

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
 Data File : BG025653.D
 Acq On : 26 Jan 2017 4:12
 Operator : SJ/MA
 Sample : I1387-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA9Q8

Manual Integrations
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 1/26/2017 5:11:53 PM

Quant Time: Jan 26 10:21:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 18:08:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	93897	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	416484	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	333931	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	688850	20.00	ng/ul	0.02
75) Chrysene-d12	21.85	240	766331	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	790289	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	2458	1.31	ng/uL	0.00
5) Phenol-d5	7.36	99	55201	6.86	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.49	67	192664	37.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	166365	29.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	123783	18.09	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	116717	39.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	145084	41.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	243159	34.99	ng/ul	0.01
29) 4-Chloroaniline-d4	11.13	131	1204	0.15	ng/ul	-0.02
43) Dimethylphthalate-d6	14.20	166	861125	36.52	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	1017826	39.96	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	30453m	9.42	ng/ul	0.04
57) Fluorene-d10	15.80	176	781446	35.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.66	188	1148974	39.17	ng/ul	0.01
76) Pyrene-d10	19.94	212	1285801	40.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	1311470	39.48	ng/ul	0.01

Target Compounds

						Ovalue
21) Isophorone	9.91	82	316562	17.83	ng/ul	96
28) Naphthalene	11.06	128	3415414m	177.62	ng/ul	
34) 2-Methylnaphthalene	12.65	142	620481	39.53	ng/ul	90
39) 2,4,5-Trichlorophenol	13.35	196	234322	36.71	ng/ul	98
40) 1,1'-Biphenyl	13.64	154	156655	7.57	ng/ul	94
49) Acenaphthene	14.87	153	35147m	1.99	ng/ul	
53) Dibenzofuran	15.21	168	454523	16.74	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.44	232	508543m	75.29	ng/ul	
58) Fluorene	15.85	166	69762	3.15	ng/ul#	96
68) Pentachlorophenol	17.26	266	9679585	2561.37	ng/ul#	66
69) Phenanthrene	17.61	178	624071	18.64	ng/ul	99
72) Carbazole	17.97	167	777233	27.84	ng/ul	99
74) Fluoranthene	19.60	202	47518	1.20	ng/ul#	97

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

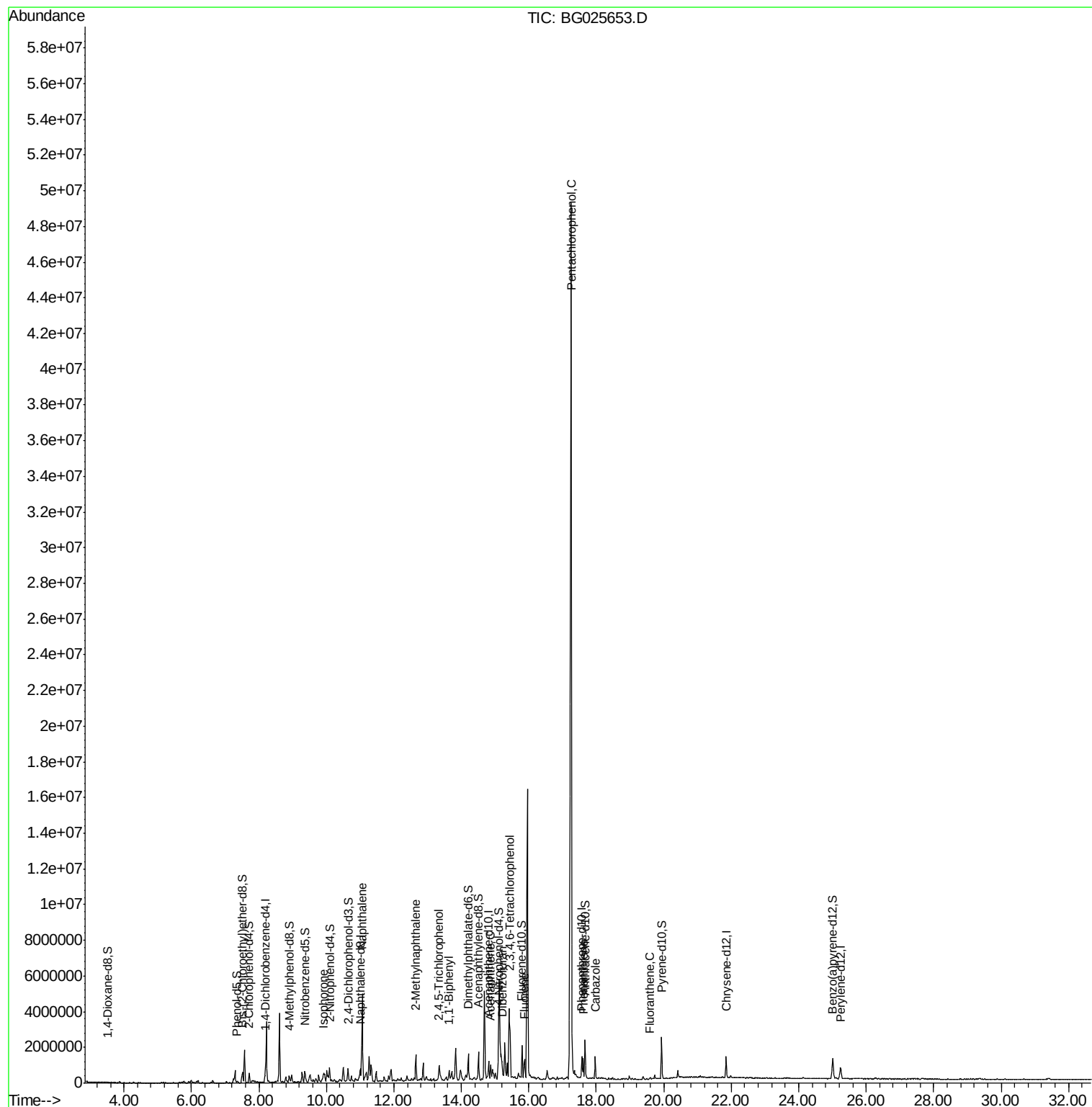
Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

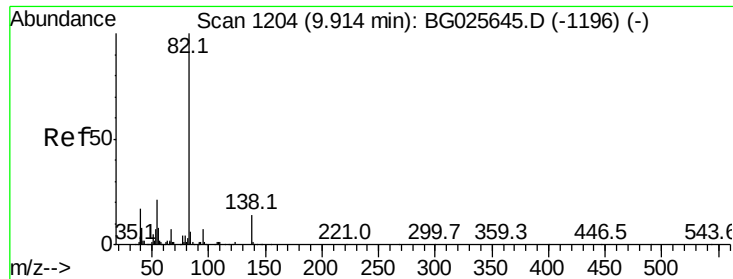
Instrument :
BNA_G
ClientSampleId :
DA9Q8

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Quant Time: Jan 26 10:21:03 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 18:08:33 2017
Response via : Initial Calibration





#21

Isophorone

Concen: 17.83 ng/ul

RT: 9.91 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BG025653.D

Acq: 26 Jan 2017 4:12

Instrument :

BNA_G

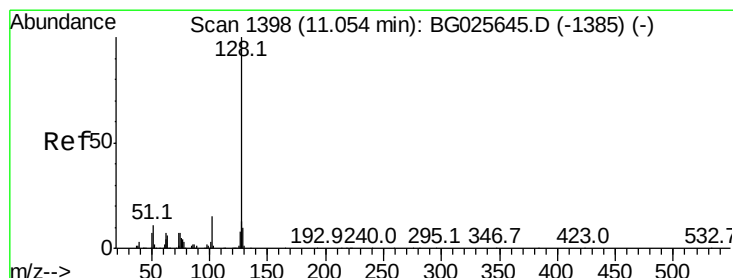
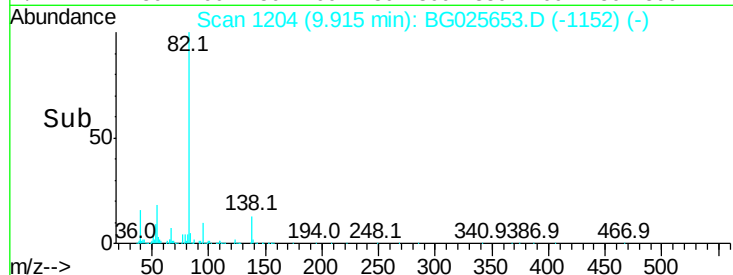
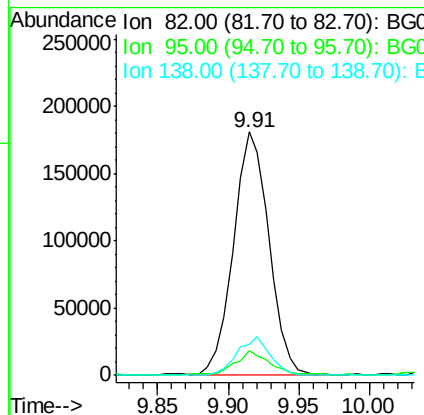
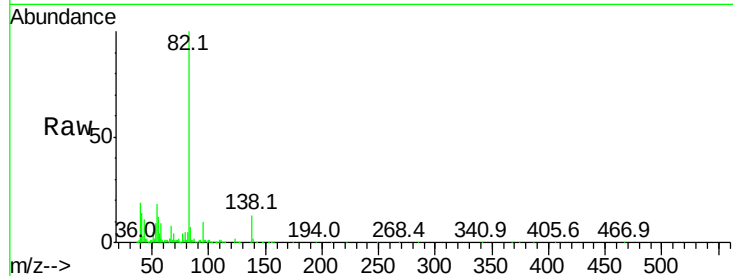
ClientSampleId :

DA9Q8

Tot Ion:	82	Resp:	316562
Ion Ratio	Lower	Upper	
82	100		
95	10.4	7.8	11.6
138	13.0	12.2	18.2

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#28

Naphthalene

Concen: 177.62 ng/ul m

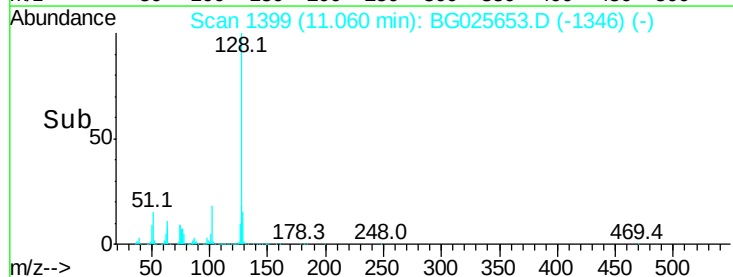
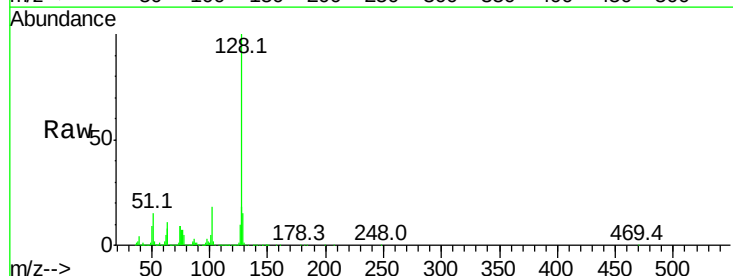
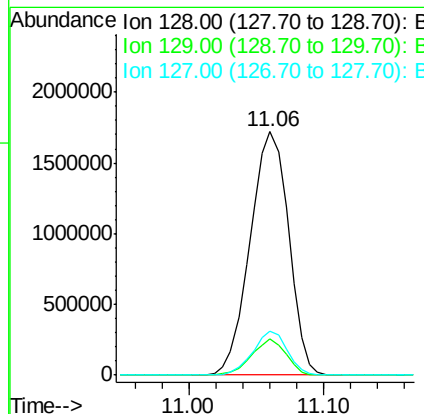
RT: 11.06 min Scan# 1399

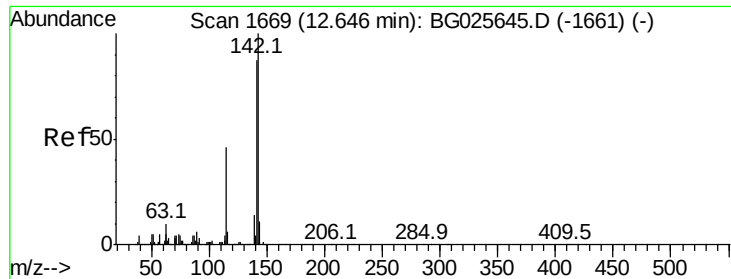
Delta R.T. 0.01 min

Lab File: BG025653.D

Acq: 26 Jan 2017 4:12

Tgt Ion:	128	Resp:	3415414
Ion Ratio	Lower	Upper	
128	100		
129	15.0	9.4	14.2#
127	17.9	10.3	15.5#





#34

2-Methylnaphthalene

Concen: 39.53 ng/ul

RT: 12.65 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG025653.D

Acq: 26 Jan 2017 4:12

Instrument :

BNA_G

ClientSampleId :

DA9Q8

Tot Ion:142 Resp: 620481

Ion Ratio Lower Upper

142 100

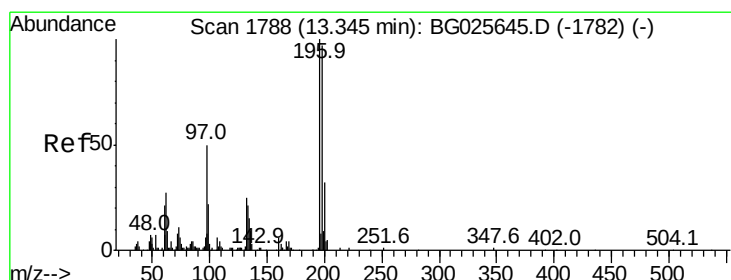
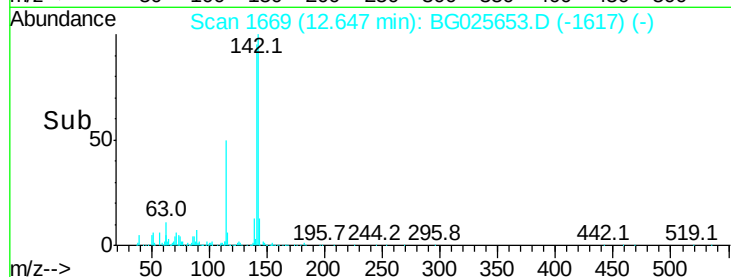
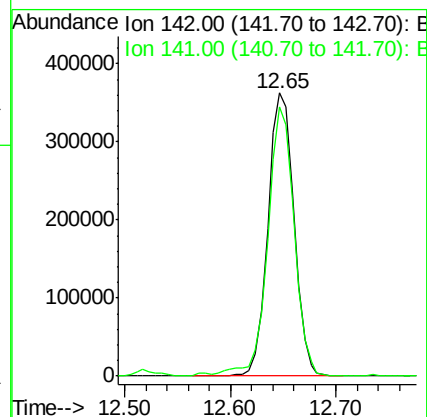
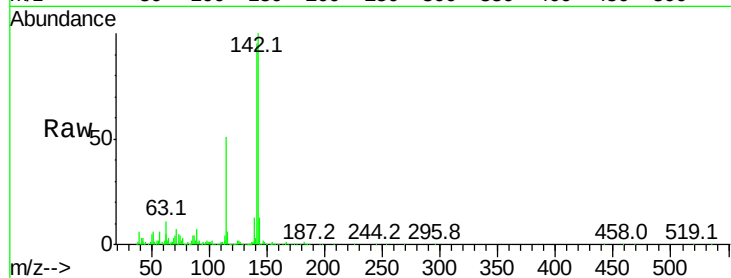
141 95.3 68.6 102.8

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#39

2,4,5-Trichlorophenol

Concen: 36.71 ng/ul

RT: 13.35 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BG025653.D

Acq: 26 Jan 2017 4:12

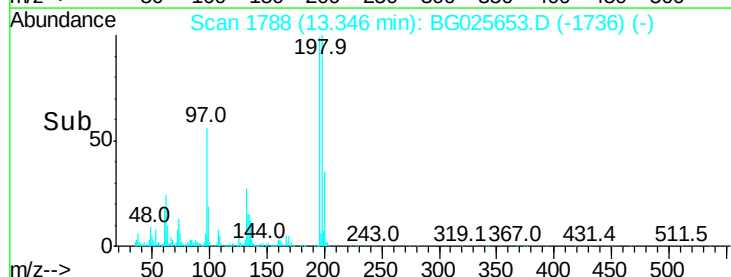
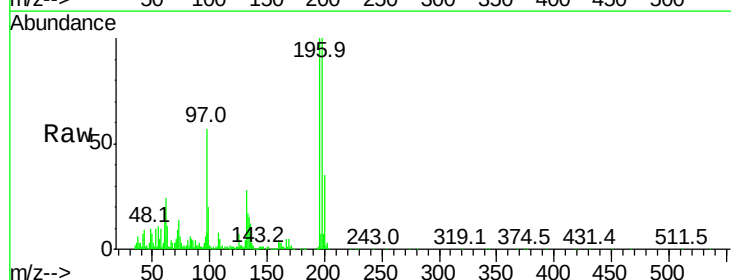
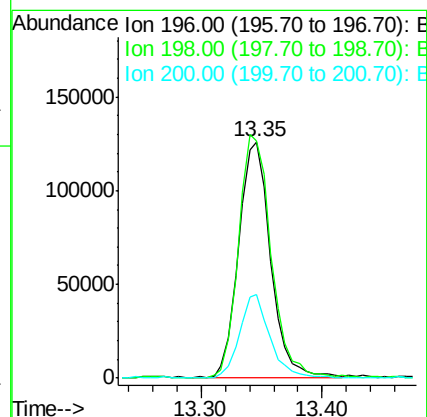
Tgt Ion:196 Resp: 234322

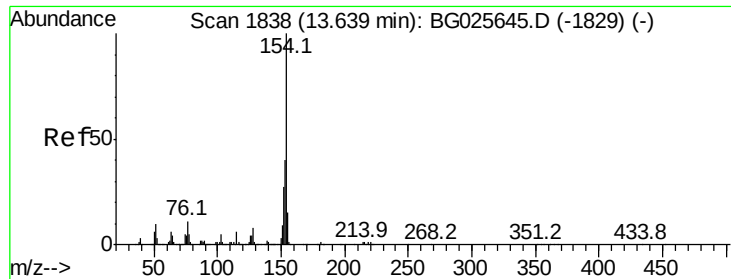
Ion Ratio Lower Upper

196 100

198 100.2 78.6 118.0

200 35.3 27.3 40.9





#40

1,1'-Biphenyl

Concen: 7.57 ng/ul

RT: 13.64 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG025653.D

Acq: 26 Jan 2017 4:12

Instrument :

BNA_G

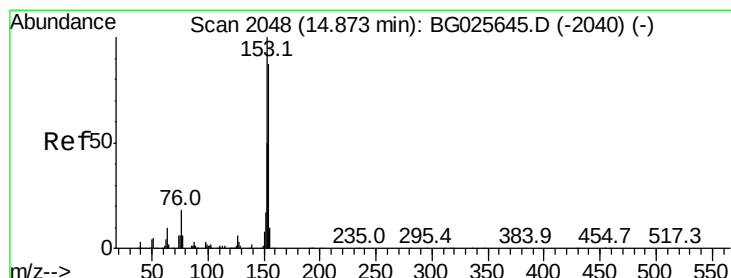
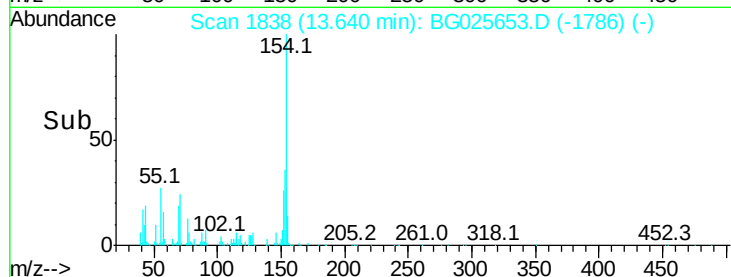
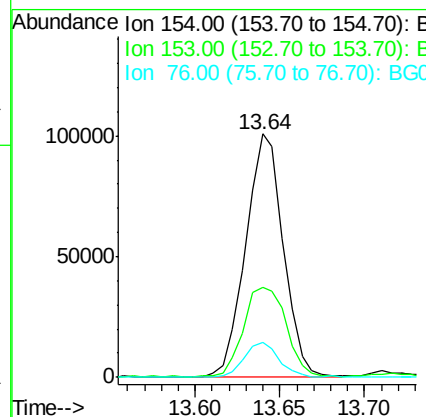
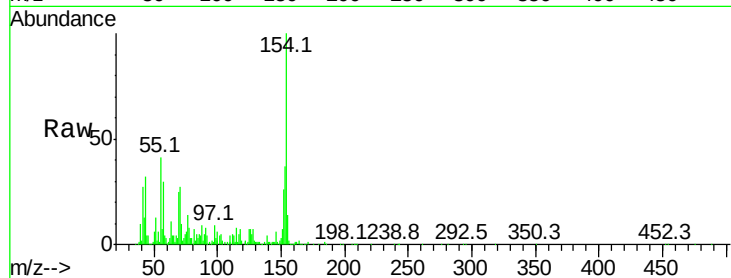
ClientSampled :

DA9Q8

Tot Ion:	154	Resp:	156655
Ion Ratio	Lower	Upper	
154	100		
153	36.8	32.2	48.2
76	14.3	9.6	14.4

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#49

Acenaphthene

Concen: 1.99 ng/ul m

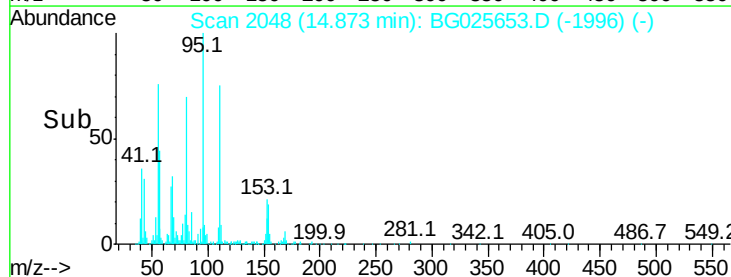
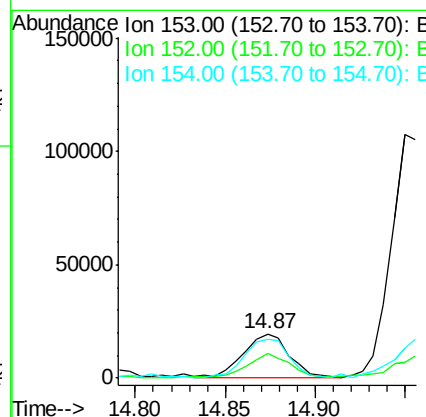
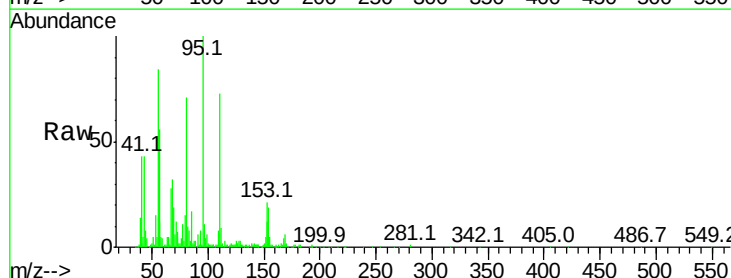
RT: 14.87 min Scan# 2048

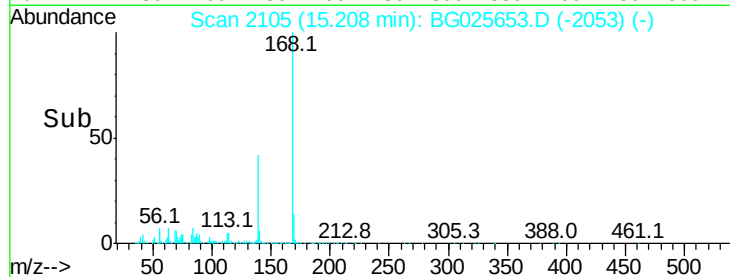
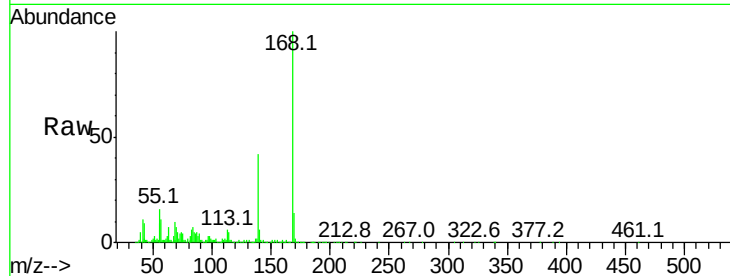
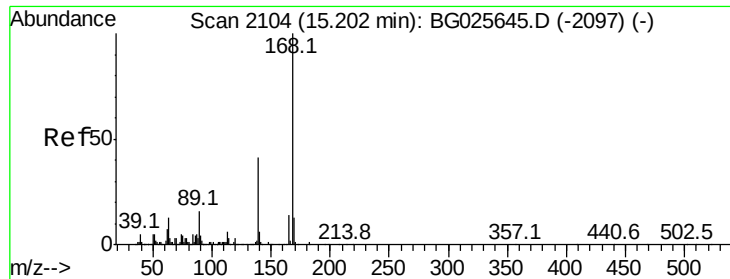
Delta R.T. 0.00 min

Lab File: BG025653.D

Acq: 26 Jan 2017 4:12

Tgt Ion:	153	Resp:	35147
Ion Ratio	Lower	Upper	
153	100		
152	56.4	36.5	54.7#
154	88.7	72.3	108.5





#53

Dibenzofuran

Concen: 16.74 ng/ul

RT: 15.21 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BG025653.D

Acq: 26 Jan 2017 4:12

Tot Ion:168 Resp: 454523

Ion Ratio Lower Upper

168 100

139 42.3 33.8 50.8

Instrument :

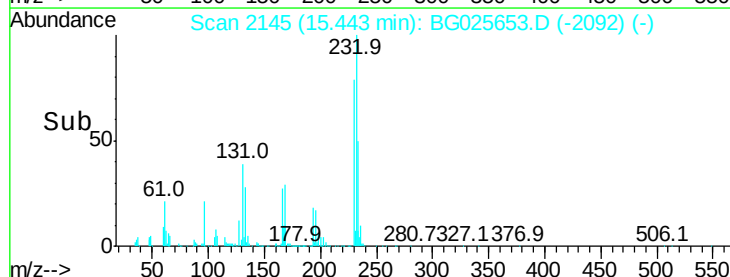
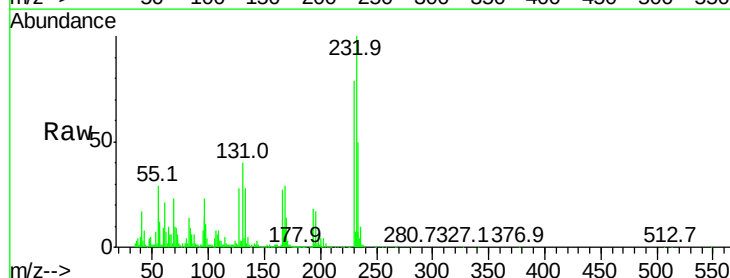
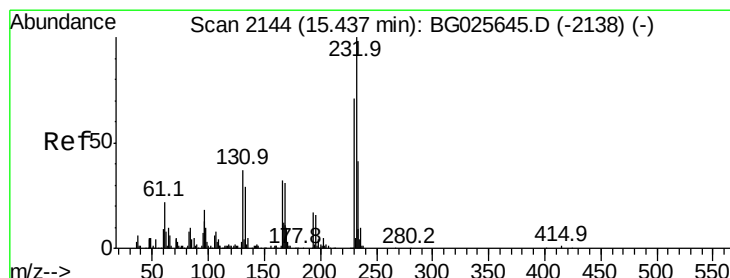
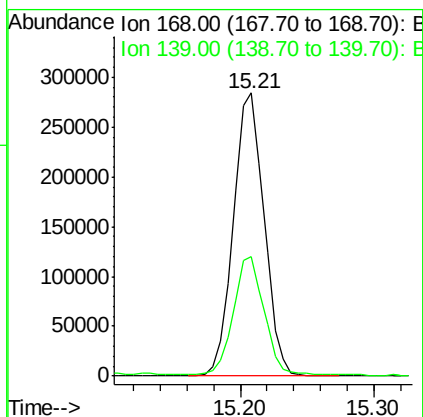
BNA_G

ClientSampleId :

DA9Q8

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#55

2,3,4,6-Tetrachlorophenol

Concen: 75.29 ng/ul m

RT: 15.44 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BG025653.D

Acq: 26 Jan 2017 4:12

Tgt Ion:232 Resp: 508543

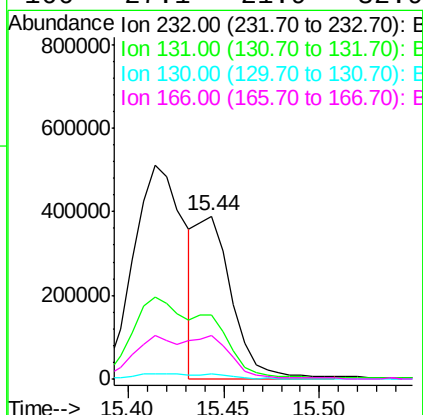
Ion Ratio Lower Upper

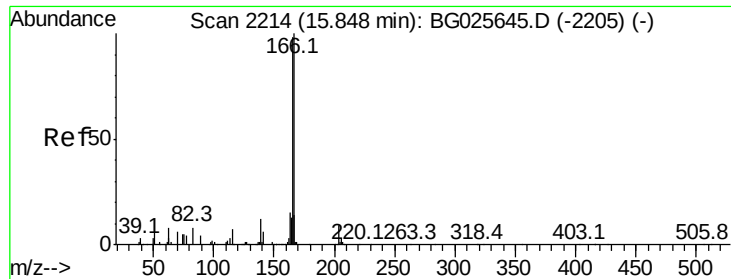
232 100

131 39.6 33.3 49.9

130 2.9 1.8 2.6#

166 27.1 21.9 32.9





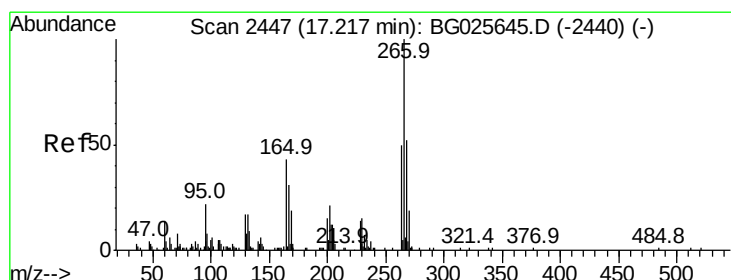
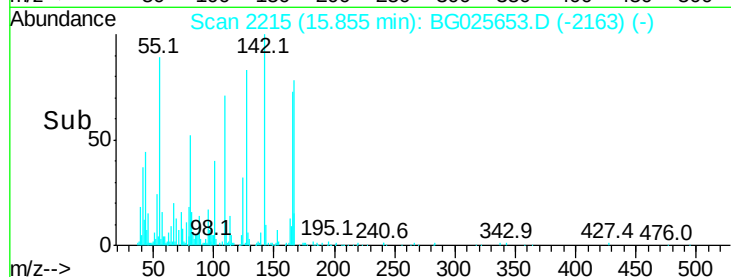
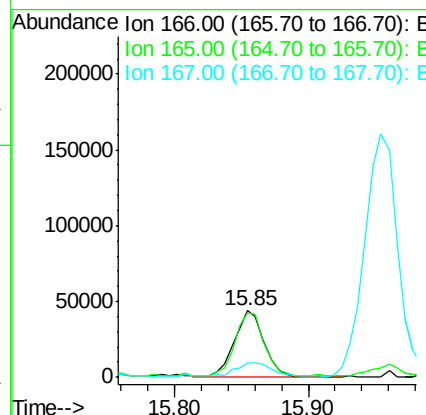
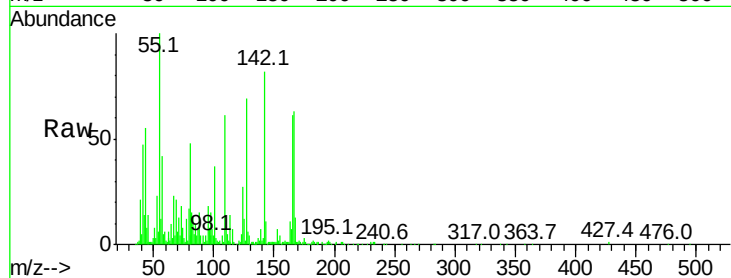
#58
 Fluorene
 Concen: 3.15 ng/ul
 RT: 15.85 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG025653.D
 Acq: 26 Jan 2017 4:12

Instrument :
 BNA_G
 ClientSampleId :
 DA9Q8

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.7	119.5
167	21.4	11.4	17.2#

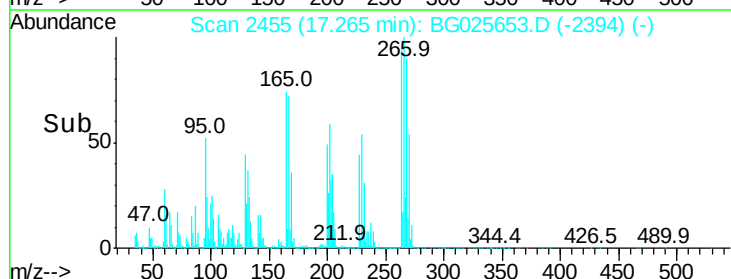
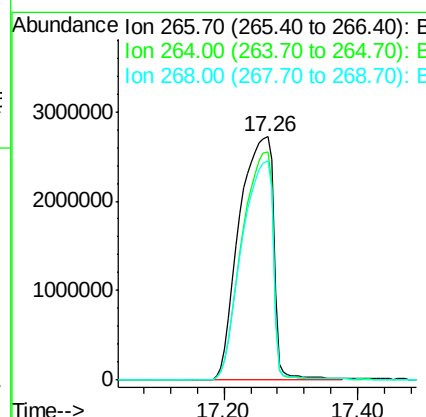
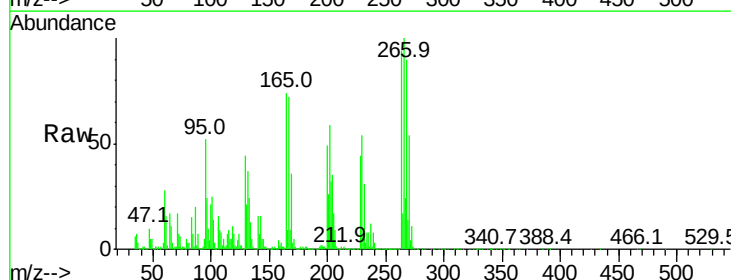
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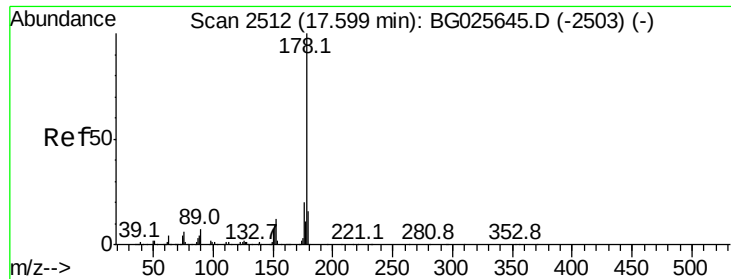
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#68
 Pentachlorophenol
 Concen: 2561.37 ng/ul
 RT: 17.26 min Scan# 2455
 Delta R.T. 0.06 min
 Lab File: BG025653.D
 Acq: 26 Jan 2017 4:12

Tgt Ion	Ratio	Lower	Upper
266	100		
264	93.8	47.1	70.7#
268	90.3	56.2	84.4#





#69

Phenanthrene

Concen: 18.64 ng/ul

RT: 17.61 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BG025653.D

Acq: 26 Jan 2017 4:12

Instrument :

BNA_G

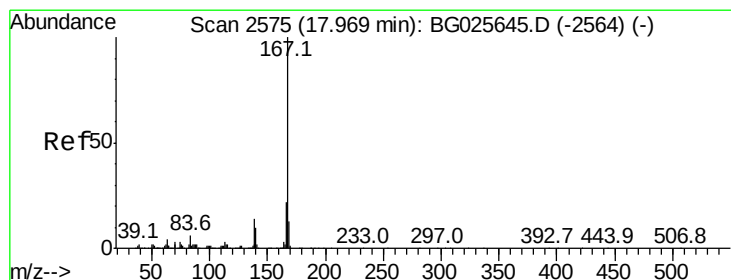
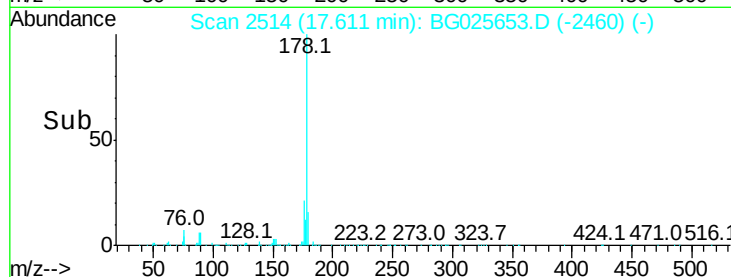
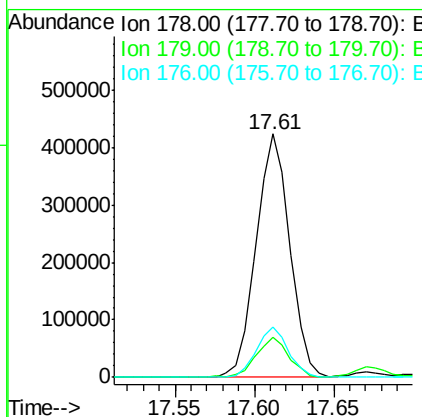
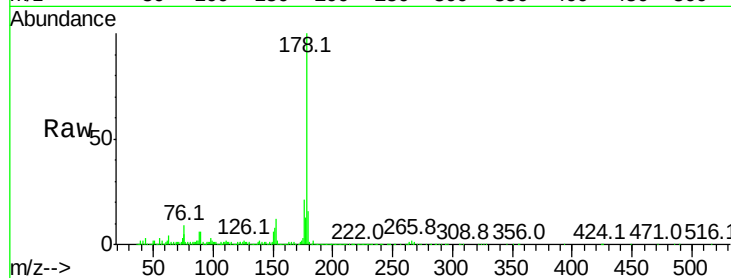
ClientSampleId :

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Tot Ion:	178	Resp:	624071
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.4	18.6
176	20.9	16.5	24.7

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#72

Carbazole

Concen: 27.84 ng/ul

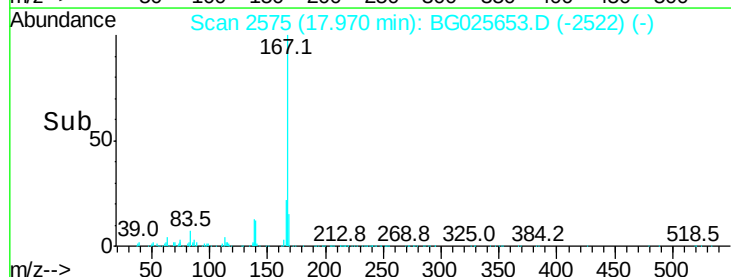
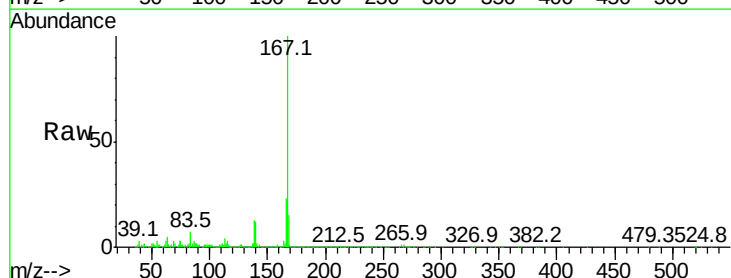
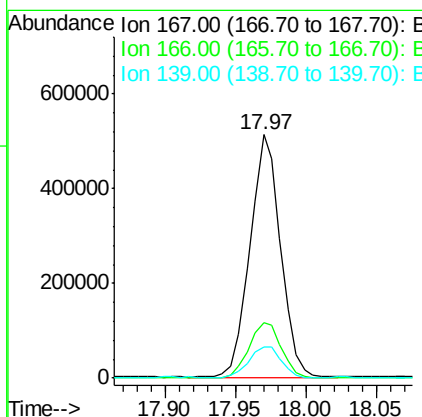
RT: 17.97 min Scan# 2575

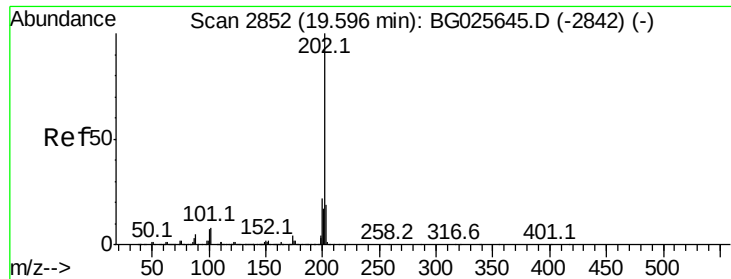
Delta R.T. 0.01 min

Lab File: BG025653.D

Acq: 26 Jan 2017 4:12

Tgt Ion:	167	Resp:	777233
Ion Ratio	Lower	Upper	
167	100		
166	22.8	17.9	26.9
139	13.0	10.5	15.7





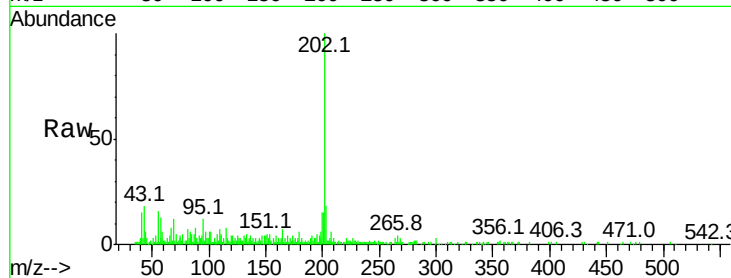
#74
 Fluoranthene
 Concen: 1.20 ng/ul
 RT: 19.60 min Scan# 2853
 Delta R.T. 0.01 min
 Lab File: BG025653.D
 Acq: 26 Jan 2017 4:12

Instrument :
 BNA_G
 ClientSampleId :
 DA9Q8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	5.9	6.2	9.2#
100	6.4	5.2	7.8

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Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

