

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
 Data File : BG021631.D
 Acq On : 13 Apr 2016 21:32
 Operator : UM/SJ
 Sample : PB89734BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BS

Manual Integrations
 APPROVED

Sohil
 4/14/2016 5:30:39 PM

Quant Time: Apr 14 11:07:44 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	31272	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	140045	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	91430	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	221657	20.00	ng	0.00
75) Chrysene-d12	21.83	240	254617	20.00	ng	0.00
86) Perylene-d12	25.16	264	250962	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.76	112	160457	85.44	ng	0.00
7) Phenol-d6	7.36	99	239425	85.35	ng	0.00
23) Nitrobenzene-d5	9.38	82	207695	76.23	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	87819	89.12	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	487768	78.16	ng	0.00
78) Terphenyl-d14	20.15	244	804543	78.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.63	88	23756	28.42	ng	89
3) Pyridine	4.04	79	76315	30.42	ng	93
4) n-Nitrosodimethylamine	3.95	42	42534	34.21	ng	# 85
6) Aniline	7.54	93	71879	19.37	ng	95
8) 2-Chlorophenol	7.78	128	90727	40.30	ng	97
9) Benzaldehyde	7.35	77	19542	12.05	ng	86
10) Phenol	7.39	94	128032	42.44	ng	96
11) bis(2-Chloroethyl)ether	7.63	93	85894	35.57	ng	97
12) 1,3-Dichlorobenzene	8.11	146	87399	34.76	ng	94
13) 1,4-Dichlorobenzene	8.26	146	90347	35.30	ng	94
14) 1,2-Dichlorobenzene	8.58	146	87802	35.76	ng	98
15) Benzyl Alcohol	8.45	79	92753	43.27	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.75	45	174659	33.77	ng	96
17) 2-Methylphenol	8.65	107	85749	41.11	ng	92
18) Hexachloroethane	9.31	117	33110	35.54	ng	# 74
19) n-Nitroso-di-n-propylamine	9.02	70	78463	36.00	ng	# 96
20) 3+4-Methylphenols	8.97	107	118622	41.56	ng	96
22) Acetophenone	9.04	105	138014	35.38	ng	# 98
24) Nitrobenzene	9.43	77	108471	37.18	ng	95
25) Isophorone	9.95	82	217223	36.43	ng	99
26) 2-Nitrophenol	10.14	139	43407	38.97	ng	95
27) 2,4-Dimethylphenol	10.18	122	103886	41.06	ng	94
28) bis(2-Chloroethoxy)methane	10.43	93	124546	39.31	ng	91
29) 2,4-Dichlorophenol	10.67	162	95337	44.20	ng	95
30) 1,2,4-Trichlorobenzene	10.89	180	87258	37.62	ng	94
31) Naphthalene	11.09	128	284255	37.93	ng	# 94
32) Benzoic acid	10.30	122	61987m	44.06	ng	
33) 4-Chloroaniline	11.18	127	37977	11.71	ng	95
34) Hexachlorobutadiene	11.36	225	55209	36.90	ng	95
35) Caprolactam	11.95	113	40196m	40.72	ng	
36) 4-Chloro-3-methylphenol	12.29	107	117379	43.27	ng	99
37) 2-Methylnaphthalene	12.67	142	208547	40.53	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	103139	36.10	ng	# 98
40) Hexachlorocyclopentadiene	13.01	237	136355	85.91	ng	97

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
 Data File : BG021631.D
 Acq On : 13 Apr 2016 21:32
 Operator : UM/SJ
 Sample : PB89734BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BS

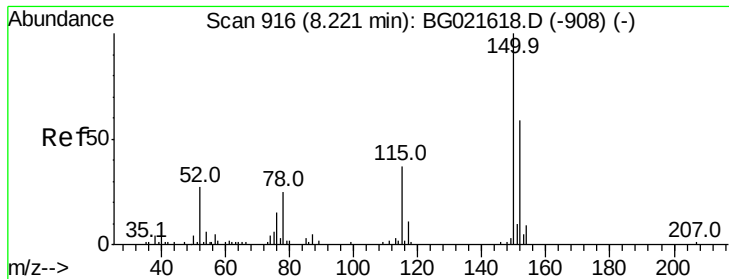
Manual Integrations
 APPROVED

Sohil
 4/14/2016 5:30:39 PM

Quant Time: Apr 14 11:07:44 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	76097	41.76	nq	97
43) 2,4,5-Trichlorophenol	13.33	196	86348	43.92	nq	98
45) 1,1'-Biphenyl	13.67	154	285116	37.01	nq	97
46) 2-Chloronaphthalene	13.71	162	218432	38.35	nq	97
47) 2-Nitroaniline	13.91	65	84575	43.31	nq	97
48) Acenaphthylene	14.55	152	368655	39.15	nq	97
49) Dimethylphthalate	14.28	163	310041	39.22	nq	99
50) 2,6-Dinitrotoluene	14.39	165	66322	44.00	nq	96
51) Acenaphthene	14.89	154	259148	43.05	nq	98
52) 3-Nitroaniline	14.72	138	30230	18.08	nq	100
53) 2,4-Dinitrophenol	14.92	184	53078	90.46	nq	94
54) Dibenzofuran	15.22	168	359324	43.72	nq	98
55) 4-Nitrophenol	15.01	139	130135	90.91	nq	98
56) 2,4-Dinitrotoluene	15.18	165	92911	45.61	nq	# 99
57) Fluorene	15.87	166	297626	40.55	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	80944	49.62	nq	99
59) Diethylphthalate	15.63	149	326047	39.52	nq	98
60) 4-Chlorophenyl-phenylether	15.86	204	143902	39.80	nq	97
61) 4-Nitroaniline	15.88	138	75343	40.96	nq	97
62) Azobenzene	16.15	77	311463	44.05	nq	99
64) 4,6-Dinitro-2-methylphenol	15.93	198	36846	40.82	nq	97
65) n-Nitrosodiphenylamine	16.06	169	273317	41.11	nq	97
66) 4-Bromophenyl-phenylether	16.75	248	96117	40.47	nq	98
67) Hexachlorobenzene	16.86	284	99714	39.77	nq	97
68) Atrazine	17.00	200	97496	37.14	nq	98
69) Pentachlorophenol	17.20	266	126769	88.57	nq	97
70) Phenanthrene	17.60	178	495560	40.57	nq	98
71) Anthracene	17.70	178	504313	40.67	nq	97
72) Carbazole	17.96	167	478734	41.36	nq	99
73) Di-n-butylphthalate	18.51	149	582469	39.56	nq	99
74) Fluoranthene	19.59	202	588140	40.32	nq	99
76) Benzidine	19.77	184	167262	21.10	nq	99
77) Pyrene	19.95	202	603318	41.09	nq	99
79) Butylbenzylphthalate	20.83	149	276063	40.51	nq	98
80) Benzo(a)anthracene	21.82	228	599104	40.89	nq	100
81) 3,3'-Dichlorobenzidine	21.72	252	117306	10.11	nq	99
82) Chrysene	21.88	228	549964	39.07	nq	98
83) Bis(2-ethylhexyl)phthalate	21.71	149	397914	39.92	nq	98
84) Di-n-octyl phthalate	22.96	149	687463	41.17	nq	100
85) Indeno(1,2,3-cd)pyrene	28.98	276	681526	40.72	nq	99
87) Benzo(b)fluoranthene	24.10	252	593907	40.78	nq	99
88) Benzo(k)fluoranthene	24.17	252	586041	41.16	nq	99
89) Benzo(a)pyrene	25.01	252	581859	41.24	nq	99
90) Dibenzo(a,h)anthracene	29.05	278	570227	40.31	nq	97
91) Benzo(g,h,i)perylene	30.18	276	567782	40.90	nq	97

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



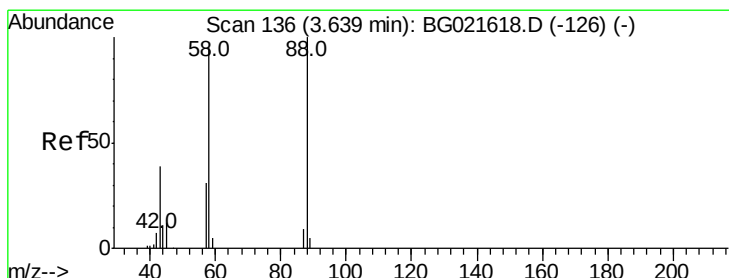
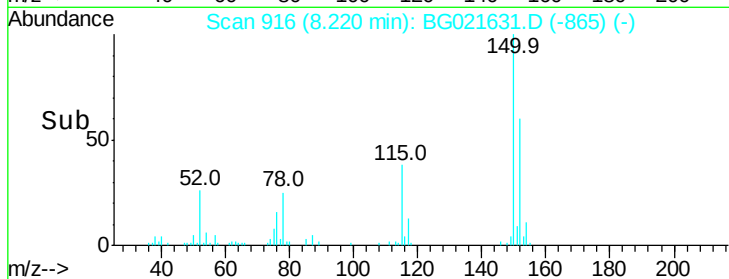
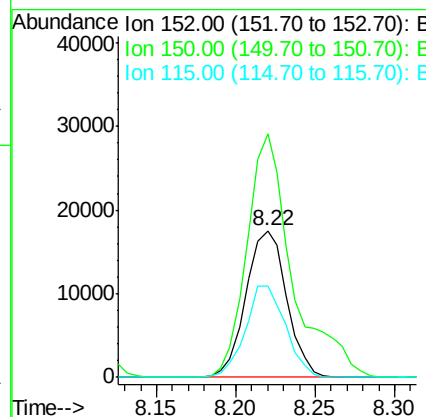
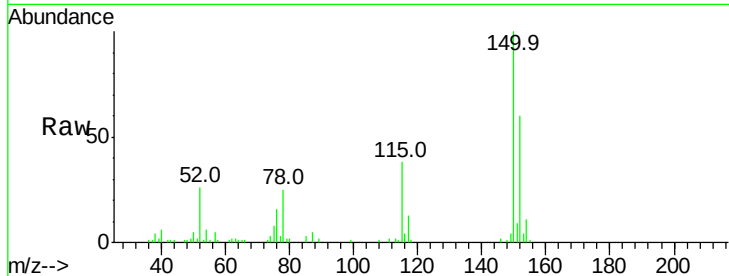
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.22 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BS

Tot Ion:	152	Resp:	31272
Ion Ratio	Lower	Upper	
152	100		
150	166.1	130.1	195.1
115	62.3	62.2	93.2

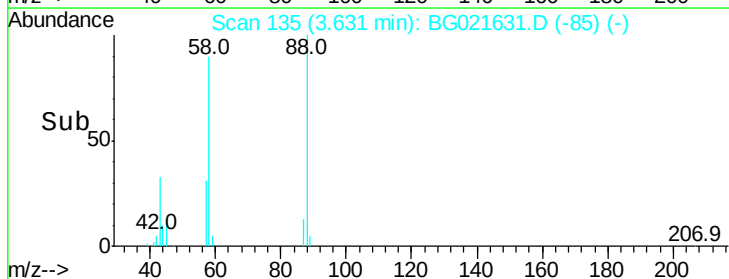
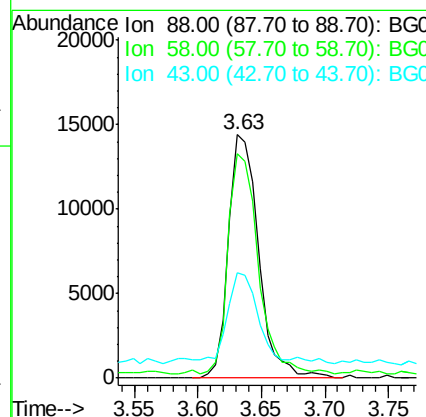
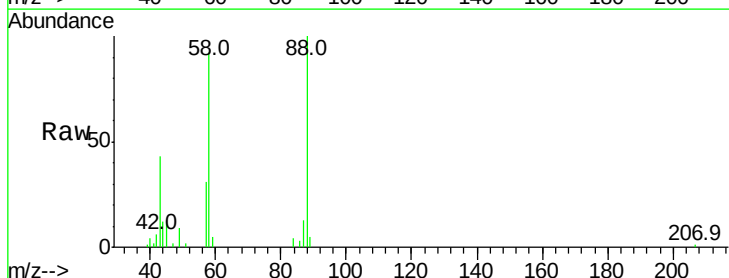
Manual Integrations
 APPROVED

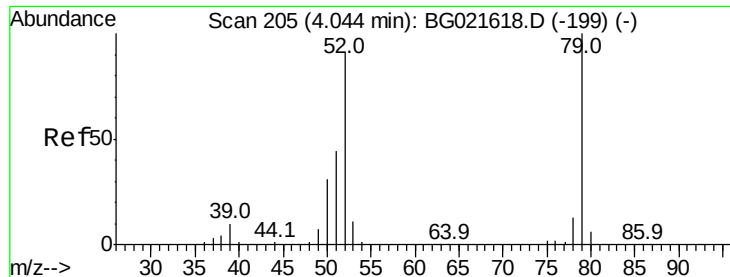
Sohil
 4/14/2016 5:30:39 PM



#2
 1,4-Dioxane
 Concen: 28.42 ng
 RT: 3.63 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Tgt Ion:	88	Resp:	23756
Ion Ratio	Lower	Upper	
88	100		
58	91.0	61.8	92.8
43	34.1	27.3	40.9





#3

Pvridine

Concen: 30.42 ng

RT: 4.04 min Scan# 204

Delta R.T. -0.01 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Instrument :

BNA_G

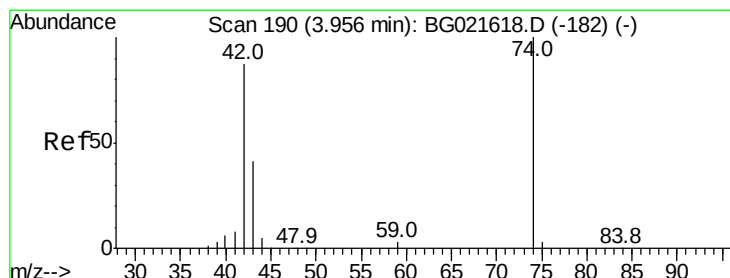
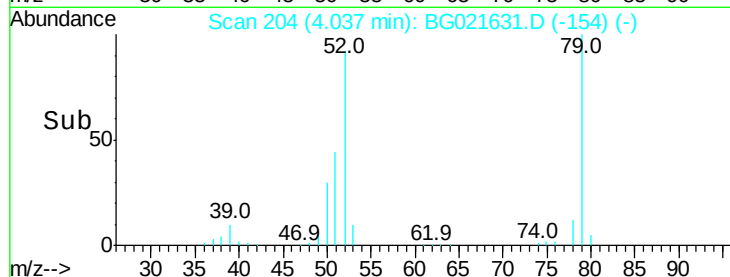
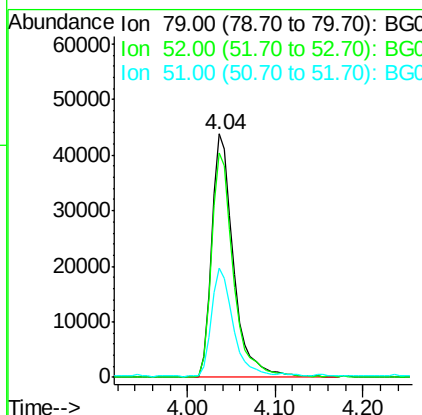
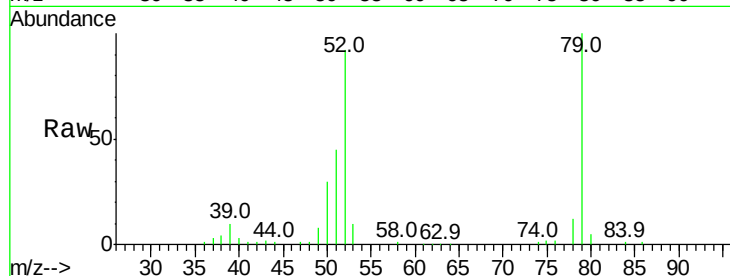
ClientSampleId :

PB89734BS

Tot Ion:	79	Resp:	76315
Ion	Ratio	Lower	Upper
79	100		
52	92.0	77.2	115.8
51	45.1	42.5	63.7

Manual Integrations
APPROVED

Sohil
4/14/2016 5:30:39 PM



#4

n-Nitrosodimethylamine

Concen: 34.21 ng

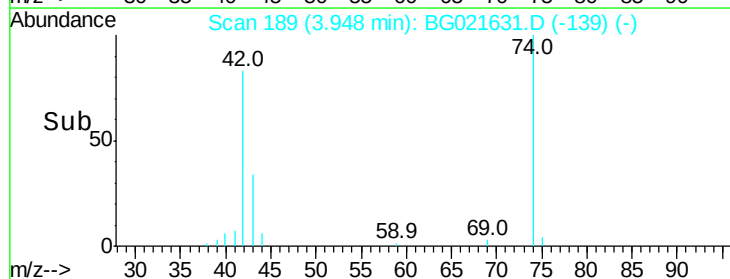
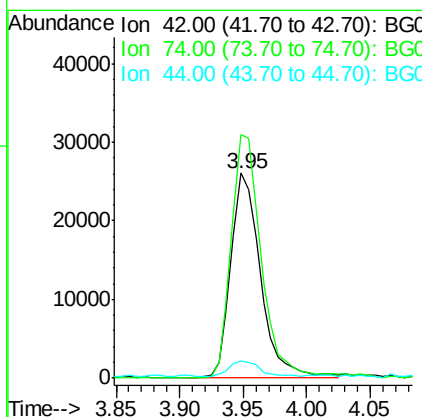
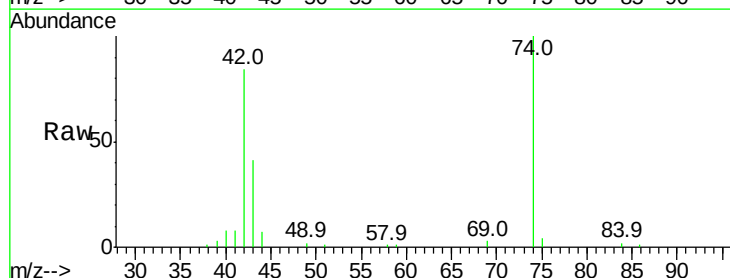
RT: 3.95 min Scan# 189

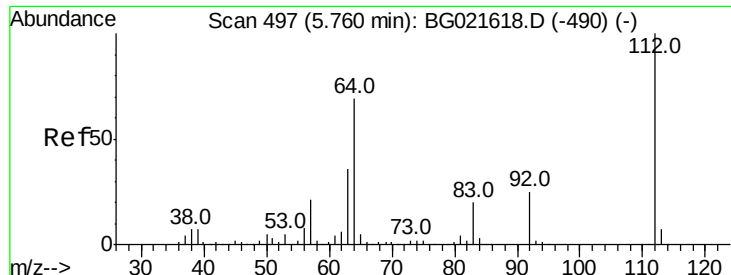
Delta R.T. -0.01 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Tgt Ion:	42	Resp:	42534
Ion	Ratio	Lower	Upper
42	100		
74	118.9	83.0	124.4
44	8.1	11.0	16.6#





#5

2-Fluorophenol

Concen: 85.44 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Instrument :

BNA_G

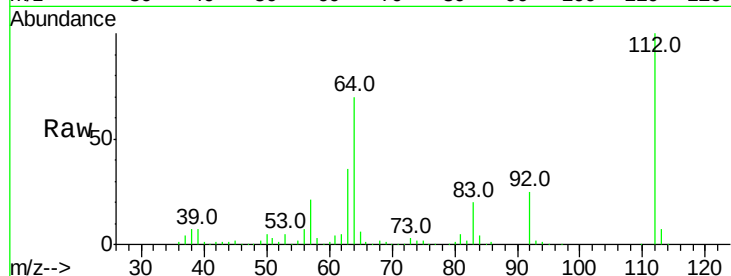
ClientSampleId :

PB89734BS

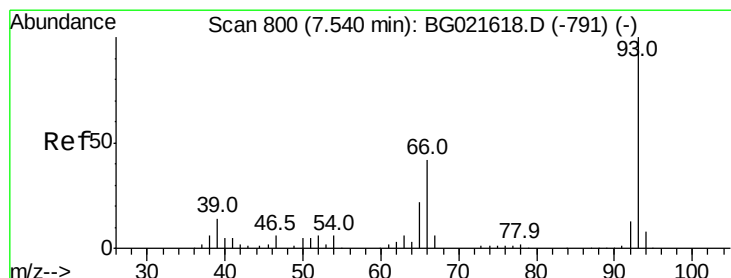
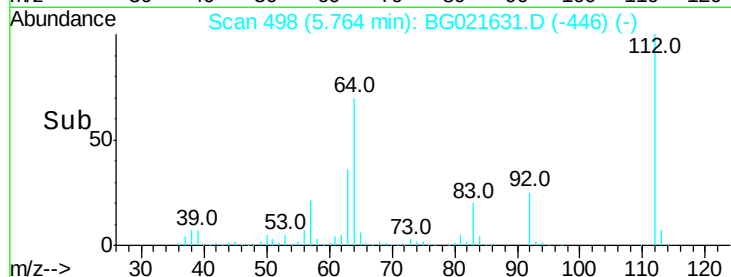
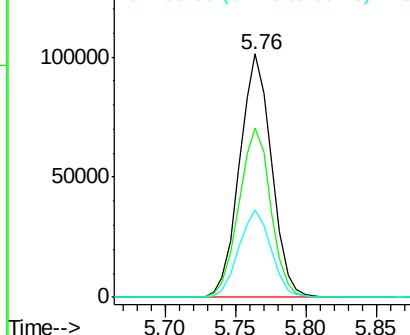
Tot Ion:	112	Resp:	160457
Ion Ratio	Lower	Upper	
112	100		
64	69.7	51.1	76.7
63	36.0	24.6	37.0

Manual Integrations
APPROVED

Sohil
4/14/2016 5:30:39 PM



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.37 ng

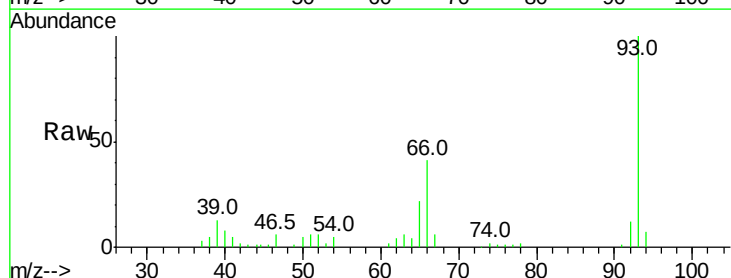
RT: 7.54 min Scan# 800

Delta R.T. -0.00 min

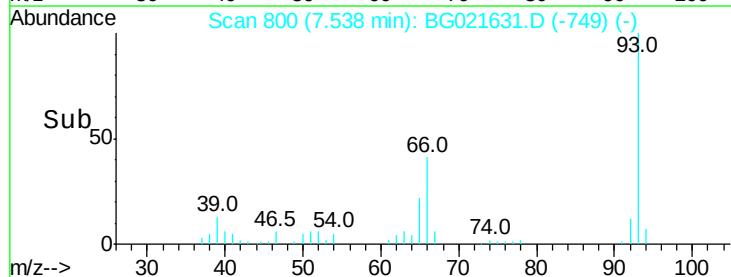
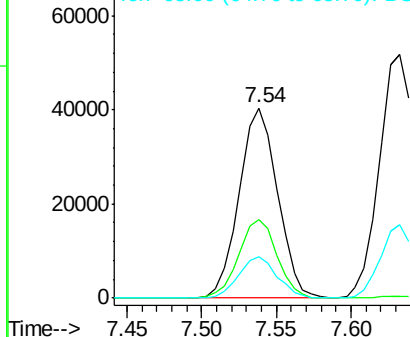
Lab File: BG021631.D

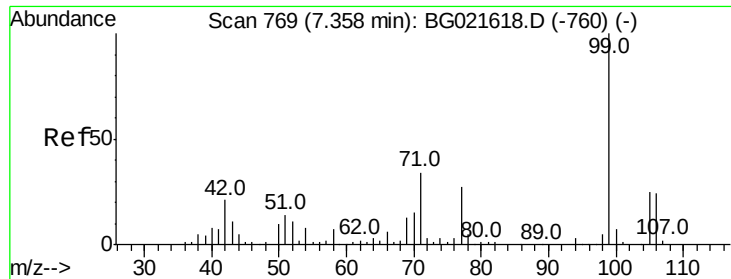
Acq: 13 Apr 2016 21:32

Tgt Ion:	93	Resp:	71879
Ion Ratio	Lower	Upper	
93	100		
66	41.5	36.3	54.5
65	21.6	18.4	27.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.35 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Instrument :

BNA_G

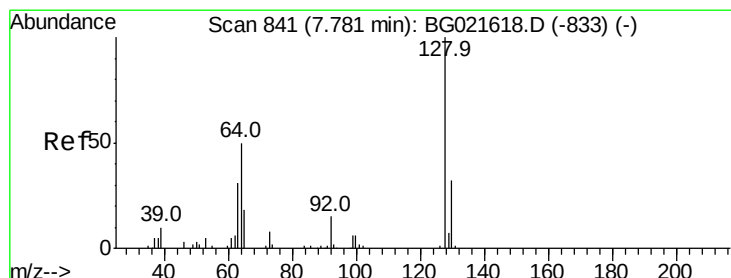
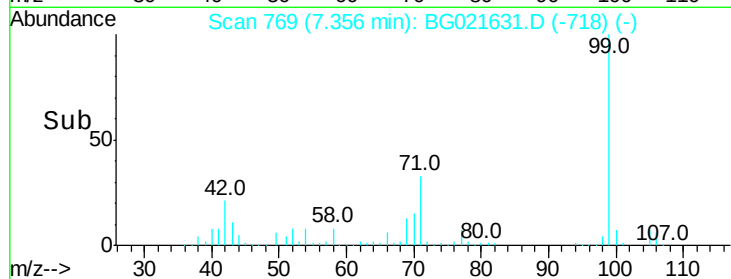
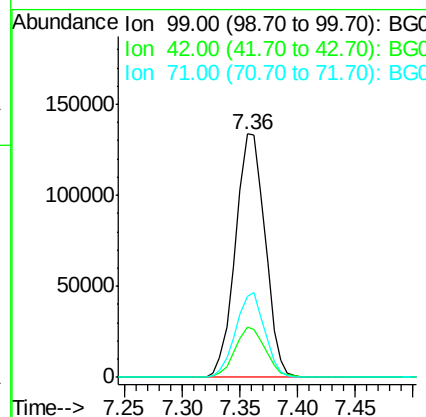
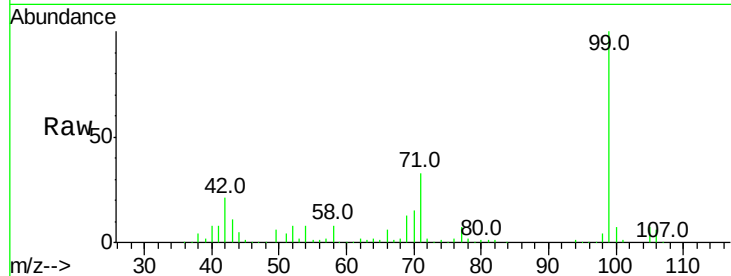
ClientSampleId :

PB89734BS

Tot Ion:	99	Resp:	239425
Ion Ratio	Lower	Upper	
99	100		
42	20.6	16.4	24.6
71	33.2	25.0	37.4

Manual Integrations
APPROVED

Sohil
4/14/2016 5:30:39 PM



#8

2-Chlorophenol

Concen: 40.30 ng

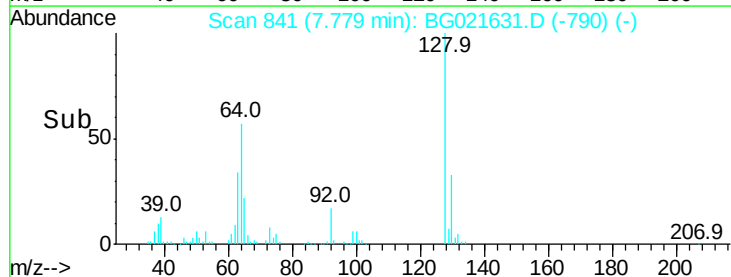
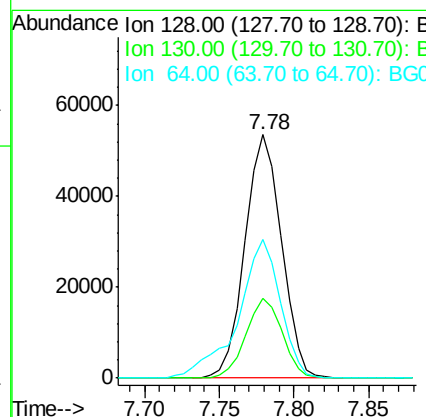
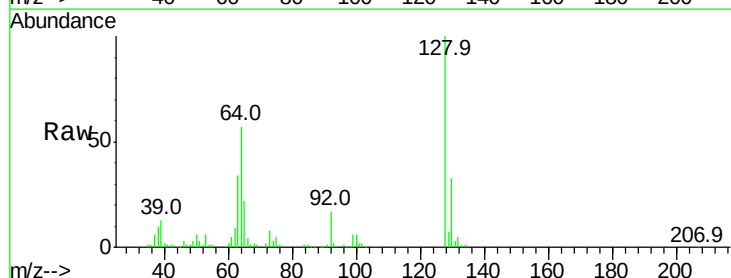
RT: 7.78 min Scan# 841

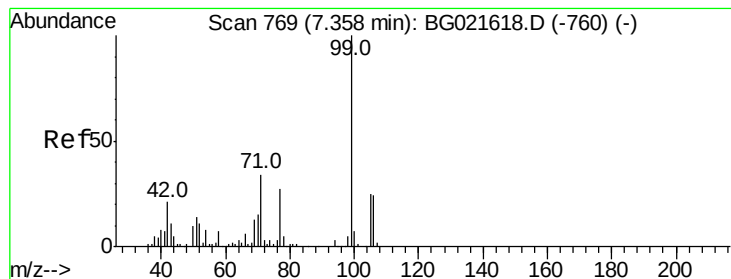
Delta R.T. -0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Tgt Ion:	128	Resp:	90727
Ion Ratio	Lower	Upper	
128	100		
130	32.7	11.2	51.2
64	56.9	39.8	79.8





#9

Benzaldehyde

Concen: 12.05 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG021631.D

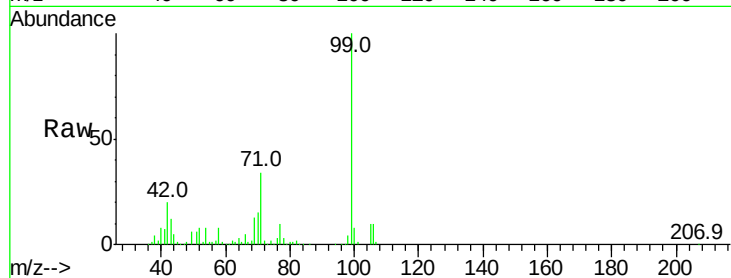
Acq: 13 Apr 2016 21:32

Instrument :

BNA_G

ClientSampled :

PB89734BS



Tot Ion: 77 Resp: 19542

Ion Ratio Lower Upper

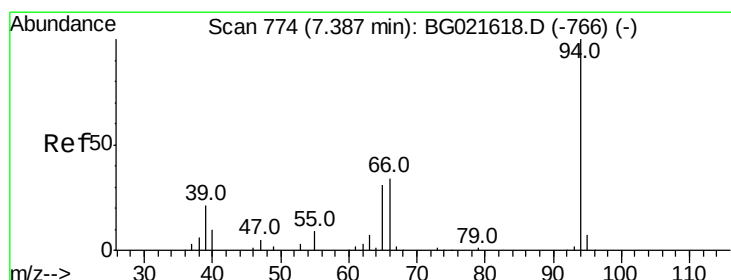
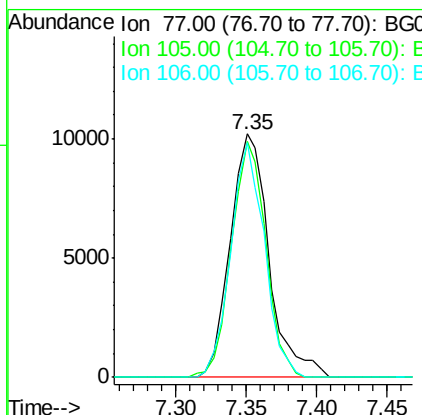
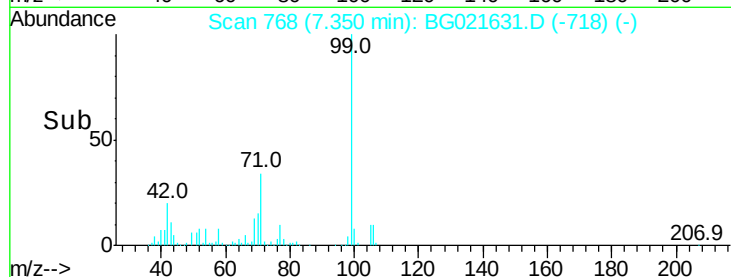
77 100

105 96.9 62.1 102.1

106 96.5 65.6 105.6

Manual Integrations
APPROVED

Sohil
4/14/2016 5:30:39 PM



#10

Phenol

Concen: 42.44 ng

RT: 7.39 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

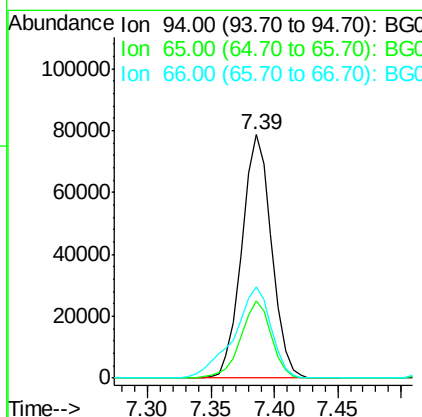
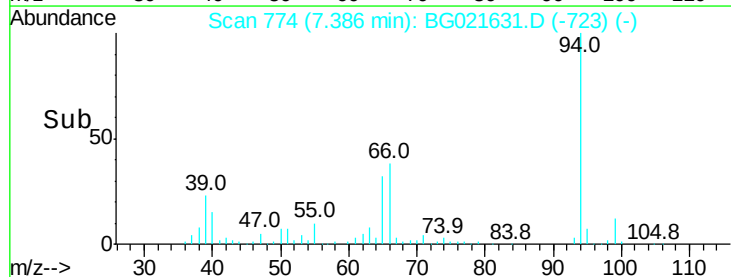
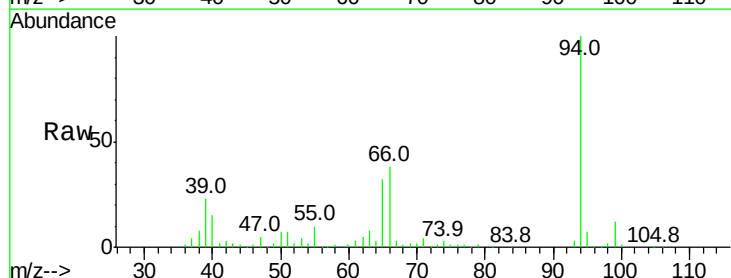
Tgt Ion: 94 Resp: 128032

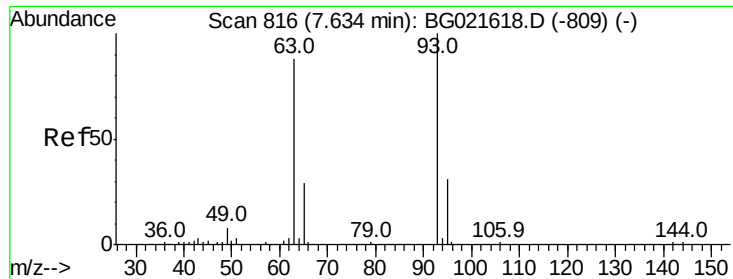
Ion Ratio Lower Upper

94 100

65 31.8 9.8 49.8

66 37.7 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 35.57 ng

RT: 7.63 min Scan# 816

Delta R.T. -0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Instrument :

BNA_G

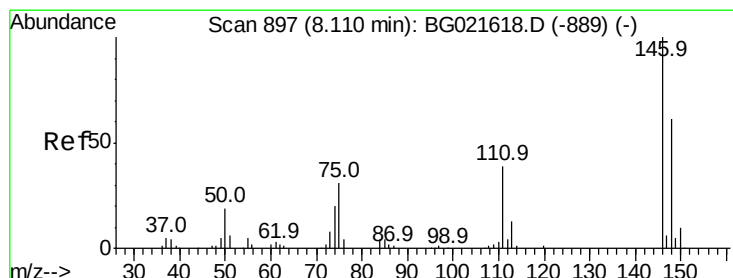
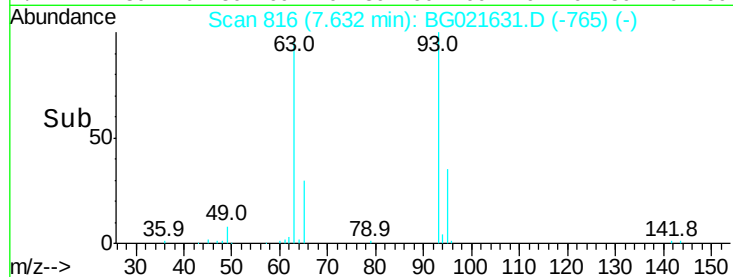
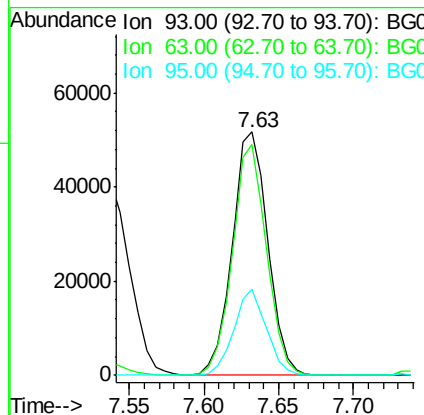
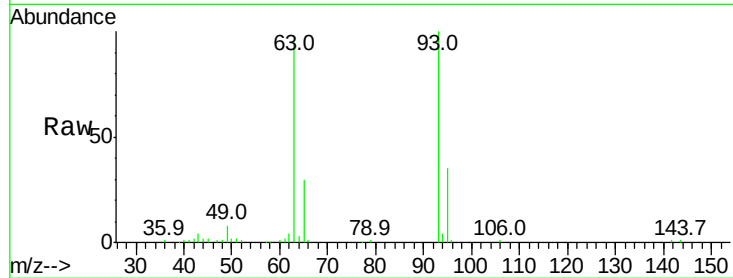
ClientSampleId :

PB89734BS

Tot Ion:	93	Resp:	85894
Ion Ratio	Lower	Upper	
93	100		
63	94.6	74.9	114.9
95	35.1	8.3	48.3

Manual Integrations
APPROVED

Sohil
4/14/2016 5:30:39 PM



#12

1,3-Dichlorobenzene

Concen: 34.76 ng

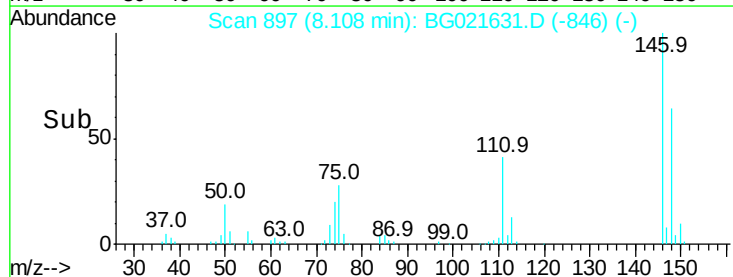
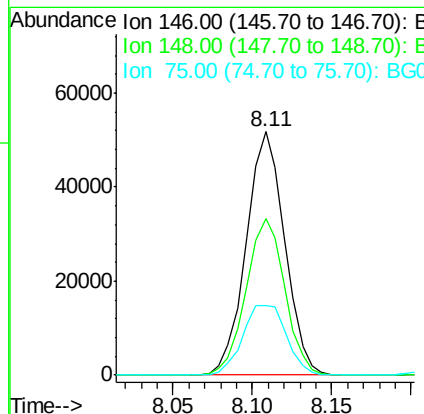
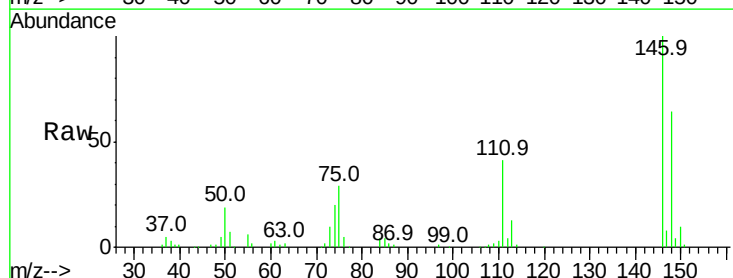
RT: 8.11 min Scan# 897

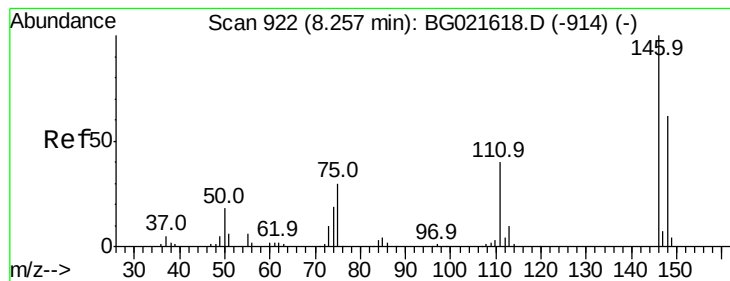
Delta R.T. -0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Tgt Ion:	146	Resp:	87399
Ion Ratio	Lower	Upper	
146	100		
148	64.5	53.7	80.5
75	28.5	27.4	41.0





#13

1,4-Dichlorobenzene

Concen: 35.30 ng

RT: 8.26 min Scan# 922

Delta R.T. -0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Instrument :

BNA_G

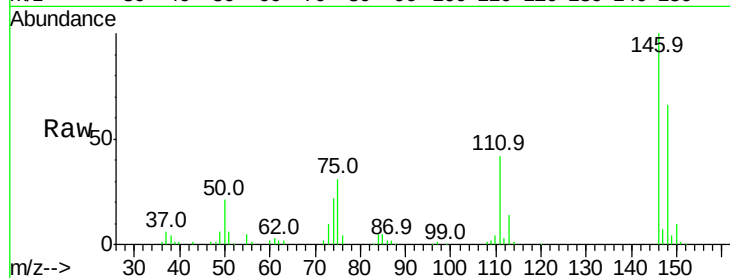
ClientSampled :

PB89734BS

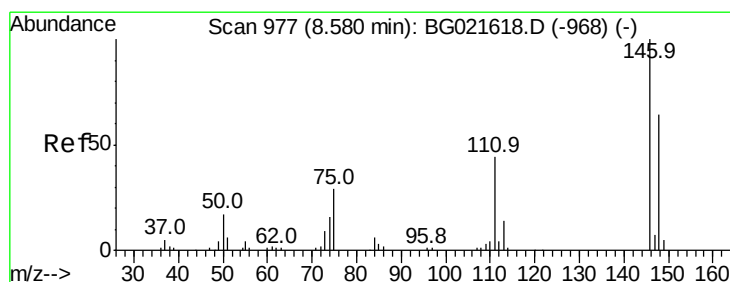
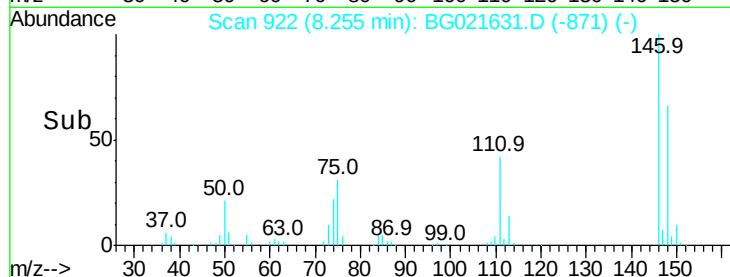
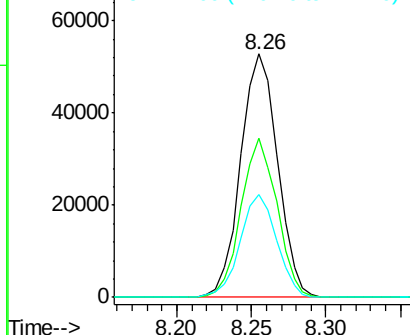
Tot Ion:	146	Resp:	90347
Ion Ratio	Lower	Upper	
146	100		
148	65.6	46.7	70.1
111	42.1	33.0	49.6

Manual Integrations
APPROVED

Sohil
4/14/2016 5:30:39 PM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.76 ng

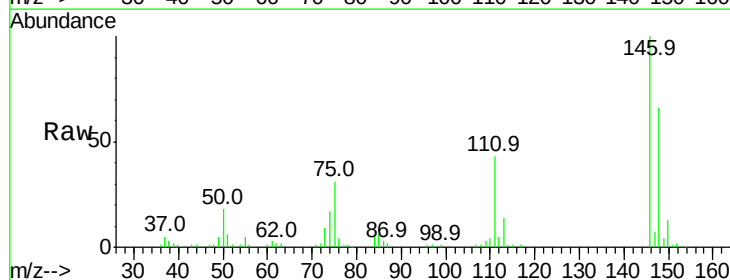
RT: 8.58 min Scan# 977

Delta R.T. -0.00 min

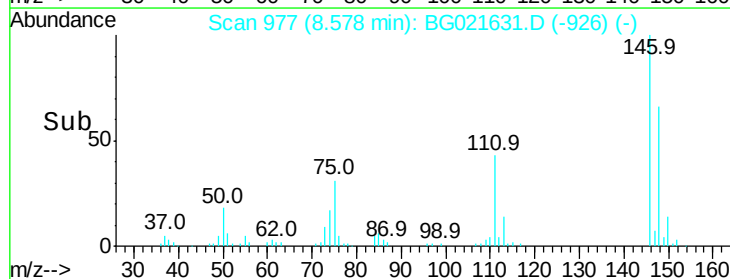
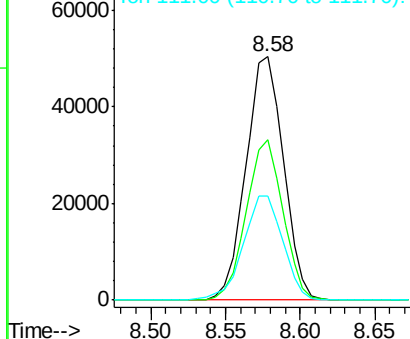
Lab File: BG021631.D

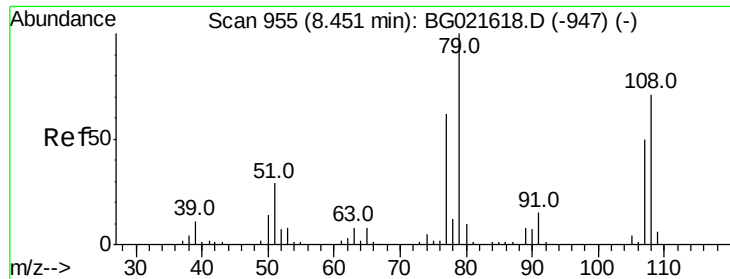
Acq: 13 Apr 2016 21:32

Tgt Ion:	146	Resp:	87802
Ion Ratio	Lower	Upper	
146	100		
148	65.8	52.6	79.0
111	42.7	36.1	54.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.27 ng

RT: 8.45 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Instrument :

BNA_G

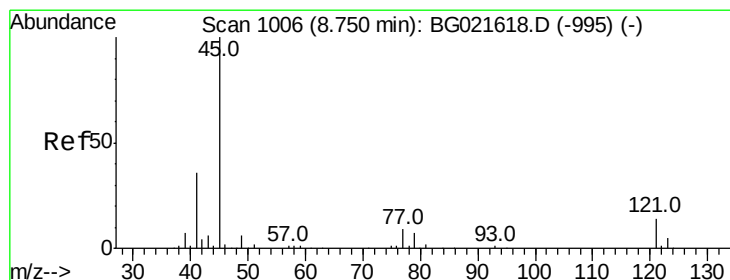
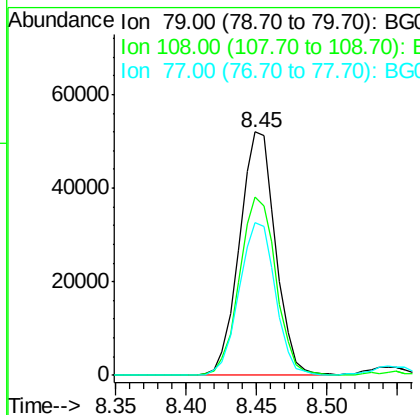
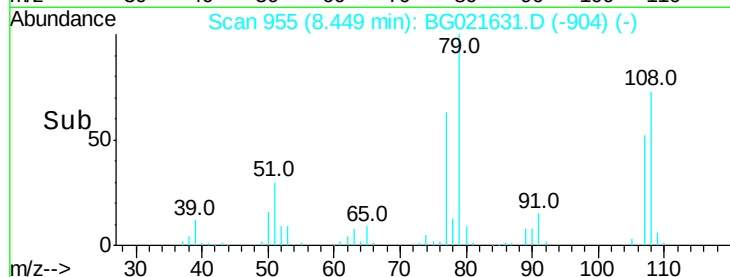
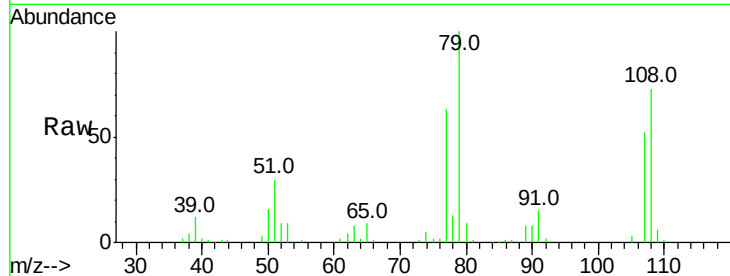
ClientSampleId :

PB89734BS

Tot Ion:	79	Resp:	92753
Ion Ratio	Lower	Upper	
79	100		
108	73.2	59.4	89.0
77	62.8	52.2	78.2

Manual Integrations
APPROVED

Sohil
4/14/2016 5:30:39 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.77 ng

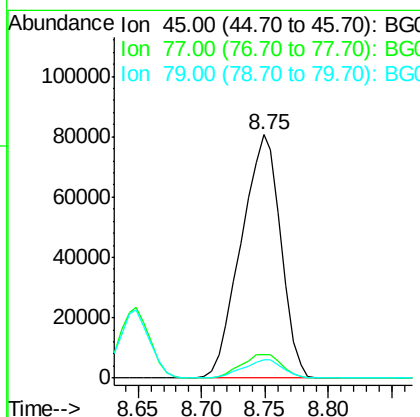
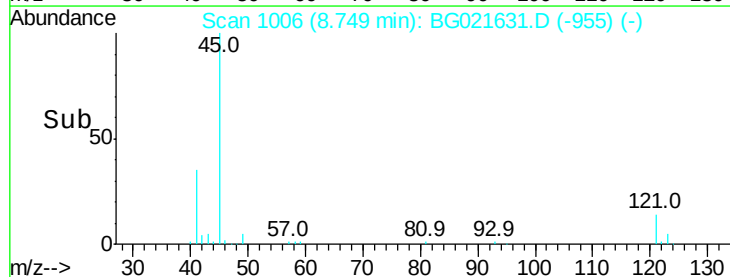
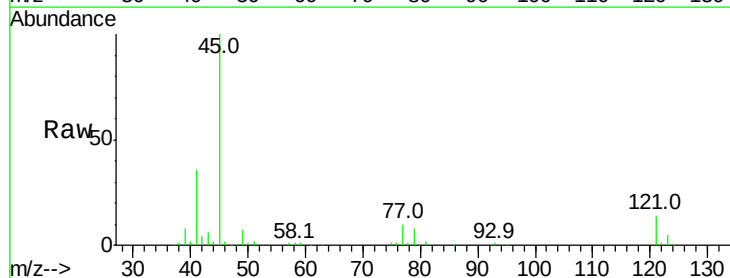
RT: 8.75 min Scan# 1006

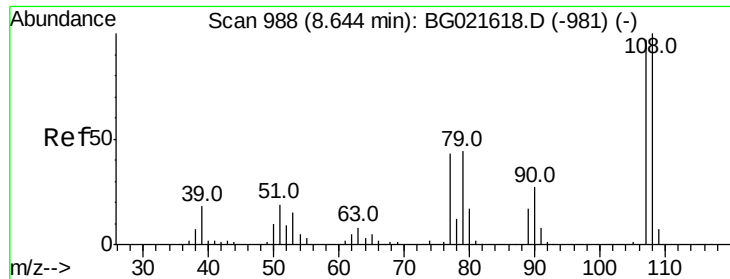
Delta R.T. -0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Tgt Ion:	45	Resp:	174659
Ion Ratio	Lower	Upper	
45	100		
77	9.9	0.0	31.2
79	7.7	0.0	29.0





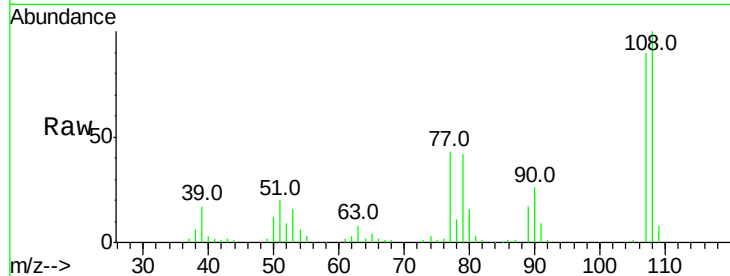
#17
2-Methylphenol
Concen: 41.11 ng
RT: 8.65 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Instrument :
BNA_G
ClientSampleId :
PB89734BS

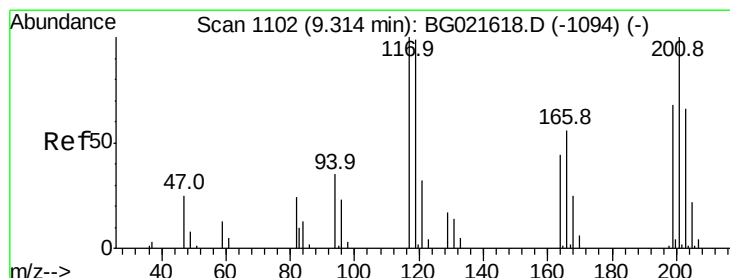
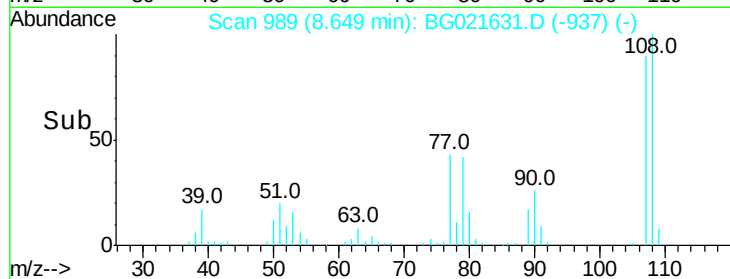
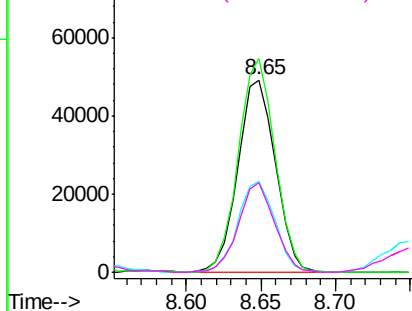
Tot Ion:	107	Resp:	85749
Ion Ratio	Lower	Upper	
107	100		
108	111.0	80.2	120.4
77	47.4	40.7	61.1
79	46.3	39.8	59.8

Manual Integrations
APPROVED

Sohil
4/14/2016 5:30:39 PM



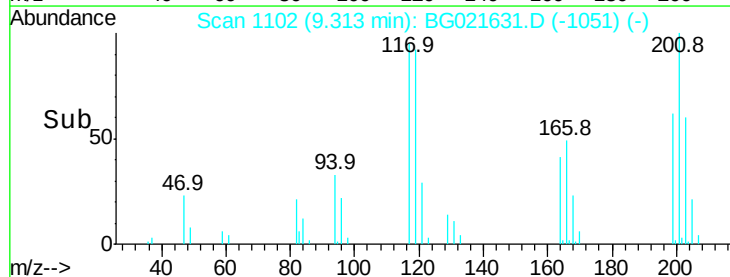
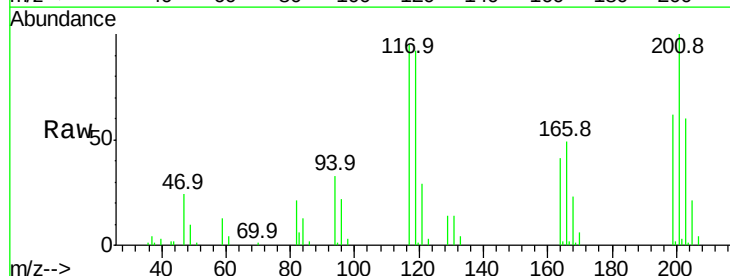
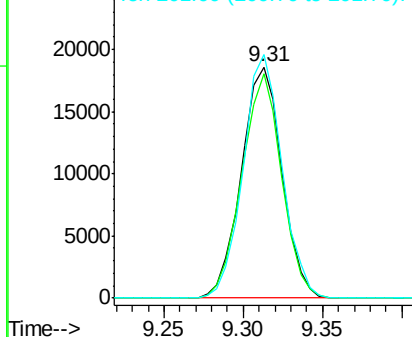
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

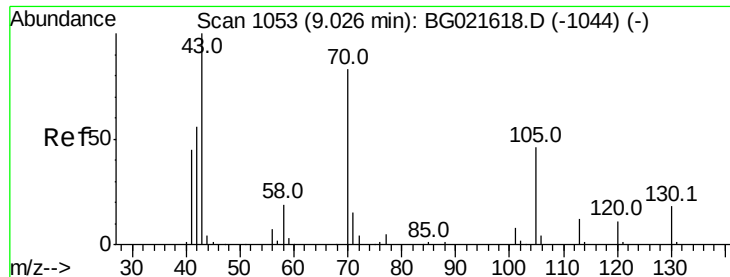


#18
Hexachloroethane
Concen: 35.54 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Tgt Ion:	117	Resp:	33110
Ion Ratio	Lower	Upper	
117	100		
119	97.0	63.9	95.9#
201	105.4	61.2	91.8#

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





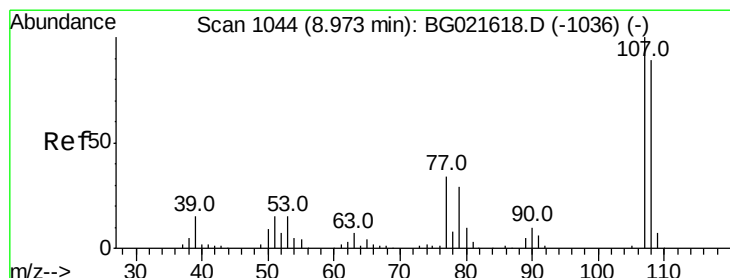
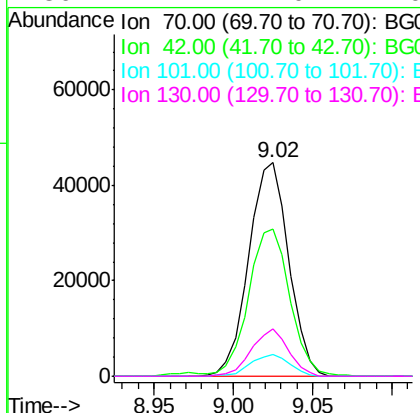
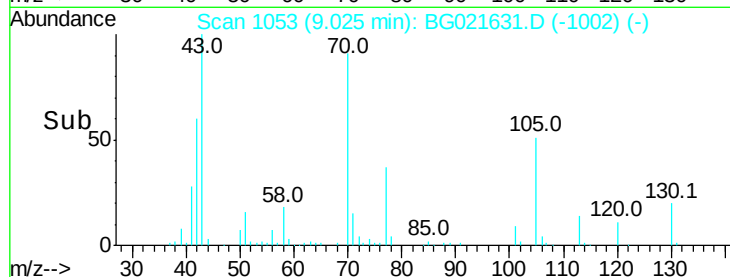
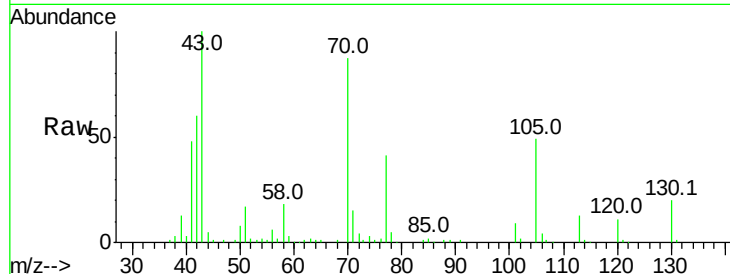
#19
n-Nitroso-di-n-propylamine
Concen: 36.00 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Instrument :
BNA_G
ClientSampleId :
PB89734BS

Tot Ion:	70	Resp:	78463
Ion Ratio	Lower	Upper	
70	100		
42	68.9	56.7	85.1
101	10.3	8.2	12.4
130	22.4	14.0	21.0#

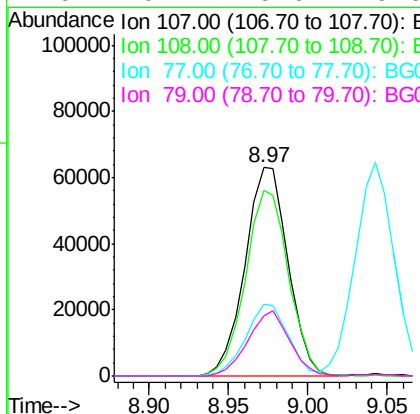
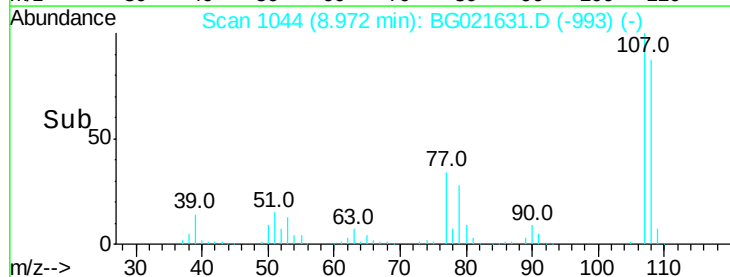
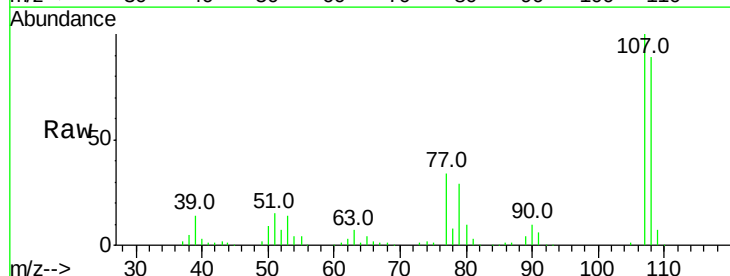
Manual Integrations
APPROVED

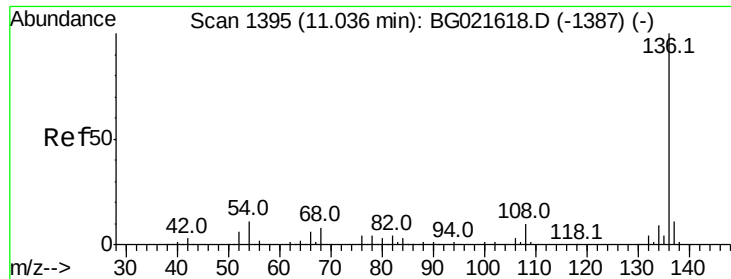
Sohil
4/14/2016 5:30:39 PM



#20
3+4-Methylphenols
Concen: 41.56 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Tgt Ion:	107	Resp:	118622
Ion Ratio	Lower	Upper	
107	100		
108	89.2	66.2	106.2
77	34.2	11.5	51.5
79	29.1	5.6	45.6





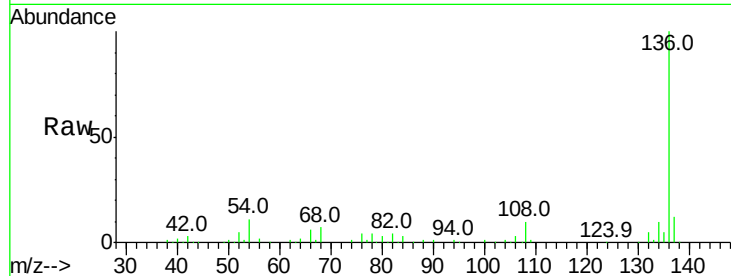
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Instrument :
BNA_G
ClientSampleId :
PB89734BS

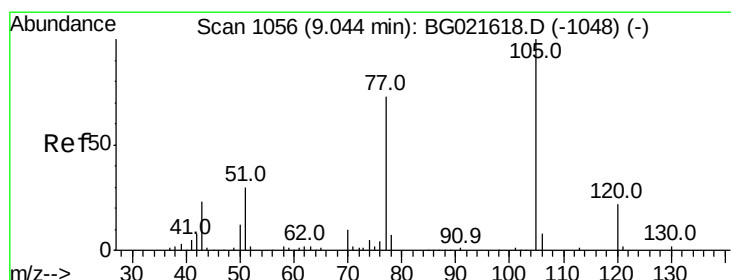
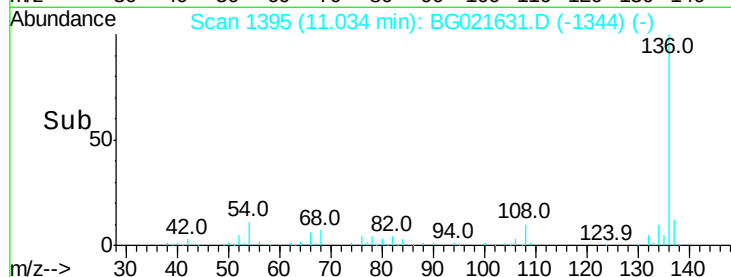
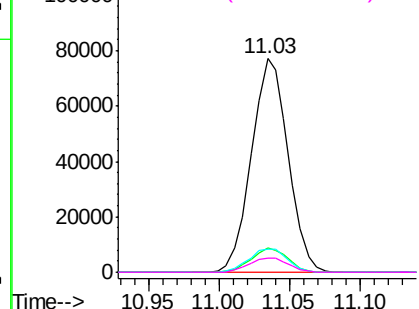
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.5	9.0	13.4
54	10.8	9.6	14.4
68	6.8	6.4	9.6

Manual Integrations
APPROVED

Sohil
4/14/2016 5:30:39 PM



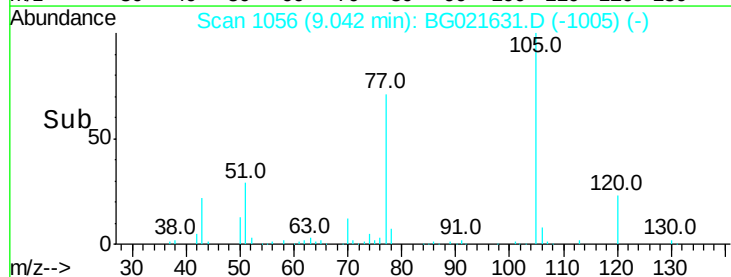
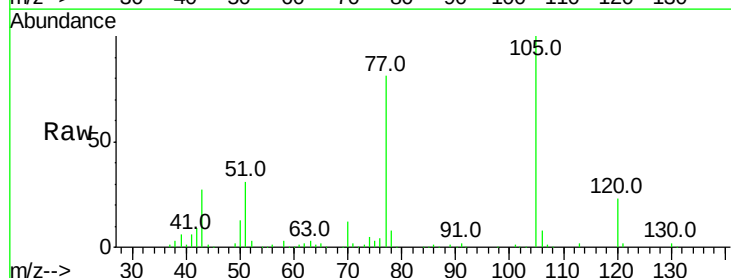
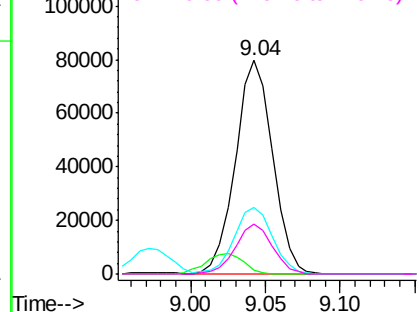
Abundance Ion 136.00 (135.70 to 136.70): E
120000
Ion 137.00 (136.70 to 137.70): E
100000
Ion 54.00 (53.70 to 54.70): BGC
80000
Ion 68.00 (67.70 to 68.70): BGC
60000
40000
20000
0

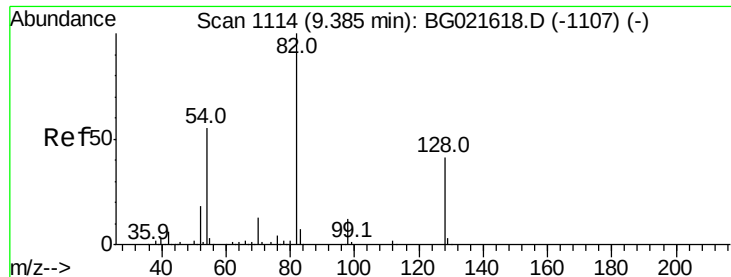


#22
Acetophenone
Concen: 35.38 ng
RT: 9.04 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.9	0.0	0.0#
51	31.3	25.7	38.5
120	23.2	17.0	25.6

Abundance Ion 105.00 (104.70 to 105.70): E
120000
Ion 71.00 (70.70 to 71.70): BGC
100000
Ion 51.00 (50.70 to 51.70): BGC
80000
Ion 120.00 (119.70 to 120.70): E
60000
40000
20000
0





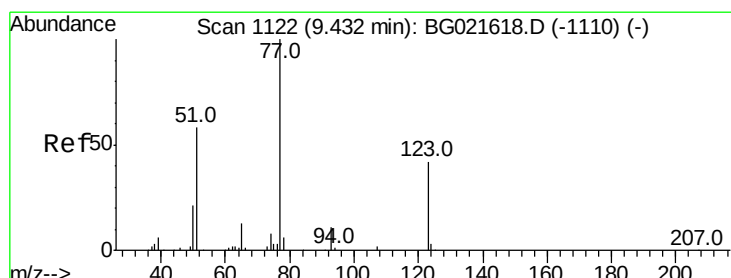
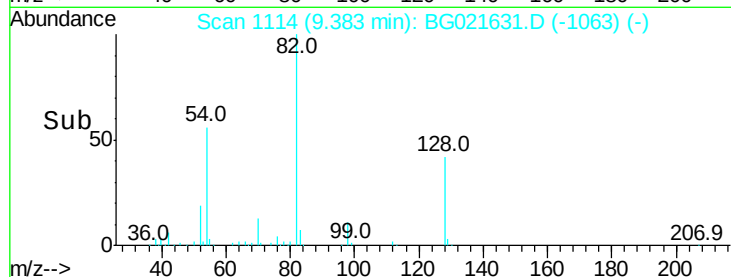
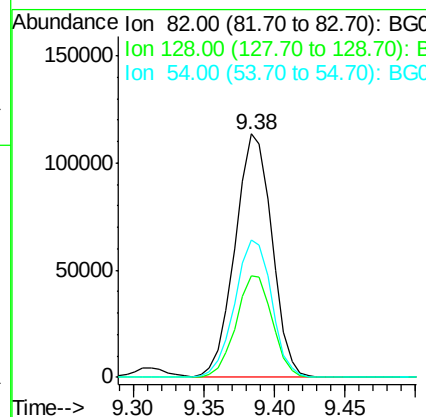
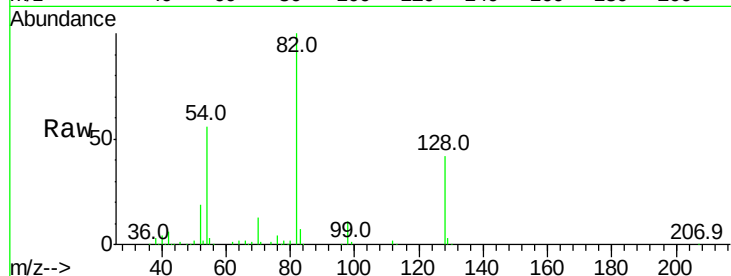
#23
 Nitrobenzene-d5
 Concen: 76.23 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	207695		
128	41.9	33.4	50.0	
54	56.4	46.1	69.1	

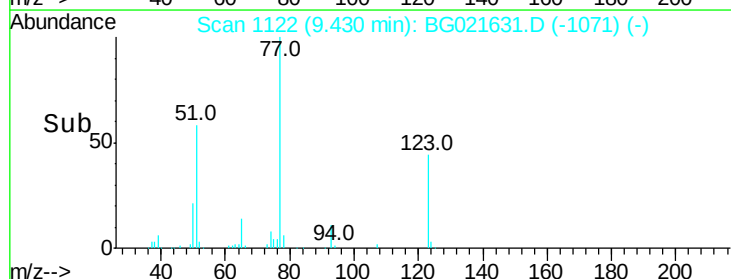
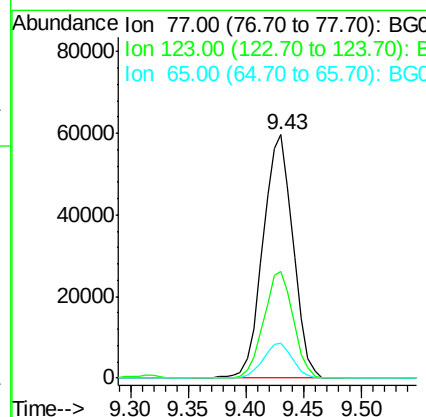
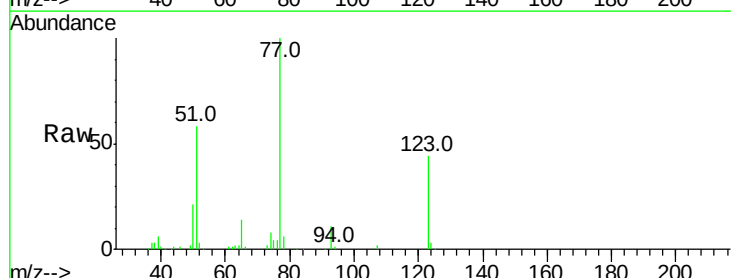
Manual Integrations
 APPROVED

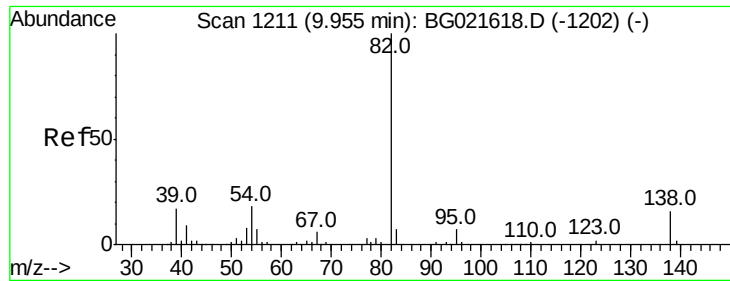
Sohil
 4/14/2016 5:30:39 PM



#24
 Nitrobenzene
 Concen: 37.18 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	108471		
123	44.0	32.2	48.4	
65	14.2	10.3	15.5	





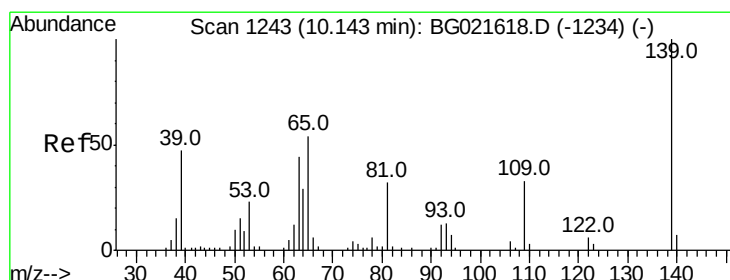
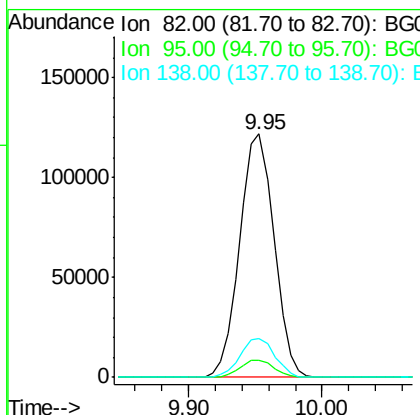
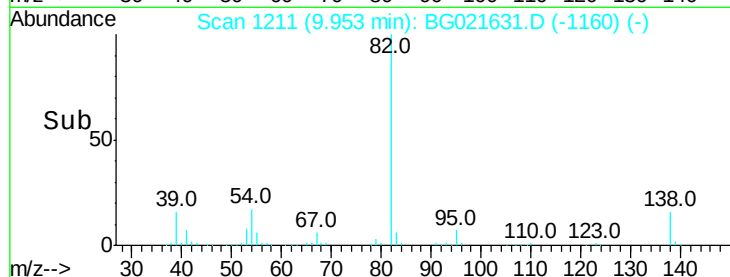
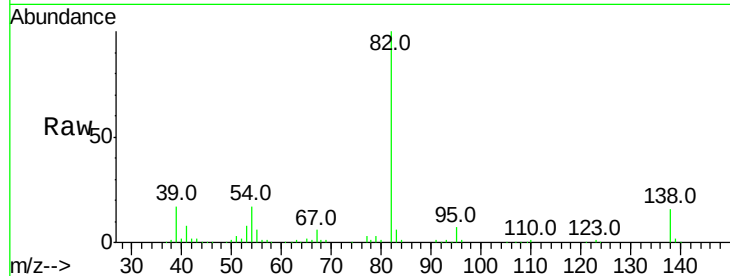
#25
Isophorone
Concen: 36.43 ng
RT: 9.95 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Instrument :
BNA_G
ClientSampleId :
PB89734BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	217223		
95	7.0	6.0	9.0	
138	16.2	13.4	20.0	

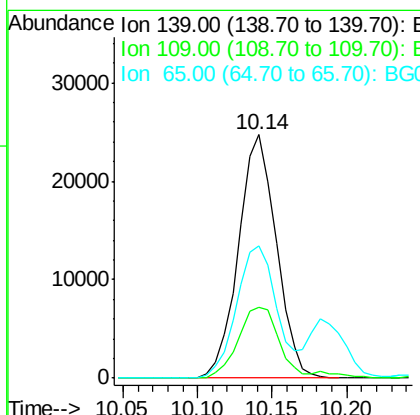
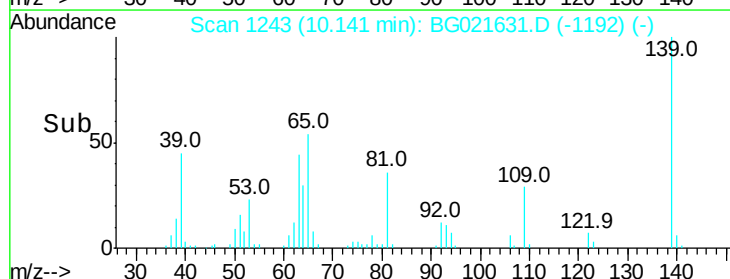
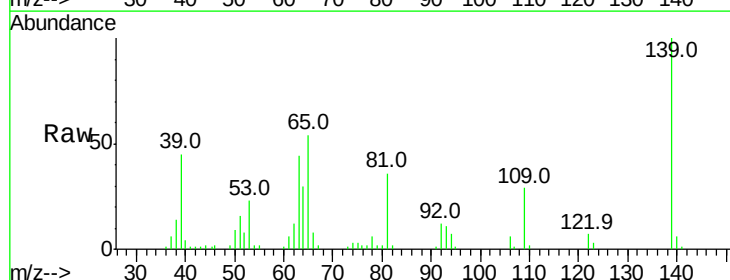
Manual Integrations
APPROVED

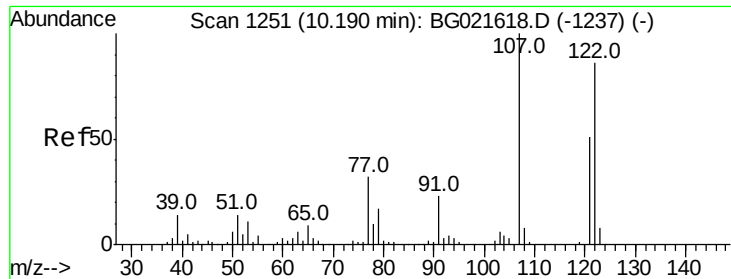
Sohil
4/14/2016 5:30:39 PM



#26
2-Nitrophenol
Concen: 38.97 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	43407		
109	29.3	26.6	40.0	
65	54.1	45.3	67.9	





#27

2,4-Dimethylphenol

Concen: 41.06 ng

RT: 10.18 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Instrument :

BNA_G

ClientSampleId :

PB89734BS

Tot Ion:122 Resp: 103886

Ion Ratio Lower Upper

122 100

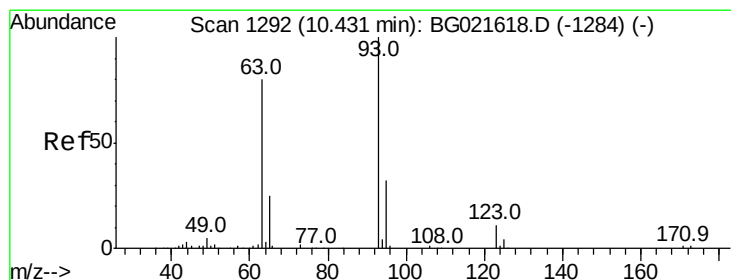
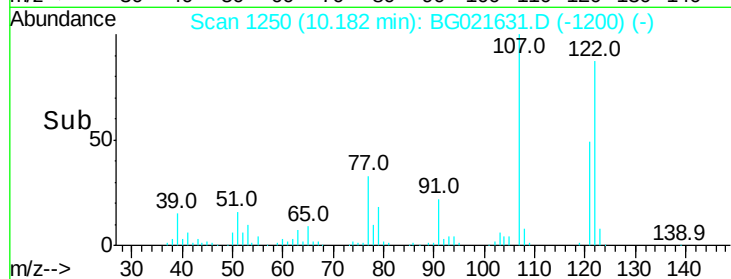
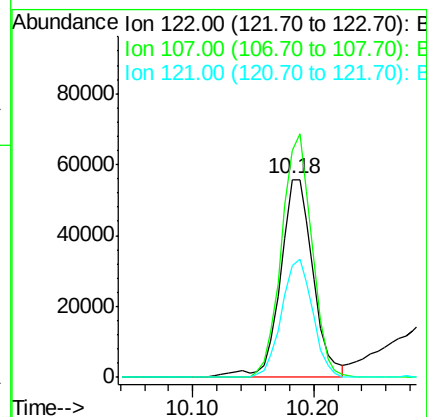
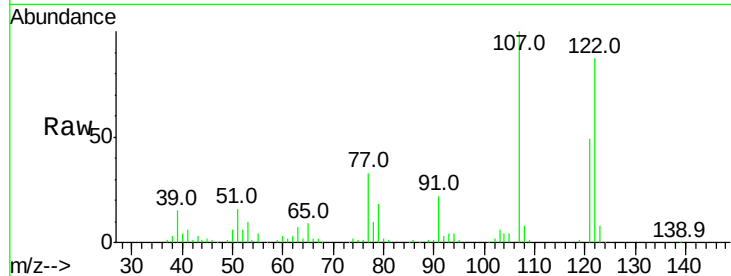
107 115.2 97.2 145.8

121 56.6 49.0 73.4

Manual Integrations
APPROVED

Sohil

4/14/2016 5:30:39 PM



#28

bis(2-Chloroethoxy)methane

Concen: 39.31 ng

RT: 10.43 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

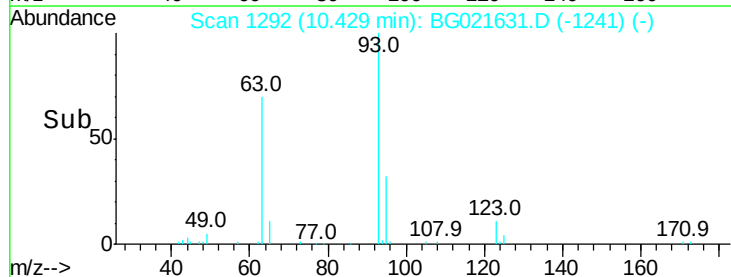
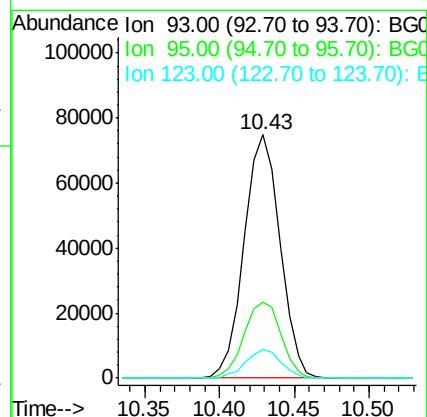
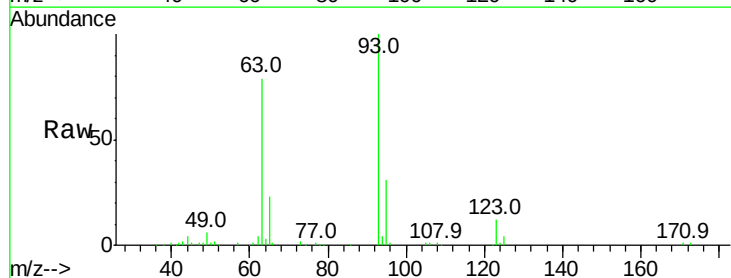
Tgt Ion: 93 Resp: 124546

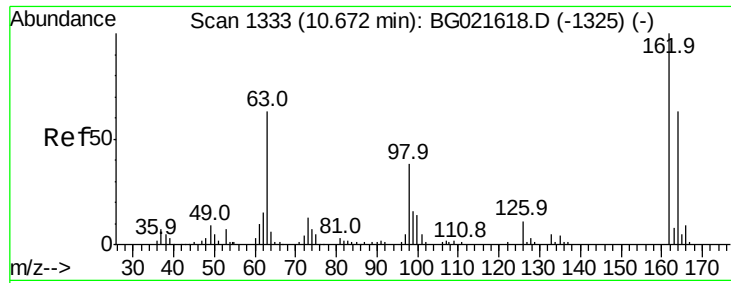
Ion Ratio Lower Upper

93 100

95 31.2 30.1 45.1

123 11.6 10.2 15.4





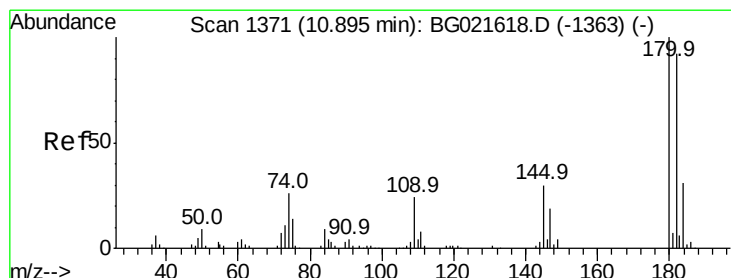
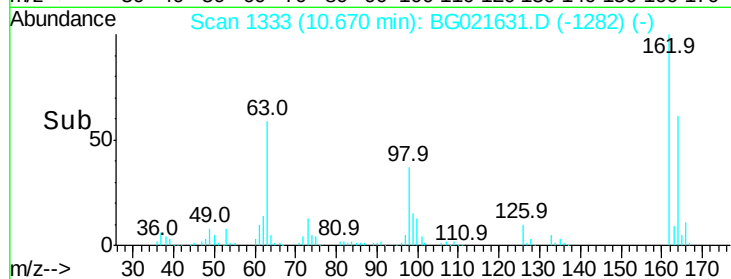
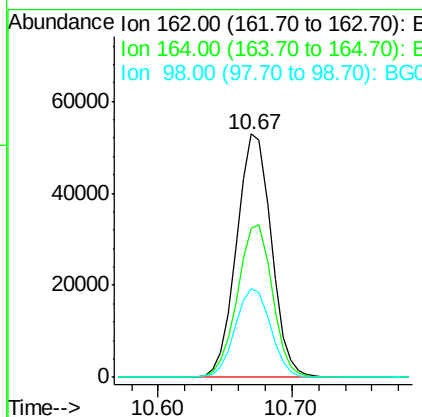
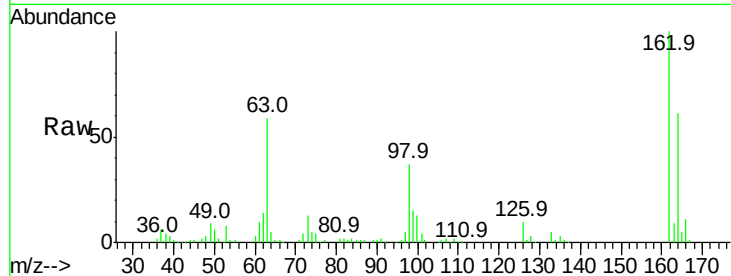
#29
 2,4-Dichlorophenol
 Concen: 44.20 ng
 RT: 10.67 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BS

Tot Ion:	162	Resp:	95337
Ion Ratio	Lower	Upper	
162	100		
164	61.0	44.9	84.9
98	36.6	19.2	59.2

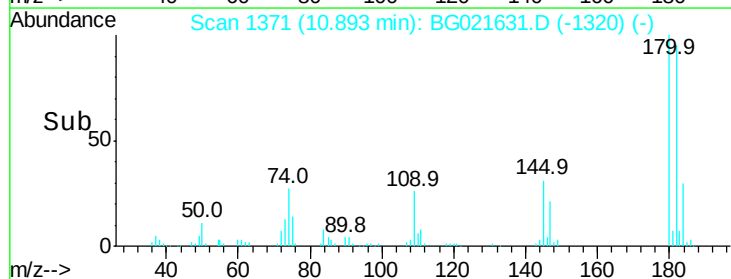
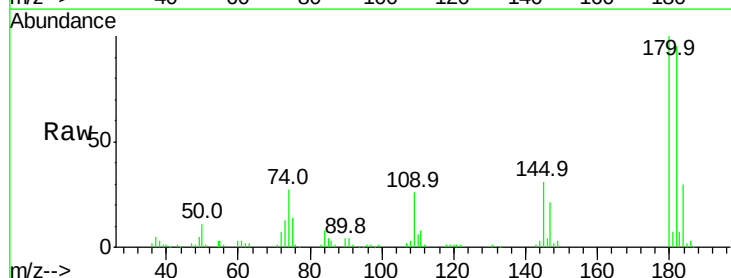
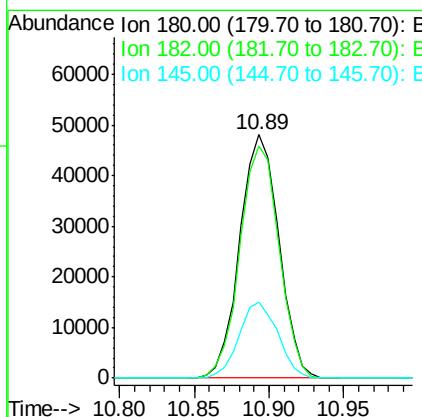
Manual Integrations
 APPROVED

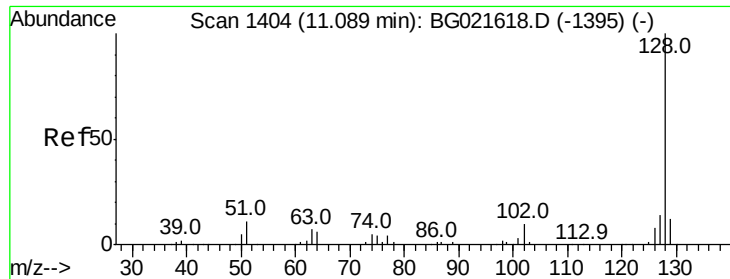
Sohil
 4/14/2016 5:30:39 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.62 ng
 RT: 10.89 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Tgt Ion:	180	Resp:	87258
Ion Ratio	Lower	Upper	
180	100		
182	95.1	82.3	123.5
145	31.0	24.4	36.6





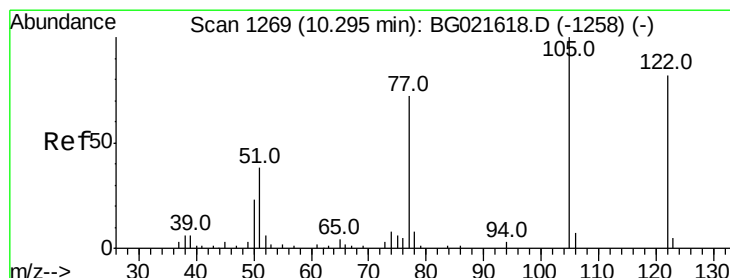
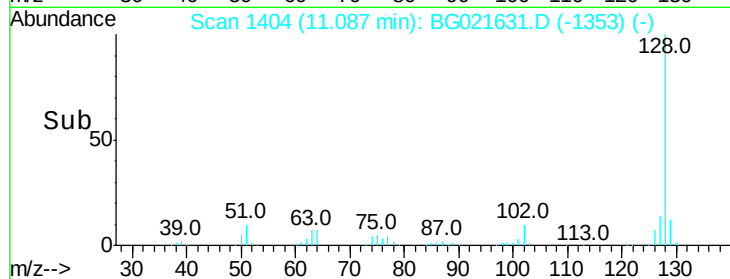
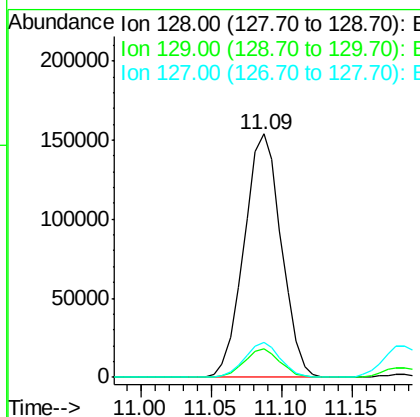
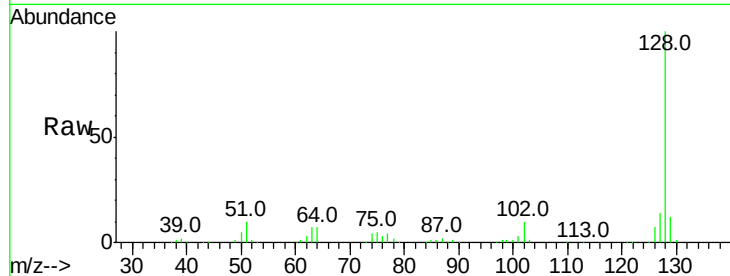
#31
Naphthalene
Concen: 37.93 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Instrument :
BNA_G
ClientSampleId :
PB89734BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	284255		
129	11.6	7.0	10.6#	
127	14.5	10.1	15.1	

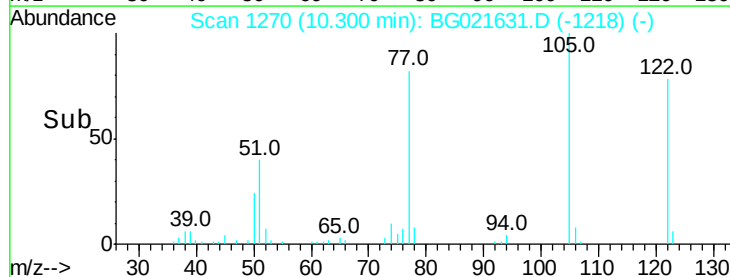
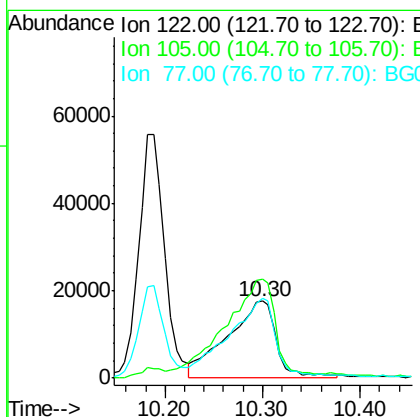
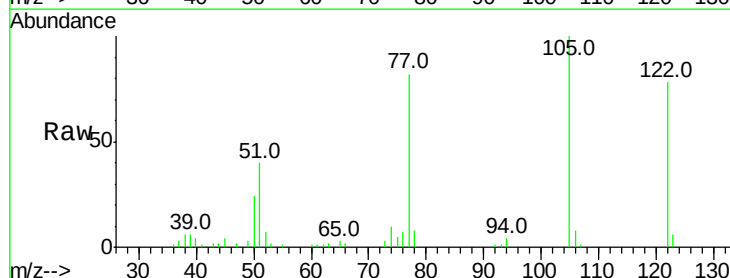
Manual Integrations
APPROVED

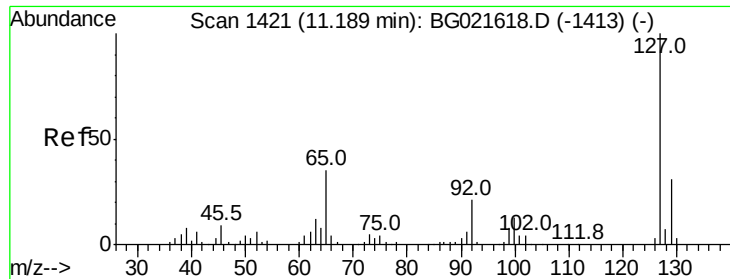
Sohil
4/14/2016 5:30:39 PM



#32
Benzoic acid
Concen: 44.06 ng m
RT: 10.30 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	61987		
105	128.5	104.5	144.5	
77	104.9	79.9	119.9	





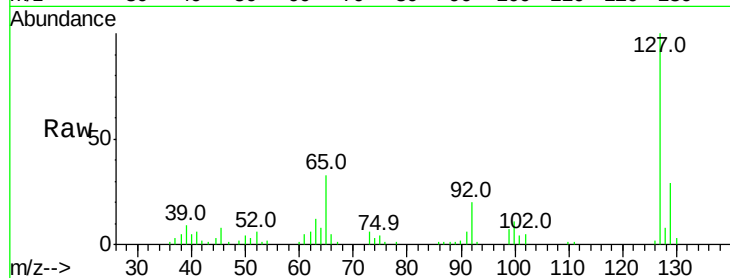
#33
4-Chloroaniline
Concen: 11.71 ng
RT: 11.18 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Instrument :
BNA_G
ClientSampleId :
PB89734BS

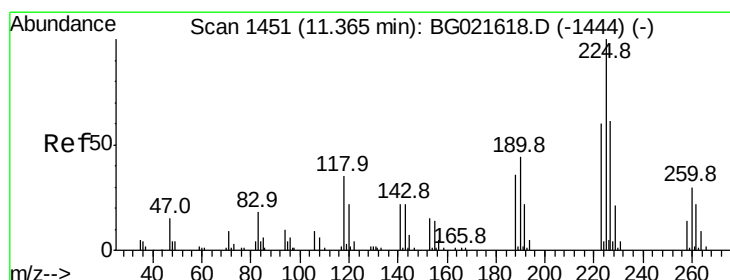
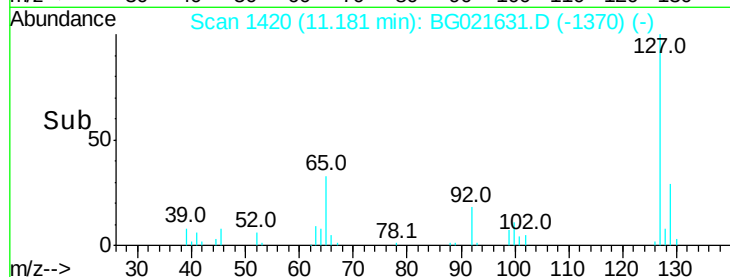
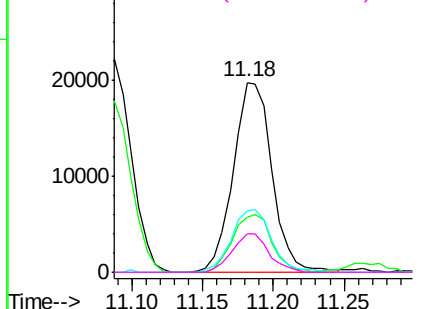
Tot Ion	Ratio	Lower	Upper
127	100		
129	28.8	26.6	39.8
65	32.8	27.5	41.3
92	20.0	14.7	22.1

Manual Integrations
APPROVED

Sohil
4/14/2016 5:30:39 PM

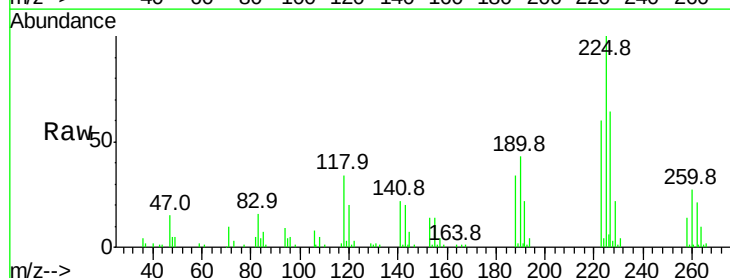


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

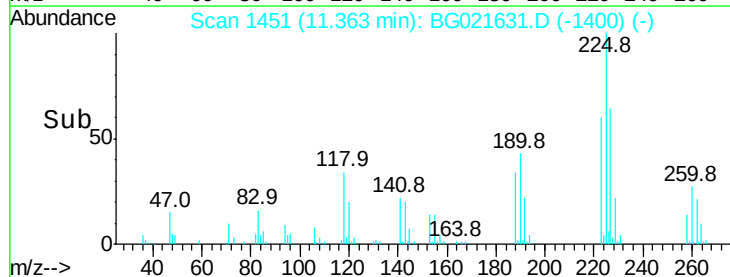
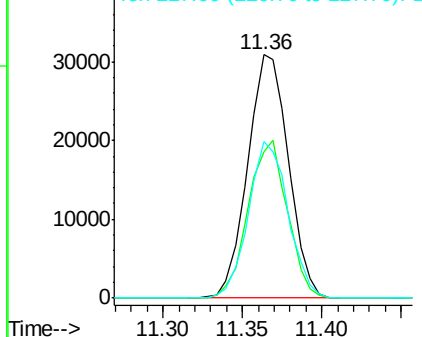


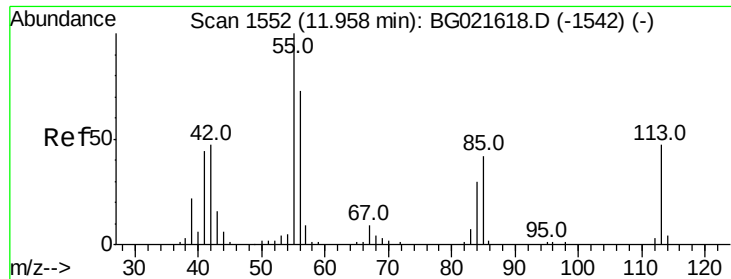
#34
Hexachlorobutadiene
Concen: 36.90 ng
RT: 11.36 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.9	52.7	79.1
227	64.2	49.7	74.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.72 ng/ml

RT: 11.95 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Instrument :

BNA_G

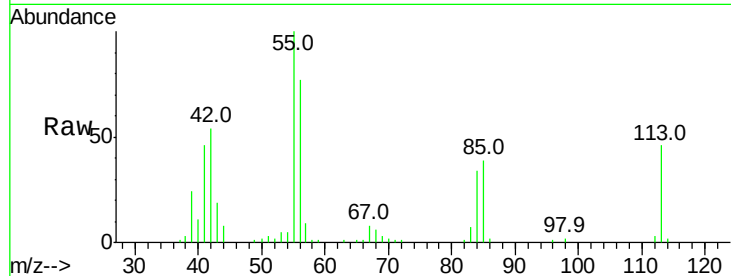
ClientSampleID :

PB89734BS

Tot Ion:	113	Resp:	40196
Ion Ratio	Lower	Upper	
113	100		
55	216.2	194.2	234.2
56	165.5	122.6	162.6#

Manual Integrations
APPROVED

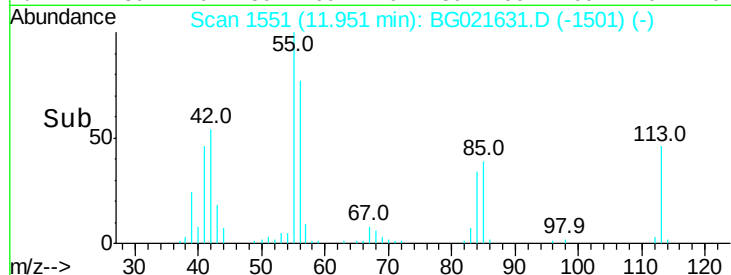
Sohil
4/14/2016 5:30:39 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

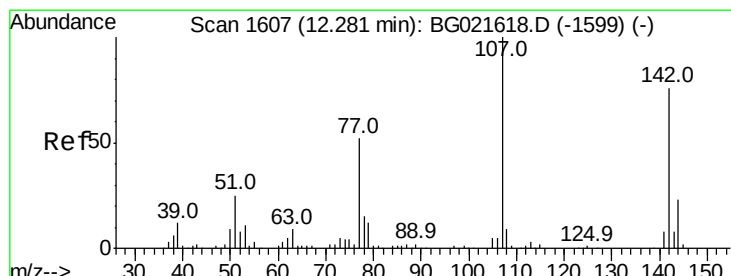
Ion 56.00 (55.70 to 56.70): BG



Time-->

11.95

11.90 12.00 12.10



#36

4-Chloro-3-methylphenol

Concen: 43.27 ng/ml

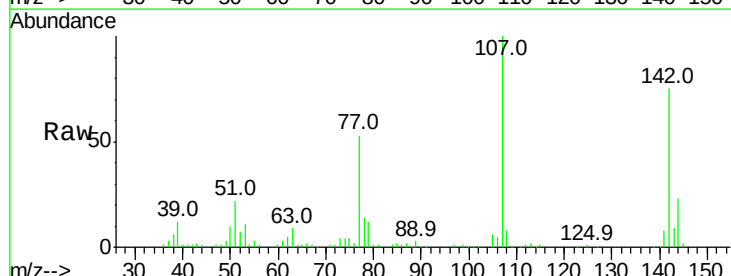
RT: 12.29 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

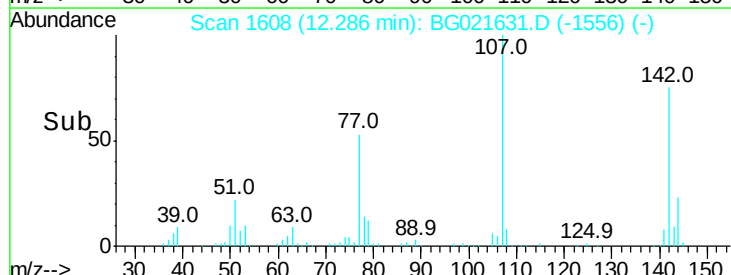
Tgt Ion:	107	Resp:	117379
Ion Ratio	Lower	Upper	
107	100		
144	23.2	19.2	28.8
142	74.8	59.1	88.7



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

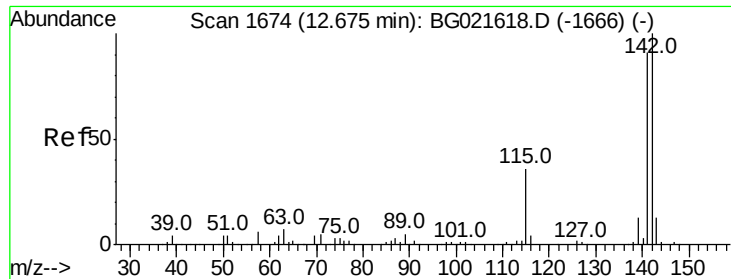
Ion 142.00 (141.70 to 142.70): E



Time-->

12.29

12.20 12.30 12.40



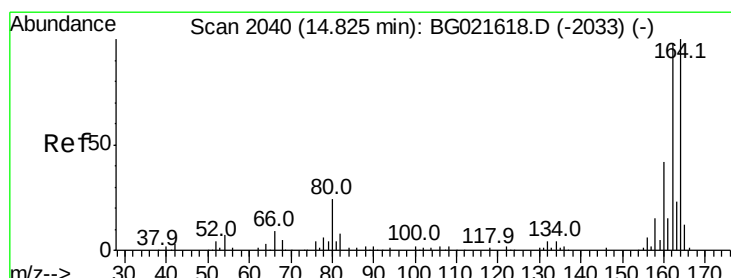
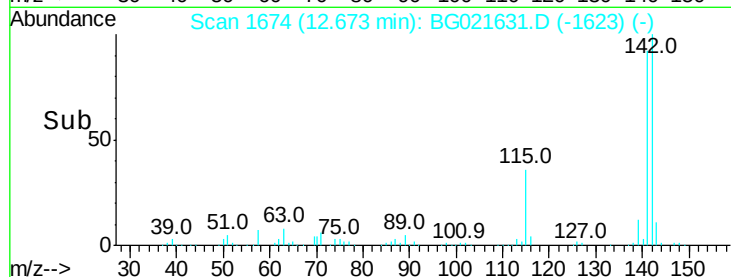
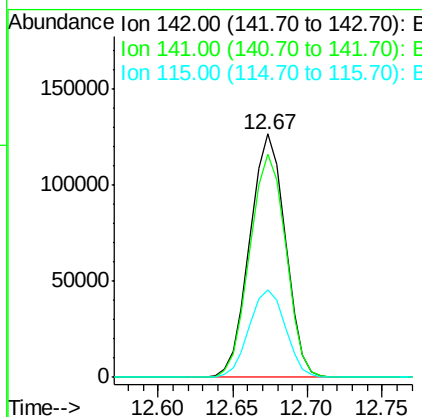
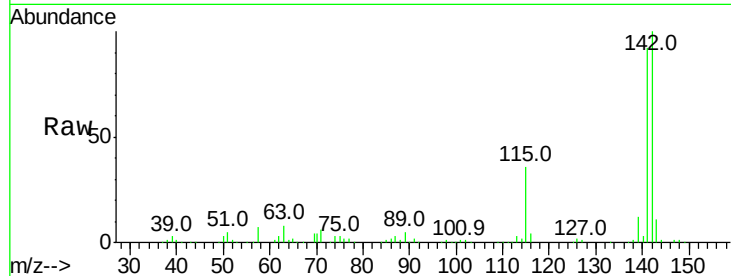
#37
2-Methylnaphthalene
Concen: 40.53 ng
RT: 12.67 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Instrument :
BNA_G
ClientSampleId :
PB89734BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.4	107.0
115	36.1	27.4	41.2

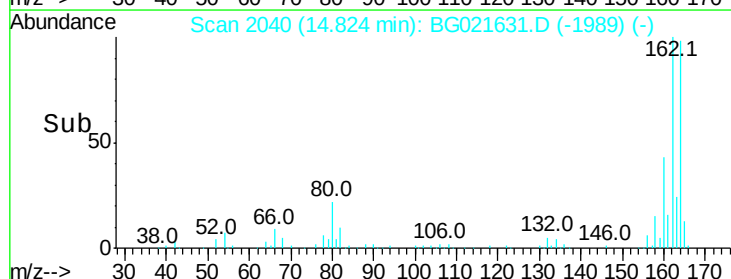
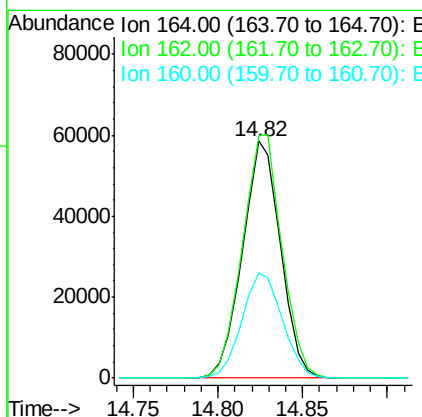
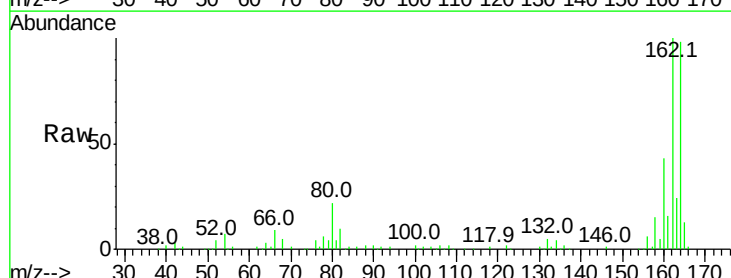
Manual Integrations
APPROVED

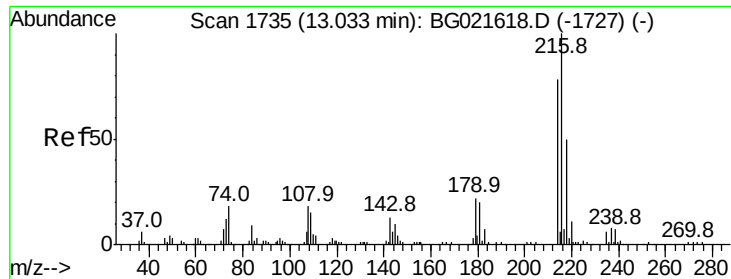
Sohil
4/14/2016 5:30:39 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.0	117.0
160	44.6	32.9	49.3





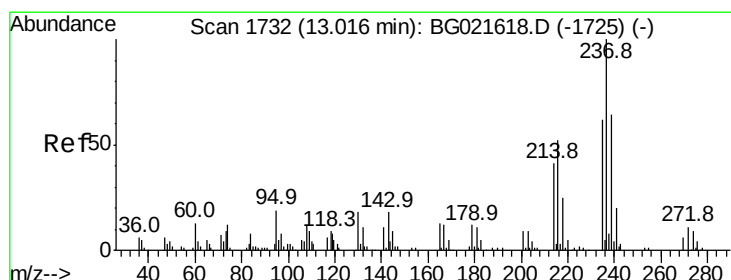
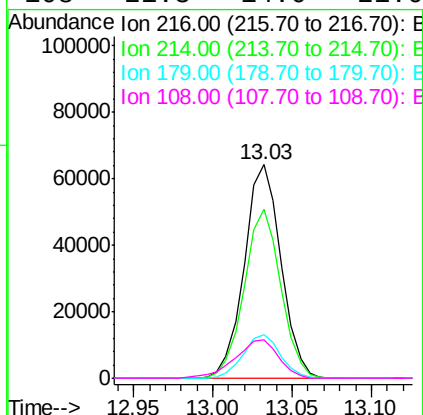
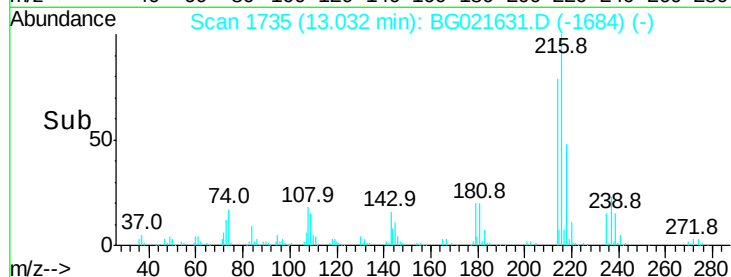
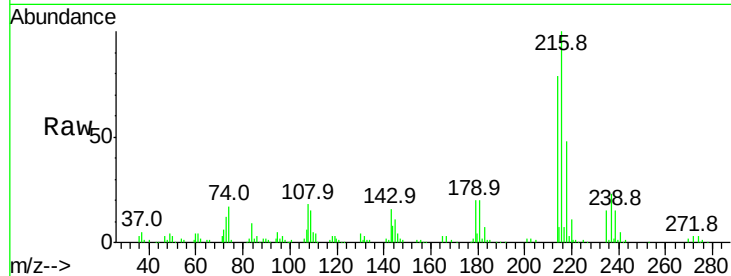
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.10 ng
 RT: 13.03 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Instrument :
 BNA_G
 ClientSampleID :
 PB89734BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.7	62.2	93.2
179	20.7	16.7	25.1
108	21.3	14.0	21.0#

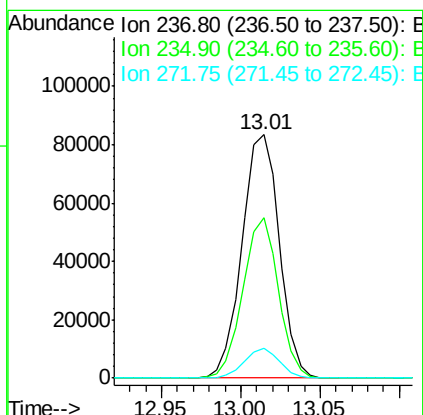
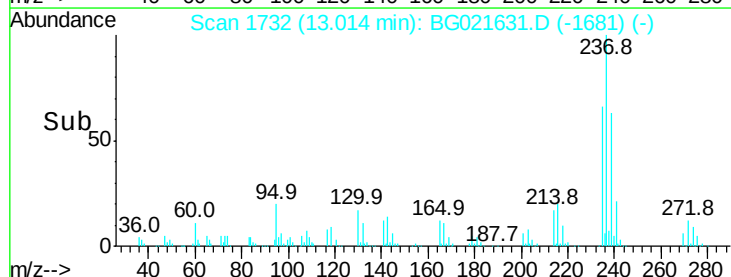
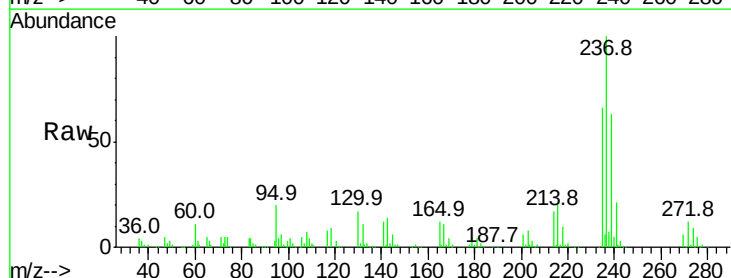
Manual Integrations
 APPROVED

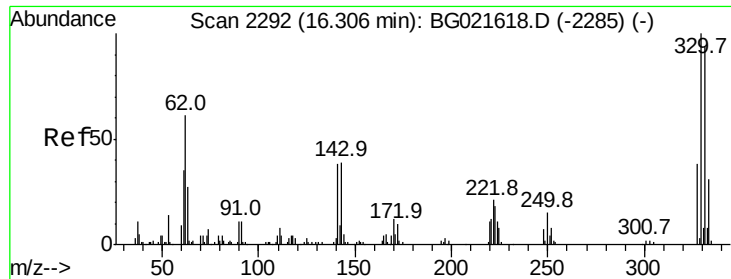
Sohil
 4/14/2016 5:30:39 PM



#40
 Hexachlorocyclopentadiene
 Concen: 85.91 ng
 RT: 13.01 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.7	43.2	83.2
272	12.1	0.0	33.4





#41

2,4,6-Tribromophenol

Concen: 89.12 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Instrument :

BNA_G

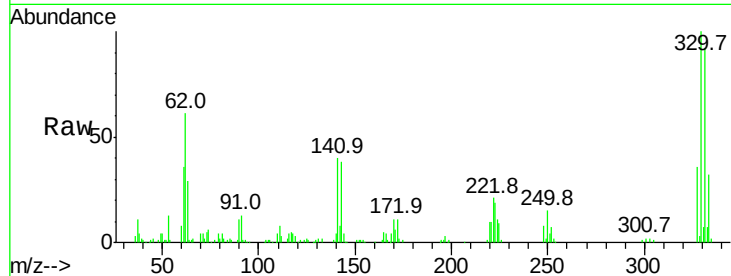
ClientSampleId :

PB89734BS

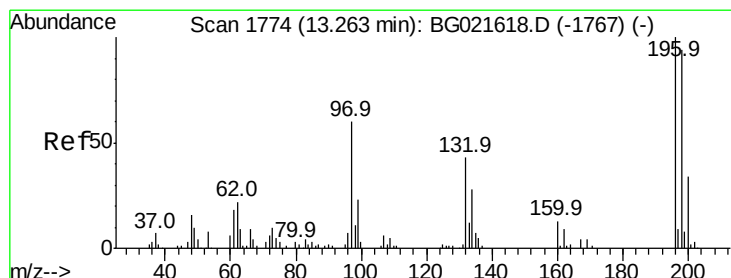
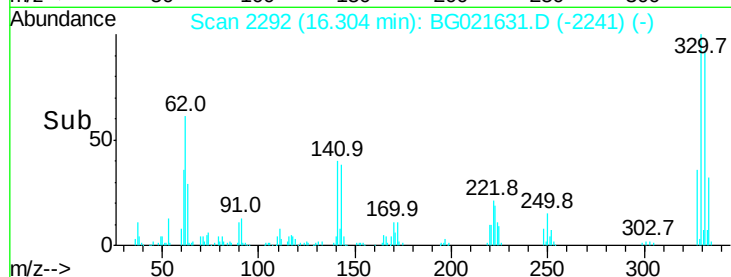
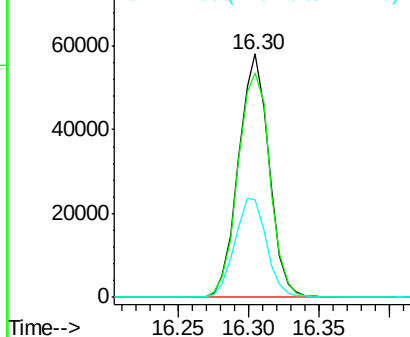
Tot Ion:	330	Resp:	87819
Ion Ratio	Lower	Upper	
330	100		
332	97.5	78.0	117.0
141	42.4	33.8	50.8

Manual Integrations
APPROVED

Sohil
4/14/2016 5:30:39 PM



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 41.76 ng

RT: 13.27 min Scan# 1775

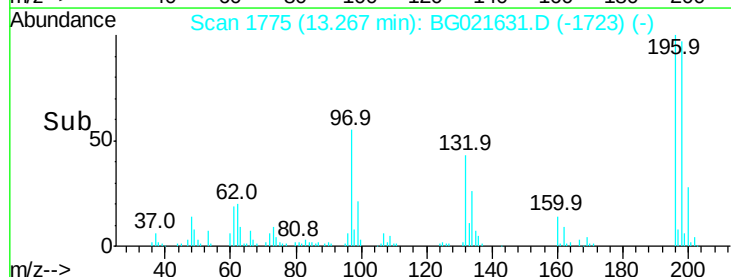
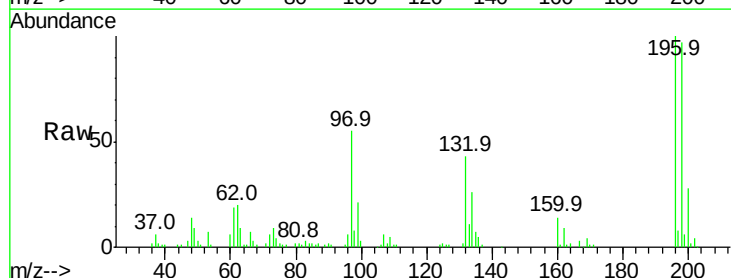
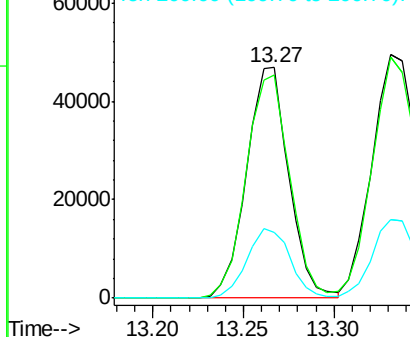
Delta R.T. 0.00 min

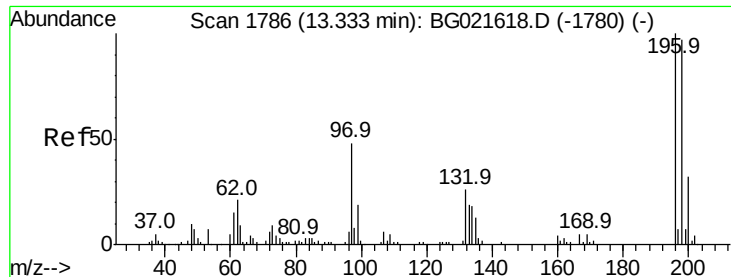
Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Tgt Ion:	196	Resp:	76097
Ion Ratio	Lower	Upper	
196	100		
198	96.7	80.1	120.1
200	28.4	24.1	36.1

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





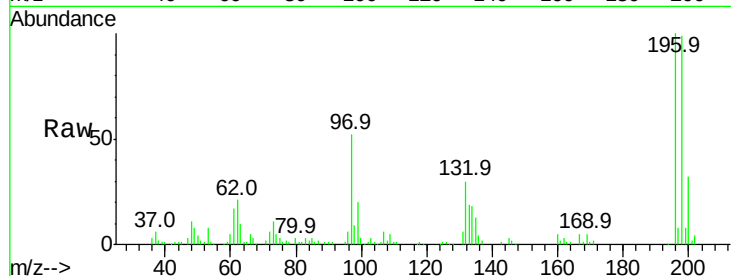
#43
 2,4,5-Trichlorophenol
 Concen: 43.92 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Instrument :
 BNA_G
 ClientSampled :
 PB89734BS

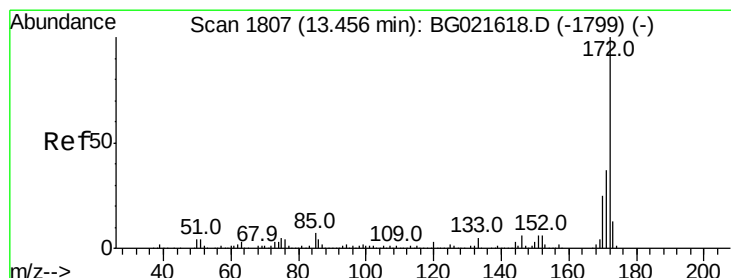
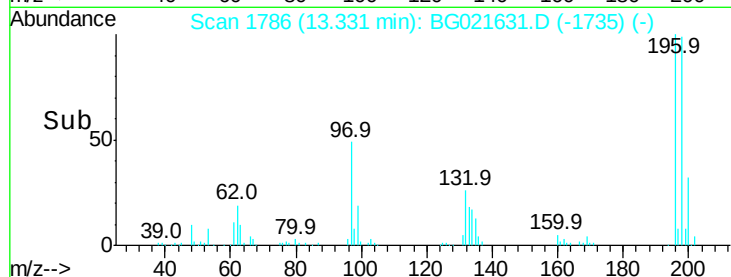
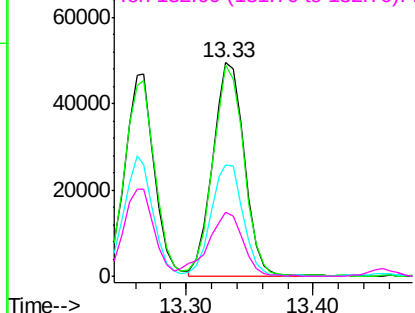
Tot Ion:	196	Resp:	86348
Ion Ratio	Lower	Upper	
196	100		
198	98.8	78.0	117.0
97	52.2	43.0	64.6
132	29.7	23.0	34.4

Manual Integrations
 APPROVED

Sohil
 4/14/2016 5:30:39 PM

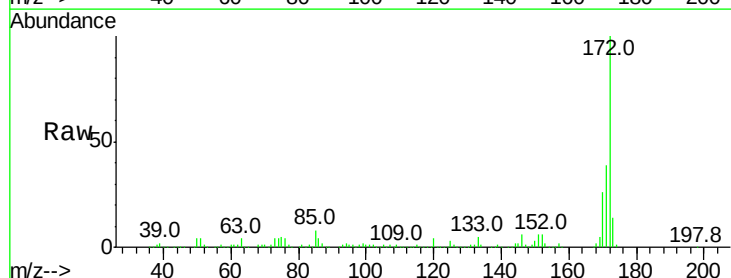


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

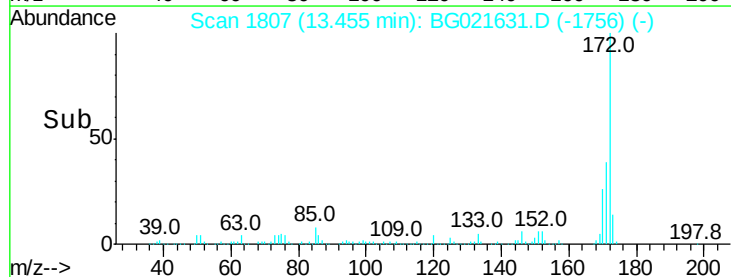
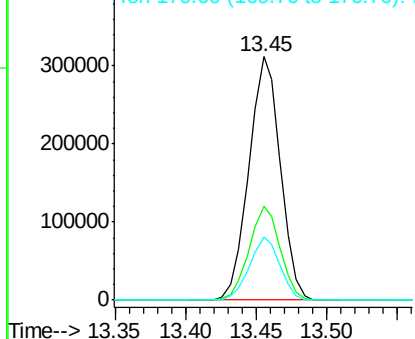


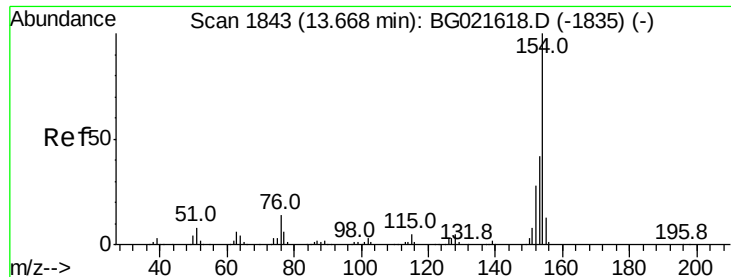
#44
 2-Fluorobiphenyl
 Concen: 78.16 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Tgt Ion:	172	Resp:	487768
Ion Ratio	Lower	Upper	
172	100		
171	38.7	27.8	41.6
170	25.8	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





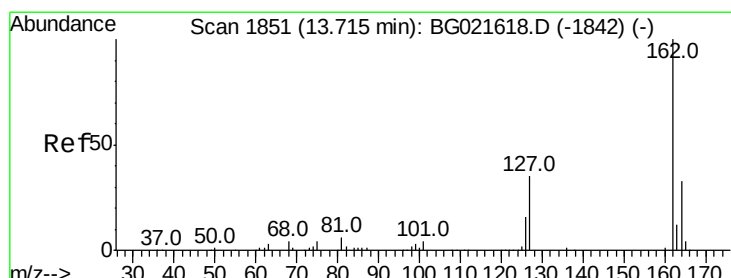
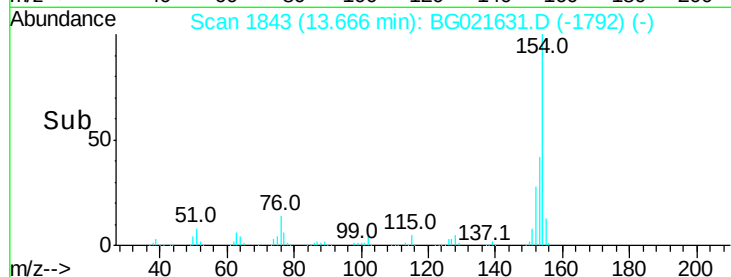
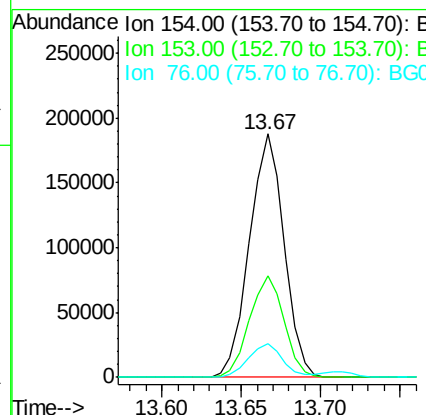
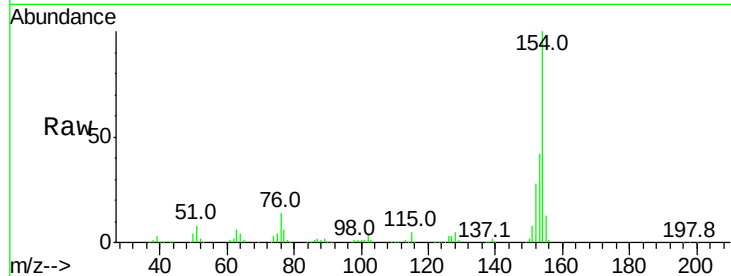
#45
 1,1'-Biphenyl
 Concen: 37.01 ng
 RT: 13.67 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	285116		
153	41.7	19.7	59.7	
76	13.7	0.0	33.0	

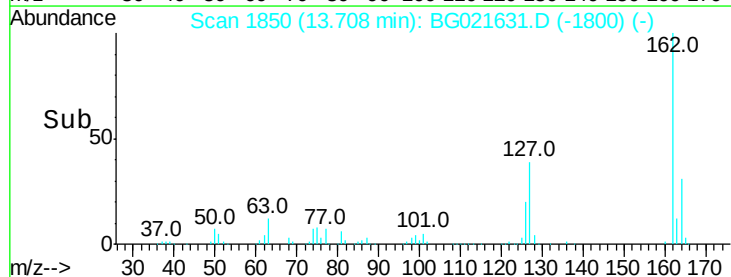
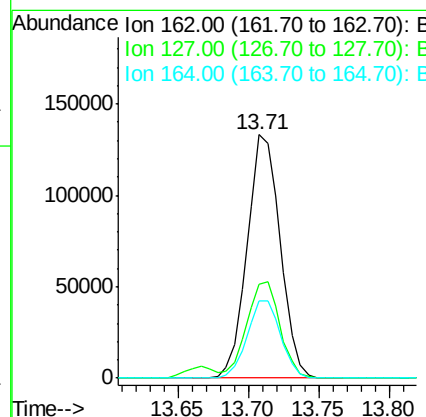
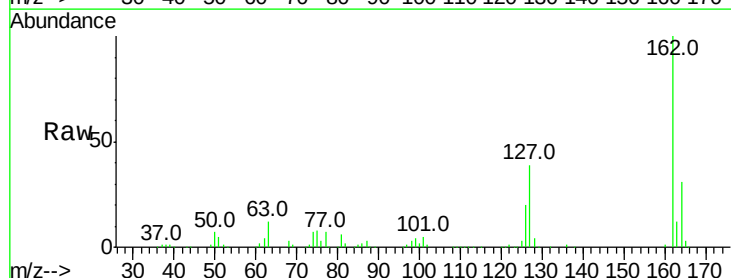
Manual Integrations
 APPROVED

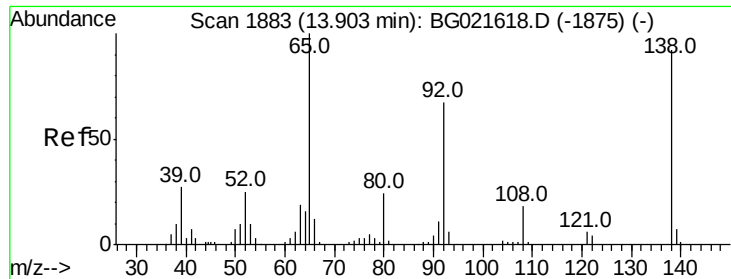
Sohil
 4/14/2016 5:30:39 PM



#46
 2-Chloronaphthalene
 Concen: 38.35 ng
 RT: 13.71 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	218432		
127	38.7	32.0	48.0	
164	31.5	27.0	40.4	





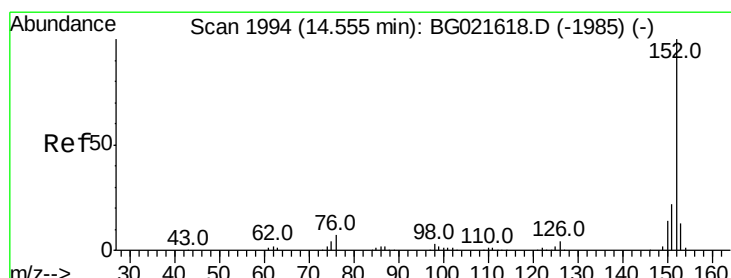
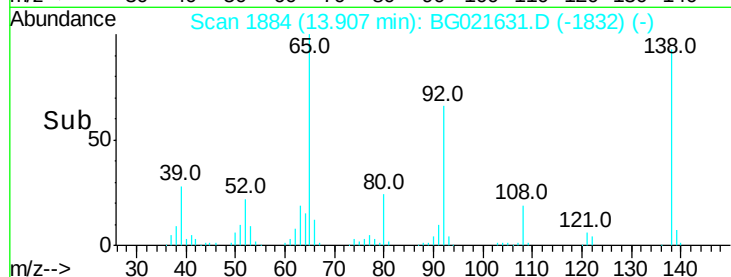
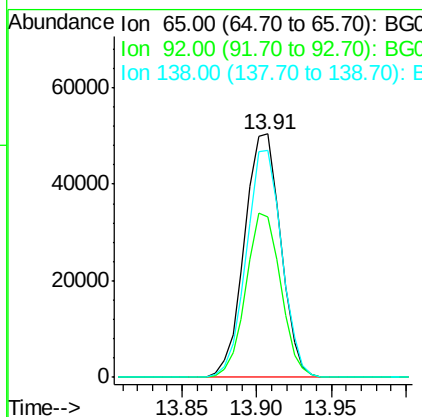
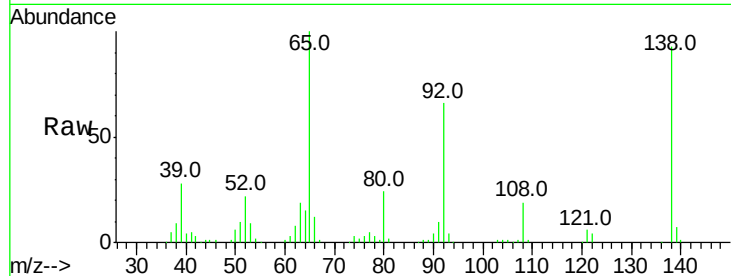
#47
2-Nitroaniline
Concen: 43.31 ng
RT: 13.91 min Scan# 1884
Delta R.T. 0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Instrument :
BNA_G
ClientSampleId :
PB89734BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.0	49.2	73.8
138	93.4	75.0	112.6

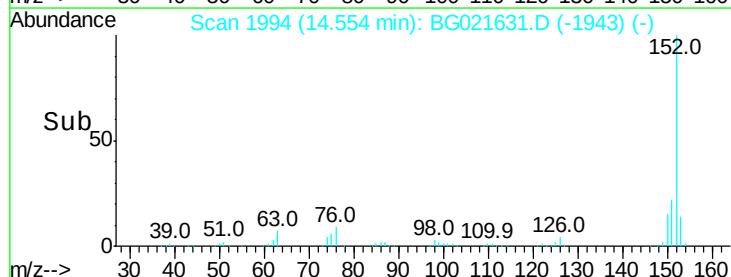
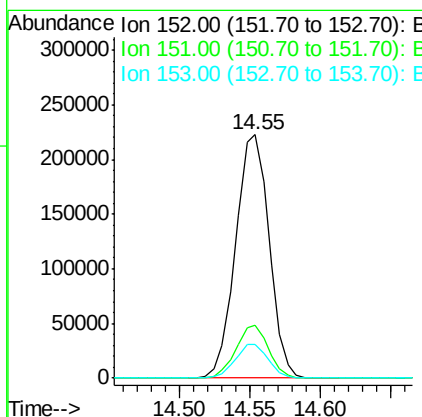
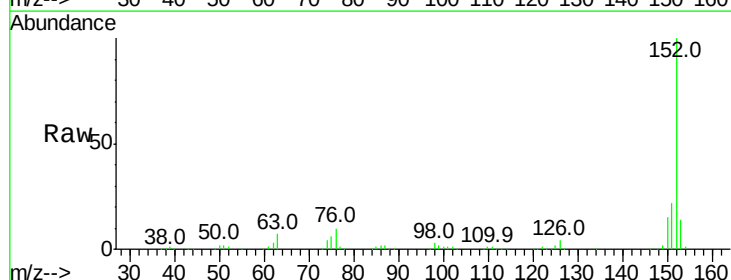
Manual Integrations
APPROVED

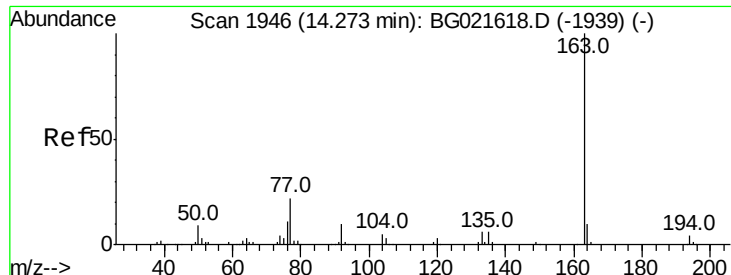
Sohil
4/14/2016 5:30:39 PM



#48
Acenaphthylene
Concen: 39.15 ng
RT: 14.55 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.6	24.8
153	14.0	10.2	15.2





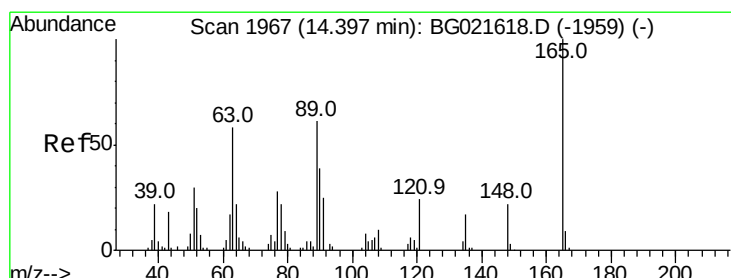
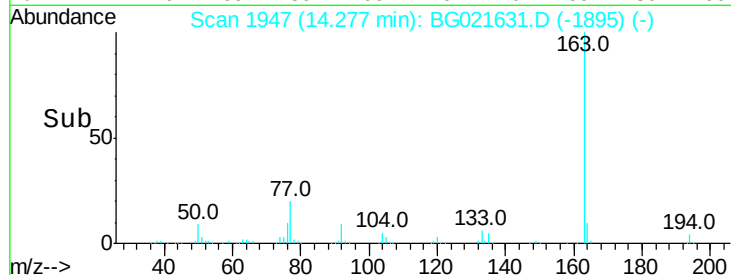
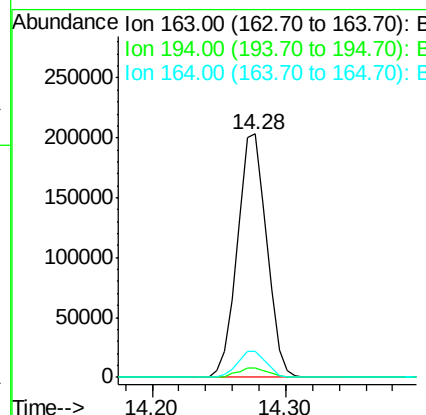
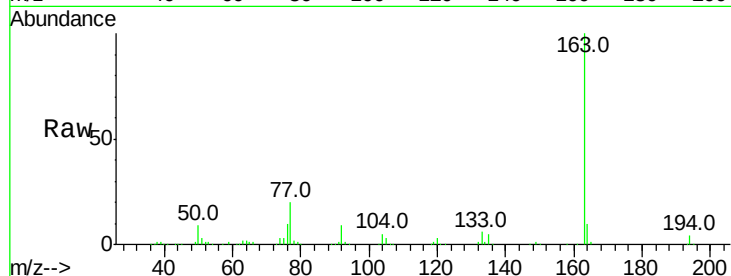
#49
Dimethylphthalate
Concen: 39.22 ng
RT: 14.28 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Instrument :
BNA_G
ClientSampleID :
PB89734BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	310041		
194	4.0	3.0	4.6	
164	10.5	8.1	12.1	

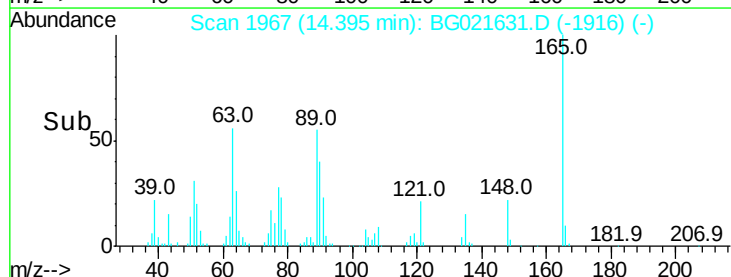
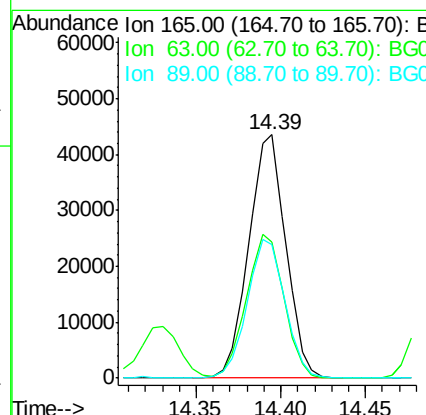
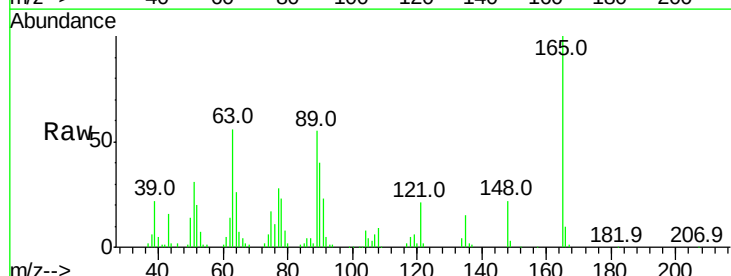
Manual Integrations
APPROVED

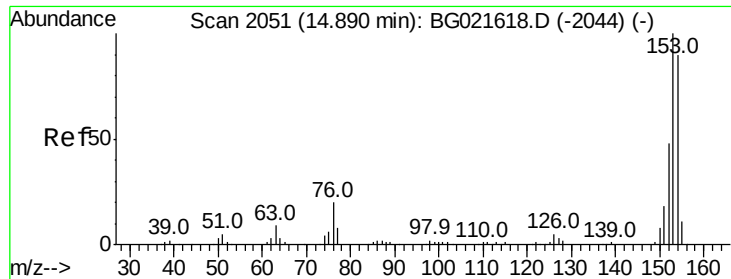
Sohil
4/14/2016 5:30:39 PM



#50
2,6-Dinitrotoluene
Concen: 44.00 ng
RT: 14.39 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	66322		
63	55.7	48.2	72.4	
89	55.0	45.3	67.9	





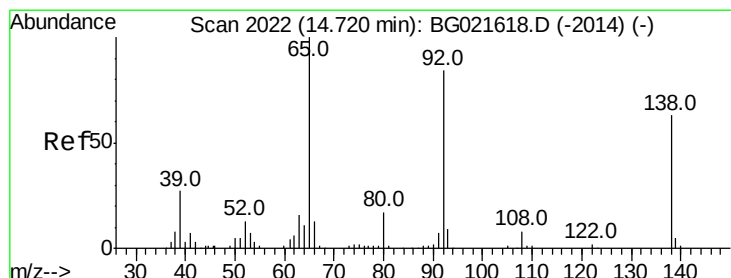
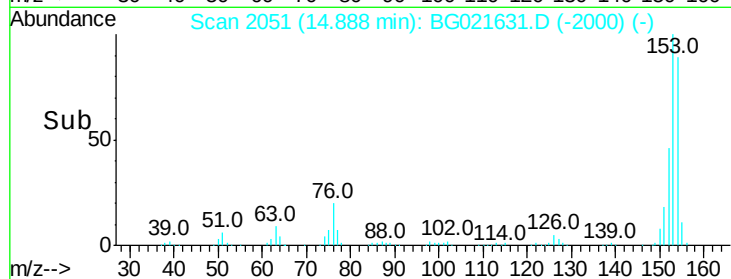
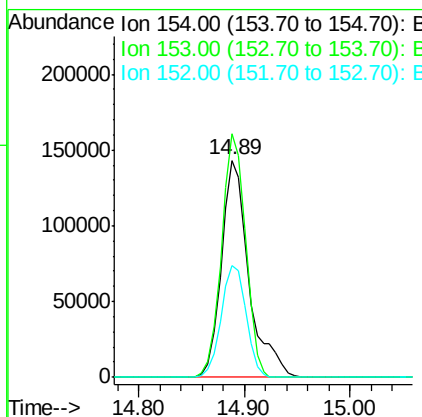
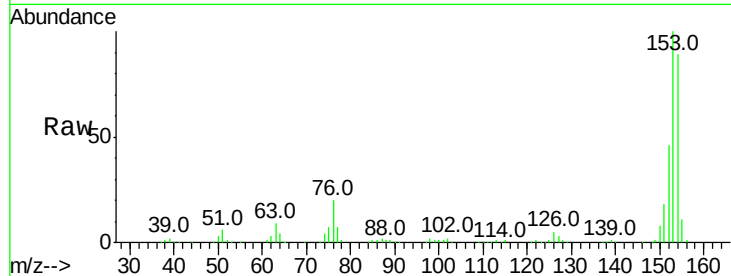
#51
Acenaphthene
Concen: 43.05 ng
RT: 14.89 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Instrument :
BNA_G
ClientSampleId :
PB89734BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.9	137.9
152	51.6	42.0	63.0

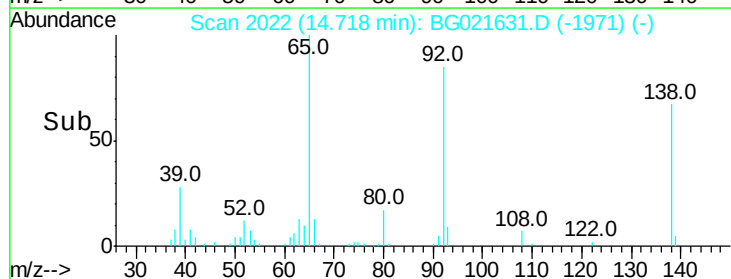
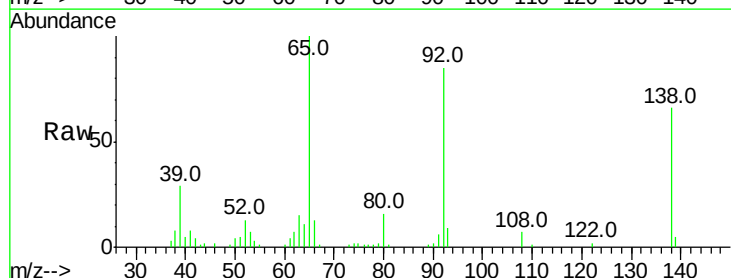
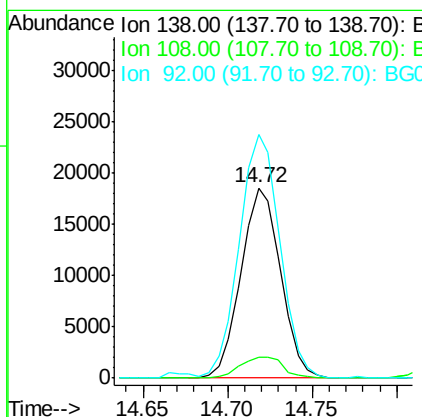
Manual Integrations
APPROVED

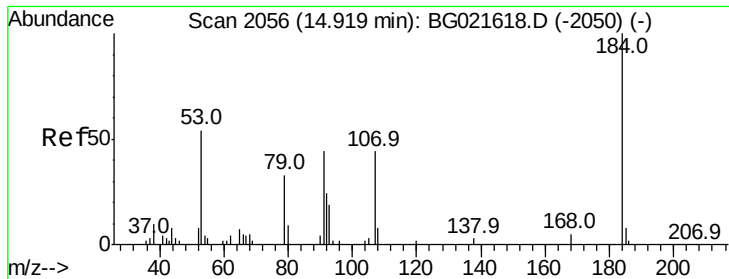
Sohil
4/14/2016 5:30:39 PM



#52
3-Nitroaniline
Concen: 18.08 ng
RT: 14.72 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	127.9	102.6	154.0





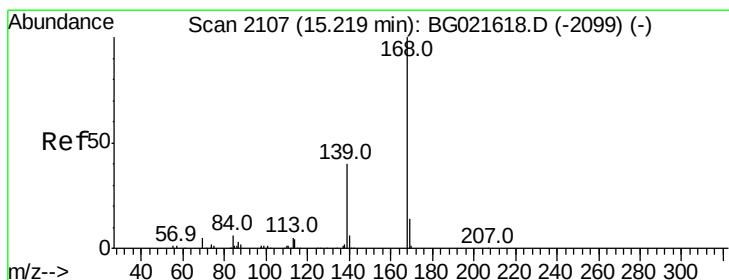
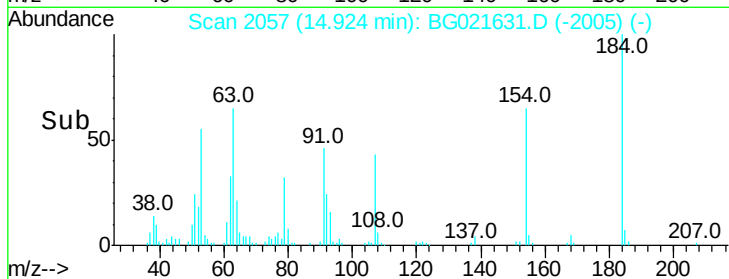
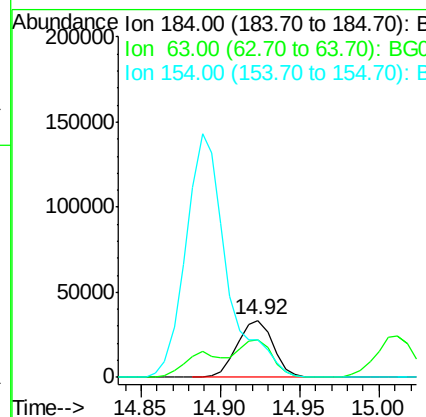
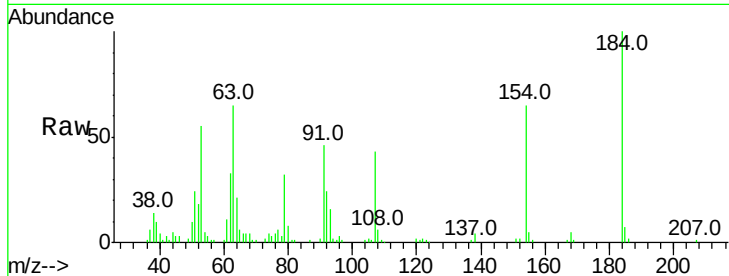
#53
 2,4-Dinitrophenol
 Concen: 90.46 ng
 RT: 14.92 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	65.0	57.3	85.9	
154	65.5	55.2	82.8	

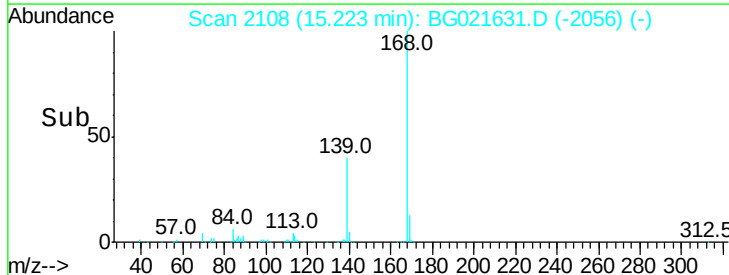
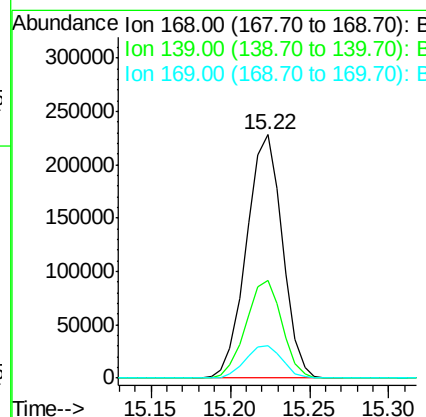
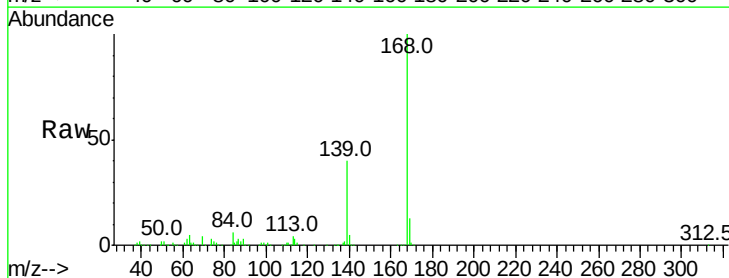
Manual Integrations
 APPROVED

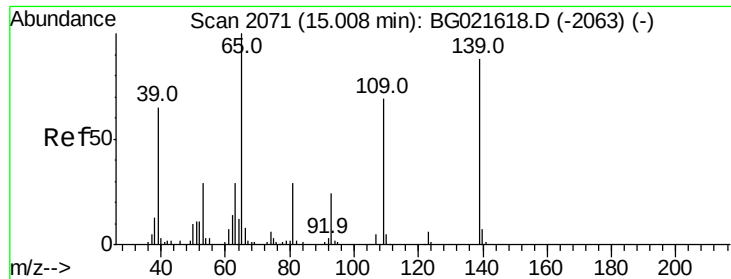
Sohil
 4/14/2016 5:30:39 PM



#54
 Dibenzofuran
 Concen: 43.72 ng
 RT: 15.22 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.0	31.1	46.7	
169	13.4	11.0	16.6	





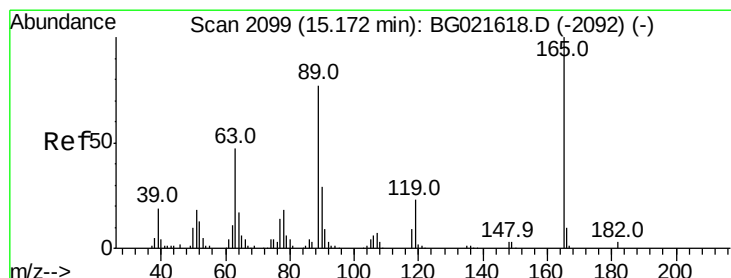
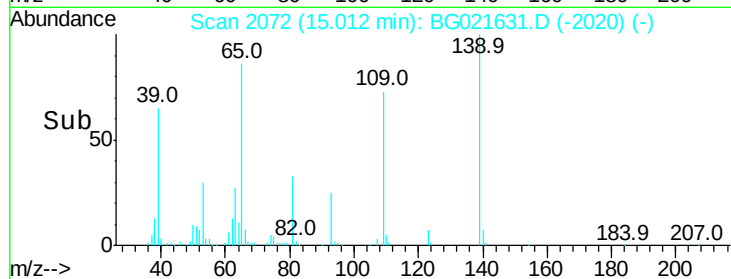
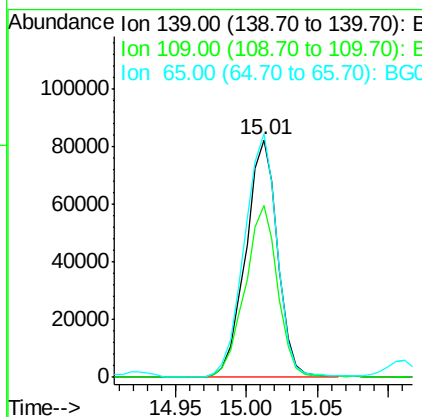
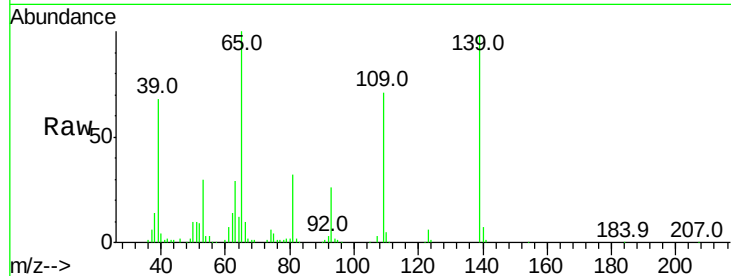
#55
4-Nitrophenol
Concen: 90.91 ng
RT: 15.01 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Instrument :
BNA_G
ClientSampleId :
PB89734BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.5	49.2	89.2	
65	102.4	83.2	123.2	

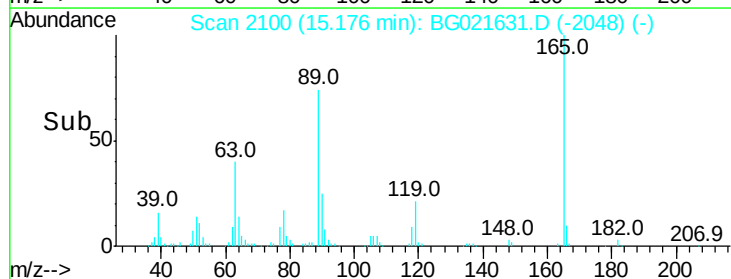
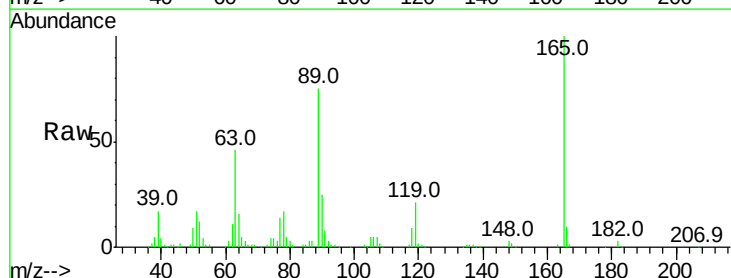
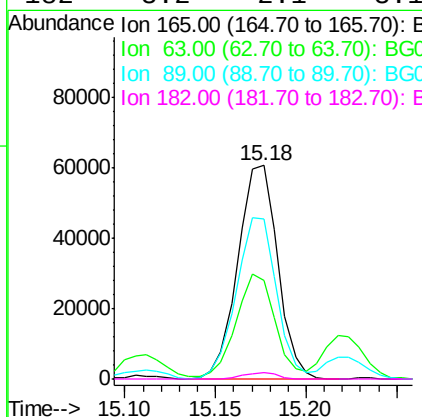
Manual Integrations
APPROVED

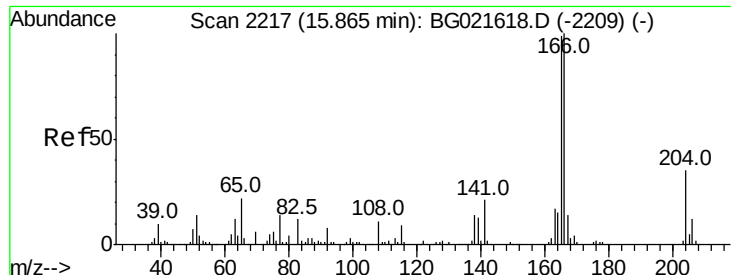
Sohil
4/14/2016 5:30:39 PM



#56
2,4-Dinitrotoluene
Concen: 45.61 ng
RT: 15.18 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.5	37.4	56.0	
89	75.0	59.4	89.0	
182	3.2	2.1	3.1#	





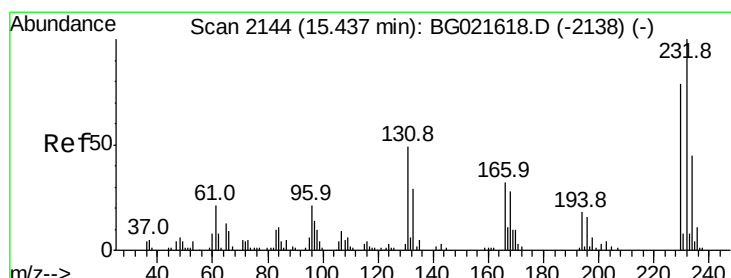
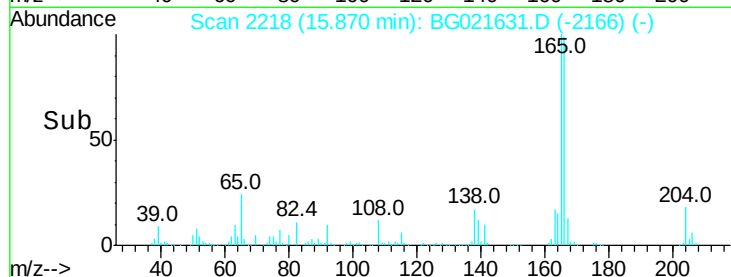
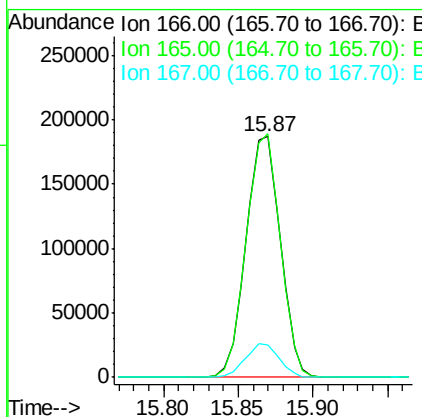
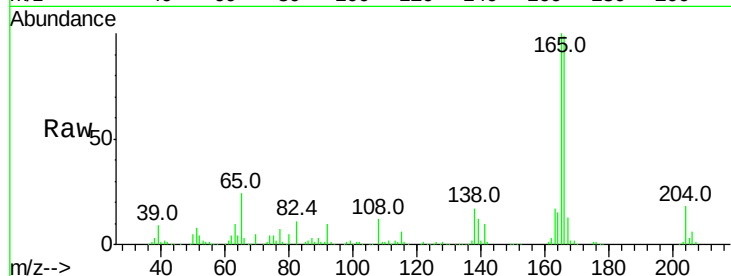
#57
Fluorene
 Concen: 40.55 ng
 RT: 15.87 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.2	79.0	118.4	
167	13.6	10.7	16.1	

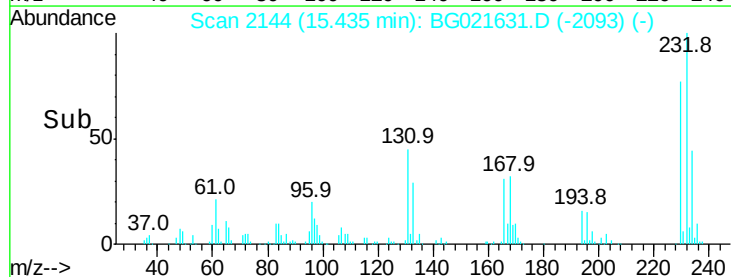
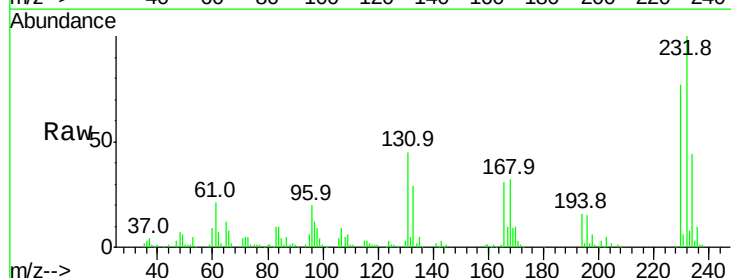
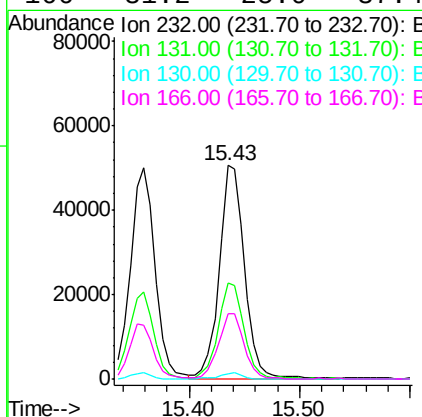
Manual Integrations
 APPROVED

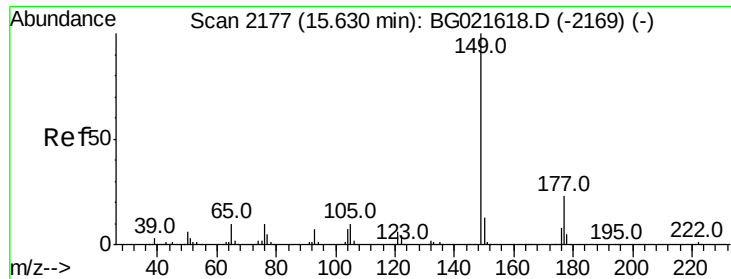
Sohil
 4/14/2016 5:30:39 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.62 ng
 RT: 15.43 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	46.2	36.3	54.5	
130	2.7	1.9	2.9	
166	31.2	25.0	37.4	





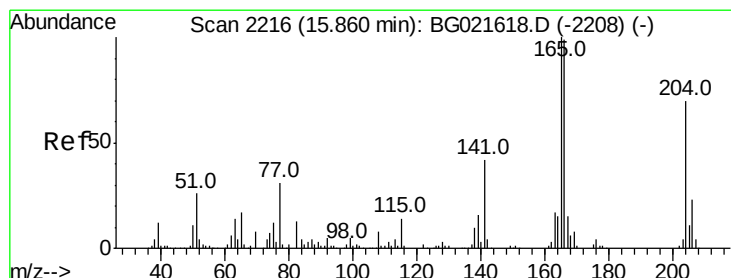
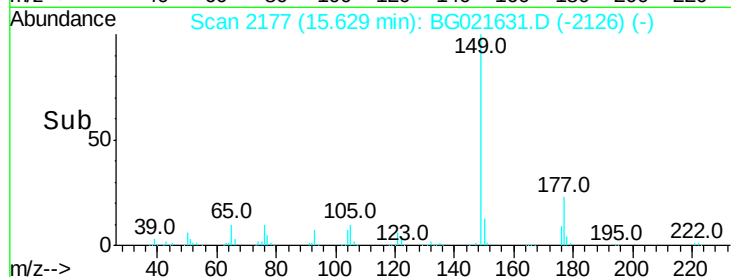
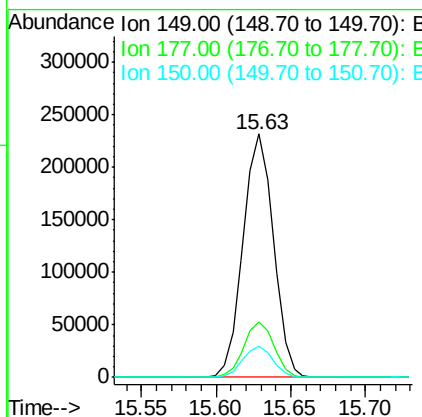
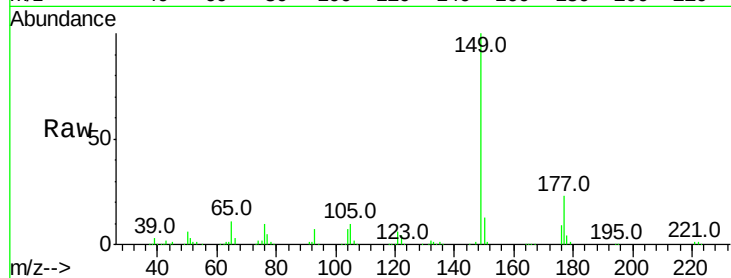
#59
Diethylphthalate
Concen: 39.52 ng
RT: 15.63 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Instrument :
BNA_G
ClientSampleId :
PB89734BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.8	17.3	25.9	
150	12.8	9.7	14.5	

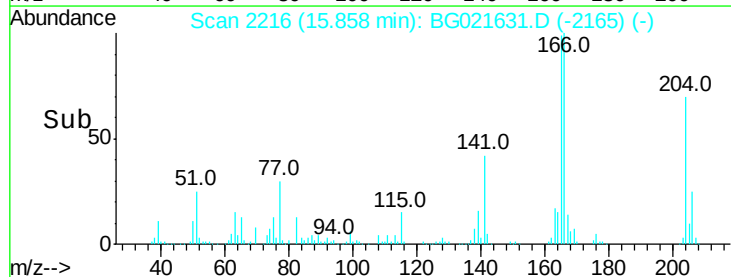
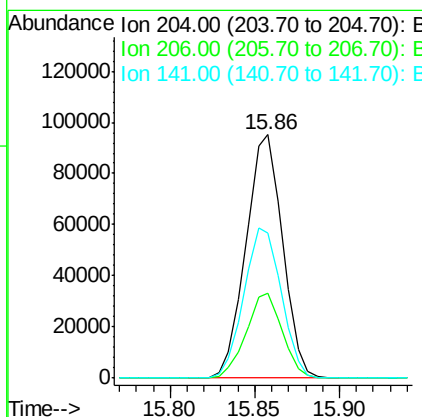
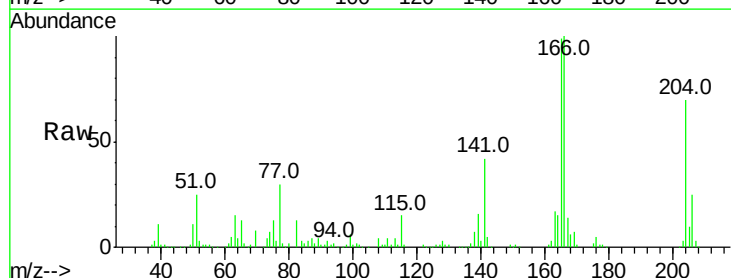
Manual Integrations
APPROVED

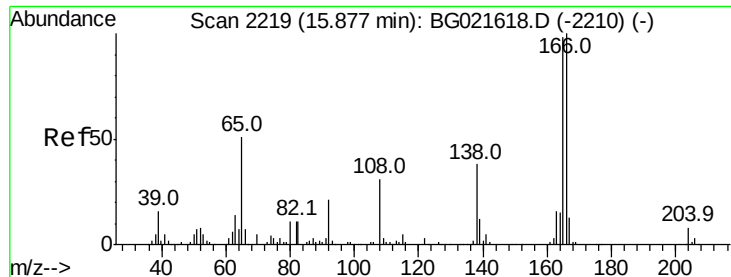
Sohil
4/14/2016 5:30:39 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.80 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.1	27.8	41.8	
141	59.8	51.0	76.4	





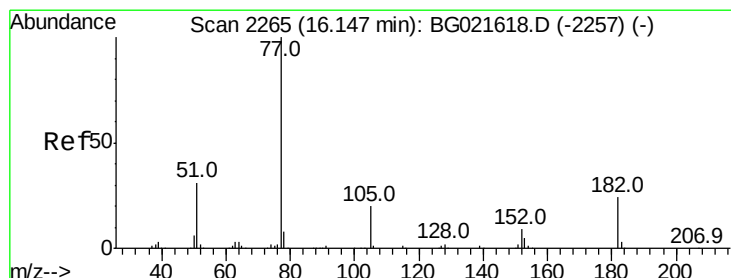
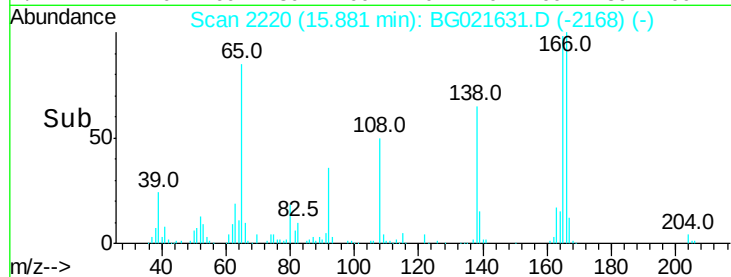
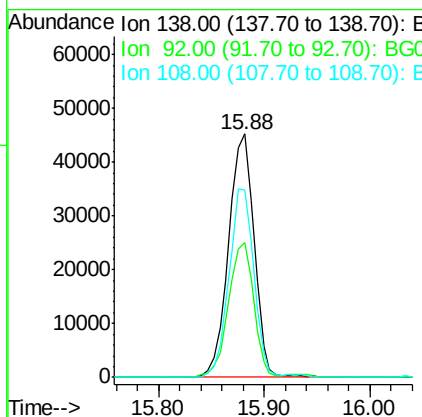
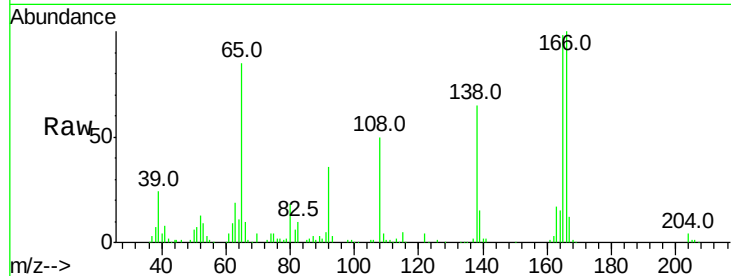
#61
 4-Nitroaniline
 Concen: 40.96 ng
 RT: 15.88 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BS

Tot Ion:	138	Resp:	75343
Ion Ratio	Lower	Upper	
138	100		
92	55.3	37.7	77.7
108	77.0	59.4	99.4

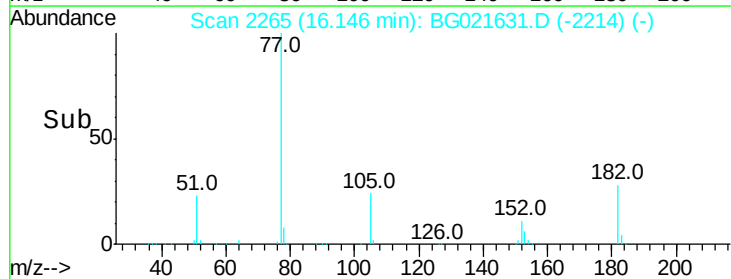
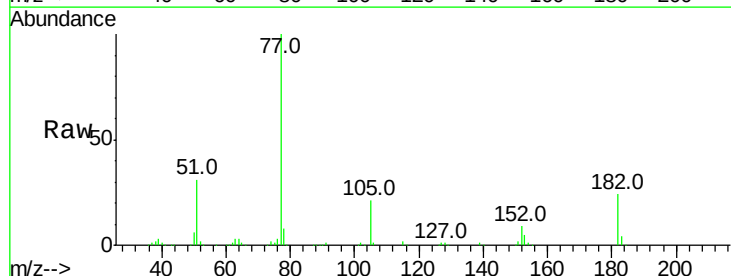
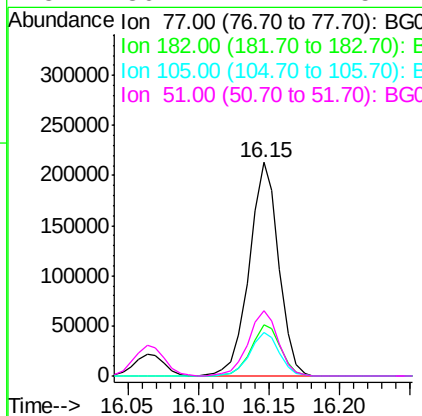
Manual Integrations
 APPROVED

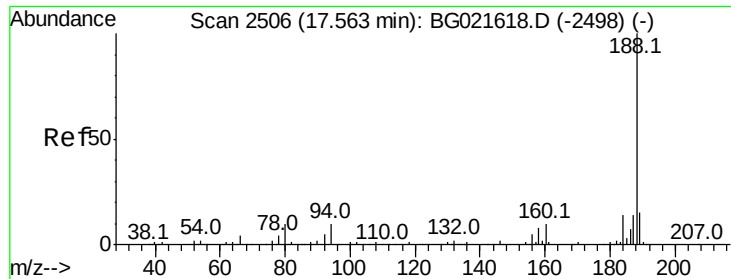
Sohil
 4/14/2016 5:30:39 PM



#62
 Azobenzene
 Concen: 44.05 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Tgt Ion:	77	Resp:	311463
Ion Ratio	Lower	Upper	
77	100		
182	23.8	4.1	44.1
105	20.7	0.0	39.8
51	30.7	11.1	51.1





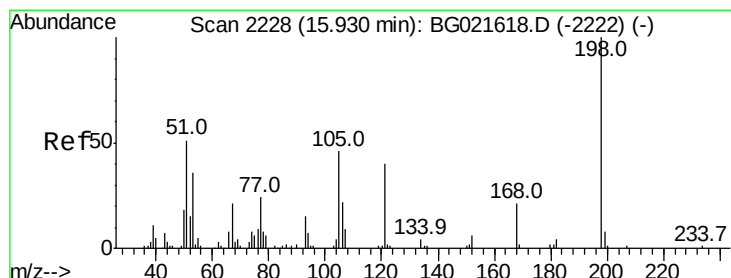
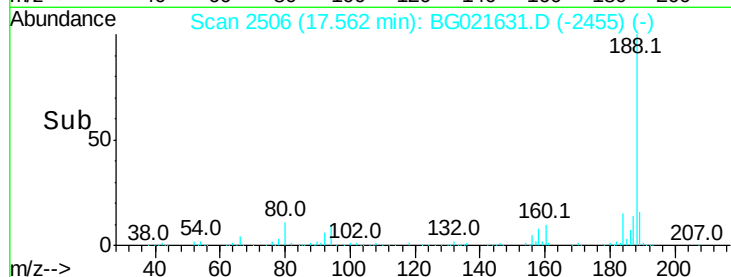
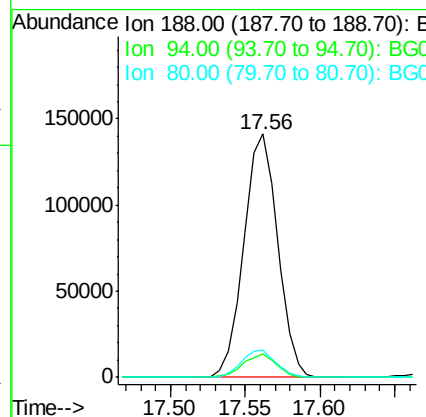
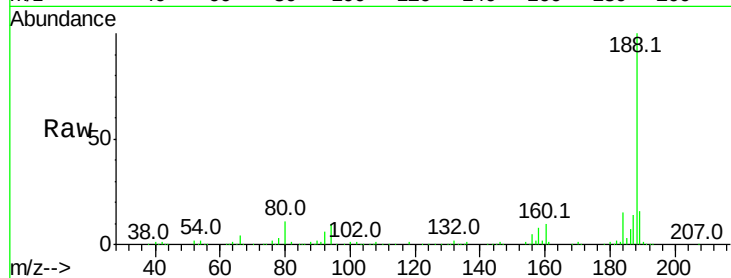
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	221657		
94	9.6		7.5	11.3
80	11.0		8.6	13.0

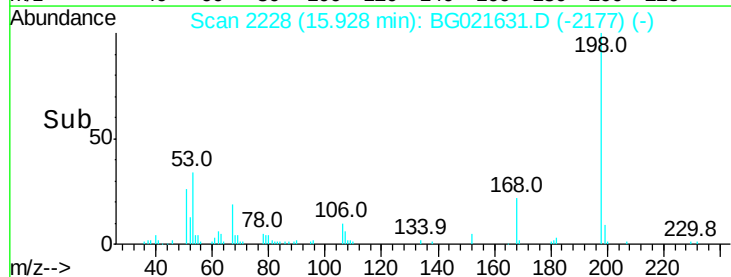
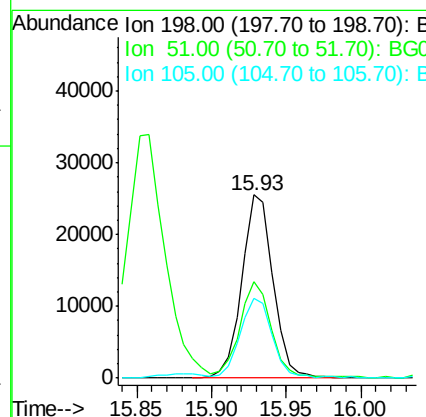
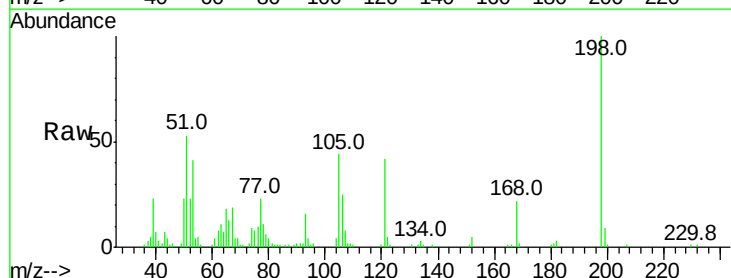
Manual Integrations
 APPROVED

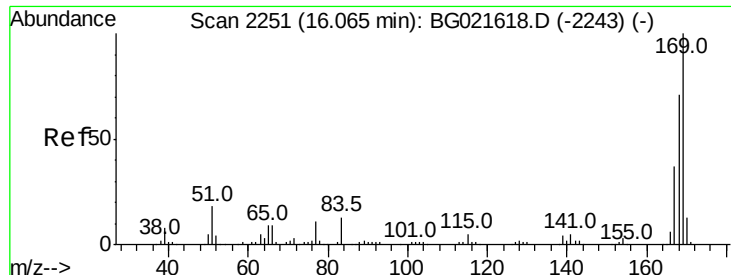
Sohil
 4/14/2016 5:30:39 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.82 ng
 RT: 15.93 min Scan# 2228
 Delta R.T. -0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	36846		
51	52.8		29.2	69.2
105	43.8		24.0	64.0





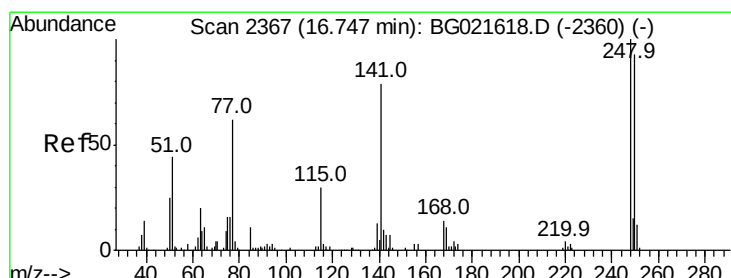
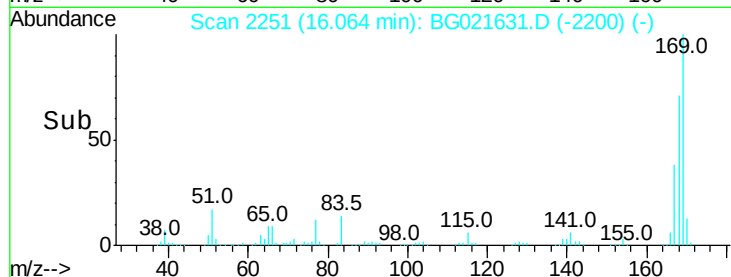
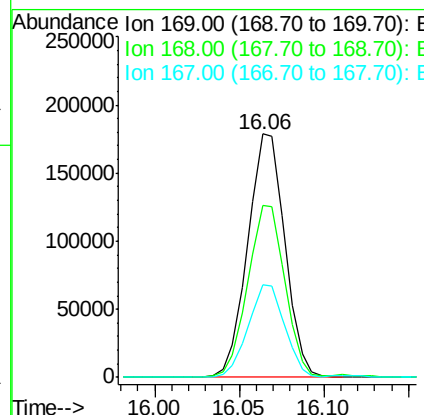
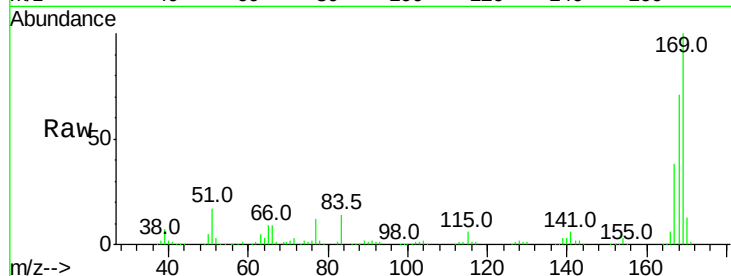
#65
n-Nitrosodiphenylamine
Concen: 41.11 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Instrument :
BNA_G
ClientSampleId :
PB89734BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	273317		
168	70.5		59.6	89.4
167	38.3		31.2	46.8

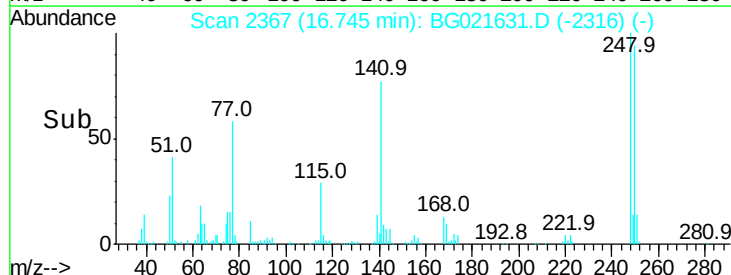
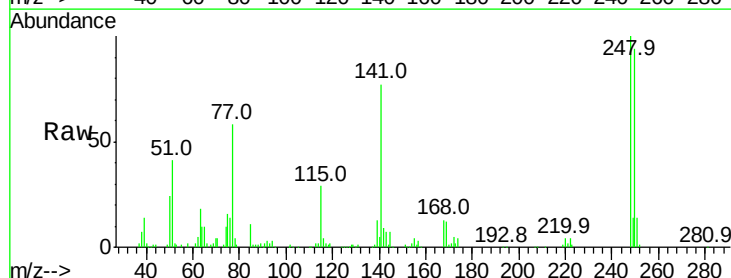
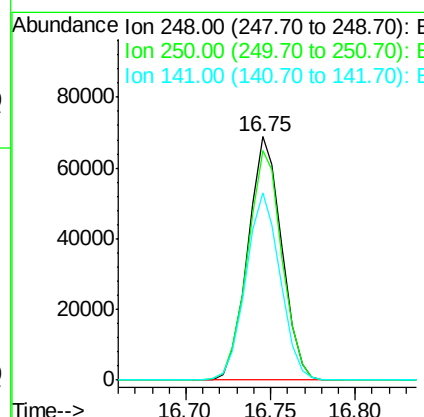
Manual Integrations
APPROVED

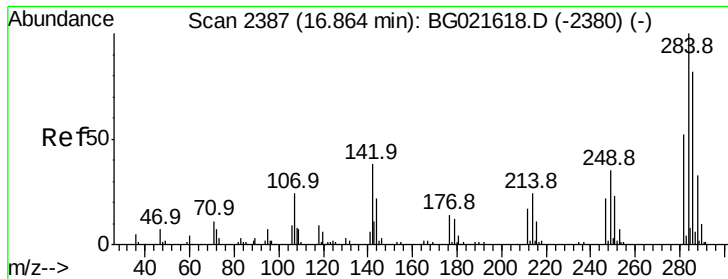
Sohil
4/14/2016 5:30:39 PM



#66
4-Bromophenyl-phenylether
Concen: 40.47 ng
RT: 16.75 min Scan# 2367
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	96117		
250	94.2		76.6	114.8
141	76.8		63.8	95.6





#67

Hexachlorobenzene

Concen: 39.77 ng

RT: 16.86 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Instrument :

BNA_G

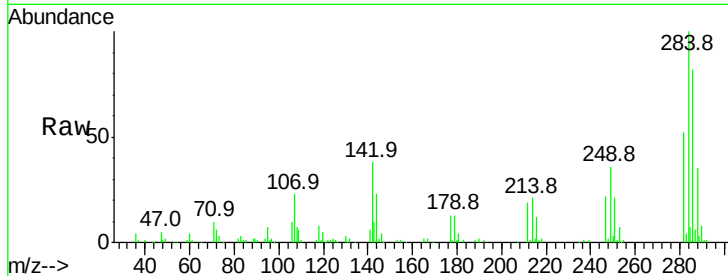
ClientSampleId :

PB89734BS

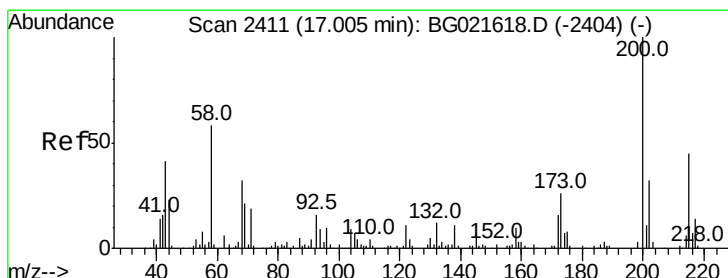
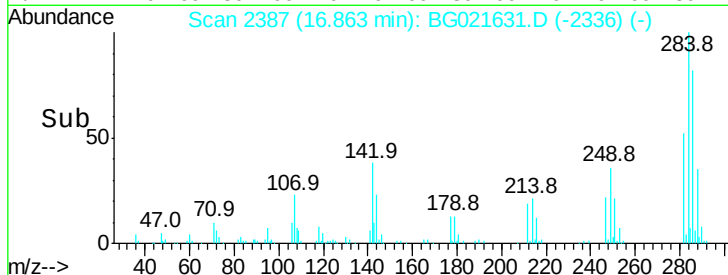
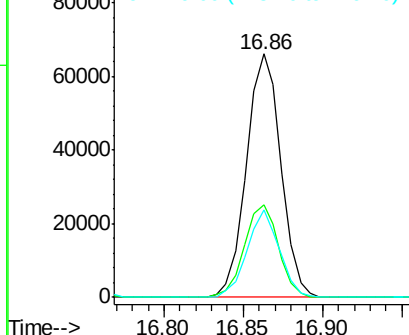
Tot Ion:	284	Resp:	99714
Ion Ratio	Lower	Upper	
284	100		
142	38.0	31.8	47.6
249	35.8	27.3	40.9

Manual Integrations
APPROVED

Sohil
4/14/2016 5:30:39 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.14 ng

RT: 17.00 min Scan# 2411

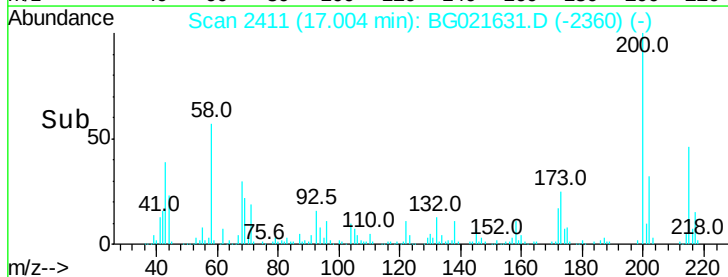
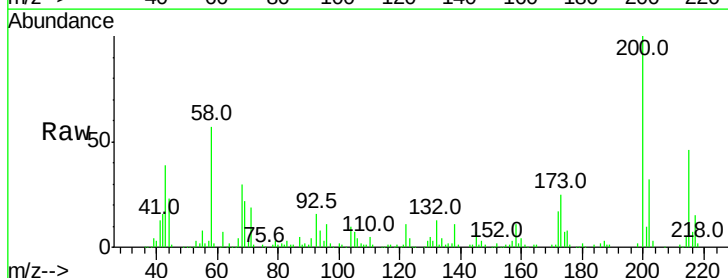
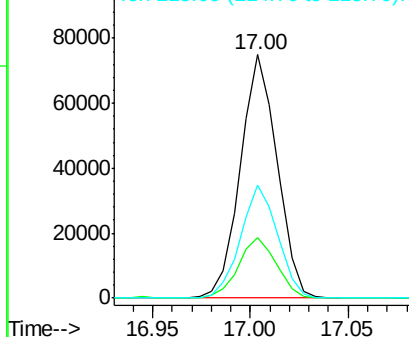
Delta R.T. -0.00 min

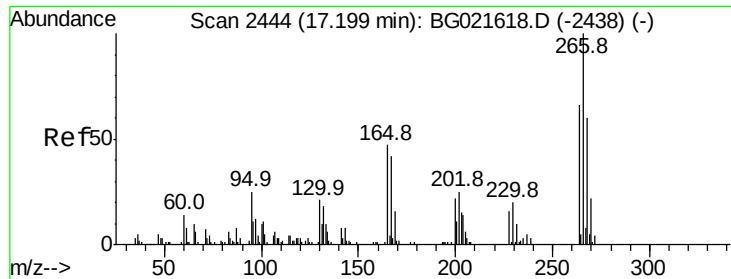
Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Tgt Ion:	200	Resp:	97496
Ion Ratio	Lower	Upper	
200	100		
173	24.7	5.1	45.1
215	46.5	28.0	68.0

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





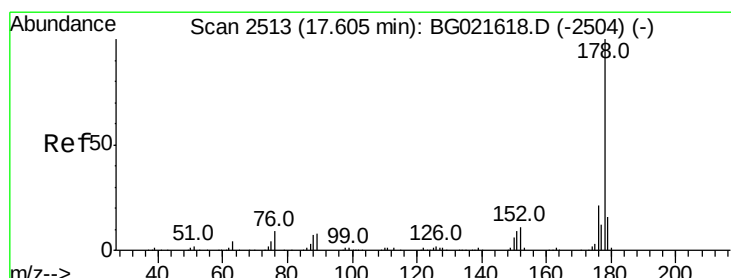
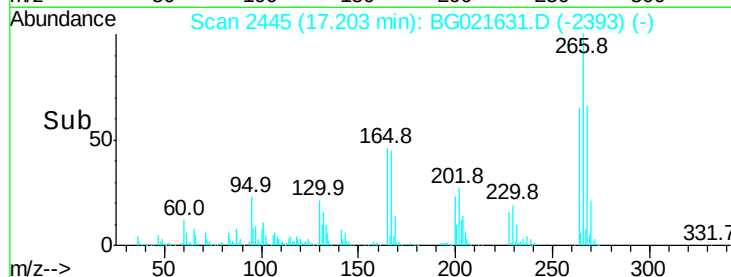
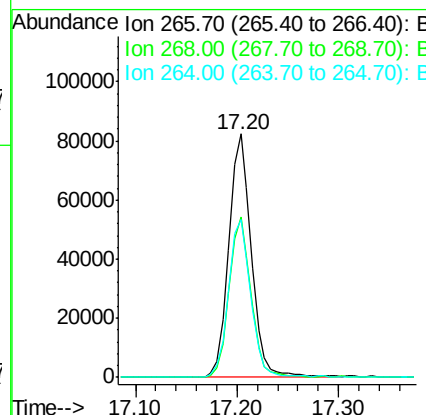
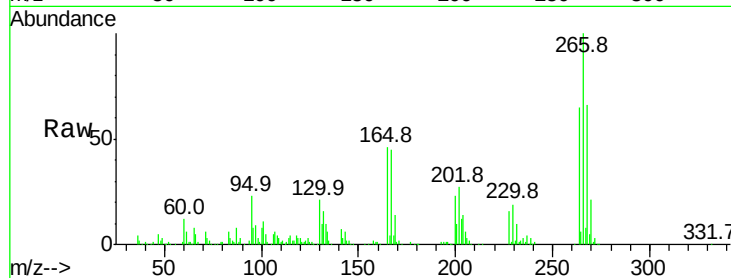
#69
 Pentachlorophenol
 Concen: 88.57 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	126769		
268	66.0	54.5	81.7	
264	64.9	53.8	80.6	

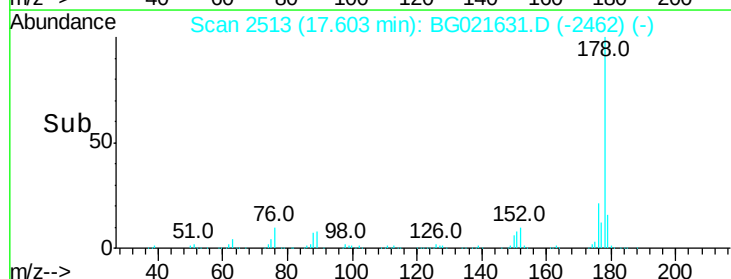
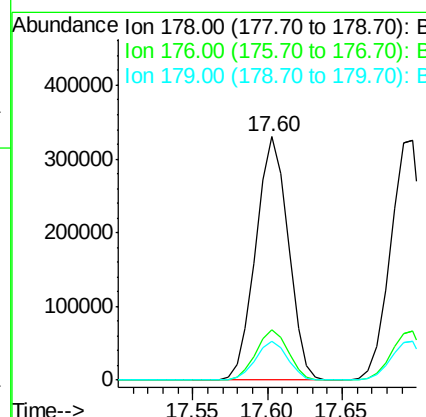
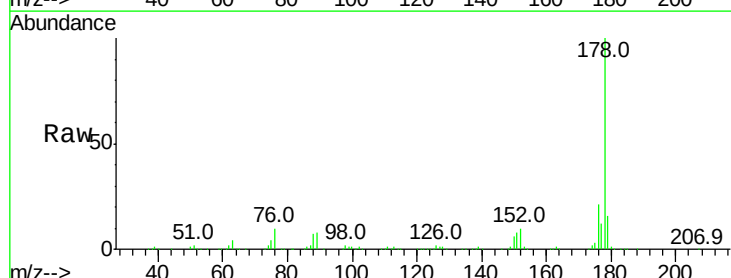
Manual Integrations
 APPROVED

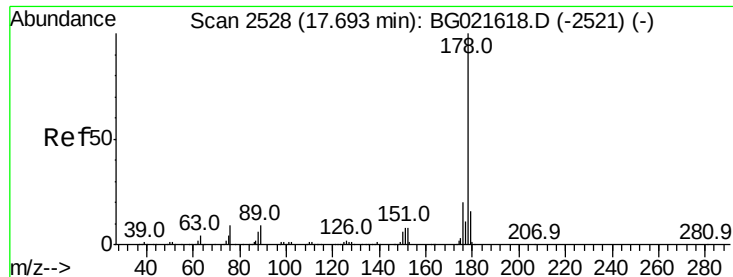
Sohil
 4/14/2016 5:30:39 PM



#70
 Phenanthrene
 Concen: 40.57 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	495560		
176	20.7	16.2	24.4	
179	16.1	12.0	18.0	





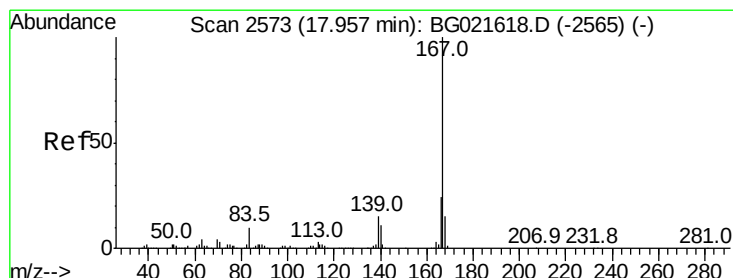
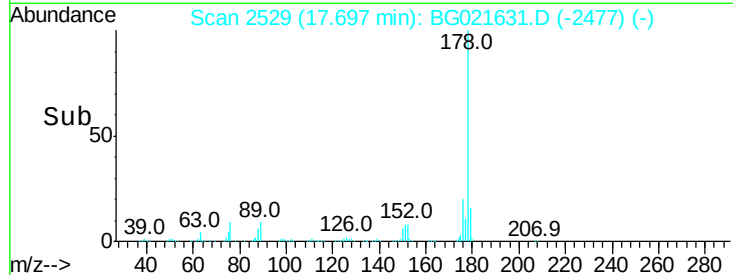
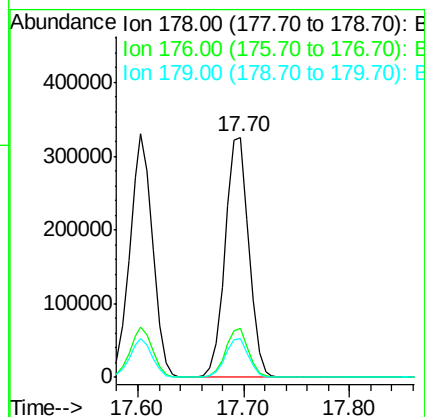
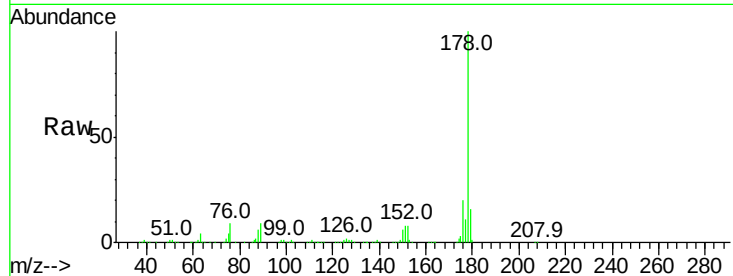
#71
 Anthracene
 Concen: 40.67 ng
 RT: 17.70 min Scan# 2529
 Delta R.T. 0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BS

Tot Ion:178	Resp:	504313
Ion Ratio	Lower	Upper
178 100		
176 20.5	15.0	22.4
179 16.0	12.2	18.4

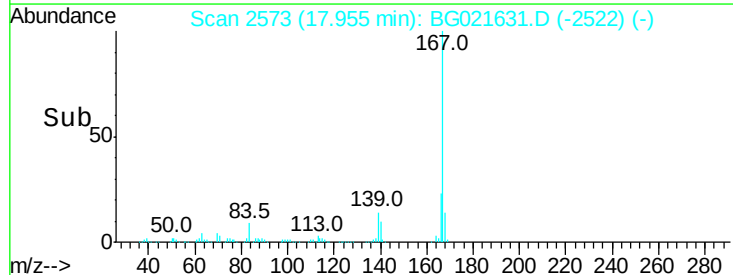
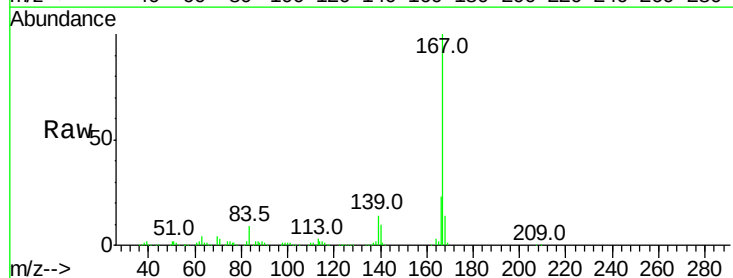
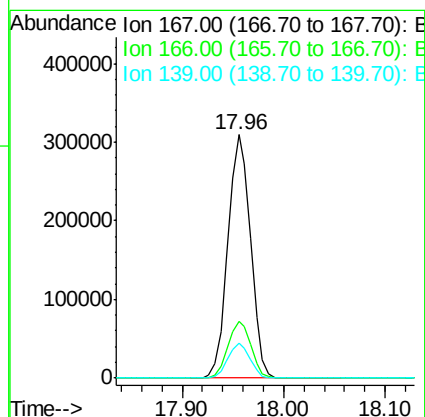
Manual Integrations
 APPROVED

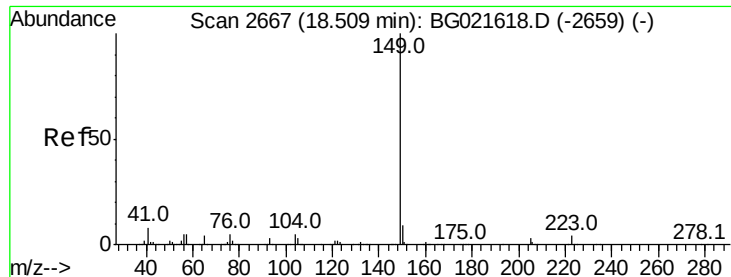
Sohil
 4/14/2016 5:30:39 PM



#72
 Carbazole
 Concen: 41.36 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Tgt Ion:167	Resp:	478734
Ion Ratio	Lower	Upper
167 100		
166 23.1	18.6	27.8
139 14.3	10.6	15.8





#73

Di-n-butylphthalate

Concen: 39.56 ng

RT: 18.51 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Instrument :

BNA_G

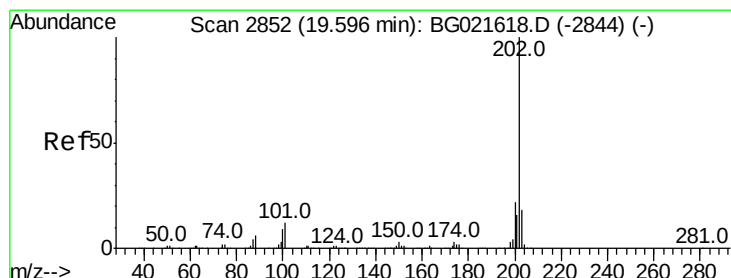
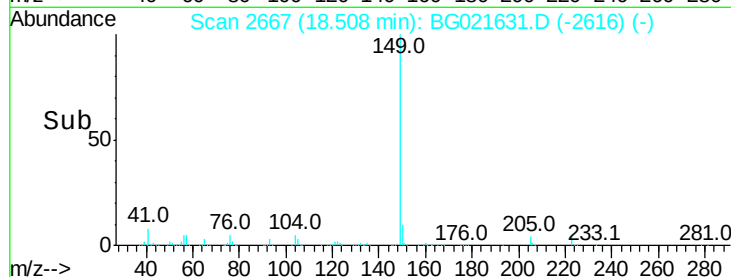
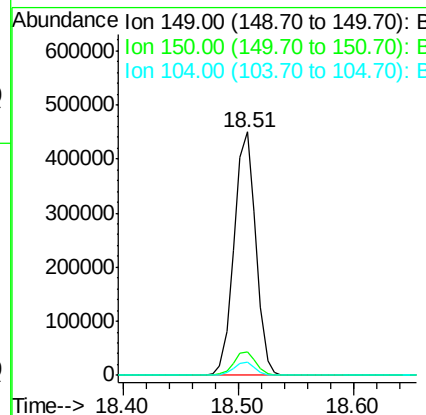
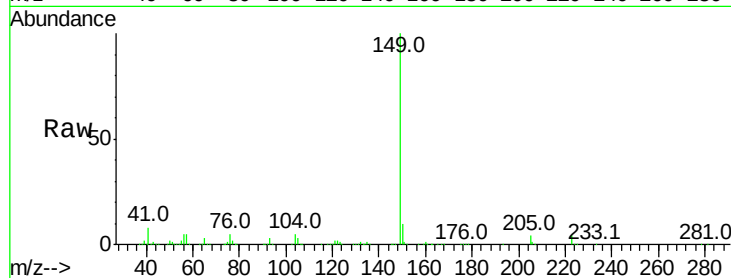
ClientSampleId :

PB89734BS

Manual Integrations
APPROVED

Sohil
4/14/2016 5:30:39 PM

Tot Ion:	149	Resp:	582469
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.4	11.0
104	5.5	4.0	6.0



#74

Fluoranthene

Concen: 40.32 ng

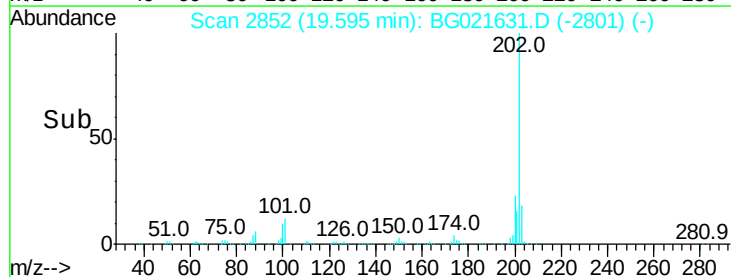
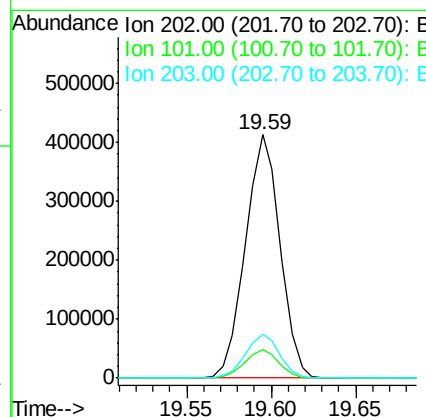
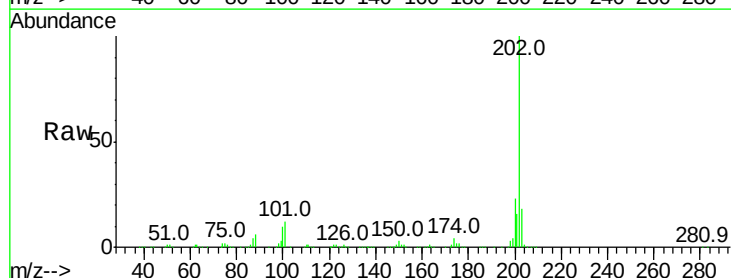
RT: 19.59 min Scan# 2852

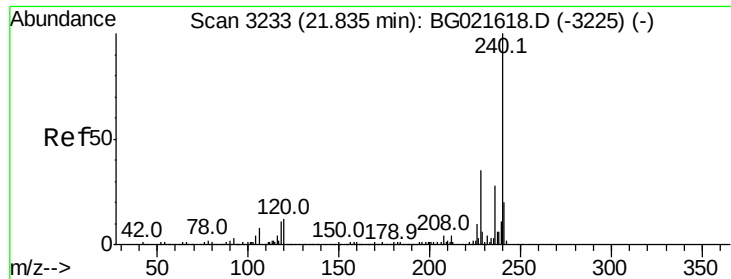
Delta R.T. -0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Tgt Ion:	202	Resp:	588140
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	31.0
203	18.2	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3233

Delta R.T. -0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Instrument :

BNA_G

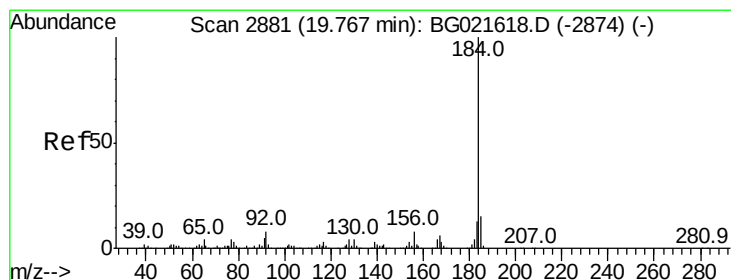
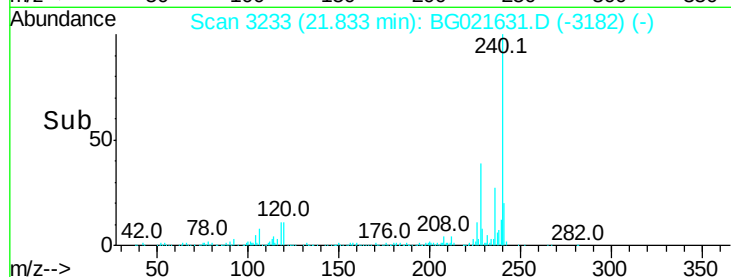
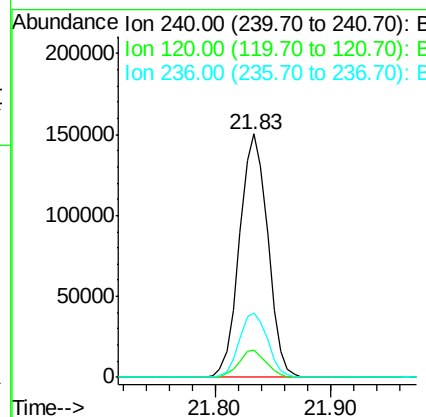
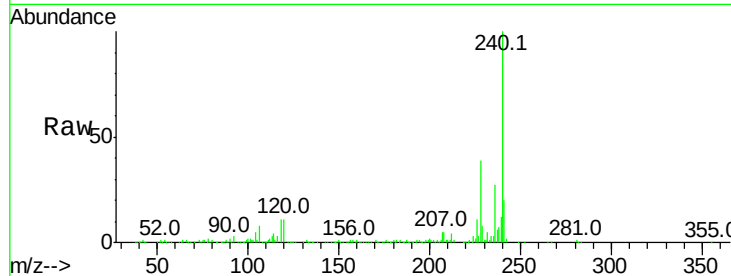
ClientSampleId :

PB89734BS

Tot Ion:	240	Resp:	254617
Ion Ratio	Lower	Upper	
240	100		
120	11.1	8.4	12.6
236	26.5	19.6	29.4

Manual Integrations
APPROVED

Sohil
4/14/2016 5:30:39 PM



#76

Benzidine

Concen: 21.10 ng

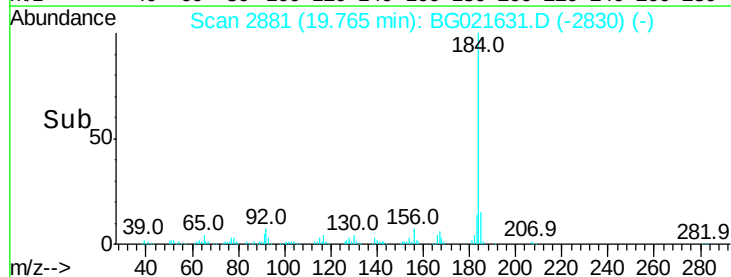
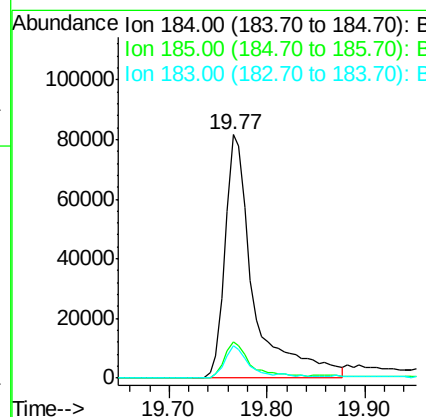
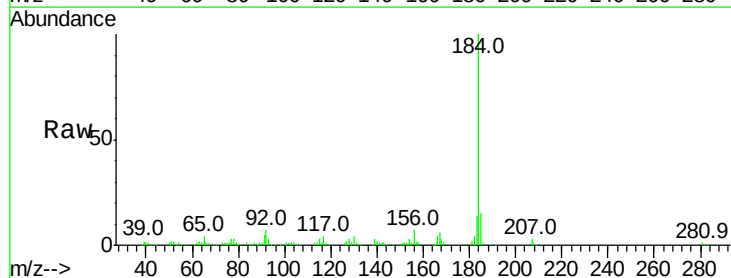
RT: 19.77 min Scan# 2881

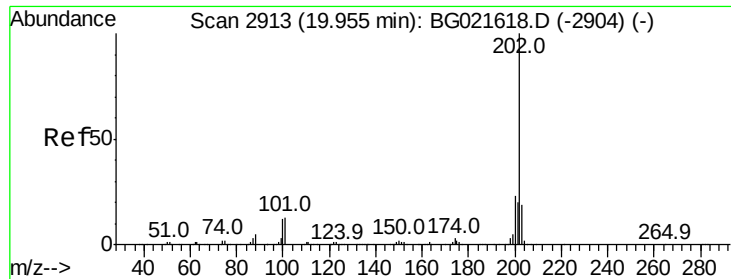
Delta R.T. -0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Tgt Ion:	184	Resp:	167262
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.5	17.3
183	13.5	10.2	15.4





#77

Pvrene

Concen: 41.09 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG021631.D

Acq: 13 Apr 2016 21:32

Instrument :

BNA_G

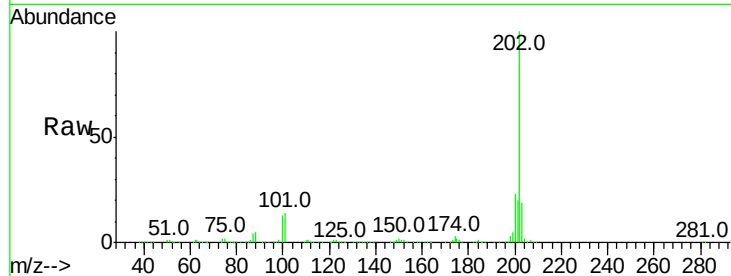
ClientSampled :

PB89734BS

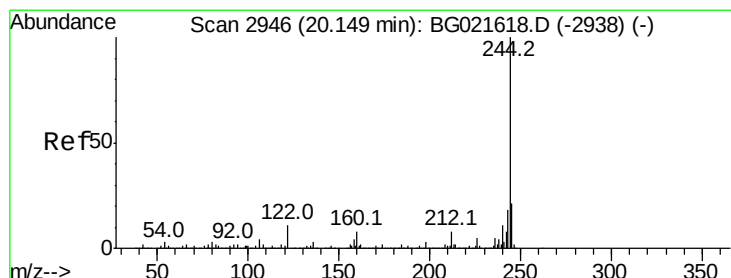
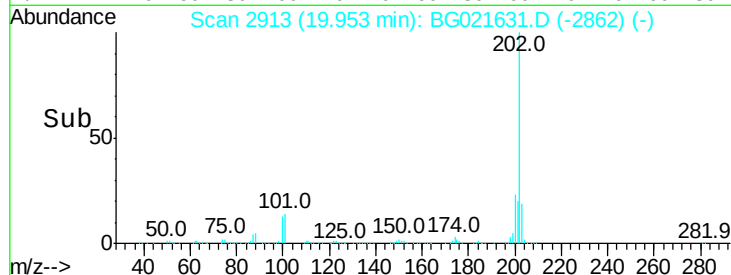
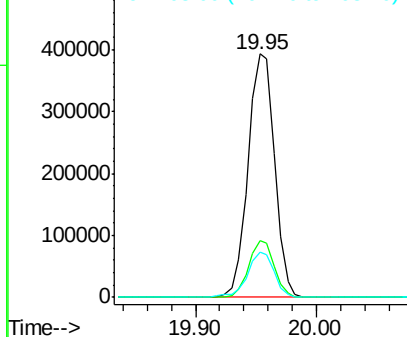
Tot Ion:	202	Resp:	603318
Ion Ratio		Lower	Upper
202	100		
200	23.4	18.2	27.2
203	18.7	15.0	22.4

Manual Integrations
APPROVED

Sohil
4/14/2016 5:30:39 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.84 ng

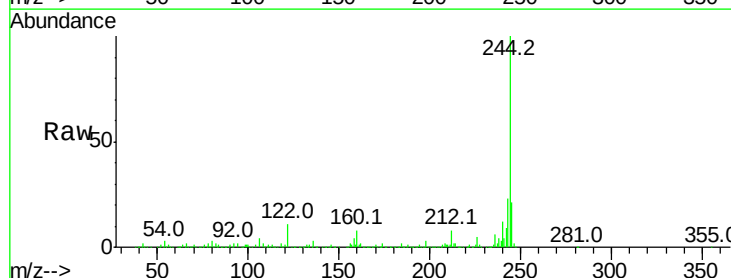
RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

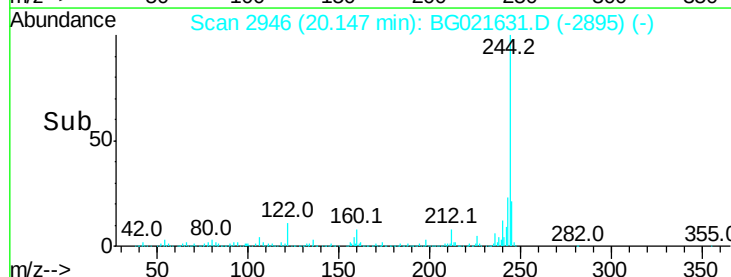
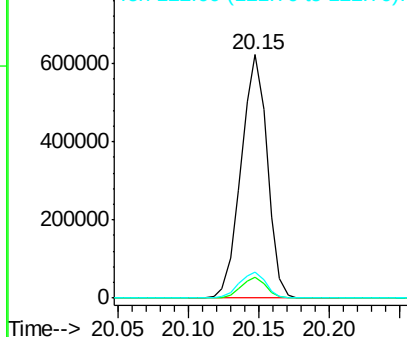
Lab File: BG021631.D

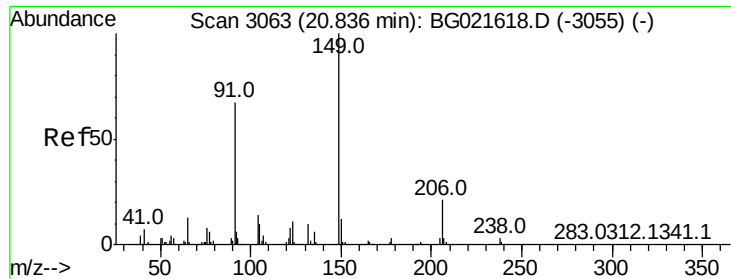
Acq: 13 Apr 2016 21:32

Tgt Ion:	244	Resp:	804543
Ion Ratio		Lower	Upper
244	100		
212	8.4	6.5	9.7
122	10.9	8.6	12.8



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





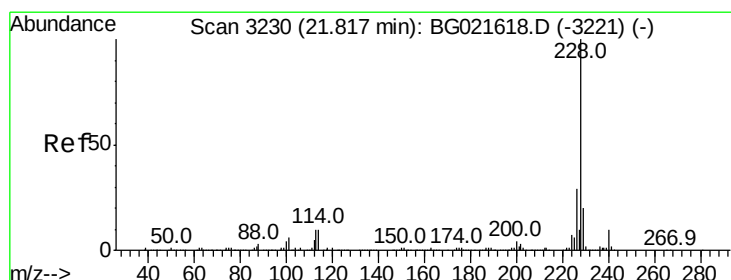
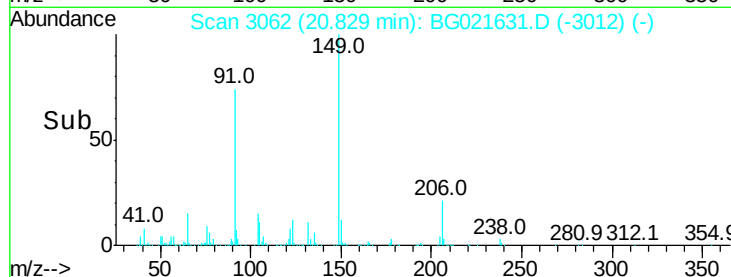
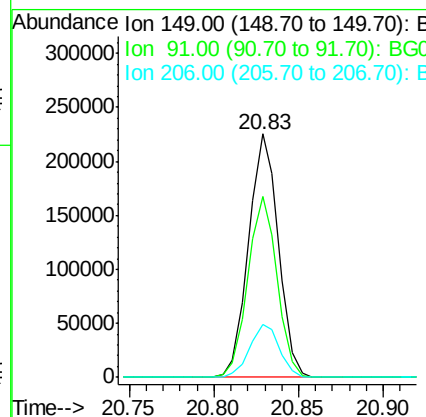
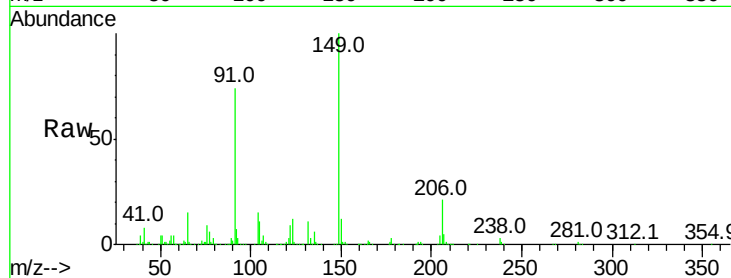
#79
Butylbenzylphthalate
Concen: 40.51 ng
RT: 20.83 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Instrument :
BNA_G
ClientSampleId :
PB89734BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	276063		
91	74.3	57.8	86.8	
206	21.5	17.0	25.4	

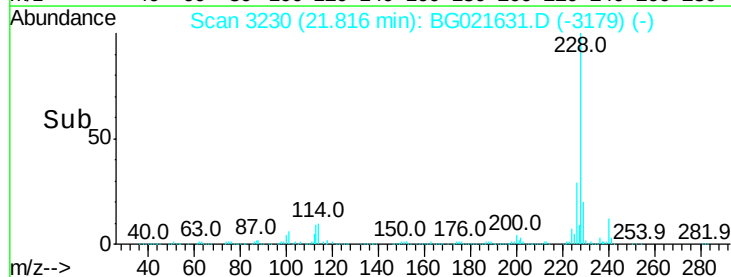
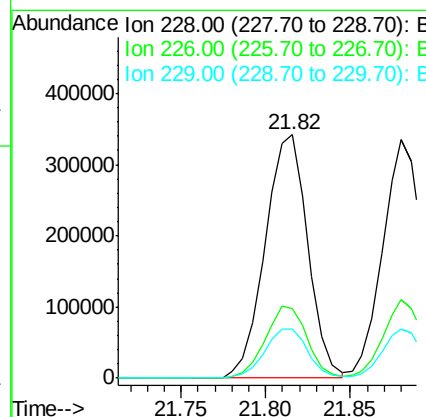
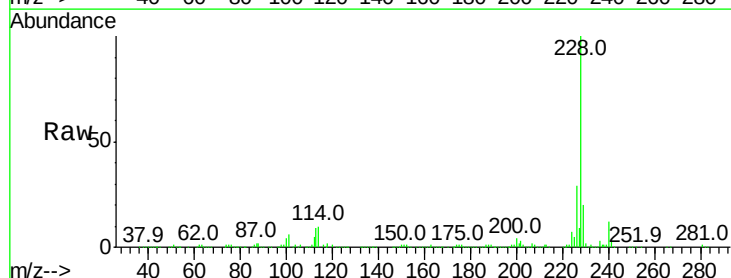
Manual Integrations
APPROVED

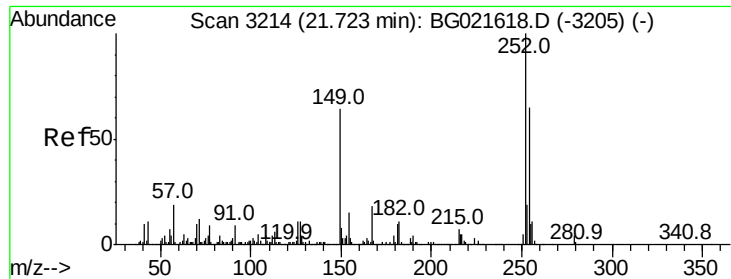
Sohil
4/14/2016 5:30:39 PM



#80
Benzo(a)anthracene
Concen: 40.89 ng
RT: 21.82 min Scan# 3230
Delta R.T. -0.00 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	599104		
226	28.6	22.6	34.0	
229	20.2	16.1	24.1	





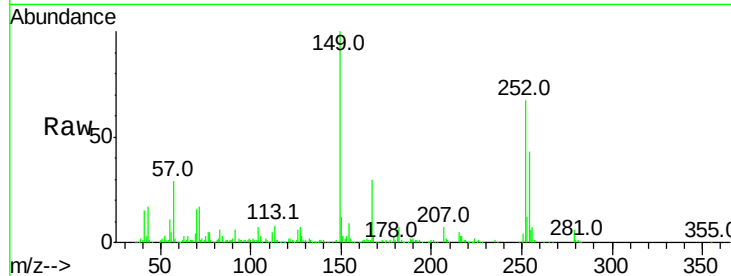
#81
 3,3'-Dichlorobenzidine
 Concen: 10.11 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Instrument :
 BNA_G
 ClientSampleID :
 PB89734BS

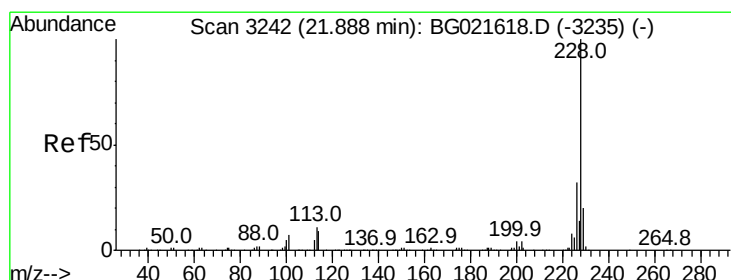
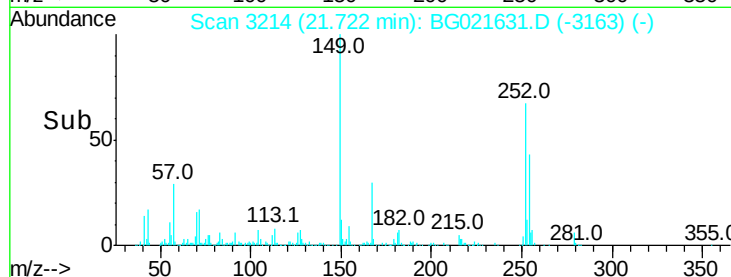
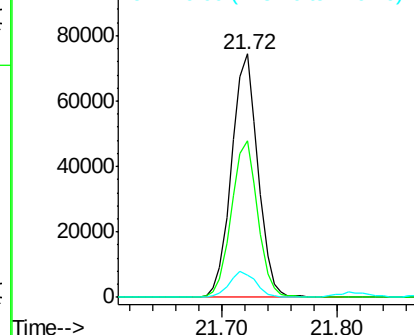
Tot Ion	Ratio	Resp	Lower	Upper
252	100	117306		
254	64.1	51.8	77.6	
126	9.1	8.8	13.2	

Manual Integrations
 APPROVED

Sohil
 4/14/2016 5:30:39 PM

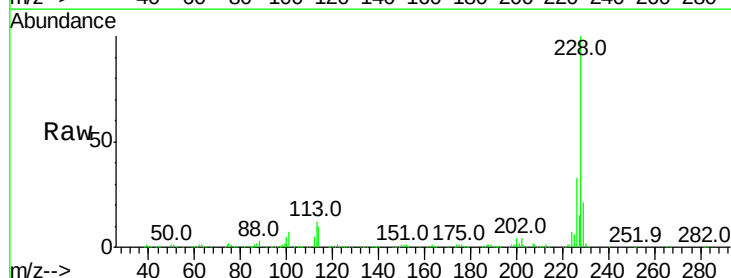


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

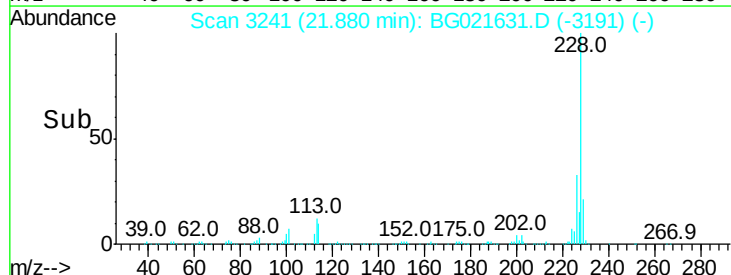
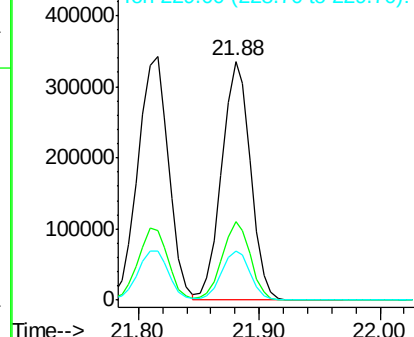


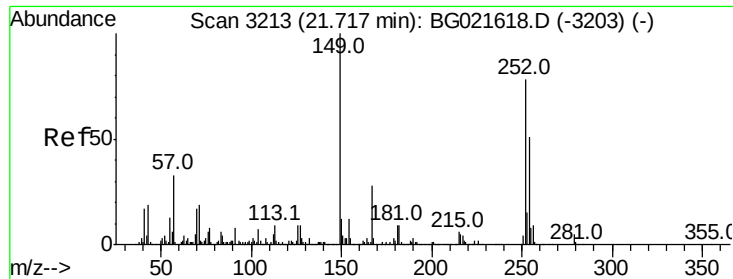
#82
 Chrysene
 Concen: 39.07 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	549964		
226	32.8	25.4	38.0	
229	20.8	15.9	23.9	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





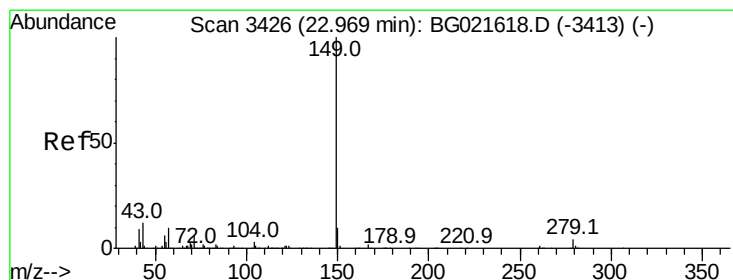
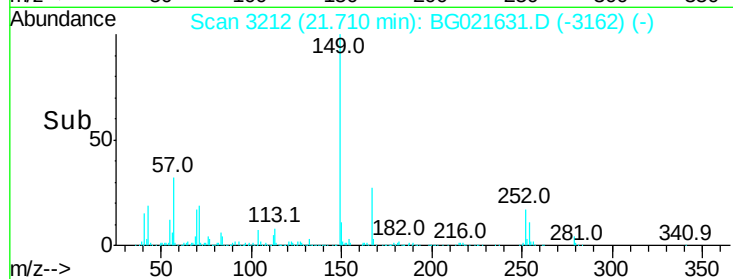
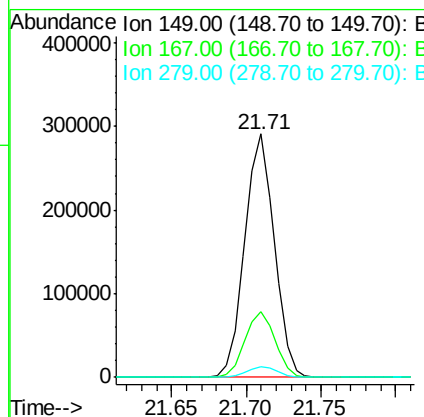
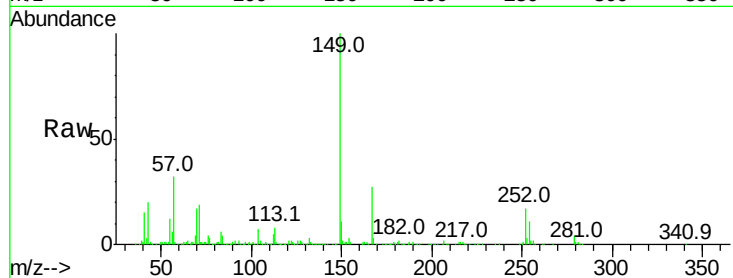
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.92 ng
 RT: 21.71 min Scan# 3212
 Delta R.T. -0.01 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	397914		
167	26.8	22.4	33.6	
279	4.4	3.2	4.8	

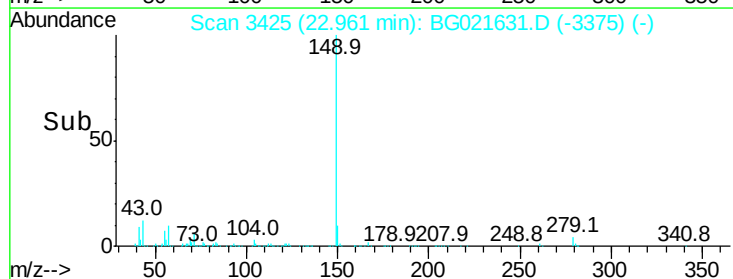
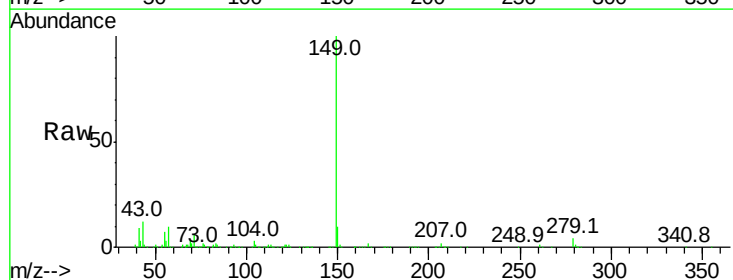
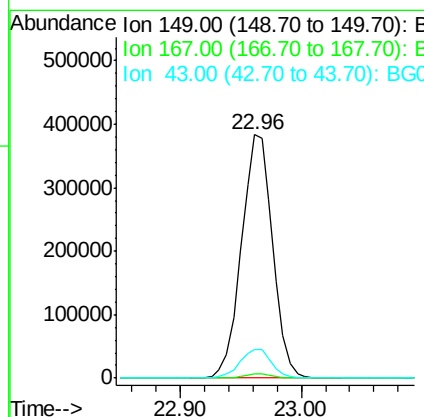
Manual Integrations
 APPROVED

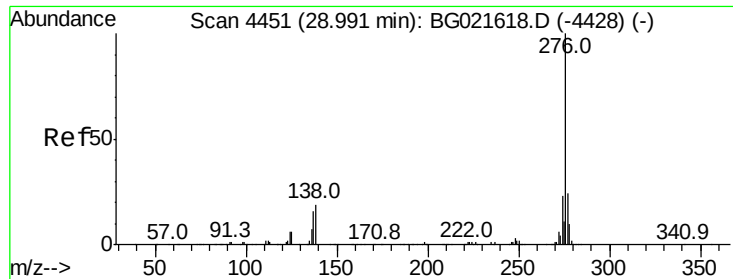
Sohil
 4/14/2016 5:30:39 PM



#84
 Di-n-octyl phthalate
 Concen: 41.17 ng
 RT: 22.96 min Scan# 3425
 Delta R.T. -0.01 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	687463		
167	1.6	1.3	1.9	
43	12.0	9.8	14.6	





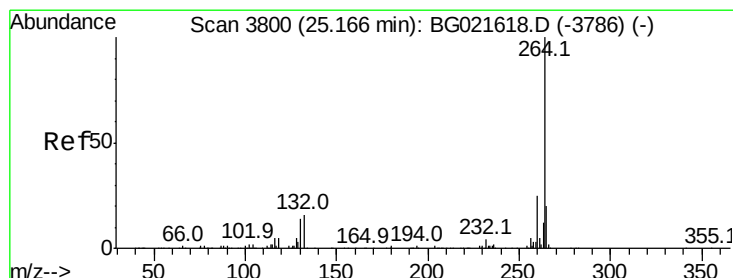
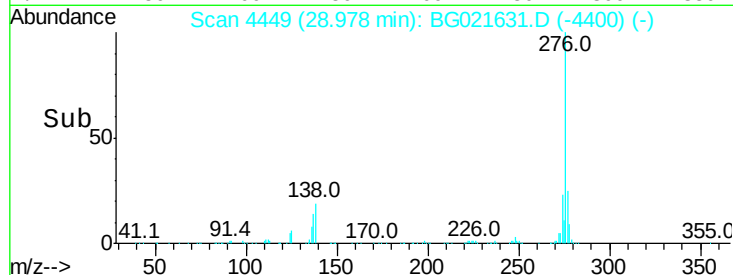
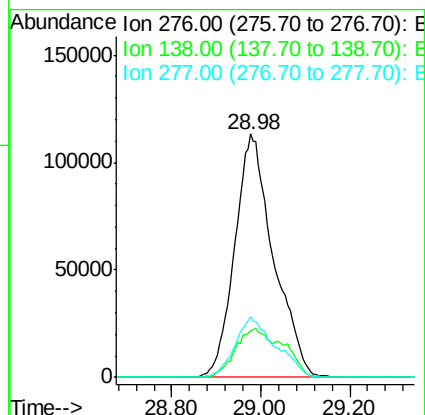
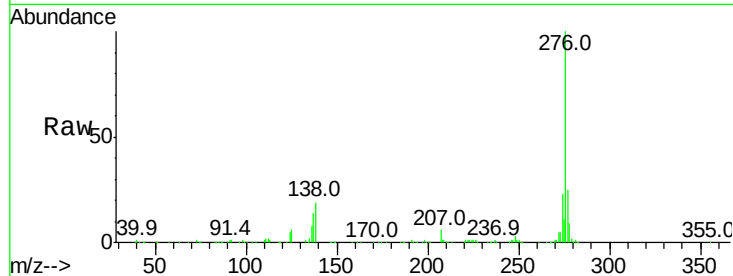
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.72 ng
RT: 28.98 min Scan# 4449
Delta R.T. -0.01 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Instrument :
BNA_G
ClientSampleId :
PB89734BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	681526		
138	16.9		14.0	21.0
277	26.0		20.6	30.8

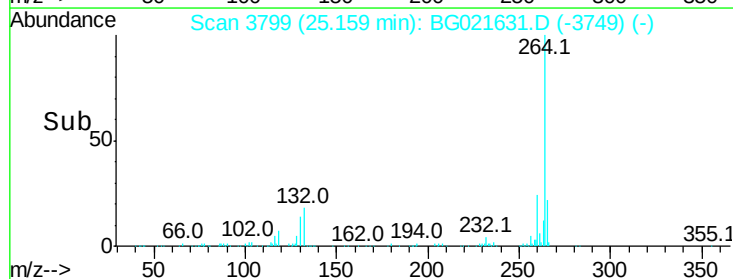
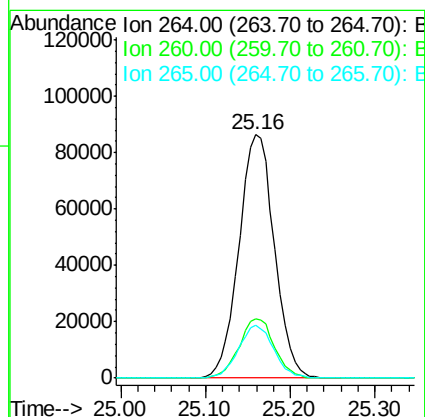
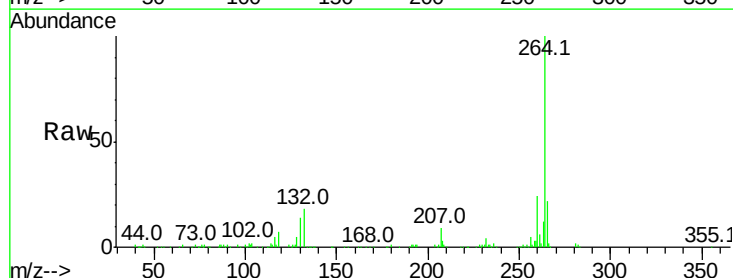
Manual Integrations
APPROVED

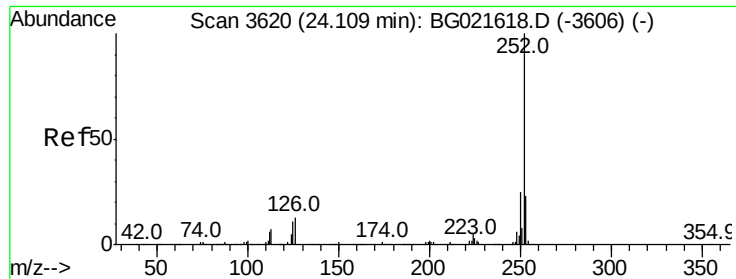
Sohil
4/14/2016 5:30:39 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	250962		
260	24.3		20.2	30.4
265	21.9		17.8	26.8





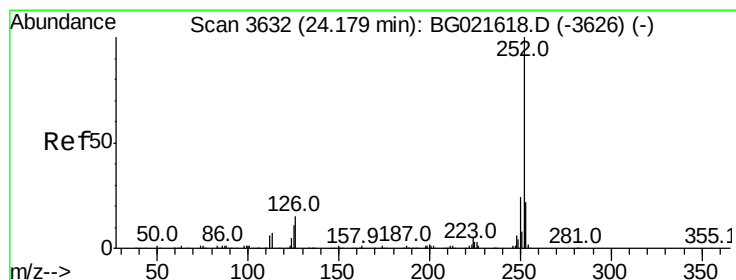
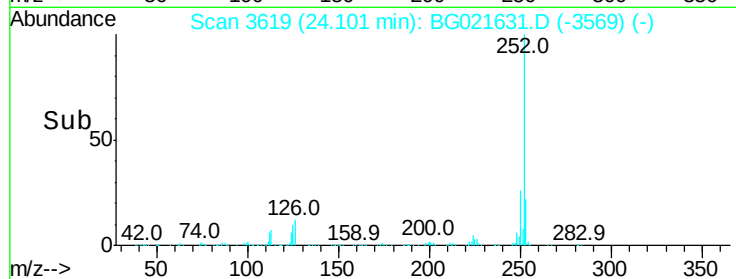
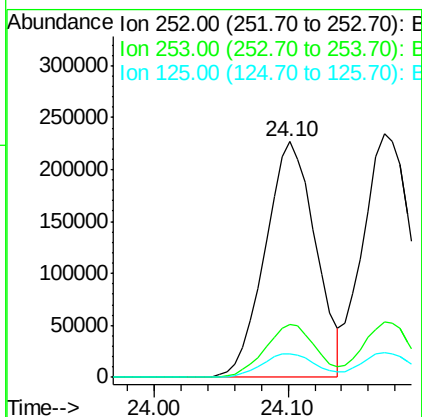
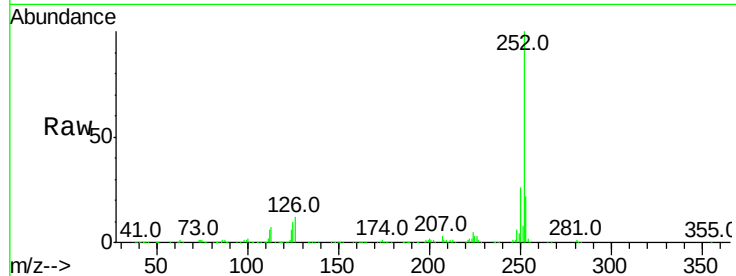
#87
Benzo(b)fluoranthene
Concen: 40.78 ng
RT: 24.10 min Scan# 3619
Delta R.T. -0.01 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Instrument :
BNA_G
ClientSampleId :
PB89734BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.2	8.6	13.0

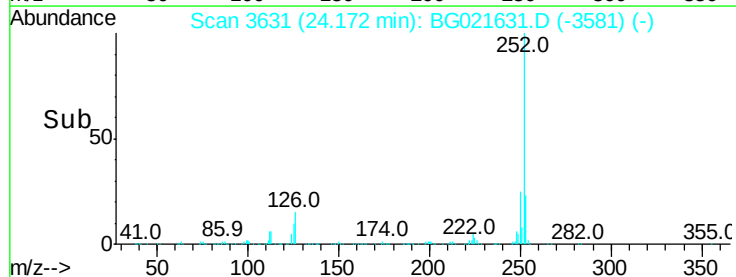
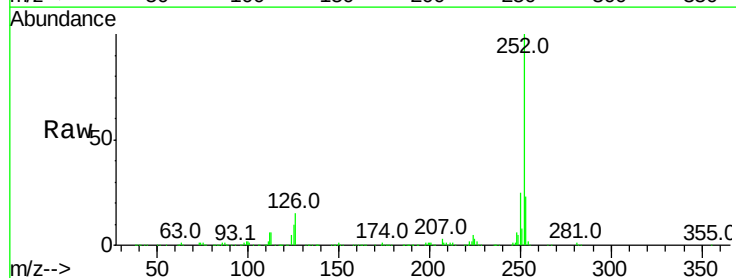
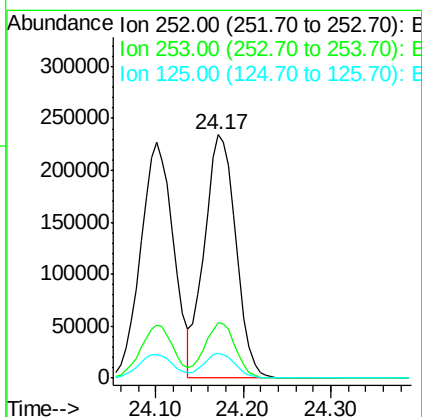
Manual Integrations
APPROVED

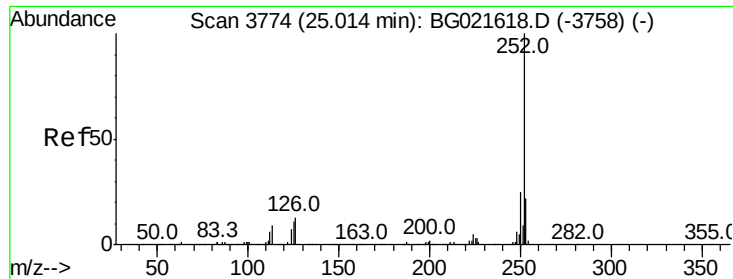
Sohil
4/14/2016 5:30:39 PM



#88
Benzo(k)fluoranthene
Concen: 41.16 ng
RT: 24.17 min Scan# 3631
Delta R.T. -0.01 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	10.2	8.3	12.5





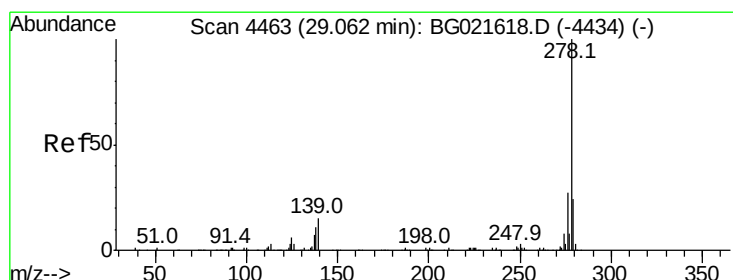
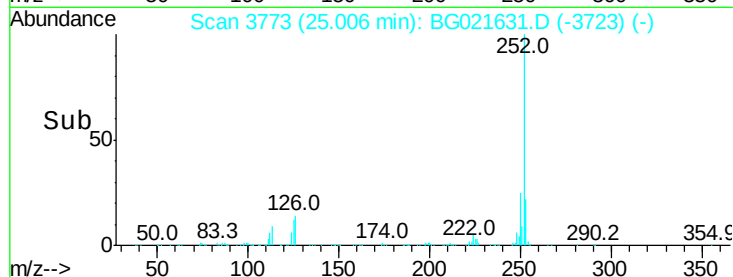
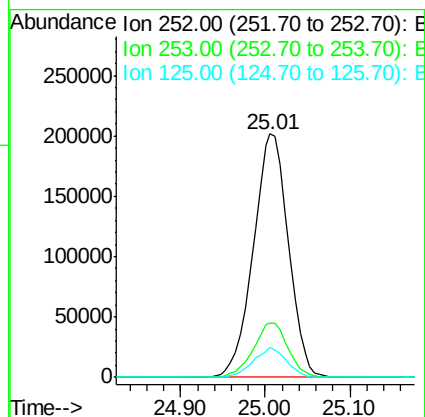
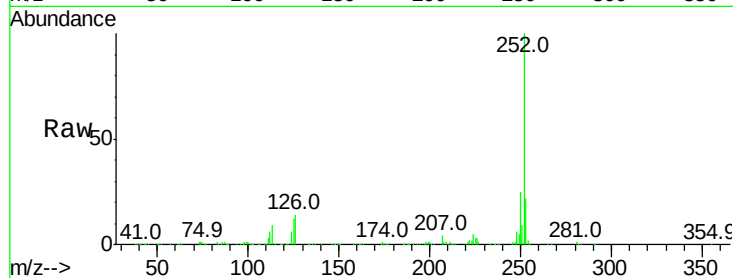
#89
Benzo(a)pyrene
Concen: 41.24 ng
RT: 25.01 min Scan# 3773
Delta R.T. -0.01 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Instrument :
BNA_G
ClientSampleId :
PB89734BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	12.3	9.6	14.4

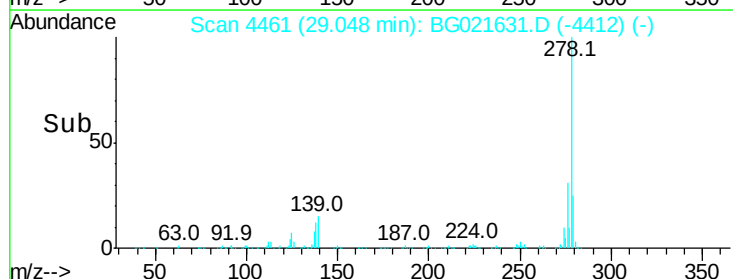
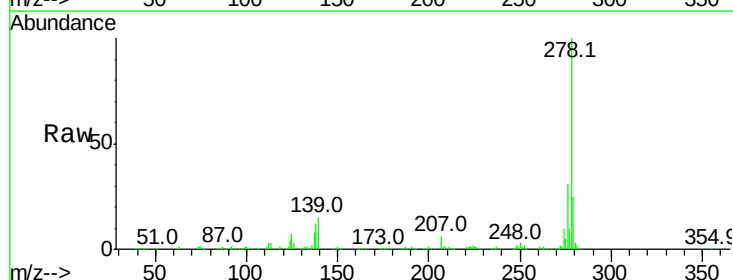
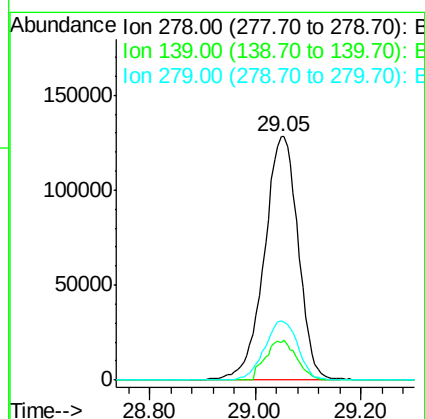
Manual Integrations
APPROVED

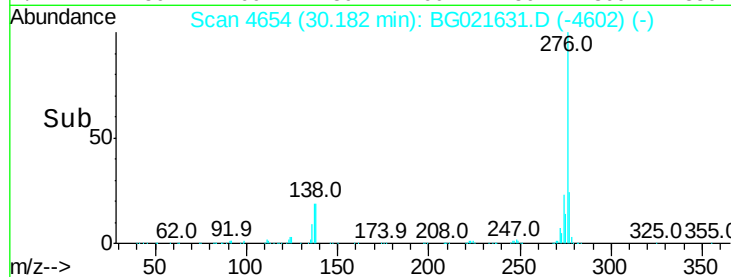
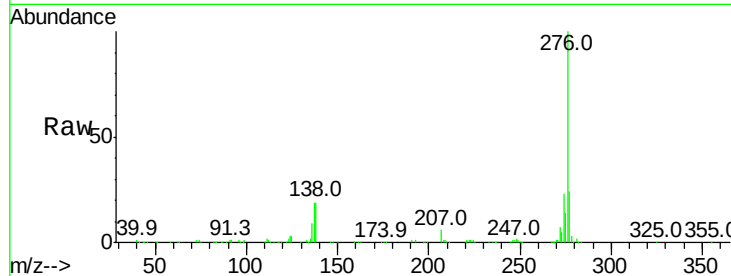
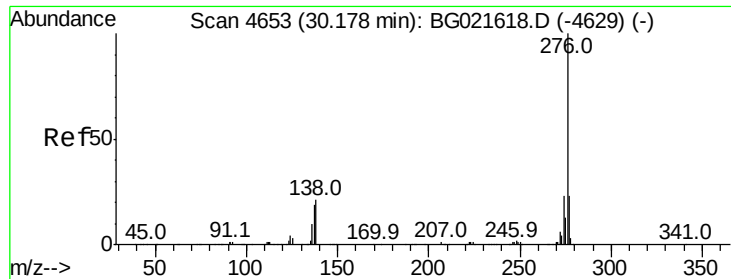
Sohil
4/14/2016 5:30:39 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.31 ng
RT: 29.05 min Scan# 4461
Delta R.T. -0.01 min
Lab File: BG021631.D
Acq: 13 Apr 2016 21:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.9	17.9
279	24.6	18.2	27.2





#91
 Benzo(a,h,i)perylene
 Concen: 40.90 ng
 RT: 30.18 min Scan# 4654
 Delta R.T. 0.00 min
 Lab File: BG021631.D
 Acq: 13 Apr 2016 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.2
138	19.2	17.4	26.0

Manual Integrations
 APPROVED

Sohil
 4/14/2016 5:30:39 PM

