

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062117\
 Data File : BG027585.D
 Acq On : 22 Jun 2017 7:44
 Operator : SJ/JU
 Sample : I3775-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHD-FB061517

Quant Time: Jun 22 14:24:42 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	20830	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	93525	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	58829	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	183648	20.00	ng	0.00
75) Chrysene-d12	22.20	240	202447	20.00	ng	-0.01
86) Perylene-d12	25.83	264	192885	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	86892	59.37	ng	0.00
7) Phenol-d6	7.64	99	71293	32.90	ng	0.00
23) Nitrobenzene-d5	9.66	82	192492	97.39	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	160583	183.10	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	433395	100.63	ng	0.00
78) Terphenyl-d14	20.42	244	957198	111.40	ng	0.00

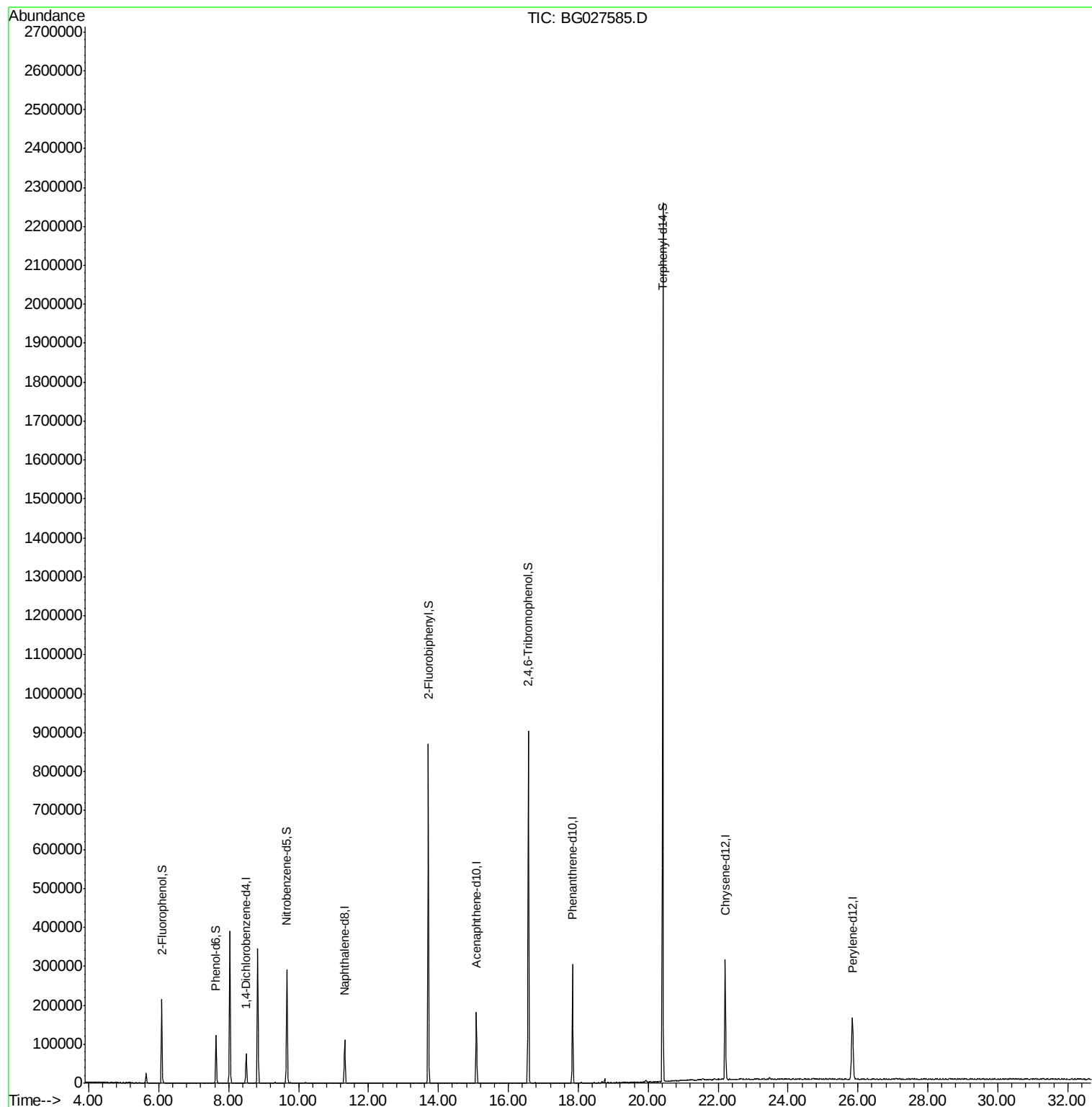
Target Compounds	Qvalue
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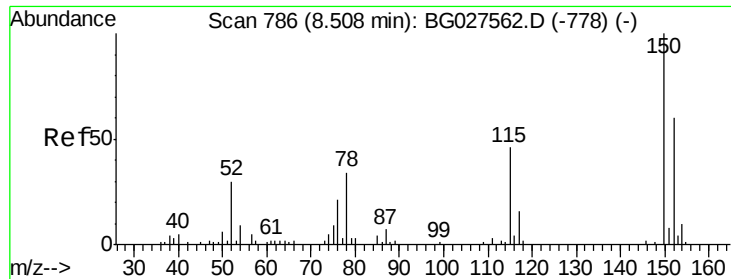
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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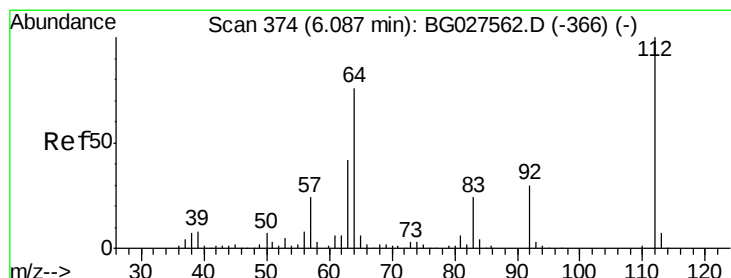
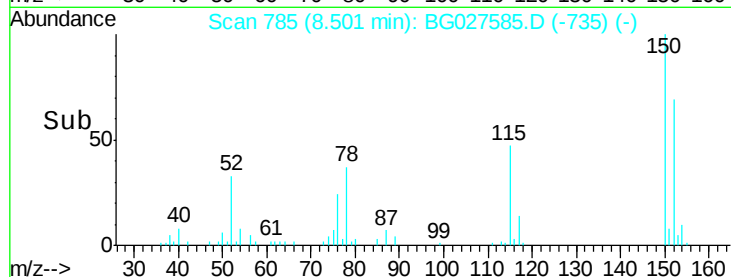
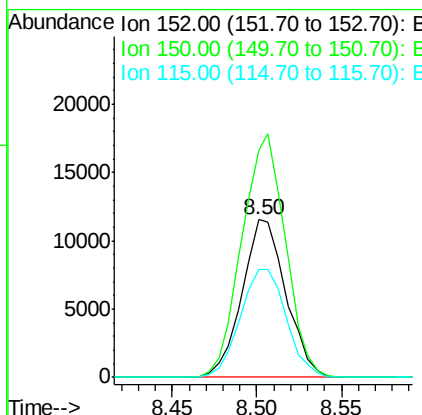
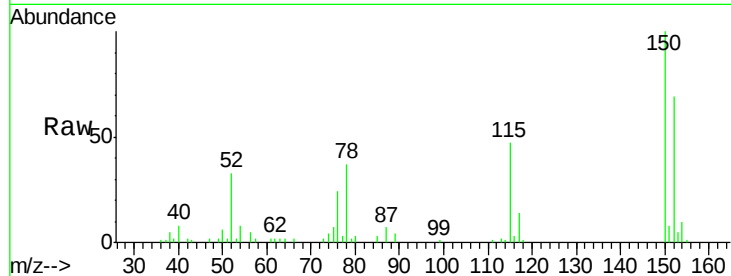




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.50 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BG027585.D
 Acq: 22 Jun 2017 7:44

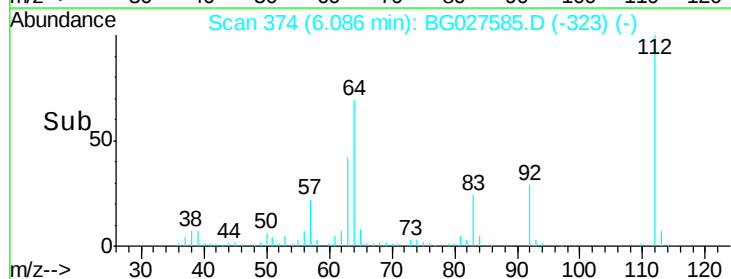
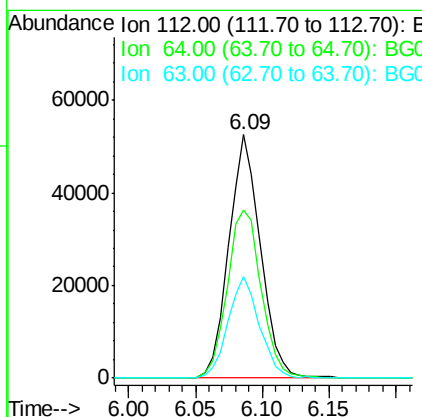
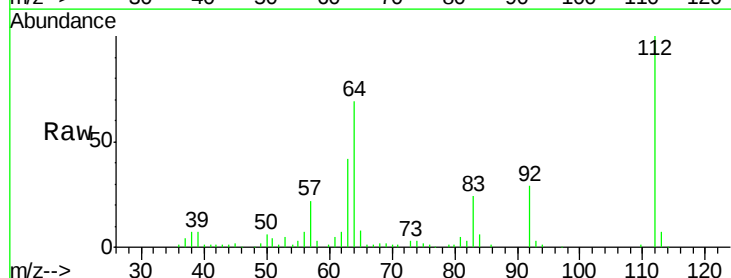
Instrument :
 BNA_G
 ClientSampleId :
 GHD-FB061517

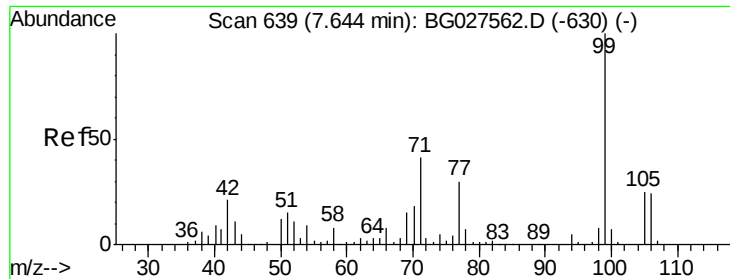
Tgt Ion:152 Resp: 20830
 Ion Ratio Lower Upper
 152 100
 150 144.0 114.0 171.0
 115 68.2 48.1 72.1



#5
 2-Fluorophenol
 Concen: 59.369 ng
 RT: 6.09 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: BG027585.D
 Acq: 22 Jun 2017 7:44

Tgt Ion:112 Resp: 86892
 Ion Ratio Lower Upper
 112 100
 64 69.2 61.8 92.6
 63 41.6 37.2 55.8





#7

Phenol-d6

Concen: 32.904 ng

RT: 7.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BG027585.D

Acq: 22 Jun 2017 7:44

Instrument :

BNA_G

ClientSampleId :

GHD-FB061517

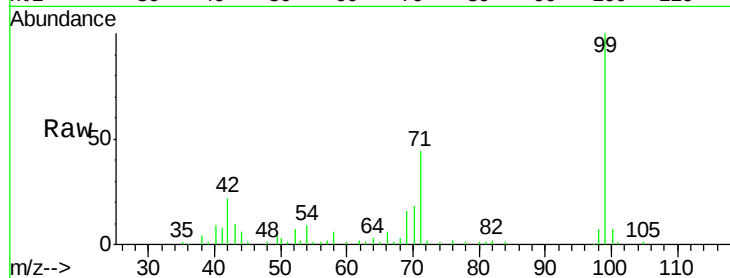
Tgt Ion: 99 Resp: 71293

Ion Ratio Lower Upper

99 100

42 21.6 20.5 30.7

71 44.2 37.6 56.4

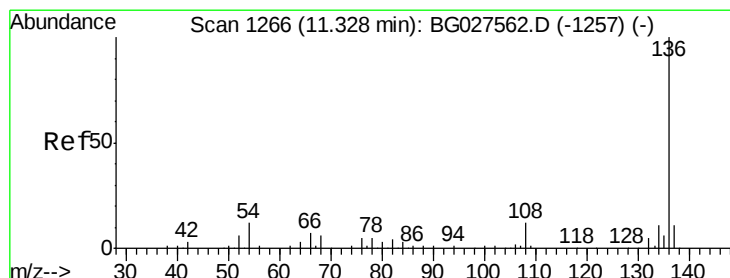
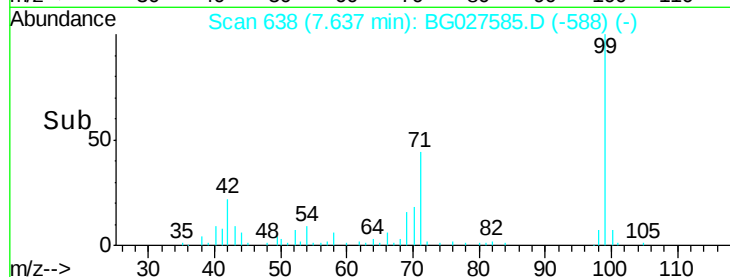
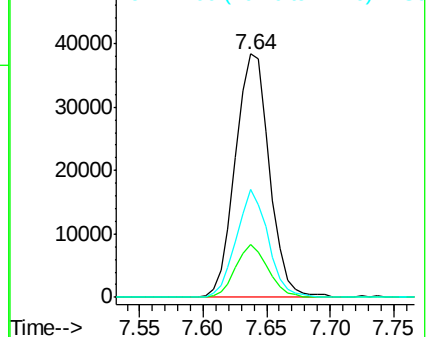


Abundance

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: 11.32 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG027585.D

Acq: 22 Jun 2017 7:44

Tgt Ion: 136 Resp: 93525

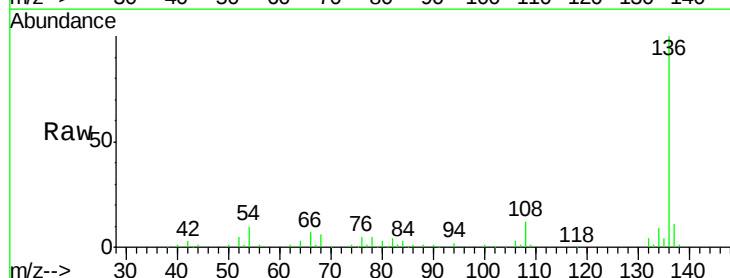
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.6 9.3 13.9

68 6.2 5.1 7.7



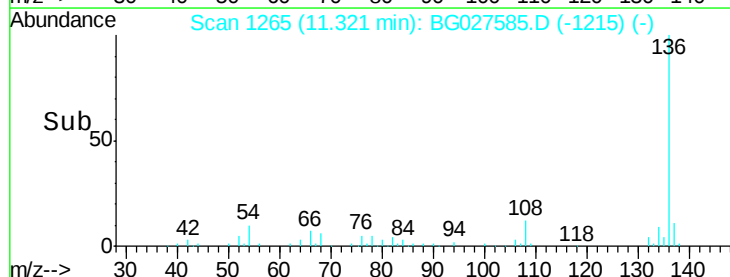
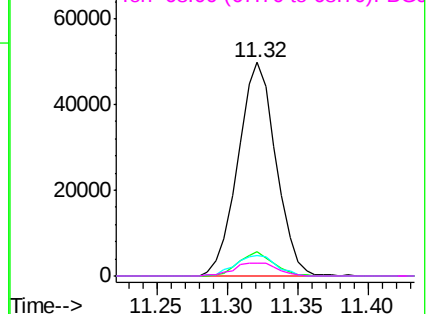
Abundance

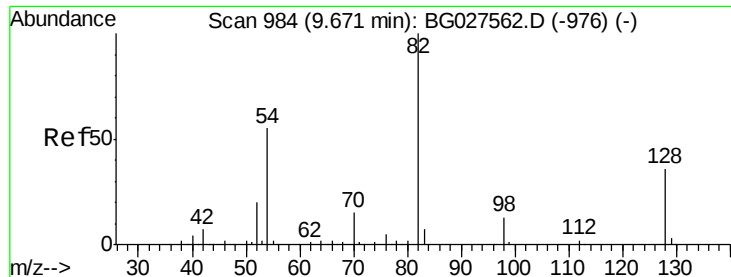
Ion 136.00 (135.70 to 136.70): BGC

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

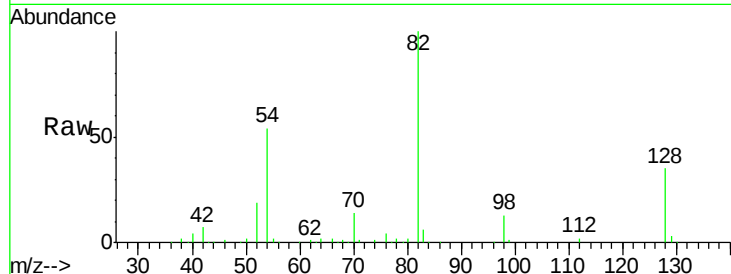




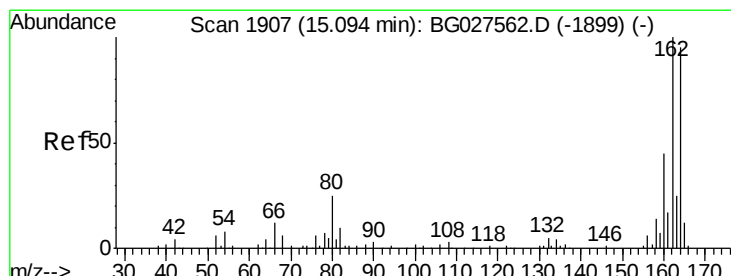
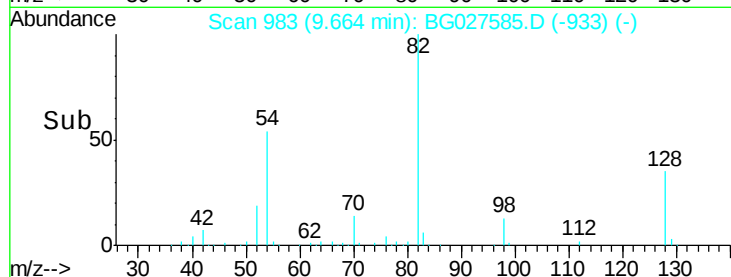
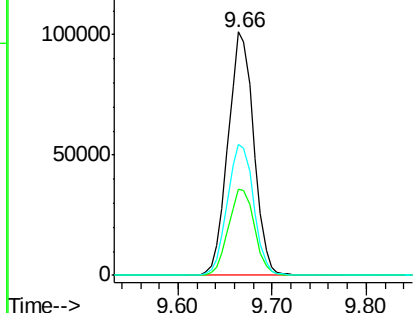
#23
 Nitrobenzene-d5
 Concen: 97.391 ng
 RT: 9.66 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BG027585.D
 Acq: 22 Jun 2017 7:44

Instrument :
 BNA_G
 ClientSampleId :
 GHD-FB061517

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.2	26.4	39.6
54	54.0	49.4	74.2

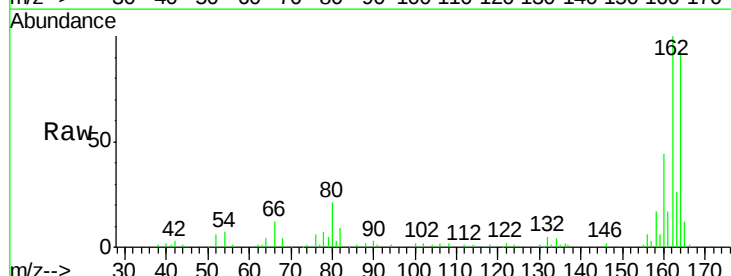


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

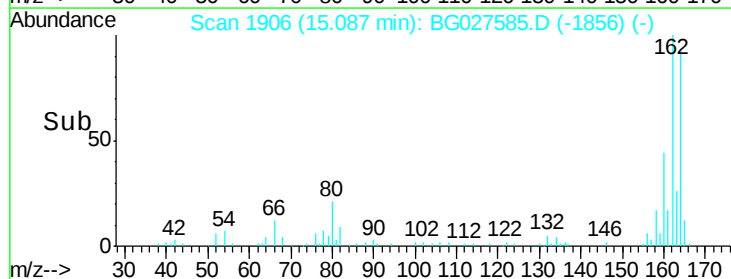
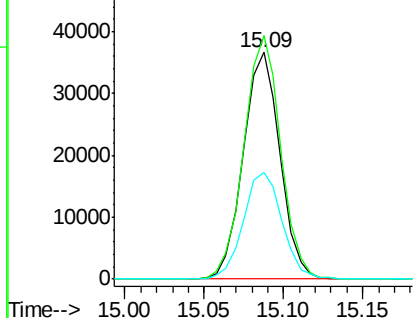


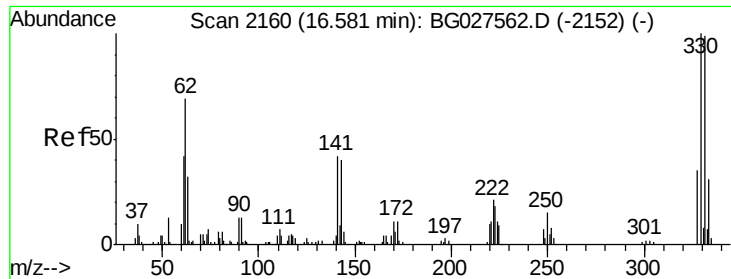
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027585.D
 Acq: 22 Jun 2017 7:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	85.1	127.7
160	47.1	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

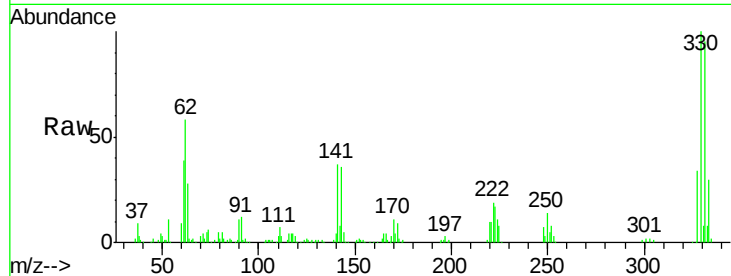




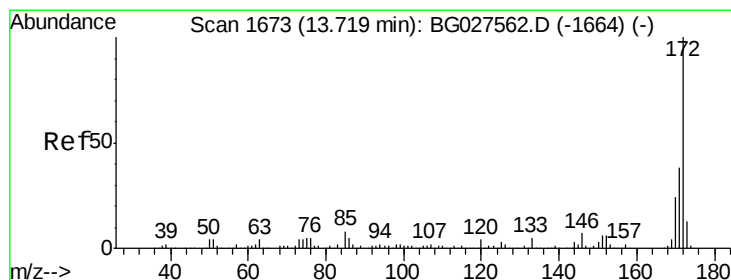
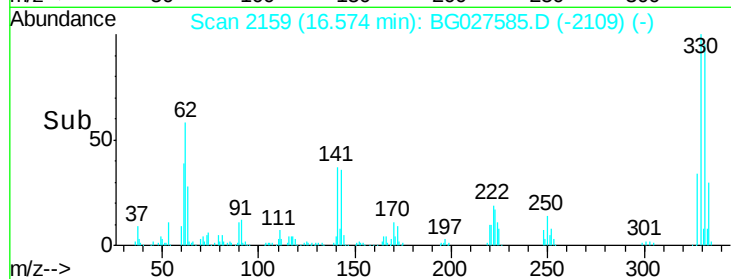
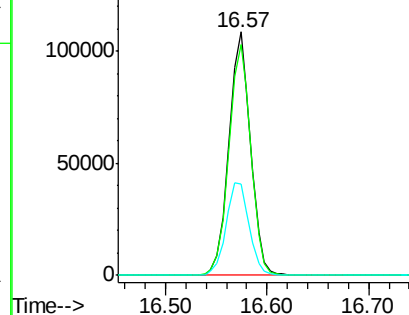
#41
 2,4,6-Tribromophenol
 Concen: 183.095 ng
 RT: 16.57 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027585.D
 Acq: 22 Jun 2017 7:44

Instrument :
 BNA_G
 ClientSampleId :
 GHD-FB061517

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	40.5	32.1	48.1

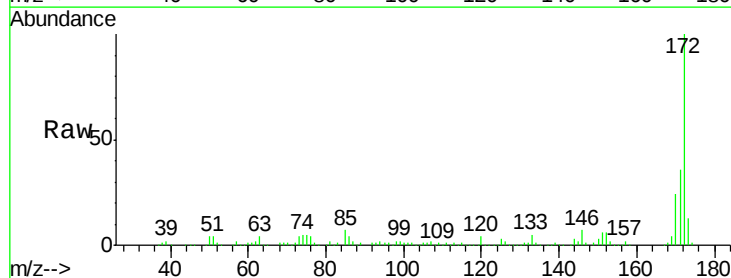


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

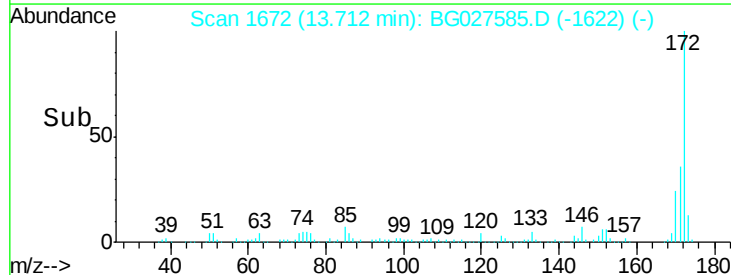
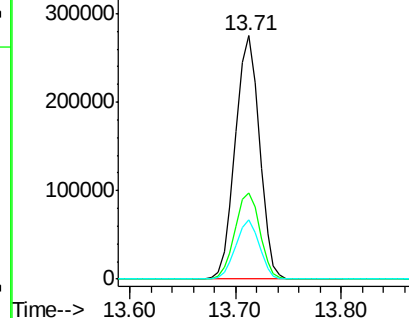


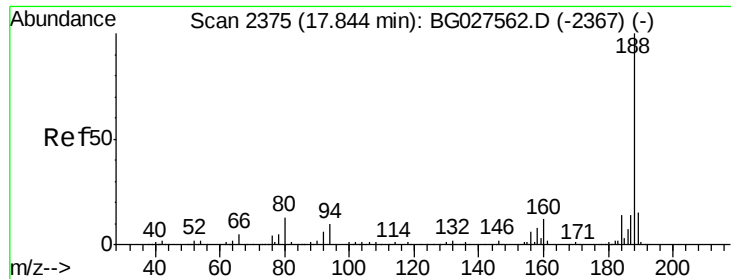
#44
 2-Fluorobiphenyl
 Concen: 100.633 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027585.D
 Acq: 22 Jun 2017 7:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	32.2	48.2
170	24.1	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

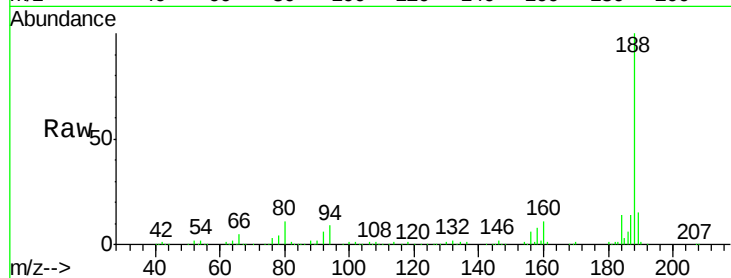




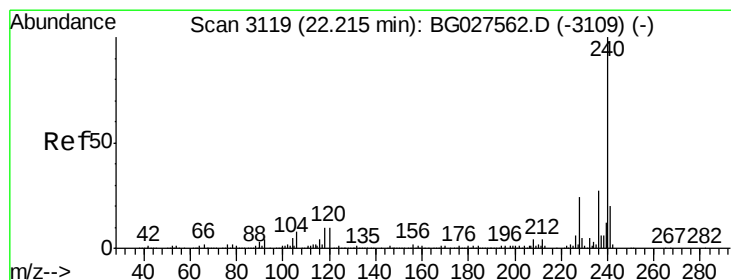
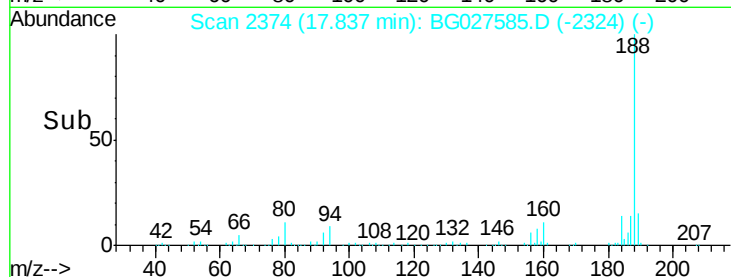
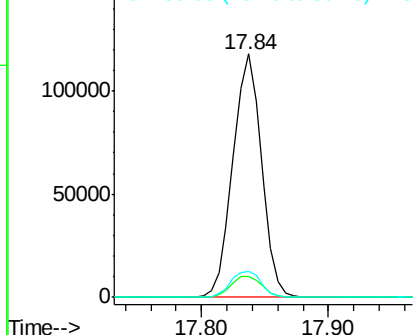
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027585.D
Acq: 22 Jun 2017 7:44

Instrument :
BNA_G
ClientSampleId :
GHD-FB061517

Tgt Ion:188 Resp: 183648
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.8
80 10.8 7.5 11.3

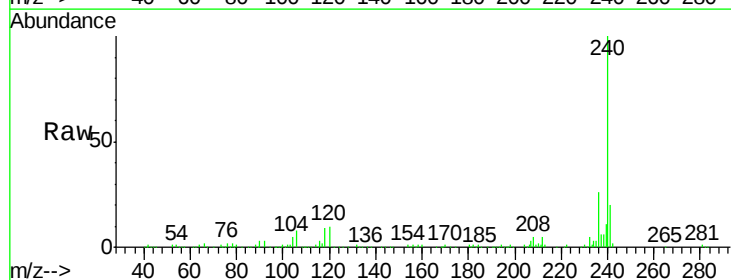


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

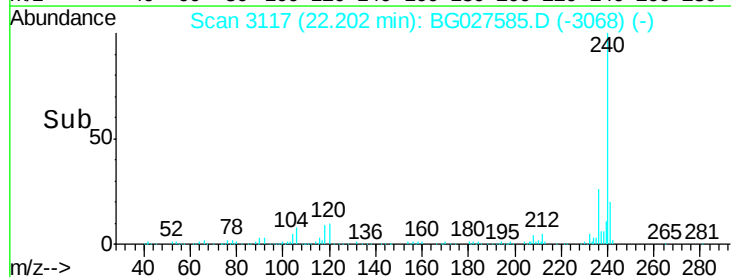
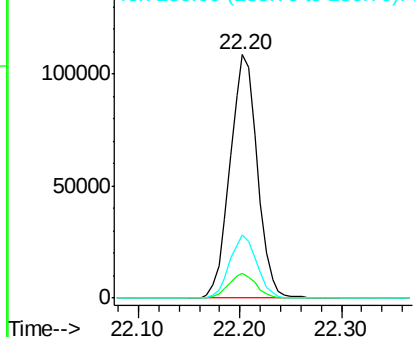


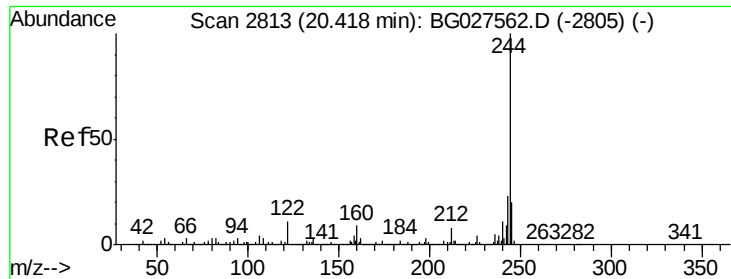
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027585.D
Acq: 22 Jun 2017 7:44

Tgt Ion:240 Resp: 202447
Ion Ratio Lower Upper
240 100
120 10.0 5.7 8.5#
236 25.9 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: 111.399 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027585.D

Acq: 22 Jun 2017 7:44

Instrument :

BNA_G

ClientSampleId :

GHD-FB061517

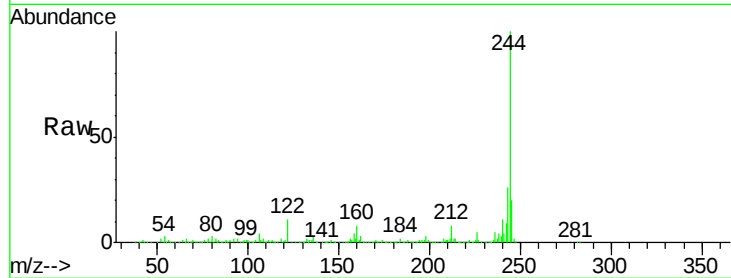
Tgt Ion:244 Resp: 957198

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

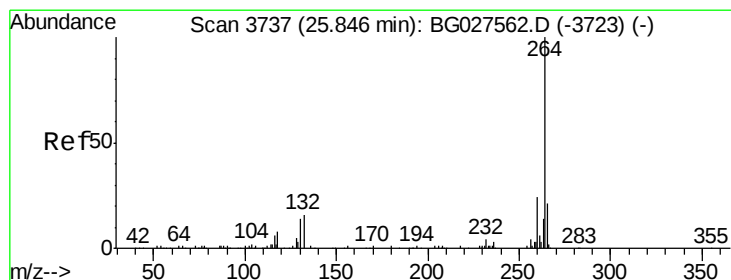
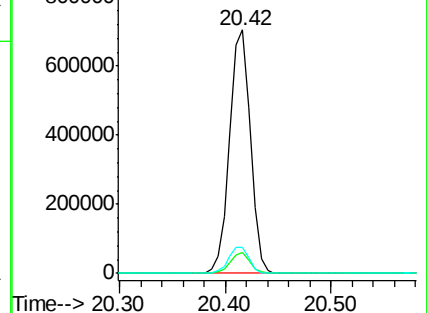
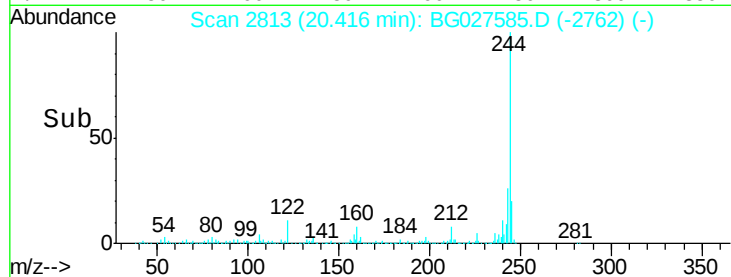
122 10.9 8.6 12.8



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. -0.01 min

Lab File: BG027585.D

Acq: 22 Jun 2017 7:44

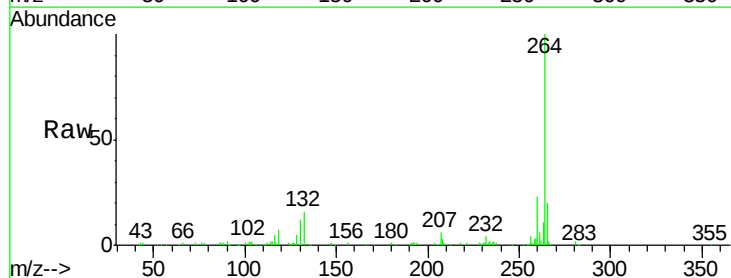
Tgt Ion:264 Resp: 192885

Ion Ratio Lower Upper

264 100

260 22.8 21.8 32.8

265 20.4 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

