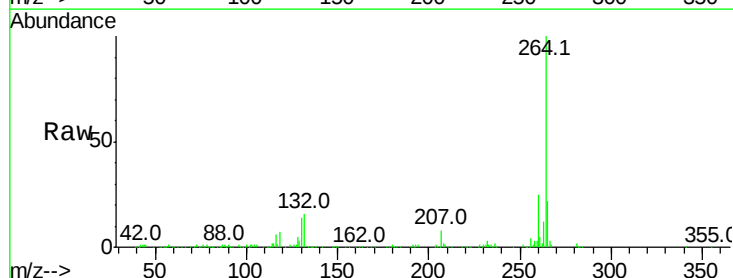
Delta R.T. -0.02 min

Lab File: BG027443.D

Acq: 15 Jun 2017 9:00

Tgt Ion:264 Resp: 368107

Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.8	32.8
265	21.8	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

