

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
 Data File : BG020512.D
 Acq On : 25 Dec 2015 20:26
 Operator : UM/SJ
 Sample : G4847-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N68

Manual Integrations
 APPROVED

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Quant Time: Dec 26 02:53:28 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 26 02:12:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	16123	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	71308	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	51208	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	135986m	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	173745	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	163702	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	421	1.44	ng/uL	0.00
5) Phenol-d5	7.24	99	10617	8.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	28989	37.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	29470	29.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	20636	18.96	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	20534	36.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	23190	36.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	40765	33.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	333	0.24	ng/ul	0.01
44) Dimethylphthalate-d6	14.11	166	158663	37.59	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	180721	36.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	4024m	5.72	ng/ul	0.00
58) Fluorene-d10	15.70	176	142671	37.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	26586	29.50	ng/ul	0.00
71) Anthracene-d10	17.55	188	238809	37.49	ng/ul	0.00
79) Pyrene-d10	19.84	212	288585	38.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	317582	38.37	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.96	128	1417508	373.95	ng/ul#	95
34) 2-Methylnaphthalene	12.54	142	172645	61.55	ng/ul	96
41) 1,1'-Biphenyl	13.54	154	45170	11.43	ng/ul	96
48) Acenaphthylene	14.44	152	14804	2.88	ng/ul	96
50) Acenaphthene	14.77	153	161095	46.36	ng/ul	99
54) Dibenzofuran	15.11	168	123611	23.91	ng/ul	99
59) Fluorene	15.75	166	98024	23.40	ng/ul	98
70) Phenanthrene	17.50	178	180898m	23.91	ng/ul	
75) Carbazole	17.86	167	14581	2.24	ng/ul	97
77) Fluoranthene	19.50	202	12864m	1.35	ng/ul	

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

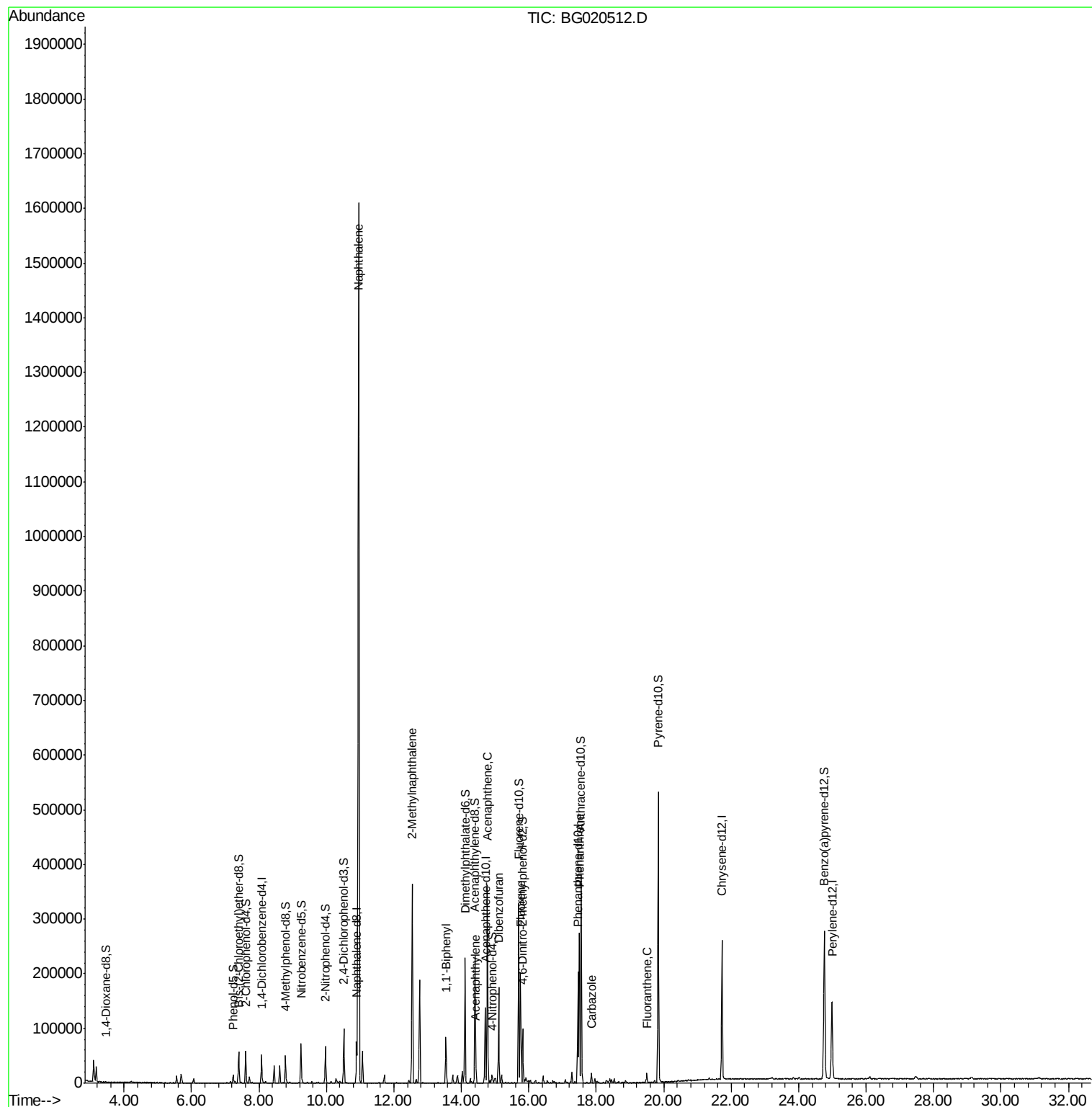
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
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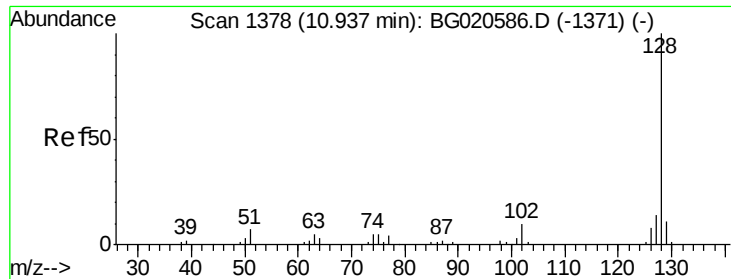
Instrument :
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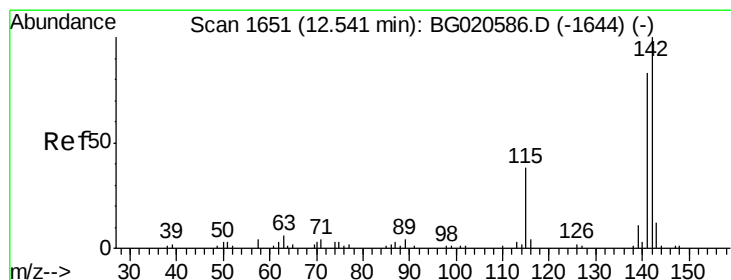
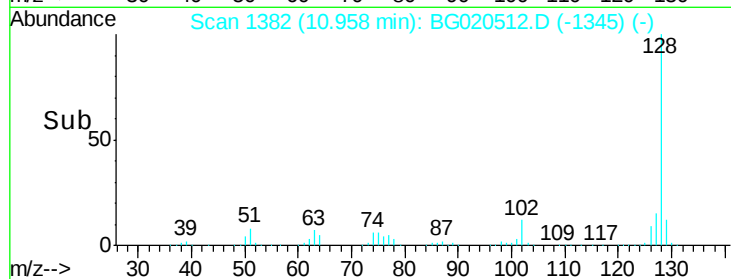
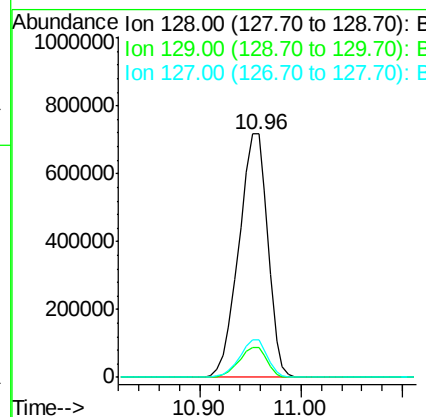
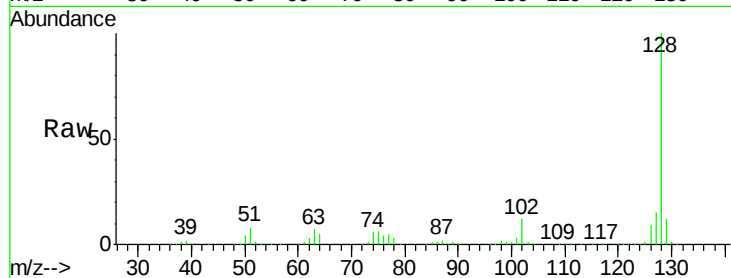
#28
Naphthalene
Concen: 373.95 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. 0.02 min
Lab File: BG020512.D
Acq: 25 Dec 2015 20:26

Instrument :
BNA_G
ClientSampleId :
D9N68

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.6	12.8
127	15.2	10.1	15.1

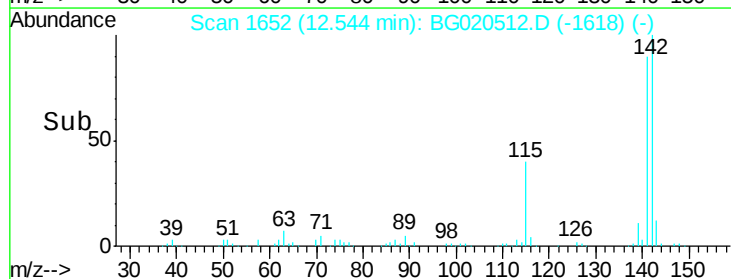
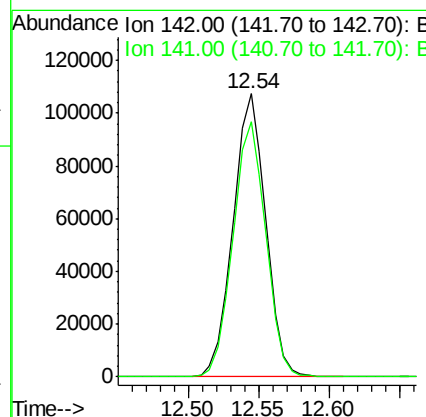
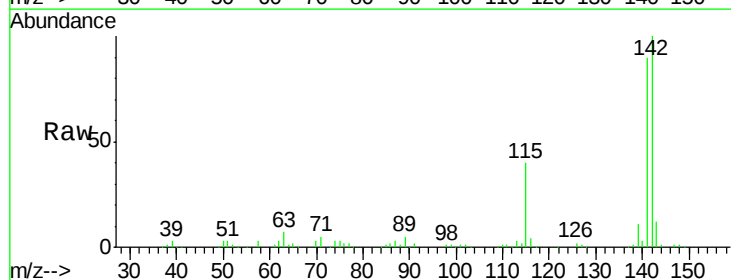
Manual Integrations
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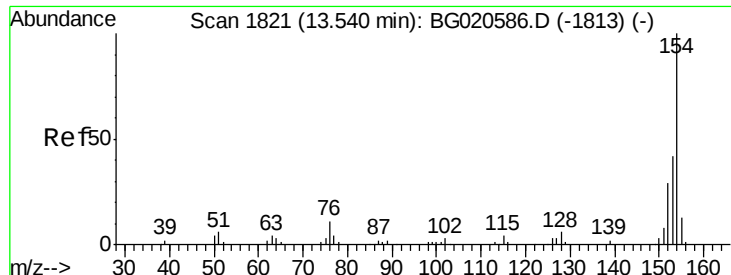
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#34
2-Methylnaphthalene
Concen: 61.55 ng/ul
RT: 12.54 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG020512.D
Acq: 25 Dec 2015 20:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	74.9	112.3





#41

1,1'-Biphenyl

Concen: 11.43 ng/ul

RT: 13.54 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BG020512.D

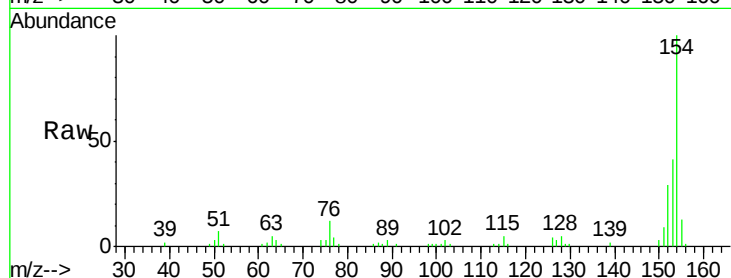
Acq: 25 Dec 2015 20:26

Instrument :

BNA_G

ClientSampleId :

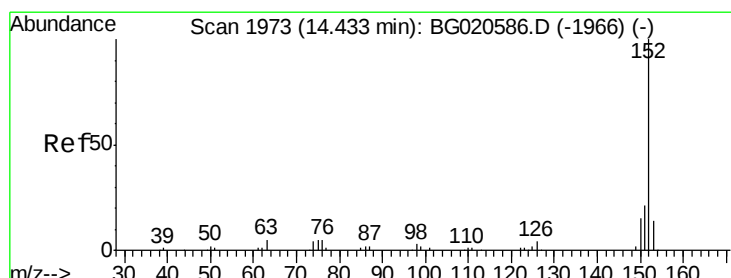
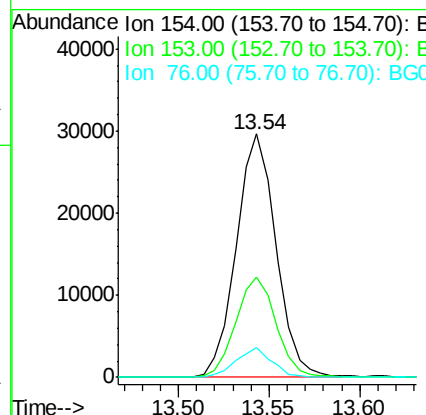
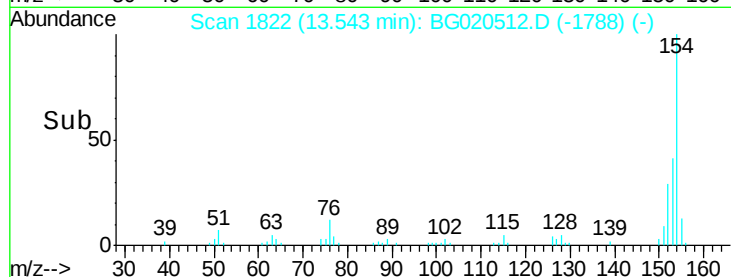
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Tot Ion:	154	Resp:	45170
Ion Ratio	Lower	Upper	
154	100		
153	41.2	35.5	53.3
76	12.2	10.4	15.6

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#48

Acenaphthylene

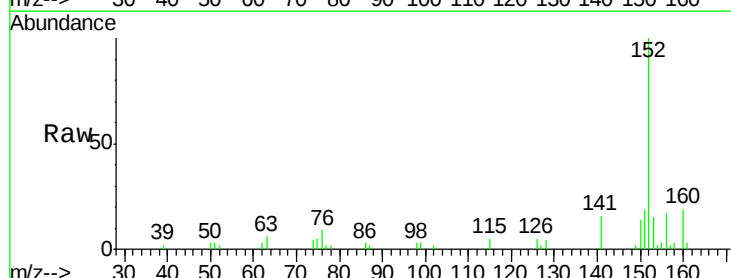
Concen: 2.88 ng/ul

RT: 14.44 min Scan# 1974

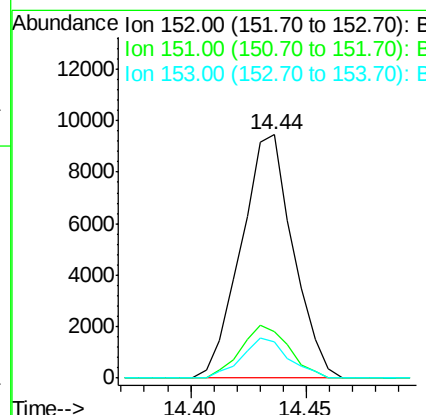
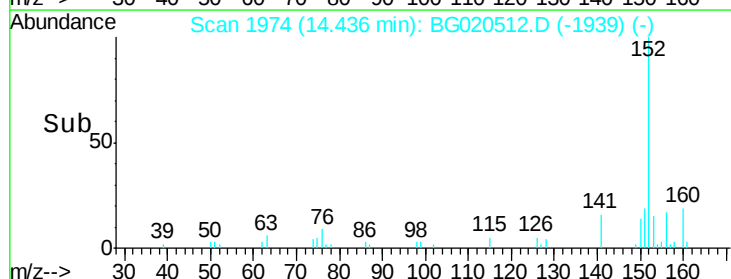
Delta R.T. 0.01 min

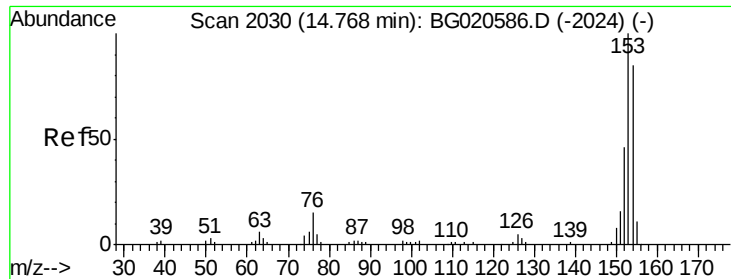
Lab File: BG020512.D

Acq: 25 Dec 2015 20:26



Tgt Ion:	152	Resp:	14804
Ion Ratio	Lower	Upper	
152	100		
151	19.0	16.4	24.6
153	14.7	10.4	15.6





#50

Acenaphthene

Concen: 46.36 ng/ul

RT: 14.77 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BG020512.D

Acq: 25 Dec 2015 20:26

Instrument :

BNA_G

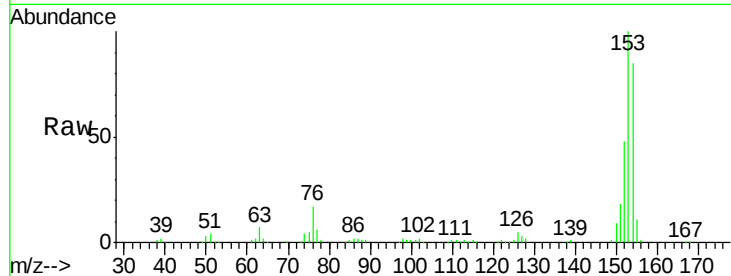
ClientSampleId :

D9N68

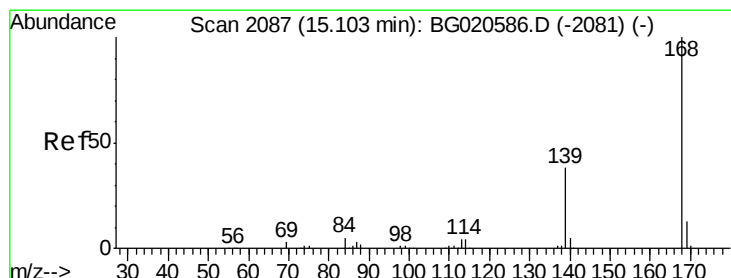
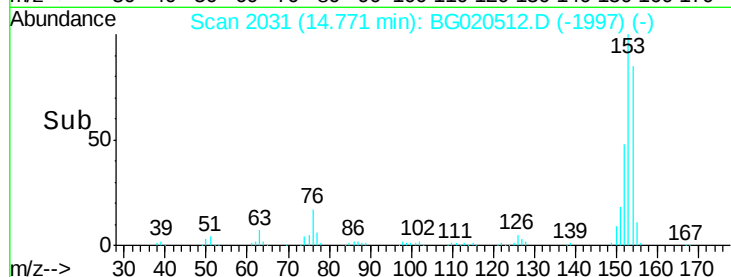
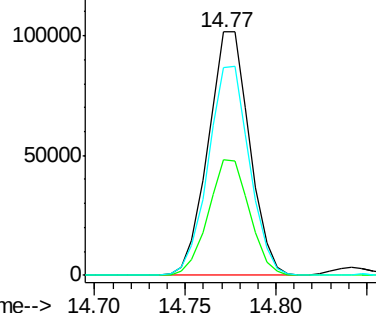
Tot Ion:	153	Resp:	161095
Ion Ratio	Lower	Upper	
153	100		
152	47.6	37.6	56.4
154	85.4	67.9	101.9

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 23.91 ng/ul

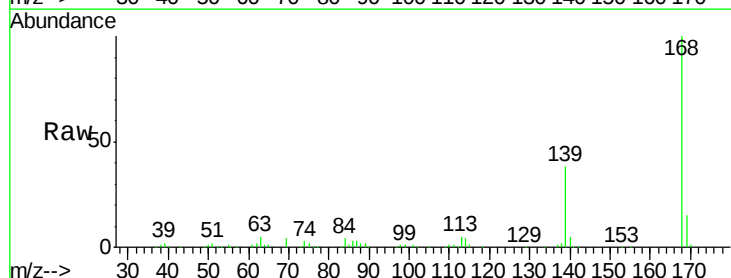
RT: 15.11 min Scan# 2088

Delta R.T. -0.00 min

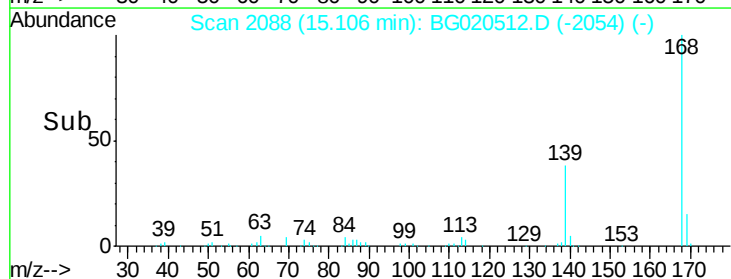
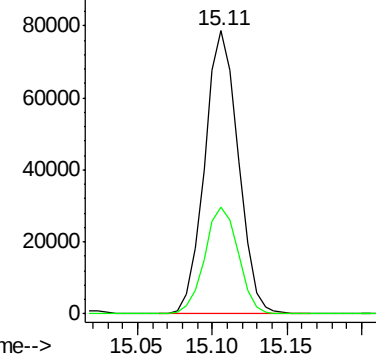
Lab File: BG020512.D

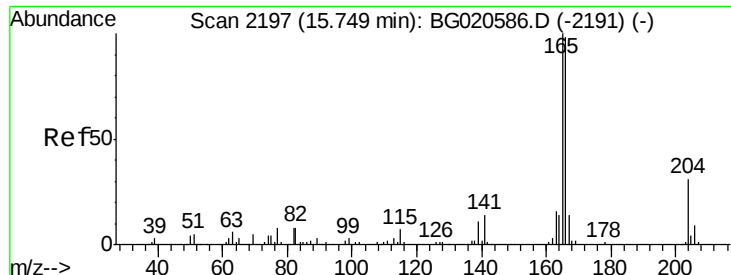
Acq: 25 Dec 2015 20:26

Tgt Ion:	168	Resp:	123611
Ion Ratio	Lower	Upper	
168	100		
139	37.7	30.5	45.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





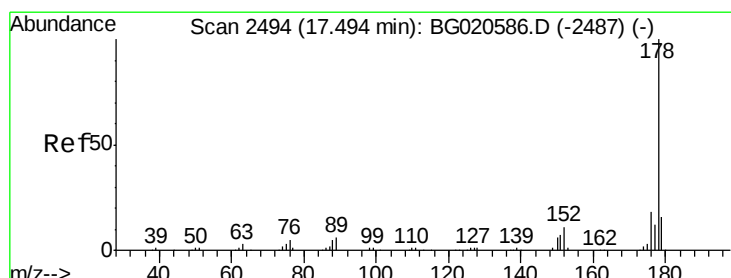
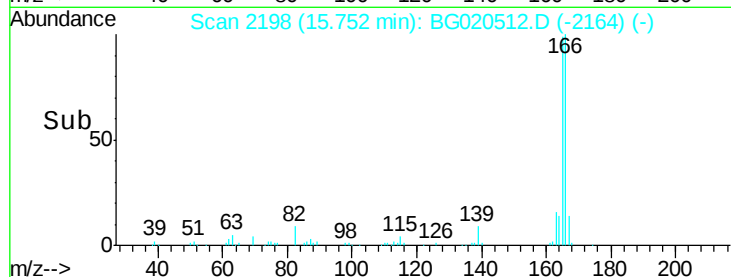
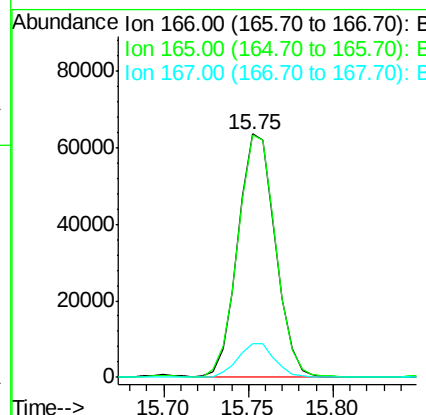
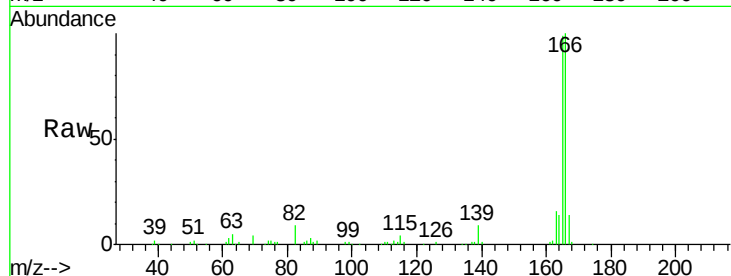
#59
 Fluorene
 Concen: 23.40 ng/ul
 RT: 15.75 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BG020512.D
 Acq: 25 Dec 2015 20:26

Instrument :
 BNA_G
 ClientSampleId :
 D9N68

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.4	122.0
167	13.8	11.2	16.8

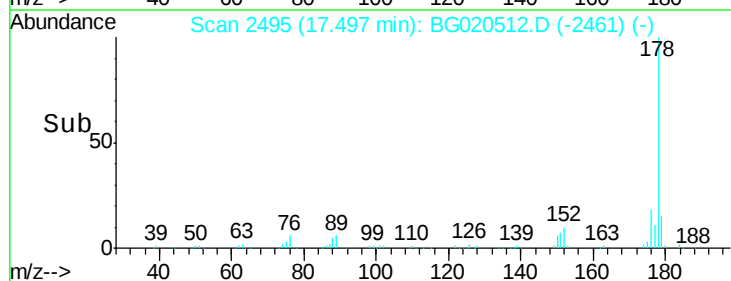
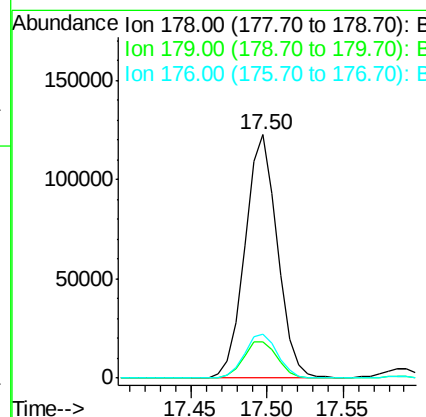
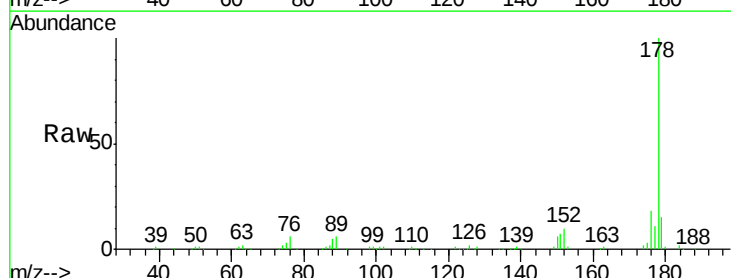
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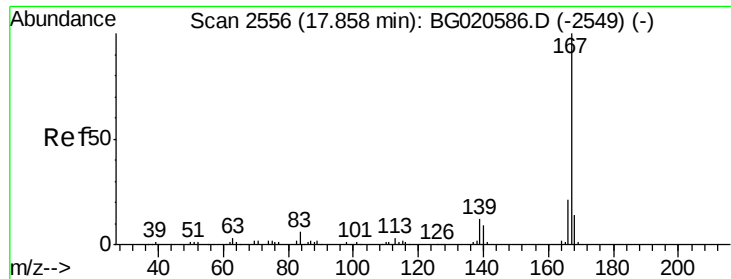
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#70
 Phenanthrene
 Concen: 23.91 ng/ul m
 RT: 17.50 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BG020512.D
 Acq: 25 Dec 2015 20:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.9	19.3
176	18.3	15.3	22.9





#75

Carbazole

Concen: 2.24 ng/ul

RT: 17.86 min Scan# 2557

Delta R.T. 0.01 min

Lab File: BG020512.D

Acq: 25 Dec 2015 20:26

Instrument :

BNA_G

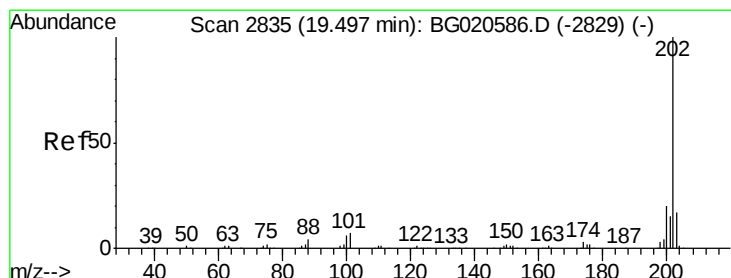
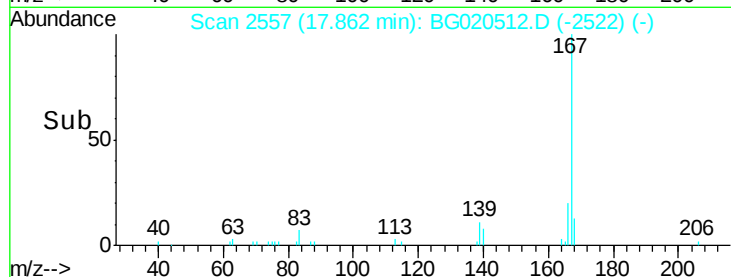
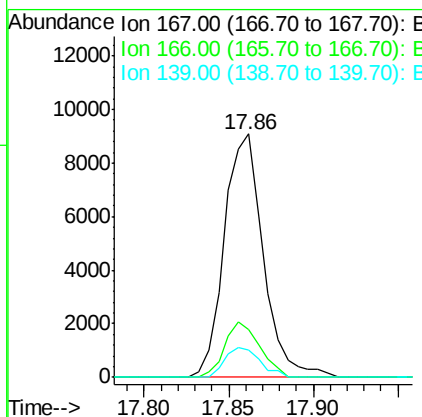
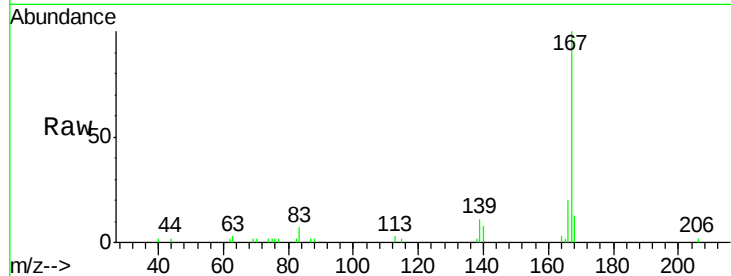
ClientSampleId :

D9N68

Tot Ion:	167	Resp:	14581
Ion Ratio	Lower	Upper	
167	100		
166	19.7	17.0	25.6
139	11.4	10.1	15.1

Manual Integrations
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#77

Fluoranthene

Concen: 1.35 ng/ul m

RT: 19.50 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG020512.D

Acq: 25 Dec 2015 20:26

Tgt Ion:	202	Resp:	12864
Ion Ratio	Lower	Upper	
202	100		
101	6.8	6.2	9.4
100	4.9	5.1	7.7#

