

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070217\
 Data File : BG027827.D
 Acq On : 2 Jul 2017 20:31
 Operator : SJ/JU
 Sample : I4031-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-063017

Quant Time: Jul 03 08:08:44 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

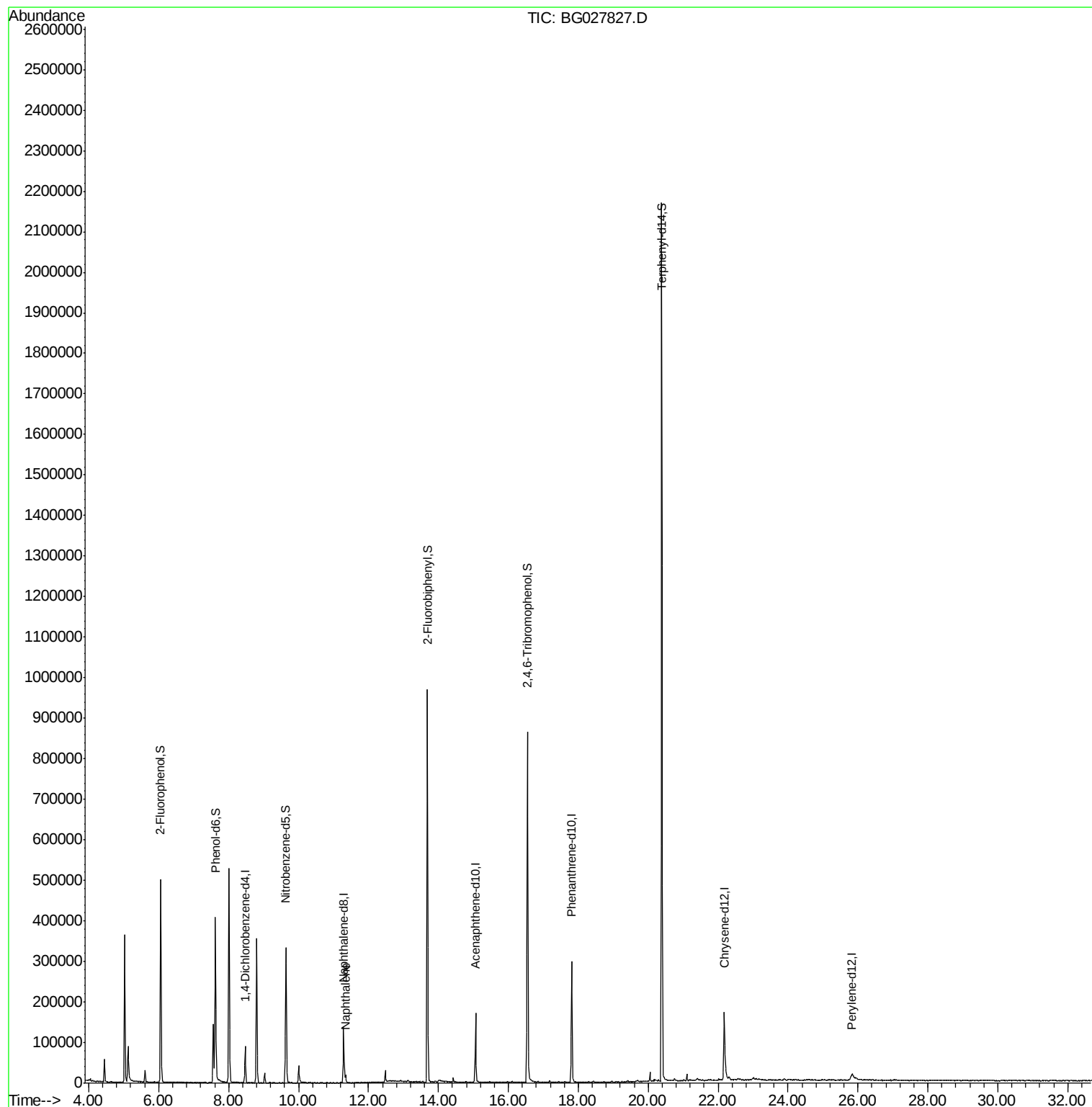
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	26374	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	122580	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	56630	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	196112	20.00	ng	0.00
75) Chrysene-d12	22.18	240	155351	20.00	ng	0.00
86) Perylene-d12	25.83	264	20248	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	221480	129.32	ng	0.00
7) Phenol-d6	7.62	99	234130	89.48	ng	0.00
23) Nitrobenzene-d5	9.64	82	201548	91.65	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	194400	250.28	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	518898	130.86	ng	0.00
78) Terphenyl-d14	20.39	244	992614	149.79	ng	0.00
Target Compounds						
31) Naphthalene	11.34	128	18010	2.763	ng	Qvalue 97

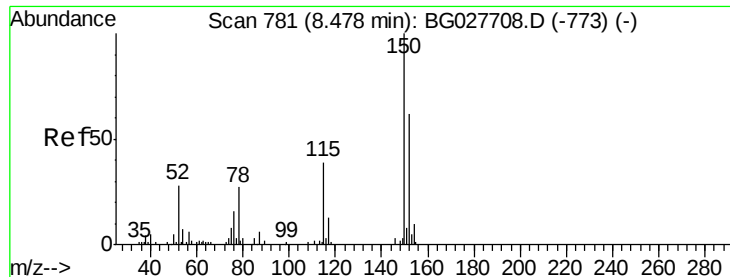
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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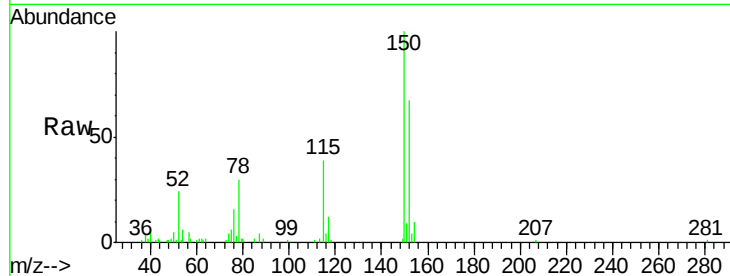


#1

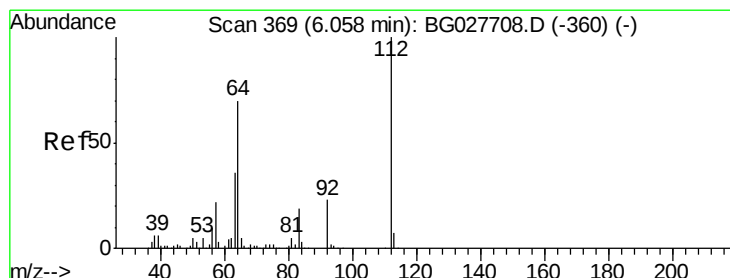
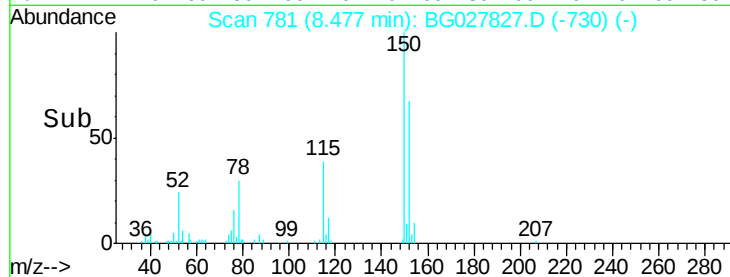
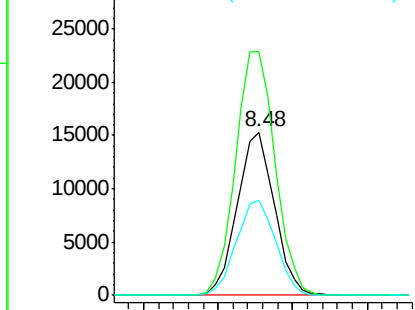
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027827.D
Acq: 2 Jul 2017 20:31

Instrument :
BNA_G
ClientSampleId :
OR-02-063017

Tgt Ion:152 Resp: 26374
Ion Ratio Lower Upper
152 100
150 149.0 114.0 171.0
115 58.4 48.1 72.1



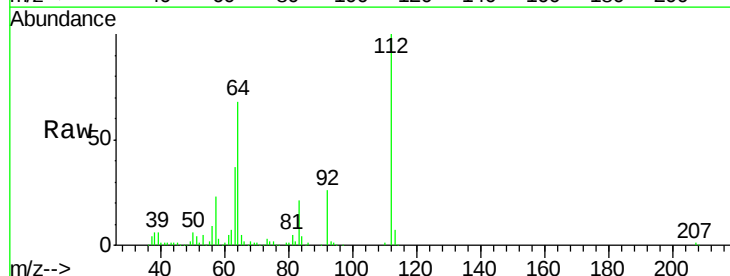
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



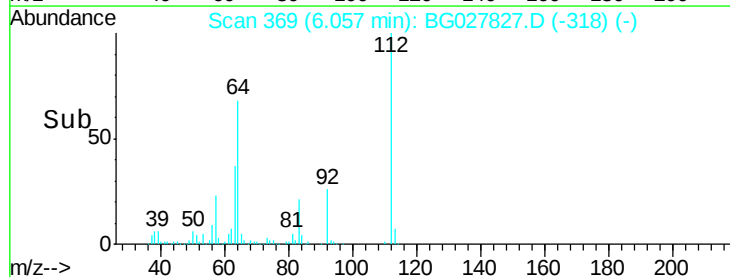
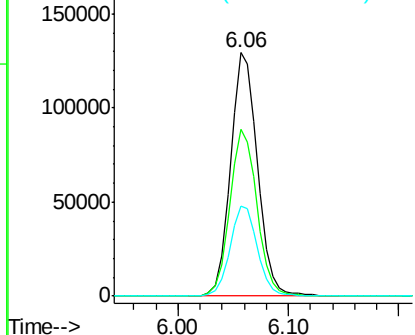
#5

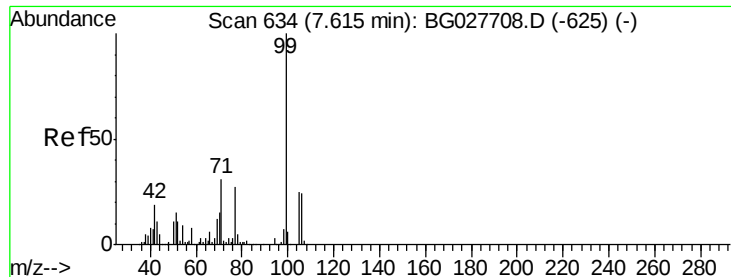
2-Fluorophenol
Concen: 129.316 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027827.D
Acq: 2 Jul 2017 20:31

Tgt Ion:112 Resp: 221480
Ion Ratio Lower Upper
112 100
64 68.4 61.8 92.6
63 37.1 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: 89.483 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027827.D

Acq: 2 Jul 2017 20:31

Instrument :

BNA_G

ClientSampleId :

OR-02-063017

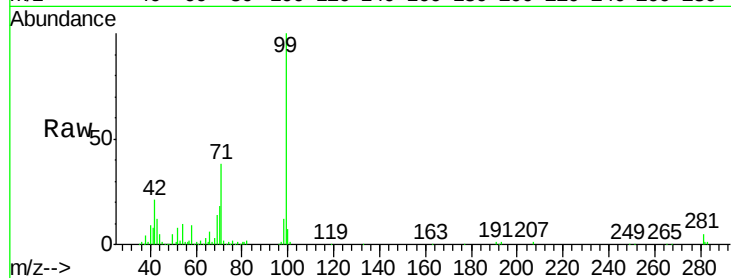
Tgt Ion: 99 Resp: 234130

Ion Ratio Lower Upper

99 100

42 21.0 20.5 30.7

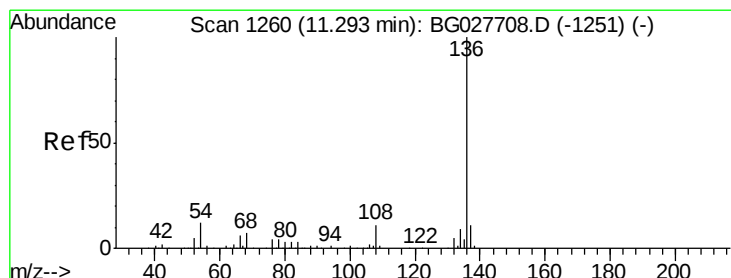
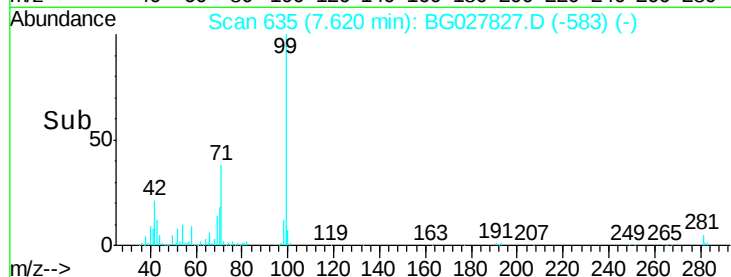
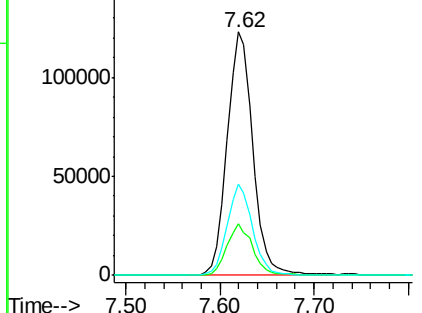
71 37.7 37.6 56.4



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: 11.29 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG027827.D

Acq: 2 Jul 2017 20:31

Tgt Ion: 136 Resp: 122580

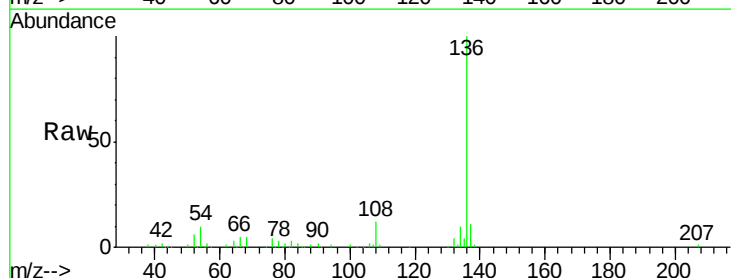
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.2 9.3 13.9

68 4.8 5.1 7.7#

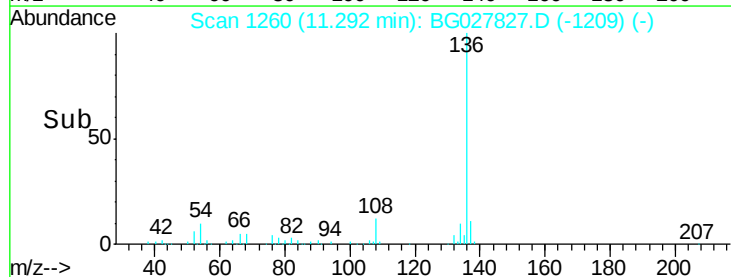
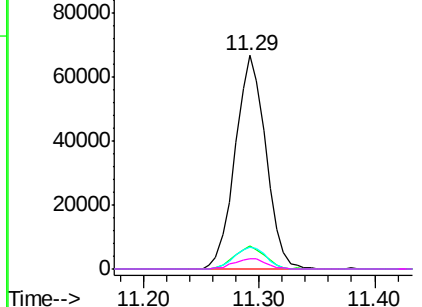


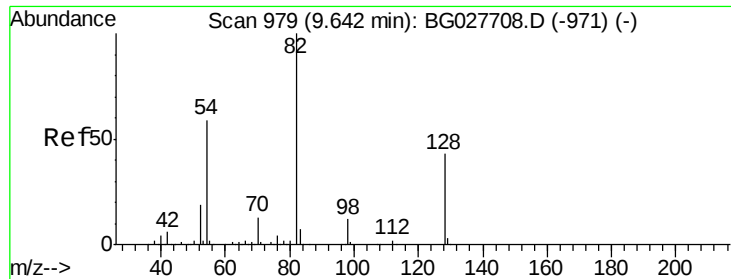
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

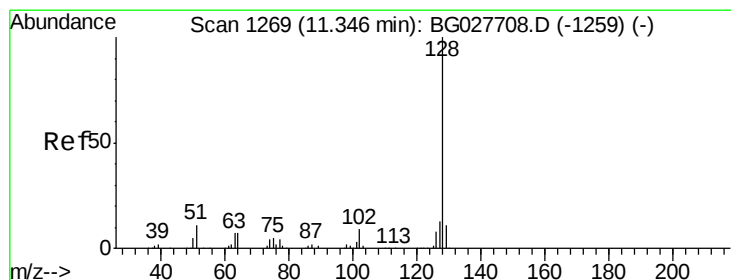
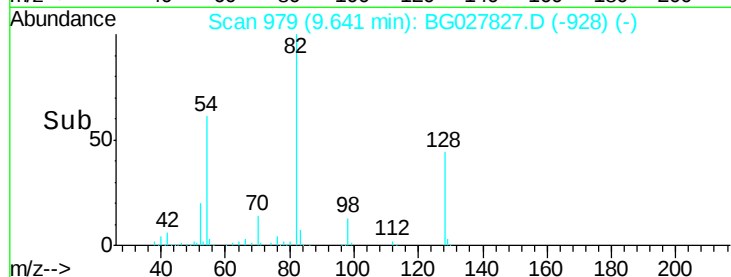
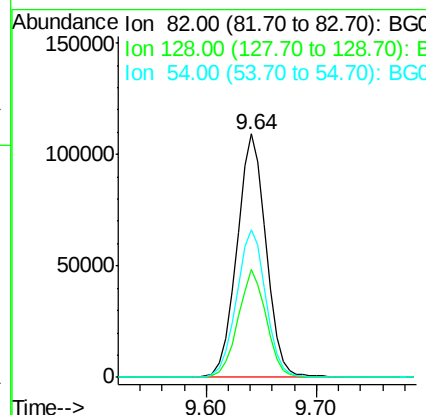
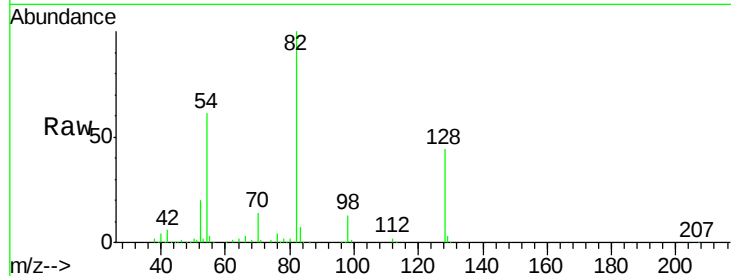




#23
Nitrobenzene-d5
Concen: 91.650 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027827.D
Acq: 2 Jul 2017 20:31

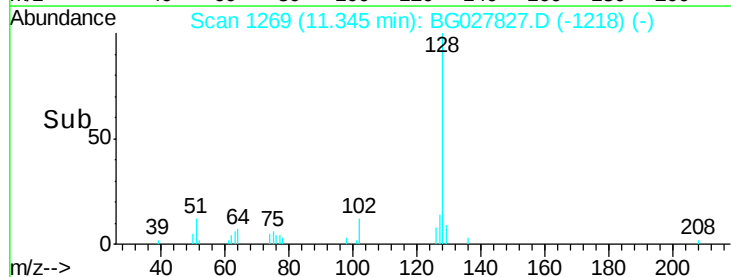
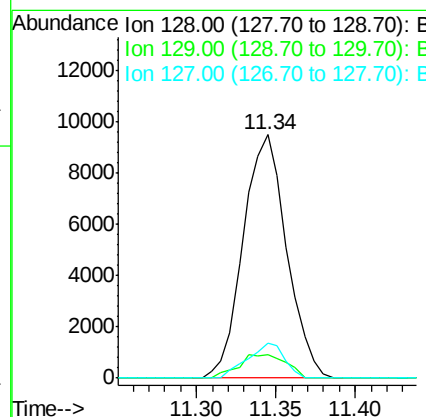
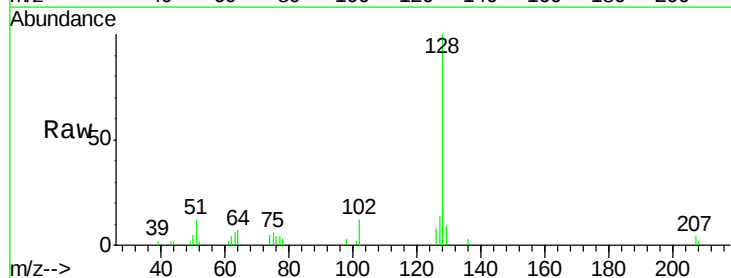
Instrument :
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OR-02-063017

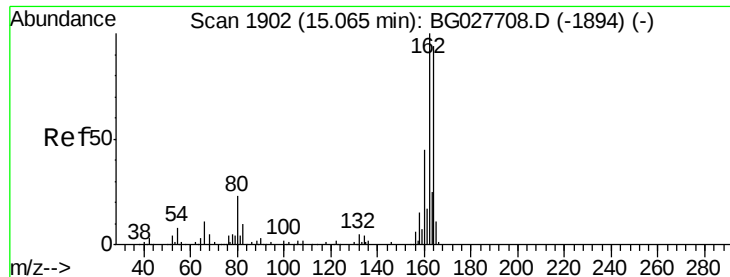
Tgt Ion: 82 Resp: 201548
Ion Ratio Lower Upper
82 100
128 44.2 26.4 39.6#
54 60.5 49.4 74.2



#31
Naphthalene
Concen: 2.763 ng
RT: 11.34 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BG027827.D
Acq: 2 Jul 2017 20:31

Tgt Ion: 128 Resp: 18010
Ion Ratio Lower Upper
128 100
129 9.4 9.3 13.9
127 14.3 11.4 17.0

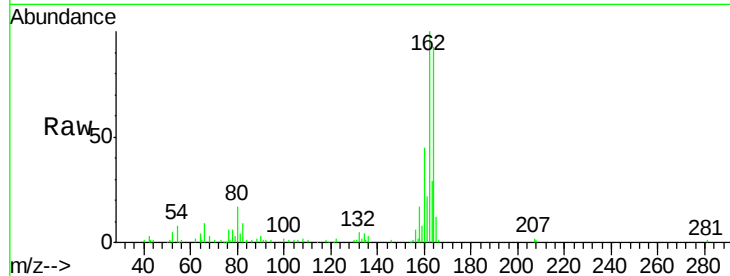




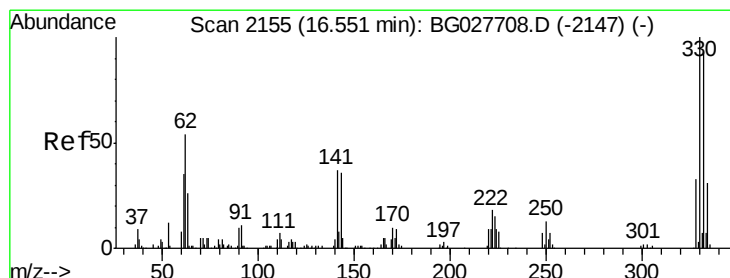
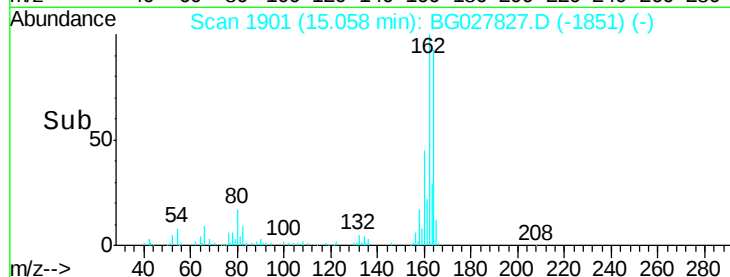
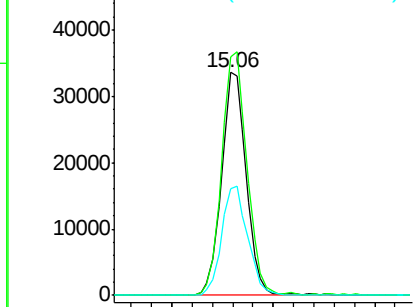
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.06 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG027827.D
 Acq: 2 Jul 2017 20:31

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-063017

Tgt Ion:164 Resp: 56630
 Ion Ratio Lower Upper
 164 100
 162 107.1 85.1 127.7
 160 47.7 34.7 52.1

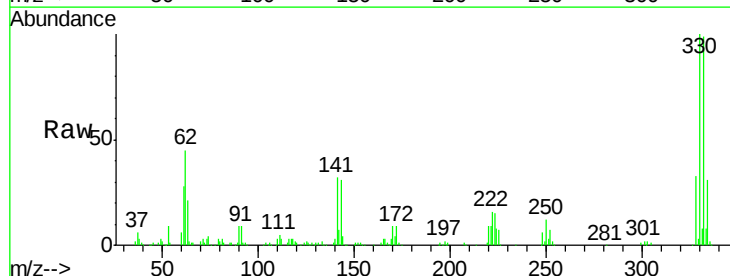


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

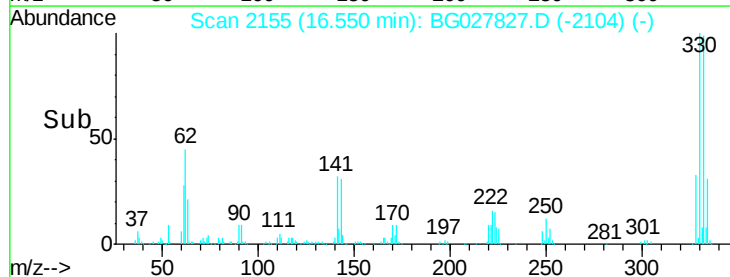
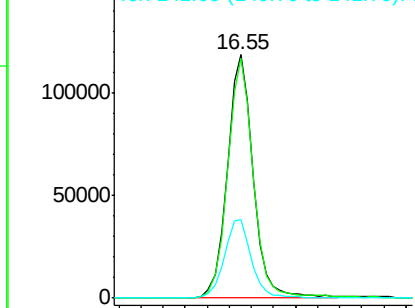


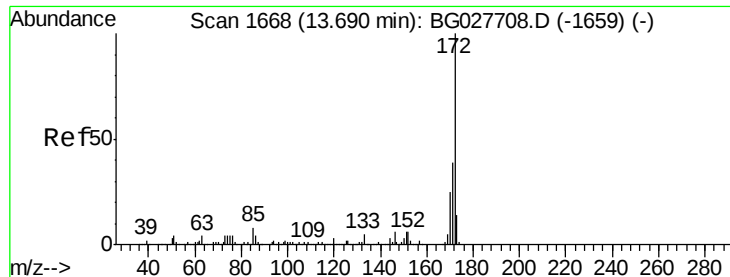
#41
 2,4,6-Tribromophenol
 Concen: 250.276 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027827.D
 Acq: 2 Jul 2017 20:31

Tgt Ion:330 Resp: 194400
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.3 115.9
 141 34.0 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

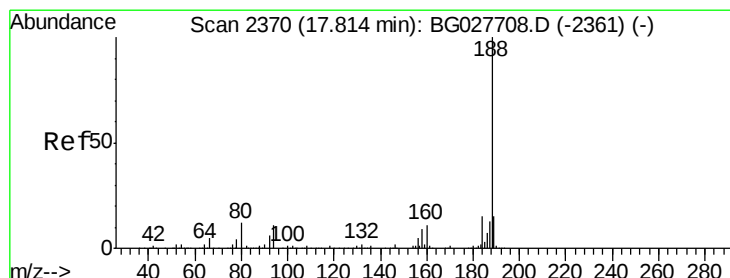
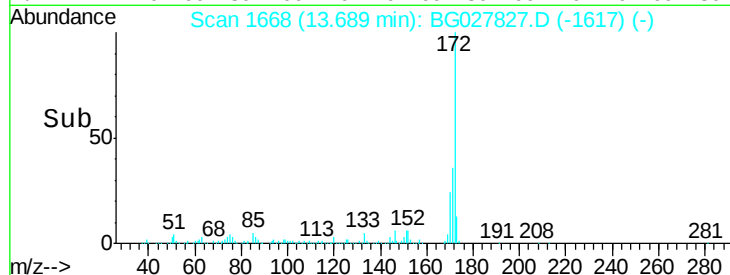
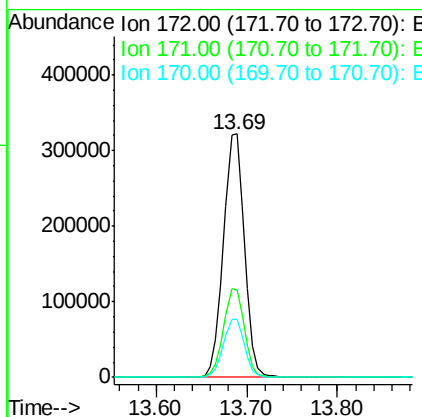
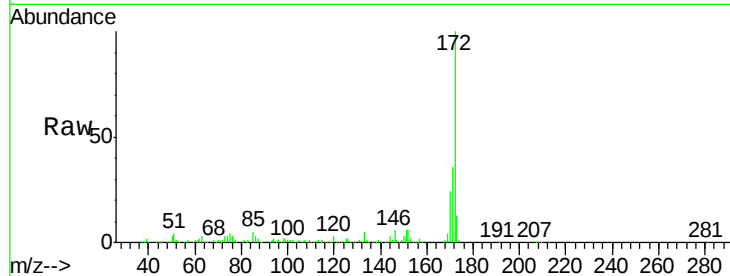




#44
 2-Fluorobiphenyl
 Concen: 130.862 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027827.D
 Acq: 2 Jul 2017 20:31

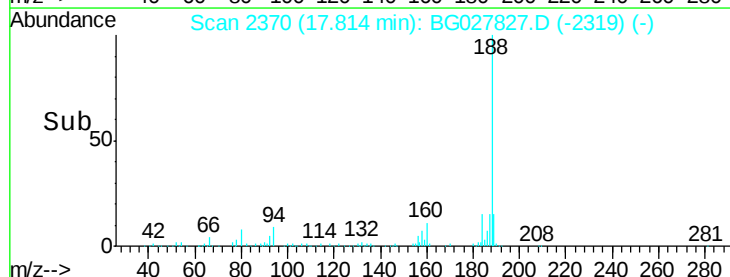
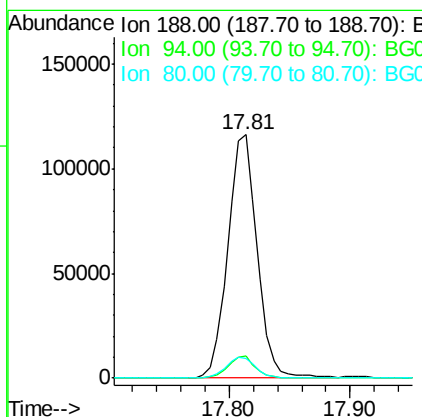
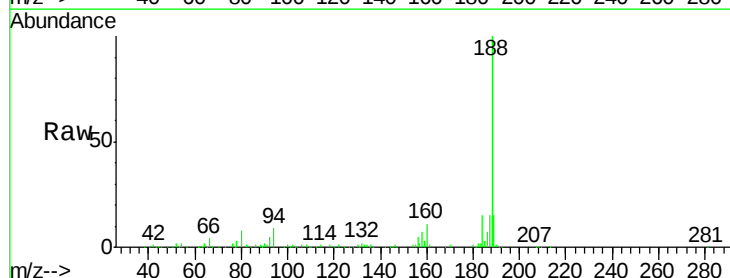
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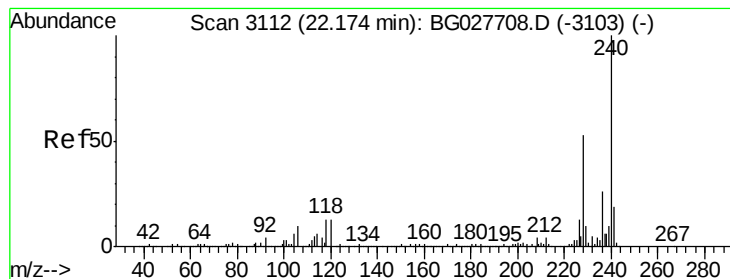
Tgt Ion:172 Resp: 518898
 Ion Ratio Lower Upper
 172 100
 171 36.0 32.2 48.2
 170 23.7 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.81 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: BG027827.D
 Acq: 2 Jul 2017 20:31

Tgt Ion:188 Resp: 196112
 Ion Ratio Lower Upper
 188 100
 94 9.0 5.8 8.8#
 80 8.3 7.5 11.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.18 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BG027827.D

Acq: 2 Jul 2017 20:31

Instrument :

BNA_G

ClientSampleId :

OR-02-063017

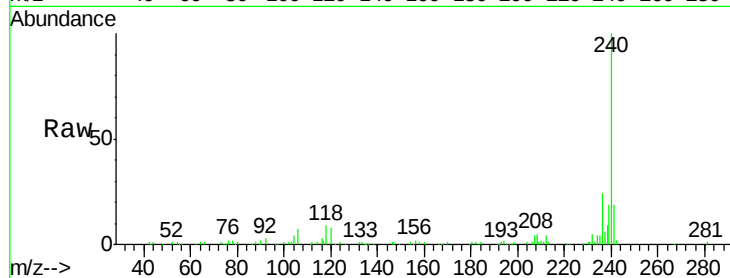
Tgt Ion:240 Resp: 155351

Ion Ratio Lower Upper

240 100

120 8.3 5.7 8.5

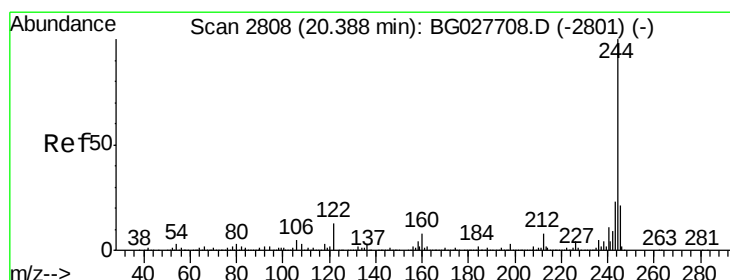
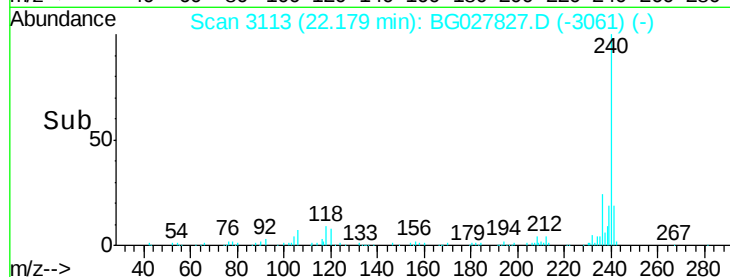
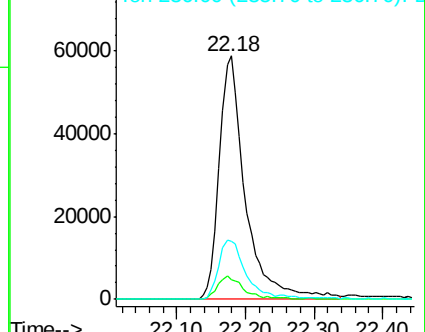
236 23.8 22.2 33.4



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: 149.793 ng

RT: 20.39 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG027827.D

Acq: 2 Jul 2017 20:31

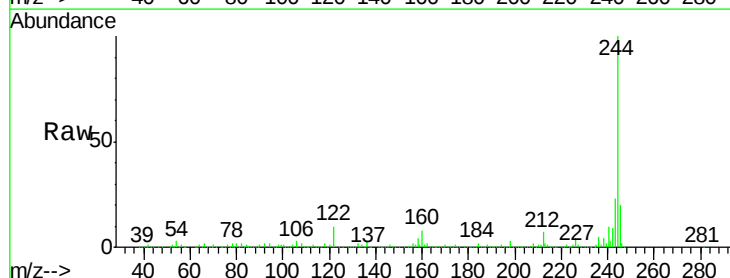
Tgt Ion:244 Resp: 992614

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

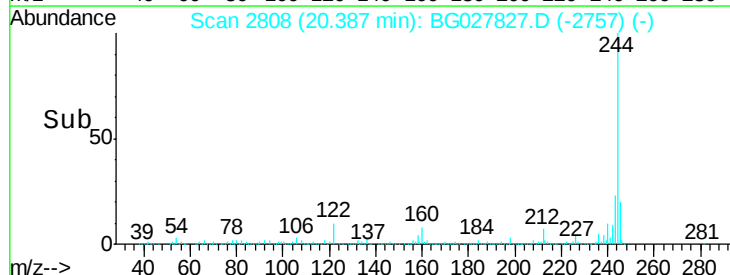
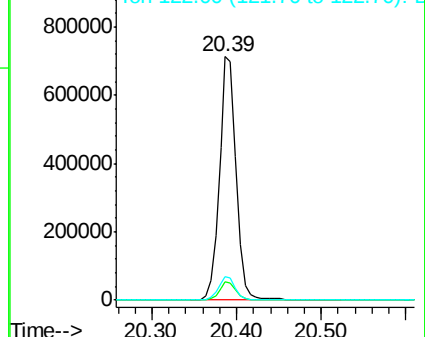
122 9.9 8.6 12.8

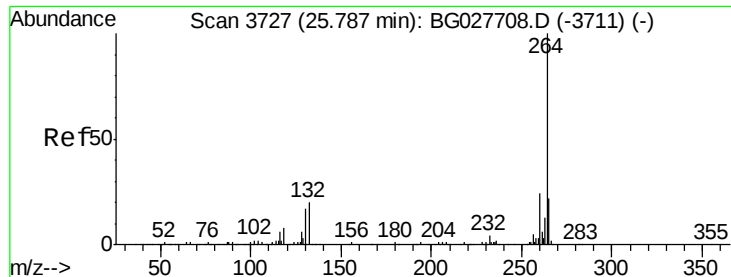


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.83 min Scan# 3735
Delta R.T. 0.05 min
Lab File: BG027827.D
Acq: 2 Jul 2017 20:31

Instrument :
BNA_G
ClientSampleId :
OR-02-063017

Tgt Ion: 264 Resp: 20248
Ion Ratio Lower Upper
264 100
260 28.9 21.8 32.8
265 17.2 18.2 27.4#

