

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025280.D
 Acq On : 17 Dec 2016 18:49
 Operator : UM/SJ
 Sample : H6040-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA8T7

Manual Integrations
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Quant Time: Dec 18 02:42:25 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 00:18:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	79550	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	320476	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	236881	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	513288	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	651077	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	660667	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	4077	2.65	ng/uL	0.00
5) Phenol-d5	7.39	99	101714	14.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	67098	15.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	75723	15.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	82372	14.36	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	36798	16.21	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	44522	15.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	86216	15.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	26405m	4.94	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	262442	16.11	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	317075	17.77	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	45492	16.25	ng/ul	0.02
57) Fluorene-d10	15.84	176	232377	15.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	46889	14.77	ng/ul	0.00
70) Anthracene-d10	17.70	188	365253	16.86	ng/ul	0.00
76) Pyrene-d10	19.97	212	470897	17.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	445252	16.63	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.42	94	24270	3.45 ng/ul	95
11) 2-Methylphenol	8.68	108	6120	1.18 ng/ul#	72
16) 4-Methylphenol	9.01	108	10117	1.75 ng/ul	83
24) 2,4-Dimethylphenol	10.21	107	14571m	2.22 ng/ul	
28) Naphthalene	11.11	128	30381	2.04 ng/ul#	94
34) 2-Methylnaphthalene	12.69	142	56239	4.78 ng/ul	99
40) 1,1'-Biphenyl	13.69	154	15442	1.08 ng/ul	96
44) Dimethylphthalate	14.30	163	82284	5.14 ng/ul	96
53) Dibenzofuran	15.25	168	34566	1.84 ng/ul	94
58) Fluorene	15.90	166	26346	1.72 ng/ul#	82
69) Phenanthrene	17.65	178	120565	4.92 ng/ul	96
74) Fluoranthene	19.64	202	77450	2.66 ng/ul	99
77) Pyrene	20.00	202	116001	3.71 ng/ul#	82
81) Bis(2-ethylhexyl)phthalate	21.72	149	120719	7.16 ng/ul#	96

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

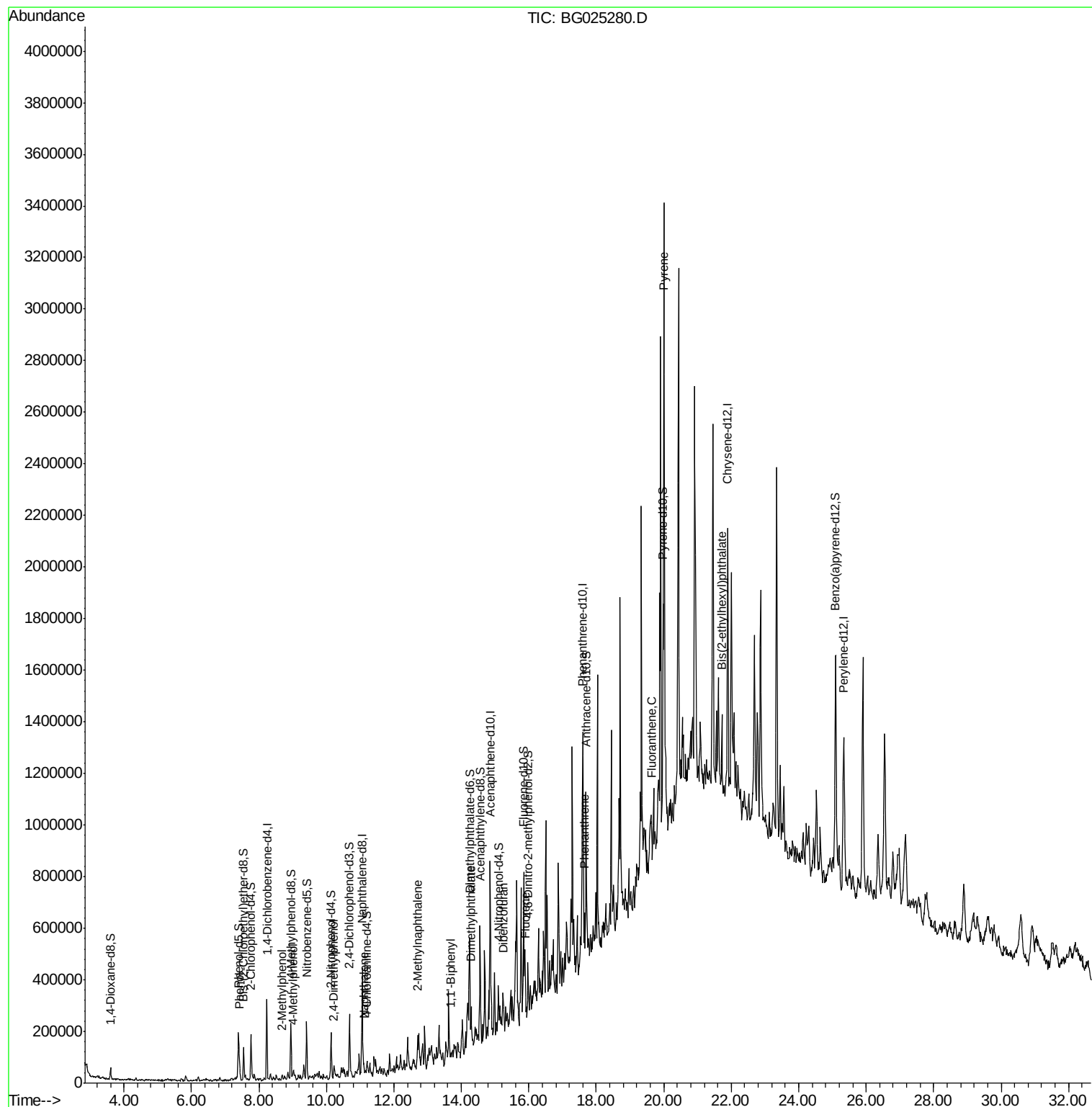
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025280.D
Acq On : 17 Dec 2016 18:49
Operator : UM/SJ
Sample : H6040-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

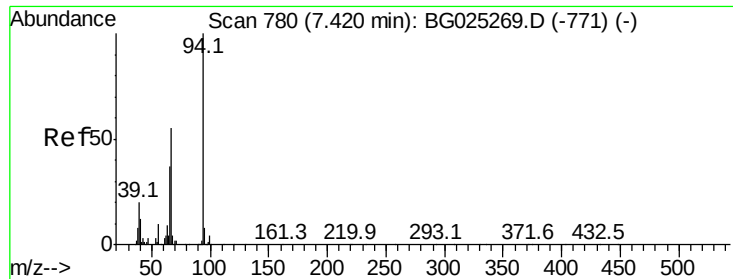
Instrument :
BNA_G
ClientSampleId :
DA8T7

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Quant Time: Dec 18 02:42:25 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 00:18:21 2016
Response via : Initial Calibration





#6

Phenol

Concen: 3.45 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG025280.D

Acq: 17 Dec 2016 18:49

Instrument :

BNA_G

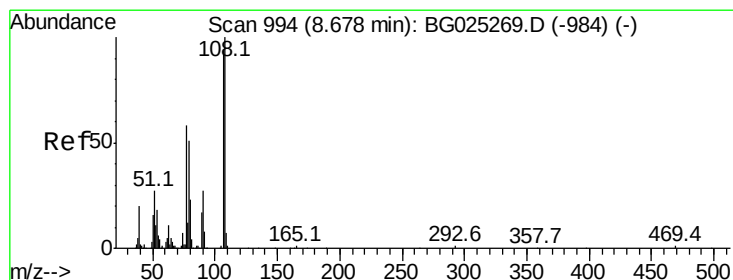
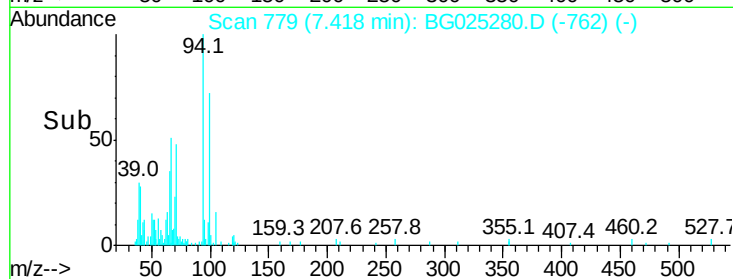
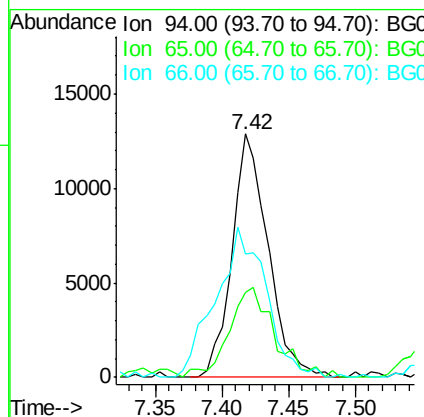
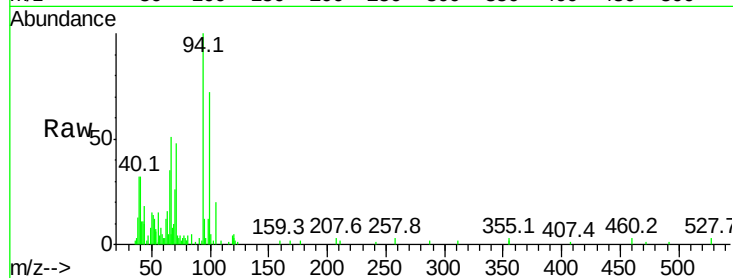
ClientSampleId :

DA8T7

Tot Ion:	94	Resp:	24270
Ion Ratio	Lower	Upper	
94	100		
65	34.9	26.8	40.2
66	50.5	44.4	66.6

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#11

2-Methylphenol

Concen: 1.18 ng/ul

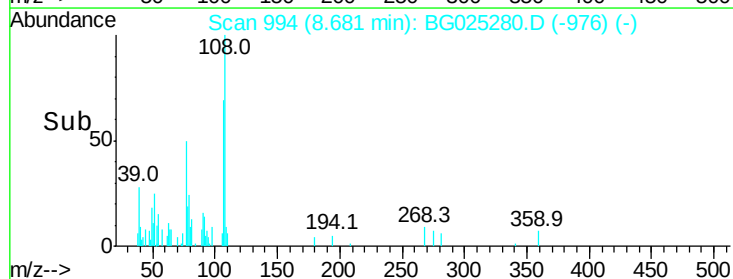
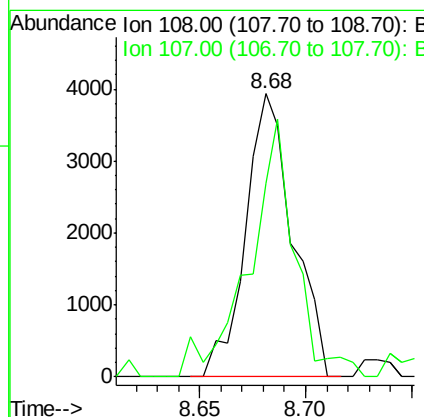
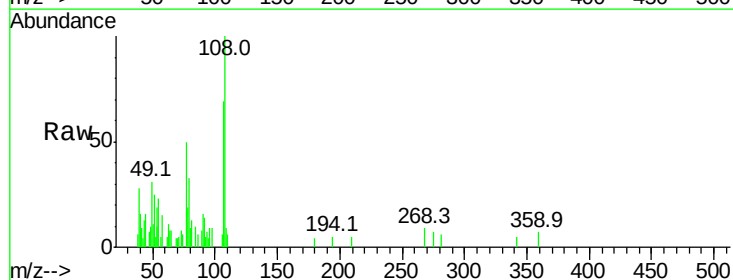
RT: 8.68 min Scan# 994

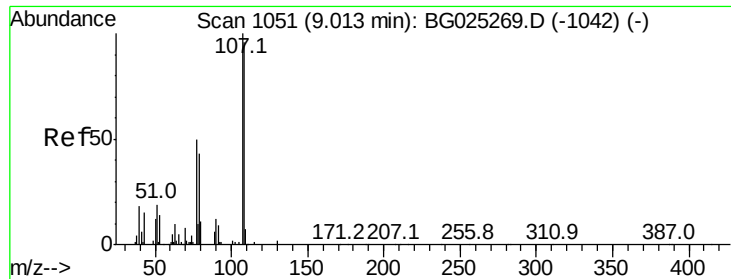
Delta R.T. 0.00 min

Lab File: BG025280.D

Acq: 17 Dec 2016 18:49

Tgt Ion:	108	Resp:	6120
Ion Ratio	Lower	Upper	
108	100		
107	68.7	76.7	115.1#





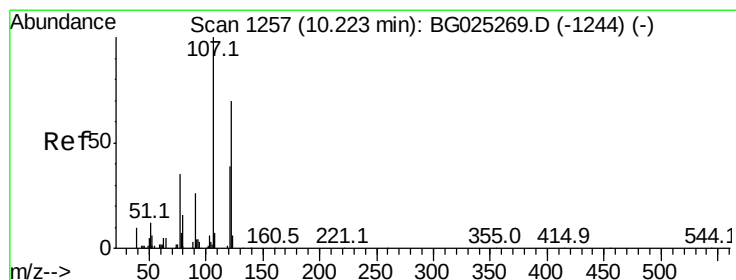
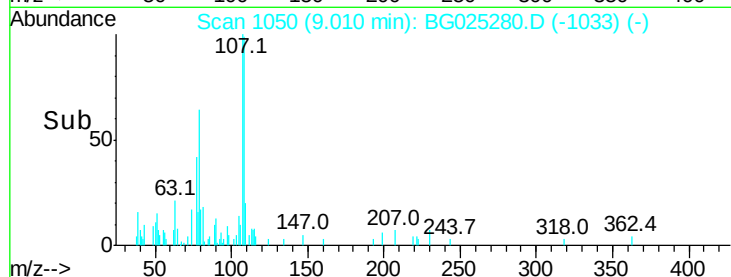
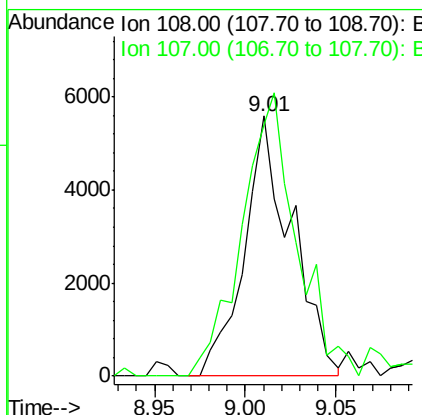
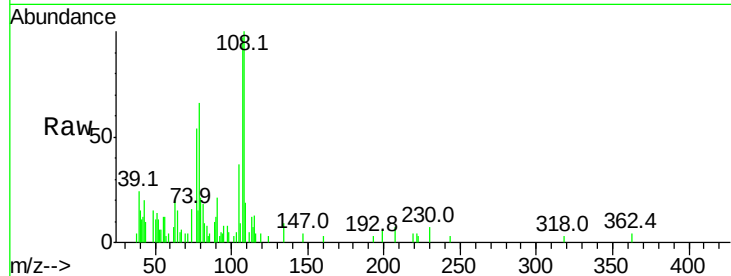
#16
4-Methylphenol
Concen: 1.75 ng/ul
RT: 9.01 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG025280.D
Acq: 17 Dec 2016 18:49

Instrument :
BNA_G
ClientSampleId :
DA8T7

Tot Ion	Ratio	Lower	Upper
108	100		
107	96.6	91.7	137.5

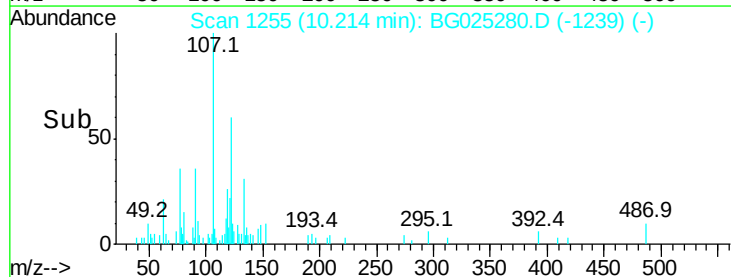
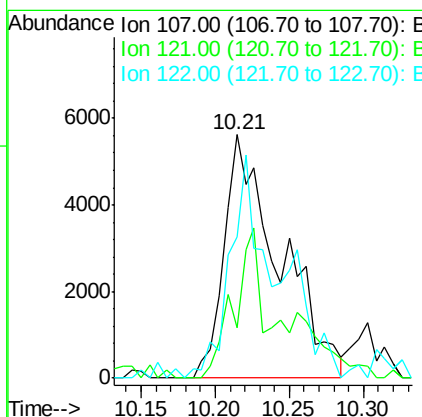
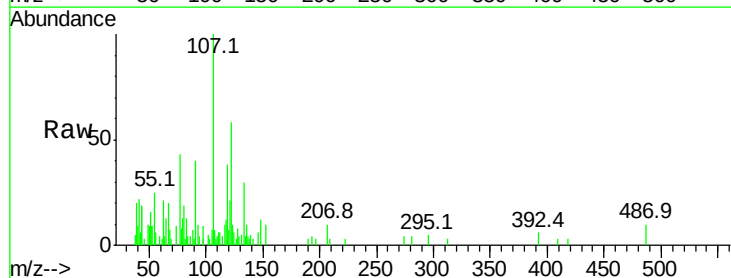
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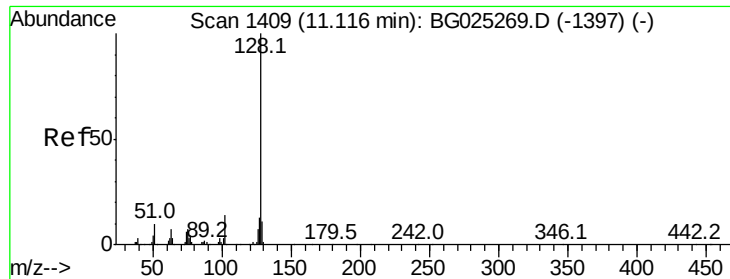
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#24
2,4-Dimethylphenol
Concen: 2.22 ng/ul m
RT: 10.21 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG025280.D
Acq: 17 Dec 2016 18:49

Tgt Ion	Ratio	Lower	Upper
107	100		
121	20.9	32.3	48.5#
122	57.9	61.2	91.8#





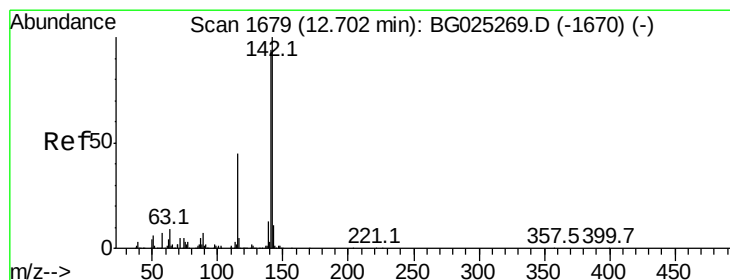
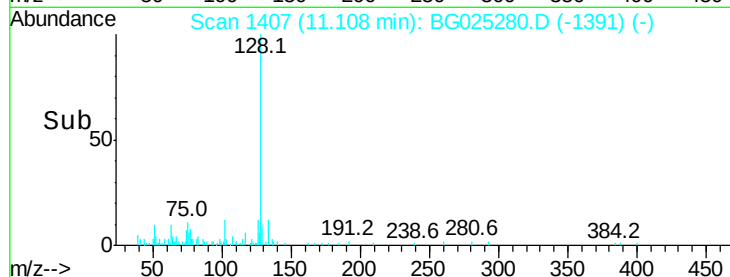
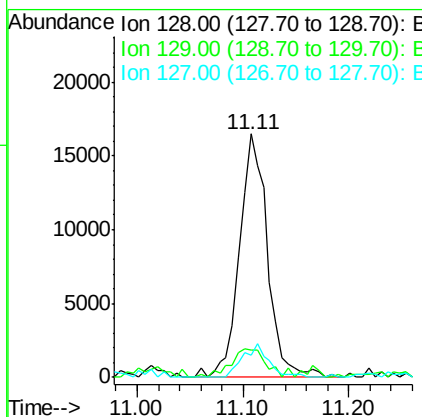
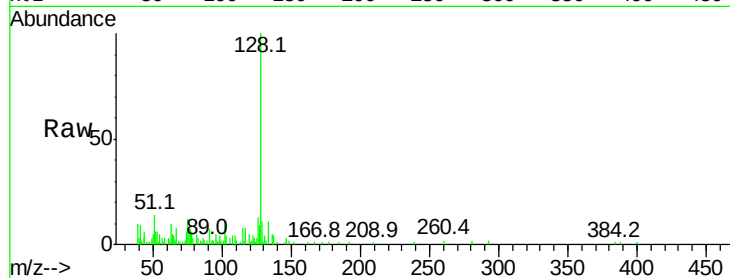
#28
Naphthalene
Concen: 2.04 ng/ul
RT: 11.11 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BG025280.D
Acq: 17 Dec 2016 18:49

Instrument :
BNA_G
ClientSampleId :
DA8T7

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	9.1	10.3	15.5#

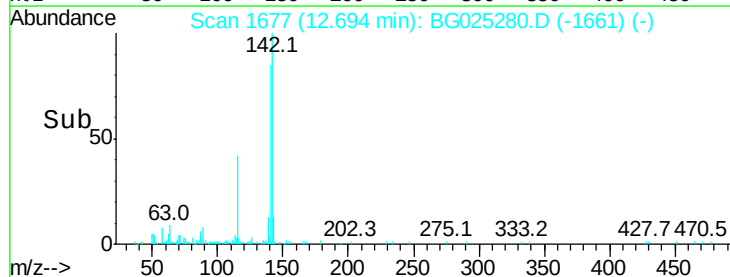
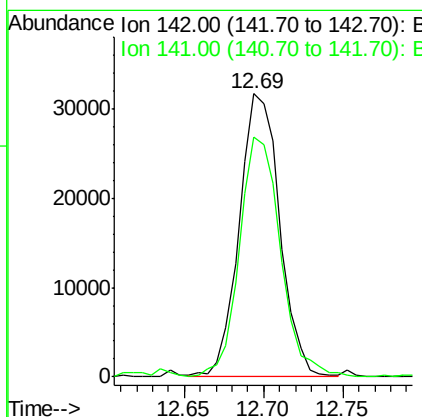
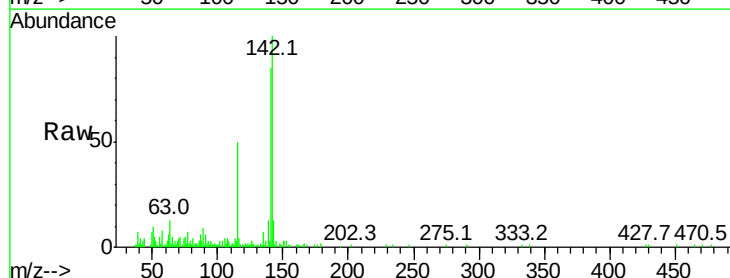
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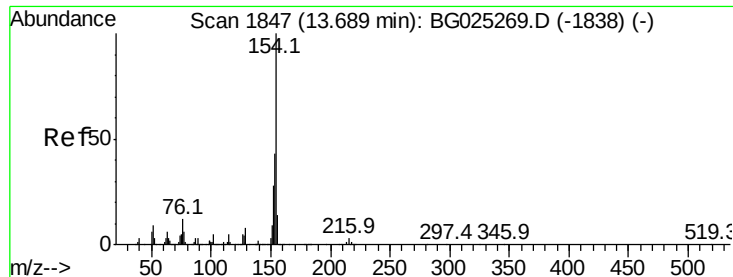
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#34
2-Methylnaphthalene
Concen: 4.78 ng/ul
RT: 12.69 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BG025280.D
Acq: 17 Dec 2016 18:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.7	68.6	102.8





#40

1,1'-Biphenyl

Concen: 1.08 ng/ul

RT: 13.69 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BG025280.D

Acq: 17 Dec 2016 18:49

Instrument :

BNA_G

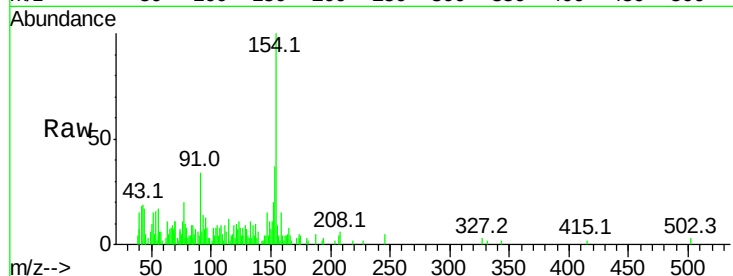
ClientSampleId :

DA8T7

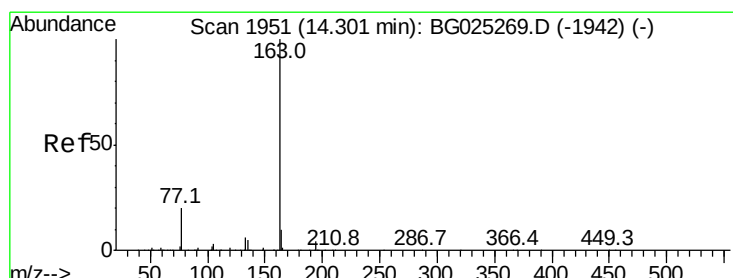
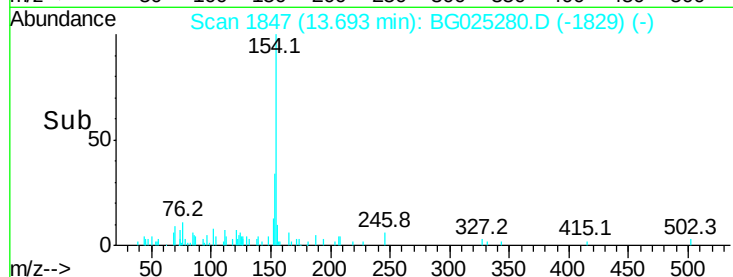
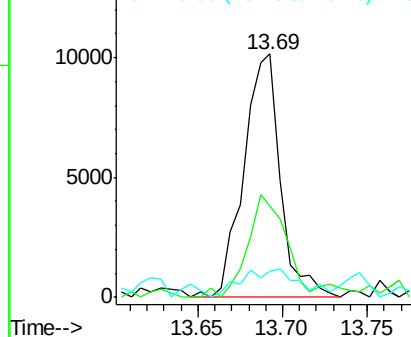
Tot Ion:	154	Resp:	15442
Ion Ratio	Lower	Upper	
154	100		
153	37.4	32.2	48.2
76	10.6	9.6	14.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC



#44

Dimethylphthalate

Concen: 5.14 ng/ul

RT: 14.30 min Scan# 1950

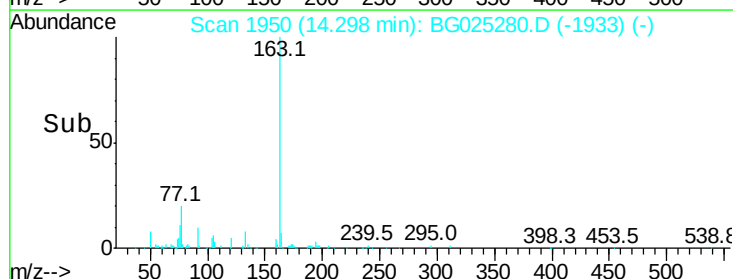
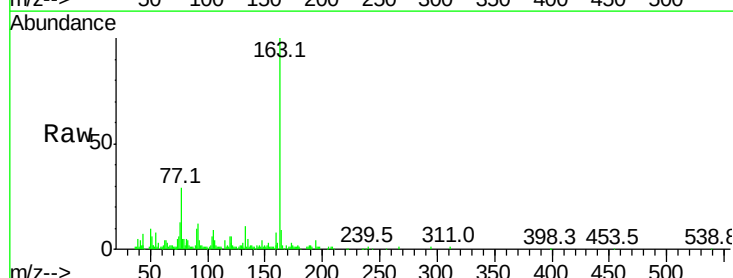
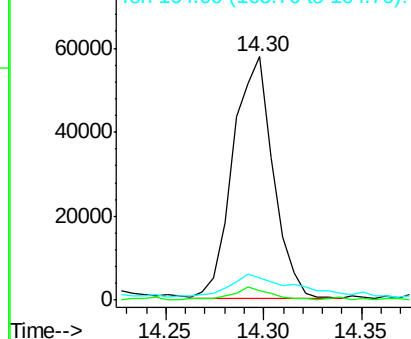
Delta R.T. -0.00 min

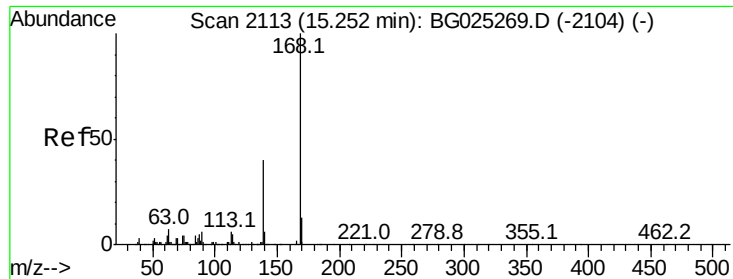
Lab File: BG025280.D

Acq: 17 Dec 2016 18:49

Tgt Ion:	163	Resp:	82284
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.4	5.0
164	9.2	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





#53

Dibenzenofuran

Concen: 1.84 ng/ul

RT: 15.25 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BG025280.D

Acq: 17 Dec 2016 18:49

Instrument :

BNA_G

ClientSampleId :

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Tot Ion:168 Resp: 34566

Ion Ratio Lower Upper

168 100

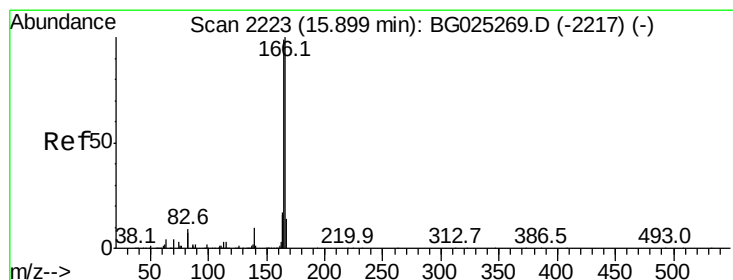
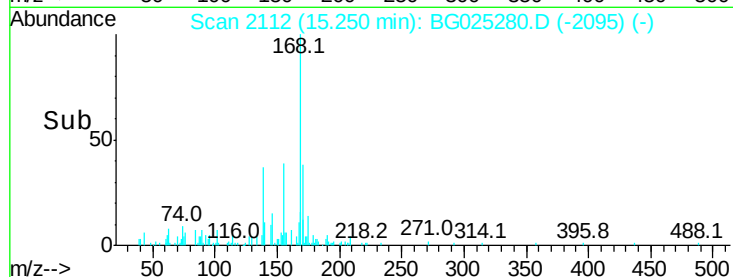
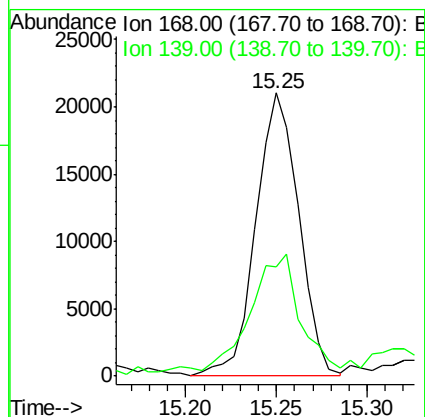
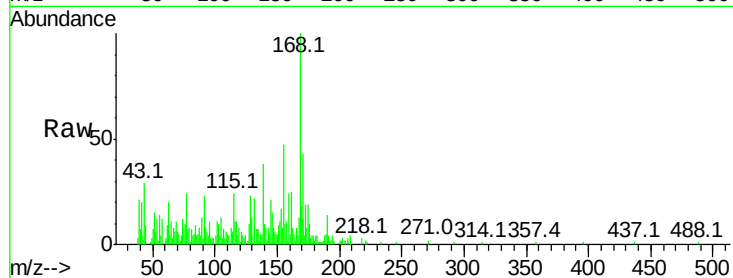
139 38.4 33.8 50.8

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#58

Fluorene

Concen: 1.72 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG025280.D

Acq: 17 Dec 2016 18:49

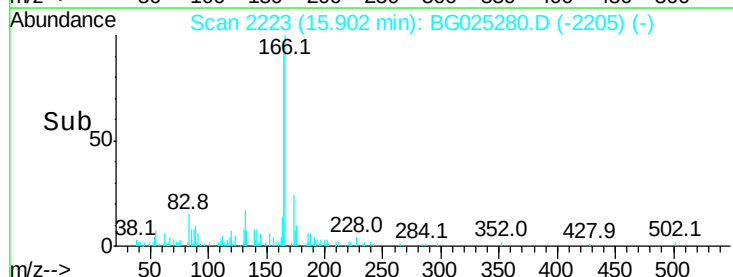
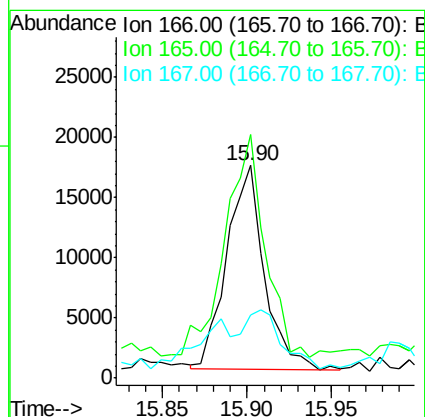
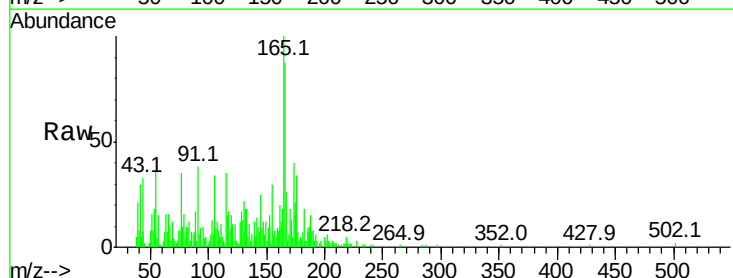
Tgt Ion:166 Resp: 26346

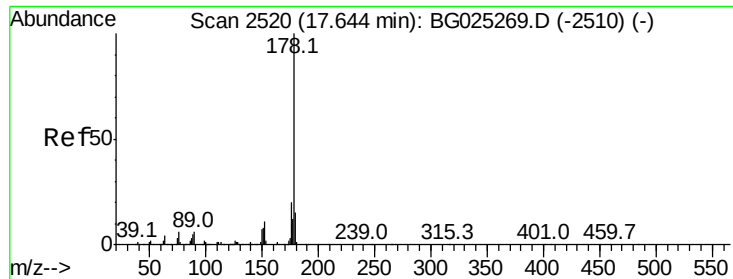
Ion Ratio Lower Upper

166 100

165 114.4 79.7 119.5

167 29.6 11.4 17.2#





#69

Phenanthrene

Concen: 4.92 ng/ul

RT: 17.65 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BG025280.D

Acq: 17 Dec 2016 18:49

Instrument :

BNA_G

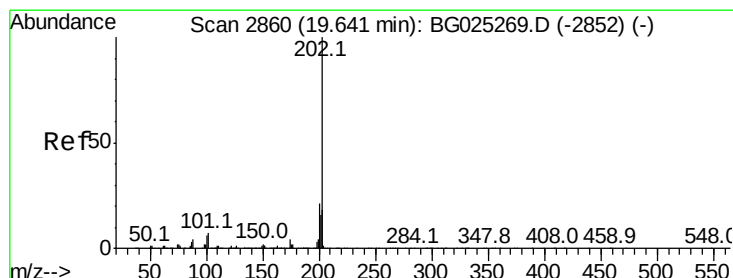
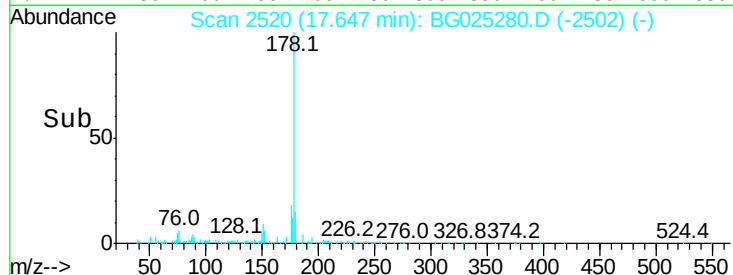
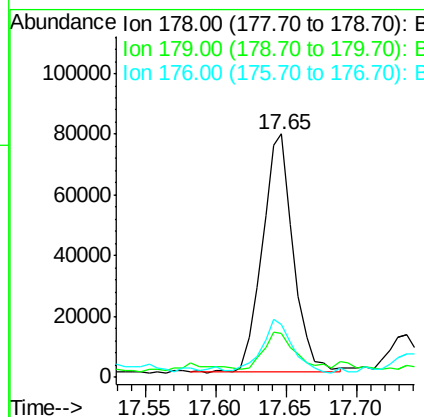
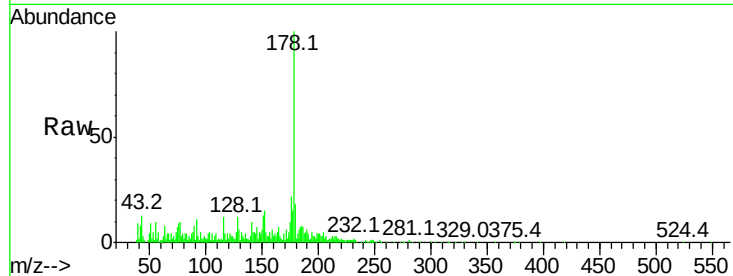
ClientSampleId :

DA8T7

Tot Ion:	178	Resp:	120565
Ion Ratio	Lower	Upper	
178	100		
179	17.9	12.4	18.6
176	21.6	16.5	24.7

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#74

Fluoranthene

Concen: 2.66 ng/ul

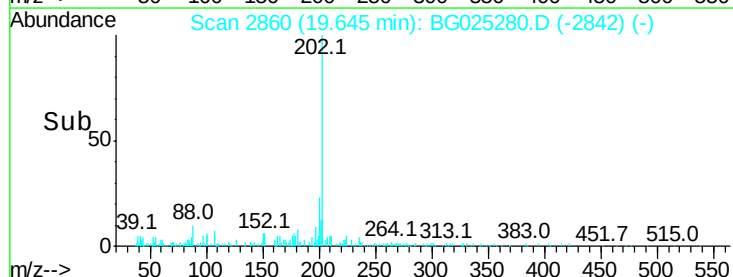
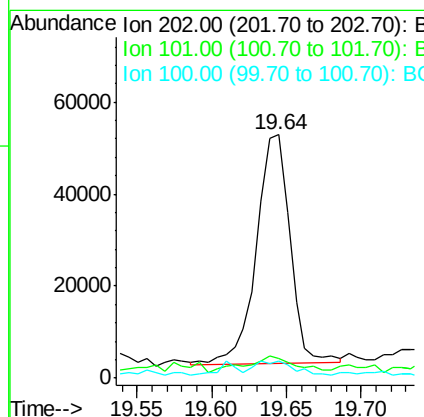
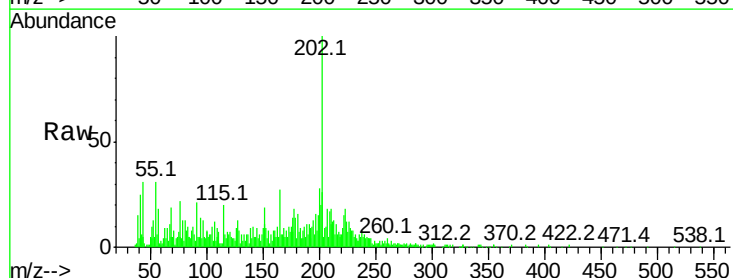
RT: 19.64 min Scan# 2860

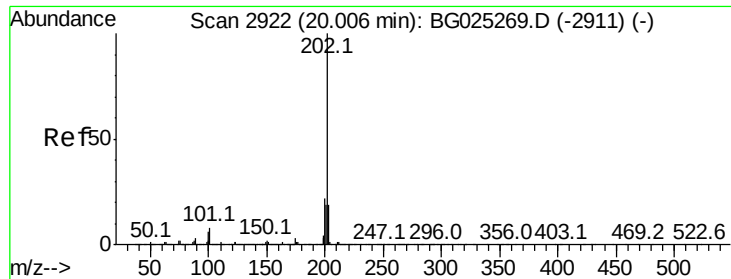
Delta R.T. 0.00 min

Lab File: BG025280.D

Acq: 17 Dec 2016 18:49

Tgt Ion:	202	Resp:	77450
Ion Ratio	Lower	Upper	
202	100		
101	7.8	6.2	9.2
100	6.8	5.2	7.8





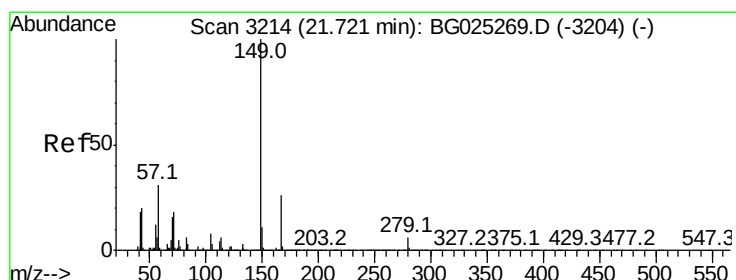
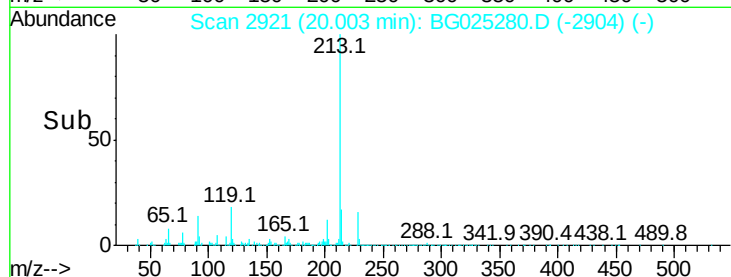
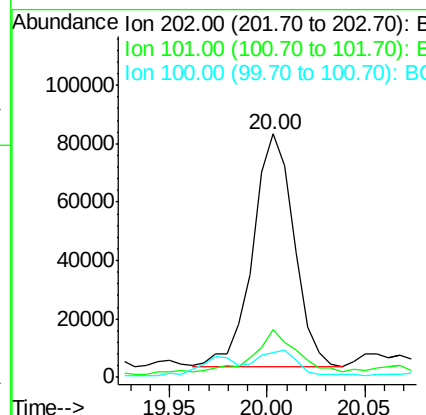
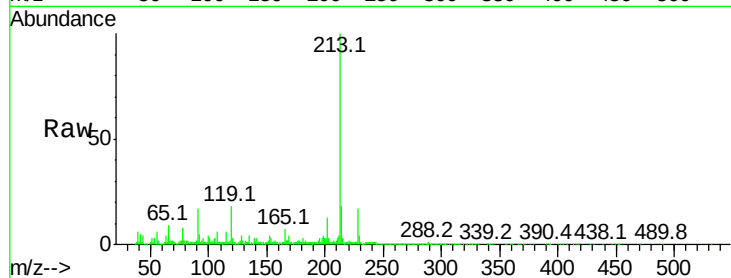
#77
 Pvrene
 Concen: 3.71 ng/ul
 RT: 20.00 min Scan# 2921
 Delta R.T. -0.00 min
 Lab File: BG025280.D
 Acq: 17 Dec 2016 18:49

Instrument :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	19.5	6.9	10.3#
100	10.1	6.6	10.0#

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#81
 Bis(2-ethylhexyl)phthalate
 Concen: 7.16 ng/ul
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: BG025280.D
 Acq: 17 Dec 2016 18:49

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	28.0	21.8	32.8
279	10.3	4.5	6.7#

