

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091115\
 Data File : BG018621.D
 Acq On : 11 Sep 2015 2:51
 Operator : UM/IZ
 Sample : G3623-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 11 04:22:25 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 01:56:11 2015
 Response via : Initial Calibration

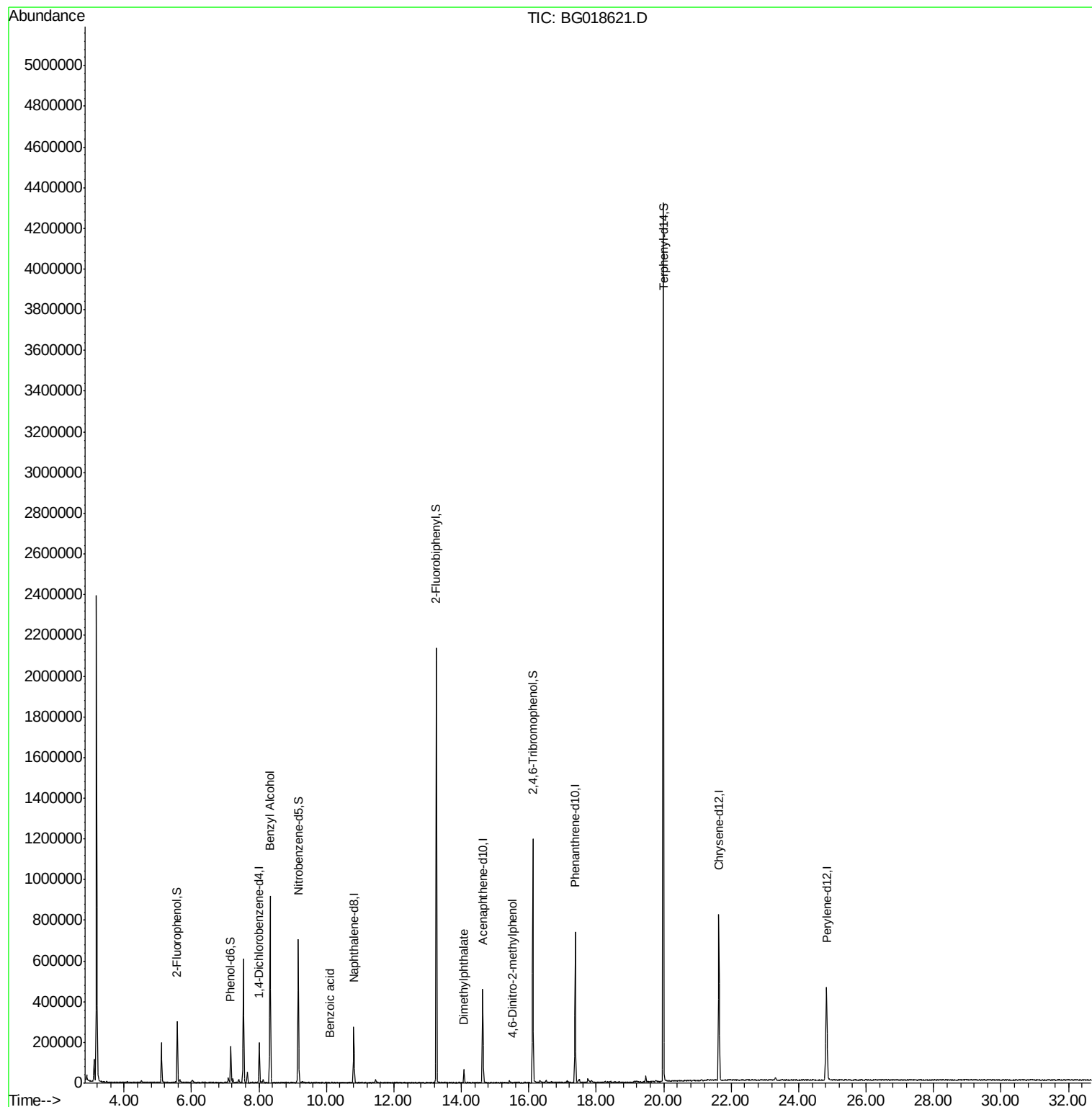
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	58923	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	242429	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	161016	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	443207	20.00	ng	0.00
75) Chrysene-d12	21.63	240	488359	20.00	ng	0.00
86) Perylene-d12	24.82	264	473676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	143019	41.93	ng	0.00
7) Phenol-d6	7.16	99	115853	23.69	ng	0.00
23) Nitrobenzene-d5	9.17	82	438327	101.17	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	225726	104.11	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1139132	98.21	ng	0.00
78) Terphenyl-d14	19.99	244	1783826	95.92	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.33	79	7098	2.01	ng	# 49
32) Benzoic acid	10.09	122	69	7.95	ng	# 1
49) Dimethylphthalate	14.08	163	45925	3.44	ng	96
64) 4,6-Dinitro-2-methylphenol	15.53	198	56	5.42	ng	# 37

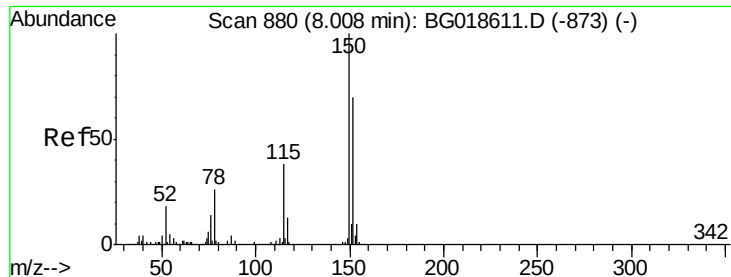
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 01:56:11 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.01 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG018621.D

Acq: 11 Sep 2015 2:51

Instrument :

BNA_G

ClientSampleId :

SES-EFFLUENT-CS-6

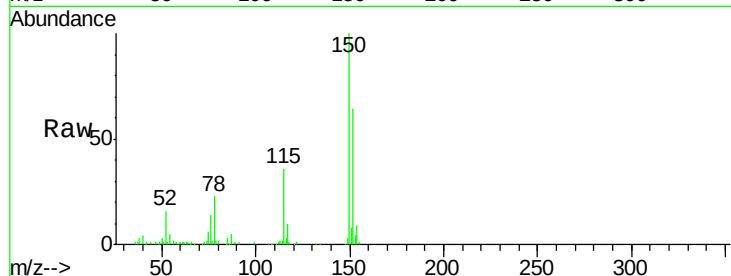
Tot Ion:152 Resp: 58923

Ion Ratio Lower Upper

152 100

150 157.1 115.0 172.4

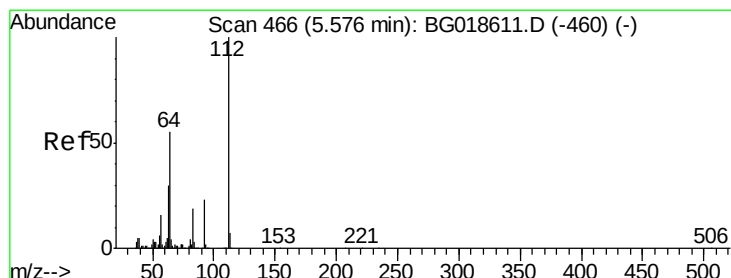
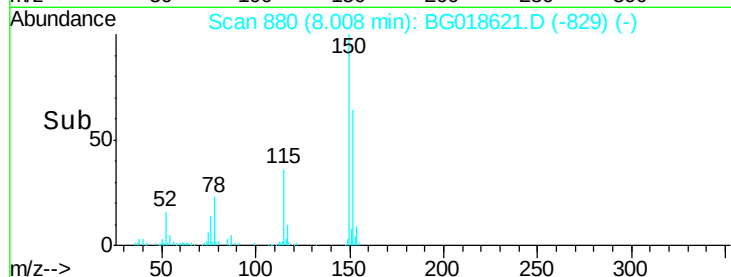
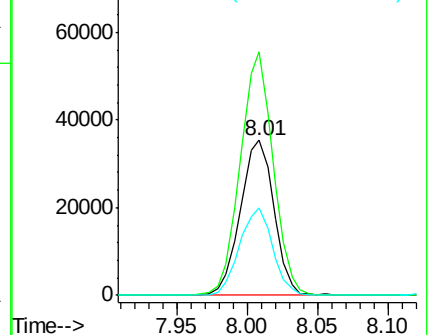
115 56.5 43.9 65.9



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: 41.93 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018621.D

Acq: 11 Sep 2015 2:51

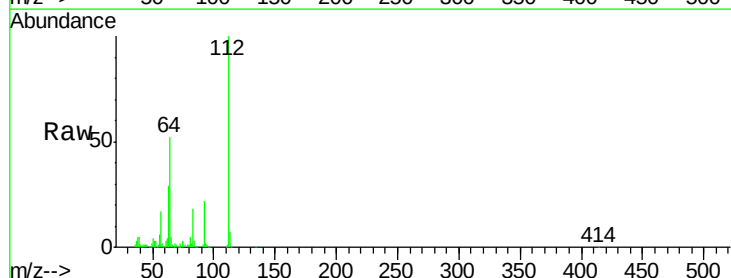
Tgt Ion:112 Resp: 143019

Ion Ratio Lower Upper

112 100

64 52.4 43.7 65.5

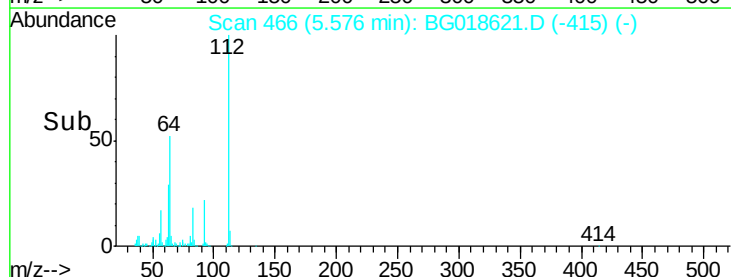
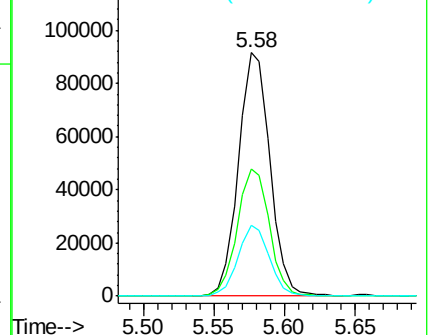
63 29.0 24.0 36.0

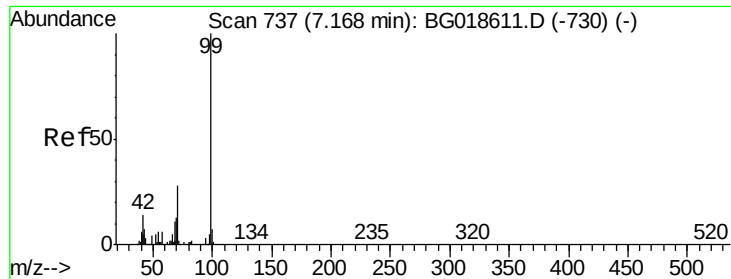


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 23.69 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG018621.D

Acq: 11 Sep 2015 2:51

Instrument :

BNA_G

ClientSampleId :

SES-EFFLUENT-CS-6

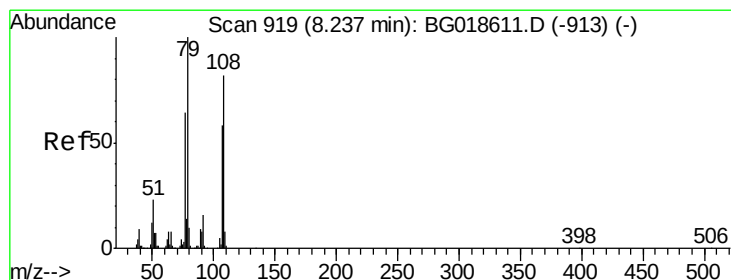
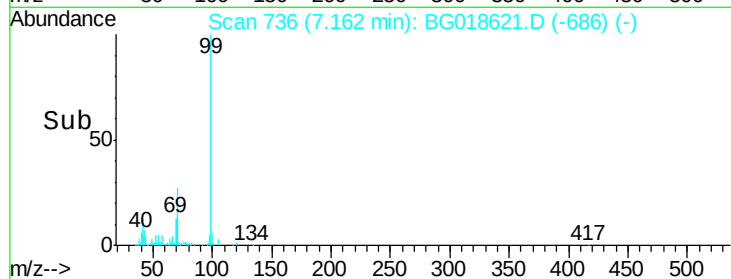
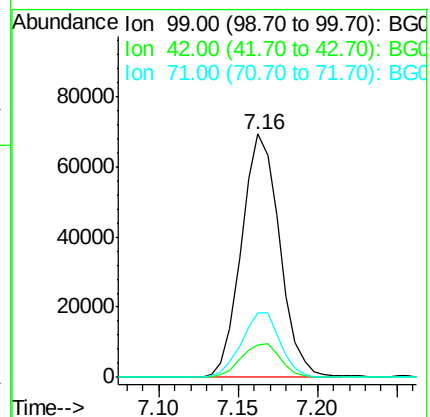
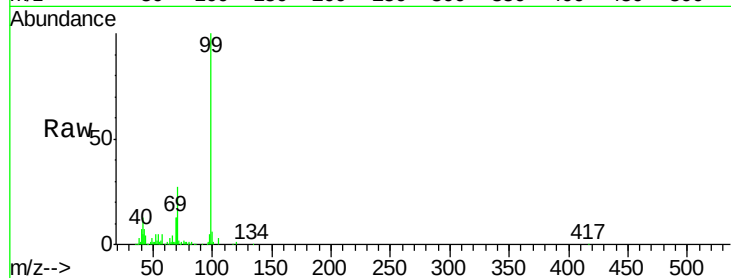
Tot Ion: 99 Resp: 115853

Ion Ratio Lower Upper

99 100

42 13.4 11.5 17.3

71 26.6 22.6 34.0



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 8.33 min Scan# 934

Delta R.T. 0.09 min

Lab File: BG018621.D

Acq: 11 Sep 2015 2:51

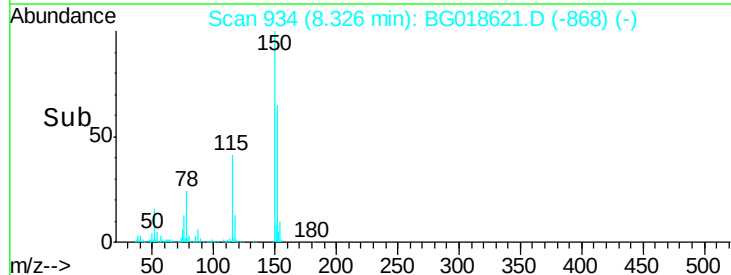
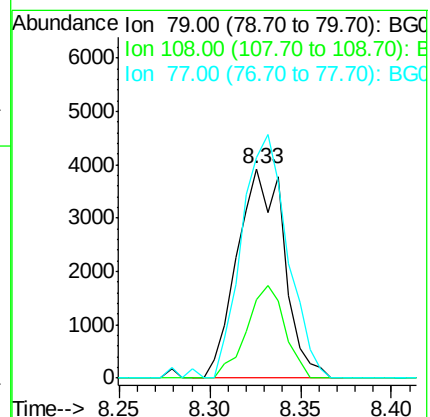
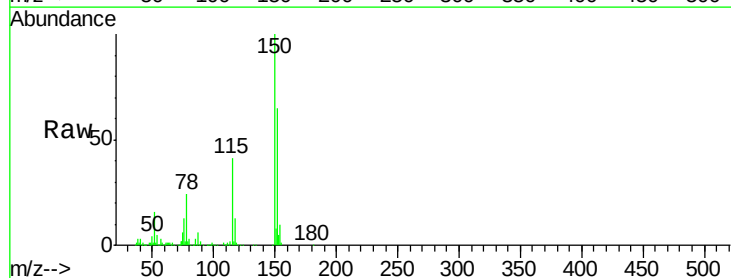
Tgt Ion: 79 Resp: 7098

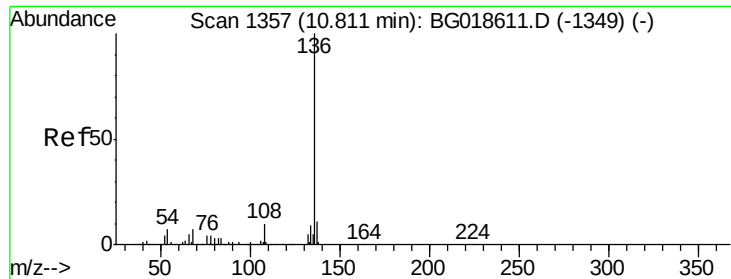
Ion Ratio Lower Upper

79 100

108 37.8 65.5 98.3#

77 105.7 51.3 76.9#

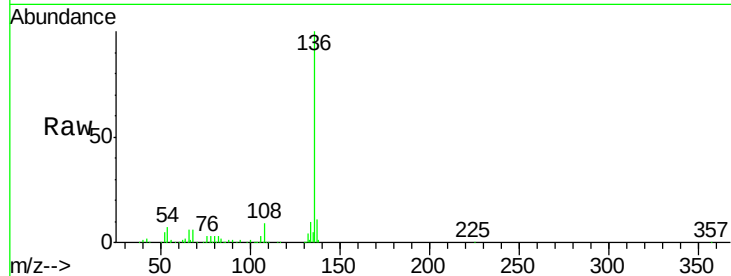




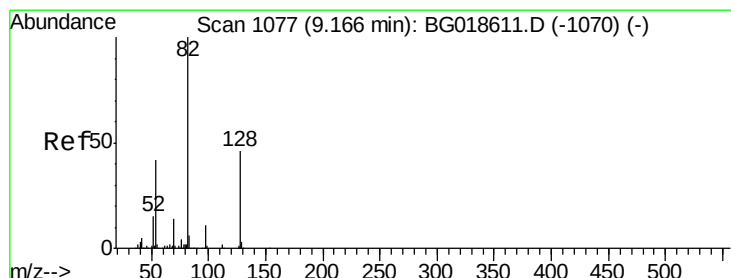
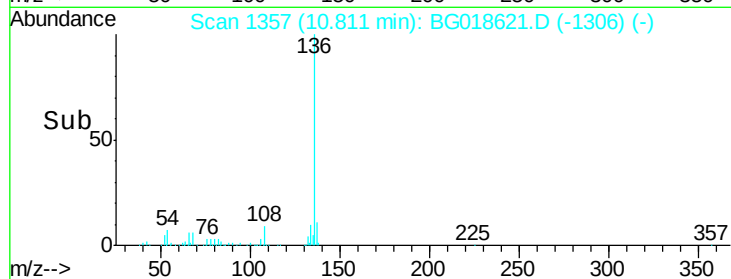
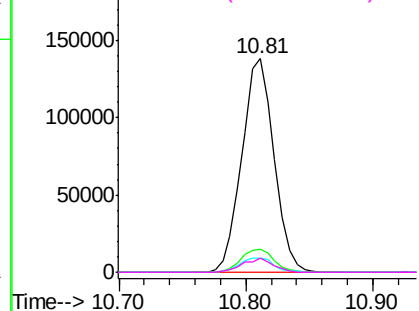
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BG018621.D
Acq: 11 Sep 2015 2:51

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

Tot Ion:136	Resp: 242429
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 12.8
54 6.9	5.4 8.2
68 6.4	5.3 7.9

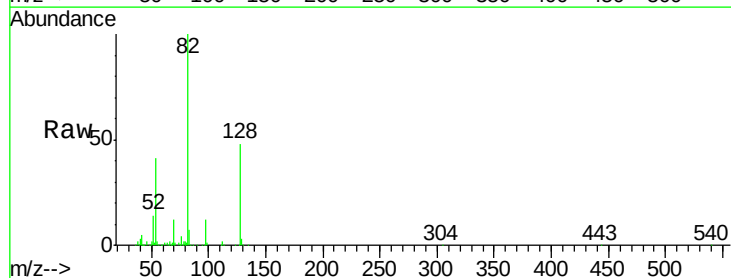


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

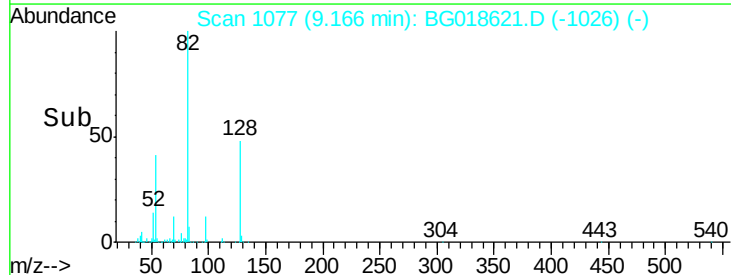
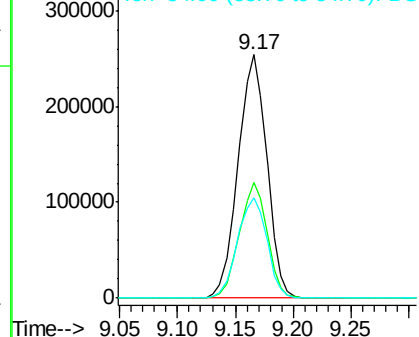


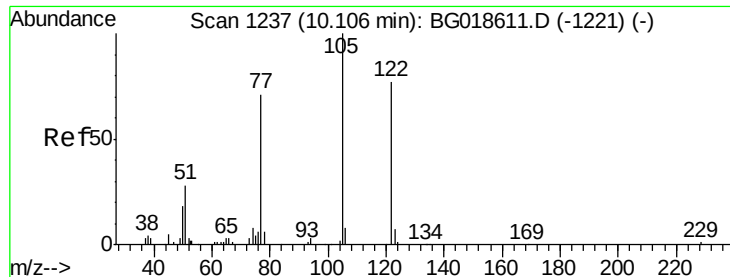
#23
Nitrobenzene-d5
Concen: 101.17 ng
RT: 9.17 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BG018621.D
Acq: 11 Sep 2015 2:51

Tgt	Ion: 82	Resp:	438327
Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.7	55.1
54	41.4	33.8	50.8



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

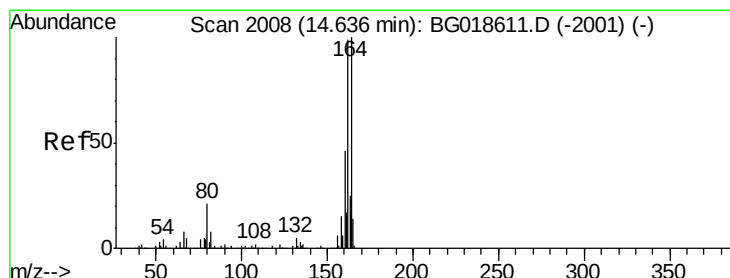
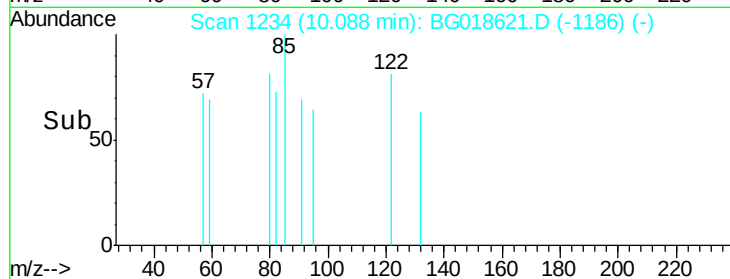
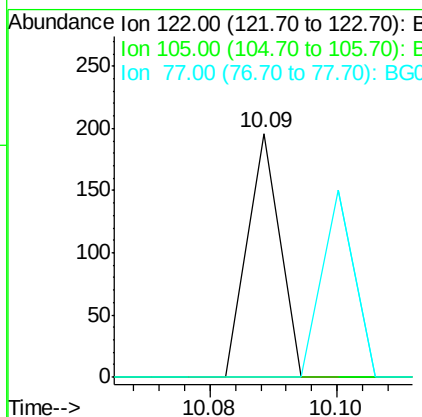
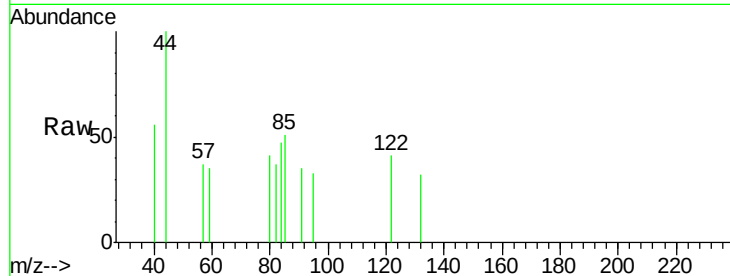




#32
Benzoic acid
Concen: 7.95 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BG018621.D
Acq: 11 Sep 2015 2:51

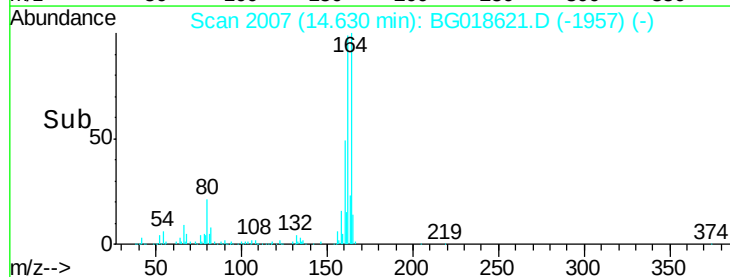
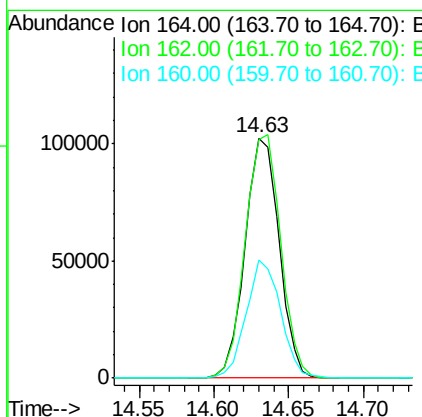
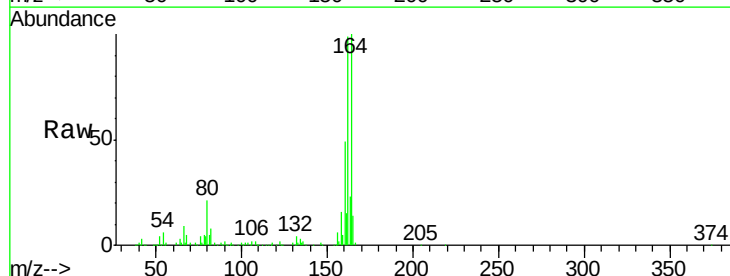
Instrument :
BNA_G
ClientSampleId :
SES-EFFLUENT-CS-6

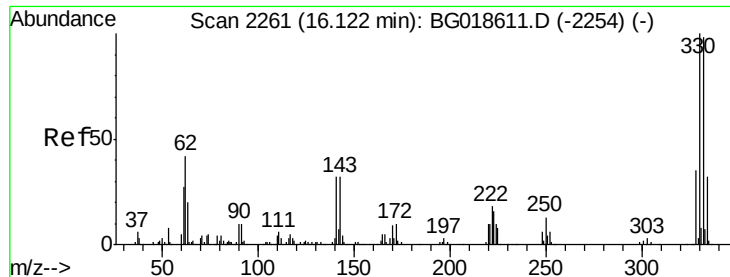
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.8	143.8#
77	0.0	68.8	108.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG018621.D
Acq: 11 Sep 2015 2:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.8	118.2
160	49.1	36.4	54.6

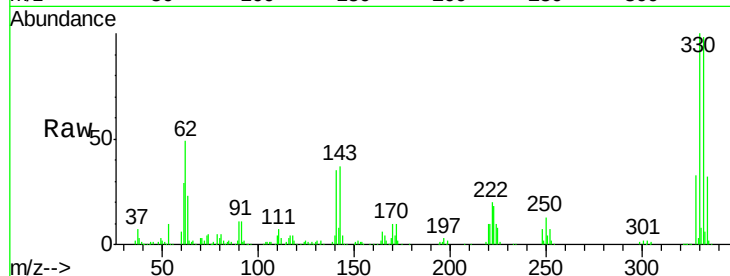




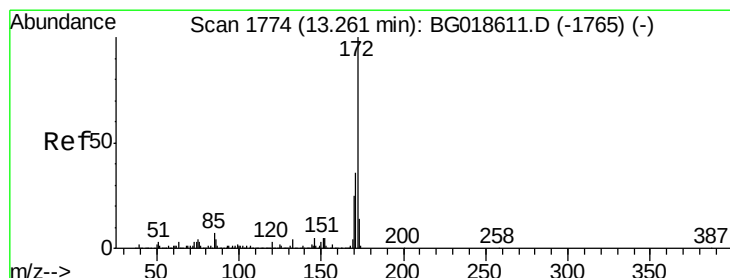
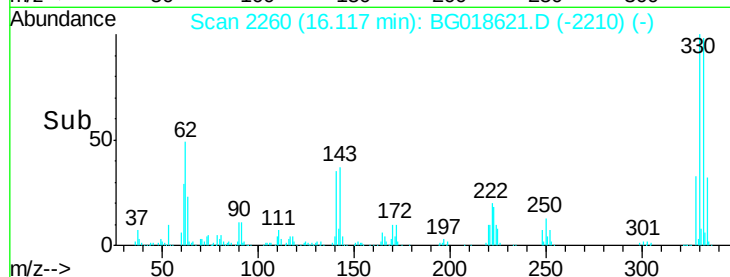
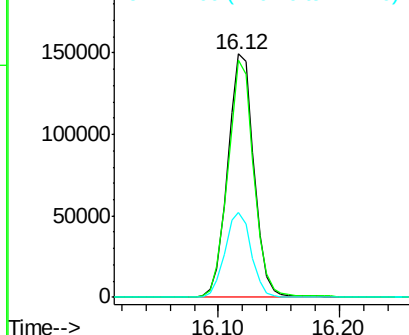
#41
 2,4,6-Tribromophenol
 Concen: 104.11 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BG018621.D
 Acq: 11 Sep 2015 2:51

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.1	117.1
141	34.9	28.2	42.2

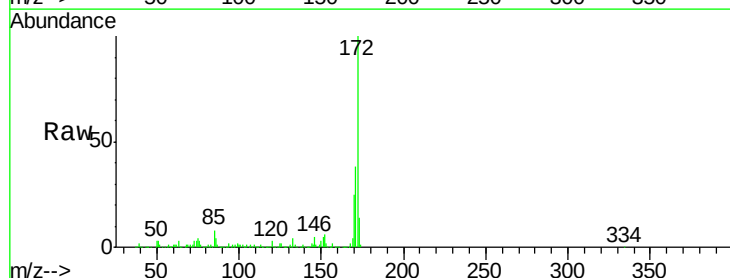


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

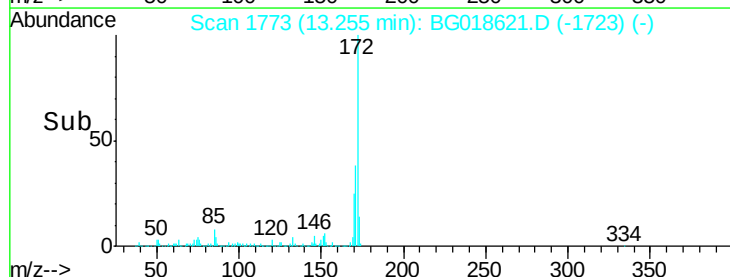
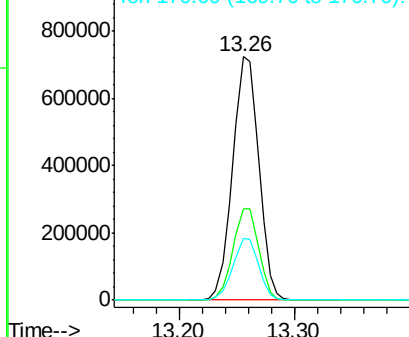


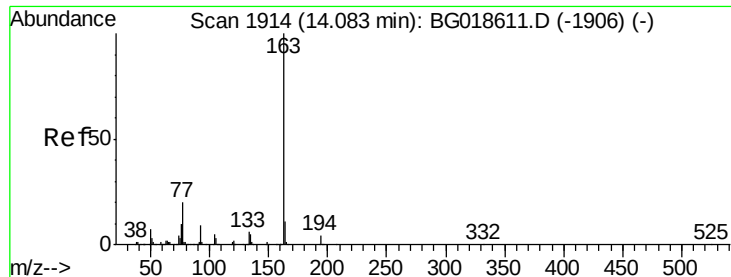
#44
 2-Fluorobiphenyl
 Concen: 98.21 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BG018621.D
 Acq: 11 Sep 2015 2:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.0	43.6
170	25.3	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: 3.44 ng

RT: 14.08 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG018621.D

Acq: 11 Sep 2015 2:51

Instrument :

BNA_G

ClientSampleId :

SES-EFFLUENT-CS-6

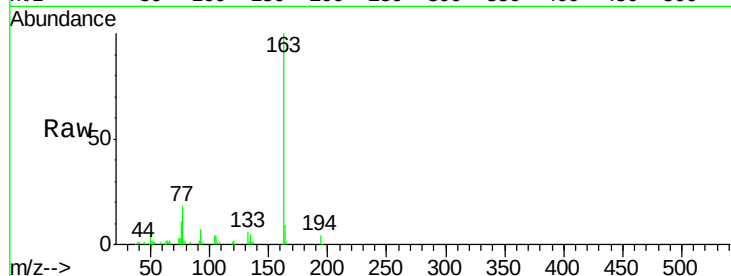
Tot Ion:163 Resp: 45925

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

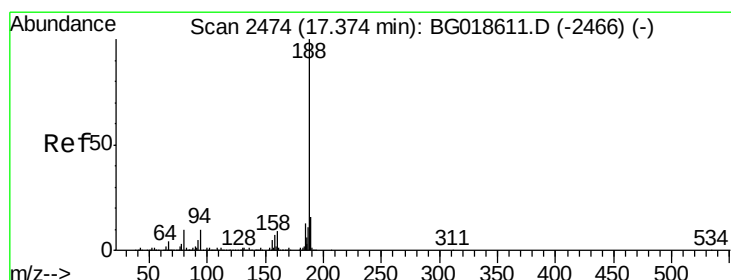
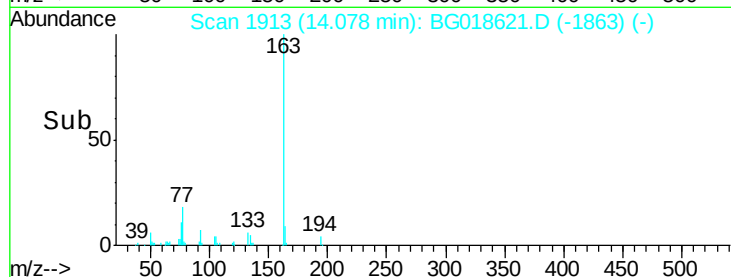
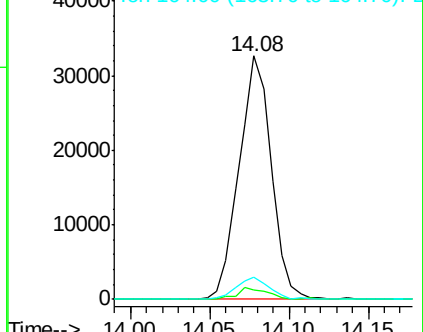
164 9.1 8.8 13.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2474

Delta R.T. 0.00 min

Lab File: BG018621.D

Acq: 11 Sep 2015 2:51

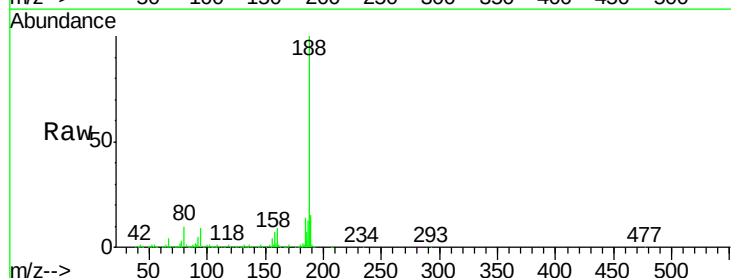
Tgt Ion:188 Resp: 443207

Ion Ratio Lower Upper

188 100

94 9.0 7.7 11.5

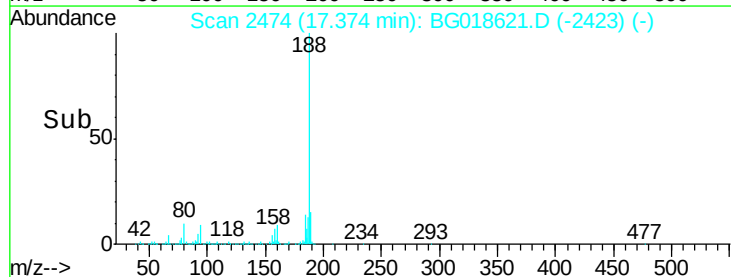
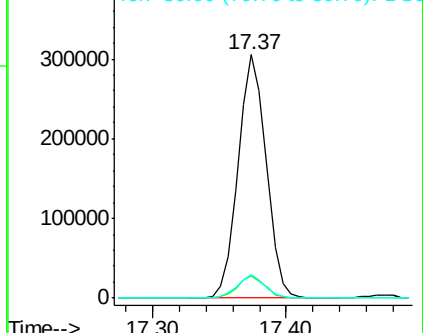
80 9.7 7.8 11.8

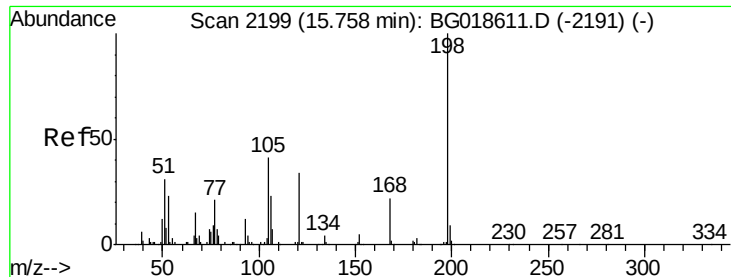


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

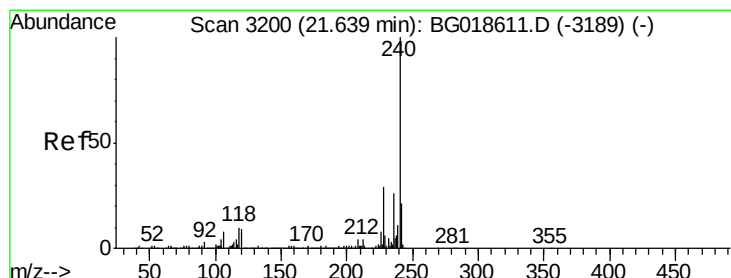
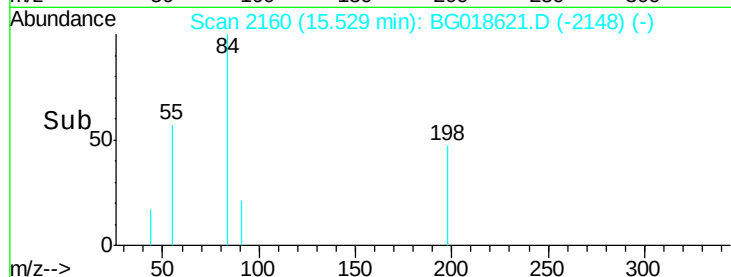
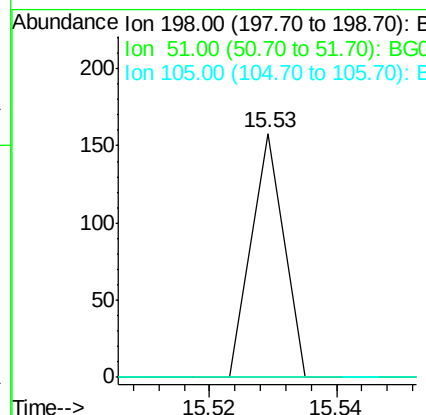
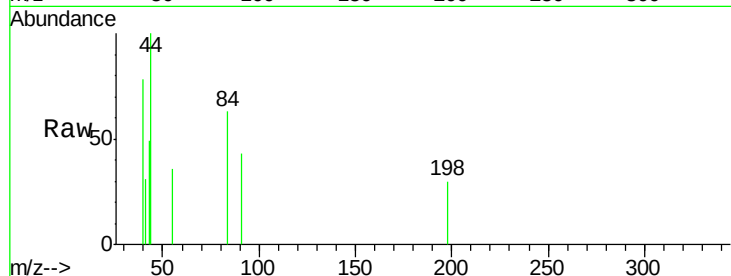




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.42 ng
 RT: 15.53 min Scan# 2160
 Delta R.T. -0.23 min
 Lab File: BG018621.D
 Acq: 11 Sep 2015 2:51

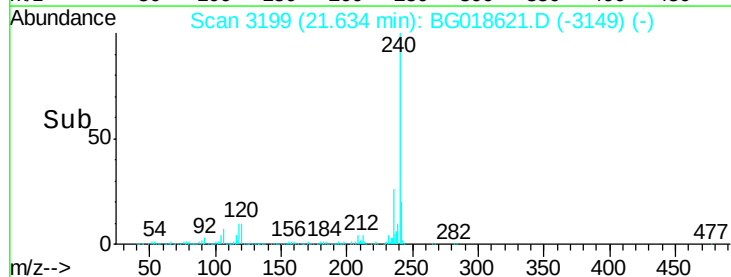
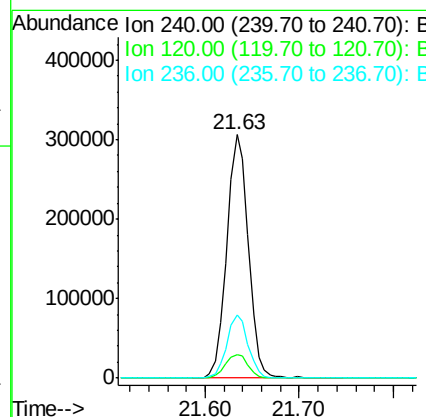
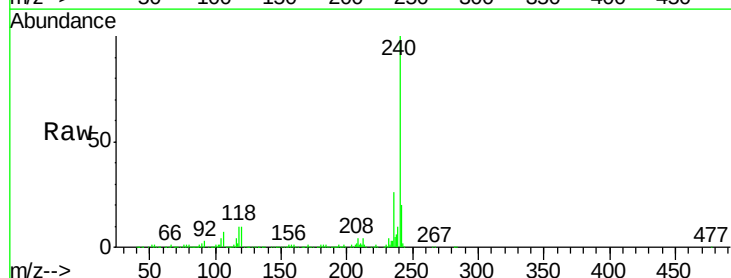
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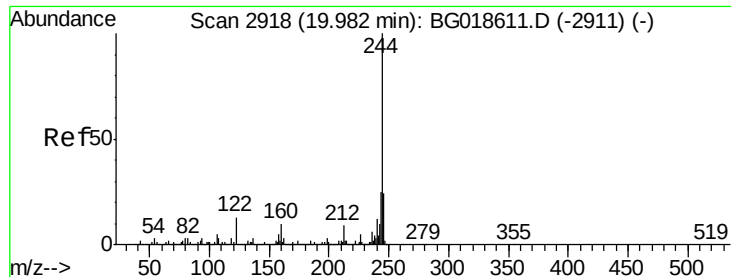
Tot Ion	Ratio	Lower	Upper
198	100		
51	0.0	14.2	54.2#
105	0.0	21.1	61.1#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.63 min Scan# 3199
 Delta R.T. -0.01 min
 Lab File: BG018621.D
 Acq: 11 Sep 2015 2:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.4	11.0
236	25.7	20.7	31.1





#78

Terphenyl-d14

Concen: 95.92 ng

RT: 19.99 min Scan# 2919

Delta R.T. 0.01 min

Lab File: BG018621.D

Acq: 11 Sep 2015 2:51

Instrument :

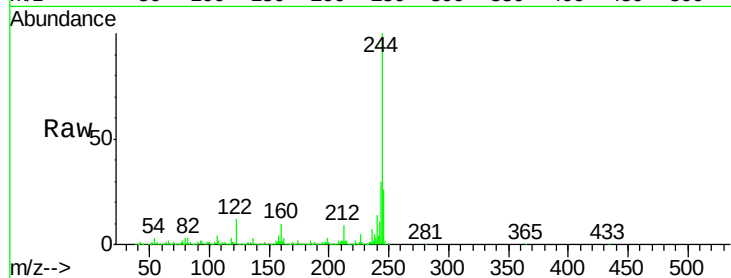
BNA_G

ClientSampleId :

SES-EFFLUENT-CS-6

Tot Ion:244 Resp: 1783826

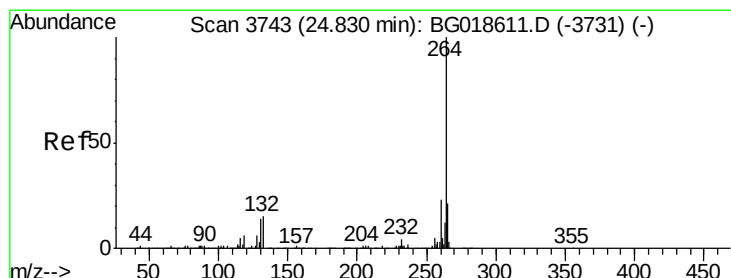
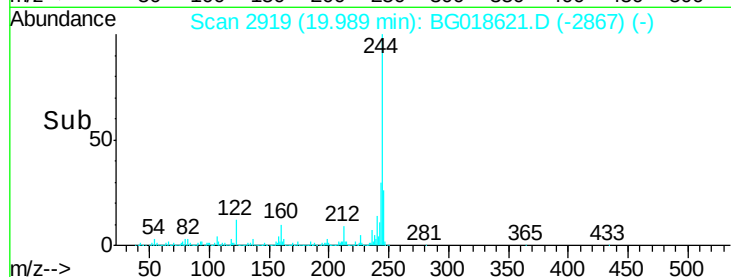
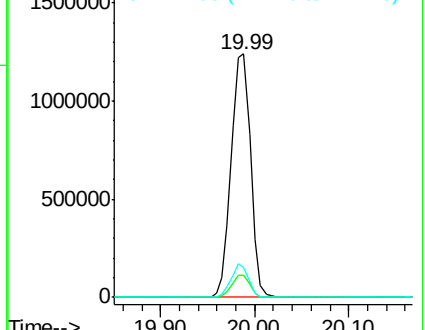
Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.9	10.3
122	12.4	10.2	15.2



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

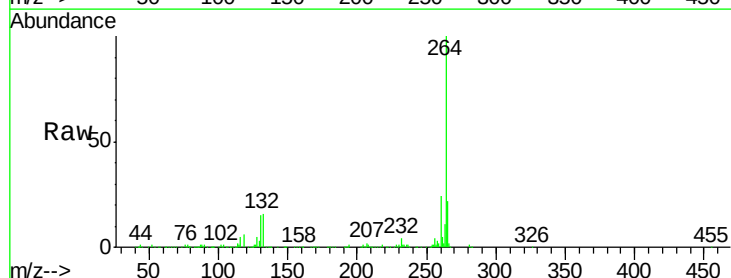
Delta R.T. -0.01 min

Lab File: BG018621.D

Acq: 11 Sep 2015 2:51

Tgt Ion:264 Resp: 473676

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.9	17.2	25.8



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

