

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
 Data File : BG018638.D
 Acq On : 11 Sep 2015 14:19
 Operator : UM/IZ
 Sample : G3623-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SES-EFFLUENT-CS-6

Quant Time: Sep 11 15:18:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

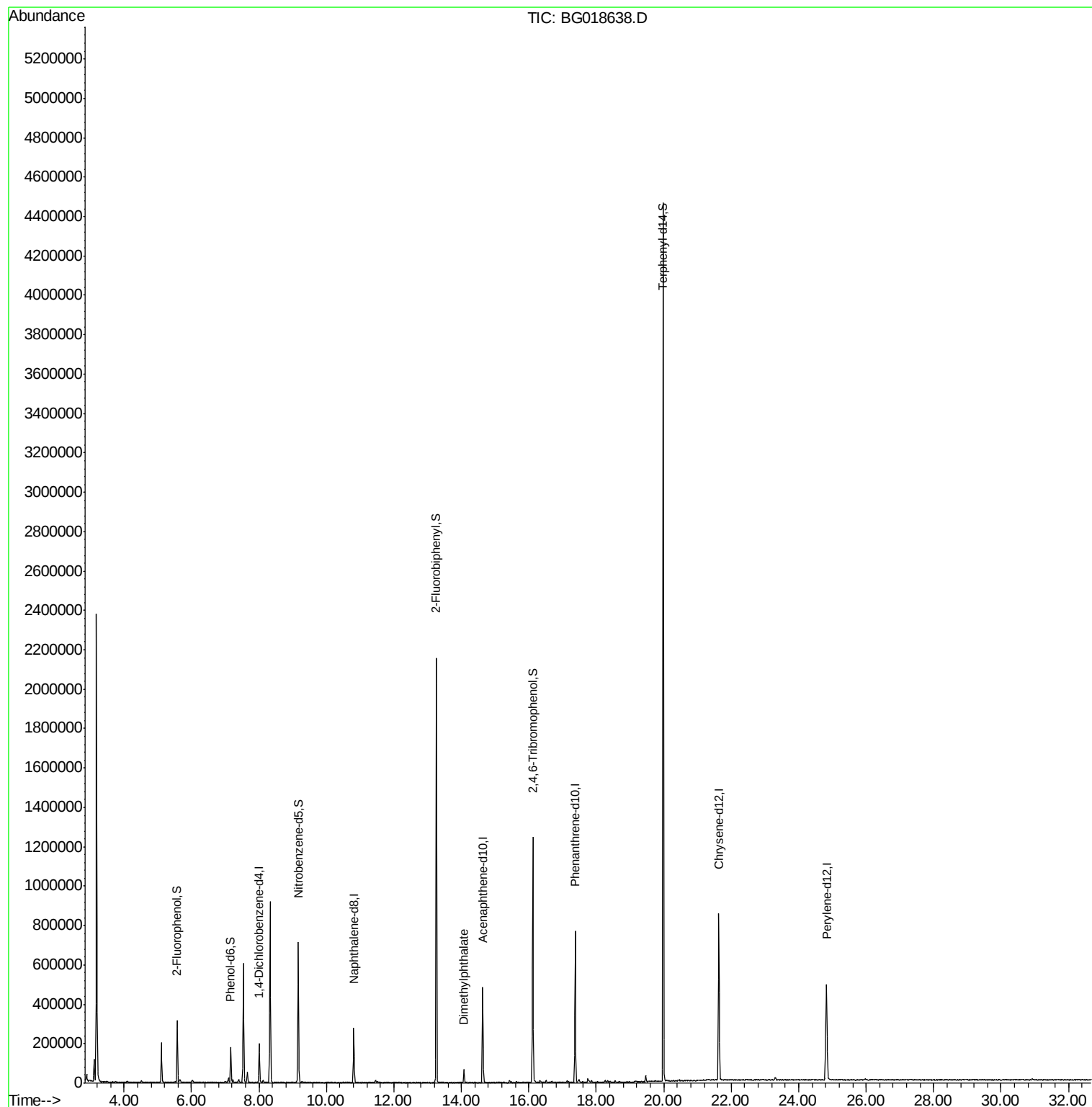
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	59020	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	246065	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	164608	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	465010	20.00	ng	0.00
75) Chrysene-d12	21.63	240	517914	20.00	ng	0.00
86) Perylene-d12	24.82	264	508812	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	143666	42.05	ng	0.00
7) Phenol-d6	7.16	99	117587	24.00	ng	0.00
23) Nitrobenzene-d5	9.17	82	450220	102.38	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	242036	109.20	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	1165153	98.26	ng	0.00
78) Terphenyl-d14	19.98	244	1884989	95.57	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.08	163	48026	3.52	ng	Qvalue 99

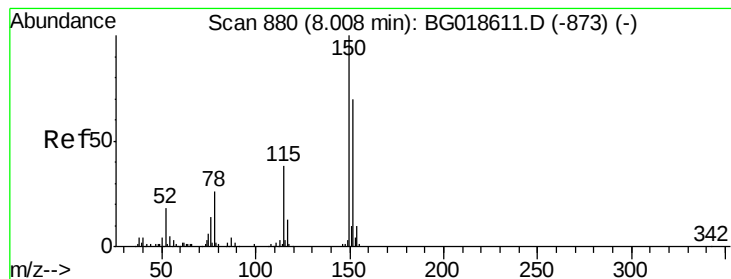
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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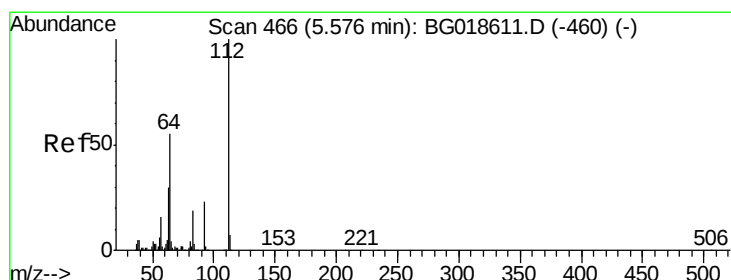
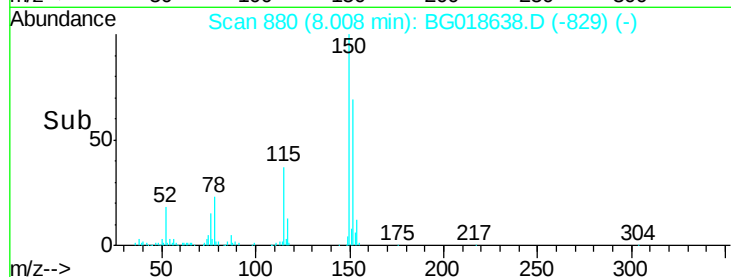
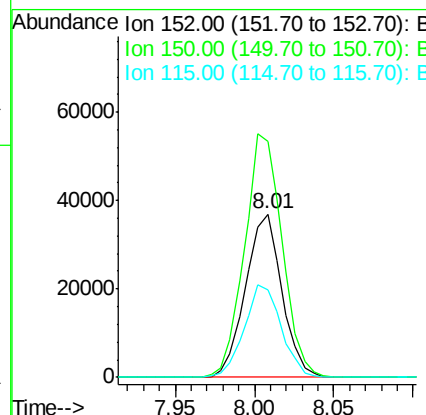
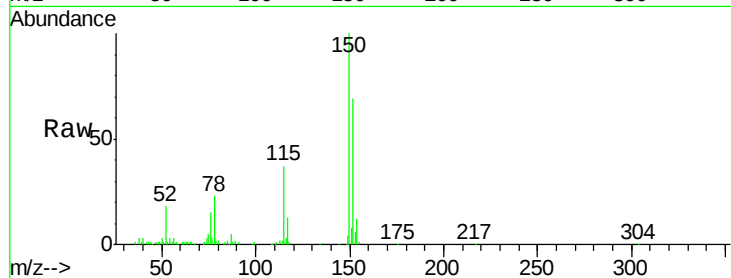


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.01 min Scan# 880
Delta R.T. -0.00 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Instrument :
BNA_G
ClientSampleId :
SES-EFFLUENT-CS-6

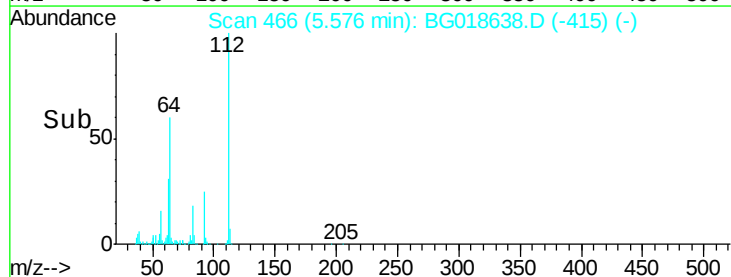
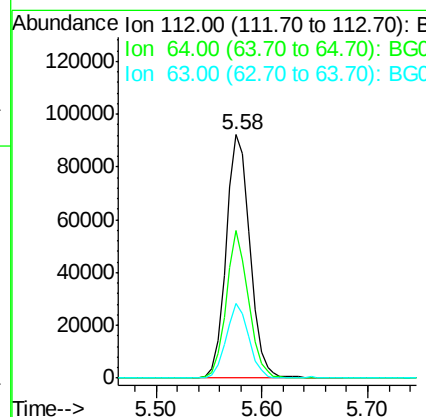
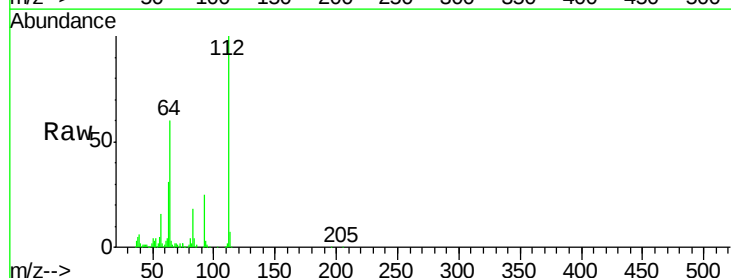
Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.6	115.0	172.4
115	53.6	43.9	65.9

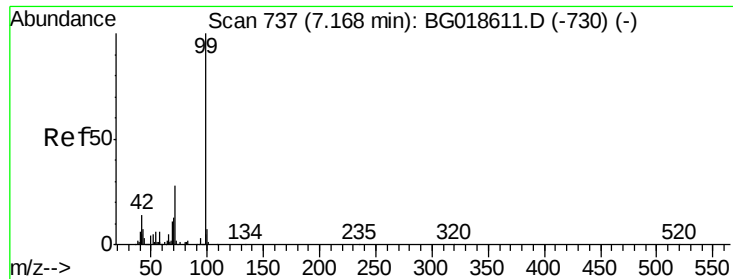


#5

2-Fluorophenol
Concen: 42.05 ng
RT: 5.58 min Scan# 466
Delta R.T. -0.00 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	43.7	65.5
63	30.6	24.0	36.0





#7

Phenol-d6

Concen: 24.00 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018638.D

Acq: 11 Sep 2015 14:19

Instrument :

BNA_G

ClientSampleId :

SES-EFFLUENT-CS-6

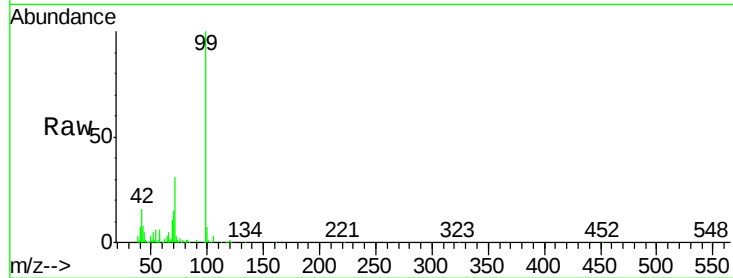
Tgt Ion: 99 Resp: 117587

Ion Ratio Lower Upper

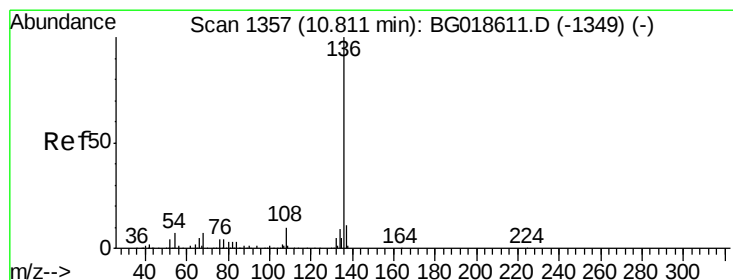
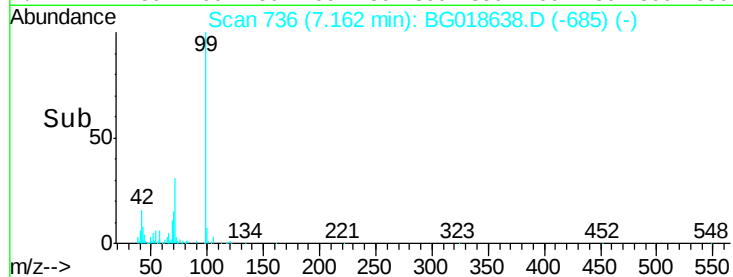
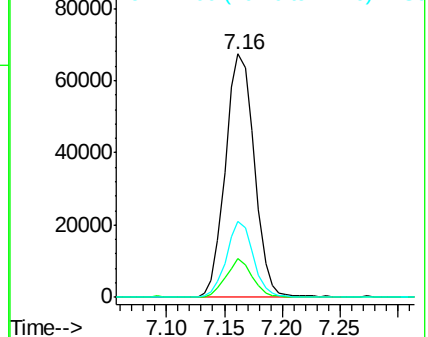
99 100

42 16.2 11.5 17.3

71 31.3 22.6 34.0



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: 10.81 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG018638.D

Acq: 11 Sep 2015 14:19

Tgt Ion: 136 Resp: 246065

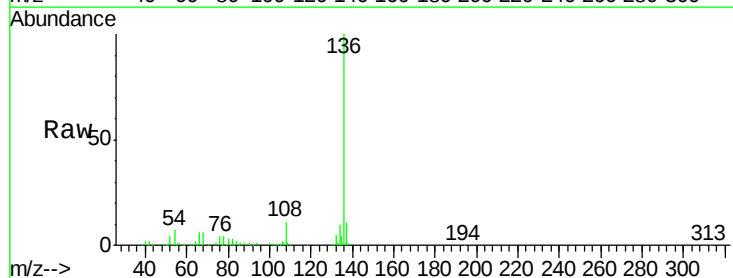
Ion Ratio Lower Upper

136 100

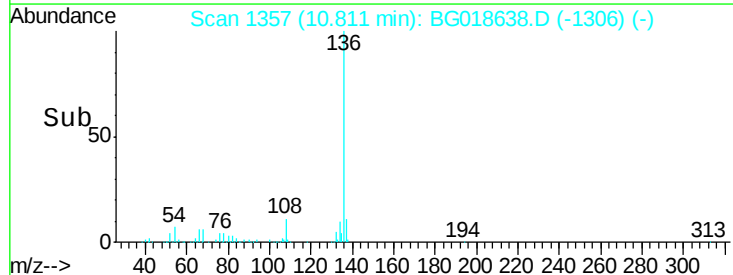
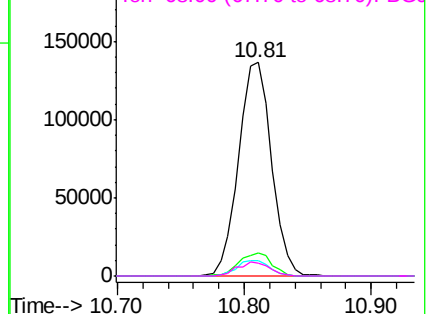
137 10.8 8.6 12.8

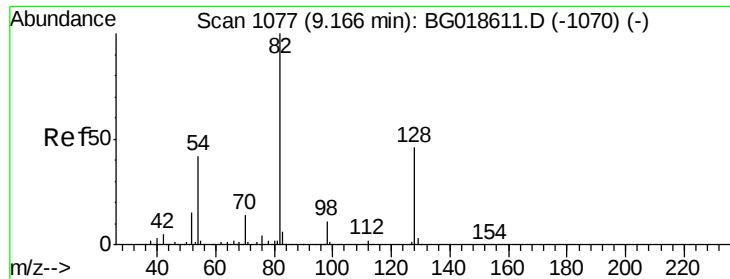
54 7.4 5.4 8.2

68 6.1 5.3 7.9



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

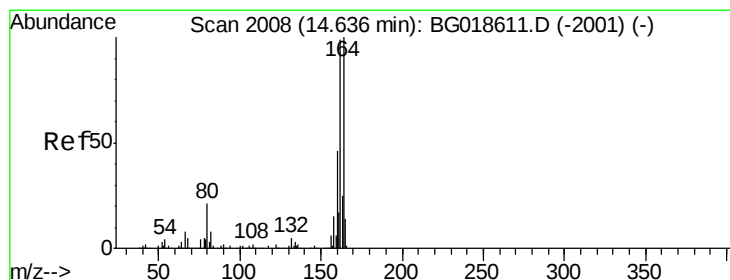
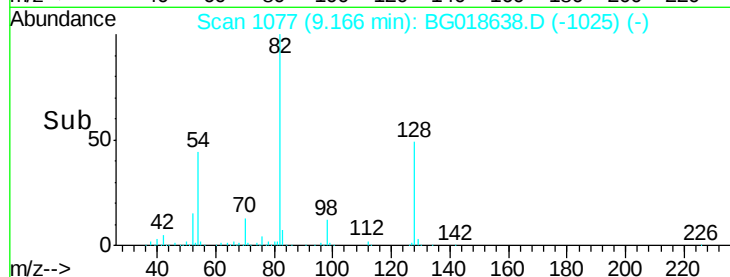
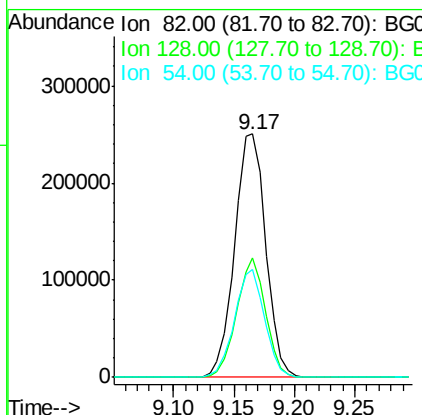
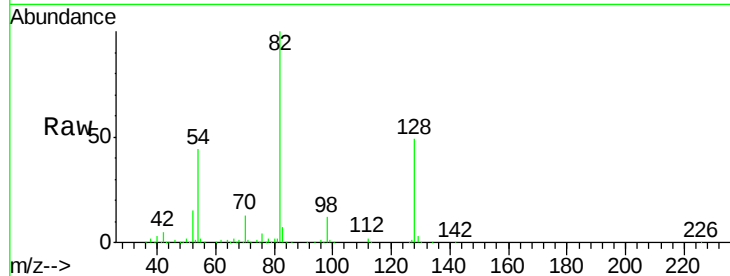




#23
 Nitrobenzene-d5
 Concen: 102.38 ng
 RT: 9.17 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BG018638.D
 Acq: 11 Sep 2015 14:19

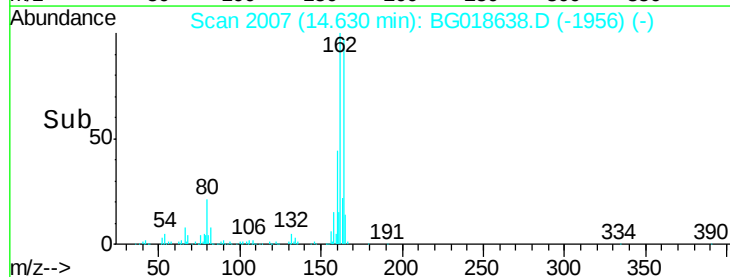
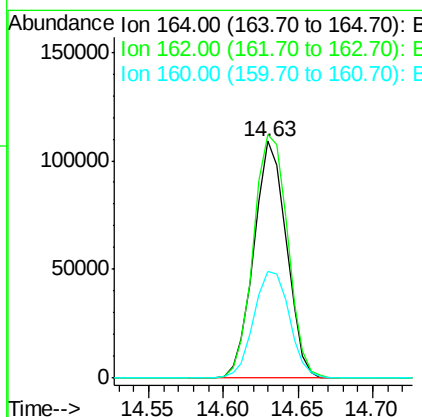
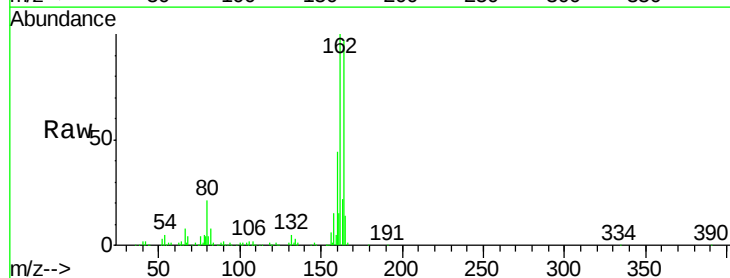
Instrument :
 BNA_G
 ClientSampleId :
 SES-EFFLUENT-CS-6

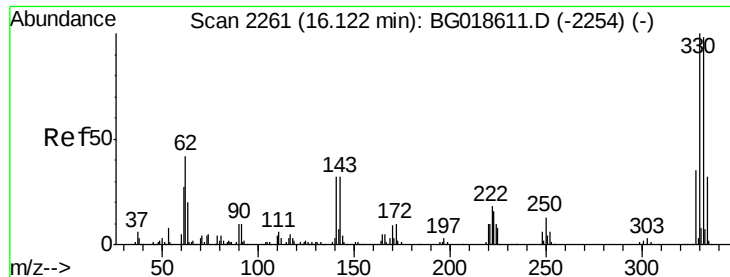
Tgt Ion: 82 Resp: 450220
 Ion Ratio Lower Upper
 82 100
 128 48.8 36.7 55.1
 54 44.4 33.8 50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG018638.D
 Acq: 11 Sep 2015 14:19

Tgt Ion: 164 Resp: 164608
 Ion Ratio Lower Upper
 164 100
 162 102.9 78.8 118.2
 160 45.2 36.4 54.6

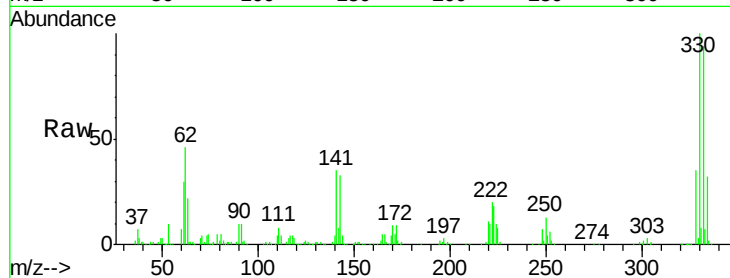




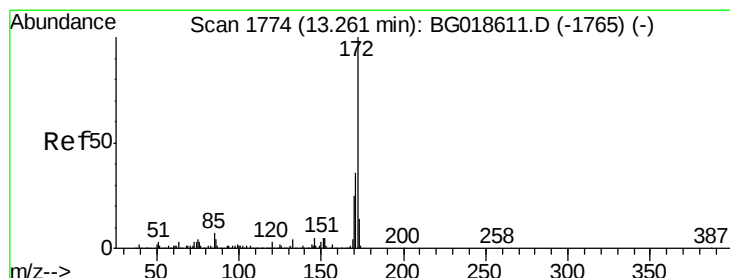
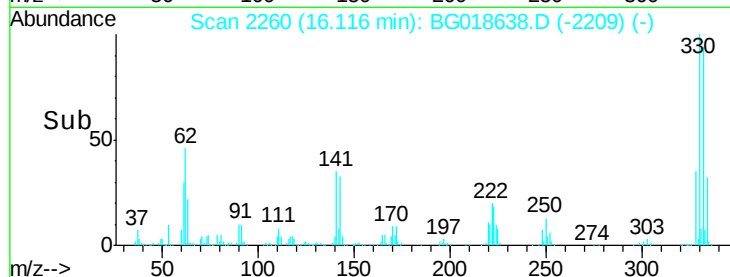
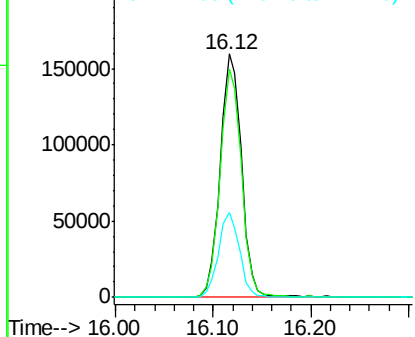
#41
 2,4,6-Tribromophenol
 Concen: 109.20 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: BG018638.D
 Acq: 11 Sep 2015 14:19

Instrument :
 BNA_G
 ClientSampleId :
 SES-EFFLUENT-CS-6

Tgt Ion:330 Resp: 242036
 Ion Ratio Lower Upper
 330 100
 332 93.6 78.1 117.1
 141 34.4 28.2 42.2

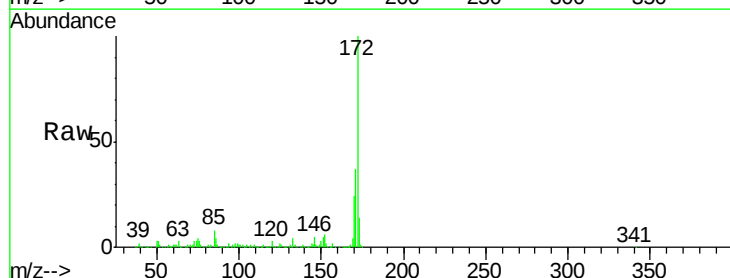


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

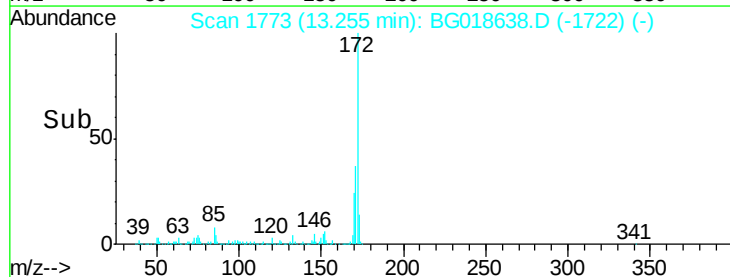
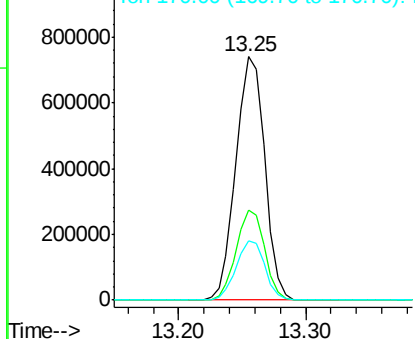


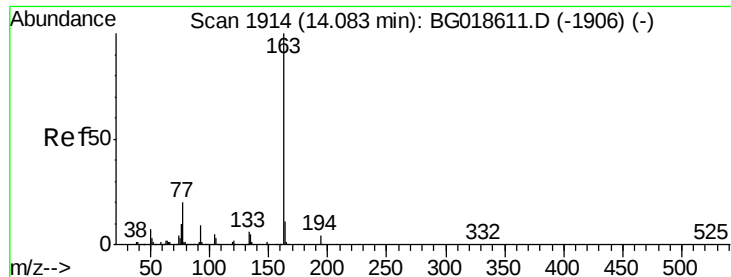
#44
 2-Fluorobiphenyl
 Concen: 98.26 ng
 RT: 13.25 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG018638.D
 Acq: 11 Sep 2015 14:19

Tgt Ion:172 Resp: 1165153
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.6
 170 24.3 19.9 29.9



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





#49

Dimethylphthalate

Concen: 3.52 ng

RT: 14.08 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG018638.D

Acq: 11 Sep 2015 14:19

Instrument :

BNA_G

ClientSampleId :

SES-EFFLUENT-CS-6

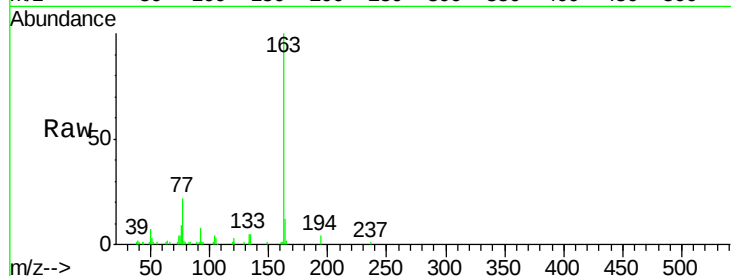
Tgt Ion:163 Resp: 48026

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

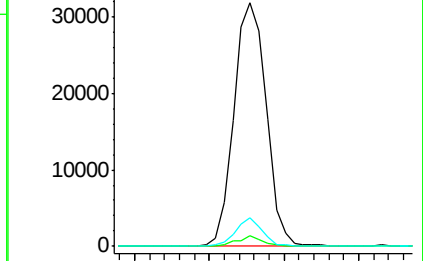
164 11.6 8.8 13.2



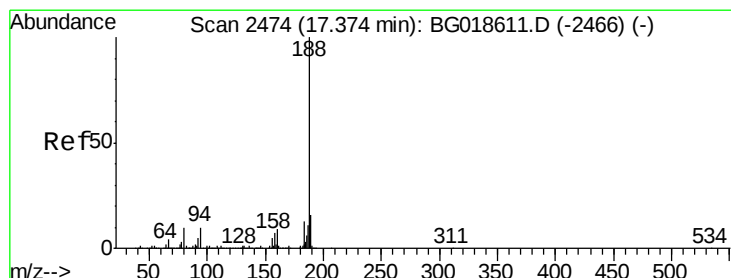
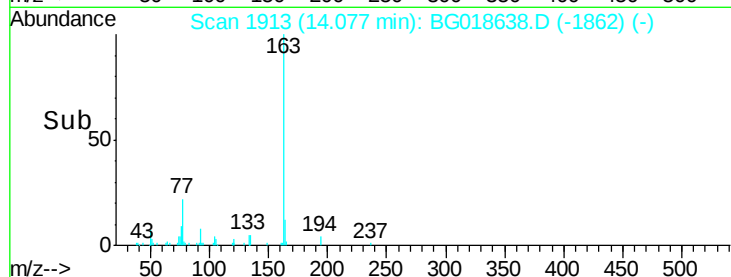
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 14.00 14.05 14.10 14.15



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG018638.D

Acq: 11 Sep 2015 14:19

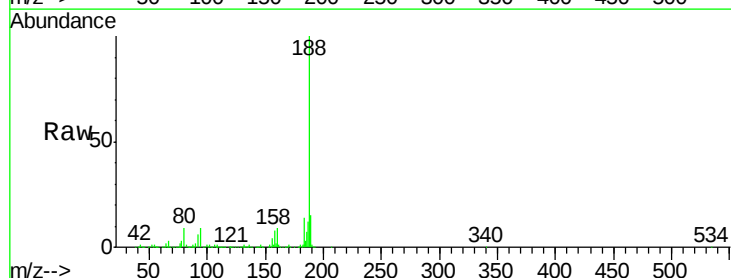
Tgt Ion:188 Resp: 465010

Ion Ratio Lower Upper

188 100

94 8.9 7.7 11.5

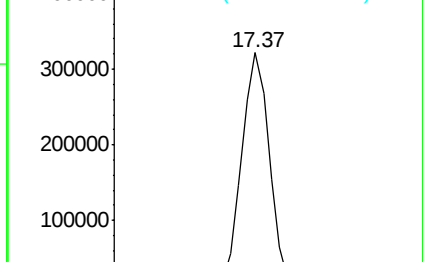
80 9.4 7.8 11.8



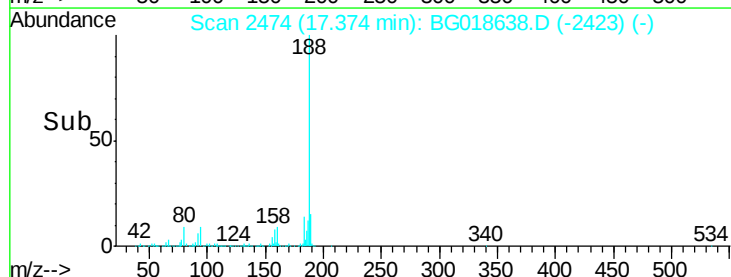
Abundance Ion 188.00 (187.70 to 188.70): E

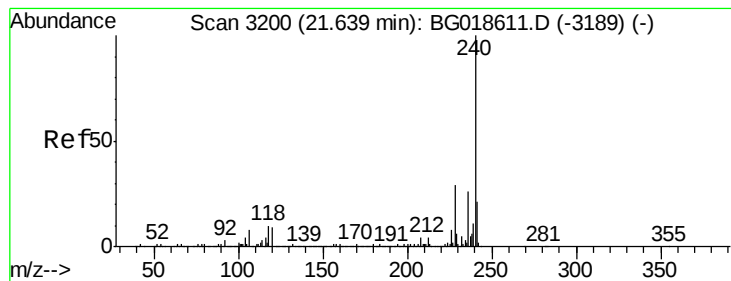
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.30 17.35 17.40 17.45





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BG018638.D

Acq: 11 Sep 2015 14:19

Instrument :

BNA_G

ClientSampleId :

SES-EFFLUENT-CS-6

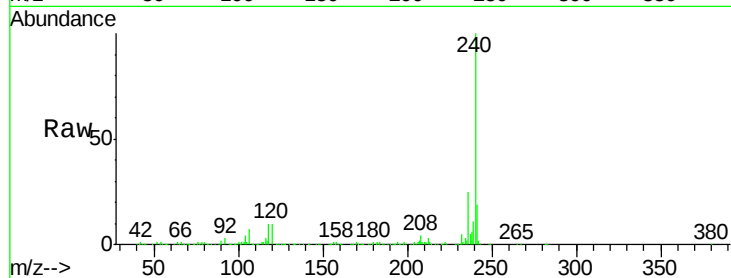
Tgt Ion:240 Resp: 517914

Ion Ratio Lower Upper

240 100

120 10.1 7.4 11.0

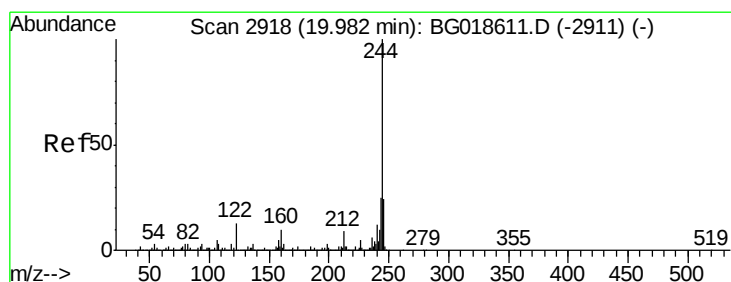
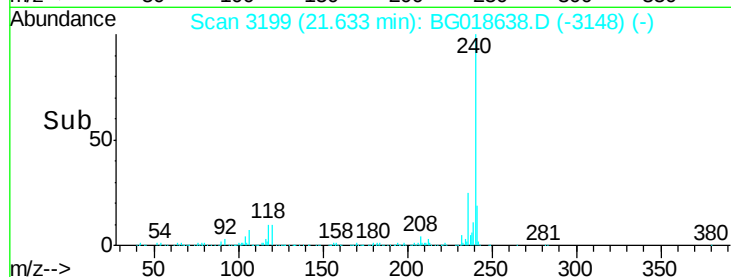
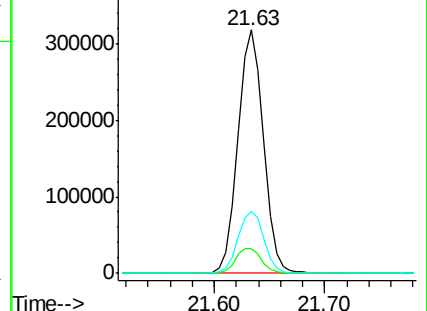
236 25.3 20.7 31.1



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: 95.57 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BG018638.D

Acq: 11 Sep 2015 14:19

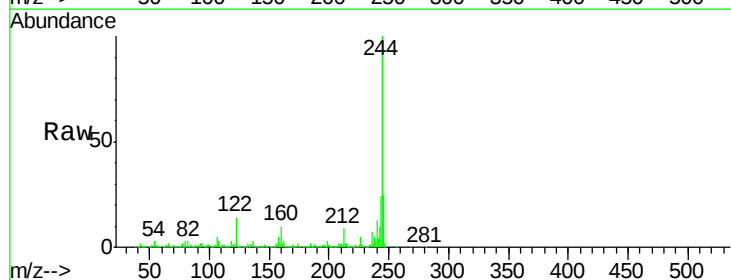
Tgt Ion:244 Resp: 1884989

Ion Ratio Lower Upper

244 100

212 9.4 6.9 10.3

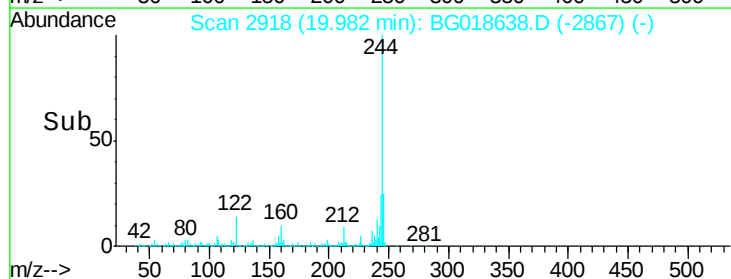
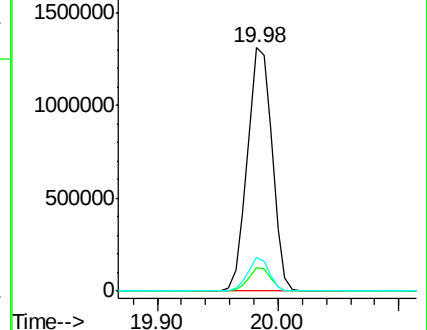
122 13.7 10.2 15.2

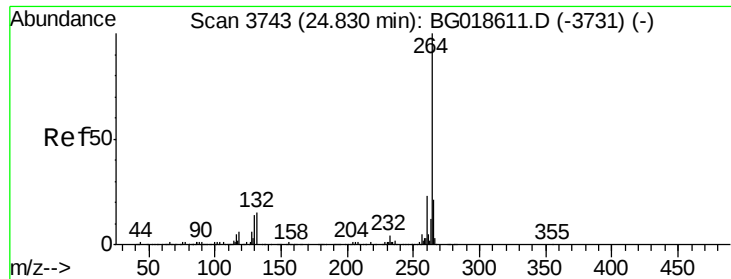


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3742
Delta R.T. -0.00 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Instrument :
BNA_G
ClientSampleId :
SES-EFFLUENT-CS-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.5	27.7
265	21.5	17.2	25.8

