

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061217\
 Data File : BG027387.D
 Acq On : 12 Jun 2017 22:47
 Operator : SJ/MA
 Sample : I3594-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-060917-C

Quant Time: Jun 13 04:28:37 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	50149	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	216769	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	124345	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	323678	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	387953	20.00	ng	-0.06
86) Perylene-d12	25.92	264	362065	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	521019	158.54	ng	-0.02
7) Phenol-d6	7.68	99	660938	137.01	ng	-0.02
23) Nitrobenzene-d5	9.70	82	430410	124.87	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	314016	191.78	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	939245	105.67	ng	-0.04
78) Terphenyl-d14	20.45	244	1753065	115.27	ng	-0.05

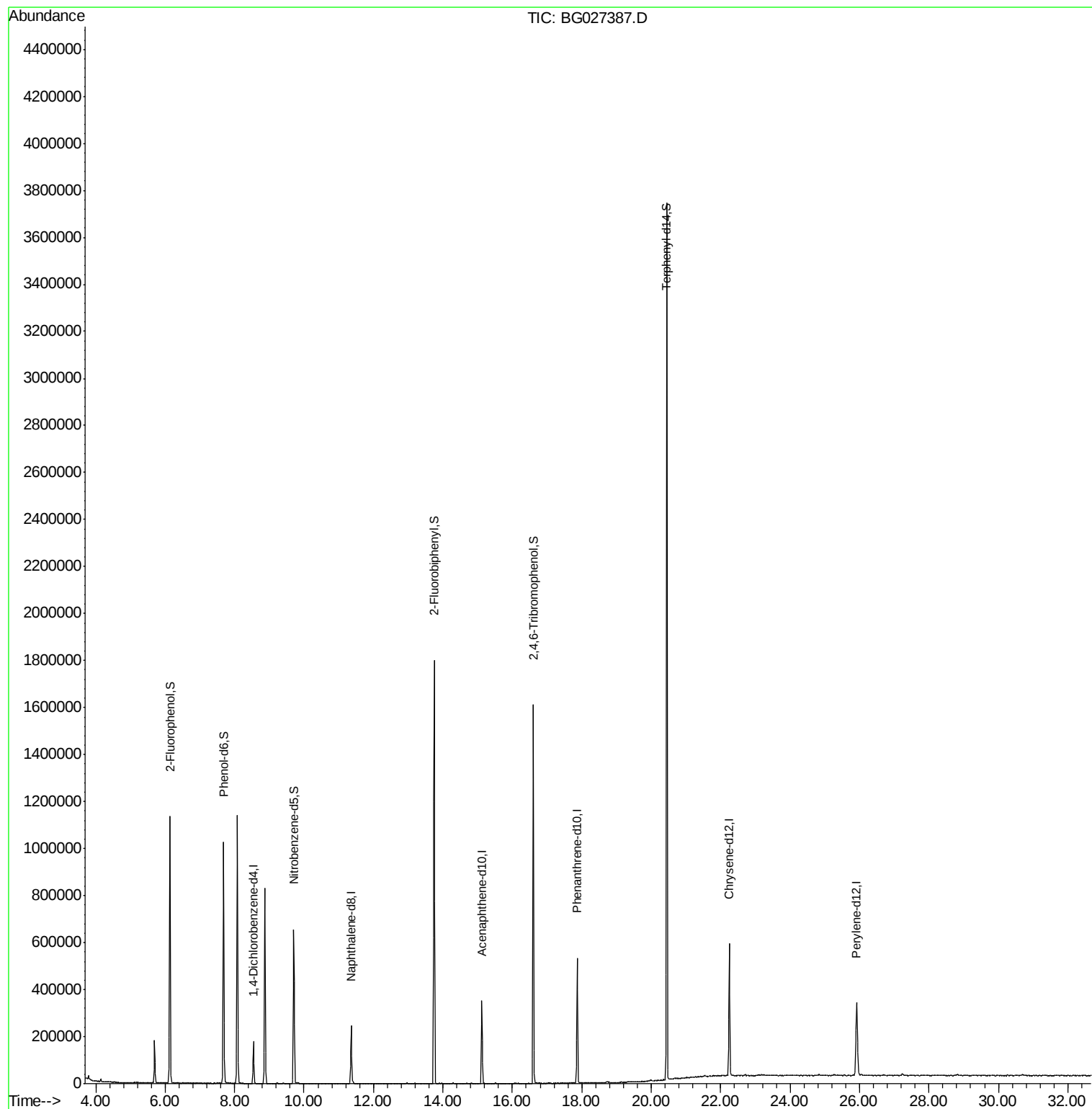
Target Compounds	Qvalue
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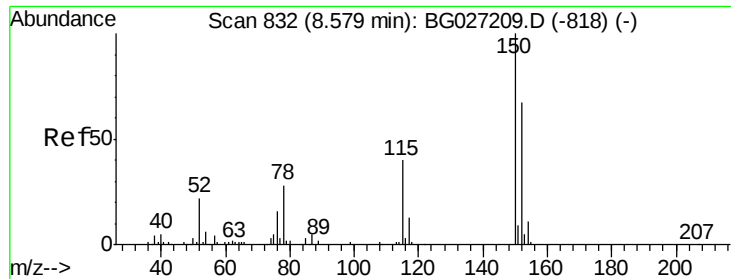
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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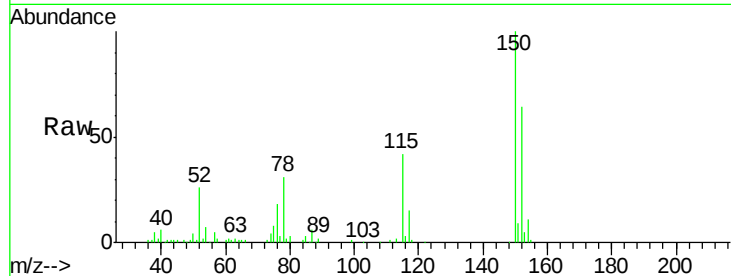


#1

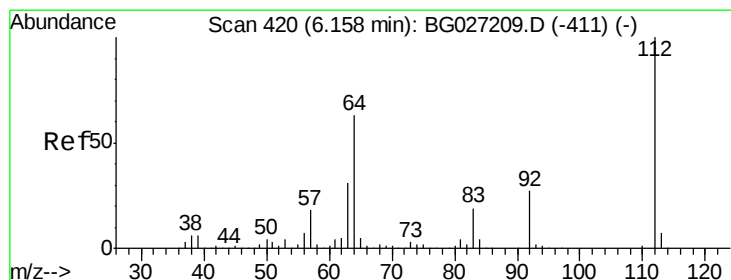
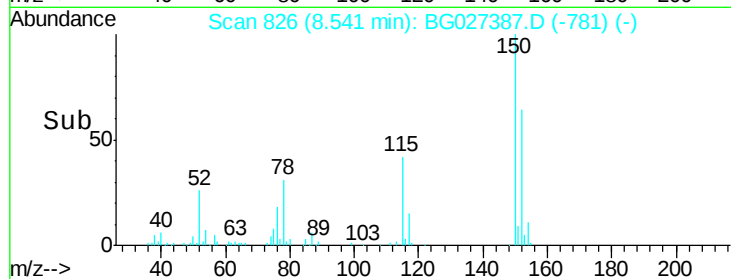
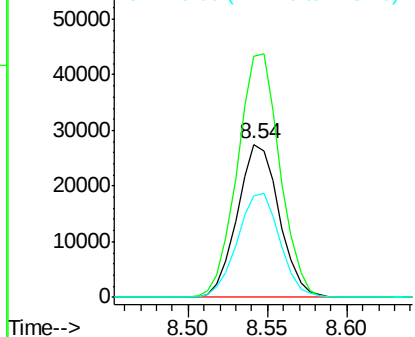
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.54 min Scan# 826
Delta R.T. -0.04 min
Lab File: BG027387.D
Acq: 12 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :
EO-01-060917-C

Tgt Ion:152 Resp: 50149
Ion Ratio Lower Upper
152 100
150 156.9 114.0 171.0
115 66.3 48.1 72.1



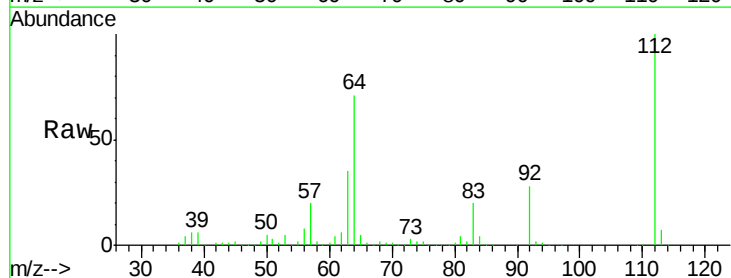
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



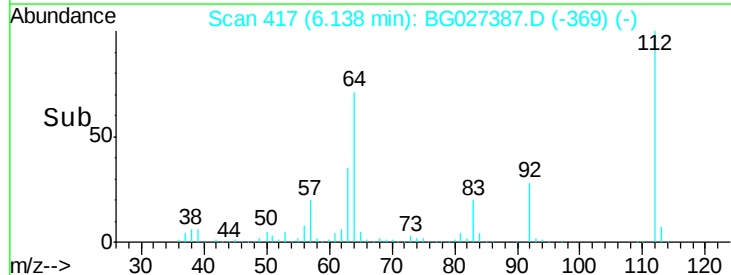
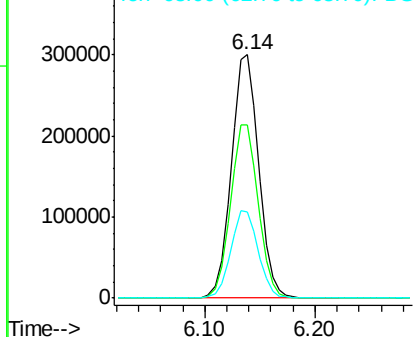
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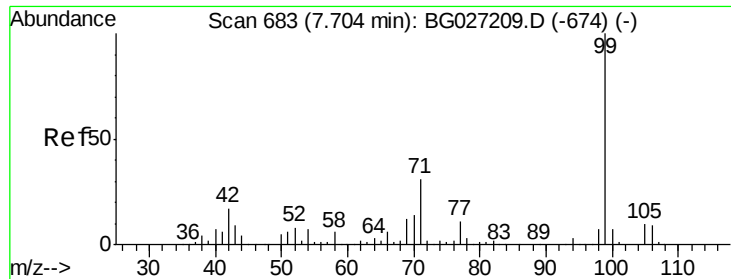
2-Fluorophenol
Concen: 158.539 ng
RT: 6.14 min Scan# 417
Delta R.T. -0.02 min
Lab File: BG027387.D
Acq: 12 Jun 2017 22:47

Tgt Ion:112 Resp: 521019
Ion Ratio Lower Upper
112 100
64 71.3 61.8 92.6
63 35.2 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: 137.009 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027387.D

Acq: 12 Jun 2017 22:47

Instrument :

BNA_G

ClientSampleId :

EO-01-060917-C

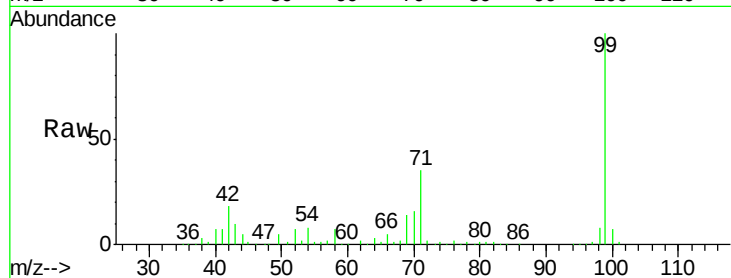
Tgt Ion: 99 Resp: 660938

Ion Ratio Lower Upper

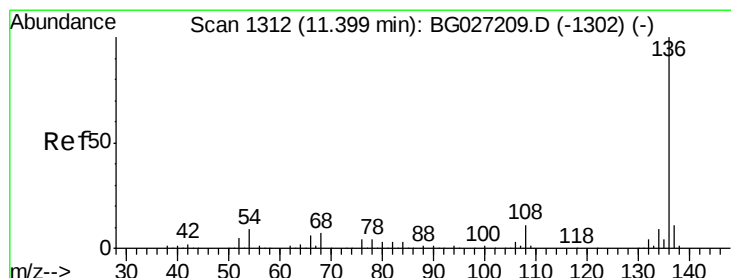
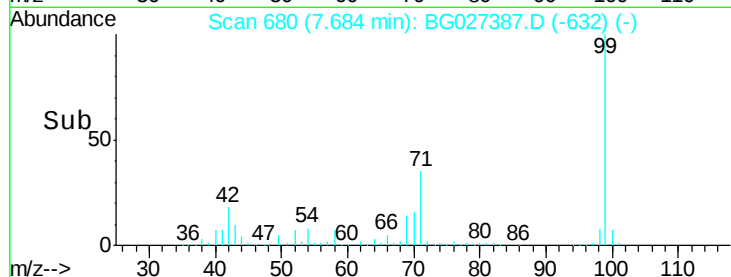
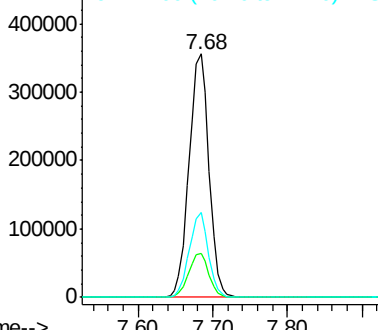
99 100

42 18.0 20.5 30.7#

71 34.7 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: BG027387.D

Acq: 12 Jun 2017 22:47

Tgt Ion: 136 Resp: 216769

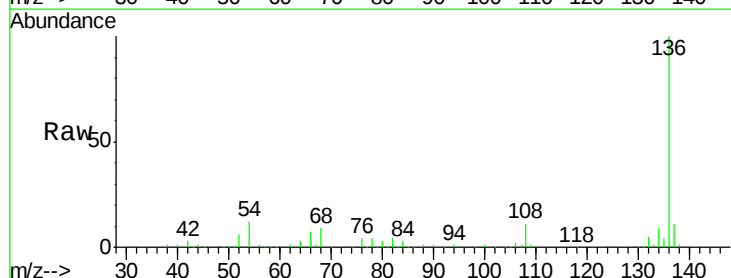
Ion Ratio Lower Upper

136 100

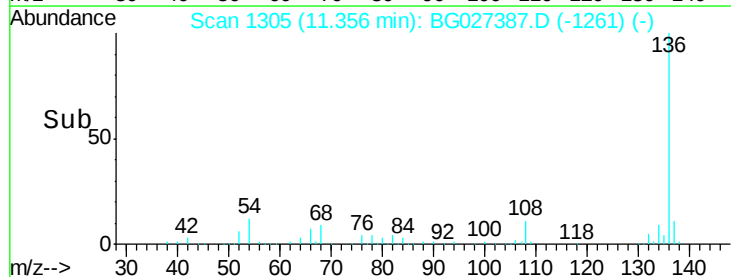
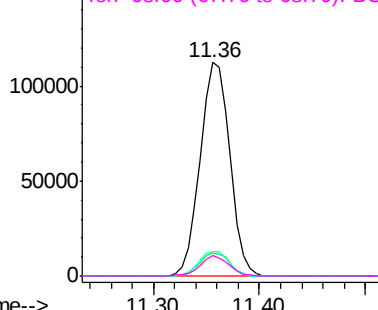
137 10.8 8.9 13.3

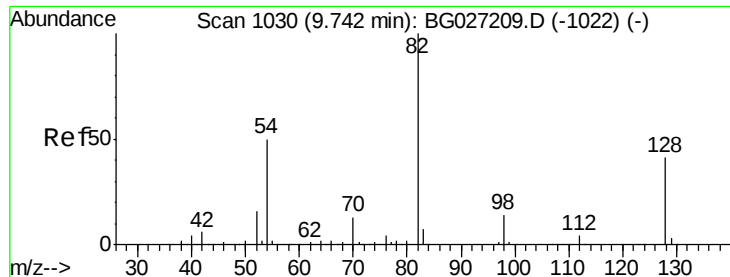
54 11.5 9.3 13.9

68 9.4 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

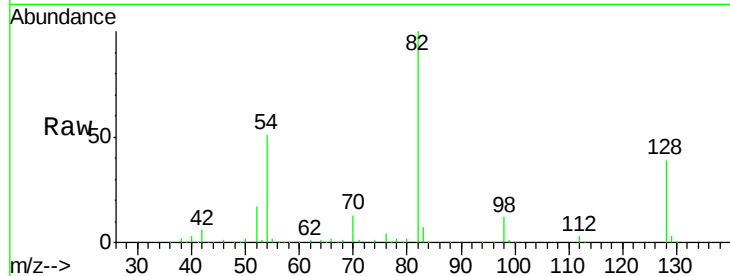




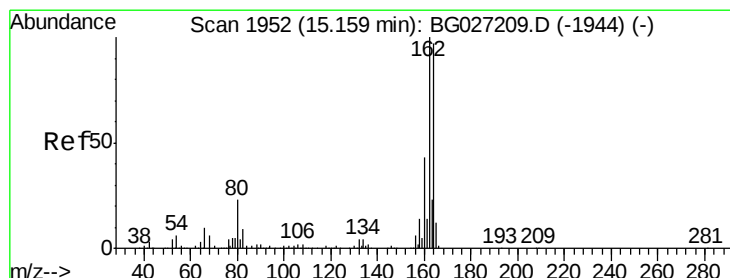
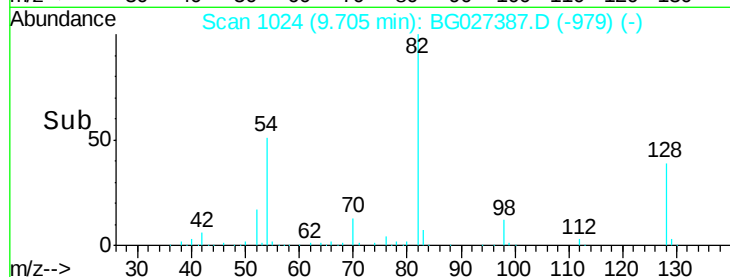
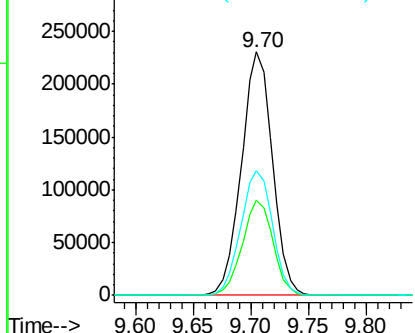
#23
 Nitrobenzene-d5
 Concen: 124.872 ng
 RT: 9.70 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027387.D
 Acq: 12 Jun 2017 22:47

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-060917-C

Tgt Ion: 82 Resp: 430410
 Ion Ratio Lower Upper
 82 100
 128 39.0 26.4 39.6
 54 51.1 49.4 74.2

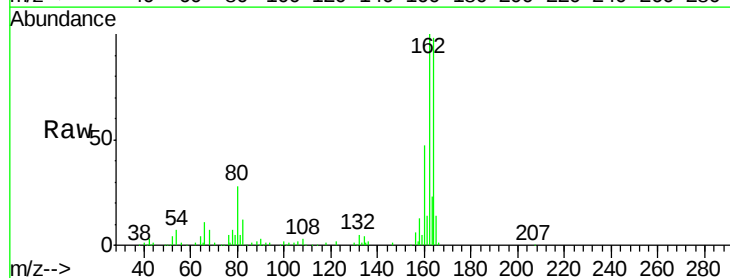


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

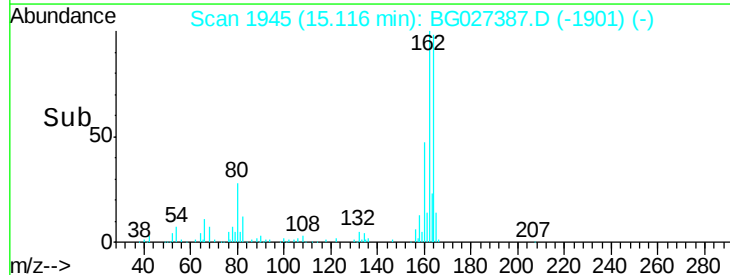
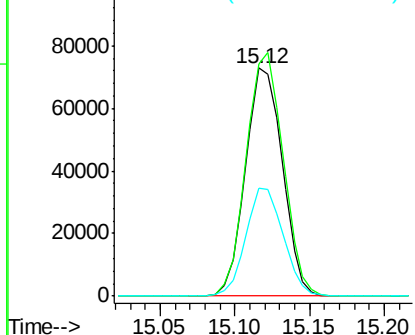


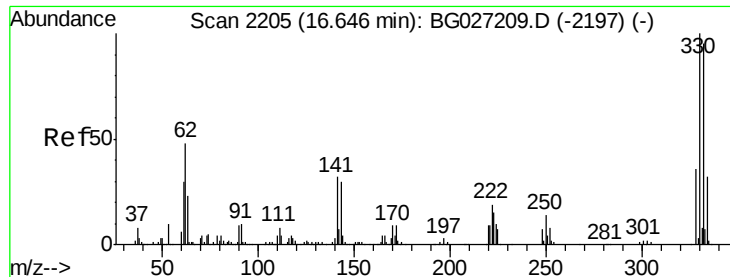
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.12 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: BG027387.D
 Acq: 12 Jun 2017 22:47

Tgt Ion: 164 Resp: 124345
 Ion Ratio Lower Upper
 164 100
 162 101.8 85.1 127.7
 160 47.5 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

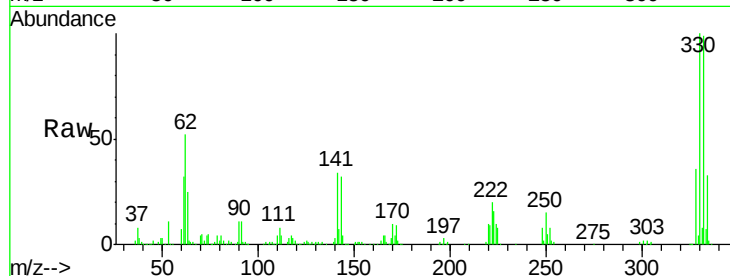




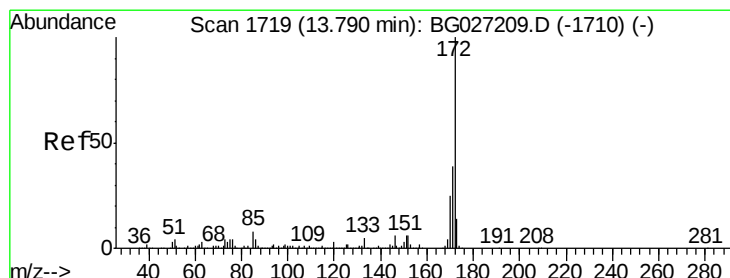
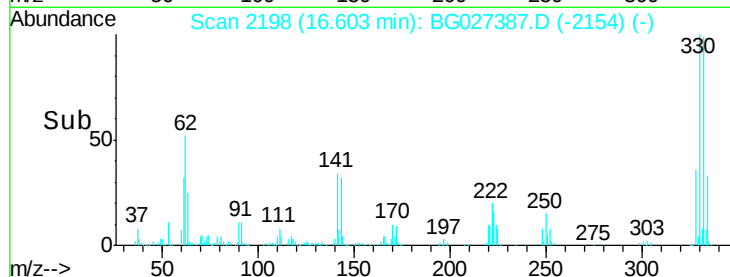
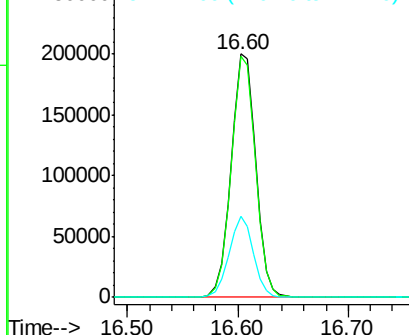
#41
 2,4,6-Tribromophenol
 Concen: 191.777 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027387.D
 Acq: 12 Jun 2017 22:47

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-060917-C

Tgt Ion:330 Resp: 314016
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.3 115.9
 141 32.9 32.1 48.1

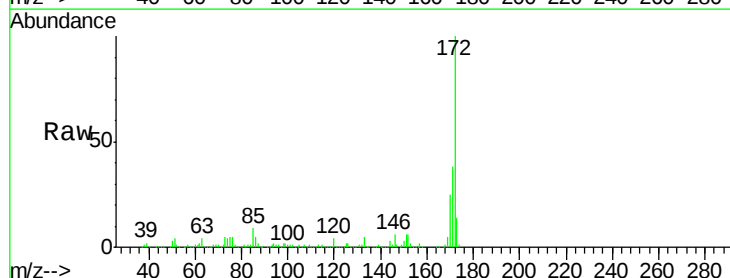


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

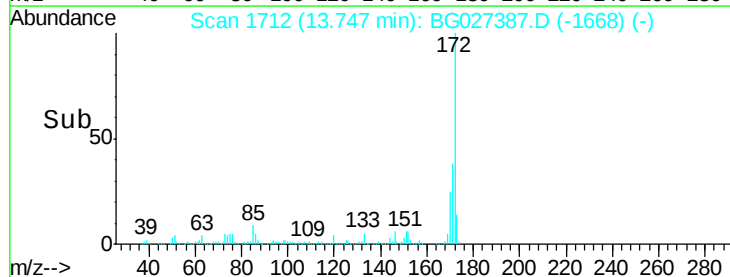
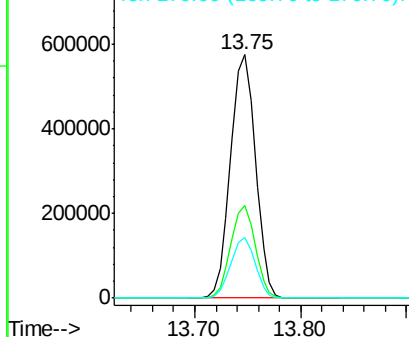


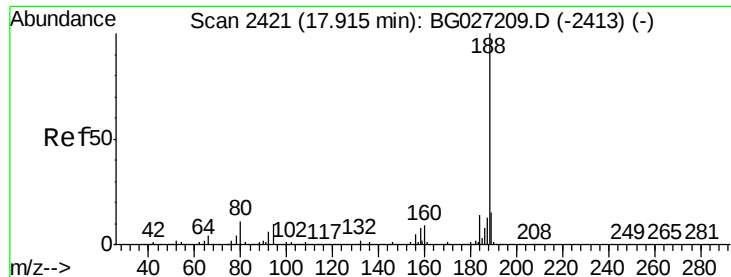
#44
 2-Fluorobiphenyl
 Concen: 105.672 ng
 RT: 13.75 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027387.D
 Acq: 12 Jun 2017 22:47

Tgt Ion:172 Resp: 939245
 Ion Ratio Lower Upper
 172 100
 171 37.9 32.2 48.2
 170 24.8 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

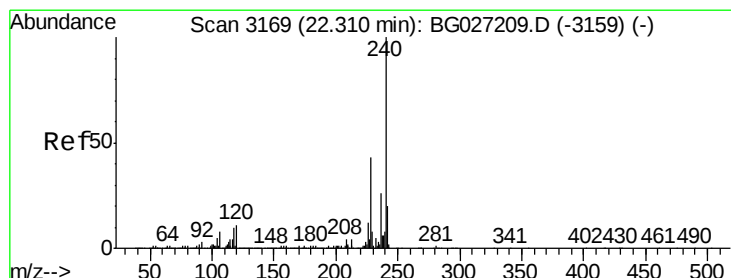
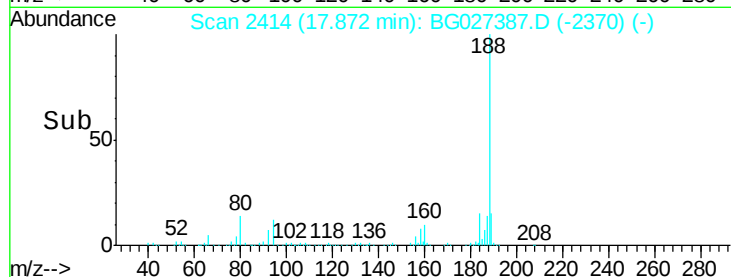
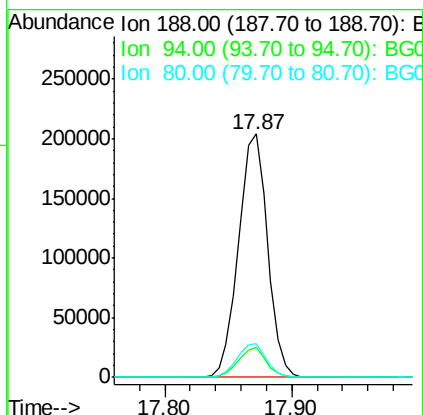
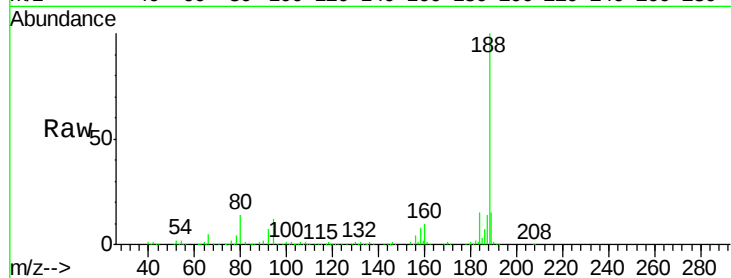




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.87 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG027387.D
Acq: 12 Jun 2017 22:47

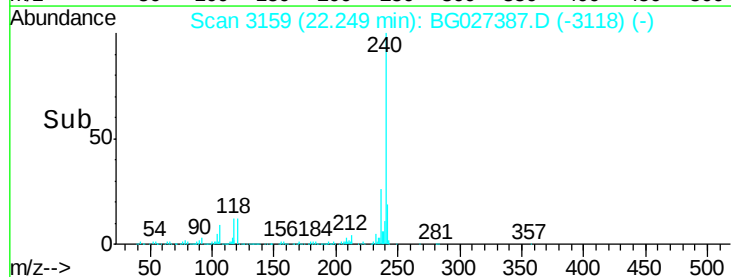
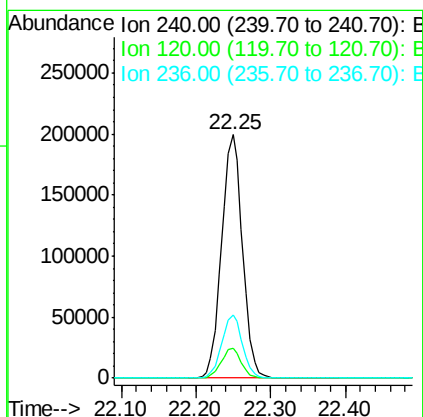
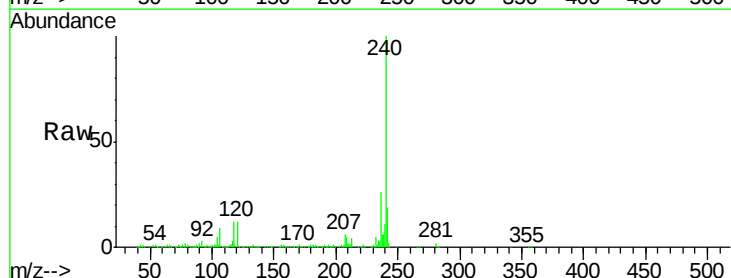
Instrument :
BNA_G
ClientSampleId :
EO-01-060917-C

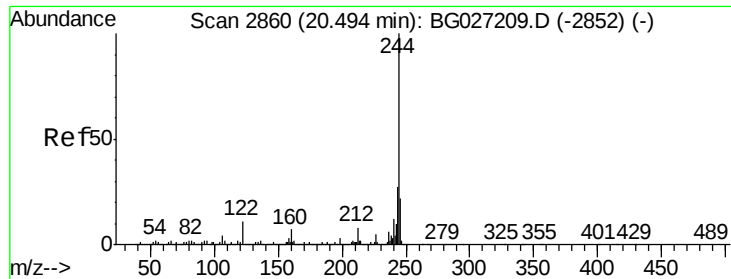
Tgt Ion:188 Resp: 323678
Ion Ratio Lower Upper
188 100
94 12.1 5.8 8.8#
80 13.7 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.25 min Scan# 3159
Delta R.T. -0.06 min
Lab File: BG027387.D
Acq: 12 Jun 2017 22:47

Tgt Ion:240 Resp: 387953
Ion Ratio Lower Upper
240 100
120 12.0 5.7 8.5#
236 25.8 22.2 33.4





#78

Terphenyl-d14

Concen: 115.274 ng

RT: 20.45 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027387.D

Acq: 12 Jun 2017 22:47

Instrument :

BNA_G

ClientSampleId :

EO-01-060917-C

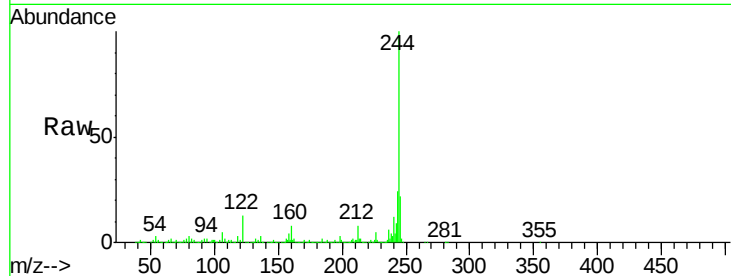
Tgt Ion:244 Resp: 1753065

Ion Ratio Lower Upper

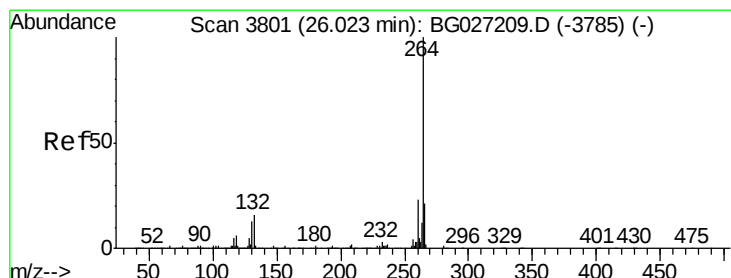
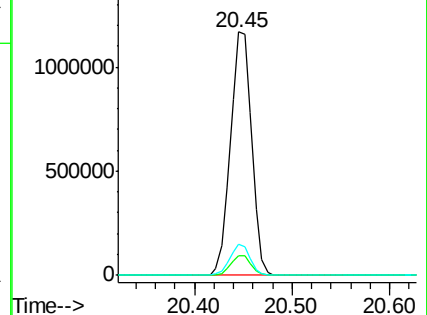
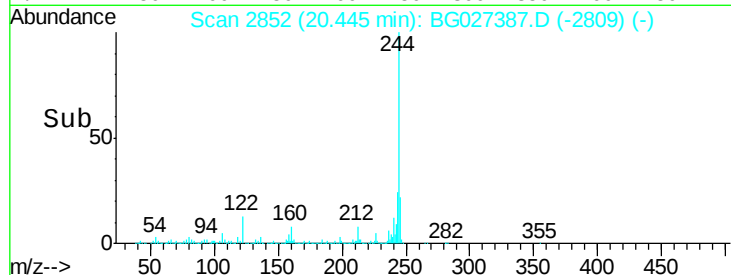
244 100

212 8.2 10.0 15.0#

122 12.8 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: BG027387.D

Acq: 12 Jun 2017 22:47

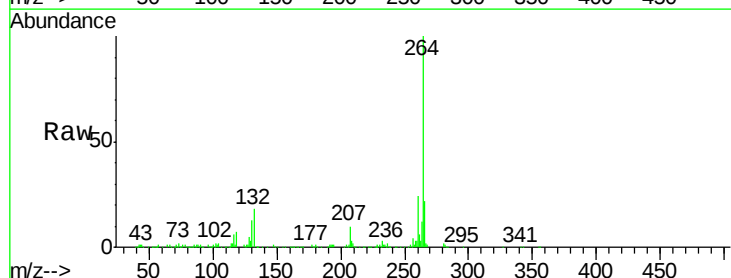
Tgt Ion:264 Resp: 362065

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 22.0 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

