

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
 Data File : BG017786.D
 Acq On : 7 Jul 2015 1:26
 Operator : TP/UM
 Sample : G2860-07DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G93J2DL

Manual Integrations
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 7/9/2015 8:35:31 AM

Quant Time: Jul 07 04:22:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 07 01:50:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	83413	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	389923	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	249352	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	501622	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	519082	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	512305	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.78	99	12500	1.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	7190	1.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	10547	1.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	10386	1.80	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	4975	1.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	5410	1.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	9663	1.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	6066	0.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	29109	1.76	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	38036	1.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	3278	0.99	ng/ul	0.00
57) Fluorene-d10	15.25	176	29706	1.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	1173	0.50	ng/ul	0.00
70) Anthracene-d10	17.11	188	39854	1.74	ng/ul	0.00
78) Pyrene-d10	19.41	212	42337	1.72	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	38058	1.69	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.42	105	14000	1.65	ng/ul	90
49) Acenaphthene	14.32	153	30593	1.87	ng/ul	95
53) Dibenzofuran	14.66	168	32106	1.45	ng/ul	95
58) Fluorene	15.31	166	55991	2.85	ng/ul	98
69) Phenanthrene	17.05	178	630280	22.99	ng/ul	98
71) Anthracene	17.14	178	220457	7.82	ng/ul	99
76) Fluoranthene	19.08	202	987982	37.40	ng/ul	99
79) Pyrene	19.44	202	857705	27.08	ng/ul	99
82) Benzo(a)anthracene	21.19	228	419309	14.66	ng/ul	96
84) Chrysene	21.25	228	403109	14.88	ng/ul	95
87) Benzo(b)fluoranthene	22.77	252	432202	14.76	ng/ul	96
88) Benzo(k)fluoranthene	22.80	252	169427m	6.14	ng/ul	
90) Benzo(a)pyrene	23.34	252	315259	11.33	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.68	276	180539	5.94	ng/ul	96
92) Dibenzo(a,h)anthracene	25.70	278	54619	2.13	ng/ul	98
93) Benzo(g,h,i)perylene	26.38	276	104427	4.11	ng/ul	96

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

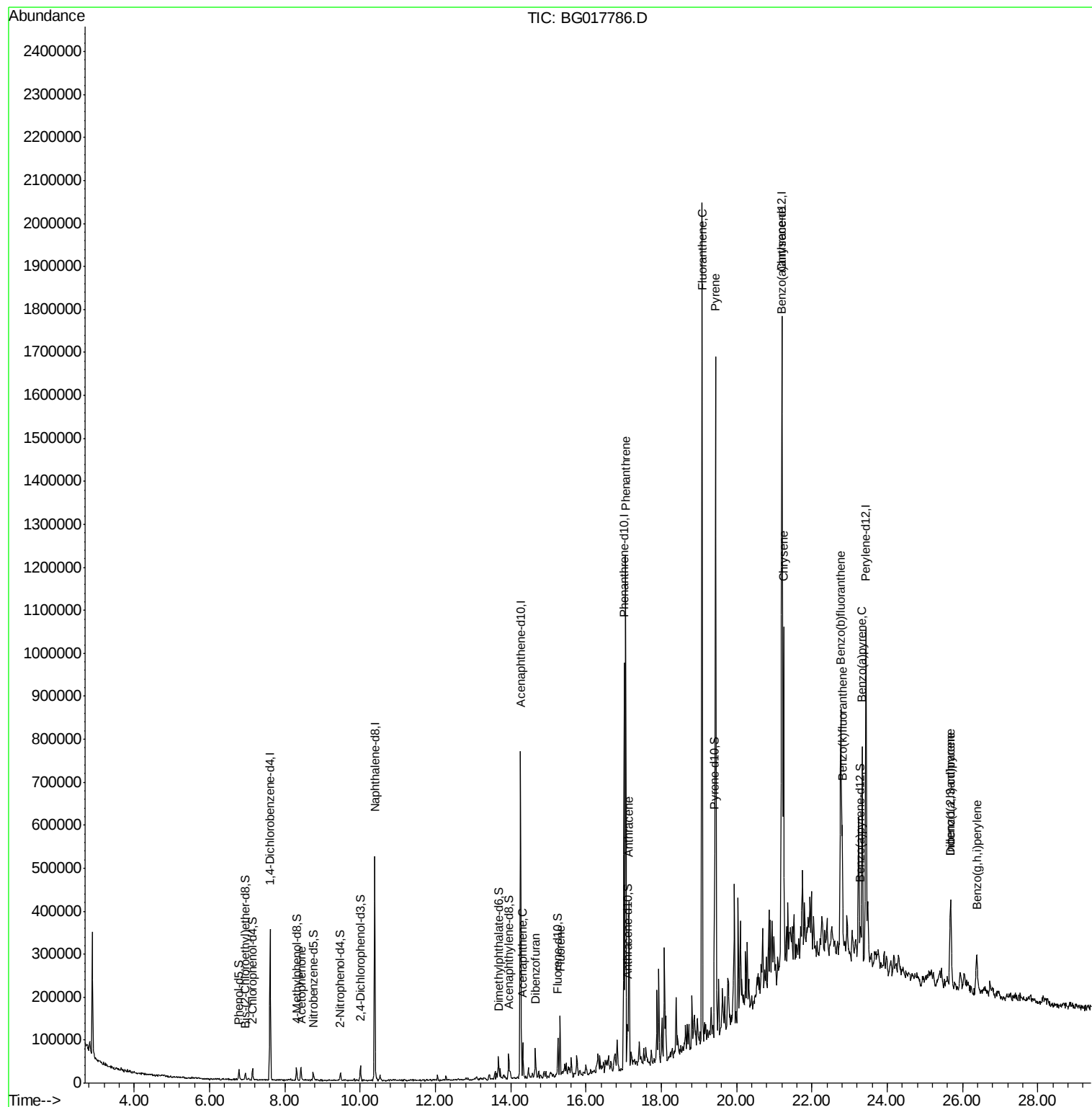
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

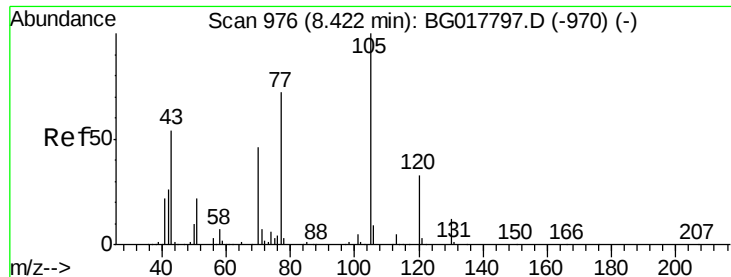
Instrument :
BNA_G
ClientSampleId :
G93J2DL

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Quant Time: Jul 07 04:22:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 01:50:10 2015
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.65 ng/ul

RT: 8.42 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG017786.D

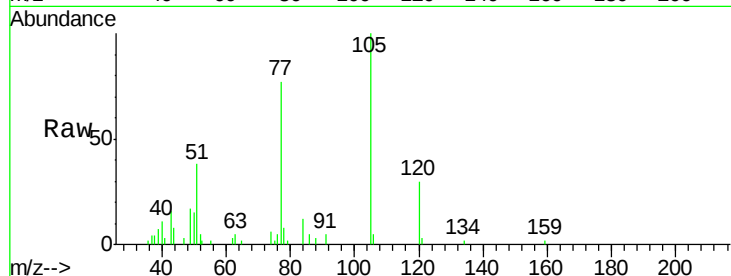
Acq: 7 Jul 2015 1:26

Instrument :

BNA_G

ClientSampleId :

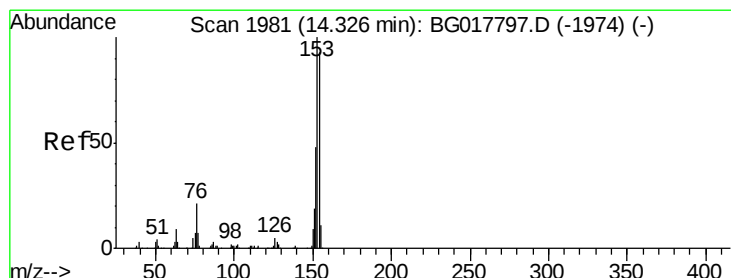
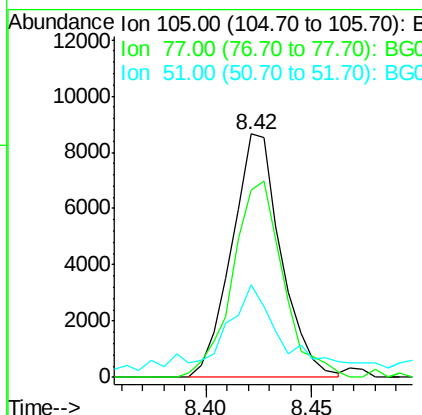
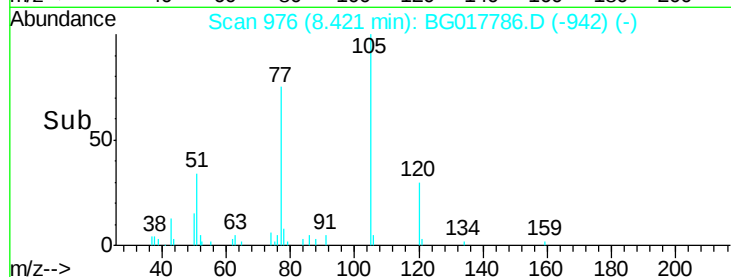
G93J2DL



Tgt Ion:	105	Resp:	14000
Ion Ratio	Lower	Upper	
105	100		
77	77.2	69.5	104.3
51	38.2	26.7	40.1

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#49

Acenaphthene

Concen: 1.87 ng/ul

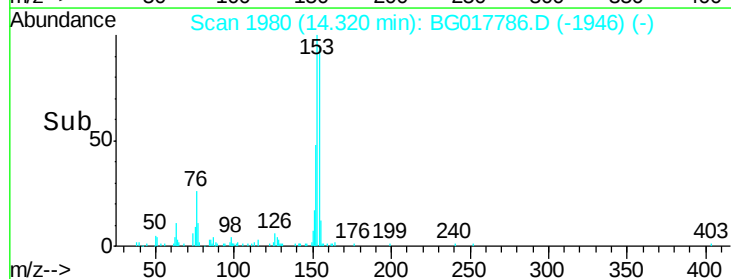
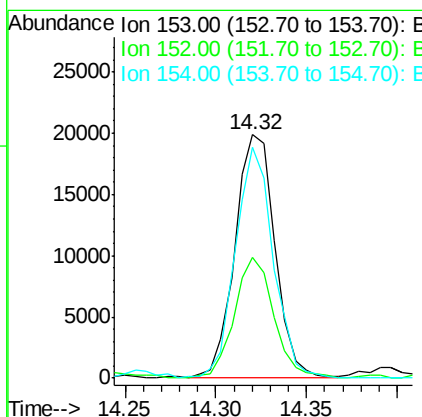
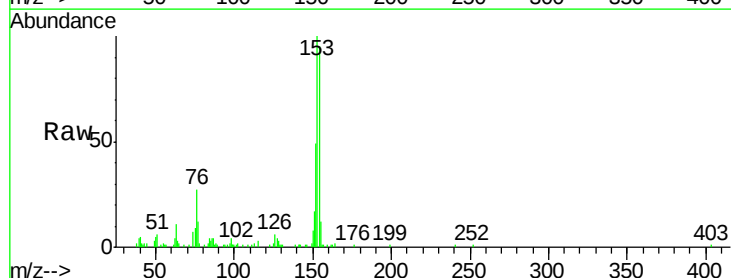
RT: 14.32 min Scan# 1980

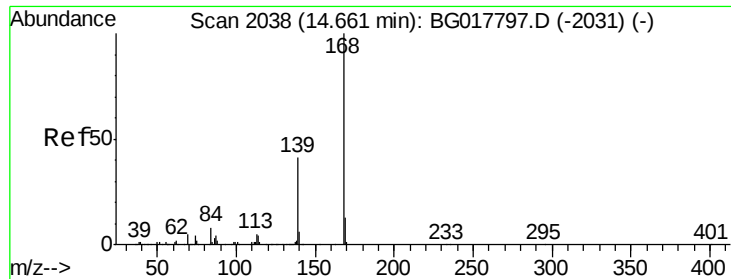
Delta R.T. -0.00 min

Lab File: BG017786.D

Acq: 7 Jul 2015 1:26

Tgt Ion:	153	Resp:	30593
Ion Ratio	Lower	Upper	
153	100		
152	49.4	37.8	56.6
154	95.0	71.2	106.8





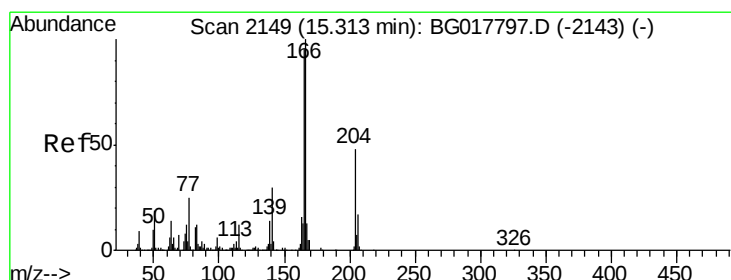
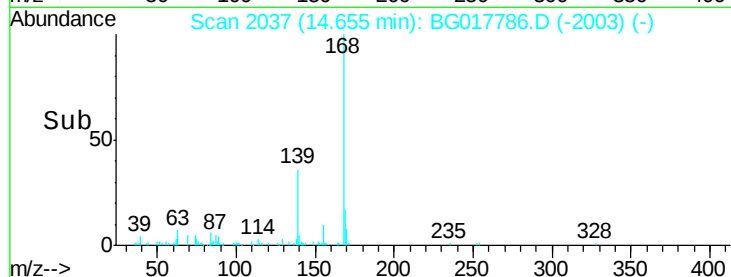
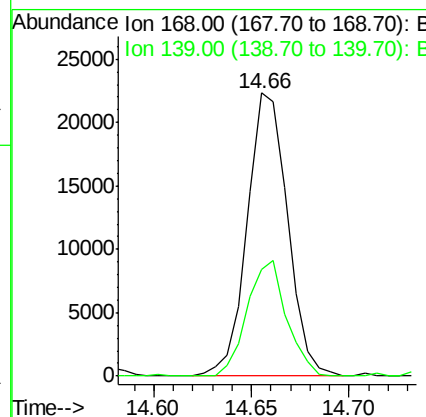
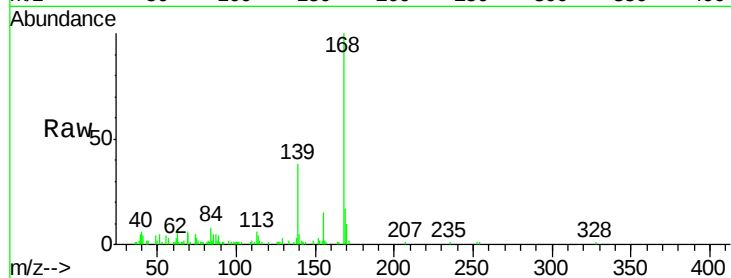
#53
Dibenzenofuran
Concen: 1.45 ng/ul
RT: 14.66 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG017786.D
Acq: 7 Jul 2015 1:26

Instrument :
BNA_G
ClientSampled :
G93J2DL

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	32.7	49.1

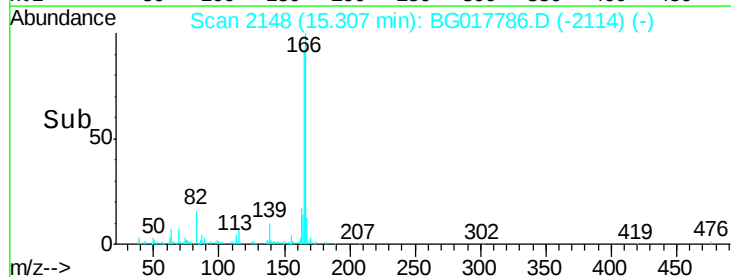
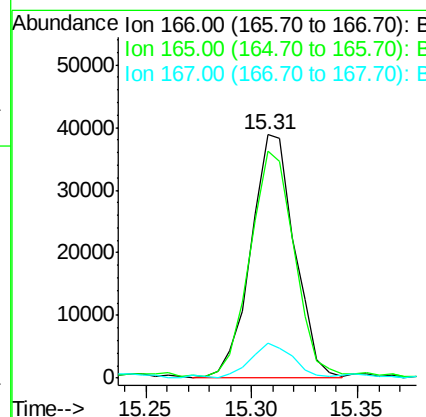
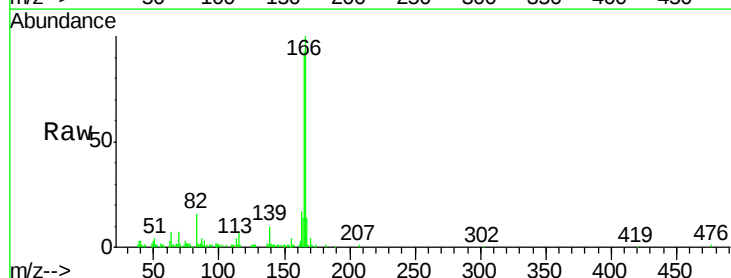
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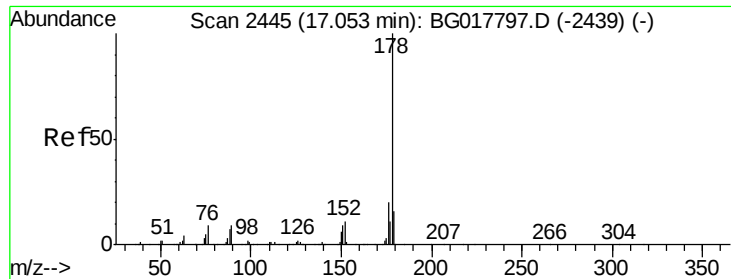
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#58
Fluorene
Concen: 2.85 ng/ul
RT: 15.31 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG017786.D
Acq: 7 Jul 2015 1:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.0	75.7	113.5
167	14.1	10.1	15.1





#69

Phenanthrene

Concen: 22.99 ng/ul

RT: 17.05 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG017786.D

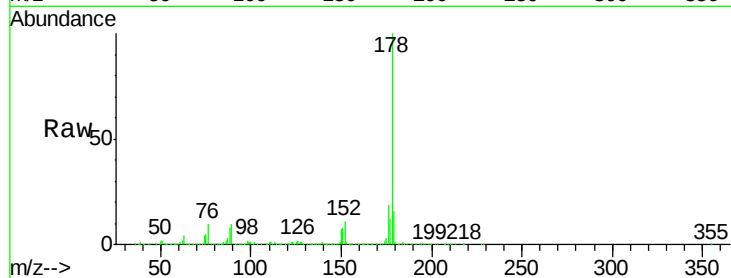
Acq: 7 Jul 2015 1:26

Instrument :

BNA_G

ClientSampleId :

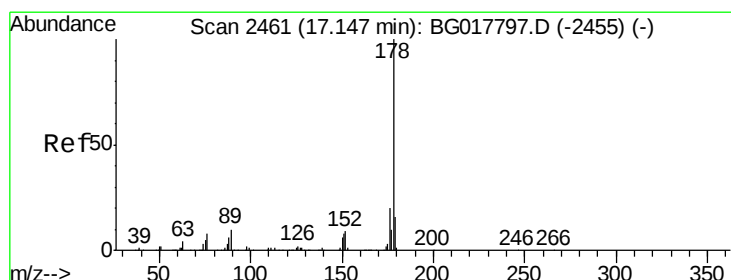
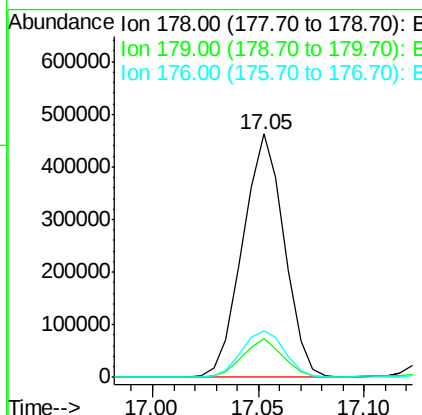
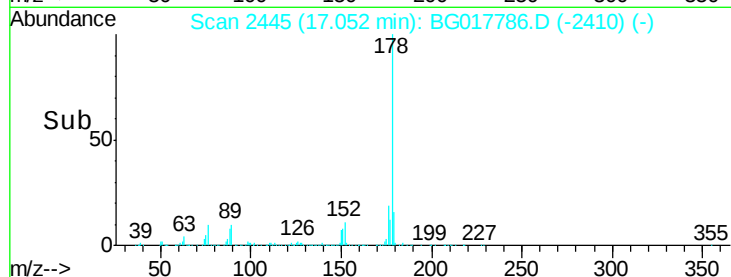
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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	630280		
179	16.1	13.0	19.4	
176	19.4	17.0	25.4	

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#71

Anthracene

Concen: 7.82 ng/ul

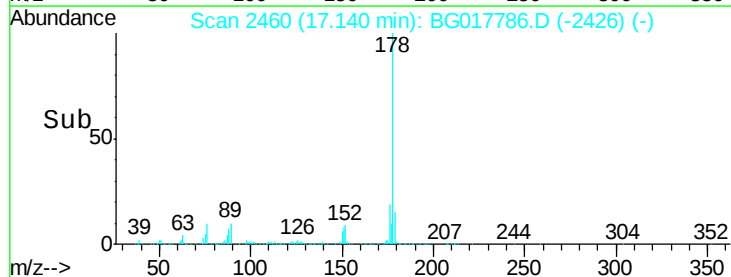
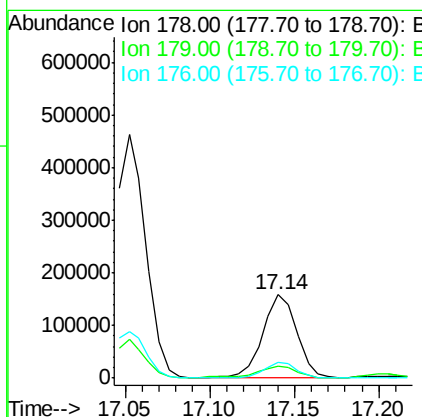
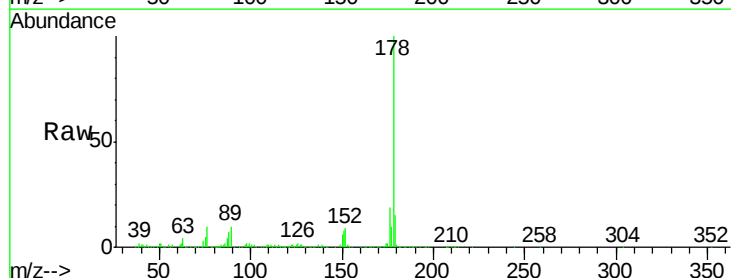
RT: 17.14 min Scan# 2460

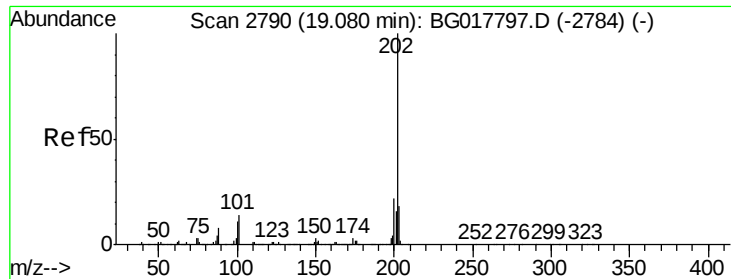
Delta R.T. -0.00 min

Lab File: BG017786.D

Acq: 7 Jul 2015 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	220457		
179	15.0	12.4	18.6	
176	18.8	15.3	22.9	





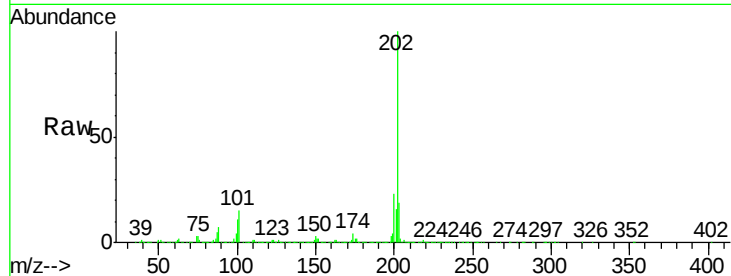
#76
Fluoranthene
Concen: 37.40 ng/ul
RT: 19.08 min Scan# 2790
Delta R.T. 0.00 min
Lab File: BG017786.D
Acq: 7 Jul 2015 1:26

Instrument :
BNA_G
ClientSampleId :
G93J2DL

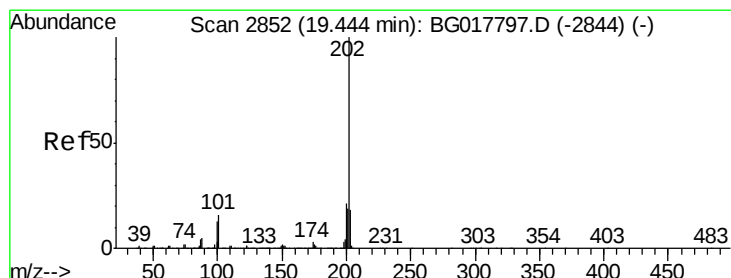
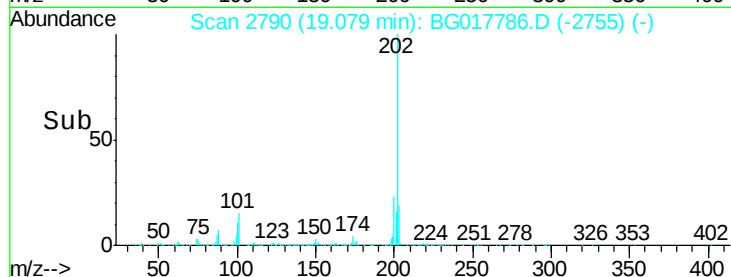
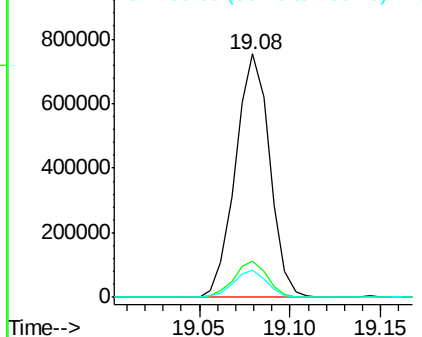
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.9	12.6	18.8
100	11.3	9.1	13.7

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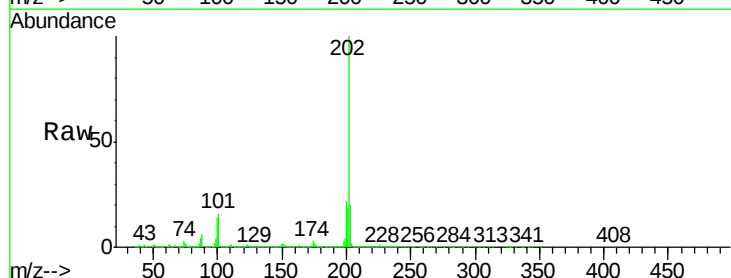


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

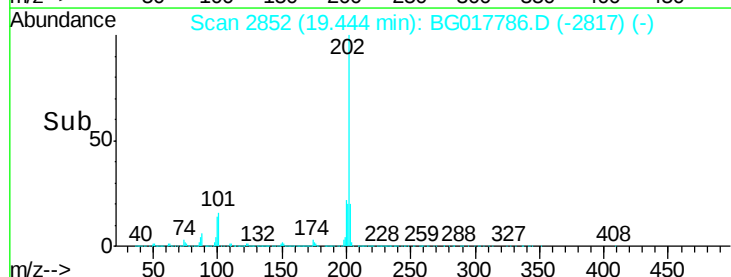
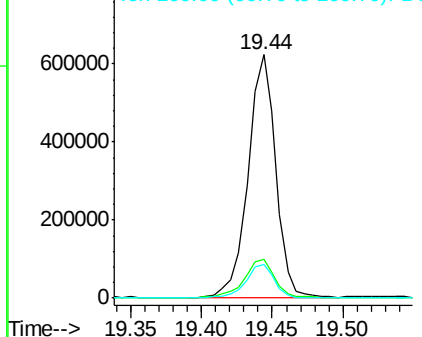


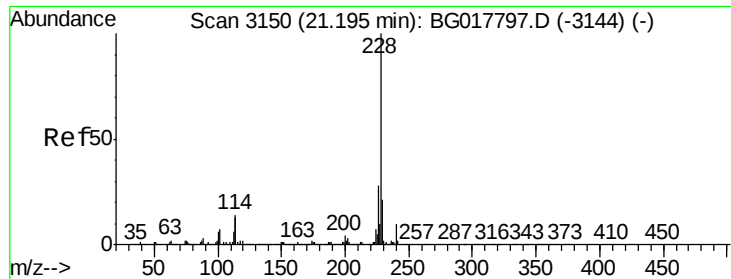
#79
Pyrene
Concen: 27.08 ng/ul
RT: 19.44 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BG017786.D
Acq: 7 Jul 2015 1:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.8	13.1	19.7
100	13.7	11.3	16.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 14.66 ng/ul

RT: 21.19 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG017786.D

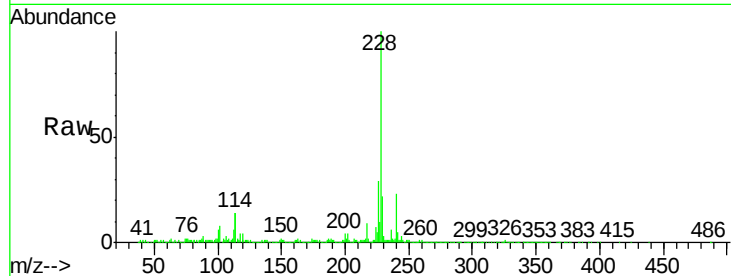
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Instrument :

BNA_G

ClientSampleId :

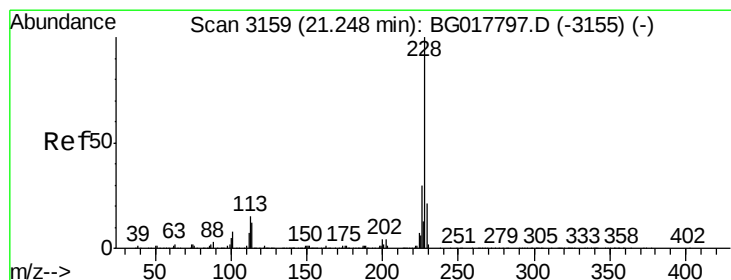
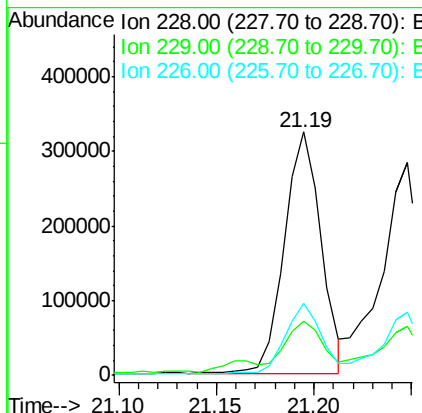
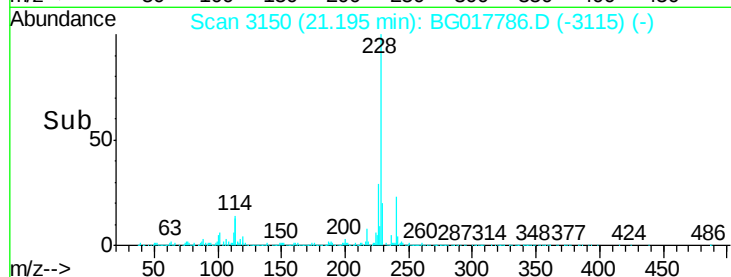
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	419309		
229	22.2	15.8	23.8	
226	29.5	22.2	33.2	

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#84

Chrysene

Concen: 14.88 ng/ul

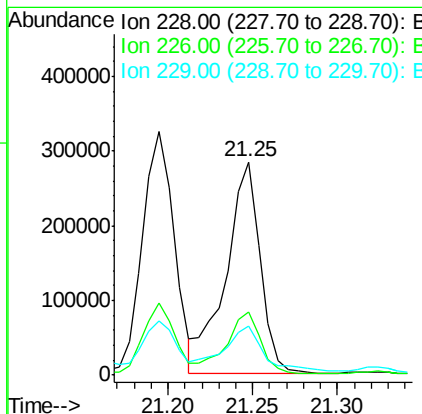
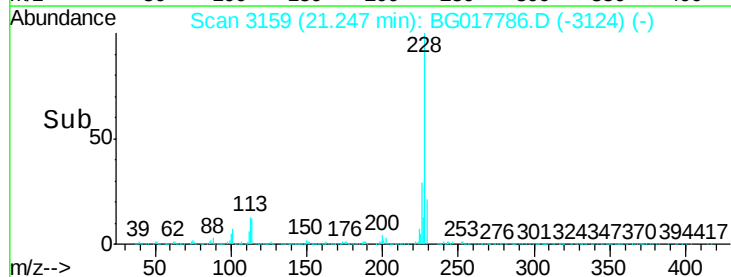
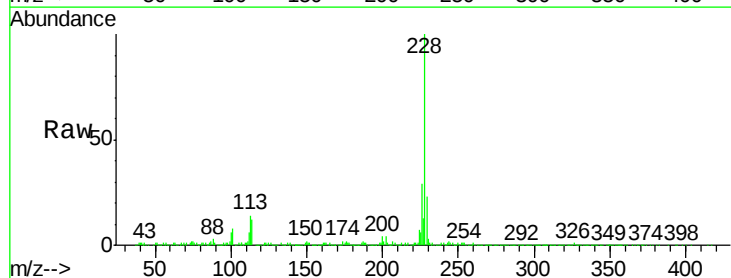
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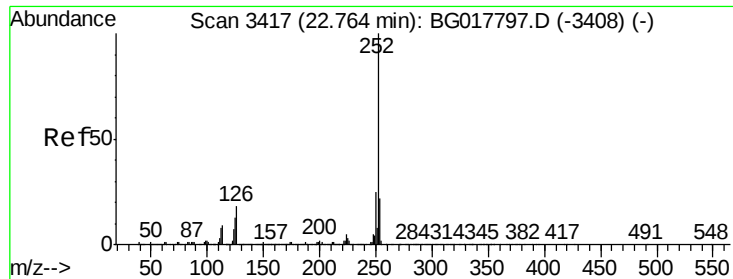
Delta R.T. 0.00 min

Lab File: BG017786.D

Acq: 7 Jul 2015 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	403109		
226	29.4	25.6	38.4	
229	23.0	16.4	24.6	





#87

Benzo(b)fluoranthene

Concen: 14.76 ng/ul

RT: 22.77 min Scan# 3418

Delta R.T. 0.01 min

Lab File: BG017786.D

Acq: 7 Jul 2015 1:26

Instrument :

BNA_G

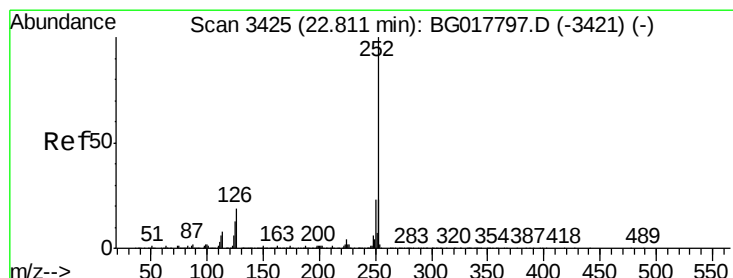
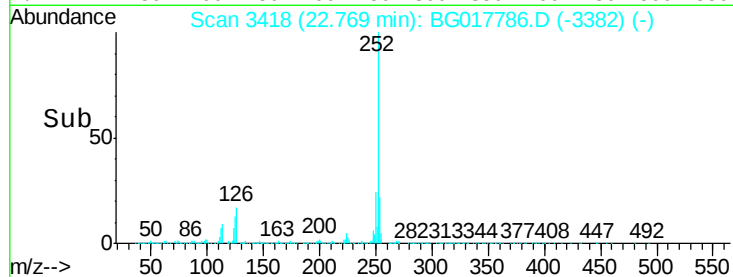
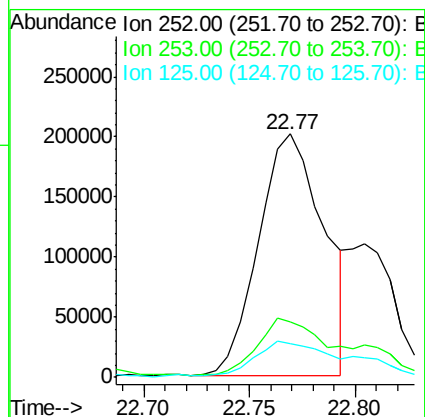
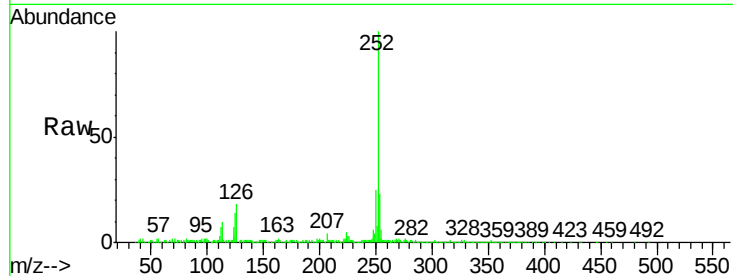
ClientSampleId :

G93J2DL

Tgt Ion:	252	Resp:	432202
Ion Ratio	Lower	Upper	
252	100		
253	23.0	16.8	25.2
125	14.0	10.4	15.6

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#88

Benzo(k)fluoranthene

Concen: 6.14 ng/ul m

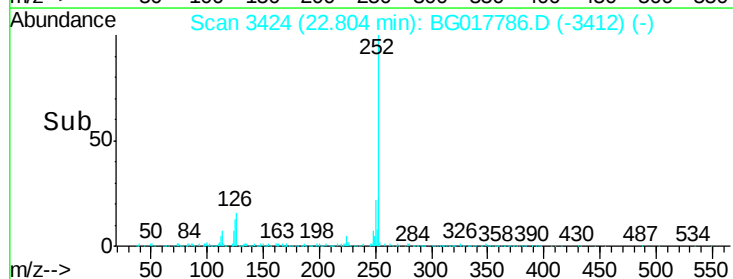
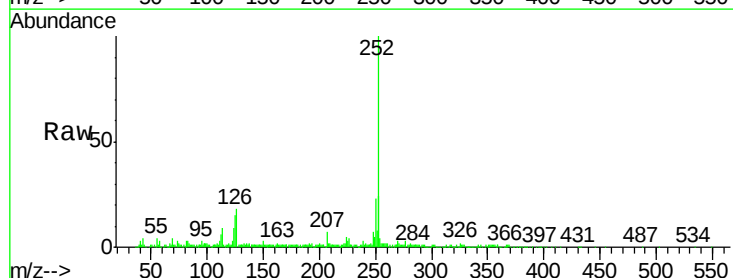
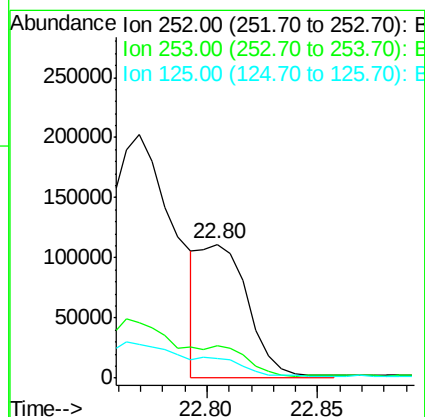
RT: 22.80 min Scan# 3424

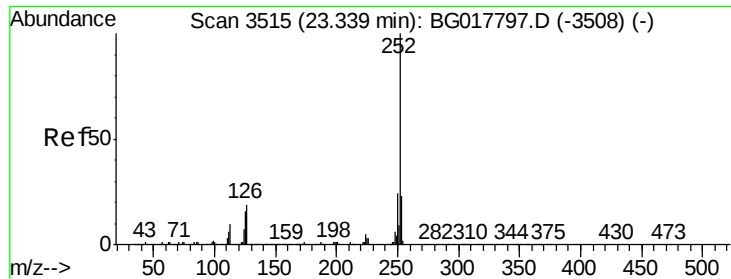
Delta R.T. -0.00 min

Lab File: BG017786.D

Acq: 7 Jul 2015 1:26

Tgt Ion:	252	Resp:	169427
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.6	26.4
125	14.6	11.6	17.4





#90

Benzo(a)pyrene

Concen: 11.33 ng/ul

RT: 23.34 min Scan# 3515

Delta R.T. 0.01 min

Lab File: BG017786.D

Acq: 7 Jul 2015 1:26

Instrument :

BNA_G

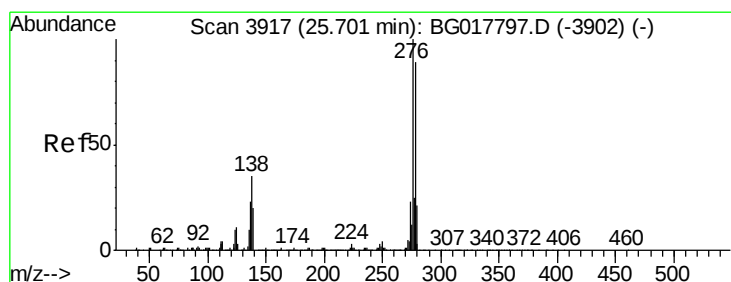
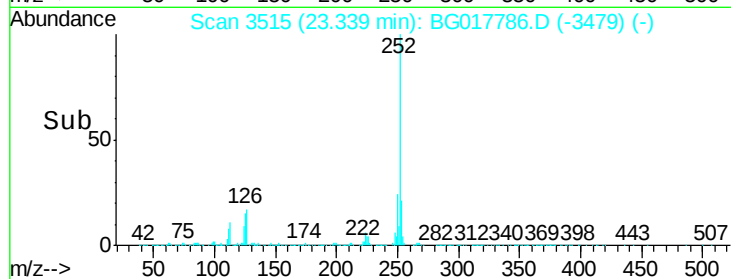
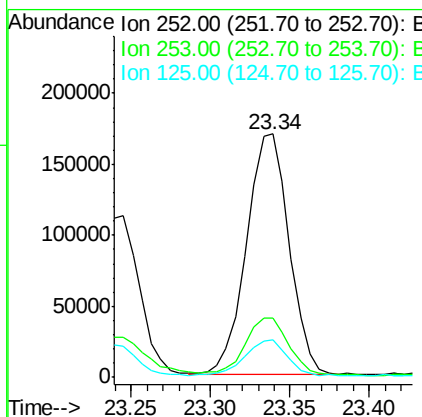
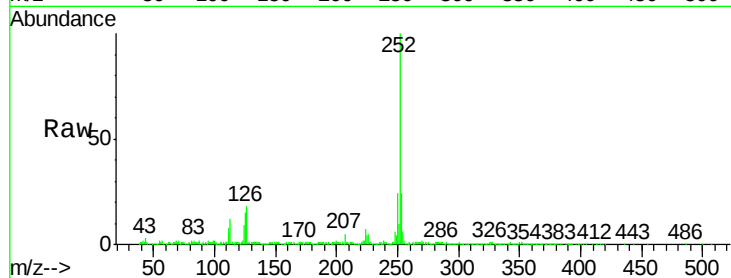
ClientSampleId :

G93J2DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.2	18.3	27.5
125	15.4	12.1	18.1

Manual Integrations
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7/9/2015 8:35:31 AM



#91

Indeno(1,2,3-cd)pyrene

Concen: 5.94 ng/ul

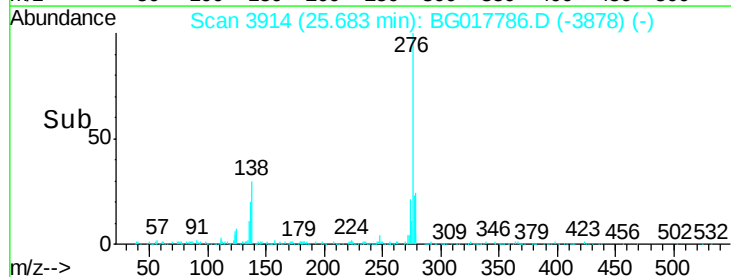
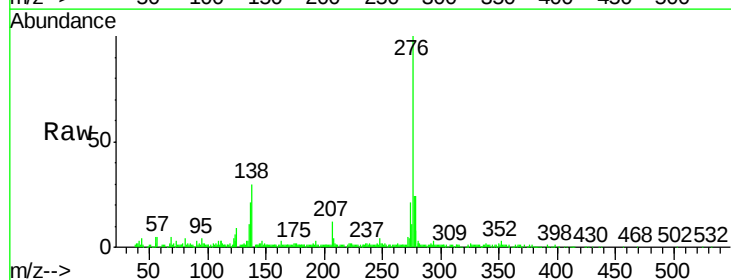
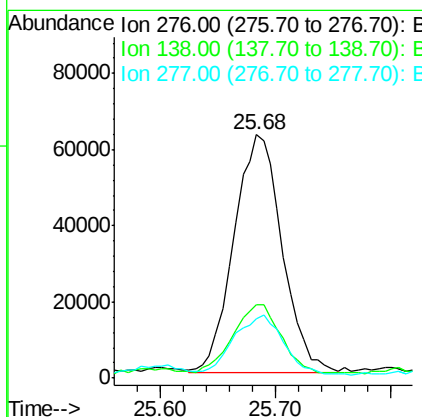
RT: 25.68 min Scan# 3914

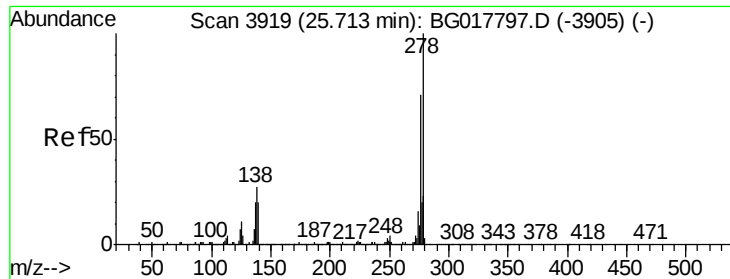
Delta R.T. 0.01 min

Lab File: BG017786.D

Acq: 7 Jul 2015 1:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	30.1	26.1	39.1
277	24.2	20.9	31.3





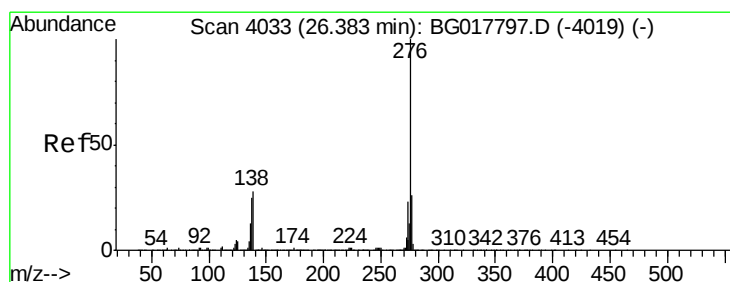
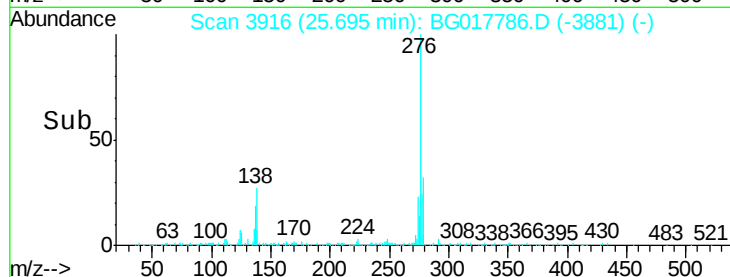
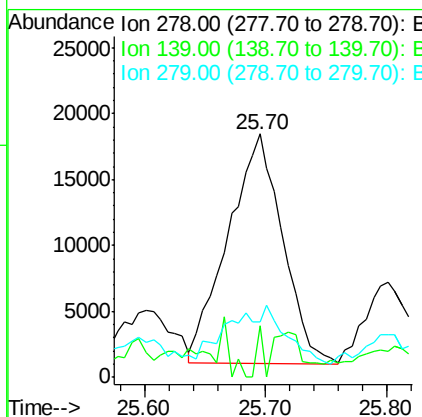
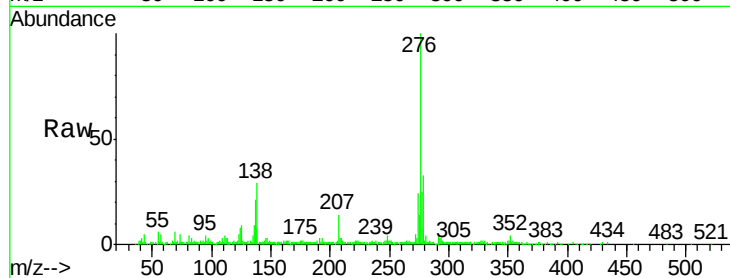
#92
Dibenzo(a,h)anthracene
Concen: 2.13 ng/ul
RT: 25.70 min Scan# 3916
Delta R.T. 0.00 min
Lab File: BG017786.D
Acq: 7 Jul 2015 1:26

Instrument :
BNA_G
ClientSampleId :
G93J2DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.3	24.5
279	22.6	18.7	28.1

Manual Integrations
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apatel
7/9/2015 8:35:31 AM



#93
Benzo(g,h,i)perylene
Concen: 4.11 ng/ul
RT: 26.38 min Scan# 4032
Delta R.T. 0.01 min
Lab File: BG017786.D
Acq: 7 Jul 2015 1:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.1	37.7
277	25.6	18.7	28.1

