

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
 Data File : BG023357.D
 Acq On : 30 Jul 2016 14:46
 Operator : UM/SJ
 Sample : PB92565BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BSD

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:12:21 PM

Quant Time: Aug 01 01:58:34 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	168508	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	793515	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	510081	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1099974	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1121706	20.00	ng	0.00
86) Perylene-d12	25.29	264	1166046	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	1441872	146.08	ng	0.00
7) Phenol-d6	7.29	99	2098580	138.48	ng	0.00
23) Nitrobenzene-d5	9.31	82	1395100	85.98	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	885955	167.81	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2668302	97.91	ng	0.00
78) Terphenyl-d14	20.17	244	3084509	89.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	139849	33.04	ng	# 92
3) Pyridine	3.93	79	491140	33.15	ng	# 93
4) n-Nitrosodimethylamine	3.85	42	220570	32.95	ng	# 63
6) Aniline	7.46	93	778213	38.45	ng	95
8) 2-Chlorophenol	7.70	128	563127	51.13	ng	97
9) Benzaldehyde	7.26	77	343214	31.53	ng	94
10) Phenol	7.32	94	828595	51.82	ng	81
11) bis(2-Chloroethyl)ether	7.54	93	568726	41.85	ng	92
12) 1,3-Dichlorobenzene	8.02	146	545137	43.92	ng	# 91
13) 1,4-Dichlorobenzene	8.17	146	549402	43.39	ng	96
14) 1,2-Dichlorobenzene	8.50	146	548619	44.92	ng	91
15) Benzyl Alcohol	8.38	79	579629	56.83	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.67	45	837534	38.73	ng	91
17) 2-Methylphenol	8.58	107	567262	51.90	ng	# 86
18) Hexachloroethane	9.23	117	217524	41.24	ng	92
19) n-Nitroso-di-n-propylamine	8.94	70	578333	42.43	ng	98
20) 3+4-Methylphenols	8.91	107	786079	52.90	ng	90
22) Acetophenone	8.97	105	821036	39.63	ng	# 90
24) Nitrobenzene	9.36	77	790318	41.94	ng	# 87
25) Isophorone	9.88	82	1493753	44.57	ng	# 92
26) 2-Nitrophenol	10.08	139	341569	47.99	ng	# 76
27) 2,4-Dimethylphenol	10.13	122	616558	51.40	ng	84
28) bis(2-Chloroethoxy)methane	10.36	93	872215	46.38	ng	# 96
29) 2,4-Dichlorophenol	10.62	162	640939	55.19	ng	98
30) 1,2,4-Trichlorobenzene	10.83	180	586885	45.73	ng	96
31) Naphthalene	11.02	128	1694141	45.95	ng	99
32) Benzoic acid	10.25	122	206593	25.69	ng	# 90
33) 4-Chloroaniline	11.13	127	212878	12.50	ng	94
34) Hexachlorobutadiene	11.30	225	376487	44.76	ng	95
35) Caprolactam	11.92	113	231017	46.78	ng	91
36) 4-Chloro-3-methylphenol	12.26	107	741259	48.58	ng	92
37) 2-Methylnaphthalene	12.63	142	1309957	47.92	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	629462	38.12	ng	98
40) Hexachlorocyclopentadiene	12.97	237	887486	113.41	ng	97

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
 Data File : BG023357.D
 Acq On : 30 Jul 2016 14:46
 Operator : UM/SJ
 Sample : PB92565BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB92565BSD

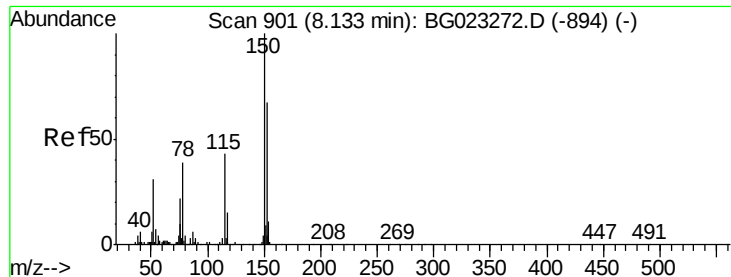
Manual Integrations
 APPROVED

sohil
 8/1/2016 7:12:21 PM

Quant Time: Aug 01 01:58:34 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	533942	55.05	ng	99
43) 2,4,5-Trichlorophenol	13.31	196	563850	54.80	ng	95
45) 1,1'-Biphenyl	13.63	154	1563873	43.96	ng	94
46) 2-Chloronaphthalene	13.68	162	1361123	47.75	ng	94
47) 2-Nitroaniline	13.89	65	575639	47.73	ng	# 87
48) Acenaphthylene	14.53	152	2111615	48.38	ng	95
49) Dimethylphthalate	14.25	163	1746526	46.40	ng	97
50) 2,6-Dinitrotoluene	14.38	165	427423	48.49	ng	# 78
51) Acenaphthene	14.87	154	1366828	48.28	ng	97
52) 3-Nitroaniline	14.72	138	223711	25.20	ng	86
53) 2,4-Dinitrophenol	14.92	184	462779	89.66	ng	# 85
54) Dibenzofuran	15.21	168	2071813	51.72	ng	97
55) 4-Nitrophenol	15.03	139	660535	85.77	ng	# 77
56) 2,4-Dinitrotoluene	15.17	165	592190	47.71	ng	92
57) Fluorene	15.86	166	1672286	47.28	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	510130	58.56	ng	95
59) Diethylphthalate	15.62	149	1718751	44.58	ng	93
60) 4-Chlorophenyl-phenylether	15.85	204	889226	46.44	ng	99
61) 4-Nitroaniline	15.89	138	441467	47.42	ng	# 63
62) Azobenzene	16.14	77	1934044	48.38	ng	91
64) 4,6-Dinitro-2-methylphenol	15.94	198	354897	50.23	ng	94
65) n-Nitrosodiphenylamine	16.06	169	1539086	52.41	ng	93
66) 4-Bromophenyl-phenylether	16.74	248	604079	54.31	ng	96
67) Hexachlorobenzene	16.87	284	638651	57.11	ng	98
68) Atrazine	17.01	200	570388	50.63	ng	96
69) Pentachlorophenol	17.22	266	699771	101.39	ng	99
70) Phenanthrene	17.61	178	2460010m	51.13	ng	
71) Anthracene	17.70	178	2516452	51.76	ng	95
72) Carbazole	17.98	167	2293595	51.51	ng	96
73) Di-n-butylphthalate	18.52	149	2567131	51.68	ng	97
74) Fluoranthene	19.62	202	2656635	48.38	ng	90
76) Benzidine	19.80	184	1369372	43.40	ng	98
77) Pyrene	19.99	202	2696782	42.36	ng	95
79) Butylbenzylphthalate	20.86	149	1348751	48.16	ng	97
80) Benzo(a)anthracene	21.87	228	2759753	46.99	ng	96
81) 3,3'-Dichlorobenzidine	21.78	252	743465	31.22	ng	# 98
82) Chrysene	21.94	228	2620709	46.19	ng	94
83) Bis(2-ethylhexyl)phthalate	21.75	149	1855220	47.34	ng	96
84) Di-n-octyl phthalate	23.02	149	3012016	46.99	ng	98
85) Indeno(1,2,3-cd)pyrene	29.20	276	3658883	55.28	ng	# 100
87) Benzo(b)fluoranthene	24.21	252	3028694	48.89	ng	# 94
88) Benzo(k)fluoranthene	24.28	252	2831573	45.73	ng	# 94
89) Benzo(a)pyrene	25.13	252	2944789	48.51	ng	# 94
90) Dibenzo(a,h)anthracene	29.27	278	2991995	52.11	ng	# 91
91) Benzo(g,h,i)perylene	30.41	276	2984200	49.37	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

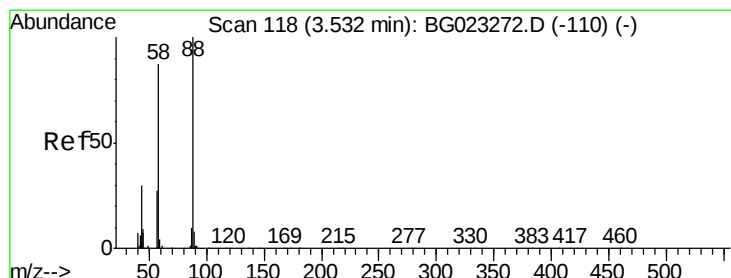
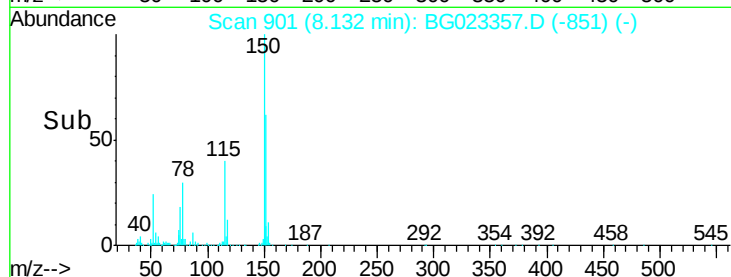
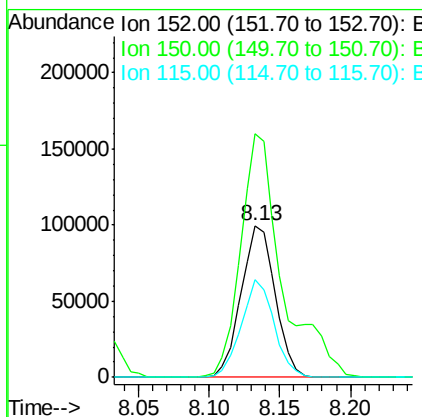
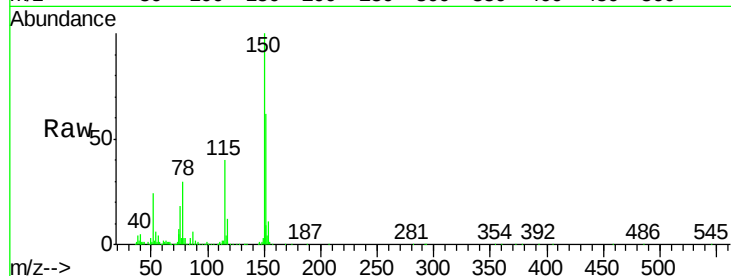
ClientSampleId :

PB92565BSD

Tgt Ion:	152	Resp:	168508
Ion Ratio	Lower	Upper	
152	100		
150	160.8	144.7	217.1
115	64.2	64.0	96.0

Manual Integrations
APPROVED

sohil
8/1/2016 7:12:21 PM



#2

1,4-Dioxane

Concen: 33.04 ng

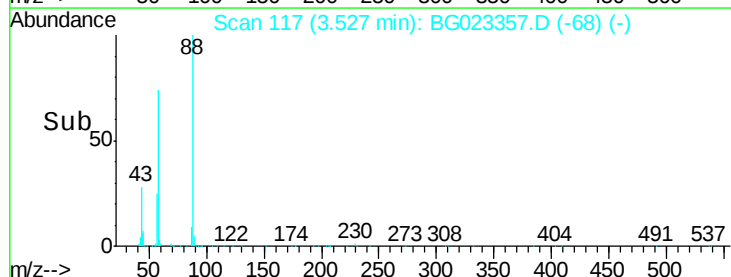
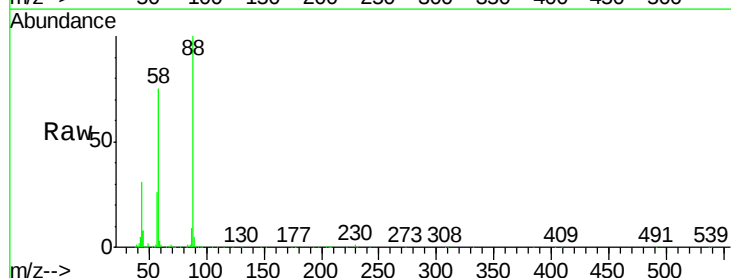
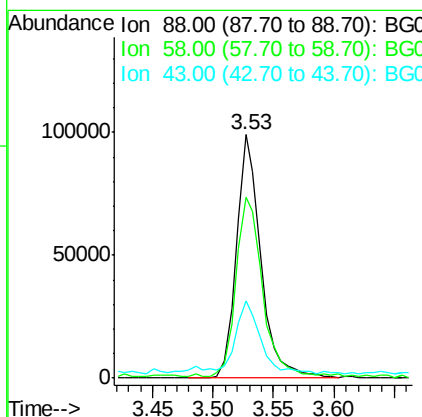
RT: 3.53 min Scan# 117

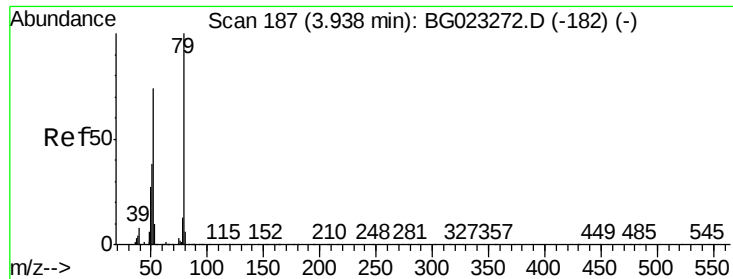
Delta R.T. -0.01 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Tgt Ion:	88	Resp:	139849
Ion Ratio	Lower	Upper	
88	100		
58	78.8	60.4	90.6
43	29.2	31.1	46.7#





#3

Pyridine

Concen: 33.15 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.03 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

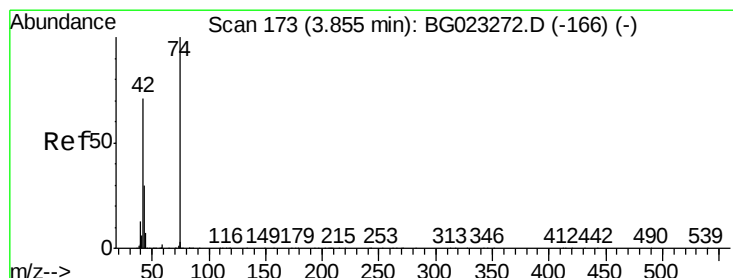
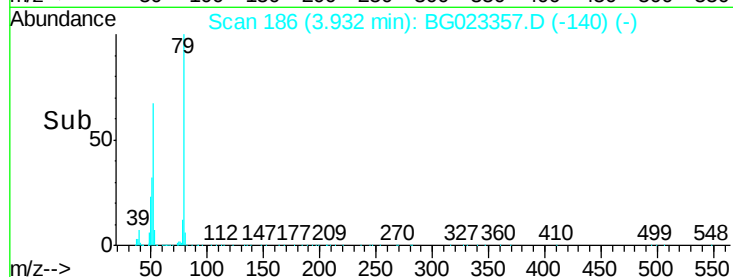
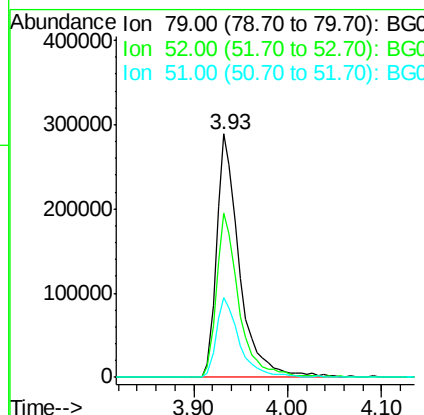
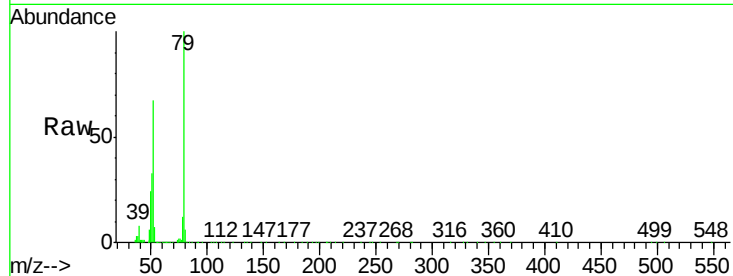
ClientSampleId :

PB92565BSD

Tgt Ion:	79	Resp:	491140
Ion	Ratio	Lower	Upper
79	100		
52	67.3	51.8	77.8
51	32.7	32.7	49.1#

Manual Integrations
APPROVED

sohil
8/1/2016 7:12:21 PM



#4

n-Nitrosodimethylamine

Concen: 32.95 ng

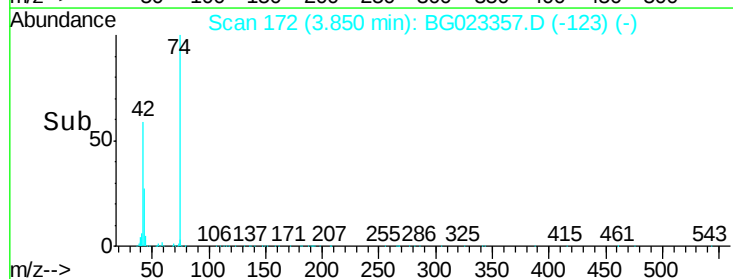
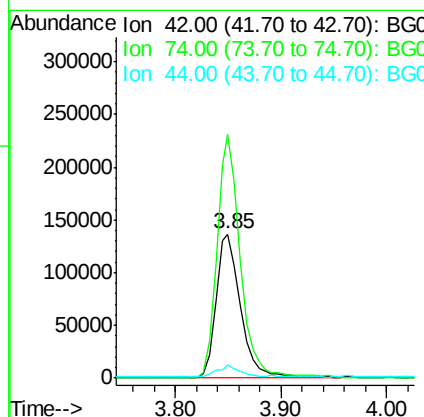
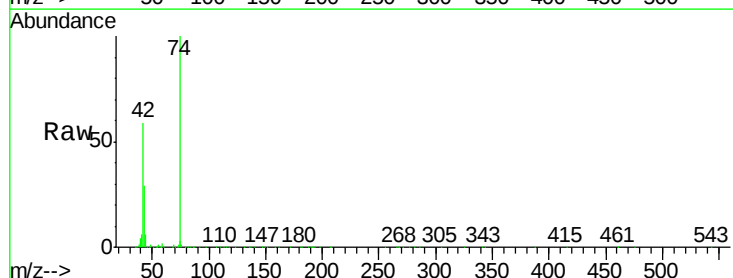
RT: 3.85 min Scan# 172

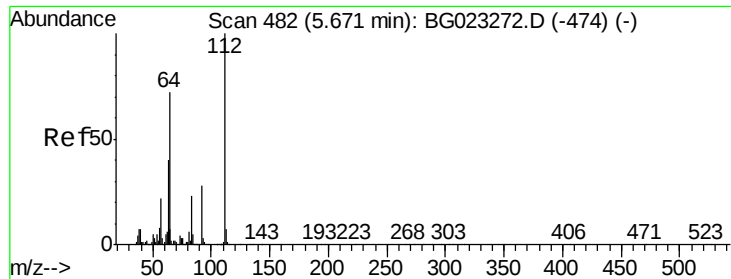
Delta R.T. -0.01 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Tgt Ion:	42	Resp:	220570
Ion	Ratio	Lower	Upper
42	100		
74	169.3	100.6	150.8#
44	9.6	4.5	6.7#





#5

2-Fluorophenol

Concen: 146.08 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

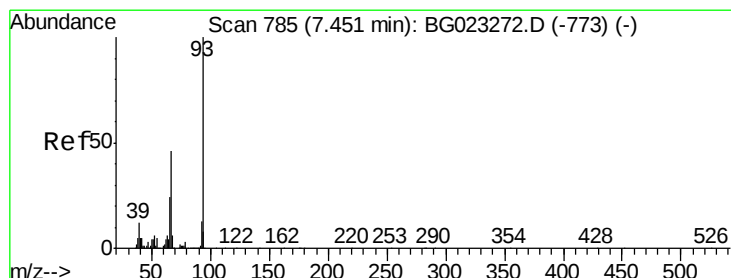
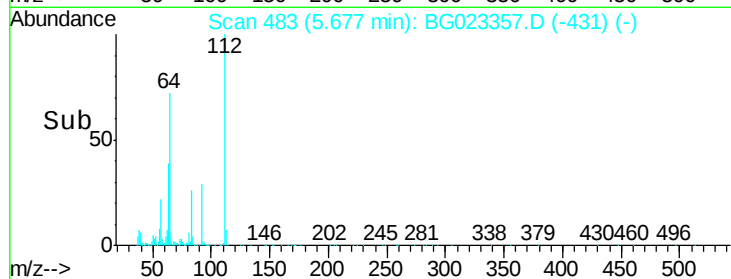
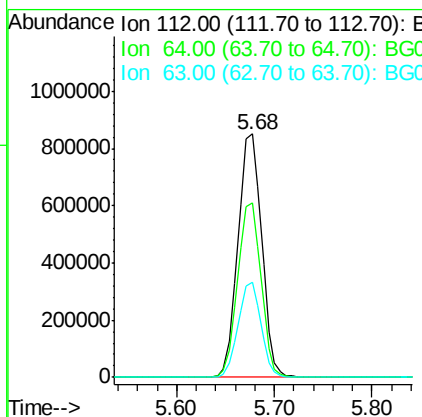
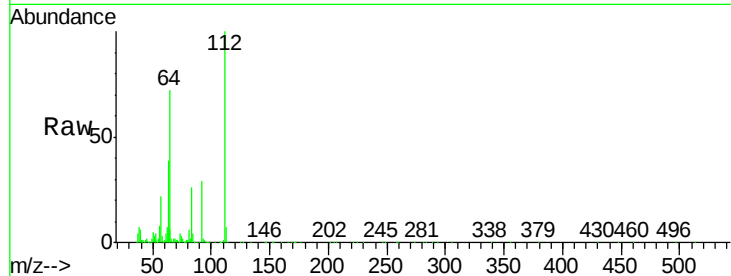
ClientSampleId :

PB92565BSD

Tgt Ion:	112	Resp:	1441872
Ion Ratio	Lower	Upper	
112	100		
64	71.5	59.0	88.4
63	39.1	37.8	56.8

Manual Integrations
APPROVED

sohil
8/1/2016 7:12:21 PM



#6

Aniline

Concen: 38.45 ng

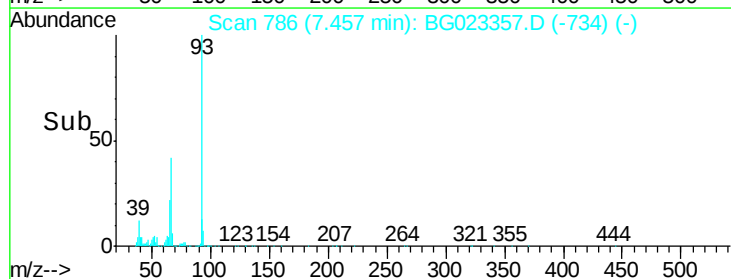
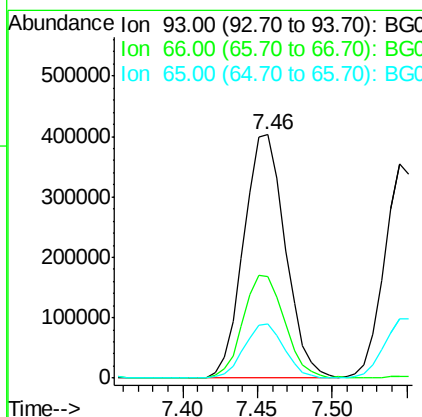
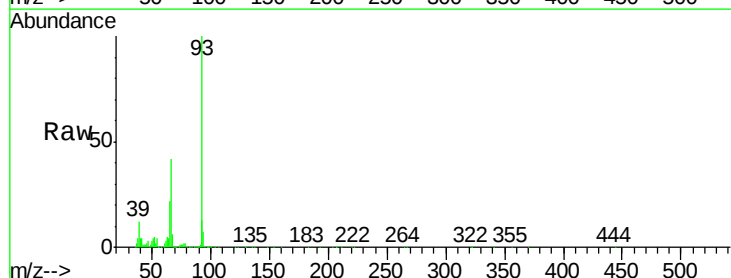
RT: 7.46 min Scan# 786

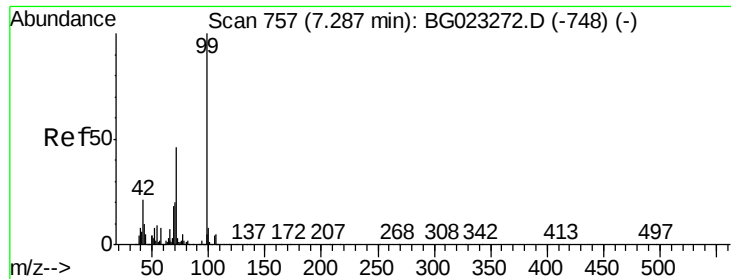
Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Tgt Ion:	93	Resp:	778213
Ion Ratio	Lower	Upper	
93	100		
66	41.8	37.5	56.3
65	22.4	17.9	26.9





#7

Phenol-d6

Concen: 138.48 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

PB92565BSD

Tgt Ion: 99 Resp: 2098580

Ion Ratio Lower Upper

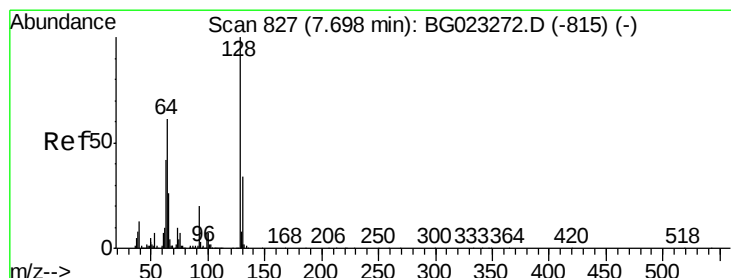
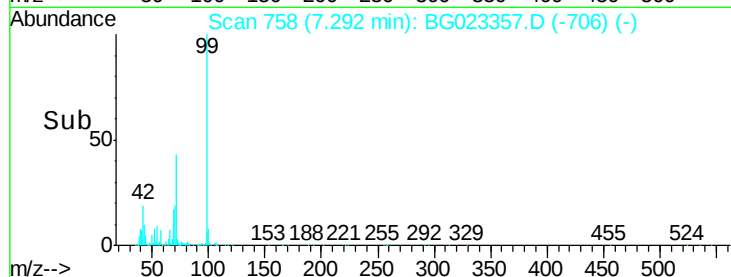
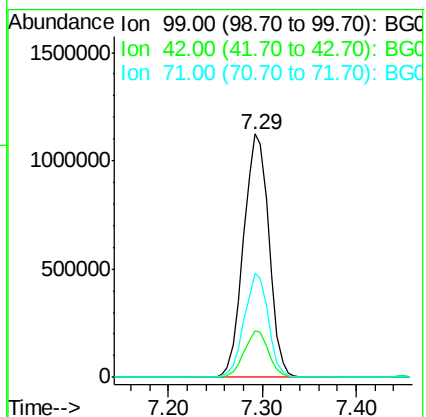
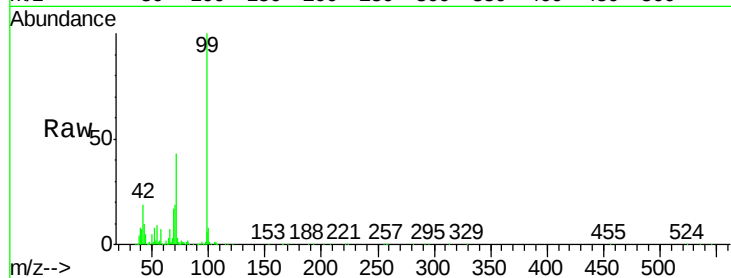
99 100

42 19.2 17.8 26.6

71 42.5 41.5 62.3

Manual Integrations
APPROVED

sohil
8/1/2016 7:12:21 PM



#8

2-Chlorophenol

Concen: 51.13 ng

RT: 7.70 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

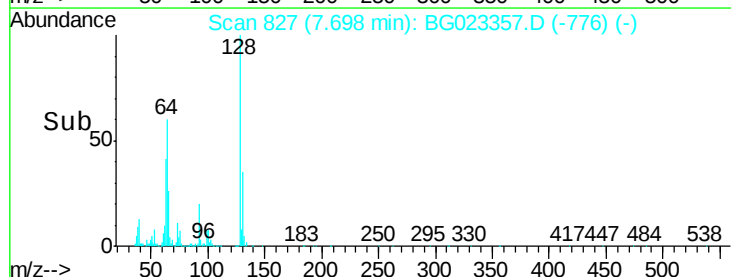
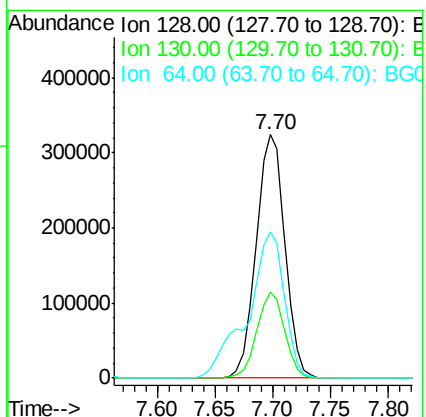
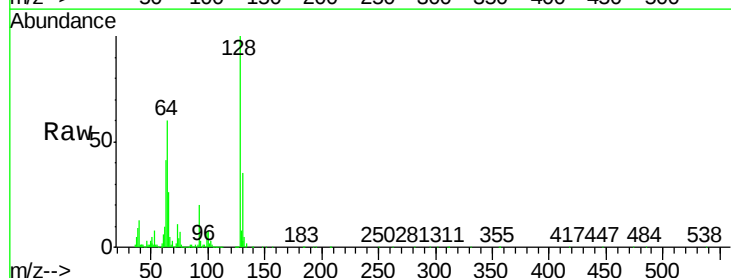
Tgt Ion: 128 Resp: 563127

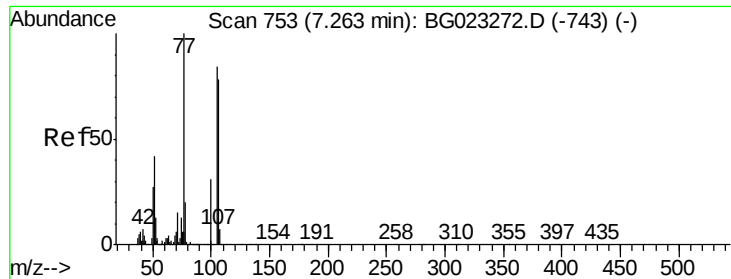
Ion Ratio Lower Upper

128 100

130 35.3 12.9 52.9

64 60.1 42.0 82.0





#9

Benzaldehyde

Concen: 31.53 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

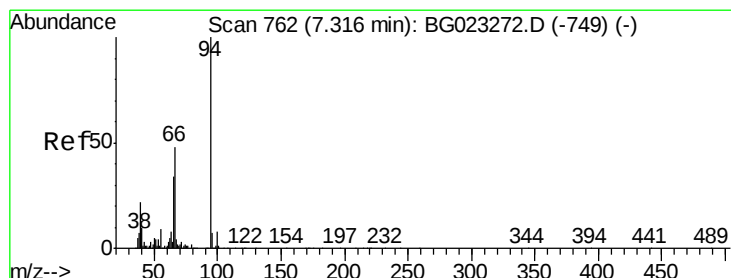
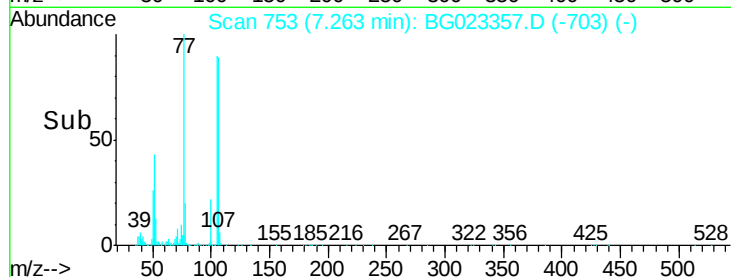
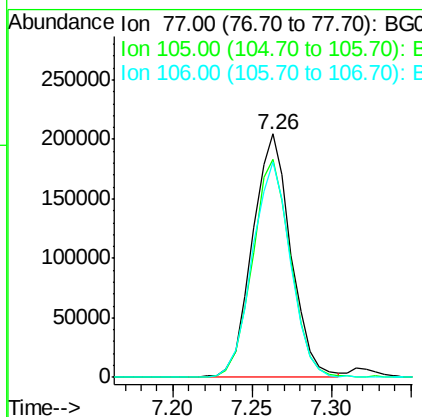
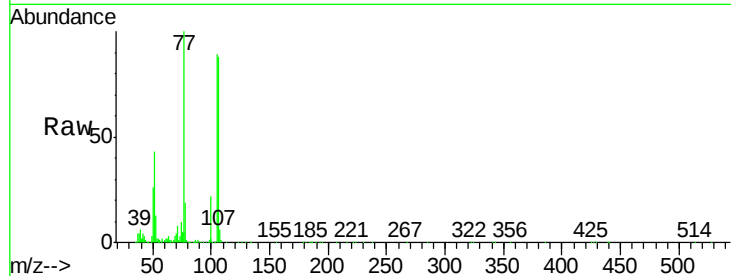
ClientSampleId :

PB92565BSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	89.3	58.7	98.7
106	88.3	67.5	107.5

Manual Integrations
APPROVED

sohil
8/1/2016 7:12:21 PM



#10

Phenol

Concen: 51.82 ng

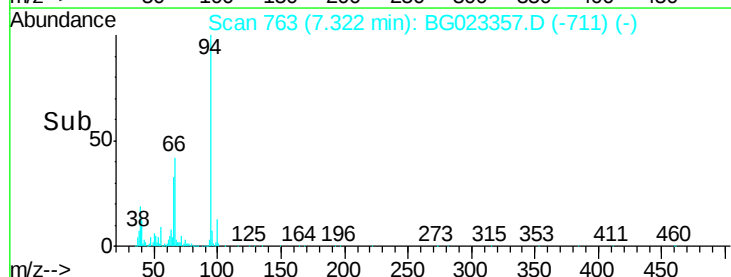
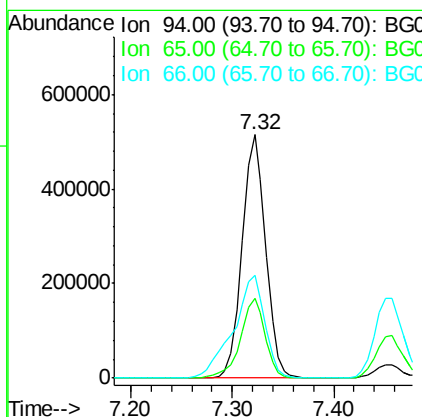
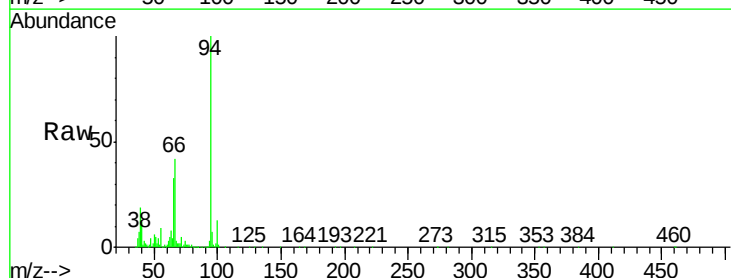
RT: 7.32 min Scan# 763

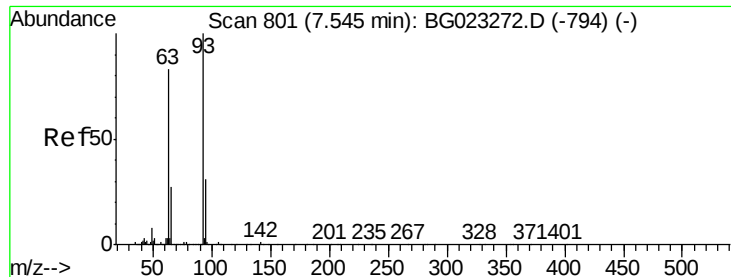
Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.6	18.1	58.1
66	42.3	42.1	82.1





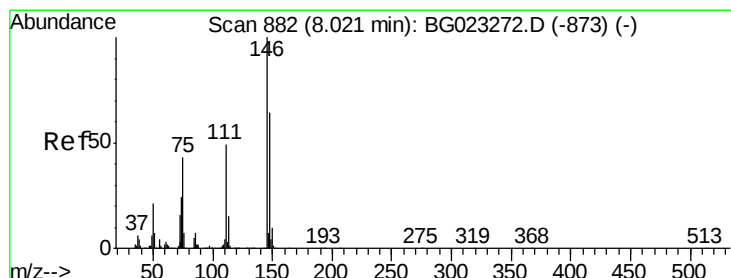
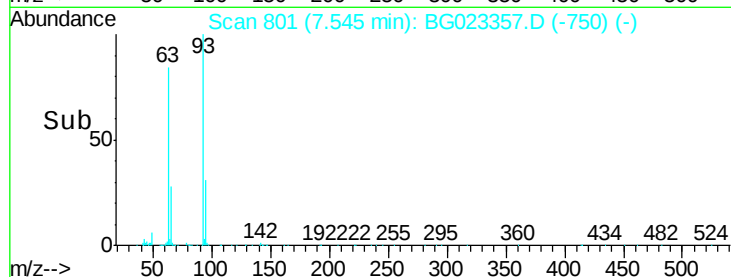
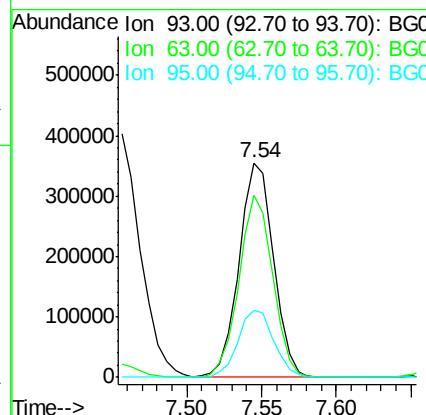
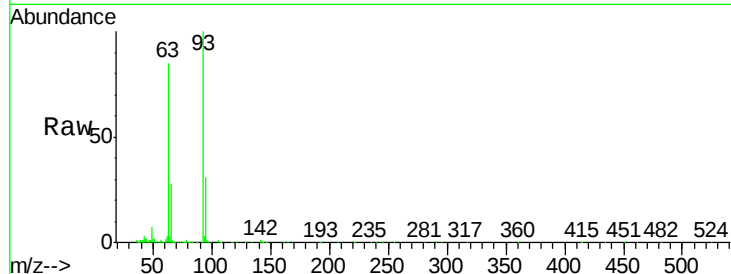
#11
bis(2-Chloroethyl)ether
Concen: 41.85 ng
RT: 7.54 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampleId :
PB92565BSD

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	85.0	55.0	95.0
95	31.4	11.0	51.0

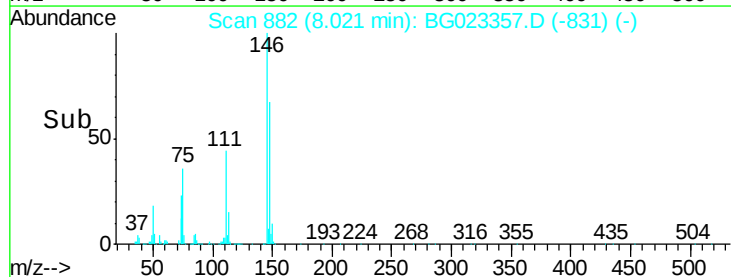
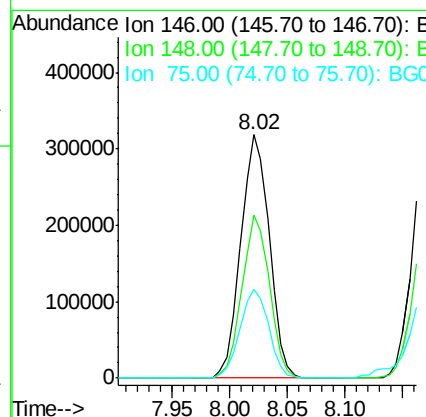
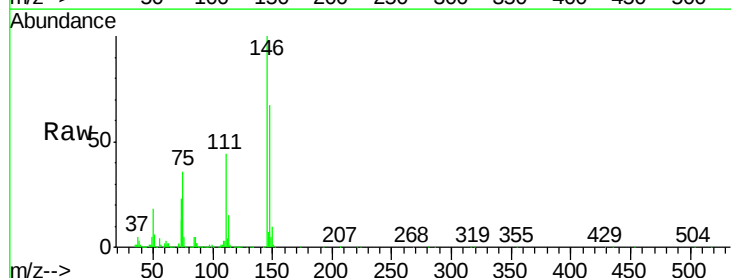
Manual Integrations
APPROVED

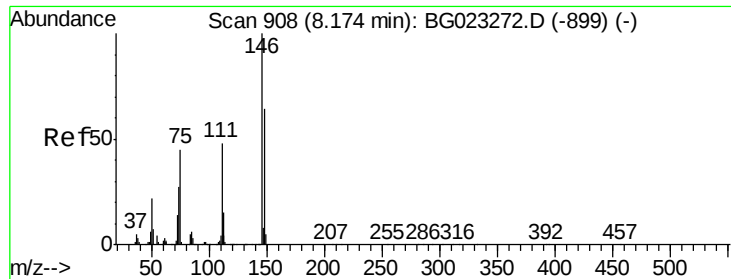
sohil
8/1/2016 7:12:21 PM



#12
1,3-Dichlorobenzene
Concen: 43.92 ng
RT: 8.02 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	66.9	50.3	75.5
75	36.2	37.0	55.6#





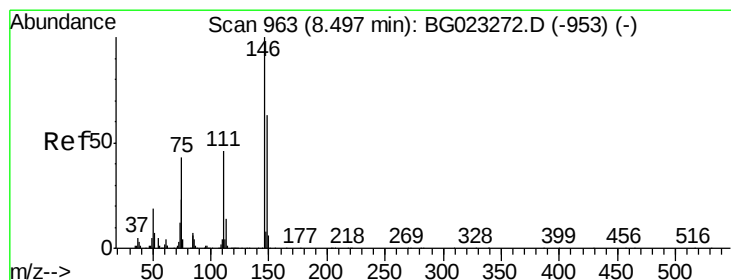
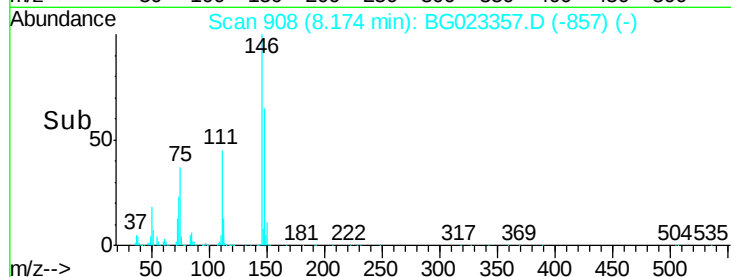
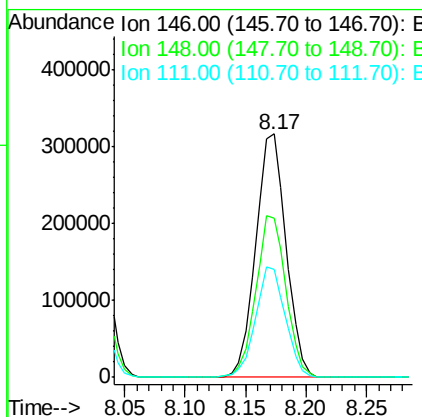
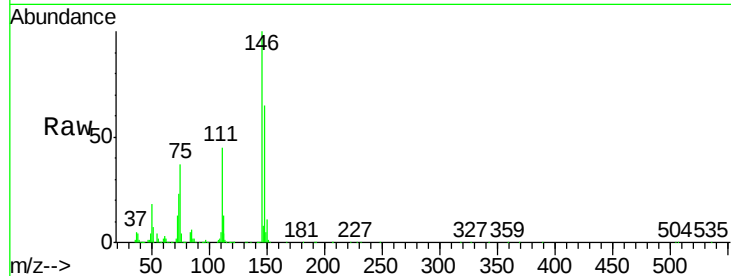
#13
 1,4-Dichlorobenzene
 Concen: 43.39 ng
 RT: 8.17 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	54.5	81.7
111	44.6	37.8	56.8

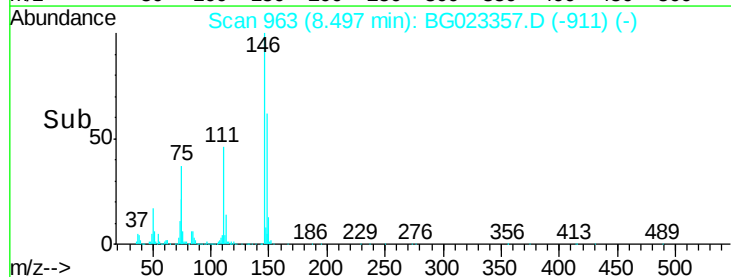
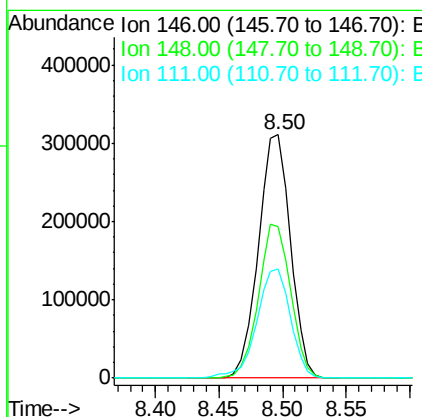
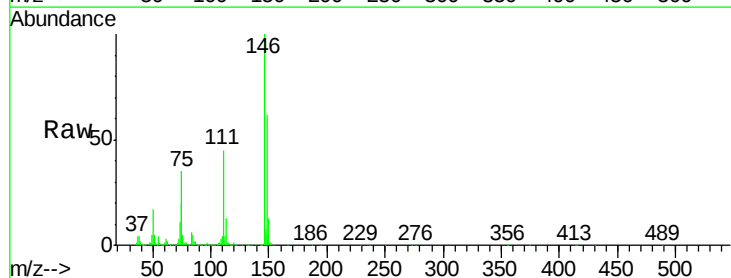
Manual Integrations
 APPROVED

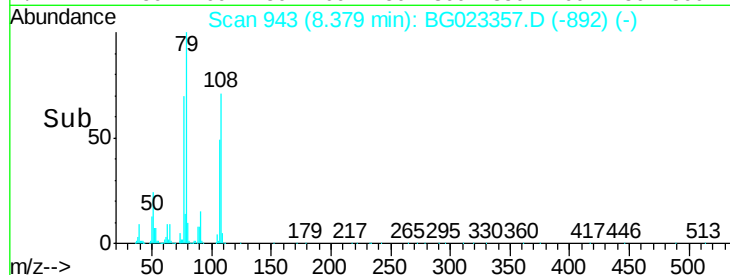
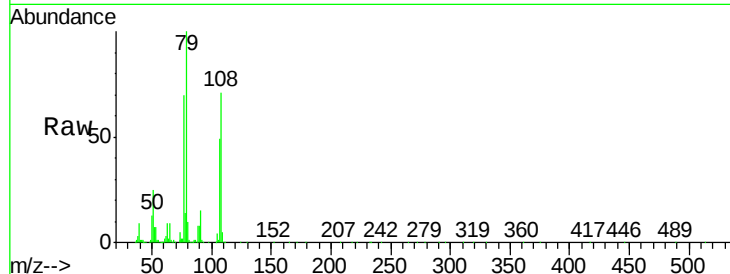
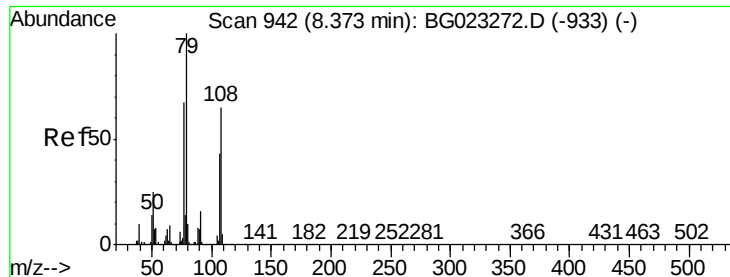
sohil
 8/1/2016 7:12:21 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.92 ng
 RT: 8.50 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.9	79.3
111	44.8	43.5	65.3





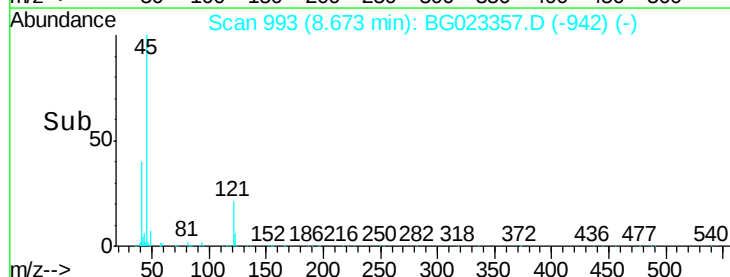
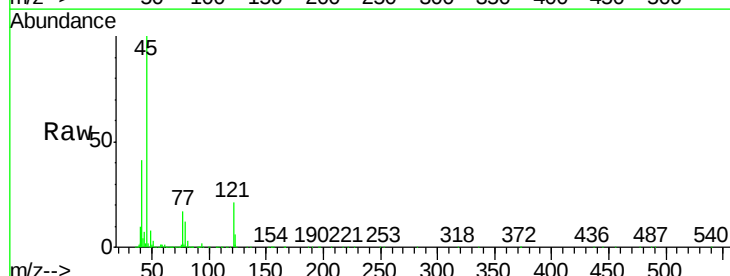
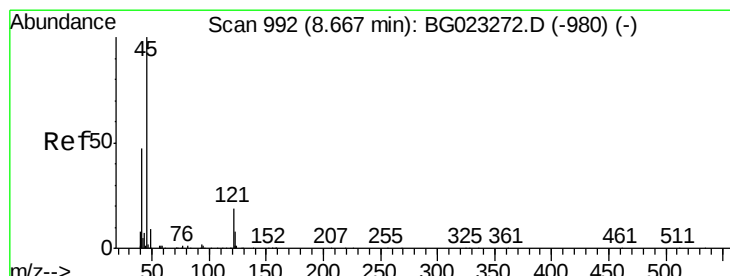
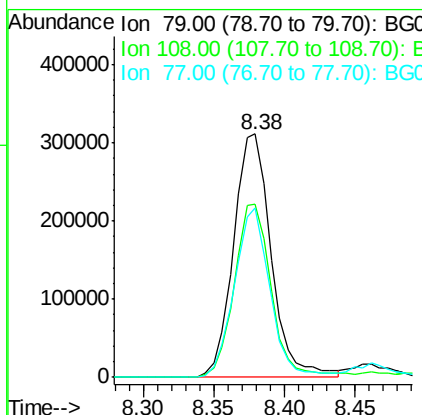
#15
Benzyl Alcohol
Concen: 56.83 ng
RT: 8.38 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
79	100		
108	71.1	46.5	69.7#
77	69.6	52.3	78.5

Instrument :
BNA_G
ClientSampleId :
PB92565BSD

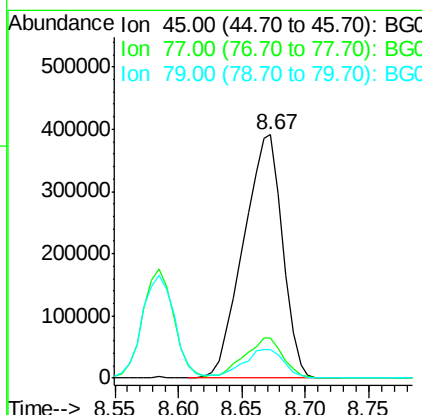
Manual Integrations
APPROVED

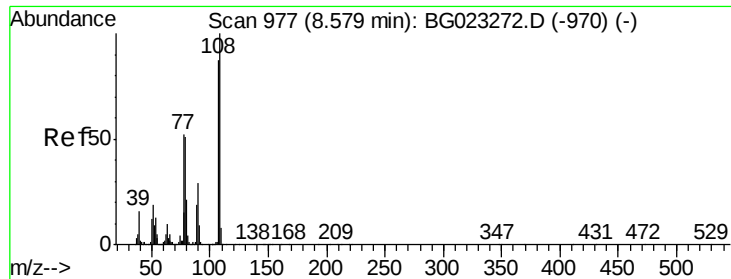
sohil
8/1/2016 7:12:21 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.73 ng
RT: 8.67 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.6	40.6
79	11.7	0.0	36.2





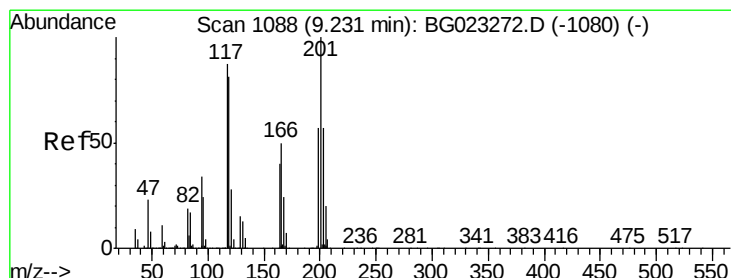
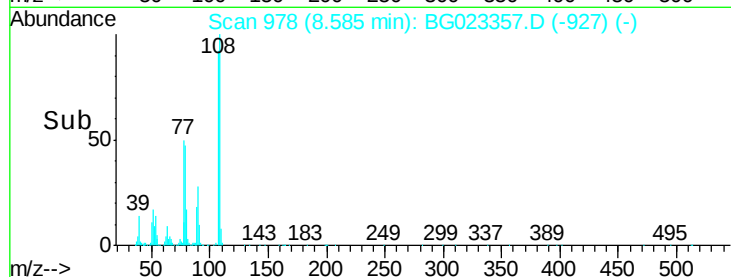
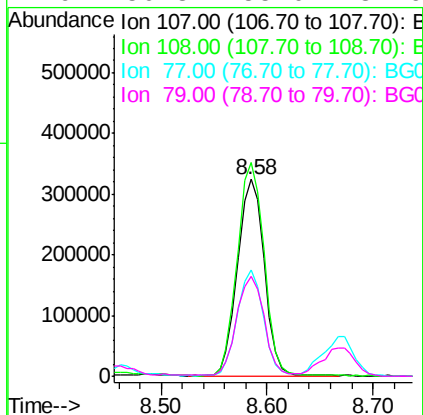
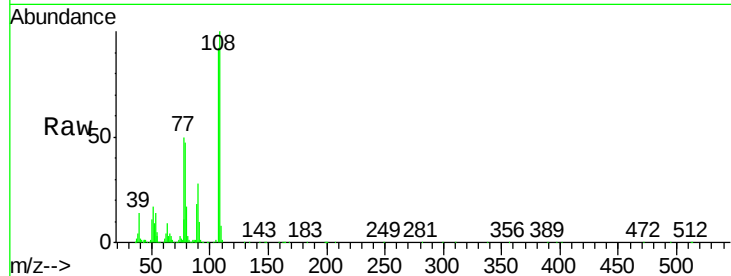
#17
2-Methylphenol
Concen: 51.90 ng
RT: 8.58 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampleId :
PB92565BSD

Tgt	Ion	Resp	Lower	Upper
107	100			
108	108.6	92.0	138.0	
77	54.0	55.8	83.6#	
79	50.8	55.0	82.6#	

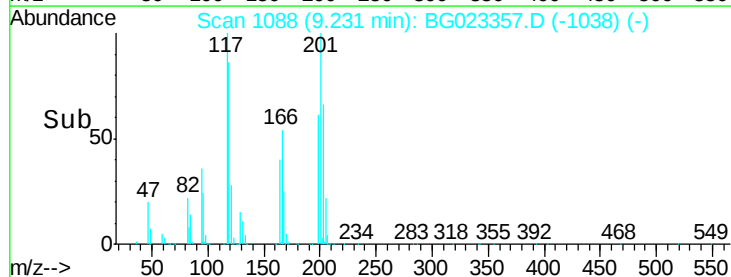
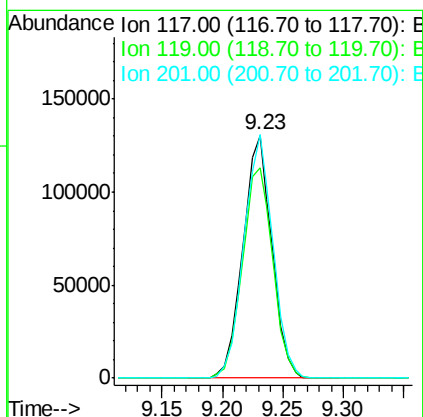
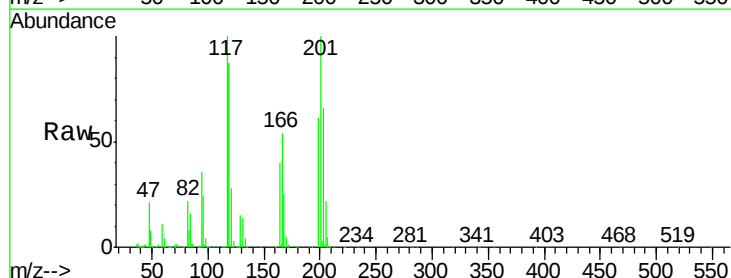
Manual Integrations
APPROVED

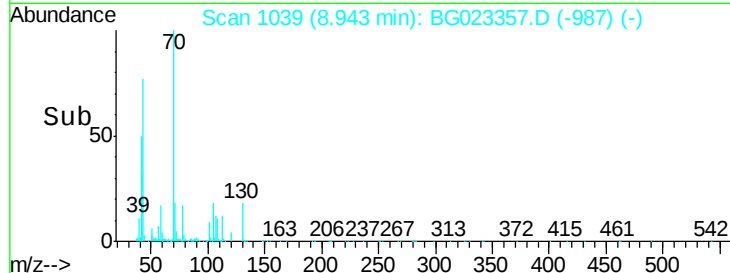
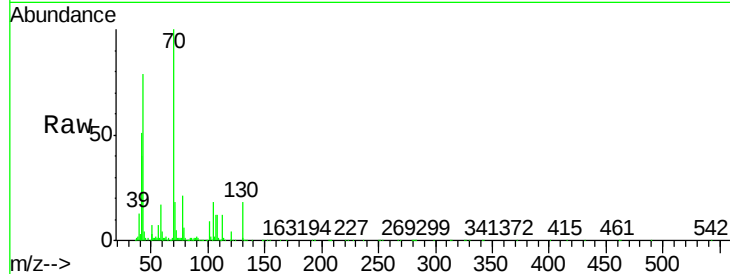
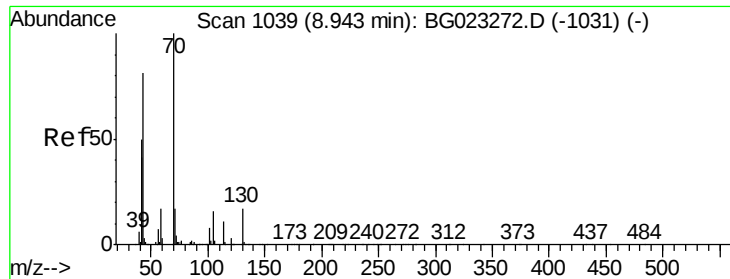
sohil
8/1/2016 7:12:21 PM



#18
Hexachloroethane
Concen: 41.24 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt	Ion	Resp	Lower	Upper
117	100			
119	86.8	73.7	110.5	
201	100.2	88.7	133.1	





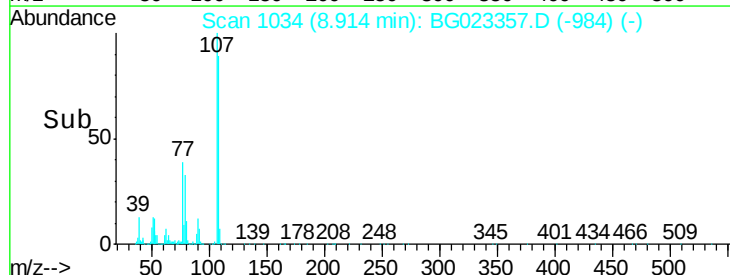
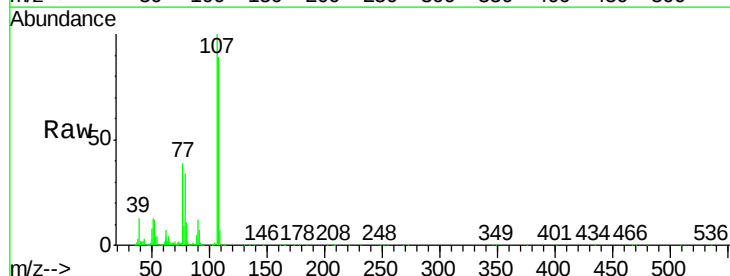
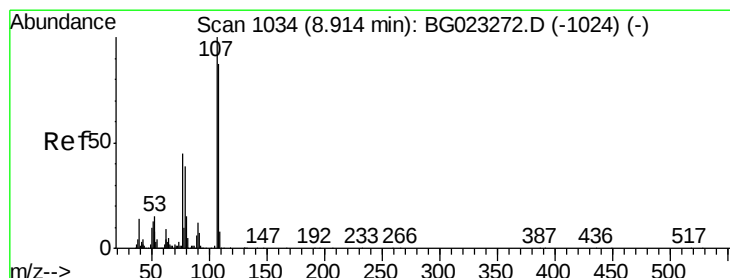
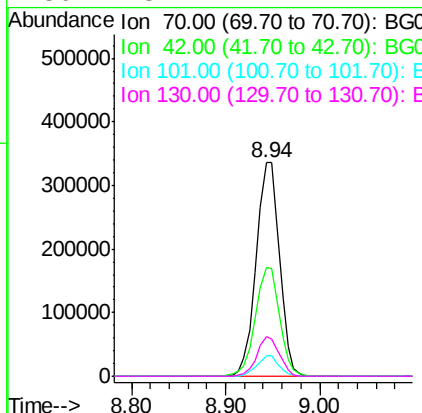
#19
n-Nitroso-di-n-propylamine
Concen: 42.43 ng
RT: 8.94 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampleId :
PB92565BSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.7	42.1	63.1
101	9.4	7.2	10.8
130	18.4	14.2	21.2

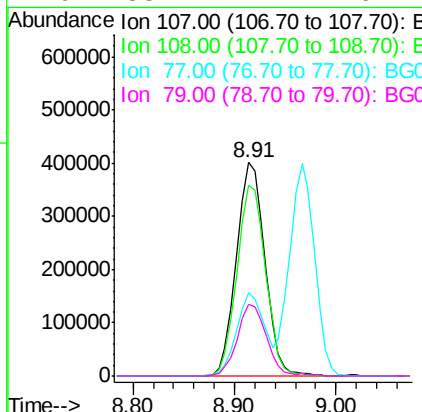
Manual Integrations
APPROVED

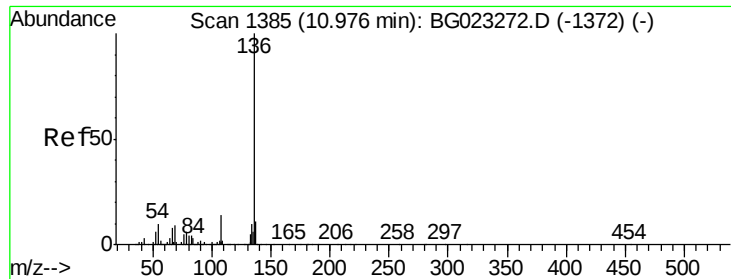
sohil
8/1/2016 7:12:21 PM



#20
3+4-Methylphenols
Concen: 52.90 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	72.5	112.5
77	39.2	30.1	70.1
79	33.7	24.2	64.2





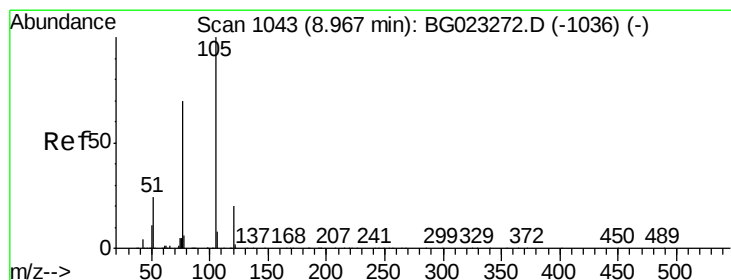
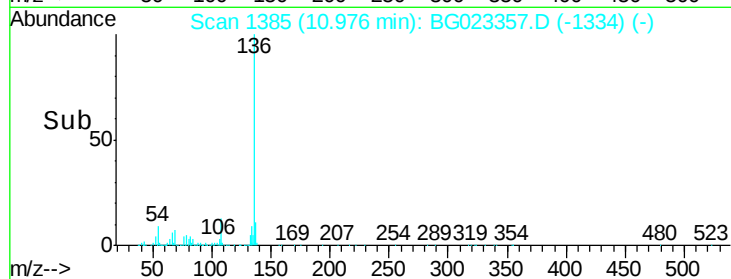
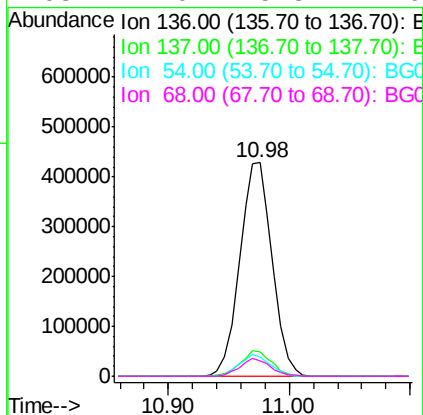
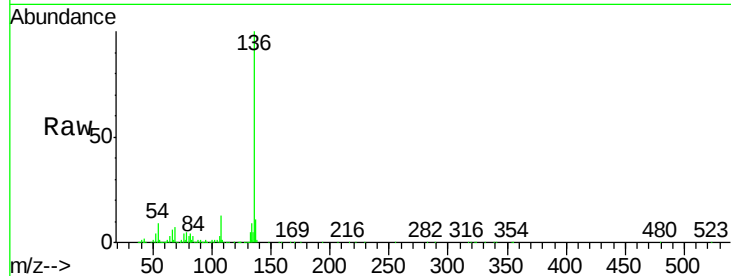
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampleId :
PB92565BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	793515		
137	11.2	9.6	14.4	
54	8.8	7.3	10.9	
68	7.0	5.3	7.9	

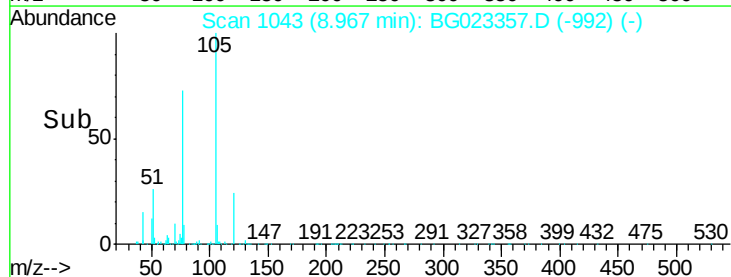
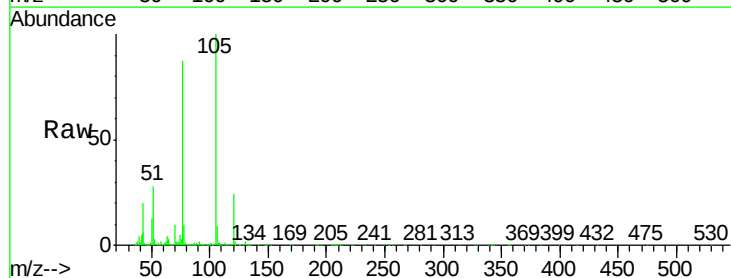
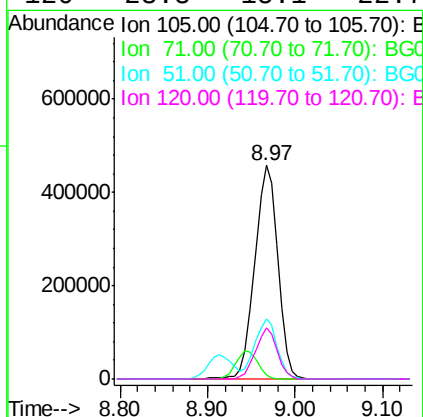
Manual Integrations
APPROVED

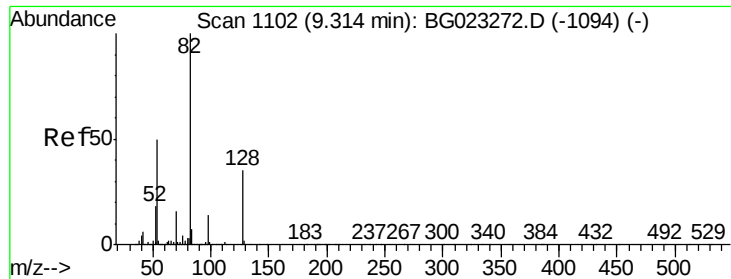
sohil
8/1/2016 7:12:21 PM



#22
Acetophenone
Concen: 39.63 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	821036		
71	1.7	2.6	3.8#	
51	28.0	27.1	40.7	
120	23.8	15.1	22.7#	





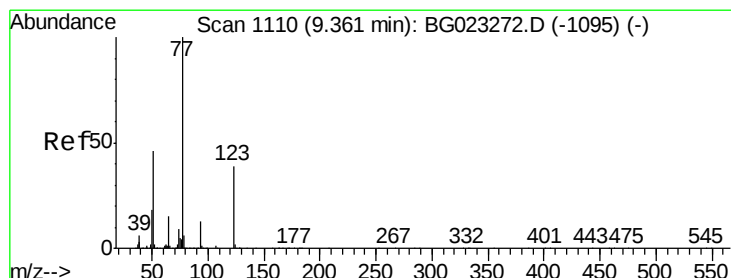
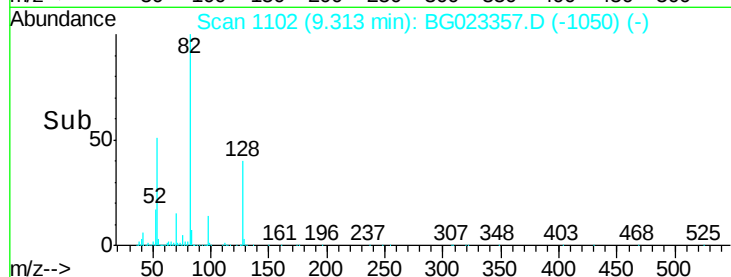
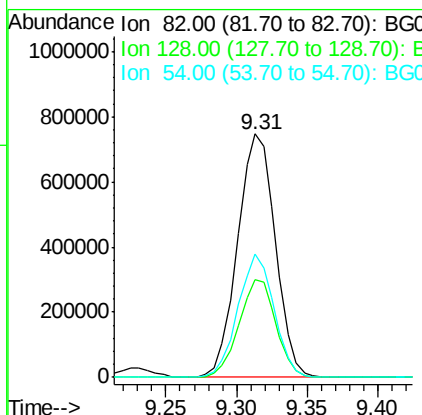
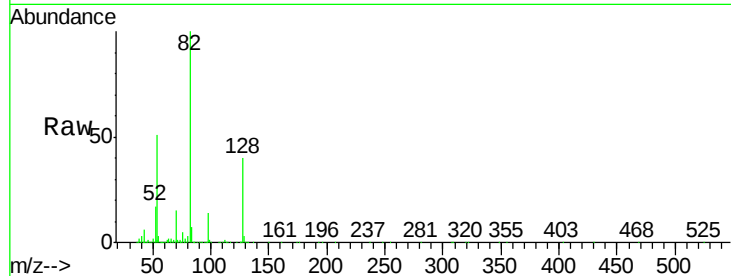
#23
 Nitrobenzene-d5
 Concen: 85.98 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	24.4	36.6#
54	50.6	41.4	62.0

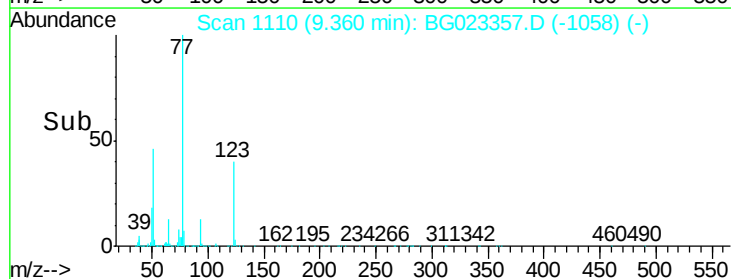
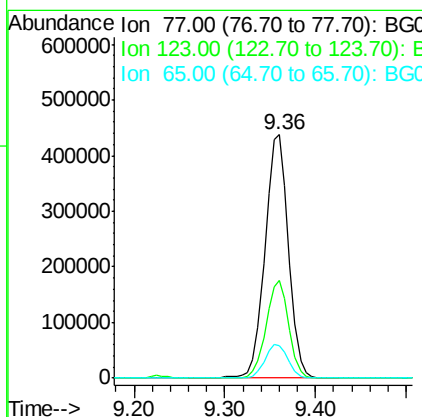
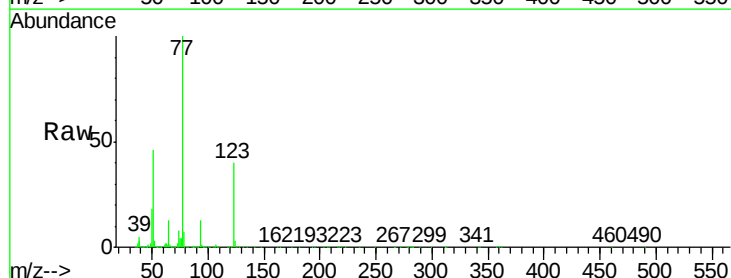
Manual Integrations
 APPROVED

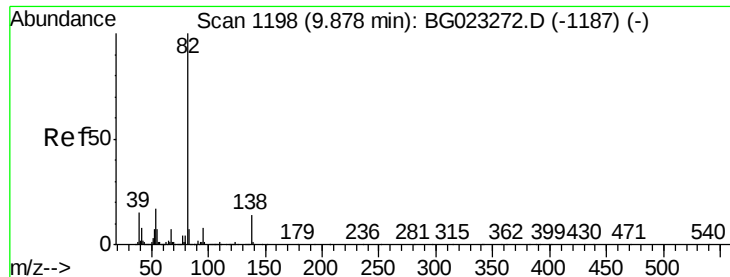
sohil
 8/1/2016 7:12:21 PM



#24
 Nitrobenzene
 Concen: 41.94 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.1	25.0	37.6#
65	13.4	13.4	20.0





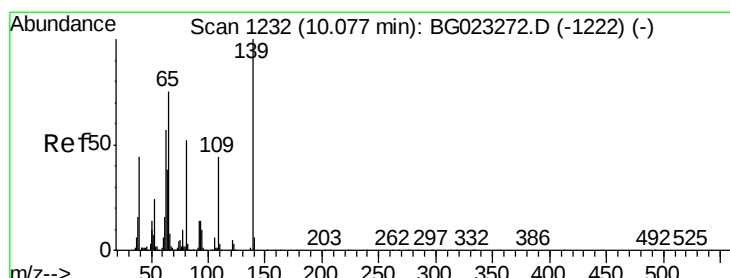
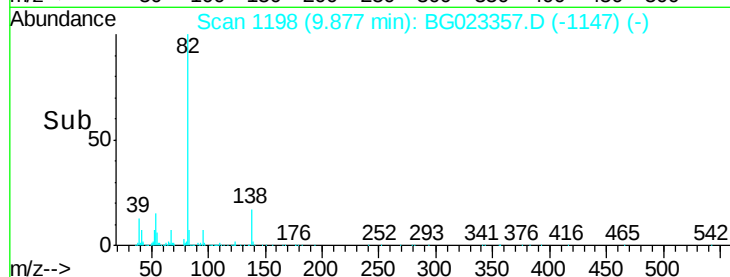
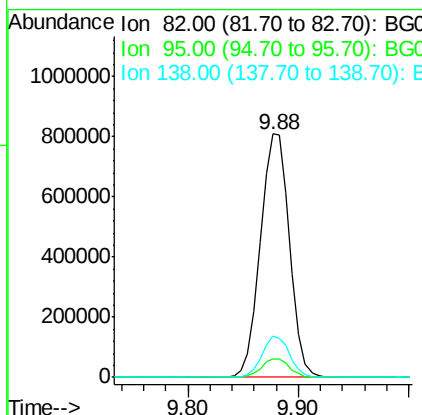
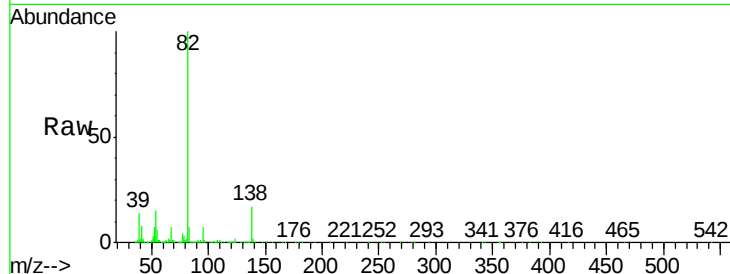
#25
Isophorone
Concen: 44.57 ng
RT: 9.88 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampleId :
PB92565BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.4	8.2	12.2#
138	16.9	10.7	16.1#

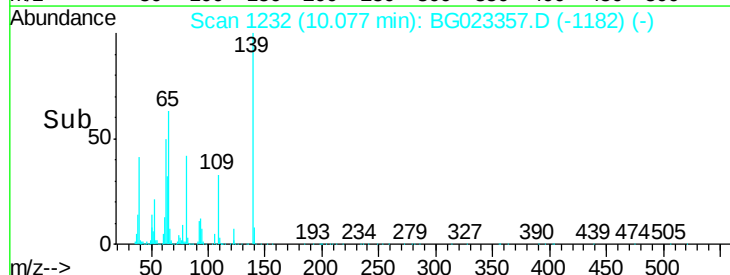
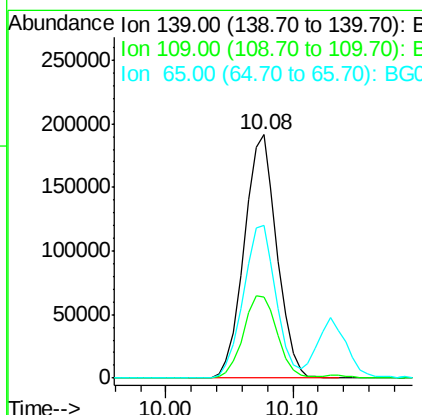
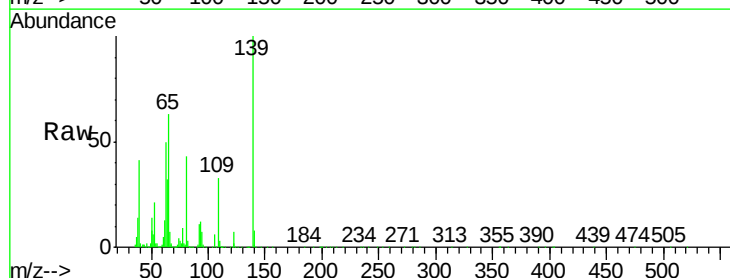
Manual Integrations
APPROVED

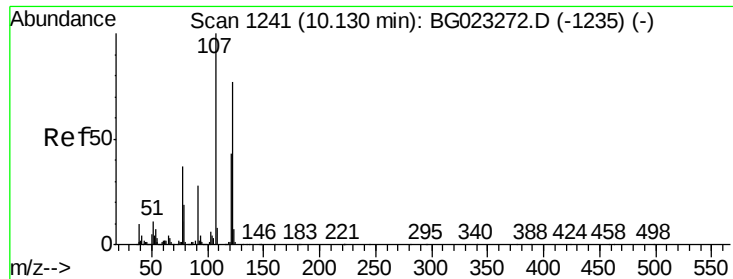
sohil
8/1/2016 7:12:21 PM



#26
2-Nitrophenol
Concen: 47.99 ng
RT: 10.08 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.2	43.5	65.3#
65	62.8	64.3	96.5#





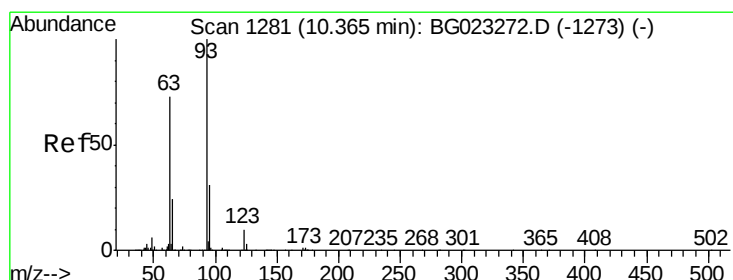
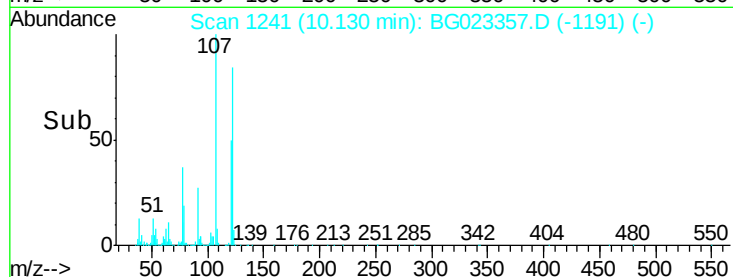
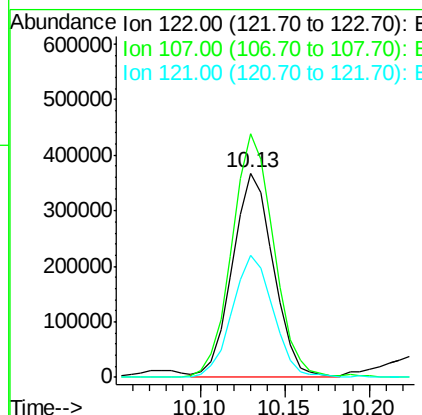
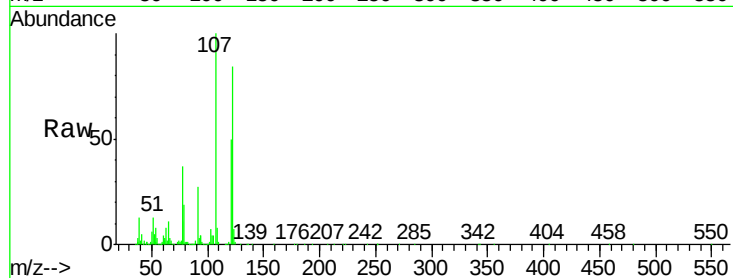
#27
 2,4-Dimethylphenol
 Concen: 51.40 ng
 RT: 10.13 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.3	117.0	175.4
121	59.6	50.1	75.1

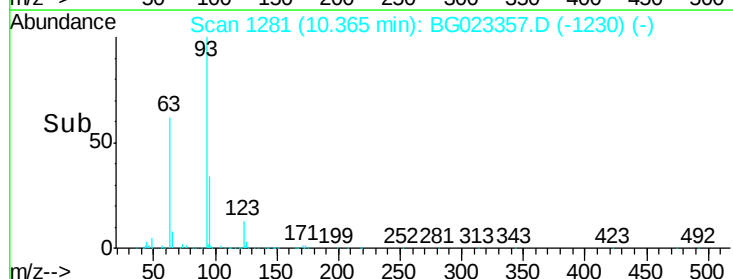
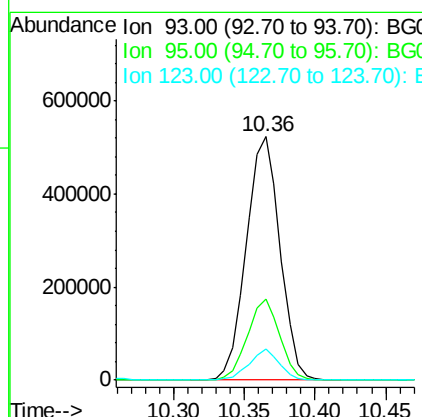
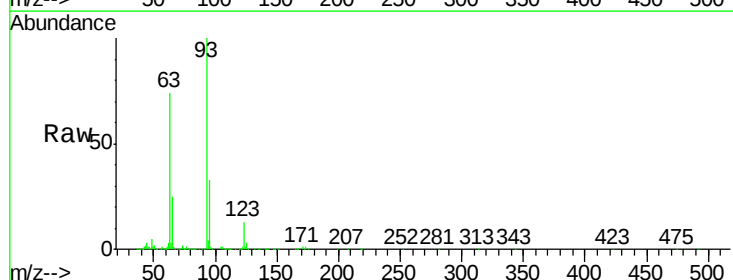
Manual Integrations
 APPROVED

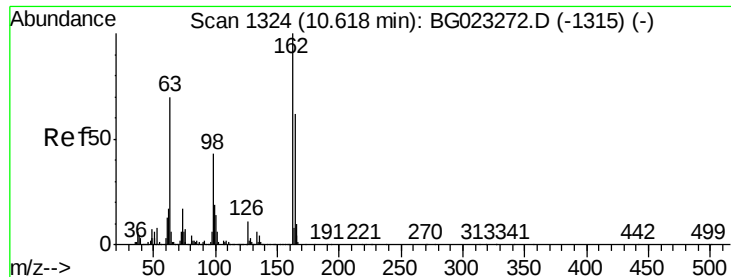
sohil
 8/1/2016 7:12:21 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.38 ng
 RT: 10.36 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.4	38.2
123	12.6	8.2	12.2#





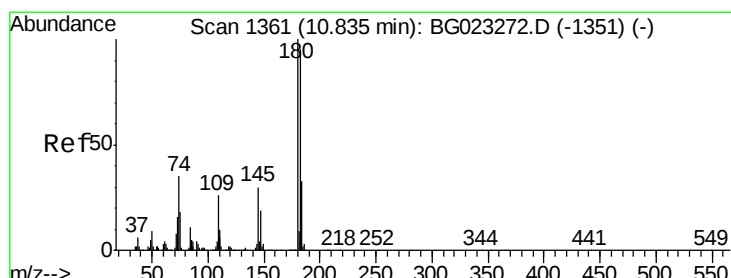
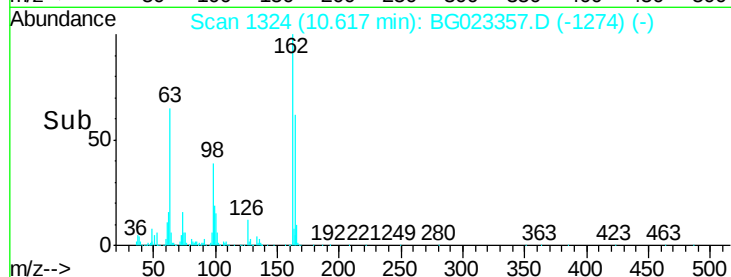
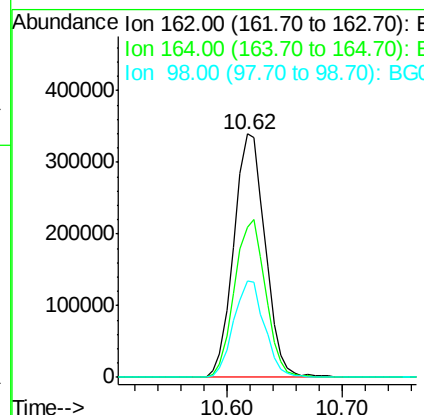
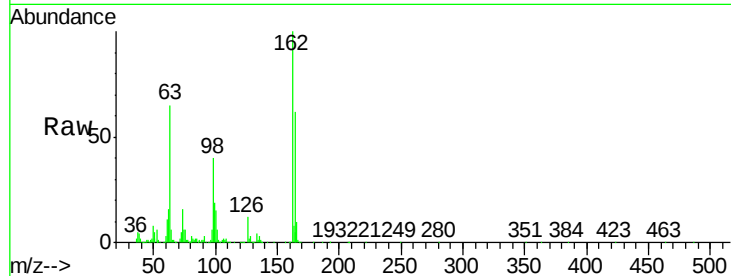
#29
 2,4-Dichlorophenol
 Concen: 55.19 ng
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.7	44.3	84.3
98	39.5	19.5	59.5

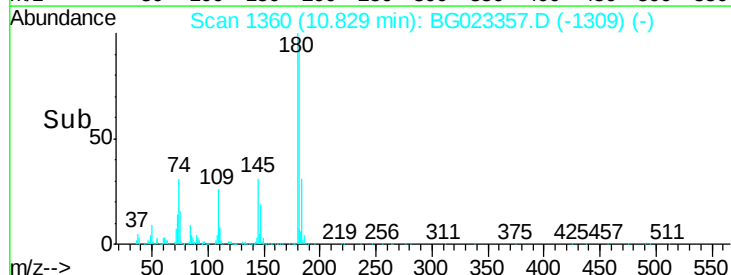
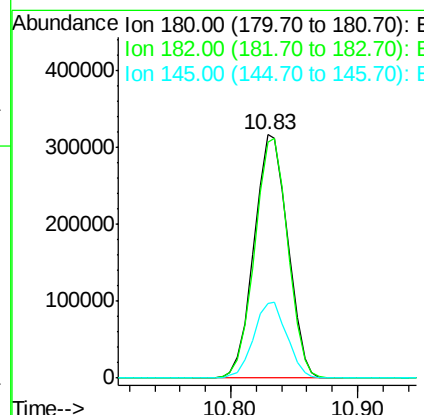
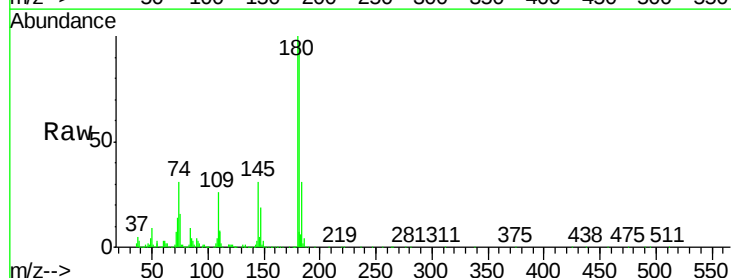
Manual Integrations
 APPROVED

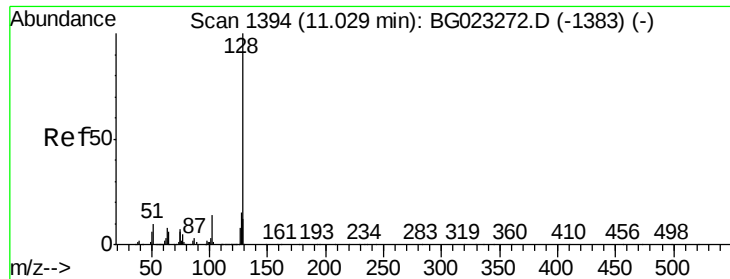
sohil
 8/1/2016 7:12:21 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.73 ng
 RT: 10.83 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.2	73.8	110.8
145	30.8	24.4	36.6





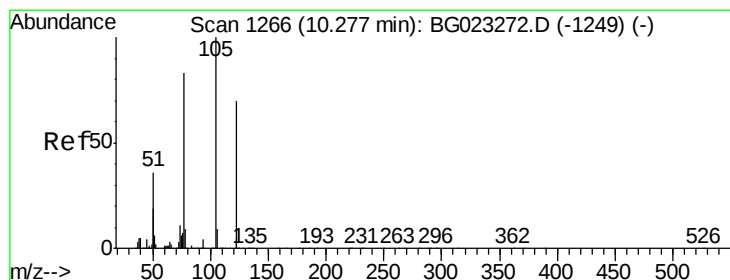
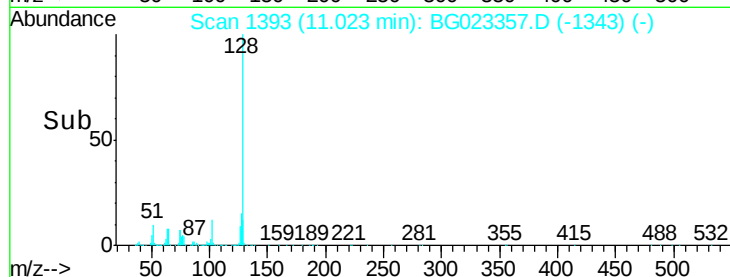
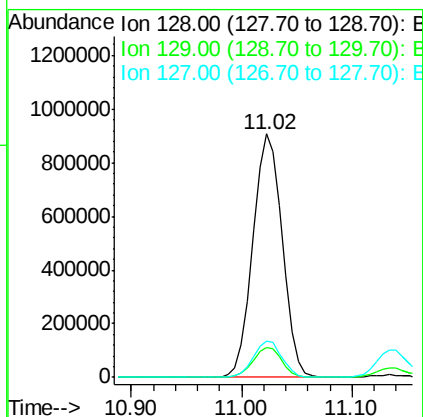
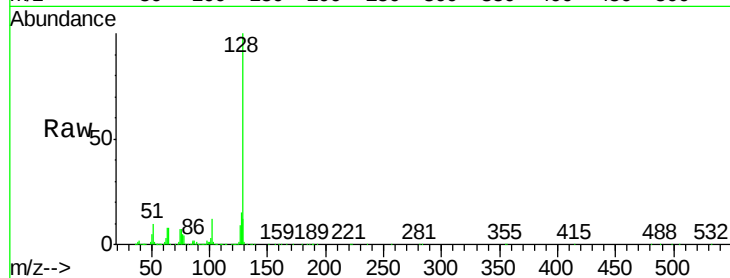
#31
Naphthalene
Concen: 45.95 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampleId :
PB92565BSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.0
127	14.8	11.3	16.9

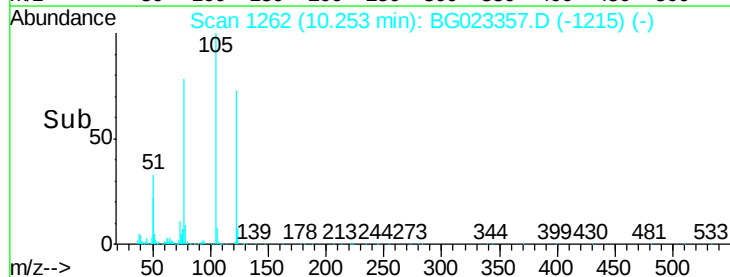
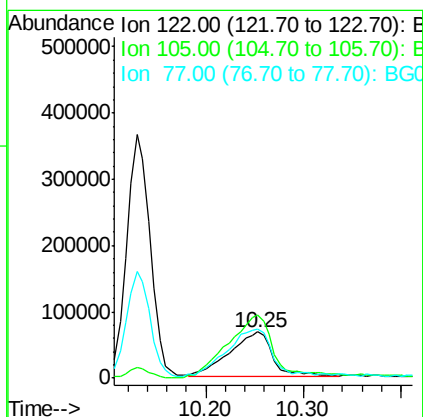
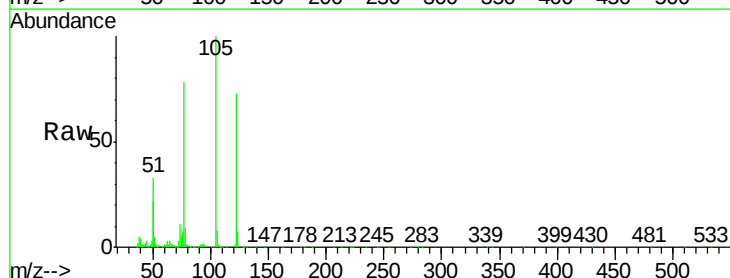
Manual Integrations
APPROVED

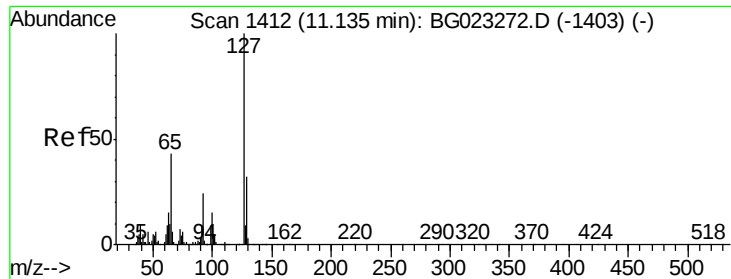
sohil
8/1/2016 7:12:21 PM



#32
Benzoic acid
Concen: 25.69 ng
RT: 10.25 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.2	117.2	157.2
77	106.6	109.2	149.2





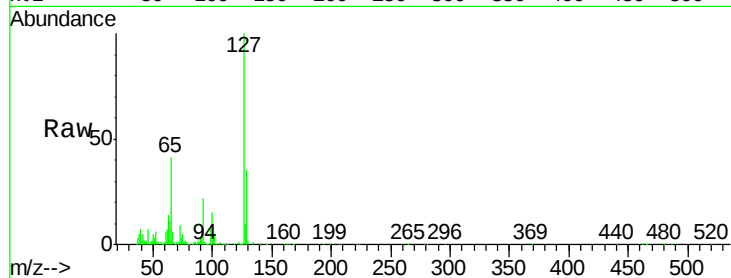
#33
4-Chloroaniline
Concen: 12.50 ng
RT: 11.13 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampleId :
PB92565BSD

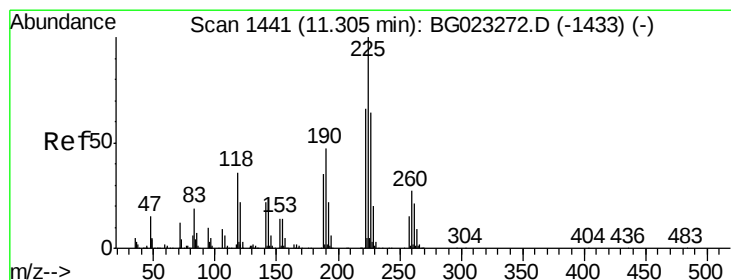
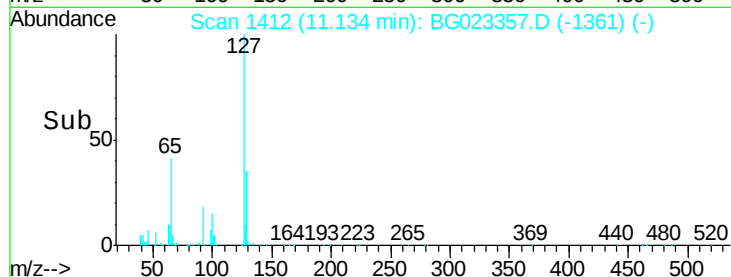
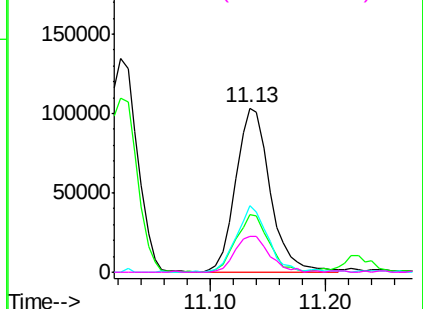
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	212878		
129	34.9	27.9	41.9	
65	40.5	36.8	55.2	
92	22.0	21.0	31.6	

Manual Integrations
APPROVED

sohil
8/1/2016 7:12:21 PM

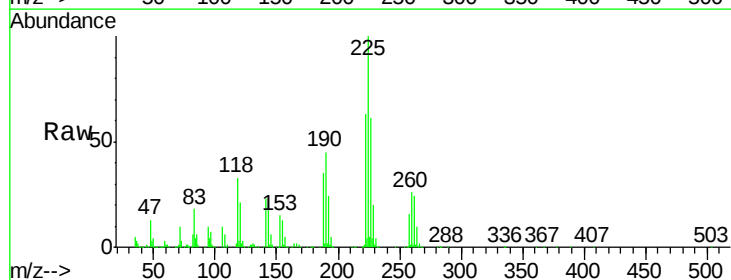


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

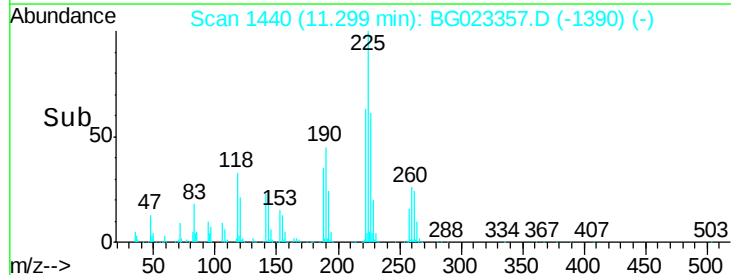
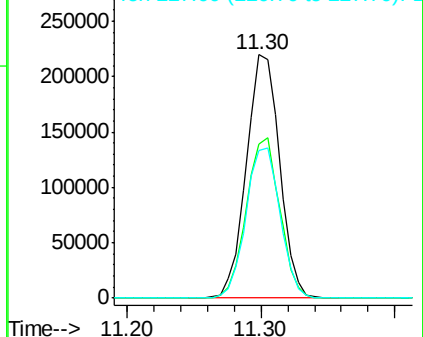


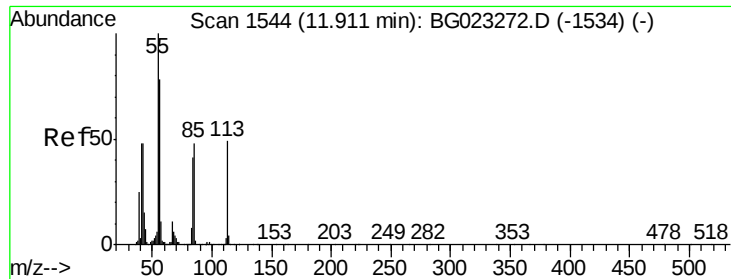
#34
Hexachlorobutadiene
Concen: 44.76 ng
RT: 11.30 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	376487		
223	63.1	49.6	74.4	
227	60.8	54.5	81.7	



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: 46.78 ng

RT: 11.92 min Scan# 1545

Delta R.T. 0.03 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

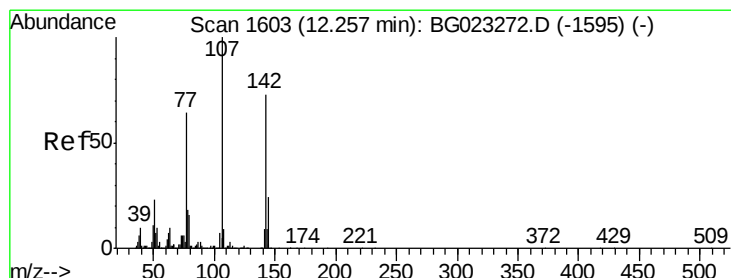
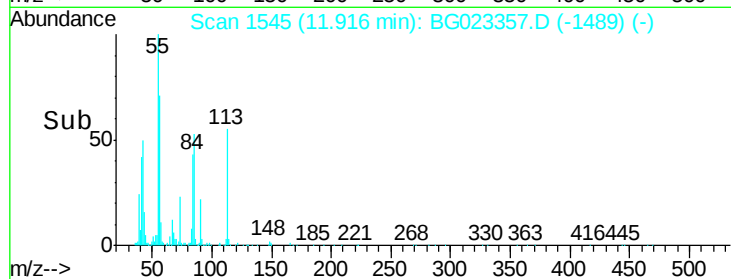
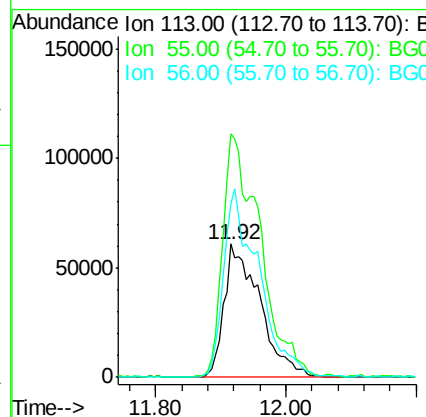
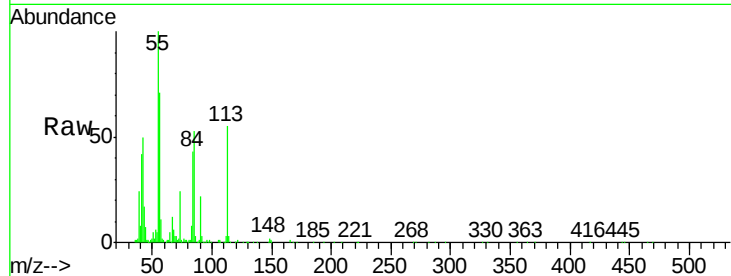
ClientSampleId :

PB92565BSD

Tgt Ion:	113	Resp:	231017
Ion Ratio	Lower	Upper	
113	100		
55	183.2	154.5	194.5
56	130.3	125.1	165.1

Manual Integrations
APPROVED

sohil
8/1/2016 7:12:21 PM



#36

4-Chloro-3-methylphenol

Concen: 48.58 ng

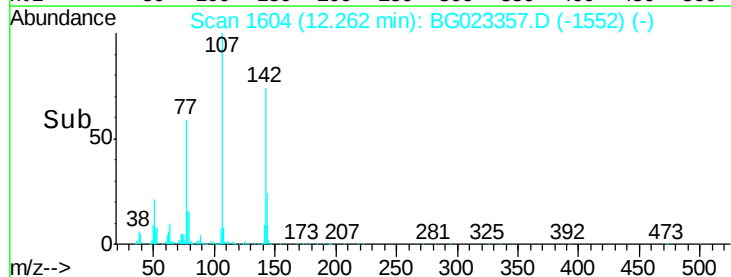
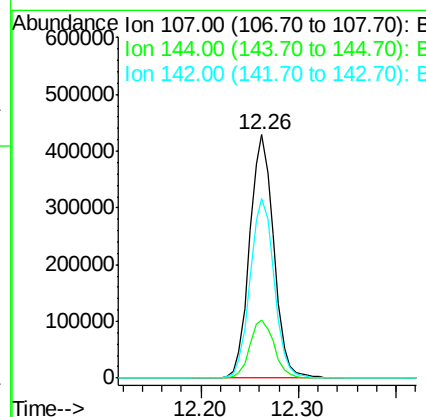
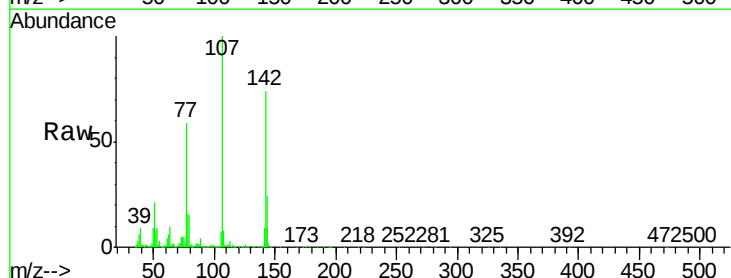
RT: 12.26 min Scan# 1604

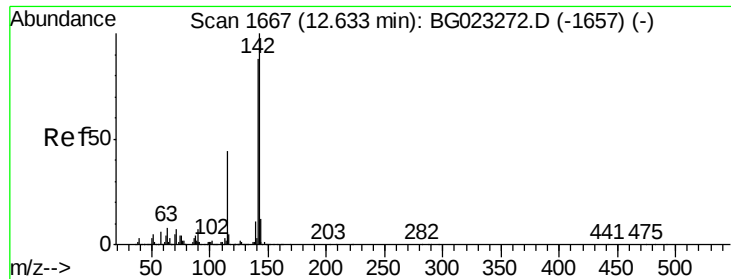
Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Tgt Ion:	107	Resp:	741259
Ion Ratio	Lower	Upper	
107	100		
144	24.1	17.0	25.6
142	73.6	53.0	79.6





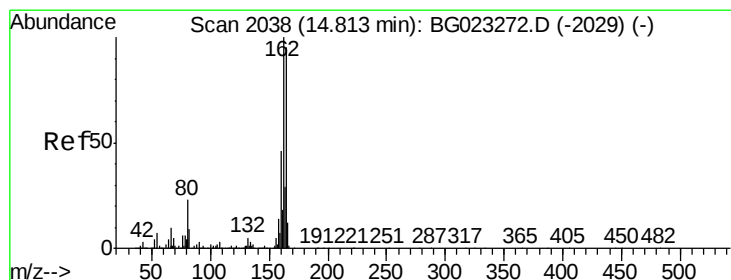
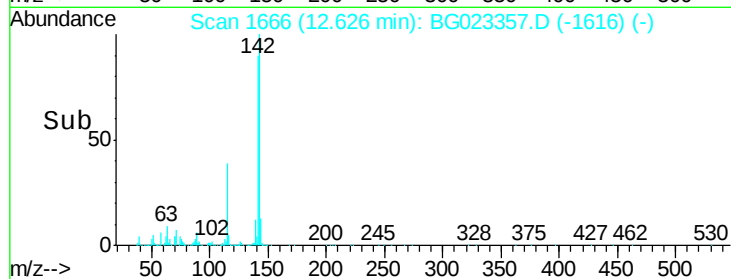
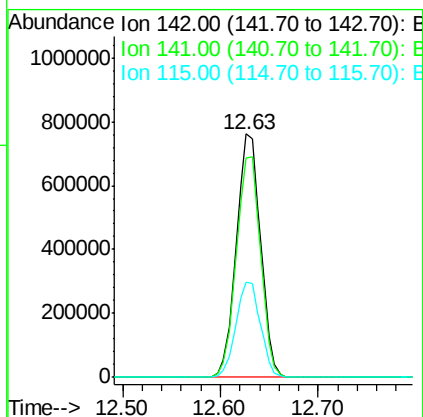
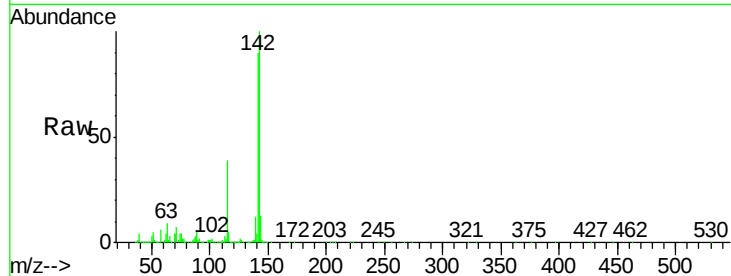
#37
2-Methylnaphthalene
Concen: 47.92 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampleId :
PB92565BSD

Tgt Ion:142 Resp: 1309957
Ion Ratio Lower Upper
142 100
141 90.1 70.2 105.2
115 39.3 41.7 62.5#

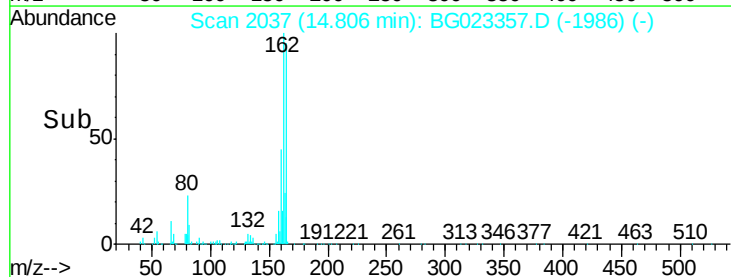
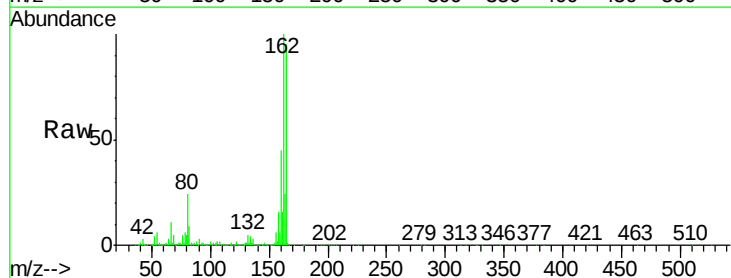
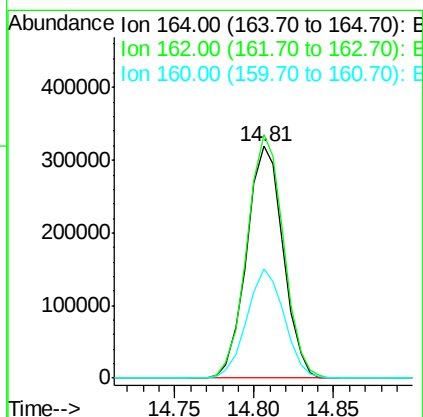
Manual Integrations
APPROVED

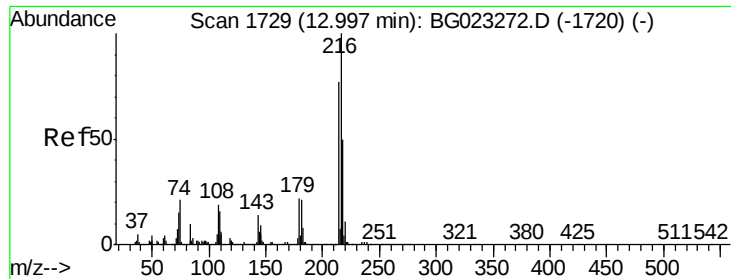
sohil
8/1/2016 7:12:21 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion:164 Resp: 510081
Ion Ratio Lower Upper
164 100
162 105.1 87.7 131.5
160 47.3 37.2 55.8





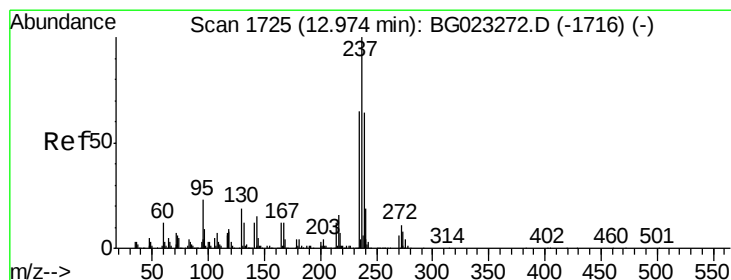
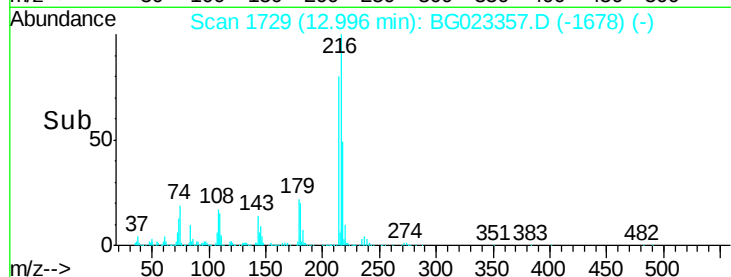
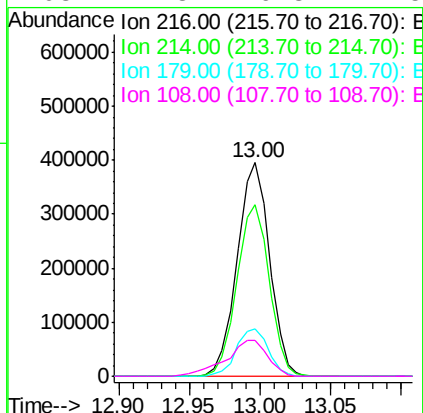
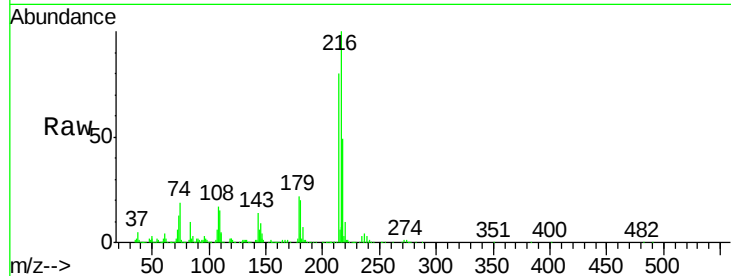
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.12 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	629462		
214	80.1	62.9	94.3	
179	22.0	17.2	25.8	
108	21.8	16.3	24.5	

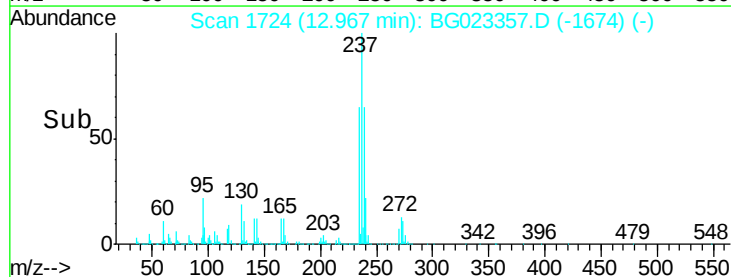
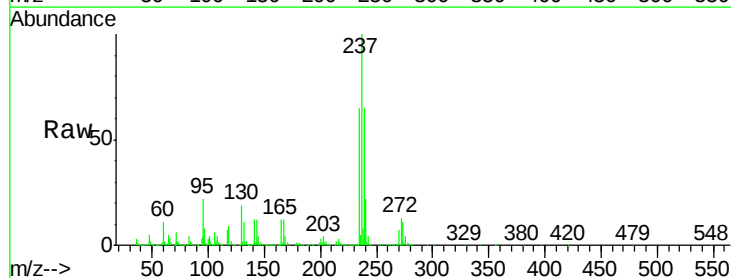
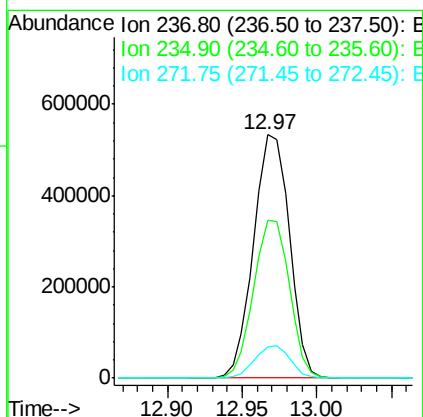
Manual Integrations
 APPROVED

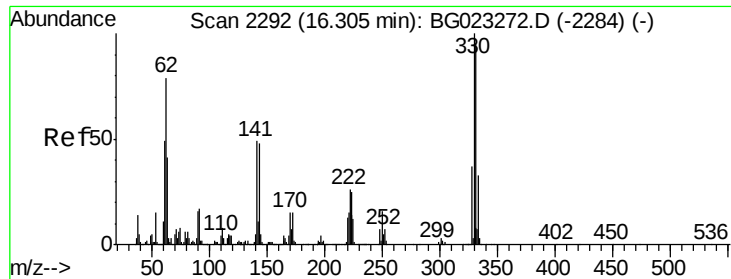
sohil
 8/1/2016 7:12:21 PM



#40
 Hexachlorocyclopentadiene
 Concen: 113.41 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	887486		
235	64.8	43.1	83.1	
272	12.8	0.0	30.9	





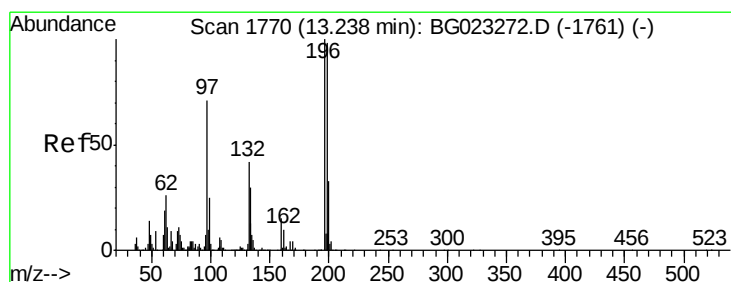
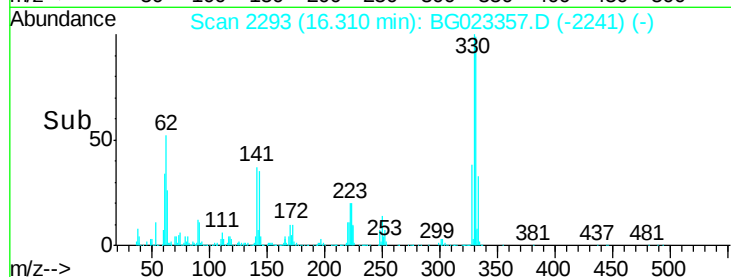
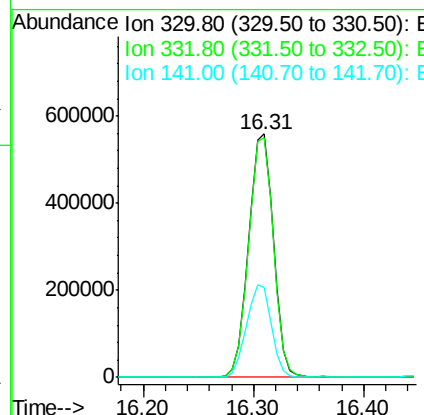
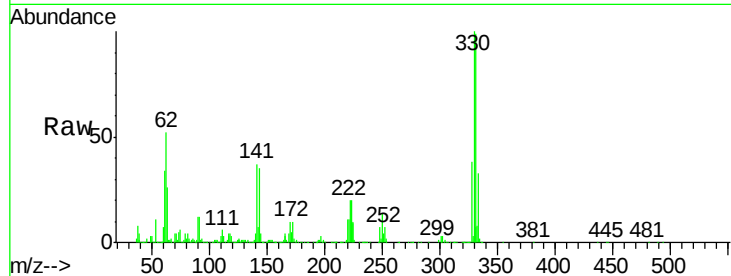
#41
 2,4,6-Tribromophenol
 Concen: 167.81 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	885955		
332	98.7	77.4	116.2	
141	38.3	31.7	47.5	

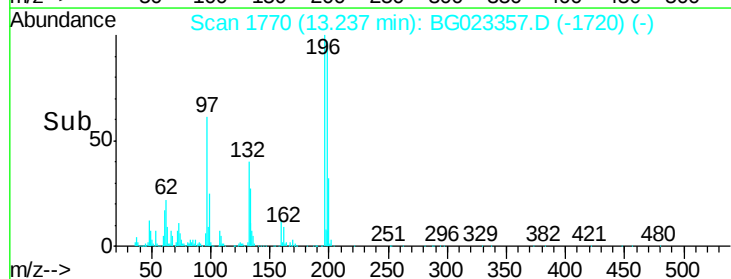
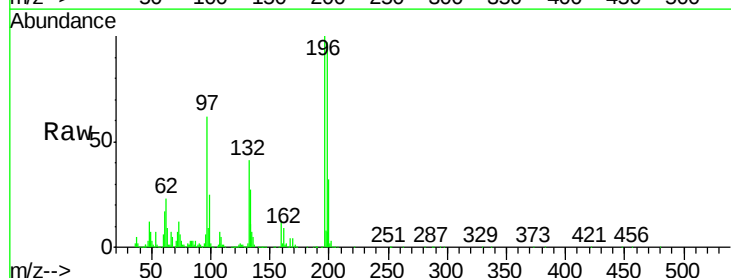
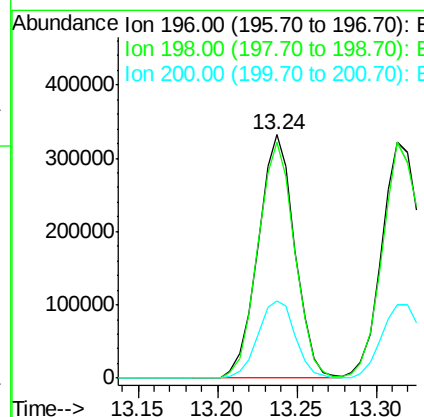
Manual Integrations
 APPROVED

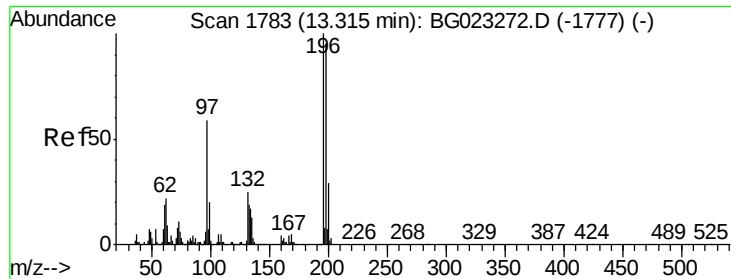
sohil
 8/1/2016 7:12:21 PM



#42
 2,4,6-Trichlorophenol
 Concen: 55.05 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	533942		
198	97.1	78.2	117.2	
200	31.6	27.0	40.4	





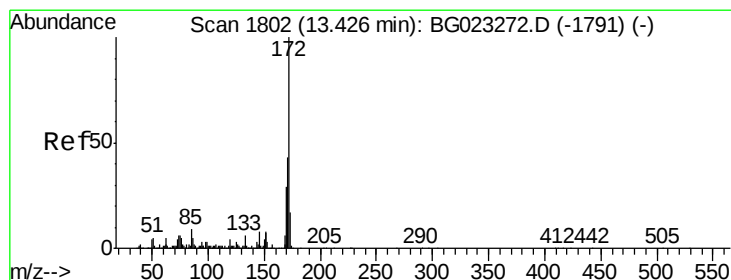
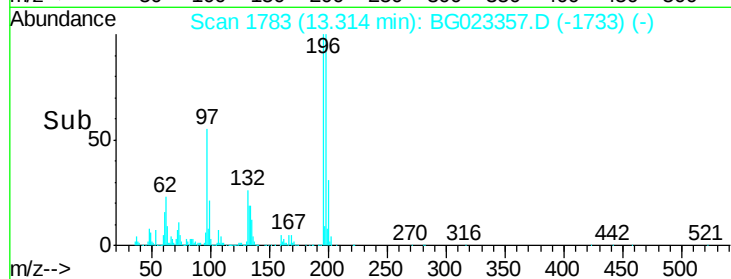
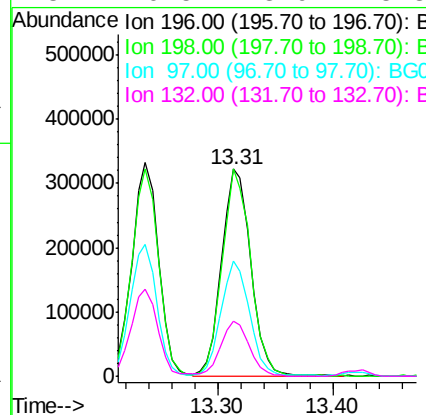
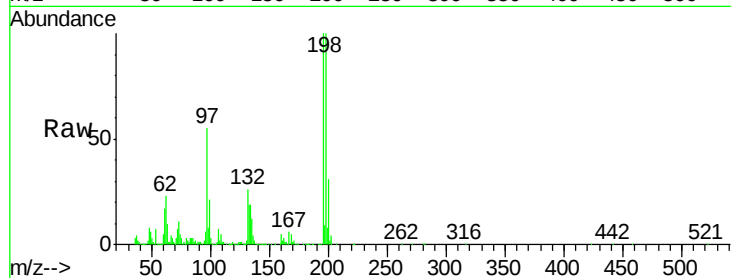
#43
 2,4,5-Trichlorophenol
 Concen: 54.80 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BSD

Tgt Ion:	196	Resp:	563850
Ion Ratio	Lower	Upper	
196	100		
198	99.9	85.7	128.5
97	55.4	45.5	68.3
132	26.5	18.9	28.3

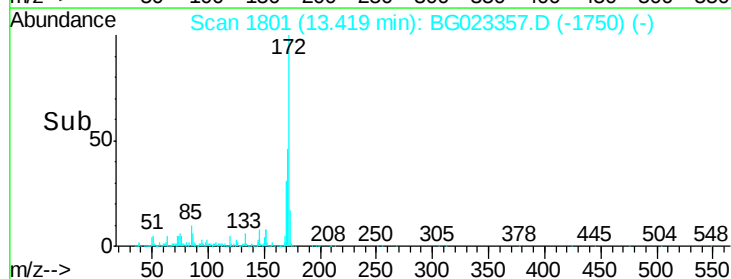
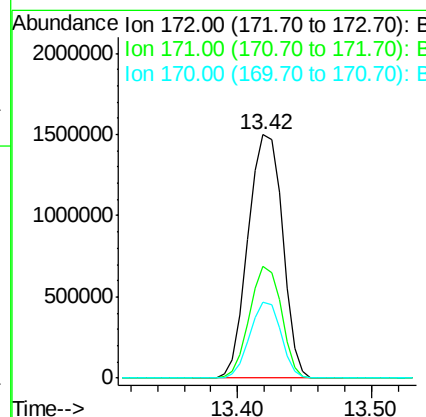
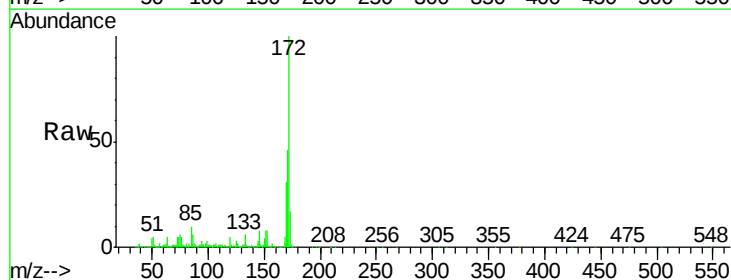
Manual Integrations
 APPROVED

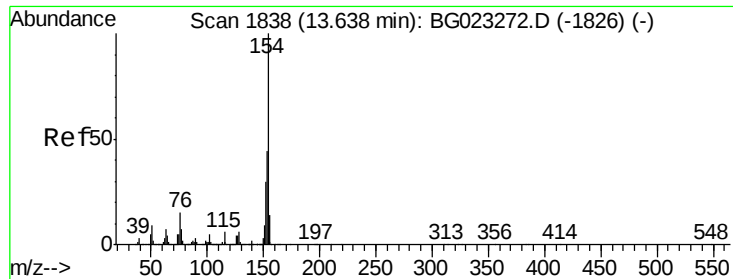
sohil
 8/1/2016 7:12:21 PM



#44
 2-Fluorobiphenyl
 Concen: 97.91 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion:	172	Resp:	2668302
Ion Ratio	Lower	Upper	
172	100		
171	46.1	31.6	47.4
170	31.1	21.3	31.9





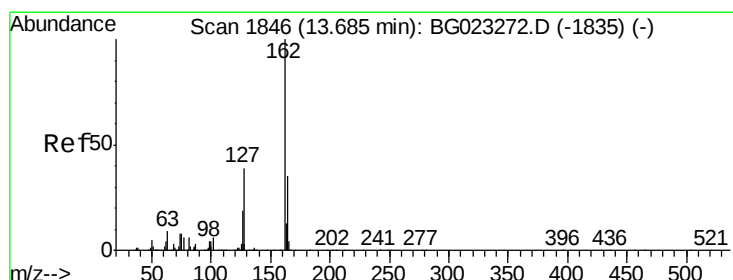
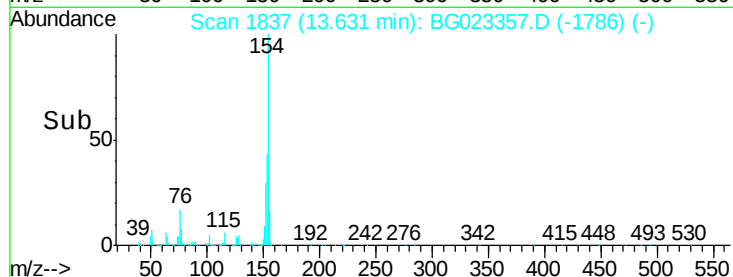
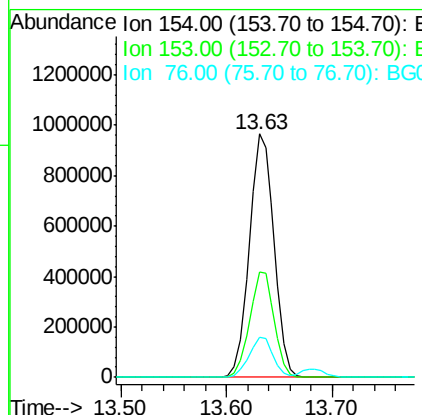
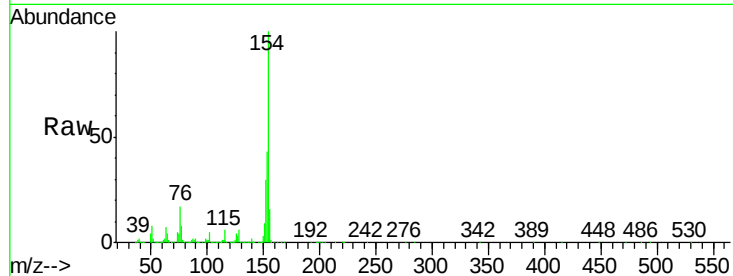
#45
 1,1'-Biphenyl
 Concen: 43.96 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	20.2	60.2
76	16.6	0.0	32.9

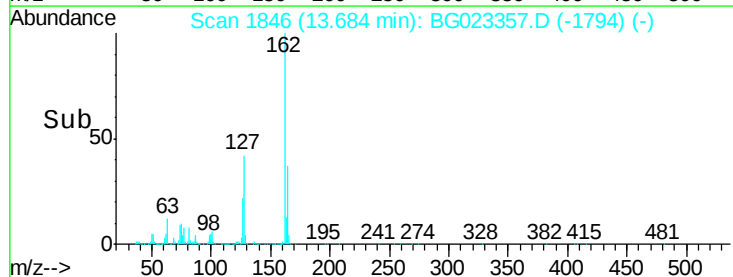
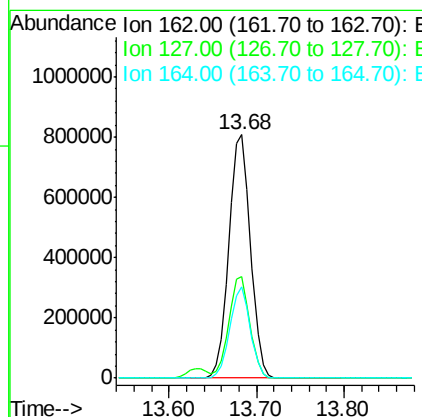
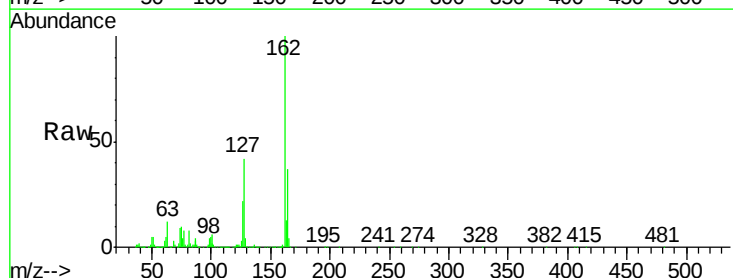
Manual Integrations
 APPROVED

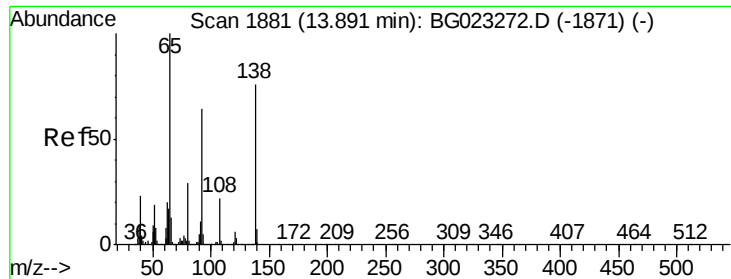
sohil
 8/1/2016 7:12:21 PM



#46
 2-Chloronaphthalene
 Concen: 47.75 ng
 RT: 13.68 min Scan# 1846
 Delta R.T. 0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	32.4	48.6
164	37.3	25.2	37.8





#47

2-Nitroaniline

Concen: 47.73 ng

RT: 13.89 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

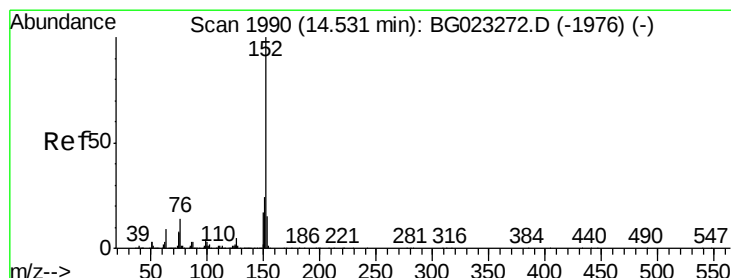
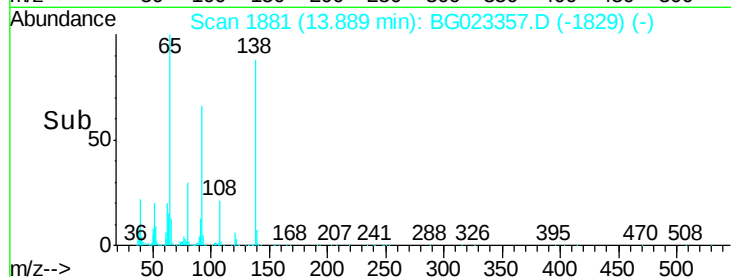
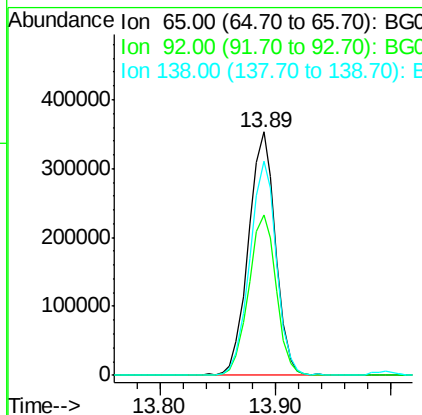
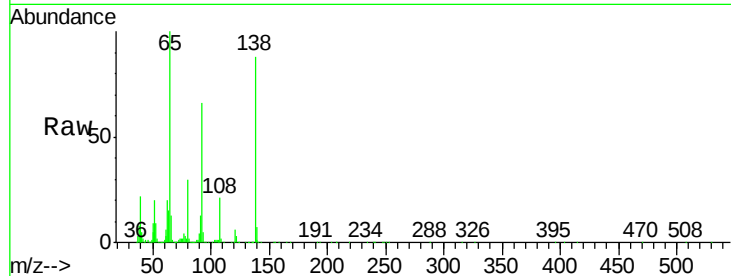
ClientSampleId :

PB92565BSD

Tgt Ion:	65	Resp:	575639
Ion Ratio	Lower	Upper	
65	100		
92	65.9	49.4	74.0
138	88.1	58.0	87.0#

Manual Integrations
APPROVED

sohil
8/1/2016 7:12:21 PM



#48

Acenaphthylene

Concen: 48.38 ng

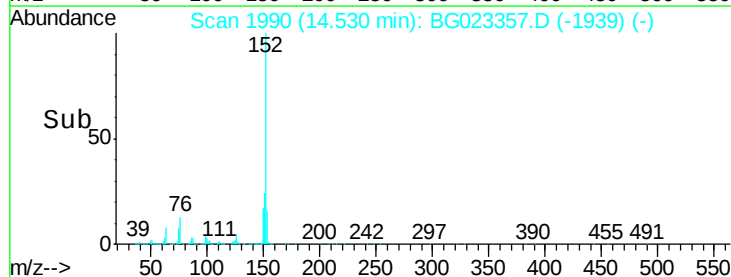
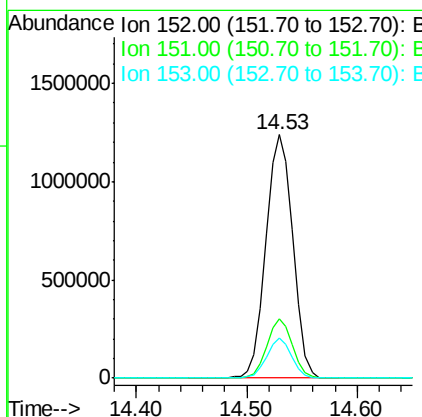
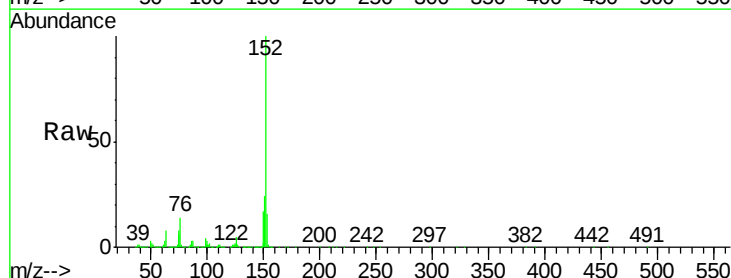
RT: 14.53 min Scan# 1990

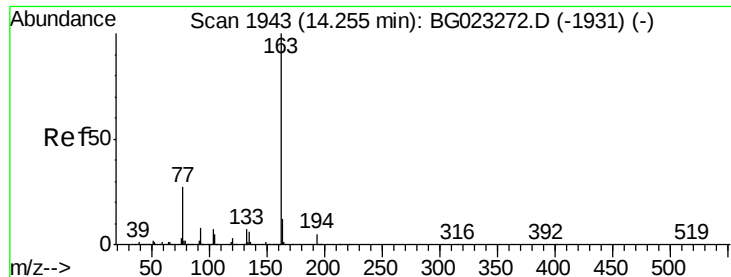
Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Tgt Ion:	152	Resp:	2111615
Ion Ratio	Lower	Upper	
152	100		
151	24.3	17.6	26.4
153	16.5	11.4	17.2





#49

Dimethylphthalate

Concen: 46.40 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

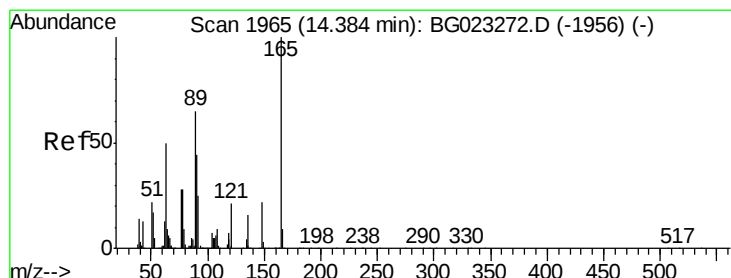
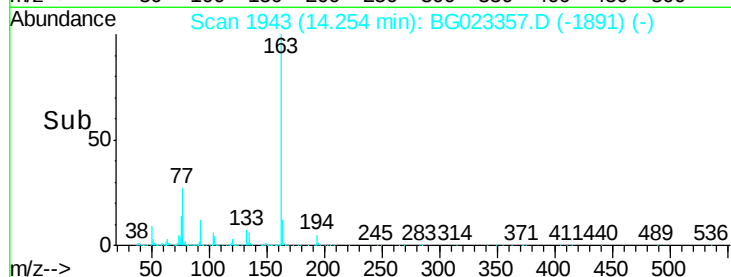
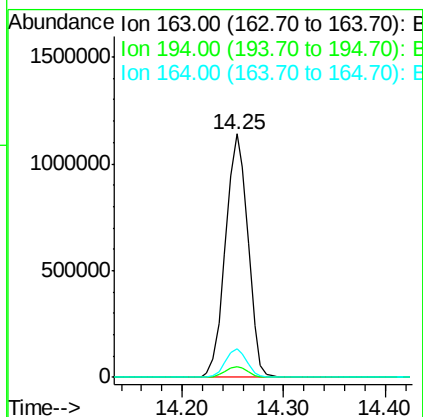
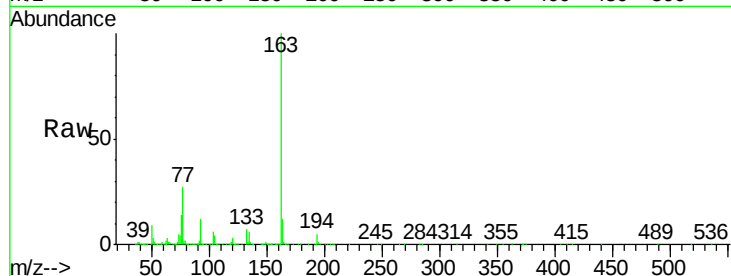
ClientSampleId :

PB92565BSD

Tgt Ion:	163	Resp:	1746526
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	11.7	8.1	12.1

Manual Integrations
APPROVED

sohil
8/1/2016 7:12:21 PM



#50

2,6-Dinitrotoluene

Concen: 48.49 ng

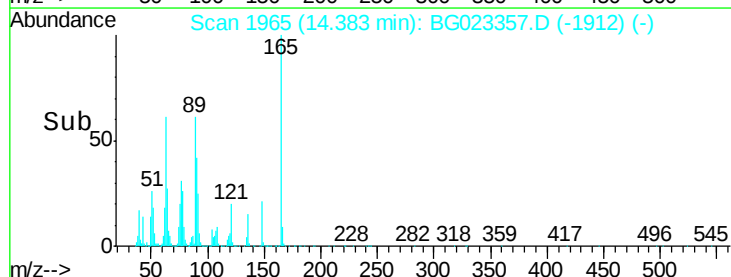
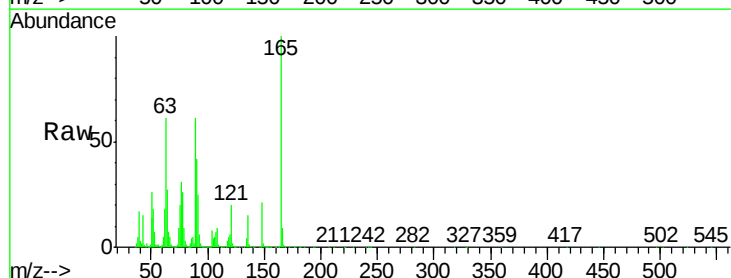
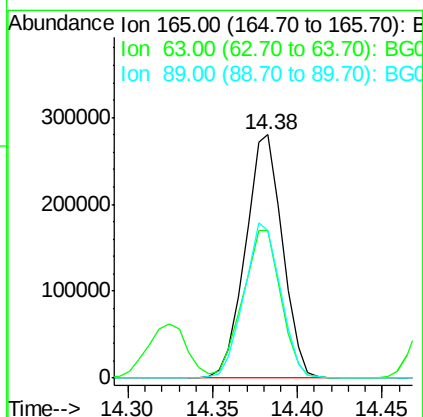
RT: 14.38 min Scan# 1965

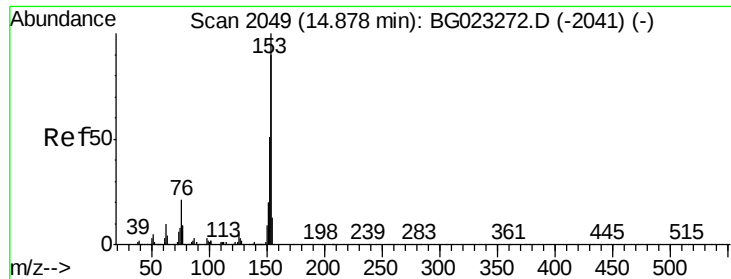
Delta R.T. 0.01 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Tgt Ion:	165	Resp:	427423
Ion	Ratio	Lower	Upper
165	100		
63	60.6	64.3	96.5#
89	60.7	64.3	96.5#





#51

Acenaphthene

Concen: 48.28 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

PB92565BSD

Tgt Ion:154 Resp: 1366828

Ion Ratio Lower Upper

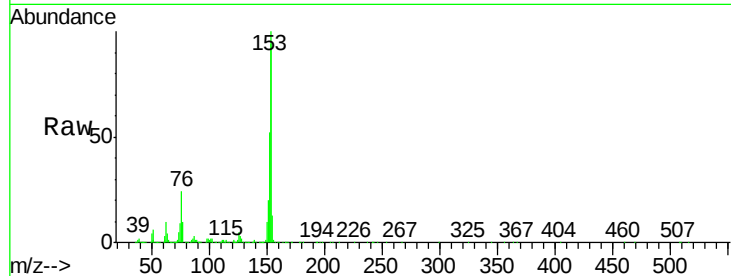
154 100

153 106.1 87.5 131.3

152 55.0 42.7 64.1

Manual Integrations
APPROVED

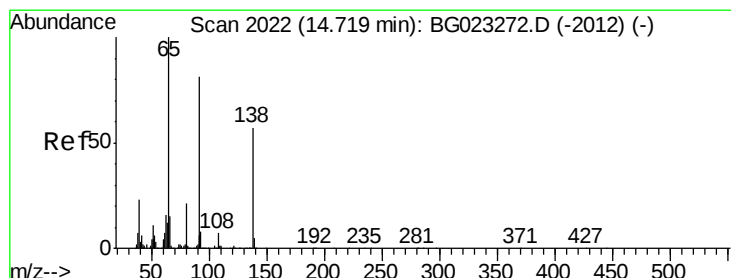
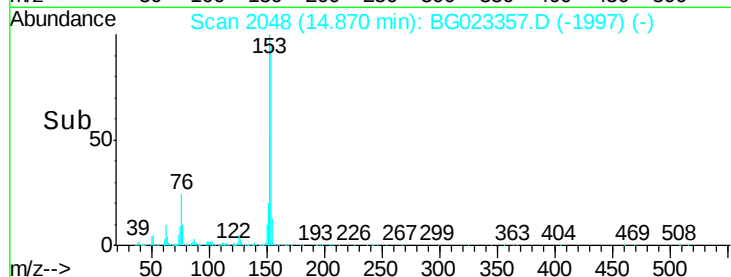
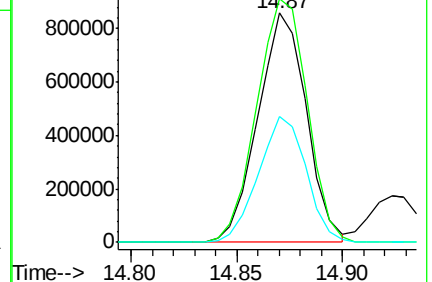
sohil
8/1/2016 7:12:21 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.20 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

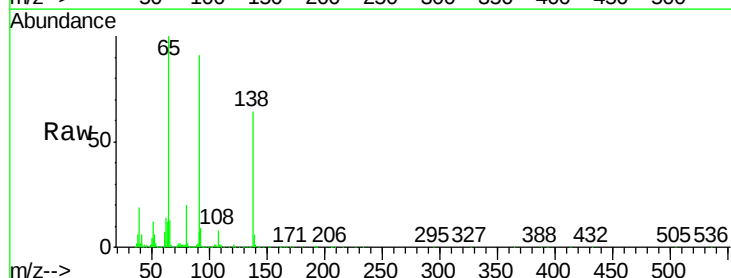
Tgt Ion:138 Resp: 223711

Ion Ratio Lower Upper

138 100

108 11.9 11.7 17.5

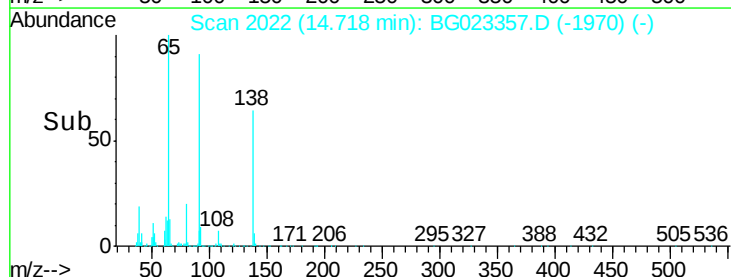
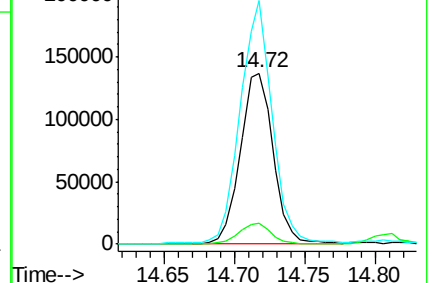
92 142.2 129.7 194.5

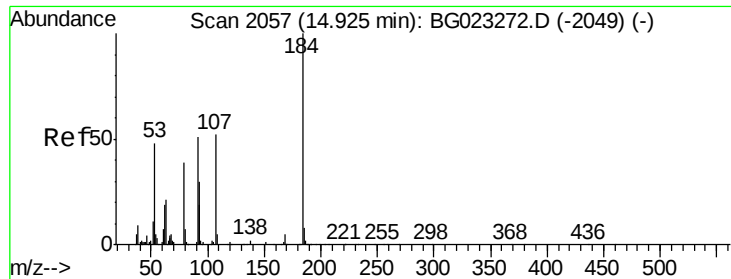


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





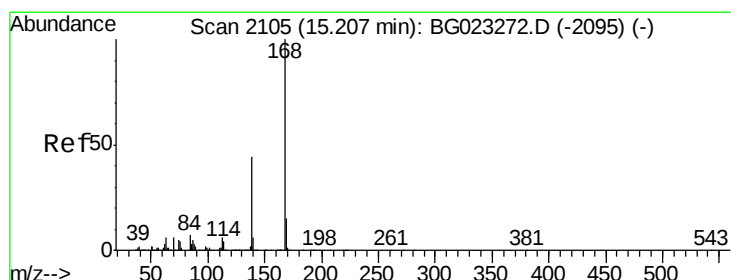
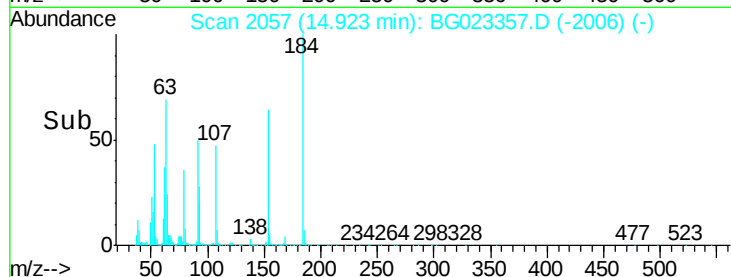
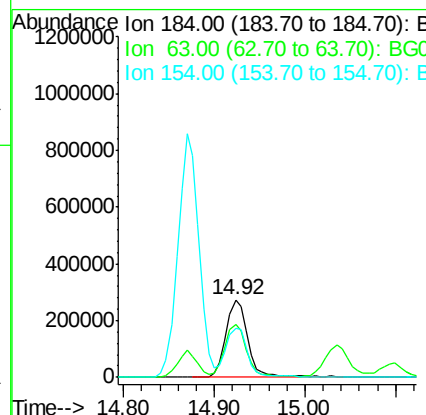
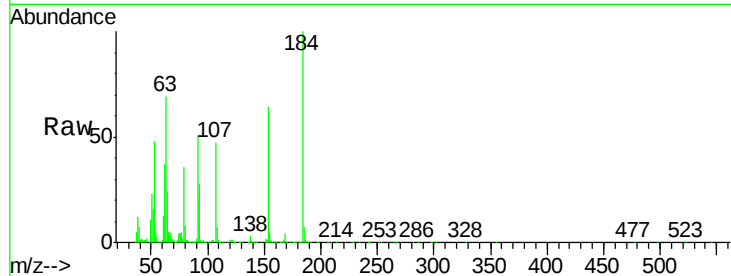
#53
2,4-Dinitrophenol
Concen: 89.66 ng
RT: 14.92 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampleId :
PB92565BSD

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.7	59.6	89.4
154	64.1	67.4	101.0

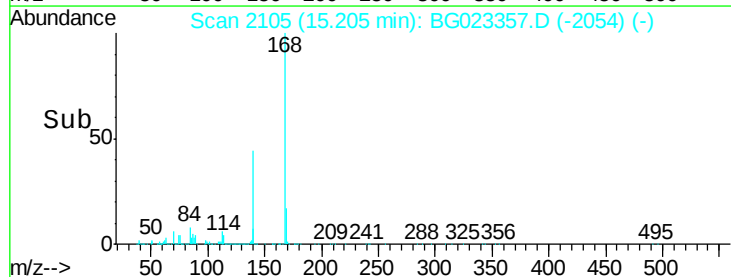
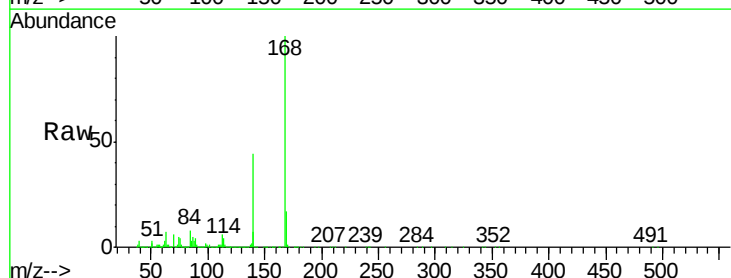
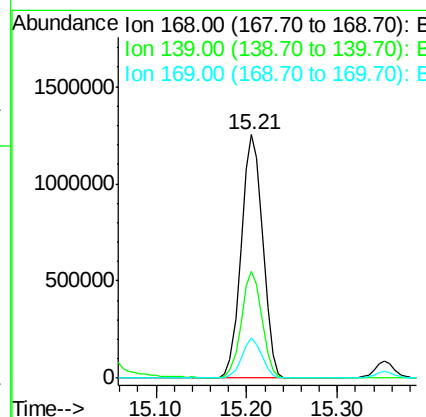
Manual Integrations
APPROVED

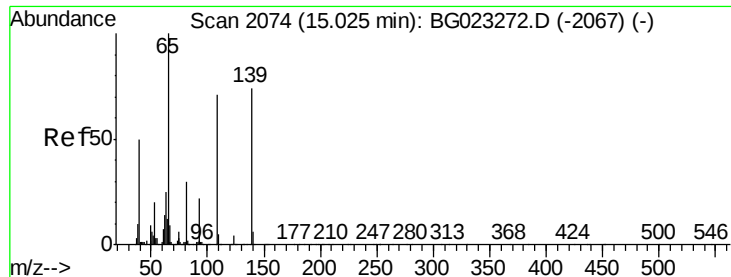
sohil
8/1/2016 7:12:21 PM



#54
Dibenzofuran
Concen: 51.72 ng
RT: 15.21 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.6	36.4	54.6
169	16.6	11.9	17.9





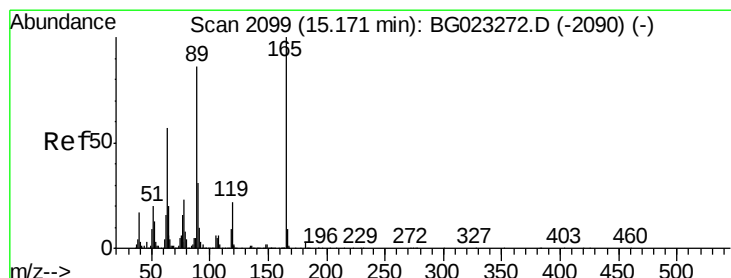
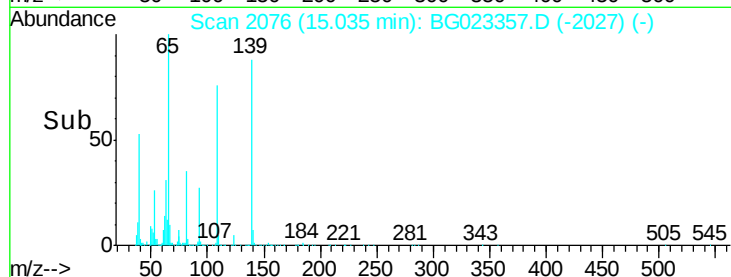
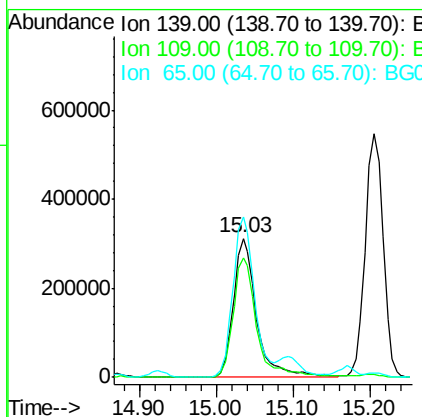
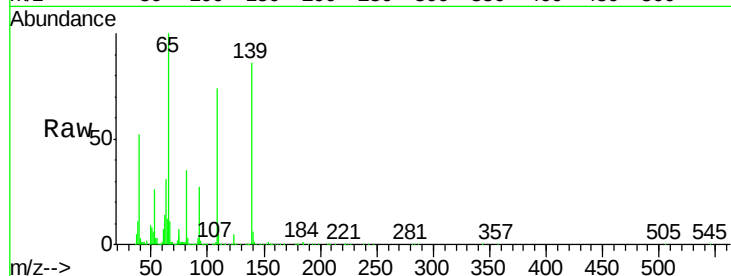
#55
4-Nitrophenol
Concen: 85.77 ng
RT: 15.03 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampleId :
PB92565BSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.8	103.0	143.0#
65	115.7	112.7	152.7

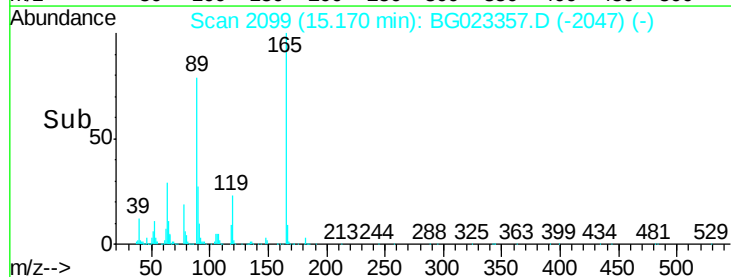
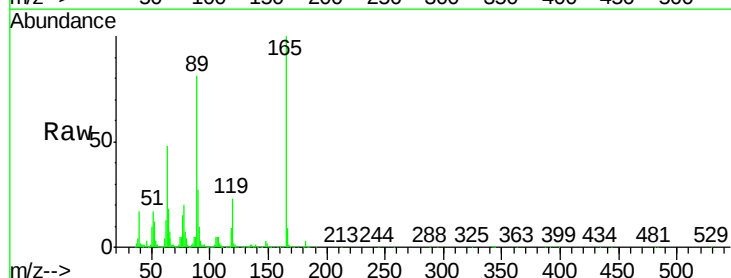
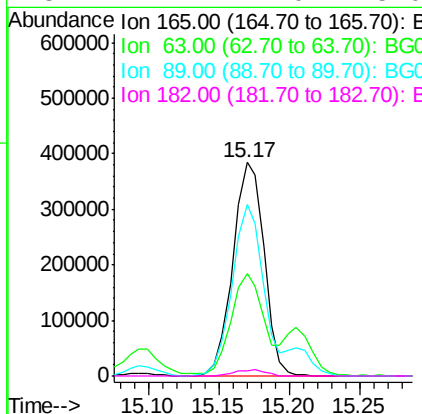
Manual Integrations
APPROVED

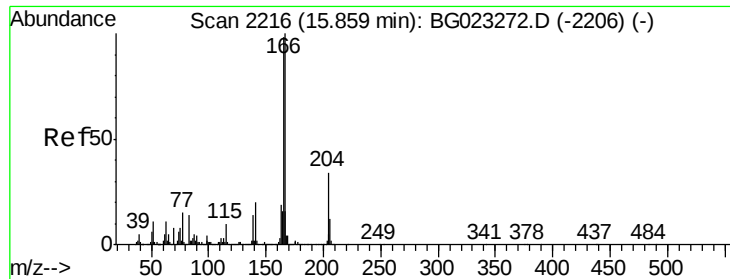
sohil
8/1/2016 7:12:21 PM



#56
2,4-Dinitrotoluene
Concen: 47.71 ng
RT: 15.17 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.1	45.8	68.6
89	80.6	68.6	102.8
182	2.7	2.0	3.0





#57

Fluorene

Concen: 47.28 ng

RT: 15.86 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

PB92565BSD

Tgt Ion:166 Resp: 1672286

Ion Ratio Lower Upper

166 100

165 96.7 81.0 121.6

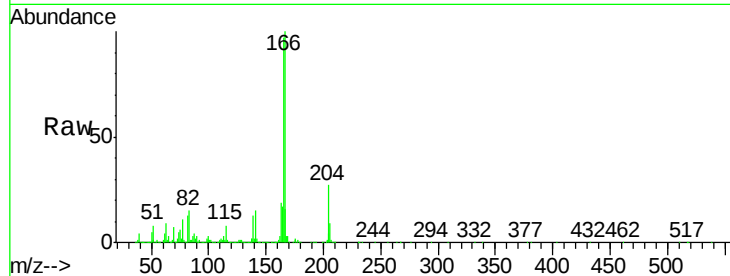
167 16.0 12.0 18.0

Manual Integrations

APPROVED

sohil

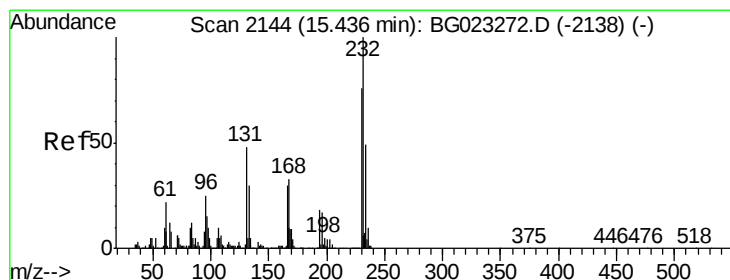
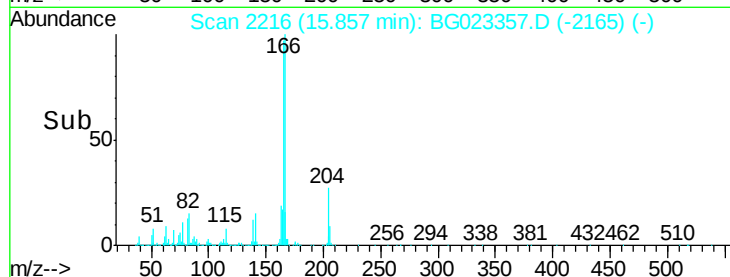
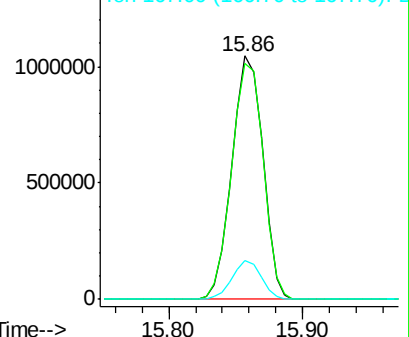
8/1/2016 7:12:21 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 58.56 ng

RT: 15.43 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Tgt Ion:232 Resp: 510130

Ion Ratio Lower Upper

232 100

131 44.8 32.7 49.1

130 2.8 2.6 3.8

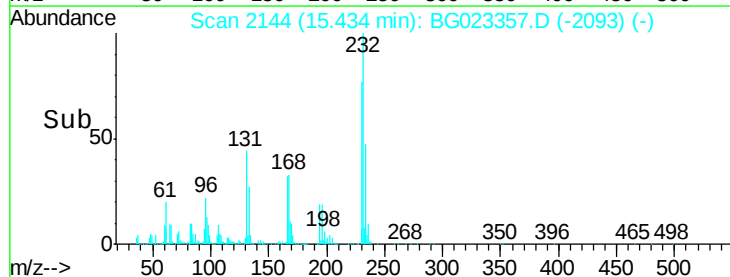
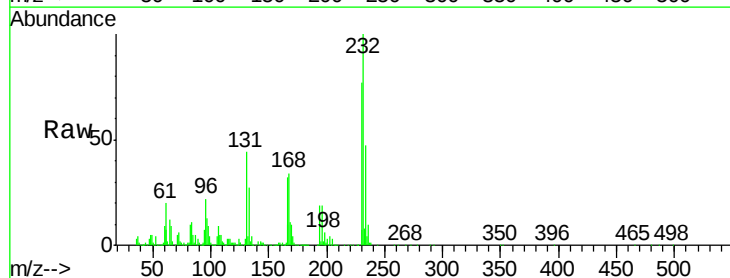
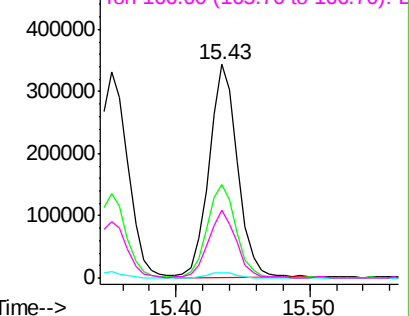
166 31.2 23.0 34.6

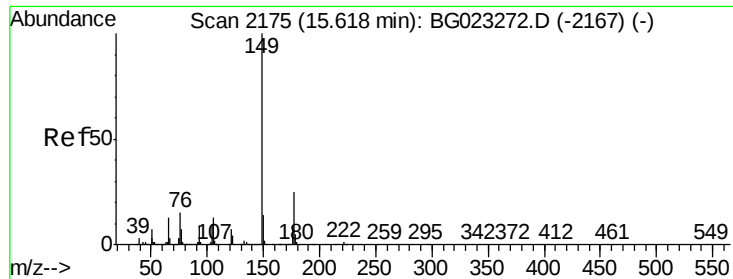
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





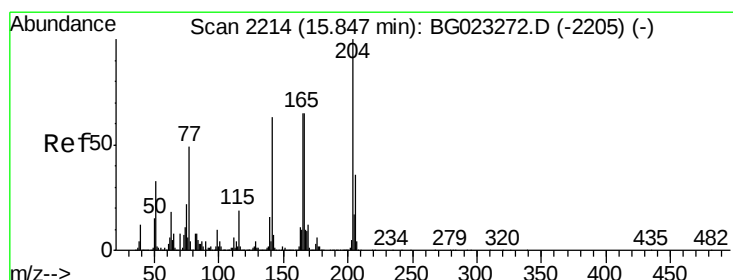
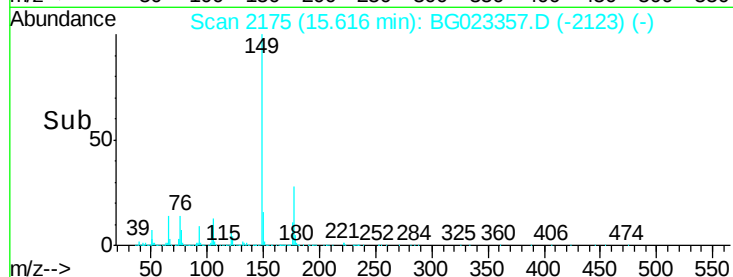
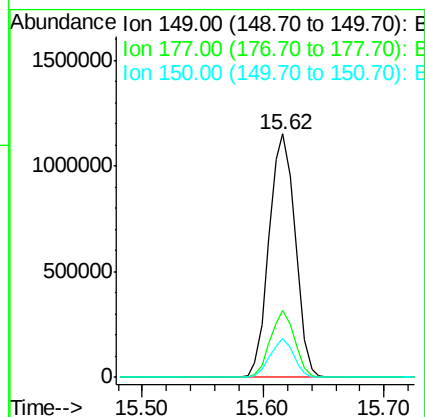
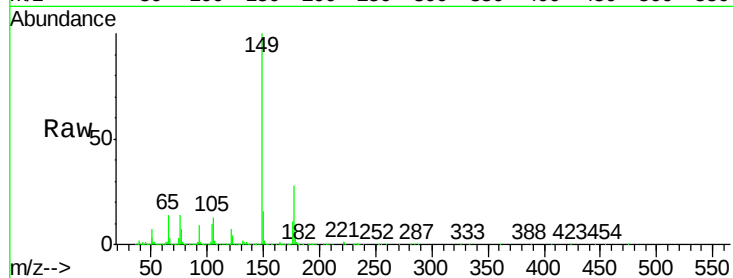
#59
Diethylphthalate
Concen: 44.58 ng
RT: 15.62 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampleId :
PB92565BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	27.8	19.2	28.8
150	15.9	10.6	16.0

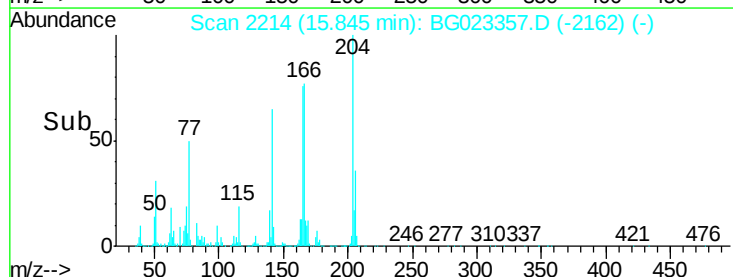
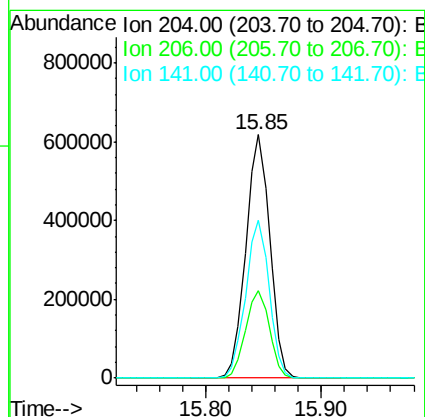
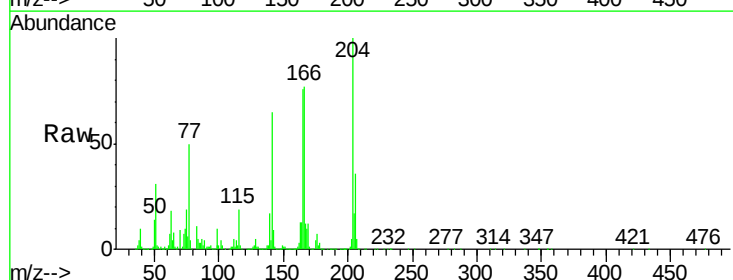
Manual Integrations
APPROVED

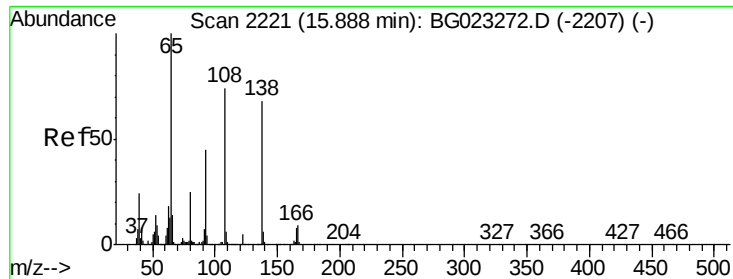
sohil
8/1/2016 7:12:21 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.44 ng
RT: 15.85 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.8	28.5	42.7
141	64.7	51.4	77.0





#61

4-Nitroaniline

Concen: 47.42 ng

RT: 15.89 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

PB92565BSD

Tgt Ion:138 Resp: 441467
Ion Ratio Lower Upper

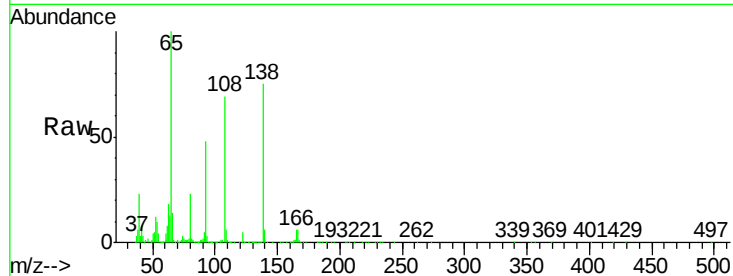
138 100

92 63.5 54.1 94.1

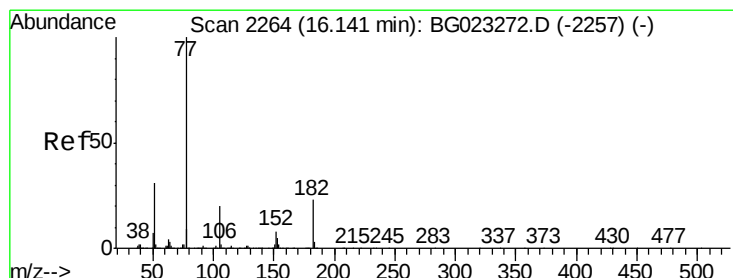
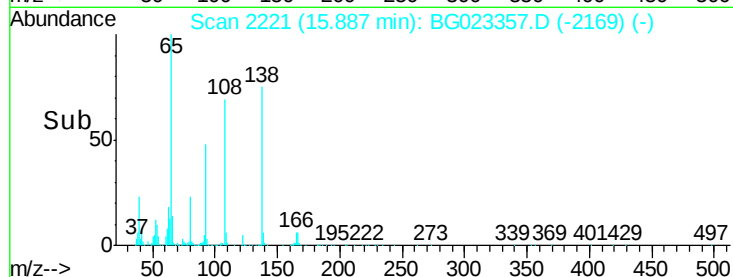
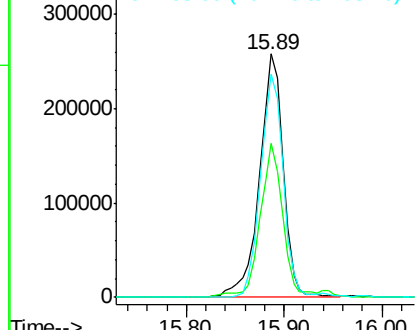
108 91.9 133.9 173.9#

Manual Integrations
APPROVED

sohil
8/1/2016 7:12:21 PM



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.38 ng

RT: 16.14 min Scan# 2264

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Tgt Ion: 77 Resp: 1934044
Ion Ratio Lower Upper

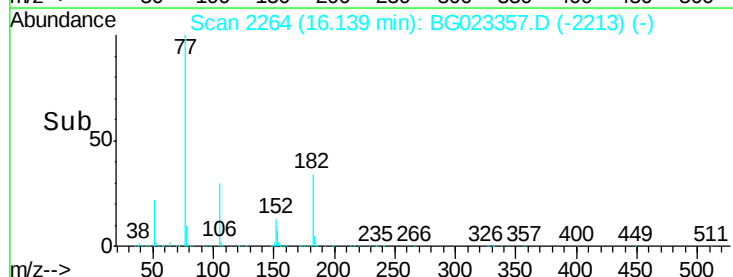
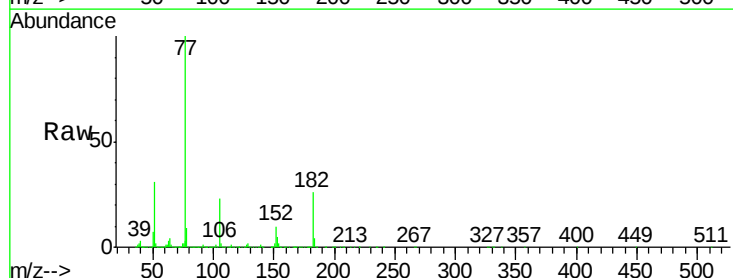
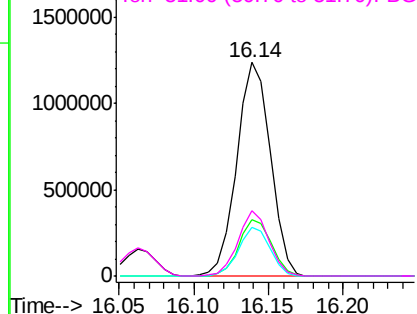
77 100

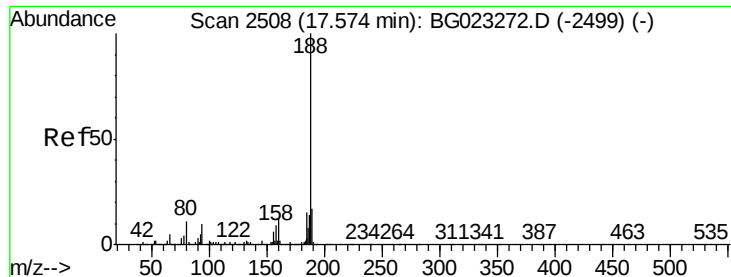
182 26.2 3.5 43.5

105 22.8 0.0 38.5

51 30.7 17.1 57.1

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

PB92565BSD

Tgt Ion:188 Resp: 1099974

Ion Ratio Lower Upper

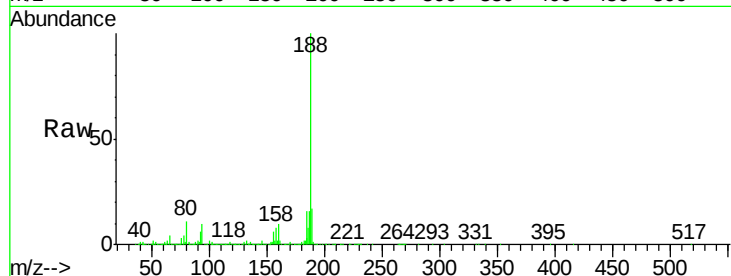
188 100

94 10.4 5.2 7.8#

80 11.4 7.2 10.8#

Manual Integrations
APPROVED

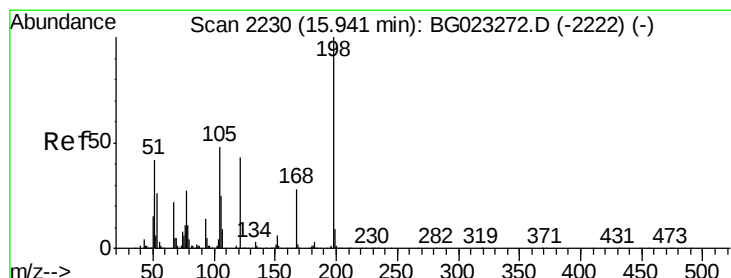
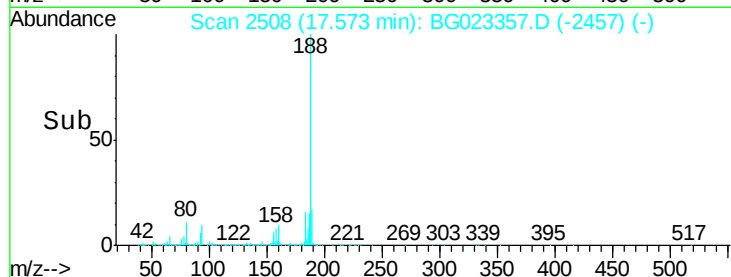
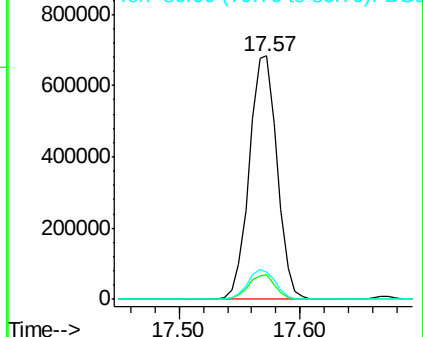
sohil
8/1/2016 7:12:21 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 50.23 ng

RT: 15.94 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

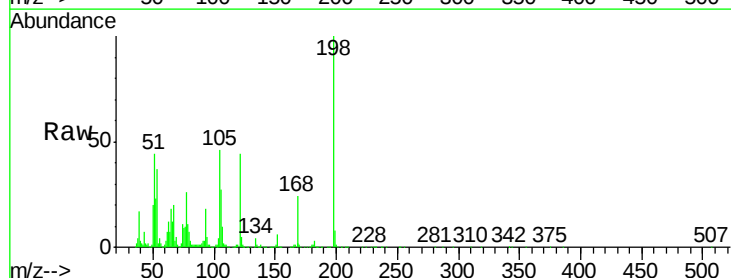
Tgt Ion:198 Resp: 354897

Ion Ratio Lower Upper

198 100

51 44.5 26.0 66.0

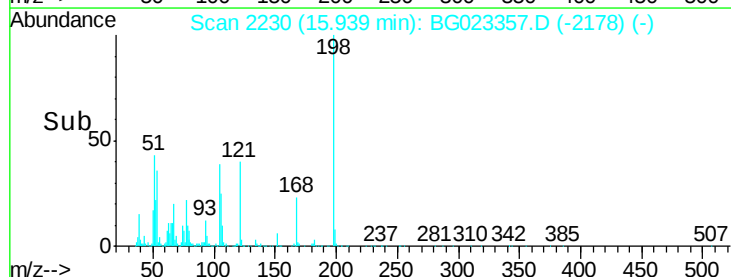
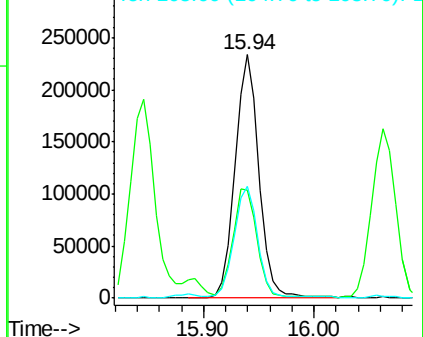
105 46.1 20.1 60.1

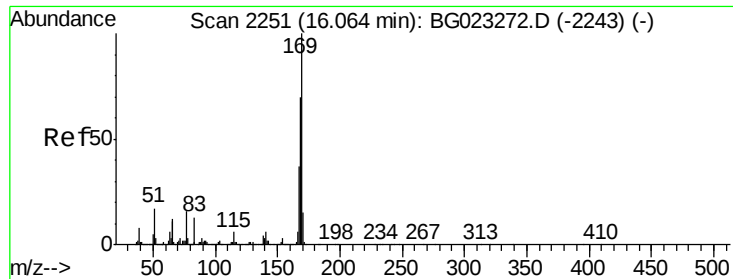


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 52.41 ng

RT: 16.06 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

PB92565BSD

Tgt Ion:169 Resp: 1539086

Ion Ratio Lower Upper

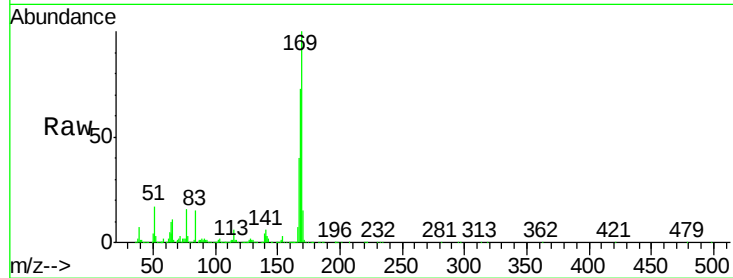
169 100

168 73.0 55.0 82.4

167 40.0 27.4 41.0

Manual Integrations
APPROVED

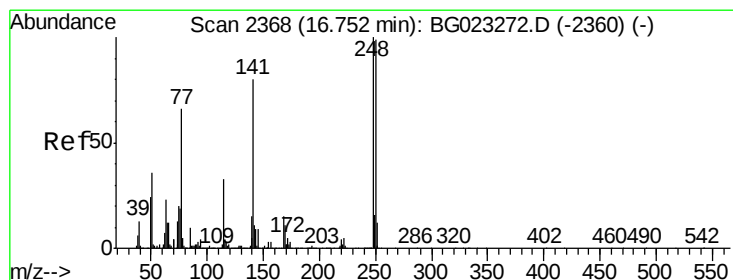
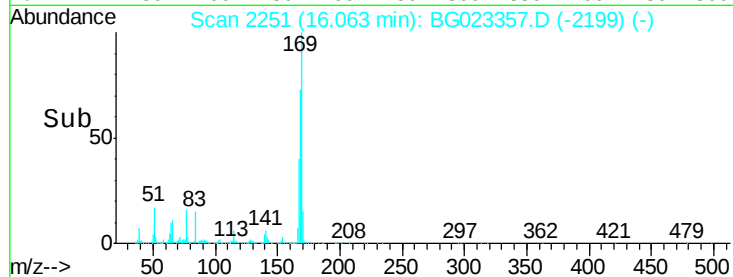
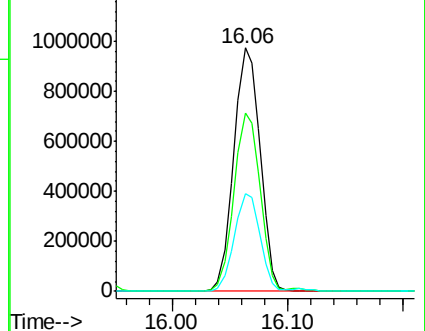
sohil
8/1/2016 7:12:21 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 54.31 ng

RT: 16.74 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

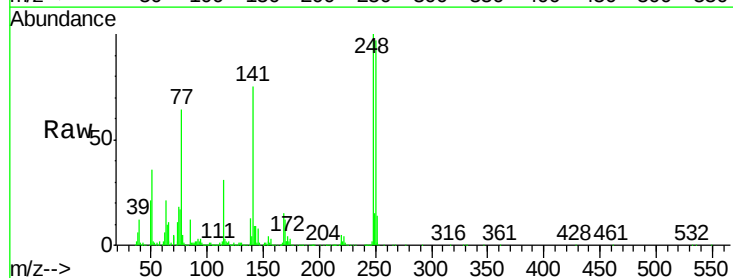
Tgt Ion:248 Resp: 604079

Ion Ratio Lower Upper

248 100

250 97.1 77.8 116.8

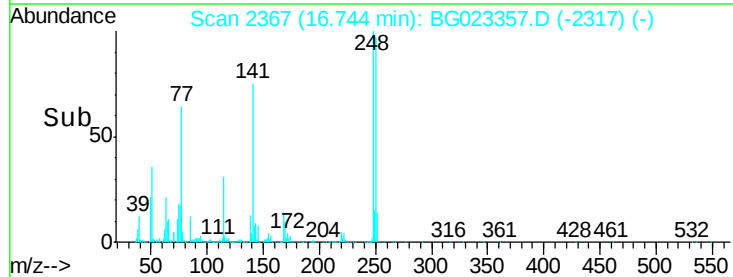
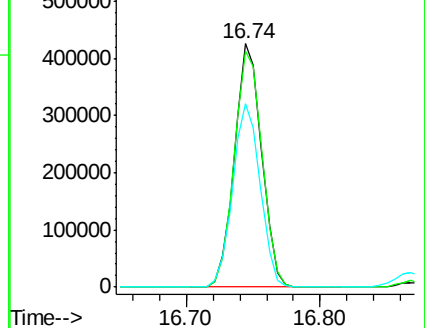
141 75.4 65.7 98.5

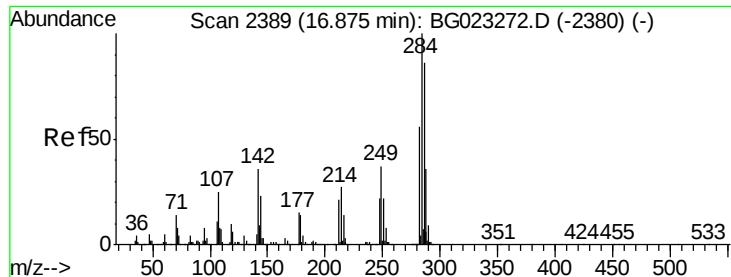


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 57.11 ng

RT: 16.87 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

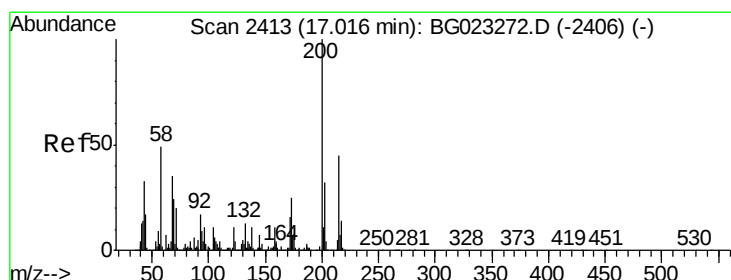
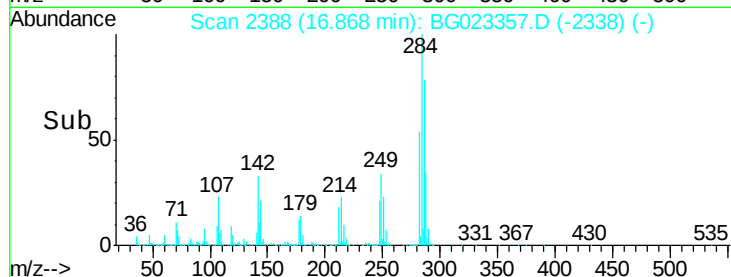
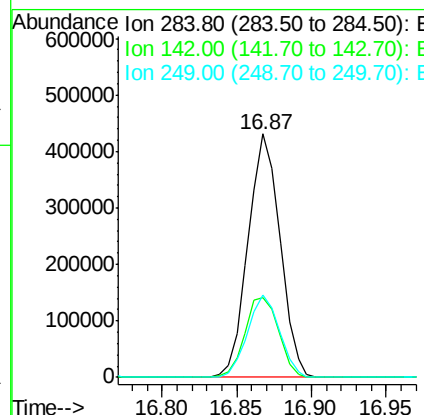
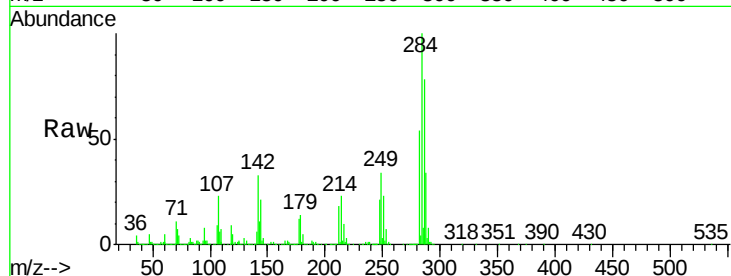
ClientSampleId :

PB92565BSD

Tgt Ion:	284	Resp:	638651
Ion Ratio		Lower	Upper
284	100		
142	33.0	26.8	40.2
249	34.1	28.9	43.3

Manual Integrations
APPROVED

sohil
8/1/2016 7:12:21 PM



#68

Atrazine

Concen: 50.63 ng

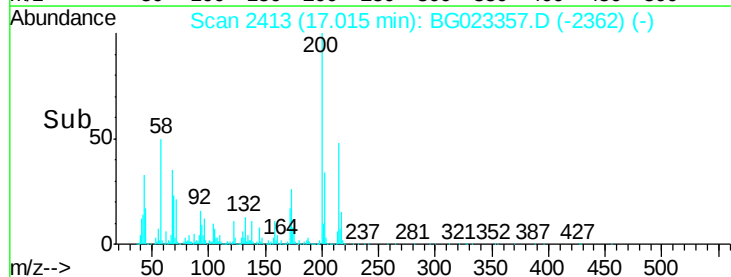
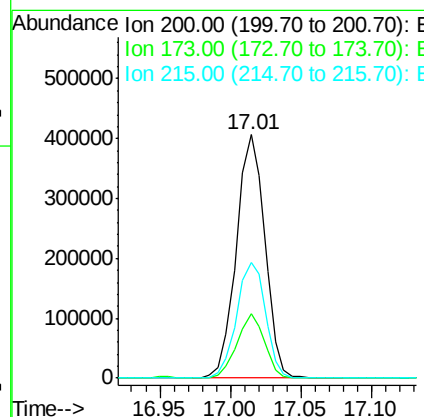
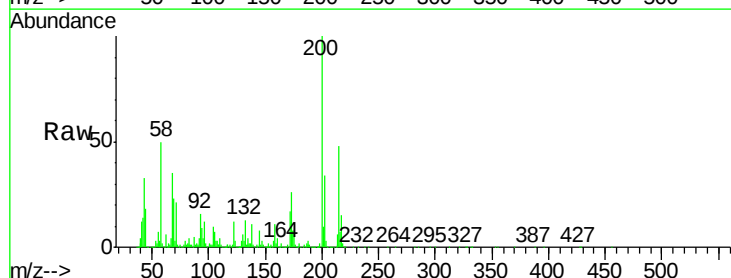
RT: 17.01 min Scan# 2413

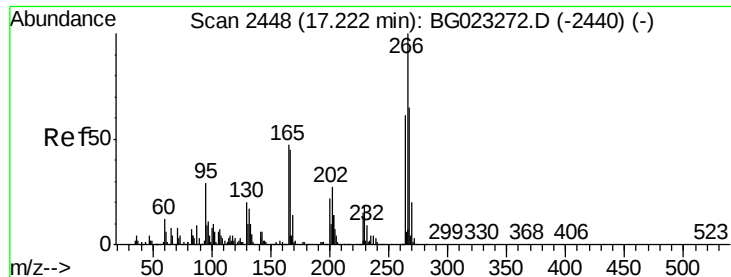
Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Tgt Ion:	200	Resp:	570388
Ion Ratio		Lower	Upper
200	100		
173	26.2	1.6	41.6
215	47.7	28.7	68.7





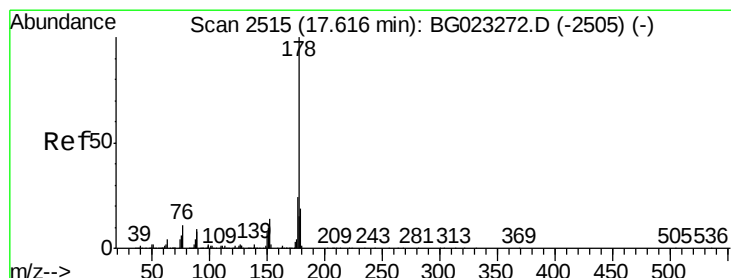
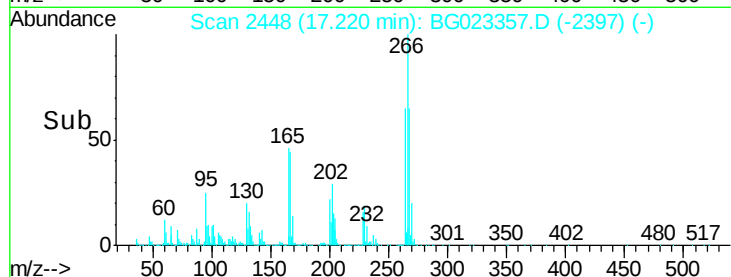
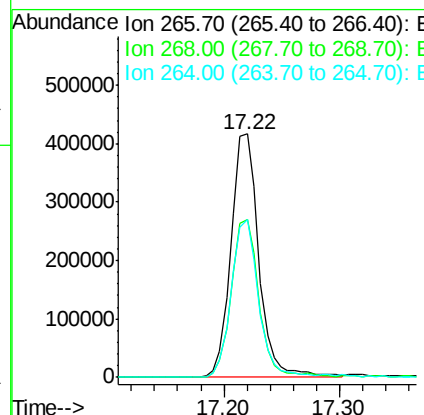
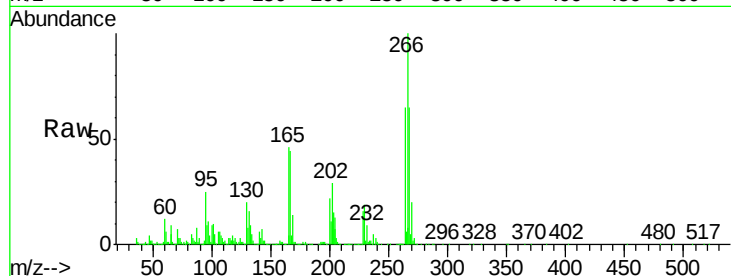
#69
 Pentachlorophenol
 Concen: 101.39 ng
 RT: 17.22 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.9	77.9
264	64.8	50.6	75.8

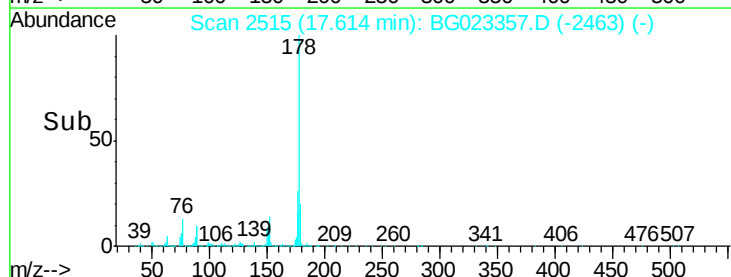
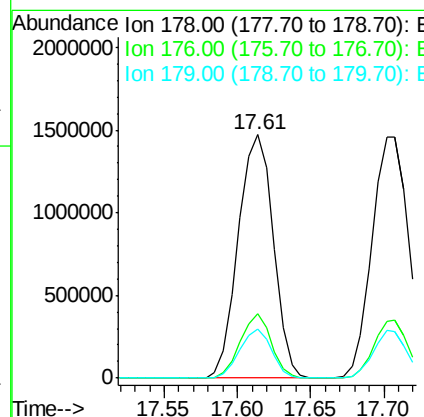
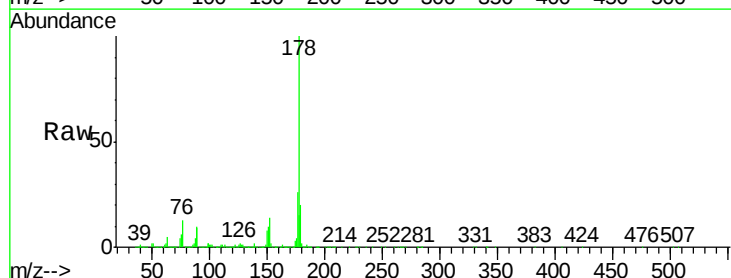
Manual Integrations
 APPROVED

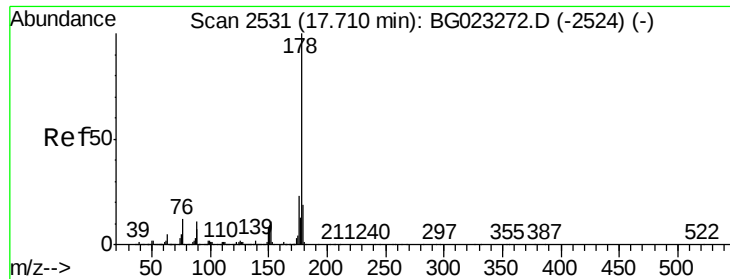
sohil
 8/1/2016 7:12:21 PM



#70
 Phenanthrene
 Concen: 51.13 ng m
 RT: 17.61 min Scan# 2515
 Delta R.T. 0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	26.2	16.8	25.2#
179	20.0	14.3	21.5





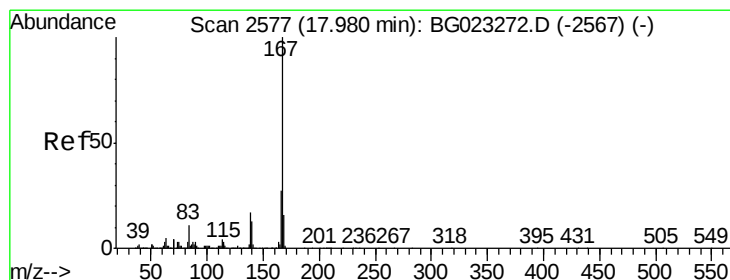
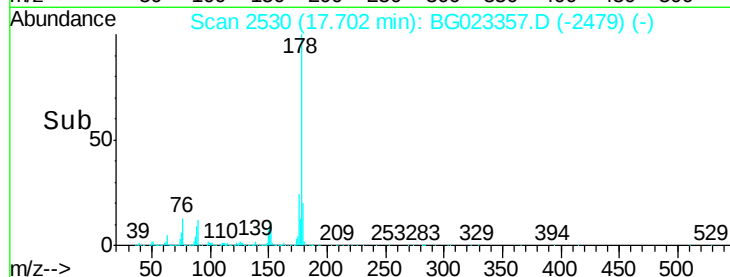
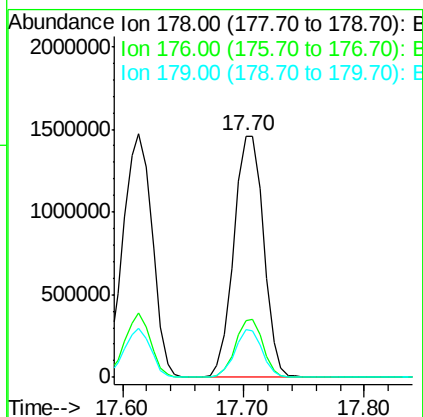
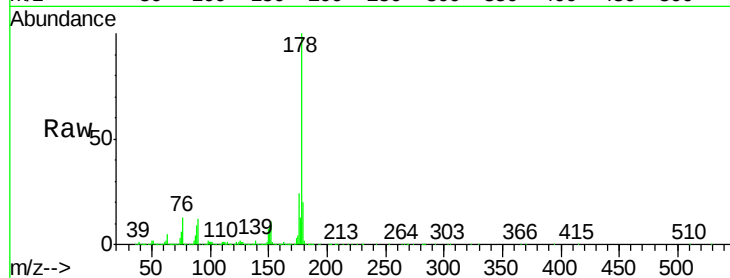
#71
 Anthracene
 Concen: 51.76 ng
 RT: 17.70 min Scan# 2530
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.6	17.3	25.9
179	19.8	14.0	21.0

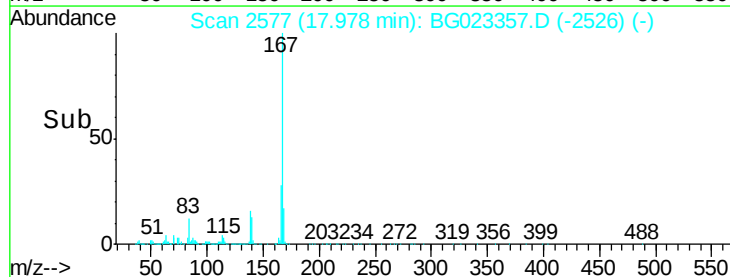
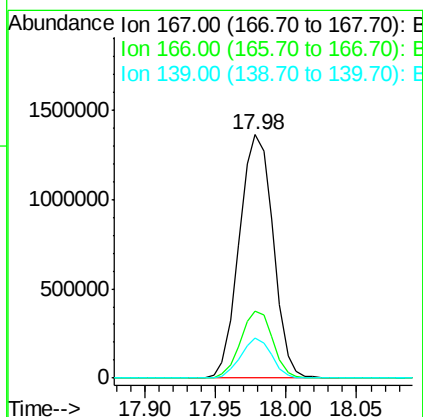
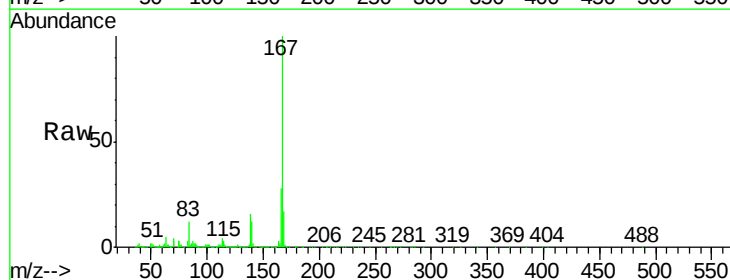
Manual Integrations
 APPROVED

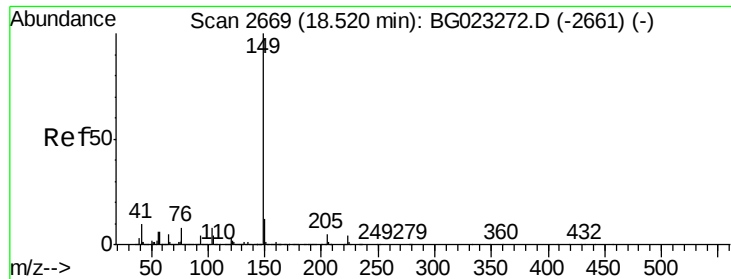
sohil
 8/1/2016 7:12:21 PM



#72
 Carbazole
 Concen: 51.51 ng
 RT: 17.98 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	27.7	20.7	31.1
139	16.5	11.9	17.9





#73

Di-n-butylphthalate

Concen: 51.68 ng

RT: 18.52 min Scan# 2669

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

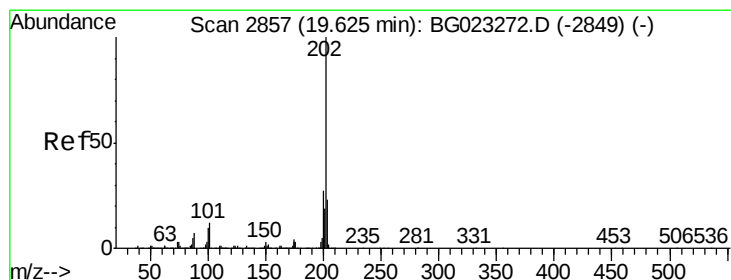
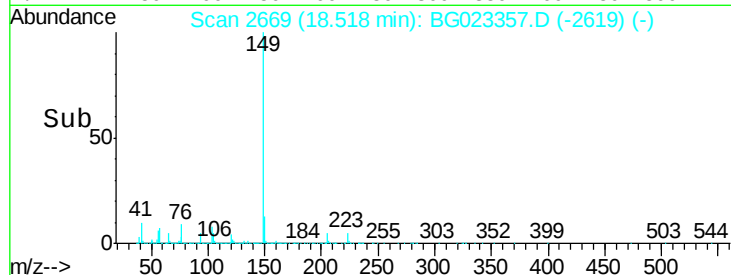
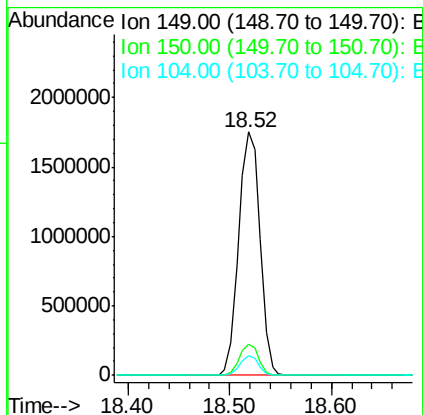
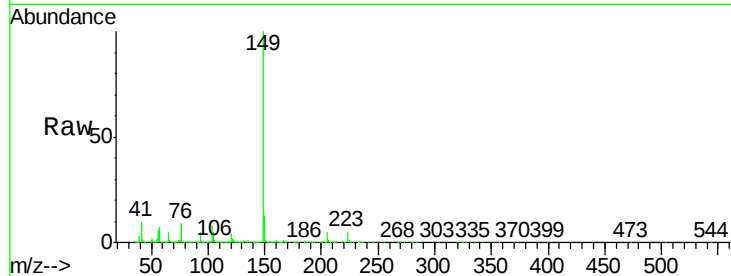
ClientSampleId :

PB92565BSD

Tgt Ion:	149	Resp:	2567131
Ion	Ratio	Lower	Upper
149	100		
150	13.0	9.1	13.7
104	8.2	6.9	10.3

Manual Integrations
APPROVED

sohil
8/1/2016 7:12:21 PM



#74

Fluoranthene

Concen: 48.38 ng

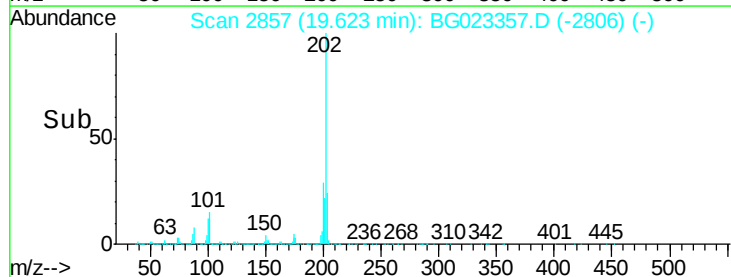
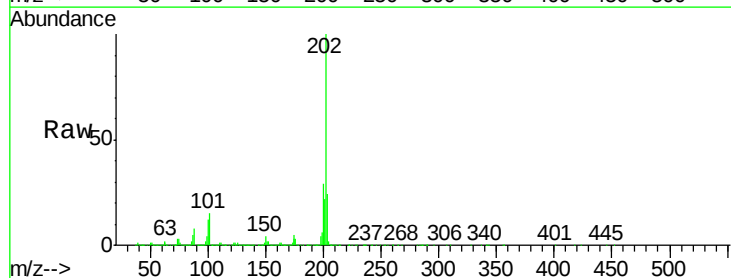
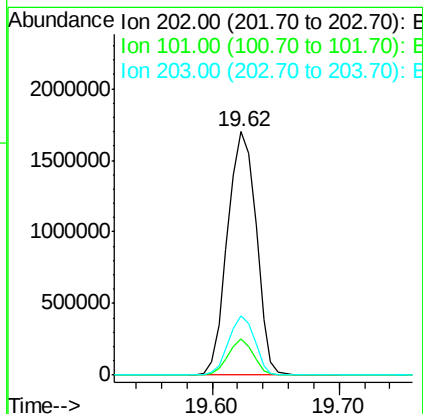
RT: 19.62 min Scan# 2857

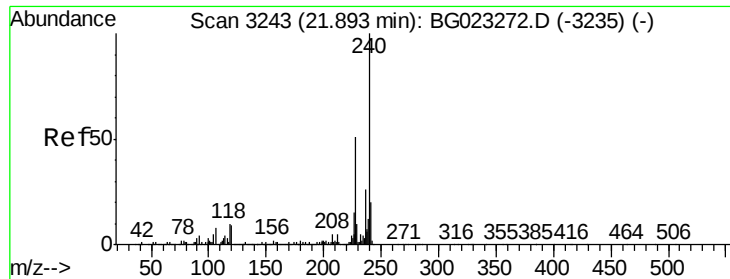
Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Tgt Ion:	202	Resp:	2656635
Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	27.4
203	24.4	1.7	41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

PB92565BSD

Tgt Ion:240 Resp: 1121706

Ion Ratio Lower Upper

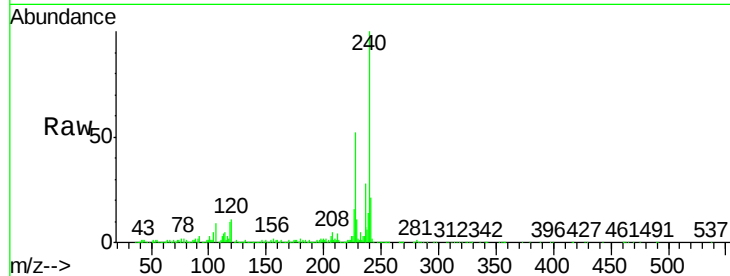
240 100

120 11.2 4.1 6.1#

236 28.4 21.1 31.7

Manual Integrations
APPROVED

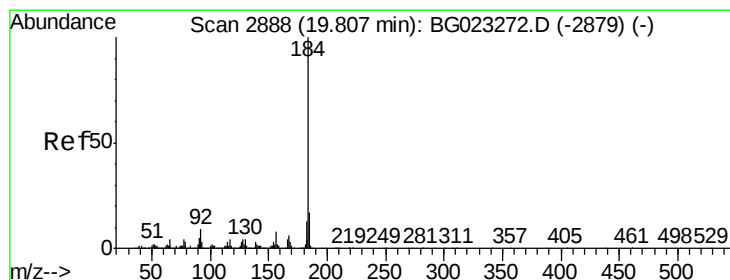
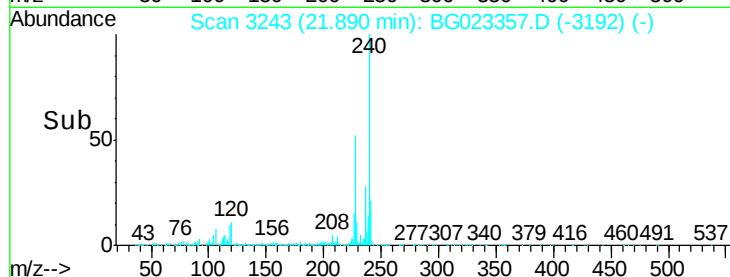
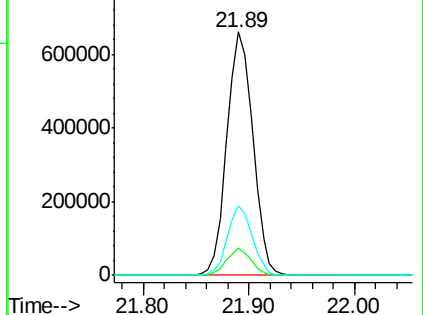
sohil
8/1/2016 7:12:21 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.40 ng

RT: 19.80 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

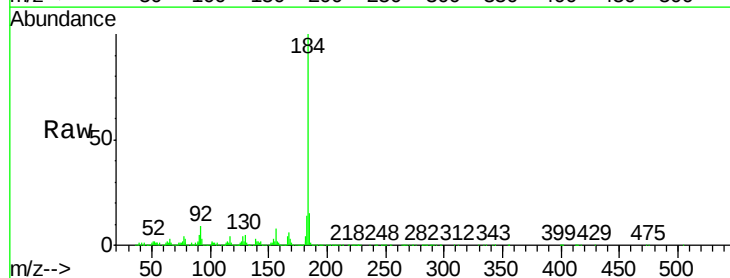
Tgt Ion:184 Resp: 1369372

Ion Ratio Lower Upper

184 100

185 15.1 12.6 19.0

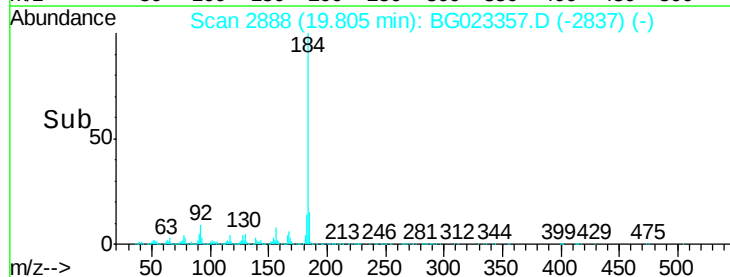
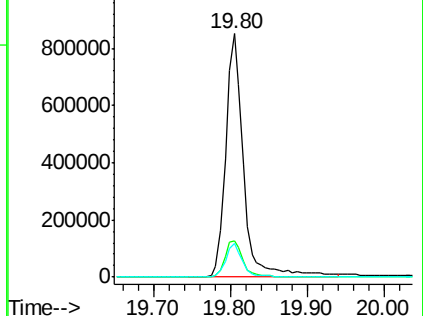
183 14.1 10.7 16.1

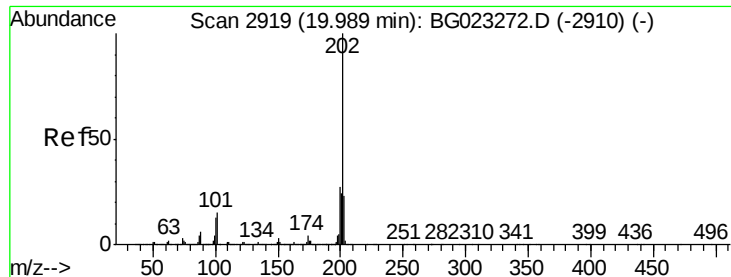


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





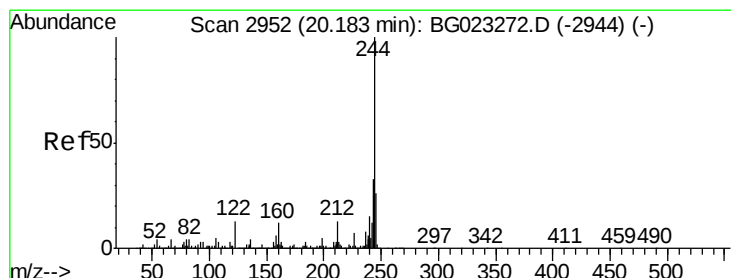
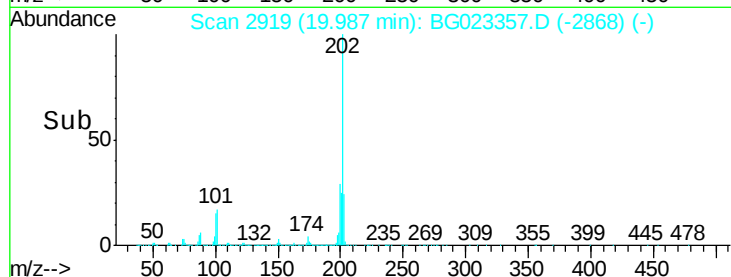
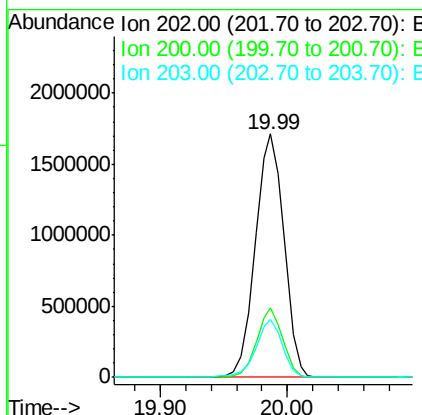
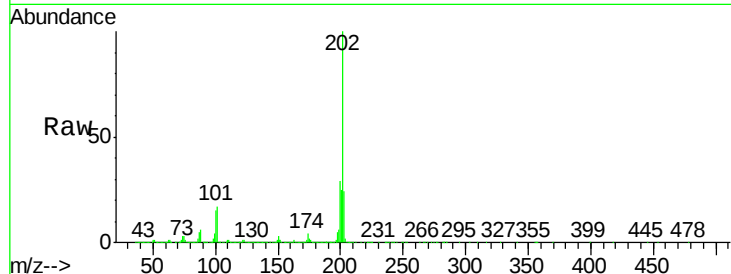
#77
 Pyrene
 Concen: 42.36 ng
 RT: 19.99 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	28.7	21.2	31.8
203	24.0	16.8	25.2

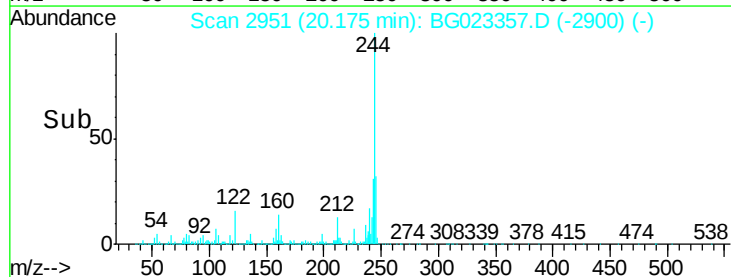
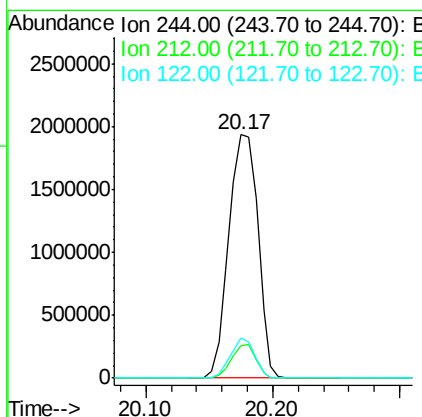
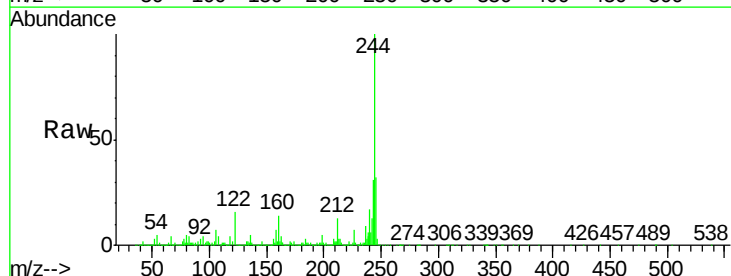
Manual Integrations
 APPROVED

sohil
 8/1/2016 7:12:21 PM



#78
 Terphenyl-d14
 Concen: 89.39 ng
 RT: 20.17 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.2	10.8	16.2
122	16.4	8.0	12.0





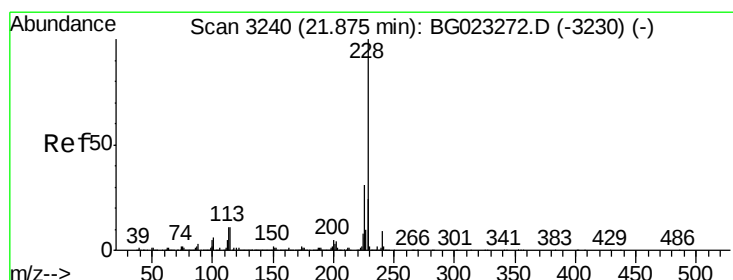
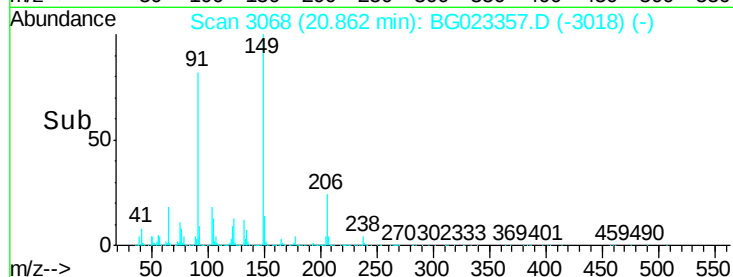
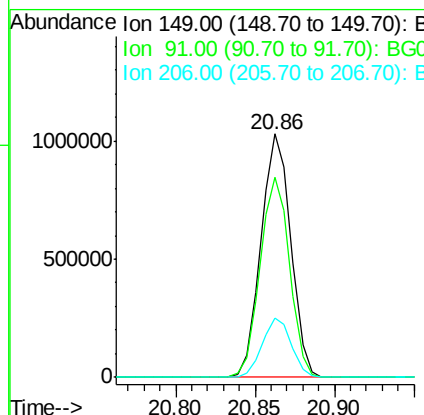
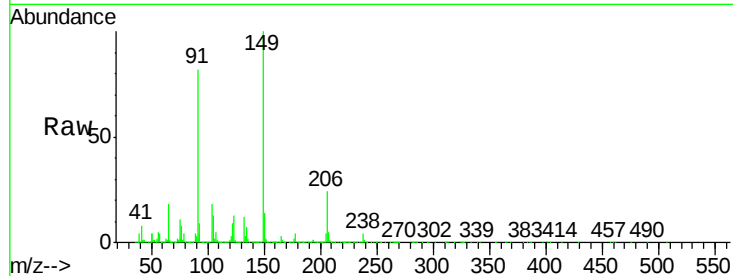
#79
Butylbenzylphthalate
Concen: 48.16 ng
RT: 20.86 min Scan# 3068
Delta R.T. -0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Instrument :
BNA_G
ClientSampleId :
PB92565BSD

Tgt Ion:149 Resp: 1348751
Ion Ratio Lower Upper
149 100
91 82.0 68.1 102.1
206 24.5 19.8 29.6

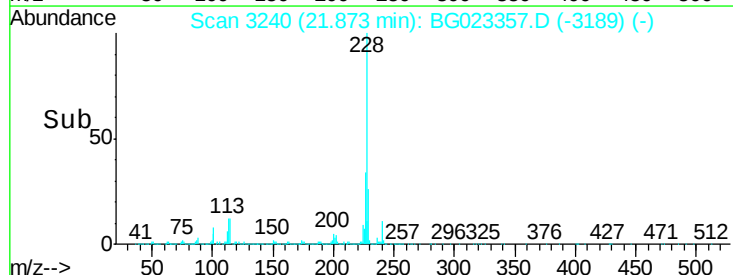
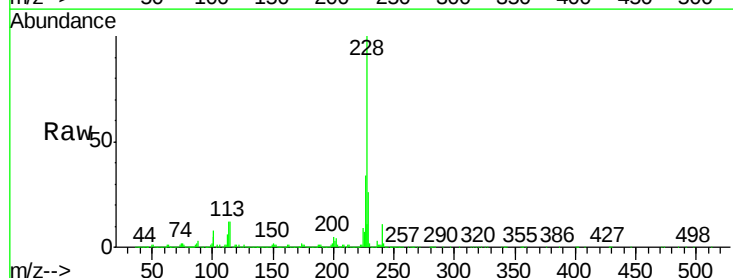
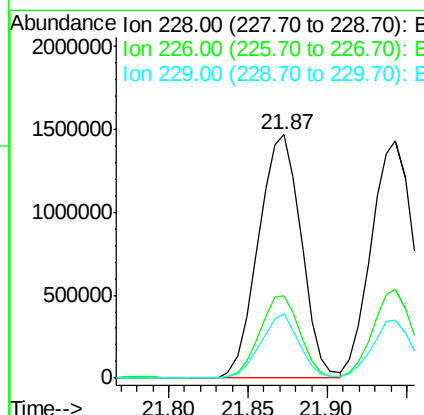
Manual Integrations
APPROVED

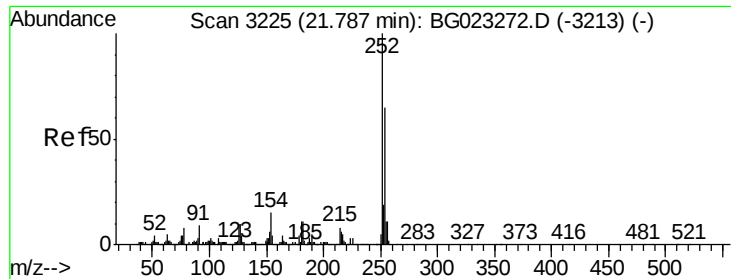
sohil
8/1/2016 7:12:21 PM



#80
Benzo(a)anthracene
Concen: 46.99 ng
RT: 21.87 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BG023357.D
Acq: 30 Jul 2016 14:46

Tgt Ion:228 Resp: 2759753
Ion Ratio Lower Upper
228 100
226 33.9 25.3 37.9
229 26.3 19.9 29.9





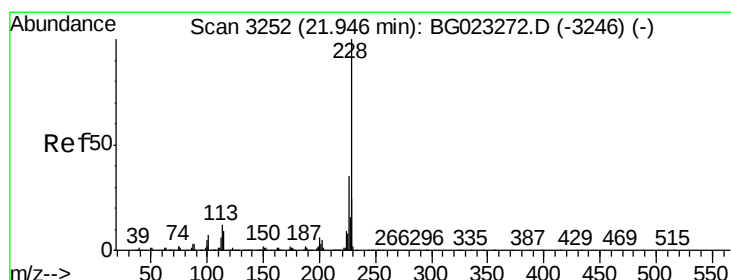
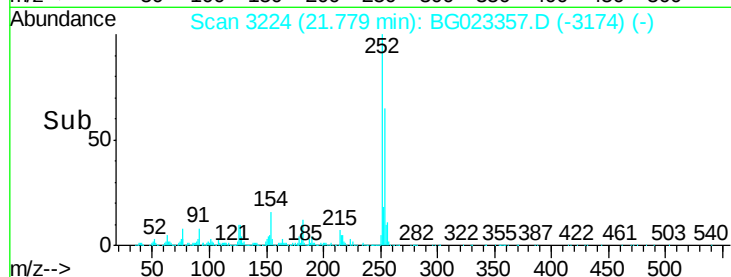
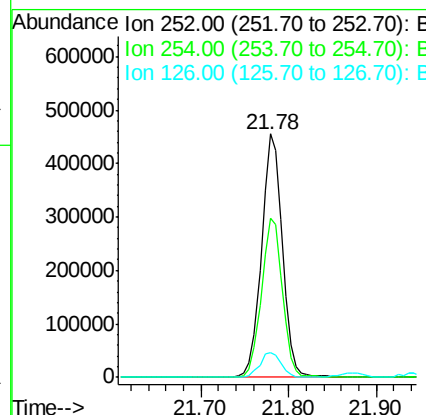
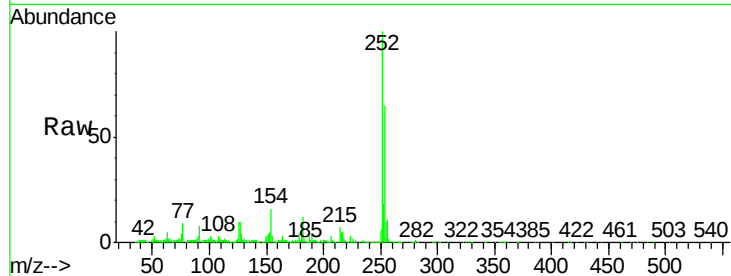
#81
 3,3'-Dichlorobenzidine
 Concen: 31.22 ng
 RT: 21.78 min Scan# 3224
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.2	76.8
126	10.0	5.3	7.9

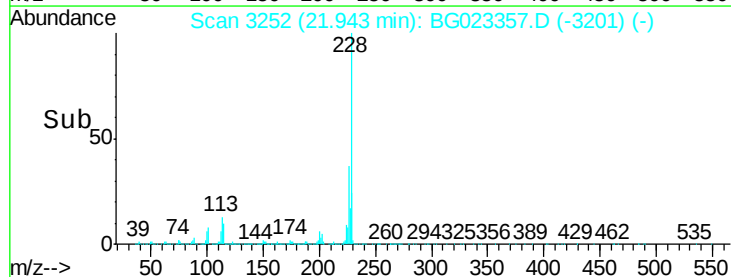
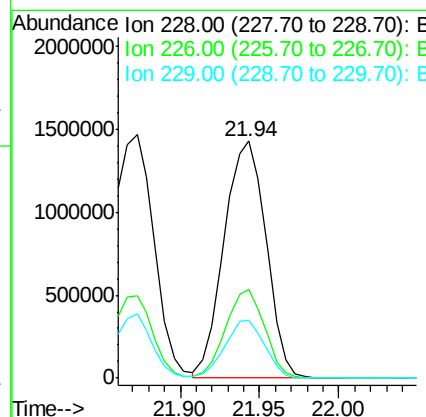
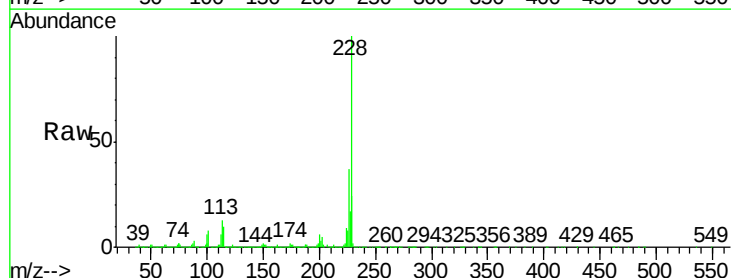
Manual Integrations
 APPROVED

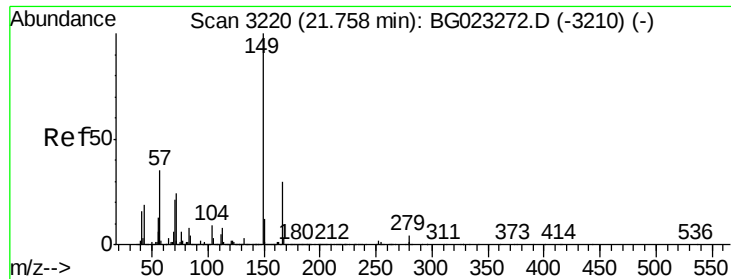
sohil
 8/1/2016 7:12:21 PM



#82
 Chrysene
 Concen: 46.19 ng
 RT: 21.94 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.2	26.7	40.1
229	24.5	17.4	26.2





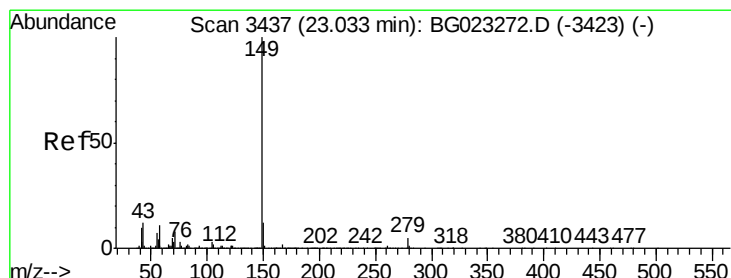
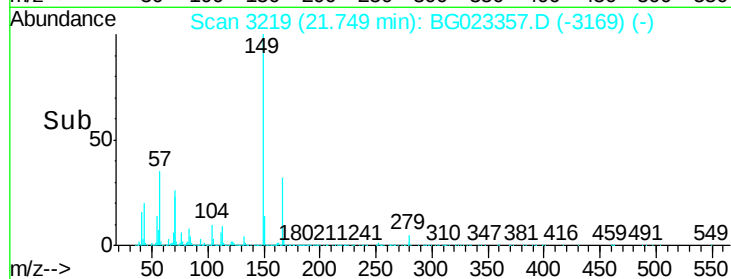
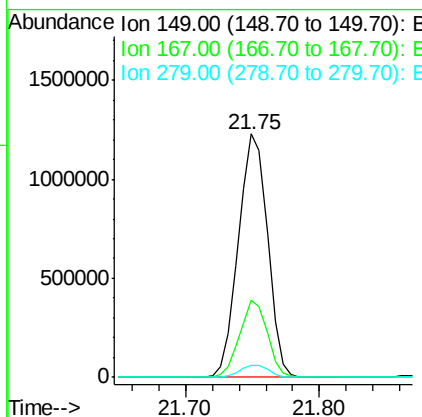
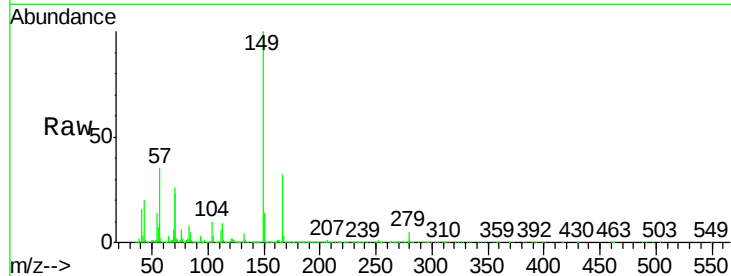
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.34 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BSD

Tgt Ion:149 Resp: 1855220
 Ion Ratio Lower Upper
 149 100
 167 32.0 24.0 36.0
 279 5.0 4.8 7.2

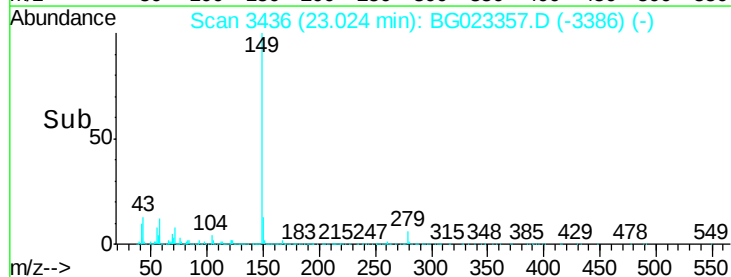
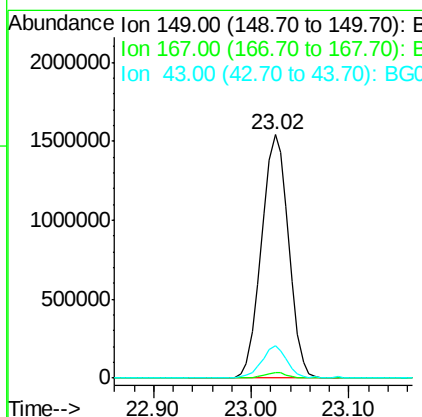
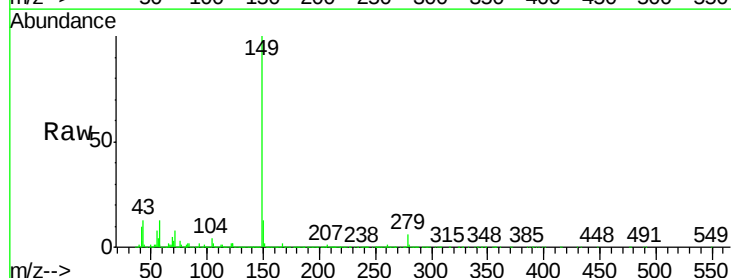
Manual Integrations
 APPROVED

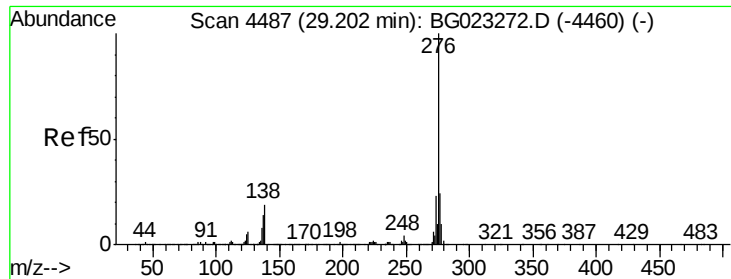
sohil
 8/1/2016 7:12:21 PM



#84
 Di-n-octyl phthalate
 Concen: 46.99 ng
 RT: 23.02 min Scan# 3436
 Delta R.T. -0.00 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion:149 Resp: 3012016
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.5 2.3
 43 11.7 8.8 13.2





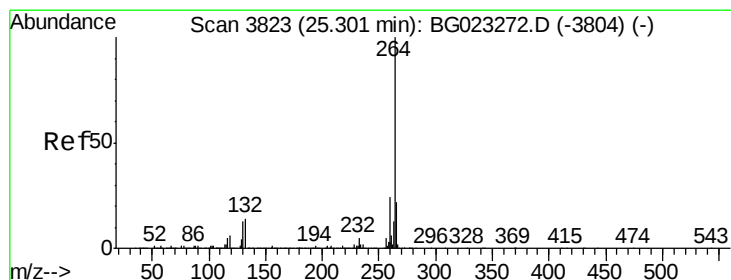
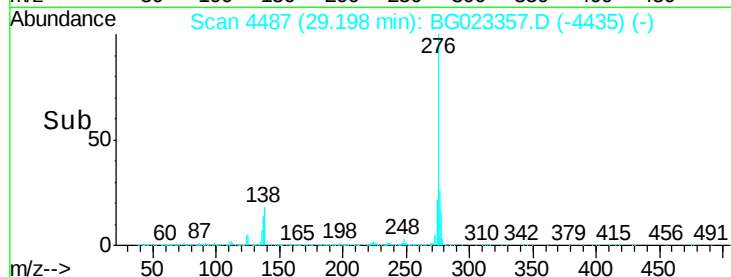
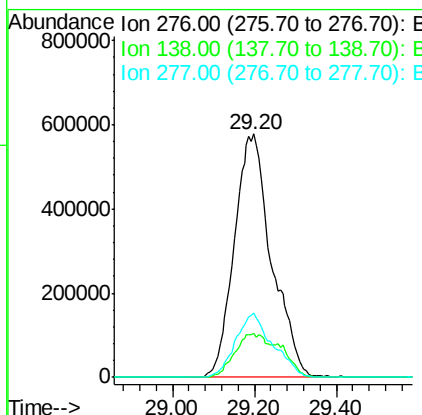
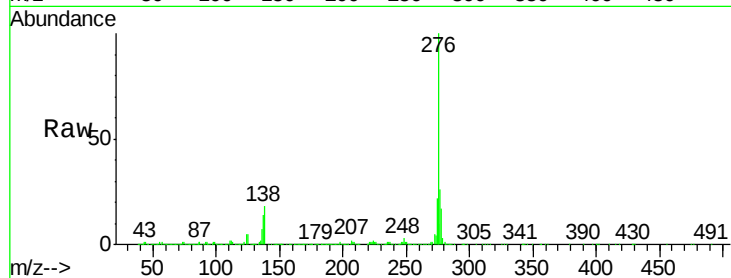
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.28 ng
 RT: 29.20 min Scan# 4487
 Delta R.T. 0.01 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BSD

Tgt Ion: 276 Resp: 3658883
 Ion Ratio Lower Upper
 276 100
 138 17.0 0.0 0.0#
 277 26.1 0.0 0.0#

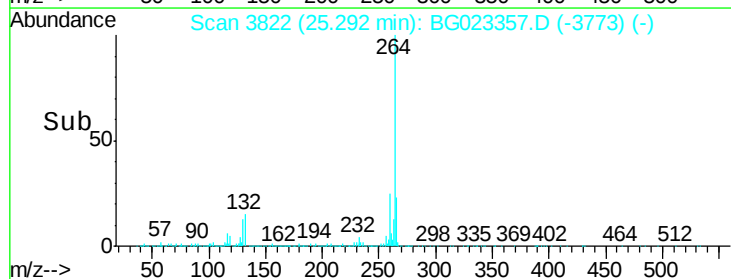
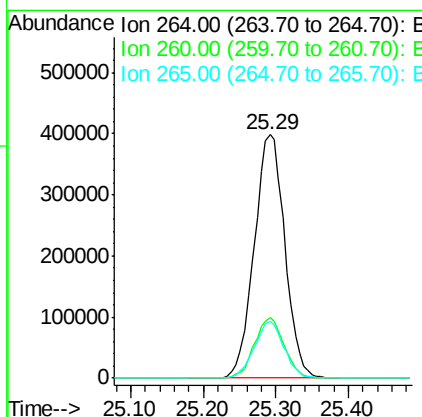
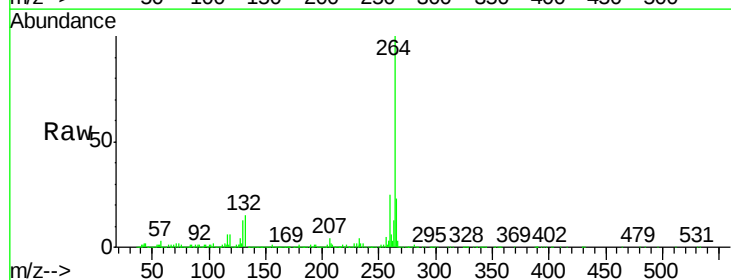
Manual Integrations
 APPROVED

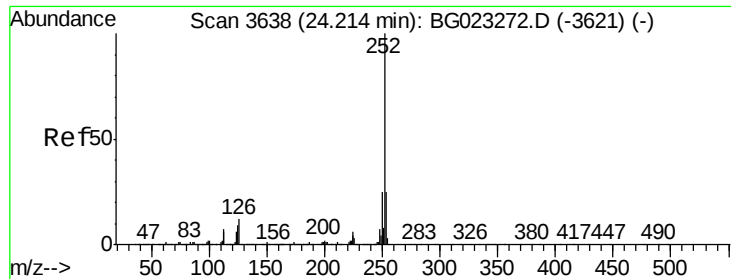
sohil
 8/1/2016 7:12:21 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.29 min Scan# 3822
 Delta R.T. -0.01 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Tgt Ion: 264 Resp: 1166046
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.4 27.6
 265 23.3 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 48.89 ng

RT: 24.21 min Scan# 3638

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

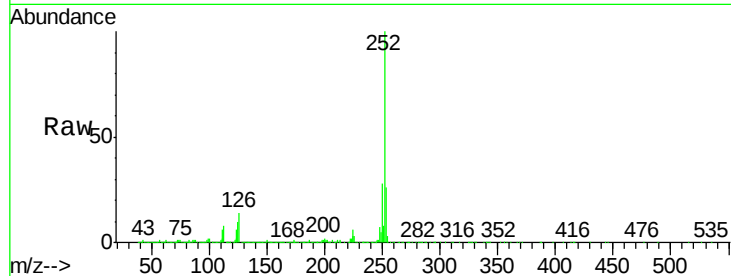
ClientSampleId :

PB92565BSD

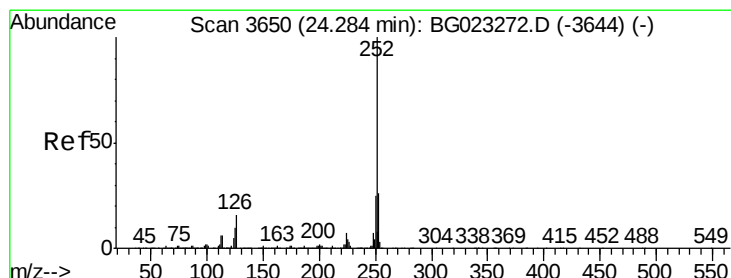
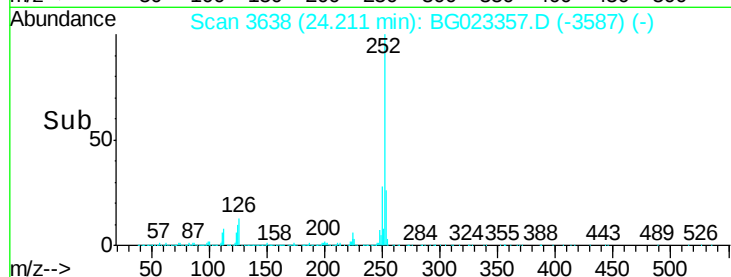
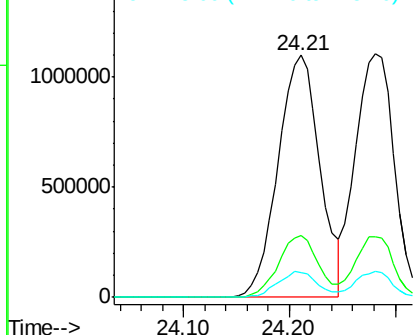
Tgt Ion:	252	Resp:	3028694
Ion Ratio	Lower	Upper	
252	100		
253	25.6	18.9	28.3
125	10.3	3.9	5.9#

Manual Integrations
APPROVED

sohil
8/1/2016 7:12:21 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.73 ng

RT: 24.28 min Scan# 3650

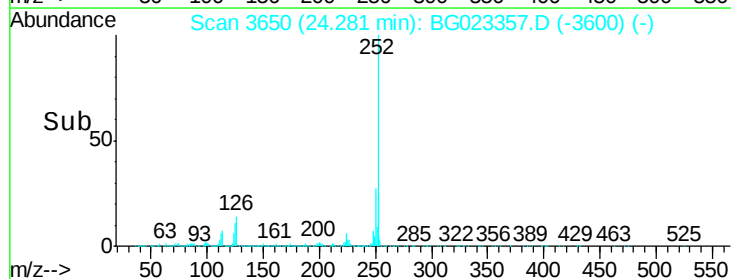
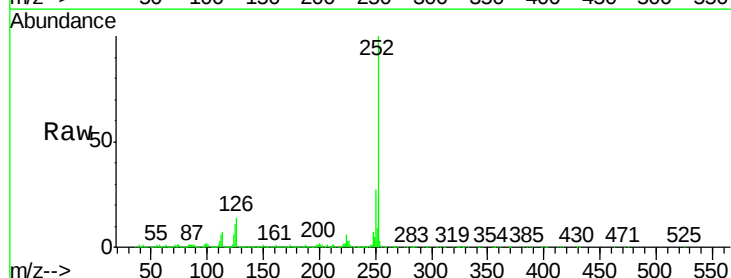
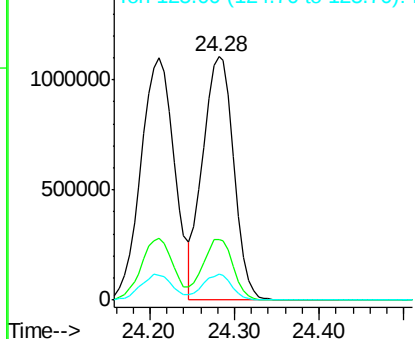
Delta R.T. -0.00 min

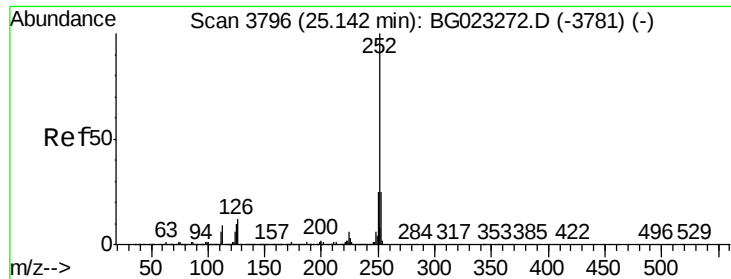
Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Tgt Ion:	252	Resp:	2831573
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.8	28.2
125	10.8	3.2	4.8#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.51 ng

RT: 25.13 min Scan# 3795

Delta R.T. 0.00 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Instrument :

BNA_G

ClientSampleId :

PB92565BSD

Tgt Ion:252 Resp: 2944789

Ion Ratio Lower Upper

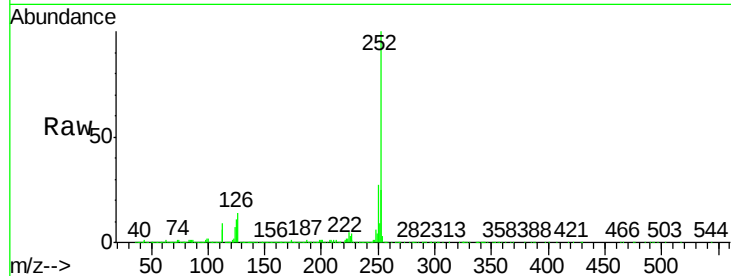
252 100

253 24.8 18.7 28.1

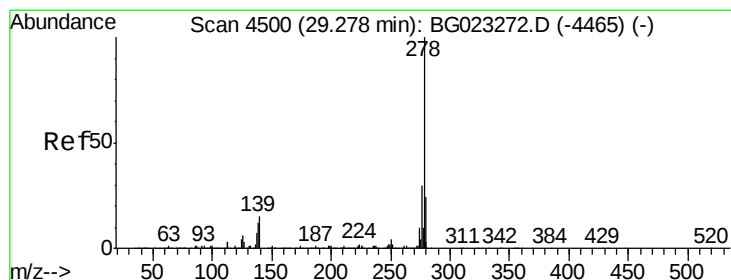
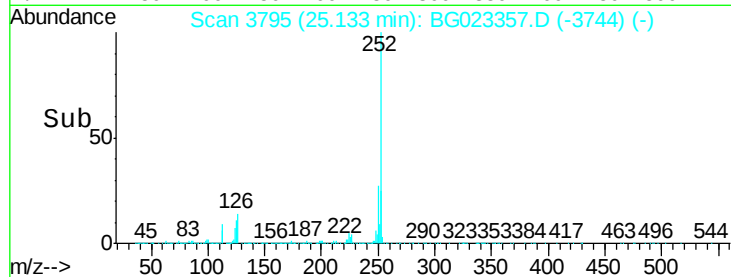
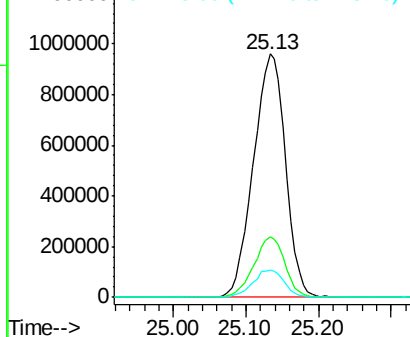
125 11.2 3.9 5.9#

Manual Integrations
APPROVED

sohil
8/1/2016 7:12:21 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 52.11 ng

RT: 29.27 min Scan# 4499

Delta R.T. 0.01 min

Lab File: BG023357.D

Acq: 30 Jul 2016 14:46

Tgt Ion:278 Resp: 2991995

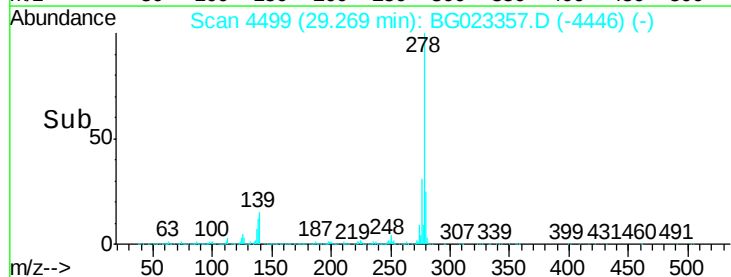
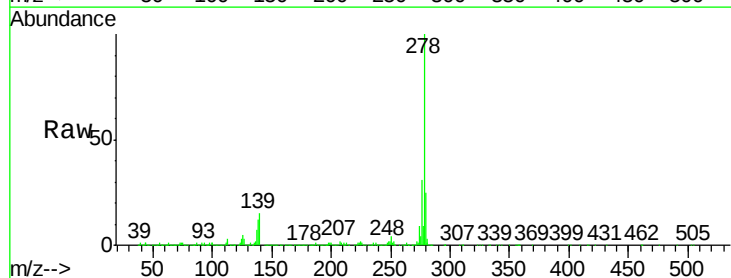
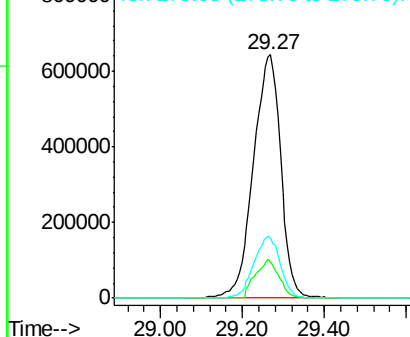
Ion Ratio Lower Upper

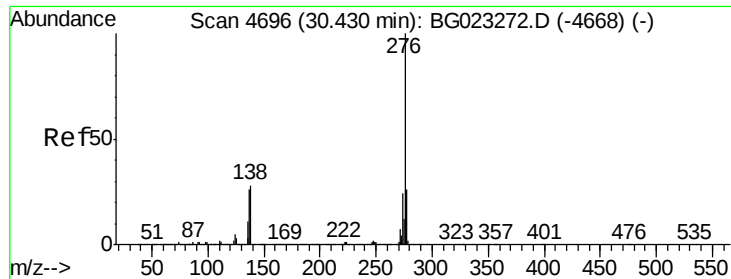
278 100

139 14.7 4.7 7.1#

279 24.9 18.3 27.5

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 49.37 ng
 RT: 30.41 min Scan# 4694
 Delta R.T. -0.01 min
 Lab File: BG023357.D
 Acq: 30 Jul 2016 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.6	27.8
138	19.1	6.8	10.2

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:12:21 PM

