

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021404.D
 Acq On : 10 Mar 2016 12:18
 Operator : UM/SJ
 Sample : H1616-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 3/11/2016 5:27:27 PM

Quant Time: Mar 10 15:26:36 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	8.14	152	15072	20.00	ng/ul	0.02
18) Naphthalene-d8	10.95	136	62416	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.75	164	34458	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.50	188	71973	20.00	ng/ul	0.03
78) Chrysene-d12	21.76	240	81944	20.00	ng/ul	0.03
86) Perylene-d12	25.46	264	122763m	20.00	ng/ul	0.47

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	208	0.65	ng/uL	0.00
5) Phenol-d5	7.29	99	21751	12.75	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.45	67	14357	13.09	ng/ul	0.02
9) 2-Chlorophenol-d4	7.67	132	15868	13.62	ng/ul	0.02
13) 4-Methylphenol-d8	8.84	113	18244	13.23	ng/ul	0.02
19) Nitrobenzene-d5	9.31	128	8743	17.39	ng/ul	0.02
22) 2-Nitrophenol-d4	10.03	143	9196	16.65	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.57	165	15958	15.90	ng/ul	0.02
29) 4-Chloroaniline-d4	10.99	131	162	0.12	ng/ul	-0.07
44) Dimethylphthalate-d6	14.15	166	50787	17.03	ng/ul	0.02
47) Acenaphthylene-d8	14.45	160	62389	17.17	ng/ul	0.02
52) 4-Nitrophenol-d4	14.95	143	5350	9.49	ng/ul	0.03
58) Fluorene-d10	15.75	176	43287	16.52	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	15.86	200	2504	5.20	ng/ul	0.03
71) Anthracene-d10	17.59	188	60009	16.70	ng/ul	0.02
79) Pyrene-d10	19.87	212	69539	16.63	ng/ul	0.03
90) Benzo(a)pyrene-d12	25.25	264	61618m	9.39	ng/ul	0.48

Target Compounds

						Qvalue
6) Phenol	7.32	94	22740	12.58	ng/ul	94
10) 2-Chlorophenol	7.70	128	16375	13.10	ng/ul	97
14) Acetophenone	8.96	105	13314	5.84	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.93	70	24228	16.54	ng/ul#	92
28) Naphthalene	11.00	128	550117	157.18	ng/ul	98
33) 4-Chloro-3-methylphenol	12.22	107	19461	13.01	ng/ul	97
34) 2-Methylnaphthalene	12.59	142	5478	2.11	ng/ul#	78
45) Dimethylphthalate	14.19	163	20313	6.38	ng/ul	98
50) Acenaphthene	14.82	153	46084	17.81	ng/ul	98
53) 4-Nitrophenol	14.97	109	8063	11.78	ng/ul#	74
55) 2,4-Dinitrotoluene	15.11	165	18446	18.41	ng/ul#	97
69) Pentachlorophenol	17.15	266	4800	9.87	ng/ul#	89
70) Phenanthrene	17.53	178	29335	6.85	ng/ul#	88
72) Anthracene	17.63	178	5311	1.22	ng/ul#	61
77) Fluoranthene	19.53	202	26695	5.40	ng/ul#	86
80) Pyrene	19.89	202	127883	23.32	ng/ul	99

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

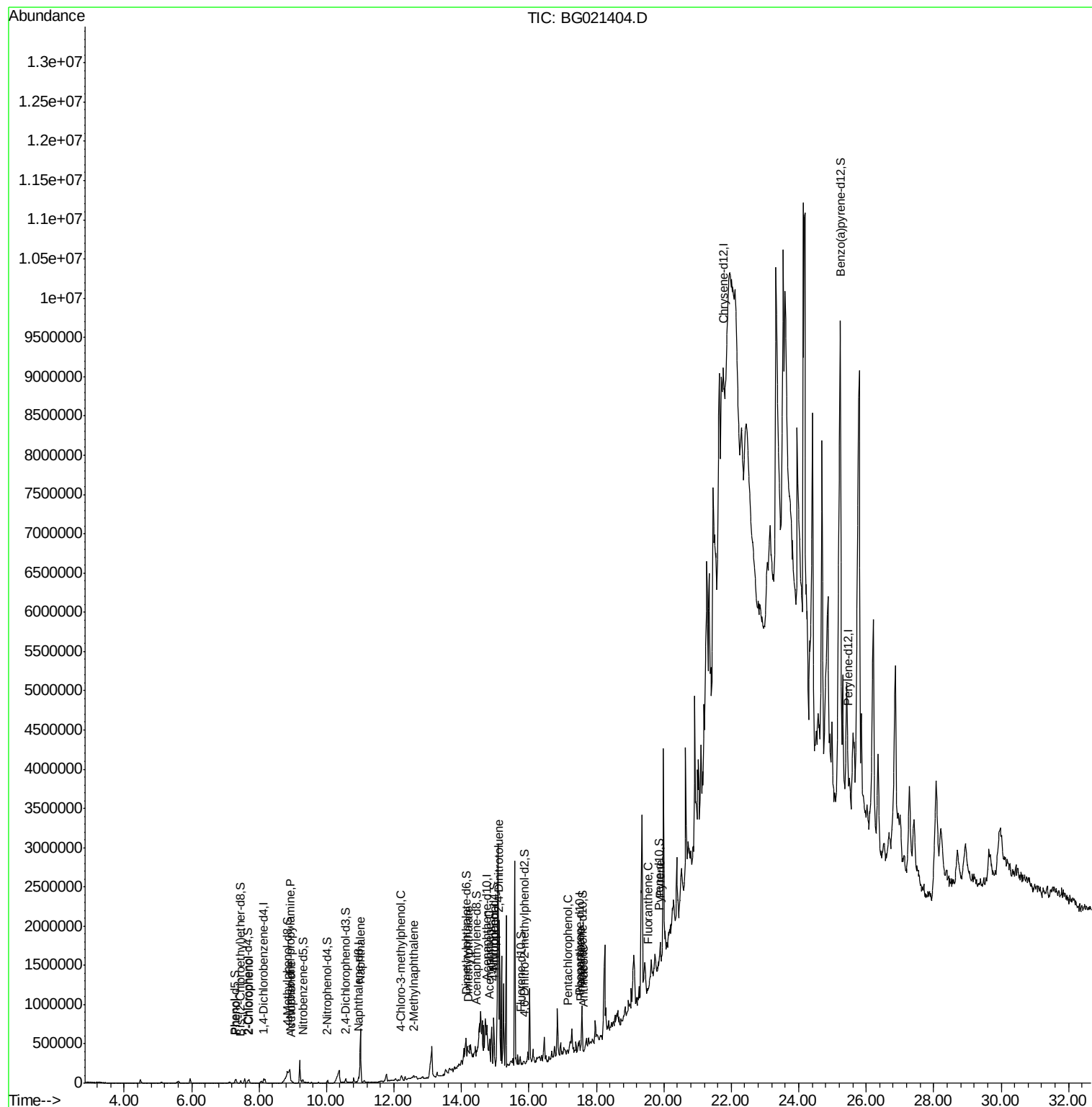
Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021404.D
Acq On : 10 Mar 2016 12:18
Operator : UM/SJ
Sample : H1616-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

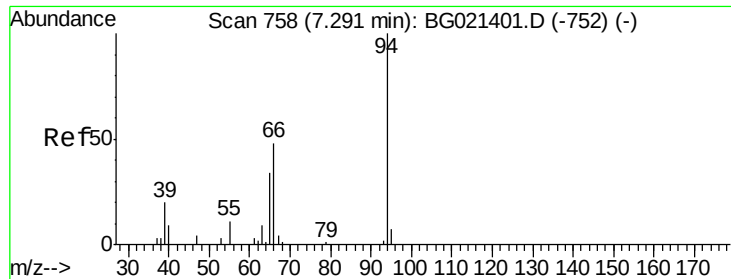
Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01MSD

Manual Integrations
APPROVED

Sohil
3/11/2016 5:27:27 PM

Quant Time: Mar 10 15:26:36 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





#6

Phenol

Concen: 12.58 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. 0.02 min

Lab File: BG021404.D

Acq: 10 Mar 2016 12:18

Instrument :

BNA_G

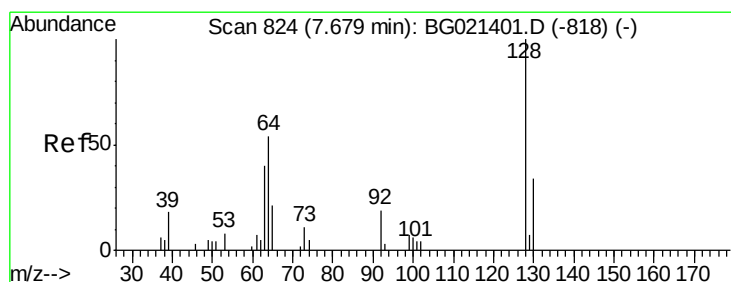
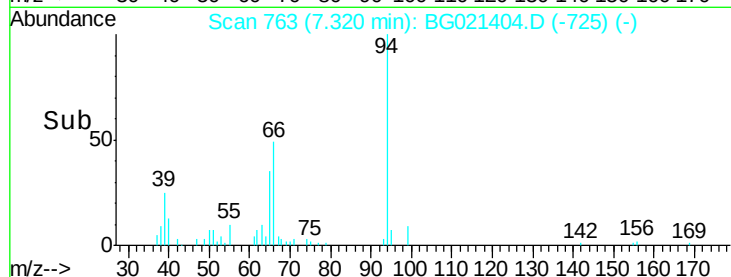
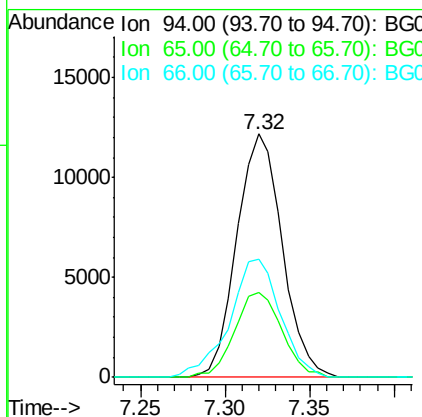
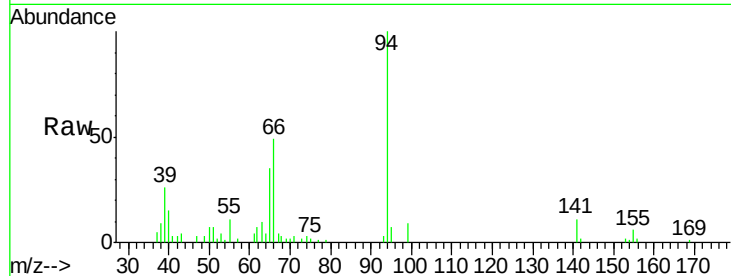
ClientSampleId :

BLDG06-P001-SS001-01MSD

Tgt Ion:	94	Resp:	22740
Ion	Ratio	Lower	Upper
94	100		
65	35.1	26.1	39.1
66	48.5	35.0	52.4

Manual Integrations
APPROVED

Sohil
3/11/2016 5:27:27 PM



#10

2-Chlorophenol

Concen: 13.10 ng/ul

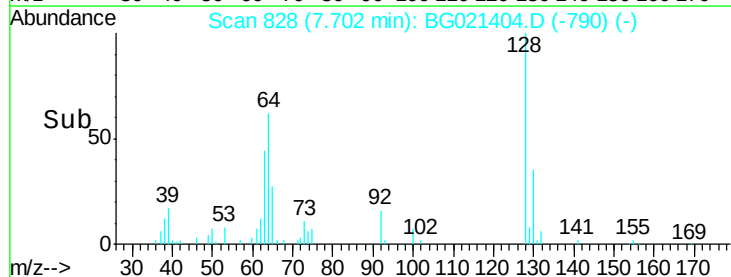
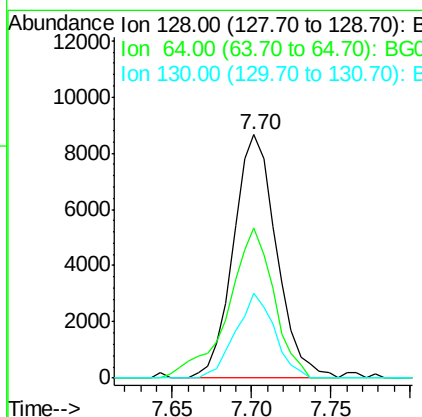
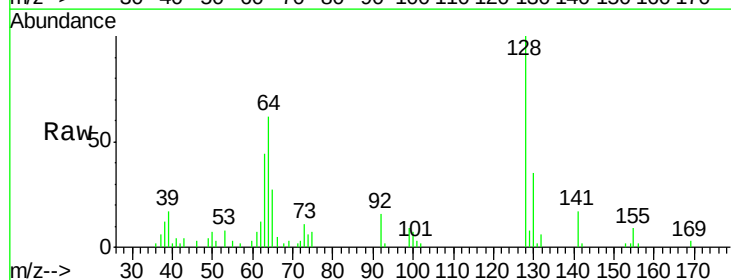
RT: 7.70 min Scan# 828

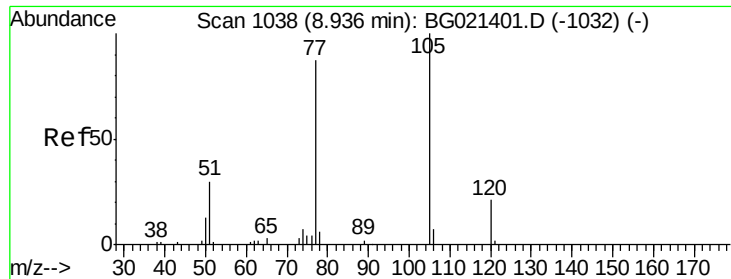
Delta R.T. 0.02 min

Lab File: BG021404.D

Acq: 10 Mar 2016 12:18

Tgt Ion:	128	Resp:	16375
Ion	Ratio	Lower	Upper
128	100		
64	61.8	47.0	70.6
130	34.9	27.8	41.6





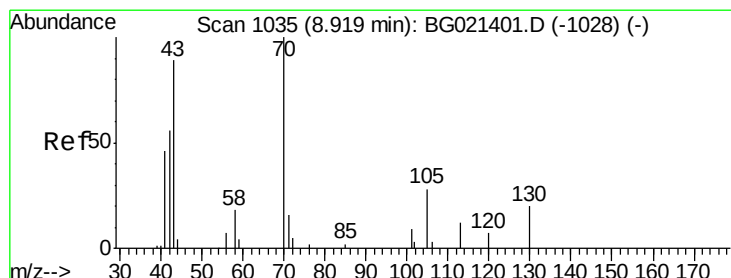
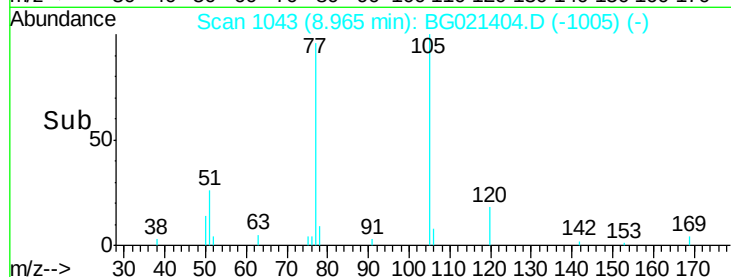
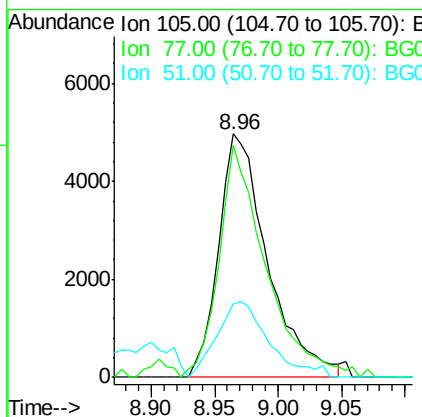
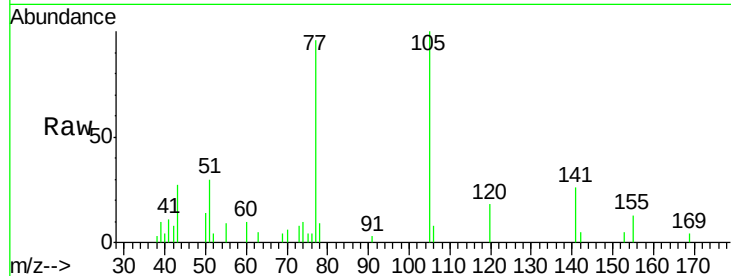
#14
Acetophenone
Concen: 5.84 ng/ul
RT: 8.96 min Scan# 1043
Delta R.T. 0.02 min
Lab File: BG021404.D
Acq: 10 Mar 2016 12:18

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

Tgt Ion	Ratio	Lower	Upper
105	100		
77	95.6	76.3	114.5
51	30.1	27.6	41.4

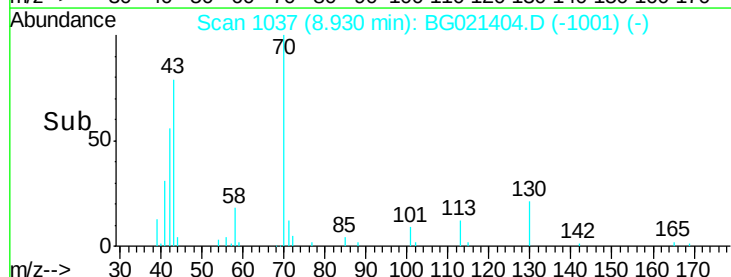
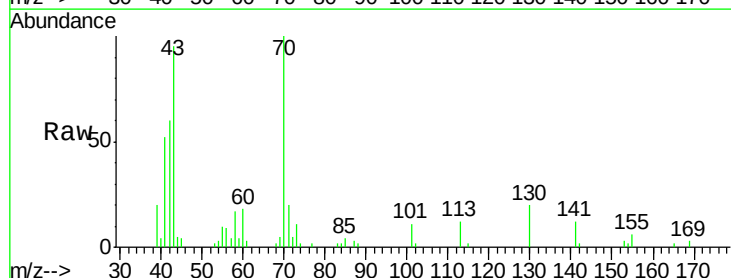
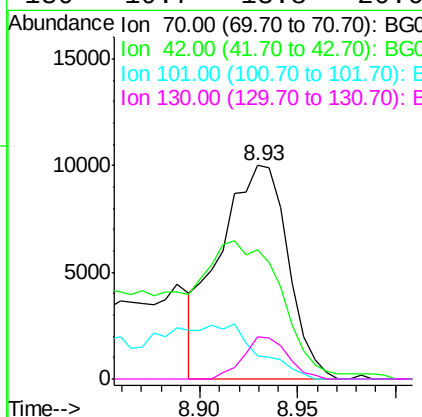
Manual Integrations
APPROVED

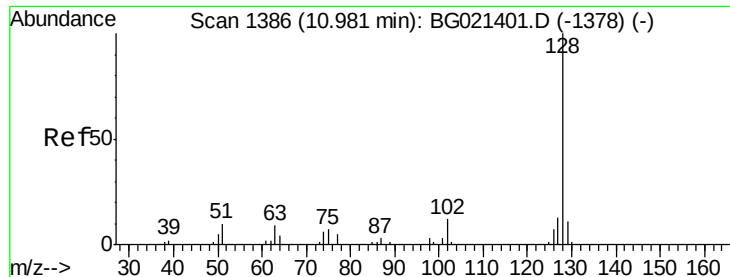
Sohil
3/11/2016 5:27:27 PM



#15
N-Nitroso-di-n-propylamine
Concen: 16.54 ng/ul
RT: 8.93 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG021404.D
Acq: 10 Mar 2016 12:18

Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.4	43.4	65.0
101	10.6	6.5	9.7#
130	19.7	13.8	20.6





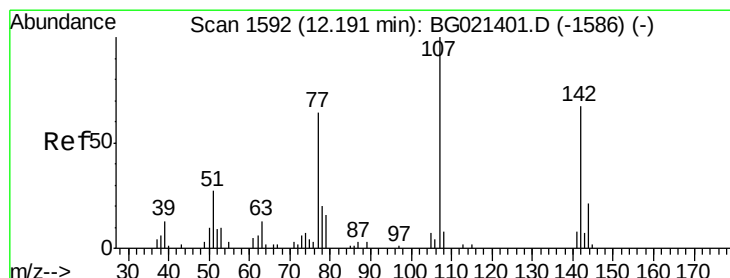
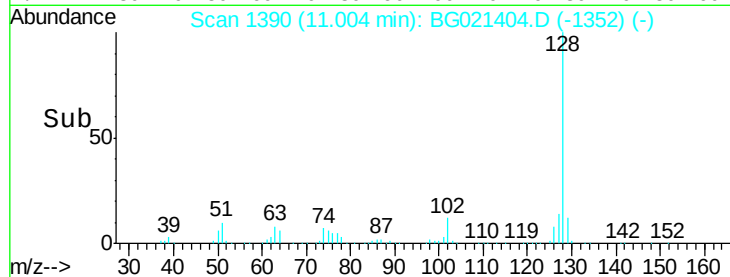
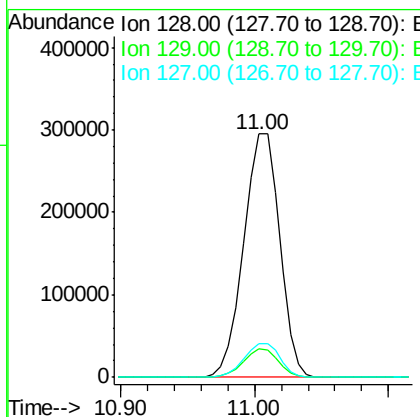
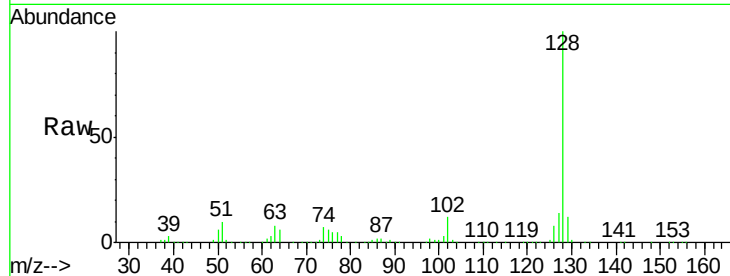
#28
Naphthalene
Concen: 157.18 ng/ul
RT: 11.00 min Scan# 1390
Delta R.T. 0.02 min
Lab File: BG021404.D
Acq: 10 Mar 2016 12:18

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.6	8.3	12.5
127	14.0	10.8	16.2

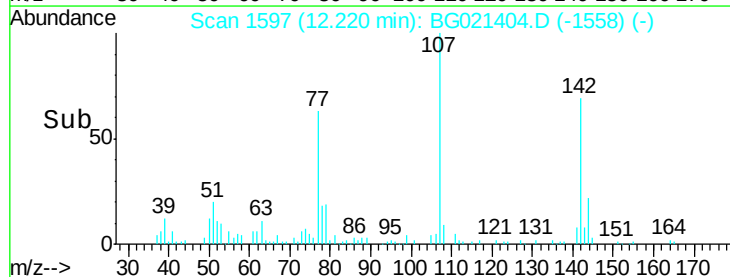
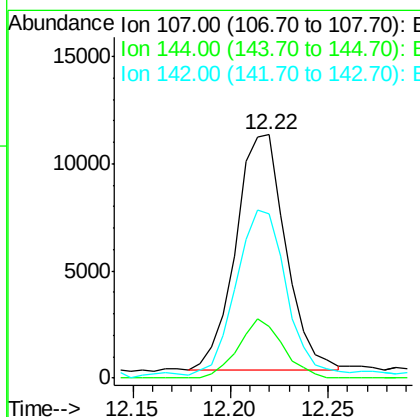
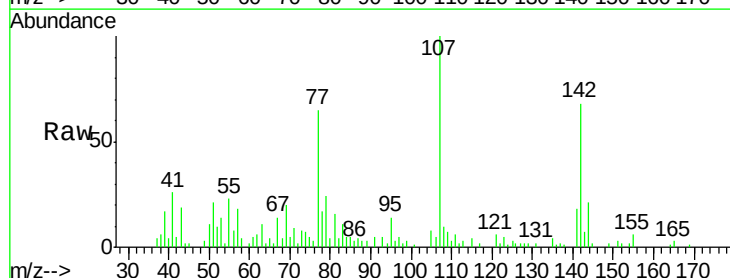
Manual Integrations
APPROVED

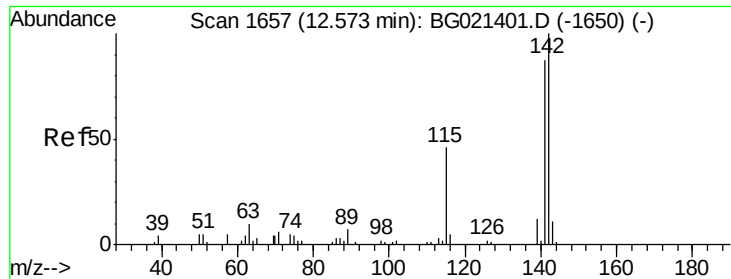
Sohil
3/11/2016 5:27:27 PM



#33
4-Chloro-3-methylphenol
Concen: 13.01 ng/ul
RT: 12.22 min Scan# 1597
Delta R.T. 0.03 min
Lab File: BG021404.D
Acq: 10 Mar 2016 12:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
144	21.0	17.2	25.8
142	67.6	52.0	78.0





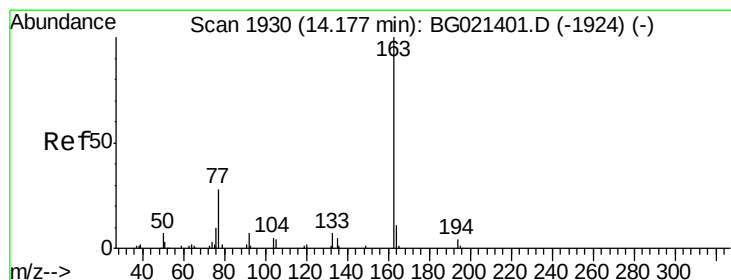
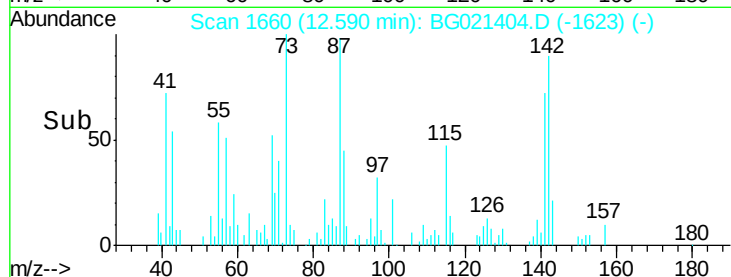
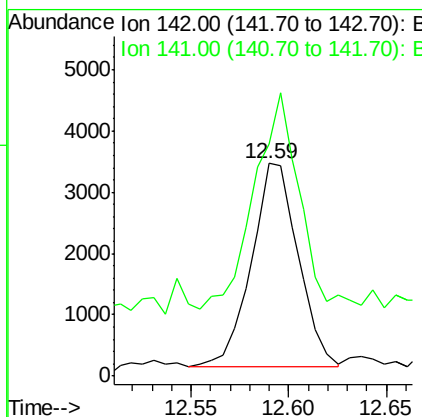
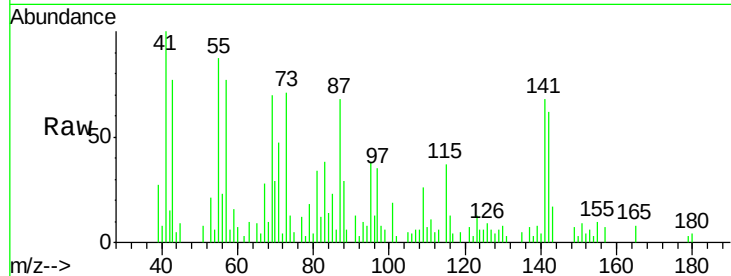
#34
 2-Methylnaphthalene
 Concen: 2.11 ng/ul
 RT: 12.59 min Scan# 1660
 Delta R.T. 0.02 min
 Lab File: BG021404.D
 Acq: 10 Mar 2016 12:18

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

Tgt Ion:142 Resp: 5478
 Ion Ratio Lower Upper
 142 100
 141 109.3 71.3 106.9#

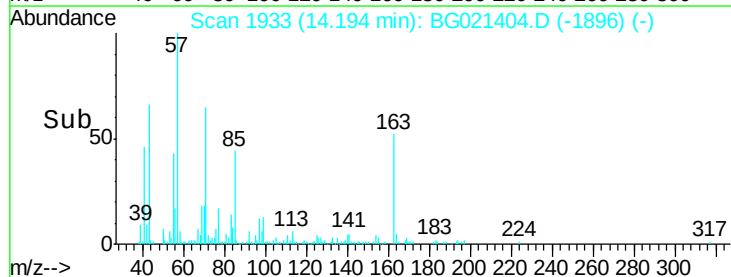
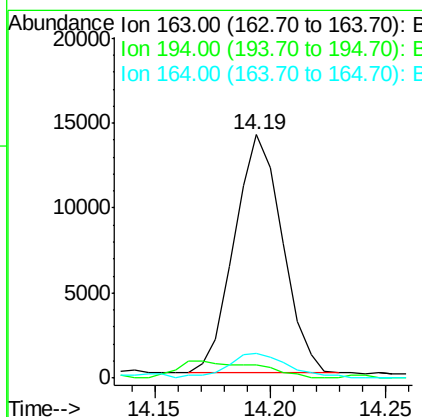
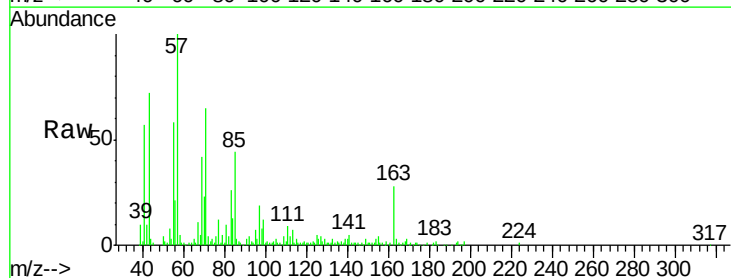
Manual Integrations
 APPROVED

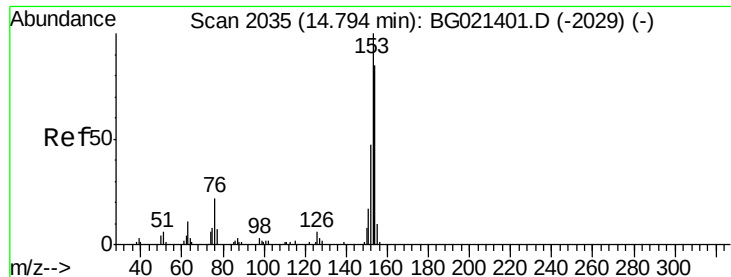
Sohil
 3/11/2016 5:27:27 PM



#45
 Dimethylphthalate
 Concen: 6.38 ng/ul
 RT: 14.19 min Scan# 1933
 Delta R.T. 0.02 min
 Lab File: BG021404.D
 Acq: 10 Mar 2016 12:18

Tgt Ion:163 Resp: 20313
 Ion Ratio Lower Upper
 163 100
 194 5.5 3.9 5.9
 164 10.1 8.7 13.1





#50

Acenaphthene

Concen: 17.81 ng/ul

RT: 14.82 min Scan# 2039

Delta R.T. 0.02 min

Lab File: BG021404.D

Acq: 10 Mar 2016 12:18

Instrument :

BNA_G

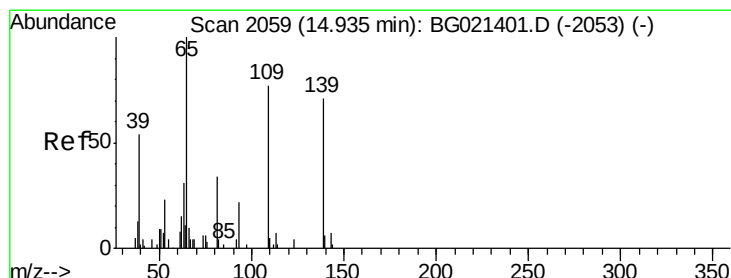
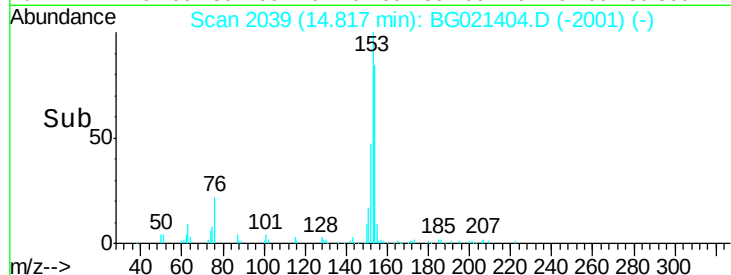
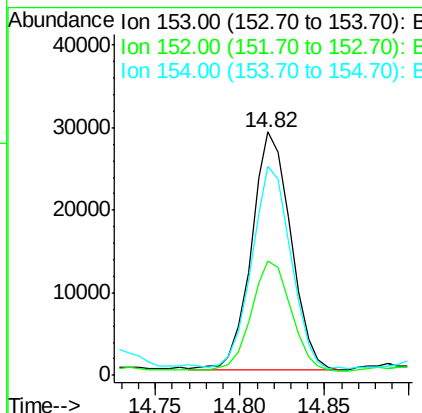
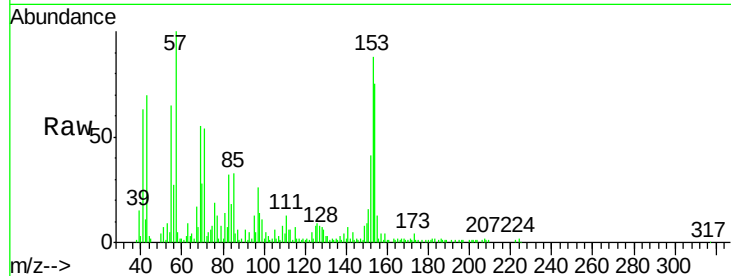
ClientSampleId :

BLDG06-P001-SS001-01MSD

Tgt Ion:	153	Resp:	46084
Ion Ratio	Lower	Upper	
153	100		
152	47.2	36.5	54.7
154	85.7	67.3	100.9

Manual Integrations
APPROVED

Sohil
3/11/2016 5:27:27 PM



#53

4-Nitrophenol

Concen: 11.78 ng/ul

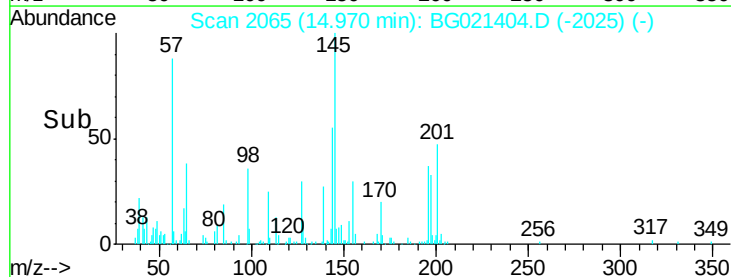
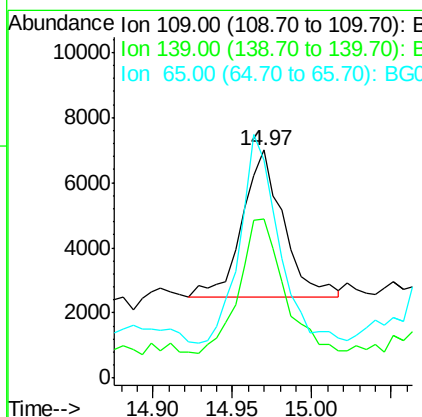
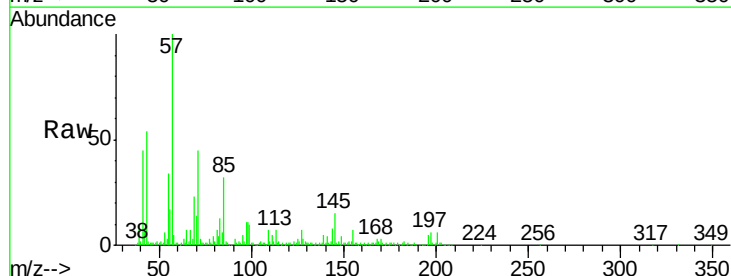
RT: 14.97 min Scan# 2065

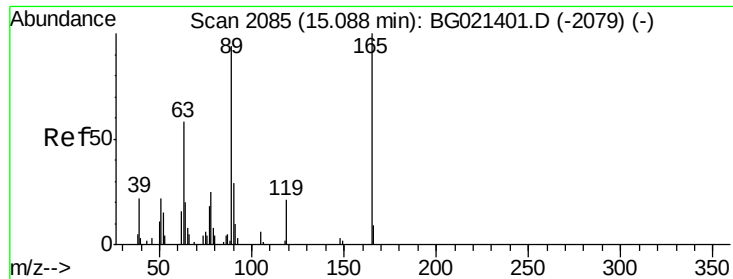
Delta R.T. 0.03 min

Lab File: BG021404.D

Acq: 10 Mar 2016 12:18

Tgt Ion:	109	Resp:	8063
Ion Ratio	Lower	Upper	
109	100		
139	69.5	75.9	113.9#
65	95.9	99.8	149.8#





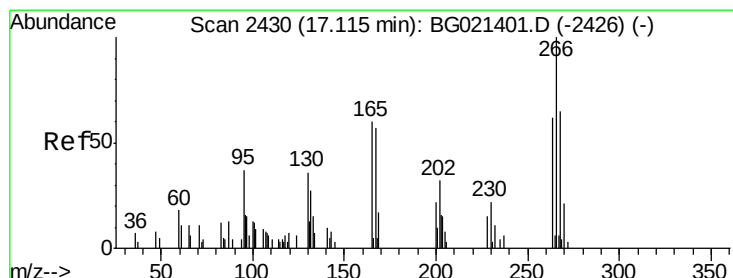
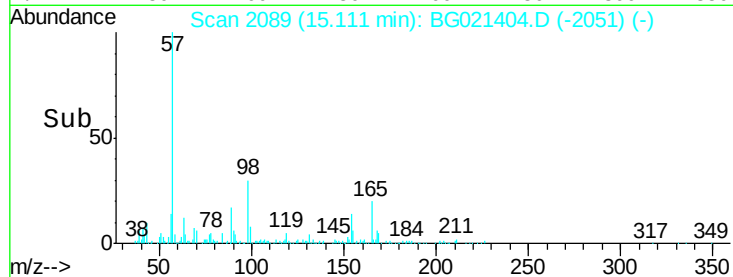
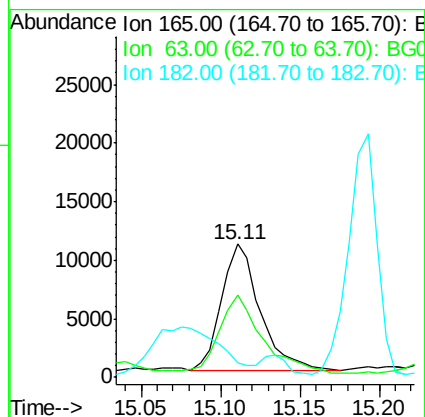
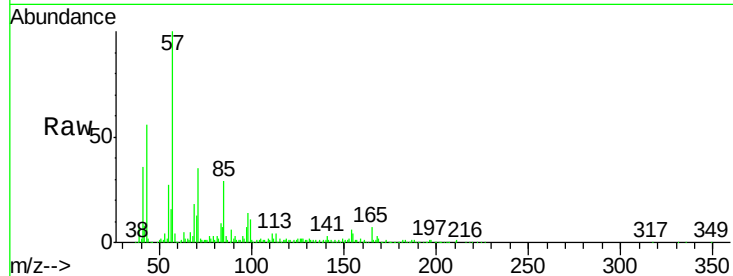
#55
 2,4-Dinitrotoluene
 Concen: 18.41 ng/ul
 RT: 15.11 min Scan# 2089
 Delta R.T. 0.02 min
 Lab File: BG021404.D
 Acq: 10 Mar 2016 12:18

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.9	48.1	72.1
182	10.4	2.2	3.2

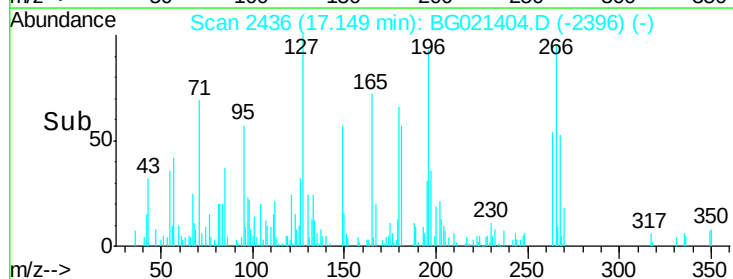
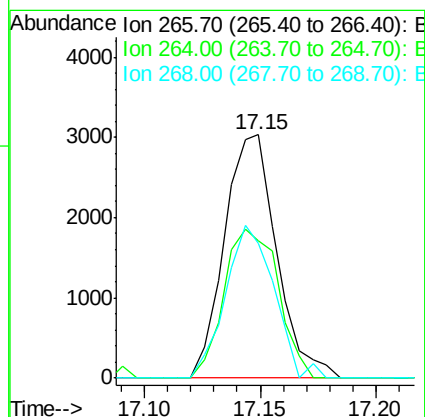
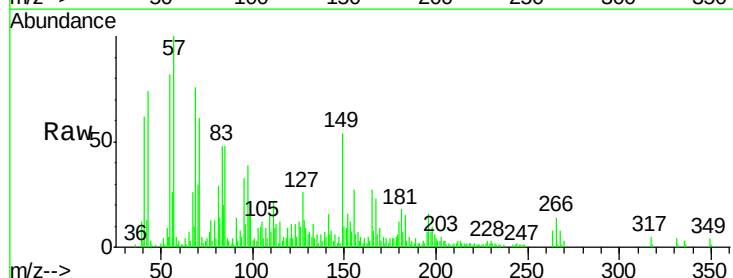
Manual Integrations
 APPROVED

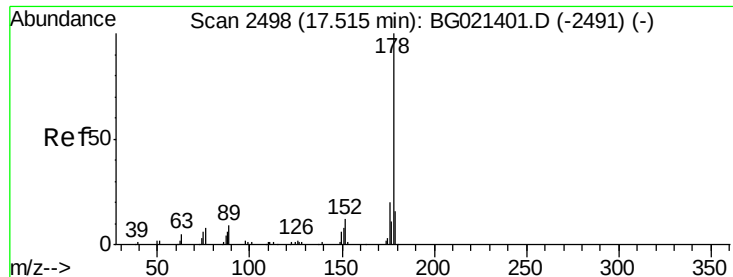
Sohil
 3/11/2016 5:27:27 PM



#69
 Pentachlorophenol
 Concen: 9.87 ng/ul
 RT: 17.15 min Scan# 2436
 Delta R.T. 0.03 min
 Lab File: BG021404.D
 Acq: 10 Mar 2016 12:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	56.6	56.7	85.1
268	60.4	50.6	76.0





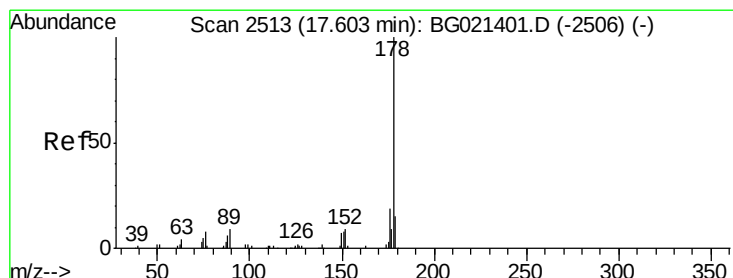
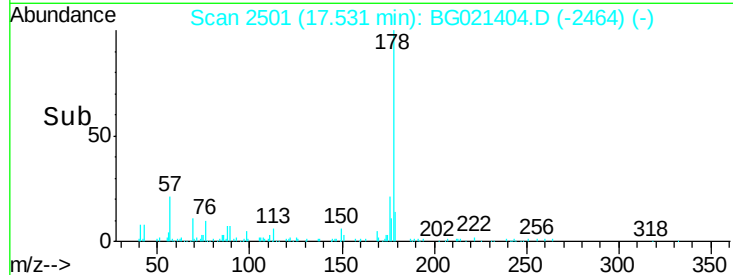
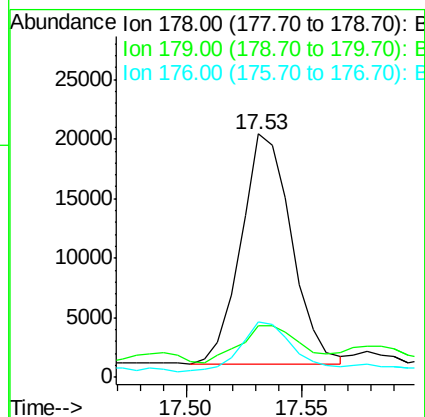
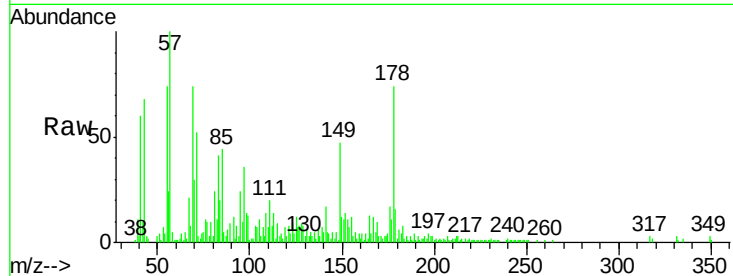
#70
Phenanthrene
Concen: 6.85 ng/ul
RT: 17.53 min Scan# 2501
Delta R.T. 0.02 min
Lab File: BG021404.D
Acq: 10 Mar 2016 12:18

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

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.4	11.8	17.8#
176	22.7	14.8	22.2#

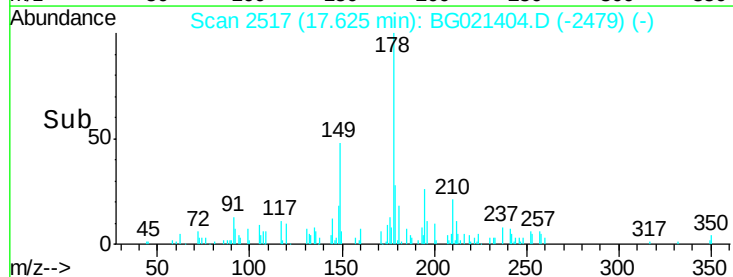
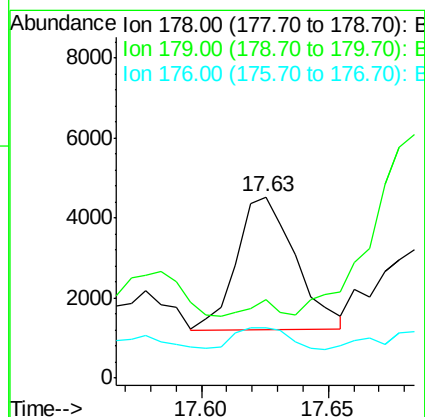
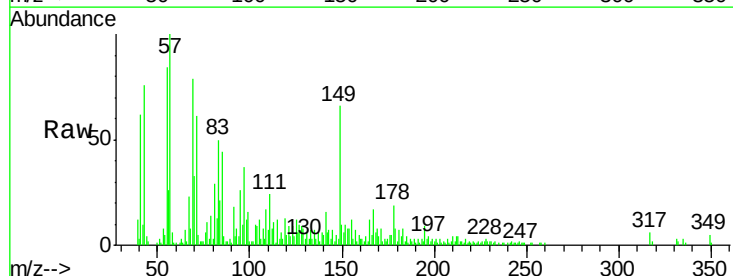
Manual Integrations
APPROVED

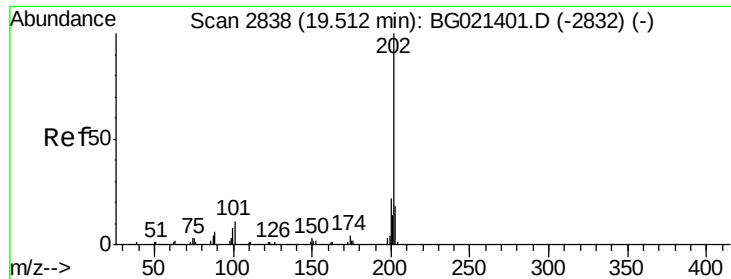
Sohil
3/11/2016 5:27:27 PM



#72
Anthracene
Concen: 1.22 ng/ul
RT: 17.63 min Scan# 2517
Delta R.T. 0.02 min
Lab File: BG021404.D
Acq: 10 Mar 2016 12:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	43.6	12.9	19.3#
176	27.5	15.6	23.4#





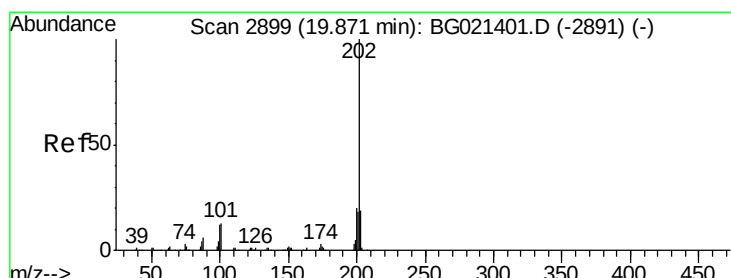
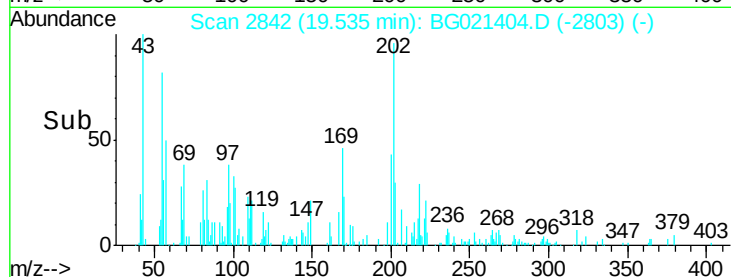
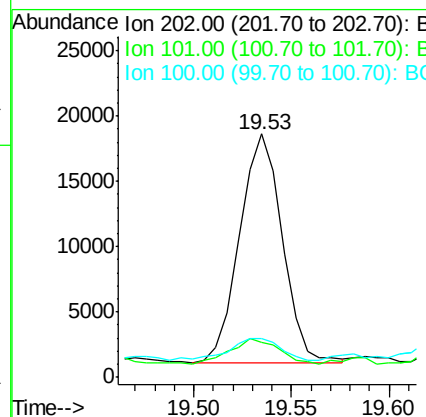
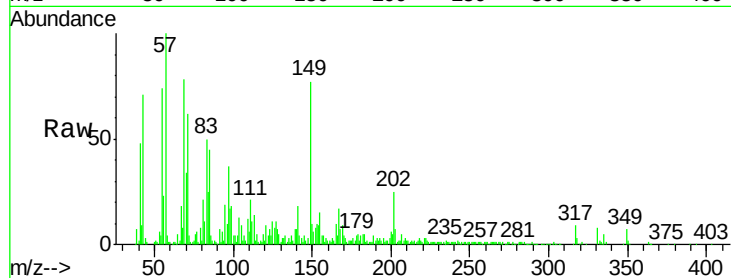
#77
Fluoranthene
Concen: 5.40 ng/ul
RT: 19.53 min Scan# 2842
Delta R.T. 0.03 min
Lab File: BG021404.D
Acq: 10 Mar 2016 12:18

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.4	8.9	13.3#
100	16.1	7.0	10.4#

Manual Integrations
APPROVED

Sohil
3/11/2016 5:27:27 PM



#80
Pyrene
Concen: 23.32 ng/ul
RT: 19.89 min Scan# 2903
Delta R.T. 0.02 min
Lab File: BG021404.D
Acq: 10 Mar 2016 12:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.9	9.8	14.8
100	12.0	9.3	13.9

