

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027268.D
 Acq On : 7 Jun 2017 3:21
 Operator : SJ/MA
 Sample : I3469-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-2-20170603

Quant Time: Jun 07 07:03:20 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	8.56	152	53078	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	252859	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	164032	20.00	ng	-0.02
63) Phenanthrene-d10	17.90	188	376378	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	423439	20.00	ng	-0.03
86) Perylene-d12	25.98	264	394530	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	237827	68.37	ng	-0.01
7) Phenol-d6	7.69	99	209840	41.10	ng	-0.01
23) Nitrobenzene-d5	9.72	82	436285	108.51	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	346866	160.59	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	1120816	95.59	ng	-0.02
78) Terphenyl-d14	20.48	244	1596147	96.16	ng	-0.02

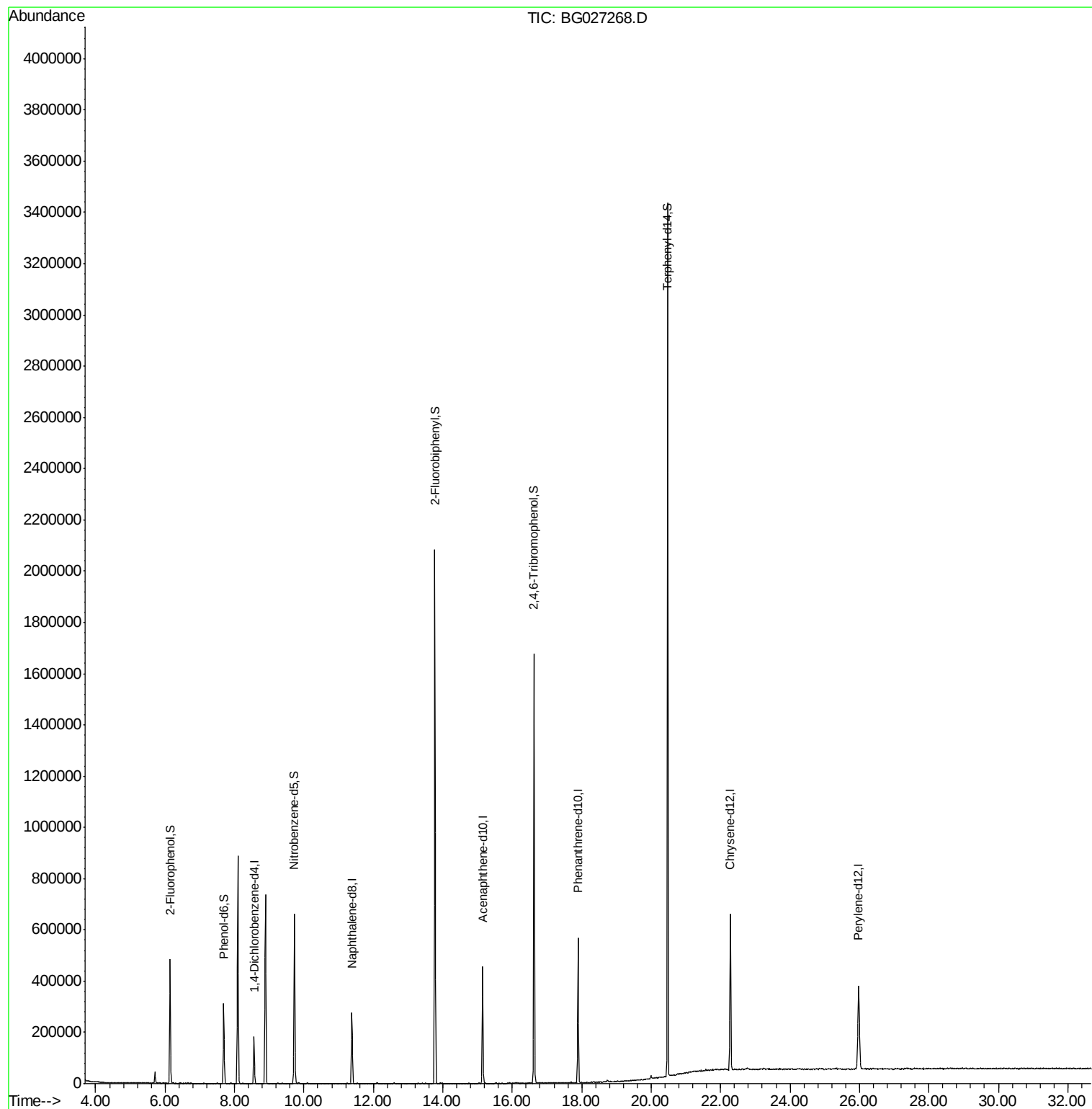
Target Compounds	Qvalue
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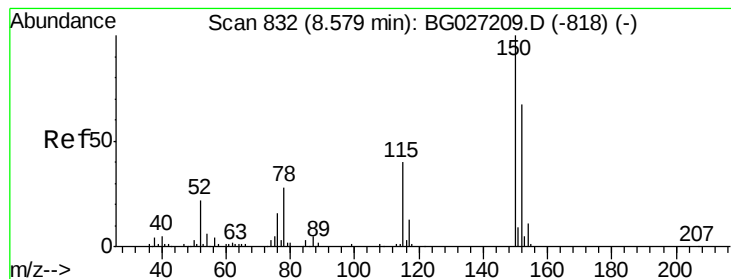
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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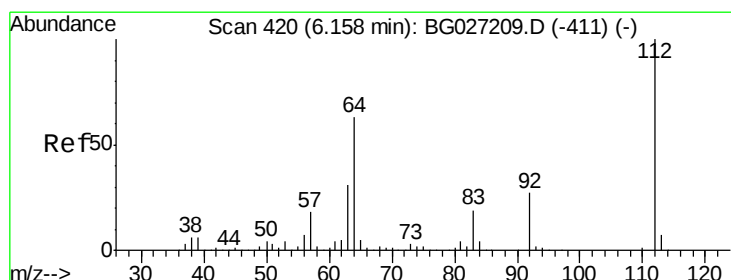
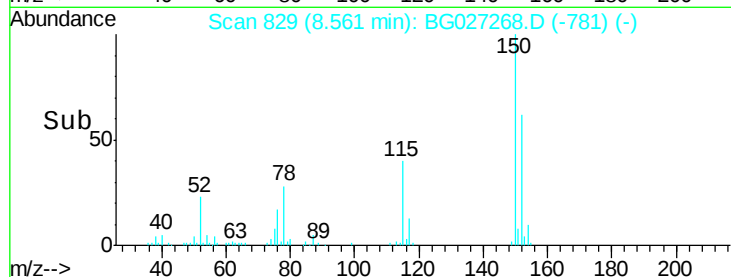
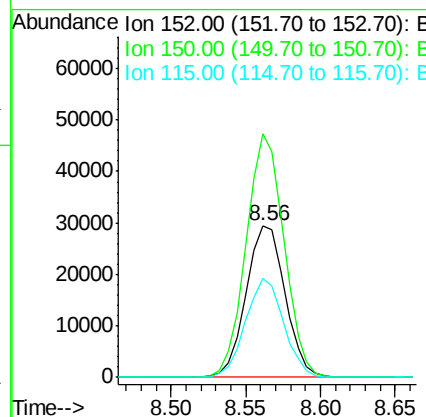
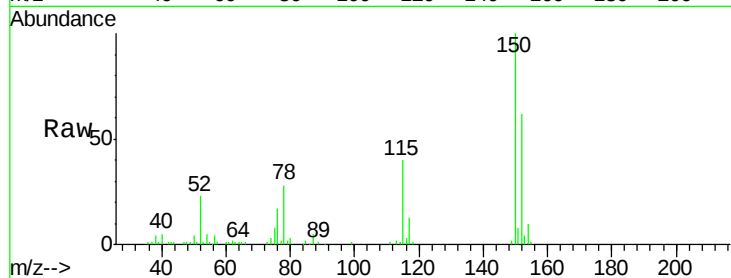


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027268.D
Acq: 7 Jun 2017 3:21

Instrument :
BNA_G
ClientSampleId :
TW-2-20170603

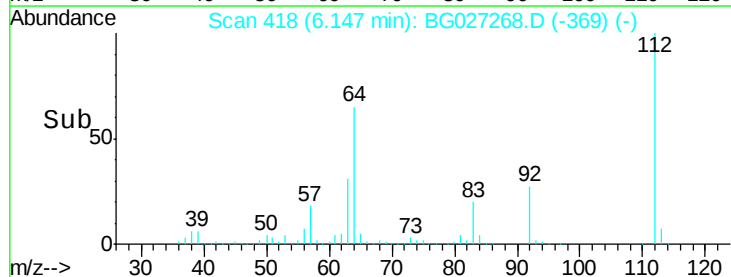
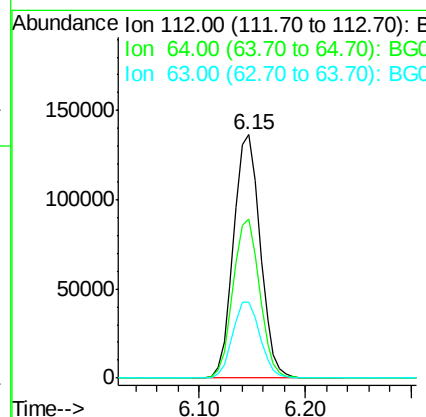
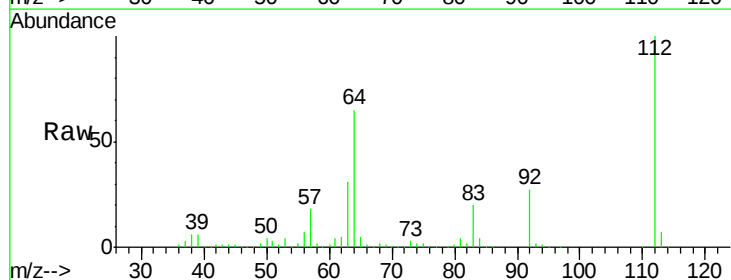
Tgt Ion:152 Resp: 53078
Ion Ratio Lower Upper
152 100
150 160.7 114.0 171.0
115 65.1 48.1 72.1

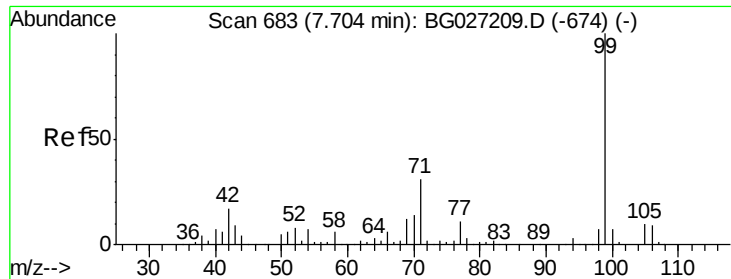


#5

2-Fluorophenol
Concen: 68.374 ng
RT: 6.15 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027268.D
Acq: 7 Jun 2017 3:21

Tgt Ion:112 Resp: 237827
Ion Ratio Lower Upper
112 100
64 65.4 61.8 92.6
63 31.3 37.2 55.8#





#7

Phenol-d6

Concen: 41.098 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027268.D

Acq: 7 Jun 2017 3:21

Instrument :

BNA_G

ClientSampleId :

TW-2-20170603

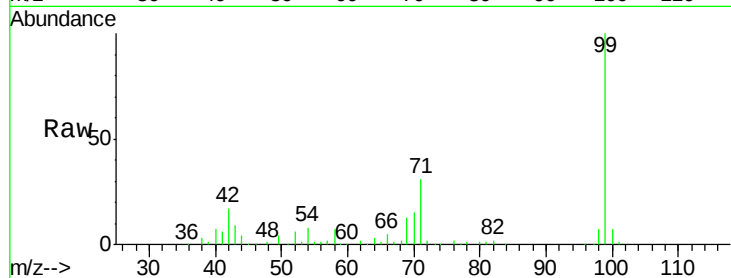
Tgt Ion: 99 Resp: 209840

Ion Ratio Lower Upper

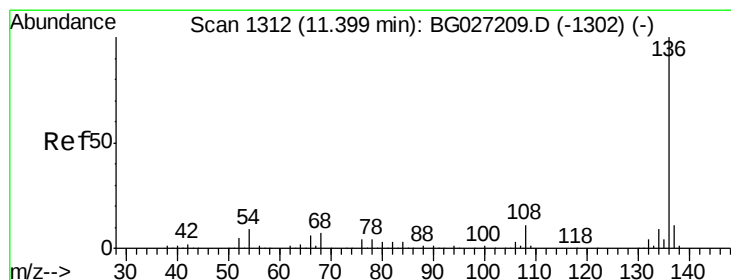
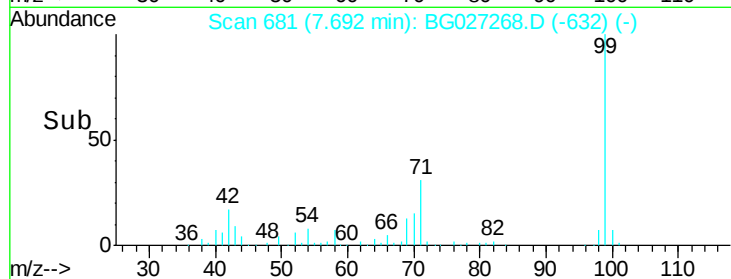
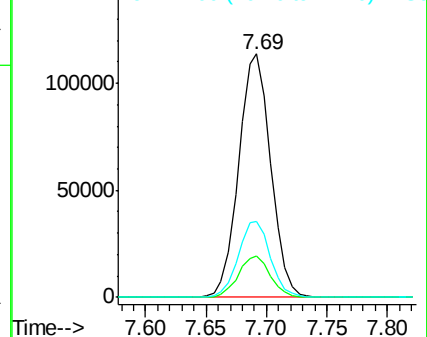
99 100

42 16.8 20.5 30.7#

71 31.4 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: 20.000 ng

RT: 11.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BG027268.D

Acq: 7 Jun 2017 3:21

Tgt Ion: 136 Resp: 252859

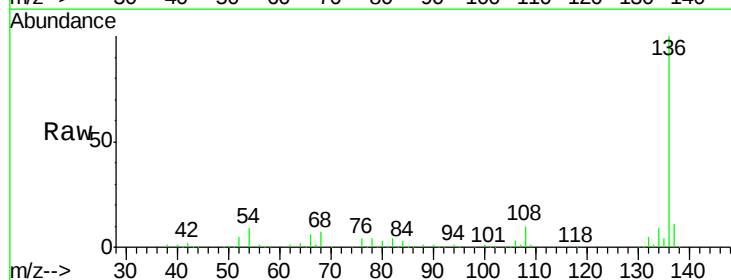
Ion Ratio Lower Upper

136 100

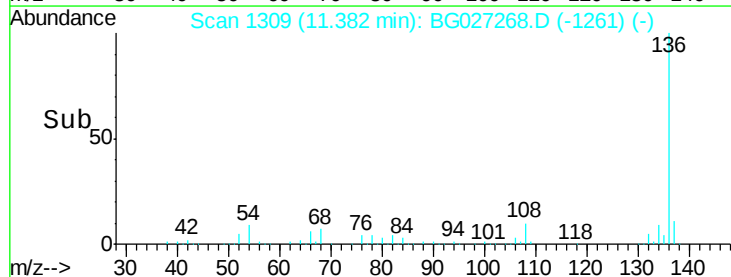
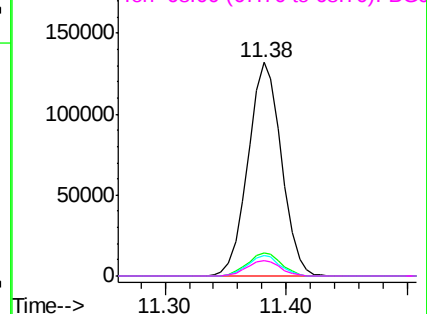
137 10.7 8.9 13.3

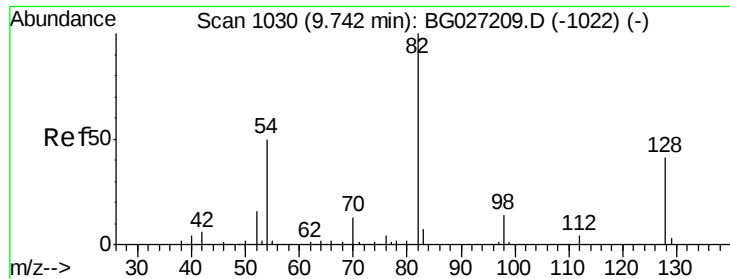
54 9.3 9.3 13.9

68 7.4 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

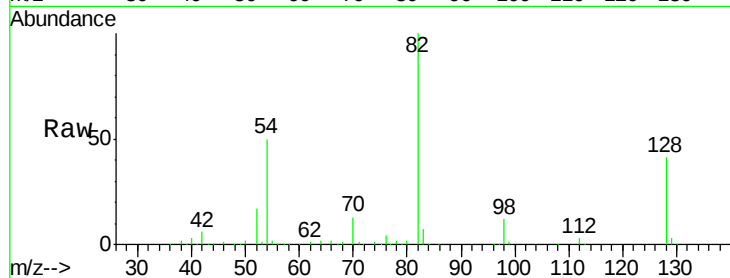




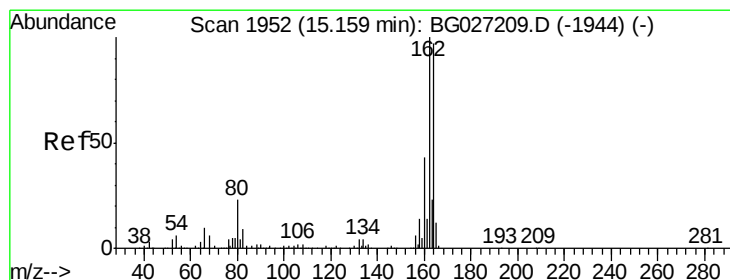
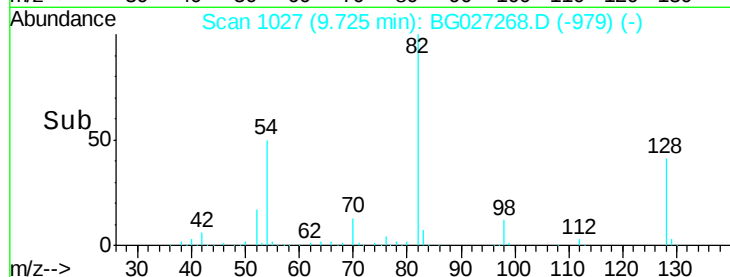
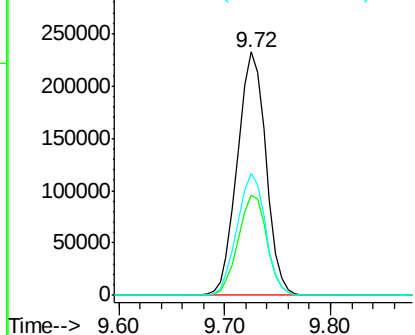
#23
 Nitrobenzene-d5
 Concen: 108.510 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027268.D
 Acq: 7 Jun 2017 3:21

Instrument :
 BNA_G
 ClientSampleId :
 TW-2-20170603

Tgt Ion: 82 Resp: 436285
 Ion Ratio Lower Upper
 82 100
 128 41.3 26.4 39.6#
 54 50.0 49.4 74.2

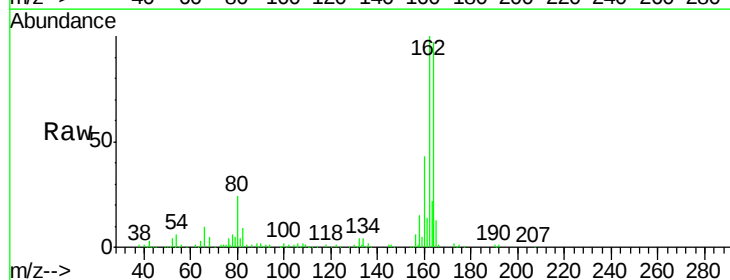


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

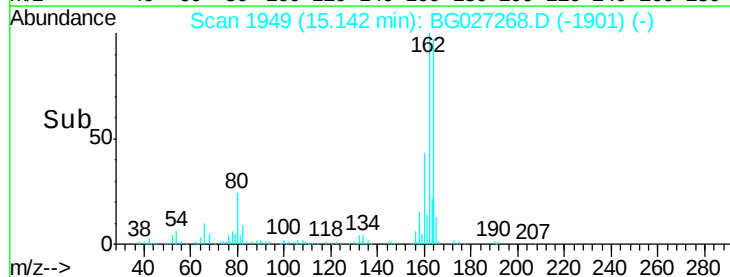
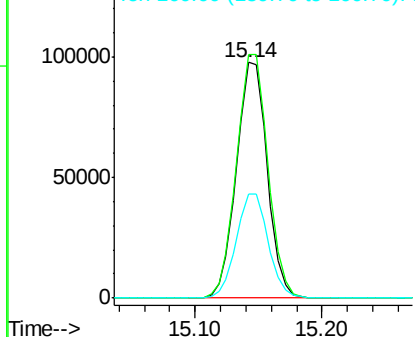


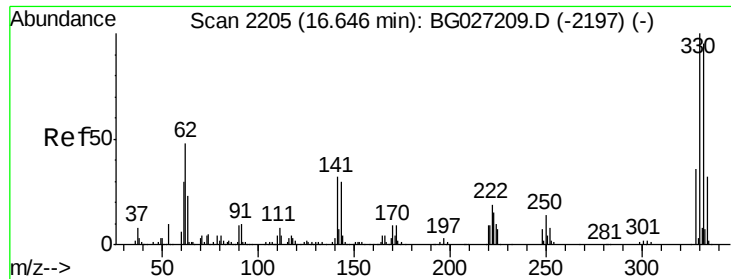
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.14 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027268.D
 Acq: 7 Jun 2017 3:21

Tgt Ion: 164 Resp: 164032
 Ion Ratio Lower Upper
 164 100
 162 103.2 85.1 127.7
 160 43.9 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

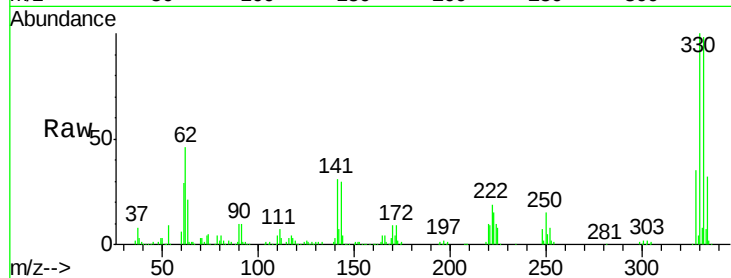




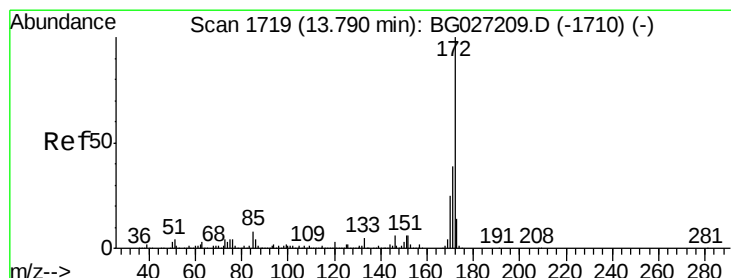
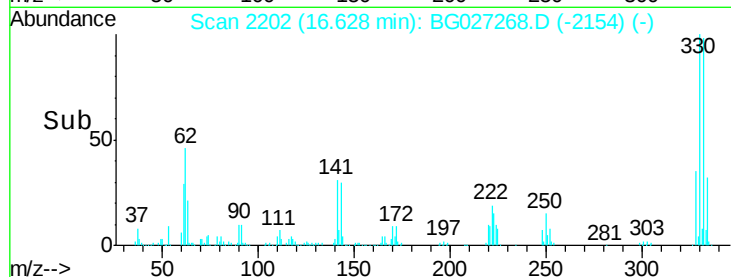
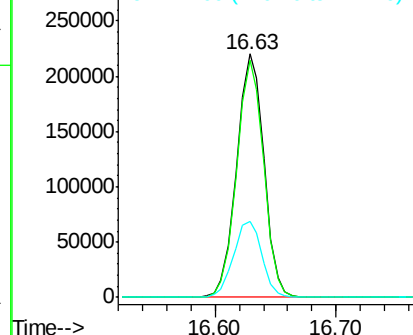
#41
 2,4,6-Tribromophenol
 Concen: 160.585 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027268.D
 Acq: 7 Jun 2017 3:21

Instrument :
 BNA_G
 ClientSampleId :
 TW-2-20170603

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	32.6	32.1	48.1

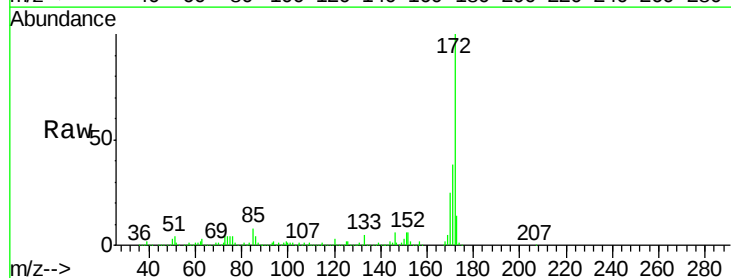


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

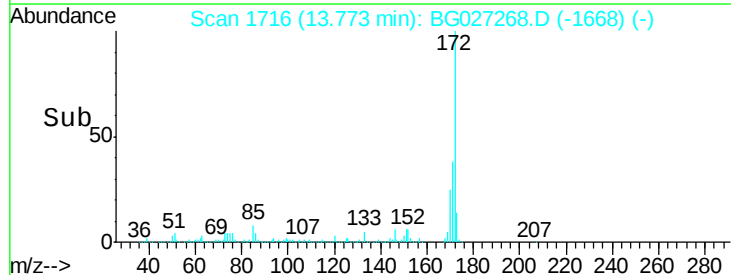
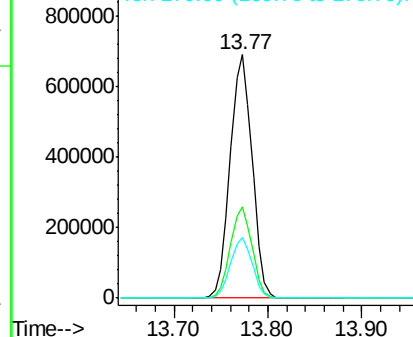


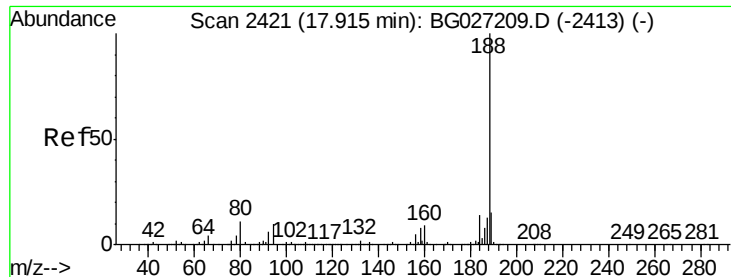
#44
 2-Fluorobiphenyl
 Concen: 95.591 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027268.D
 Acq: 7 Jun 2017 3:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	25.1	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

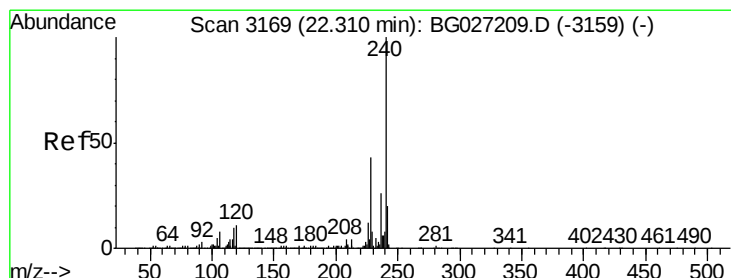
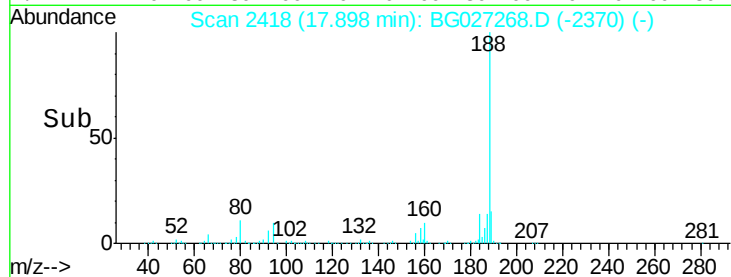
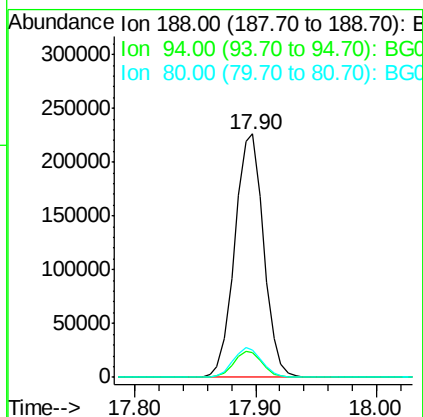
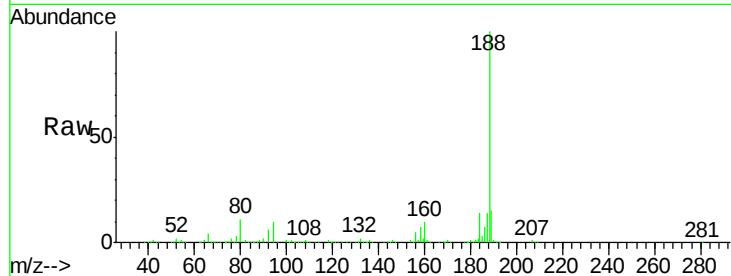




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.90 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG027268.D
Acq: 7 Jun 2017 3:21

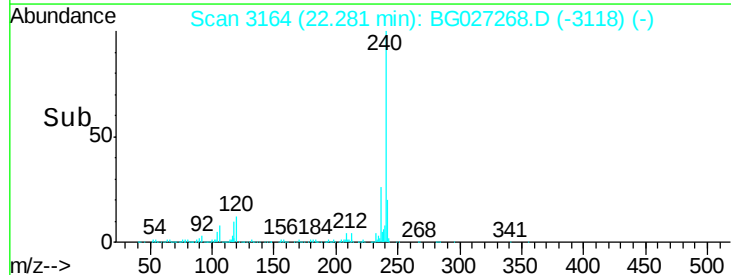
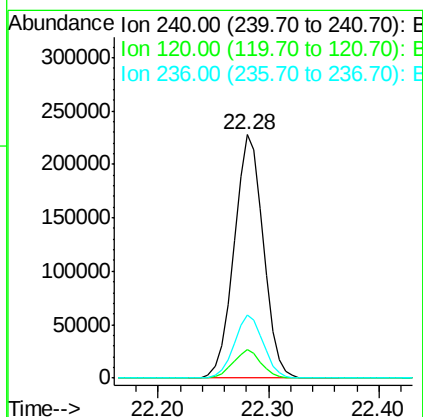
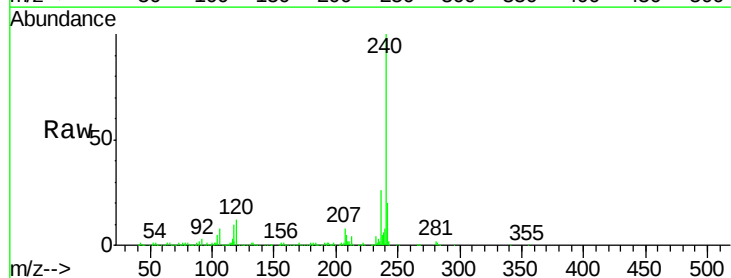
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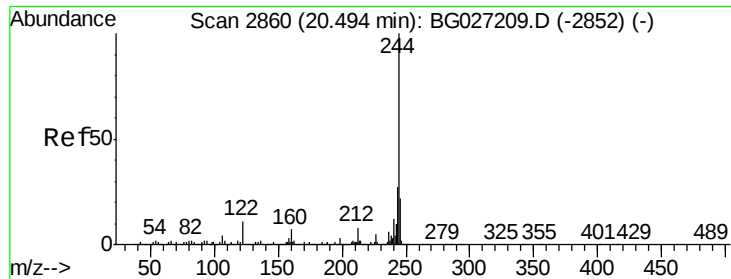
Tgt Ion:188 Resp: 376378
Ion Ratio Lower Upper
188 100
94 10.2 5.8 8.8#
80 11.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.28 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG027268.D
Acq: 7 Jun 2017 3:21

Tgt Ion:240 Resp: 423439
Ion Ratio Lower Upper
240 100
120 11.5 5.7 8.5#
236 26.0 22.2 33.4





#78

Terphenyl-d14

Concen: 96.160 ng

RT: 20.48 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027268.D

Acq: 7 Jun 2017 3:21

Instrument :

BNA_G

ClientSampleId :

TW-2-20170603

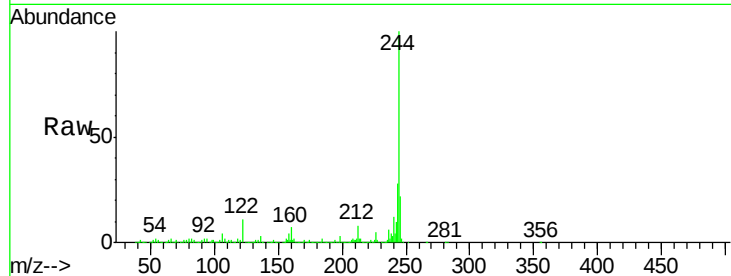
Tgt Ion:244 Resp: 1596147

Ion Ratio Lower Upper

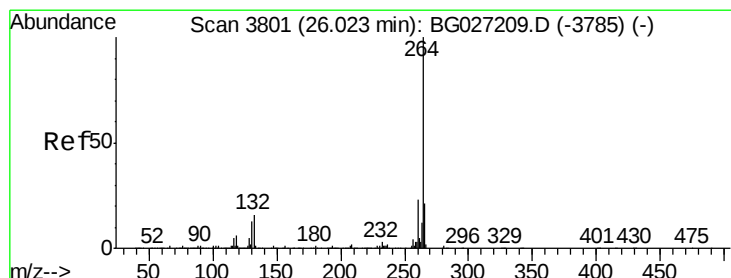
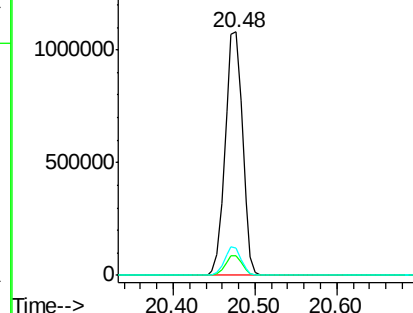
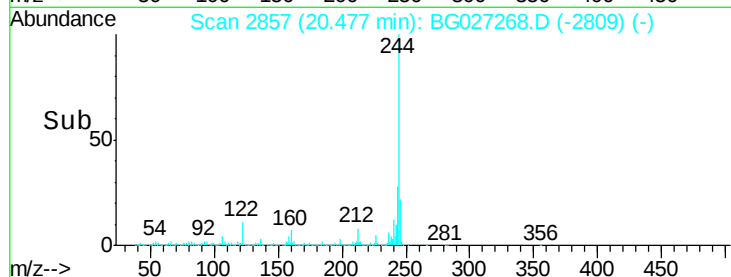
244 100

212 8.3 10.0 15.0#

122 11.3 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: 20.000 ng

RT: 25.98 min Scan# 3793

Delta R.T. -0.05 min

Lab File: BG027268.D

Acq: 7 Jun 2017 3:21

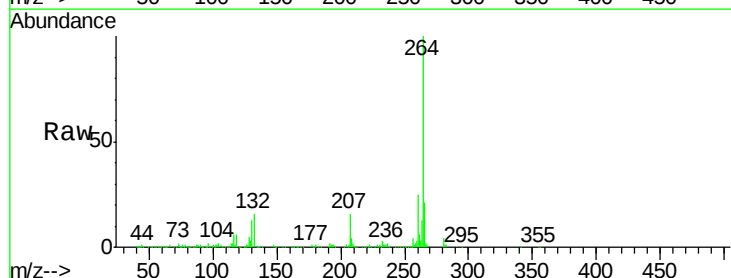
Tgt Ion:264 Resp: 394530

Ion Ratio Lower Upper

264 100

260 24.5 21.8 32.8

265 21.5 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

