

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027277.D
 Acq On : 7 Jun 2017 10:48
 Operator : SJ/MA
 Sample : I3478-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 155-COMP

Quant Time: Jun 07 12:13:48 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	53178	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	248241	20.00	ng	-0.02
38) Acenaphthene-d10	15.15	164	161757	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	385345	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	435089	20.00	ng	-0.03
86) Perylene-d12	25.97	264	400147	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	483316	138.69	ng	-0.01
7) Phenol-d6	7.70	99	623722	121.93	ng	0.00
23) Nitrobenzene-d5	9.72	82	410079	103.89	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	323555	151.90	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	1022881	88.47	ng	-0.02
78) Terphenyl-d14	20.47	244	1602026	93.93	ng	-0.02

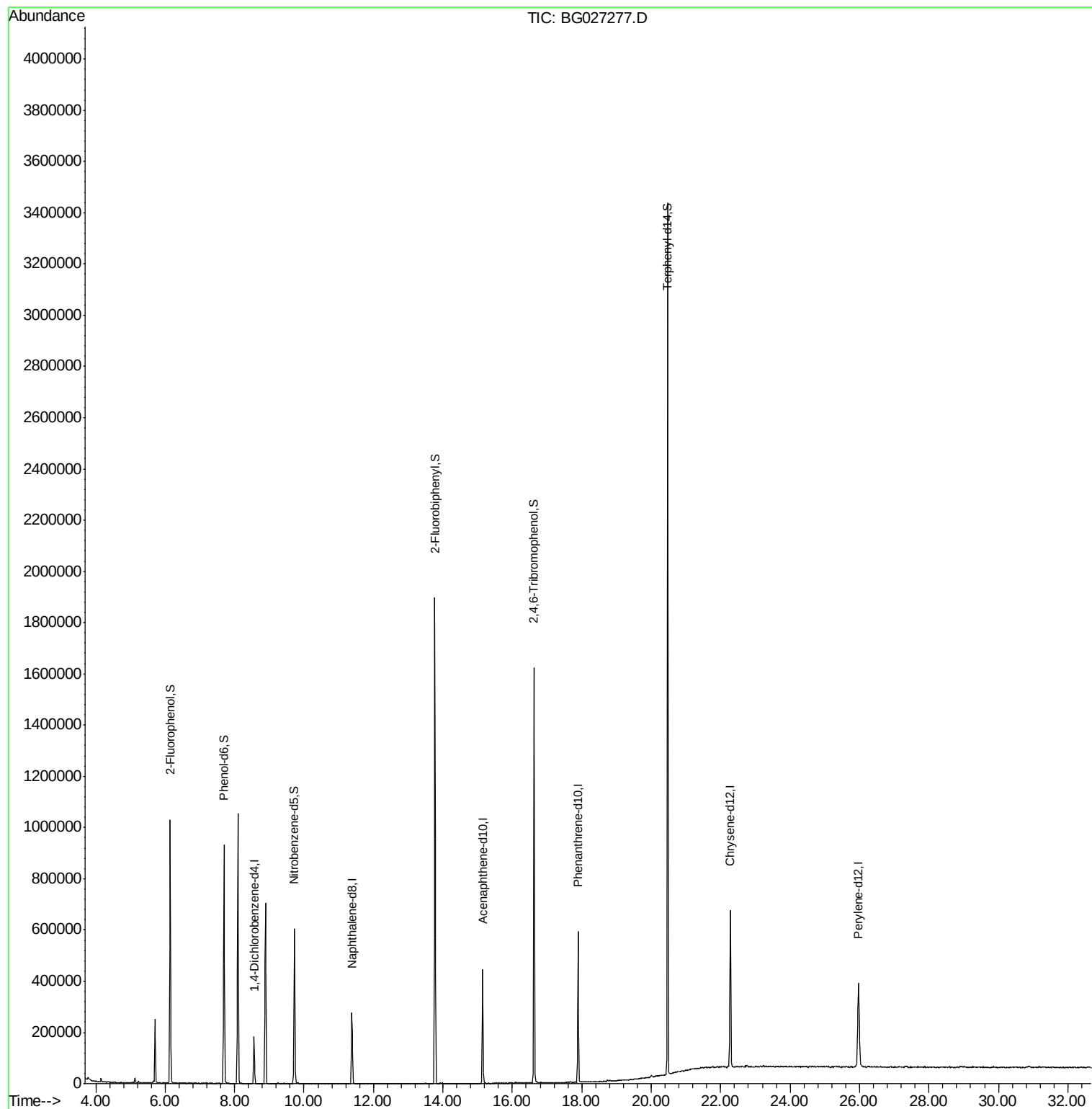
Target Compounds	Qvalue
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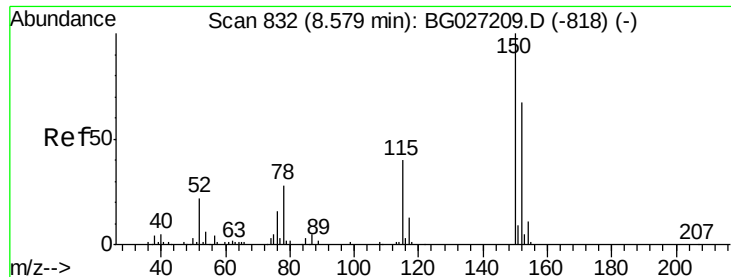
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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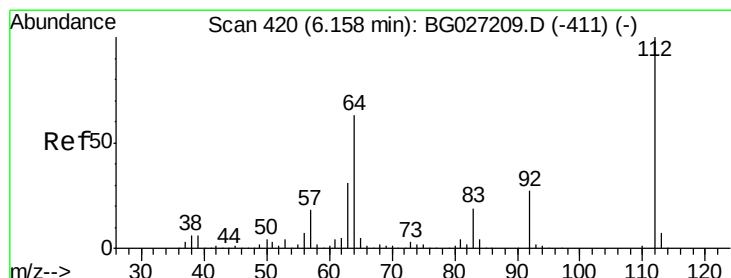
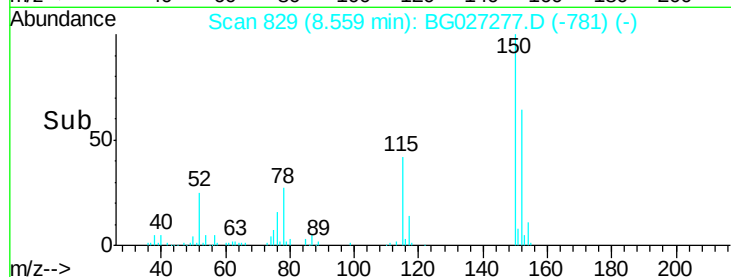
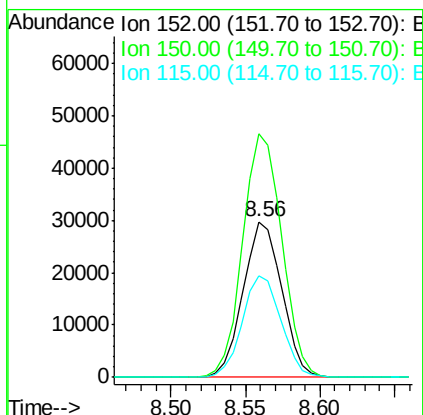
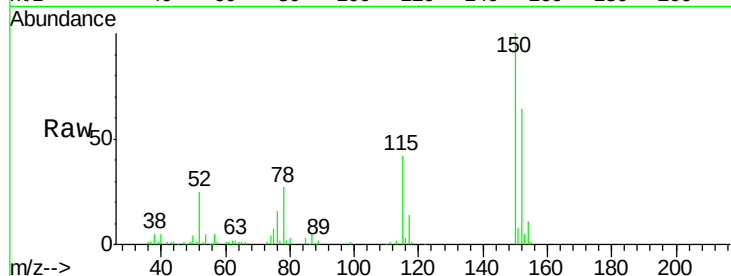


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027277.D
Acq: 7 Jun 2017 10:48

Instrument :
BNA_G
ClientSampleId :
155-COMP

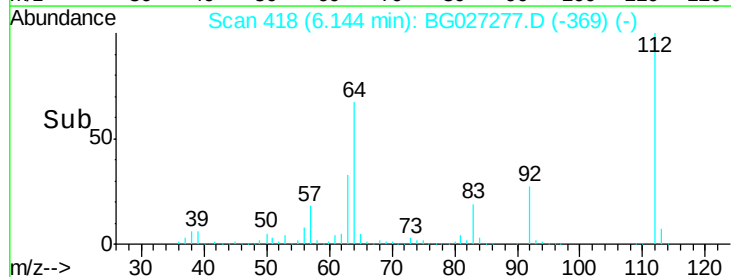
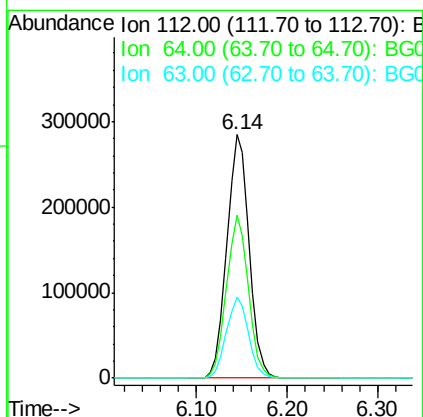
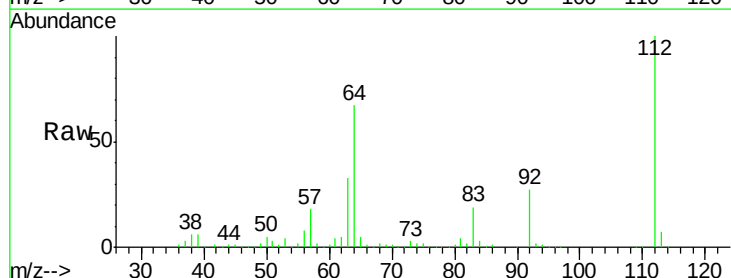
Tgt Ion:152 Resp: 53178
Ion Ratio Lower Upper
152 100
150 156.7 114.0 171.0
115 65.6 48.1 72.1

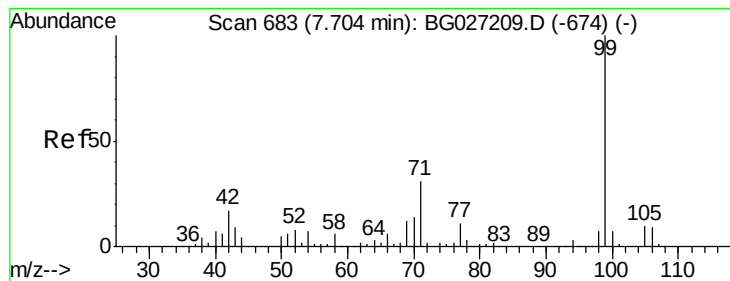


#5

2-Fluorophenol
Concen: 138.690 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027277.D
Acq: 7 Jun 2017 10:48

Tgt Ion:112 Resp: 483316
Ion Ratio Lower Upper
112 100
64 66.7 61.8 92.6
63 33.5 37.2 55.8#





#7

Phenol-d6

Concen: 121.930 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027277.D

Acq: 7 Jun 2017 10:48

Instrument :

BNA_G

ClientSampleId :

155-COMP

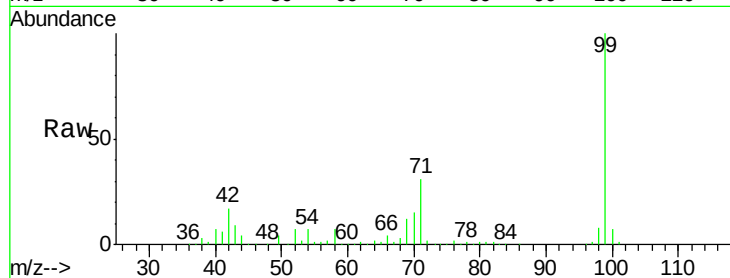
Tgt Ion: 99 Resp: 623722

Ion Ratio Lower Upper

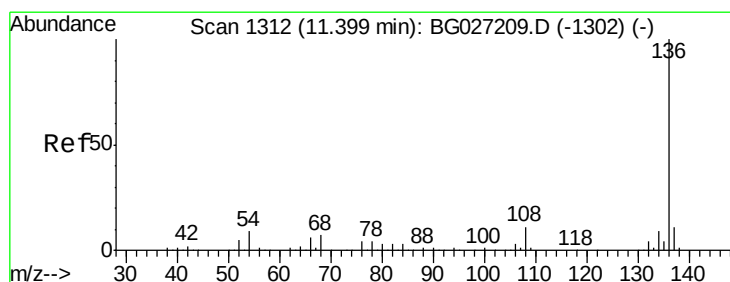
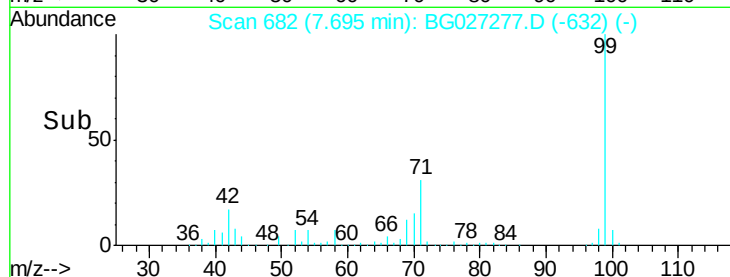
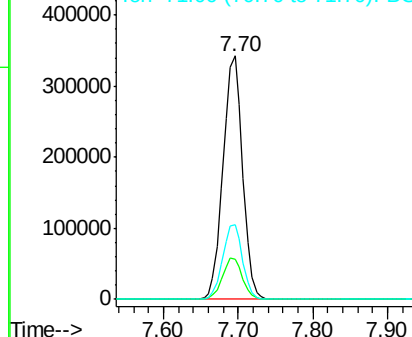
99 100

42 16.6 20.5 30.7#

71 30.7 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: 11.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BG027277.D

Acq: 7 Jun 2017 10:48

Tgt Ion: 136 Resp: 248241

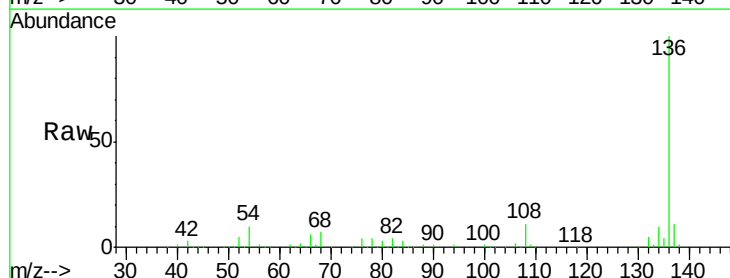
Ion Ratio Lower Upper

136 100

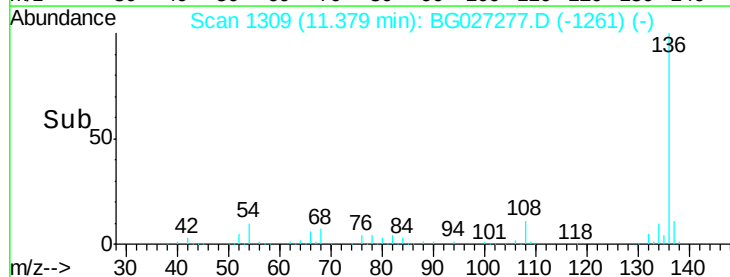
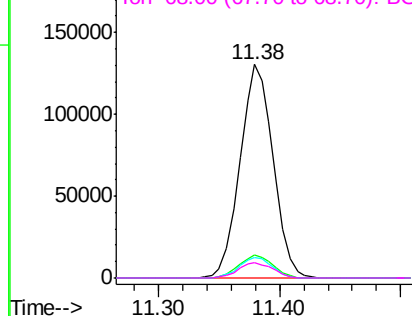
137 11.1 8.9 13.3

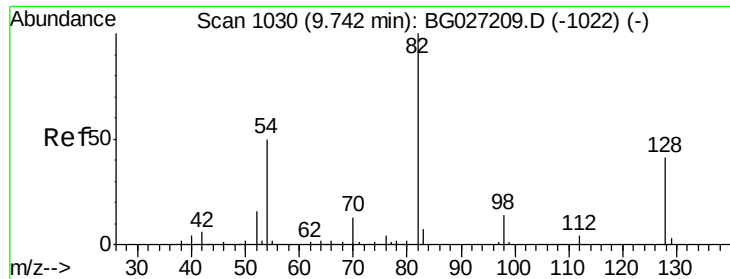
54 9.9 9.3 13.9

68 7.3 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

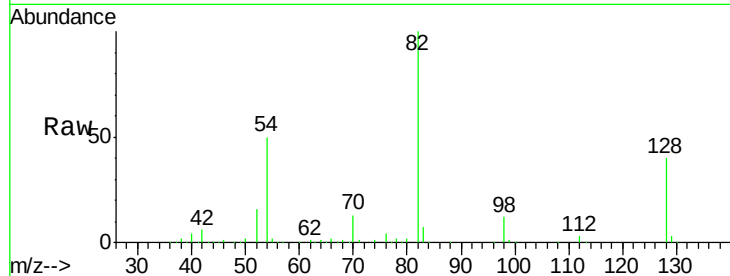




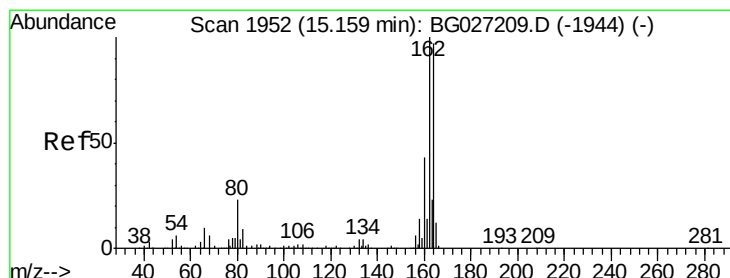
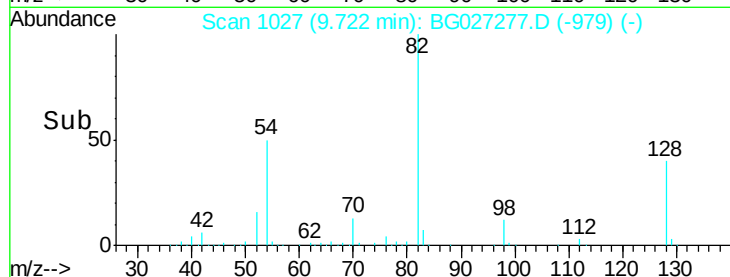
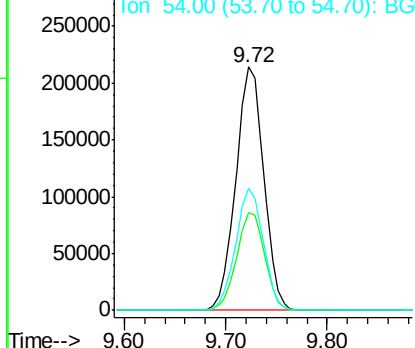
#23
 Nitrobenzene-d5
 Concen: 103.890 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027277.D
 Acq: 7 Jun 2017 10:48

Instrument :
 BNA_G
 ClientSampled :
 155-COMP

Tgt Ion: 82 Resp: 410079
 Ion Ratio Lower Upper
 82 100
 128 40.0 26.4 39.6#
 54 50.2 49.4 74.2

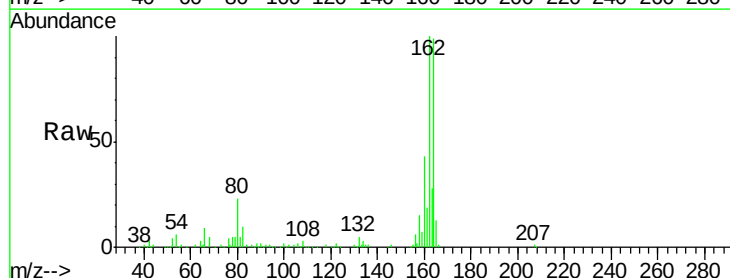


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

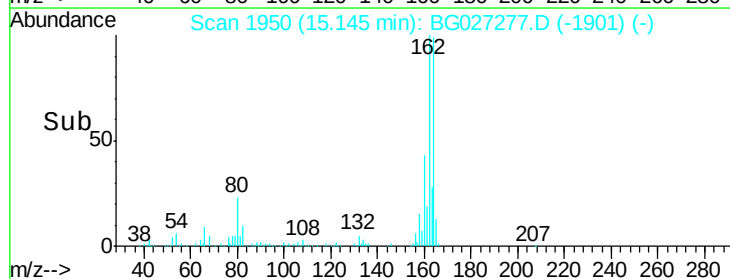
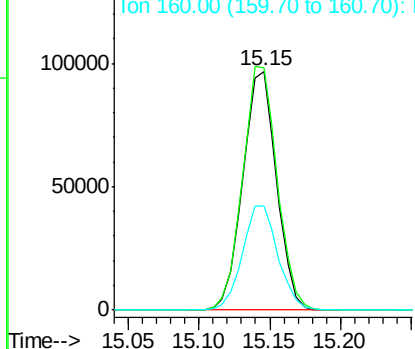


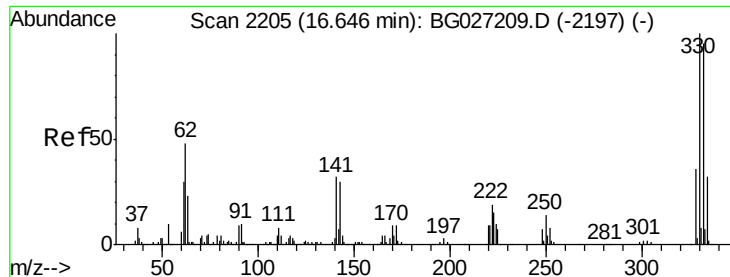
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.15 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG027277.D
 Acq: 7 Jun 2017 10:48

Tgt Ion: 164 Resp: 161757
 Ion Ratio Lower Upper
 164 100
 162 101.5 85.1 127.7
 160 43.5 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

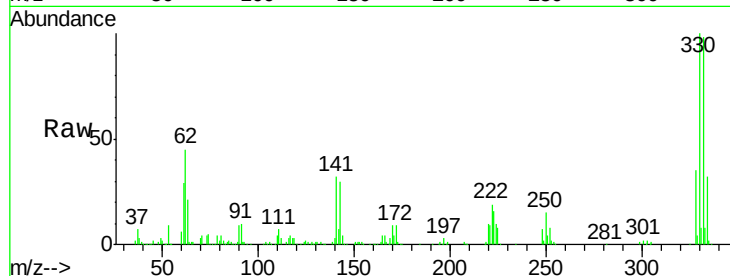




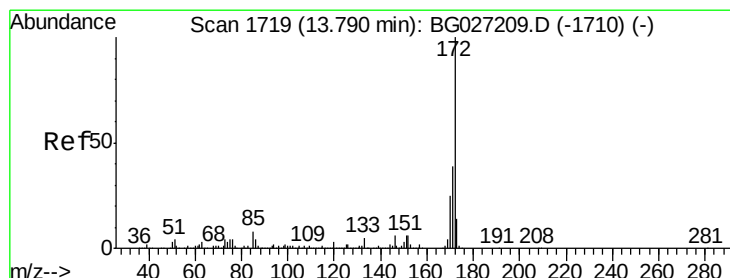
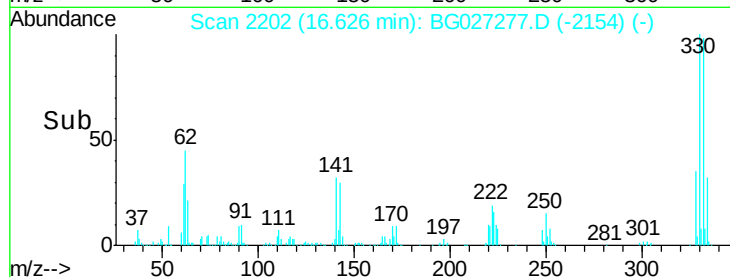
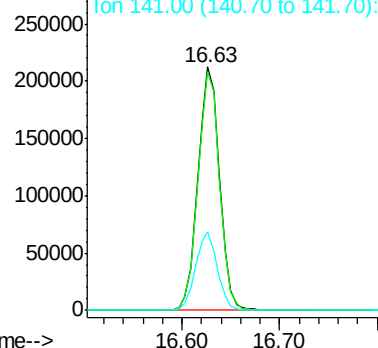
#41
 2,4,6-Tribromophenol
 Concen: 151.900 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027277.D
 Acq: 7 Jun 2017 10:48

Instrument :
 BNA_G
 ClientSampleId :
 155-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.3	115.9
141	32.3	32.1	48.1

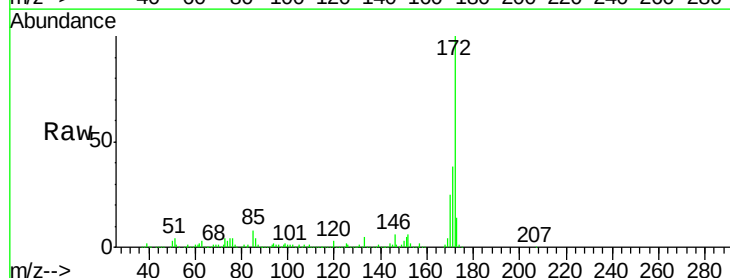


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

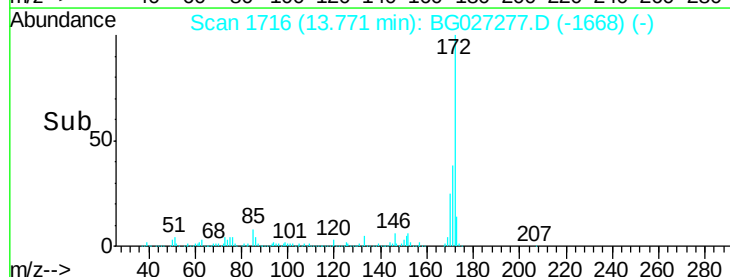
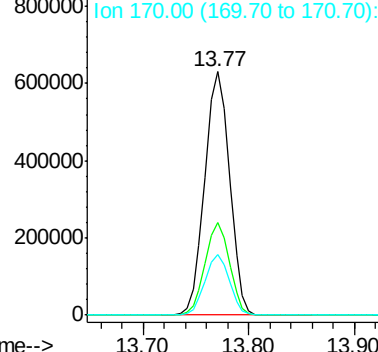


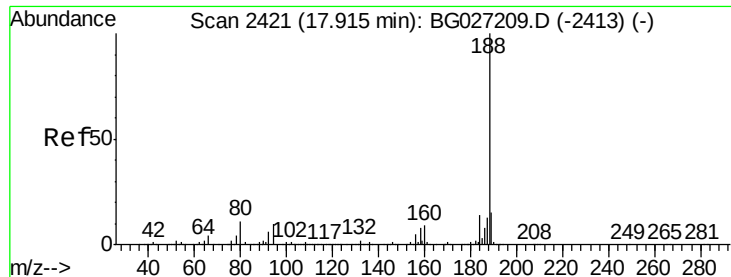
#44
 2-Fluorobiphenyl
 Concen: 88.465 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027277.D
 Acq: 7 Jun 2017 10:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	24.6	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

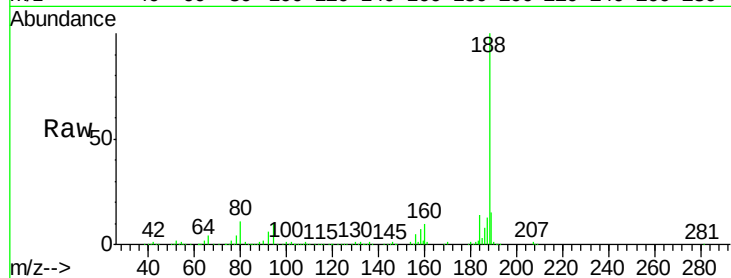




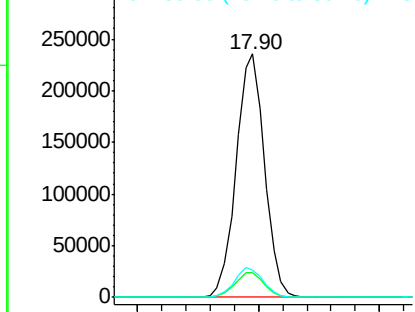
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.90 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG027277.D
Acq: 7 Jun 2017 10:48

Instrument :
BNA_G
ClientSampleId :
155-COMP

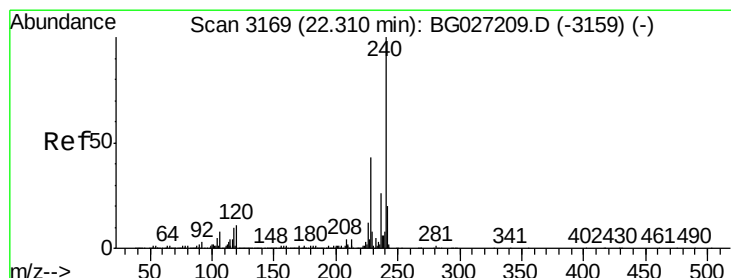
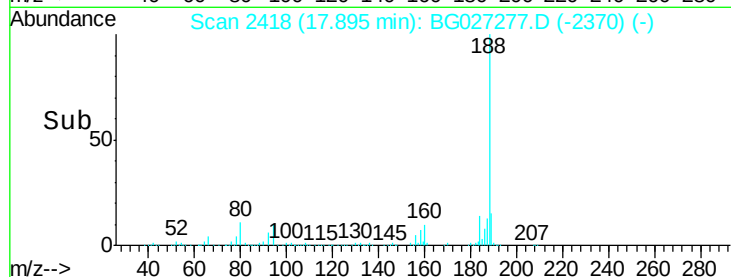
Tgt Ion:188 Resp: 385345
Ion Ratio Lower Upper
188 100
94 10.4 5.8 8.8#
80 11.4 7.5 11.3#



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

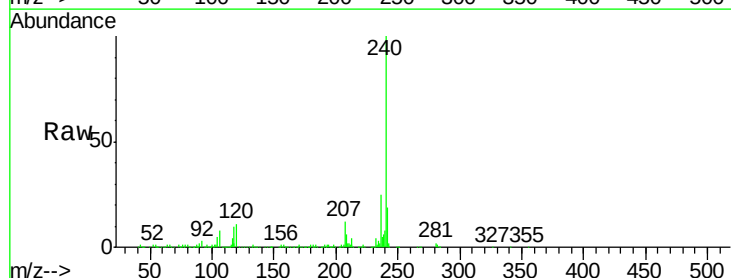


Time--> 17.80 17.90 18.00

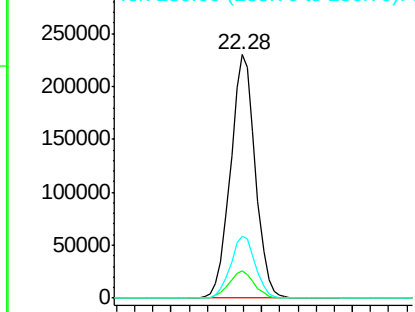


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.28 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG027277.D
Acq: 7 Jun 2017 10:48

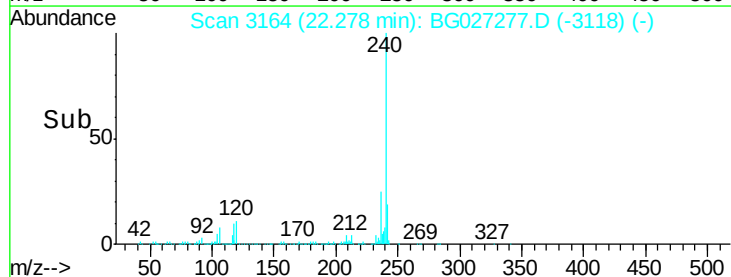
Tgt Ion:240 Resp: 435089
Ion Ratio Lower Upper
240 100
120 11.3 5.7 8.5#
236 25.4 22.2 33.4

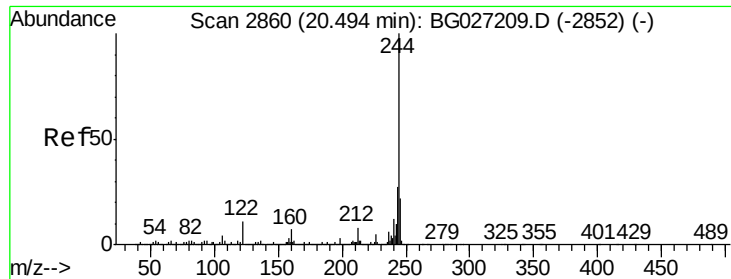


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 22.20 22.30 22.40





#78

Terphenyl-d14

Concen: 93.930 ng

RT: 20.47 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027277.D

Acq: 7 Jun 2017 10:48

Instrument :

BNA_G

ClientSampleId :

155-COMP

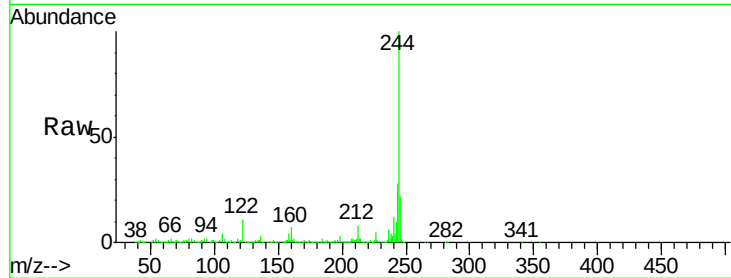
Tgt Ion:244 Resp: 1602026

Ion Ratio Lower Upper

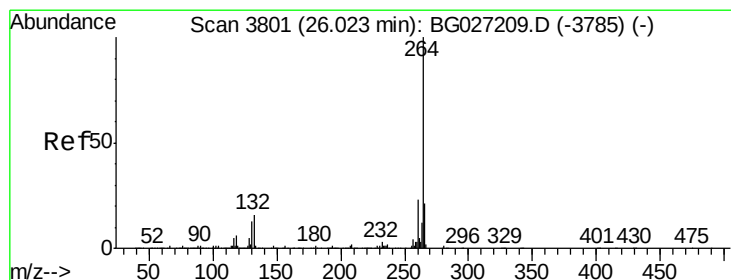
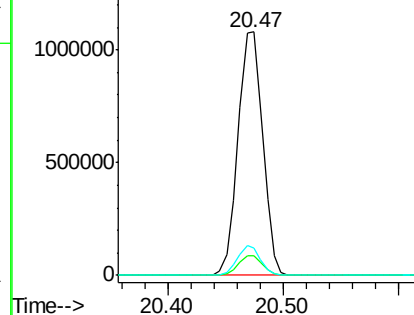
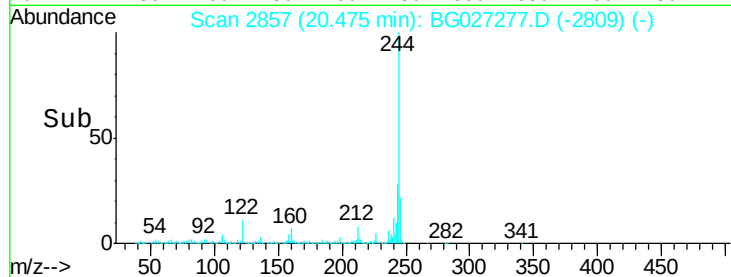
244 100

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: 25.97 min Scan# 3792

Delta R.T. -0.06 min

Lab File: BG027277.D

Acq: 7 Jun 2017 10:48

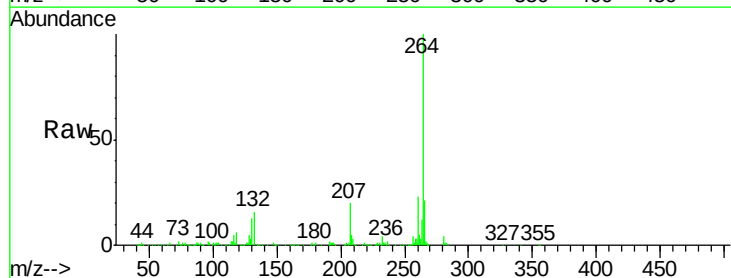
Tgt Ion:264 Resp: 400147

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 21.4 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

