

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027276.D
 Acq On : 7 Jun 2017 10:09
 Operator : SJ/MA
 Sample : I3478-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 343-COMP

Quant Time: Jun 07 12:55:04 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	49021	20.00	ng	-0.01
21) Naphthalene-d8	11.38	136	228934	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	145750	20.00	ng	-0.01
63) Phenanthrene-d10	17.89	188	356384	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	399752	20.00	ng	-0.03
86) Perylene-d12	25.97	264	369966	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	452608	140.89	ng	-0.01
7) Phenol-d6	7.69	99	565074	119.83	ng	0.00
23) Nitrobenzene-d5	9.72	82	394856	108.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	311392	162.24	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	981681	94.23	ng	-0.02
78) Terphenyl-d14	20.47	244	1596538	101.88	ng	-0.02

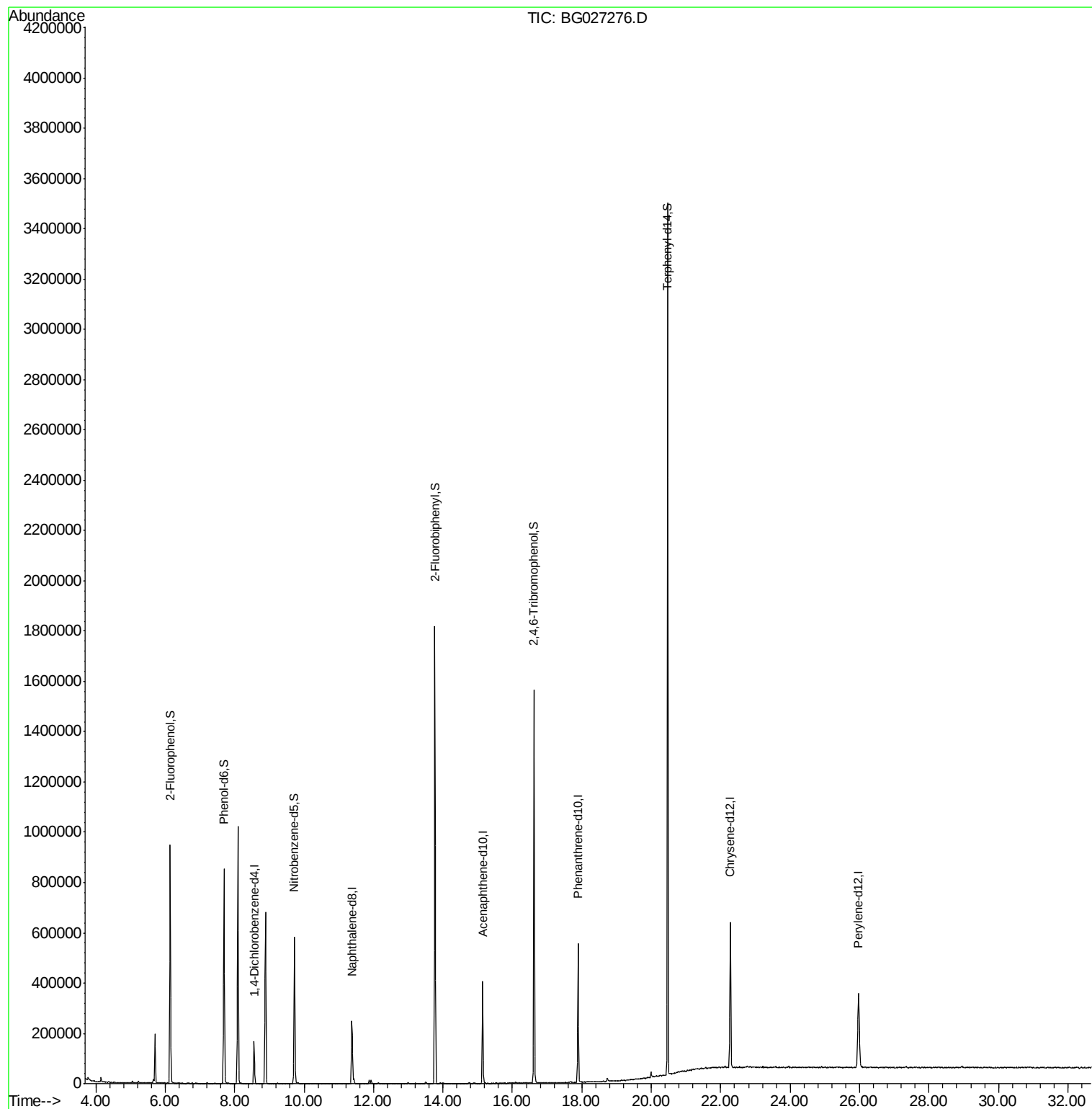
Target Compounds	Qvalue
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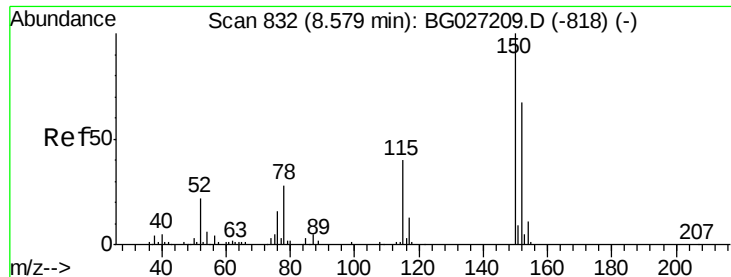
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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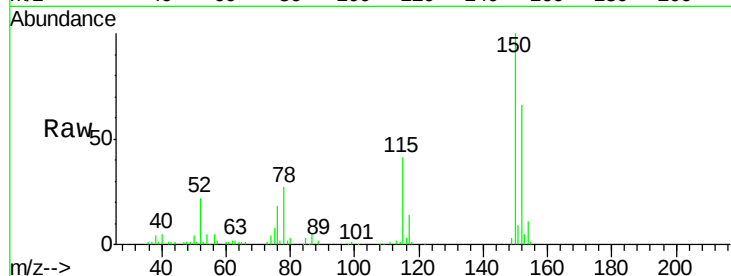


#1

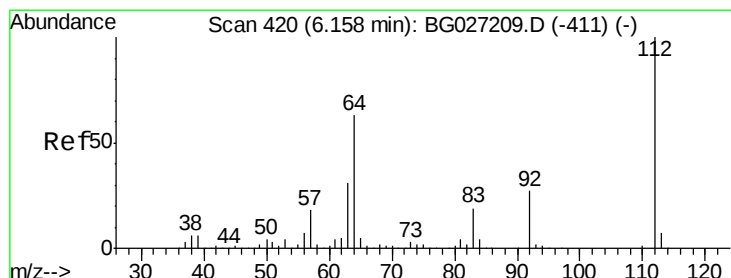
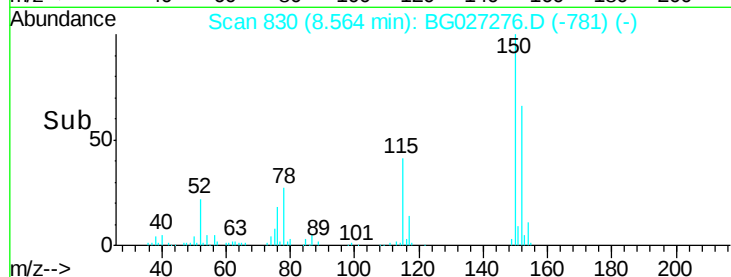
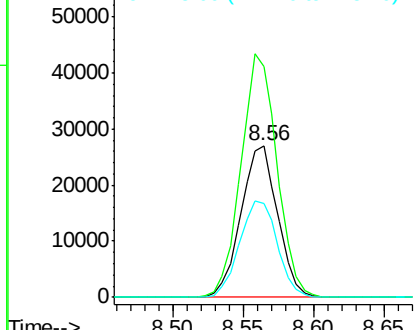
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG027276.D
Acq: 7 Jun 2017 10:09

Instrument :
BNA_G
ClientSampleId :
343-COMP

Tgt Ion:152 Resp: 49021
Ion Ratio Lower Upper
152 100
150 152.6 114.0 171.0
115 62.1 48.1 72.1



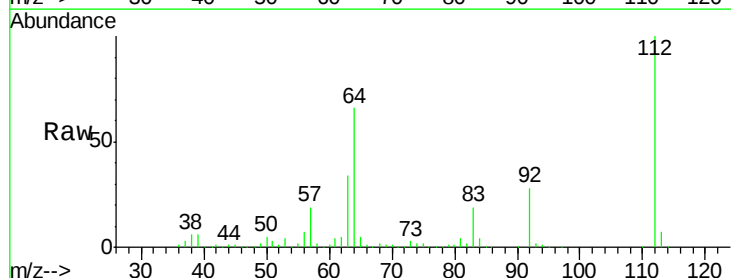
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



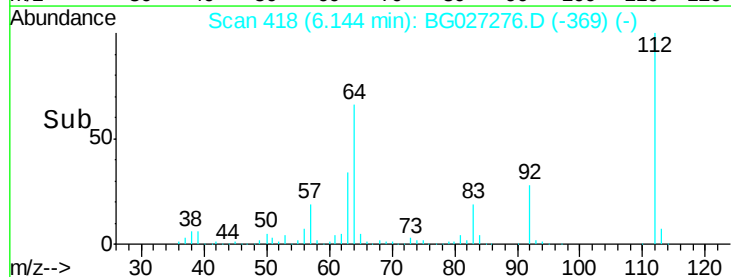
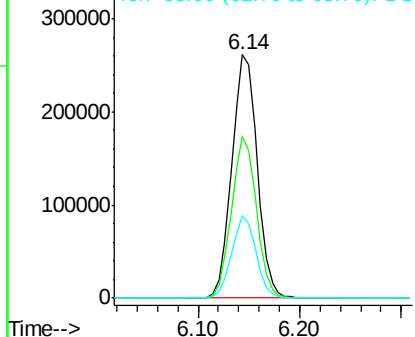
#5

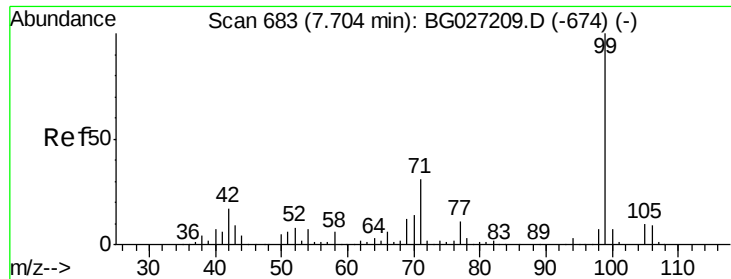
2-Fluorophenol
Concen: 140.892 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027276.D
Acq: 7 Jun 2017 10:09

Tgt Ion:112 Resp: 452608
Ion Ratio Lower Upper
112 100
64 66.3 61.8 92.6
63 33.7 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: 119.832 ng

RT: 7.69 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027276.D

Acq: 7 Jun 2017 10:09

Instrument :

BNA_G

ClientSampleId :

343-COMP

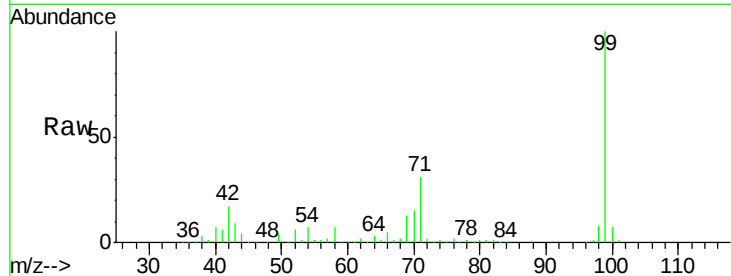
Tgt Ion: 99 Resp: 565074

Ion Ratio Lower Upper

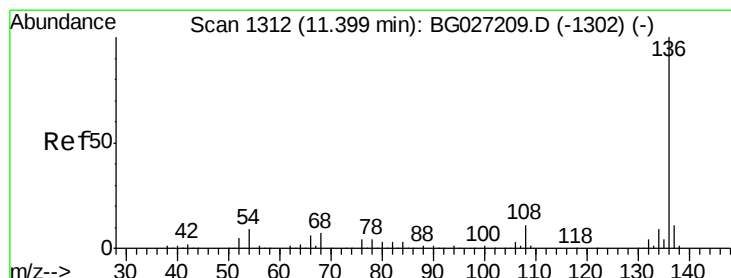
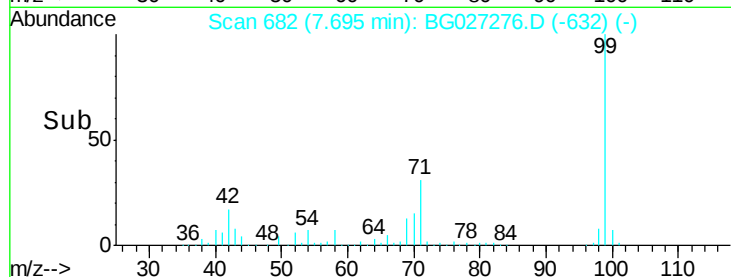
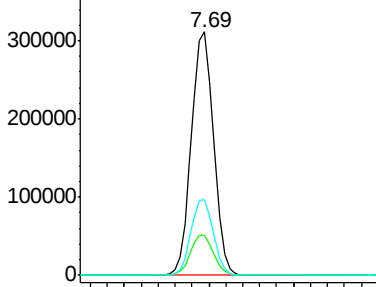
99 100

42 16.6 20.5 30.7#

71 31.0 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: BG027276.D

Acq: 7 Jun 2017 10:09

Tgt Ion: 136 Resp: 228934

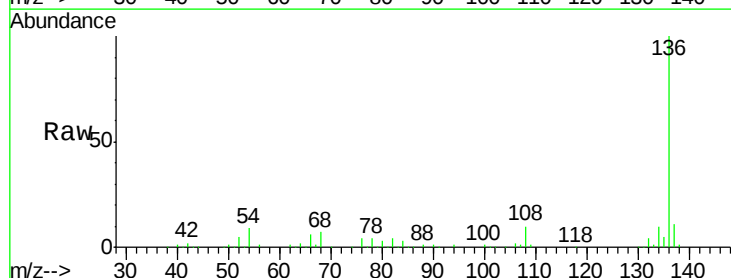
Ion Ratio Lower Upper

136 100

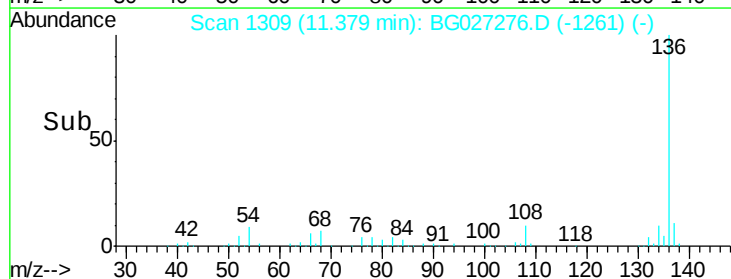
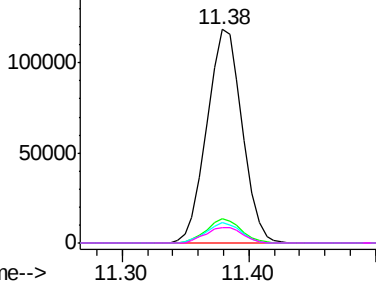
137 11.2 8.9 13.3

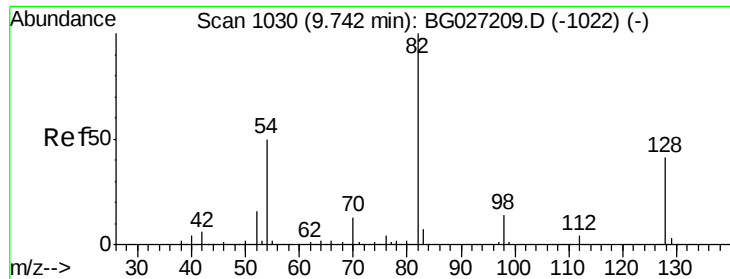
54 9.3 9.3 13.9

68 7.2 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

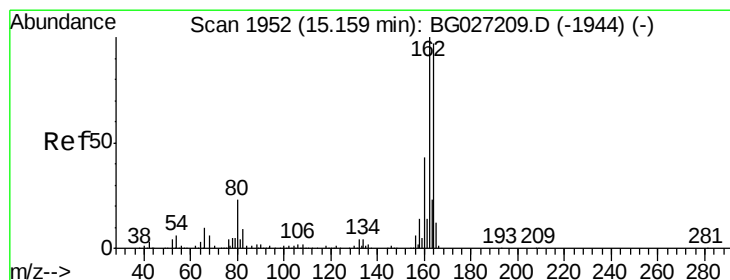
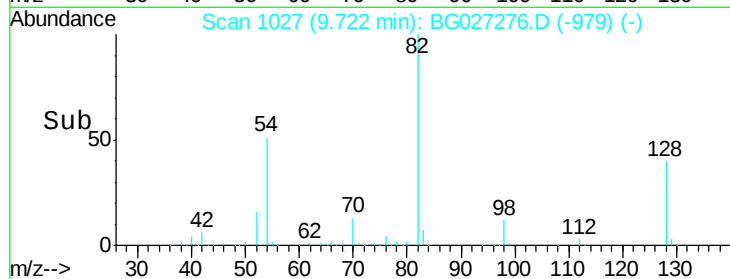
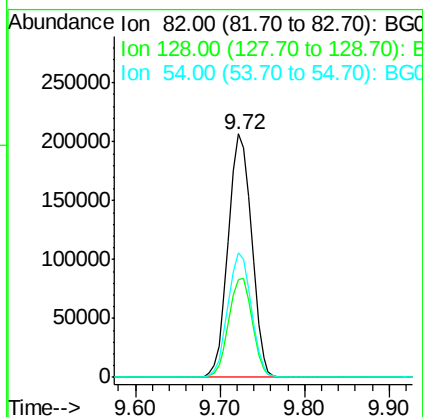
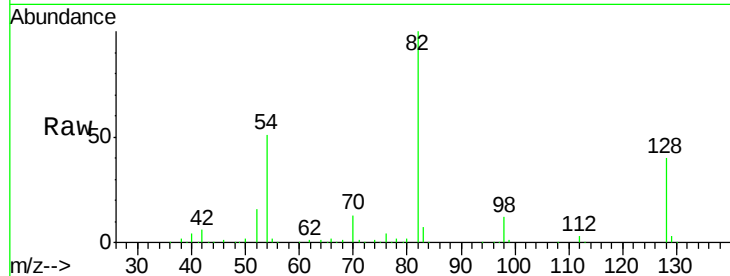




#23
 Nitrobenzene-d5
 Concen: 108.469 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027276.D
 Acq: 7 Jun 2017 10:09

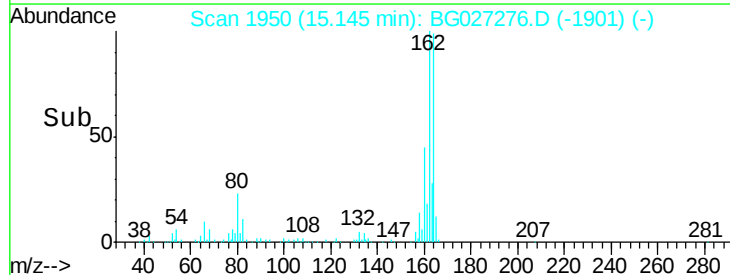
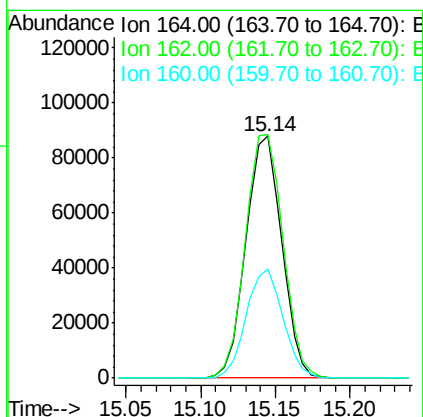
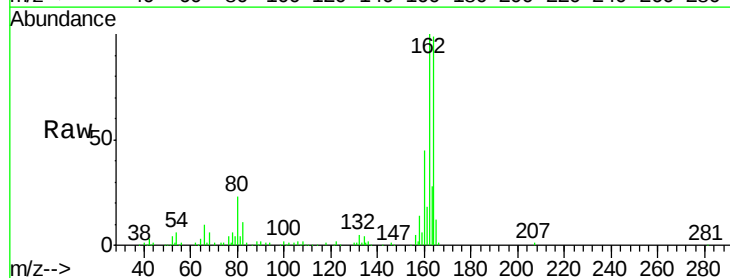
Instrument :
 BNA_G
 ClientSampled :
 343-COMP

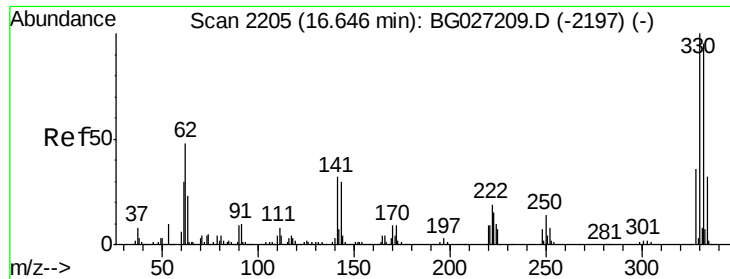
Tgt Ion: 82 Resp: 394856
 Ion Ratio Lower Upper
 82 100
 128 40.2 26.4 39.6#
 54 51.0 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.14 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG027276.D
 Acq: 7 Jun 2017 10:09

Tgt Ion: 164 Resp: 145750
 Ion Ratio Lower Upper
 164 100
 162 100.7 85.1 127.7
 160 44.9 34.7 52.1

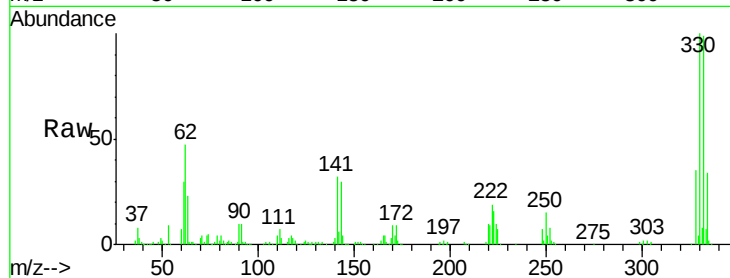




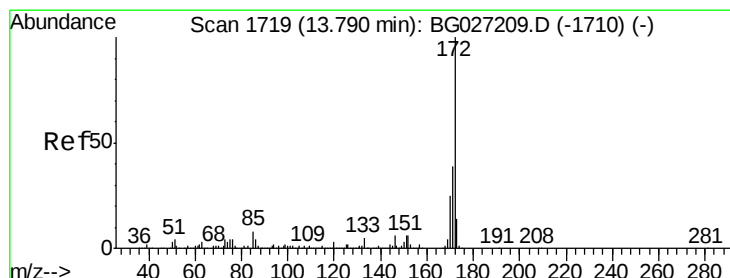
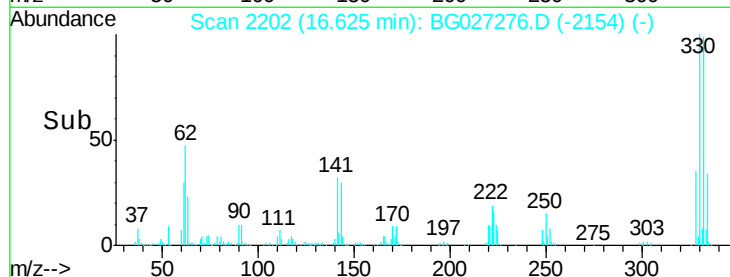
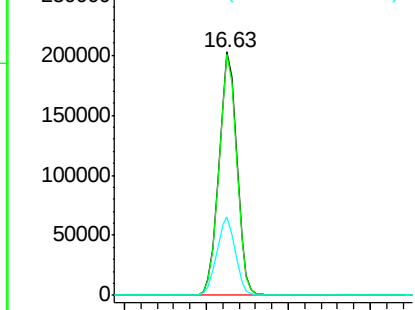
#41
 2,4,6-Tribromophenol
 Concen: 162.245 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027276.D
 Acq: 7 Jun 2017 10:09

Instrument :
 BNA_G
 ClientSampleId :
 343-COMP

Tgt Ion:330 Resp: 311392
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.3 115.9
 141 33.1 32.1 48.1

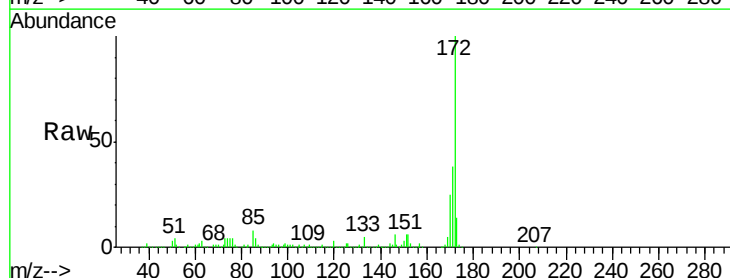


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

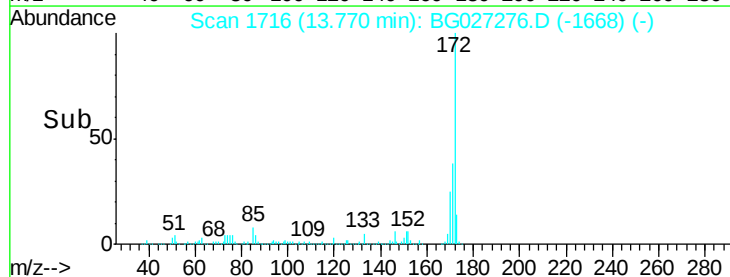
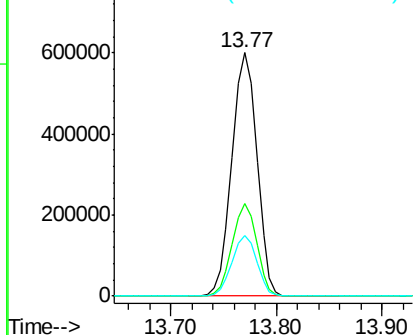


#44
 2-Fluorobiphenyl
 Concen: 94.226 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027276.D
 Acq: 7 Jun 2017 10:09

Tgt Ion:172 Resp: 981681
 Ion Ratio Lower Upper
 172 100
 171 38.1 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: 17.89 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG027276.D

Acq: 7 Jun 2017 10:09

Instrument :

BNA_G

ClientSampleId :

343-COMP

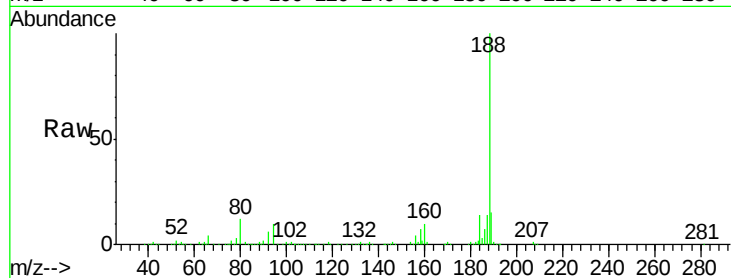
Tgt Ion:188 Resp: 356384

Ion Ratio Lower Upper

188 100

94 9.7 5.8 8.8#

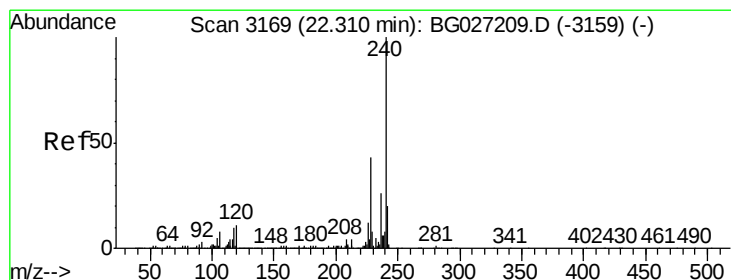
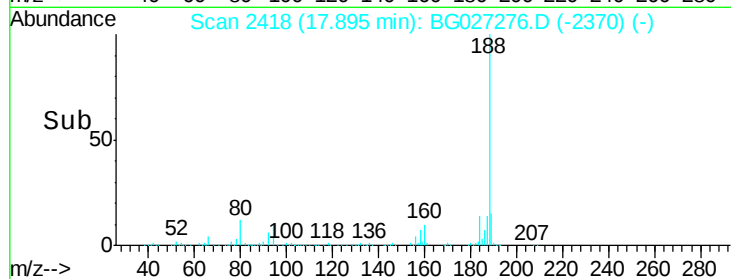
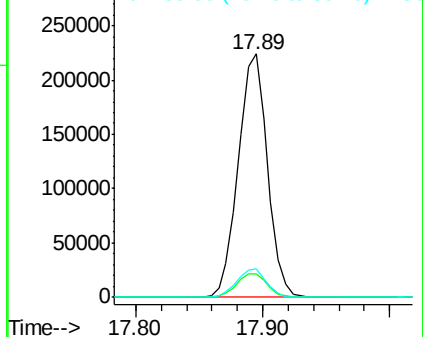
80 11.5 7.5 11.3#



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: 22.28 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG027276.D

Acq: 7 Jun 2017 10:09

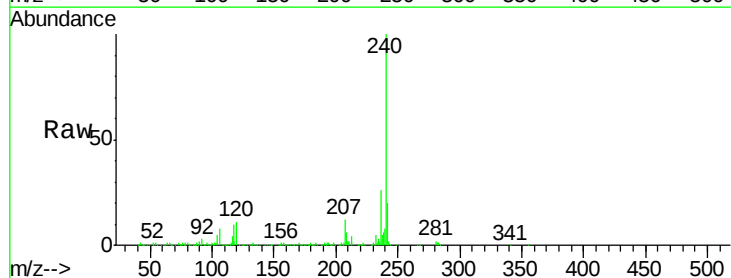
Tgt Ion:240 Resp: 399752

Ion Ratio Lower Upper

240 100

120 11.1 5.7 8.5#

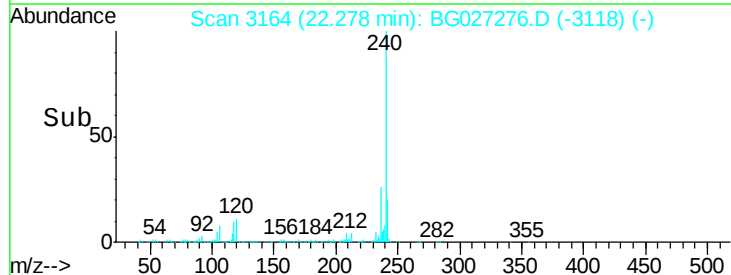
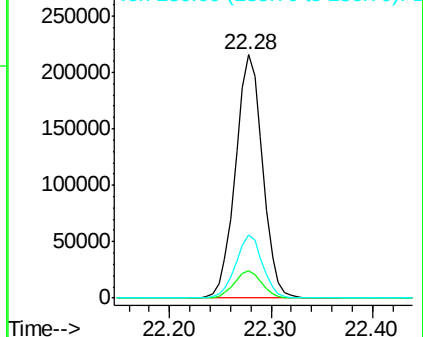
236 26.1 22.2 33.4



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: 101.882 ng

RT: 20.47 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027276.D

Acq: 7 Jun 2017 10:09

Instrument :

BNA_G

ClientSampleId :

343-COMP

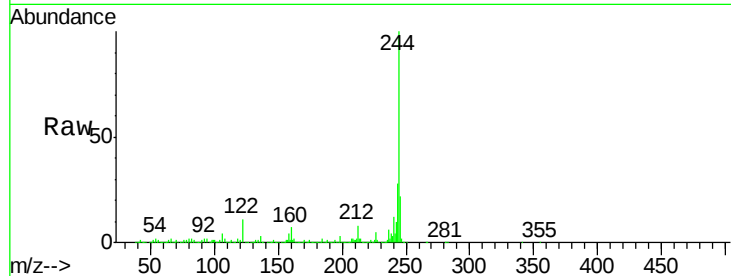
Tgt Ion:244 Resp: 1596538

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

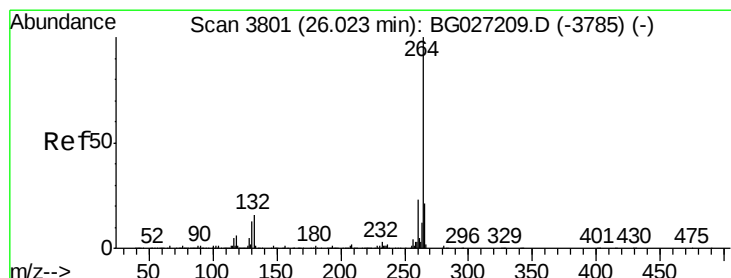
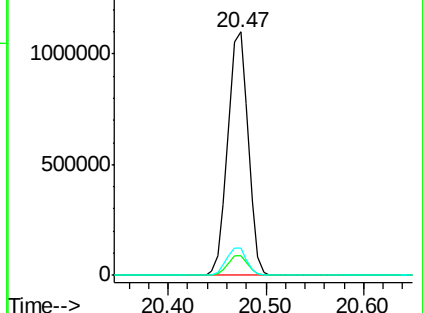
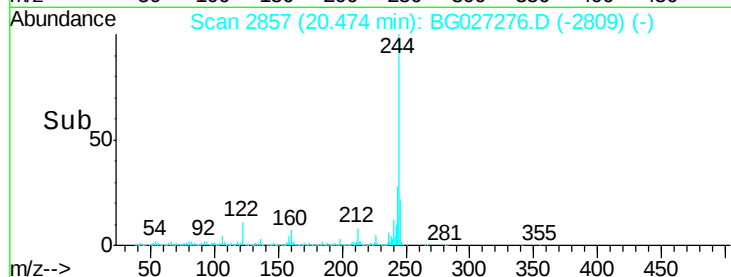
122 11.1 8.6 12.8



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# 3793

Delta R.T. -0.05 min

Lab File: BG027276.D

Acq: 7 Jun 2017 10:09

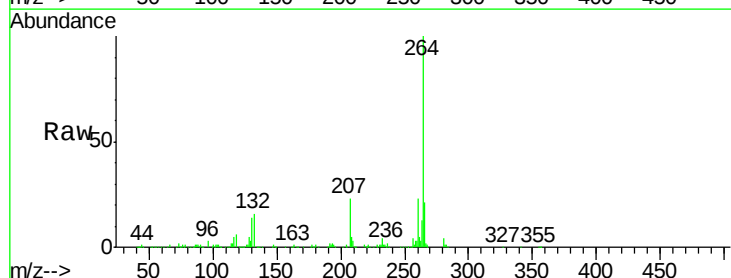
Tgt Ion:264 Resp: 369966

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 21.2 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

