

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027692.D
 Acq On : 27 Jun 2017 2:23
 Operator : SJ/JU
 Sample : I3906-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-062317-A

Quant Time: Jun 27 08:46:54 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	8.49	152	13243	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	60303	20.00	ng	-0.02
38) Acenaphthene-d10	15.07	164	41249	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	133476	20.00	ng	-0.02
75) Chrysene-d12	22.18	240	151098	20.00	ng	-0.04
86) Perylene-d12	25.80	264	145335	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	102812	110.49	ng	-0.02
7) Phenol-d6	7.63	99	125306	90.97	ng	-0.02
23) Nitrobenzene-d5	9.65	82	107532	84.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	113693	184.88	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	262009	86.77	ng	-0.02
78) Terphenyl-d14	20.40	244	564090	87.96	ng	-0.02

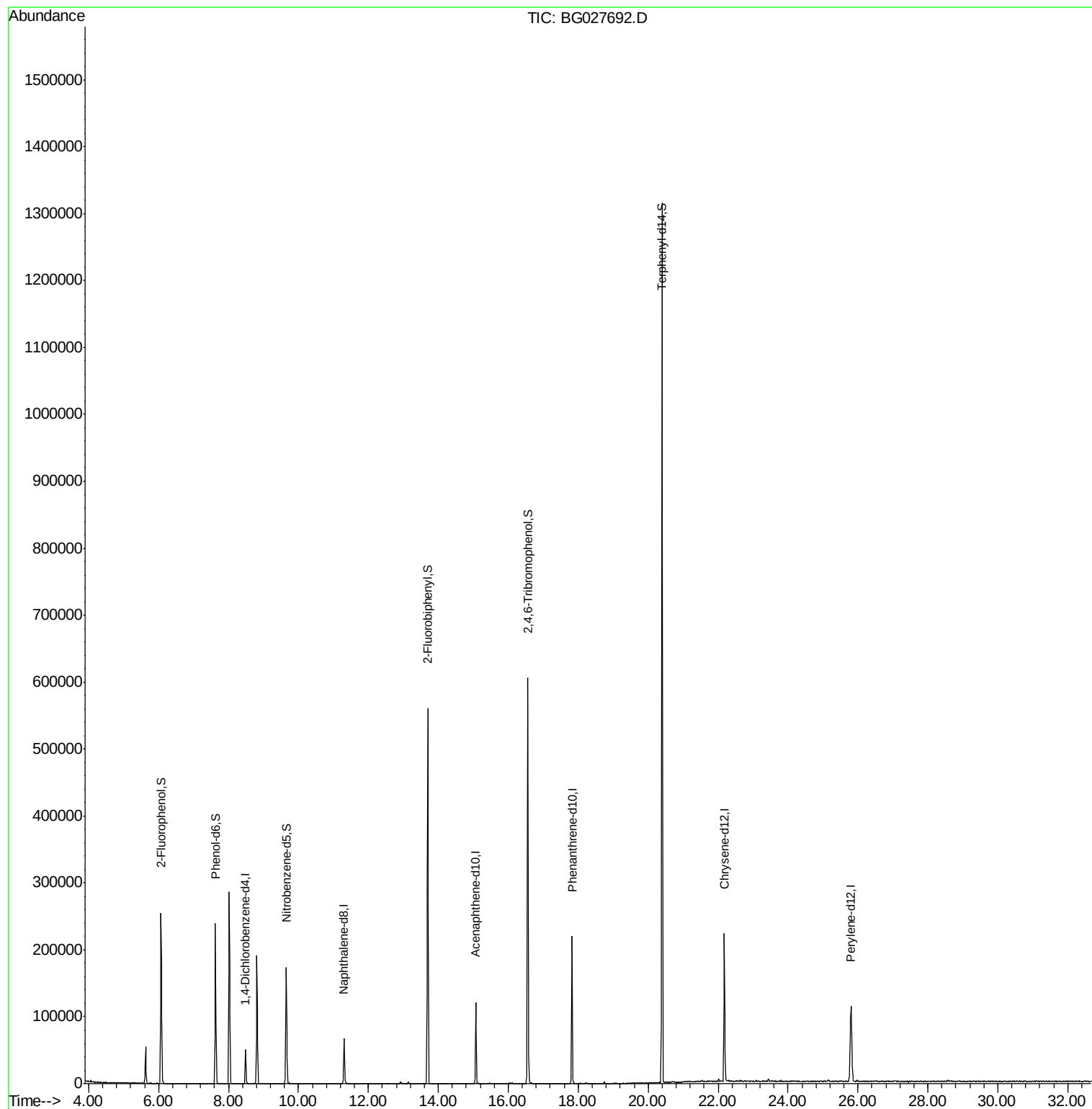
Target Compounds Qvalue

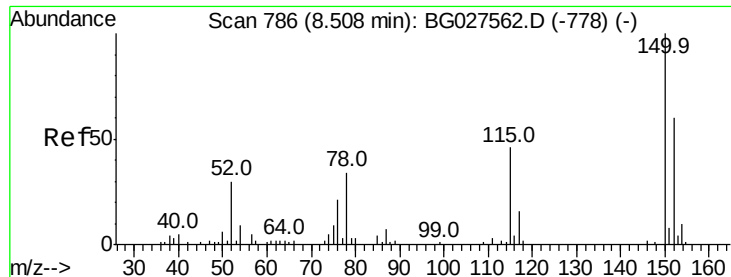
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.49 min Scan# 783

Delta R.T. -0.02 min

Lab File: BG027692.D

Acq: 27 Jun 2017 2:23

Instrument :

BNA_G

ClientSampleId :

EO-02-062317-A

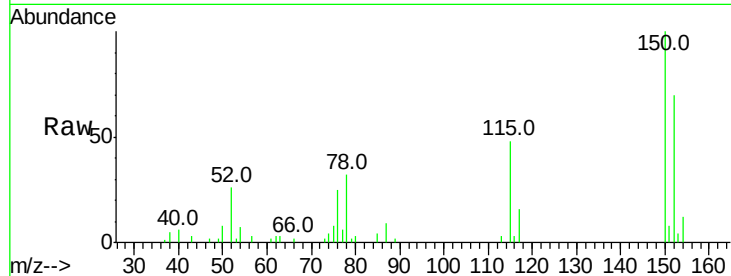
Tot Ion:152 Resp: 13243

Ion Ratio Lower Upper

152 100

150 143.6 114.0 171.0

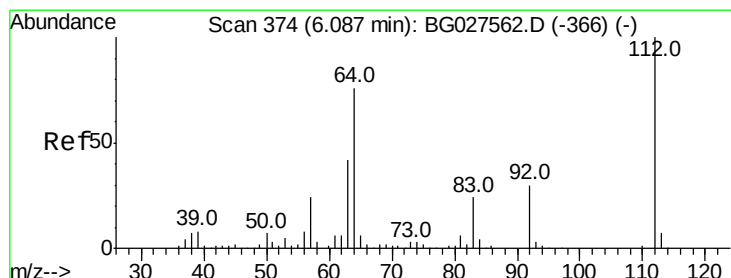
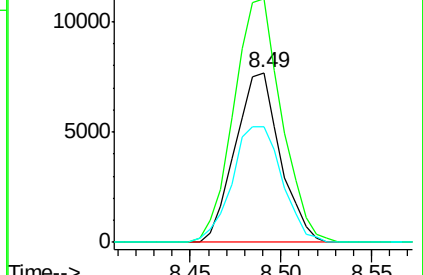
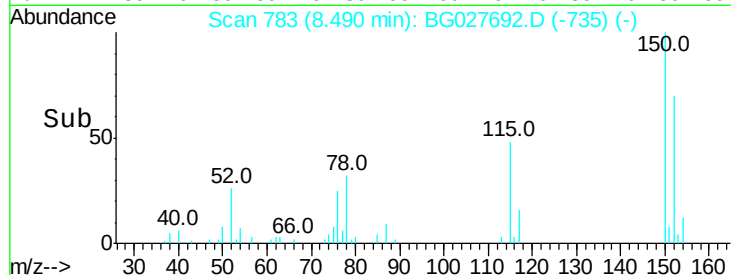
115 68.6 48.1 72.1



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: 110.49 ng

RT: 6.07 min Scan# 371

Delta R.T. -0.02 min

Lab File: BG027692.D

Acq: 27 Jun 2017 2:23

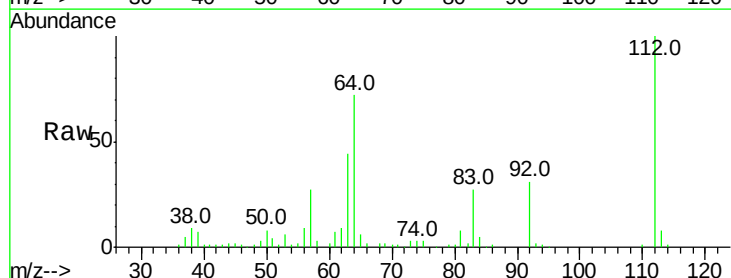
Tgt Ion:112 Resp: 102812

Ion Ratio Lower Upper

112 100

64 71.8 61.8 92.6

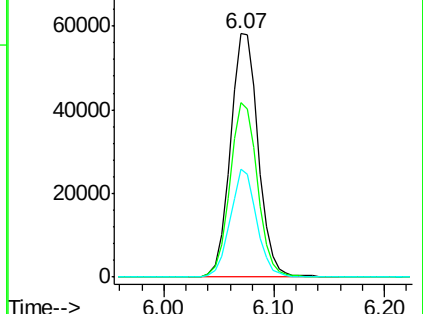
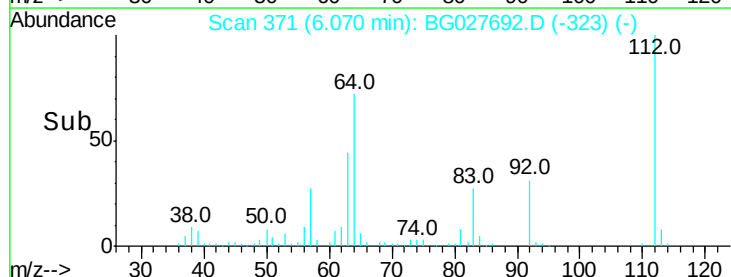
63 44.1 37.2 55.8

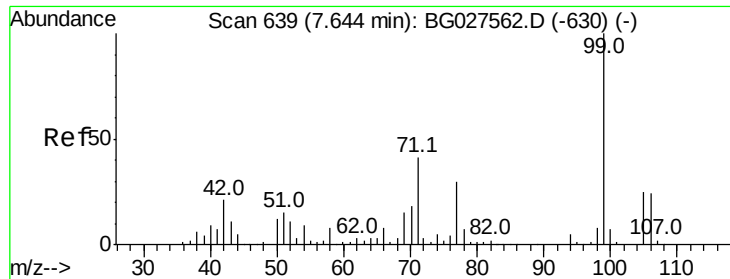


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 90.97 ng

RT: 7.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BG027692.D

Acq: 27 Jun 2017 2:23

Instrument :

BNA_G

ClientSampleId :

EO-02-062317-A

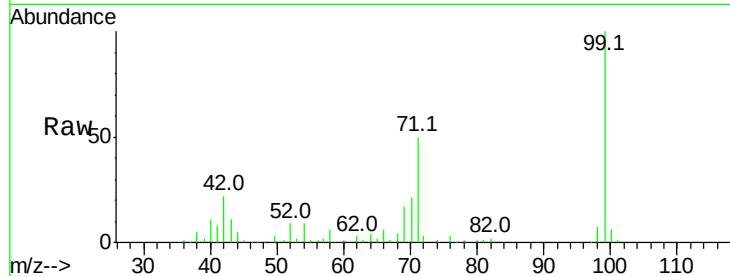
Tot Ion: 99 Resp: 125306

Ion Ratio Lower Upper

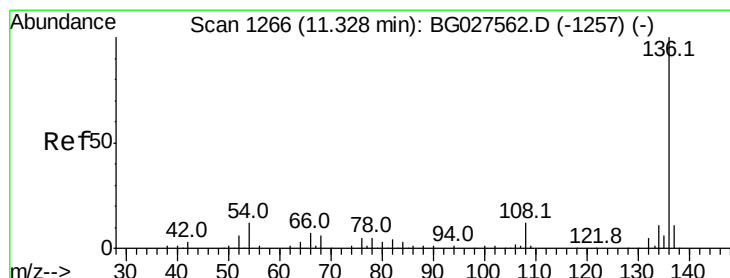
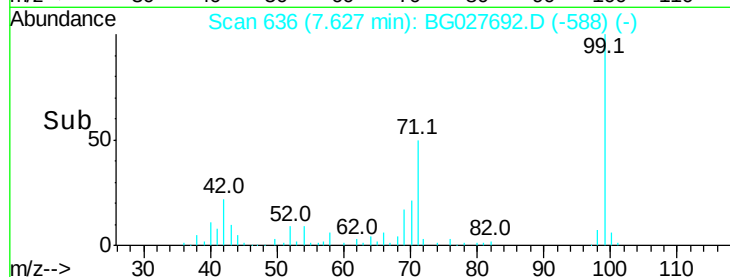
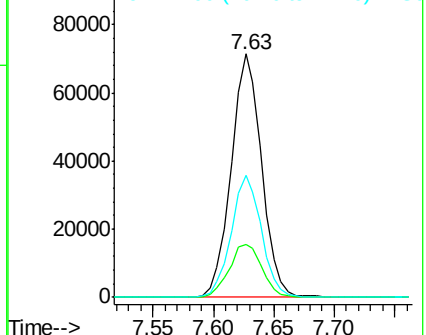
99 100

42 22.0 20.5 30.7

71 49.9 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: 20.00 ng

RT: 11.30 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BG027692.D

Acq: 27 Jun 2017 2:23

Tgt Ion: 136 Resp: 60303

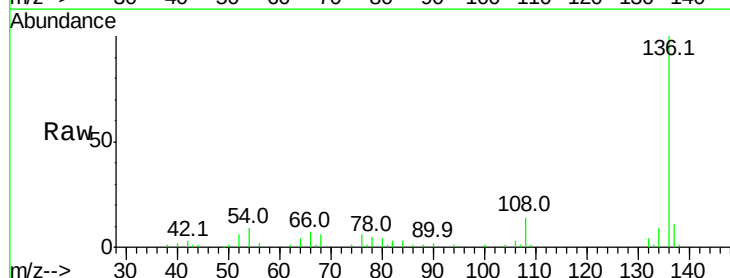
Ion Ratio Lower Upper

136 100

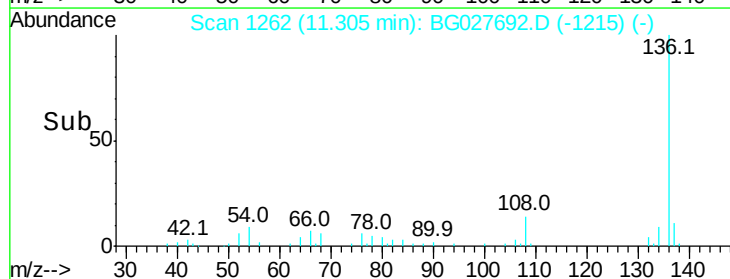
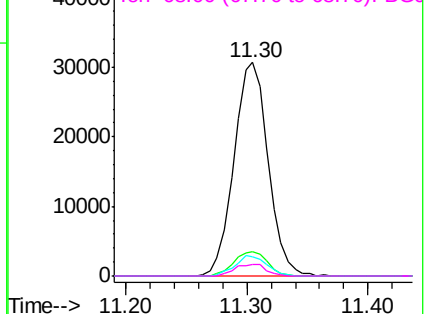
137 11.5 8.9 13.3

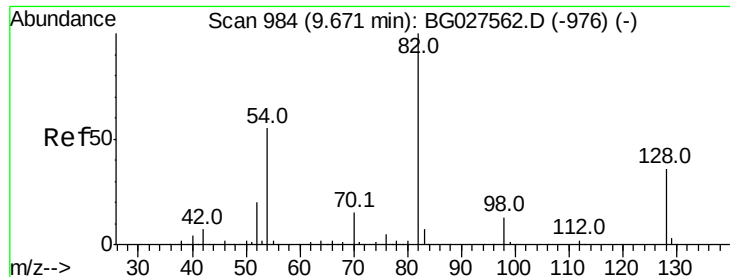
54 9.1 9.3 13.9#

68 5.7 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

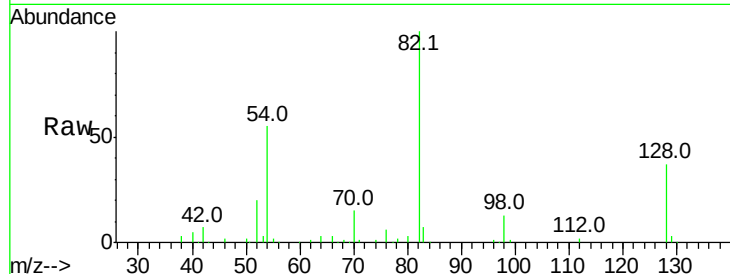




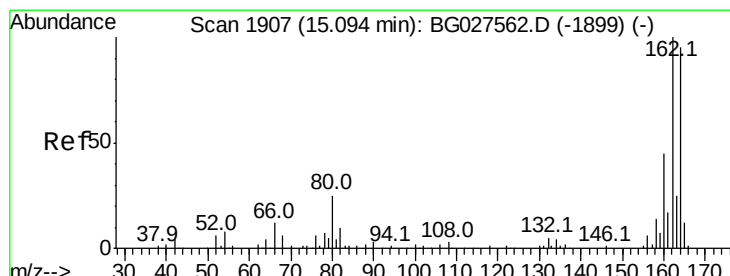
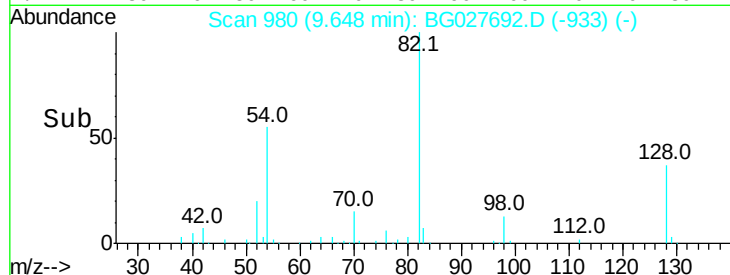
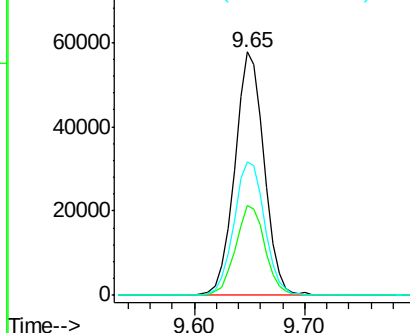
#23
 Nitrobenzene-d5
 Concen: 84.38 ng
 RT: 9.65 min Scan# 980
 Delta R.T. -0.02 min
 Lab File: BG027692.D
 Acq: 27 Jun 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-062317-A

Tot Ion	82	Resp	107532
Ion Ratio	Lower	Upper	
82	100		
128	36.9	26.4	39.6
54	54.7	49.4	74.2

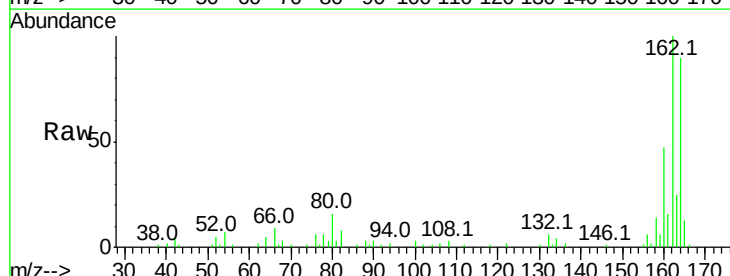


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

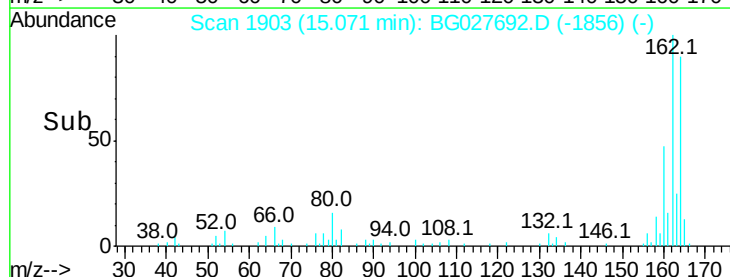
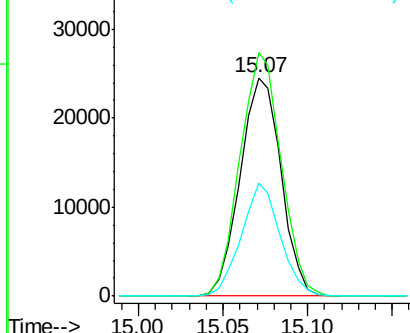


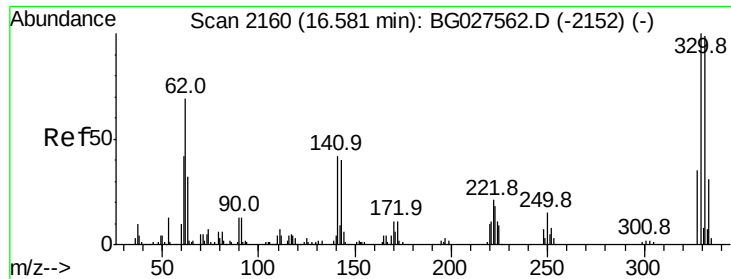
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1903
 Delta R.T. -0.02 min
 Lab File: BG027692.D
 Acq: 27 Jun 2017 2:23

Tgt Ion	164	Resp	41249
Ion Ratio	Lower	Upper	
164	100		
162	111.4	85.1	127.7
160	51.9	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

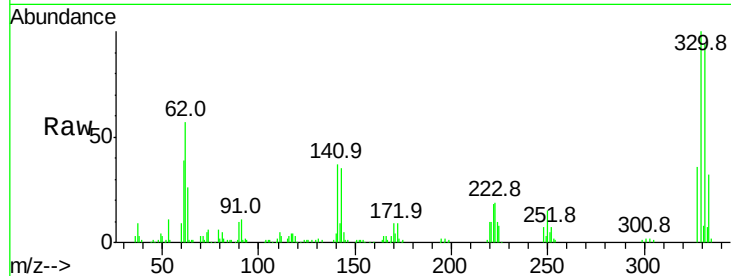




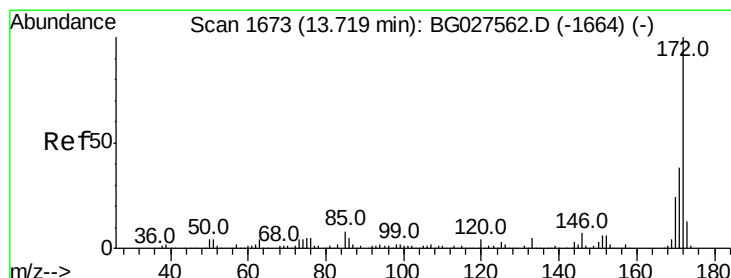
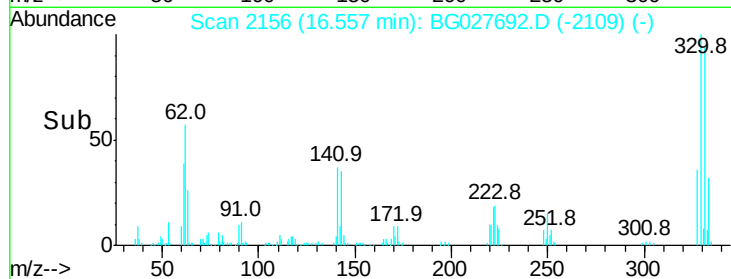
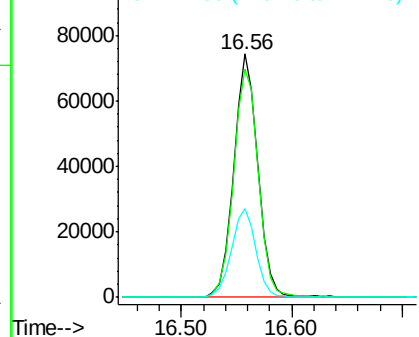
#41
 2,4,6-Tribromophenol
 Concen: 184.88 ng
 RT: 16.56 min Scan# 2156
 Delta R.T. -0.02 min
 Lab File: BG027692.D
 Acq: 27 Jun 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-062317-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	37.3	32.1	48.1

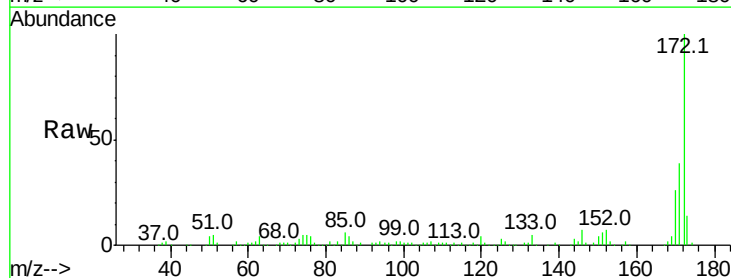


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

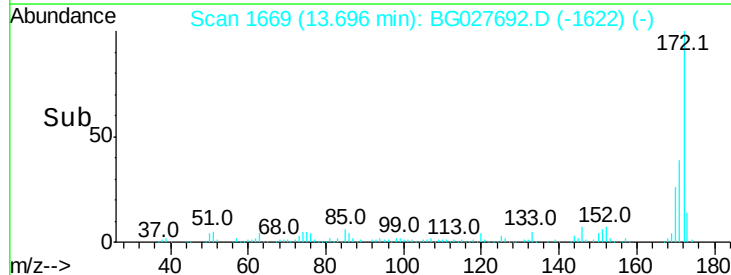
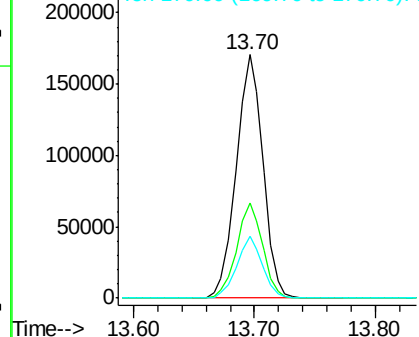


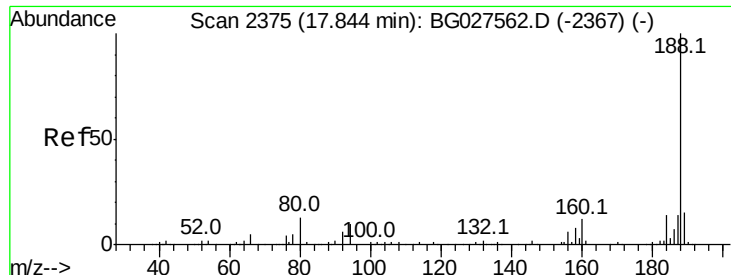
#44
 2-Fluorobiphenyl
 Concen: 86.77 ng
 RT: 13.70 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BG027692.D
 Acq: 27 Jun 2017 2:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.2	48.2
170	25.6	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: 20.00 ng

RT: 17.82 min Scan# 2371

Delta R.T. -0.02 min

Lab File: BG027692.D

Acq: 27 Jun 2017 2:23

Instrument :

BNA_G

ClientSampleId :

EO-02-062317-A

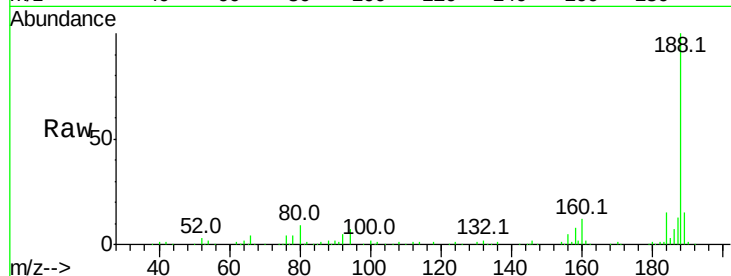
Tot Ion:188 Resp: 133476

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

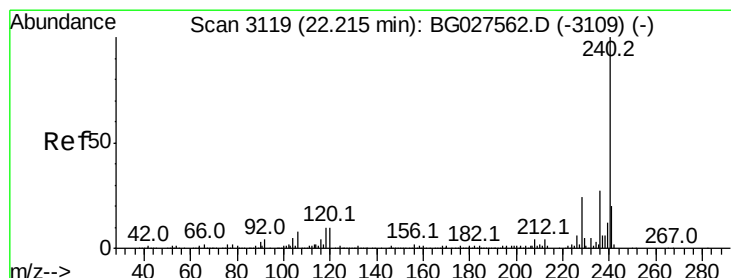
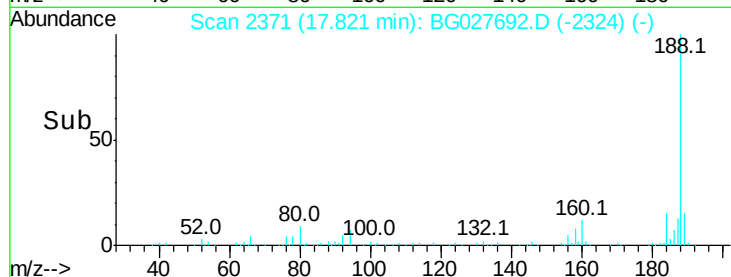
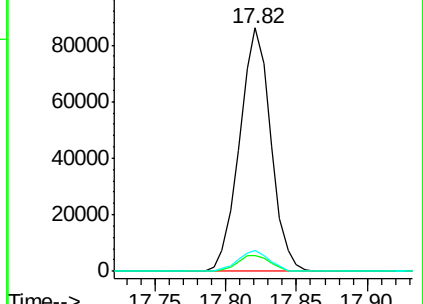
80 8.7 7.5 11.3



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: 20.00 ng

RT: 22.18 min Scan# 3113

Delta R.T. -0.04 min

Lab File: BG027692.D

Acq: 27 Jun 2017 2:23

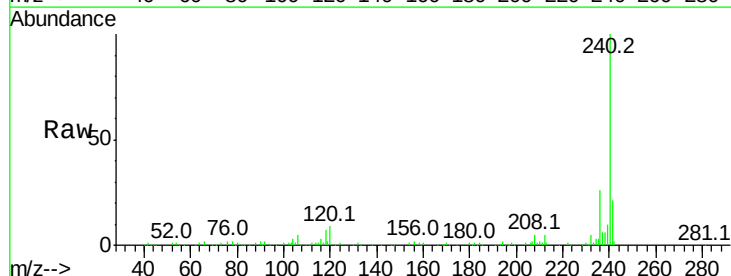
Tgt Ion:240 Resp: 151098

Ion Ratio Lower Upper

240 100

120 8.7 5.7 8.5#

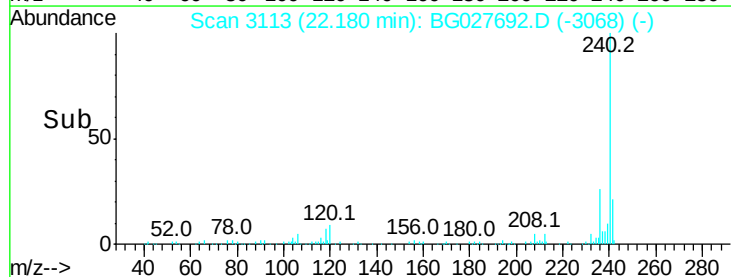
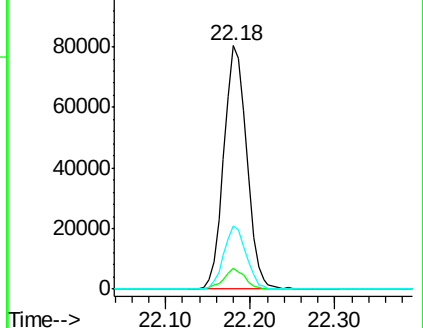
236 25.8 22.2 33.4

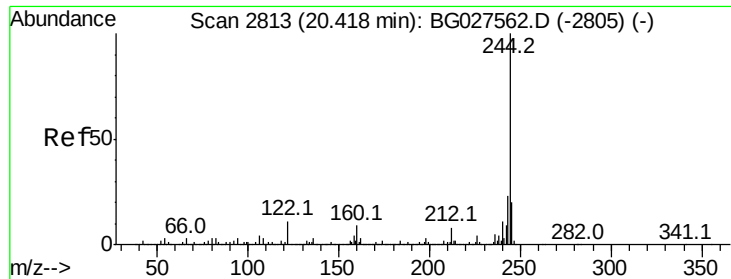


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

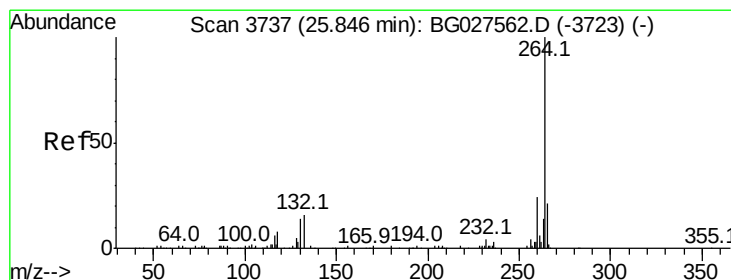
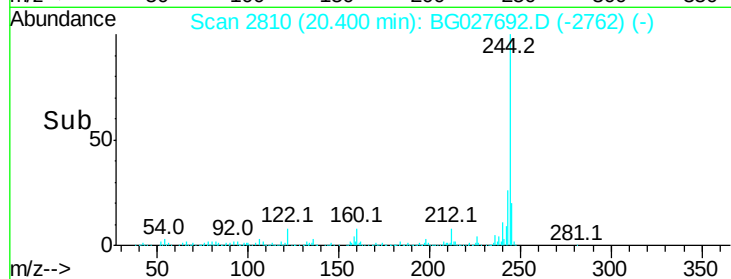
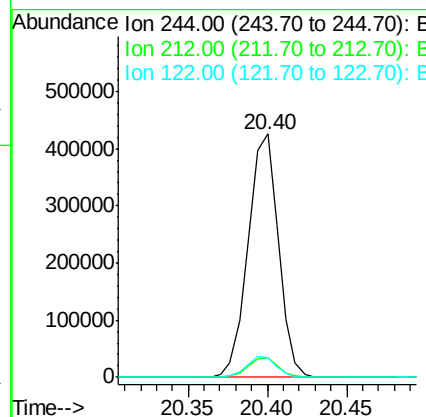
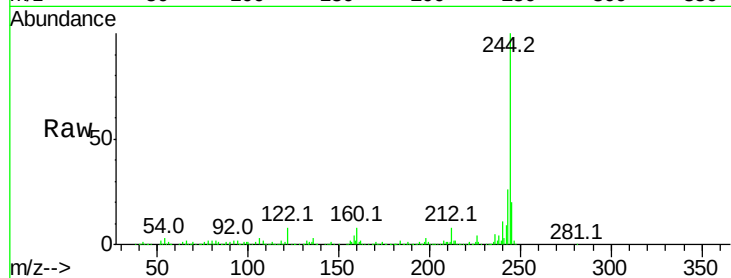




#78
 Terphenyl-d14
 Concen: 87.96 ng
 RT: 20.40 min Scan# 2810
 Delta R.T. -0.02 min
 Lab File: BG027692.D
 Acq: 27 Jun 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-062317-A

Tot Ion:244 Resp: 564090
 Ion Ratio Lower Upper
 244 100
 212 8.0 10.0 15.0#
 122 8.2 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.80 min Scan# 3729
 Delta R.T. -0.05 min
 Lab File: BG027692.D
 Acq: 27 Jun 2017 2:23

Tgt Ion:264 Resp: 145335
 Ion Ratio Lower Upper
 264 100
 260 24.6 21.8 32.8
 265 18.8 18.2 27.4

