

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061217\
 Data File : BG027383.D
 Acq On : 12 Jun 2017 20:09
 Operator : SJ/MA
 Sample : I3615-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HA4-WCB

Quant Time: Jun 13 04:20:54 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	41847	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	187463	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	120587	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	337340	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	391385	20.00	ng	-0.06
86) Perylene-d12	25.92	264	368833	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	365561	133.30	ng	-0.02
7) Phenol-d6	7.68	99	495737	123.15	ng	-0.02
23) Nitrobenzene-d5	9.71	82	303282	101.74	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	283373	178.46	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	730299	84.72	ng	-0.04
78) Terphenyl-d14	20.45	244	1640647	106.94	ng	-0.05

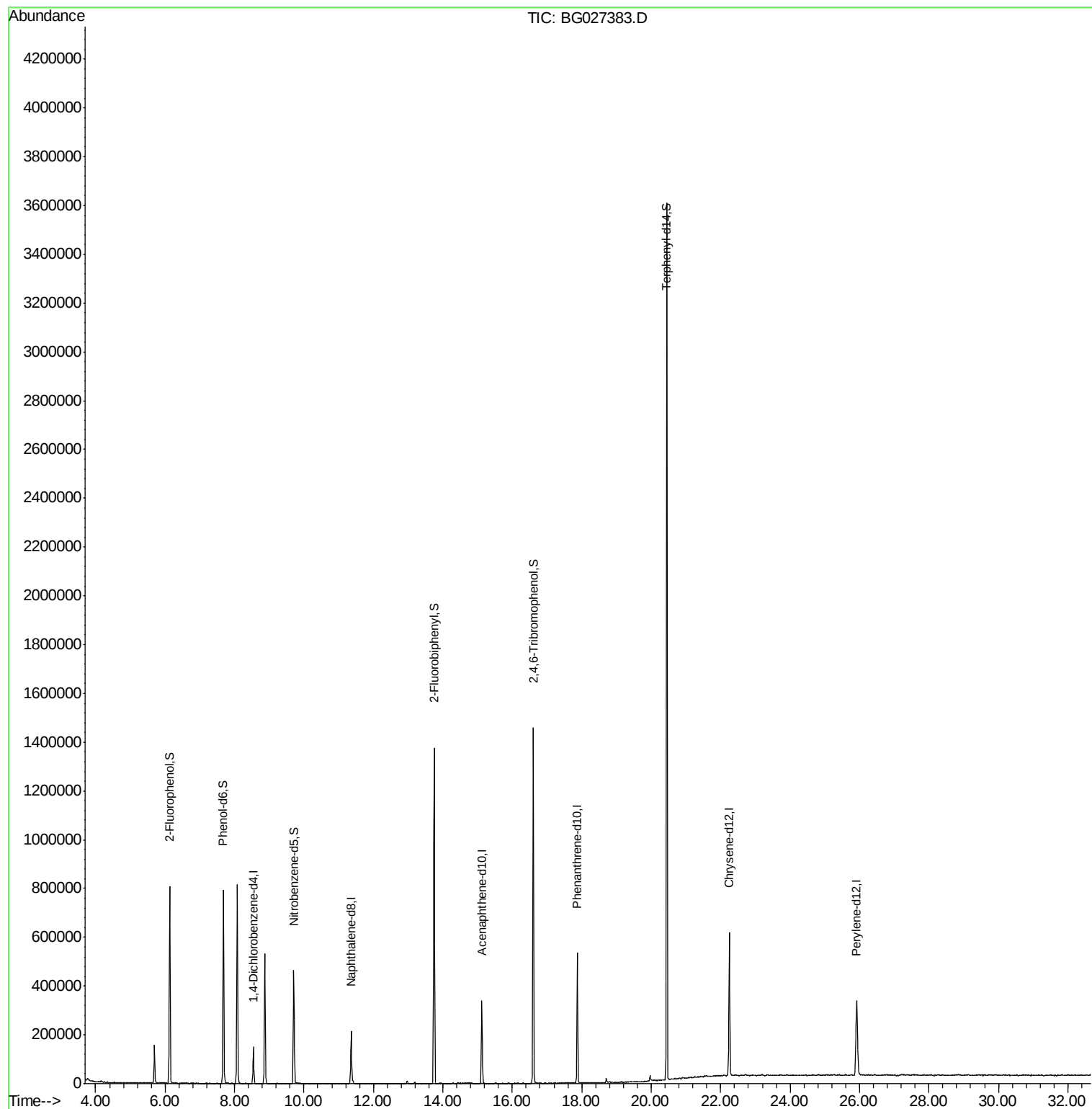
Target Compounds	Qvalue
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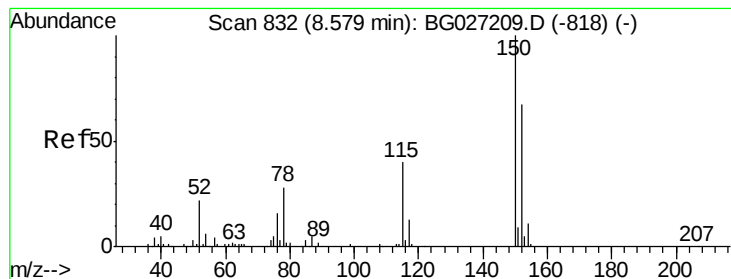
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.54 min Scan# 826

Delta R.T. -0.04 min

Lab File: BG027383.D

Acq: 12 Jun 2017 20:09

Instrument :

BNA_G

ClientSampleId :

HA4-WCB

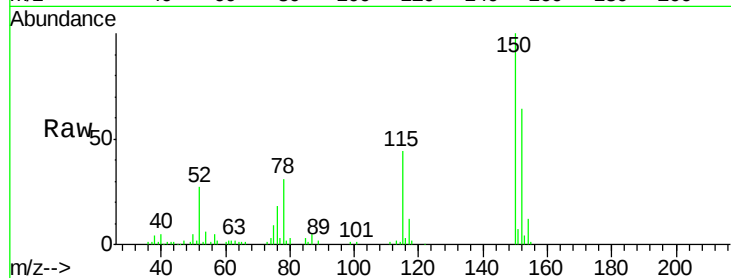
Tgt Ion:152 Resp: 41847

Ion Ratio Lower Upper

152 100

150 157.2 114.0 171.0

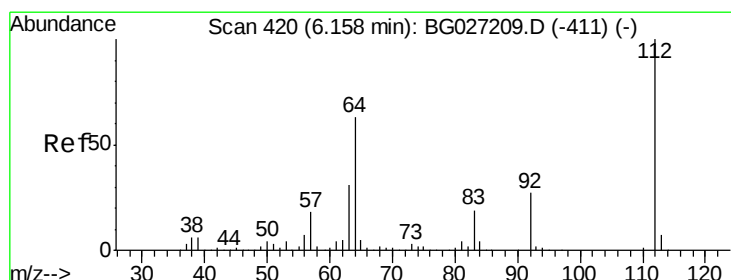
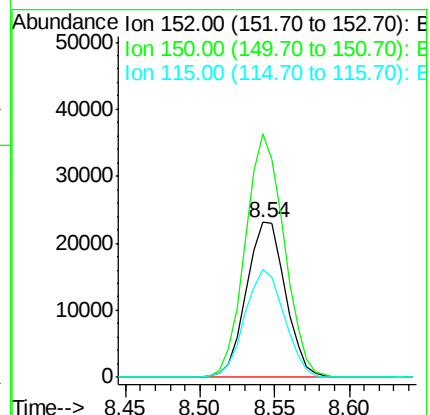
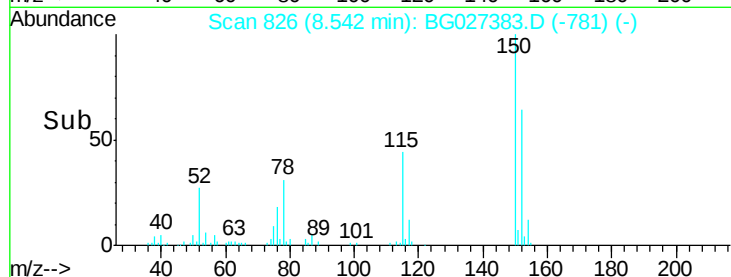
115 69.4 48.1 72.1



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: 133.303 ng

RT: 6.13 min Scan# 416

Delta R.T. -0.02 min

Lab File: BG027383.D

Acq: 12 Jun 2017 20:09

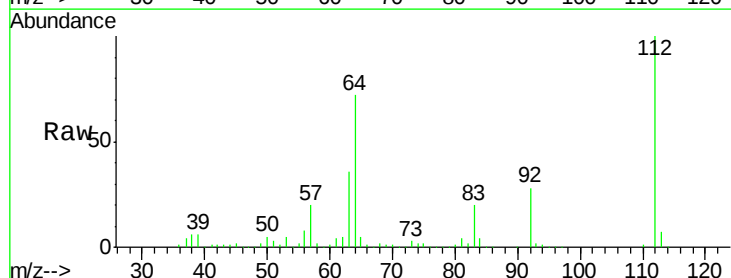
Tgt Ion:112 Resp: 365561

Ion Ratio Lower Upper

112 100

64 71.8 61.8 92.6

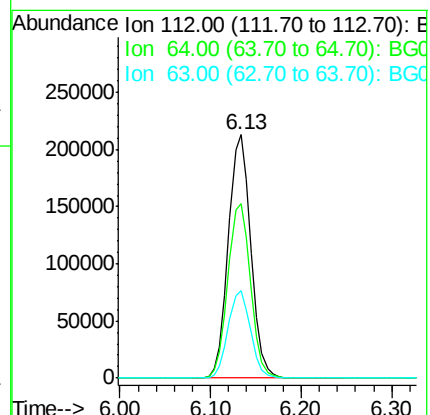
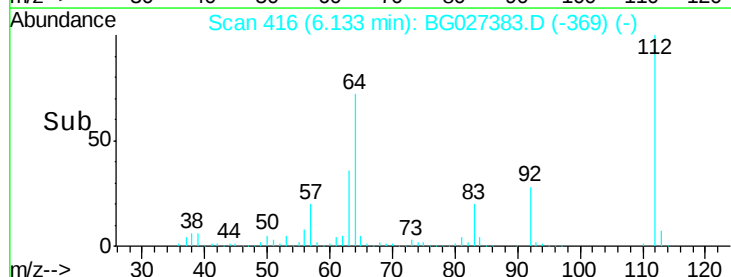
63 35.8 37.2 55.8#

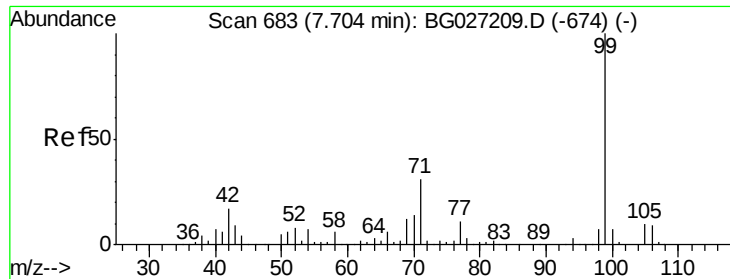


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.151 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG027383.D

Acq: 12 Jun 2017 20:09

Instrument :

BNA_G

ClientSampleId :

HA4-WCB

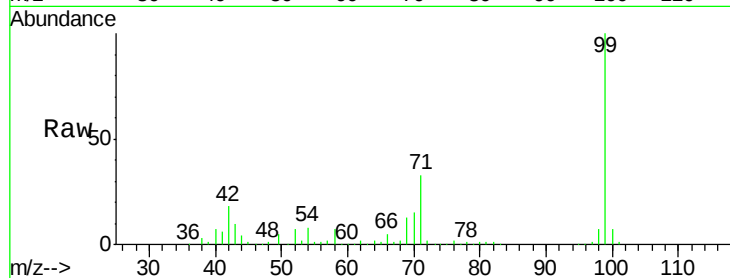
Tgt Ion: 99 Resp: 495737

Ion Ratio Lower Upper

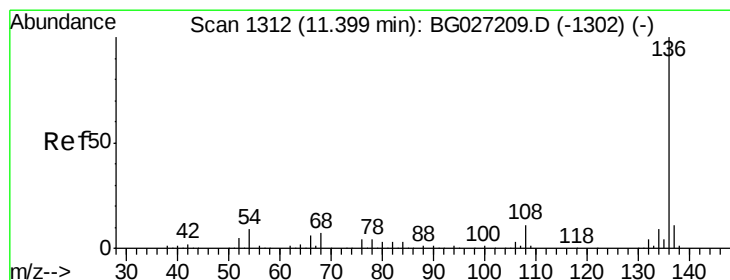
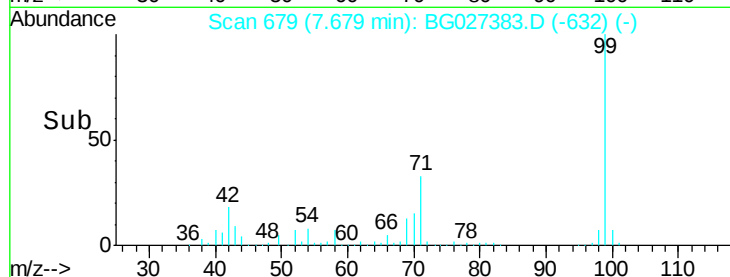
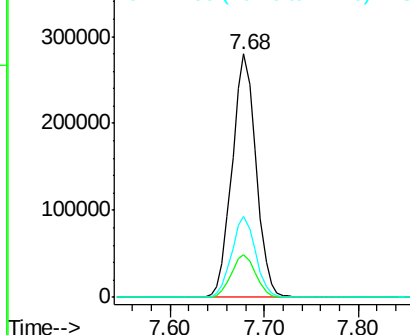
99 100

42 17.6 20.5 30.7#

71 33.3 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: 20.000 ng

RT: 11.36 min Scan# 1305

Delta R.T. -0.04 min

Lab File: BG027383.D

Acq: 12 Jun 2017 20:09

Tgt Ion: 136 Resp: 187463

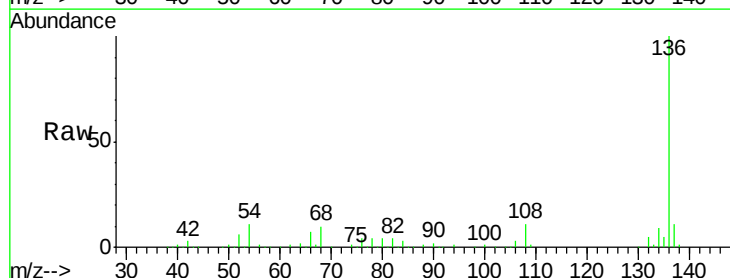
Ion Ratio Lower Upper

136 100

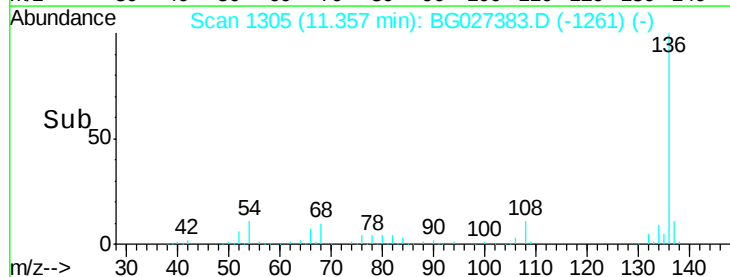
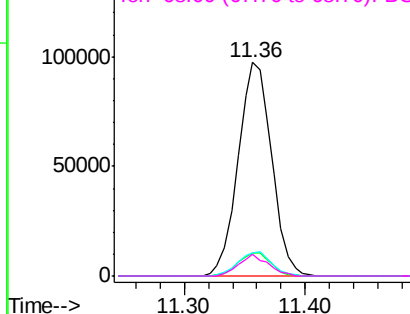
137 10.9 8.9 13.3

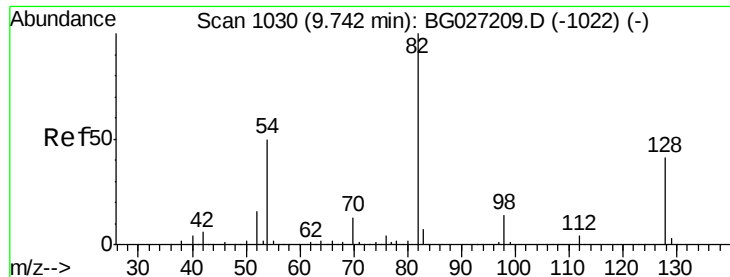
54 11.1 9.3 13.9

68 10.1 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

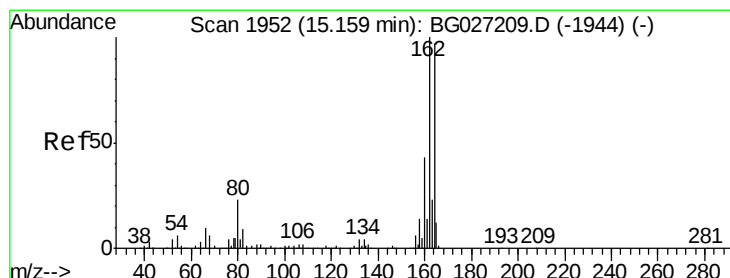
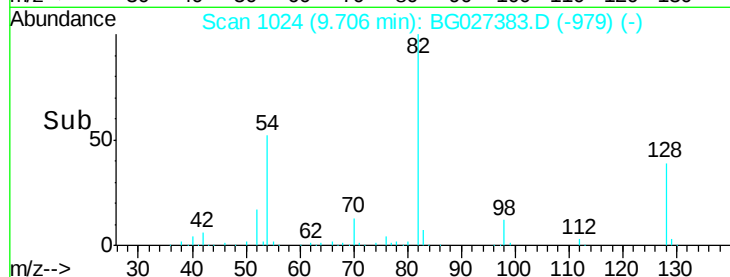
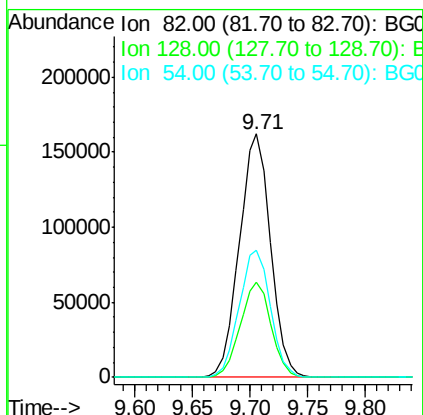
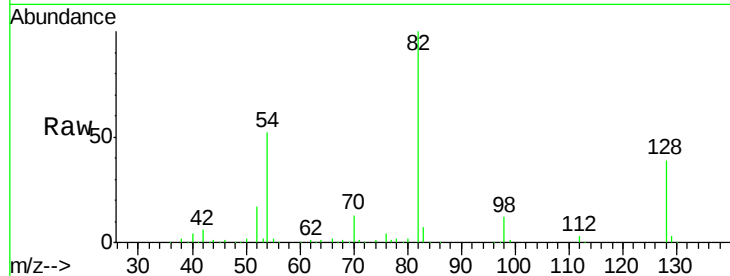




#23
 Nitrobenzene-d5
 Concen: 101.744 ng
 RT: 9.71 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027383.D
 Acq: 12 Jun 2017 20:09

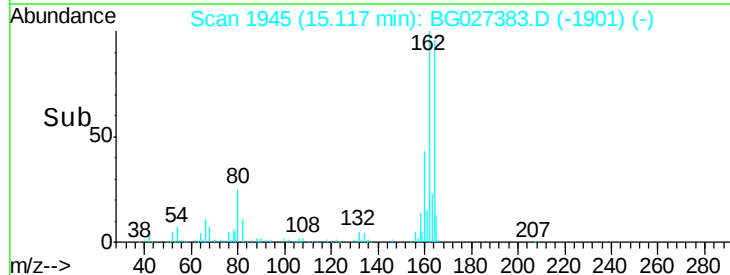
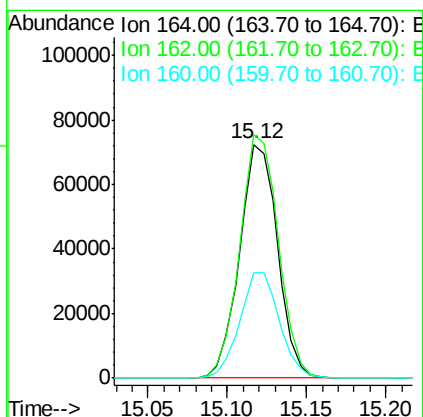
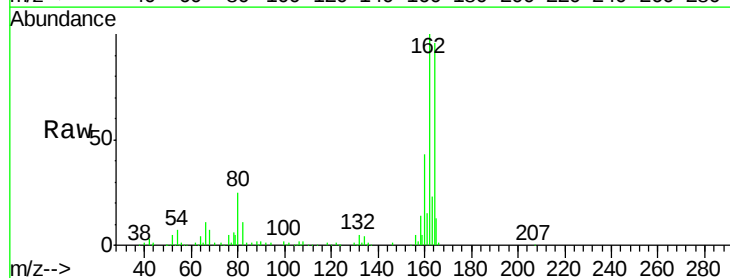
Instrument :
 BNA_G
 ClientSampleId :
 HA4-WCB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	26.4	39.6
54	52.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.12 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: BG027383.D
 Acq: 12 Jun 2017 20:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.1	127.7
160	45.1	34.7	52.1

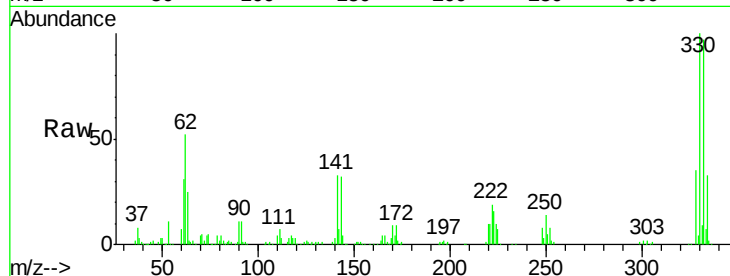




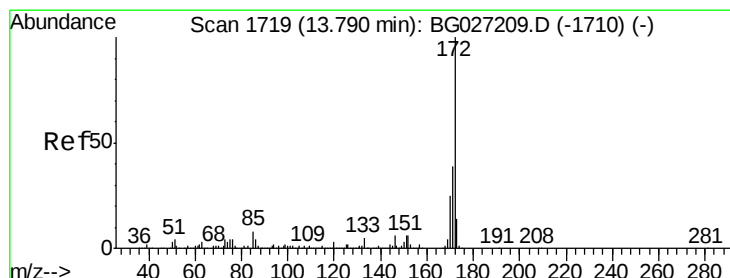
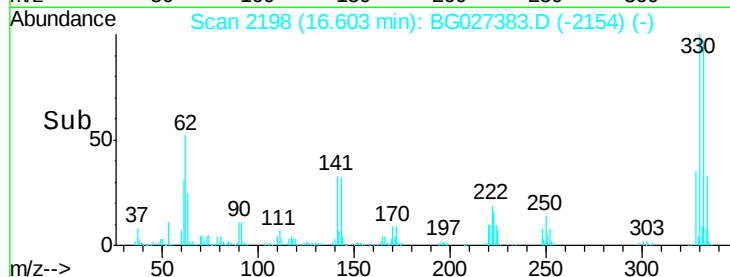
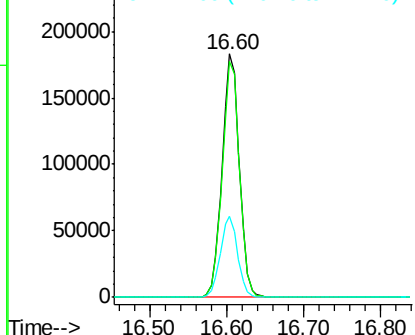
#41
 2,4,6-Tribromophenol
 Concen: 178.456 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027383.D
 Acq: 12 Jun 2017 20:09

Instrument :
 BNA_G
 ClientSampleId :
 HA4-WCB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	33.2	32.1	48.1

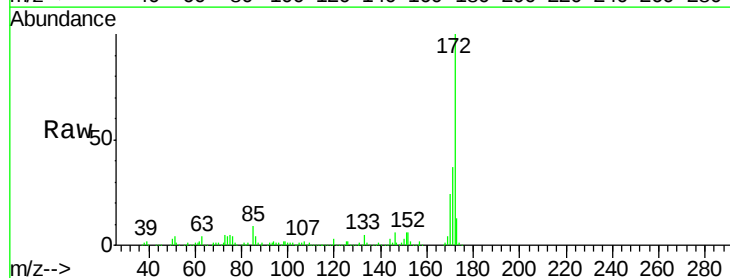


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

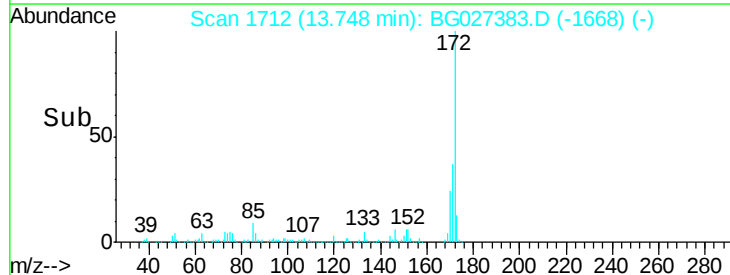
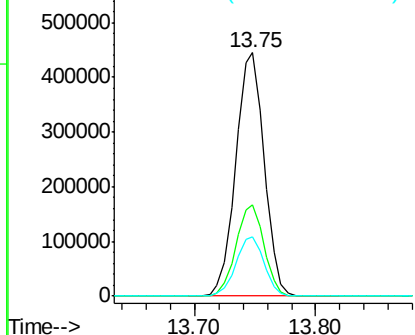


#44
 2-Fluorobiphenyl
 Concen: 84.725 ng
 RT: 13.75 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027383.D
 Acq: 12 Jun 2017 20:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	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

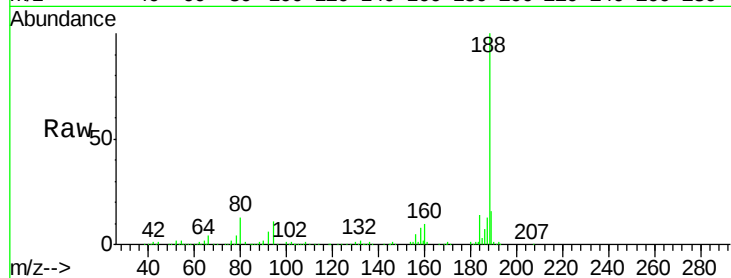




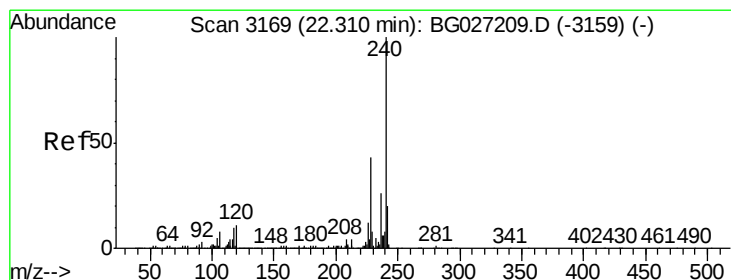
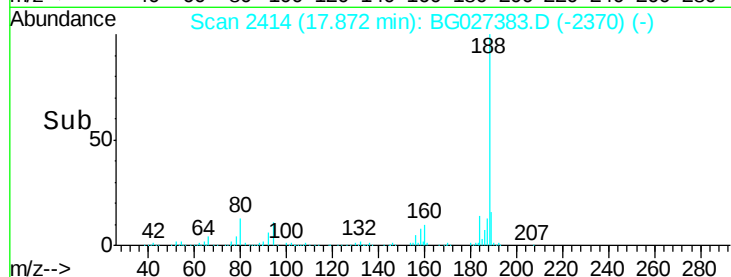
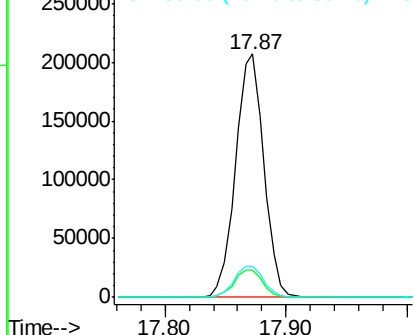
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.87 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG027383.D
Acq: 12 Jun 2017 20:09

Instrument :
BNA_G
ClientSampled :
HA4-WCB

Tgt Ion:188 Resp: 337340
Ion Ratio Lower Upper
188 100
94 11.1 5.8 8.8#
80 12.9 7.5 11.3#

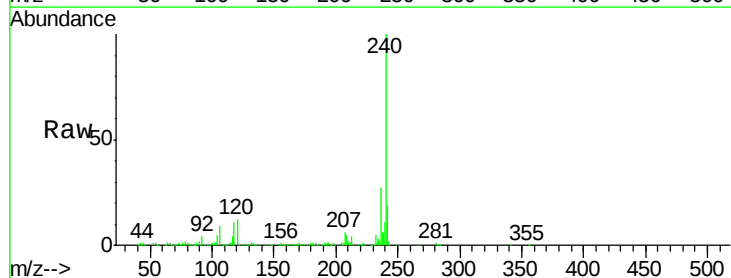


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

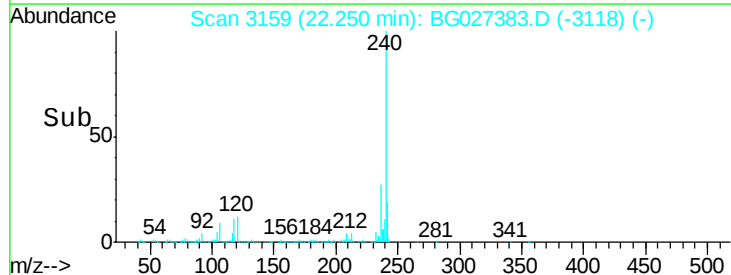
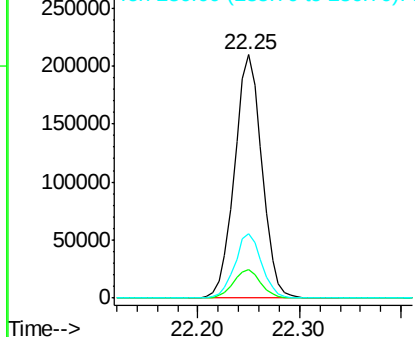


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.25 min Scan# 3159
Delta R.T. -0.06 min
Lab File: BG027383.D
Acq: 12 Jun 2017 20:09

Tgt Ion:240 Resp: 391385
Ion Ratio Lower Upper
240 100
120 11.5 5.7 8.5#
236 26.5 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: 106.936 ng

RT: 20.45 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027383.D

Acq: 12 Jun 2017 20:09

Instrument :

BNA_G

ClientSampleId :

HA4-WCB

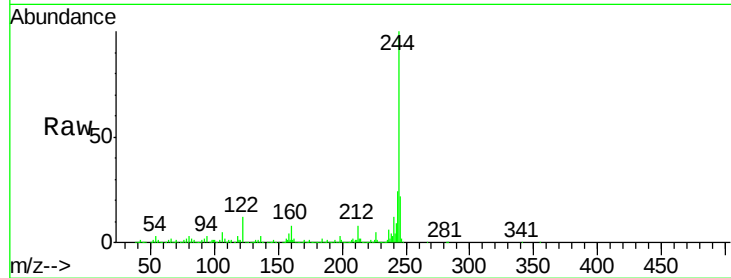
Tgt Ion:244 Resp: 1640647

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

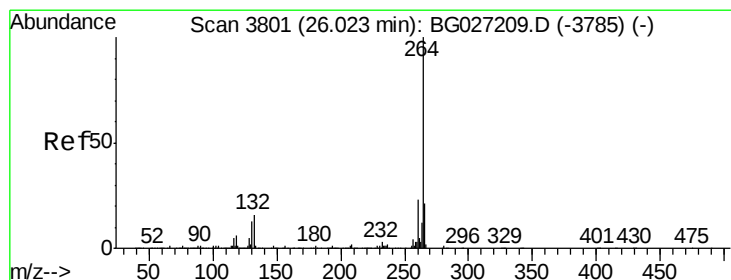
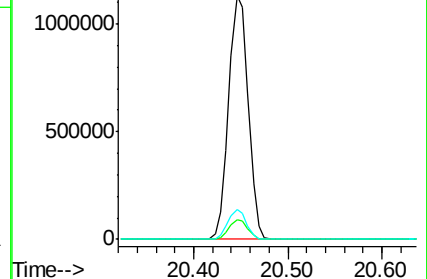
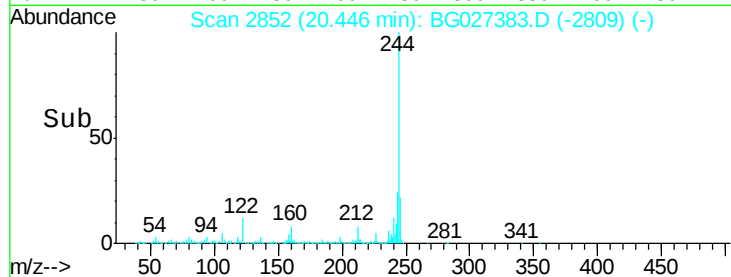
122 12.4 8.6 12.8



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: 20.000 ng

RT: 25.92 min Scan# 3784

Delta R.T. -0.10 min

Lab File: BG027383.D

Acq: 12 Jun 2017 20:09

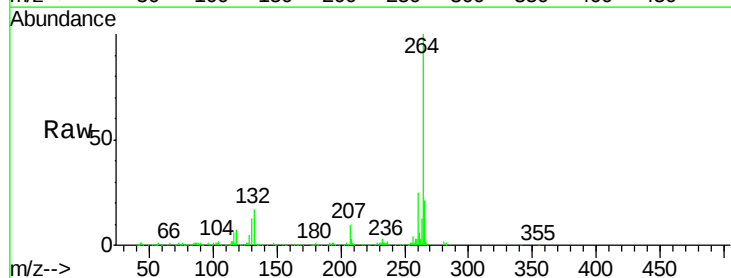
Tgt Ion:264 Resp: 368833

Ion Ratio Lower Upper

264 100

260 25.0 21.8 32.8

265 21.0 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

