

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027442.D
 Acq On : 15 Jun 2017 8:21
 Operator : SJ/MA
 Sample : I3660-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-153

Quant Time: Jun 15 08:55:39 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	35793	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	161437	20.00	ng	0.00
38) Acenaphthene-d10	15.10	164	105633	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	320156	20.00	ng	0.00
75) Chrysene-d12	22.23	240	372496	20.00	ng	0.00
86) Perylene-d12	25.88	264	357972	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	344821	136.15	ng	0.00
7) Phenol-d6	7.66	99	451017	115.88	ng	0.00
23) Nitrobenzene-d5	9.69	82	299460	94.57	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	282700	178.32	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	673578	92.12	ng	0.00
78) Terphenyl-d14	20.43	244	1484129	102.12	ng	0.00

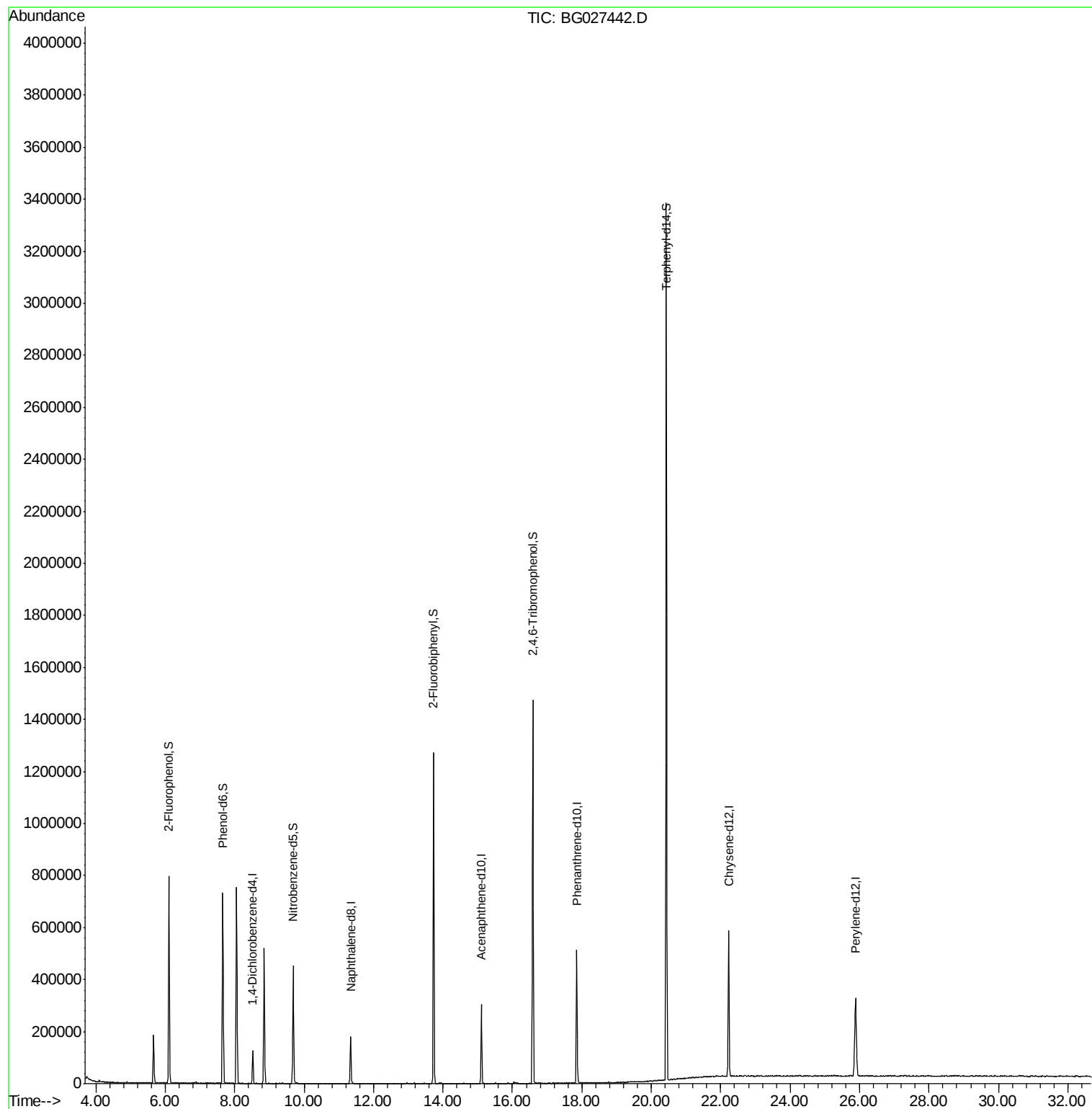
Target Compounds Qvalue

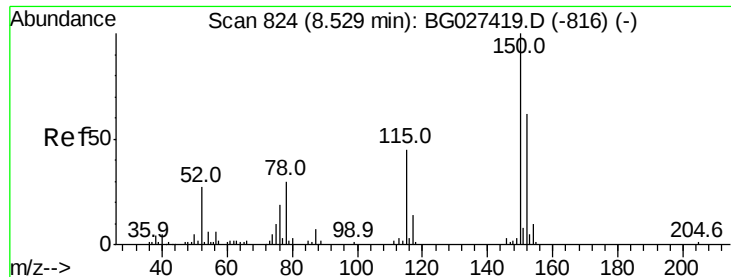
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027442.D

Acq: 15 Jun 2017 8:21

Instrument :

BNA_G

ClientSampleId :

RO-153

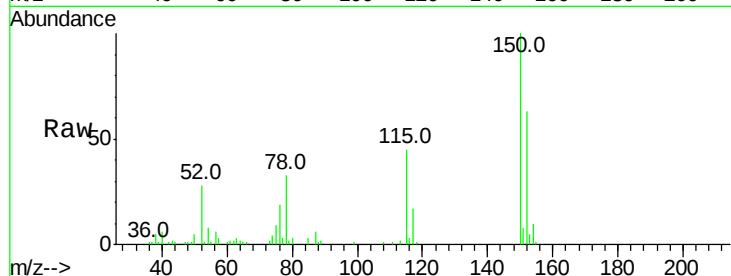
Tot Ion:152 Resp: 35793

Ion Ratio Lower Upper

152 100

150 159.8 114.0 171.0

115 71.8 48.1 72.1

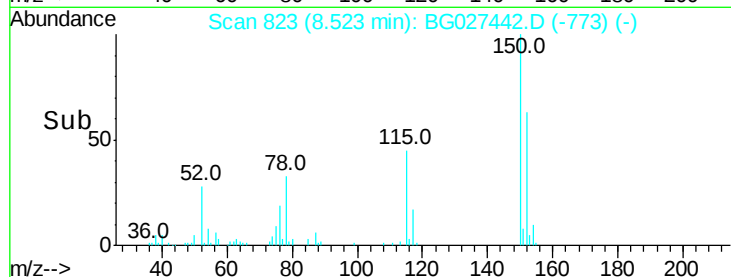


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



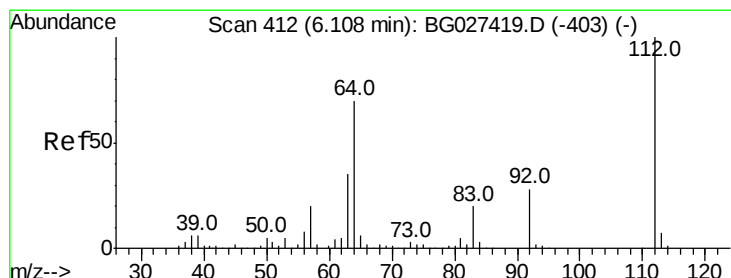
Abundance

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

Time-->



#5

2-Fluorophenol

Concen: 136.15 ng

RT: 6.11 min Scan# 412

Delta R.T. 0.00 min

Lab File: BG027442.D

Acq: 15 Jun 2017 8:21

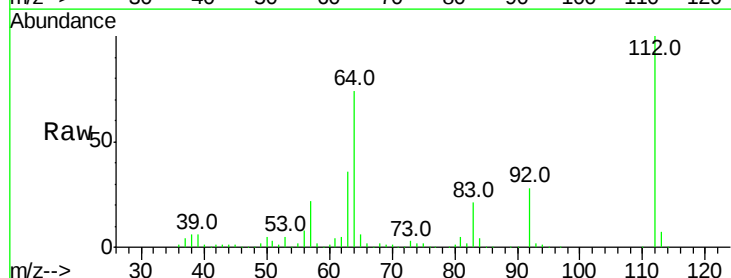
Tgt Ion:112 Resp: 344821

Ion Ratio Lower Upper

112 100

64 73.8 61.8 92.6

63 35.9 37.2 55.8#

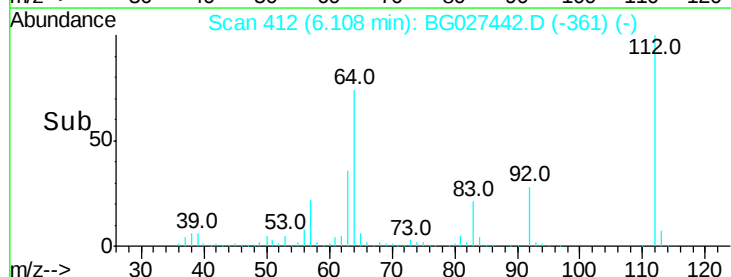


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Time-->



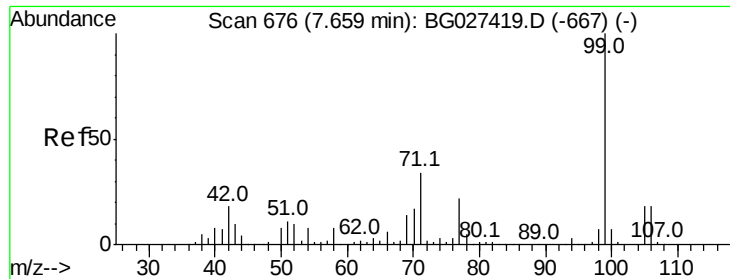
Abundance

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

Time-->



#7

Phenol-d6

Concen: 115.88 ng

RT: 7.66 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG027442.D

Acq: 15 Jun 2017 8:21

Instrument :

BNA_G

ClientSampleId :

RO-153

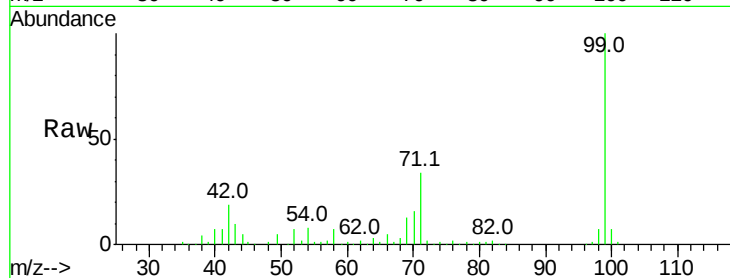
Tot Ion: 99 Resp: 451017

Ion Ratio Lower Upper

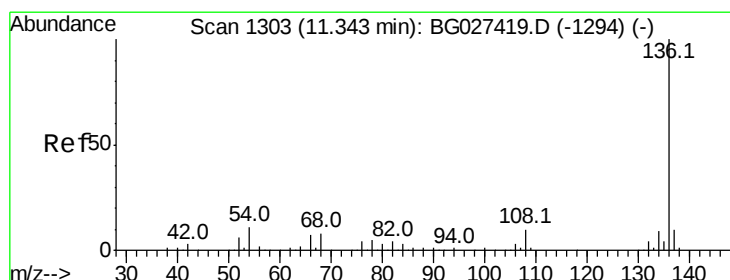
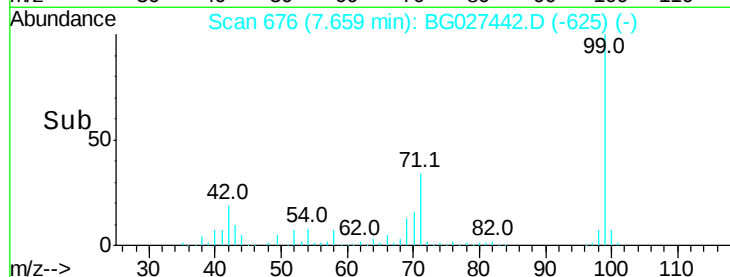
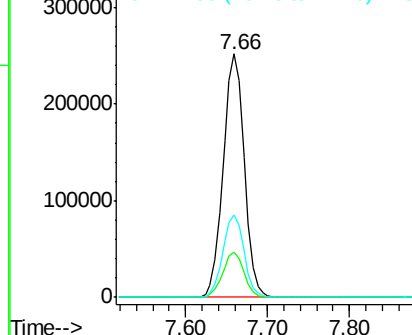
99 100

42 18.7 20.5 30.7#

71 33.6 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: 11.34 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG027442.D

Acq: 15 Jun 2017 8:21

Tgt Ion: 136 Resp: 161437

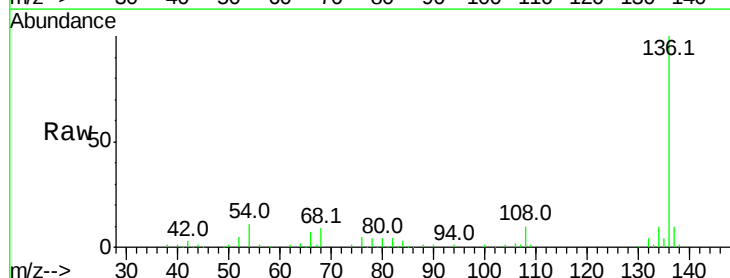
Ion Ratio Lower Upper

136 100

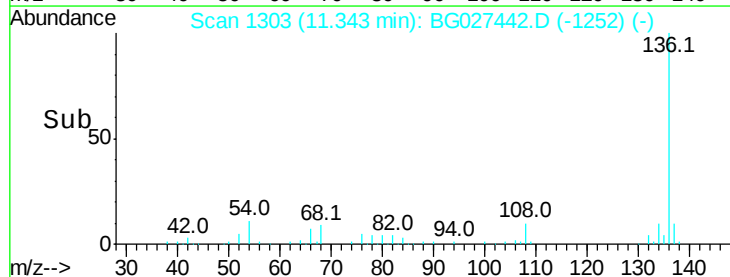
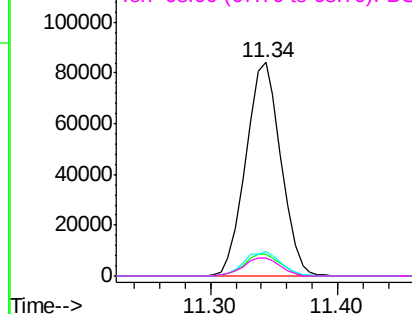
137 10.3 8.9 13.3

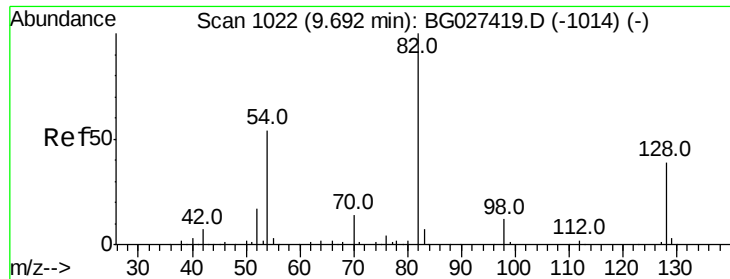
54 11.2 9.3 13.9

68 8.6 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

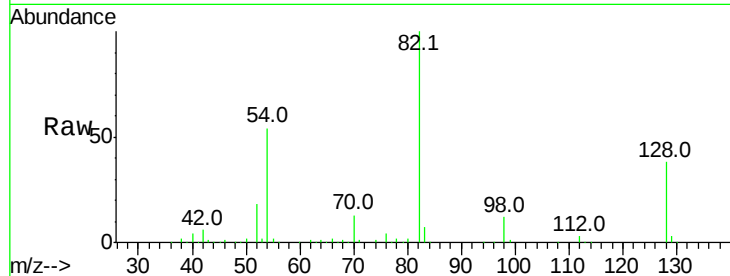




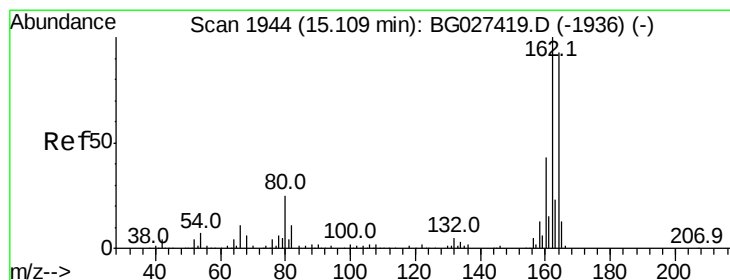
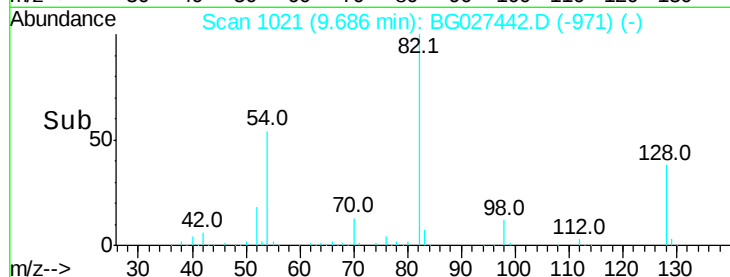
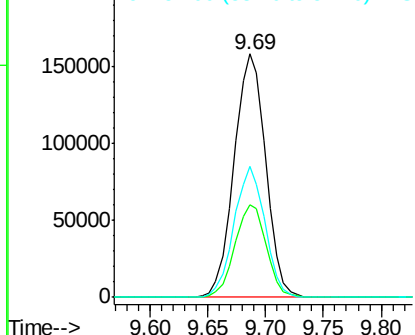
#23
Nitrobenzene-d5
Concen: 94.57 ng
RT: 9.69 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG027442.D
Acq: 15 Jun 2017 8:21

Instrument :
BNA_G
ClientSampleId :
RO-153

Tot Ion	82	Resp	299460
Ion	Ratio	Lower	Upper
82	100		
128	37.8	26.4	39.6
54	53.7	49.4	74.2

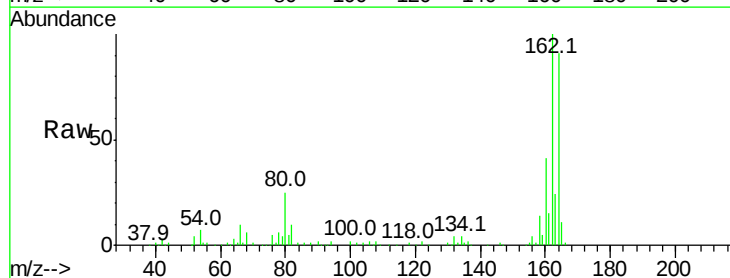


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

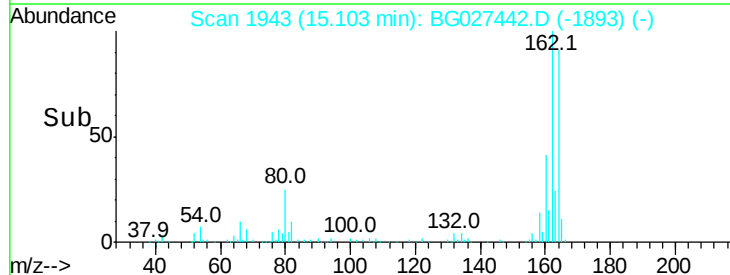
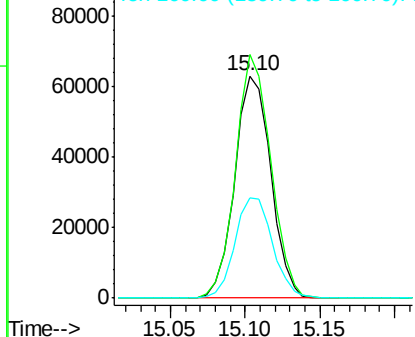


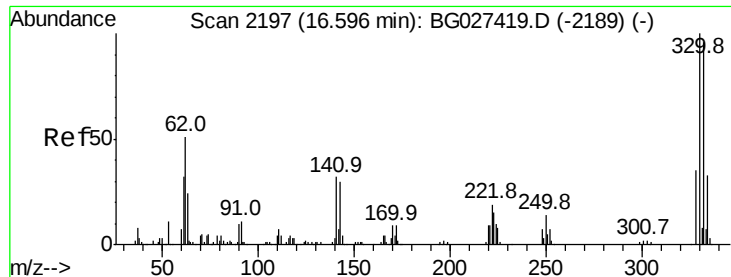
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.10 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG027442.D
Acq: 15 Jun 2017 8:21

Tgt Ion	164	Resp	105633
Ion	Ratio	Lower	Upper
164	100		
162	109.8	85.1	127.7
160	45.0	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 178.32 ng

RT: 16.59 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG027442.D

Acq: 15 Jun 2017 8:21

Instrument :

BNA_G

ClientSampleId :

RO-153

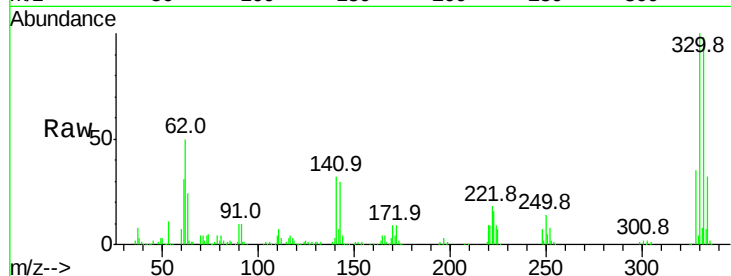
Tot Ion:330 Resp: 282700

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

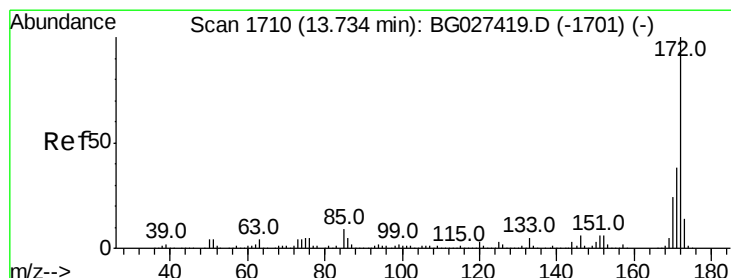
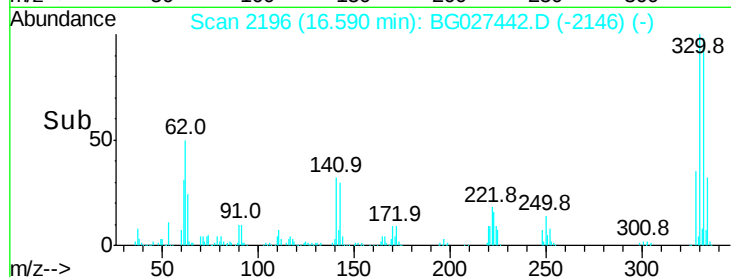
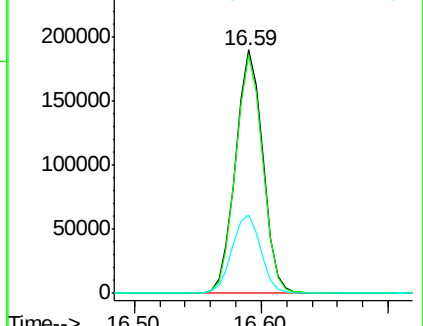
141 33.5 32.1 48.1



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: 92.12 ng

RT: 13.73 min Scan# 1709

Delta R.T. -0.01 min

Lab File: BG027442.D

Acq: 15 Jun 2017 8:21

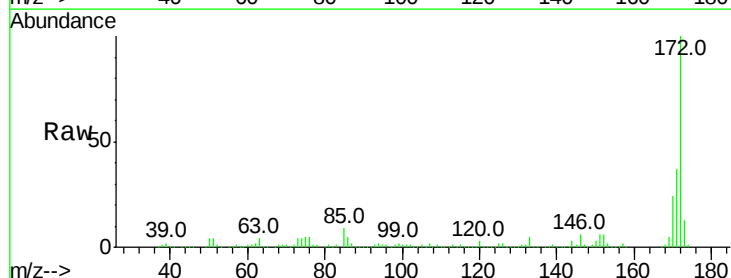
Tgt Ion:172 Resp: 673578

Ion Ratio Lower Upper

172 100

171 36.9 32.2 48.2

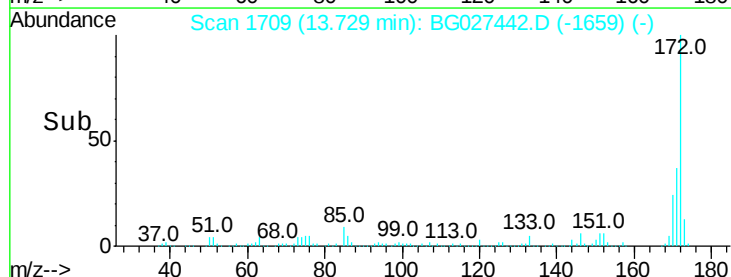
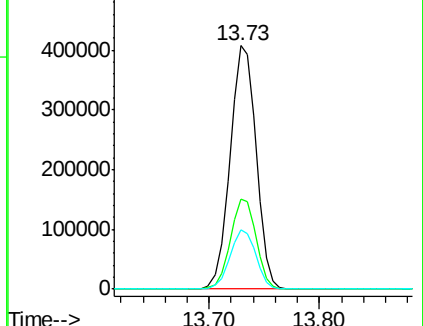
170 24.2 21.8 32.6

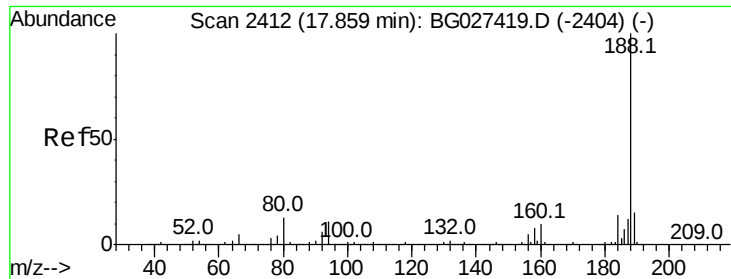


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.85 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG027442.D

Acq: 15 Jun 2017 8:21

Instrument :

BNA_G

ClientSampled :

RO-153

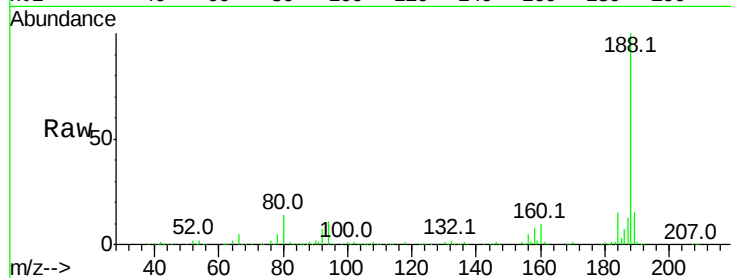
Tot Ion:188 Resp: 320156

Ion Ratio Lower Upper

188 100

94 11.5 5.8 8.8#

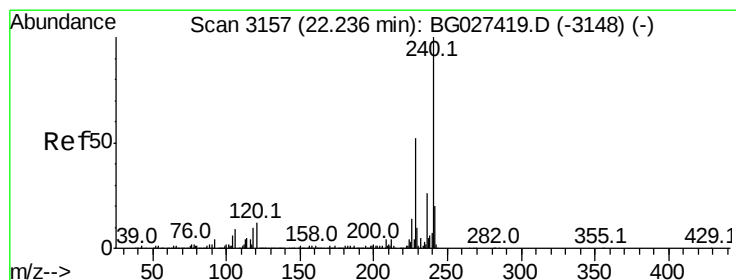
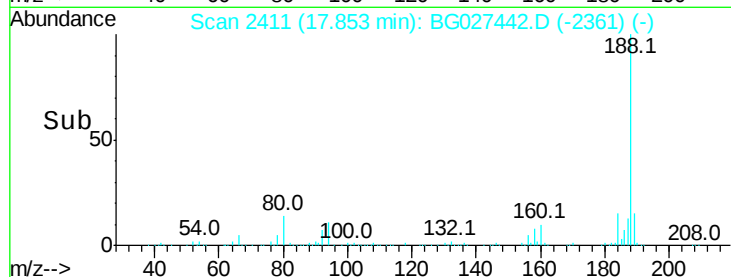
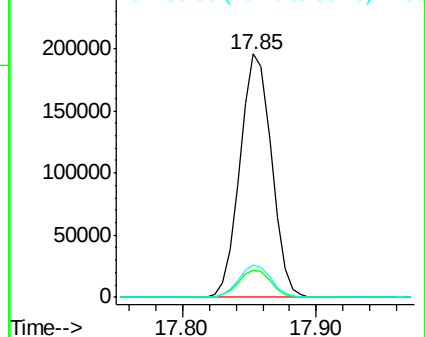
80 13.6 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG027442.D

Acq: 15 Jun 2017 8:21

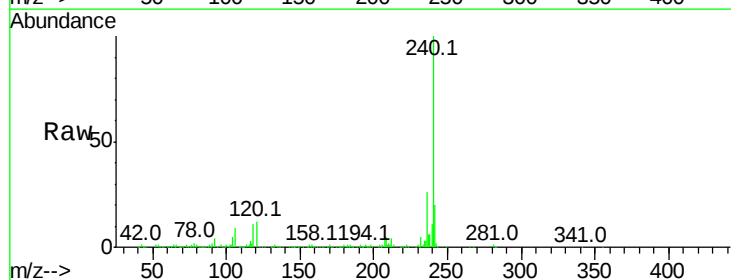
Tgt Ion:240 Resp: 372496

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

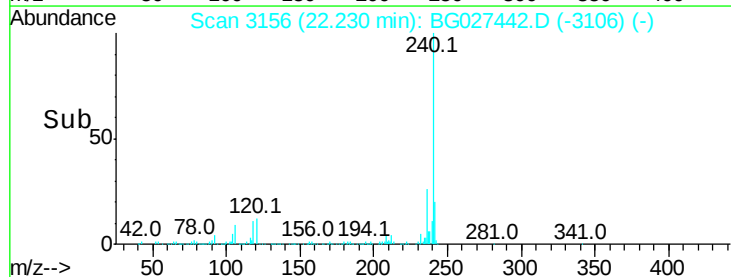
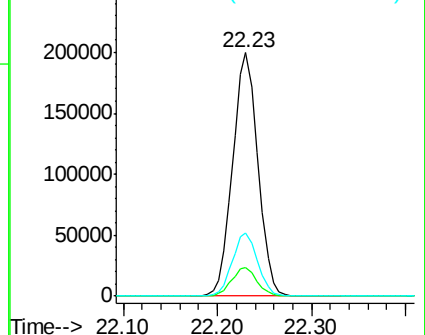
236 26.1 22.2 33.4

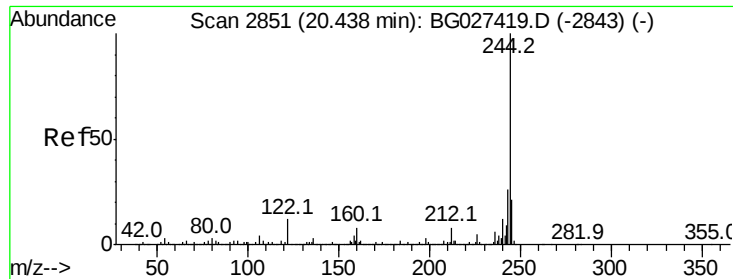


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.12 ng

RT: 20.43 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG027442.D

Acq: 15 Jun 2017 8:21

Instrument :

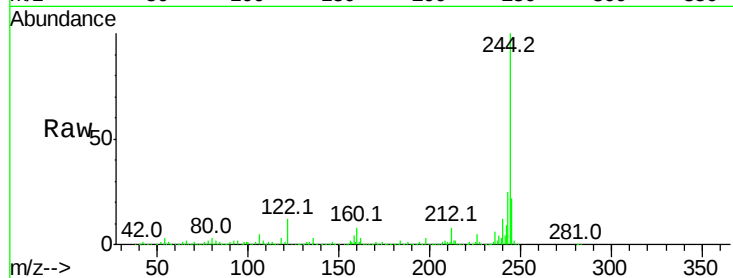
BNA_G

ClientSampleId :

RO-153

Tot Ion:244 Resp: 1484129

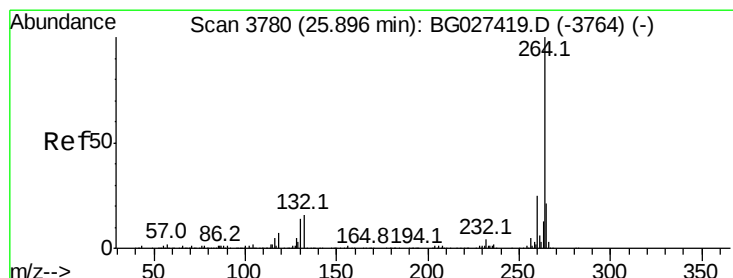
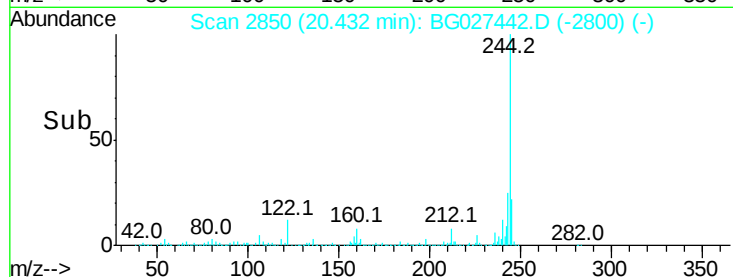
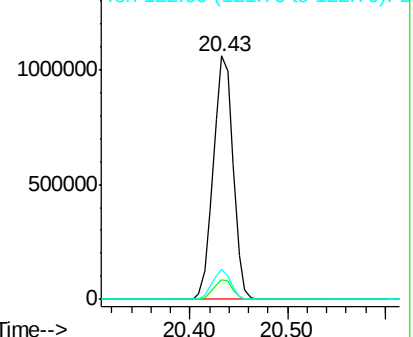
Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	12.4	8.6	12.8



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

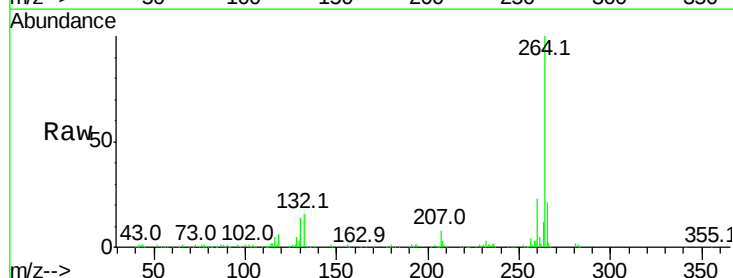
Delta R.T. -0.02 min

Lab File: BG027442.D

Acq: 15 Jun 2017 8:21

Tgt Ion:264 Resp: 357972

Ion	Ratio	Lower	Upper
264	100		
260	22.7	21.8	32.8
265	21.3	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

