

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021403.D
 Acq On : 10 Mar 2016 11:38
 Operator : UM/SJ
 Sample : H1616-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BLDG06-P001-SS001-01MS

Manual Integrations
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 3/11/2016 5:27:25 PM

Quant Time: Mar 10 15:19:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 10 10:52:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	14940	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	61977	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	34389	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	72360	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	77266	20.00	ng/ul	0.00
86) Perylene-d12	25.40	264	91897m	20.00	ng/ul	0.41

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	520	1.63	ng/uL	0.00
5) Phenol-d5	7.28	99	24503	14.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	17118	15.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	18991	16.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	18669	13.66	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	10085	20.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	10841	19.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	17219	17.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	170	0.13	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	55147	18.53	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	68700	18.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	6234	11.08	ng/ul	0.02
58) Fluorene-d10	15.72	176	48010	18.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	4391	9.07	ng/ul	0.00
71) Anthracene-d10	17.57	188	65181m	18.04	ng/ul	0.00
79) Pyrene-d10	19.85	212	73001	18.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.19	264	58377m	11.88	ng/ul	0.42

Target Compounds

						Qvalue
6) Phenol	7.30	94	23940	13.36	ng/ul#	89
10) 2-Chlorophenol	7.69	128	17883	14.43	ng/ul	98
14) Acetophenone	8.95	105	11662	5.16	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.92	70	18564	12.79	ng/ul	96
28) Naphthalene	10.99	128	453388	130.46	ng/ul	98
33) 4-Chloro-3-methylphenol	12.19	107	19953	13.43	ng/ul	97
34) 2-Methylnaphthalene	12.57	142	4382	1.70	ng/ul	91
45) Dimethylphthalate	14.18	163	20433	6.43	ng/ul#	98
50) Acenaphthene	14.80	153	45659	17.68	ng/ul	95
53) 4-Nitrophenol	14.95	109	7668	11.22	ng/ul#	84
55) 2,4-Dinitrotoluene	15.09	165	18540	18.54	ng/ul#	94
69) Pentachlorophenol	17.13	266	4836	9.89	ng/ul	93
70) Phenanthrene	17.52	178	23576	5.48	ng/ul#	89
77) Fluoranthene	19.51	202	21192	4.26	ng/ul#	91
80) Pyrene	19.88	202	115735	22.39	ng/ul	99

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

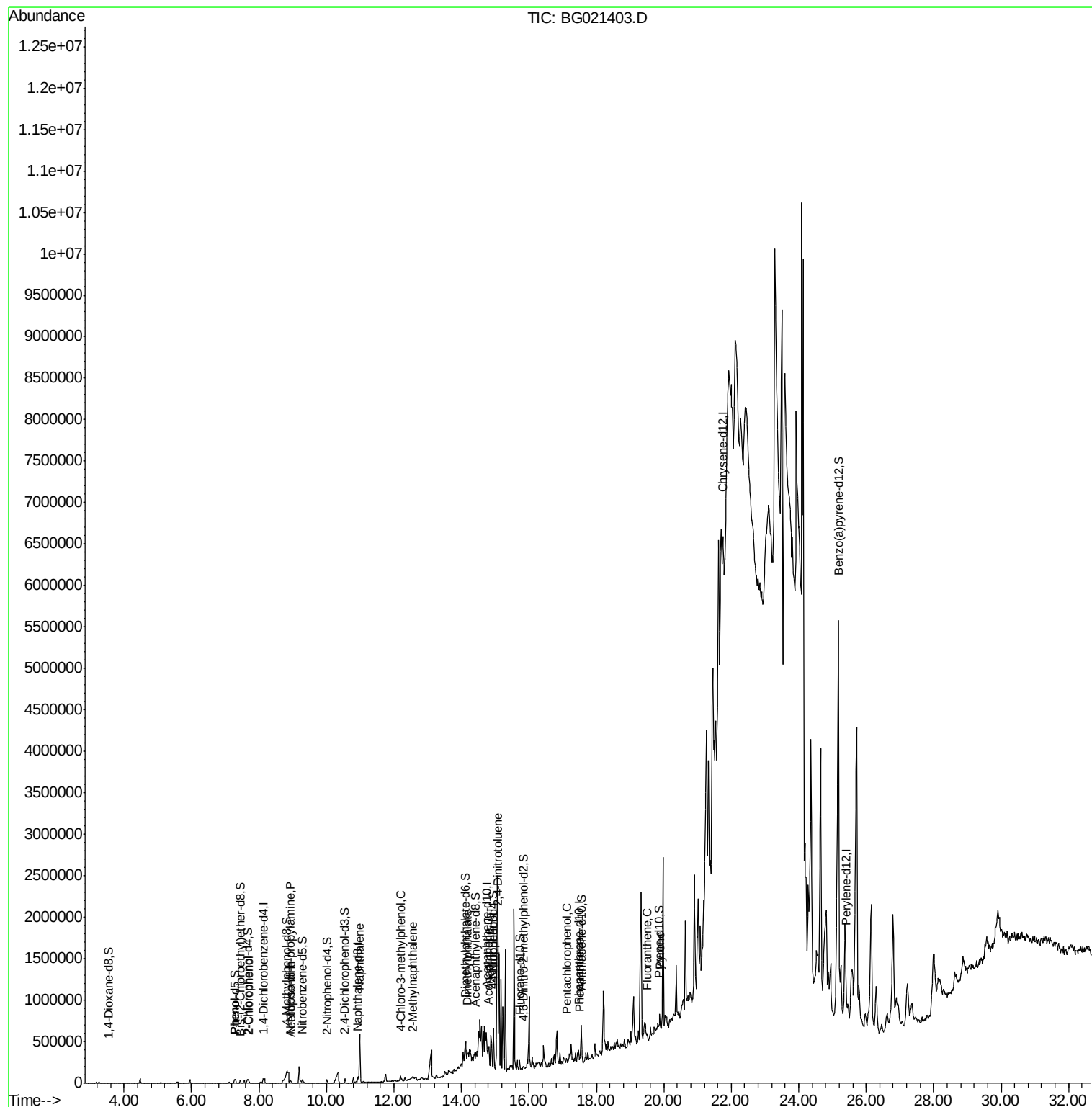
Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021403.D
Acq On : 10 Mar 2016 11:38
Operator : UM/SJ
Sample : H1616-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

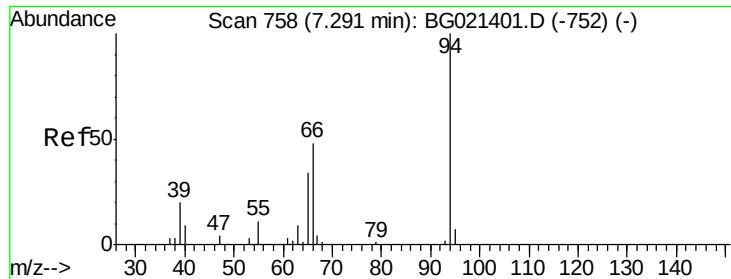
Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01MS

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 10 10:52:32 2016
Response via : Initial Calibration





#6

Phenol

Concen: 13.36 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG021403.D

Acq: 10 Mar 2016 11:38

Instrument :

BNA_G

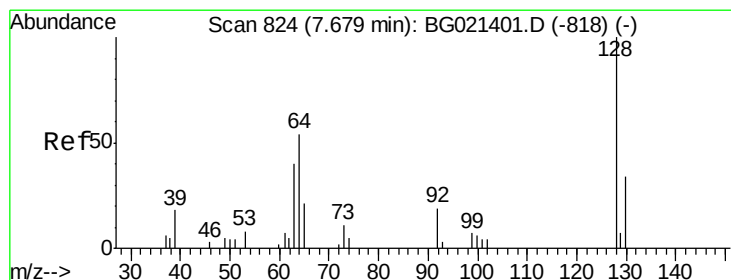
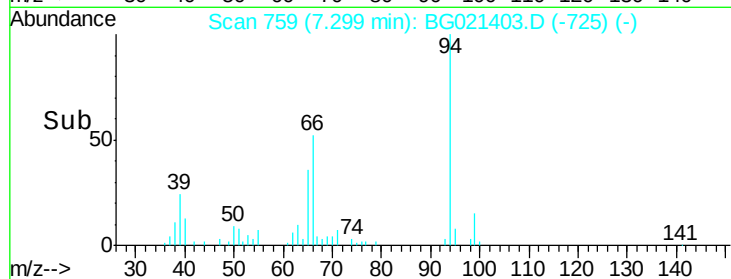
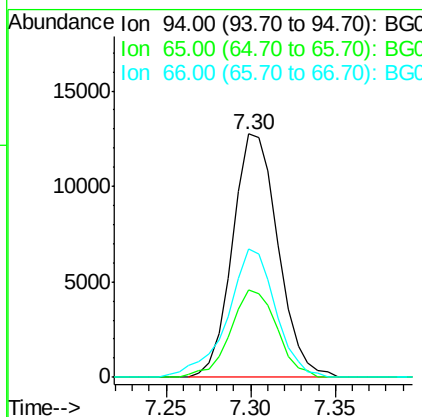
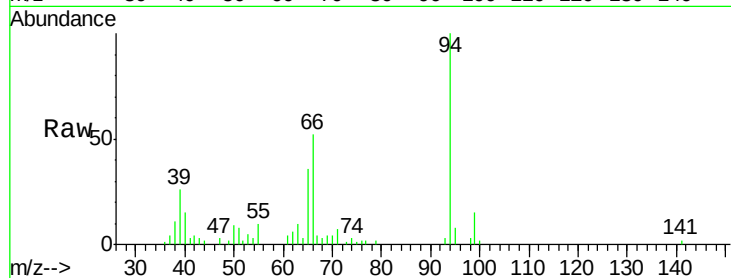
ClientSampleId :

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Tgt Ion:	94	Resp:	23940
Ion Ratio	Lower	Upper	
94	100		
65	36.2	26.1	39.1
66	52.5	35.0	52.4

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#10

2-Chlorophenol

Concen: 14.43 ng/ul

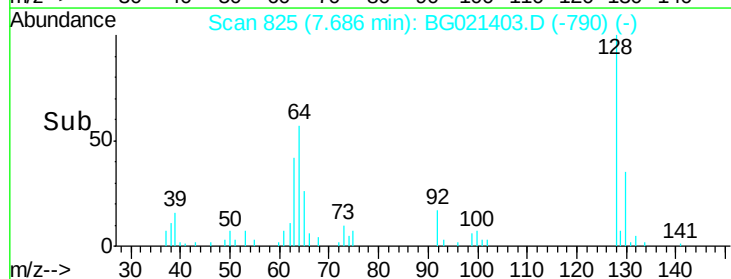
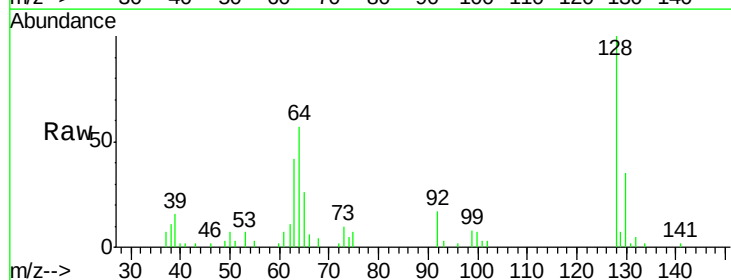
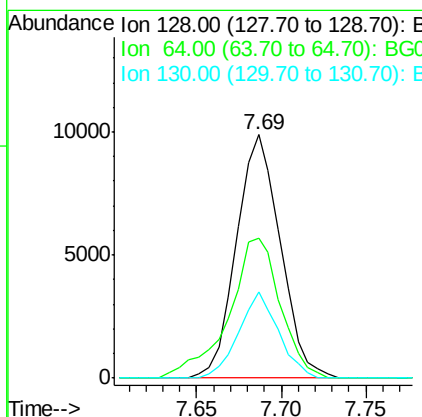
RT: 7.69 min Scan# 825

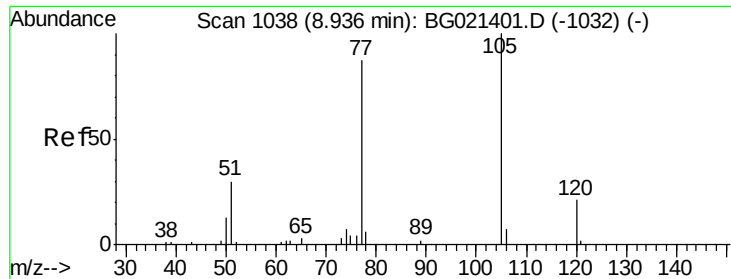
Delta R.T. 0.01 min

Lab File: BG021403.D

Acq: 10 Mar 2016 11:38

Tgt Ion:	128	Resp:	17883
Ion Ratio	Lower	Upper	
128	100		
64	57.2	47.0	70.6
130	35.2	27.8	41.6





#14

Acetophenone

Concen: 5.16 ng/ul

RT: 8.95 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BG021403.D

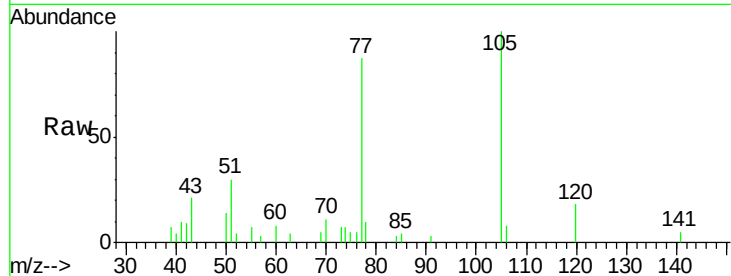
Acq: 10 Mar 2016 11:38

Instrument :

BNA_G

ClientSampleId :

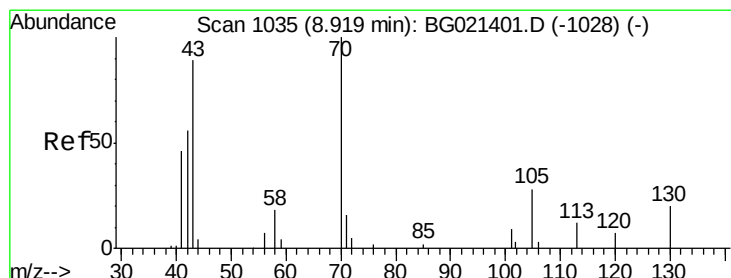
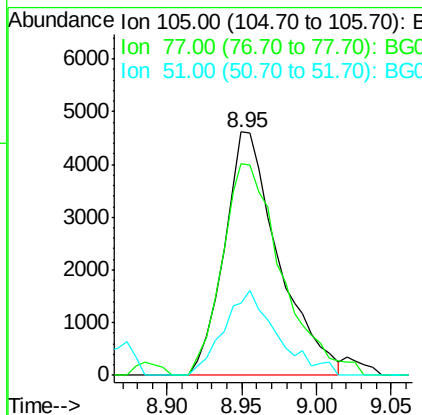
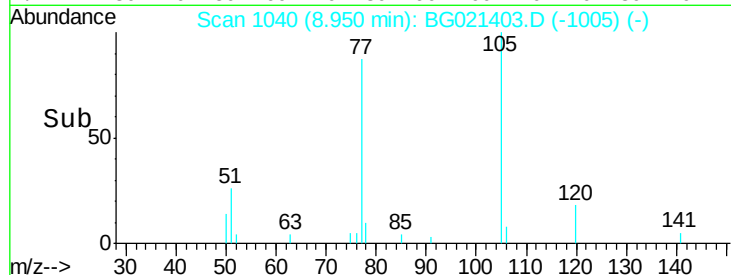
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Tgt Ion:	105	Resp:	11662
Ion Ratio	Lower	Upper	
105	100		
77	87.0	76.3	114.5
51	29.8	27.6	41.4

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#15

N-Nitroso-di-n-propylamine

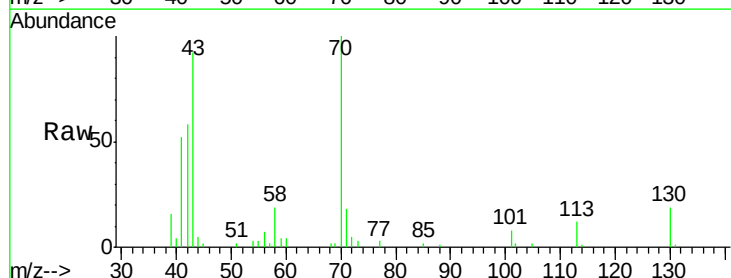
Concen: 12.79 ng/ul

RT: 8.92 min Scan# 1035

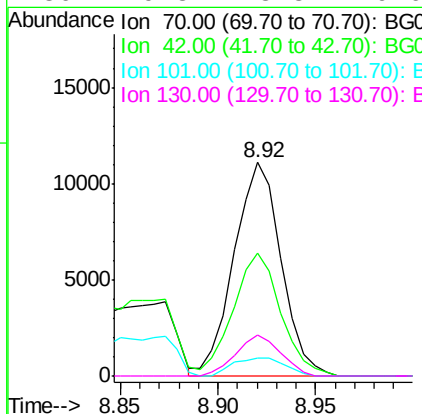
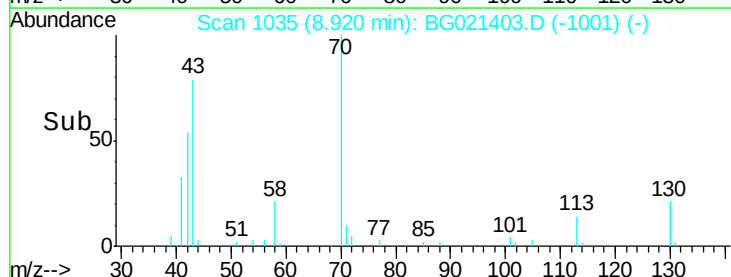
Delta R.T. 0.00 min

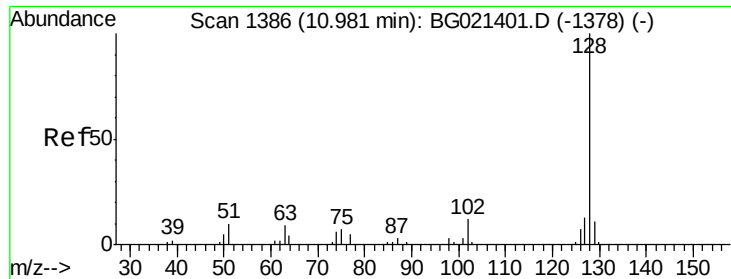
Lab File: BG021403.D

Acq: 10 Mar 2016 11:38



Tgt Ion:	70	Resp:	18564
Ion Ratio	Lower	Upper	
70	100		
42	57.7	43.4	65.0
101	8.3	6.5	9.7
130	19.3	13.8	20.6





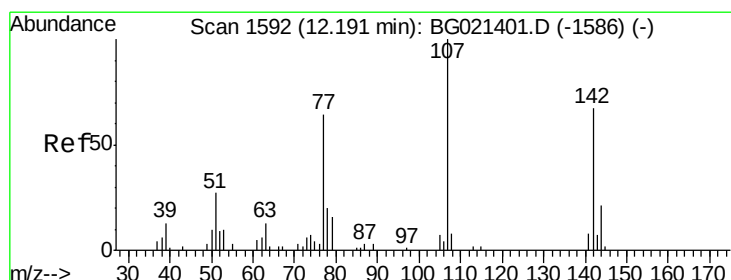
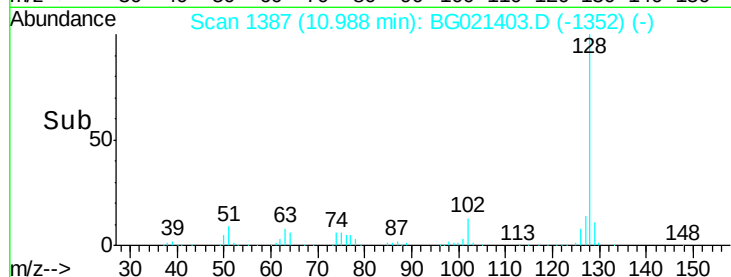
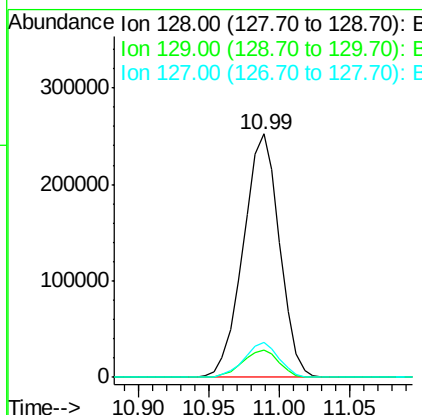
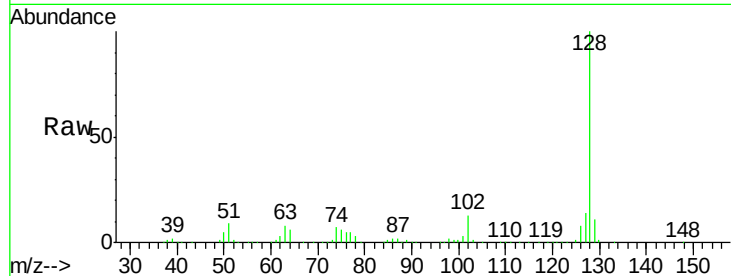
#28
Naphthalene
Concen: 130.46 ng/ul
RT: 10.99 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BG021403.D
Acq: 10 Mar 2016 11:38

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	453388		
129	11.4	8.3	12.5	
127	14.1	10.8	16.2	

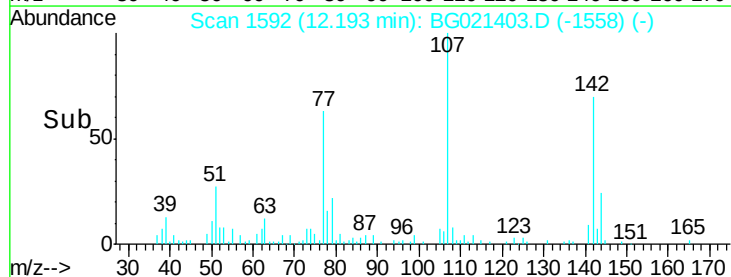
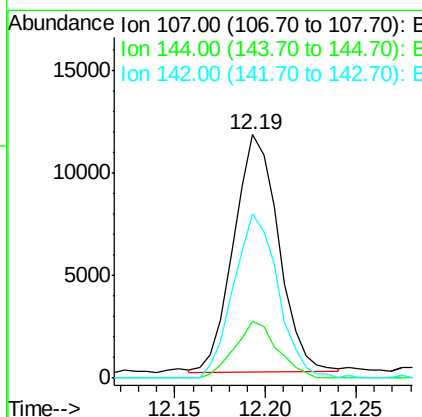
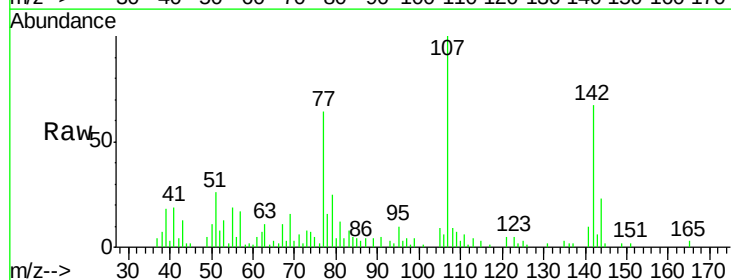
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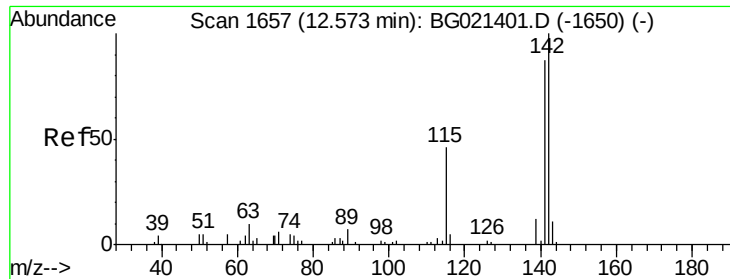
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#33
4-Chloro-3-methylphenol
Concen: 13.43 ng/ul
RT: 12.19 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BG021403.D
Acq: 10 Mar 2016 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	19953		
144	23.3	17.2	25.8	
142	67.4	52.0	78.0	





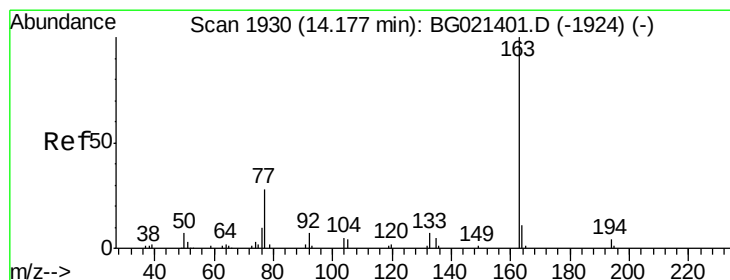
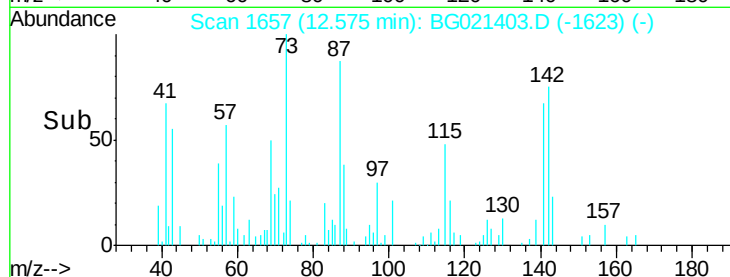
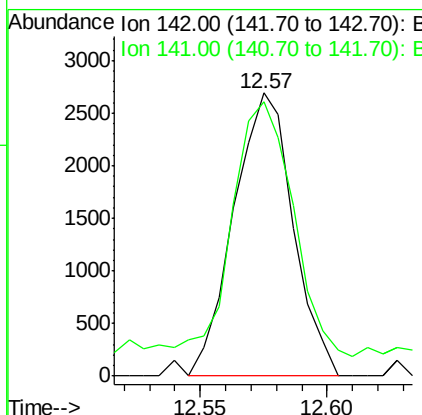
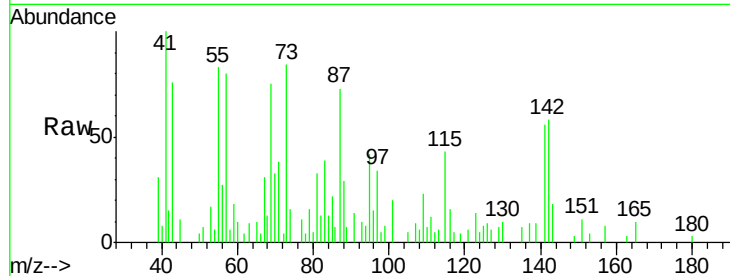
#34
2-Methylnaphthalene
Concen: 1.70 ng/ul
RT: 12.57 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BG021403.D
Acq: 10 Mar 2016 11:38

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01MS

Tgt Ion:142 Resp: 4382
Ion Ratio Lower Upper
142 100
141 97.1 71.3 106.9

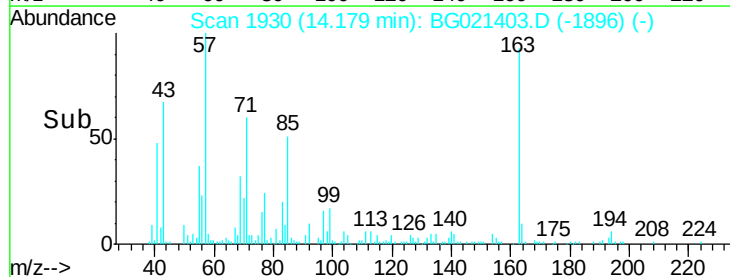
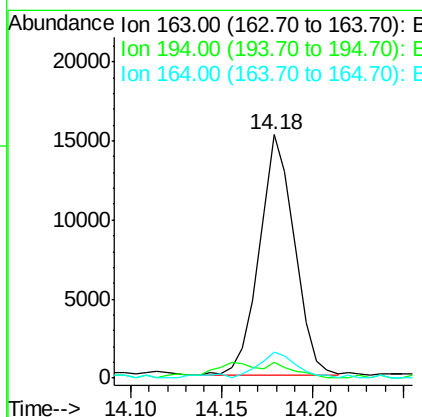
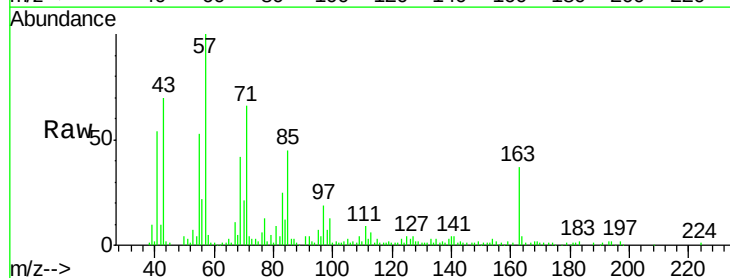
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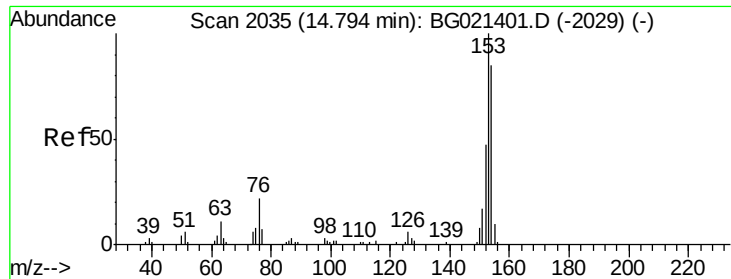
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#45
Dimethylphthalate
Concen: 6.43 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BG021403.D
Acq: 10 Mar 2016 11:38

Tgt Ion:163 Resp: 20433
Ion Ratio Lower Upper
163 100
194 6.3 3.9 5.9#
164 10.7 8.7 13.1





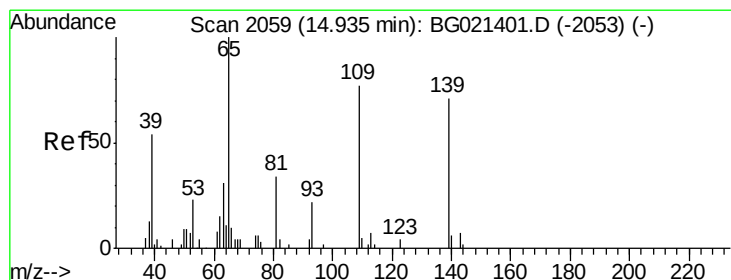
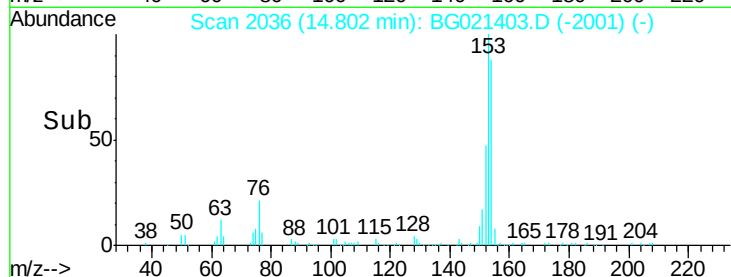
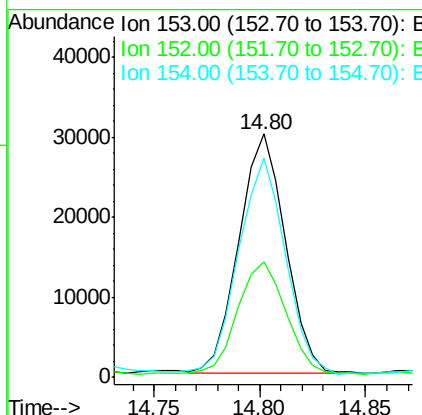
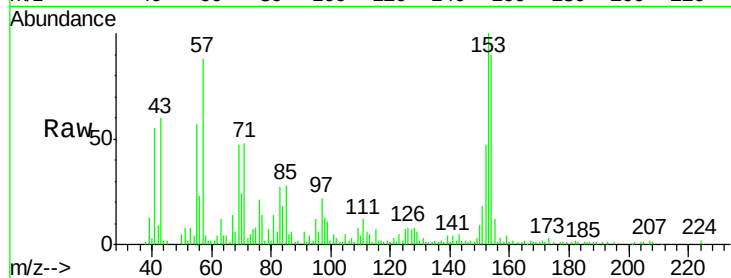
#50
Acenaphthene
Concen: 17.68 ng/ul
RT: 14.80 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BG021403.D
Acq: 10 Mar 2016 11:38

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01MS

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.3	36.5	54.7
154	89.9	67.3	100.9

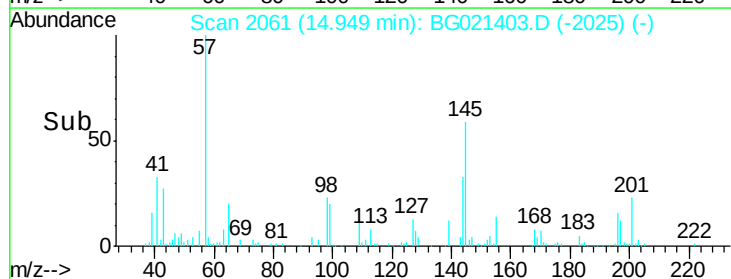
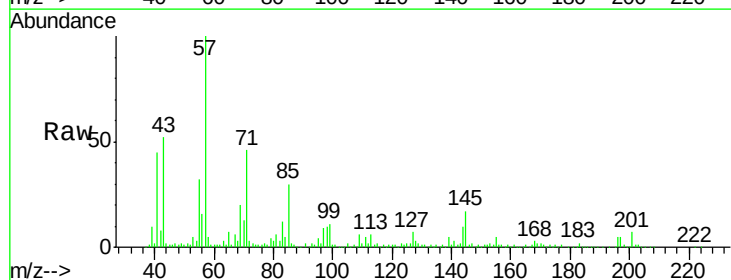
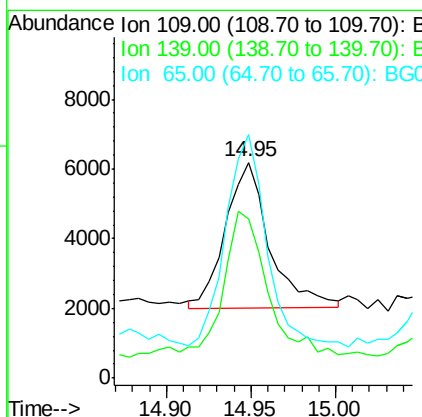
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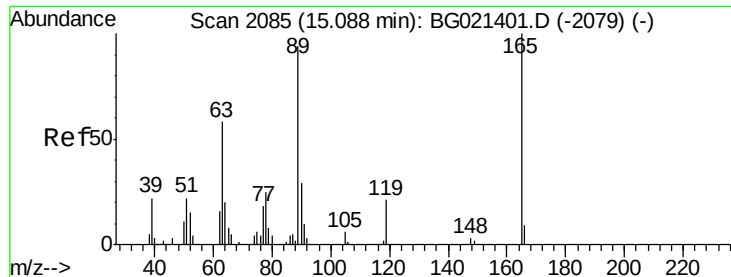
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#53
4-Nitrophenol
Concen: 11.22 ng/ul
RT: 14.95 min Scan# 2061
Delta R.T. 0.01 min
Lab File: BG021403.D
Acq: 10 Mar 2016 11:38

Tgt Ion	Ratio	Lower	Upper
109	100		
139	73.5	75.9	113.9#
65	112.8	99.8	149.8





#55

2,4-Dinitrotoluene

Concen: 18.54 ng/ul

RT: 15.09 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BG021403.D

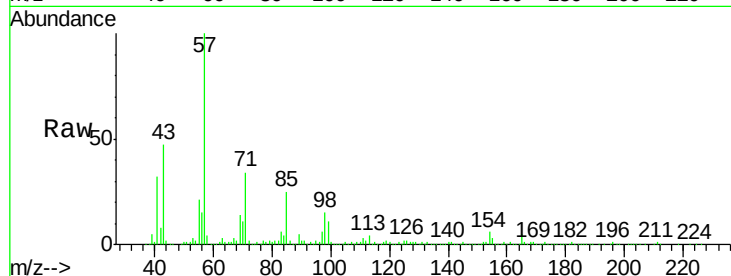
Acq: 10 Mar 2016 11:38

Instrument :

BNA_G

ClientSampleId :

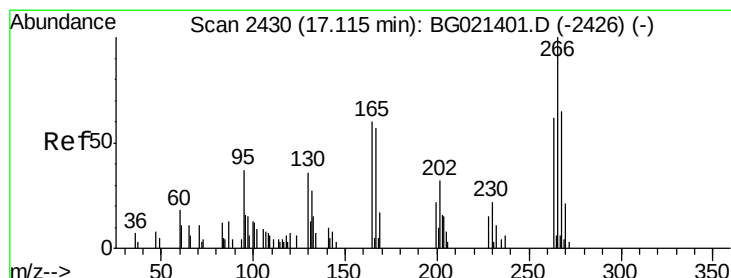
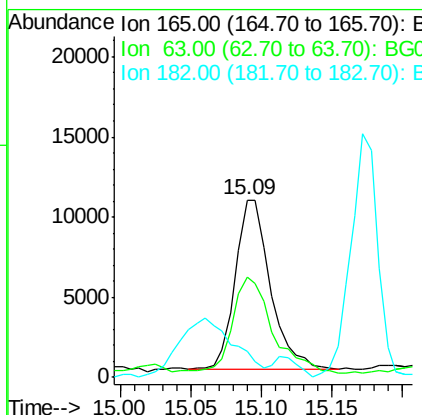
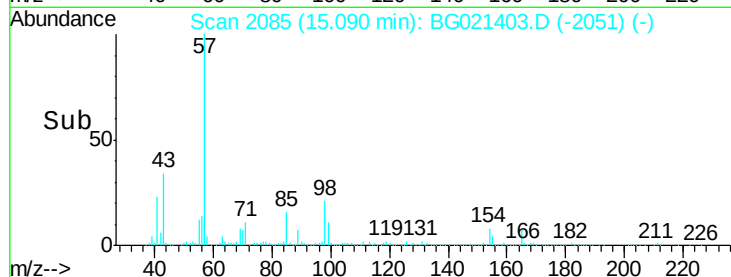
BLDG06-P001-SS001-01MS



Tgt Ion:	165	Resp:	18540
Ion Ratio	Lower	Upper	
165	100		
63	56.7	48.1	72.1
182	14.4	2.2	3.2#

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#69

Pentachlorophenol

Concen: 9.89 ng/ul

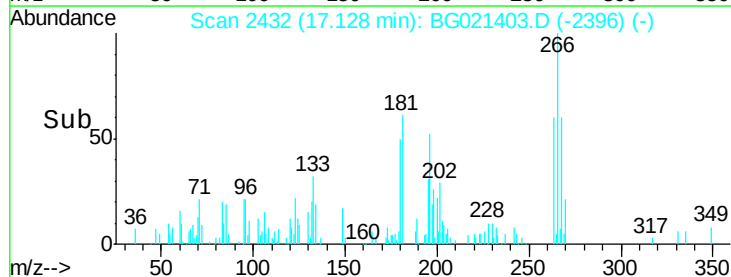
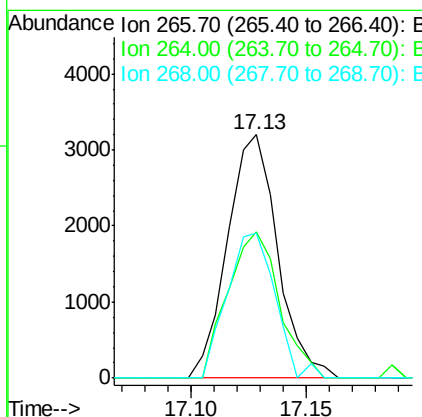
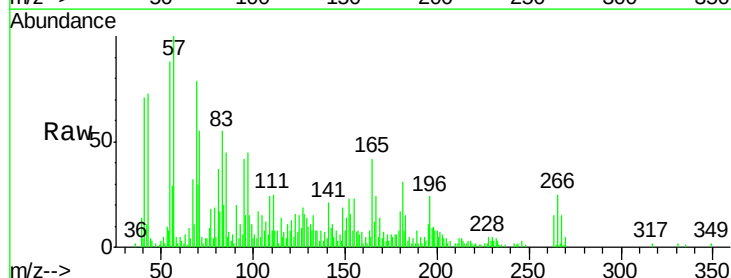
RT: 17.13 min Scan# 2432

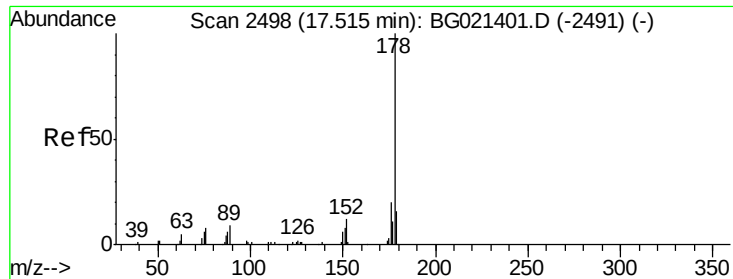
Delta R.T. 0.01 min

Lab File: BG021403.D

Acq: 10 Mar 2016 11:38

Tgt Ion:	266	Resp:	4836
Ion Ratio	Lower	Upper	
266	100		
264	60.3	56.7	85.1
268	64.4	50.6	76.0





#70

Phenanthrene

Concen: 5.48 ng/ul

RT: 17.52 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BG021403.D

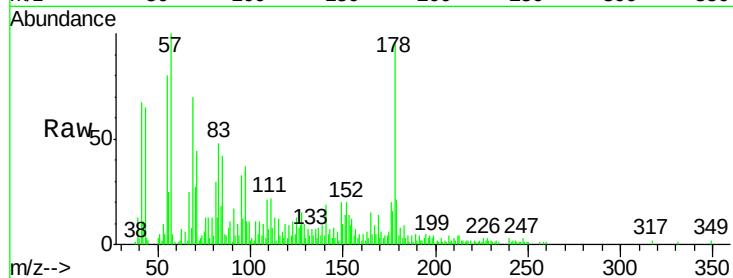
Acq: 10 Mar 2016 11:38

Instrument :

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ClientSampleId :

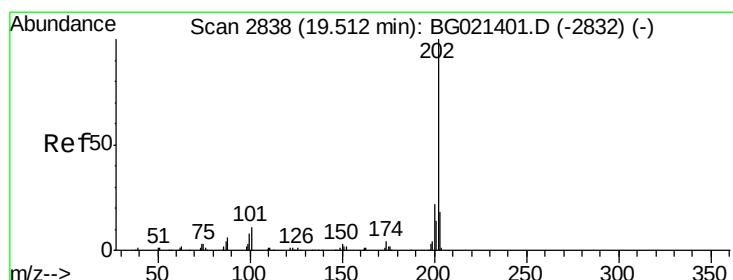
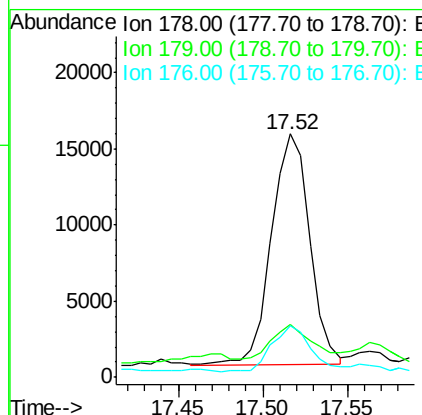
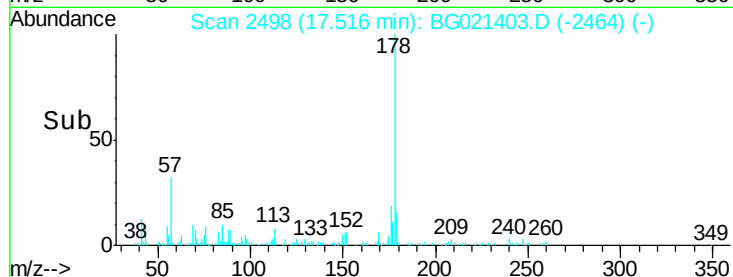
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Tgt Ion:	178	Resp:	23576
Ion Ratio	Lower	Upper	
178	100		
179	21.6	11.8	17.8#
176	21.1	14.8	22.2

Manual Integrations
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#77

Fluoranthene

Concen: 4.26 ng/ul

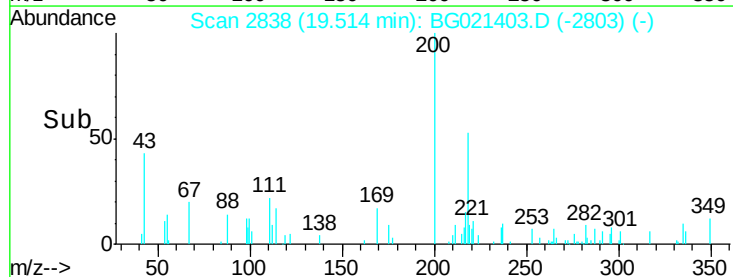
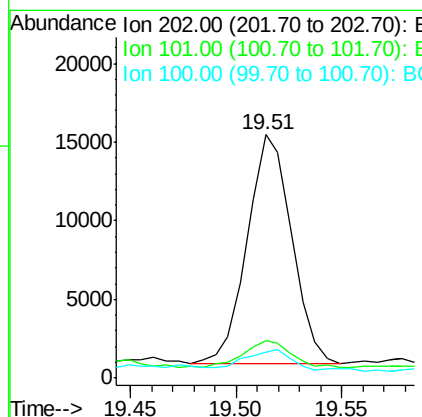
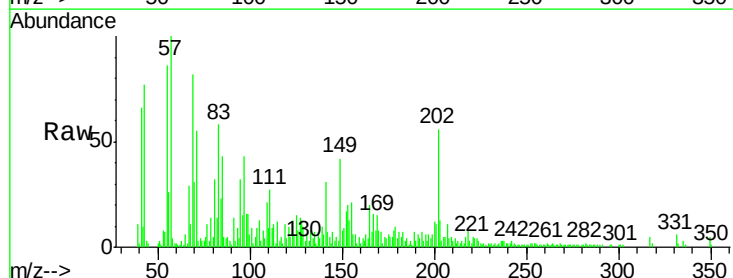
RT: 19.51 min Scan# 2838

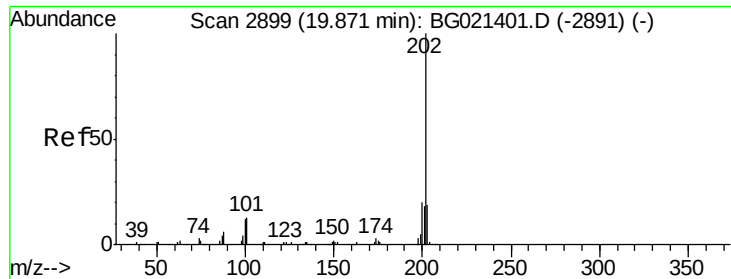
Delta R.T. 0.01 min

Lab File: BG021403.D

Acq: 10 Mar 2016 11:38

Tgt Ion:	202	Resp:	21192
Ion Ratio	Lower	Upper	
202	100		
101	15.4	8.9	13.3#
100	10.8	7.0	10.4#





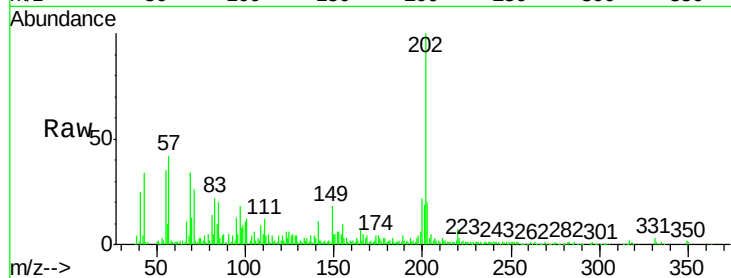
#80
 Pyrene
 Concen: 22.39 ng/ul
 RT: 19.88 min Scan# 2900
 Delta R.T. 0.01 min
 Lab File: BG021403.D
 Acq: 10 Mar 2016 11:38

Instrument :
 BNA_G
 ClientSampleId :
 BLDG06-P001-SS001-01MS

Tgt	Ion:202	Resp:	115735
Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
100	11.0	9.3	13.9

Manual Integrations
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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

