

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
 Data File : BG025092.D
 Acq On : 11 Dec 2016 7:02
 Operator : UM/SJ
 Sample : H5905-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA804

Manual Integrations
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Quant Time: Dec 12 16:49:58 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 06:35:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	111915	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	472875	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	389397	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.61	188	715855	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	909455	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	933754	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	11872	5.48	ng/uL	0.00
5) Phenol-d5	7.38	99	194875	20.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	142610	23.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	142182	21.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	168675	20.90	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	100871	30.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	93468	22.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	171469	21.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	695837	88.19	ng/ul	0.01
43) Dimethylphthalate-d6	14.27	166	602625	22.50	ng/ul	0.02
46) Acenaphthylene-d8	14.57	160	712383	24.28	ng/ul	0.01
51) 4-Nitrophenol-d4	15.08	143	146025	31.72	ng/ul	0.03
57) Fluorene-d10	15.85	176	593640	23.55	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.98	200	117831	26.62	ng/ul	0.01
70) Anthracene-d10	17.71	188	769465	25.47	ng/ul	0.00
76) Pyrene-d10	19.97	212	875575	23.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	943209	24.93	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.41	94	65165	6.58	ng/ul	92
11) 2-Methylphenol	8.67	108	81035	11.11	ng/ul	95
16) 4-Methylphenol	9.00	108	171917	21.18	ng/ul	86
24) 2,4-Dimethylphenol	10.22	107	368939m	38.10	ng/ul	
28) Naphthalene	11.13	128	4539432	206.51	ng/ul#	84
34) 2-Methylnaphthalene	12.73	142	6014449	346.72	ng/ul	83
40) 1,1'-Biphenyl	13.70	154	1713886	72.60	ng/ul#	93
44) Dimethylphthalate	14.31	163	144360	5.48	ng/ul#	92
49) Acenaphthene	14.94	153	407378	20.85	ng/ul#	82
53) Dibenzofuran	15.27	168	913329	29.55	ng/ul	95
58) Fluorene	15.91	166	914457	36.35	ng/ul#	96
69) Phenanthrene	17.65	178	474516	13.89	ng/ul#	92
74) Fluoranthene	19.64	202	66758	1.64	ng/ul	96
77) Pyrene	20.00	202	83539	1.91	ng/ul#	96

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

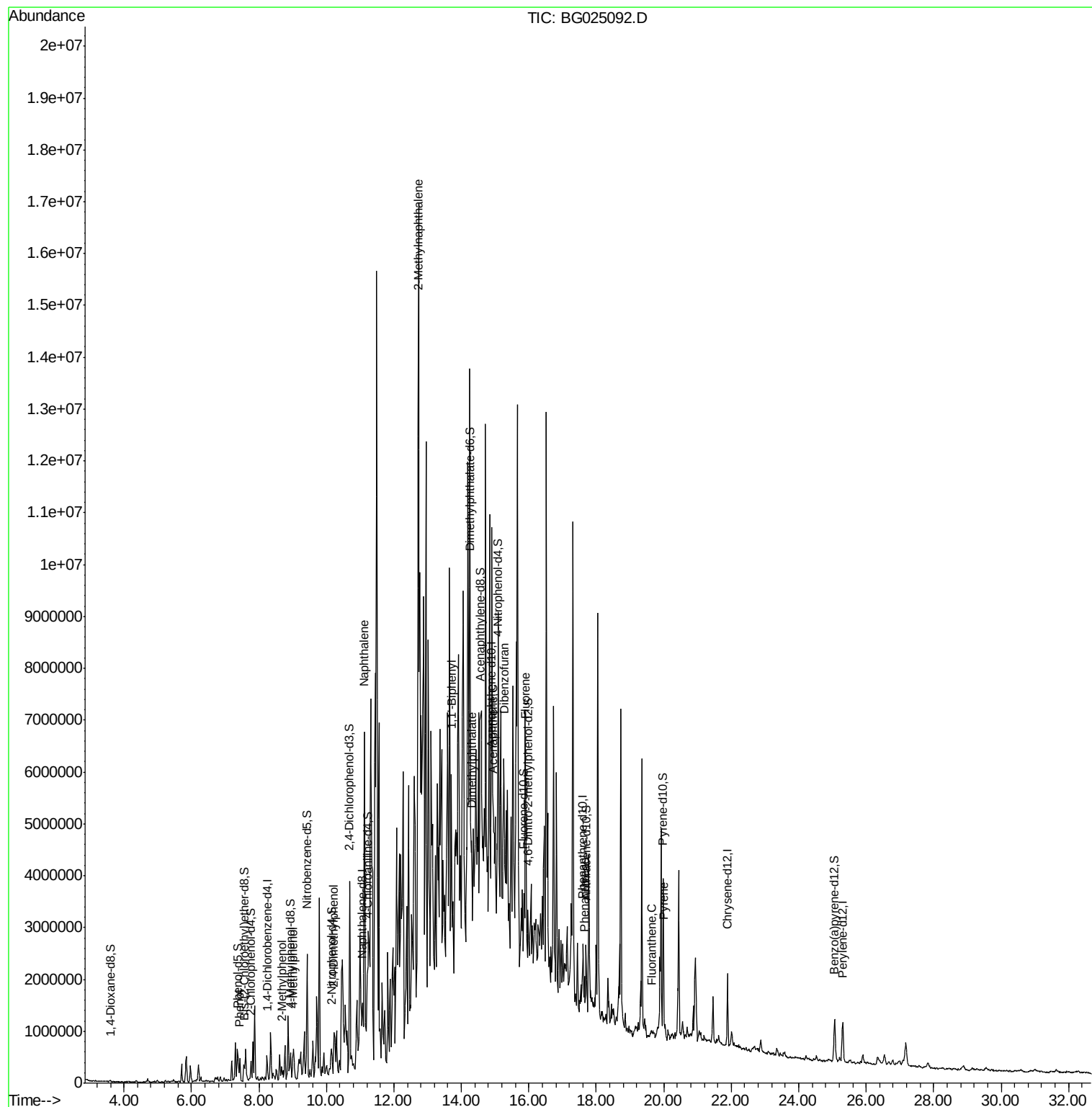
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025092.D
Acq On : 11 Dec 2016 7:02
Operator : UM/SJ
Sample : H5905-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

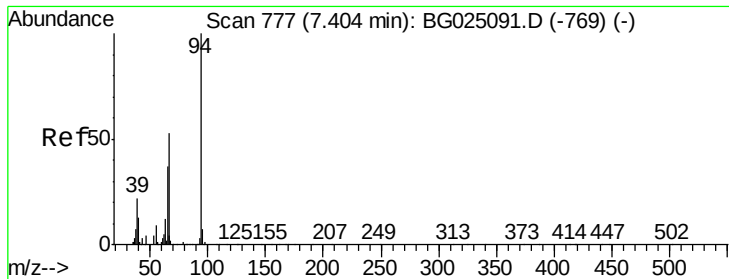
Instrument :
BNA_G
ClientSampleId :
DA804

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Quant Time: Dec 12 16:49:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 06:35:12 2016
Response via : Initial Calibration





#6

Phenol

Concen: 6.58 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG025092.D

Acq: 11 Dec 2016 7:02

Instrument :

BNA_G

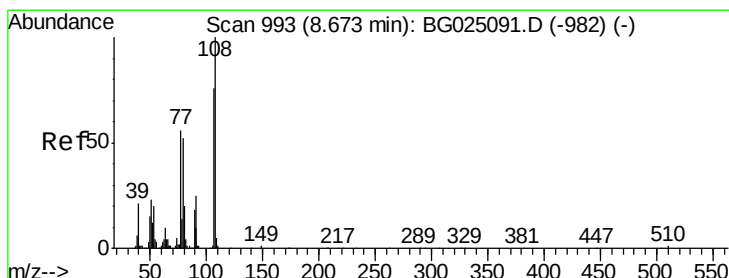
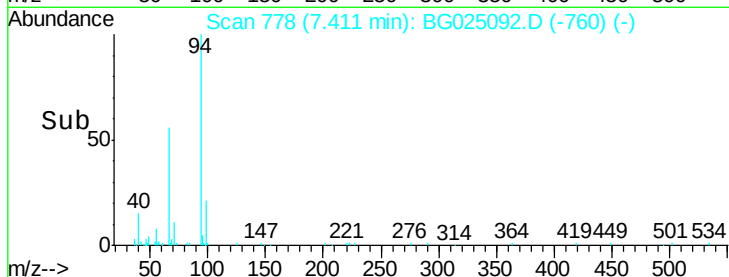
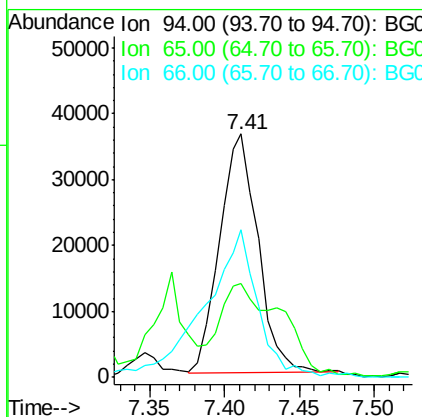
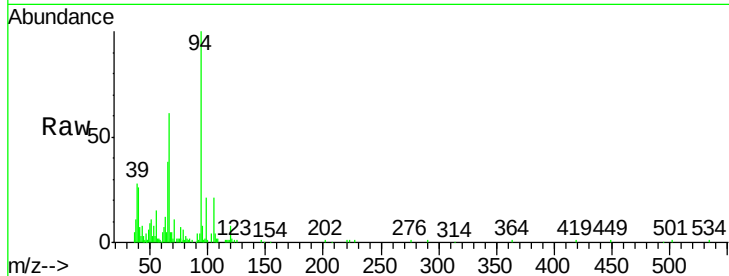
ClientSampled :

DA804

Tgt Ion:	94	Resp:	65165
Ion Ratio	Lower	Upper	
94	100		
65	38.3	26.8	40.2
66	60.6	44.4	66.6

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#11

2-Methylphenol

Concen: 11.11 ng/ul

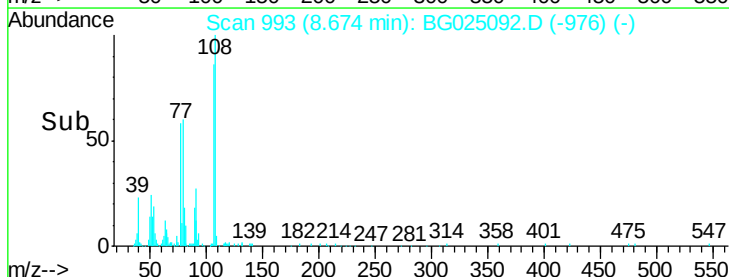
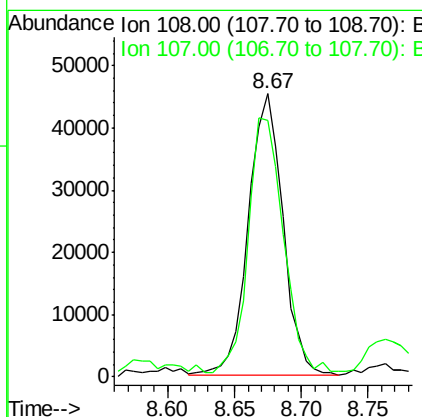
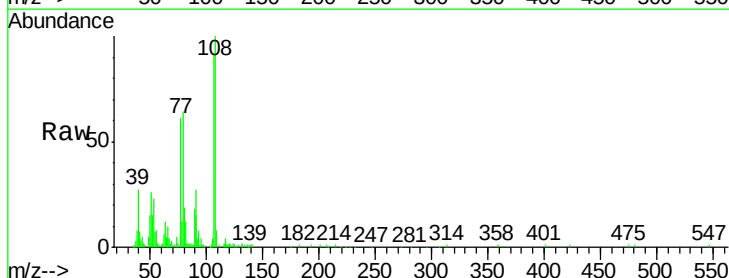
RT: 8.67 min Scan# 993

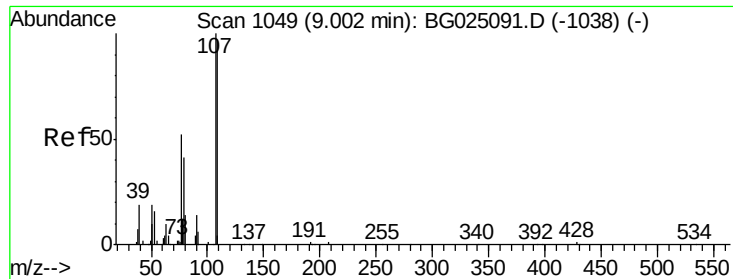
Delta R.T. 0.00 min

Lab File: BG025092.D

Acq: 11 Dec 2016 7:02

Tgt Ion:	108	Resp:	81035
Ion Ratio	Lower	Upper	
108	100		
107	90.6	76.7	115.1





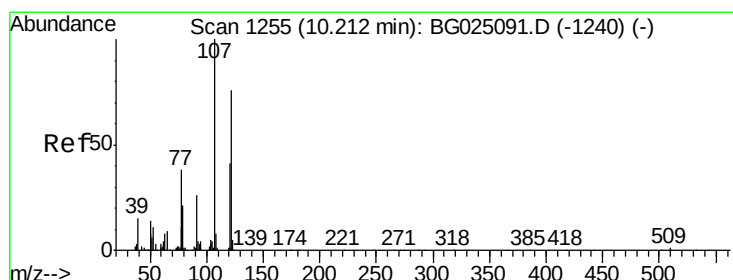
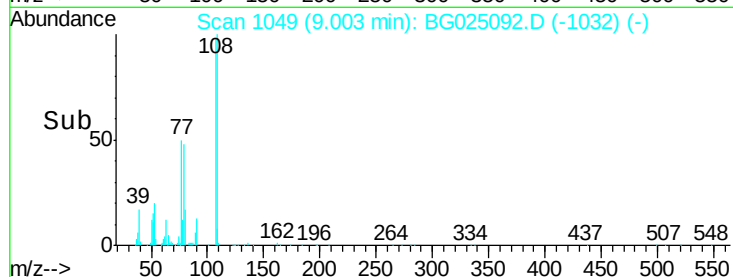
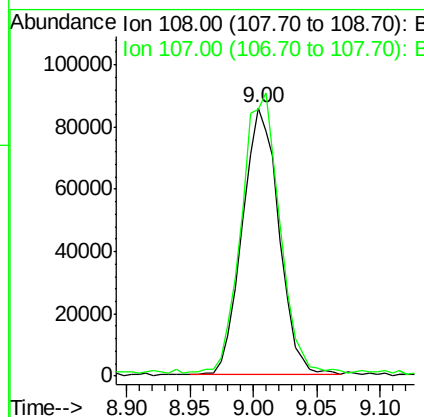
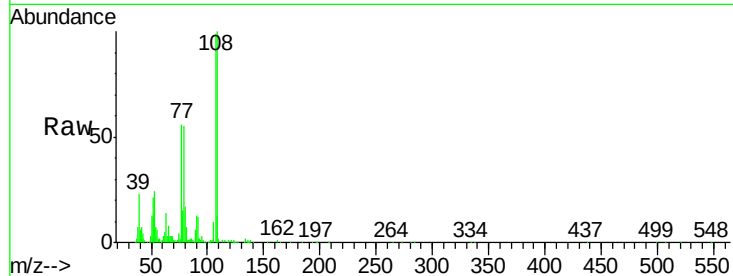
#16
4-Methylphenol
Concen: 21.18 ng/ul
RT: 9.00 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG025092.D
Acq: 11 Dec 2016 7:02

Instrument :
BNA_G
ClientSampled :
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Tgt Ion	Ratio	Resp	Lower	Upper
108	100	171917		
107	99.4	91.7	137.5	

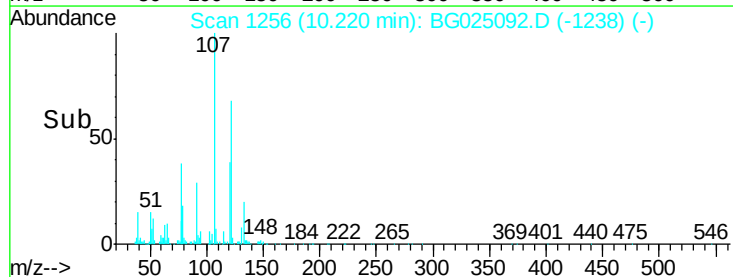
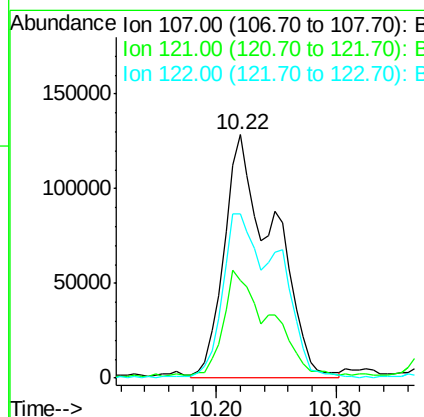
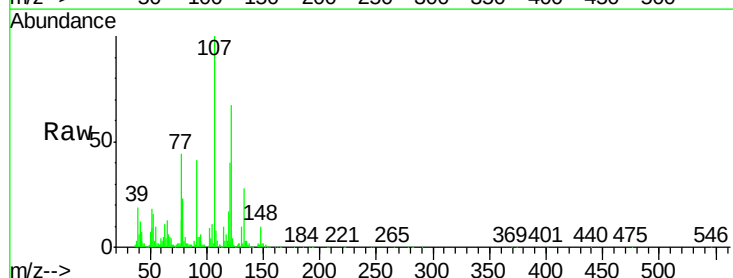
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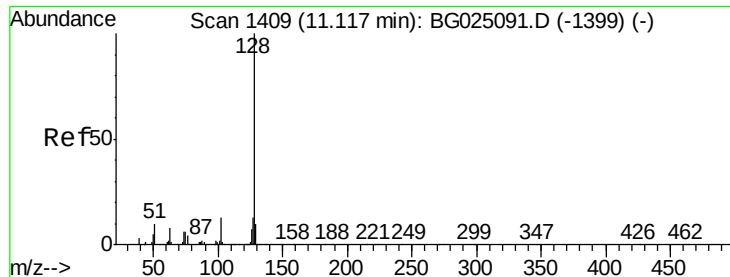
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#24
2,4-Dimethylphenol
Concen: 38.10 ng/ul m
RT: 10.22 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BG025092.D
Acq: 11 Dec 2016 7:02

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	368939		
121	40.0	32.3	48.5	
122	67.4	61.2	91.8	





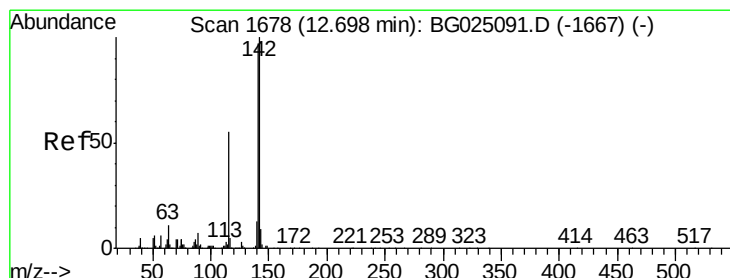
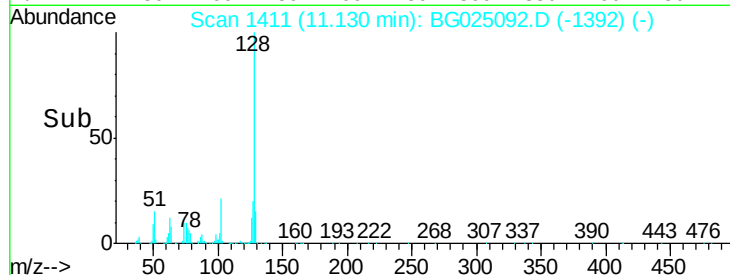
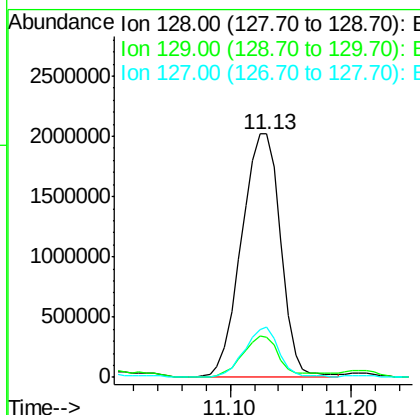
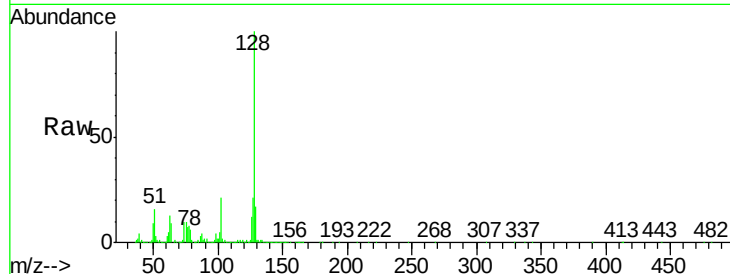
#28
Naphthalene
Concen: 206.51 ng/ul
RT: 11.13 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BG025092.D
Acq: 11 Dec 2016 7:02

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:128 Resp: 4539432
Ion Ratio Lower Upper
128 100
129 16.6 9.4 14.2#
127 20.5 10.3 15.5#

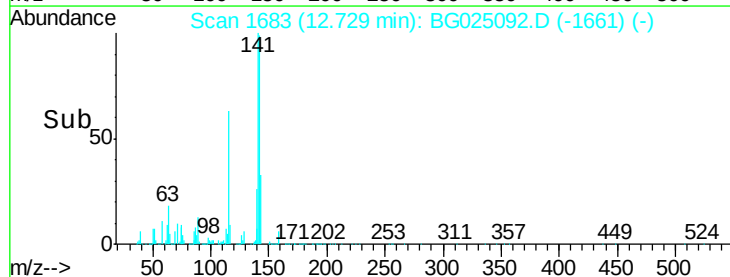
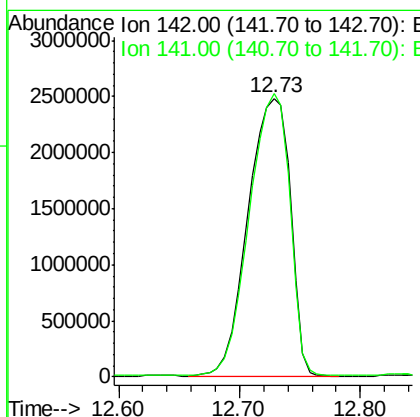
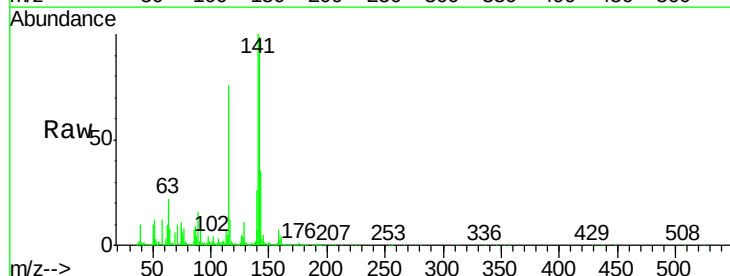
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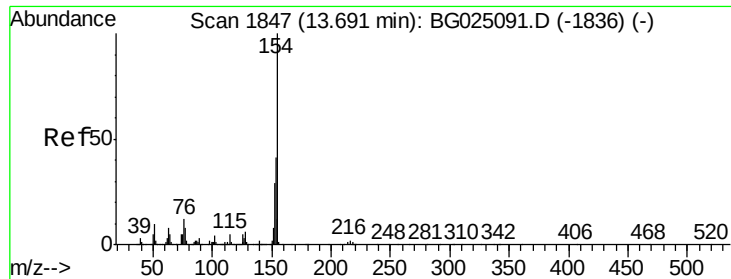
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#34
2-Methylnaphthalene
Concen: 346.72 ng/ul
RT: 12.73 min Scan# 1683
Delta R.T. 0.03 min
Lab File: BG025092.D
Acq: 11 Dec 2016 7:02

Tgt Ion:142 Resp: 6014449
Ion Ratio Lower Upper
142 100
141 101.5 68.6 102.8





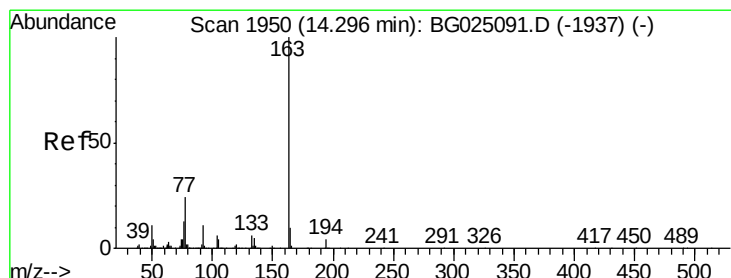
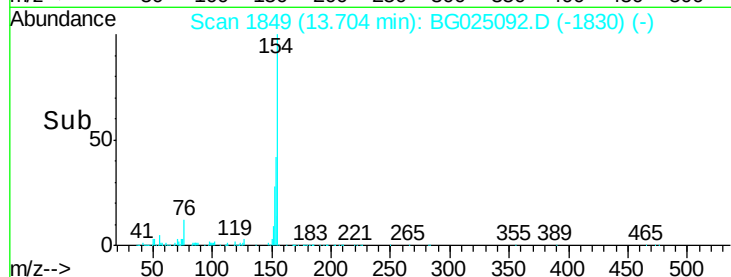
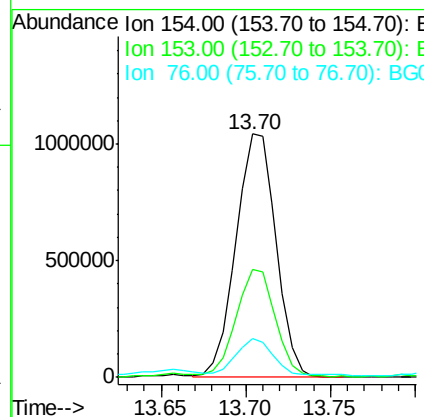
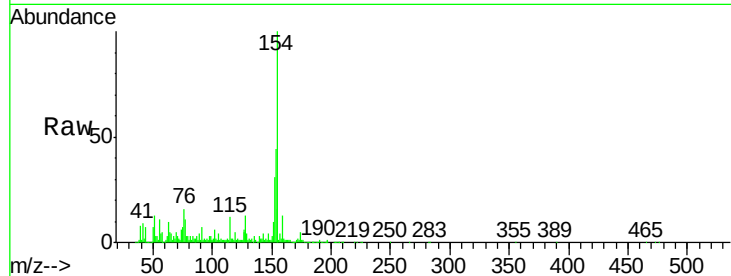
#40
 1,1'-Biphenyl
 Concen: 72.60 ng/ul
 RT: 13.70 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BG025092.D
 Acq: 11 Dec 2016 7:02

Instrument :
 BNA_G
 ClientSampleId :
 DA804

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.2	32.2	48.2
76	15.8	9.6	14.4

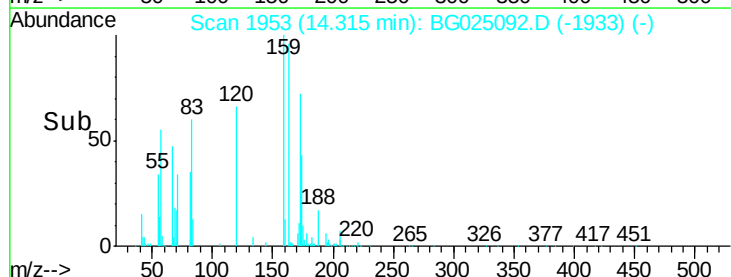
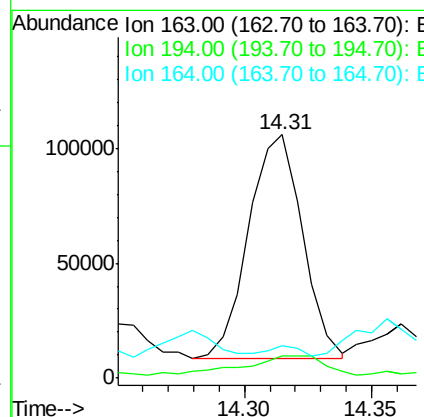
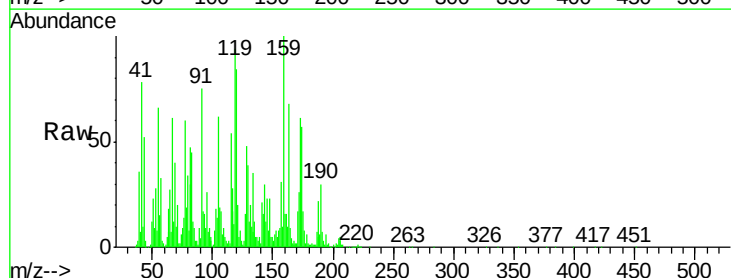
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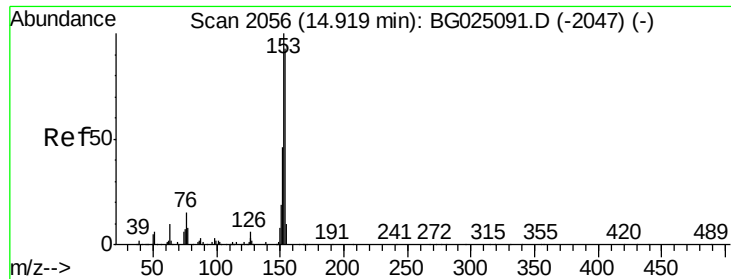
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#44
 Dimethylphthalate
 Concen: 5.48 ng/ul
 RT: 14.31 min Scan# 1953
 Delta R.T. 0.02 min
 Lab File: BG025092.D
 Acq: 11 Dec 2016 7:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	9.2	3.4	5.0
164	13.1	9.0	13.4





#49

Acenaphthene

Concen: 20.85 ng/ul

RT: 14.94 min Scan# 2059

Delta R.T. 0.02 min

Lab File: BG025092.D

Acq: 11 Dec 2016 7:02

Instrument :

BNA_G

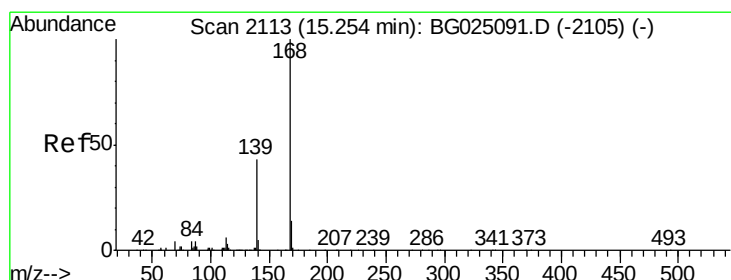
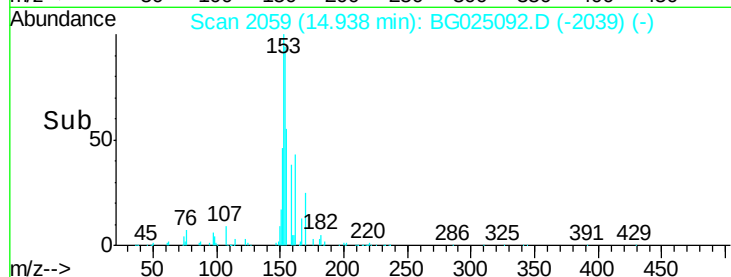
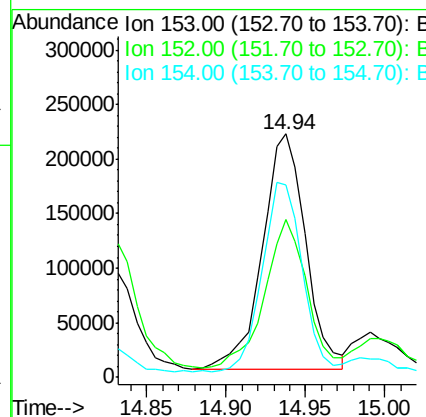
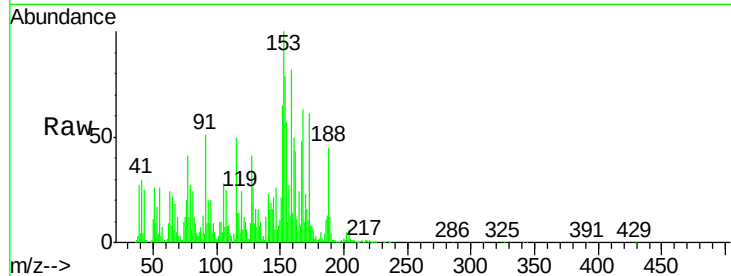
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
153	100		
152	64.7	36.5	54.7#
154	78.9	72.3	108.5

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#53

Dibenzofuran

Concen: 29.55 ng/ul

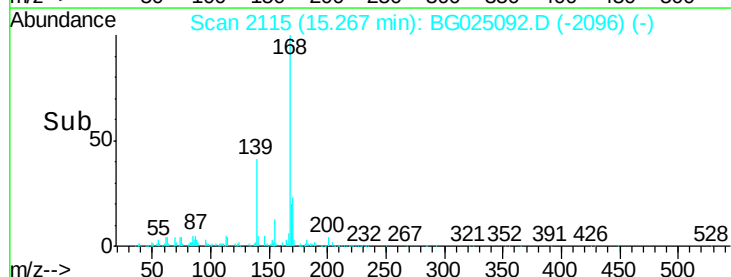
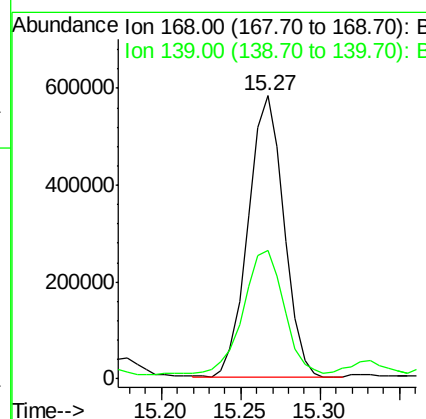
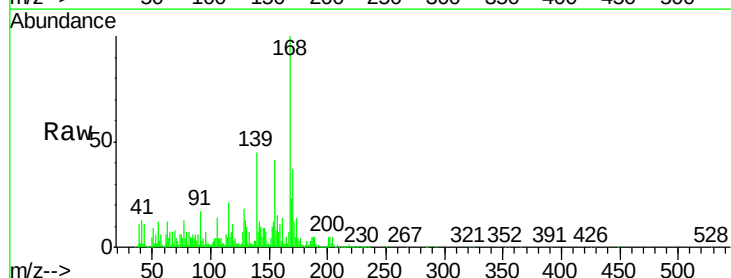
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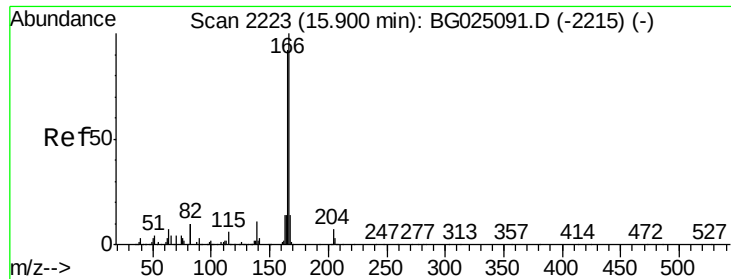
Delta R.T. 0.01 min

Lab File: BG025092.D

Acq: 11 Dec 2016 7:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.4	33.8	50.8





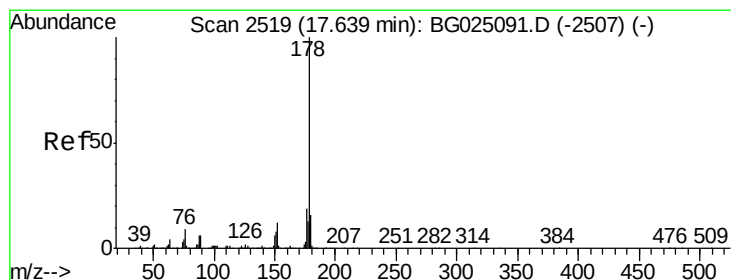
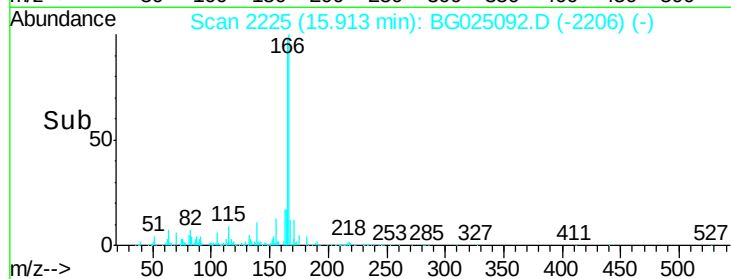
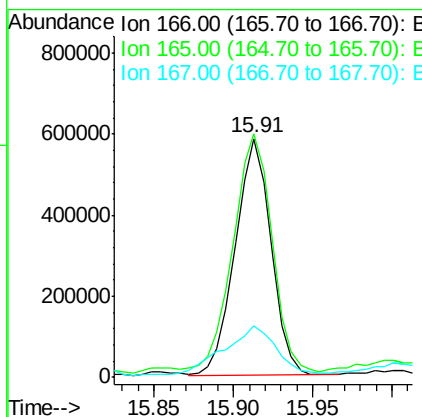
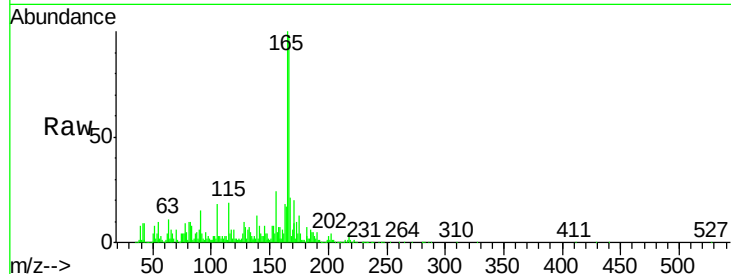
#58
 Fluorene
 Concen: 36.35 ng/ul
 RT: 15.91 min Scan# 2225
 Delta R.T. 0.01 min
 Lab File: BG025092.D
 Acq: 11 Dec 2016 7:02

Instrument :
 BNA_G
 ClientSampleId :
 DA804

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.9	79.7	119.5	
167	21.5	11.4	17.2#	

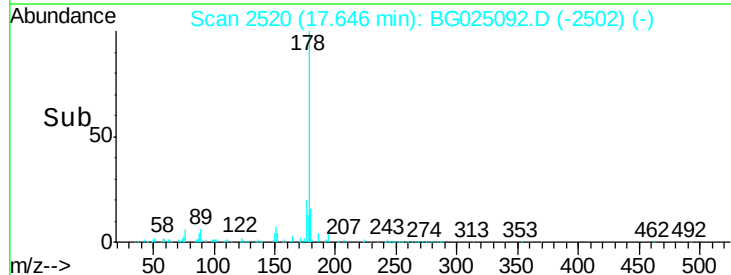
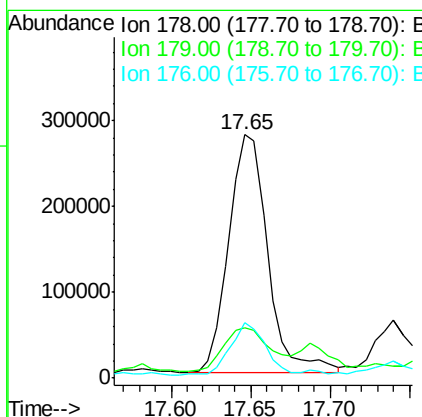
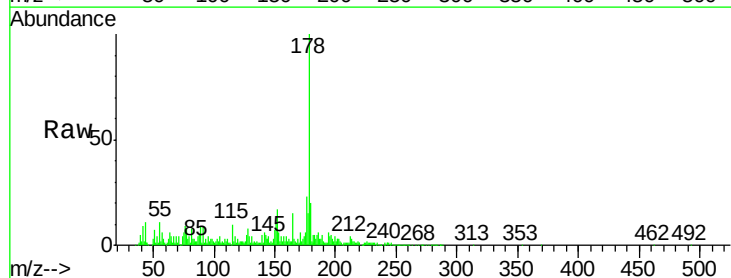
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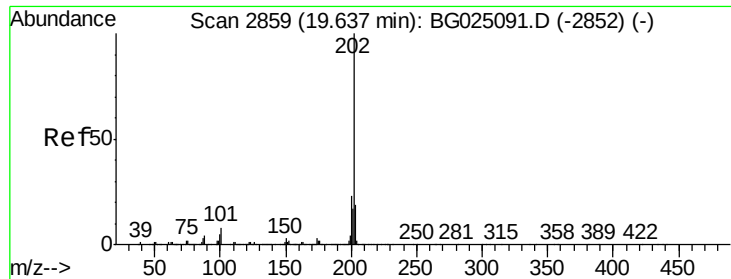
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#69
 Phenanthrene
 Concen: 13.89 ng/ul
 RT: 17.65 min Scan# 2520
 Delta R.T. 0.01 min
 Lab File: BG025092.D
 Acq: 11 Dec 2016 7:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
179	20.5	12.4	18.6#	
176	22.6	16.5	24.7	





#74

Fluoranthene

Concen: 1.64 ng/ul

RT: 19.64 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG025092.D

Acq: 11 Dec 2016 7:02

Instrument :

BNA_G

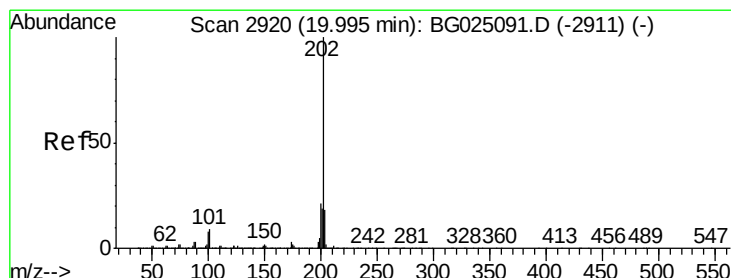
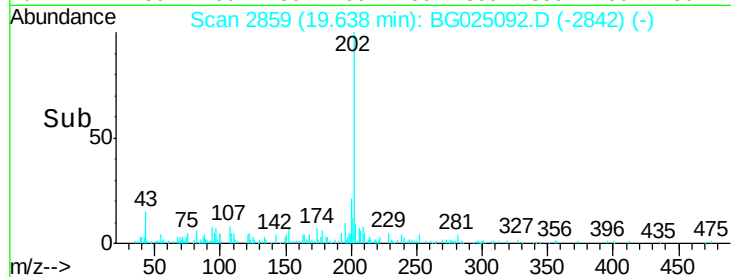
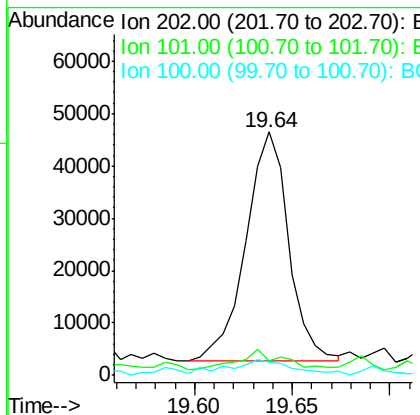
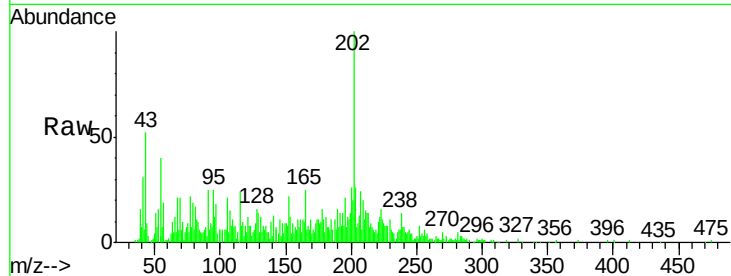
ClientSampleId :

DA804

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	6.2	6.2	9.2
100	5.5	5.2	7.8

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#77

Pyrene

Concen: 1.91 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. 0.01 min

Lab File: BG025092.D

Acq: 11 Dec 2016 7:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.3	6.9	10.3#
100	8.3	6.6	10.0

