

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
 Data File : BG020552.D
 Acq On : 27 Dec 2015 12:39
 Operator : UM/SJ
 Sample : G4846-16
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N62

Manual Integrations
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Quant Time: Dec 28 03:28:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 28 02:38:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	16781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	72593	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	51981	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	143299	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	185099	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	168371	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.45	96	419	1.38	ng/uL	0.00
5) Phenol-d5	7.24	99	11391	8.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	27645	34.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	31095	30.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	21691	19.14	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	20024	35.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	23130	35.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	39981	31.93	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	150767	35.19	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	173573	34.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	5118	7.17	ng/ul	0.00
58) Fluorene-d10	15.70	176	140671	36.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	24947	26.27	ng/ul	0.00
71) Anthracene-d10	17.56	188	237125	35.33	ng/ul	0.00
79) Pyrene-d10	19.84	212	293826	36.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	324380	38.11	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.96	128	1505891	390.23	ng/ul#	94
34) 2-Methylnaphthalene	12.55	142	290900	101.88	ng/ul	99
41) 1,1'-Biphenyl	13.55	154	96513	24.06	ng/ul	95
48) Acenaphthylene	14.44	152	46114	8.84	ng/ul	97
50) Acenaphthene	14.78	153	457831	129.79	ng/ul	98
54) Dibenzofuran	15.11	168	394265	75.13	ng/ul	98
59) Fluorene	15.76	166	322998	75.95	ng/ul	98
70) Phenanthrene	17.51	178	753262	94.47	ng/ul	98
72) Anthracene	17.59	178	41579m	5.10	ng/ul	
75) Carbazole	17.86	167	99540	14.49	ng/ul	99
77) Fluoranthene	19.51	202	144653	14.43	ng/ul	98
80) Pyrene	19.87	202	83488	7.98	ng/ul	98

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

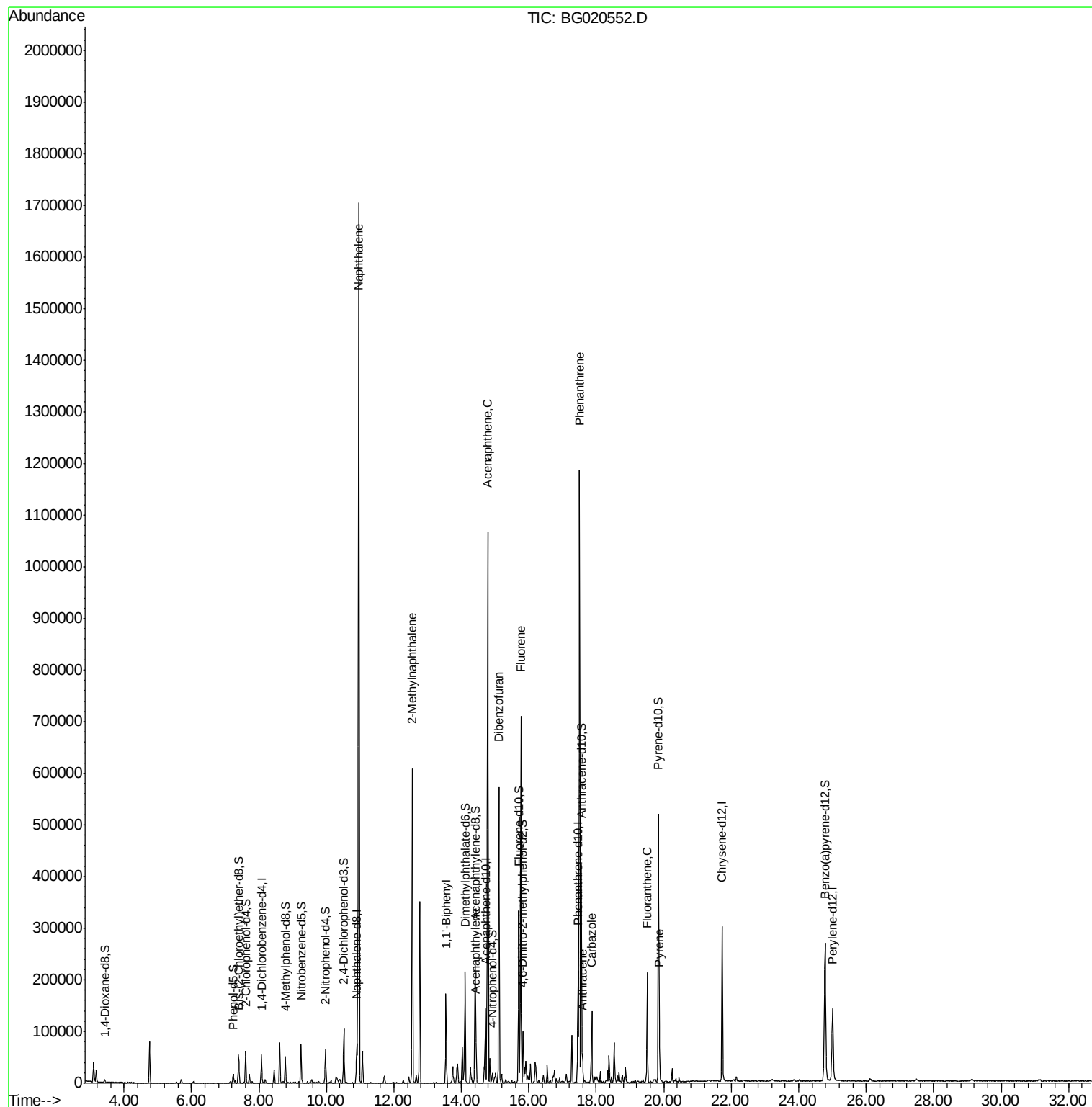
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020552.D
Acq On : 27 Dec 2015 12:39
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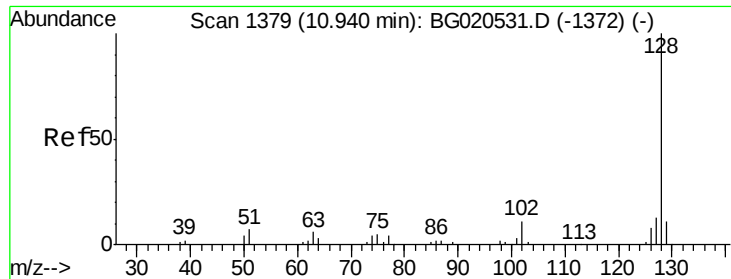
Instrument :
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Quant Title : SVOA CALIBRATION
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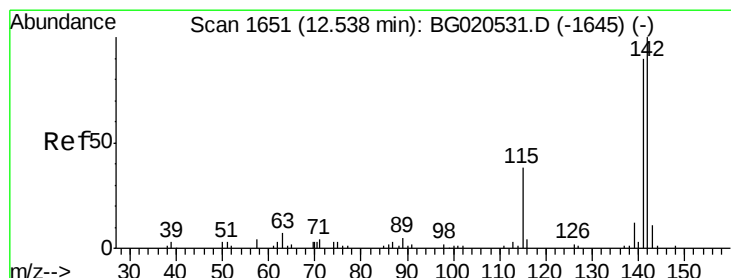
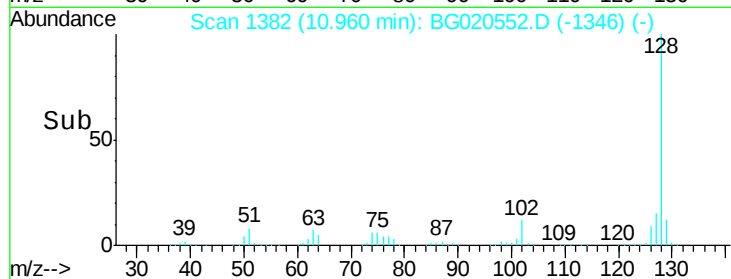
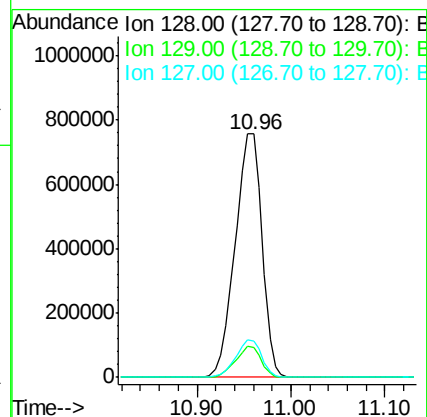
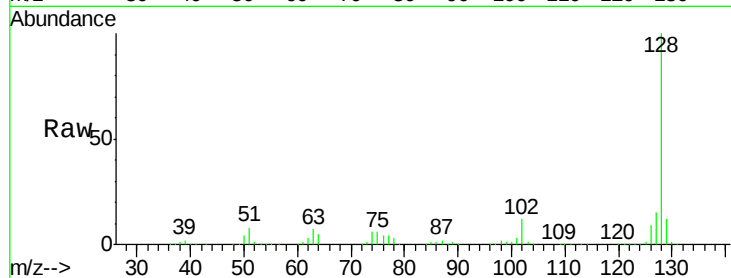
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Naphthalene
Concen: 390.23 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Instrument :
BNA_G
ClientSampled :
D9N62

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.6	12.8
127	15.1	10.1	15.1#

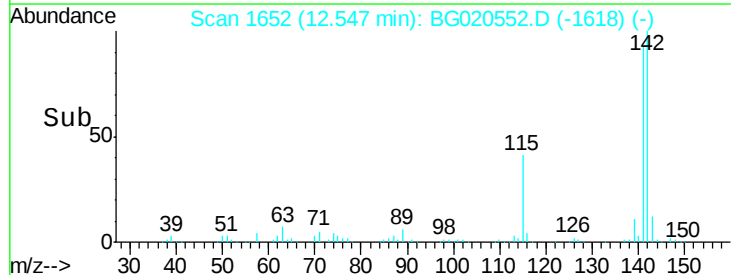
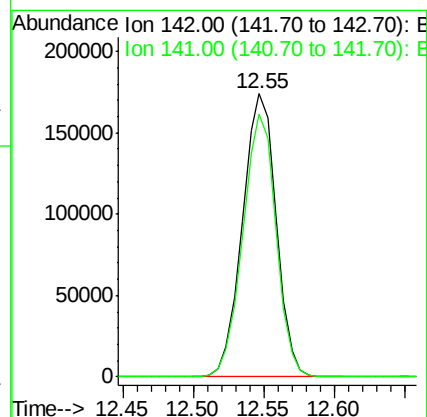
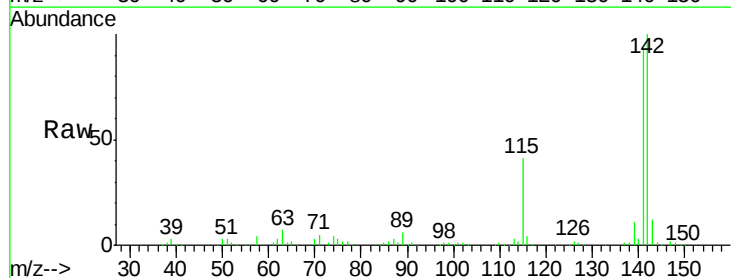
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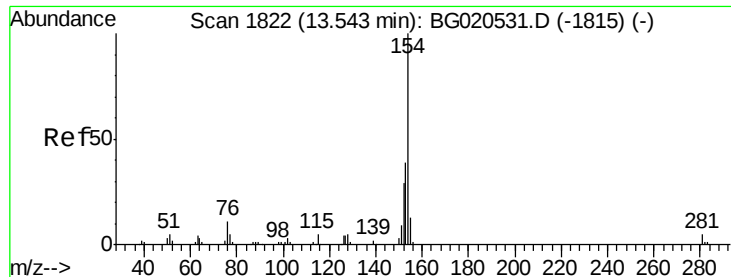
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#34
2-Methylnaphthalene
Concen: 101.88 ng/ul
RT: 12.55 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG020552.D
Acq: 27 Dec 2015 12:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.9	112.3





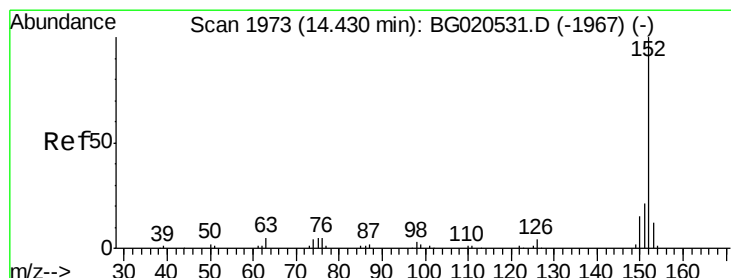
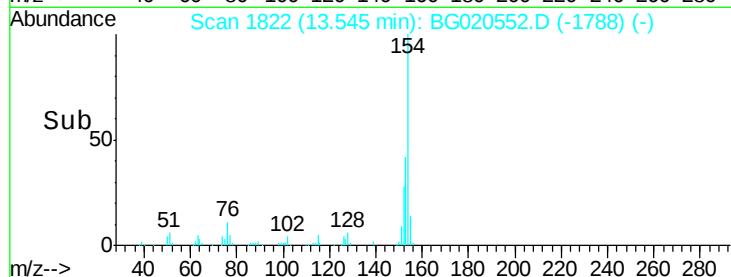
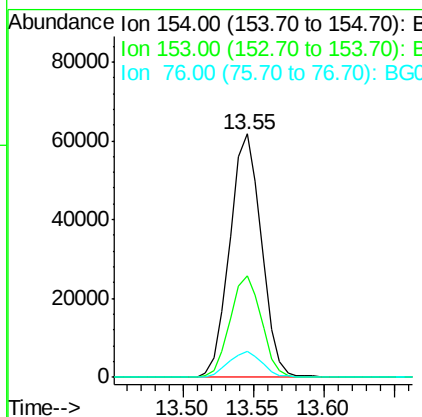
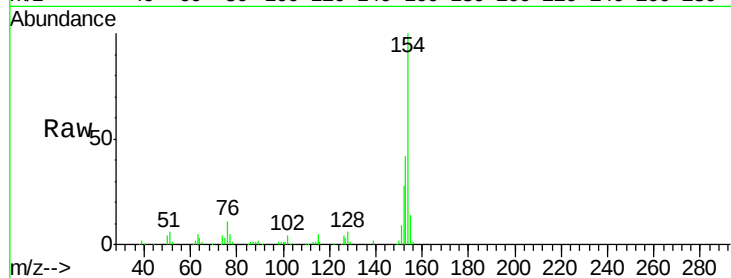
#41
 1,1'-Biphenyl
 Concen: 24.06 ng/ul
 RT: 13.55 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG020552.D
 Acq: 27 Dec 2015 12:39

Instrument :
 BNA_G
 ClientSampleId :
 D9N62

Tgt Ion:	154	Resp:	96513
Ion Ratio	Lower	Upper	
154	100		
153	41.5	35.5	53.3
76	10.7	10.4	15.6

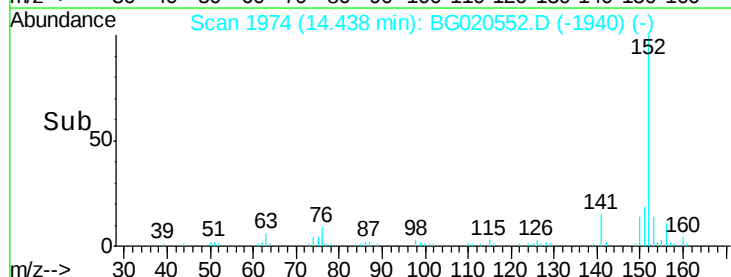
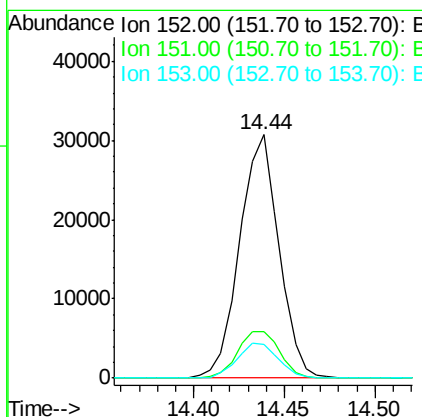
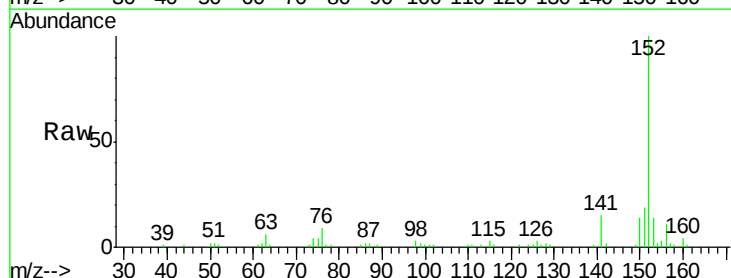
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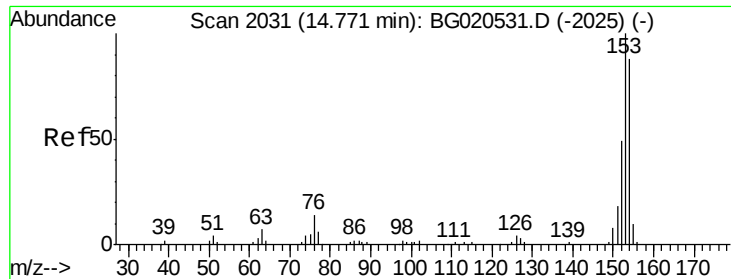
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#48
 Acenaphthylene
 Concen: 8.84 ng/ul
 RT: 14.44 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: BG020552.D
 Acq: 27 Dec 2015 12:39

Tgt Ion:	152	Resp:	46114
Ion Ratio	Lower	Upper	
152	100		
151	19.0	16.4	24.6
153	13.7	10.4	15.6





#50

Acenaphthene

Concen: 129.79 ng/ul

RT: 14.78 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BG020552.D

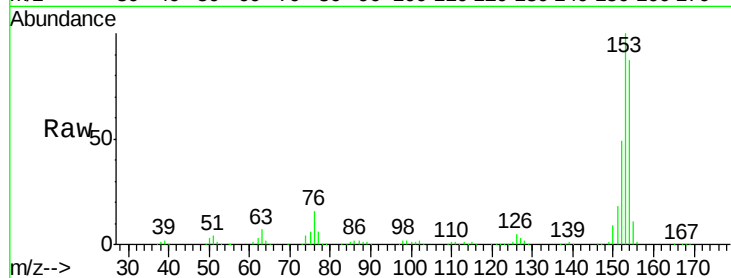
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BNA_G

ClientSampleId :

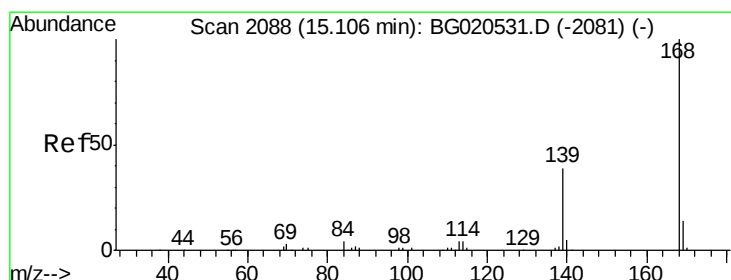
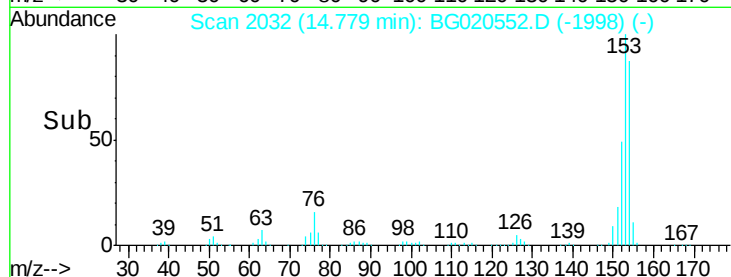
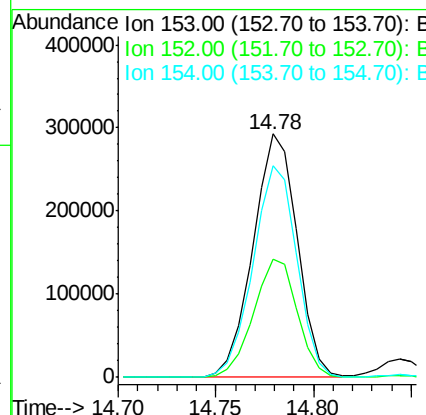
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Tgt Ion:	153	Resp:	457831
Ion Ratio	Lower	Upper	
153	100		
152	48.6	37.6	56.4
154	87.1	67.9	101.9

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#54

Dibenzofuran

Concen: 75.13 ng/ul

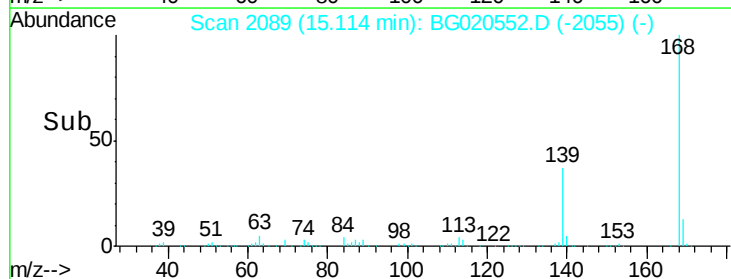
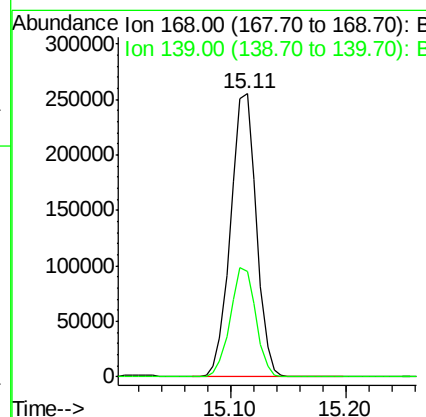
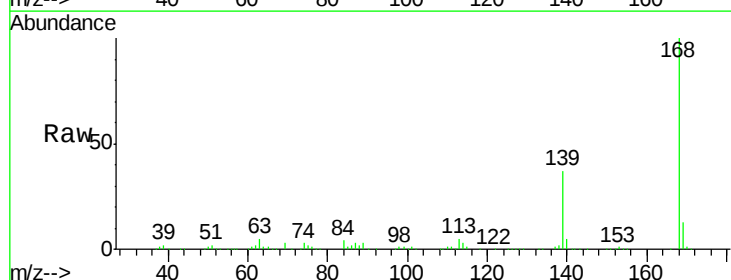
RT: 15.11 min Scan# 2089

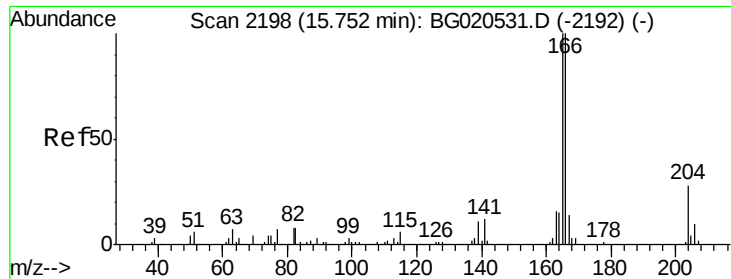
Delta R.T. 0.00 min

Lab File: BG020552.D

Acq: 27 Dec 2015 12:39

Tgt Ion:	168	Resp:	394265
Ion Ratio	Lower	Upper	
168	100		
139	37.1	30.5	45.7





#59

Fluorene

Concen: 75.95 ng/ul

RT: 15.76 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BG020552.D

Acq: 27 Dec 2015 12:39

Instrument :

BNA_G

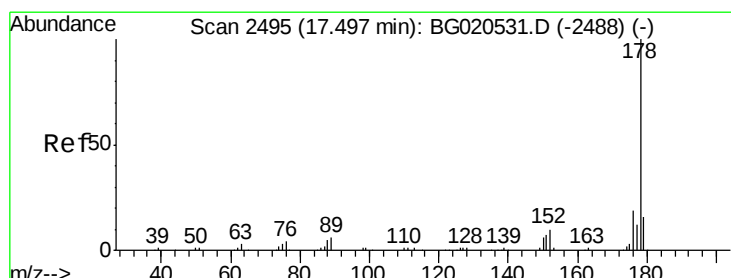
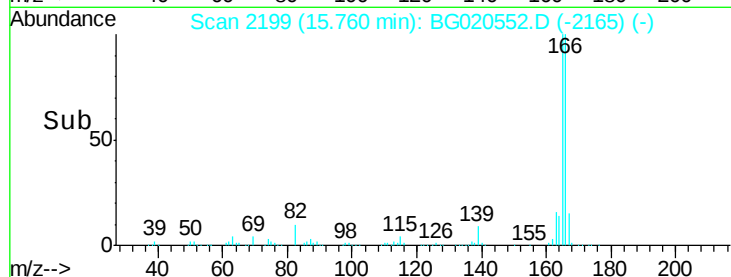
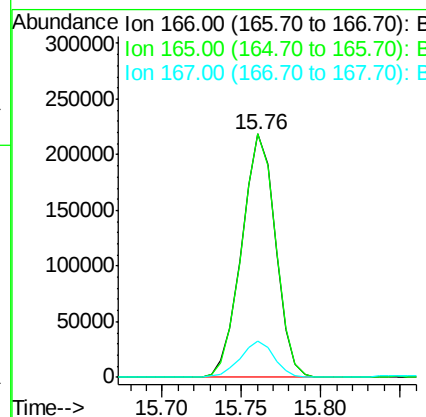
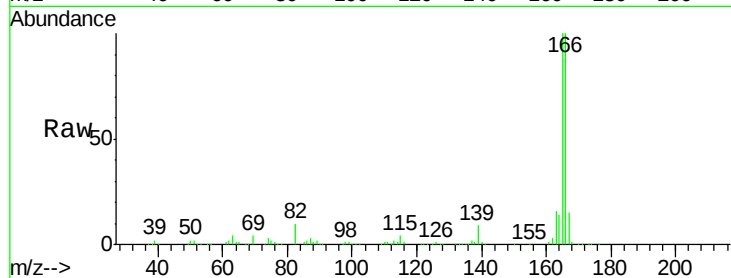
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	322998		
165	100.1	81.4	122.0	
167	14.9	11.2	16.8	

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#70

Phenanthrene

Concen: 94.47 ng/ul

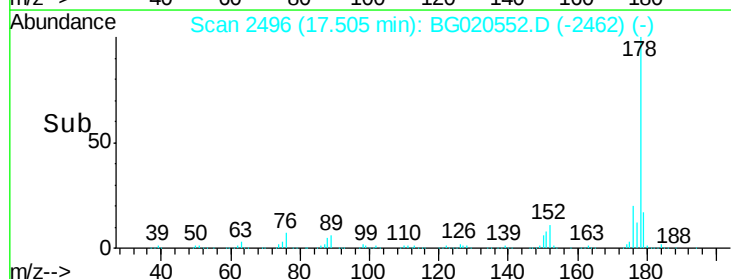
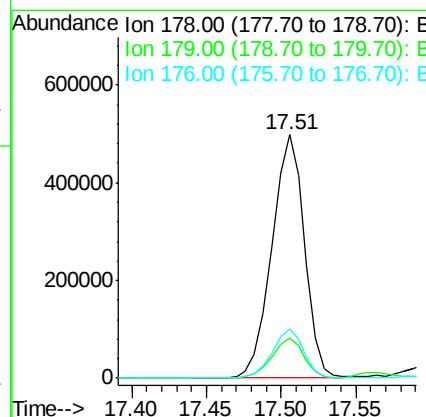
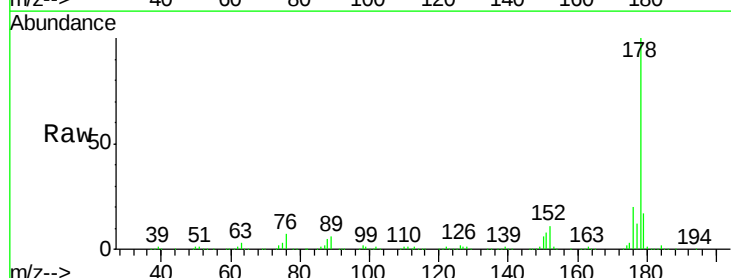
RT: 17.51 min Scan# 2496

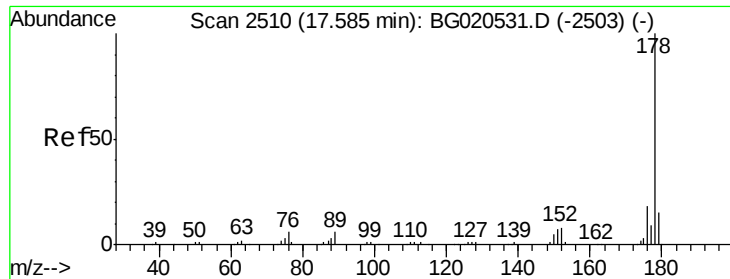
Delta R.T. 0.00 min

Lab File: BG020552.D

Acq: 27 Dec 2015 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	753262		
179	16.6	12.9	19.3	
176	19.9	15.3	22.9	





#72

Anthracene

Concen: 5.10 ng/ul m

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG020552.D

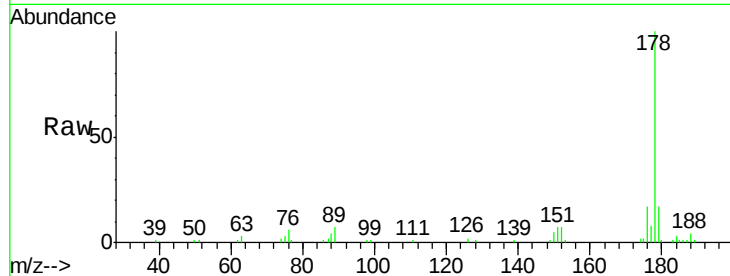
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Instrument :

BNA_G

ClientSampleId :

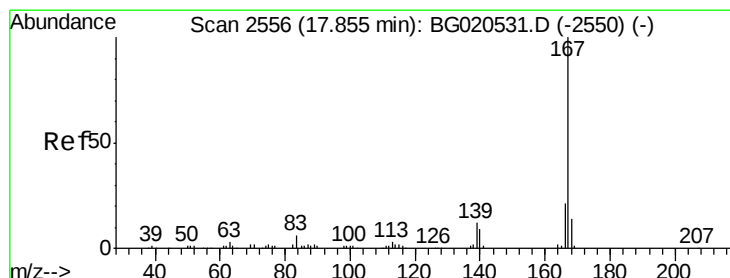
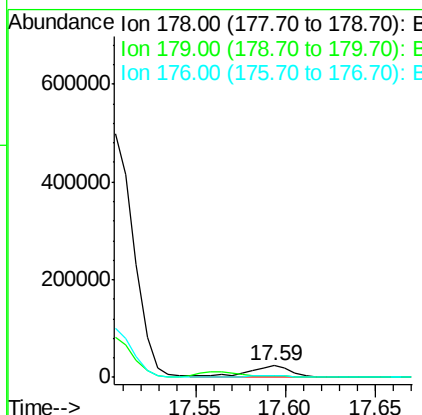
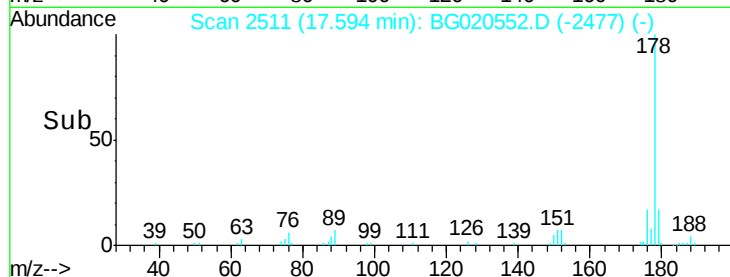
D9N62



Tgt Ion:	178	Resp:	41579
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.3	18.5
176	17.1	14.3	21.5

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#75

Carbazole

Concen: 14.49 ng/ul

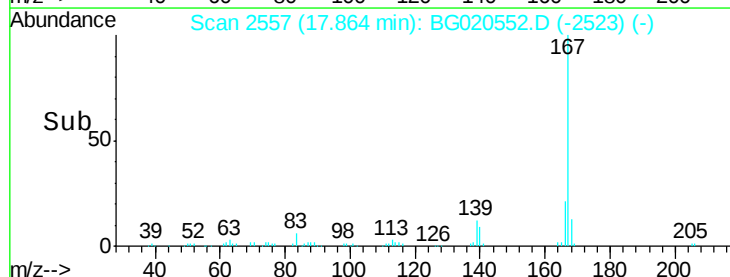
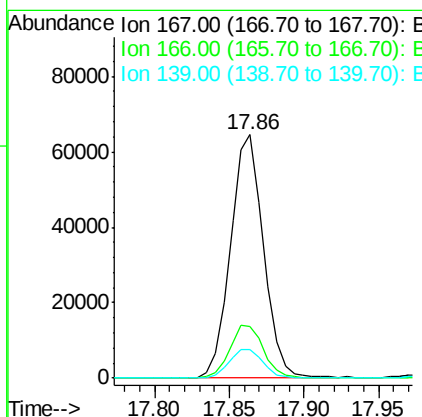
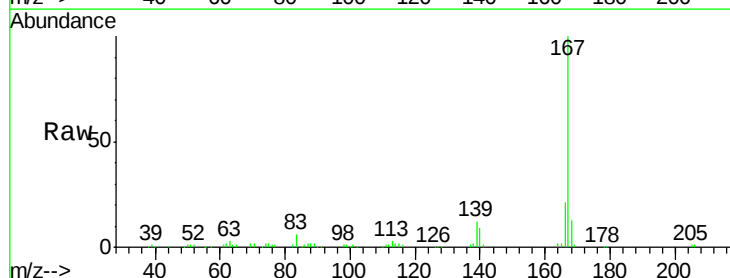
RT: 17.86 min Scan# 2557

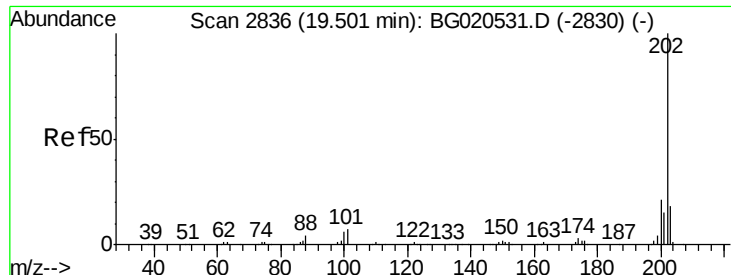
Delta R.T. 0.00 min

Lab File: BG020552.D

Acq: 27 Dec 2015 12:39

Tgt Ion:	167	Resp:	99540
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.0	25.6
139	11.7	10.1	15.1





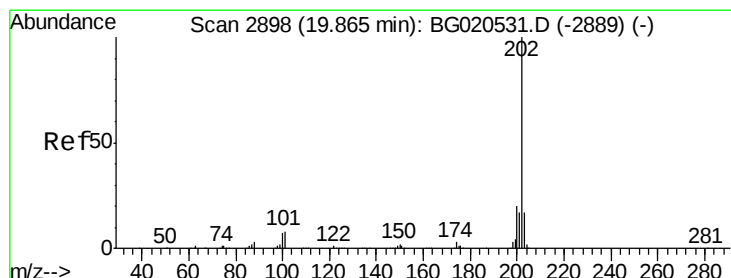
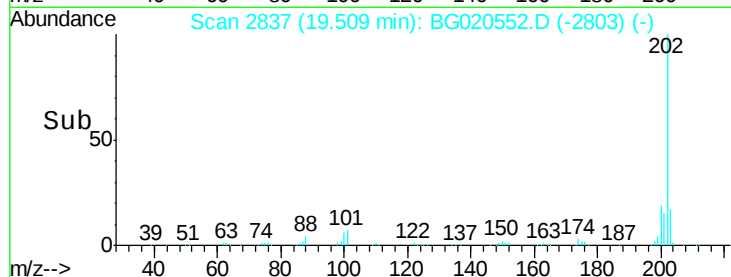
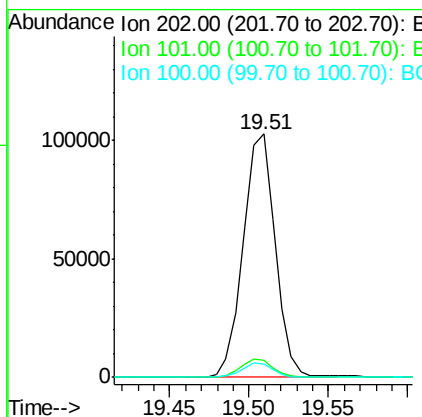
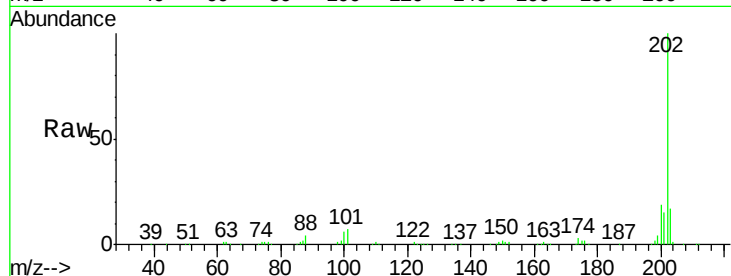
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Fluoranthene
 Concen: 14.43 ng/ul
 RT: 19.51 min Scan# 2837
 Delta R.T. 0.00 min
 Lab File: BG020552.D
 Acq: 27 Dec 2015 12:39

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Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		144653		
101	7.2	6.2	9.4		
100	5.6	5.1	7.7		

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#80
Pyrene
 Concen: 7.98 ng/ul
 RT: 19.87 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: BG020552.D
 Acq: 27 Dec 2015 12:39

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		83488		
101	7.4	7.0	10.4		
100	7.6	6.4	9.6		

