

Data Path : Z:\HPCHEM1\BNA G\Data\BG121016\
 Data File : BG025097.D
 Acq On : 11 Dec 2016 10:18
 Operator : UM/SJ
 Sample : H5905-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DA818

Manual Integrations
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Sohil
 12/12/2016 4:30:06 PM

Quant Time: Dec 19 06:32:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 06:35:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	106955	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	436004	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	344327	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	657349	20.00	ng/ul	0.01
75) Chrysene-d12	21.89	240	825336	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	847846	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	17194	8.30	ng/uL	0.00
5) Phenol-d5	7.39	99	288332	31.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	208859	36.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	210221	32.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	230241	29.86	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	113648	36.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	121674	31.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	226691	30.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	707843	97.30	ng/ul	0.01
43) Dimethylphthalate-d6	14.26	166	719205	30.37	ng/ul	0.01
46) Acenaphthylene-d8	14.57	160	855292	32.97	ng/ul	0.01
51) 4-Nitrophenol-d4	15.08	143	140141	34.43	ng/ul	0.03
57) Fluorene-d10	15.85	176	826230	37.06	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.98	200	136518	33.59	ng/ul	0.01
70) Anthracene-d10	17.70	188	971683	35.02	ng/ul	0.00
76) Pyrene-d10	19.97	212	1114374	32.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1180071	34.35	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.41	94	125028	13.20	ng/ul#	89
11) 2-Methylphenol	8.67	108	299747	42.99	ng/ul	91
16) 4-Methylphenol	9.01	108	743976	95.90	ng/ul	88
24) 2,4-Dimethylphenol	10.22	107	945887m	105.94	ng/ul	
28) Naphthalene	11.12	128	2373611	117.11	ng/ul#	95
34) 2-Methylnaphthalene	12.72	142	4034510	252.25	ng/ul	89
40) 1,1'-Biphenyl	13.70	154	1009630	48.36	ng/ul	99
44) Dimethylphthalate	14.31	163	474775	20.40	ng/ul	99
49) Acenaphthene	14.93	153	261193	15.12	ng/ul#	84
53) Dibenzofuran	15.26	168	633932	23.20	ng/ul	100
58) Fluorene	15.91	166	656173	29.49	ng/ul#	96
69) Phenanthrene	17.65	178	286819	9.14	ng/ul#	95
71) Anthracene	17.74	178	70688	2.19	ng/ul#	92
74) Fluoranthene	19.64	202	43309	1.16	ng/ul#	87
77) Pyrene	20.01	202	49041	1.24	ng/ul#	94

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

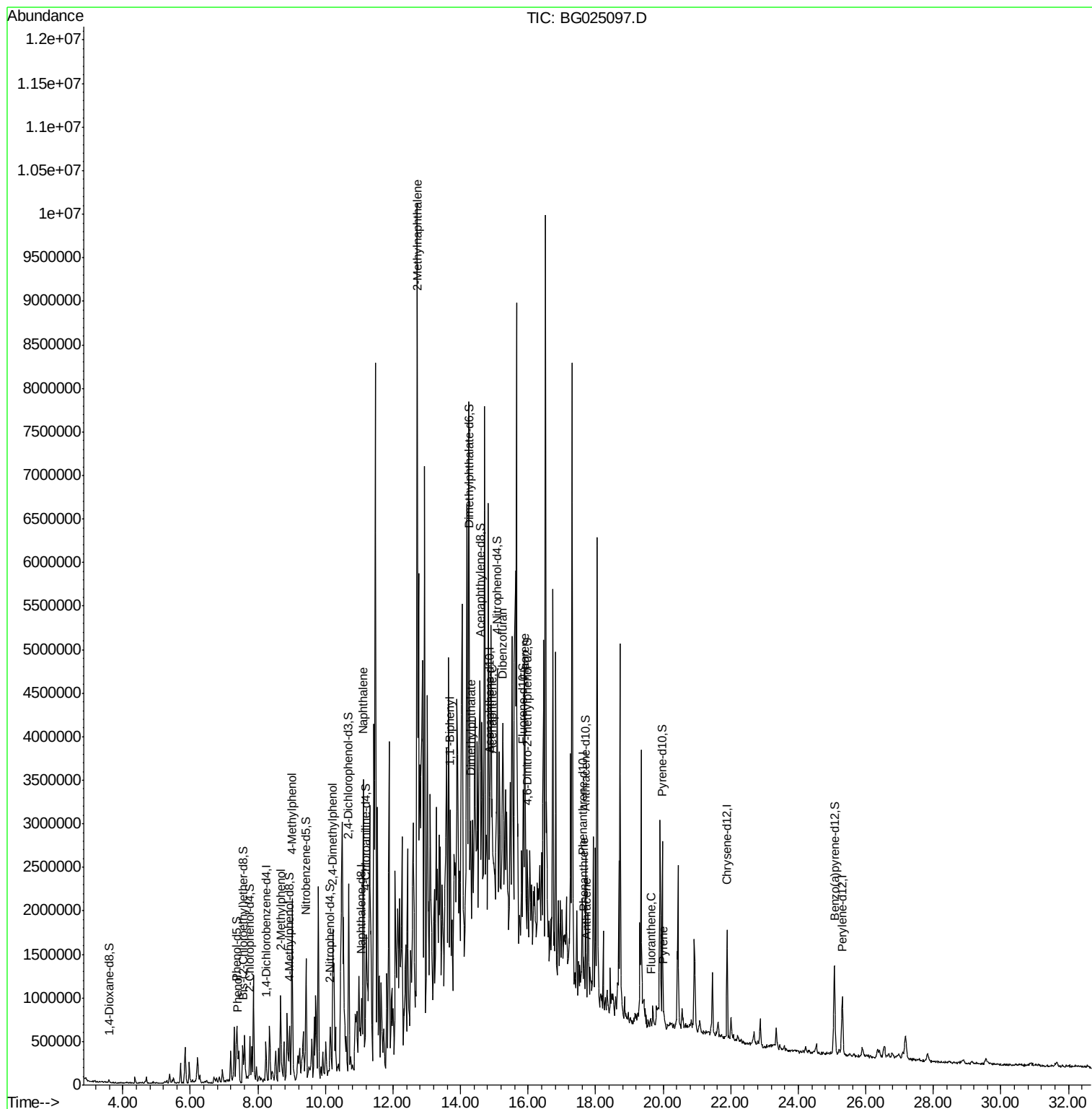
Data Path : Z:\HPCHEM1\BNA G\Data\BG121016\
Data File : BG025097.D
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Misc :
ALS Vial : 32 Sample Multiplier: 1

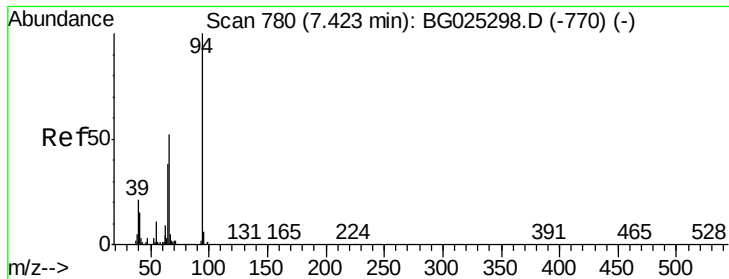
Instrument :
BNA_G
ClientSampleId :
DA818

Manual Integrations
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Quant Time: Dec 19 06:32:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 06:35:19 2016
Response via : Initial Calibration





#6

Phenol

Concen: 13.20 ng/ul

RT: 7.41 min Scan# 779

Delta R.T. 0.01 min

Lab File: BG025097.D

Acq: 11 Dec 2016 10:18

Instrument :

BNA_G

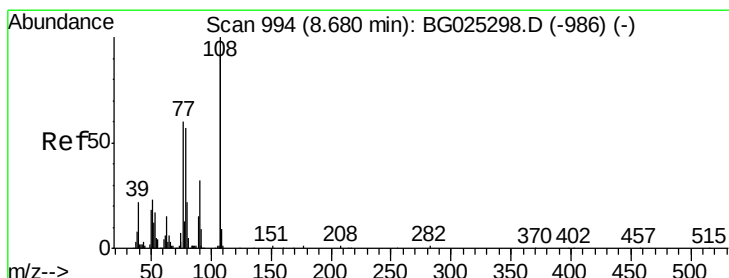
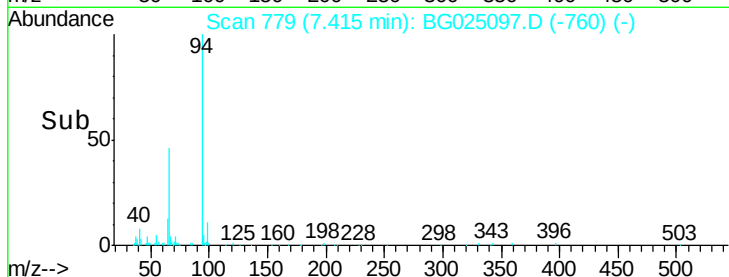
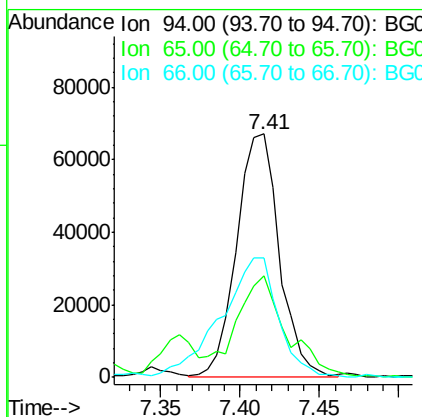
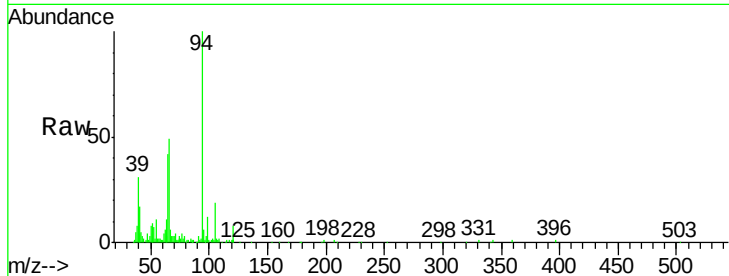
ClientSampleId :

DA818

Tot Ion:	94	Resp:	125028
Ion Ratio	Lower	Upper	
94	100		
65	41.9	26.8	40.2#
66	49.1	44.4	66.6

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#11

2-Methylphenol

Concen: 42.99 ng/ul

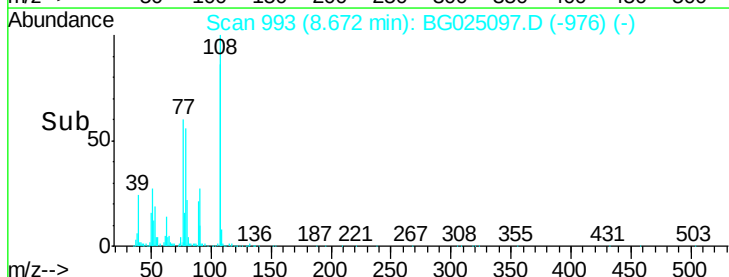
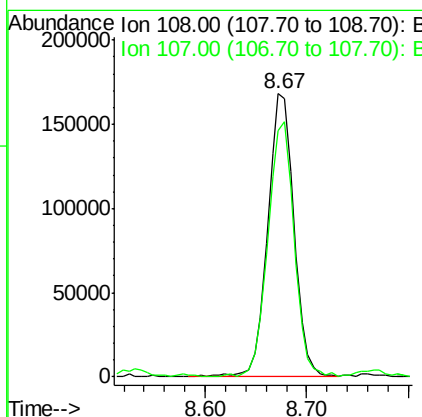
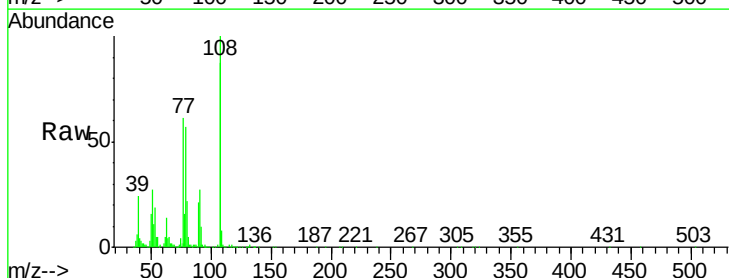
RT: 8.67 min Scan# 993

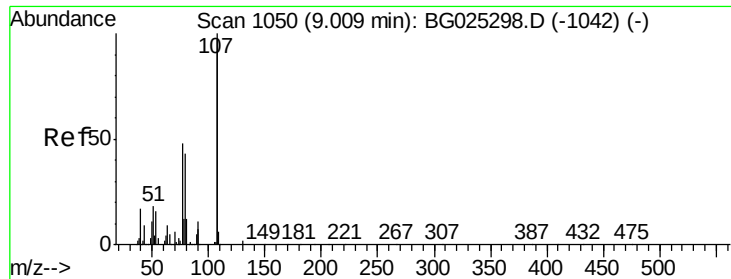
Delta R.T. -0.00 min

Lab File: BG025097.D

Acq: 11 Dec 2016 10:18

Tgt Ion:	108	Resp:	299747
Ion Ratio	Lower	Upper	
108	100		
107	86.8	76.7	115.1





#16

4-Methylphenol

Concen: 95.90 ng/ul

RT: 9.01 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BG025097.D

Acq: 11 Dec 2016 10:18

Instrument :

BNA_G

ClientSampleId :

DA818

Tot Ion:108 Resp: 743976

Ion Ratio Lower Upper

108 100

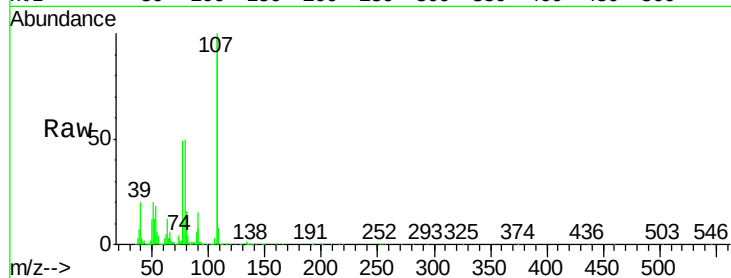
107 101.7 91.7 137.5

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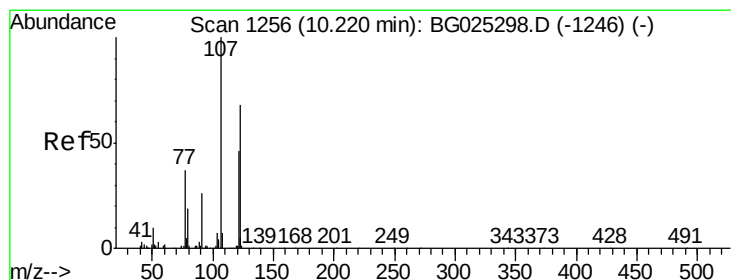
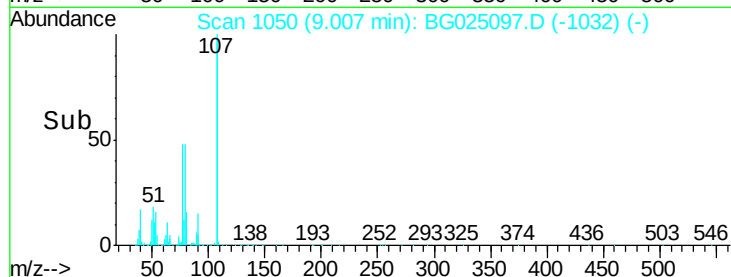
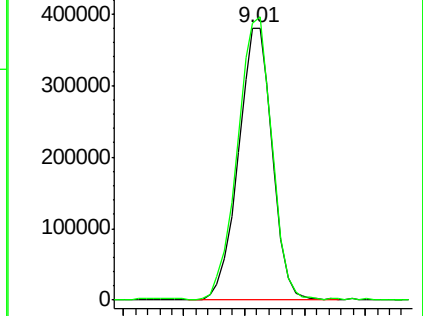
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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#24

2,4-Dimethylphenol

Concen: 105.94 ng/ul m

RT: 10.22 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BG025097.D

Acq: 11 Dec 2016 10:18

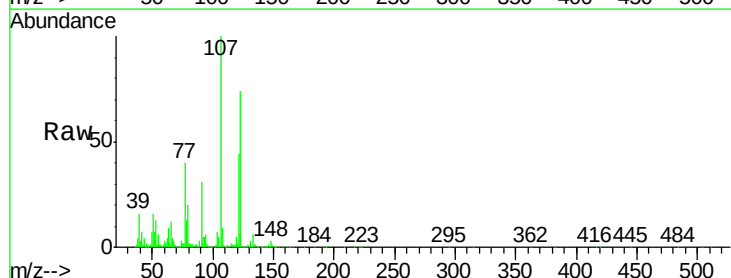
Tgt Ion:107 Resp: 945887

Ion Ratio Lower Upper

107 100

121 43.7 32.3 48.5

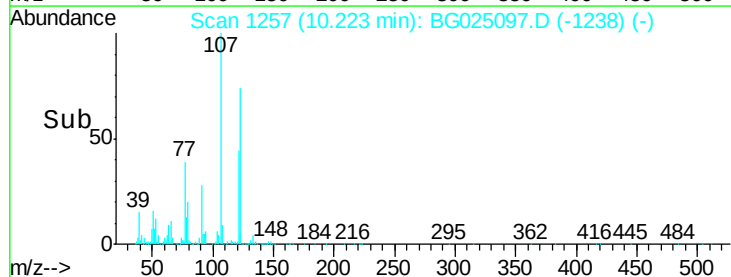
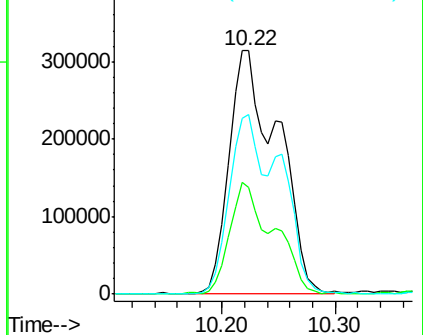
122 73.9 61.2 91.8

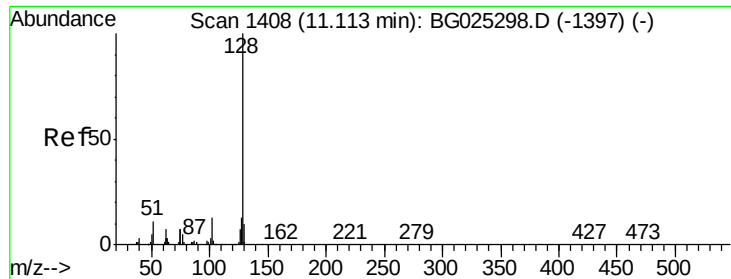


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Naphthalene

Concen: 117.11 ng/ul

RT: 11.12 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BG025097.D

Acq: 11 Dec 2016 10:18

Instrument :

BNA_G

ClientSampleId :

DA818

Tot Ion:128 Resp: 2373611

Ion Ratio Lower Upper

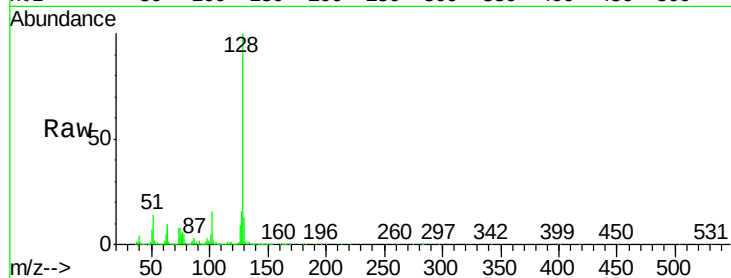
128 100

129 13.1 9.4 14.2

127 15.8 10.3 15.5#

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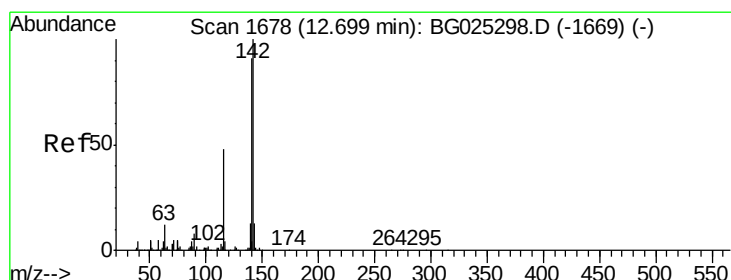
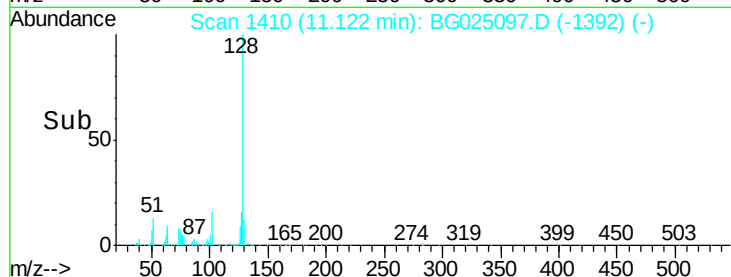
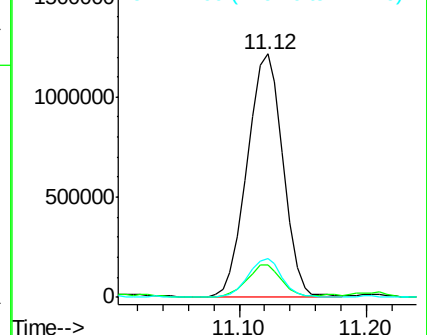
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 252.25 ng/ul

RT: 12.72 min Scan# 1682

Delta R.T. 0.02 min

Lab File: BG025097.D

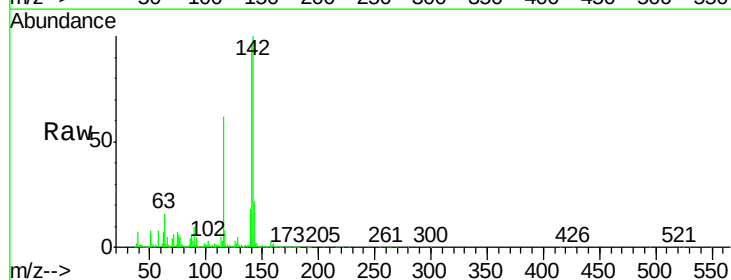
Acq: 11 Dec 2016 10:18

Tgt Ion:142 Resp: 4034510

Ion Ratio Lower Upper

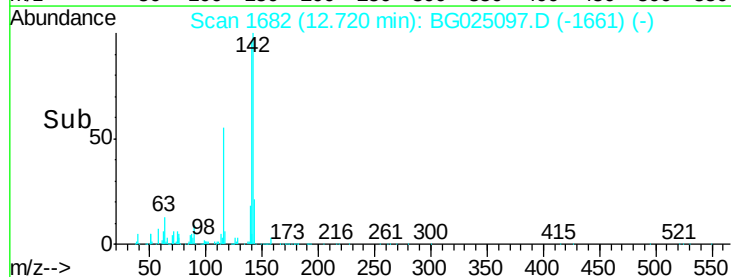
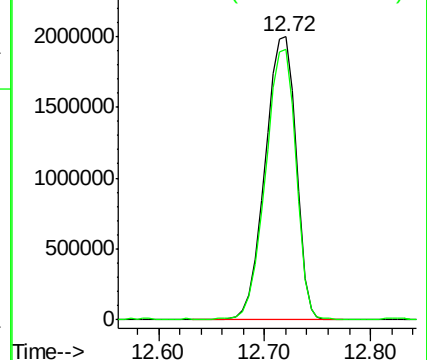
142 100

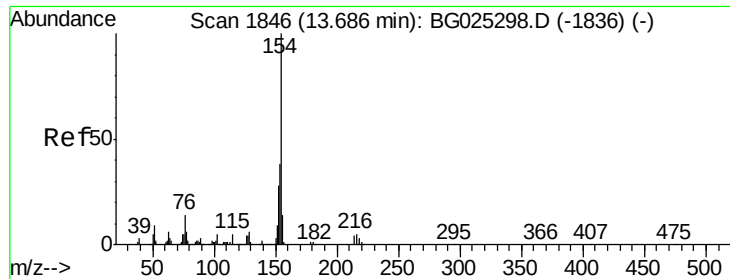
141 95.8 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





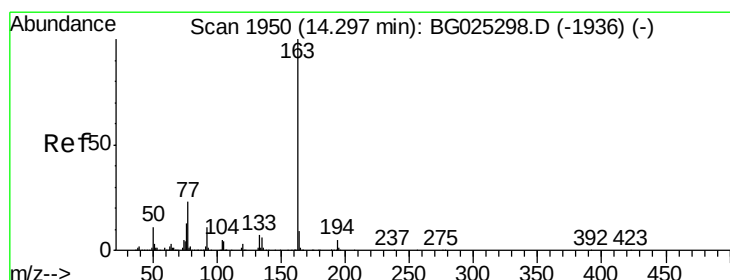
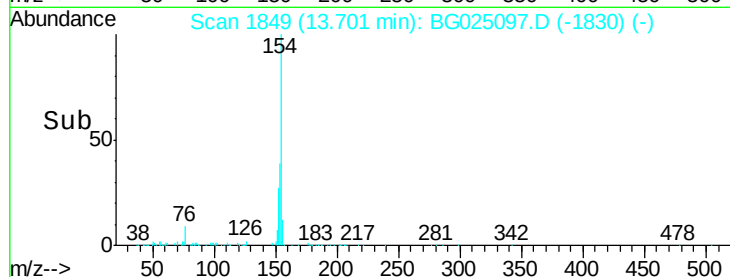
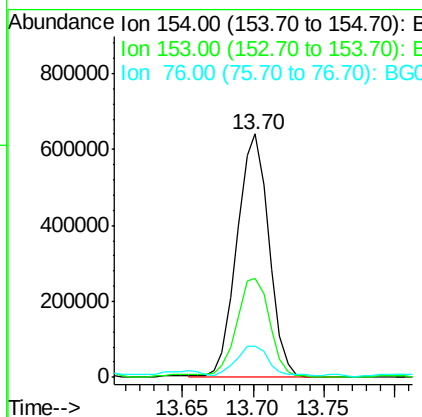
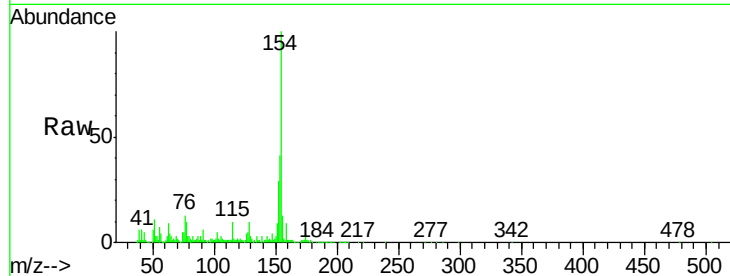
#40
 1,1'-Biphenyl
 Concen: 48.36 ng/ul
 RT: 13.70 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BG025097.D
 Acq: 11 Dec 2016 10:18

Instrument :
 BNA_G
 ClientSampleId :
 DA818

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	32.2	48.2
76	13.0	9.6	14.4

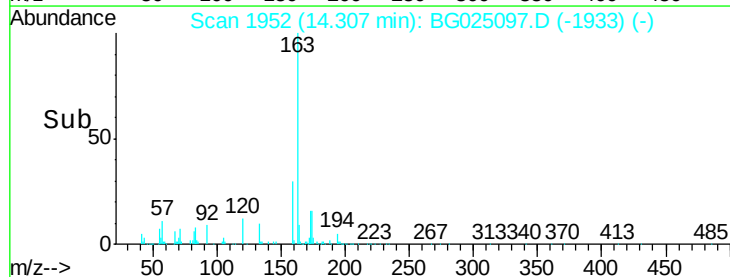
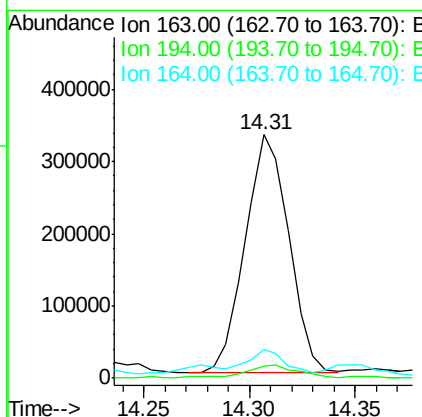
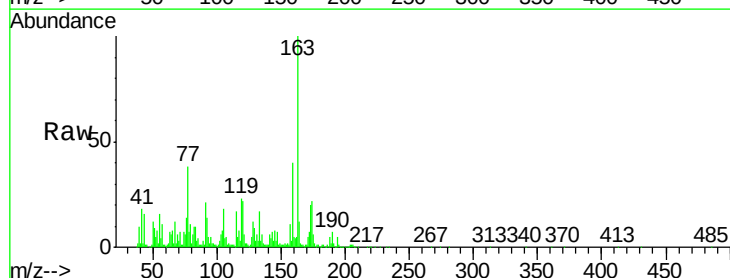
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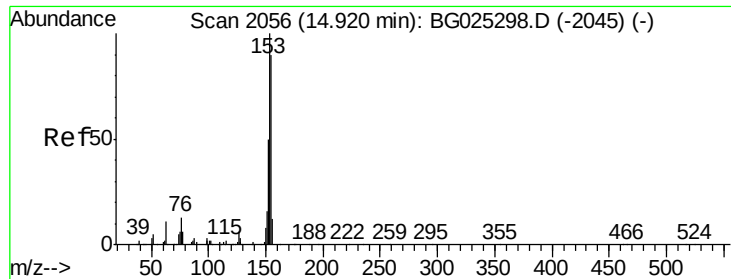
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#44
 Dimethylphthalate
 Concen: 20.40 ng/ul
 RT: 14.31 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: BG025097.D
 Acq: 11 Dec 2016 10:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.0
164	11.5	9.0	13.4





#49

Acenaphthene

Concen: 15.12 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BG025097.D

Acq: 11 Dec 2016 10:18

Instrument :

BNA_G

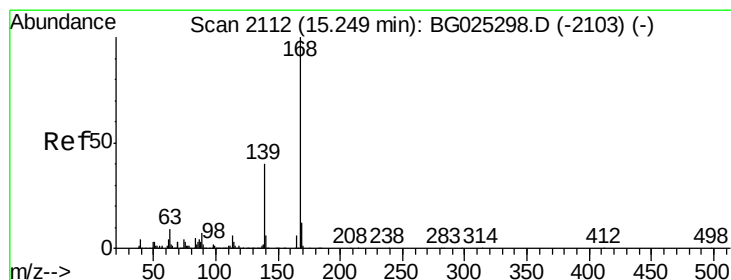
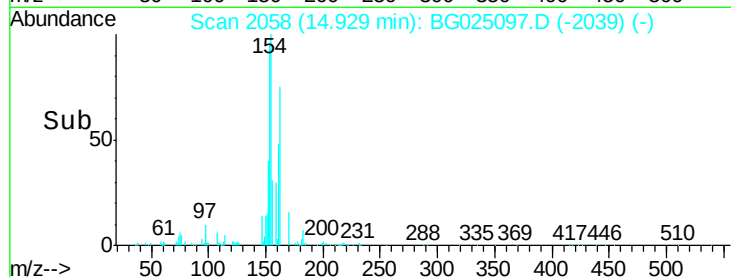
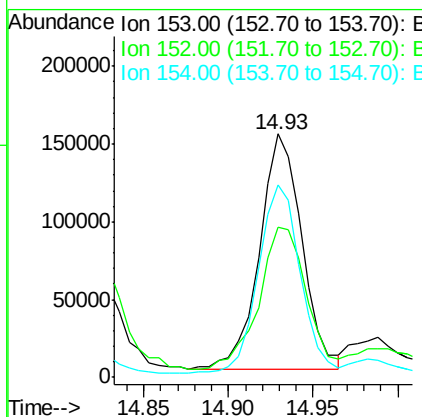
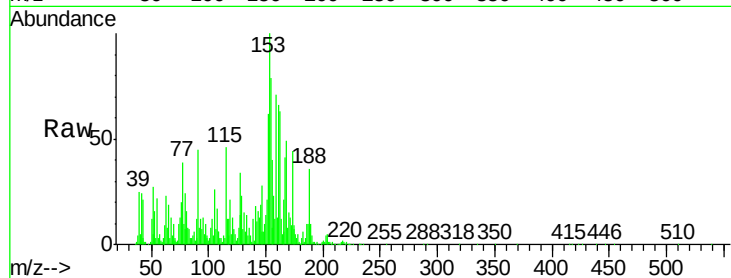
ClientSampleId :

DA818

Tot Ion:	153	Resp:	261193
Ion Ratio	Lower	Upper	
153	100		
152	61.6	36.5	54.7#
154	79.0	72.3	108.5

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#53

Dibenzofuran

Concen: 23.20 ng/ul

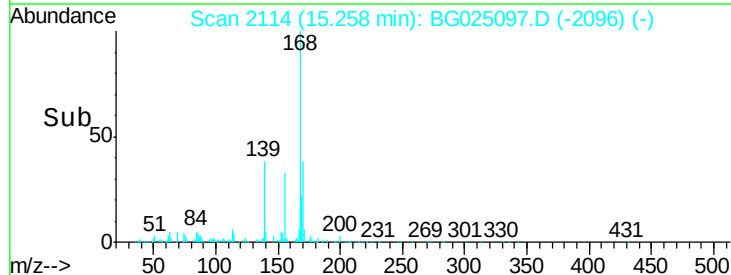
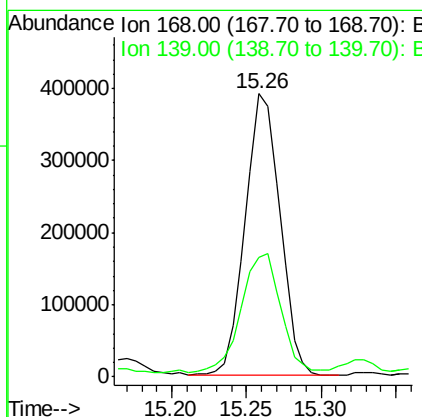
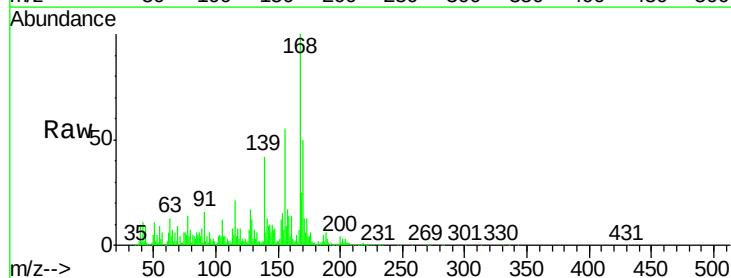
RT: 15.26 min Scan# 2114

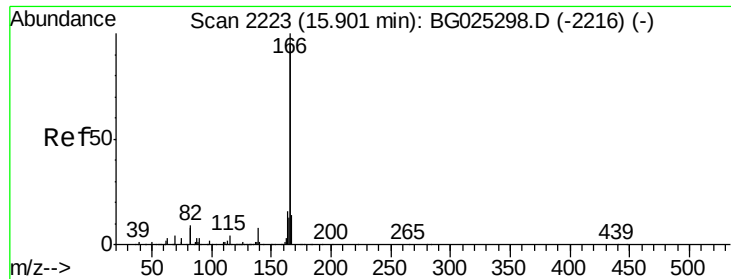
Delta R.T. 0.00 min

Lab File: BG025097.D

Acq: 11 Dec 2016 10:18

Tgt Ion:	168	Resp:	633932
Ion Ratio	Lower	Upper	
168	100		
139	42.3	33.8	50.8





#58

Fluorene

Concen: 29.49 ng/ul

RT: 15.91 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BG025097.D

Acq: 11 Dec 2016 10:18

Instrument :

BNA_G

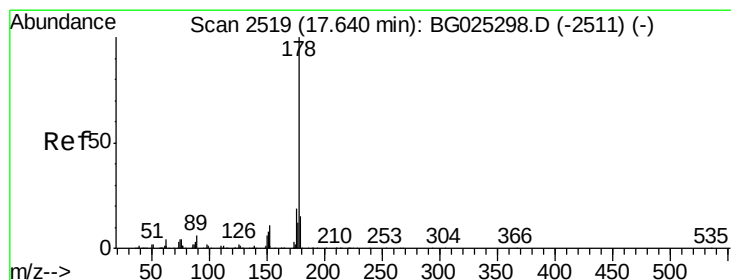
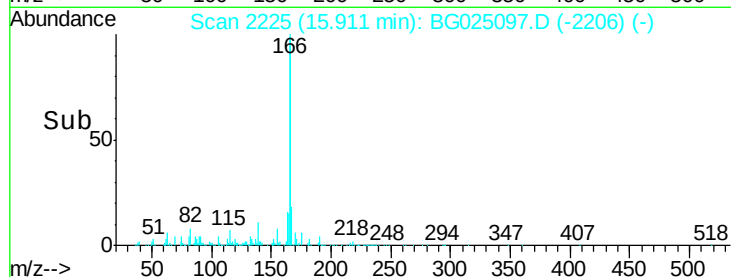
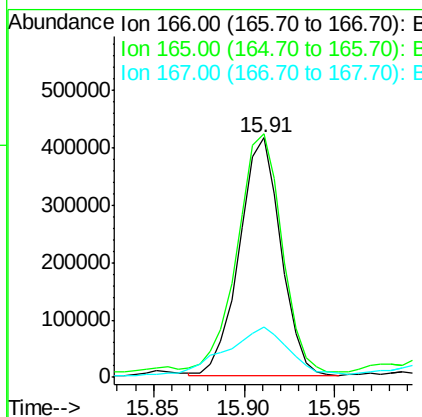
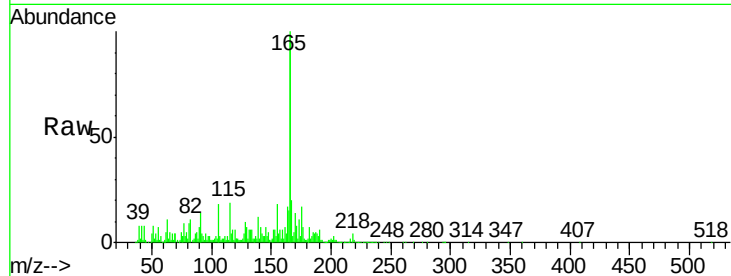
ClientSampleId :

DA818

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.7	119.5
167	20.8	11.4	17.2

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#69

Phenanthrene

Concen: 9.14 ng/ul

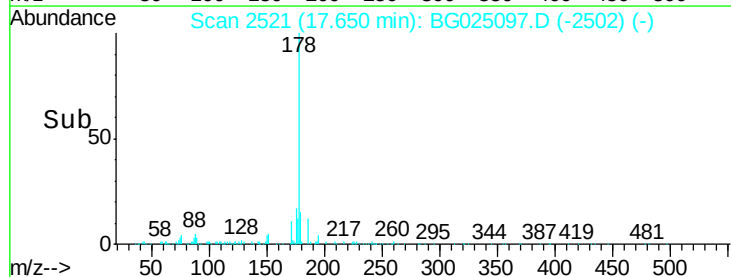
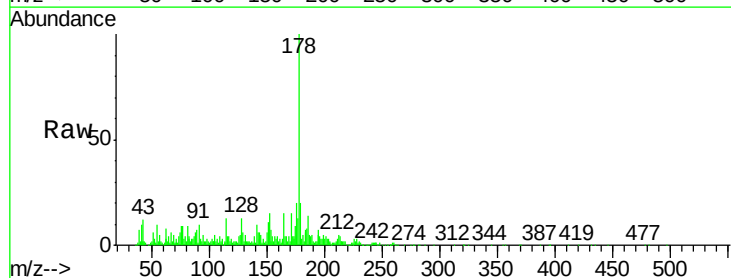
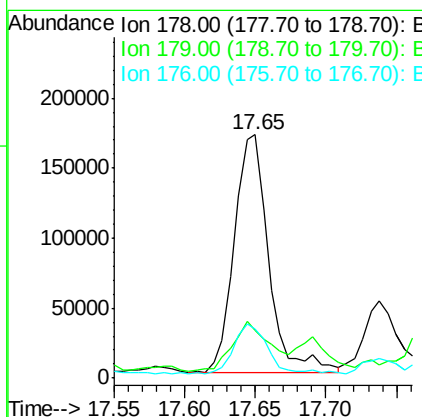
RT: 17.65 min Scan# 2521

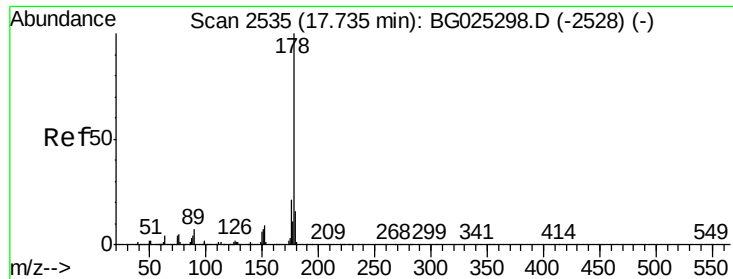
Delta R.T. 0.01 min

Lab File: BG025097.D

Acq: 11 Dec 2016 10:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.9	12.4	18.6
176	20.2	16.5	24.7





#71

Anthracene

Concen: 2.19 ng/ul

RT: 17.74 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BG025097.D

Acq: 11 Dec 2016 10:18

Instrument :

BNA_G

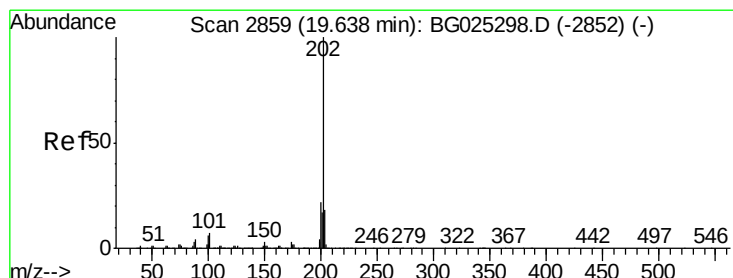
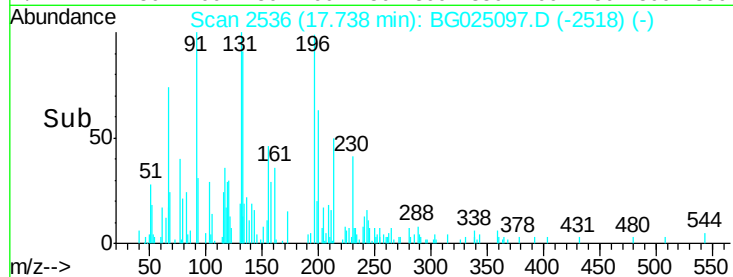
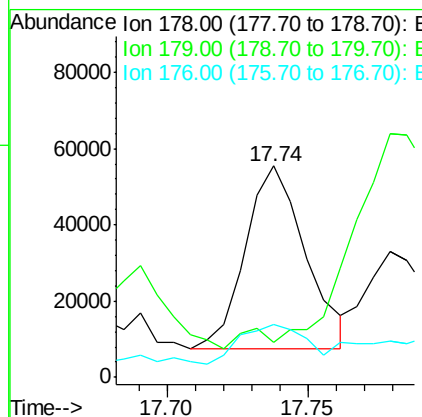
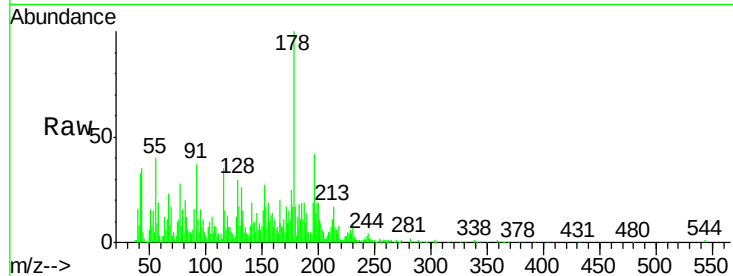
ClientSampleId :

DA818

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	19.0
176	25.3	15.9	23.9

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12/12/2016 4:30:06 PM



#74

Fluoranthene

Concen: 1.16 ng/ul

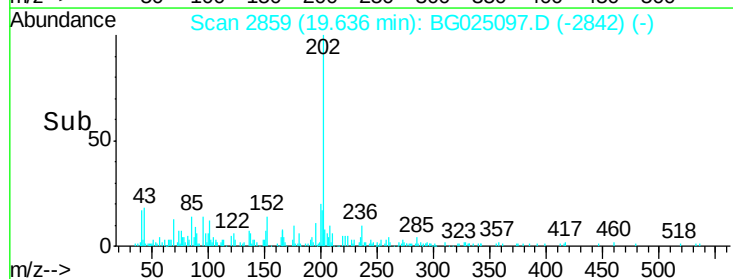
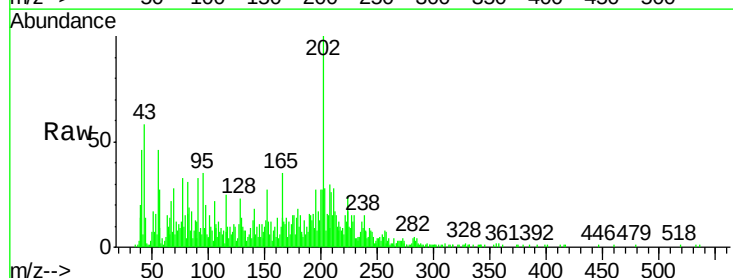
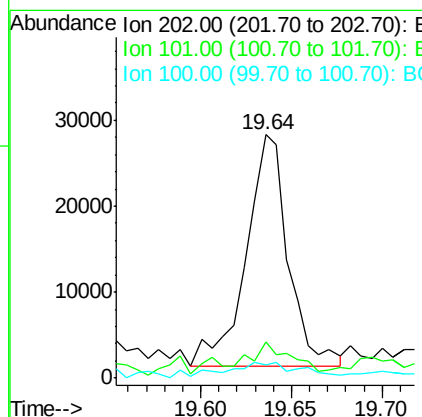
RT: 19.64 min Scan# 2859

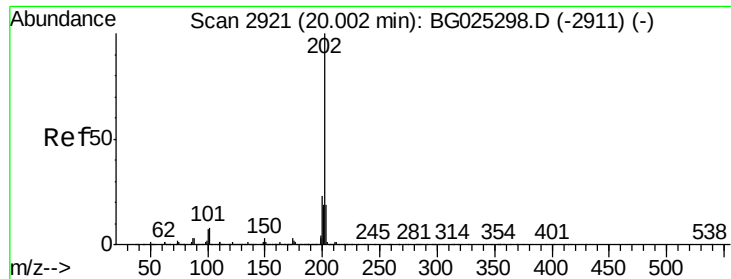
Delta R.T. -0.00 min

Lab File: BG025097.D

Acq: 11 Dec 2016 10:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	6.2	9.2
100	5.3	5.2	7.8





#77
 Pvrene
 Concen: 1.24 ng/ul
 RT: 20.01 min Scan# 2922
 Delta R.T. 0.01 min
 Lab File: BG025097.D
 Acq: 11 Dec 2016 10:18

Instrument :
 BNA_G
 ClientSampleId :
 DA818

Tot Ion	Ion	Ratio	Resp Lower	Upper
202	100			
101	10.2	6.9	10.3	
100	5.7	6.6	10.0	

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:30:06 PM

