

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 :

Quant Time: Dec 18 04:03:33 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	11.20	131	13786	3.29	ng/ul	0.00
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	15.07	143	2847	1.25	ng/ul	-0.02
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

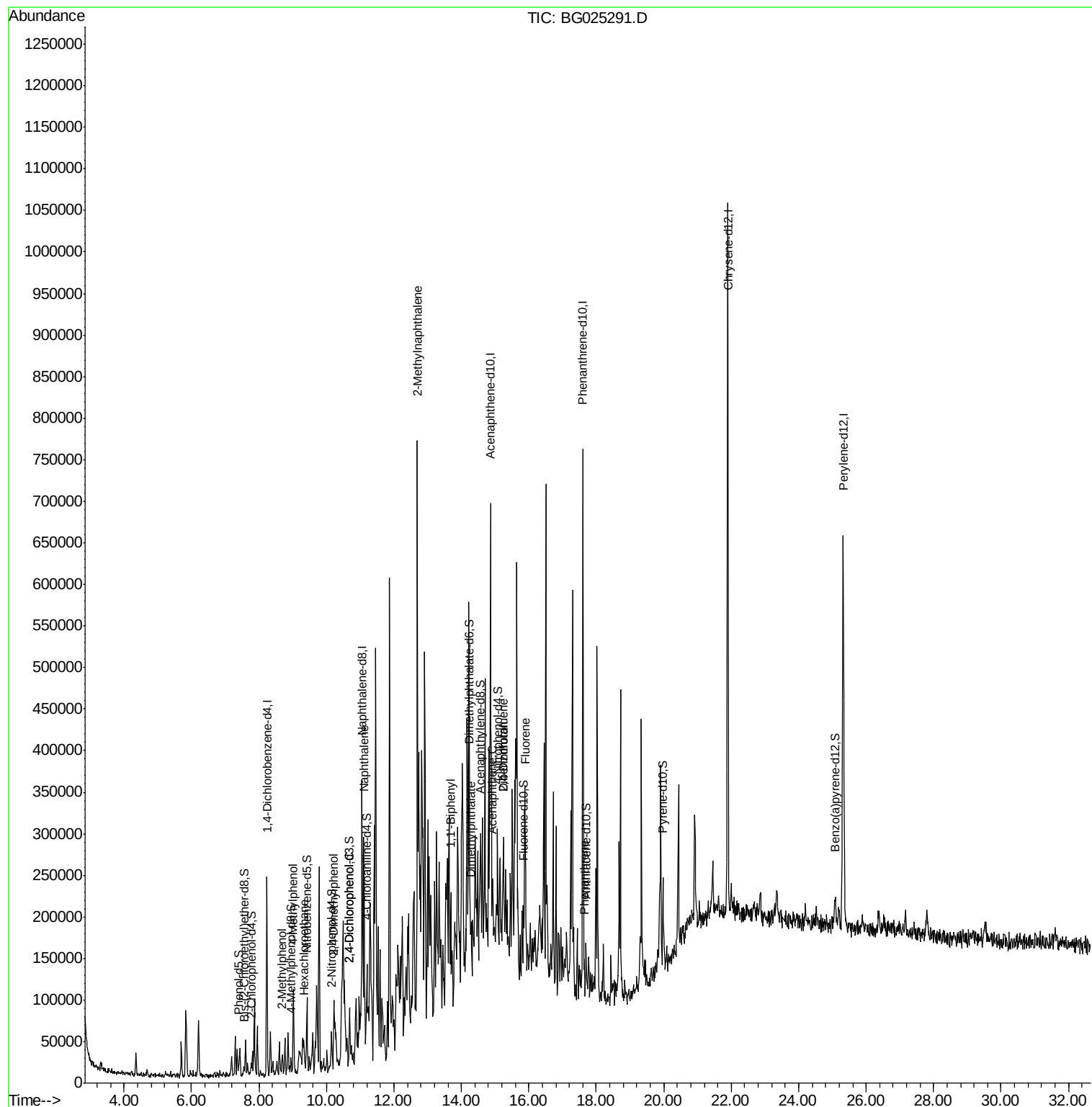
Target Compounds				Ovalue		
11) 2-Methylphenol	8.68	108	7158	1.74	ng/ul	92
16) 4-Methylphenol	9.02	108	27774	6.06	ng/ul	94
17) Hexachloroethane	9.34	117	5490	3.24	ng/ul#	1
24) 2,4-Dimethylphenol	10.22	107	29478	5.74	ng/ul	92
27) 2,4-Dichlorophenol	10.68	162	4514	1.09	ng/ul#	36
28) Naphthalene	11.11	128	181320	15.55	ng/ul	98
34) 2-Methylnaphthalene	12.70	142	308982	33.58	ng/ul	97
40) 1,1'-Biophenyl	13.68	154	70262	6.00	ng/ul#	87
44) Dimethylphthalate	14.29	163	15780	1.21	ng/ul#	94
49) Acenaphthene	14.92	153	18319	1.89	ng/ul#	74
53) Dibenzofuran	15.25	168	50883	3.32	ng/ul	96
54) 2,4-Dinitrotoluene	15.24	165	5152	1.22	ng/ul#	2
58) Fluorene	15.89	166	51864	4.16	ng/ul	96
69) Phenanthrene	17.64	178	30678	1.50	ng/ul	95

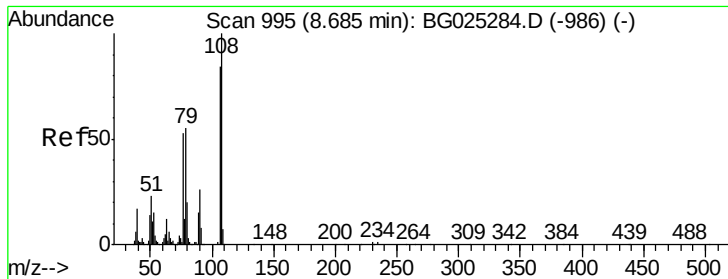
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

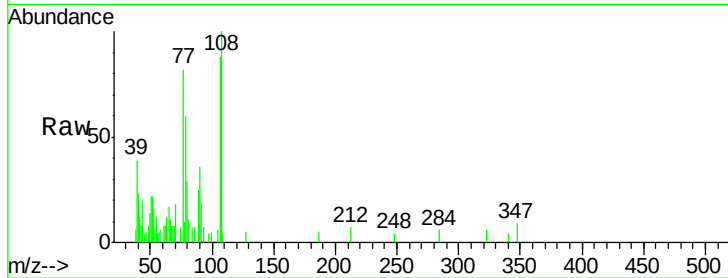
ClientSampled :

Tot Ion:108 Resp: 7158

Ion Ratio Lower Upper

108 100

107 87.6 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

5000

4000

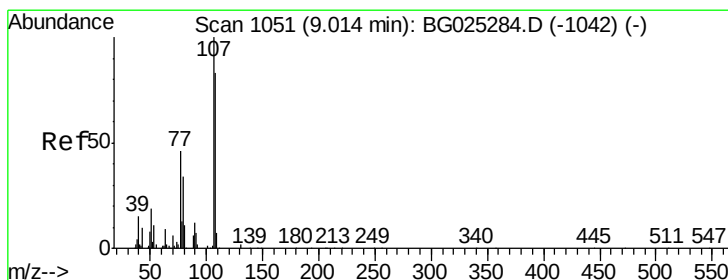
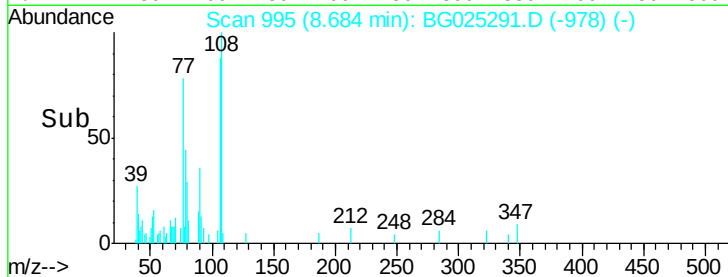
3000

2000

1000

0

Time--> 8.65 8.70 8.75



#16

4-Methylphenol

Concen: 6.06 ng/ul

RT: 9.02 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BG025291.D

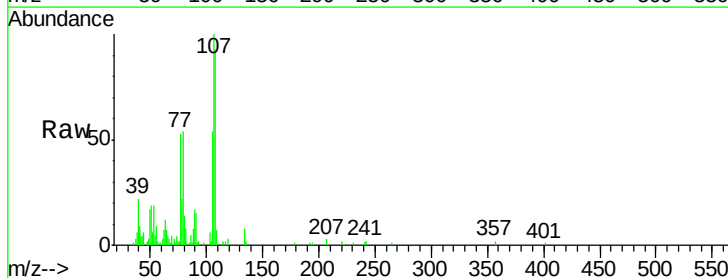
Acq: 18 Dec 2016 2:03

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

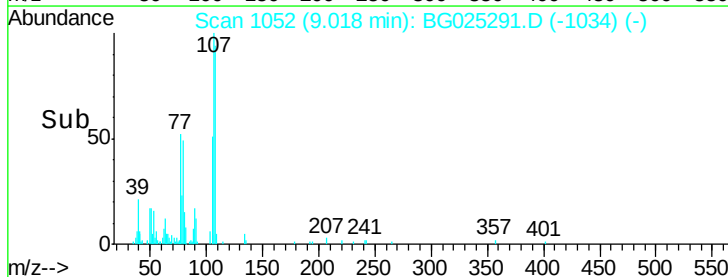
15000

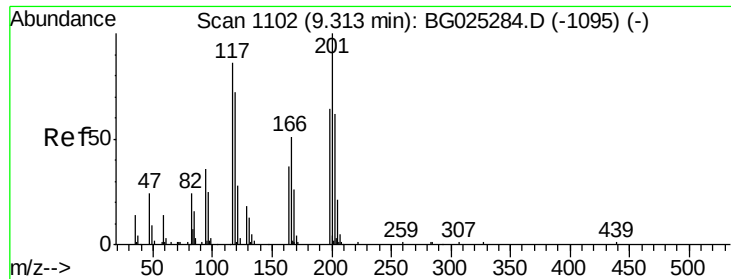
10000

5000

0

Time--> 8.95 9.00 9.05 9.10





#17

Hexachloroethane

Concen: 3.24 ng/ul

RT: 9.34 min Scan# 1106

Delta R.T. 0.02 min

Lab File: BG025291.D

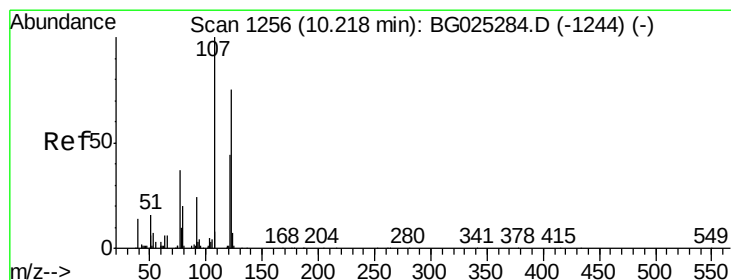
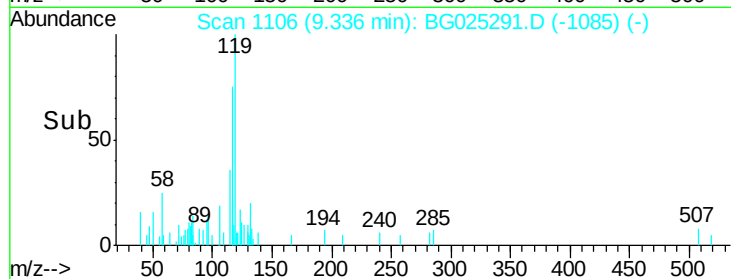
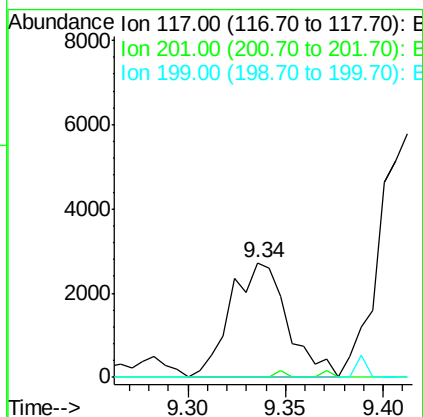
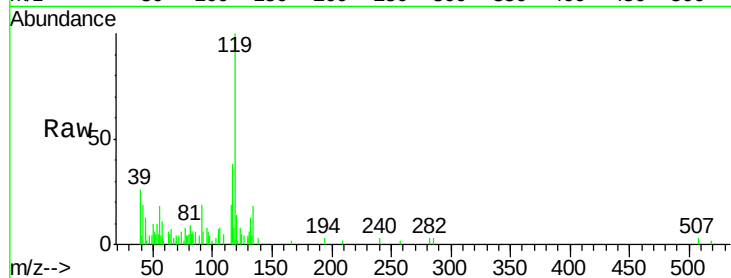
Acq: 18 Dec 2016 2:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
201	0.0	91.9	137.9#
199	0.0	64.3	96.5#



#24

2,4-Dimethylphenol

Concen: 5.74 ng/ul

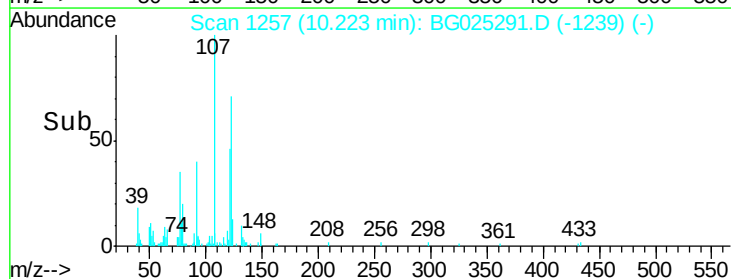
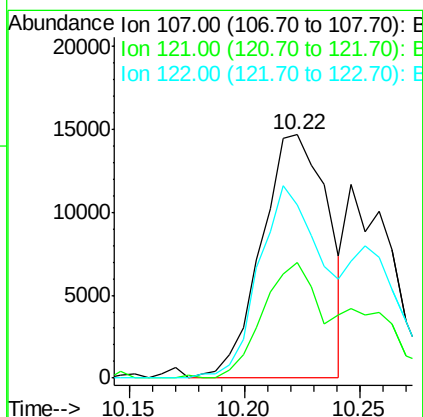
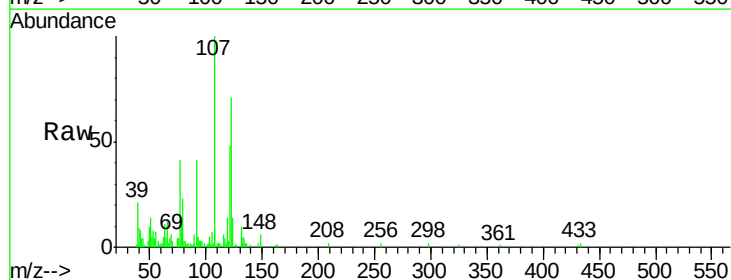
RT: 10.22 min Scan# 1257

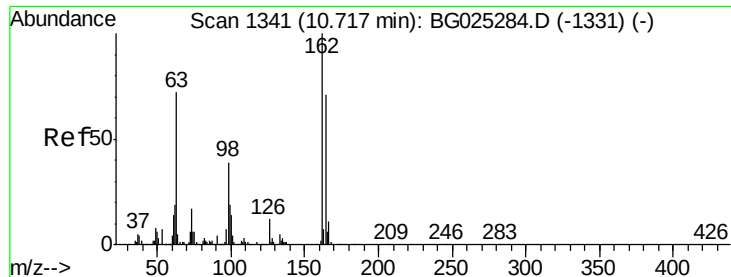
Delta R.T. 0.00 min

Lab File: BG025291.D

Acq: 18 Dec 2016 2:03

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





#27

2,4-Dichlorophenol

Concen: 1.09 ng/ul

RT: 10.68 min Scan# 1335

Delta R.T. -0.04 min

Lab File: BG025291.D

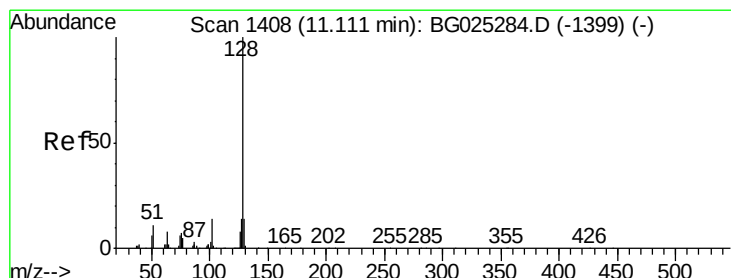
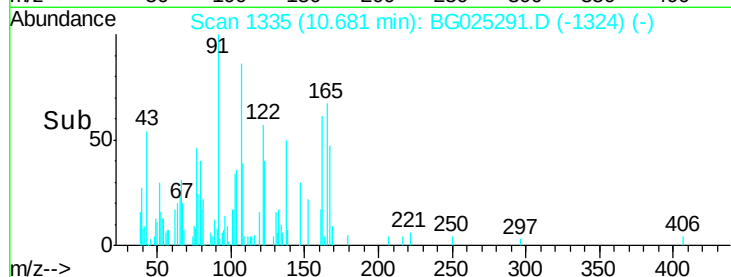
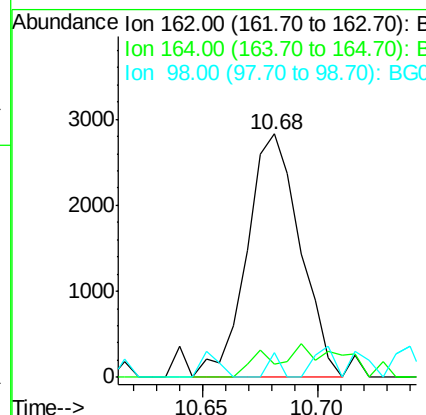
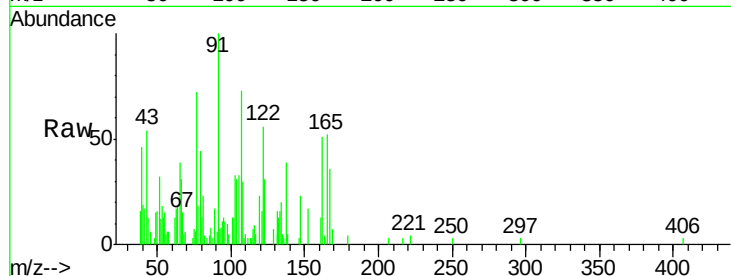
Acq: 18 Dec 2016 2:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	5.6	50.8	76.2#
98	10.0	32.1	48.1#



#28

Naphthalene

Concen: 15.55 ng/ul

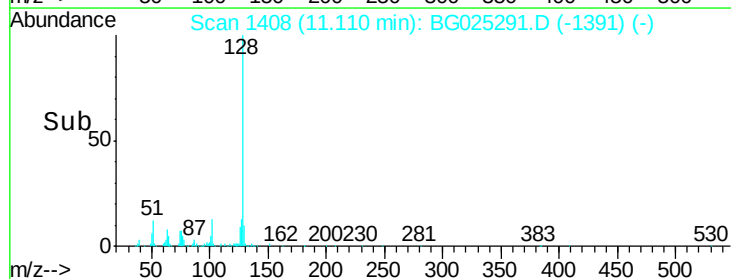
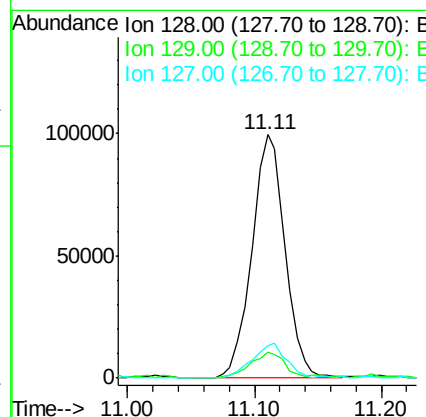
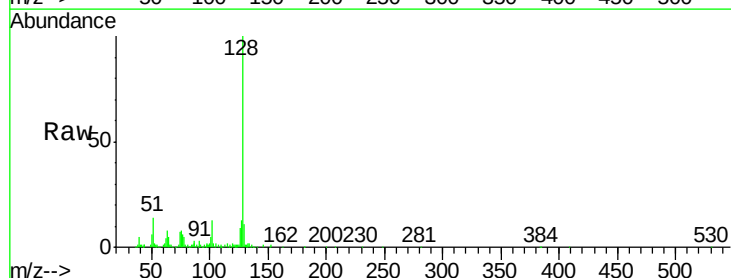
RT: 11.11 min Scan# 1408

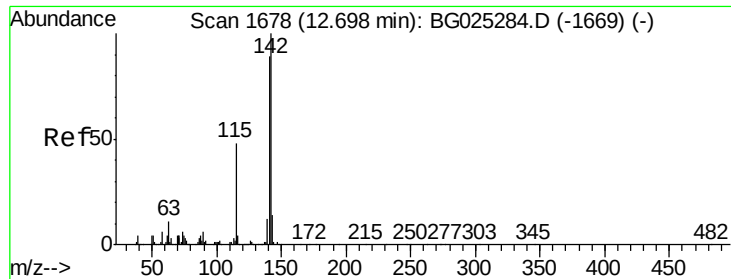
Delta R.T. -0.00 min

Lab File: BG025291.D

Acq: 18 Dec 2016 2:03

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

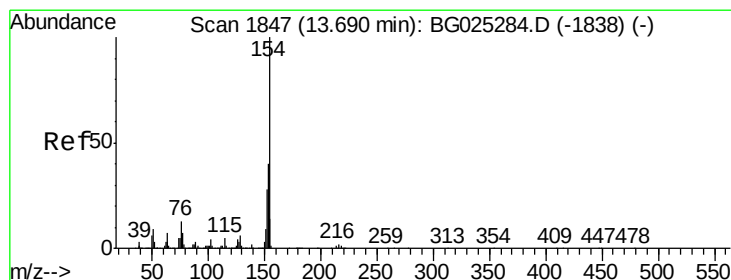
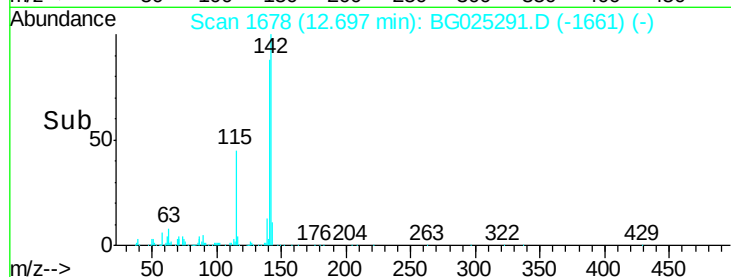
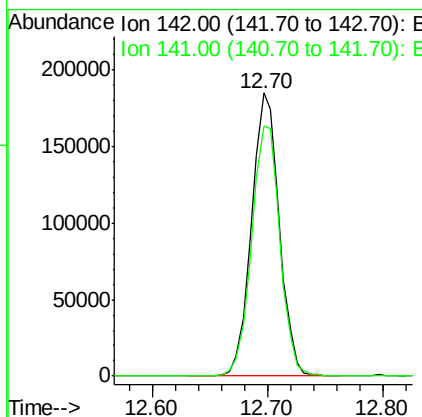
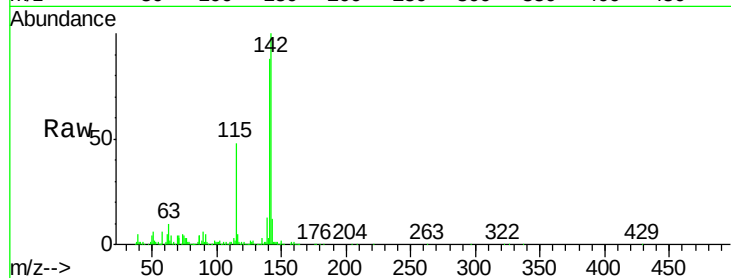




#34
 2-Methylnaphthalene
 Concen: 33.58 ng/ul
 RT: 12.70 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG025291.D
 Acq: 18 Dec 2016 2:03

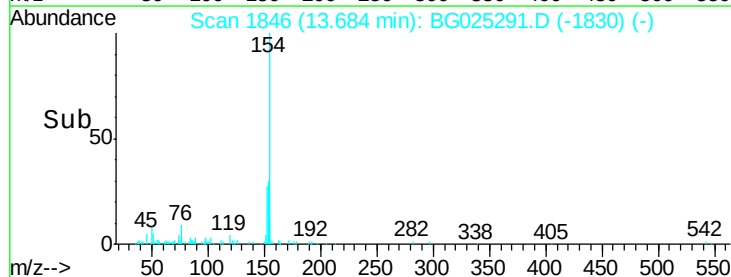
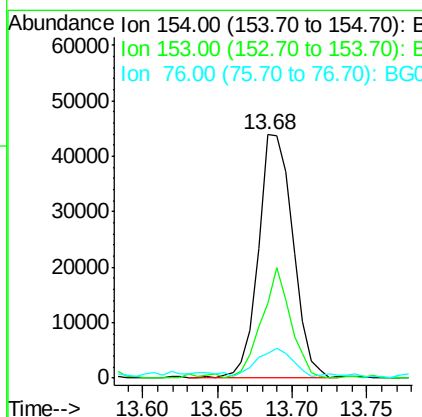
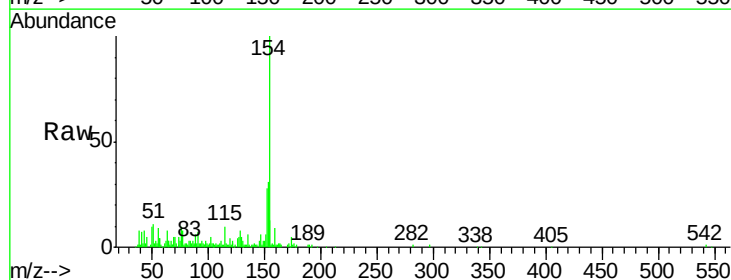
Instrument :
 BNA_G
 ClientSampleId :

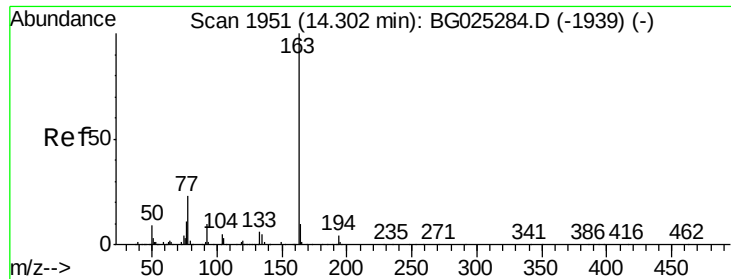
Tot Ion:142 Resp: 308982
 Ion Ratio Lower Upper
 142 100
 141 88.2 68.6 102.8



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





#44

Dimethylphthalate

Concen: 1.21 ng/ul

RT: 14.29 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG025291.D

Acq: 18 Dec 2016 2:03

Instrument :

BNA_G

ClientSampleId :

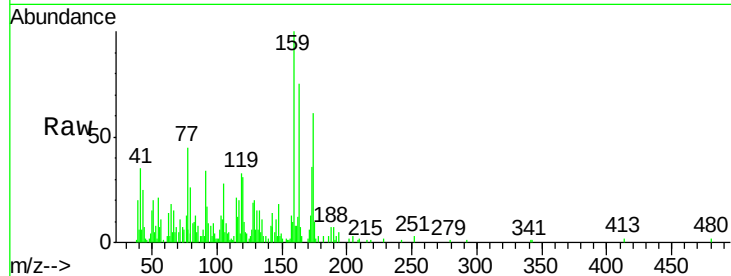
Tot Ion:163 Resp: 15780

Ion Ratio Lower Upper

163 100

194 6.1 3.4 5.0#

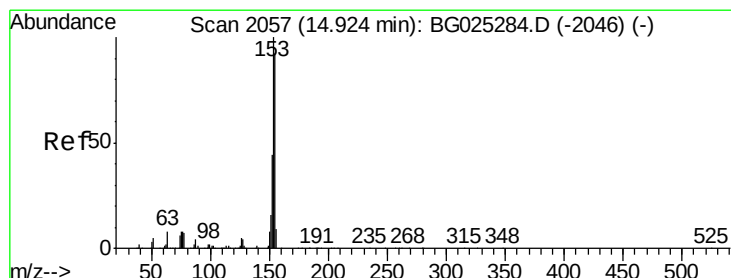
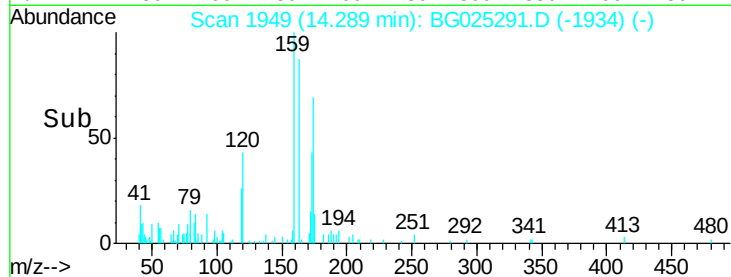
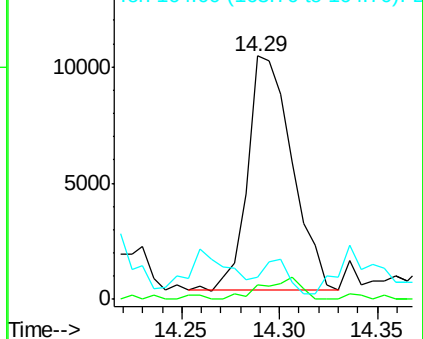
164 9.1 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#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

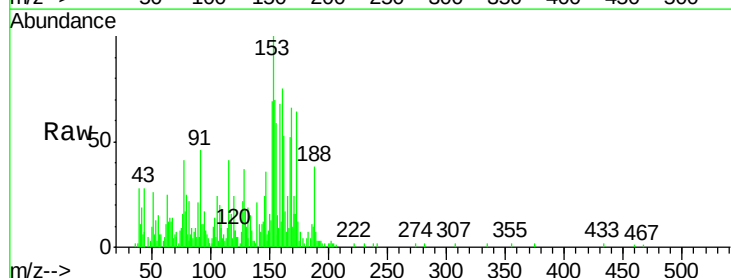
Tgt Ion:153 Resp: 18319

Ion Ratio Lower Upper

153 100

152 69.1 36.5 54.7#

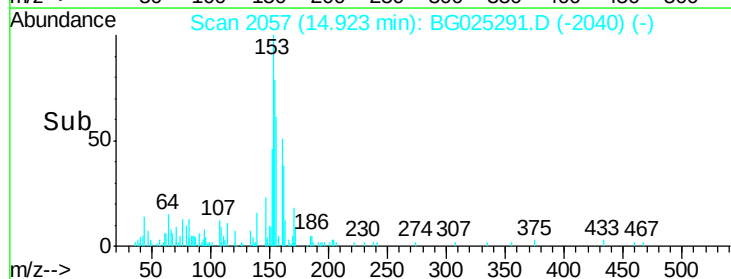
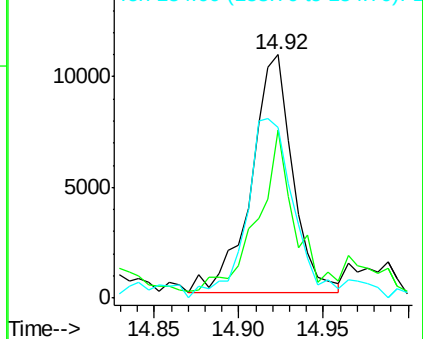
154 70.2 72.3 108.5#

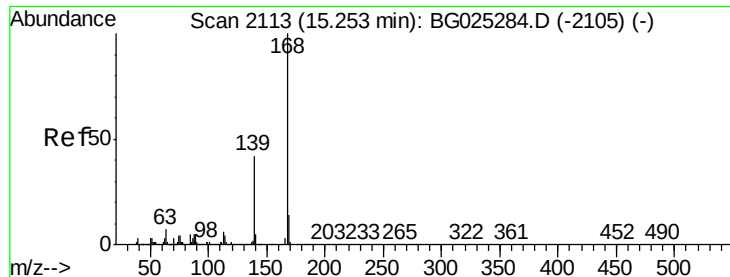


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 3.32 ng/ul

RT: 15.25 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BG025291.D

Acq: 18 Dec 2016 2:03

Instrument :

BNA_G

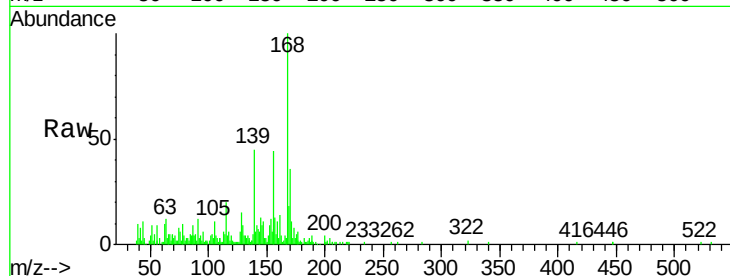
ClientSampleId :

Tot Ion:168 Resp: 50883

Ion Ratio Lower Upper

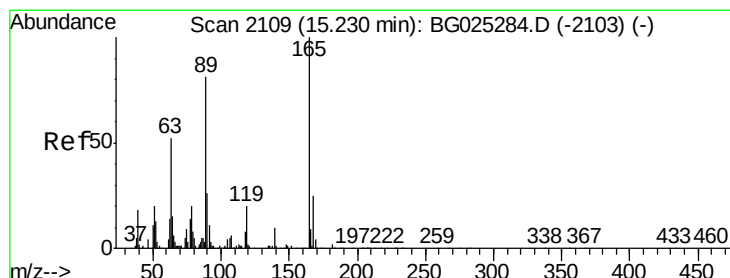
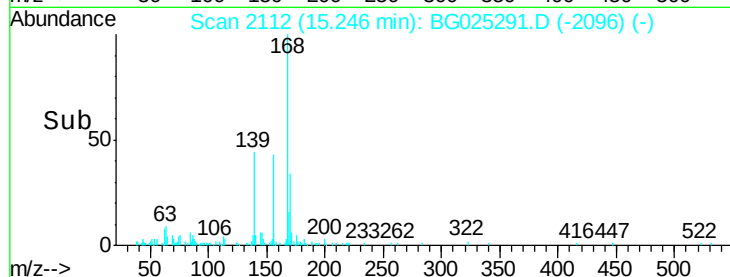
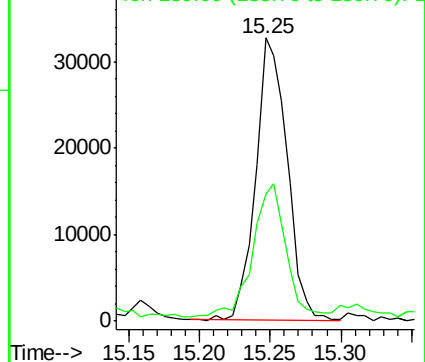
168 100

139 45.1 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 1.22 ng/ul

RT: 15.24 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BG025291.D

Acq: 18 Dec 2016 2:03

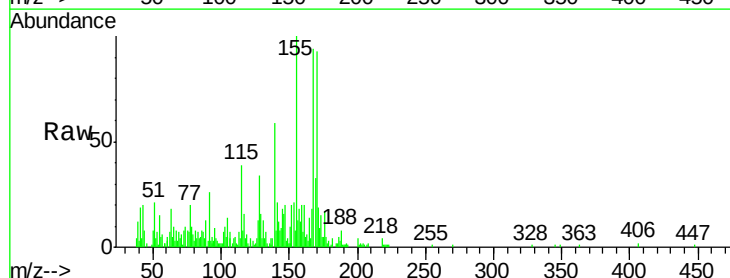
Tgt Ion:165 Resp: 5152

Ion Ratio Lower Upper

165 100

63 132.3 46.8 70.2#

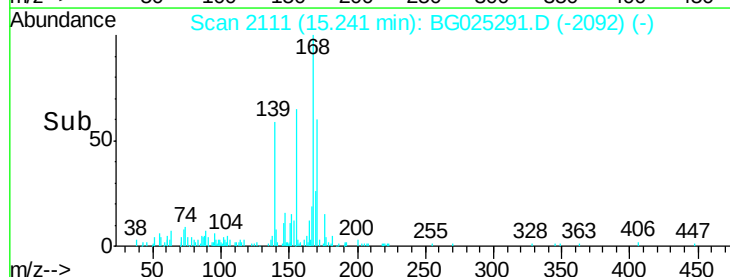
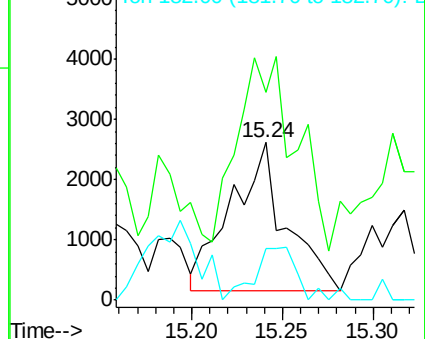
182 32.9 1.8 2.6#

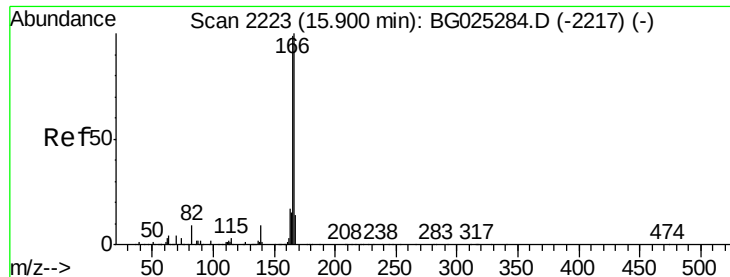


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E





#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 :

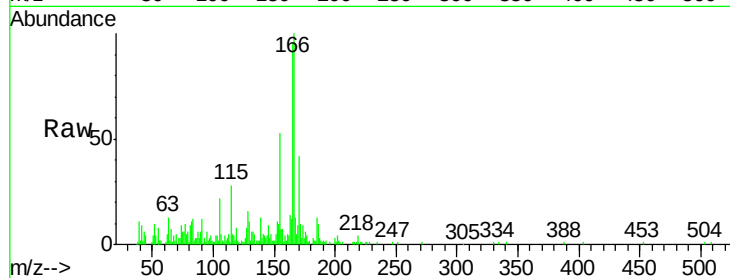
Tot Ion:166 Resp: 51864

Ion Ratio Lower Upper

166 100

165 95.0 79.7 119.5

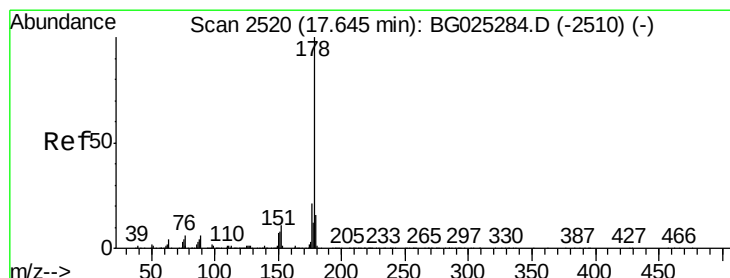
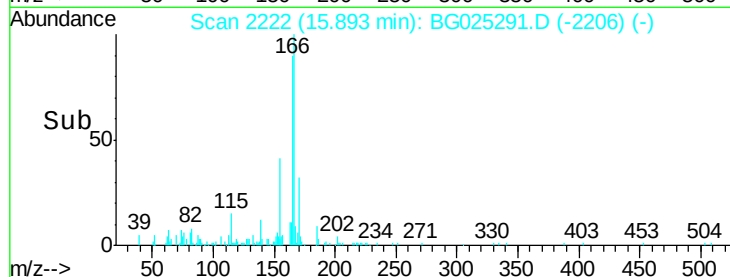
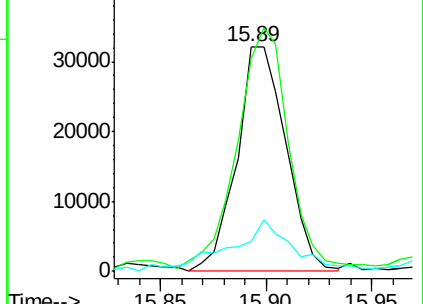
167 13.1 11.4 17.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#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

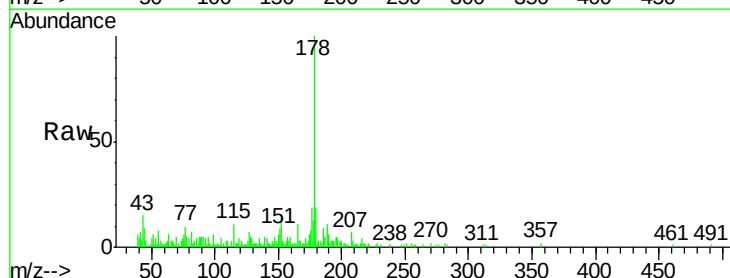
Tgt Ion:178 Resp: 30678

Ion Ratio Lower Upper

178 100

179 18.5 12.4 18.6

176 19.0 16.5 24.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

