

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070217\
 Data File : BG027820.D
 Acq On : 2 Jul 2017 15:53
 Operator : SJ/JU
 Sample : I3983-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-DRUM-COMP

Quant Time: Jul 03 08:07:08 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	27156	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	132868	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	84783	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	226421	20.00	ng	0.00
75) Chrysene-d12	22.17	240	225675	20.00	ng	0.00
86) Perylene-d12	25.79	264	184000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	232744	131.98	ng	0.00
7) Phenol-d6	7.62	99	279430	103.72	ng	0.00
23) Nitrobenzene-d5	9.64	82	216954	91.02	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	224732	193.25	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	601662	101.35	ng	0.00
78) Terphenyl-d14	20.39	244	1148554	119.31	ng	0.00

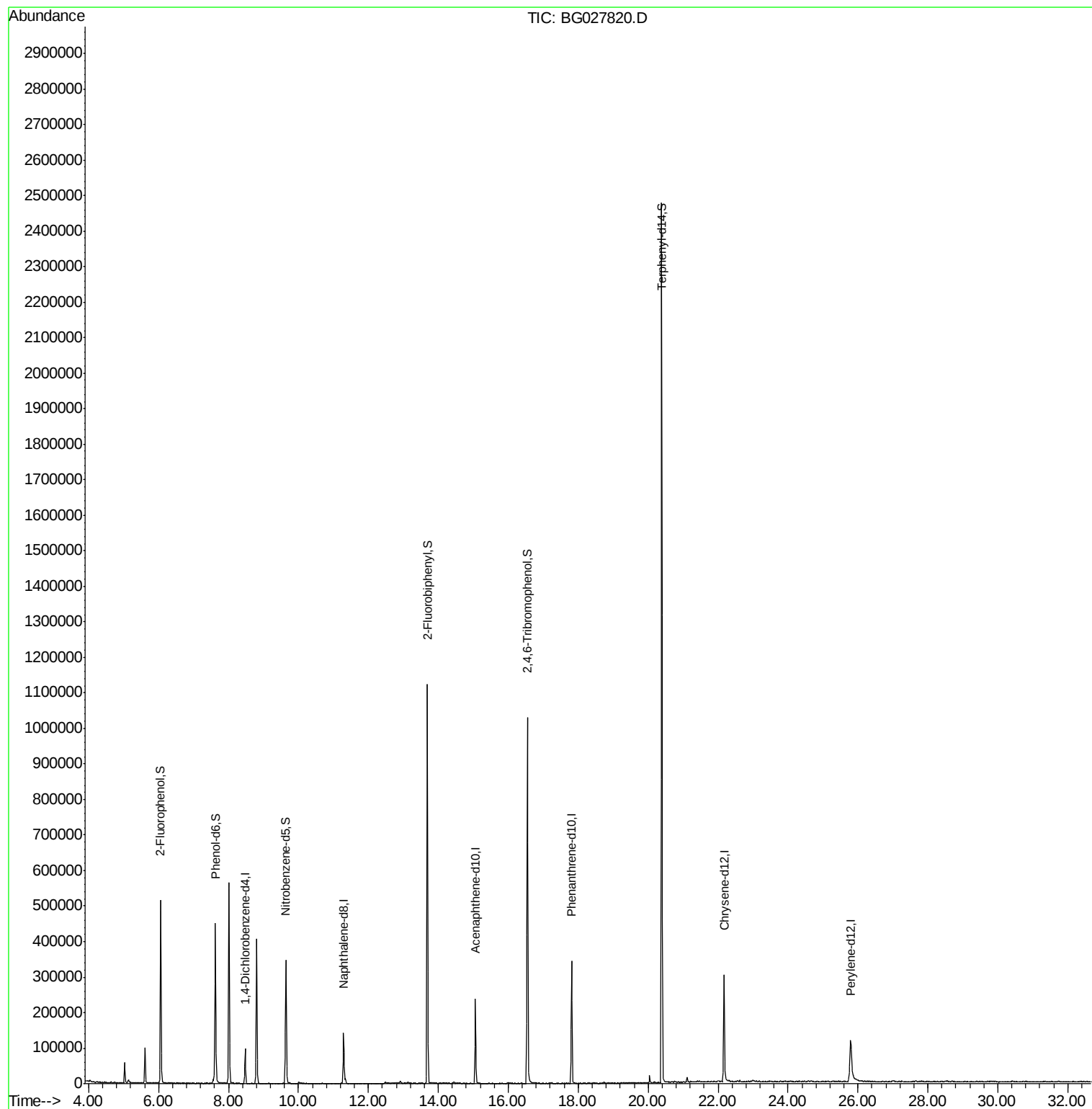
Target Compounds	Qvalue
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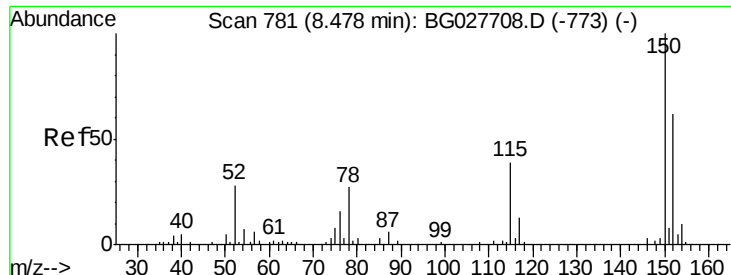
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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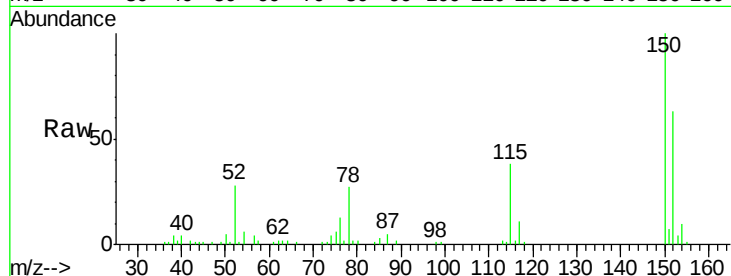




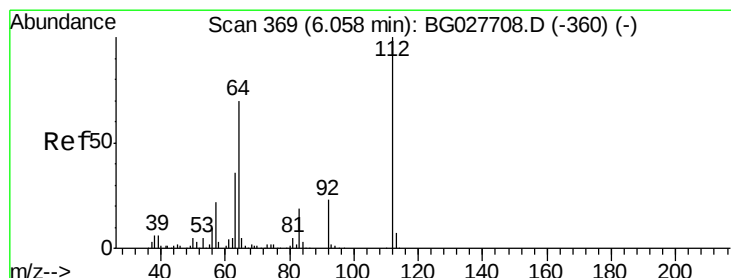
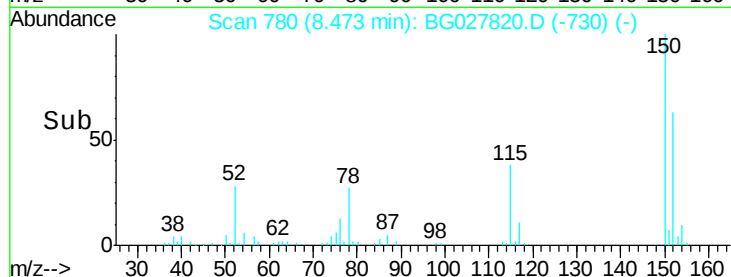
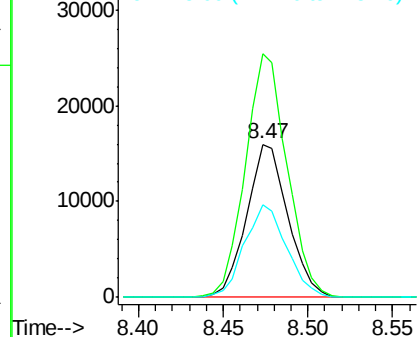
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.47 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BG027820.D
 Acq: 2 Jul 2017 15:53

Instrument :
 BNA_G
 ClientSampleId :
 OILY-DRUM-COMP

Tgt Ion:152 Resp: 27156
 Ion Ratio Lower Upper
 152 100
 150 159.2 114.0 171.0
 115 60.2 48.1 72.1

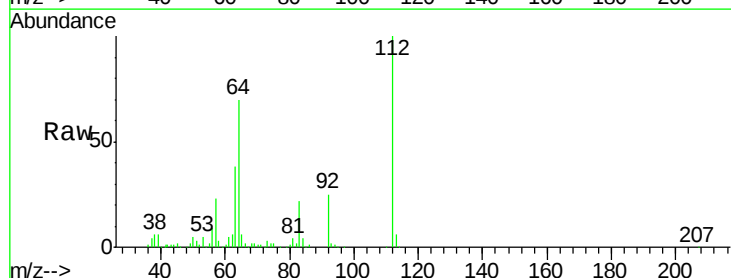


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

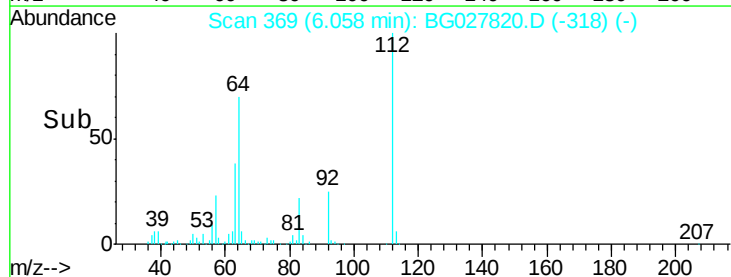
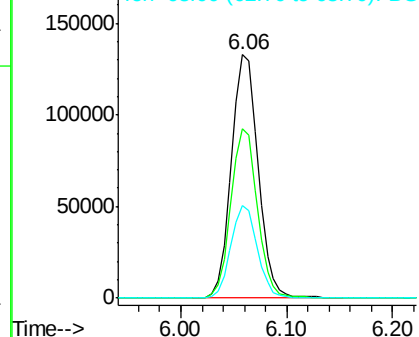


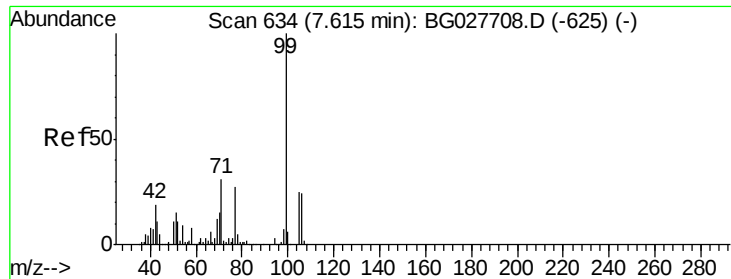
#5
 2-Fluorophenol
 Concen: 131.980 ng
 RT: 6.06 min Scan# 369
 Delta R.T. 0.00 min
 Lab File: BG027820.D
 Acq: 2 Jul 2017 15:53

Tgt Ion:112 Resp: 232744
 Ion Ratio Lower Upper
 112 100
 64 69.8 61.8 92.6
 63 38.2 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: 103.721 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.01 min

Lab File: BG027820.D

Acq: 2 Jul 2017 15:53

Instrument :

BNA_G

ClientSampleId :

OILY-DRUM-COMP

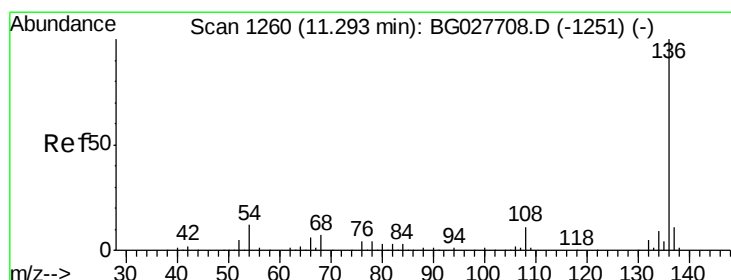
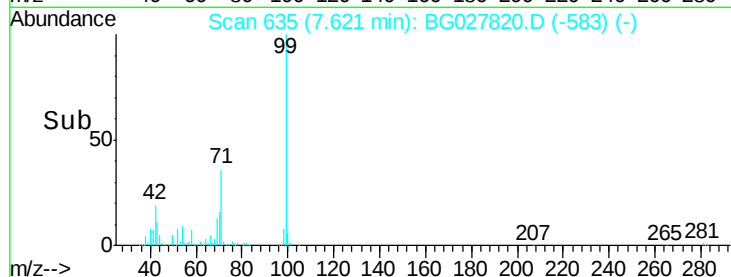
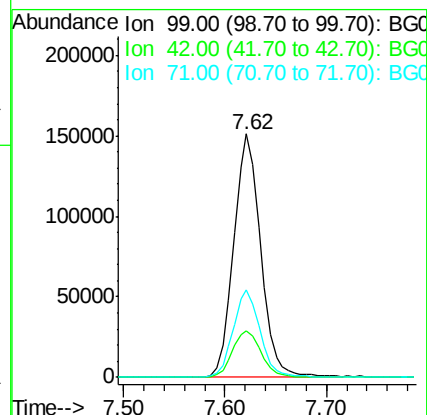
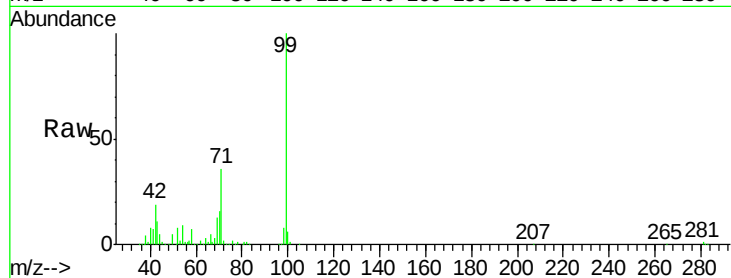
Tgt Ion: 99 Resp: 279430

Ion Ratio Lower Upper

99 100

42 19.4 20.5 30.7#

71 35.7 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.29 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG027820.D

Acq: 2 Jul 2017 15:53

Tgt Ion: 136 Resp: 132868

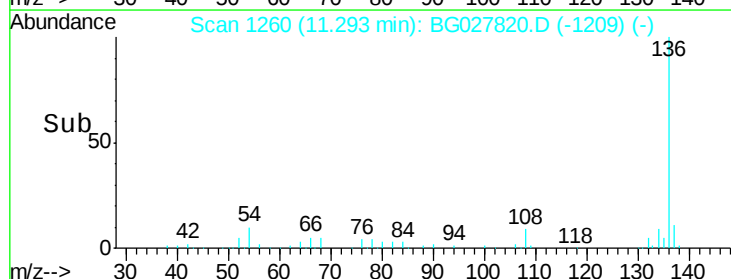
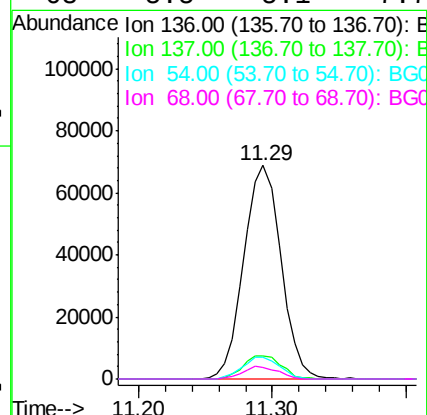
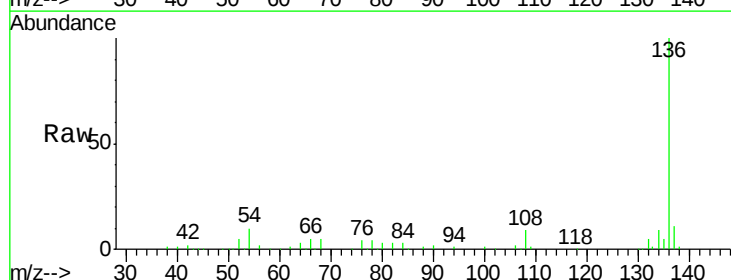
Ion Ratio Lower Upper

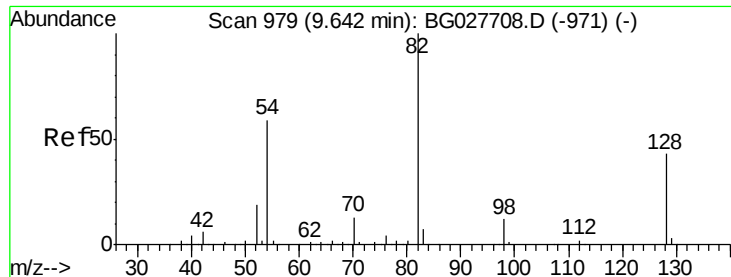
136 100

137 10.9 8.9 13.3

54 10.2 9.3 13.9

68 5.5 5.1 7.7

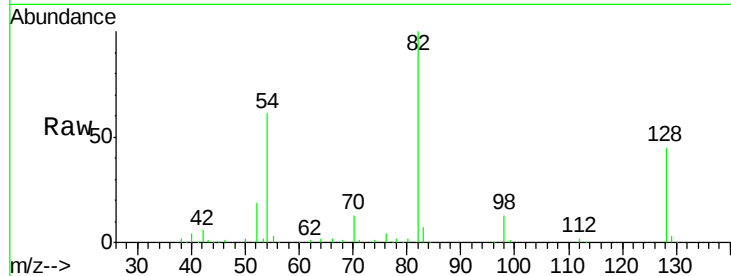




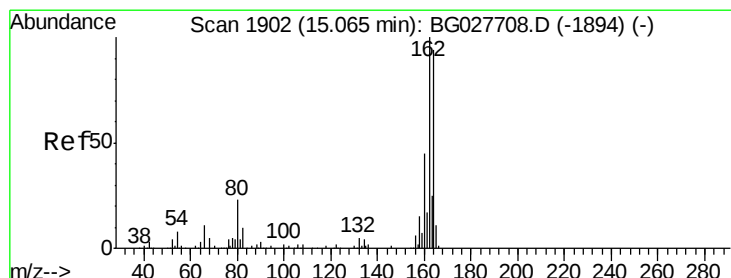
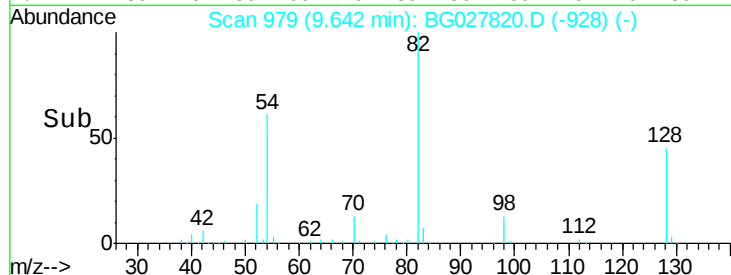
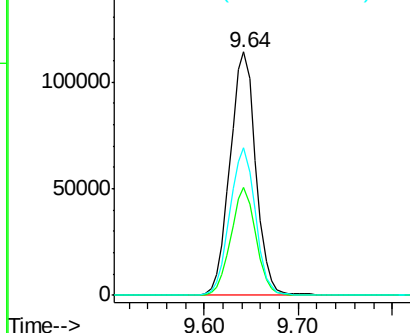
#23
 Nitrobenzene-d5
 Concen: 91.017 ng
 RT: 9.64 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BG027820.D
 Acq: 2 Jul 2017 15:53

Instrument :
 BNA_G
 ClientSampleId :
 OILY-DRUM-COMP

Tgt Ion: 82 Resp: 216954
 Ion Ratio Lower Upper
 82 100
 128 44.5 26.4 39.6#
 54 60.6 49.4 74.2

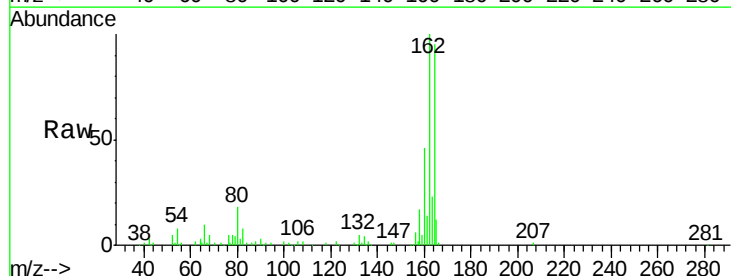


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

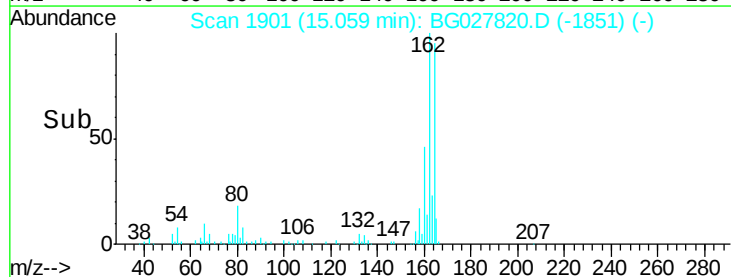
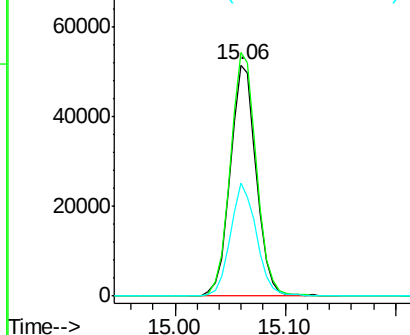


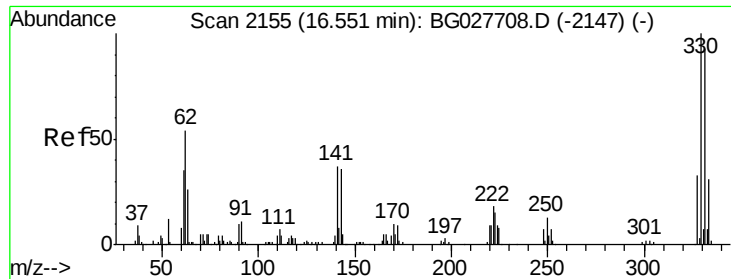
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.06 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG027820.D
 Acq: 2 Jul 2017 15:53

Tgt Ion: 164 Resp: 84783
 Ion Ratio Lower Upper
 164 100
 162 105.2 85.1 127.7
 160 48.7 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

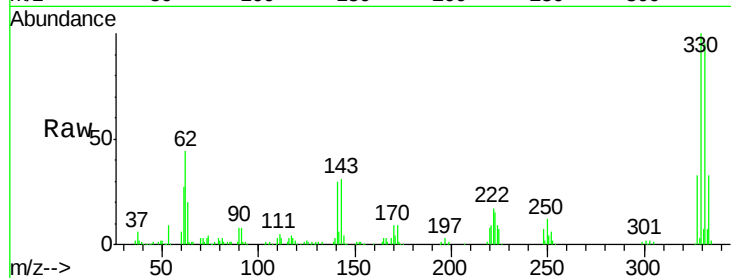




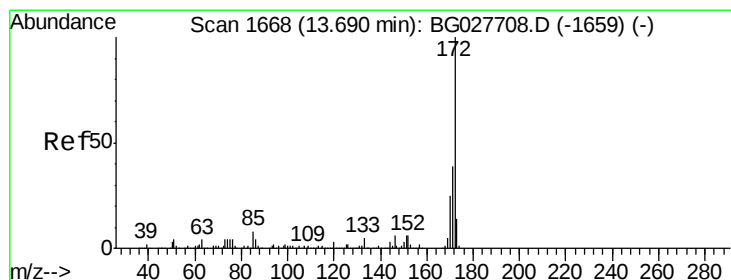
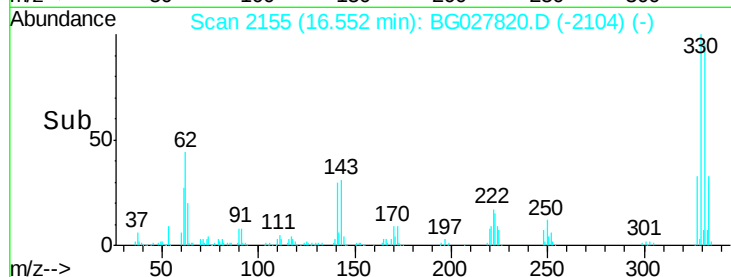
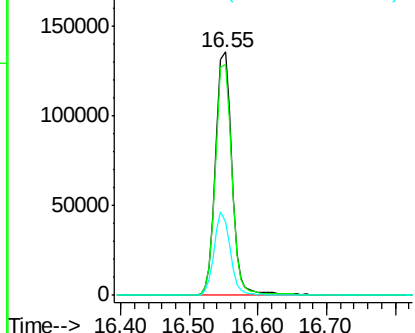
#41
 2,4,6-Tribromophenol
 Concen: 193.253 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG027820.D
 Acq: 2 Jul 2017 15:53

Instrument :
 BNA_G
 ClientSampleId :
 OILY-DRUM-COMP

Tgt Ion:330 Resp: 224732
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.3 115.9
 141 33.6 32.1 48.1

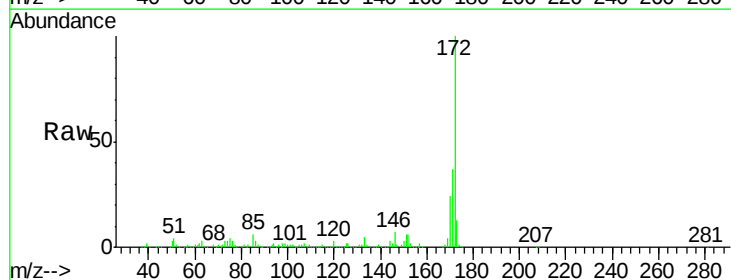


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

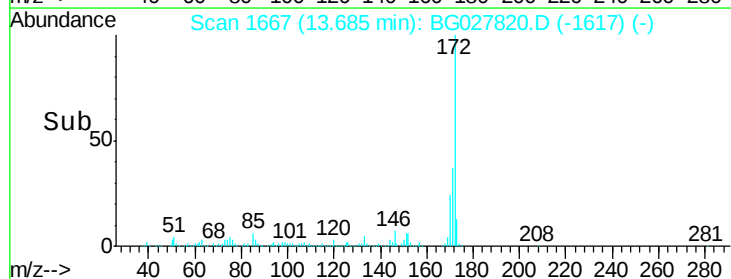
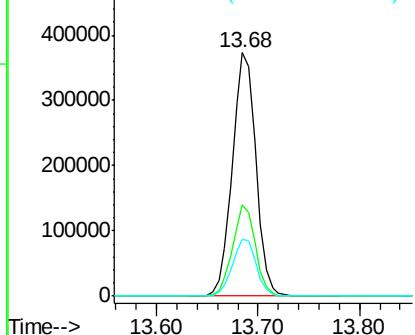


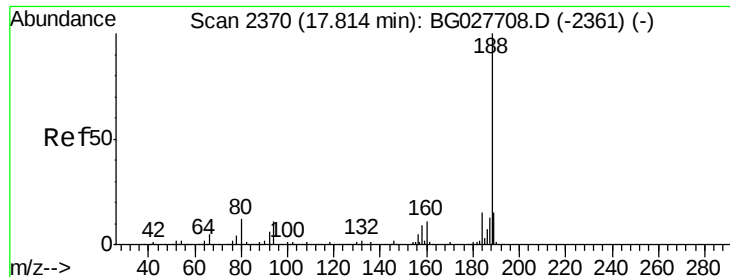
#44
 2-Fluorobiphenyl
 Concen: 101.350 ng
 RT: 13.68 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG027820.D
 Acq: 2 Jul 2017 15:53

Tgt Ion:172 Resp: 601662
 Ion Ratio Lower Upper
 172 100
 171 37.3 32.2 48.2
 170 23.5 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

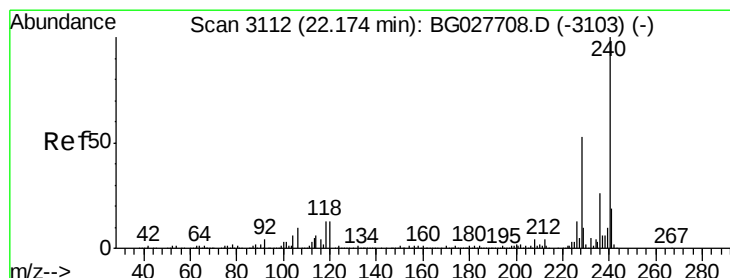
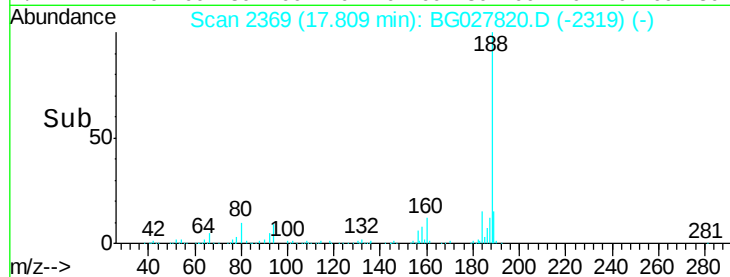
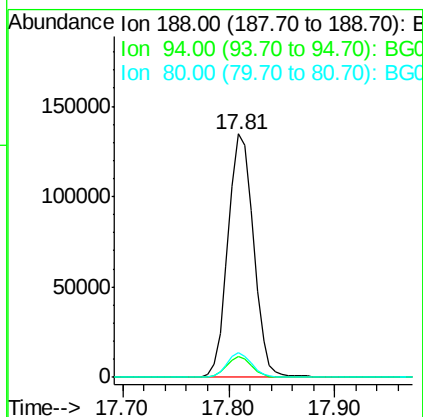
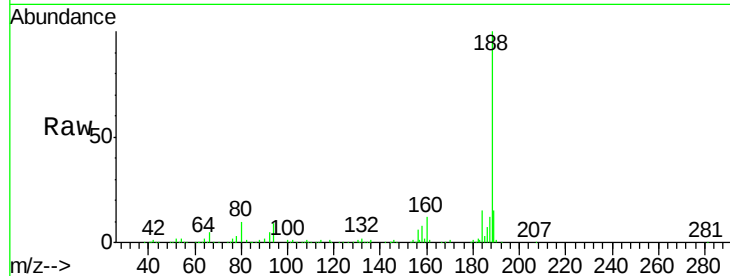




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.81 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BG027820.D
Acq: 2 Jul 2017 15:53

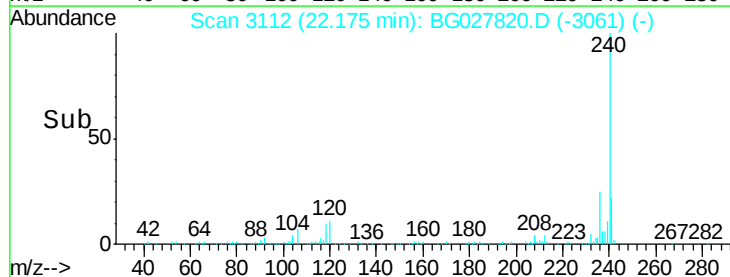
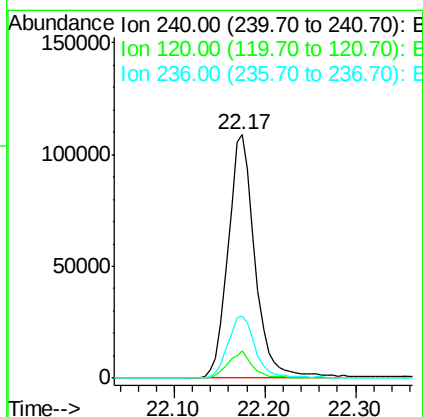
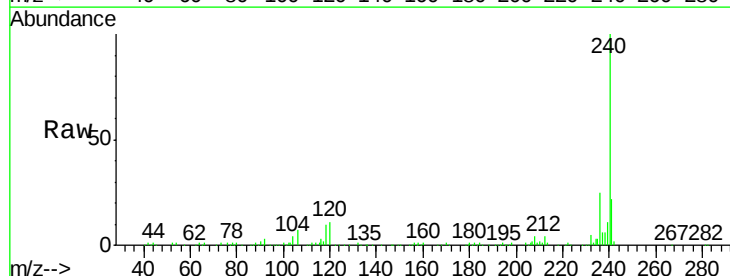
Instrument :
BNA_G
ClientSampleId :
OILY-DRUM-COMP

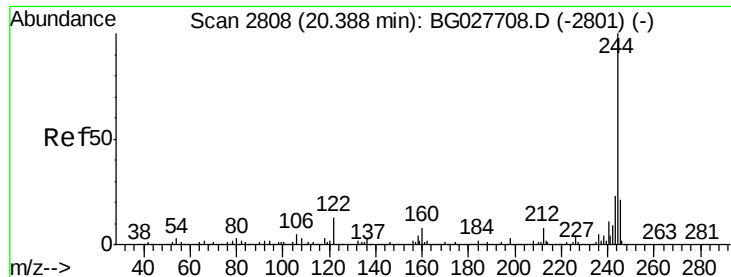
Tgt Ion:188 Resp: 226421
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.8
80 10.0 7.5 11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.17 min Scan# 3112
Delta R.T. 0.00 min
Lab File: BG027820.D
Acq: 2 Jul 2017 15:53

Tgt Ion:240 Resp: 225675
Ion Ratio Lower Upper
240 100
120 11.2 5.7 8.5#
236 25.5 22.2 33.4





#78

Terphenyl-d14

Concen: 119.315 ng

RT: 20.39 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG027820.D

Acq: 2 Jul 2017 15:53

Instrument :

BNA_G

ClientSampleId :

OILY-DRUM-COMP

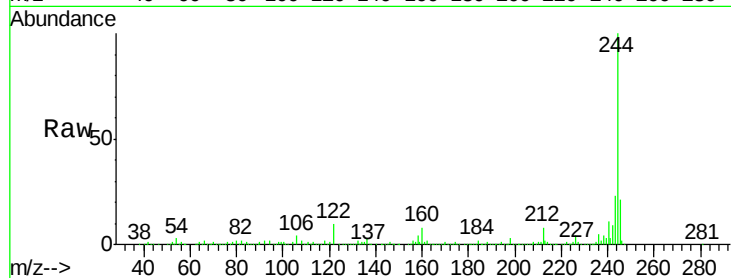
Tgt Ion:244 Resp: 1148554

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

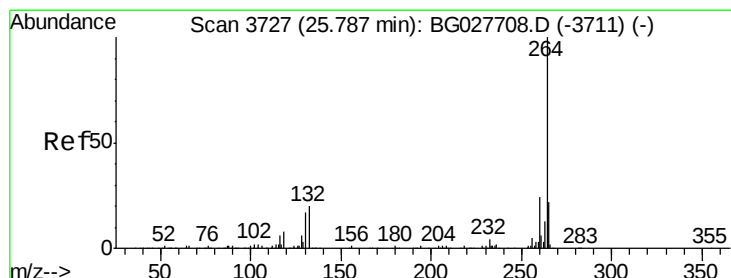
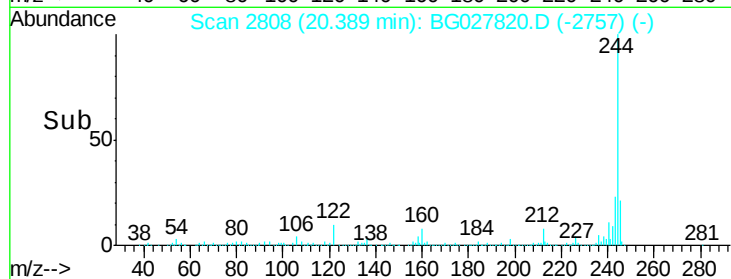
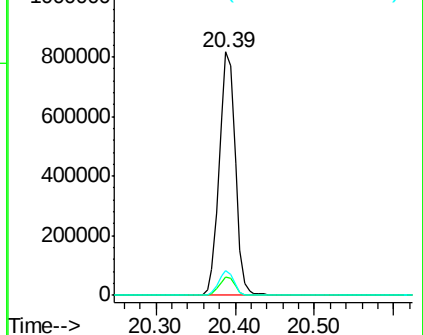
122 10.4 8.6 12.8



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: 25.79 min Scan# 3728

Delta R.T. 0.01 min

Lab File: BG027820.D

Acq: 2 Jul 2017 15:53

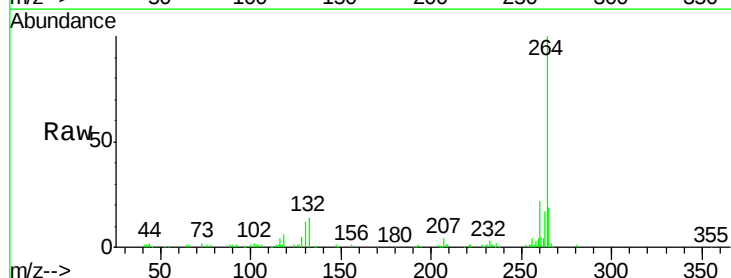
Tgt Ion:264 Resp: 184000

Ion Ratio Lower Upper

264 100

260 22.3 21.8 32.8

265 19.4 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

