

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061217\
 Data File : BG027385.D
 Acq On : 12 Jun 2017 21:28
 Operator : SJ/MA
 Sample : I3624-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-RO6822-060917

Quant Time: Jun 13 03:53:47 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	49585	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	215568	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	107513	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	319372	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	341098	20.00	ng	-0.06
86) Perylene-d12	25.92	264	78376	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	437172	134.54	ng	-0.02
7) Phenol-d6	7.68	99	546071	114.49	ng	-0.02
23) Nitrobenzene-d5	9.71	82	356942	104.13	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	262974	185.75	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	786587	102.35	ng	-0.04
78) Terphenyl-d14	20.45	244	1531798	114.56	ng	-0.05

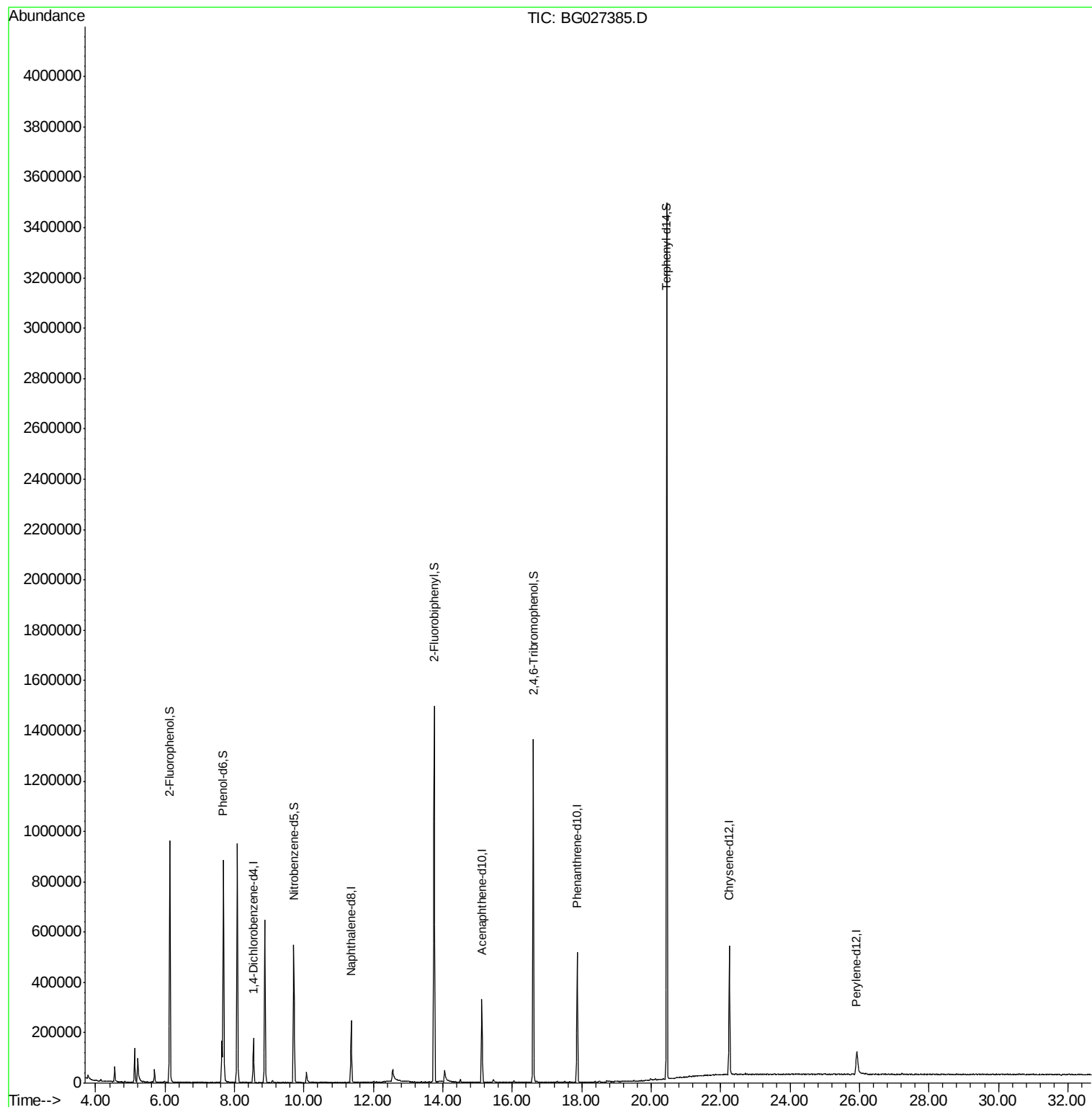
Target Compounds	Qvalue
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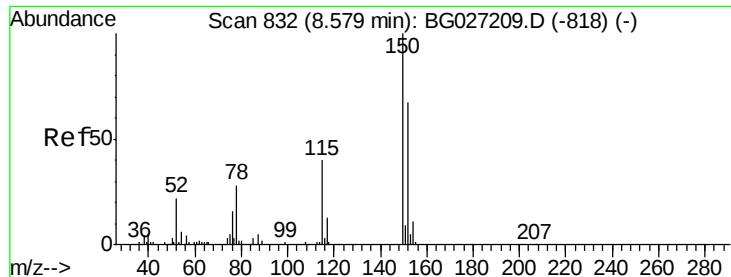
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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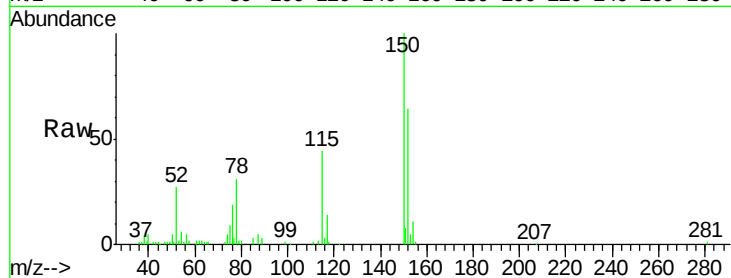


#1

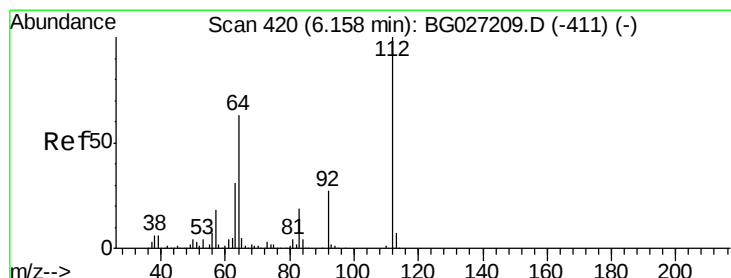
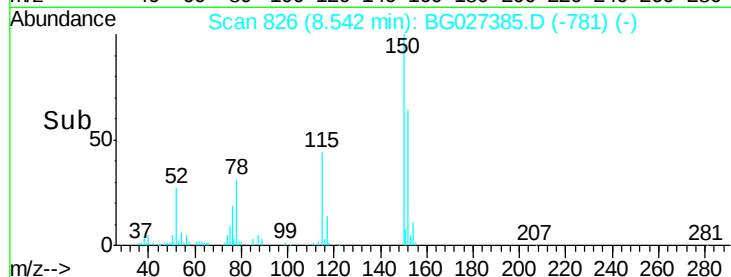
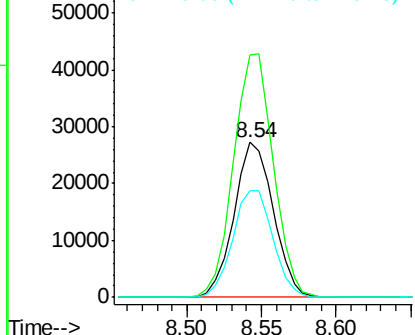
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.54 min Scan# 826
Delta R.T. -0.04 min
Lab File: BG027385.D
Acq: 12 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :
NB-RO6822-060917

Tgt Ion:152 Resp: 49585
Ion Ratio Lower Upper
152 100
150 156.3 114.0 171.0
115 68.5 48.1 72.1



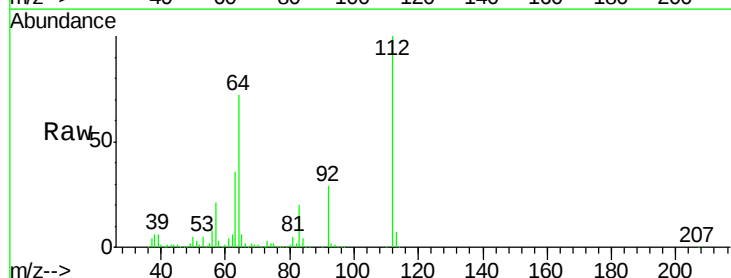
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



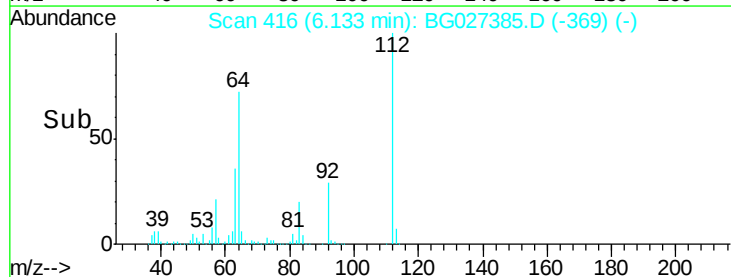
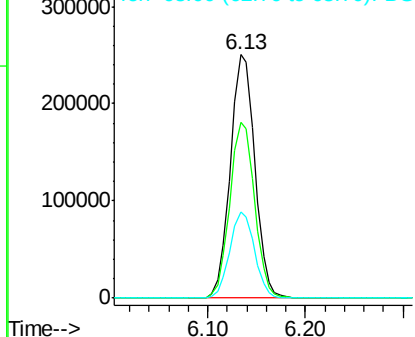
#5

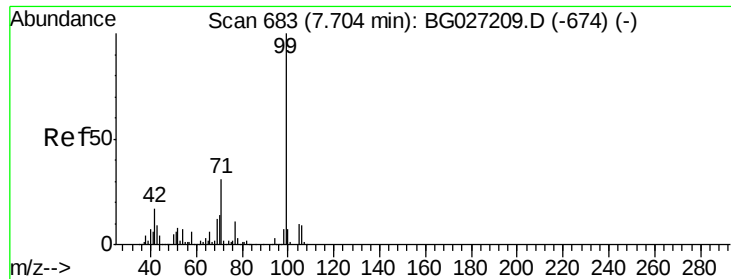
2-Fluorophenol
Concen: 134.539 ng
RT: 6.13 min Scan# 416
Delta R.T. -0.02 min
Lab File: BG027385.D
Acq: 12 Jun 2017 21:28

Tgt Ion:112 Resp: 437172
Ion Ratio Lower Upper
112 100
64 72.4 61.8 92.6
63 35.6 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGO
Ion 63.00 (62.70 to 63.70): BGO





#7

Phenol-d6

Concen: 114.485 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG027385.D

Acq: 12 Jun 2017 21:28

Instrument :

BNA_G

ClientSampleId :

NB-RO6822-060917

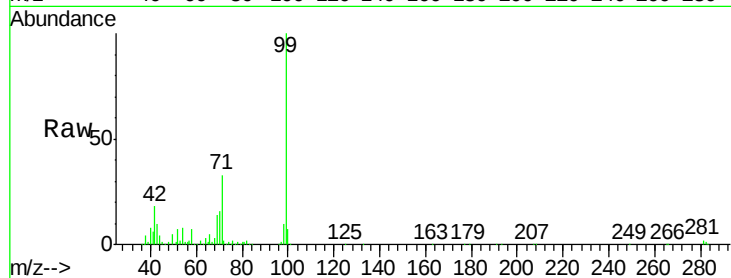
Tgt Ion: 99 Resp: 546071

Ion Ratio Lower Upper

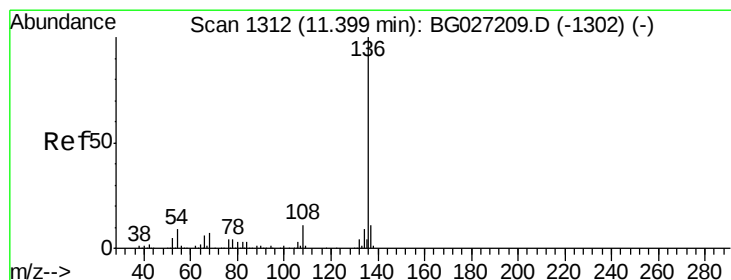
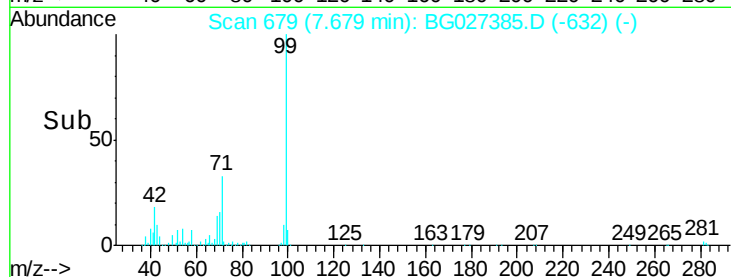
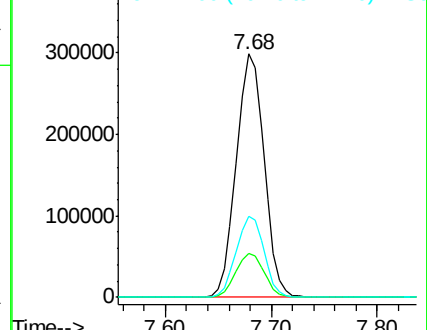
99 100

42 18.2 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: BG027385.D

Acq: 12 Jun 2017 21:28

Tgt Ion: 136 Resp: 215568

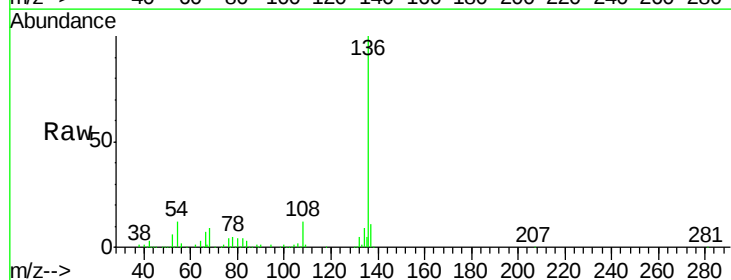
Ion Ratio Lower Upper

136 100

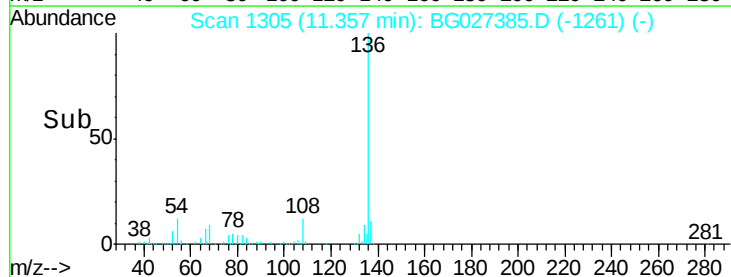
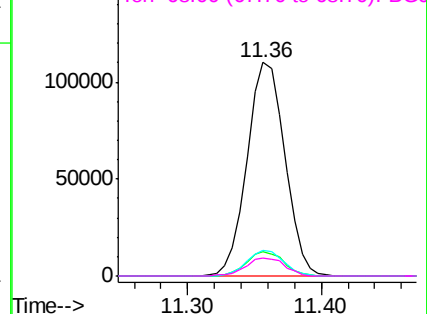
137 11.1 8.9 13.3

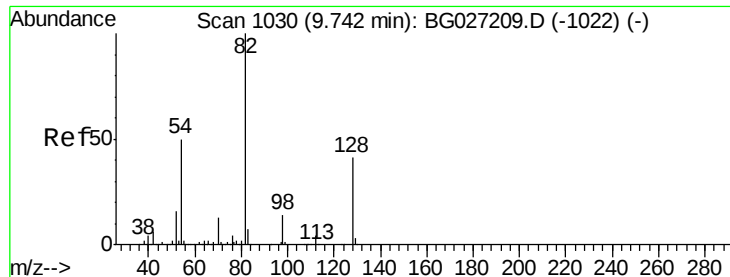
54 11.8 9.3 13.9

68 8.7 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: 104.134 ng

RT: 9.71 min Scan# 1024

Delta R.T. -0.04 min

Lab File: BG027385.D

Acq: 12 Jun 2017 21:28

Instrument :

BNA_G

ClientSampleId :

NB-RO6822-060917

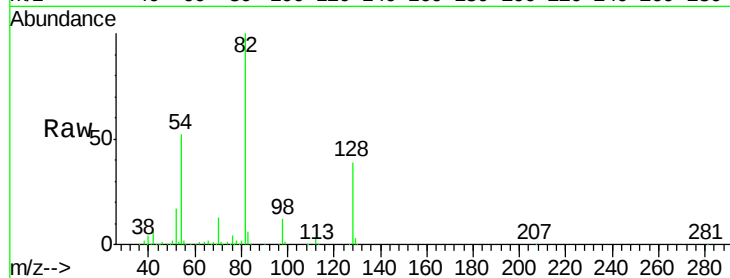
Tgt Ion: 82 Resp: 356942

Ion Ratio Lower Upper

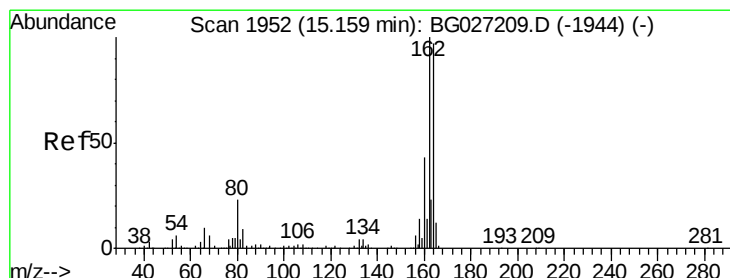
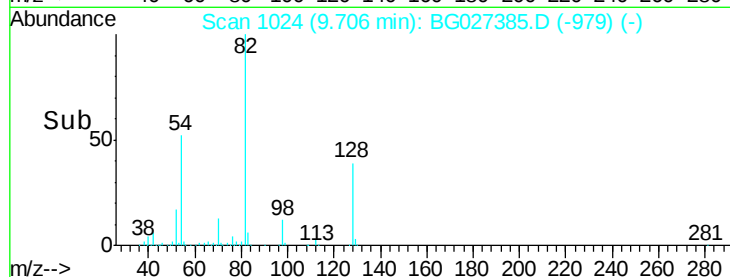
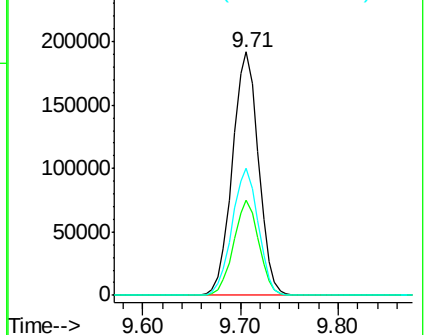
82 100

128 39.2 26.4 39.6

54 52.0 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: 15.12 min Scan# 1946

Delta R.T. -0.04 min

Lab File: BG027385.D

Acq: 12 Jun 2017 21:28

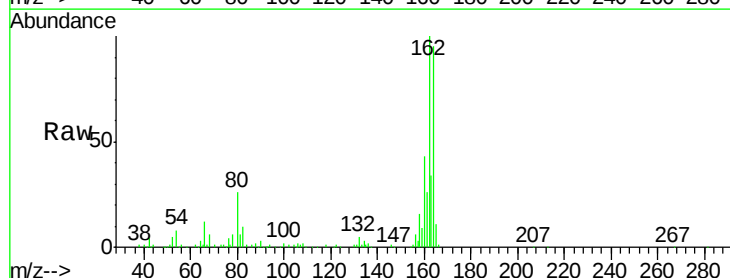
Tgt Ion: 164 Resp: 107513

Ion Ratio Lower Upper

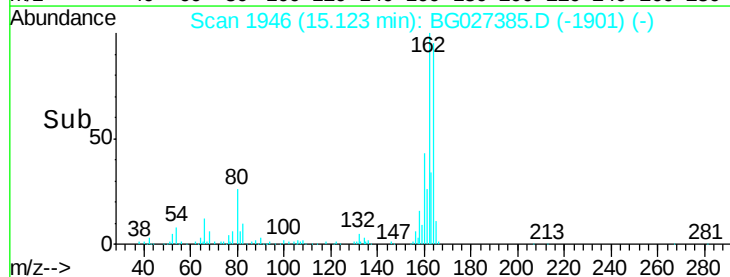
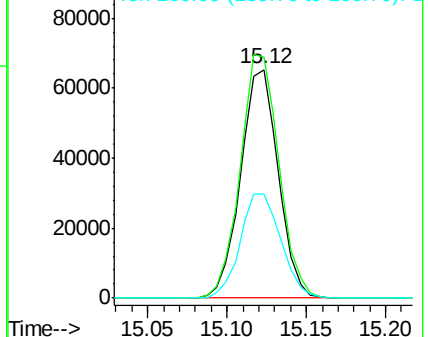
164 100

162 105.6 85.1 127.7

160 45.7 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

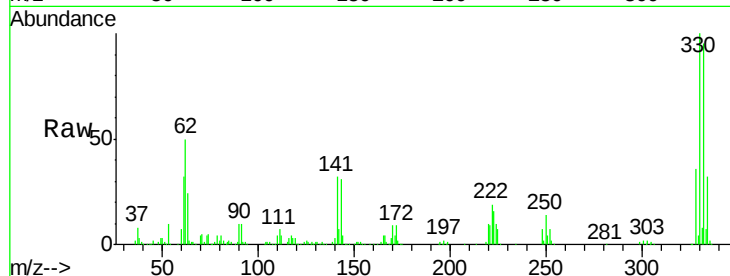




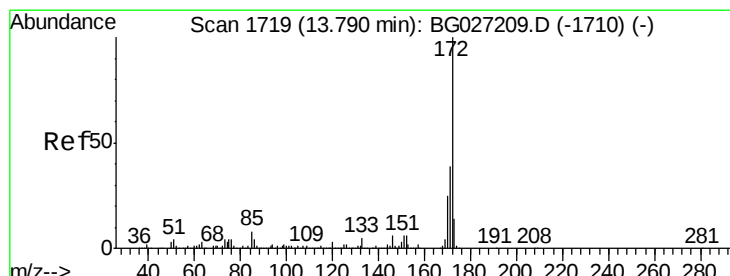
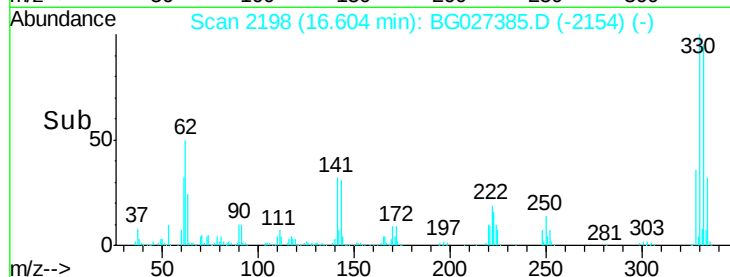
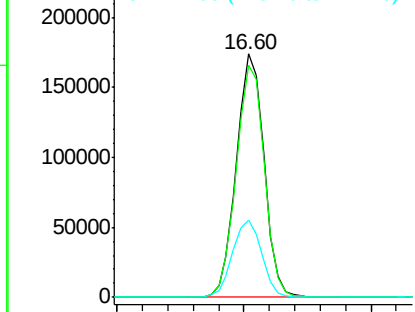
#41
 2,4,6-Tribromophenol
 Concen: 185.748 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027385.D
 Acq: 12 Jun 2017 21:28

Instrument :
 BNA_G
 ClientSampleId :
 NB-RO6822-060917

Tgt Ion:330 Resp: 262974
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 33.5 32.1 48.1

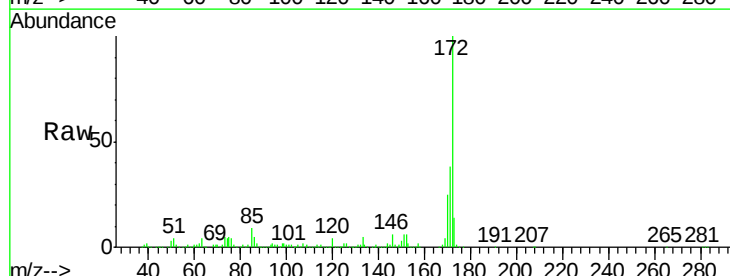


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

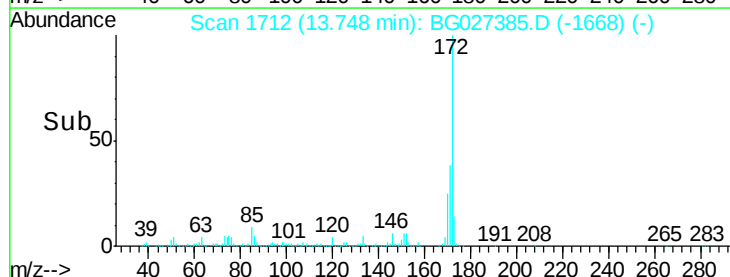
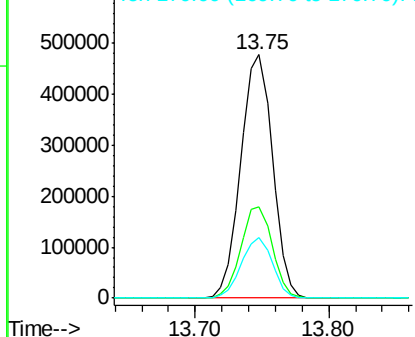


#44
 2-Fluorobiphenyl
 Concen: 102.352 ng
 RT: 13.75 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027385.D
 Acq: 12 Jun 2017 21:28

Tgt Ion:172 Resp: 786587
 Ion Ratio Lower Upper
 172 100
 171 37.7 32.2 48.2
 170 24.7 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: BG027385.D

Acq: 12 Jun 2017 21:28

Instrument :

BNA_G

ClientSampleId :

NB-RO6822-060917

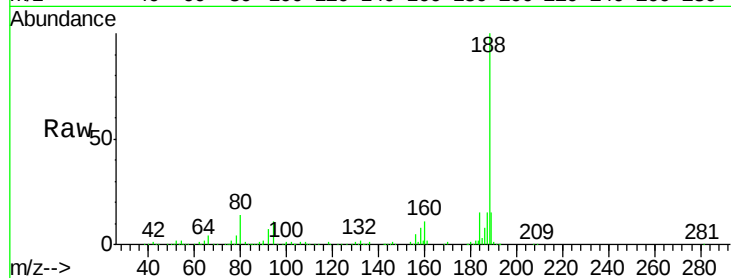
Tgt Ion:188 Resp: 319372

Ion Ratio Lower Upper

188 100

94 11.5 5.8 8.8#

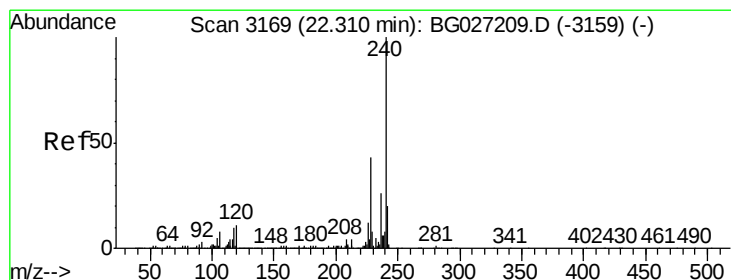
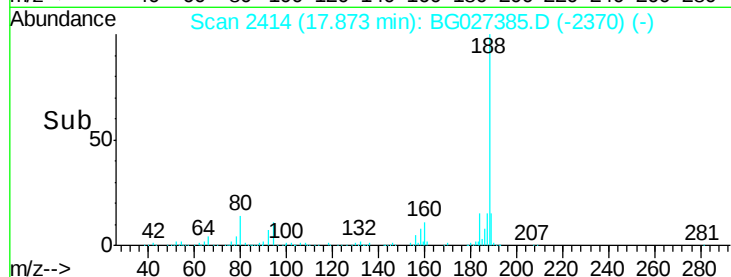
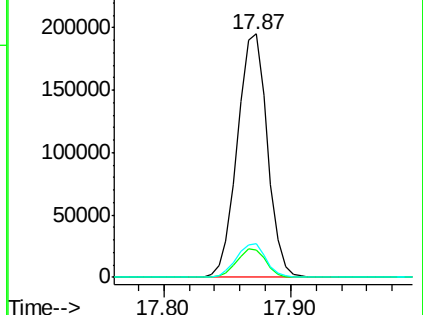
80 13.6 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BG027385.D

Acq: 12 Jun 2017 21:28

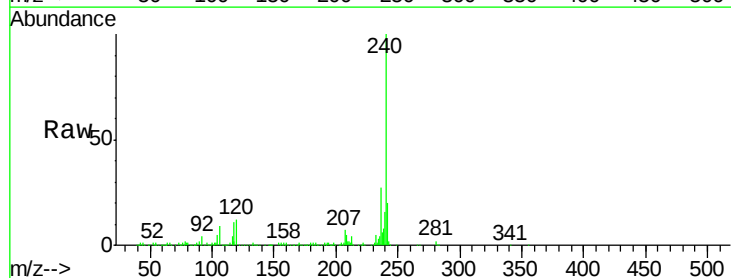
Tgt Ion:240 Resp: 341098

Ion Ratio Lower Upper

240 100

120 11.6 5.7 8.5#

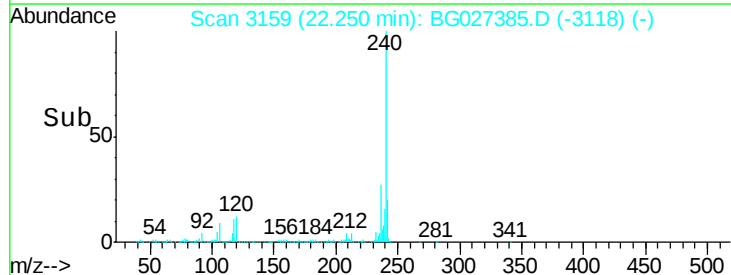
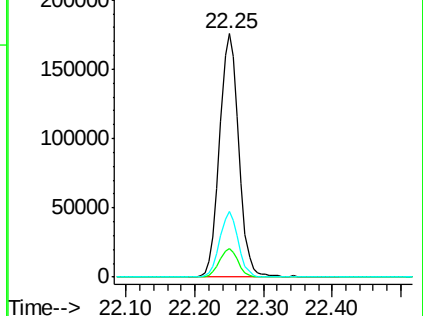
236 26.8 22.2 33.4



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: 114.560 ng

RT: 20.45 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027385.D

Acq: 12 Jun 2017 21:28

Instrument :

BNA_G

ClientSampleId :

NB-RO6822-060917

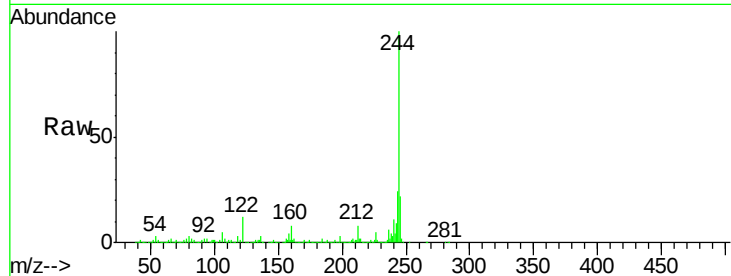
Tgt Ion:244 Resp: 1531798

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

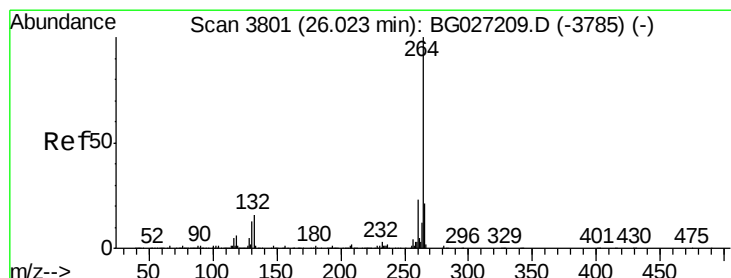
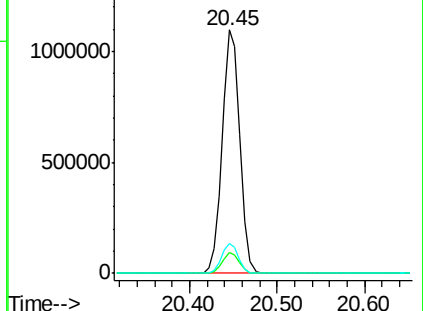
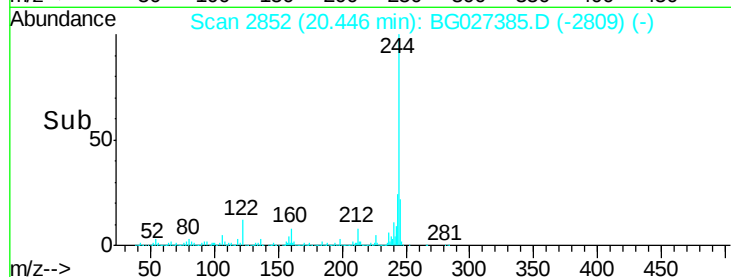
122 12.4 8.6 12.8



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# 3783

Delta R.T. -0.11 min

Lab File: BG027385.D

Acq: 12 Jun 2017 21:28

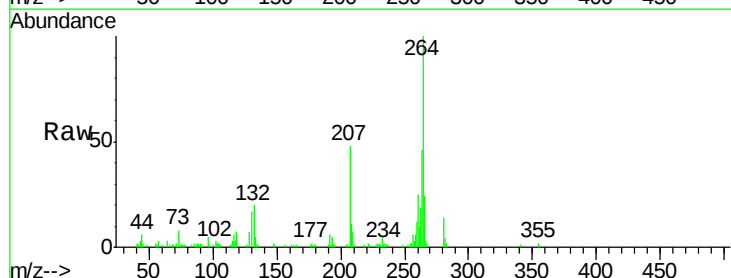
Tgt Ion:264 Resp: 78376

Ion Ratio Lower Upper

264 100

260 25.2 21.8 32.8

265 23.9 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

