

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
 Data File : BG017795.D
 Acq On : 7 Jul 2015 14:22
 Operator : TP/UM
 Sample : G2860-04DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G93H9DL

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Quant Time: Jul 08 04:41:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 03:36:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	97143	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	456372	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	281783	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	562393	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	576155	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	594584	20.00	ng/ul	0.00

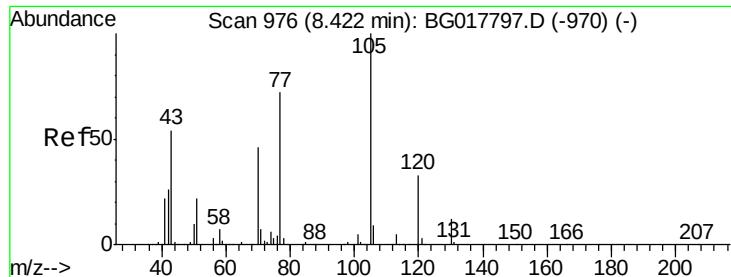
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	2428	0.99	ng/uL	0.00
5) Phenol-d5	6.78	99	44693	5.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	26609	5.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	36964	5.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	28458	4.24	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	18102	5.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	19440	5.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	32054	4.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	30305	3.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	99146	5.32	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	116431	4.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	13957	3.73	ng/ul	0.00
57) Fluorene-d10	15.26	176	83964	4.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	5001	1.92	ng/ul	0.00
70) Anthracene-d10	17.11	188	118989	4.64	ng/ul	0.00
78) Pyrene-d10	19.42	212	108087	3.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	93935	3.59	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.42	105	27060	2.74	ng/ul	100
28) Naphthalene	10.44	128	53973	2.29	ng/ul	96
44) Dimethylphthalate	13.72	163	28989	1.40	ng/ul#	93
47) Acenaphthylene	13.98	152	28373	1.03	ng/ul	93
49) Acenaphthene	14.33	153	38259	2.07	ng/ul	97
53) Dibenzofuran	14.66	168	36286	1.45	ng/ul	100
58) Fluorene	15.31	166	45929	2.07	ng/ul	97
69) Phenanthrene	17.05	178	828712	26.96	ng/ul	98
71) Anthracene	17.15	178	159752	5.05	ng/ul	97
74) Carbazole	17.42	167	54344	2.06	ng/ul	99
76) Fluoranthene	19.09	202	1225719	41.39	ng/ul	97
79) Pyrene	19.45	202	1222316	34.76	ng/ul	99
82) Benzo(a)anthracene	21.20	228	560758	17.66	ng/ul	96
84) Chrysene	21.25	228	548645	18.25	ng/ul	97
87) Benzo(b)fluoranthene	22.78	252	643992	18.95	ng/ul	95
88) Benzo(k)fluoranthene	22.81	252	259238m	8.09	ng/ul	
90) Benzo(a)pyrene	23.35	252	477757	14.79	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.70	276	303472	8.61	ng/ul	97
92) Dibenzo(a,h)anthracene	25.71	278	74745	2.51	ng/ul#	78
93) Benzo(g,h,i)perylene	26.39	276	140818	4.77	ng/ul#	92

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



#14

Acetophenone

Concen: 2.74 ng/ul

RT: 8.42 min Scan# 976

Delta R.T. 0.00 min

Lab File: BG017795.D

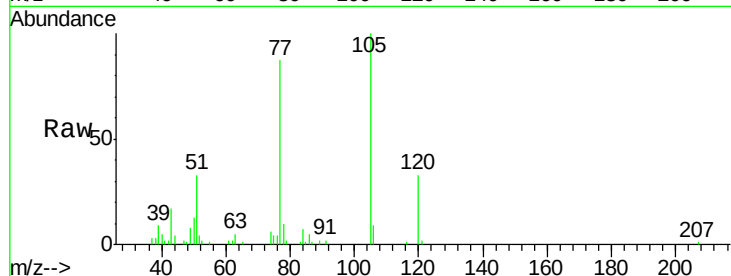
Acq: 7 Jul 2015 14:22

Instrument :

BNA_G

ClientSampleId :

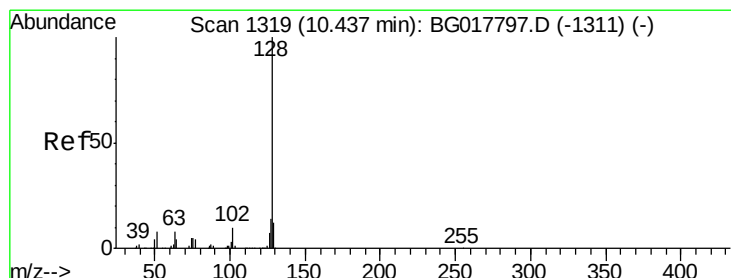
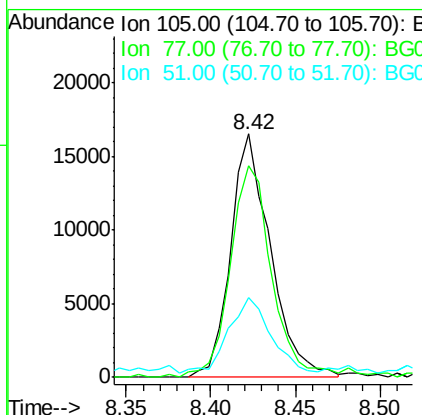
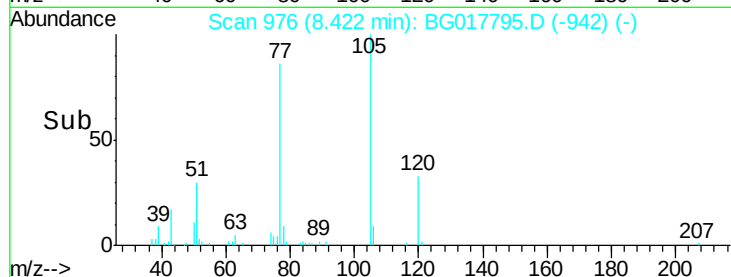
G93H9DL



Tgt Ion:	105	Resp:	27060
Ion Ratio	Lower	Upper	
105	100		
77	86.8	69.5	104.3
51	32.8	26.7	40.1

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#28

Naphthalene

Concen: 2.29 ng/ul

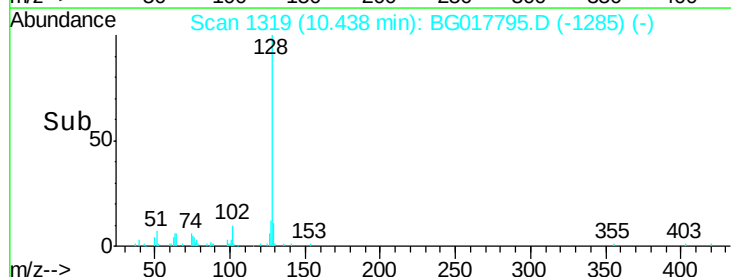
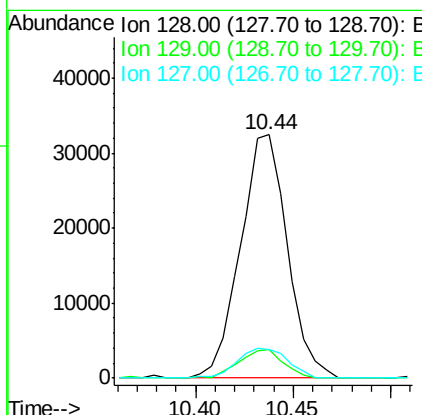
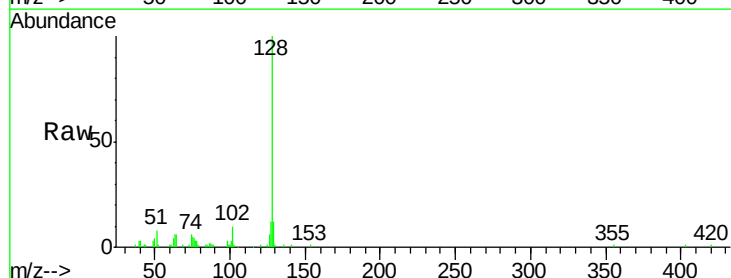
RT: 10.44 min Scan# 1319

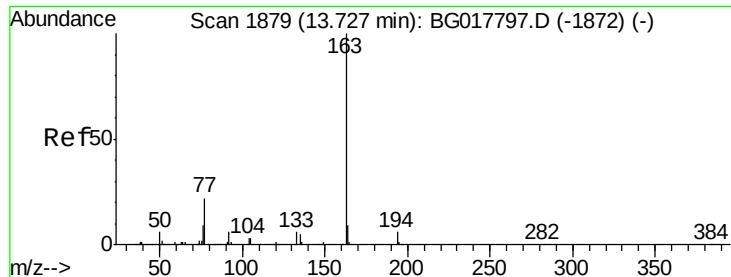
Delta R.T. 0.00 min

Lab File: BG017795.D

Acq: 7 Jul 2015 14:22

Tgt Ion:	128	Resp:	53973
Ion Ratio	Lower	Upper	
128	100		
129	11.7	8.7	13.1
127	11.8	11.0	16.6





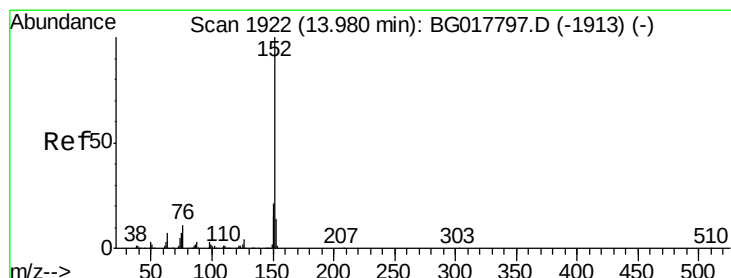
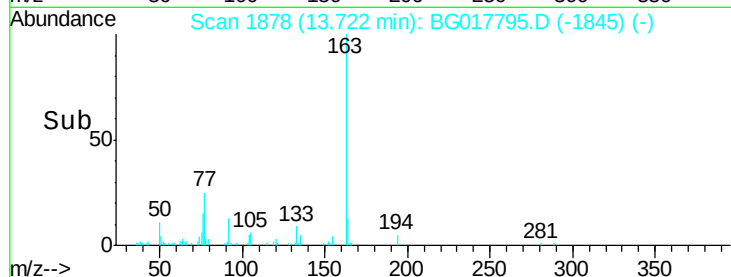
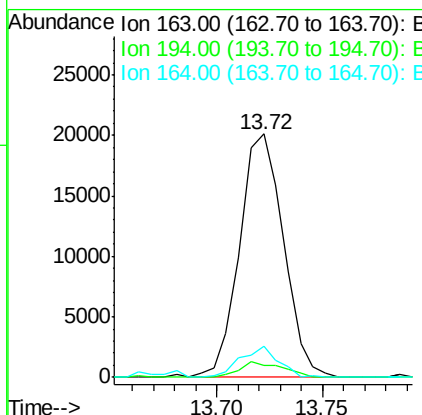
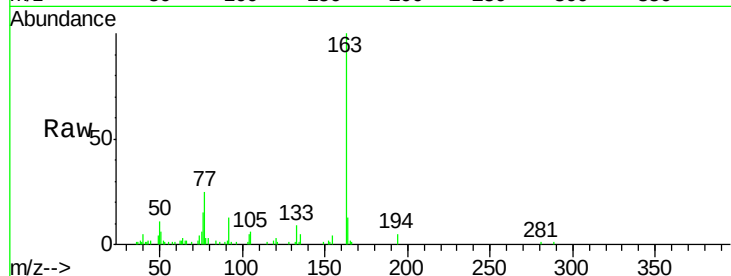
#44
Dimethylphthalate
Concen: 1.40 ng/ul
RT: 13.72 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG017795.D
Acq: 7 Jul 2015 14:22

Instrument :
BNA_G
ClientSampled :
G93H9DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.9	5.4	8.0#
164	12.7	7.7	11.5#

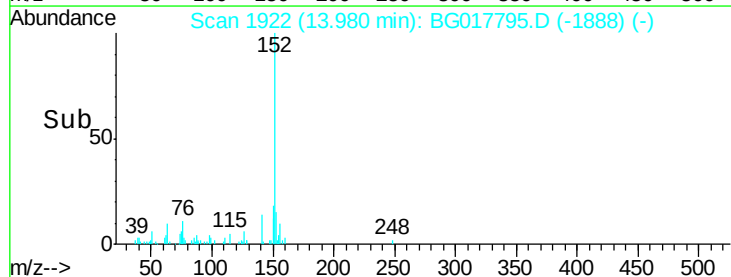
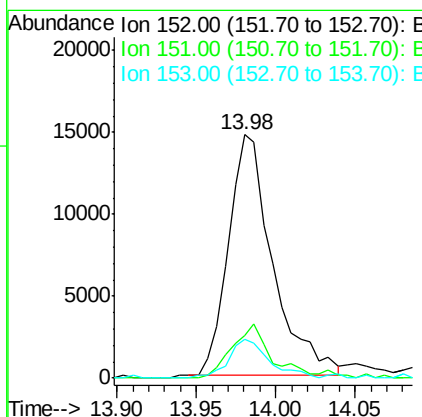
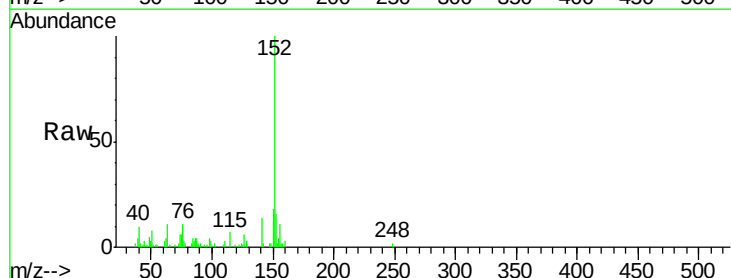
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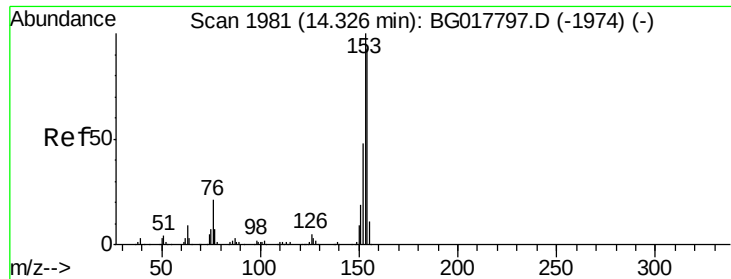
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#47
Acenaphthylene
Concen: 1.03 ng/ul
RT: 13.98 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BG017795.D
Acq: 7 Jul 2015 14:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	17.7	17.0	25.6
153	15.9	11.2	16.8





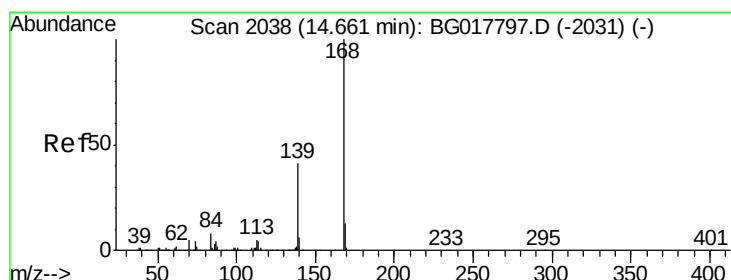
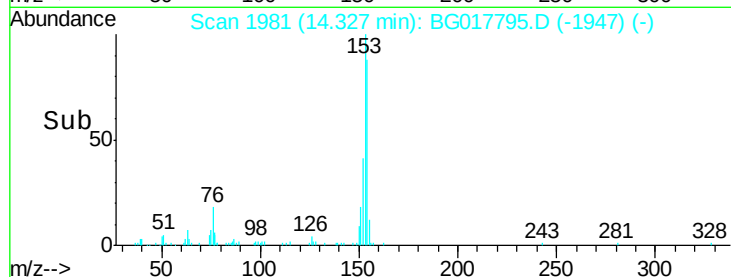
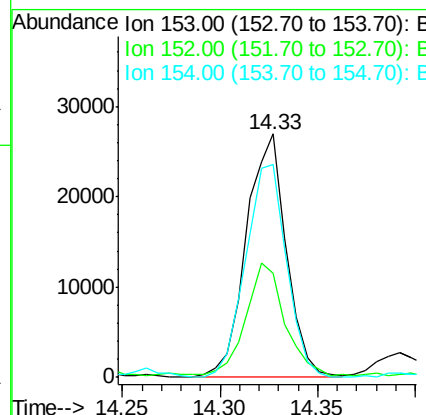
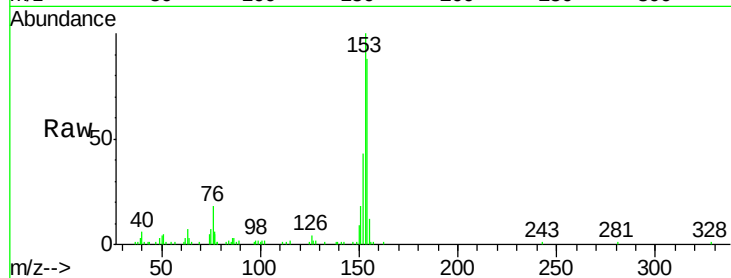
#49
Acenaphthene
Concen: 2.07 ng/ul
RT: 14.33 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG017795.D
Acq: 7 Jul 2015 14:22

Instrument :
BNA_G
ClientSampleId :
G93H9DL

Tgt Ion	Ratio	Lower	Upper
153	100		
152	42.8	37.8	56.6
154	87.5	71.2	106.8

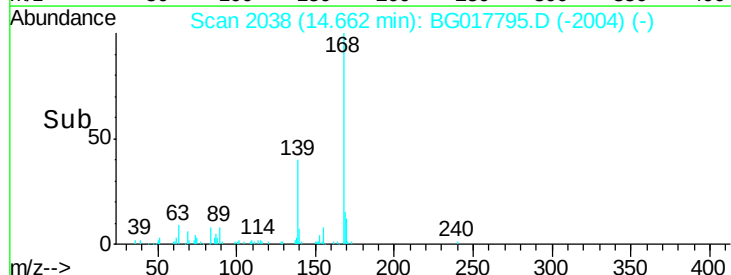
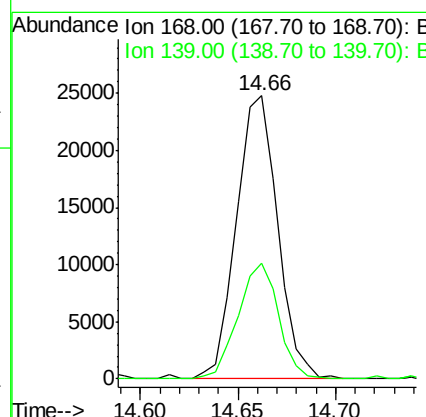
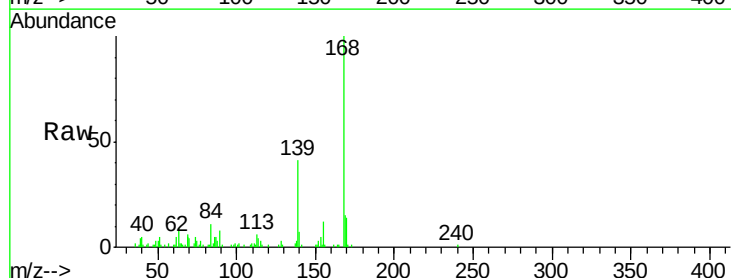
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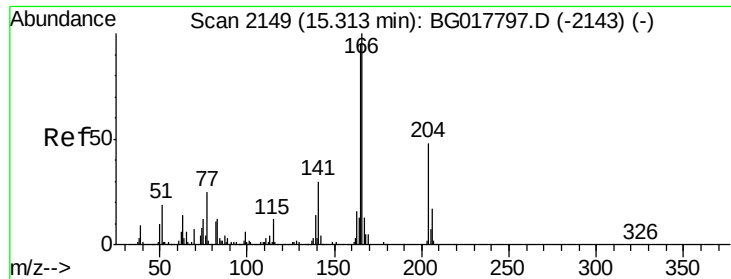
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#53
Dibenzofuran
Concen: 1.45 ng/ul
RT: 14.66 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG017795.D
Acq: 7 Jul 2015 14:22

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.8	32.7	49.1





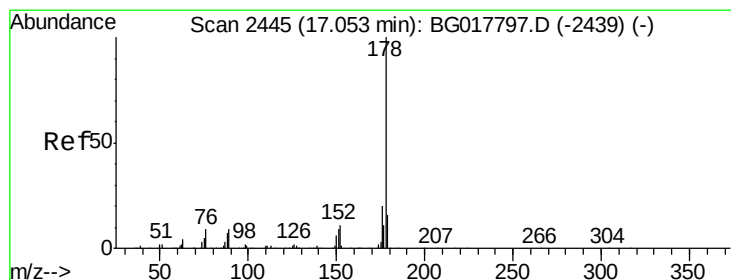
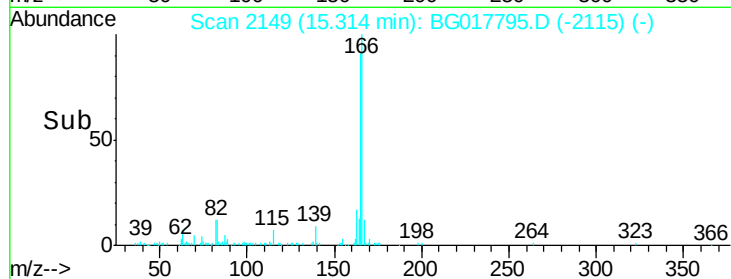
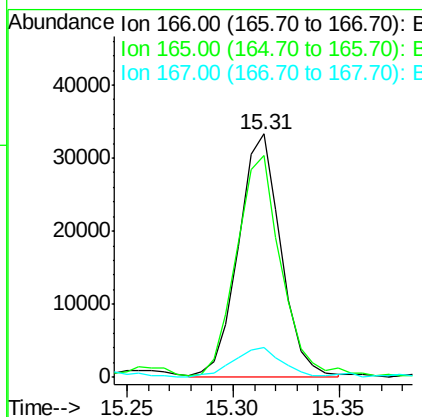
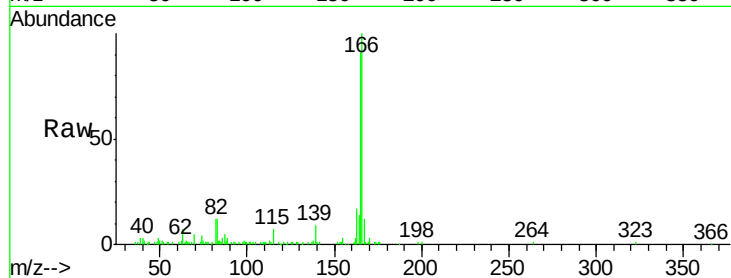
#58
 Fluorene
 Concen: 2.07 ng/ul
 RT: 15.31 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG017795.D
 Acq: 7 Jul 2015 14:22

Instrument :
 BNA_G
 ClientSampleId :
 G93H9DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	45929		
165	91.1	75.7	113.5	
167	12.3	10.1	15.1	

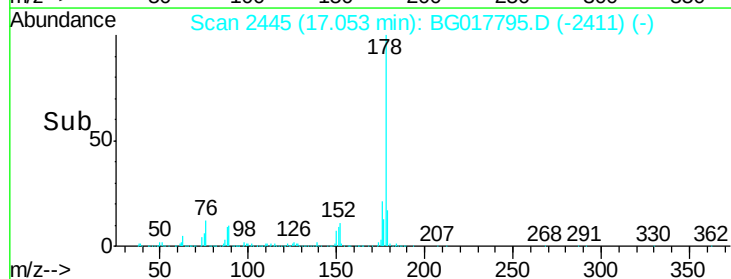
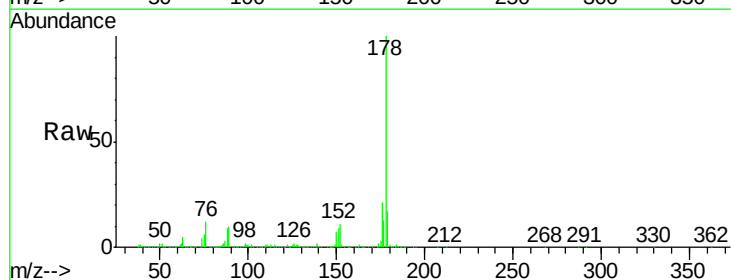
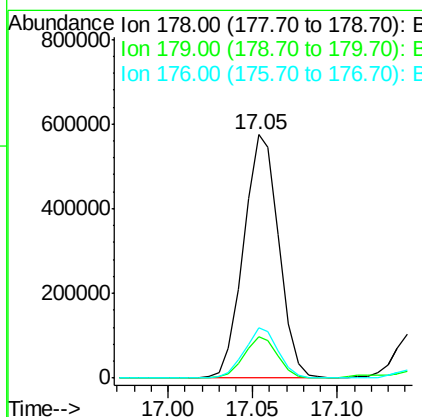
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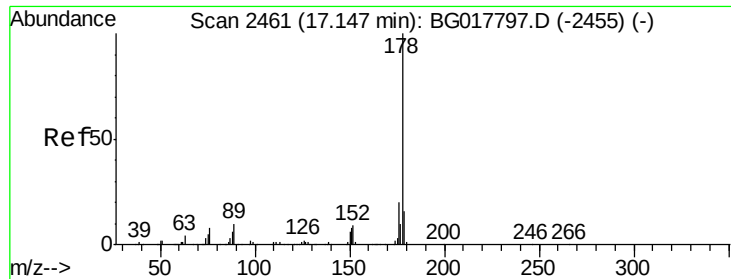
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#69
 Phenanthrene
 Concen: 26.96 ng/ul
 RT: 17.05 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG017795.D
 Acq: 7 Jul 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	828712		
179	17.0	13.0	19.4	
176	20.6	17.0	25.4	





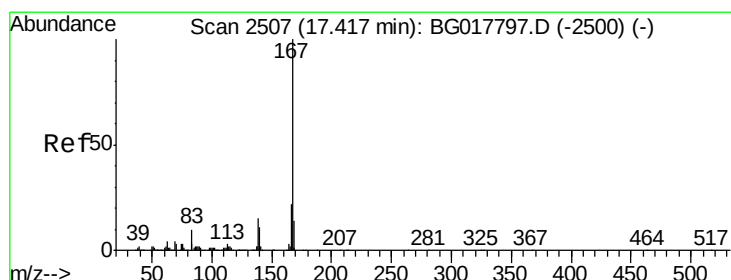
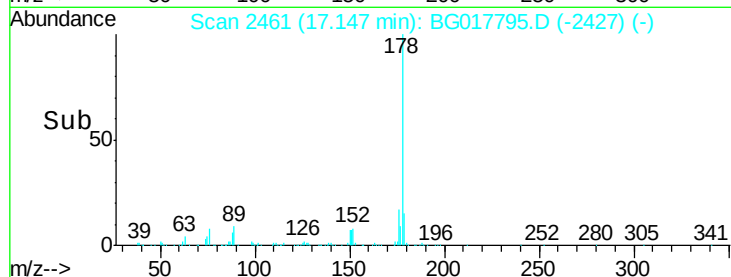
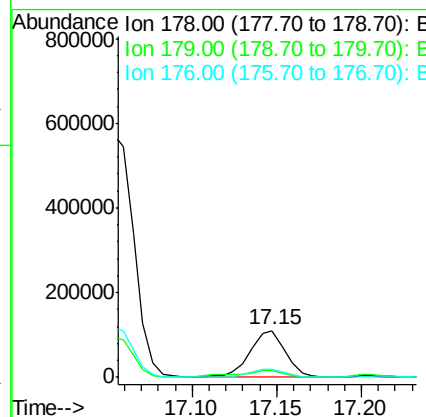
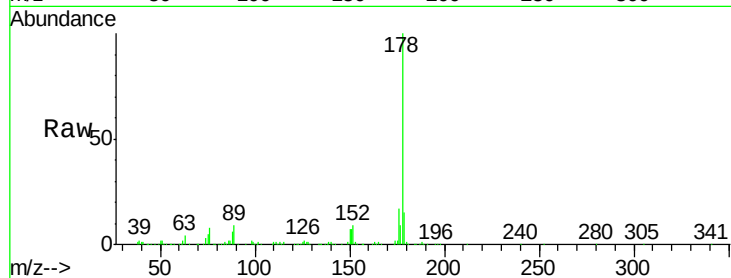
#71
 Anthracene
 Concen: 5.05 ng/ul
 RT: 17.15 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BG017795.D
 Acq: 7 Jul 2015 14:22

Instrument :
 BNA_G
 ClientSampleId :
 G93H9DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	17.0	15.3	22.9

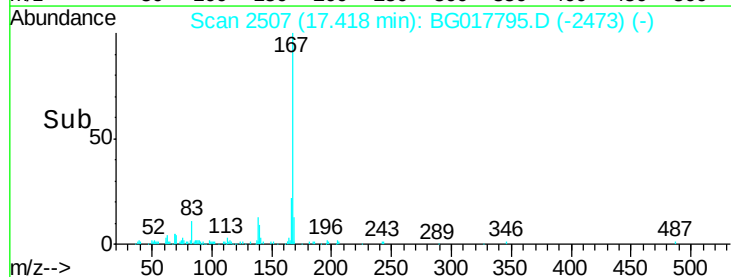
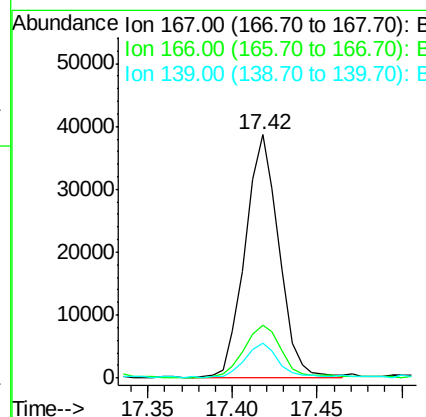
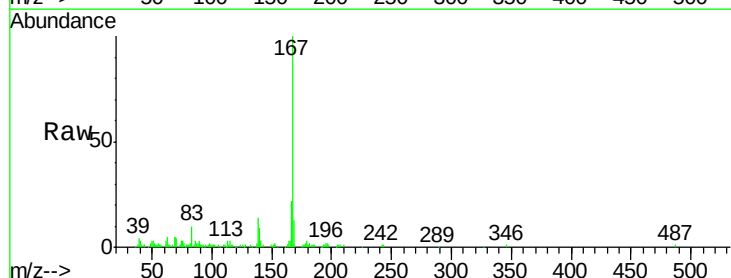
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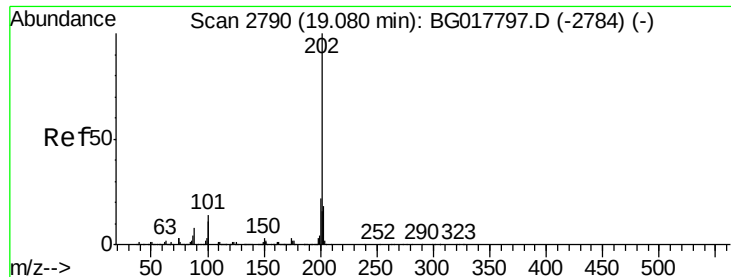
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#74
 Carbazole
 Concen: 2.06 ng/ul
 RT: 17.42 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG017795.D
 Acq: 7 Jul 2015 14:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.0	27.0
139	14.2	11.4	17.0





#76

Fluoranthene

Concen: 41.39 ng/ul

RT: 19.09 min Scan# 2791

Delta R.T. 0.01 min

Lab File: BG017795.D

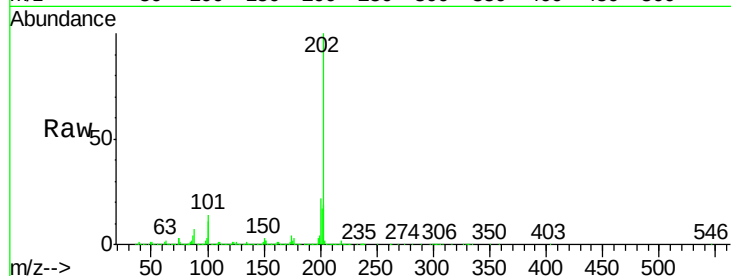
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Instrument :

BNA_G

ClientSampleId :

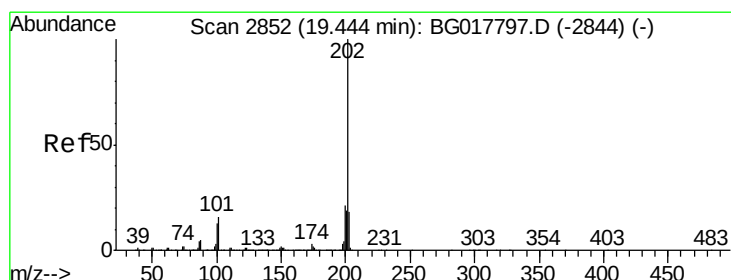
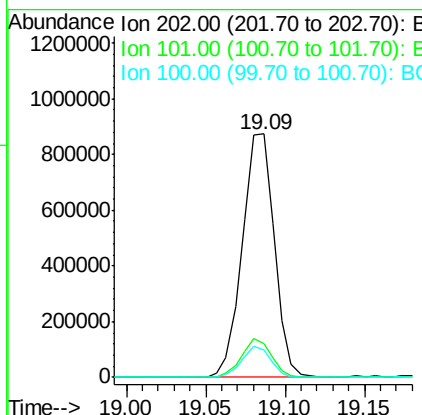
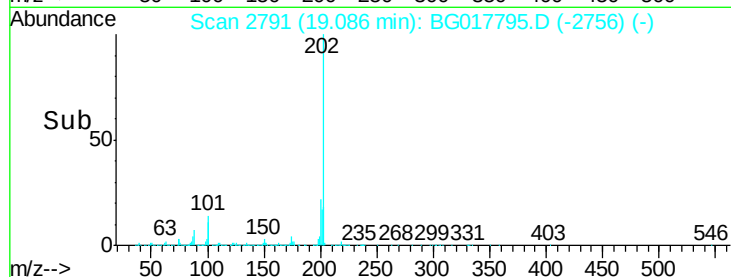
G93H9DL



Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	12.6	18.8
100	11.3	9.1	13.7

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#79

Pyrene

Concen: 34.76 ng/ul

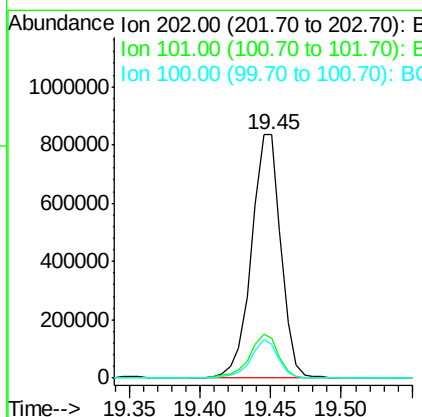
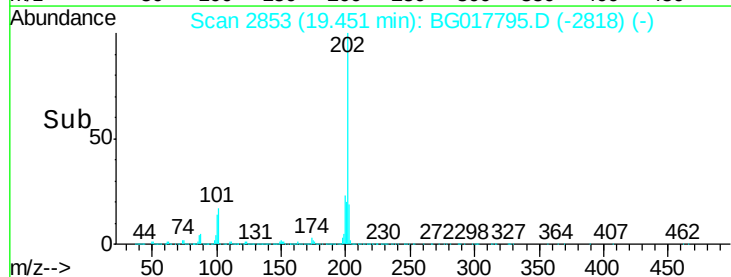
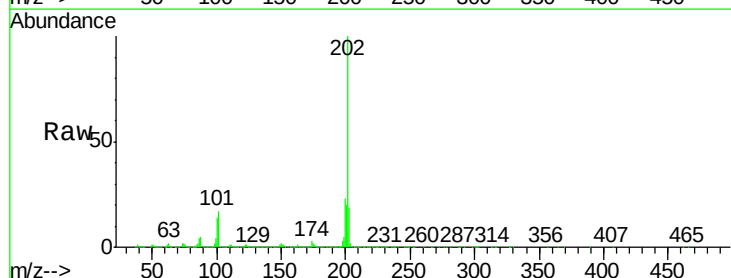
RT: 19.45 min Scan# 2853

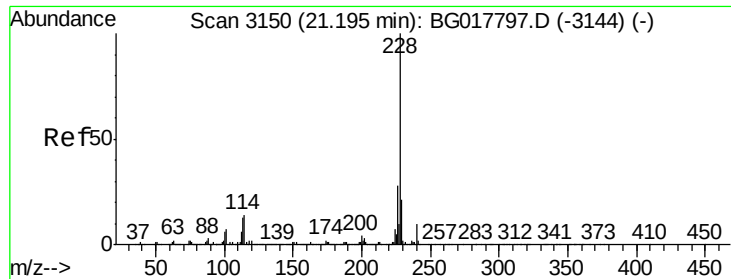
Delta R.T. 0.01 min

Lab File: BG017795.D

Acq: 7 Jul 2015 14:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.7	13.1	19.7
100	13.6	11.3	16.9





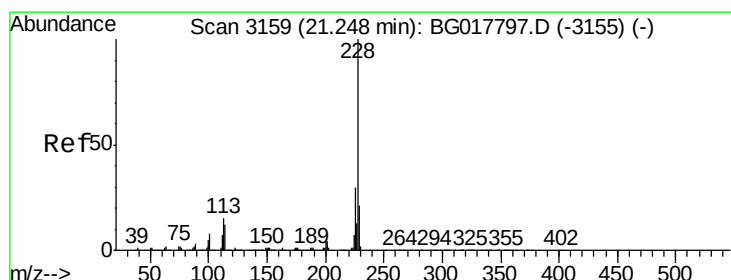
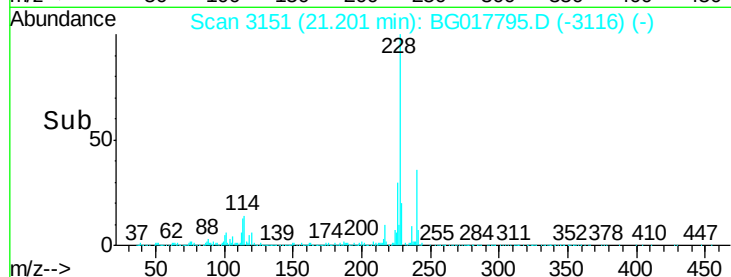
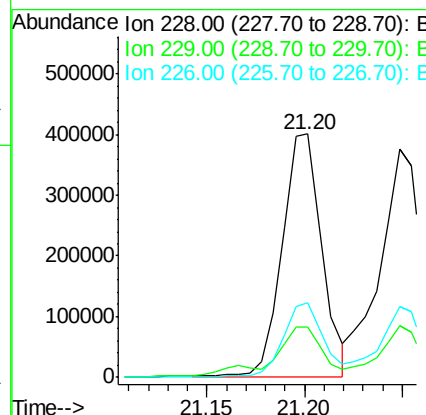
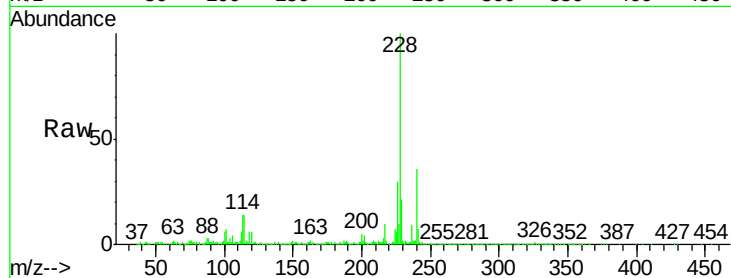
#82
Benzo(a)anthracene
Concen: 17.66 ng/ul
RT: 21.20 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BG017795.D
Acq: 7 Jul 2015 14:22

Instrument :
BNA_G
ClientSampled :
G93H9DL

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	560758		
229	20.9	15.8	23.8	
226	30.4	22.2	33.2	

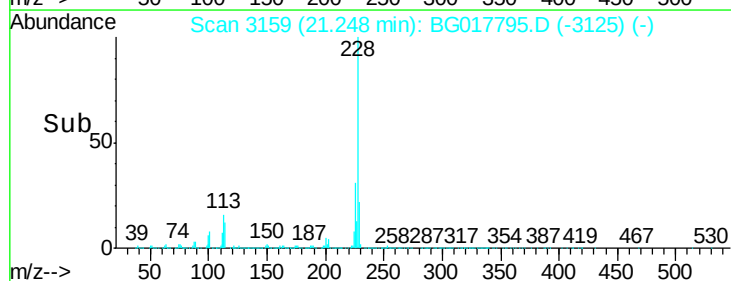
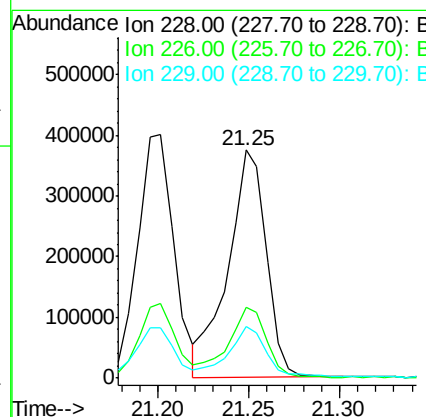
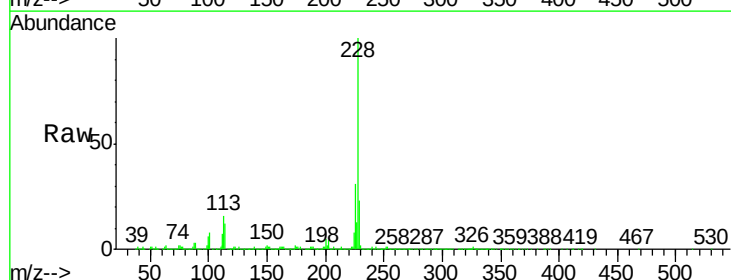
Manual Integrations
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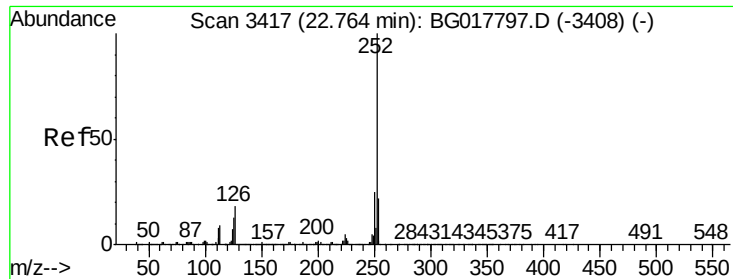
apatel
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#84
Chrysene
Concen: 18.25 ng/ul
RT: 21.25 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG017795.D
Acq: 7 Jul 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	548645		
226	31.0	25.6	38.4	
229	22.6	16.4	24.6	





#87

Benzo(b)fluoranthene

Concen: 18.95 ng/ul

RT: 22.78 min Scan# 3419

Delta R.T. 0.01 min

Lab File: BG017795.D

Acq: 7 Jul 2015 14:22

Instrument :

BNA_G

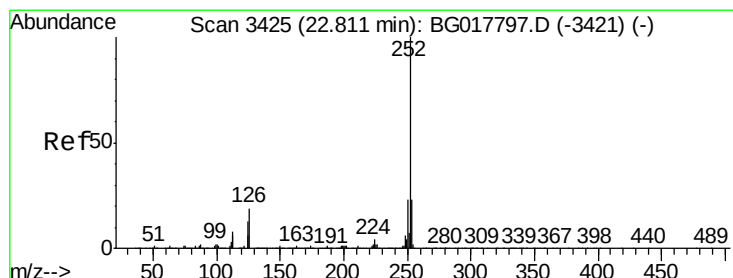
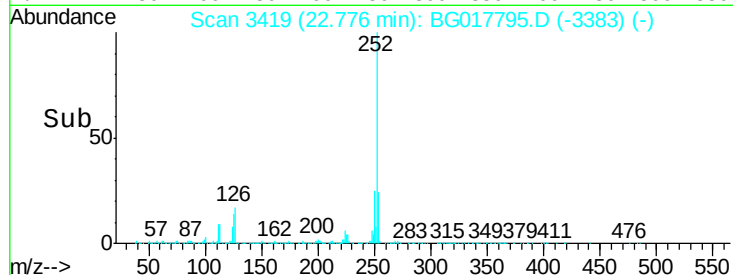
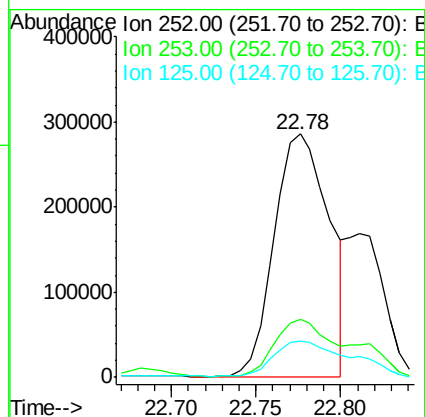
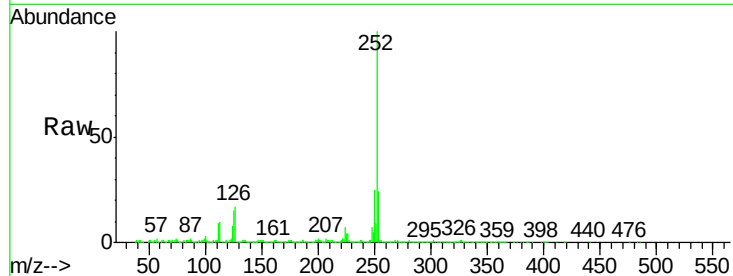
ClientSampleId :

G93H9DL

Tgt Ion:	252	Resp:	643992
Ion Ratio	Lower	Upper	
252	100		
253	23.8	16.8	25.2
125	14.8	10.4	15.6

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#88

Benzo(k)fluoranthene

Concen: 8.09 ng/ul m

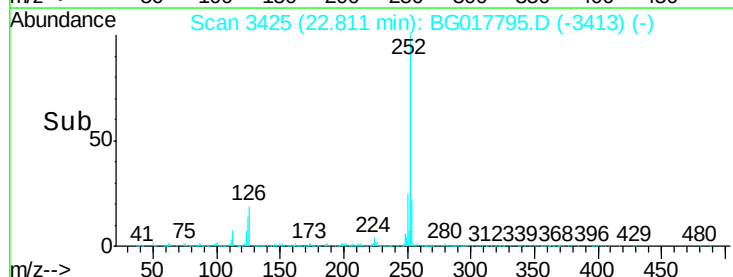
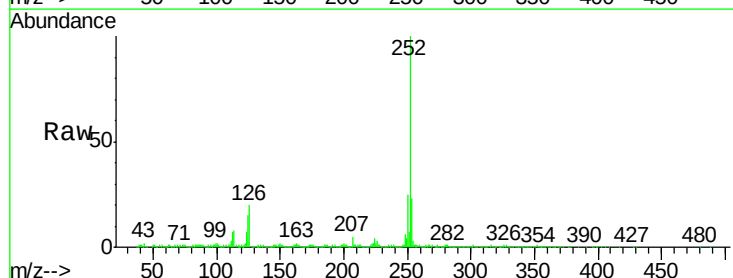
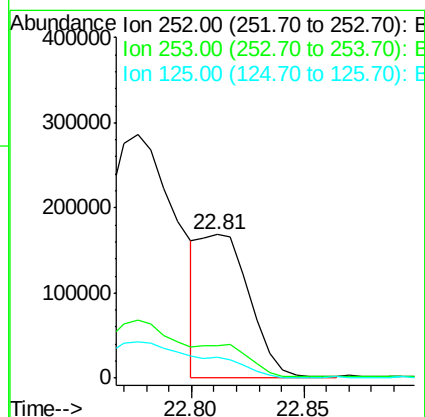
RT: 22.81 min Scan# 3425

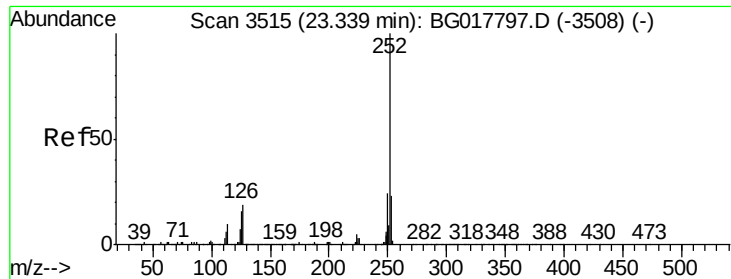
Delta R.T. 0.00 min

Lab File: BG017795.D

Acq: 7 Jul 2015 14:22

Tgt Ion:	252	Resp:	259238
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	14.7	11.6	17.4





#90

Benzo(a)pyrene

Concen: 14.79 ng/ul

RT: 23.35 min Scan# 3516

Delta R.T. 0.01 min

Lab File: BG017795.D

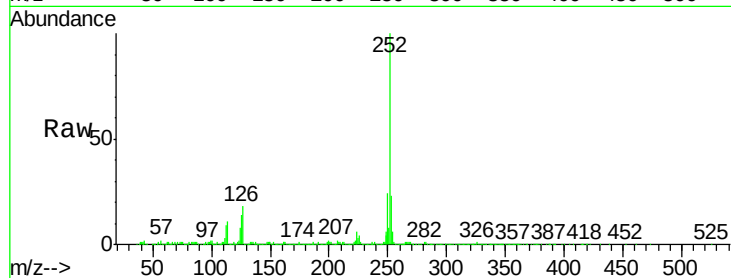
Acq: 7 Jul 2015 14:22

Instrument :

BNA_G

ClientSampleId :

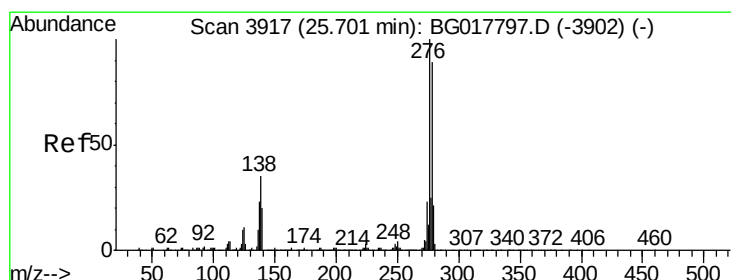
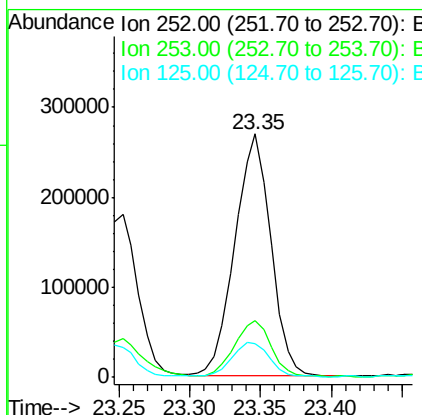
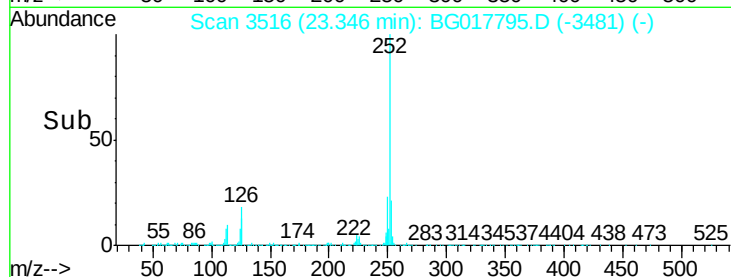
G93H9DL



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	477757		
253	23.4	18.3	27.5	
125	13.9	12.1	18.1	

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#91

Indeno(1,2,3-cd)pyrene

Concen: 8.61 ng/ul

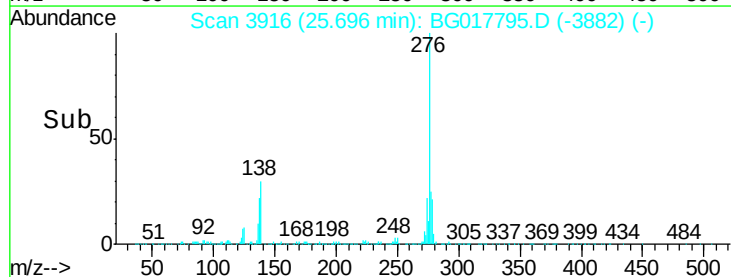
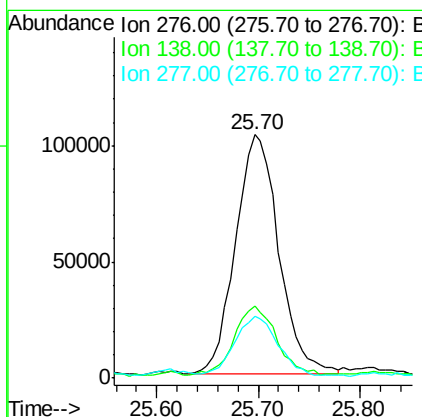
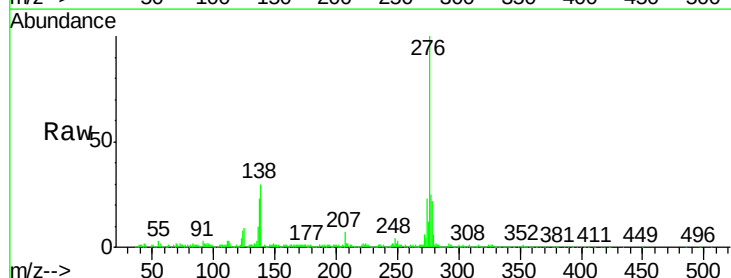
RT: 25.70 min Scan# 3916

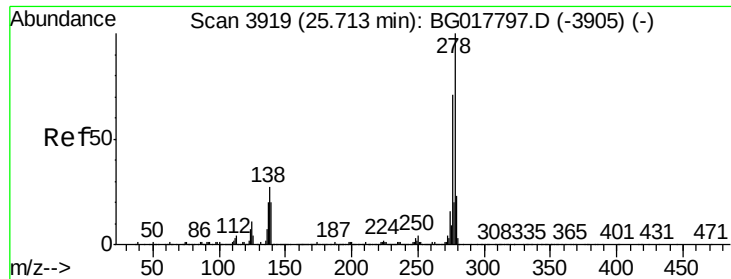
Delta R.T. 0.00 min

Lab File: BG017795.D

Acq: 7 Jul 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	303472		
138	29.6	26.1	39.1	
277	25.5	20.9	31.3	





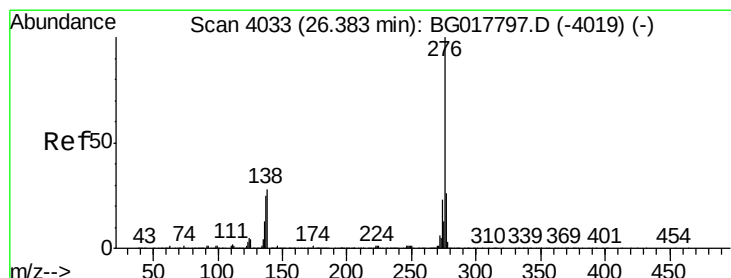
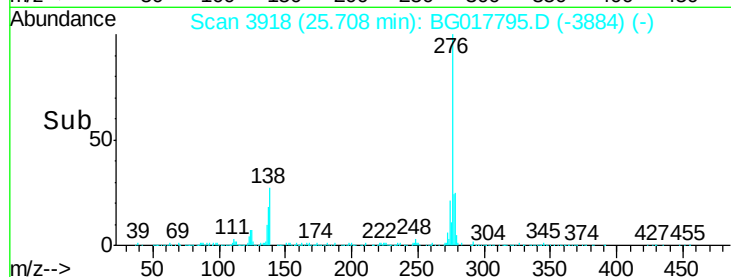
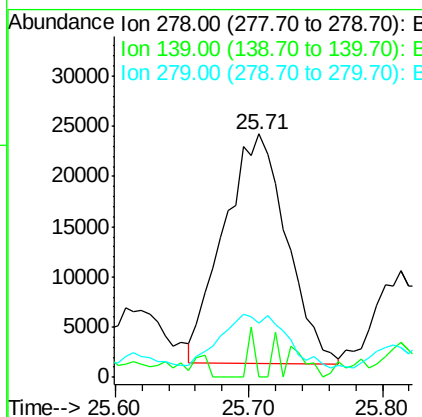
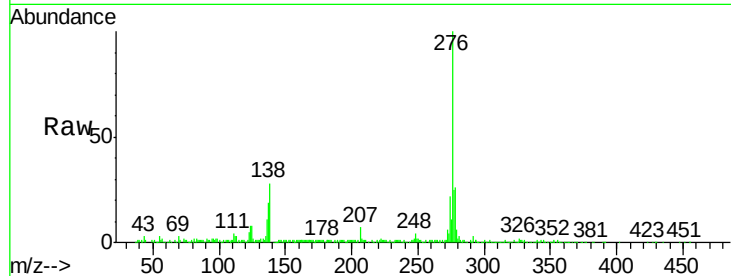
#92
Dibenzo(a,h)anthracene
Concen: 2.51 ng/ul
RT: 25.71 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BG017795.D
Acq: 7 Jul 2015 14:22

Instrument :
BNA_G
ClientSampleId :
G93H9DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.3	24.5#
279	22.3	18.7	28.1

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#93
Benzo(g,h,i)perylene
Concen: 4.77 ng/ul
RT: 26.39 min Scan# 4034
Delta R.T. 0.01 min
Lab File: BG017795.D
Acq: 7 Jul 2015 14:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.1	37.7#
277	21.5	18.7	28.1

