

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
 Data File : BG023816.D
 Acq On : 20 Aug 2016 14:04
 Operator : UM/SJ
 Sample : H4496-14MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHPT9MSD

Manual Integrations
 APPROVED

sohil
 8/22/2016 3:53:55 PM

Quant Time: Aug 22 04:44:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 22 03:42:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	111383	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	460976	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.76	164	292780	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	658228m	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	746774	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	749233	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	13589	5.54	ng/uL	0.00
5) Phenol-d5	7.25	99	297265	28.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	209927	29.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	215563	29.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	234664	28.74	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	110547	29.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	131940	31.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	225472m	29.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	273894m	29.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	741025	30.53	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	844144	30.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	101337	25.83	ng/ul	0.00
57) Fluorene-d10	15.76	176	638499	30.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	104522m	25.05	ng/ul	0.00
70) Anthracene-d10	17.63	188	959093	31.60	ng/ul	0.00
76) Pyrene-d10	19.92	212	1100756	30.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1114631	32.49	ng/ul	0.01

Target Compounds

						Qvalue
6) Phenol	7.28	94	325613	30.43	ng/ul#	70
10) 2-Chlorophenol	7.66	128	210909m	27.89	ng/ul	
15) N-Nitroso-di-n-propylamine	8.90	70	231126	28.11	ng/ul#	85
33) 4-Chloro-3-methylphenol	12.22	107	273263m	28.85	ng/ul	
44) Dimethylphthalate	14.21	163	482550	19.88	ng/ul	98
49) Acenaphthene	14.83	153	574450	29.95	ng/ul	96
52) 4-Nitrophenol	15.00	109	106786m	27.10	ng/ul	
54) 2,4-Dinitrotoluene	15.14	165	218983	28.92	ng/ul#	69
68) Pentachlorophenol	17.19	266	118810	33.57	ng/ul	94
77) Pyrene	19.95	202	1309607	29.67	ng/ul#	93

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

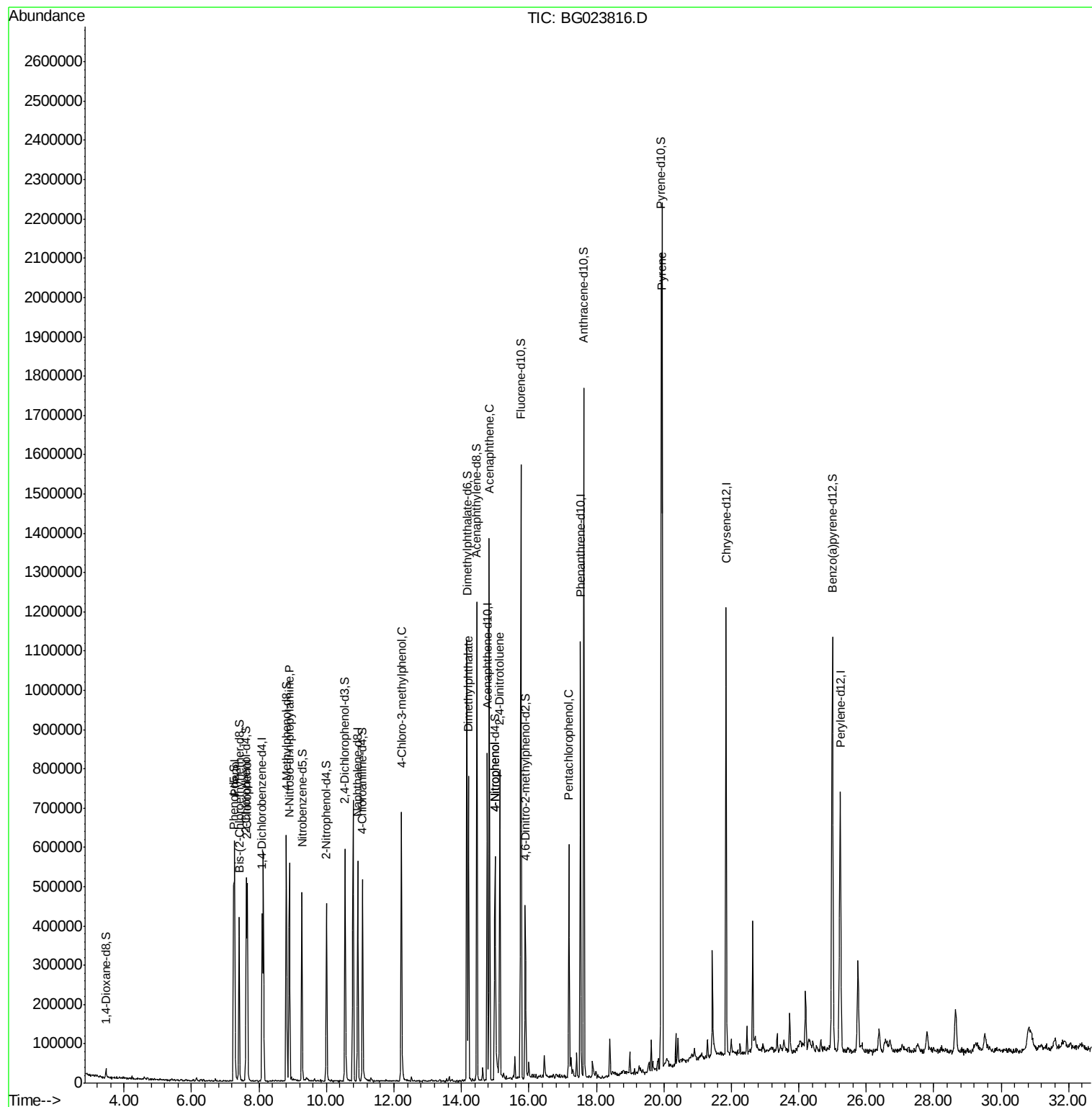
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
Data File : BG023816.D
Acq On : 20 Aug 2016 14:04
Operator : UM/SJ
Sample : H4496-14MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

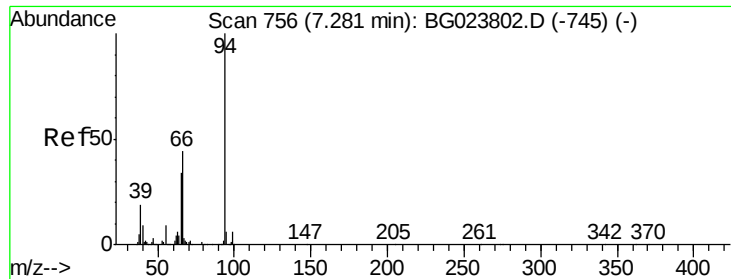
Instrument :
BNA_G
ClientSampleId :
JHPT9MSD

Manual Integrations
APPROVED

sohil
8/22/2016 3:53:55 PM

Quant Time: Aug 22 04:44:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 22 03:42:09 2016
Response via : Initial Calibration





#6

Phenol

Concen: 30.43 ng/ul

RT: 7.28 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG023816.D

Acq: 20 Aug 2016 14:04

Instrument :

BNA_G

ClientSampleId :

JHPT9MSD

Tgt Ion: 94 Resp: 325613

Ion Ratio Lower Upper

94 100

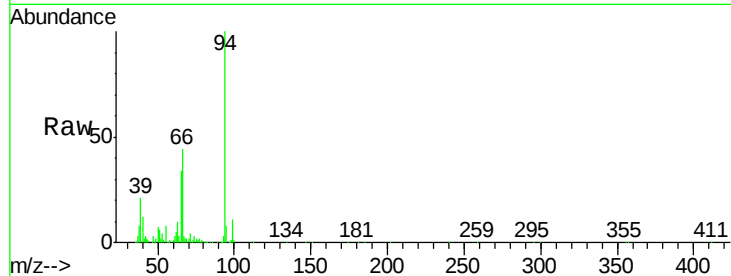
65 34.5 16.8 25.2#

66 44.3 22.6 33.8#

Manual Integrations
APPROVED

sohil

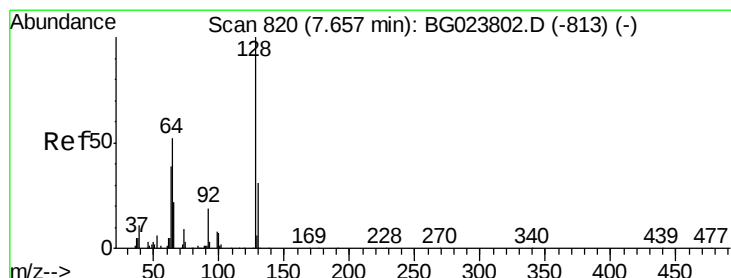
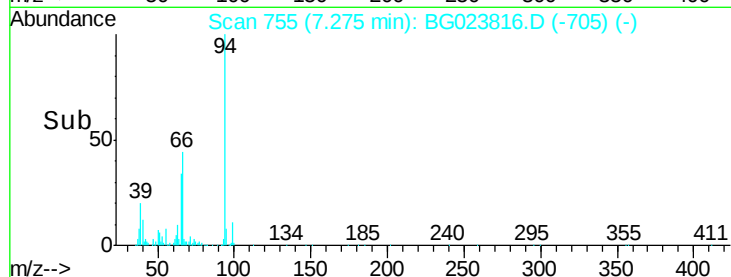
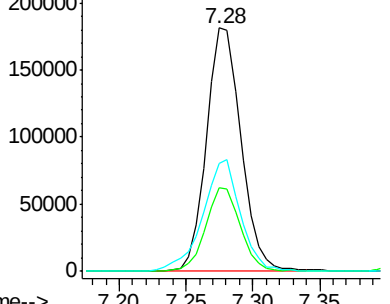
8/22/2016 3:53:55 PM



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#10

2-Chlorophenol

Concen: 27.89 ng/ul m

RT: 7.66 min Scan# 820

Delta R.T. 0.00 min

Lab File: BG023816.D

Acq: 20 Aug 2016 14:04

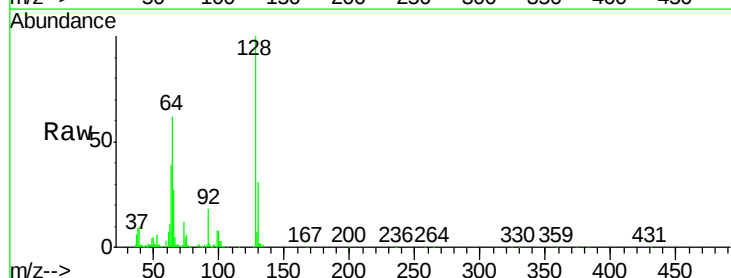
Tgt Ion: 128 Resp: 210909

Ion Ratio Lower Upper

128 100

64 62.1 34.2 51.4#

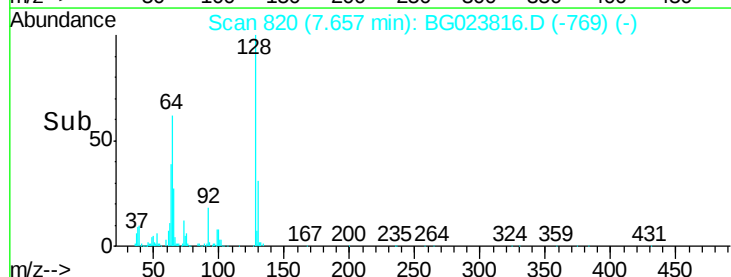
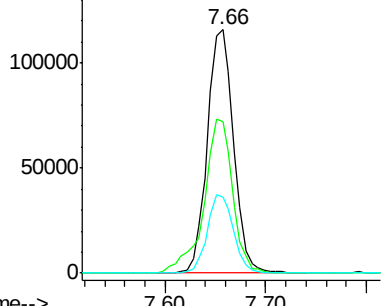
130 31.4 27.0 40.4

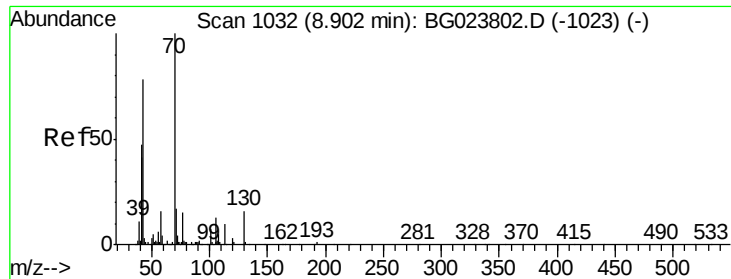


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): E





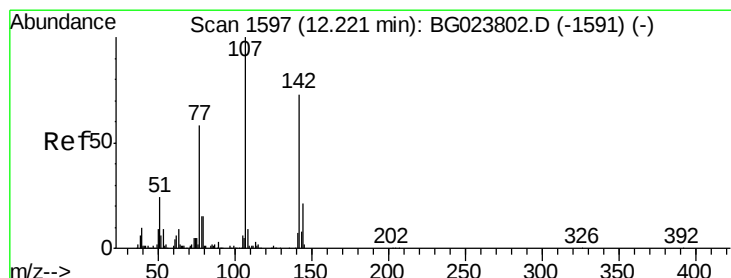
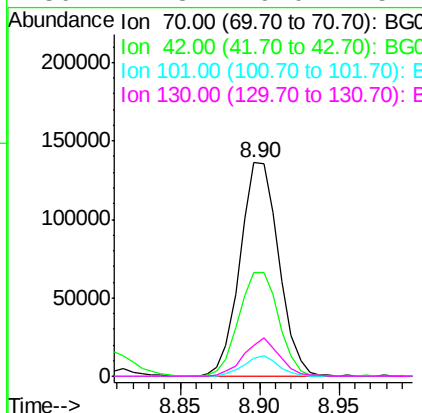
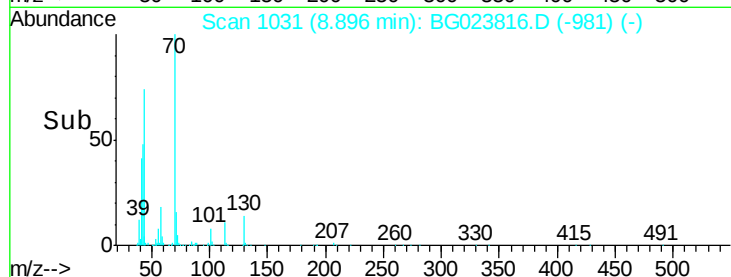
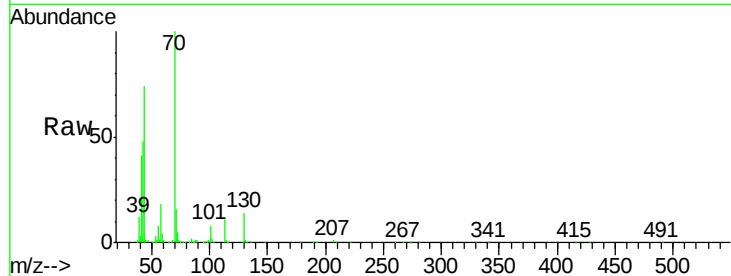
#15
N-Nitroso-di-n-propylamine
Concen: 28.11 ng/ul
RT: 8.90 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG023816.D
Acq: 20 Aug 2016 14:04

Instrument :
BNA_G
ClientSampleId :
JHPT9MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.3	31.4	47.2#
101	8.2	8.6	13.0#
130	14.3	19.0	28.4#

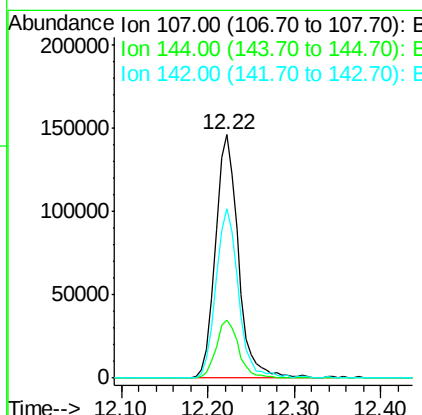
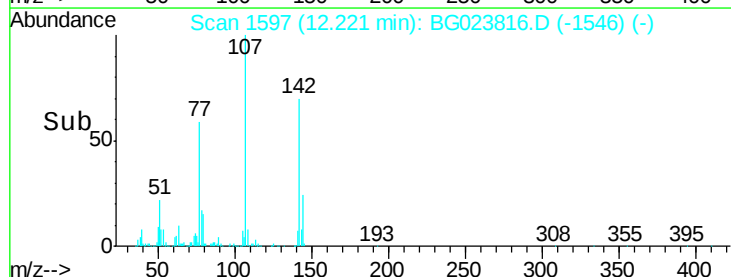
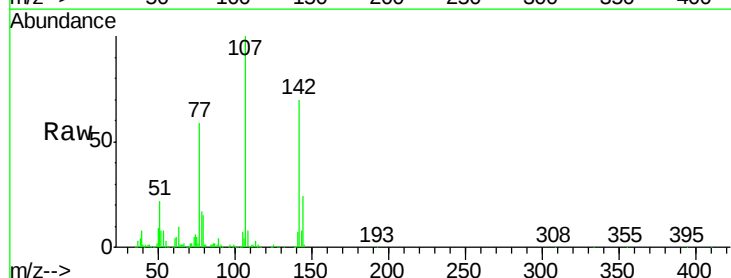
Manual Integrations
APPROVED

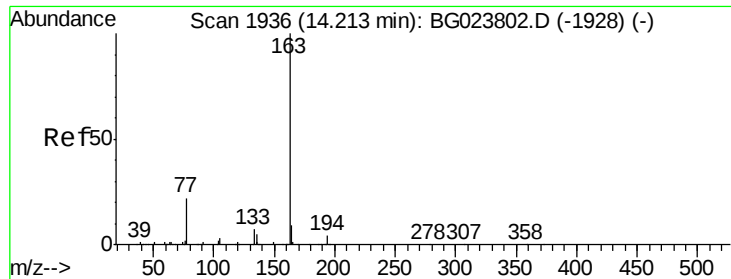
sohil
8/22/2016 3:53:55 PM



#33
4-Chloro-3-methylphenol
Concen: 28.85 ng/ul m
RT: 12.22 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG023816.D
Acq: 20 Aug 2016 14:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	22.7	34.1
142	69.8	71.6	107.4#





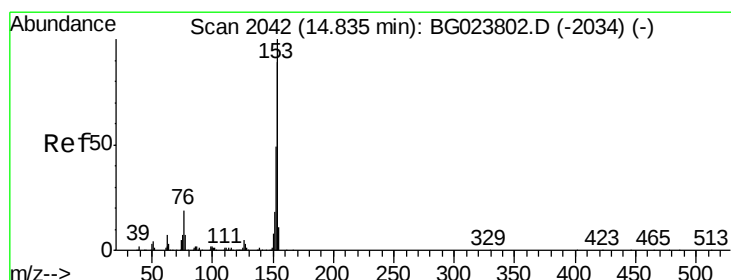
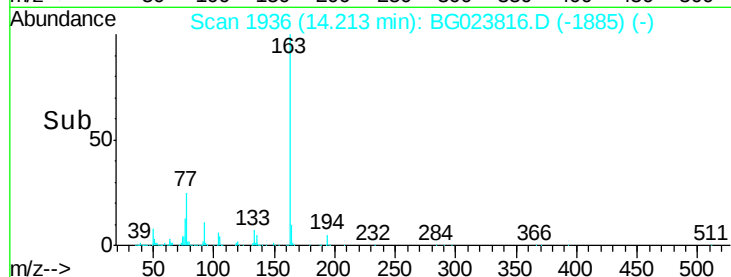
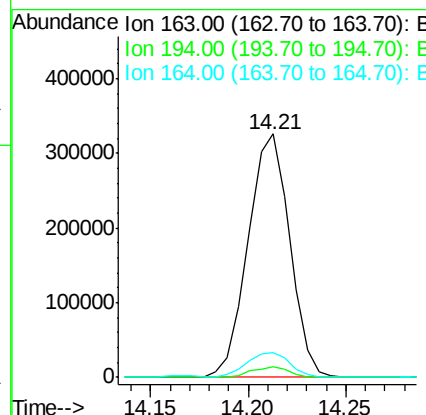
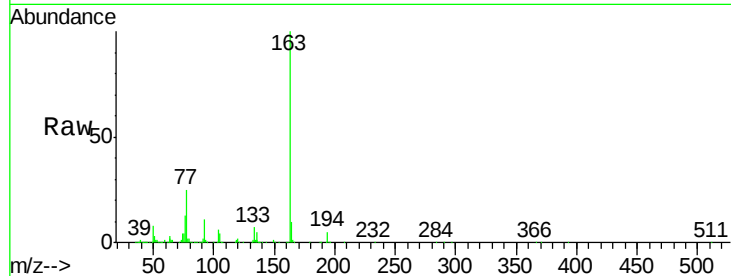
#44
Dimethylphthalate
Concen: 19.88 ng/ul
RT: 14.21 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG023816.D
Acq: 20 Aug 2016 14:04

Instrument :
BNA_G
ClientSampleId :
JHPT9MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	482550		
194	4.5		3.4	5.2
164	10.2		8.8	13.2

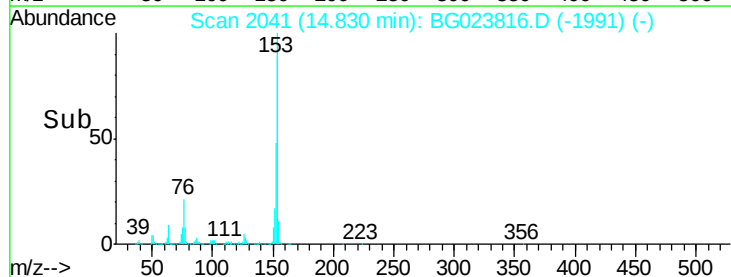
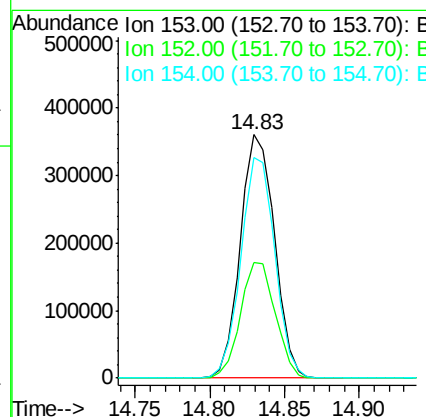
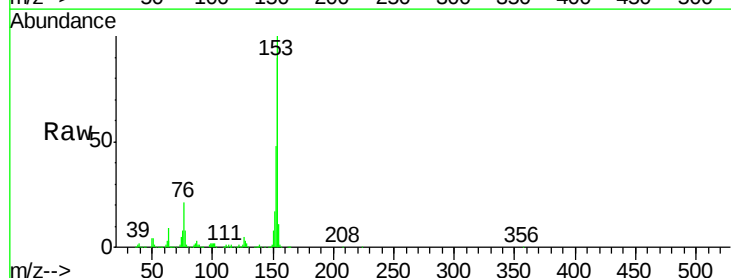
Manual Integrations
APPROVED

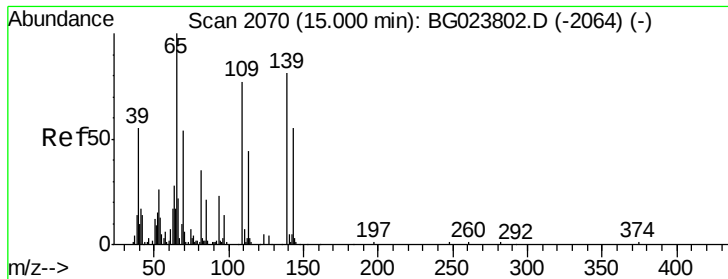
sohil
8/22/2016 3:53:55 PM



#49
Acenaphthene
Concen: 29.95 ng/ul
RT: 14.83 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG023816.D
Acq: 20 Aug 2016 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	574450		
152	47.6		37.3	55.9
154	90.4		68.2	102.2





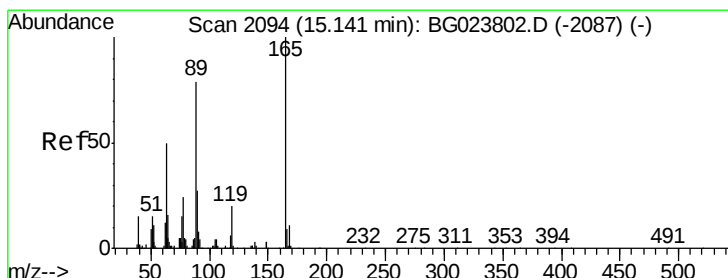
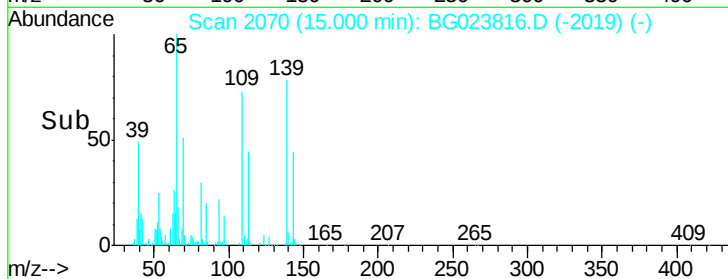
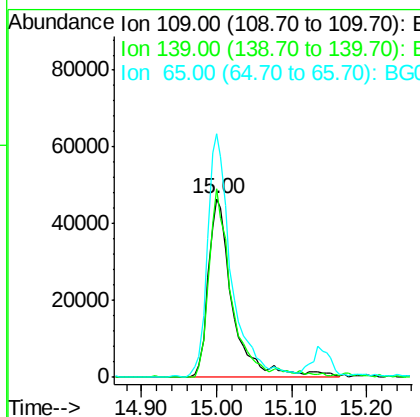
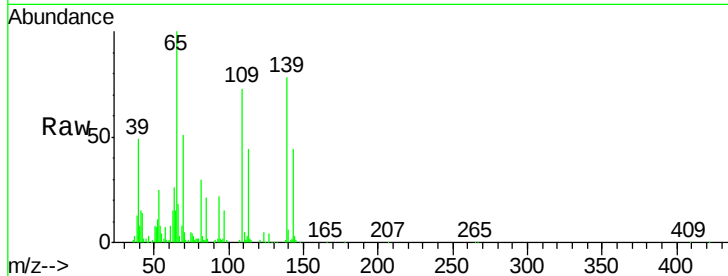
#52
4-Nitrophenol
Concen: 27.10 ng/ul m
RT: 15.00 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BG023816.D
Acq: 20 Aug 2016 14:04

Instrument :
BNA_G
ClientSampleId :
JHPT9MSD

Tgt Ion	Ratio	Resp	Lower	Upper
109	100			
139	105.6	136.1	204.1#	
65	136.2	106.0	159.0	

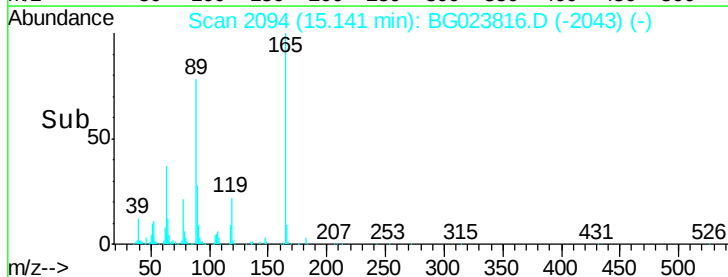
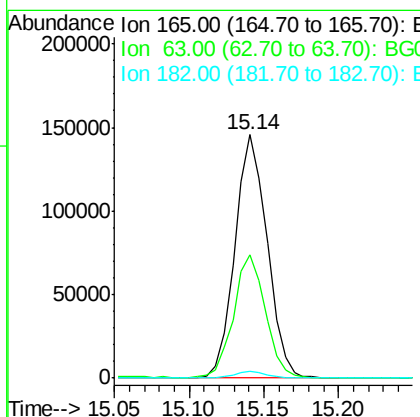
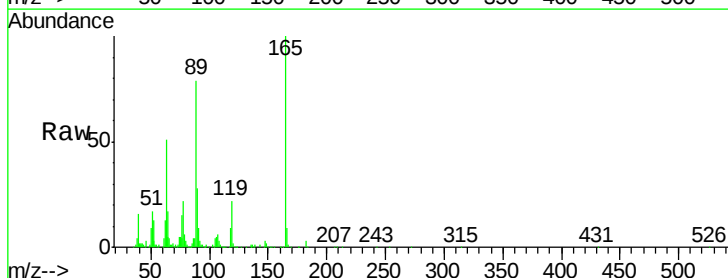
Manual Integrations
APPROVED

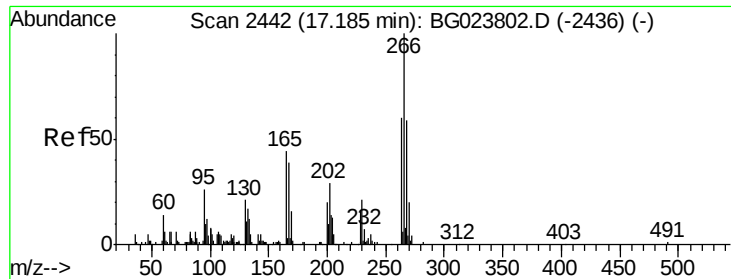
sohil
8/22/2016 3:53:55 PM



#54
2,4-Dinitrotoluene
Concen: 28.92 ng/ul
RT: 15.14 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BG023816.D
Acq: 20 Aug 2016 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.8	25.7	38.5#	
182	3.0	2.1	3.1	





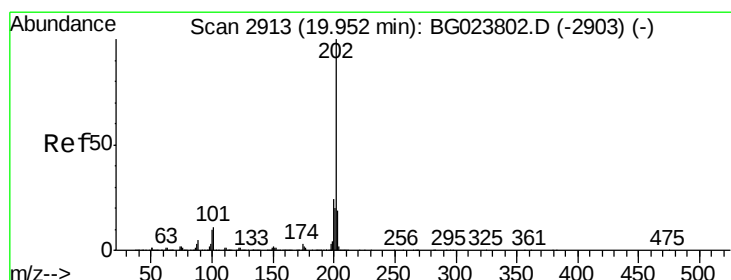
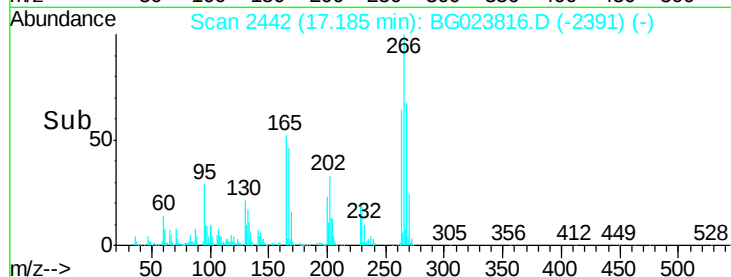
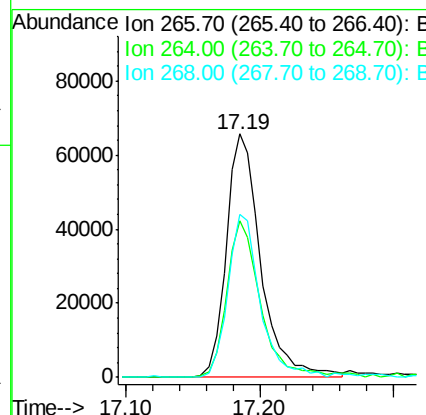
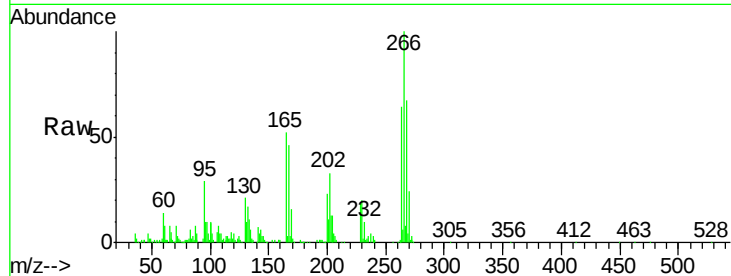
#68
 Pentachlorophenol
 Concen: 33.57 ng/ul
 RT: 17.19 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BG023816.D
 Acq: 20 Aug 2016 14:04

Instrument :
 BNA_G
 ClientSampleId :
 JHPT9MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	118810		
264	64.5	54.7	82.1	
268	66.7	57.8	86.8	

Manual Integrations
 APPROVED

sohil
 8/22/2016 3:53:55 PM



#77
 Pyrene
 Concen: 29.67 ng/ul
 RT: 19.95 min Scan# 2913
 Delta R.T. 0.00 min
 Lab File: BG023816.D
 Acq: 20 Aug 2016 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1309607		
101	12.2	12.5	18.7#	
100	10.5	10.2	15.4	

