

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025291.D
 Acq On : 18 Dec 2016 2:03
 Operator : UM/SJ
 Sample : H5938-03DL 20X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DA825DL

Manual Integrations
 APPROVED

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Quant Time: Dec 18 05:26:24 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 03:57:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	63146	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	250846	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	193165	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	427805	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	595979	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	598240	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	511	0.42	ng/uL	-0.02
5) Phenol-d5	7.41	99	7667	1.41	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	6235	1.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	7489	1.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	7653	1.68	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	4862	2.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	3966	1.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	7217	1.69	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.25	166	23276	1.75	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	31245	2.15	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.85	176	38934	3.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	1825	0.69	ng/ul	0.00
70) Anthracene-d10	17.70	188	36264	2.01	ng/ul	0.00
76) Pyrene-d10	19.97	212	46082	1.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	44727	1.85	ng/ul	0.00

Target Compounds

					Ovalue
11) 2-Methylphenol	8.68	108	7158	1.74	ng/ul 92
16) 4-Methylphenol	9.02	108	27774	6.06	ng/ul 94
24) 2,4-Dimethylphenol	10.22	107	45942m	8.94	ng/ul
28) Naphthalene	11.11	128	181320	15.55	ng/ul 98
34) 2-Methylnaphthalene	12.70	142	308982	33.58	ng/ul 97
40) 1,1'-Biphenyl	13.68	154	70262	6.00	ng/ul# 87
49) Acenaphthene	14.92	153	18319	1.89	ng/ul# 74
53) Dibenzofuran	15.25	168	50883	3.32	ng/ul 96
58) Fluorene	15.89	166	51864	4.16	ng/ul 96
69) Phenanthrene	17.64	178	30678	1.50	ng/ul 95

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

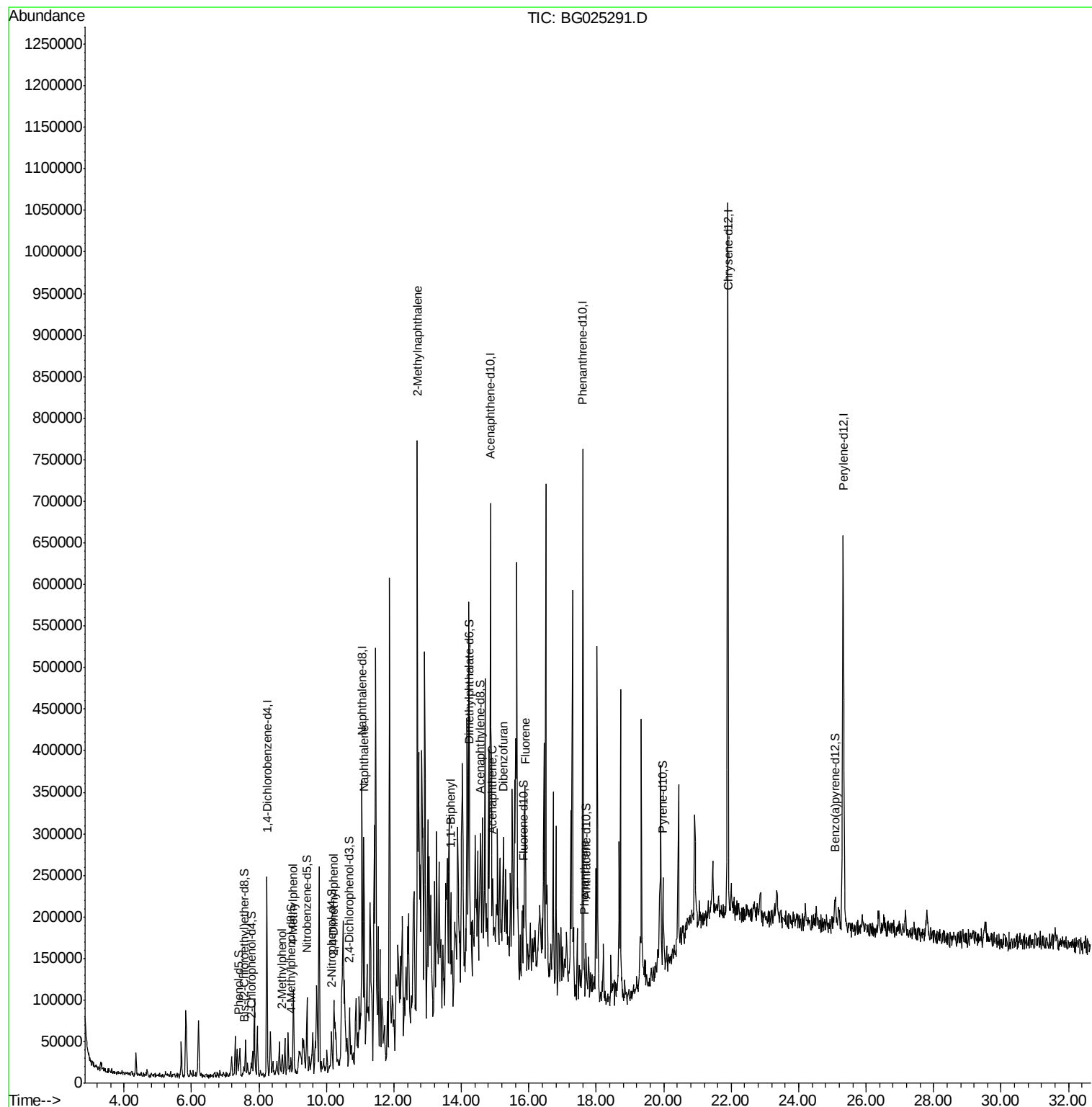
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
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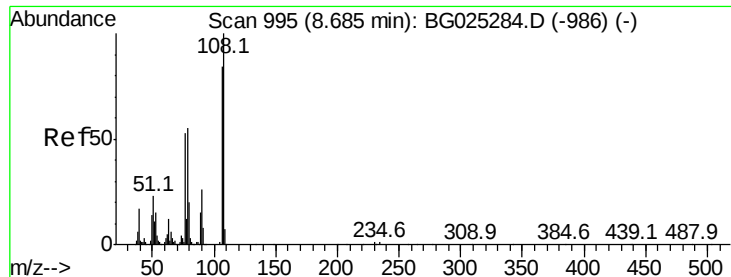
Instrument :
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ClientSampleId :
DA825DL

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration





#11

2-Methylphenol

Concen: 1.74 ng/ul

RT: 8.68 min Scan# 995

Delta R.T. -0.00 min

Lab File: BG025291.D

Acq: 18 Dec 2016 2:03

Instrument :

BNA_G

ClientSampleId :

DA825DL

Tot Ion:108 Resp: 7158

Ion Ratio Lower Upper

108 100

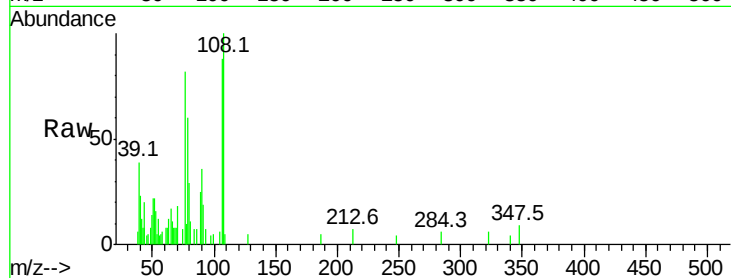
107 87.6 76.7 115.1

Manual Integrations

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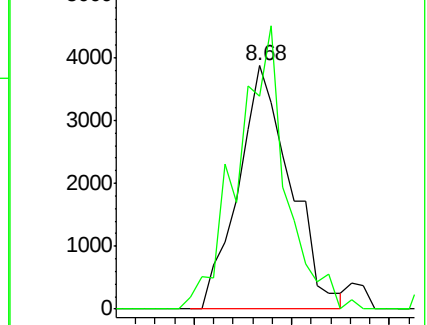
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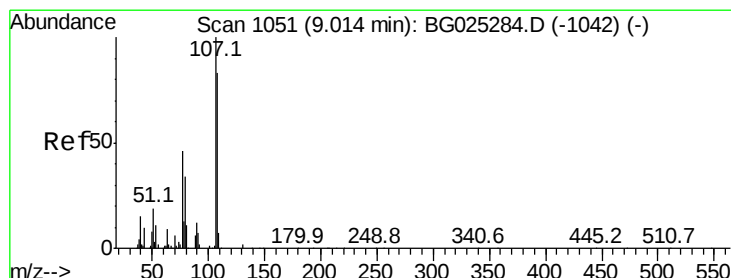
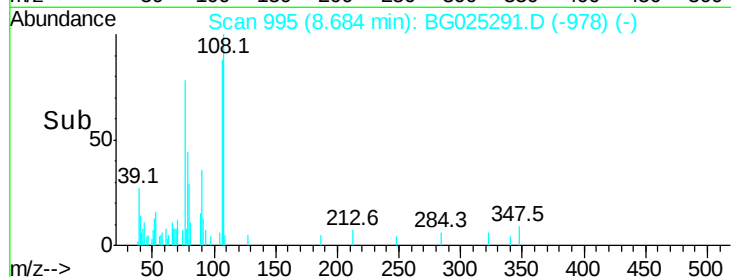


Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



Time-->



#16

4-Methylphenol

Concen: 6.06 ng/ul

RT: 9.02 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BG025291.D

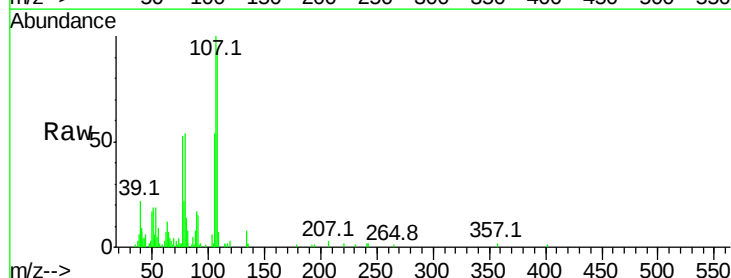
Acq: 18 Dec 2016 2:03

Tgt Ion:108 Resp: 27774

Ion Ratio Lower Upper

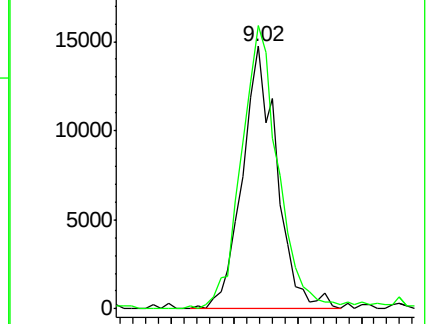
108 100

107 107.9 91.7 137.5

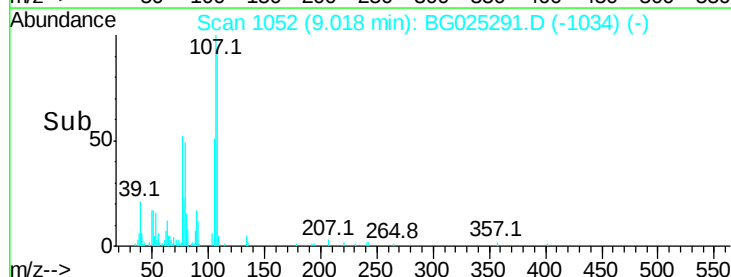


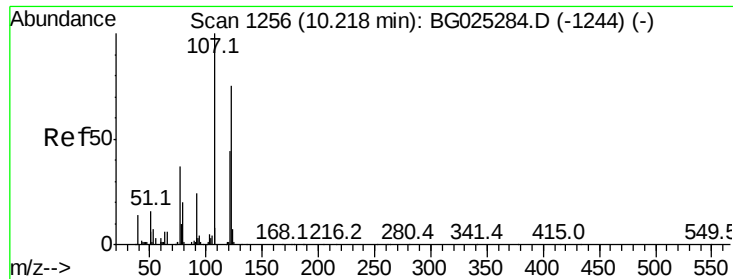
Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



Time-->





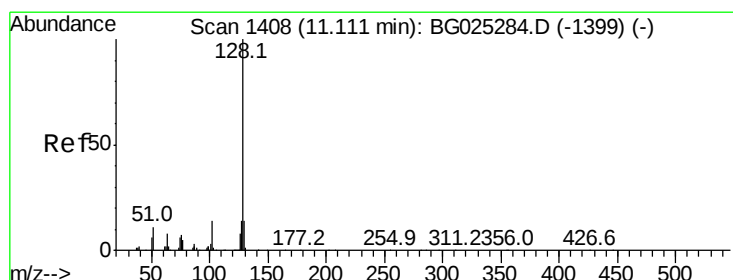
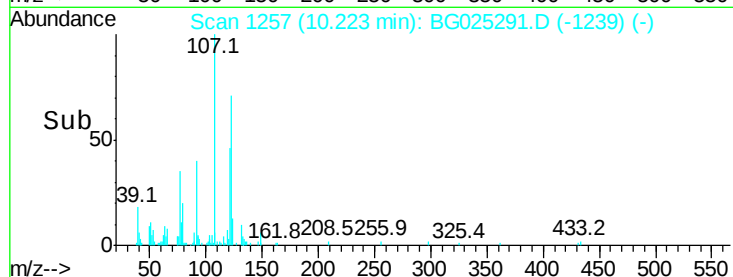
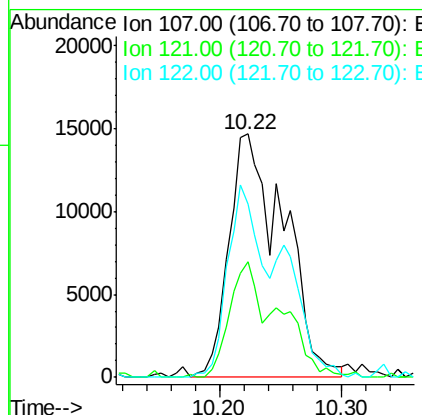
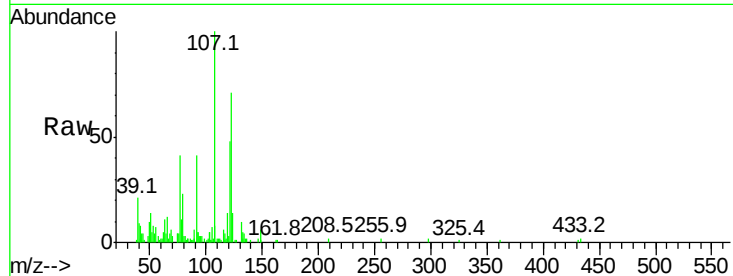
#24
2,4-Dimethylphenol
Concen: 8.94 ng/ul m
RT: 10.22 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG025291.D
Acq: 18 Dec 2016 2:03

Instrument :
BNA_G
ClientSampleId :
DA825DL

Tot Ion	Ratio	Resp Lower	Upper
107	100		
121	47.5	32.3	48.5
122	71.2	61.2	91.8

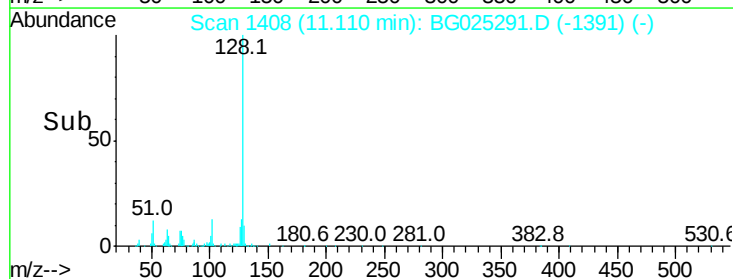
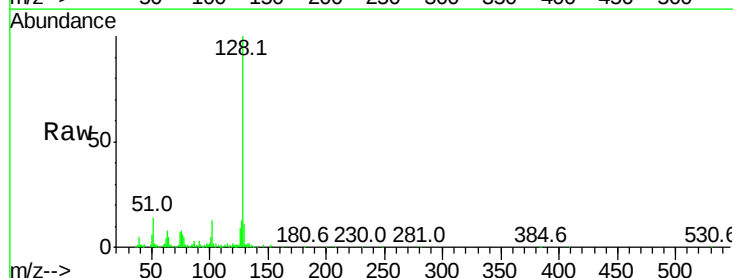
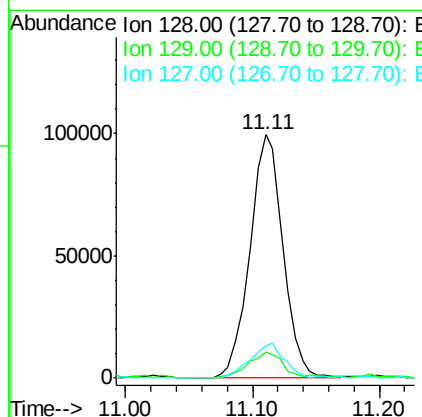
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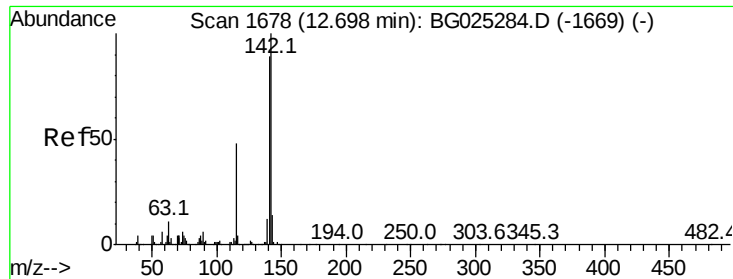
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#28
Naphthalene
Concen: 15.55 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG025291.D
Acq: 18 Dec 2016 2:03

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.4	10.3	15.5





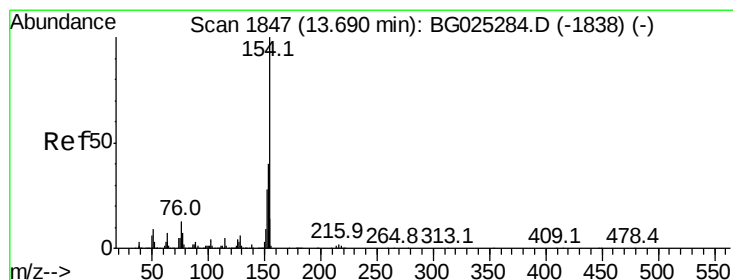
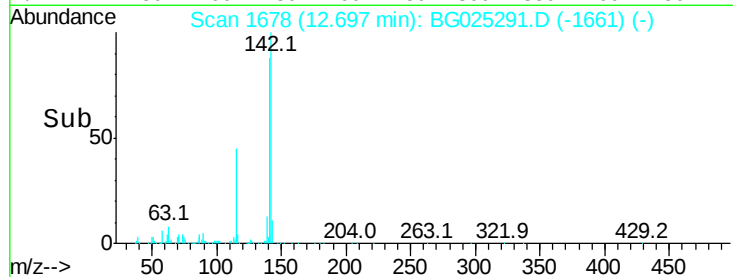
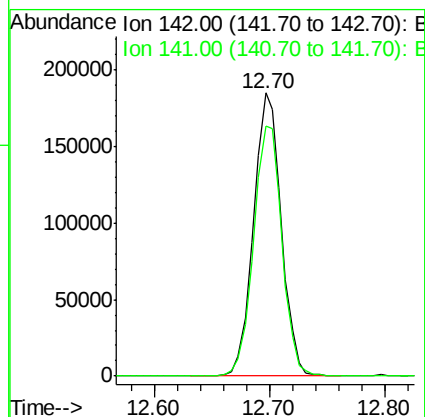
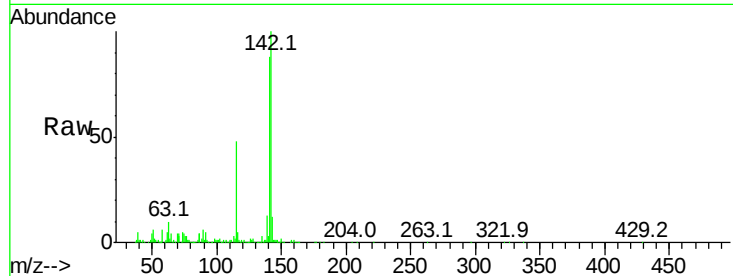
#34
 2-Methylnaphthalene
 Concen: 33.58 ng/ul
 RT: 12.70 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG025291.D
 Acq: 18 Dec 2016 2:03

Instrument :
 BNA_G
 ClientSampleId :
 DA825DL

Tot Ion	Ratio	Resp	Lower	Upper
142	100	308982		
141	88.2	68.6	102.8	

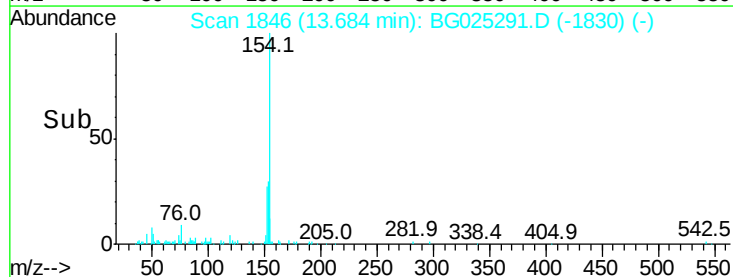
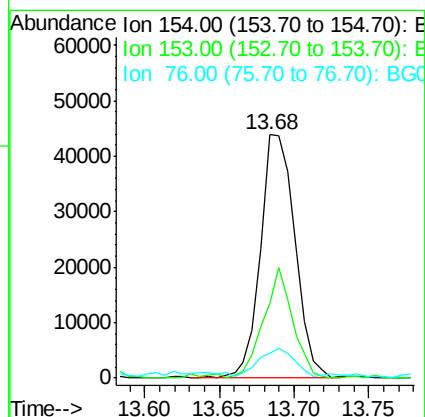
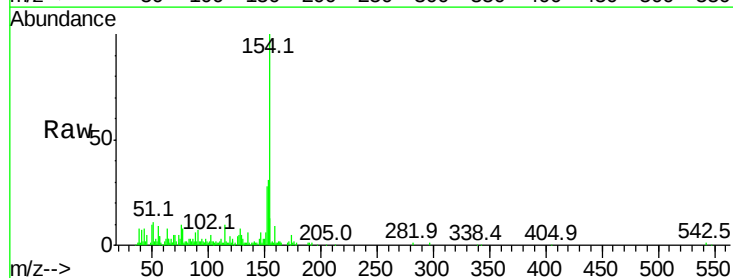
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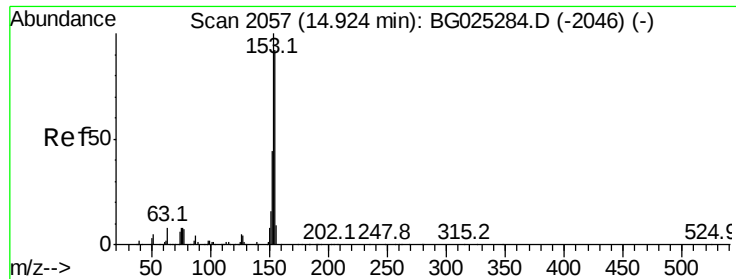
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#40
 1,1'-Biphenyl
 Concen: 6.00 ng/ul
 RT: 13.68 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BG025291.D
 Acq: 18 Dec 2016 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	70262		
153	30.7	32.2	48.2#	
76	10.2	9.6	14.4	





#49

Acenaphthene

Concen: 1.89 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG025291.D

Acq: 18 Dec 2016 2:03

Instrument :

BNA_G

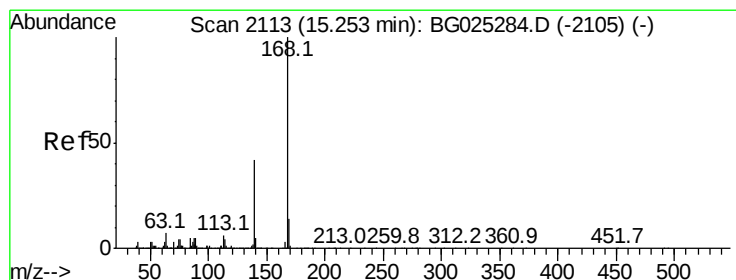
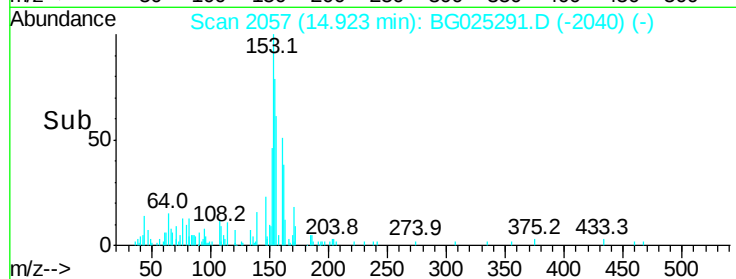
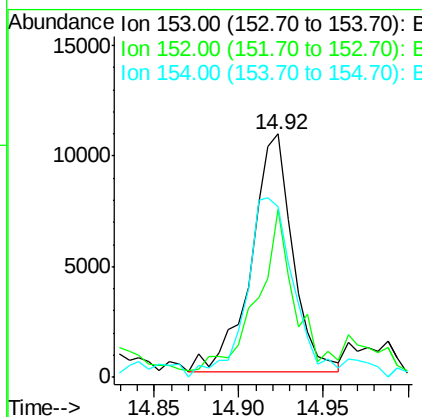
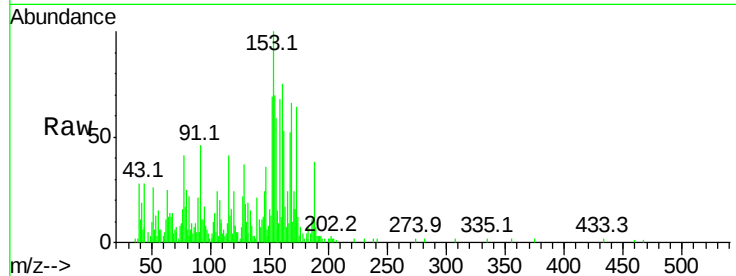
ClientSampleId :

DA825DL

Tot Ion	Ratio	Lower	Upper
153	100		
152	69.1	36.5	54.7#
154	70.2	72.3	108.5#

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#53

Dibenzofuran

Concen: 3.32 ng/ul

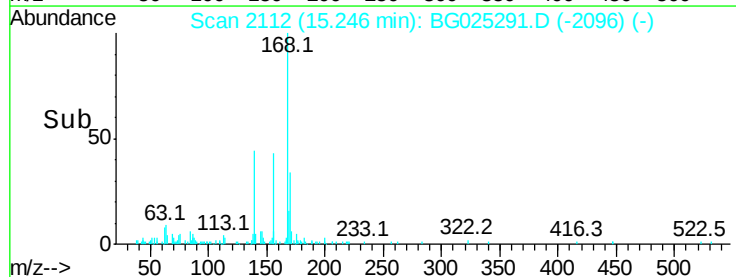
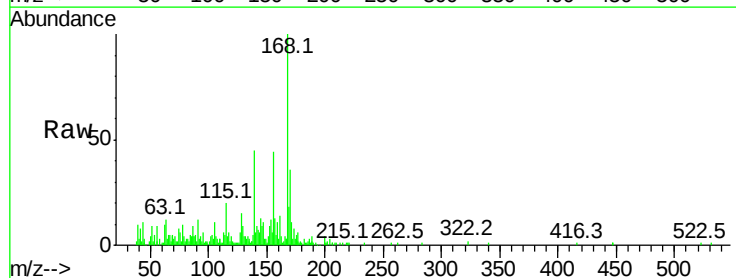
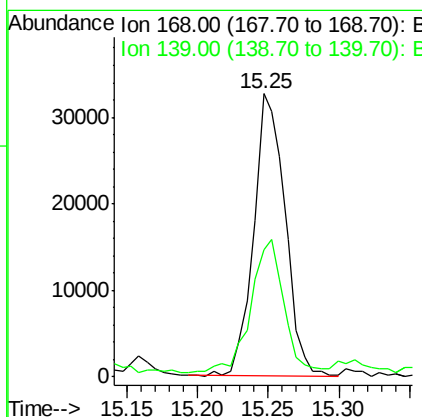
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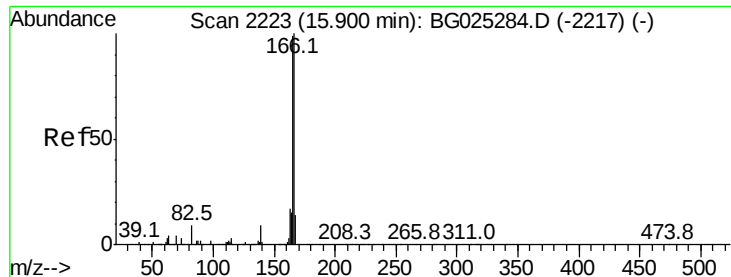
Delta R.T. -0.01 min

Lab File: BG025291.D

Acq: 18 Dec 2016 2:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.1	33.8	50.8





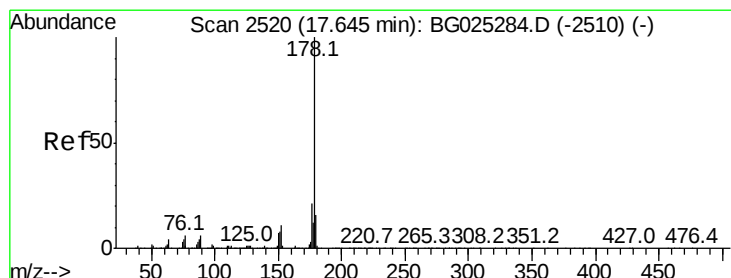
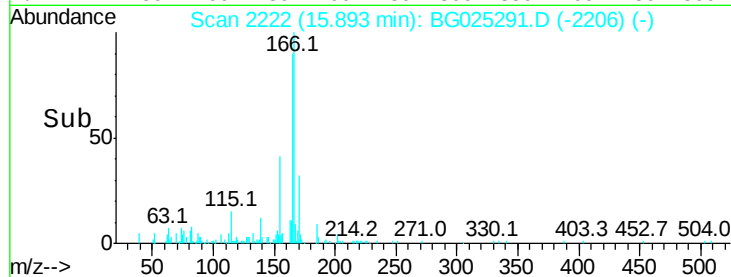
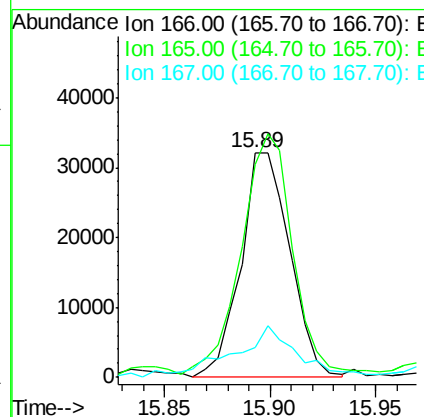
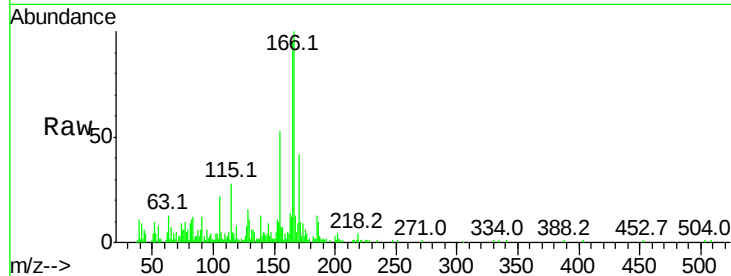
#58
Fluorene
 Concen: 4.16 ng/ul
 RT: 15.89 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG025291.D
 Acq: 18 Dec 2016 2:03

Instrument :
 BNA_G
 ClientSampleId :
 DA825DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.0	79.7	119.5
167	13.1	11.4	17.2

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#69
Phenanthrene
 Concen: 1.50 ng/ul
 RT: 17.64 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BG025291.D
 Acq: 18 Dec 2016 2:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.5	12.4	18.6
176	19.0	16.5	24.7

