

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
 Data File : BG017791.D
 Acq On : 7 Jul 2015 11:44
 Operator : TP/UM
 Sample : G2860-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G93H9

Manual Integrations
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apatel
 7/9/2015 8:30:19 AM

Quant Time: Jul 08 03:49:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 03:36:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	67571	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	316850	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	190670	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	384248	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	404000	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	397492	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4831	2.83	ng/uL	0.00
5) Phenol-d5	6.78	99	91158	15.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	55655	16.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	72103	14.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	61459	13.17	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	39022	16.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	40050	16.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	66122	14.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	61645	10.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	199551	15.81	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	238124	14.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	30449	12.03	ng/ul	0.00
57) Fluorene-d10	15.26	176	166212	12.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	13466	7.56	ng/ul	0.00
70) Anthracene-d10	17.11	188	245296	14.01	ng/ul	0.00
78) Pyrene-d10	19.42	212	220906	11.50	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	193021	11.03	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.81	94	8477	1.38	ng/ul#	84
14) Acetophenone	8.42	105	58700	8.54	ng/ul	99
28) Naphthalene	10.43	128	107434	6.55	ng/ul	98
34) 2-Methylnaphthalene	12.05	142	25506	2.19	ng/ul	97
44) Dimethylphthalate	13.72	163	61955	4.42	ng/ul#	95
47) Acenaphthylene	13.98	152	55340	2.98	ng/ul#	96
49) Acenaphthene	14.32	153	77225	6.16	ng/ul	100
53) Dibenzofuran	14.66	168	76567	4.53	ng/ul	96
58) Fluorene	15.31	166	90706	6.05	ng/ul#	92
69) Phenanthrene	17.05	178	1587539	75.59	ng/ul	96
71) Anthracene	17.14	178	319293	14.78	ng/ul	98
74) Carbazole	17.42	167	113856	6.33	ng/ul	95
76) Fluoranthene	19.09	202	2197929	108.62	ng/ul#	92
79) Pyrene	19.45	202	2235972m	90.69	ng/ul	
82) Benzo(a)anthracene	21.20	228	1109520	49.84	ng/ul	94
84) Chrysene	21.25	228	1098533	52.10	ng/ul	97
87) Benzo(b)fluoranthene	22.78	252	1322803	58.22	ng/ul	93
88) Benzo(k)fluoranthene	22.81	252	490843m	22.92	ng/ul	
90) Benzo(a)pyrene	23.35	252	984940	45.62	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.70	276	630668	26.75	ng/ul	97
92) Dibenzo(a,h)anthracene	25.70	278	157366	7.90	ng/ul#	79
93) Benzo(g,h,i)perylene	26.39	276	292000	14.81	ng/ul	96

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Data File : BG017791.D
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Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 03:36:00 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

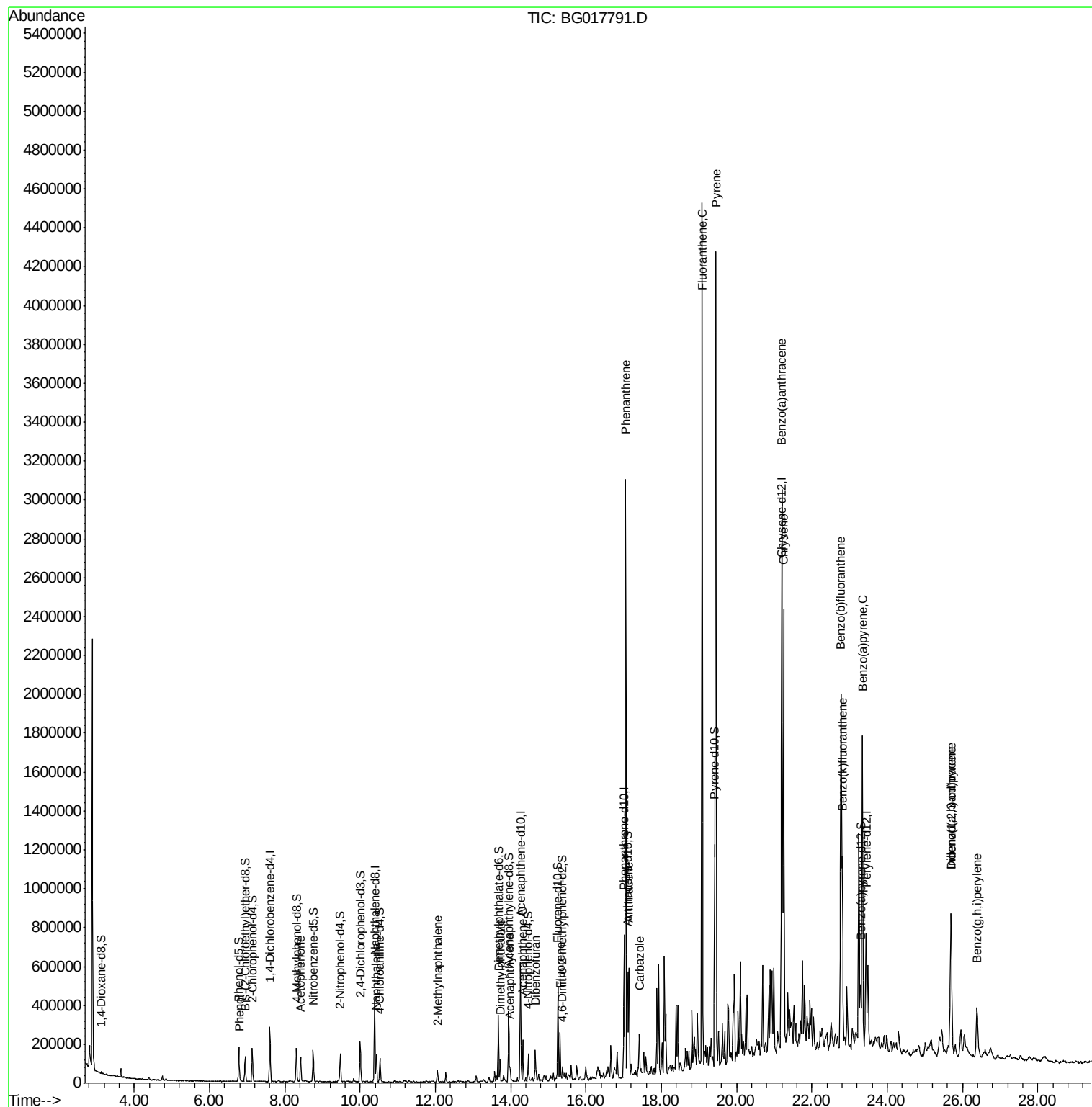
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017791.D
Acq On : 7 Jul 2015 11:44
Operator : TP/UM
Sample : G2860-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

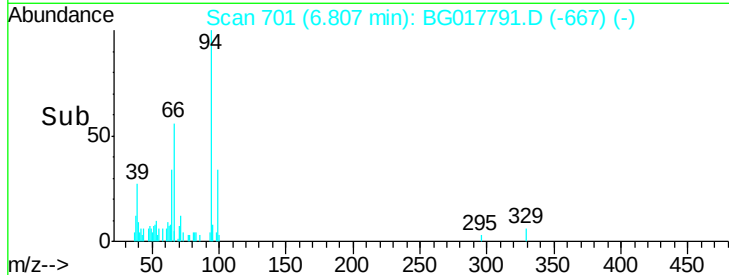
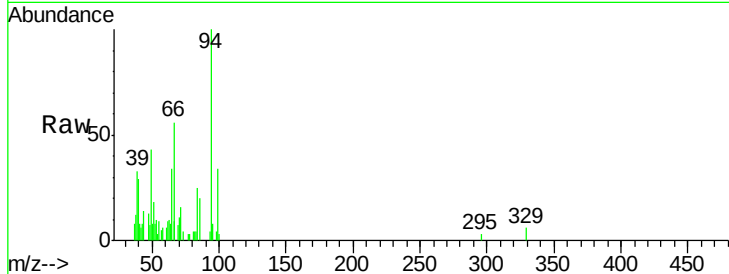
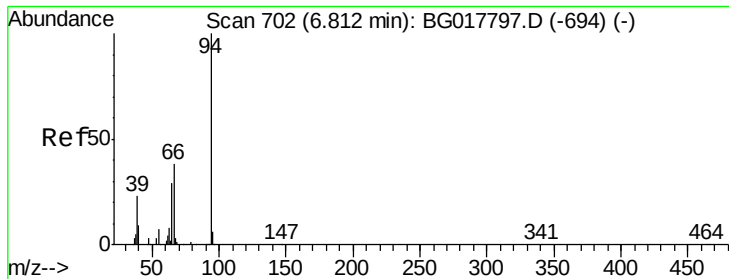
Instrument :
BNA_G
ClientSampleID :
G93H9

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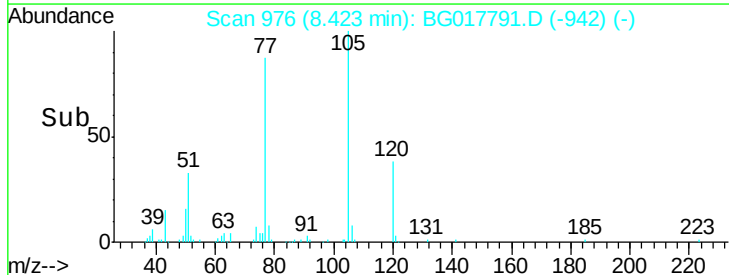
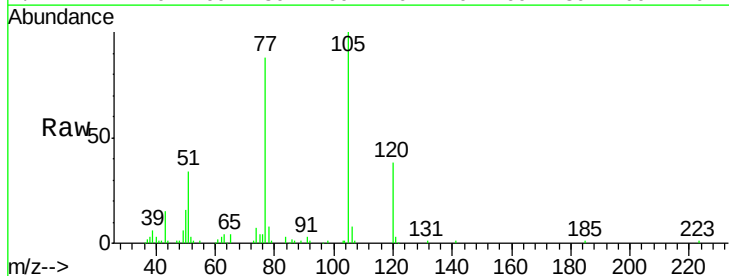
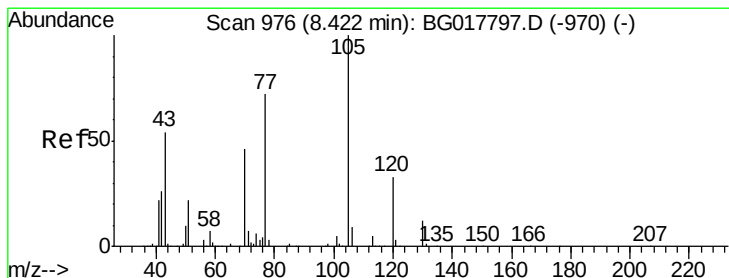
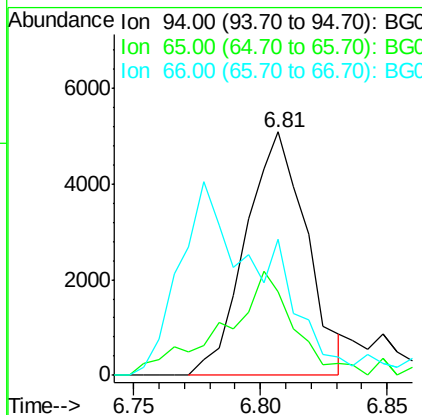
#6
Phenol
Concen: 1.38 ng/ul
RT: 6.81 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG017791.D
Acq: 7 Jul 2015 11:44

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.5	24.2	36.4
66	55.7	33.4	50.2

Instrument :
BNA_G
ClientSampled :
G93H9

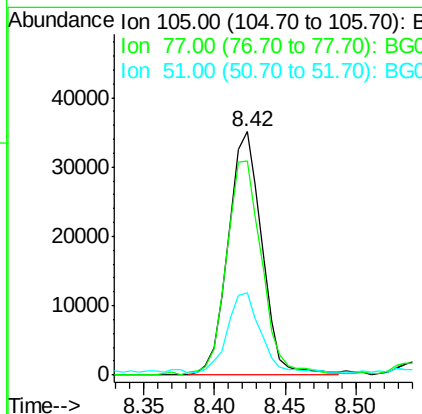
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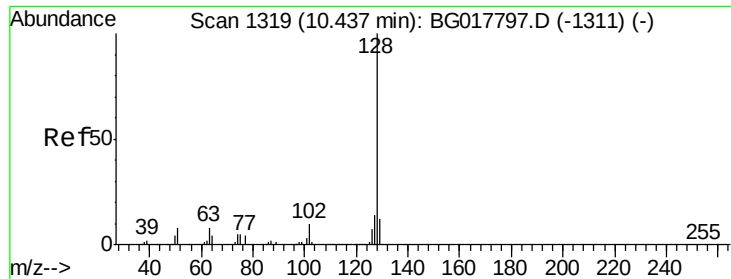
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#14
Acetophenone
Concen: 8.54 ng/ul
RT: 8.42 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG017791.D
Acq: 7 Jul 2015 11:44

Tgt Ion	Ratio	Lower	Upper
105	100		
77	87.8	69.5	104.3
51	33.8	26.7	40.1





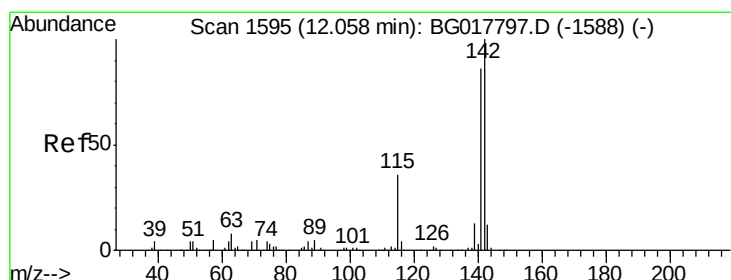
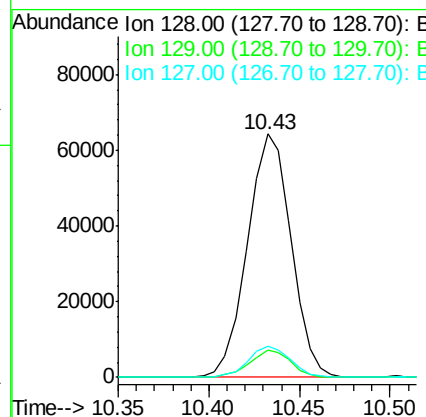
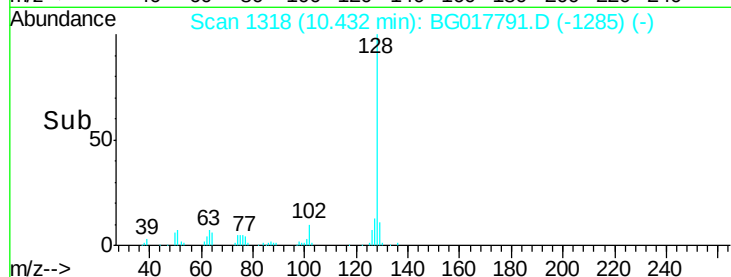
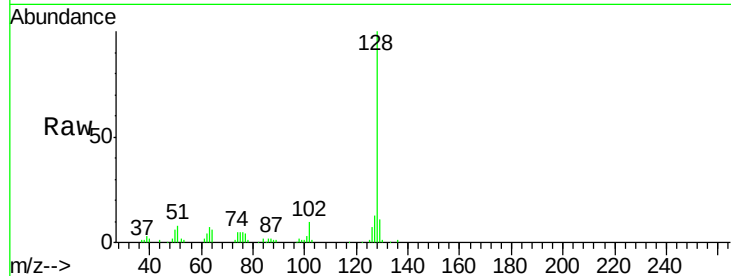
#28
Naphthalene
Concen: 6.55 ng/ul
RT: 10.43 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG017791.D
Acq: 7 Jul 2015 11:44

Instrument :
BNA_G
ClientSampleId :
G93H9

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	107434		
129	11.3	8.7	13.1	
127	12.8	11.0	16.6	

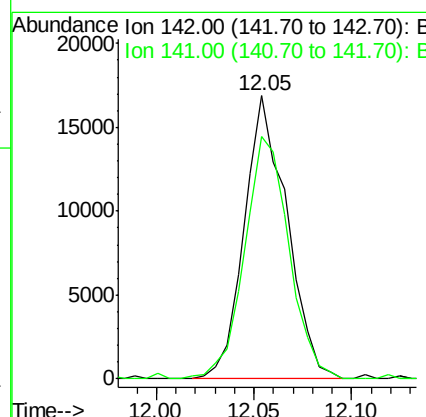
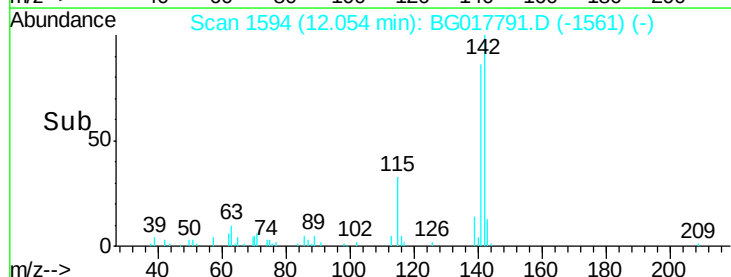
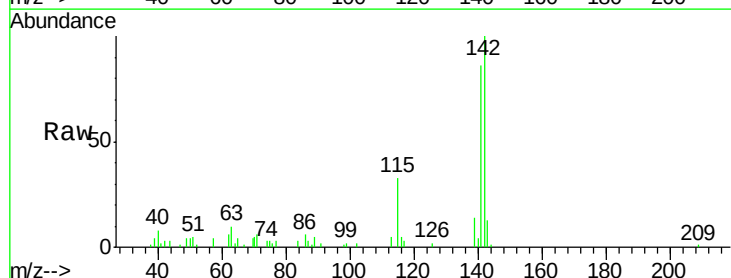
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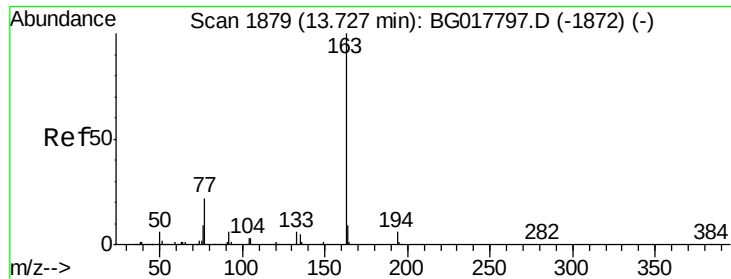
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#34
2-Methylnaphthalene
Concen: 2.19 ng/ul
RT: 12.05 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG017791.D
Acq: 7 Jul 2015 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	25506		
141	85.6	66.6	100.0	





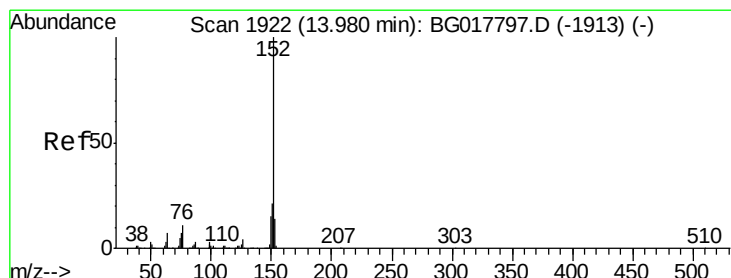
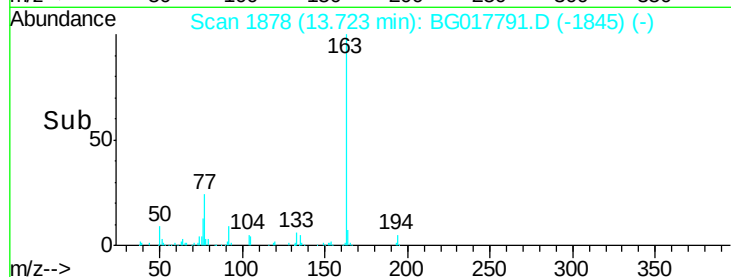
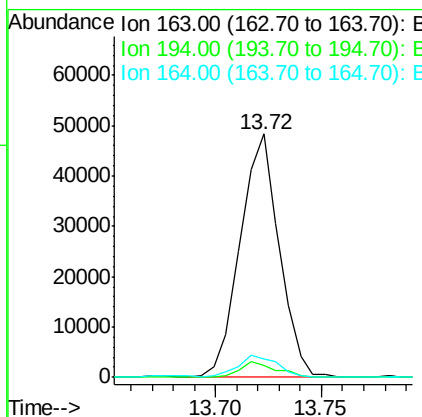
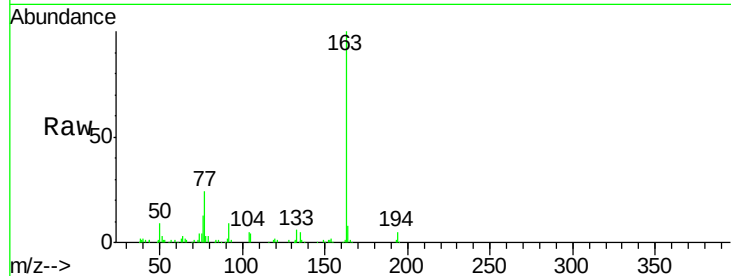
#44
Dimethylphthalate
Concen: 4.42 ng/ul
RT: 13.72 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG017791.D
Acq: 7 Jul 2015 11:44

Instrument :
BNA_G
ClientSampleId :
G93H9

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	61955		
194	5.0		5.4	8.0#
164	7.7		7.7	11.5

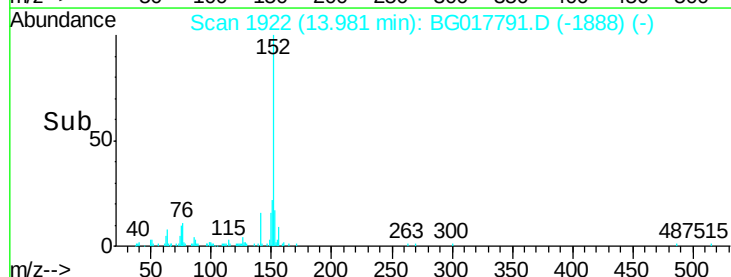
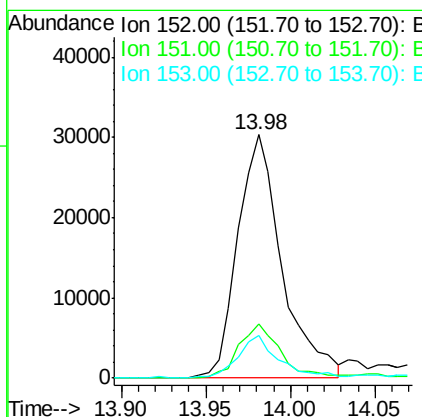
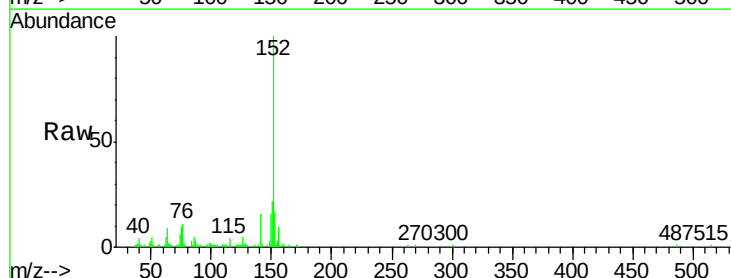
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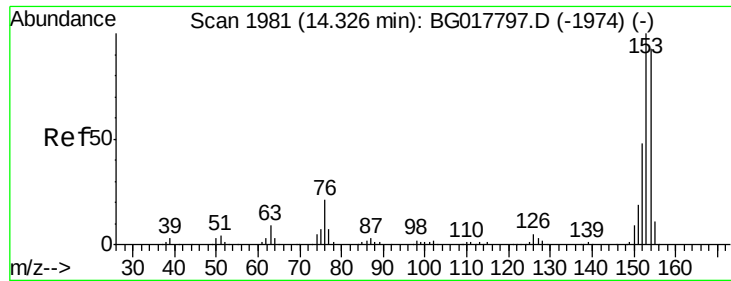
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#47
Acenaphthylene
Concen: 2.98 ng/ul
RT: 13.98 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BG017791.D
Acq: 7 Jul 2015 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	55340		
151	22.0		17.0	25.6
153	17.5		11.2	16.8#





#49

Acenaphthene

Concen: 6.16 ng/ul

RT: 14.32 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG017791.D

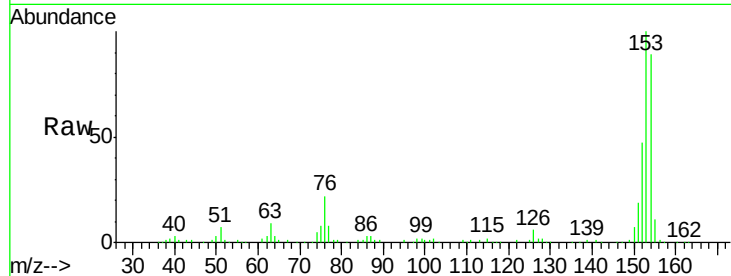
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Instrument :

BNA_G

ClientSampleId :

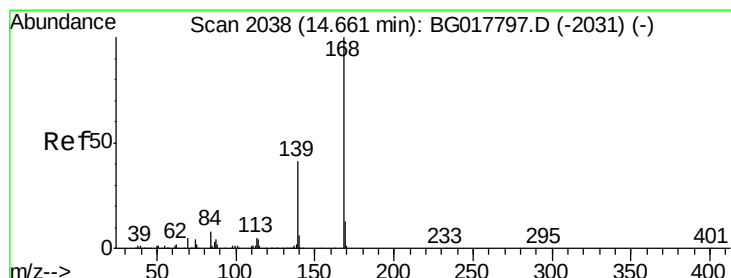
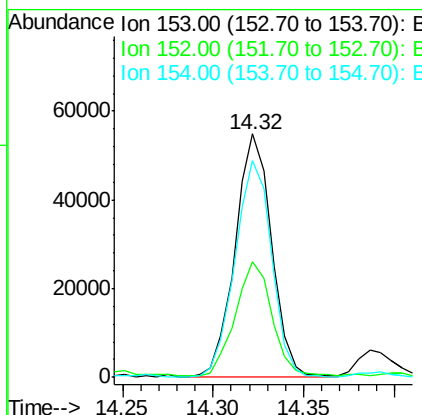
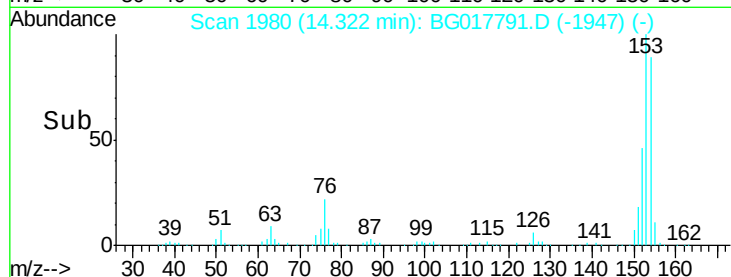
G93H9



Tgt Ion:	153	Resp:	77225
Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.8	56.6
154	89.2	71.2	106.8

Manual Integrations
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#53

Dibenzofuran

Concen: 4.53 ng/ul

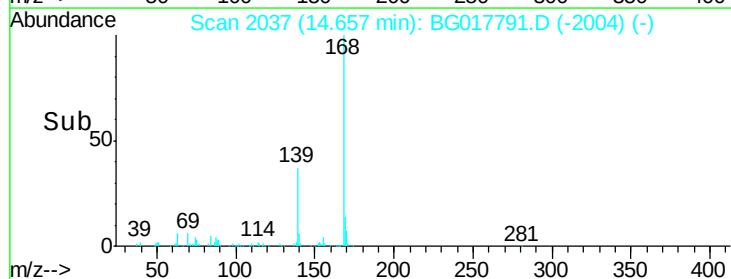
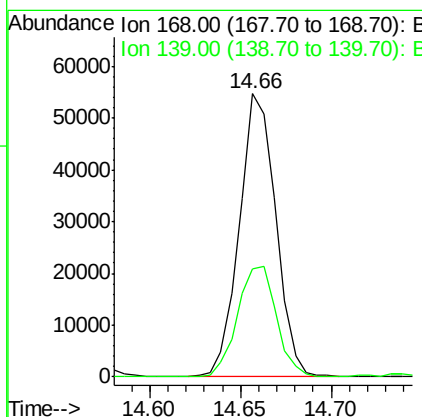
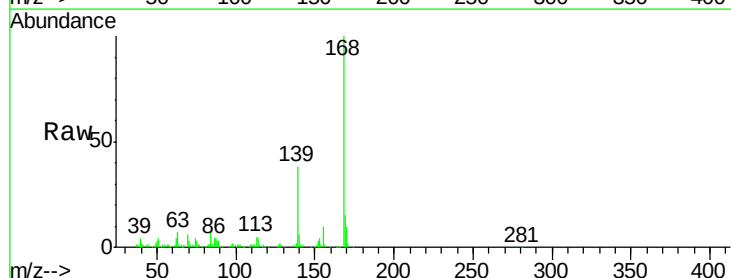
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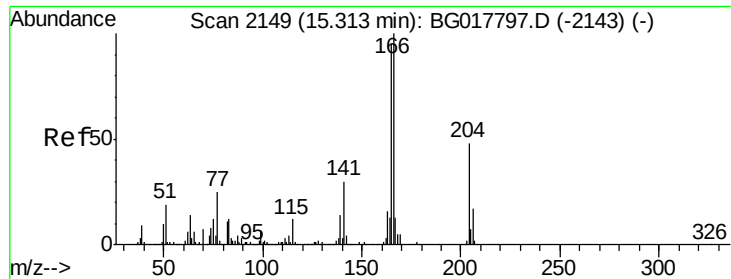
Delta R.T. -0.01 min

Lab File: BG017791.D

Acq: 7 Jul 2015 11:44

Tgt Ion:	168	Resp:	76567
Ion	Ratio	Lower	Upper
168	100		
139	38.3	32.7	49.1





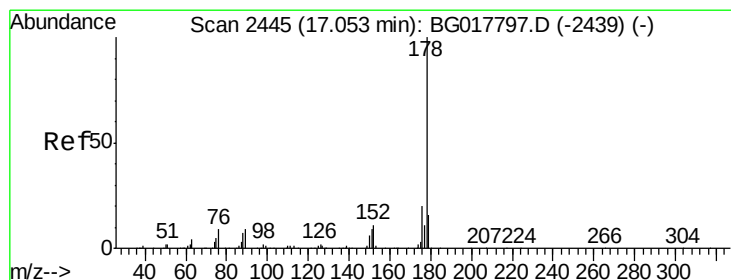
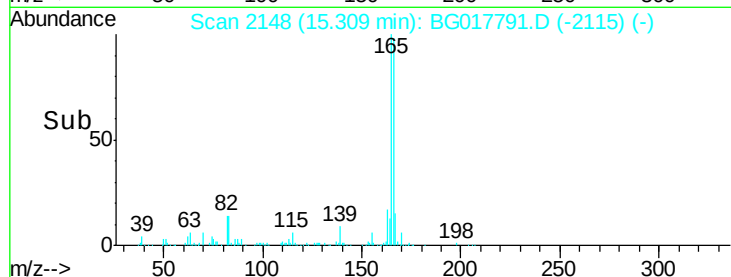
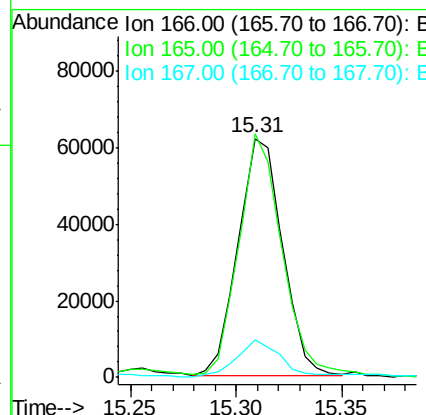
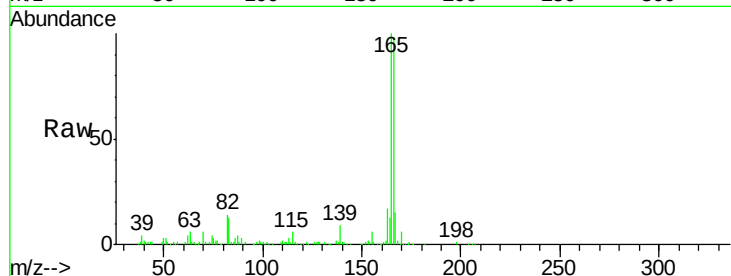
#58
 Fluorene
 Concen: 6.05 ng/ul
 RT: 15.31 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG017791.D
 Acq: 7 Jul 2015 11:44

Instrument :
 BNA_G
 ClientSampleId :
 G93H9

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	90706		
165	101.9	75.7	113.5	
167	15.7	10.1	15.1#	

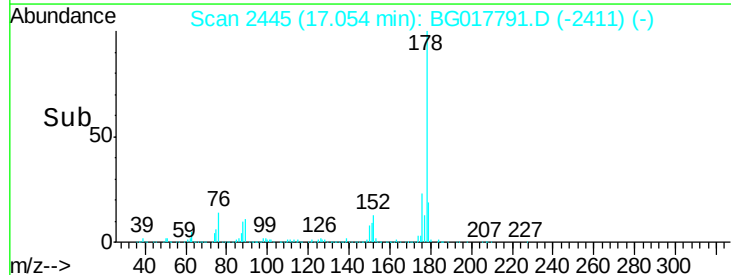
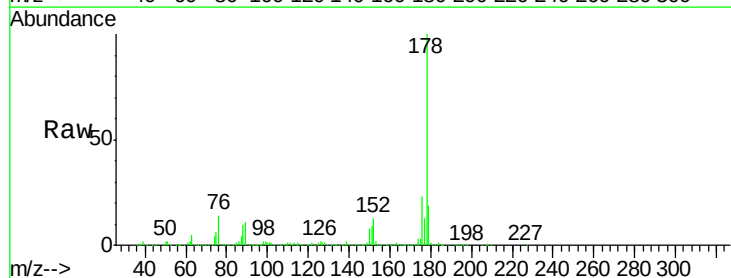
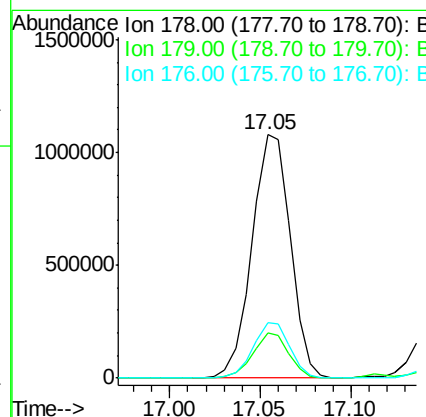
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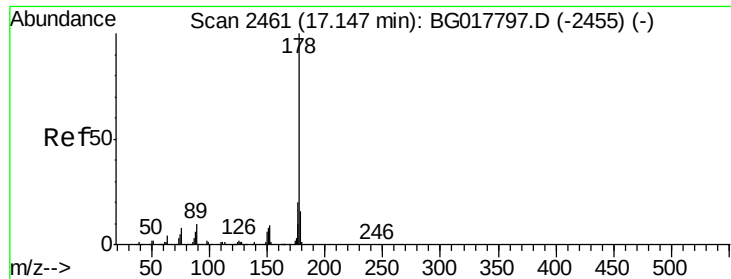
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#69
 Phenanthrene
 Concen: 75.59 ng/ul
 RT: 17.05 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG017791.D
 Acq: 7 Jul 2015 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1587539		
179	18.6	13.0	19.4	
176	22.5	17.0	25.4	





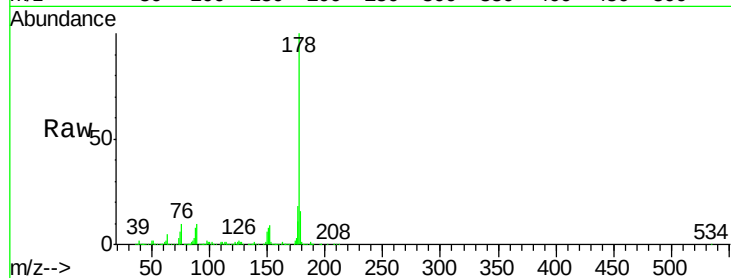
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 Anthracene
 Concen: 14.78 ng/ul
 RT: 17.14 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: BG017791.D
 Acq: 7 Jul 2015 11:44

Instrument :
 BNA_G
 ClientSampled :
 G93H9

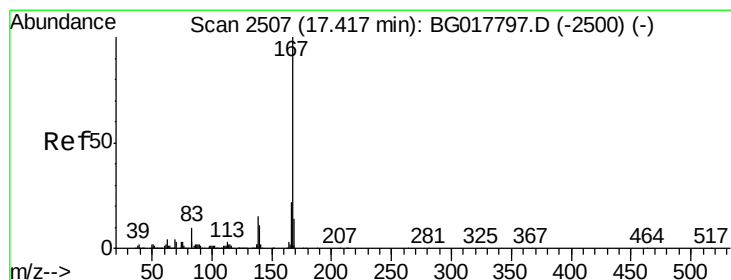
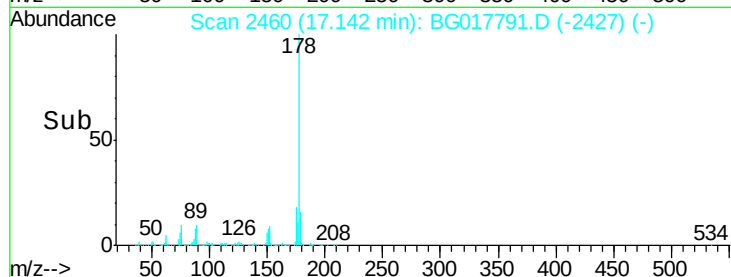
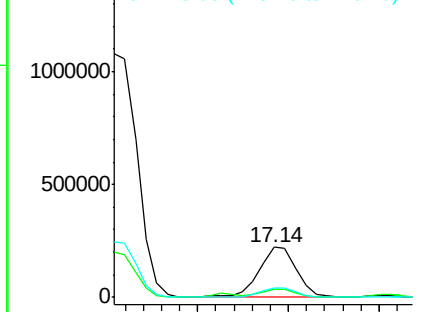
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Ion Ratio	Lower	Upper	
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176	18.3	15.3	22.9

Manual Integrations
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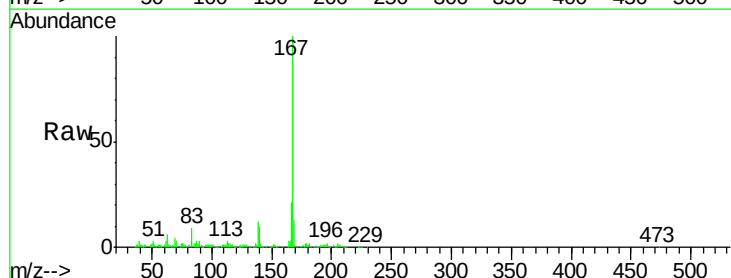


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

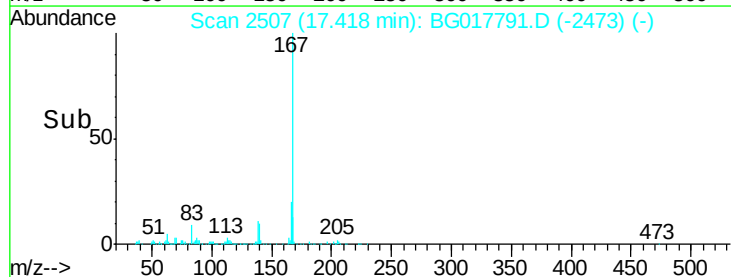
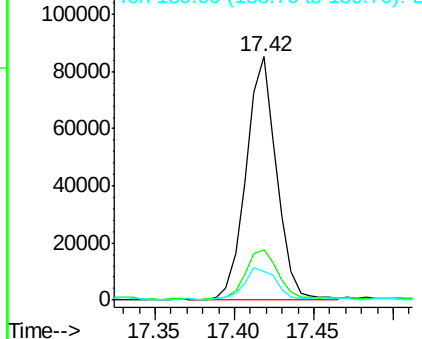


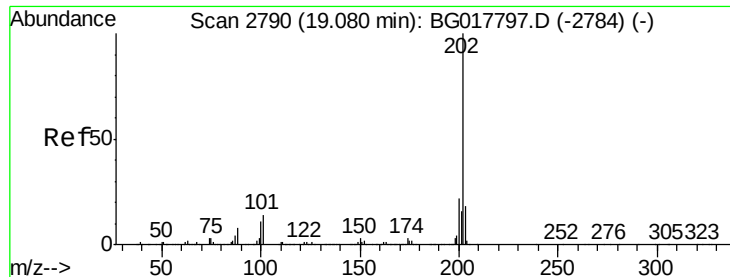
#74
 Carbazole
 Concen: 6.33 ng/ul
 RT: 17.42 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG017791.D
 Acq: 7 Jul 2015 11:44

Tgt Ion:	167	Resp:	113856
Ion Ratio	Lower	Upper	
167	100		
166	20.6	18.0	27.0
139	11.9	11.4	17.0



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#76

Fluoranthene

Concen: 108.62 ng/ul

RT: 19.09 min Scan# 2791

Delta R.T. 0.01 min

Lab File: BG017791.D

Acq: 7 Jul 2015 11:44

Instrument :

BNA_G

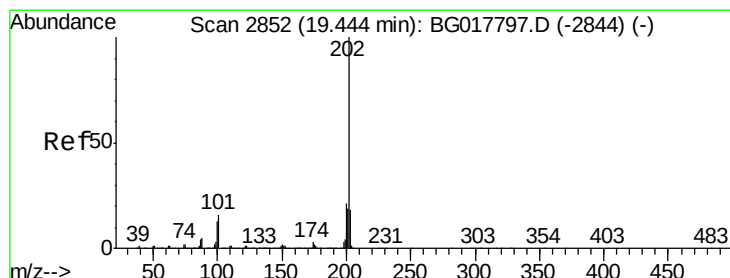
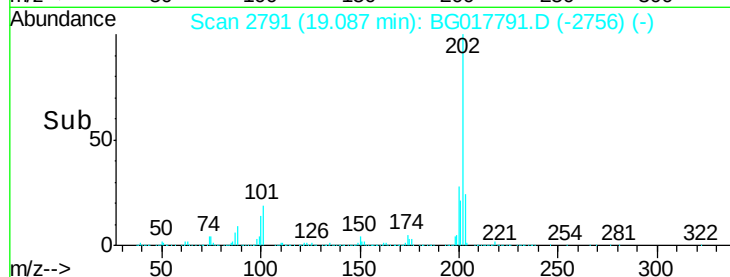
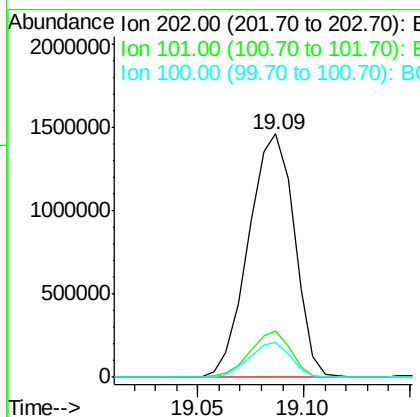
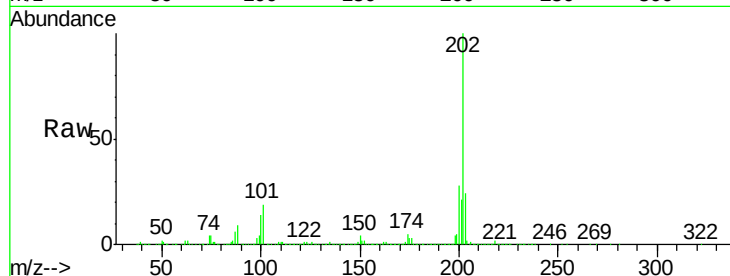
ClientSampleId :

G93H9

Tgt	Ion	202	Resp:	2197929
Ion	Ratio	Lower	Upper	
202	100			
101	19.3	12.6	18.8#	
100	14.5	9.1	13.7#	

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#79

Pyrene

Concen: 90.69 ng/ul m

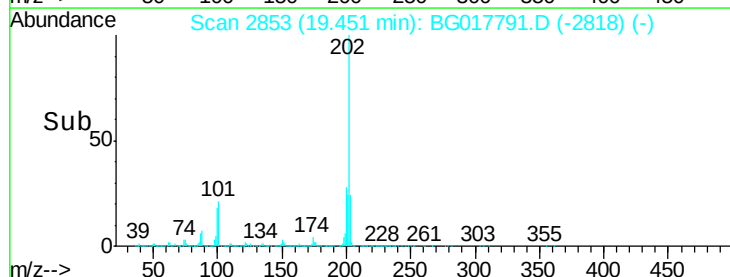
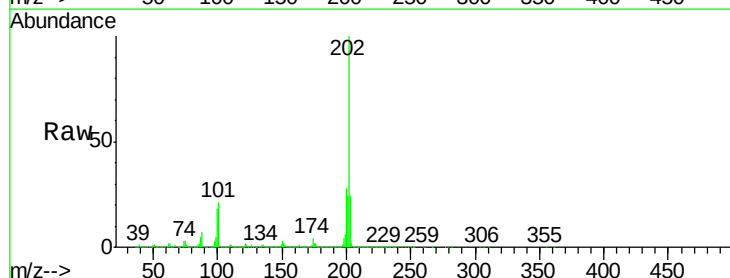
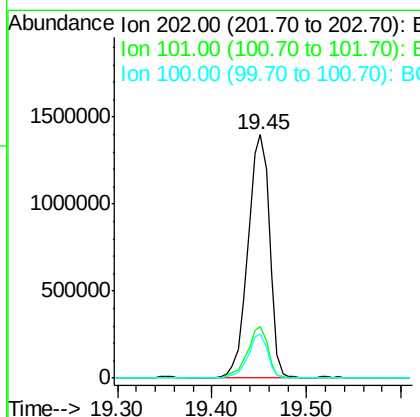
RT: 19.45 min Scan# 2853

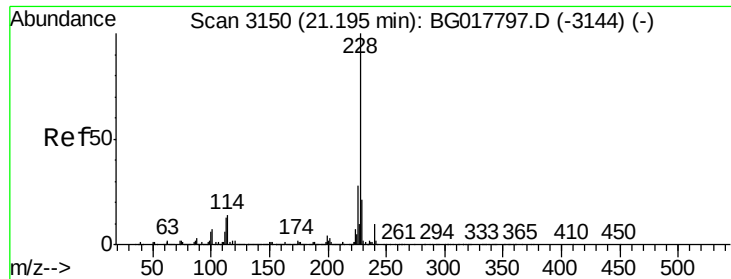
Delta R.T. 0.01 min

Lab File: BG017791.D

Acq: 7 Jul 2015 11:44

Tgt	Ion	202	Resp:	2235972
Ion	Ratio	Lower	Upper	
202	100			
101	21.2	13.1	19.7#	
100	18.1	11.3	16.9#	





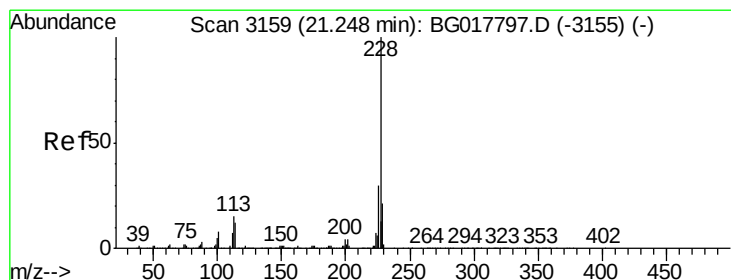
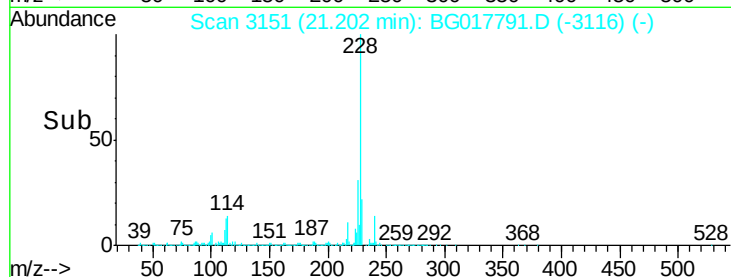
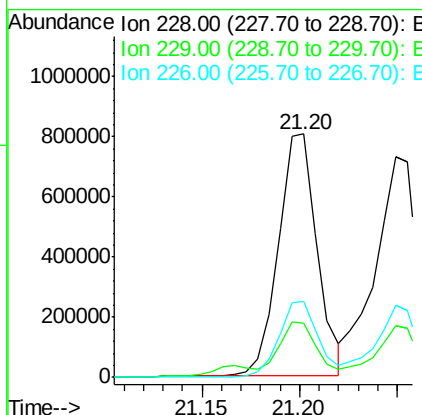
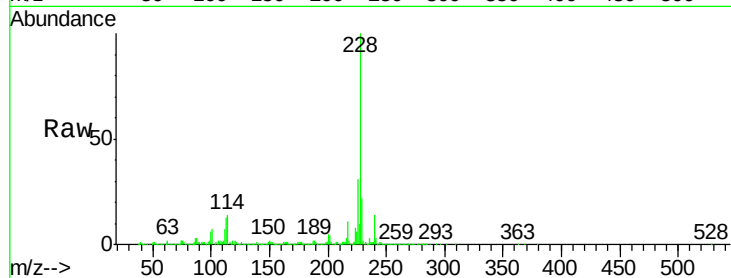
#82
Benzo(a)anthracene
Concen: 49.84 ng/ul
RT: 21.20 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BG017791.D
Acq: 7 Jul 2015 11:44

Instrument :
BNA_G
ClientSampleId :
G93H9

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.8	23.8
226	31.1	22.2	33.2

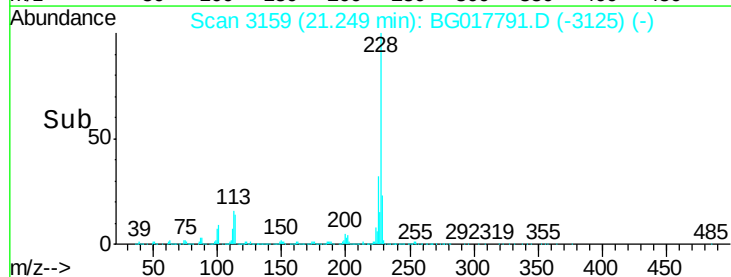
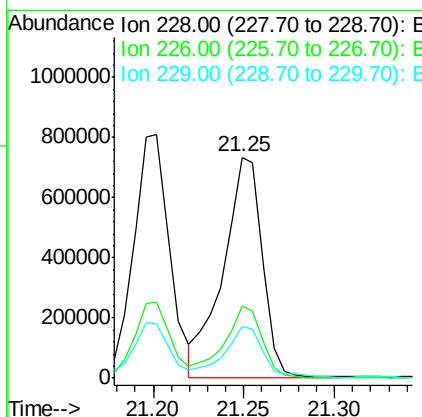
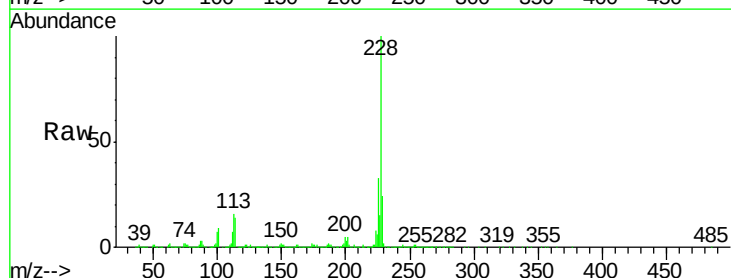
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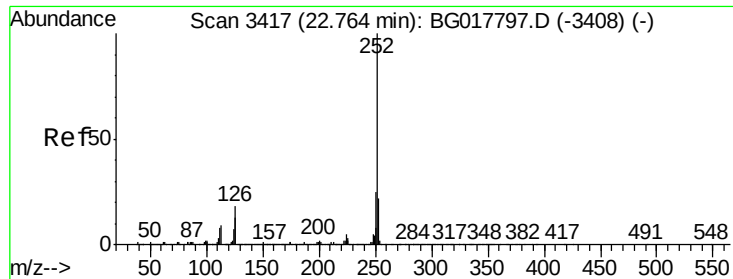
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#84
Chrysene
Concen: 52.10 ng/ul
RT: 21.25 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG017791.D
Acq: 7 Jul 2015 11:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.6	38.4
229	23.6	16.4	24.6





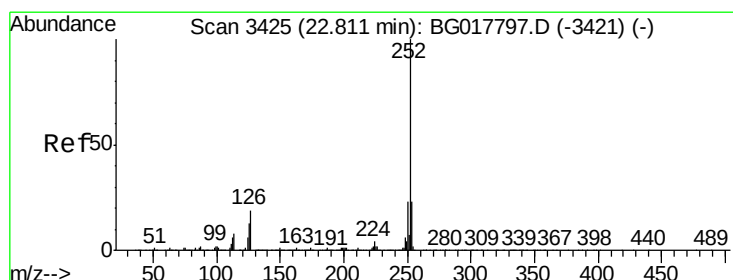
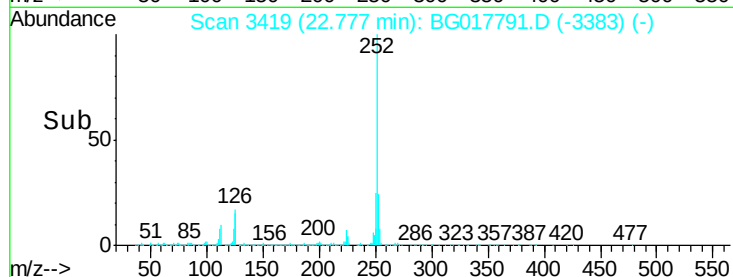
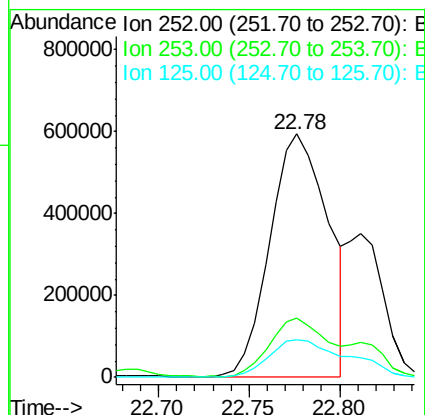
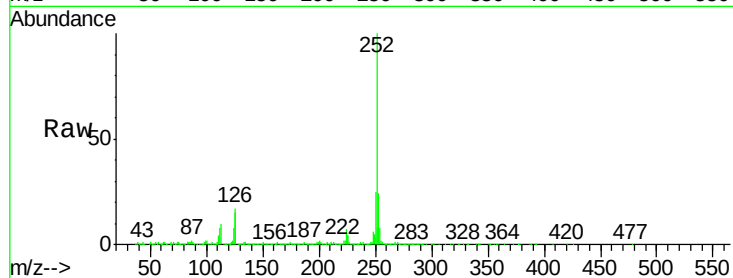
#87
Benzo(b)fluoranthene
Concen: 58.22 ng/ul
RT: 22.78 min Scan# 3419
Delta R.T. 0.01 min
Lab File: BG017791.D
Acq: 7 Jul 2015 11:44

Instrument :
BNA_G
ClientSampleId :
G93H9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	16.8	25.2
125	15.5	10.4	15.6

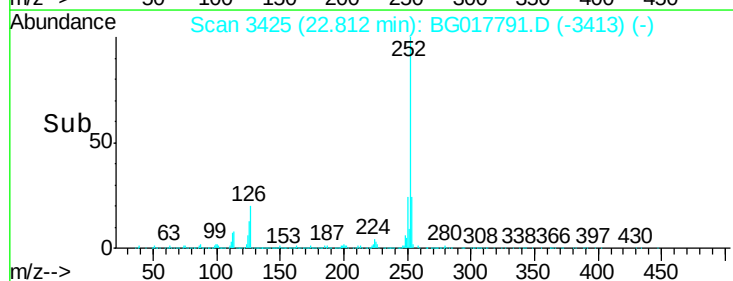
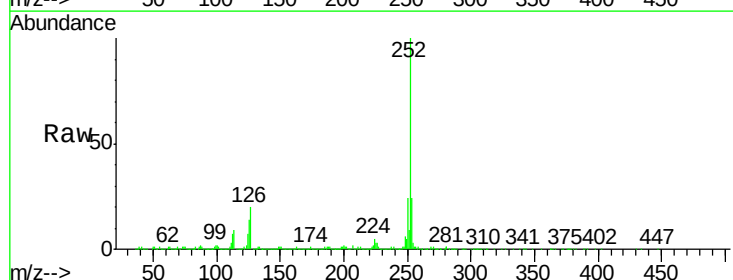
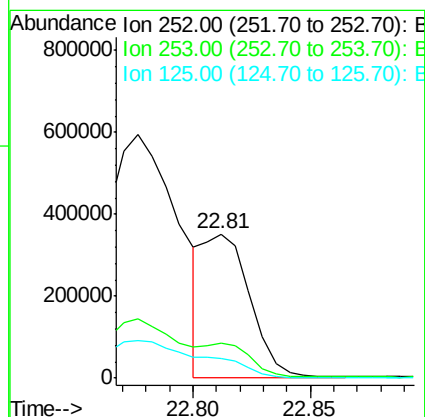
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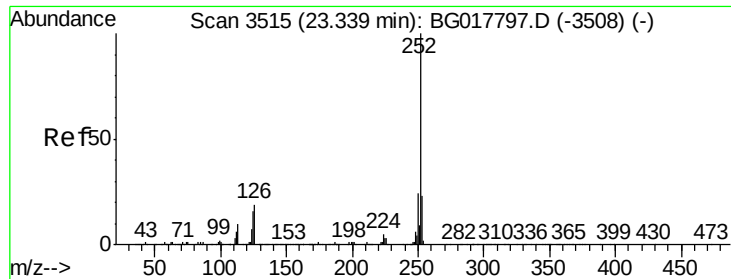
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#88
Benzo(k)fluoranthene
Concen: 22.92 ng/ul m
RT: 22.81 min Scan# 3425
Delta R.T. 0.00 min
Lab File: BG017791.D
Acq: 7 Jul 2015 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	13.7	11.6	17.4





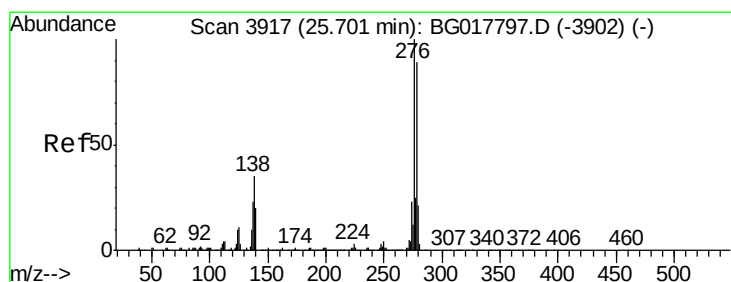
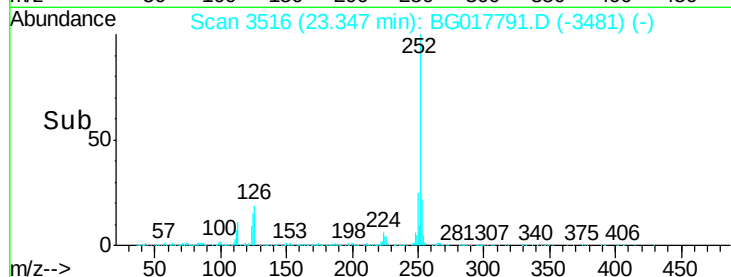
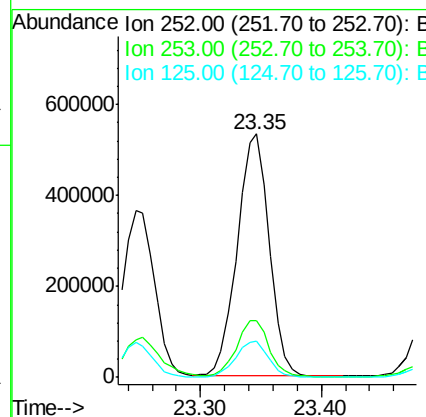
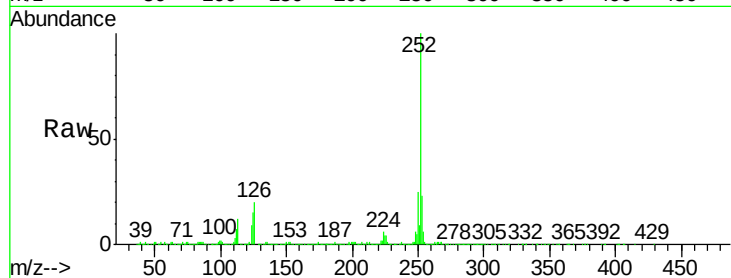
#90
Benzo(a)pyrene
Concen: 45.62 ng/ul
RT: 23.35 min Scan# 3516
Delta R.T. 0.01 min
Lab File: BG017791.D
Acq: 7 Jul 2015 11:44

Instrument :
BNA_G
ClientSampleId :
G93H9

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.4	18.3	27.5
125	14.8	12.1	18.1

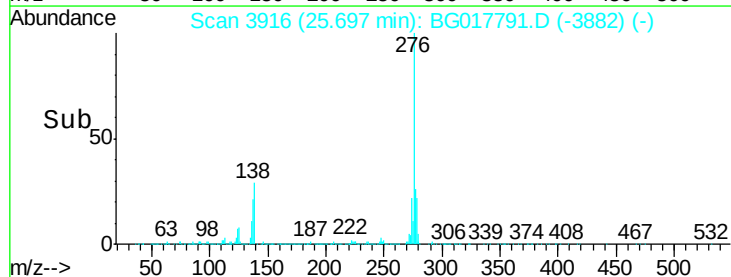
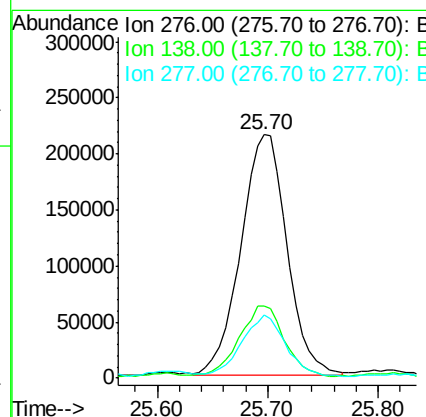
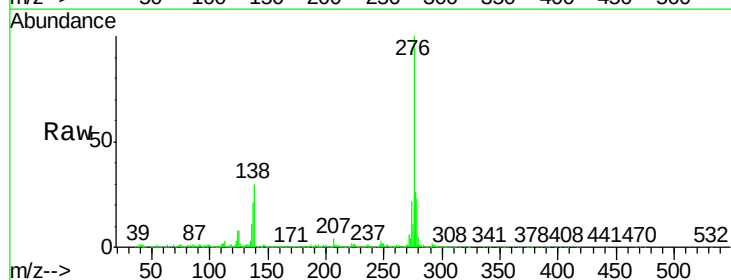
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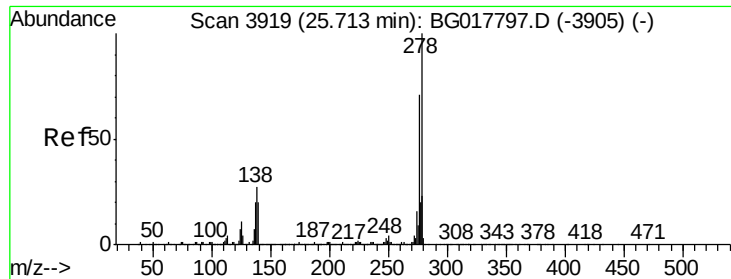
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#91
Indeno(1,2,3-cd)pyrene
Concen: 26.75 ng/ul
RT: 25.70 min Scan# 3916
Delta R.T. 0.00 min
Lab File: BG017791.D
Acq: 7 Jul 2015 11:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.6	26.1	39.1
277	26.0	20.9	31.3





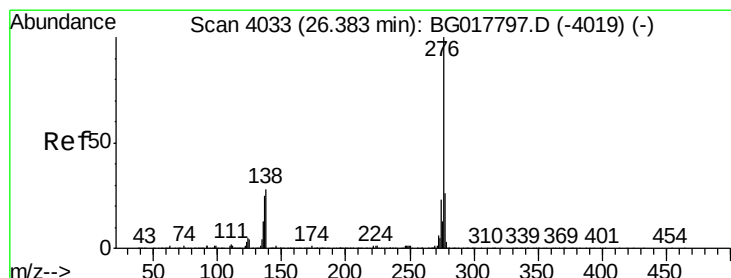
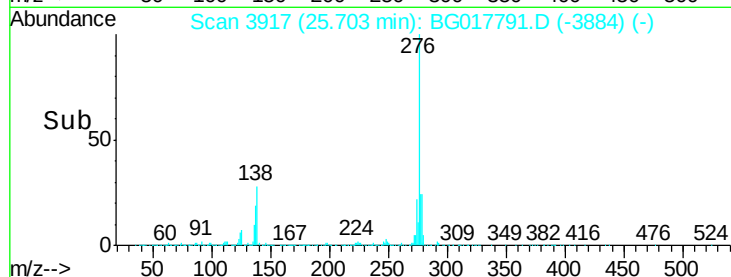
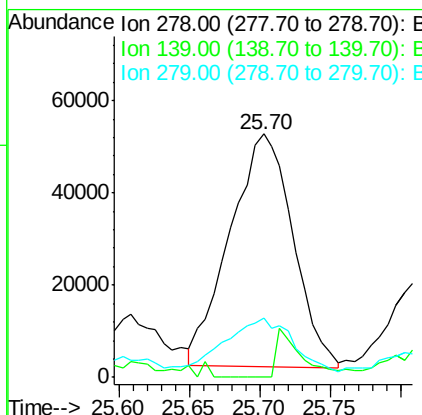
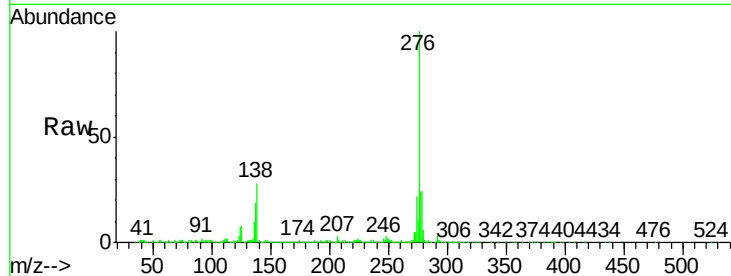
#92
Dibenzo(a,h)anthracene
Concen: 7.90 ng/ul
RT: 25.70 min Scan# 3917
Delta R.T. -0.01 min
Lab File: BG017791.D
Acq: 7 Jul 2015 11:44

Instrument :
BNA_G
ClientSampleId :
G93H9

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.3	24.5#
279	24.2	18.7	28.1

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#93
Benzo(g,h,i)perylene
Concen: 14.81 ng/ul
RT: 26.39 min Scan# 4034
Delta R.T. 0.01 min
Lab File: BG017791.D
Acq: 7 Jul 2015 11:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.1	37.7
277	25.7	18.7	28.1

