

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
 Data File : BG017464.D
 Acq On : 5 Jun 2015 6:33
 Operator : TP/IZ
 Sample : G2509-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFFWASTEWATER

Manual Integrations
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Quant Time: Jun 05 15:12:40 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 01:31:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	21092	20.00	ng	0.02
21) Naphthalene-d8	10.44	136	83462	20.00	ng	0.01
38) Acenaphthene-d10	14.29	164	50356	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	102840	20.00	ng	0.00
75) Chrysene-d12	21.35	240	158345	20.00	ng	0.12
86) Perylene-d12	23.51	264	160329	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	60003	50.12	ng	0.01
7) Phenol-d6	7.00	99	39005m	23.91	ng	0.16
23) Nitrobenzene-d5	8.83	82	183573	109.80	ng	0.04
41) 2,4,6-Tribromophenol	15.80	330	57731	82.54	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	366178	109.69	ng	0.00
78) Terphenyl-d14	19.87	244	562389m	73.41	ng	0.19

Target Compounds Qvalue

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

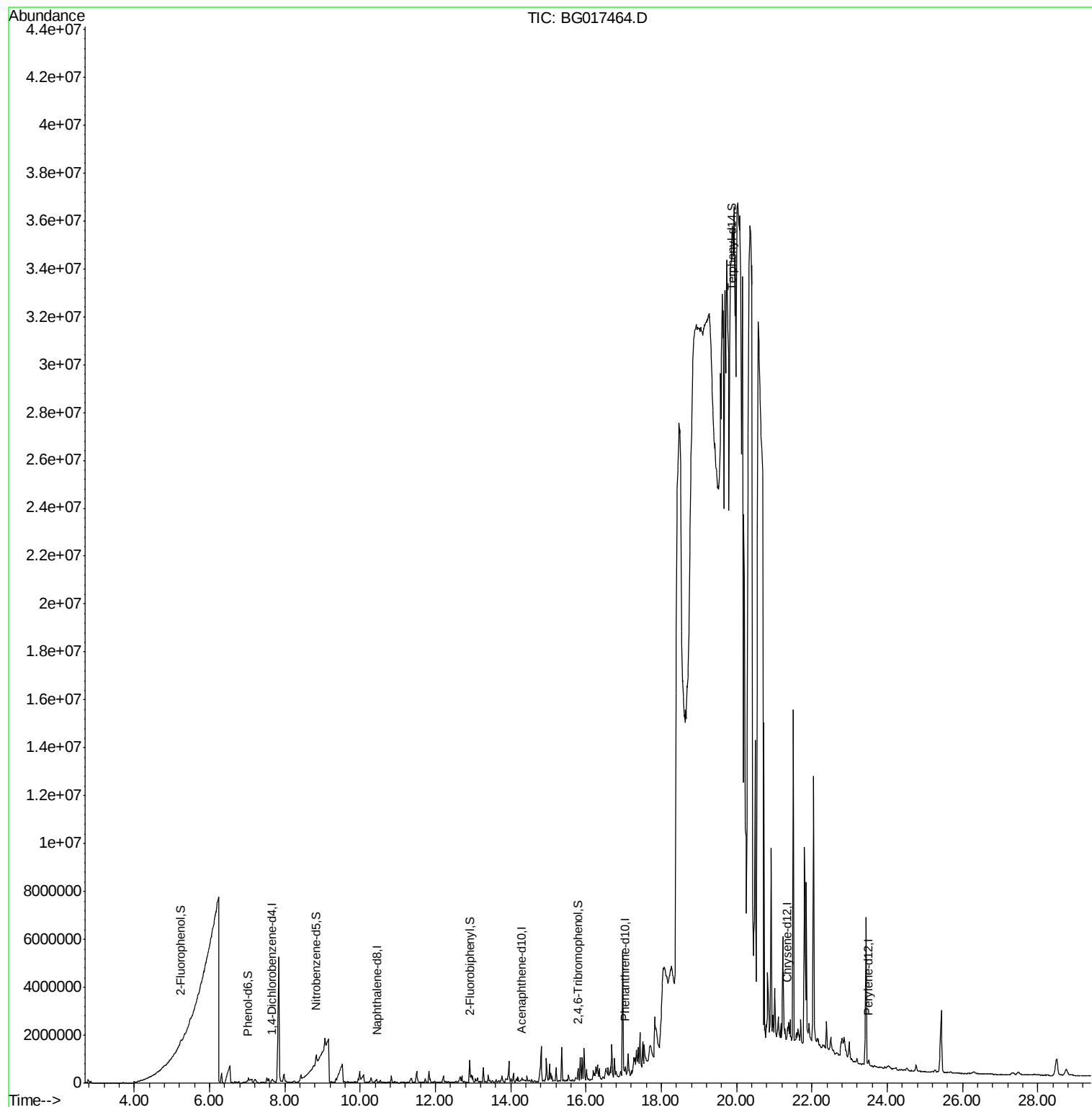
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017464.D
Acq On : 5 Jun 2015 6:33
Operator : TP/IZ
Sample : G2509-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

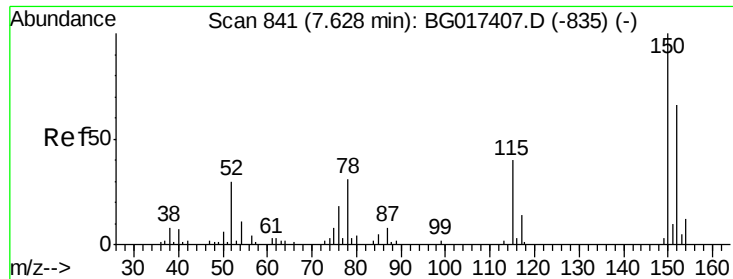
Instrument :
BNA_G
ClientSampleId :
EFFWASTEWATER

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Quant Time: Jun 05 15:12:40 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 01:31:15 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 844

Delta R.T. 0.02 min

Lab File: BG017464.D

Acq: 5 Jun 2015 6:33

Instrument :

BNA_G

ClientSampleId :

EFFWASTEWATER

Tot Ion:152 Resp: 21092

Ion Ratio Lower Upper

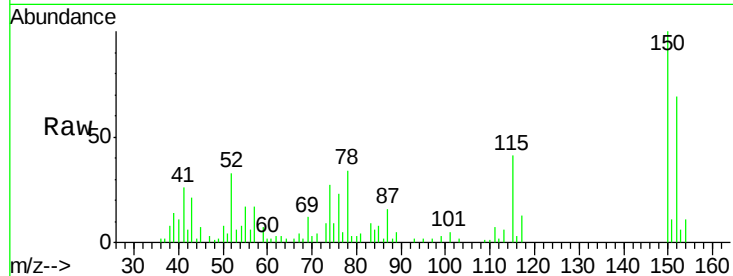
152 100

150 144.8 121.7 182.5

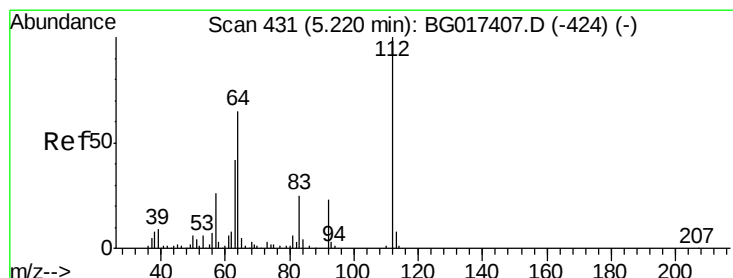
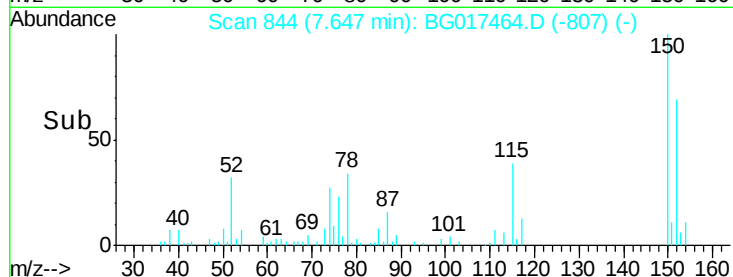
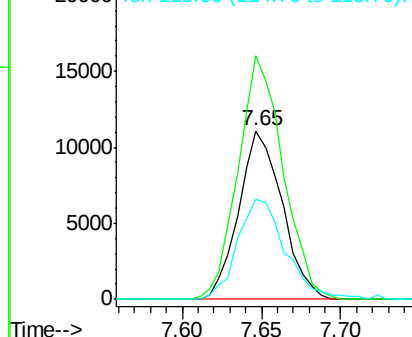
115 59.4 48.6 73.0

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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: 50.12 ng

RT: 5.23 min Scan# 433

Delta R.T. 0.01 min

Lab File: BG017464.D

Acq: 5 Jun 2015 6:33

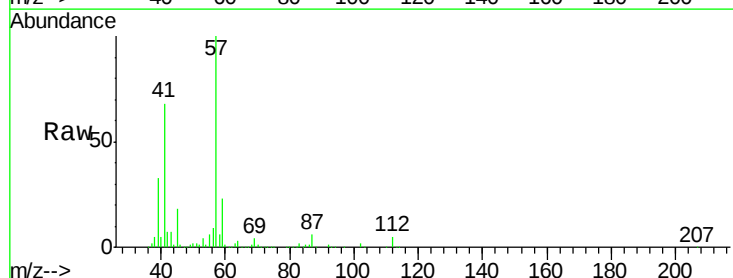
Tgt Ion:112 Resp: 60003

Ion Ratio Lower Upper

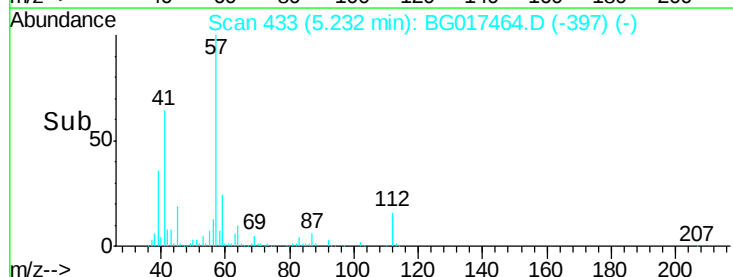
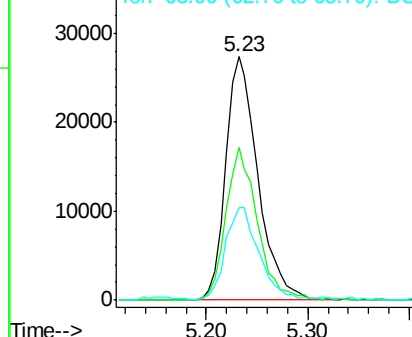
112 100

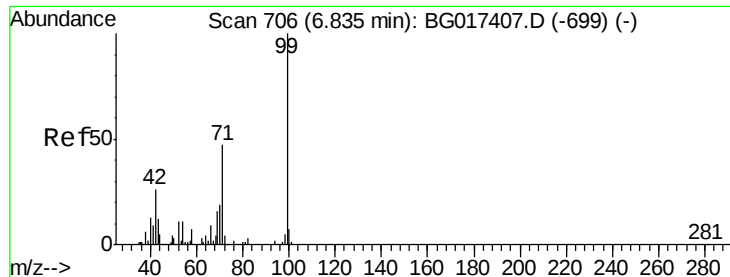
64 62.8 51.6 77.4

63 37.8 33.3 49.9



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: 23.91 ng/mL

RT: 7.00 min Scan# 734

Delta R.T. 0.16 min

Lab File: BG017464.D

Acq: 5 Jun 2015 6:33

Instrument :

BNA_G

ClientSampleId :

EFFWASTEWATER

Tot Ion: 99 Resp: 39005

Ion Ratio Lower Upper

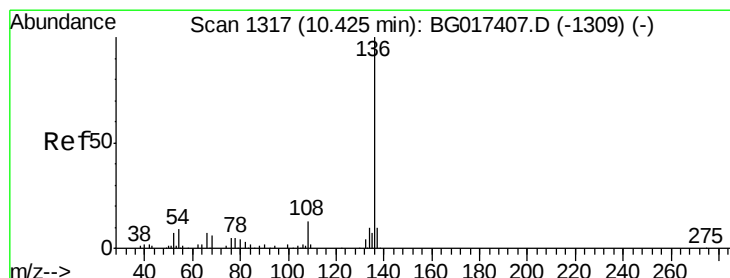
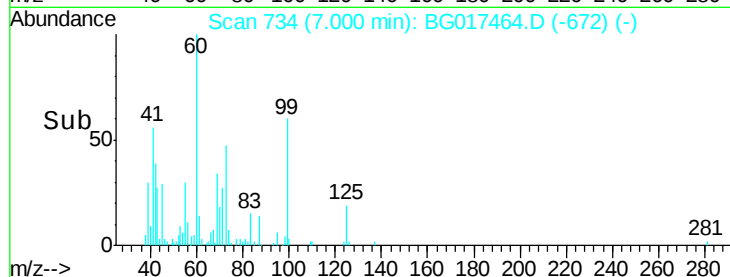
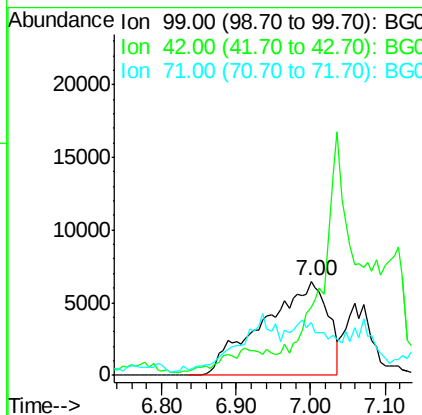
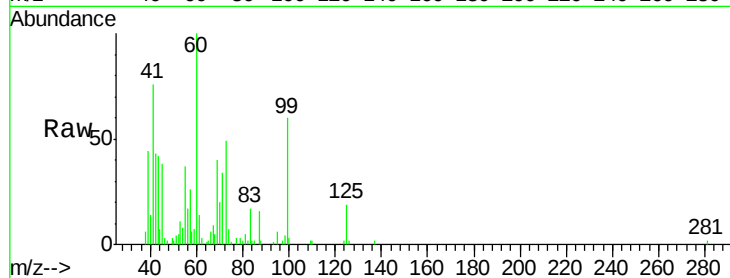
99 100

42 72.9 21.0 31.6#

71 56.5 37.2 55.8#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.44 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BG017464.D

Acq: 5 Jun 2015 6:33

Tgt Ion: 136 Resp: 83462

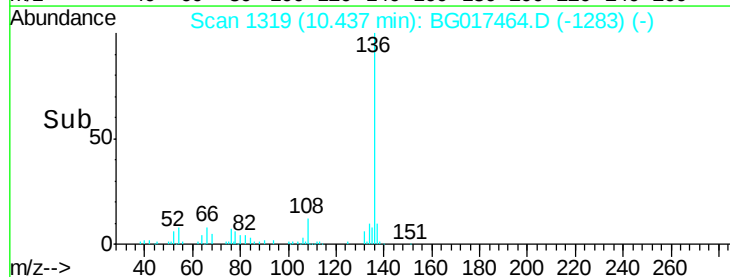
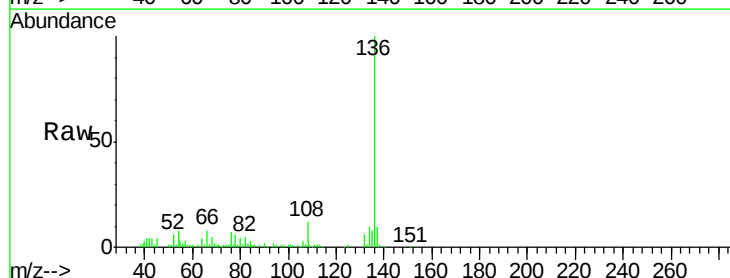
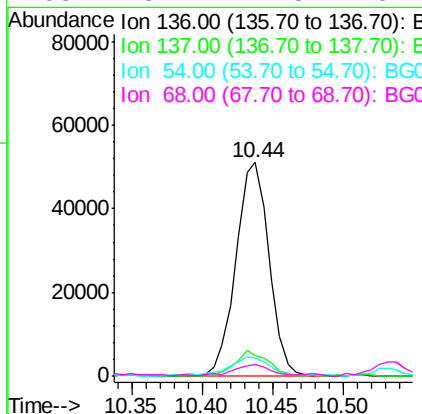
Ion Ratio Lower Upper

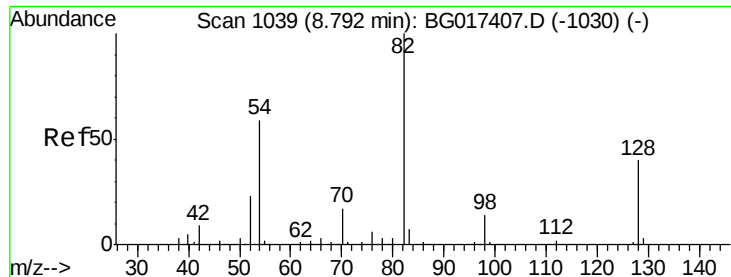
136 100

137 9.9 7.9 11.9

54 8.5 7.2 10.8

68 5.1 4.5 6.7





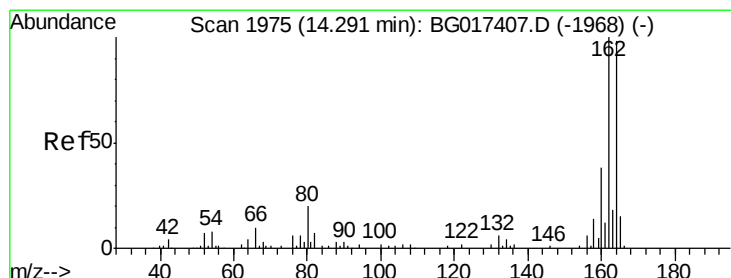
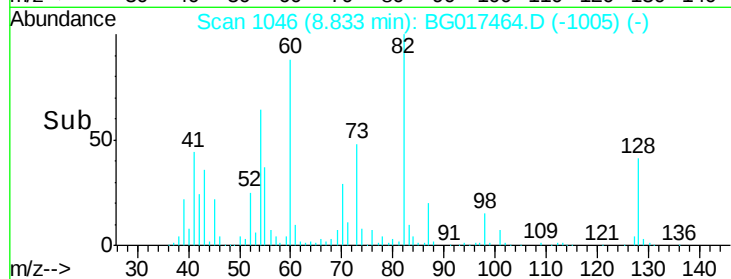
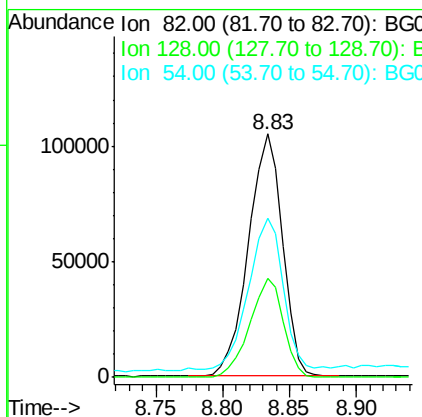
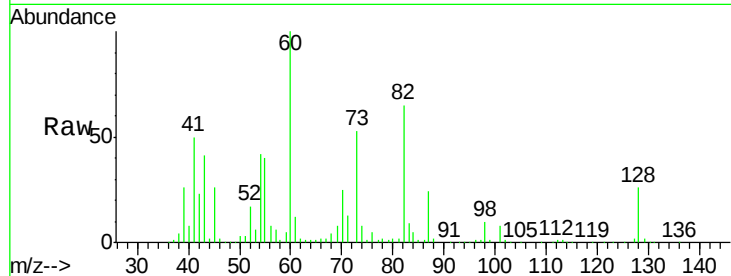
#23
Nitrobenzene-d5
Concen: 109.80 ng
RT: 8.83 min Scan# 1046
Delta R.T. 0.04 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Instrument :
BNA_G
ClientSampleId :
EFFWASTEWATER

Tot Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	40.6	32.2	48.4
54	65.3	47.4	71.2

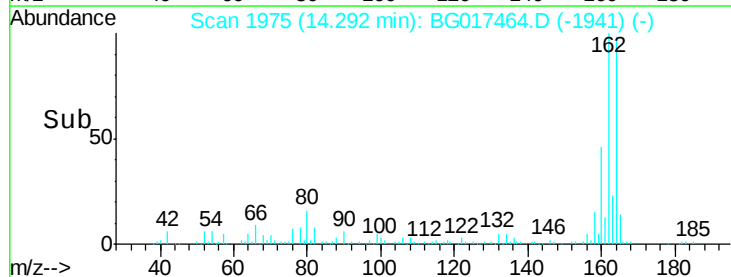
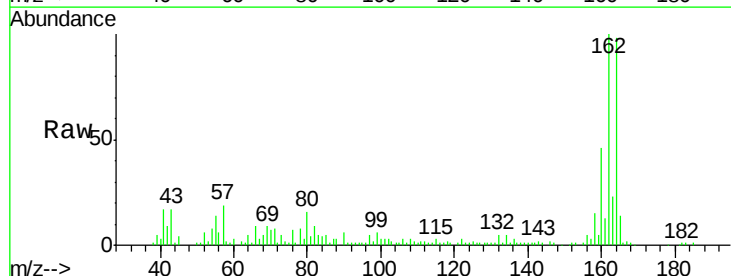
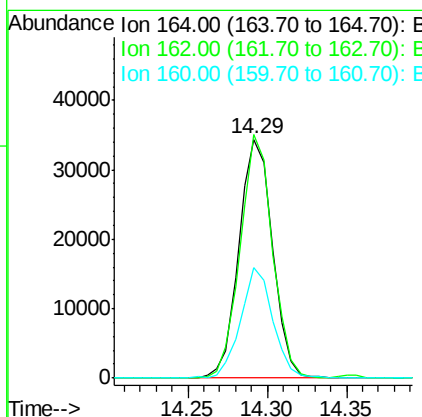
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG017464.D
Acq: 5 Jun 2015 6:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	102.0	81.8	122.6
160	46.5	31.0	46.4





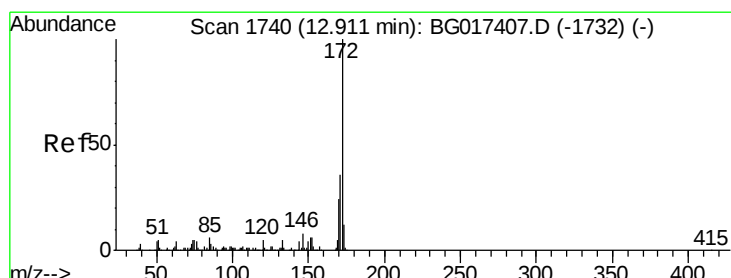
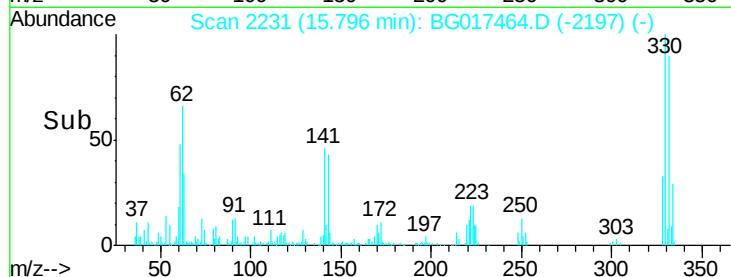
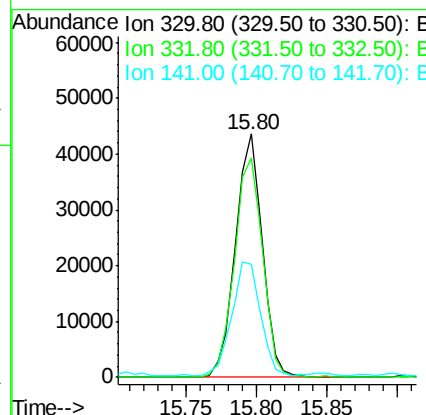
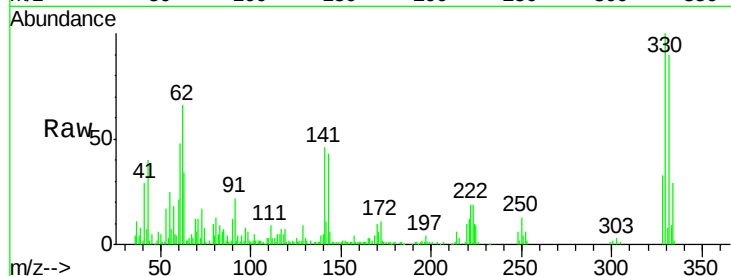
#41
 2,4,6-Tribromophenol
 Concen: 82.54 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. 0.00 min
 Lab File: BG017464.D
 Acq: 5 Jun 2015 6:33

Instrument :
 BNA_G
 ClientSampleId :
 EFFWASTEWATER

Tot Ion	Ratio	Resp	Lower	Upper
330	100	57731		
332	94.8	75.9	113.9	
141	50.8	40.2	60.4	

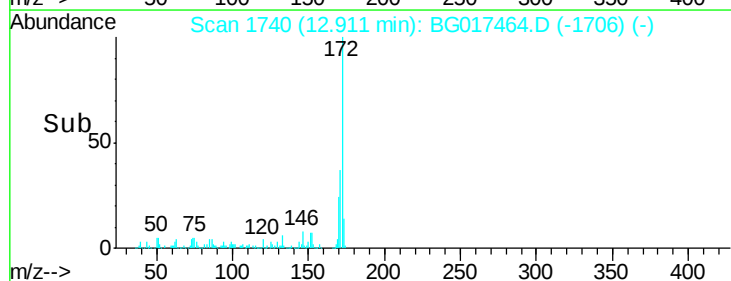
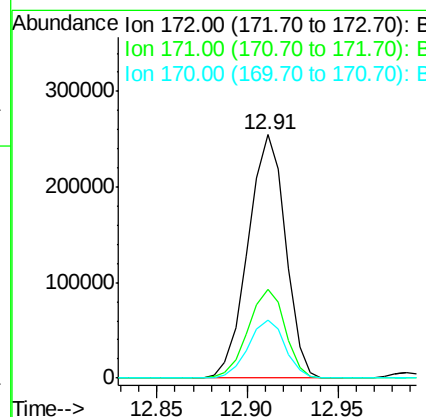
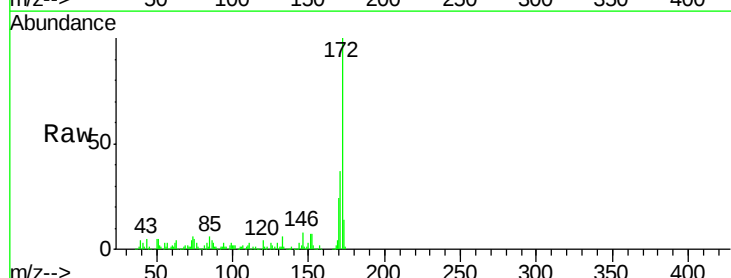
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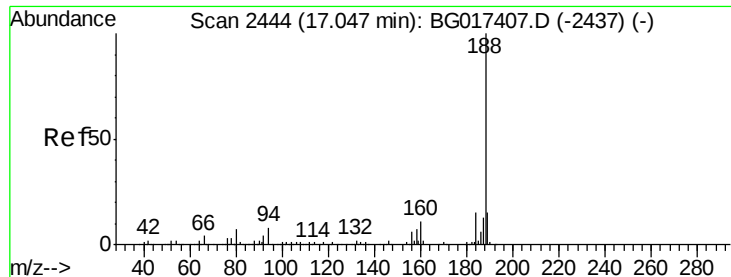
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#44
 2-Fluorobiphenyl
 Concen: 109.69 ng
 RT: 12.91 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: BG017464.D
 Acq: 5 Jun 2015 6:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	366178		
171	36.6	29.0	43.6	
170	23.7	18.9	28.3	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.04 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG017464.D

Acq: 5 Jun 2015 6:33

Instrument :

BNA_G

ClientSampleId :

EFFWASTEWATER

Tot Ion:188 Resp: 102840

Ion Ratio Lower Upper

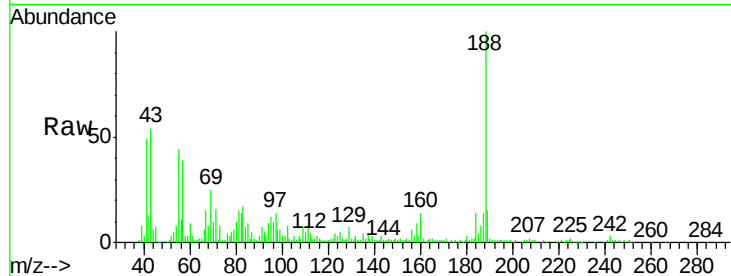
188 100

94 8.6 6.3 9.5

80 9.5 5.2 7.8#

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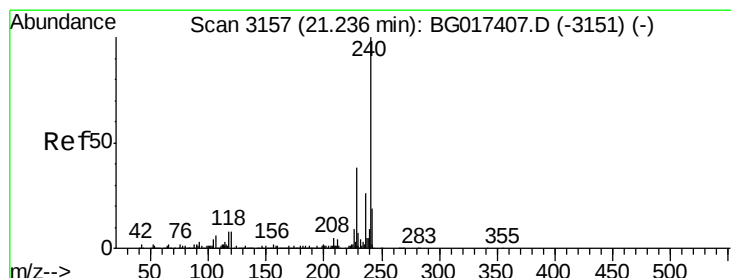
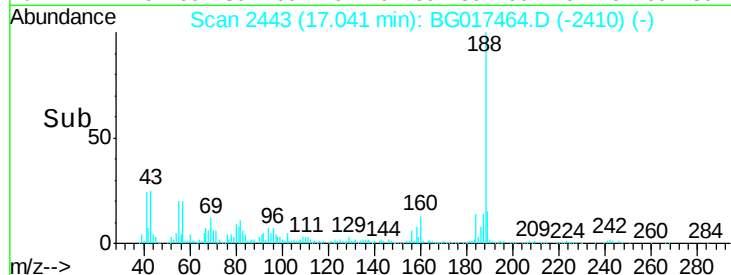
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B

17.04

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3177

Delta R.T. 0.12 min

Lab File: BG017464.D

Acq: 5 Jun 2015 6:33

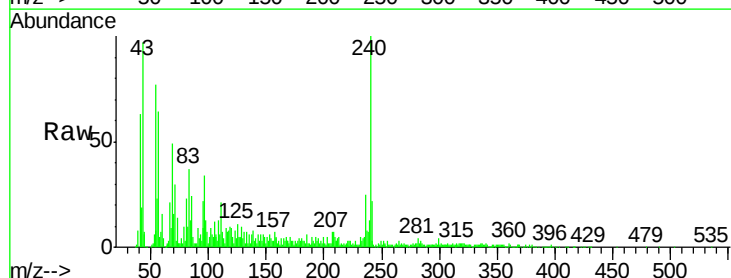
Tgt Ion:240 Resp: 158345

Ion Ratio Lower Upper

240 100

120 8.9 6.5 9.7

236 25.1 20.8 31.2



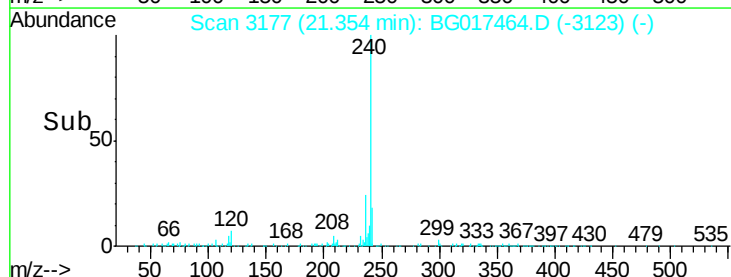
Abundance Ion 240.00 (239.70 to 240.70): E

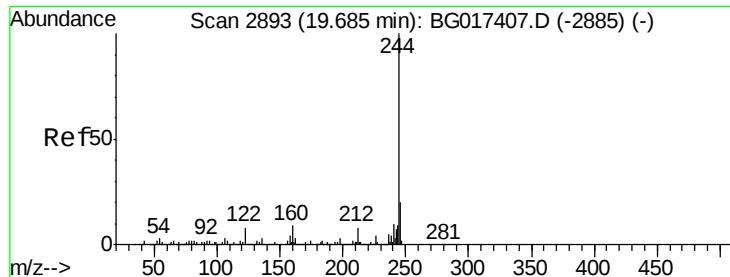
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.35

Time-->





#78

Terphenyl-d14

Concen: 73.41 ng/mL

RT: 19.87 min Scan# 2925

Delta R.T. 0.19 min

Lab File: BG017464.D

Acq: 5 Jun 2015 6:33

Instrument :

BNA_G

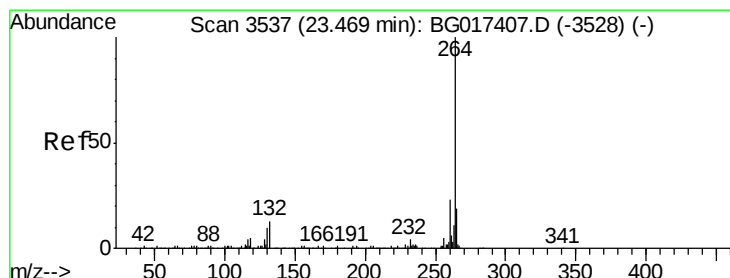
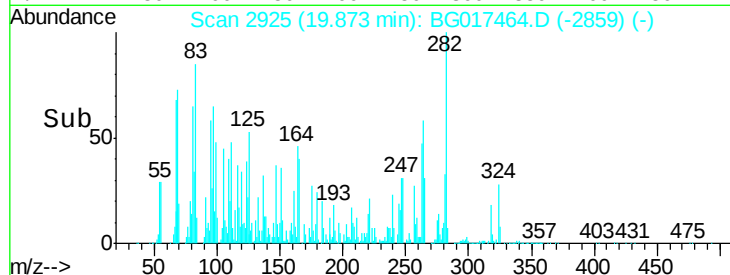
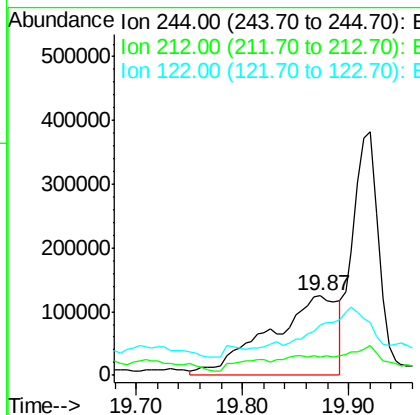
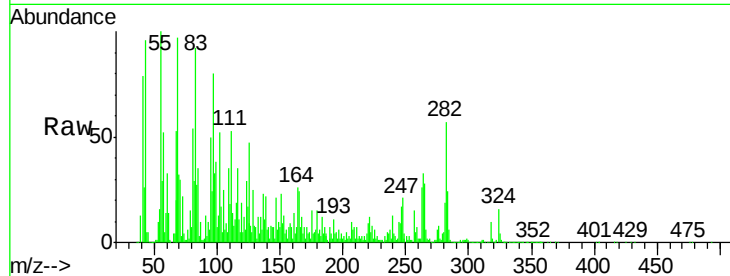
ClientSampleId :

EFFWASTEWATER

Tot Ion:	244	Resp:	562389
Ion Ratio	Lower	Upper	
244	100		
212	23.3	6.4	9.6#
122	62.7	6.6	10.0#

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#86

Perylene-d12

Concen: 20.00 ng/mL

RT: 23.51 min Scan# 3544

Delta R.T. 0.04 min

Lab File: BG017464.D

Acq: 5 Jun 2015 6:33

Tgt Ion:	264	Resp:	160329
Ion Ratio	Lower	Upper	
264	100		
260	25.5	18.2	27.4
265	24.2	15.8	23.6#

