

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
 Data File : BG071899.D
 Acq On : 16 Jul 2015 00:47
 Operator : TP/UM
 Sample : MDL-04-W
 Misc : MDL-WATER-SVOC-8PPM
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 MDL-04-W

Manual Integrations
 APPROVED

apatel
 7/16/2015 4:37:43 PM

Quant Time: Jul 16 03:53:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 16 03:39:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	72373	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	343342	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	211630	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	455579	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	463172	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	425577	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	11751	5.81	ng/uL	0.00
5) Phenol-d5	6.76	99	207628	33.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	122198	28.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	177212	36.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	169595	35.44	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	88621	33.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	80604	40.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	151402	36.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	257444	43.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	545505	36.97	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	686434	35.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	93489	33.57	ng/ul	0.00
57) Fluorene-d10	15.24	176	507683	36.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	50803	23.83	ng/ul	0.00
70) Anthracene-d10	17.09	188	754669	36.55	ng/ul	0.00
78) Pyrene-d10	19.40	212	838244	38.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	750133	35.96	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.15	88	2750	1.27 ng/uL#	91
4) Benzaldehyde	6.73	77	24816	6.79 ng/ul	93
6) Phenol	6.79	94	39217	5.73 ng/ul	95
8) Bis(2-Chloroethyl)ether	7.02	93	31554	5.65 ng/ul	92
10) 2-Chlorophenol	7.15	128	30270	6.18 ng/ul	90
11) 2-Methylphenol	8.03	108	27177	5.46 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.12	45	38510	4.75 ng/ul	99
14) Acetophenone	8.40	105	47630	5.98 ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.39	70	24312	4.95 ng/ul#	89
16) 4-Methylphenol	8.36	108	30916	5.70 ng/ul	93
17) Hexachloroethane	8.66	117	12387	5.30 ng/ul#	81
20) Nitrobenzene	8.78	77	34994	4.95 ng/ul#	85
21) Isophorone	9.30	82	69929	5.29 ng/ul#	96
23) 2-Nitrophenol	9.49	139	15751	6.59 ng/ul	89
24) 2,4-Dimethylphenol	9.55	107	34300	5.62 ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.79	93	40776	5.49 ng/ul#	90
27) 2,4-Dichlorophenol	10.01	162	27817	6.69 ng/ul#	92
28) Naphthalene	10.41	128	109354	6.16 ng/ul	98
30) 4-Chloroaniline	10.53	127	40657	6.59 ng/ul	92
31) Hexachlorobutadiene	10.70	225	17435	6.65 ng/ul	93
32) Caprolactam	11.31	113	11665m	3.82 ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	28702	5.62 ng/ul#	90
34) 2-Methylnaphthalene	12.04	142	75288	6.25 ng/ul	99

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
 Data File : BG017899.D
 Acq On : 16 Jul 2015 00:47
 Operator : TP/UM
 Sample : MDL-04-W
 Misc : MDL-WATER-SVOC-8PPM
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 MDL-04-W

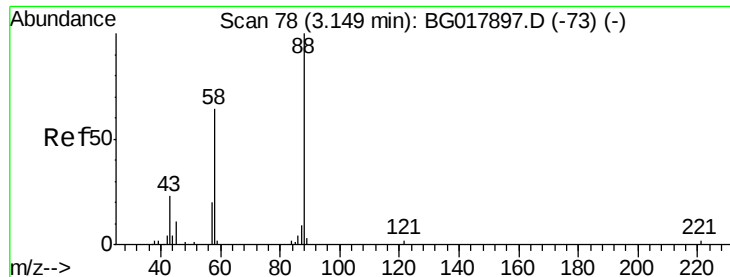
Manual Integrations
 APPROVED

apatel
 7/16/2015 4:37:43 PM

Quant Time: Jul 16 03:53:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 16 03:39:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	32812	5.89	ng/ul#	96
37) Hexachlorocyclopentadiene	12.40	237	14112	4.88	ng/ul	88
38) 2,4,6-Trichlorophenol	12.66	196	17021	5.64	ng/ul	96
39) 2,4,5-Trichlorophenol	12.73	196	19891	6.04	ng/ul	96
40) 1,1'-Biphenyl	13.07	154	97542	5.96	ng/ul#	92
41) 2-Chloronaphthalene	13.10	162	77074	6.13	ng/ul	98
42) 2-Nitroaniline	13.32	65	15991	4.34	ng/ul#	76
44) Dimethylphthalate	13.70	163	101977	6.58	ng/ul	98
45) 2,6-Dinitrotoluene	13.83	165	15652	5.54	ng/ul#	83
47) Acenaphthylene	13.96	152	130065	6.13	ng/ul	98
48) 3-Nitroaniline	14.15	138	17371	5.40	ng/ul	97
49) Acenaphthene	14.31	153	84806	5.95	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	2144	1.80	ng/ul#	71
52) 4-Nitrophenol	14.47	109	13085m	5.54	ng/ul	
53) Dibenzofuran	14.64	168	117570	6.26	ng/ul	96
54) 2,4-Dinitrotoluene	14.61	165	22687	5.60	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	14.87	232	15922	6.26	ng/ul#	87
56) Diethylphthalate	15.08	149	105778	6.63	ng/ul	98
58) Fluorene	15.30	166	101357	6.21	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.30	204	48762	6.44	ng/ul	93
60) 4-Nitroaniline	15.32	138	22155	5.78	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.38	198	10439	4.39	ng/ul#	89
64) N-Nitrosodiphenylamine	15.51	169	83031	5.99	ng/ul	98
65) 4-Bromophenyl-phenylether	16.20	248	28075	6.42	ng/ul	86
66) Hexachlorobenzene	16.30	284	31252	6.59	ng/ul#	88
67) Atrazine	16.47	200	30426	6.39	ng/ul#	96
68) Pentachlorophenol	16.65	266	9566	4.07	ng/ul	95
69) Phenanthrene	17.04	178	161778	6.43	ng/ul	98
71) Anthracene	17.13	178	160539	6.23	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	31960	5.51	ng/uL	98
73) Pentachlorobenzene	14.56	250	38210	6.87	ng/uL	98
74) Carbazole	17.40	167	146742	6.53	ng/ul	98
75) Di-n-butylphthalate	17.98	149	173787	6.17	ng/ul#	97
76) Fluoranthene	19.06	202	173608	6.80	ng/ul	97
79) Pyrene	19.43	202	197818	6.94	ng/ul	95
80) Butylbenzylphthalate	20.35	149	65085	5.65	ng/ul#	84
81) 3,3'-Dichlorobenzidine	21.12	252	37452	5.40	ng/ul	95
82) Benzo(a)anthracene	21.18	228	169083	6.61	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	91453	5.73	ng/ul	93
84) Chrysene	21.23	228	160477	6.54	ng/ul	97
86) Di-n-octyl phthalate	22.00	149	133561	5.36	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	147373	6.28	ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	157622	6.51	ng/ul	95
90) Benzo(a)pyrene	23.32	252	147677	6.26	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.65	276	161229	6.39	ng/ul#	90
92) Dibenzo(a,h)anthracene	25.67	278	140330	6.54	ng/ul#	94
93) Benzo(g,h,i)perylene	26.33	276	133228	6.31	ng/ul	98

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



#2

1,4-Dioxane

Concen: 1.27 ng/uL

RT: 3.15 min Scan# 79

Delta R.T. 0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Instrument :

BNA_G

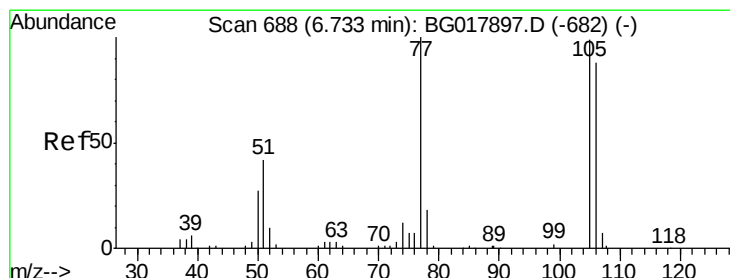
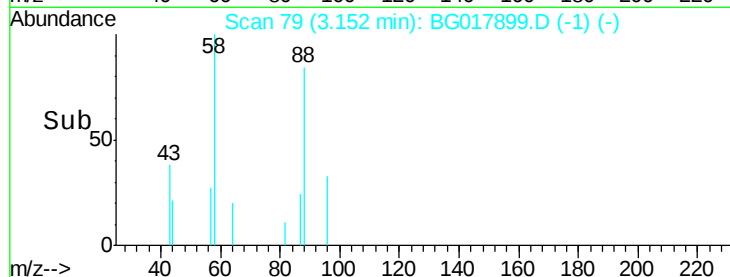
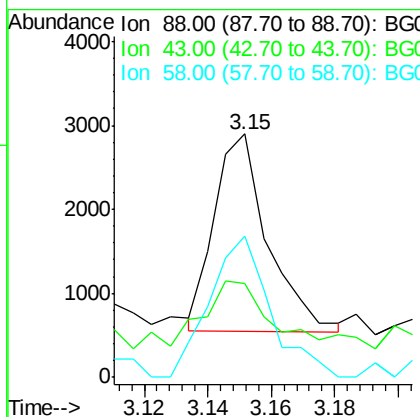
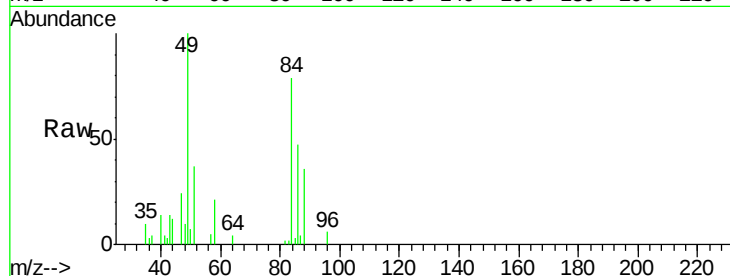
ClientSampleId :

MDL-04-W

Tgt Ion:	88	Resp:	2750
Ion Ratio	Lower	Upper	
88	100		
43	43.9	26.4	39.6#
58	81.1	61.5	92.3

Manual Integrations
APPROVED

apatel
7/16/2015 4:37:43 PM



#4

Benzaldehyde

Concen: 6.79 ng/uL

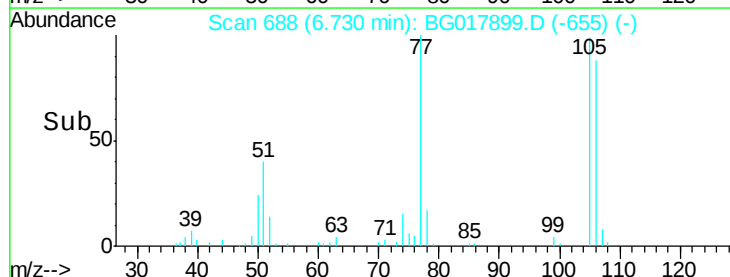
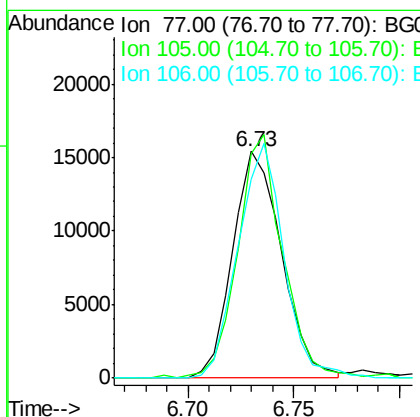
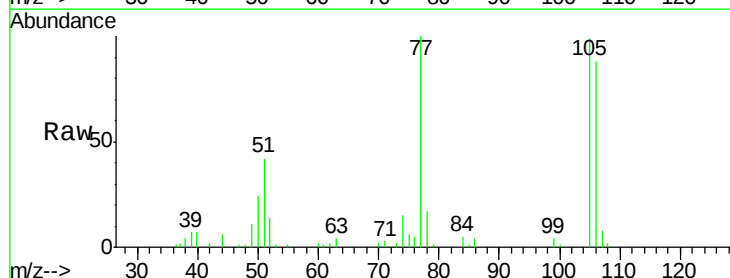
RT: 6.73 min Scan# 688

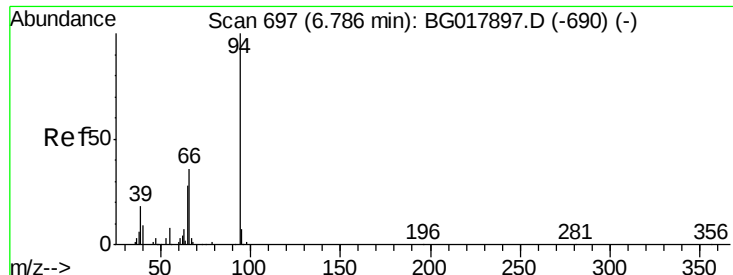
Delta R.T. -0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Tgt Ion:	77	Resp:	24816
Ion Ratio	Lower	Upper	
77	100		
105	98.9	69.1	103.7
106	87.7	69.3	103.9





#6

Phenol

Concen: 5.73 ng/ul

RT: 6.79 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Instrument :

BNA_G

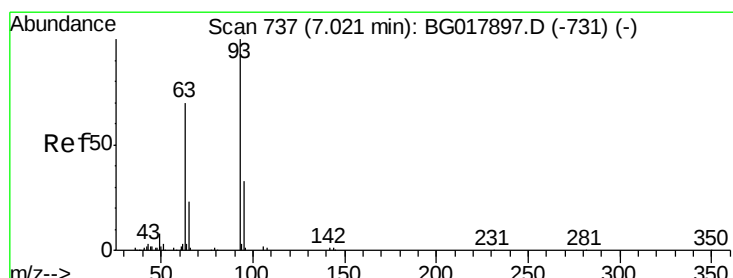
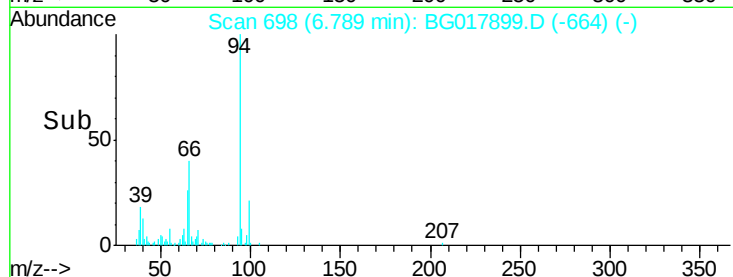
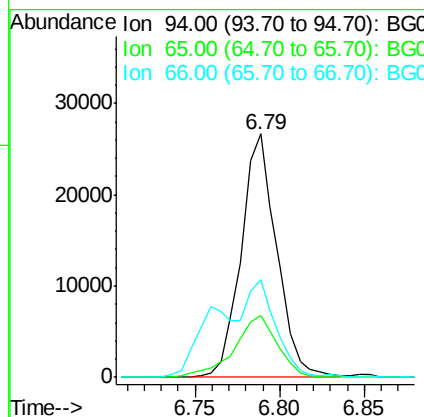
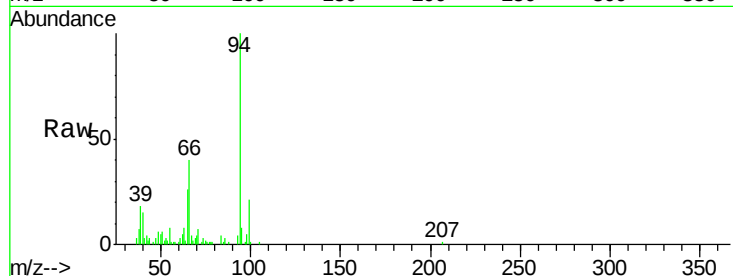
ClientSampleId :

MDL-04-W

Tgt Ion:	94	Resp:	39217
Ion	Ratio	Lower	Upper
94	100		
65	25.6	25.0	37.4
66	40.0	31.7	47.5

Manual Integrations
APPROVED

apatel
7/16/2015 4:37:43 PM



#8

Bis(2-Chloroethyl)ether

Concen: 5.65 ng/ul

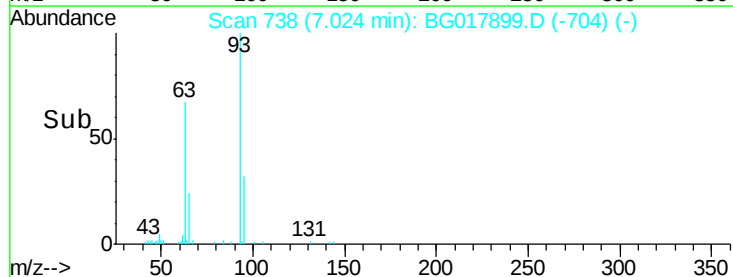
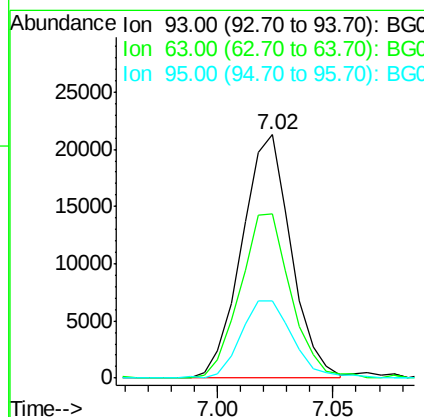
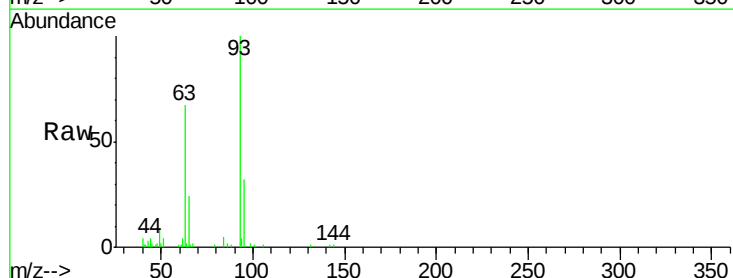
RT: 7.02 min Scan# 738

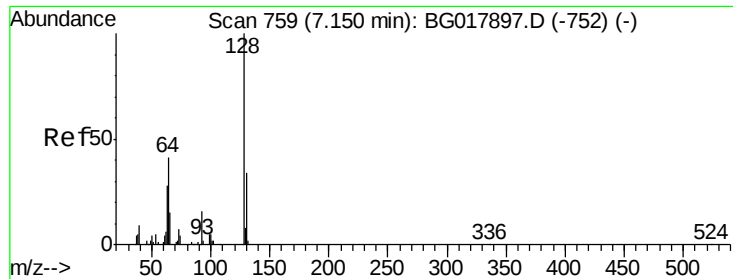
Delta R.T. 0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Tgt Ion:	93	Resp:	31554
Ion	Ratio	Lower	Upper
93	100		
63	67.3	59.8	89.8
95	32.0	23.4	35.2





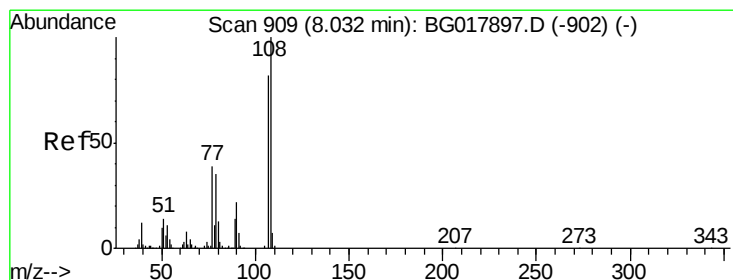
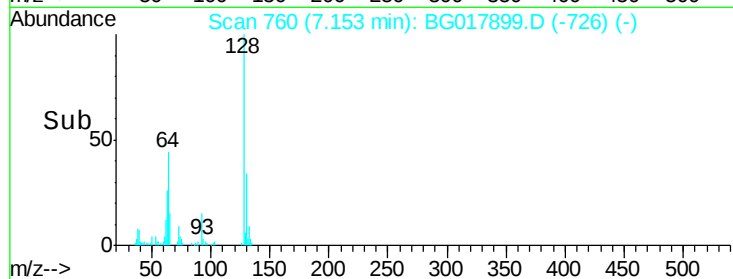
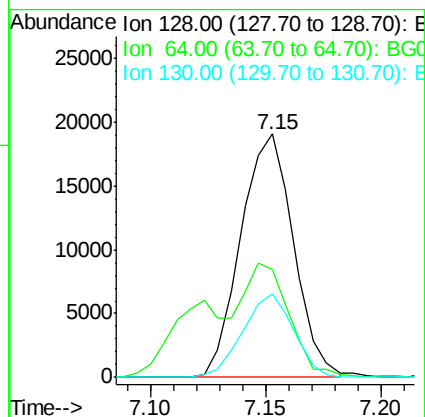
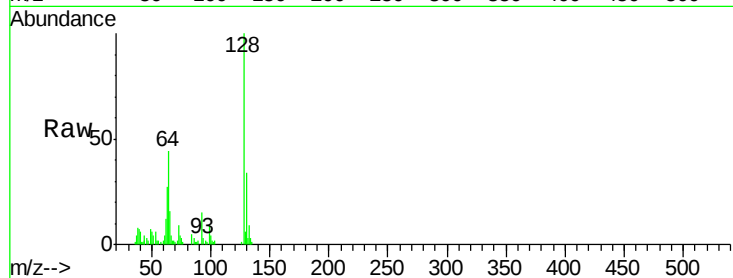
#10
2-Chlorophenol
Concen: 6.18 ng/ul
RT: 7.15 min Scan# 760
Delta R.T. 0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
128	100		
64	44.5	44.0	66.0
130	34.3	25.9	38.9

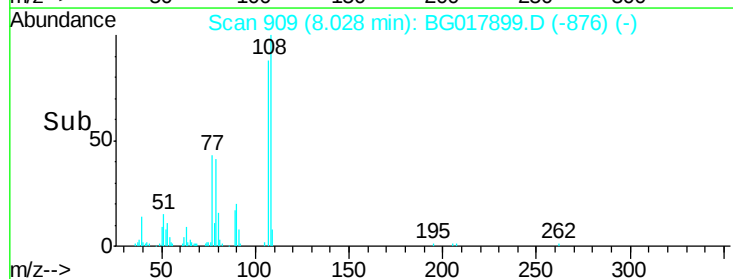
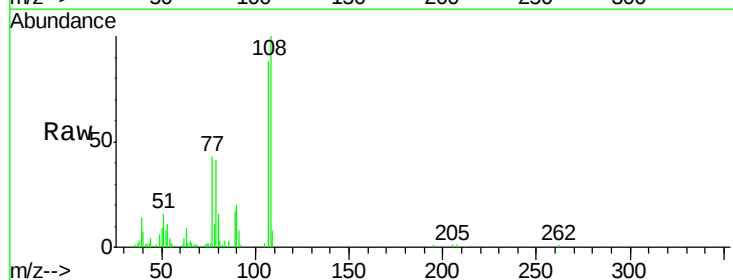
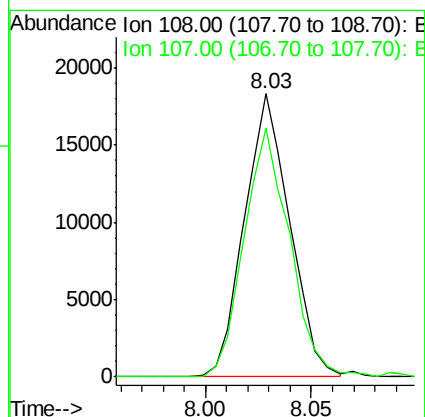
Manual Integrations
APPROVED

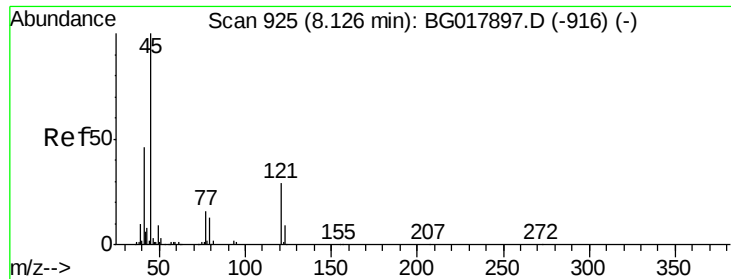
apatel
7/16/2015 4:37:43 PM



#11
2-Methylphenol
Concen: 5.46 ng/ul
RT: 8.03 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Lower	Upper
108	100		
107	88.0	72.1	108.1





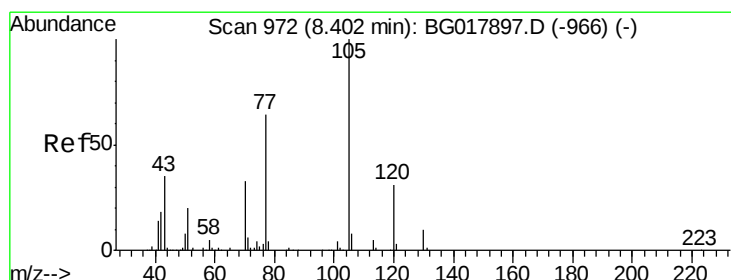
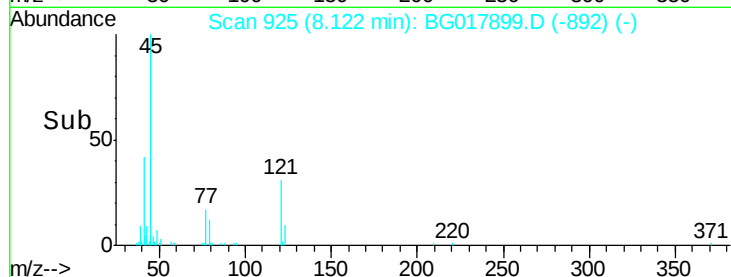
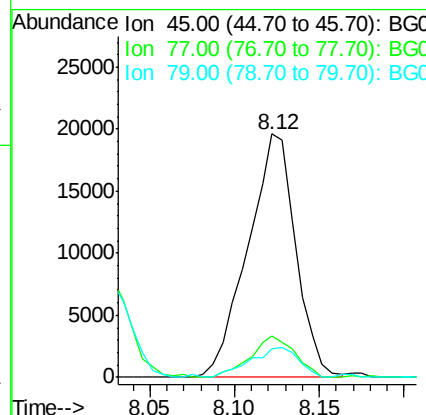
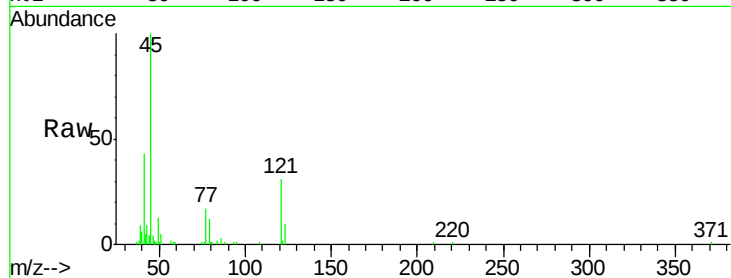
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 4.75 ng/ul
 RT: 8.12 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BG017899.D
 Acq: 16 Jul 2015 00:47

Instrument :
 BNA_G
 ClientSampled :
 MDL-04-W

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	12.6	19.0
79	11.7	9.3	13.9

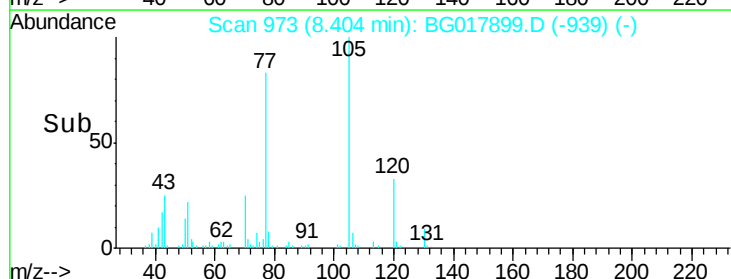
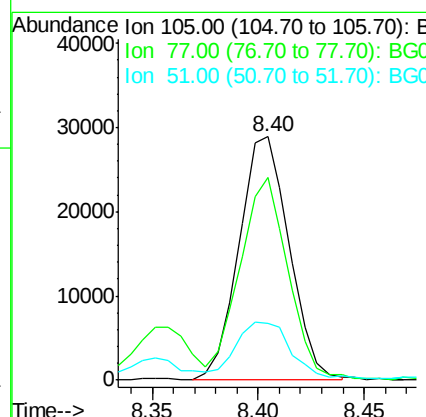
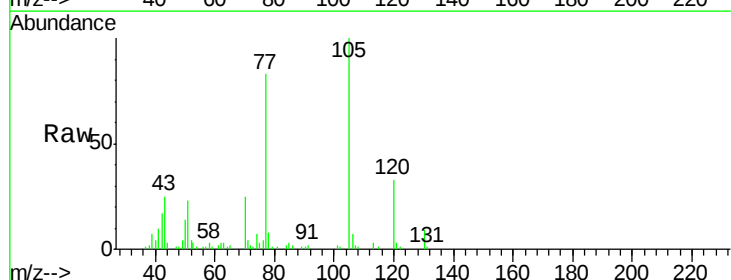
Manual Integrations
 APPROVED

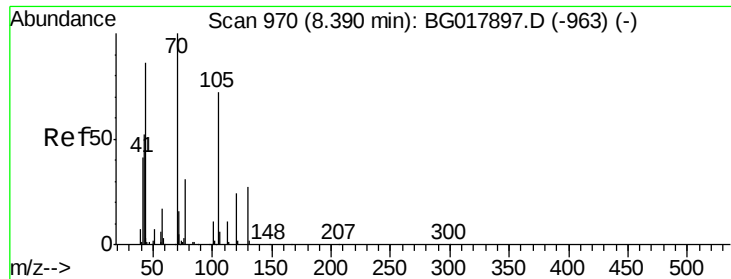
apatel
 7/16/2015 4:37:43 PM



#14
 Acetophenone
 Concen: 5.98 ng/ul
 RT: 8.40 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BG017899.D
 Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Lower	Upper
105	100		
77	83.3	71.9	107.9
51	23.3	25.0	37.6#





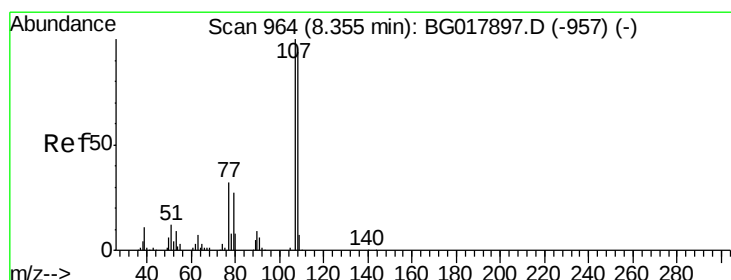
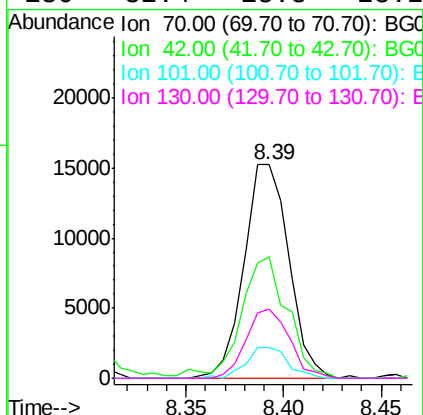
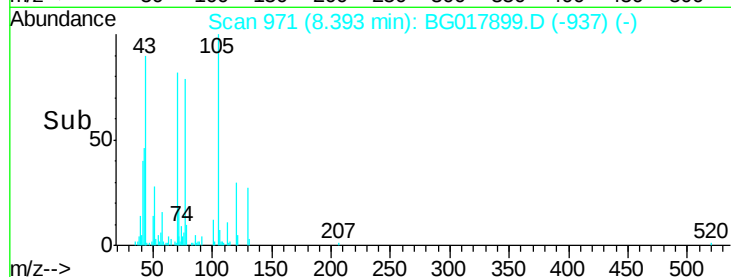
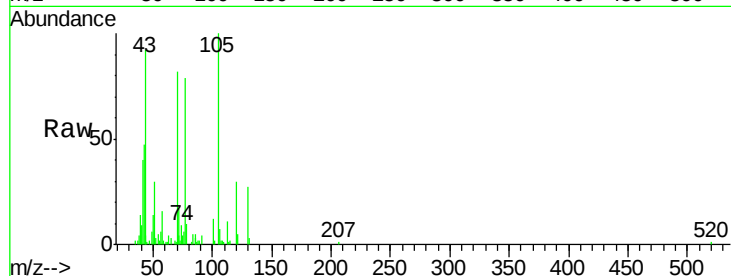
#15
N-Nitroso-di-n-propylamine
Concen: 4.95 ng/ul
RT: 8.39 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.2	51.1	76.7
101	14.5	9.8	14.8
130	32.4	18.8	28.2

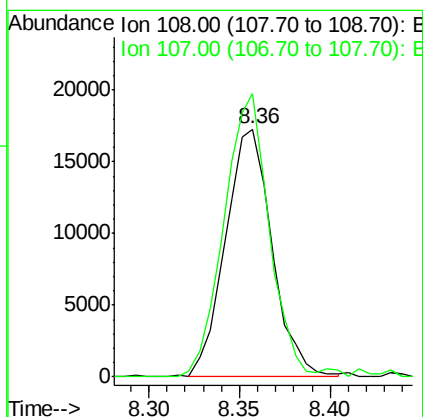
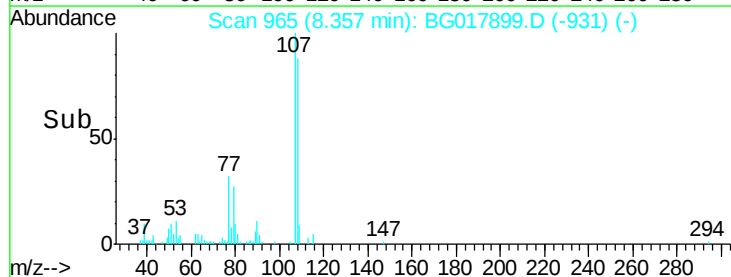
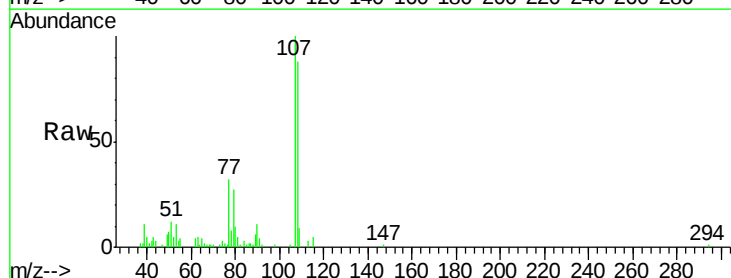
Manual Integrations
APPROVED

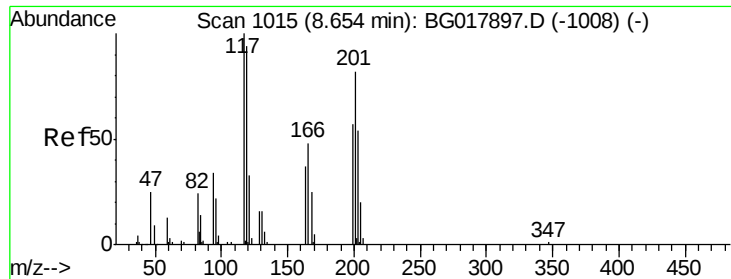
apatel
7/16/2015 4:37:43 PM



#16
4-Methylphenol
Concen: 5.70 ng/ul
RT: 8.36 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Lower	Upper
108	100		
107	114.1	85.8	128.6





#17

Hexachloroethane

Concen: 5.30 ng/ul

RT: 8.66 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Instrument :

BNA_G

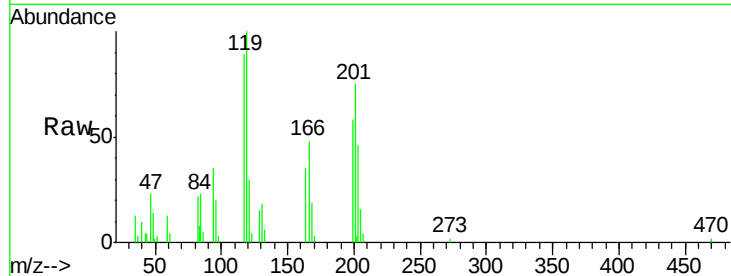
ClientSampleId :

MDL-04-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
201	83.5	57.8	86.8
199	64.9	37.2	55.8

Manual Integrations
APPROVED

apatel
7/16/2015 4:37:43 PM

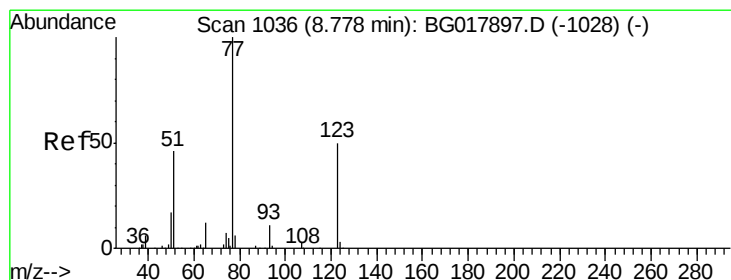
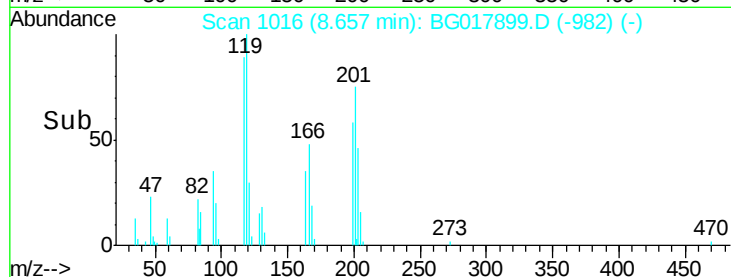
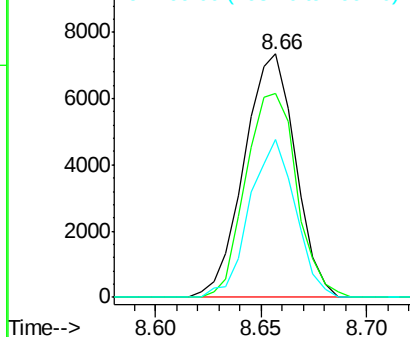


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 4.95 ng/ul

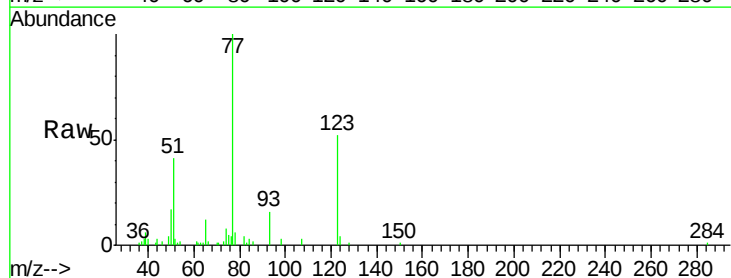
RT: 8.78 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	51.6	32.0	48.0
65	11.7	11.3	16.9

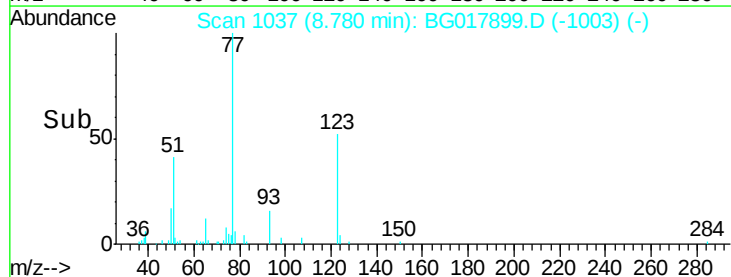
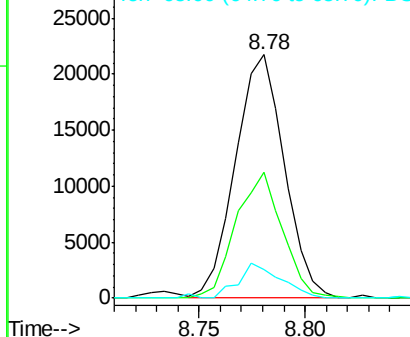


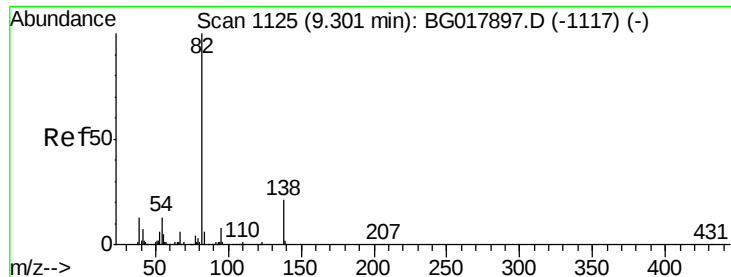
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 5.29 ng/ul

RT: 9.30 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Instrument :

BNA_G

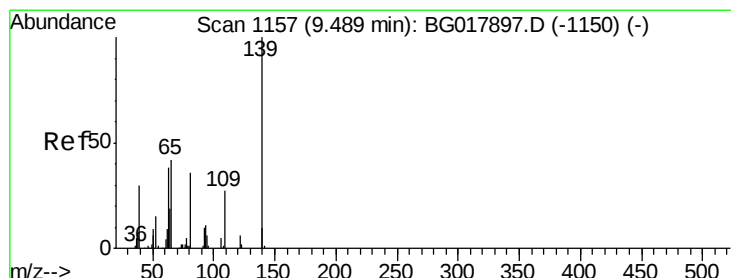
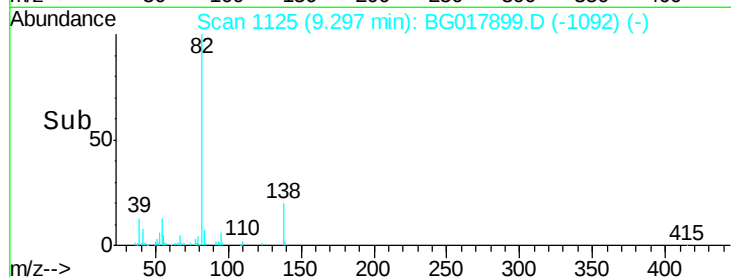
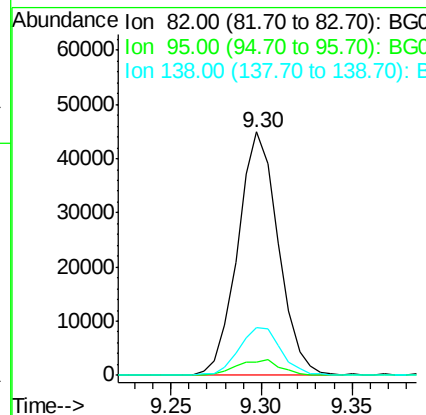
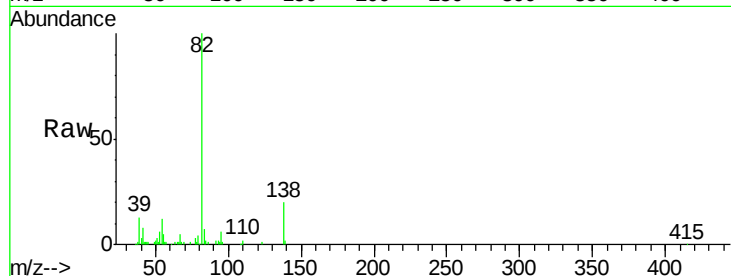
ClientSampleId :

MDL-04-W

Tgt Ion	Ratio	Lower	Upper
82	100		
95	5.7	5.9	8.9#
138	19.9	14.7	22.1

Manual Integrations
APPROVED

apatel
7/16/2015 4:37:43 PM



#23

2-Nitrophenol

Concen: 6.59 ng/ul

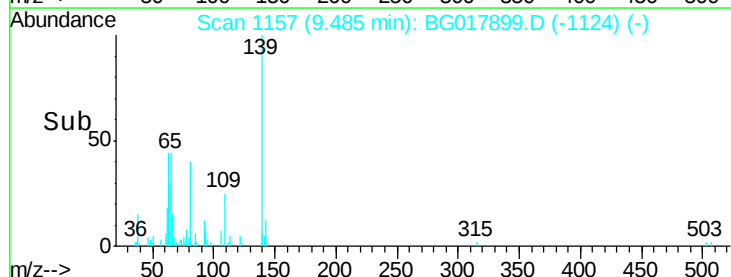
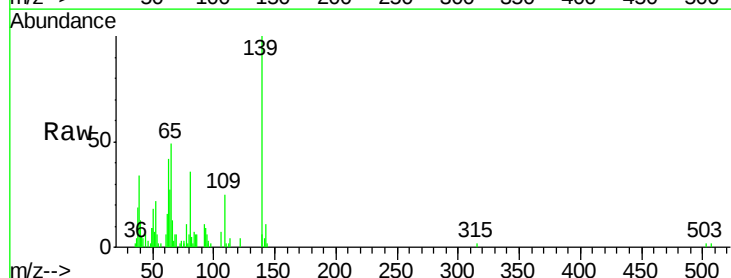
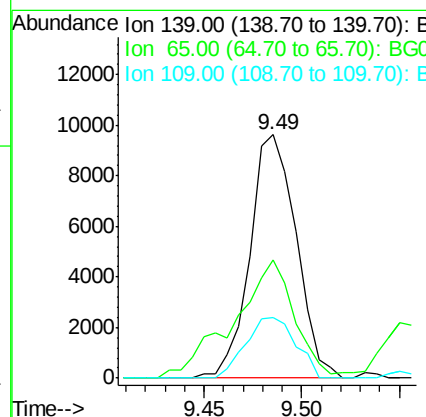
RT: 9.49 min Scan# 1157

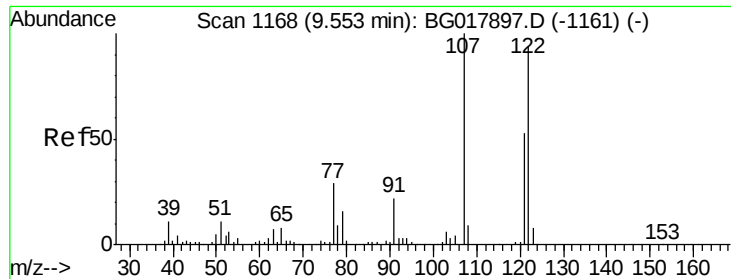
Delta R.T. -0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Lower	Upper
139	100		
65	48.7	46.1	69.1
109	25.1	24.1	36.1





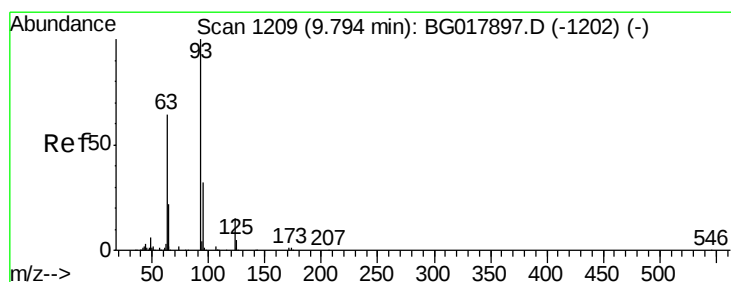
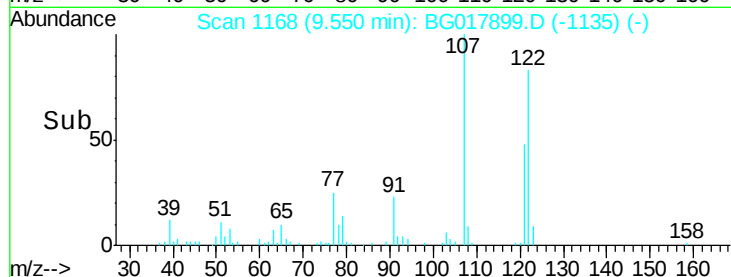
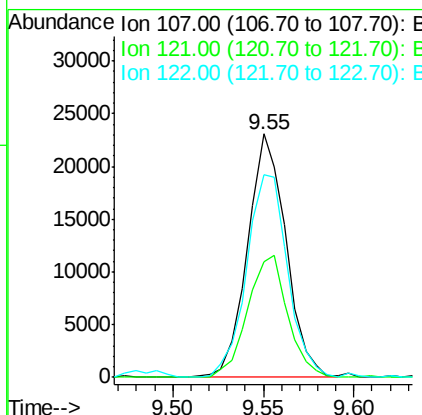
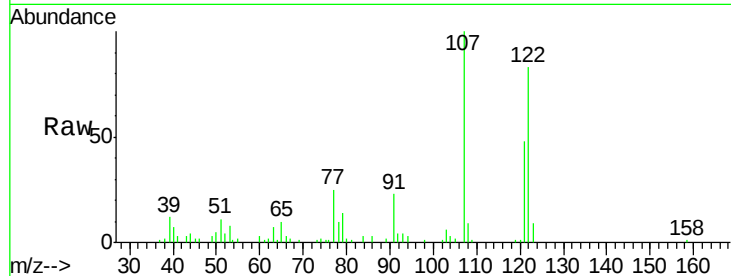
#24
2,4-Dimethylphenol
Concen: 5.62 ng/ul
RT: 9.55 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	34300		
121	47.7	38.3	57.5	
122	83.1	66.6	100.0	

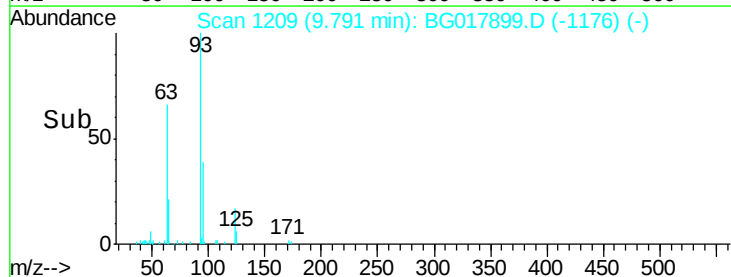
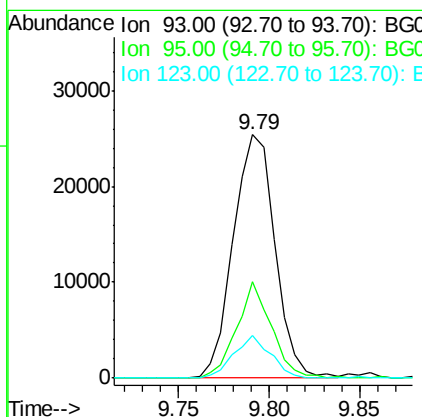
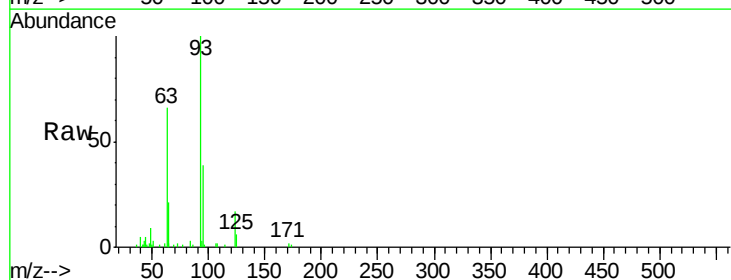
Manual Integrations
APPROVED

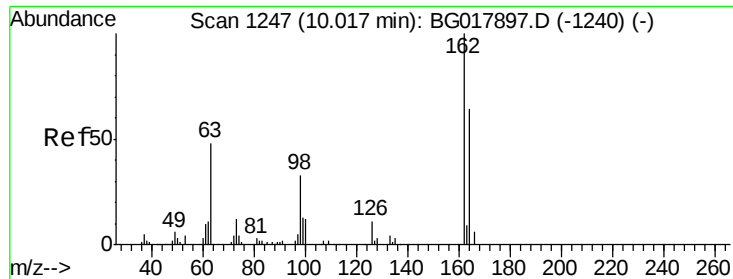
apatel
7/16/2015 4:37:43 PM



#25
Bis(2-Chloroethoxy)methane
Concen: 5.49 ng/ul
RT: 9.79 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	40776		
95	39.4	26.0	39.0#	
123	17.4	12.0	18.0	





#27

2,4-Dichlorophenol

Concen: 6.69 ng/ul

RT: 10.01 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Instrument :

BNA_G

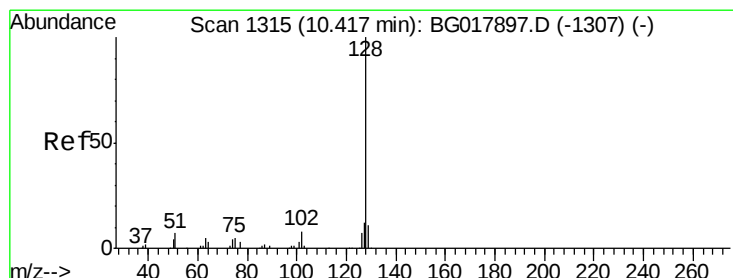
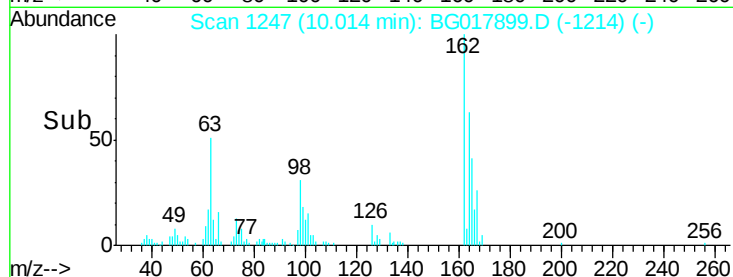
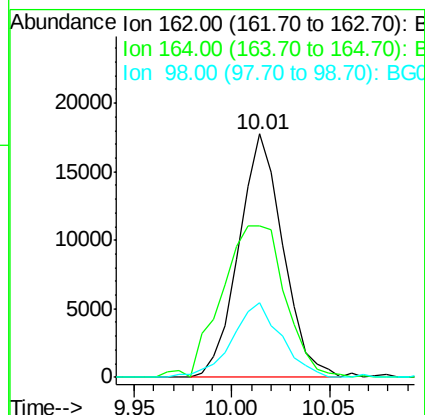
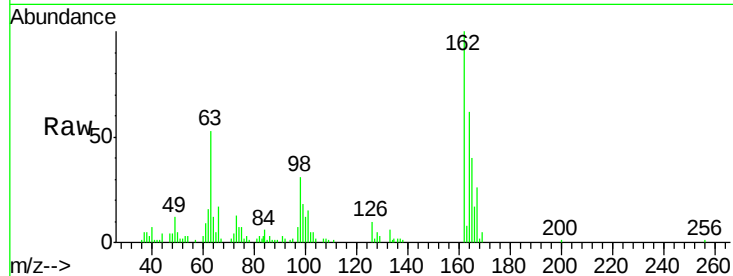
ClientSampleId :

MDL-04-W

Tgt Ion:	162	Resp:	27817
Ion Ratio	Lower	Upper	
162	100		
164	62.0	51.0	76.6
98	30.6	32.7	49.1#

Manual Integrations
APPROVED

apatel
7/16/2015 4:37:43 PM



#28

Naphthalene

Concen: 6.16 ng/ul

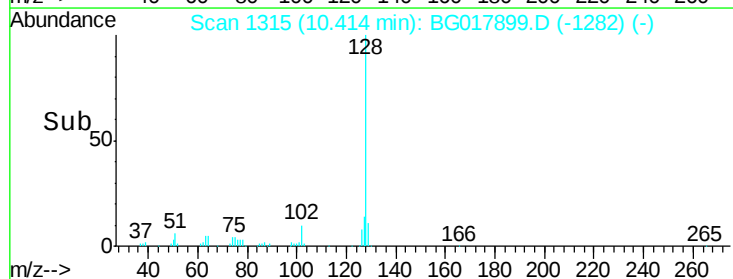
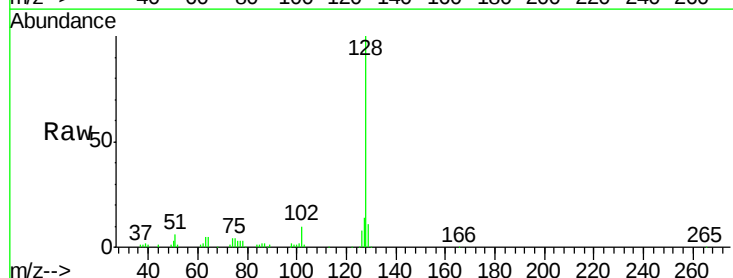
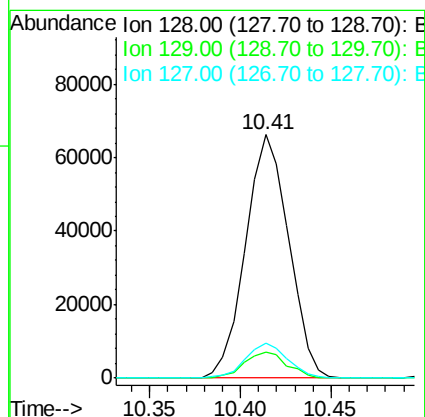
RT: 10.41 min Scan# 1315

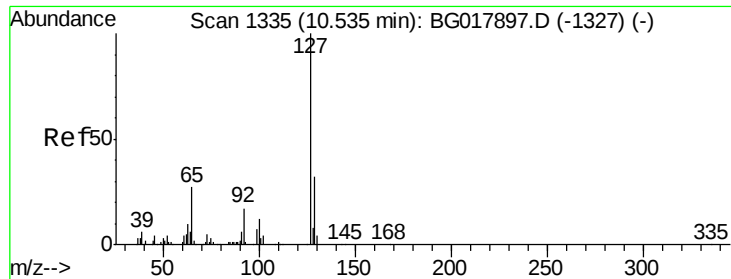
Delta R.T. -0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Tgt Ion:	128	Resp:	109354
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.1	13.7
127	14.2	11.0	16.6





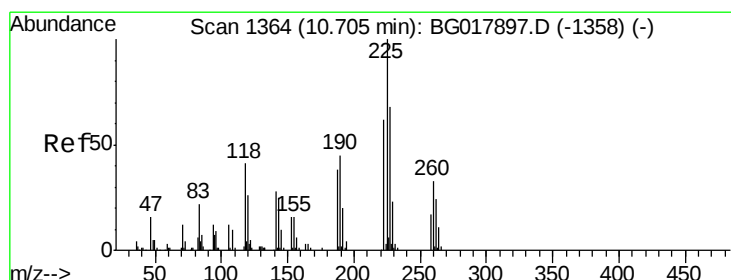
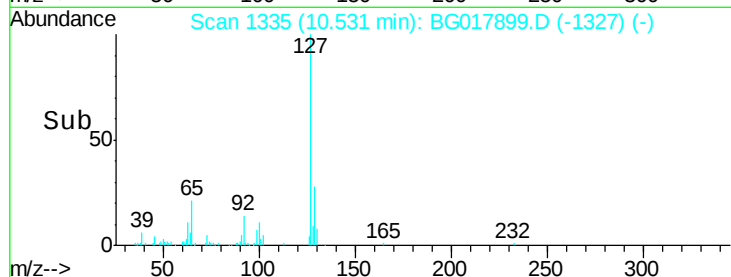
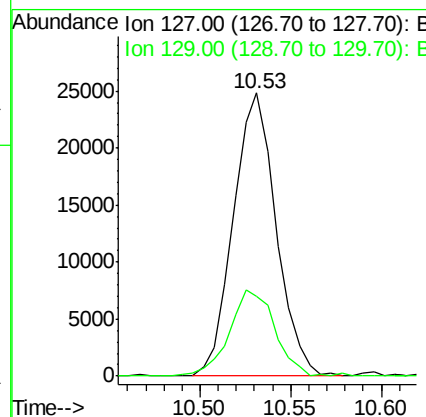
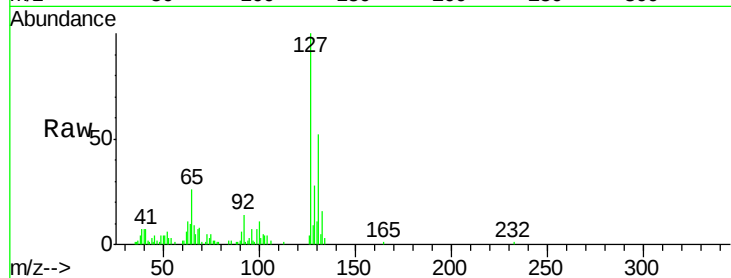
#30
4-Chloroaniline
Concen: 6.59 ng/ul
RT: 10.53 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
127	100		
129	28.2	26.0	39.0

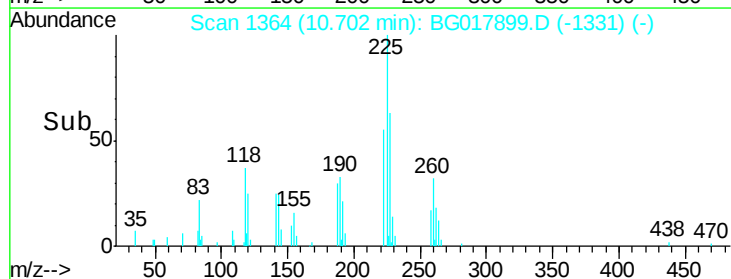
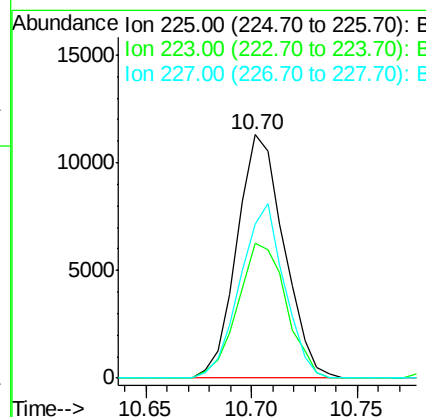
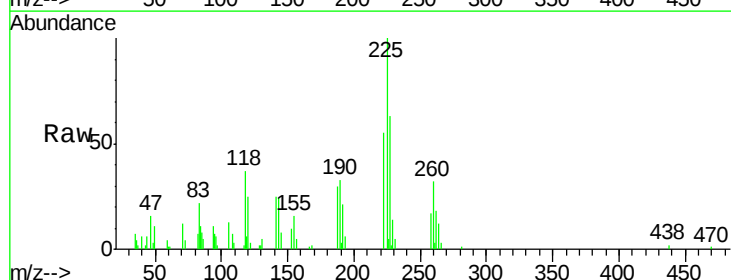
Manual Integrations
APPROVED

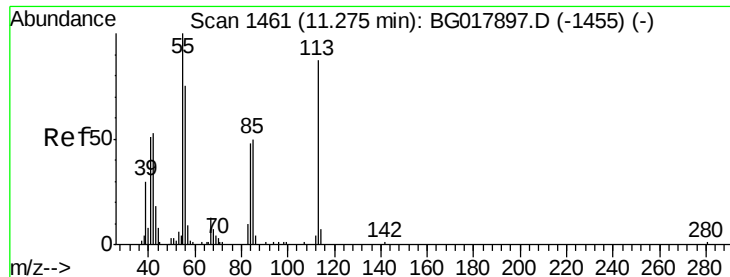
apatel
7/16/2015 4:37:43 PM



#31
Hexachlorobutadiene
Concen: 6.65 ng/ul
RT: 10.70 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	55.3	48.6	73.0
227	63.1	46.1	69.1





#32

Caprolactam

Concen: 3.82 ng/ul m

RT: 11.31 min Scan# 1467

Delta R.T. 0.03 min

Lab File: BG017899.D

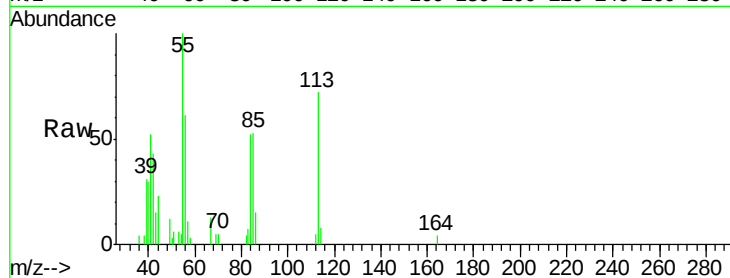
Acq: 16 Jul 2015 00:47

Instrument :

BNA_G

ClientSampleId :

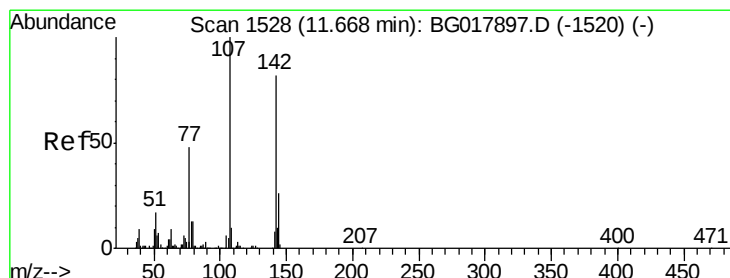
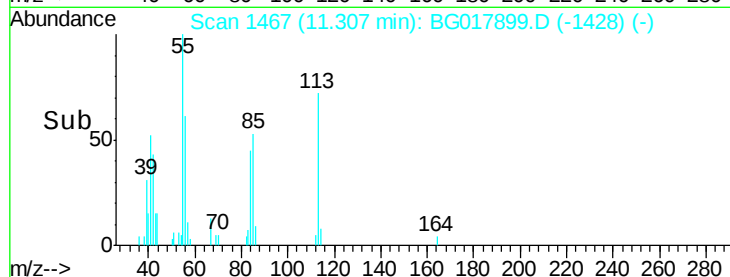
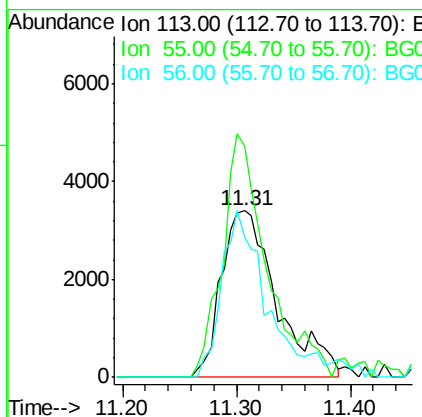
MDL-04-W



Tgt Ion:	113	Resp:	11665
Ion Ratio	Lower	Upper	
113	100		
55	138.6	118.2	177.2
56	84.2	89.8	134.6#

Manual Integrations
APPROVED

apatel
7/16/2015 4:37:43 PM



#33

4-Chloro-3-methylphenol

Concen: 5.62 ng/ul

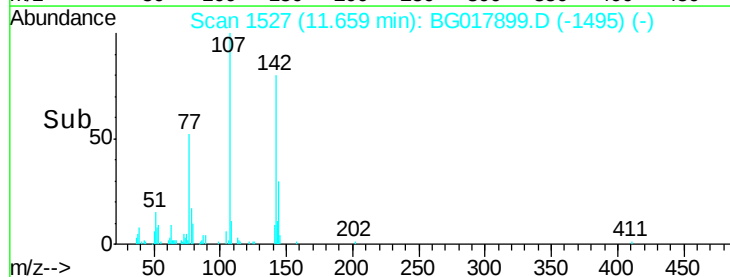
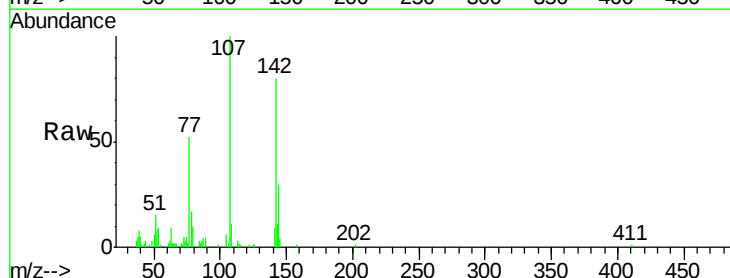
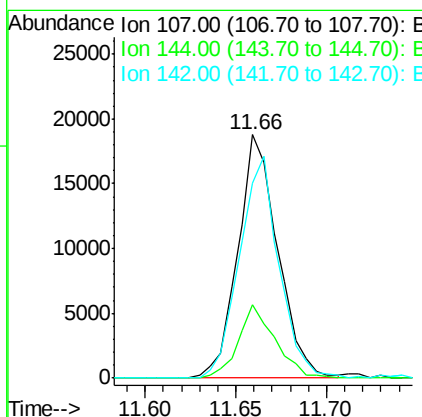
RT: 11.66 min Scan# 1527

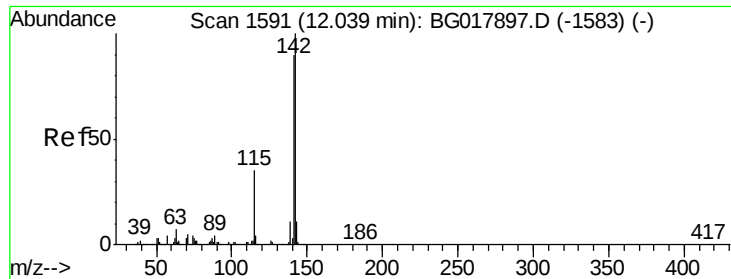
Delta R.T. -0.01 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Tgt Ion:	107	Resp:	28702
Ion Ratio	Lower	Upper	
107	100		
144	30.4	16.6	24.8#
142	80.2	59.8	89.6





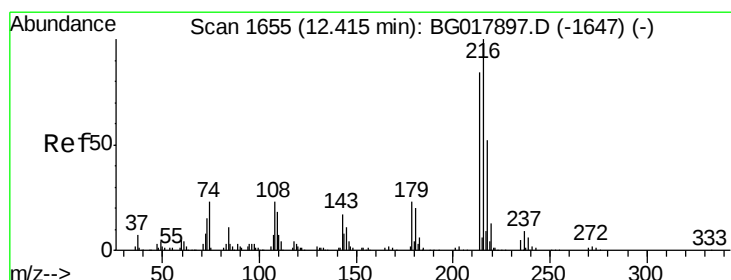
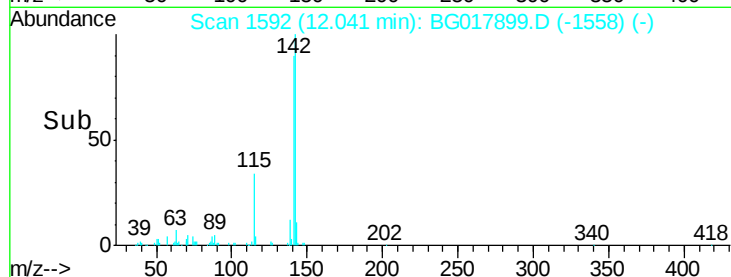
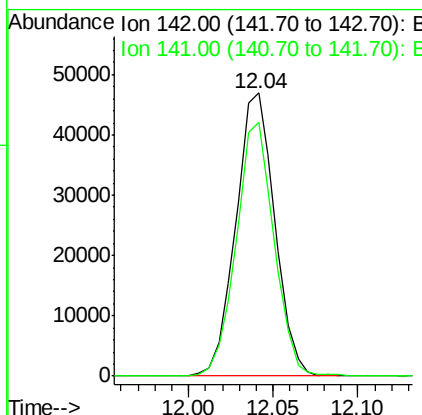
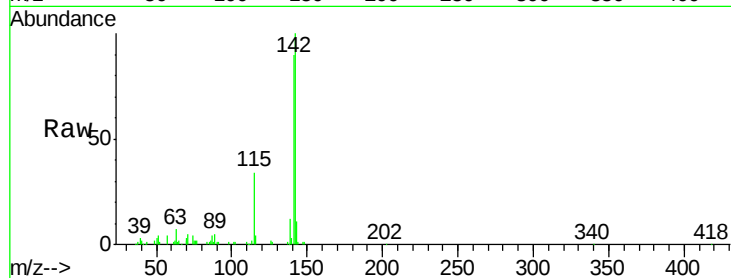
#34
2-Methylnaphthalene
Concen: 6.25 ng/ul
RT: 12.04 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Instrument :
BNA_G
ClientSampled :
MDL-04-W

Tgt Ion:142 Resp: 75288
Ion Ratio Lower Upper
142 100
141 89.8 72.6 108.8

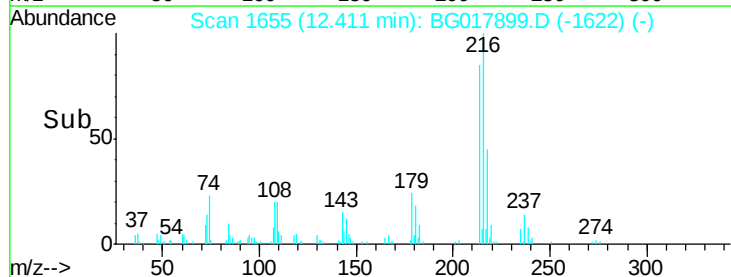
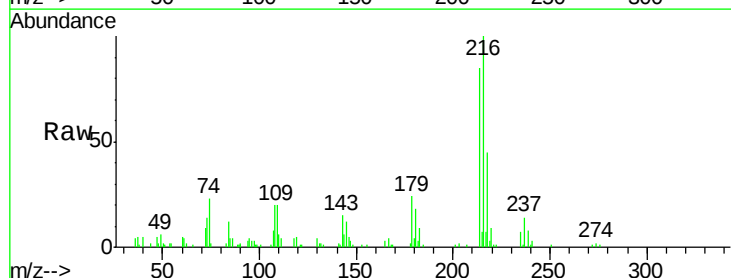
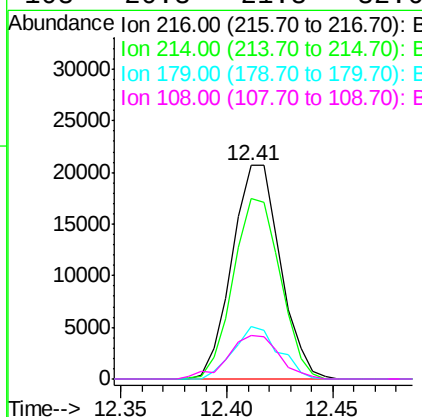
Manual Integrations
APPROVED

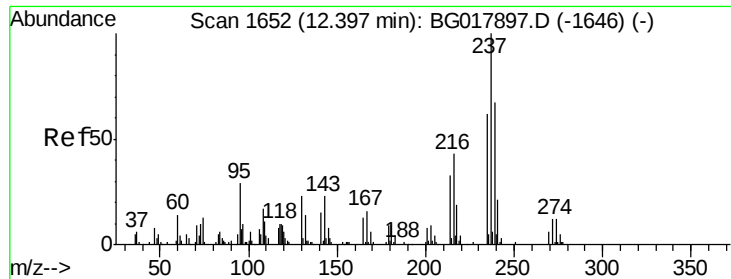
apatel
7/16/2015 4:37:43 PM



#36
1,2,4,5-Tetrachlorobenzene
Concen: 5.89 ng/ul
RT: 12.41 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Tgt Ion:216 Resp: 32812
Ion Ratio Lower Upper
216 100
214 84.7 68.2 102.2
179 24.4 17.2 25.8
108 20.3 21.8 32.6#





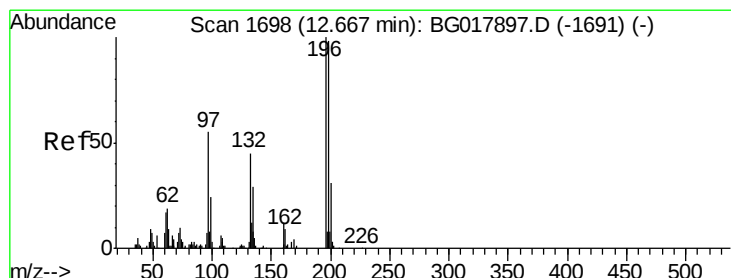
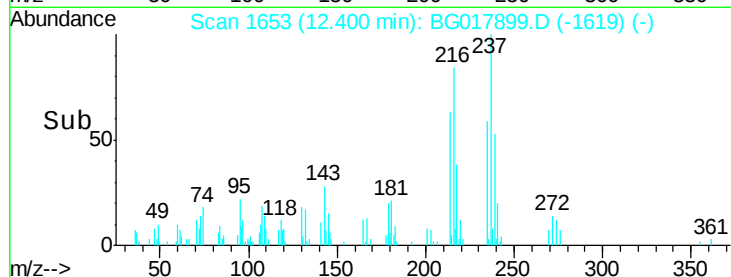
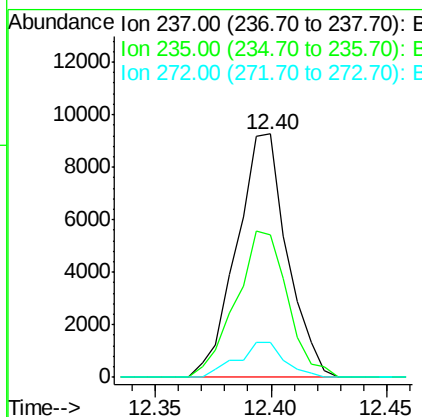
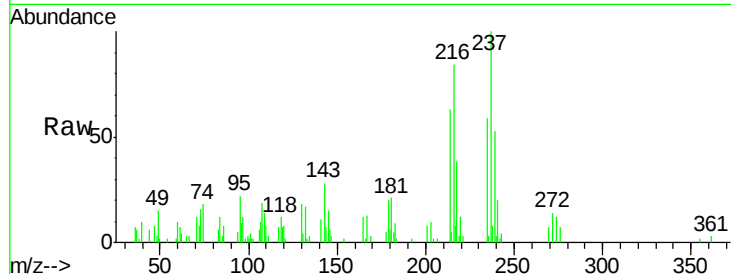
#37
Hexachlorocyclopentadiene
Concen: 4.88 ng/ul
RT: 12.40 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
237	100		
235	54.7	52.4	78.6
272	13.2	9.1	13.7

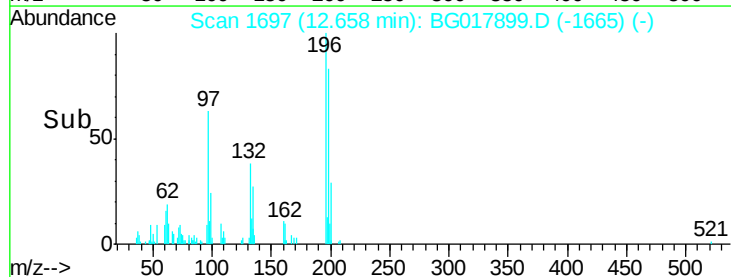
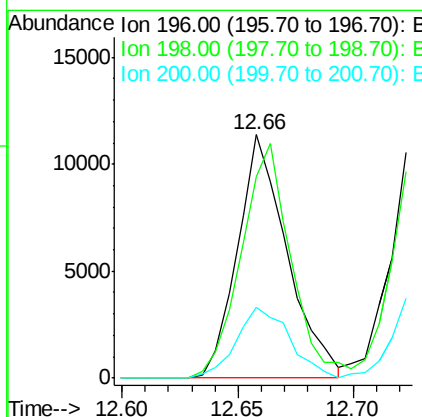
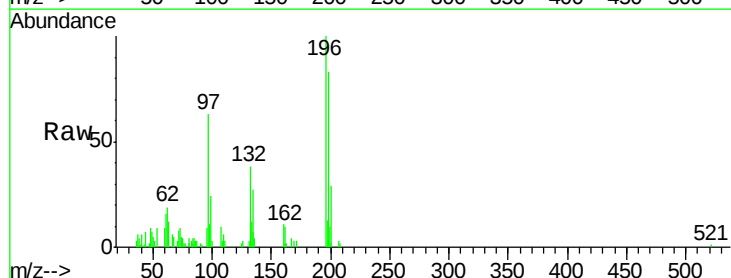
Manual Integrations
APPROVED

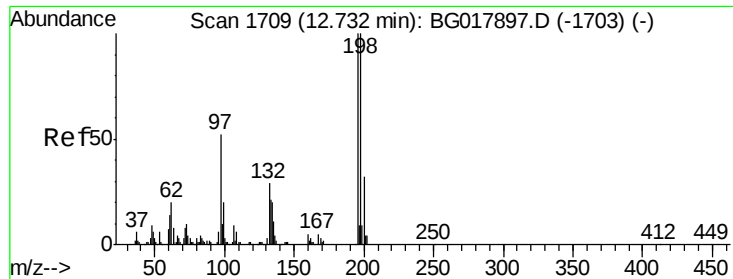
apatel
7/16/2015 4:37:43 PM



#38
2,4,6-Trichlorophenol
Concen: 5.64 ng/ul
RT: 12.66 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	82.6	69.0	103.4
200	29.0	22.2	33.4





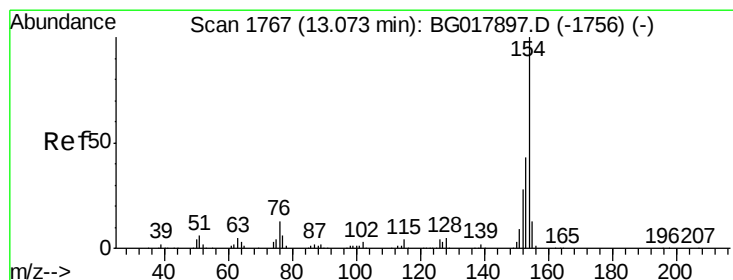
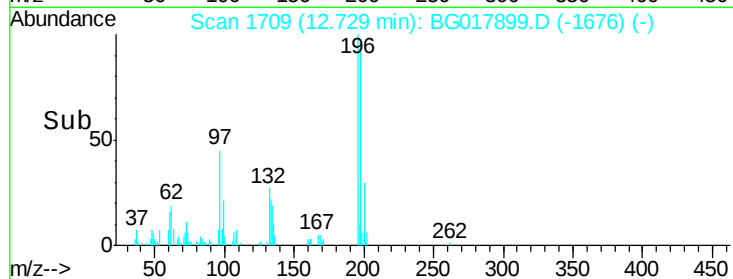
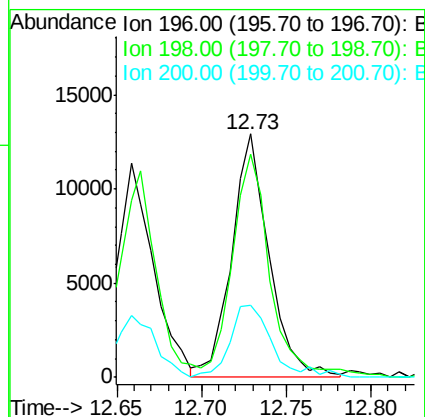
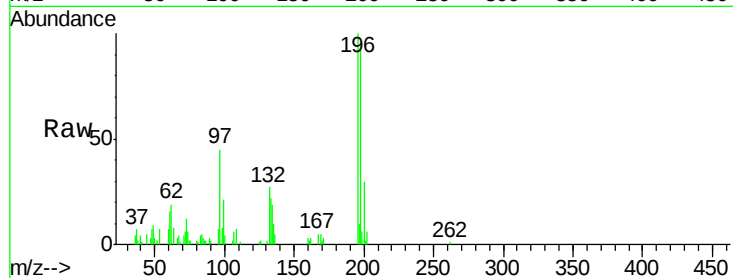
#39
 2,4,5-Trichlorophenol
 Concen: 6.04 ng/ul
 RT: 12.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG017899.D
 Acq: 16 Jul 2015 00:47

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Tgt Ion:	196	Resp:	19891
Ion Ratio	Lower	Upper	
196	100		
198	91.6	76.3	114.5
200	29.8	25.4	38.0

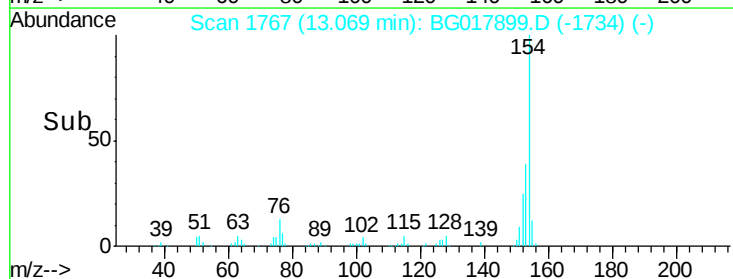
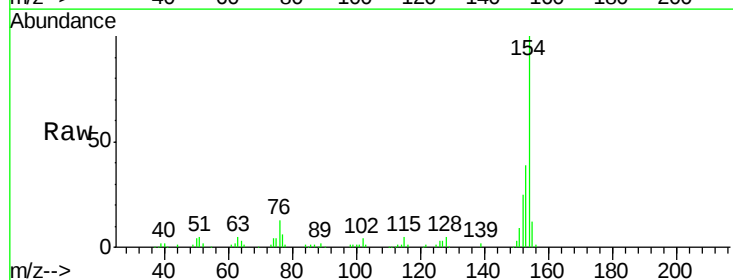
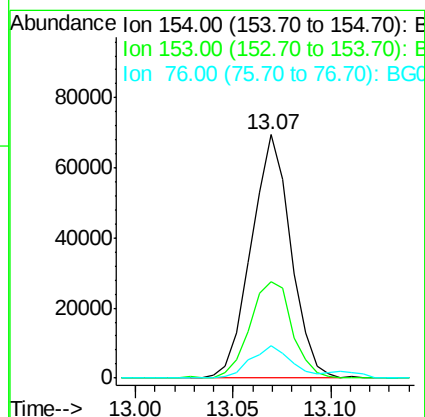
Manual Integrations
 APPROVED

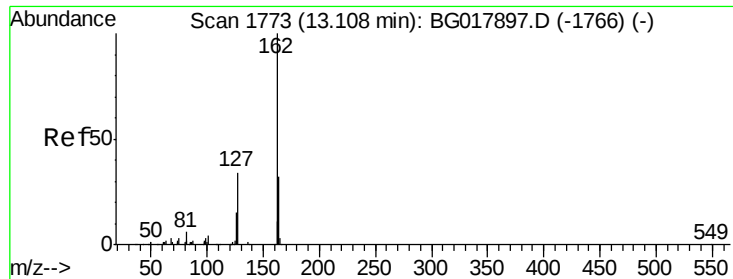
apatel
 7/16/2015 4:37:43 PM



#40
 1,1'-Biphenyl
 Concen: 5.96 ng/ul
 RT: 13.07 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG017899.D
 Acq: 16 Jul 2015 00:47

Tgt Ion:	154	Resp:	97542
Ion Ratio	Lower	Upper	
154	100		
153	39.4	35.0	52.6
76	13.5	14.0	21.0#





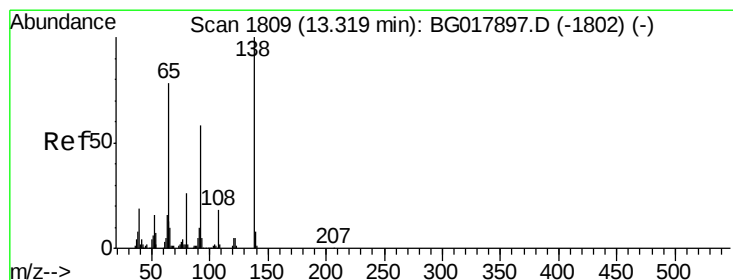
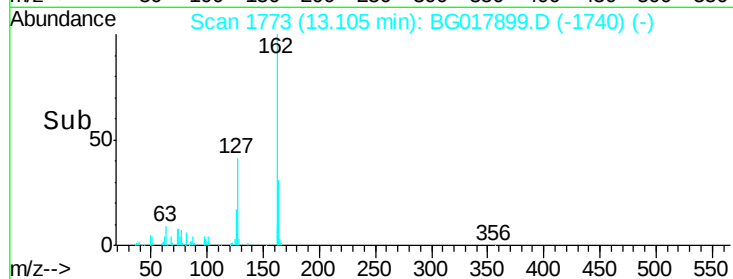
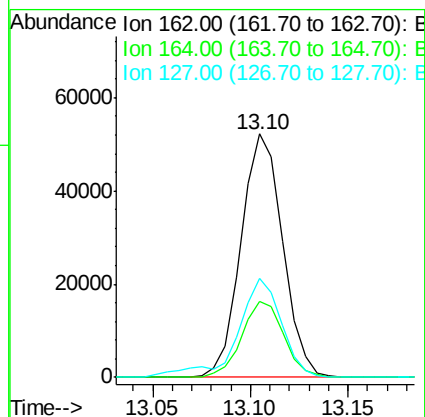
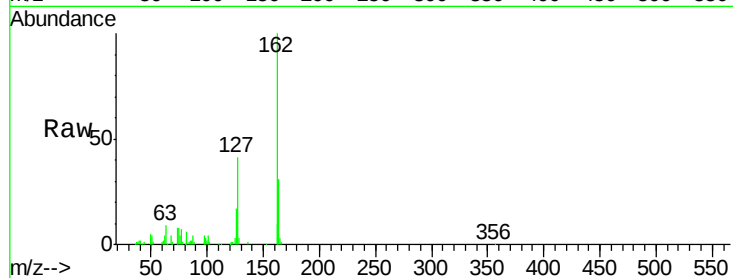
#41
 2-Chloronaphthalene
 Concen: 6.13 ng/ul
 RT: 13.10 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG017899.D
 Acq: 16 Jul 2015 00:47

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Lower	Upper
162	100		
164	30.9	22.9	34.3
127	40.8	32.7	49.1

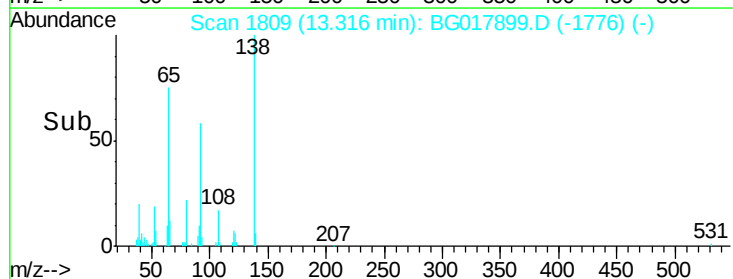
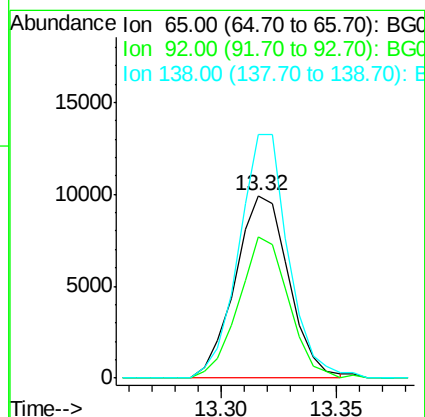
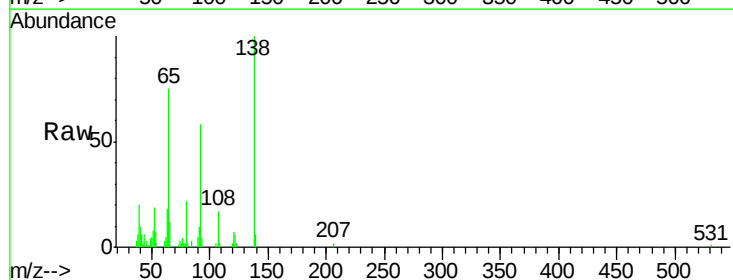
Manual Integrations
 APPROVED

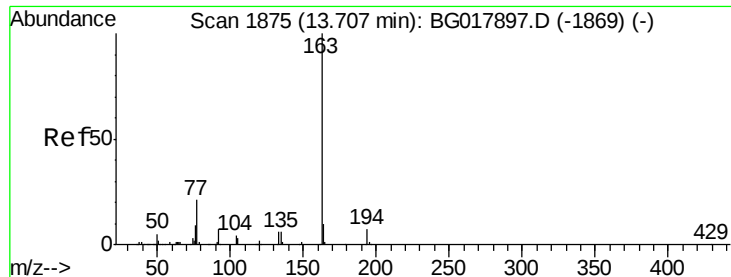
apatel
 7/16/2015 4:37:43 PM



#42
 2-Nitroaniline
 Concen: 4.34 ng/ul
 RT: 13.32 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: BG017899.D
 Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.5	53.7	80.5
138	133.6	81.8	122.8#





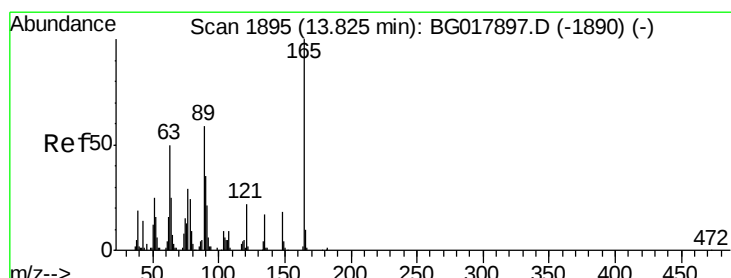
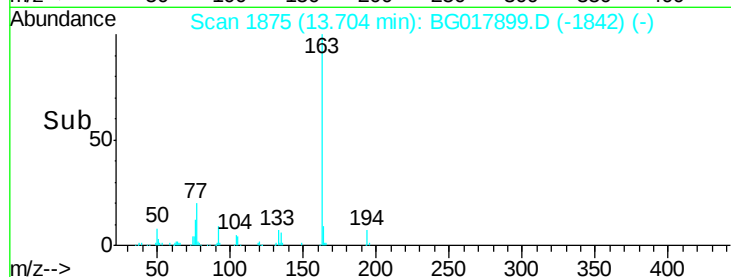
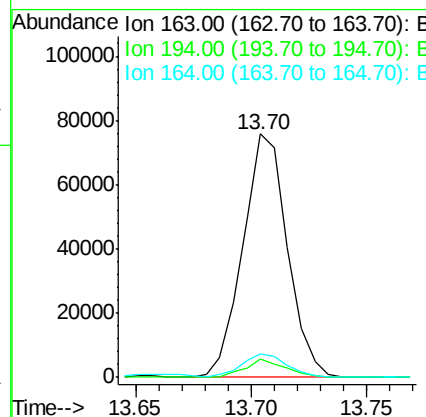
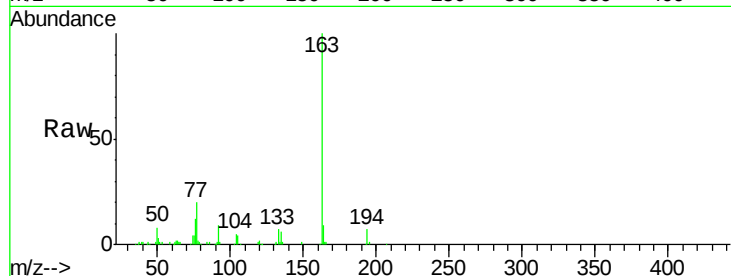
#44
Dimethylphthalate
Concen: 6.58 ng/ul
RT: 13.70 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	7.5	5.4	8.0
164	9.4	8.0	12.0

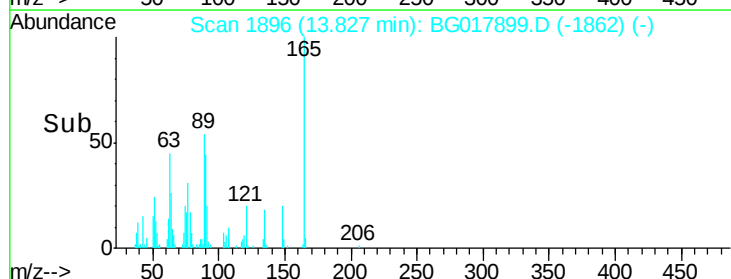
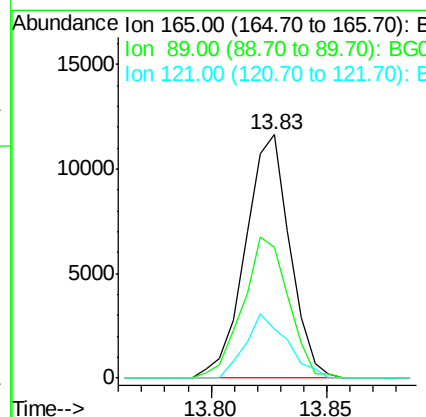
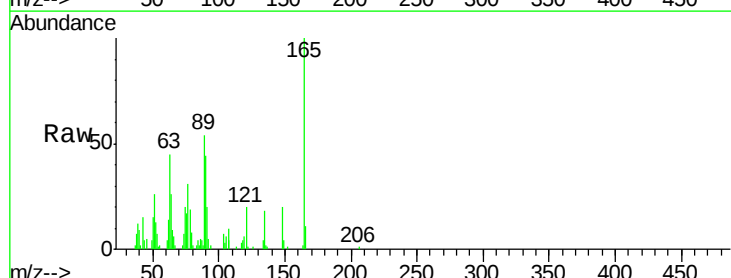
Manual Integrations
APPROVED

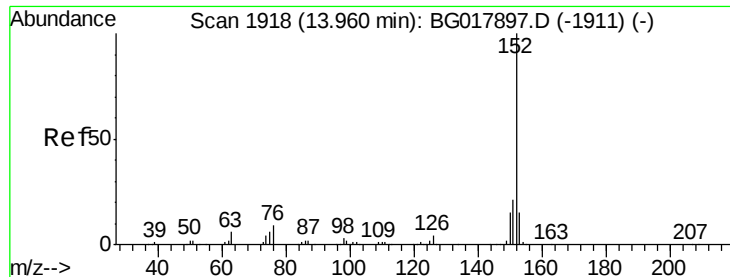
apatel
7/16/2015 4:37:43 PM



#45
2,6-Dinitrotoluene
Concen: 5.54 ng/ul
RT: 13.83 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
89	54.0	55.4	83.2#
121	20.1	20.6	30.8#





#47

Acenaphthylene

Concen: 6.13 ng/ul

RT: 13.96 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Instrument :

BNA_G

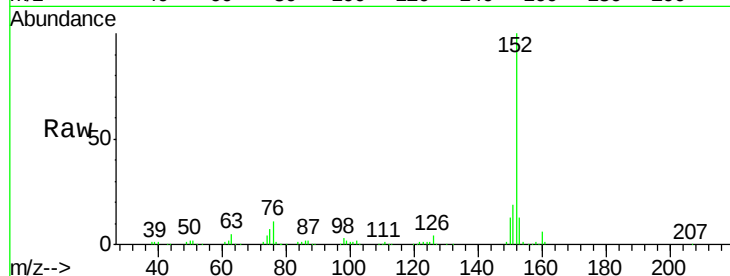
ClientSampleId :

MDL-04-W

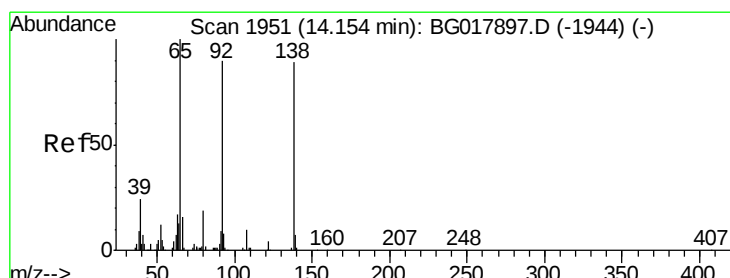
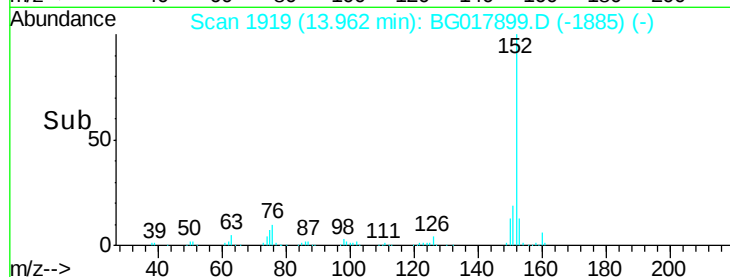
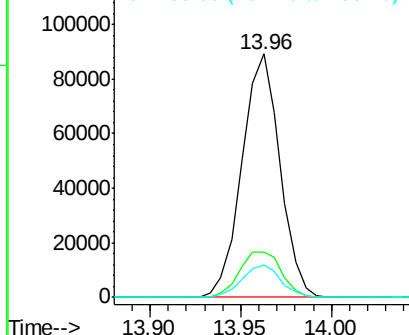
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	130065		
151	18.8	16.3	24.5	
153	13.1	10.7	16.1	

Manual Integrations
APPROVED

apatel
7/16/2015 4:37:43 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 5.40 ng/ul

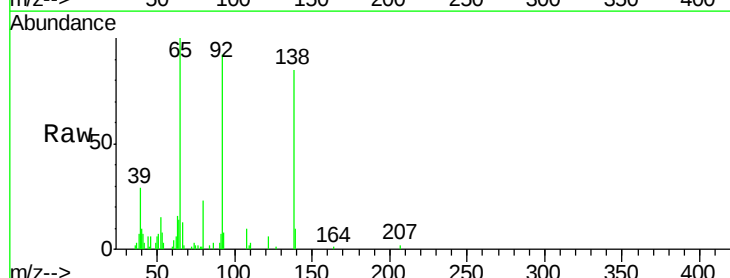
RT: 14.15 min Scan# 1951

Delta R.T. -0.00 min

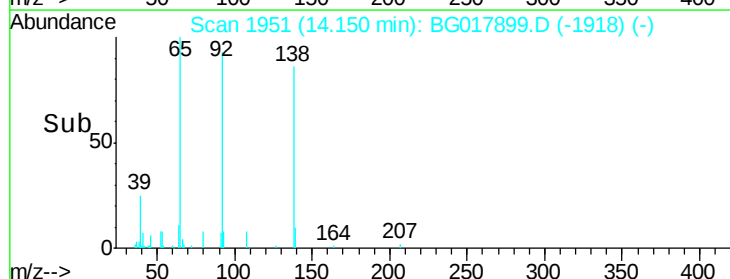
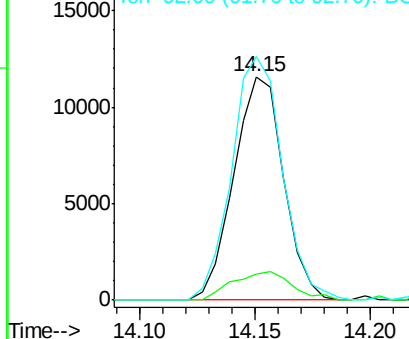
Lab File: BG017899.D

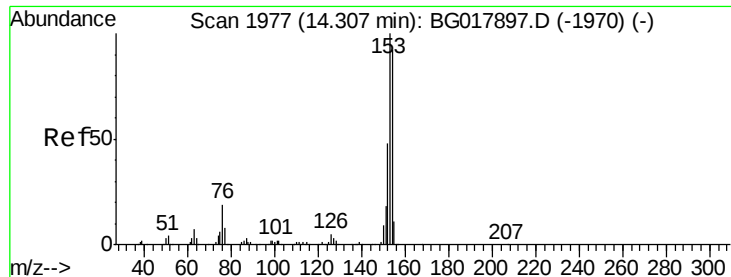
Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	17371		
108	11.5	8.7	13.1	
92	108.9	84.3	126.5	



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): BGO





#49

Acenaphthene

Concen: 5.95 ng/ul

RT: 14.31 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BG017899.D

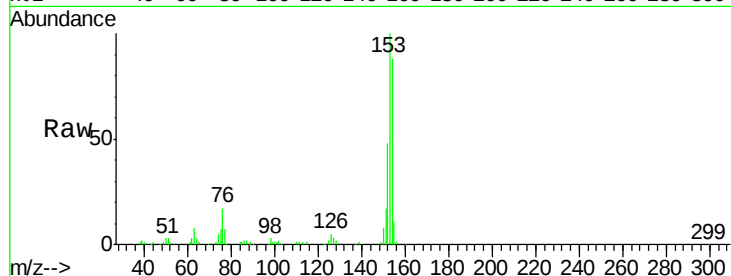
Acq: 16 Jul 2015 00:47

Instrument :

BNA_G

ClientSampleId :

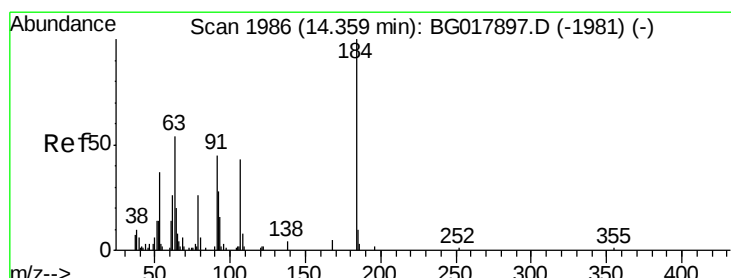
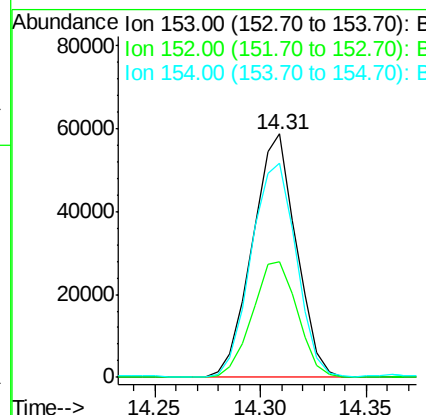
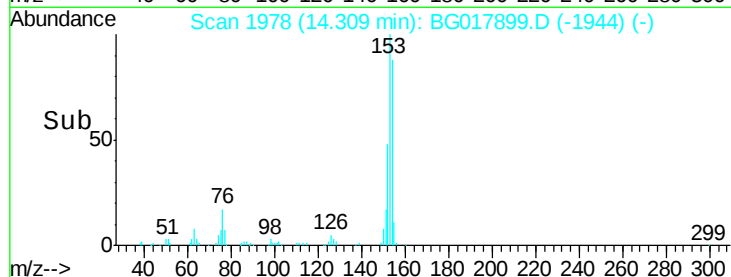
MDL-04-W



Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.8	56.6
154	88.1	71.0	106.4

Manual Integrations
APPROVED

apatel
7/16/2015 4:37:43 PM



#50

2,4-Dinitrophenol

Concen: 1.80 ng/ul

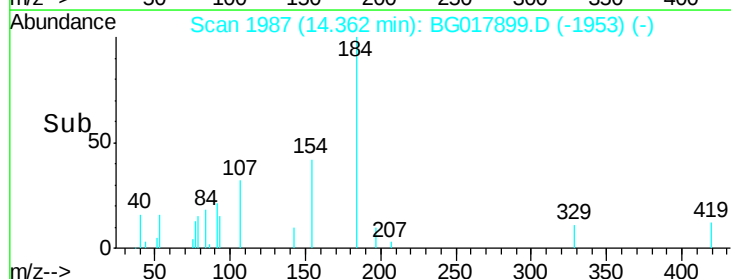
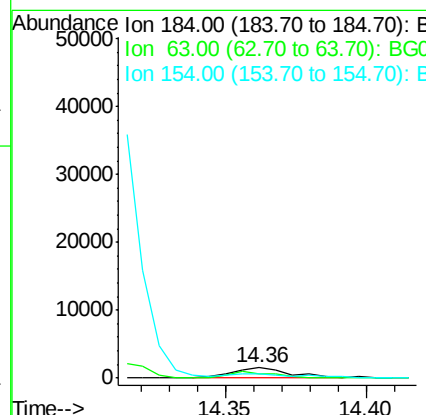
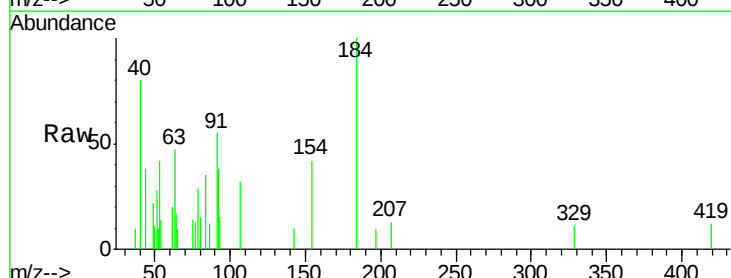
RT: 14.36 min Scan# 1987

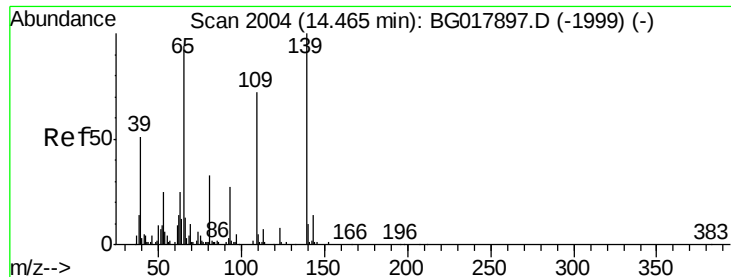
Delta R.T. 0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.3	60.3	90.5#
154	42.1	48.7	73.1#





#52

4-Nitrophenol

Concen: 5.54 ng/ul m

RT: 14.47 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Instrument :

BNA_G

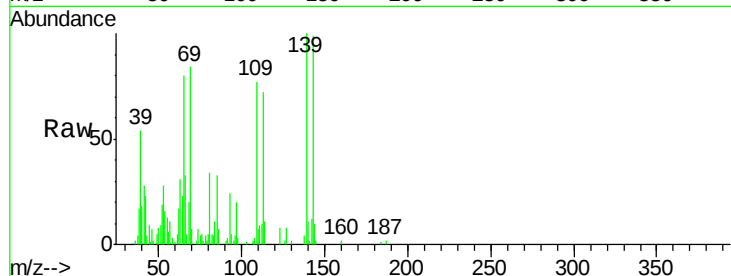
ClientSampleId :

MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	13085		
139	130.2	96.9	145.3	
65	104.6	121.1	181.7	

Manual Integrations
APPROVED

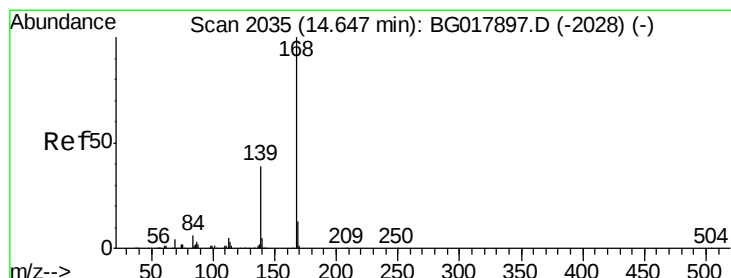
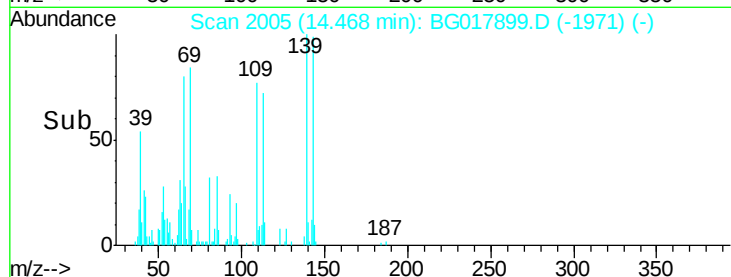
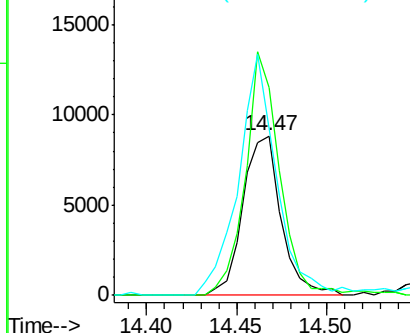
apatel
7/16/2015 4:37:43 PM



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): B



#53

Dibenzofuran

Concen: 6.26 ng/ul

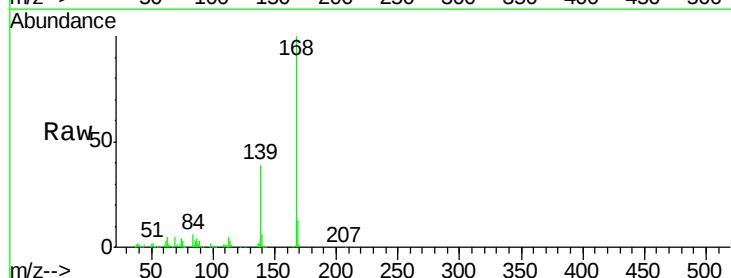
RT: 14.64 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG017899.D

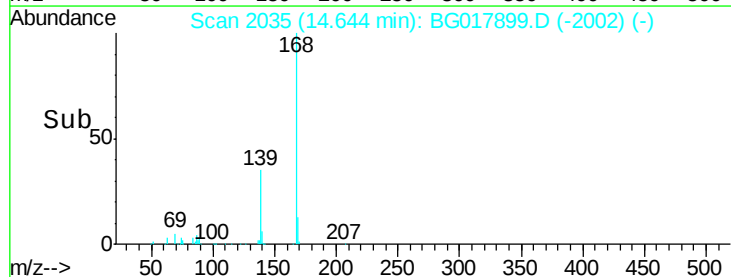
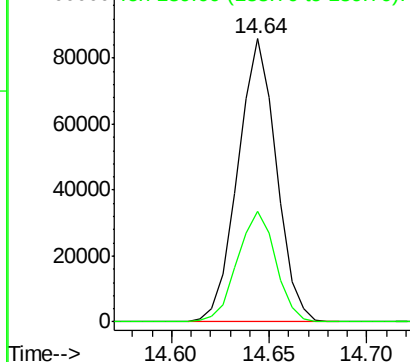
Acq: 16 Jul 2015 00:47

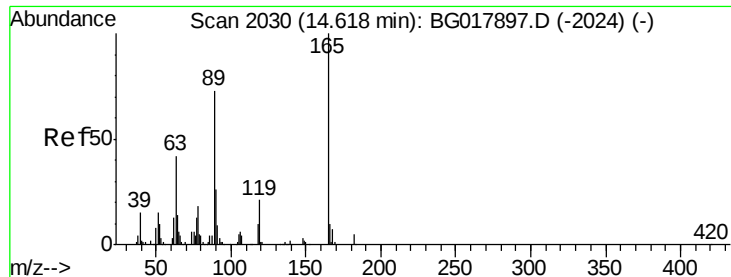
Tgt Ion	Ratio	Resp	Lower	Upper
168	100	117570		
139	39.3	33.6	50.4	



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 5.60 ng/ul

RT: 14.61 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Instrument :

BNA_G

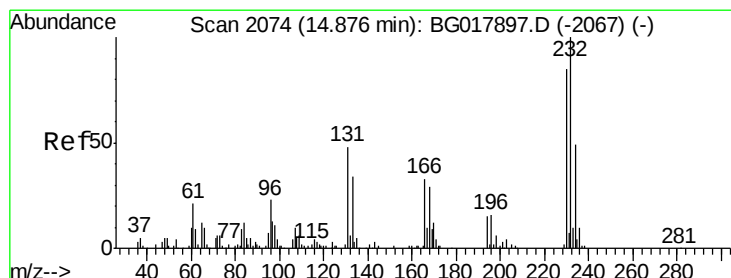
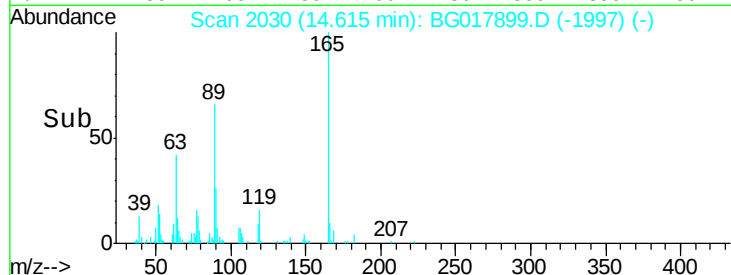
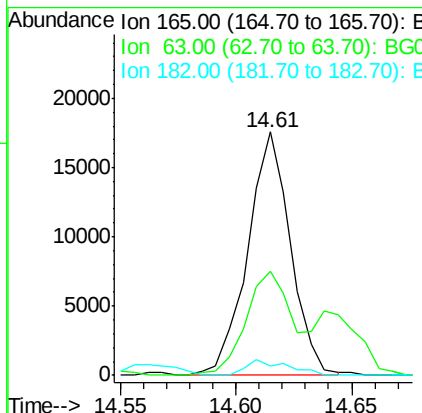
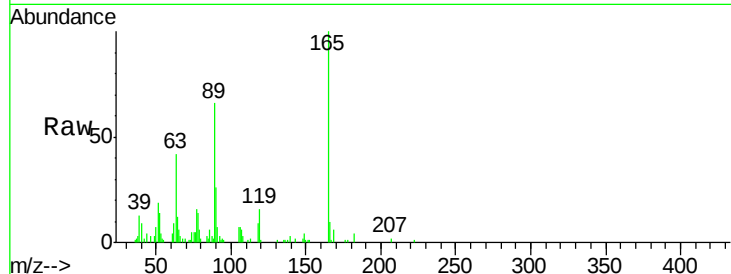
ClientSampleId :

MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	22687		
63	42.5	48.0	72.0#	
182	3.9	3.7	5.5	

Manual Integrations
APPROVED

apatel
7/16/2015 4:37:43 PM



#55

2,3,4,6-Tetrachlorophenol

Concen: 6.26 ng/ul

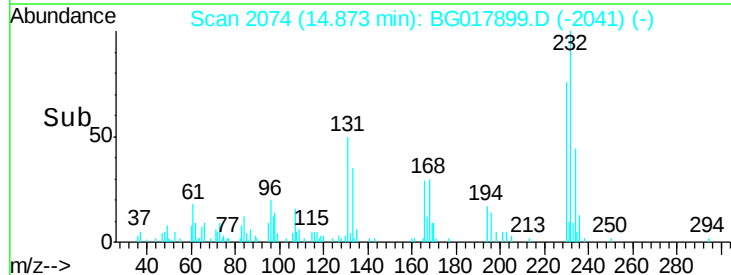
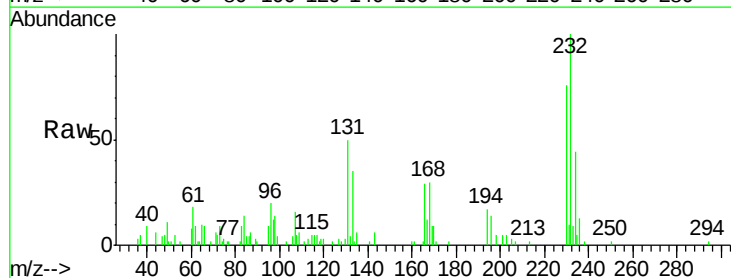
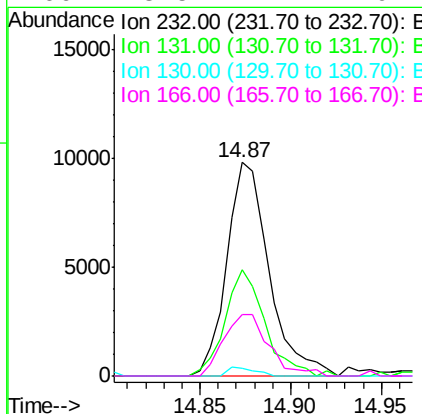
RT: 14.87 min Scan# 2074

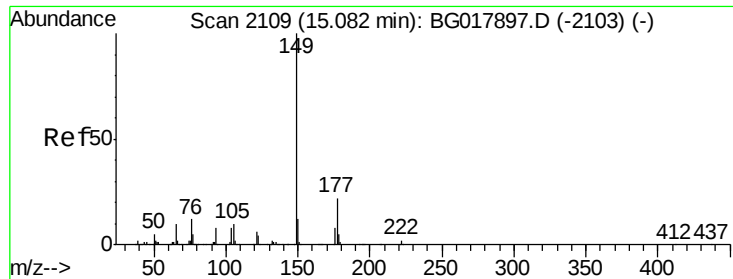
Delta R.T. -0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	15922		
131	50.0	50.1	75.1#	
130	3.5	2.4	3.6	
166	28.5	27.1	40.7	





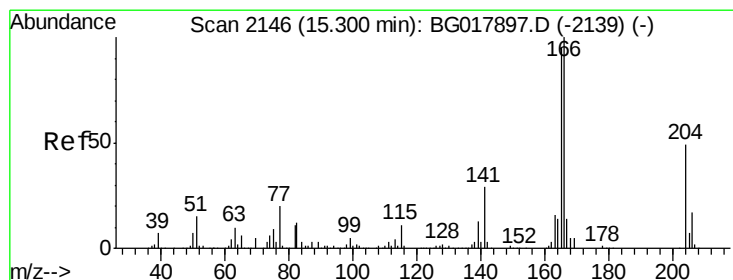
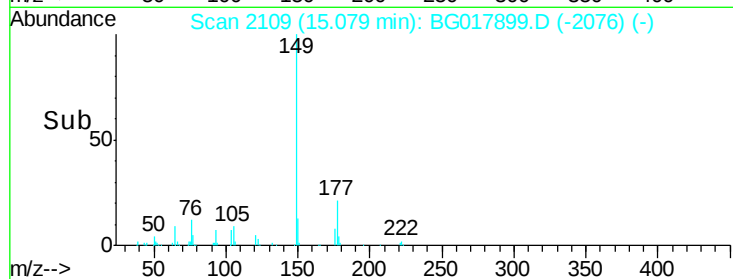
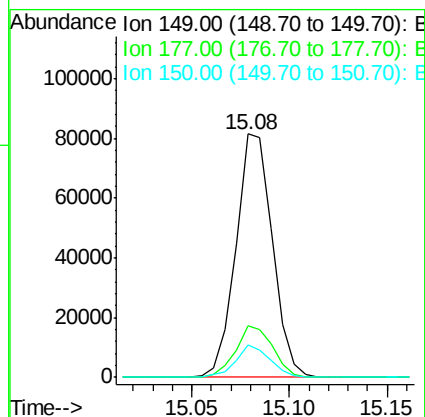
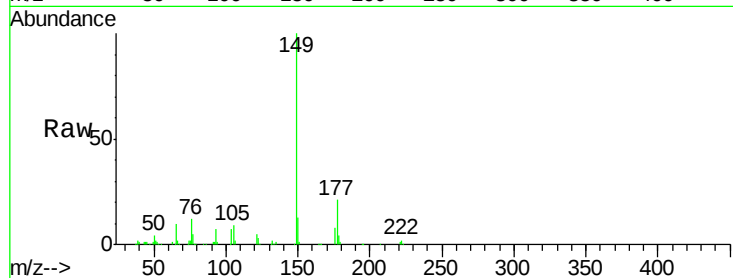
#56
Diethylphthalate
Concen: 6.63 ng/ul
RT: 15.08 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.0	17.5	26.3
150	13.4	10.2	15.4

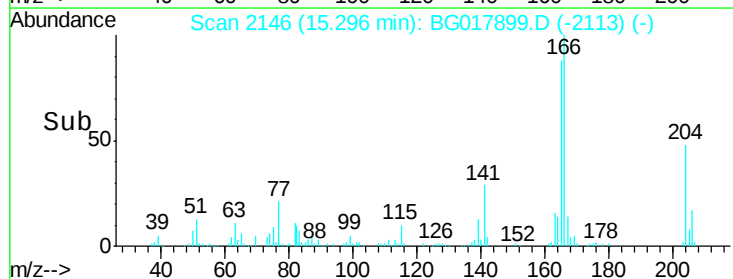
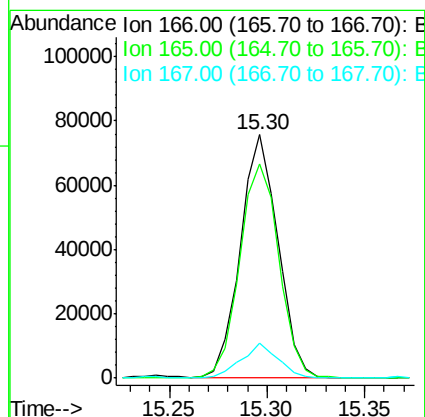
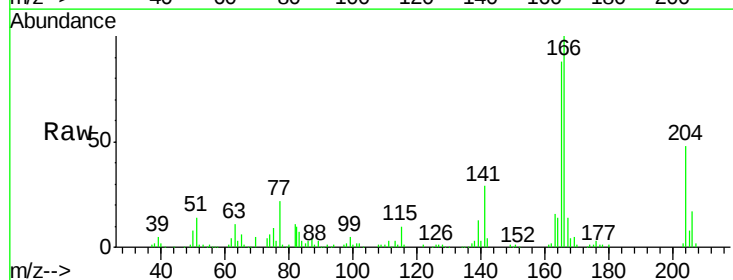
Manual Integrations
APPROVED

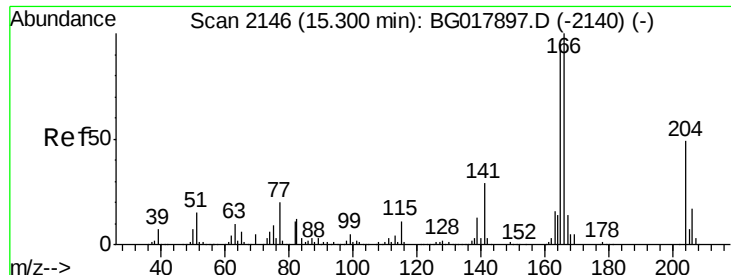
apatel
7/16/2015 4:37:43 PM



#58
Fluorene
Concen: 6.21 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	88.2	73.3	109.9
167	14.4	11.0	16.4





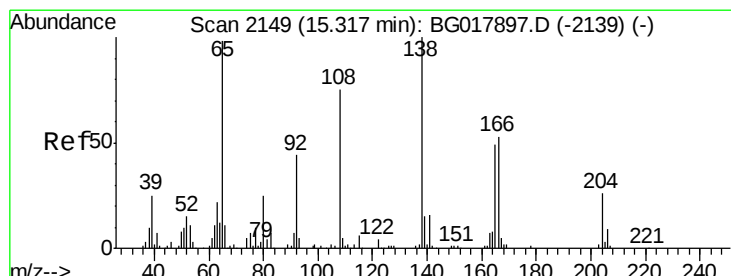
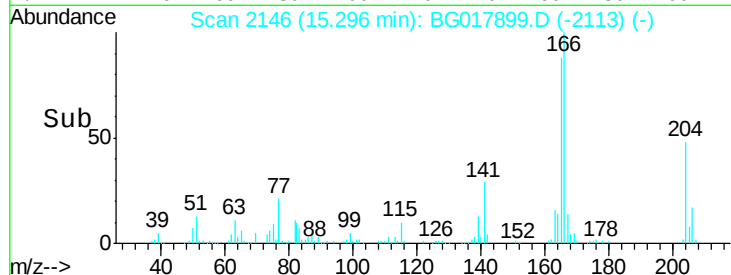
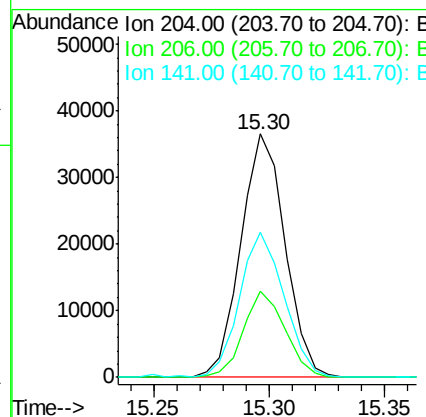
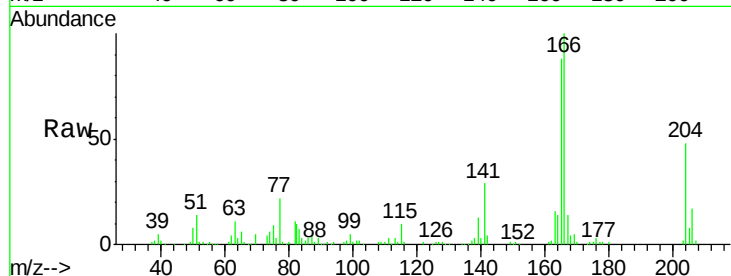
#59
 4-Chlorophenyl-phenylether
 Concen: 6.44 ng/ul
 RT: 15.30 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG017899.D
 Acq: 16 Jul 2015 00:47

Instrument :
 BNA_G
 ClientSampled :
 MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	48762		
206	35.2	25.7	38.5	
141	59.4	52.5	78.7	

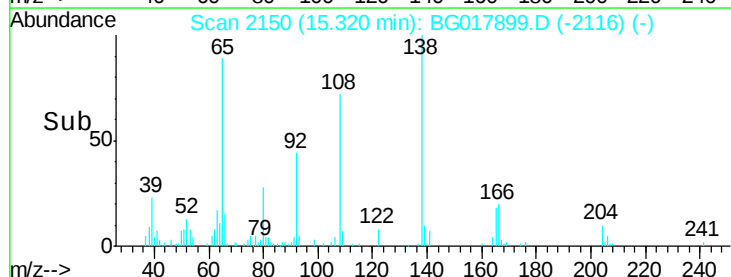
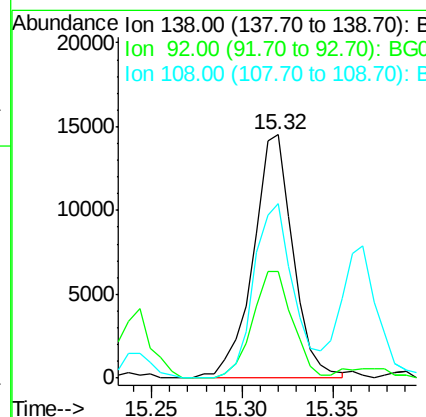
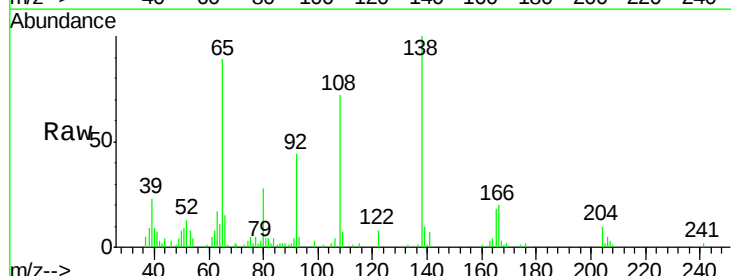
Manual Integrations
 APPROVED

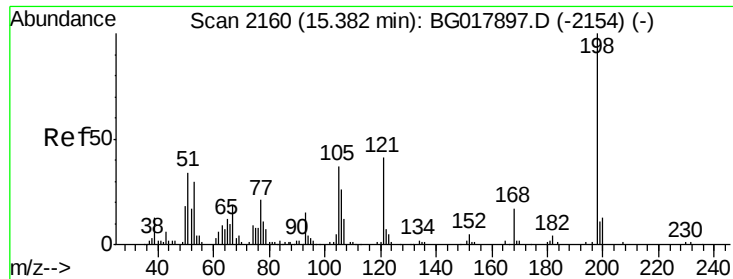
apatel
 7/16/2015 4:37:43 PM



#60
 4-Nitroaniline
 Concen: 5.78 ng/ul
 RT: 15.32 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG017899.D
 Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	22155		
92	43.6	38.6	58.0	
108	71.7	62.0	93.0	





#63

4,6-Dinitro-2-methylphenol

Concen: 4.39 ng/ul

RT: 15.38 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Instrument :

BNA_G

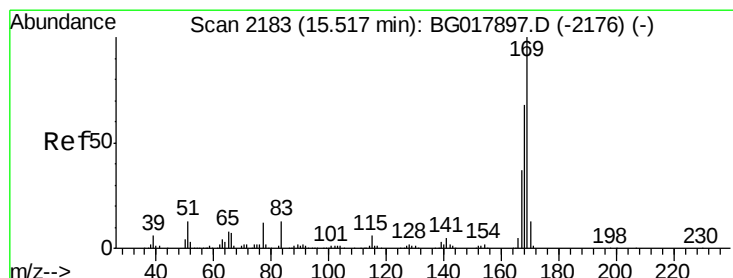
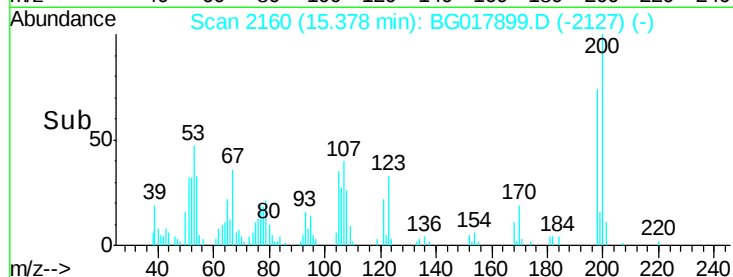
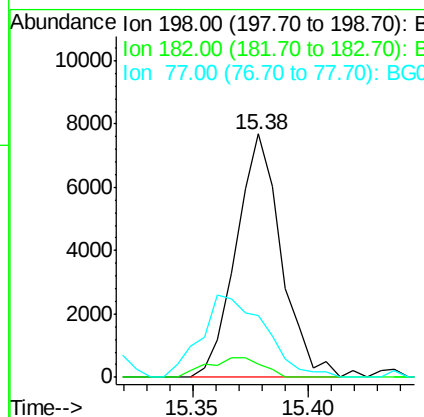
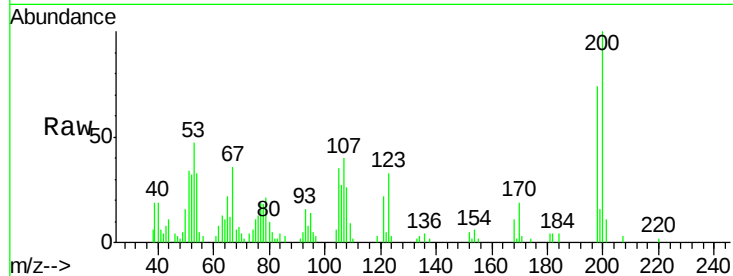
ClientSampled :

MDL-04-W

Tgt Ion:	198	Resp:	10439
Ion Ratio	Lower	Upper	
198	100		
182	5.6	3.8	5.8
77	25.5	25.8	38.6#

Manual Integrations
APPROVED

apatel
7/16/2015 4:37:43 PM



#64

N-Nitrosodiphenylamine

Concen: 5.99 ng/ul

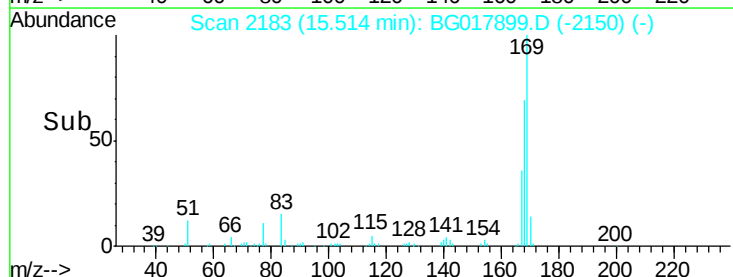
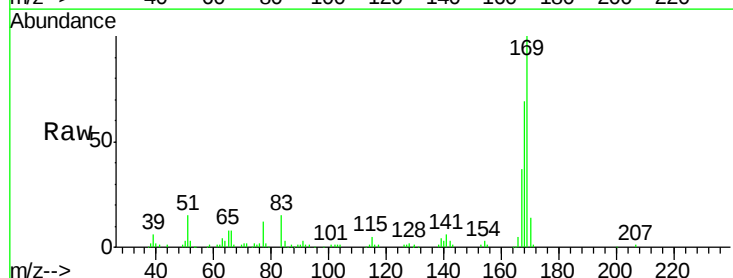
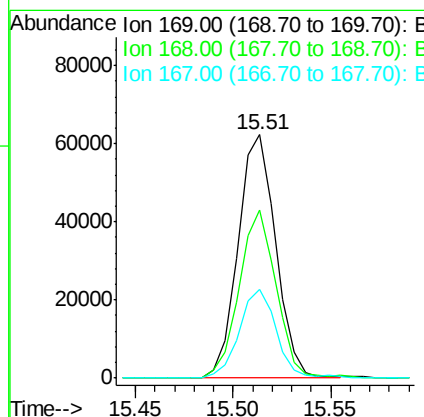
RT: 15.51 min Scan# 2183

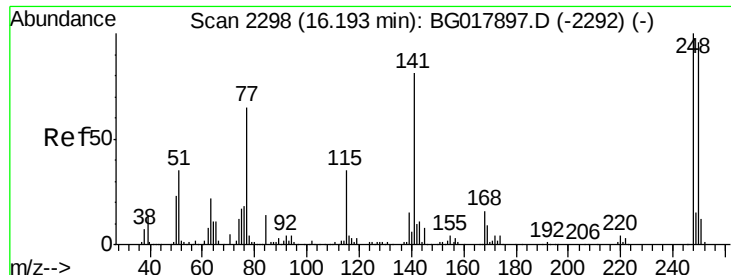
Delta R.T. -0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Tgt Ion:	169	Resp:	83031
Ion Ratio	Lower	Upper	
169	100		
168	68.9	53.7	80.5
167	36.5	29.8	44.8





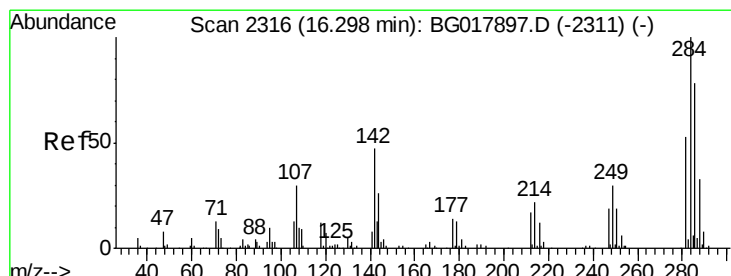
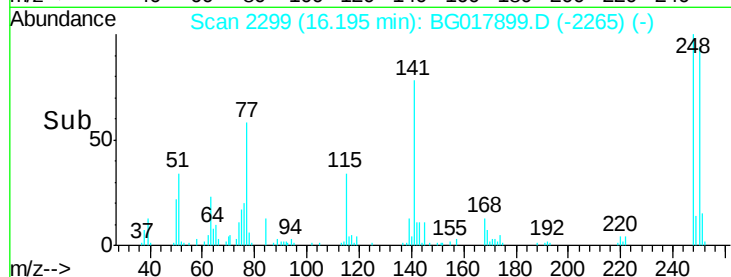
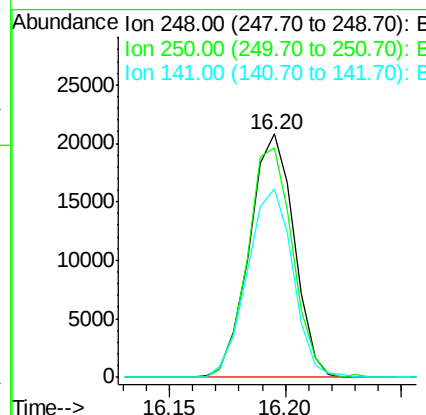
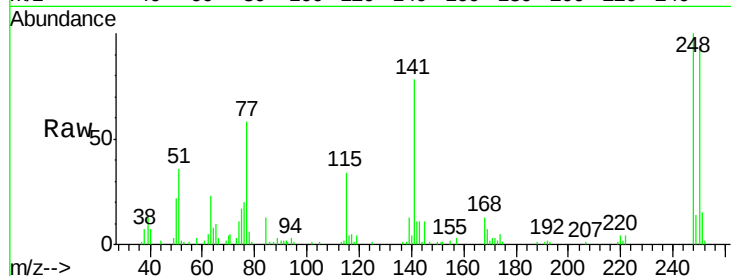
#65
4-Bromophenyl-phenylether
Concen: 6.42 ng/ul
RT: 16.20 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Instrument :
BNA_G
ClientSampled :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.3	81.8	122.6
141	77.6	77.6	116.4

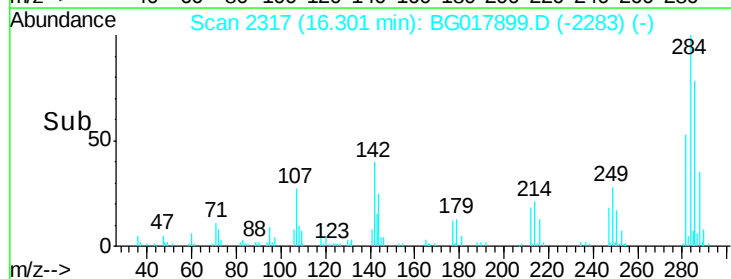
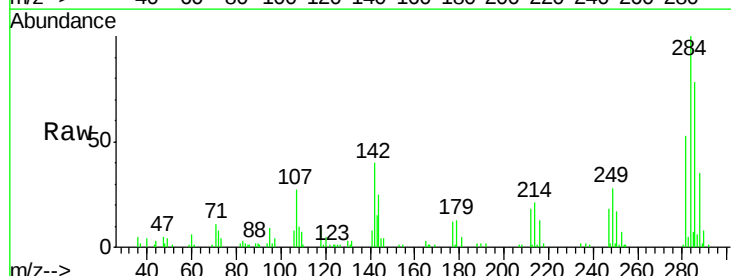
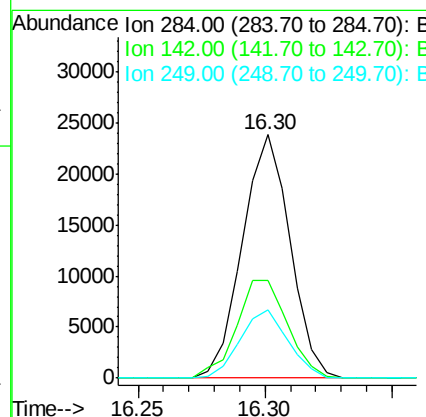
Manual Integrations
APPROVED

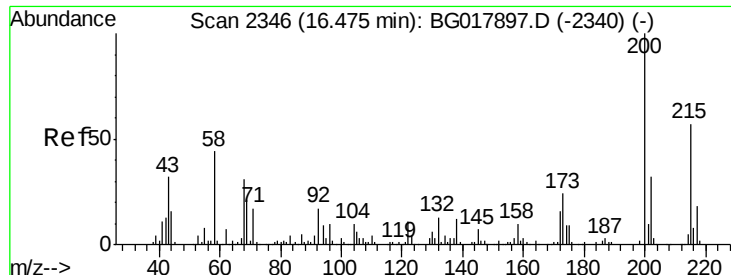
apatel
7/16/2015 4:37:43 PM



#66
Hexachlorobenzene
Concen: 6.59 ng/ul
RT: 16.30 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.0	41.8	62.6#
249	28.0	23.3	34.9





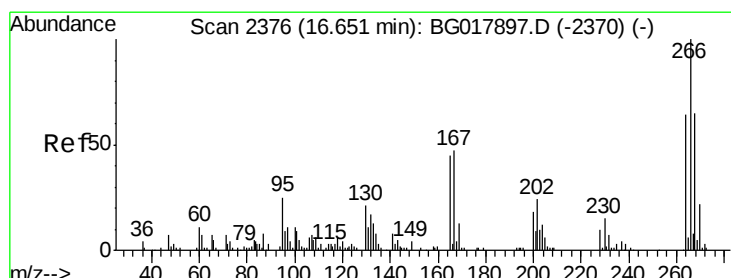
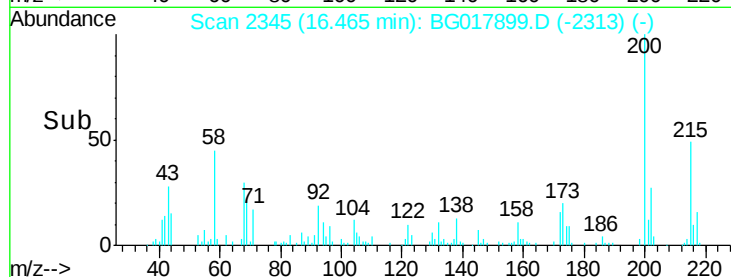
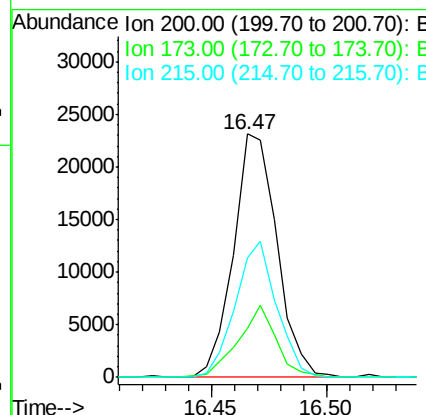
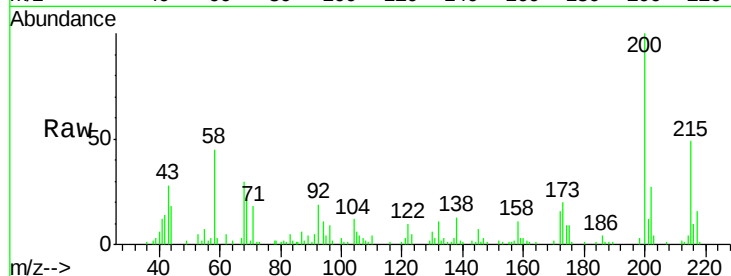
#67
 Atrazine
 Concen: 6.39 ng/ul
 RT: 16.47 min Scan# 2345
 Delta R.T. -0.01 min
 Lab File: BG017899.D
 Acq: 16 Jul 2015 00:47

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	30426		
173	20.4	20.6	30.8#	
215	49.1	40.0	60.0	

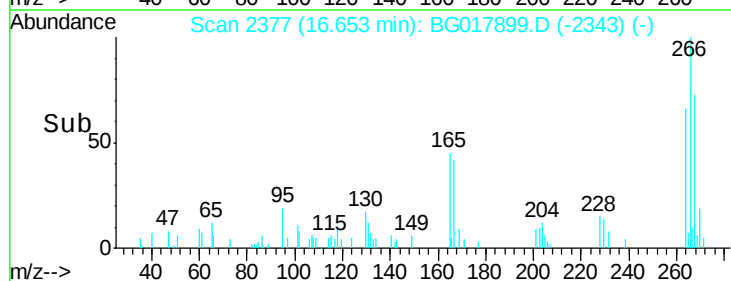
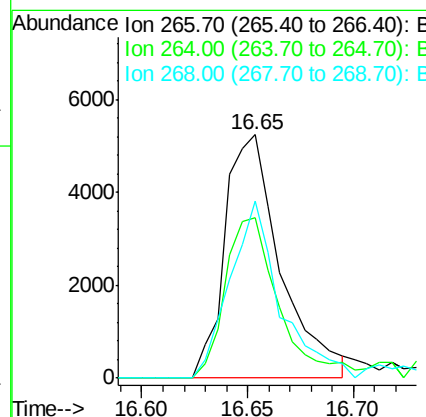
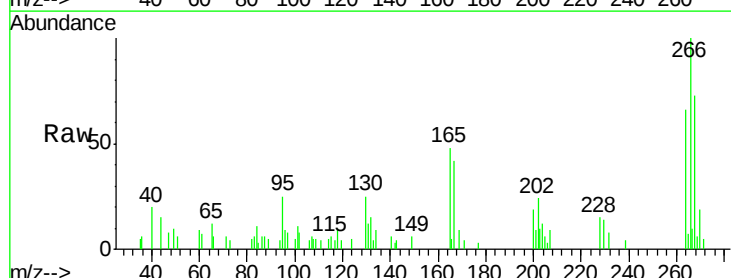
Manual Integrations
 APPROVED

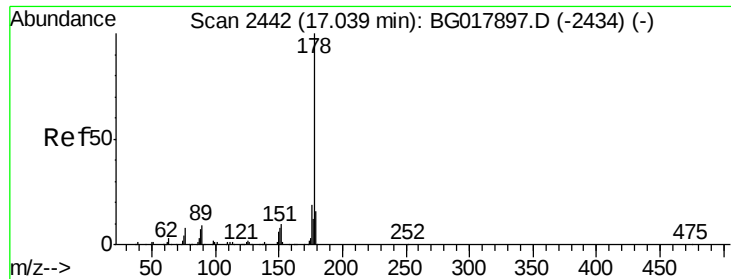
apatel
 7/16/2015 4:37:43 PM



#68
 Pentachlorophenol
 Concen: 4.07 ng/ul
 RT: 16.65 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG017899.D
 Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	9566		
264	65.7	52.0	78.0	
268	79.2	57.3	85.9	





#69

Phenanthrene

Concen: 6.43 ng/ul

RT: 17.04 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Instrument :

BNA_G

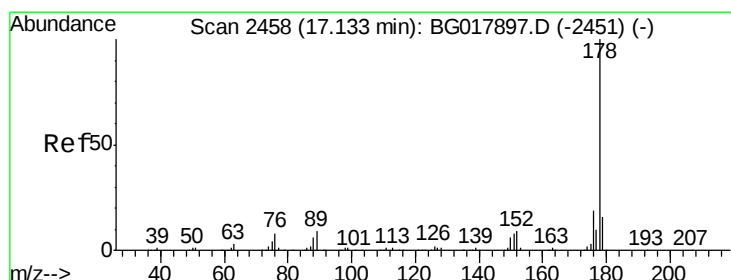
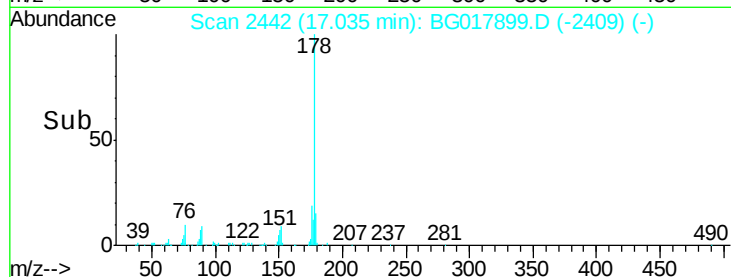
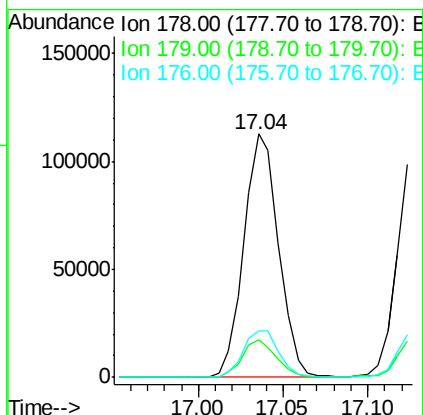
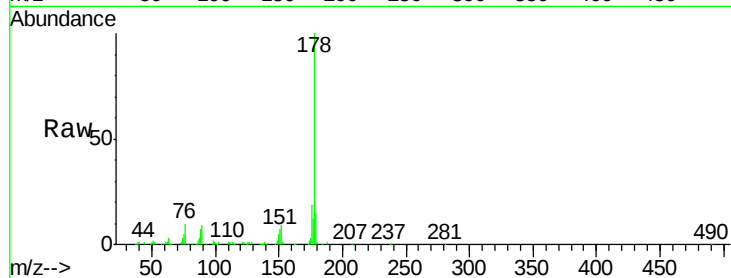
ClientSampleId :

MDL-04-W

Tgt Ion:	178	Resp:	161778
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.6	18.8
176	19.1	16.2	24.2

Manual Integrations
APPROVED

apatel
7/16/2015 4:37:43 PM



#71

Anthracene

Concen: 6.23 ng/ul

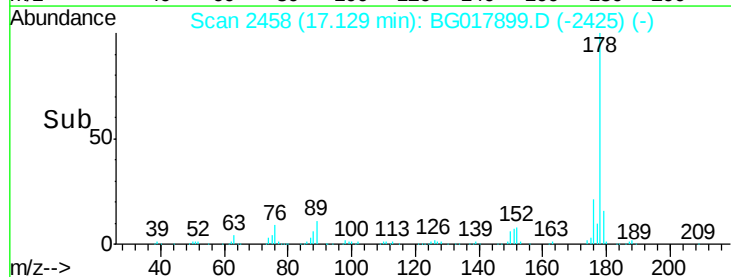
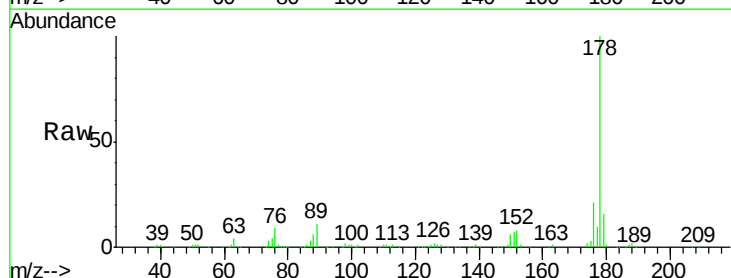
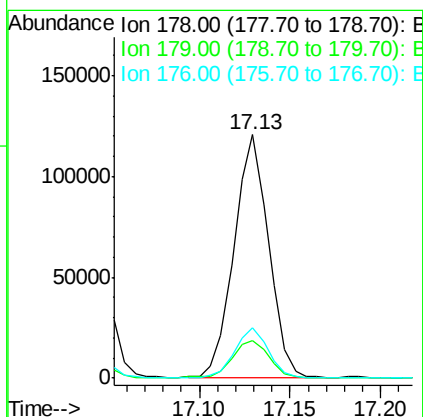
RT: 17.13 min Scan# 2458

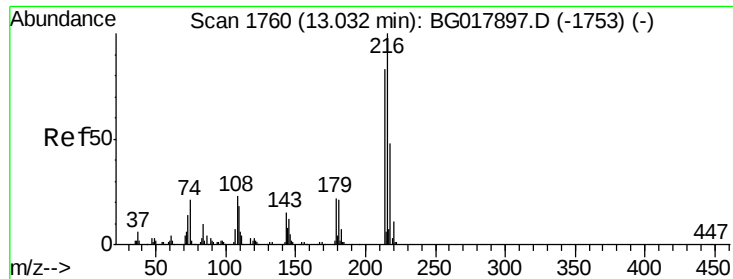
Delta R.T. -0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Tgt Ion:	178	Resp:	160539
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.6	19.0
176	20.7	16.5	24.7





#72

1,2,3,4-Tetrachlorobenzene

Concen: 5.51 ng/uL

RT: 13.03 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Instrument :

BNA_G

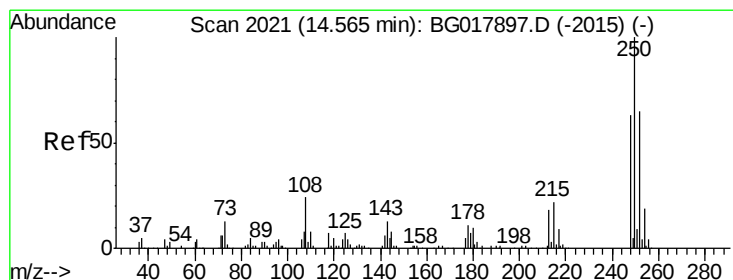
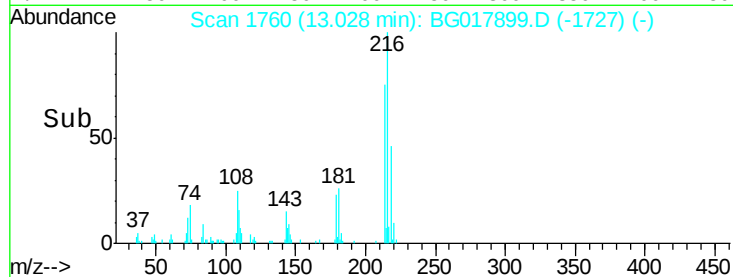
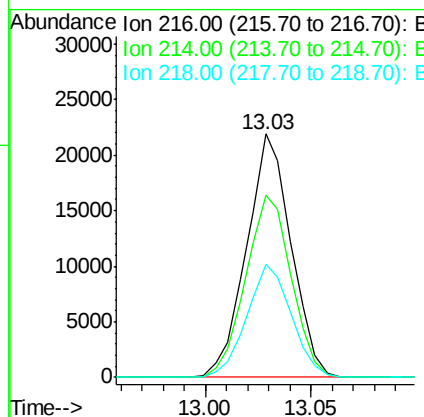
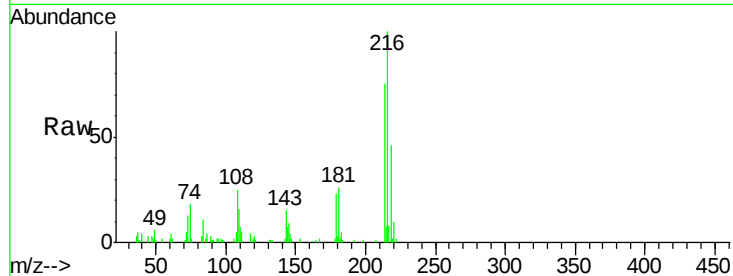
ClientSampleId :

MDL-04-W

Tgt Ion:	216	Resp:	31960
Ion Ratio	Lower	Upper	
216	100		
214	74.6	59.0	88.6
218	46.4	35.8	53.6

Manual Integrations
APPROVED

apatel
7/16/2015 4:37:43 PM



#73

Pentachlorobenzene

Concen: 6.87 ng/uL

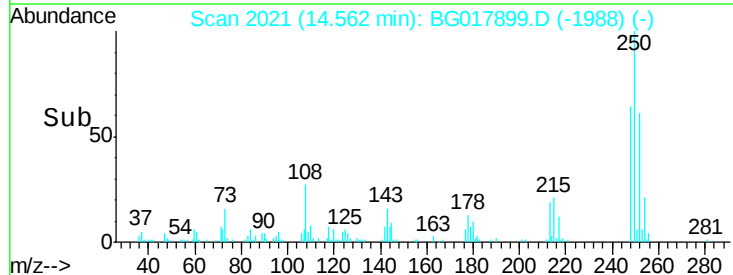
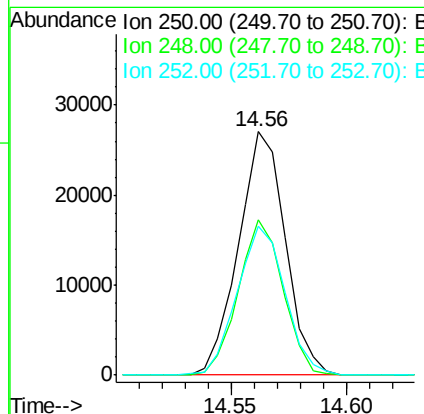
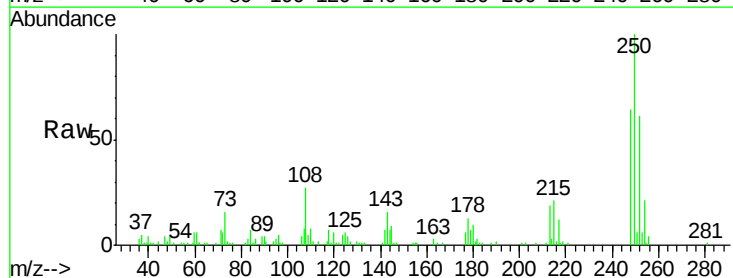
RT: 14.56 min Scan# 2021

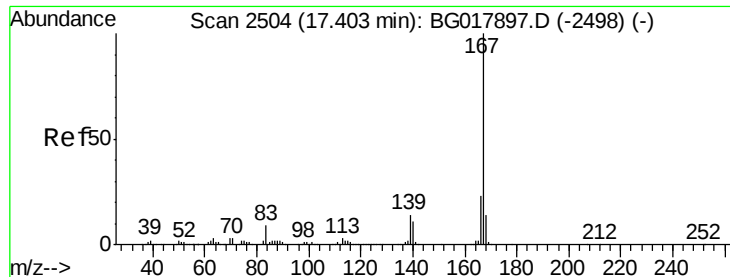
Delta R.T. -0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Tgt Ion:	250	Resp:	38210
Ion Ratio	Lower	Upper	
250	100		
248	63.7	48.8	73.2
252	61.1	48.2	72.2





#74

Carbazole

Concen: 6.53 ng/ul

RT: 17.40 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG017899.D

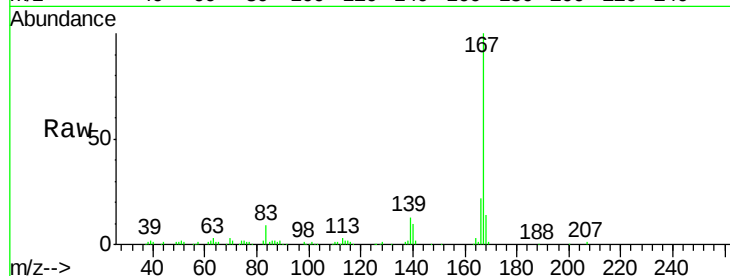
Acq: 16 Jul 2015 00:47

Instrument :

BNA_G

ClientSampled :

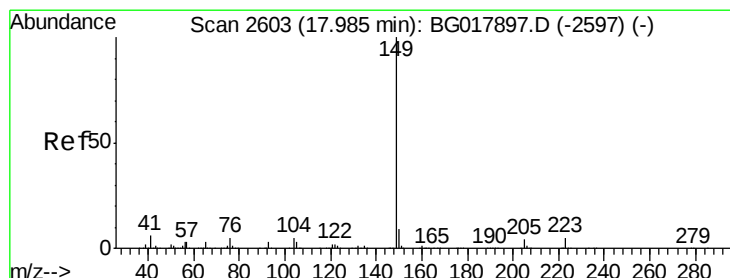
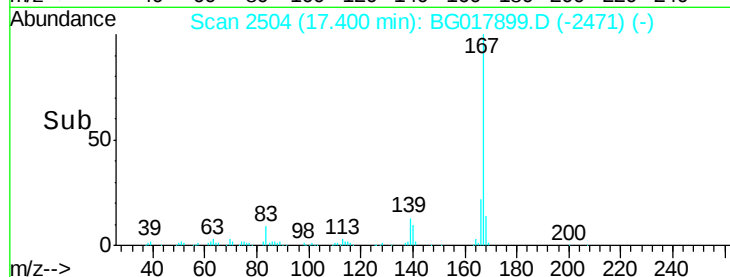
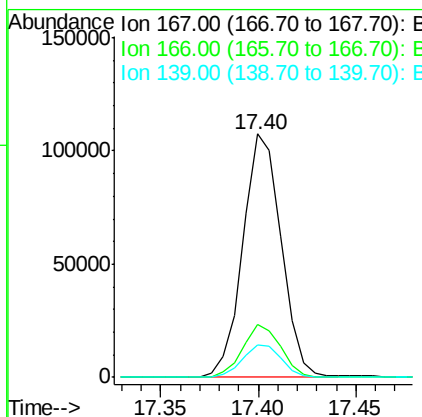
MDL-04-W



Tgt Ion:	167	Resp:	146742
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.8	26.8
139	13.3	11.4	17.2

Manual Integrations
APPROVED

apatel
7/16/2015 4:37:43 PM



#75

Di-n-butylphthalate

Concen: 6.17 ng/ul

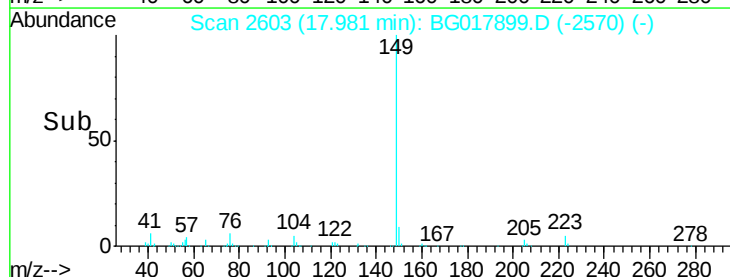
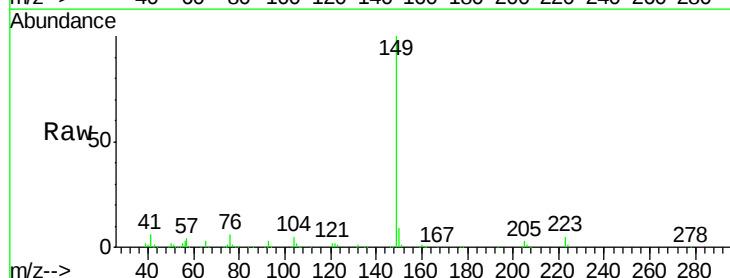
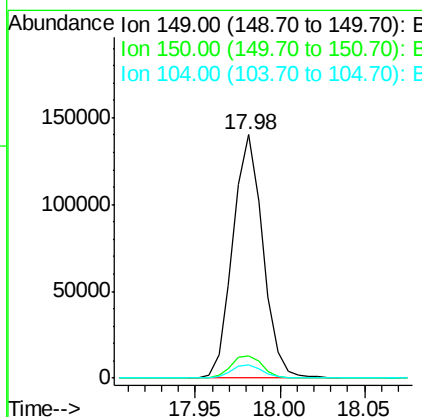
RT: 17.98 min Scan# 2603

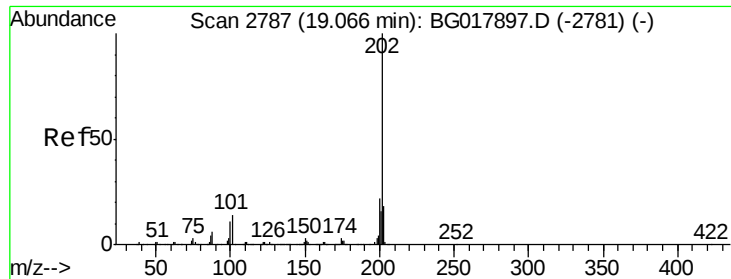
Delta R.T. -0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Tgt Ion:	149	Resp:	173787
Ion Ratio	Lower	Upper	
149	100		
150	9.1	8.2	12.2
104	5.4	5.4	8.2#





#76

Fluoranthene

Concen: 6.80 ng/ul

RT: 19.06 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Instrument :

BNA_G

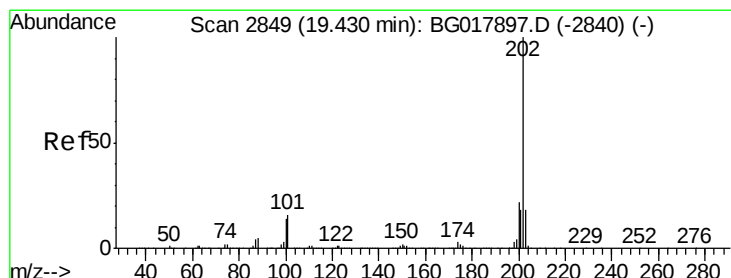
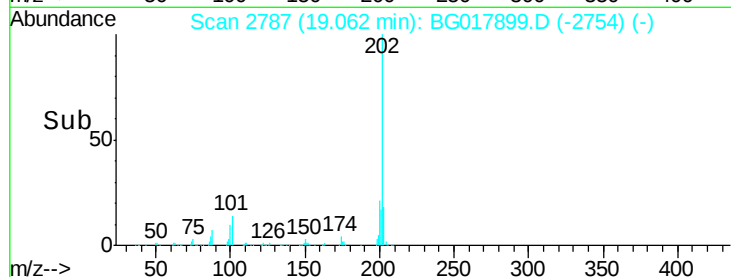
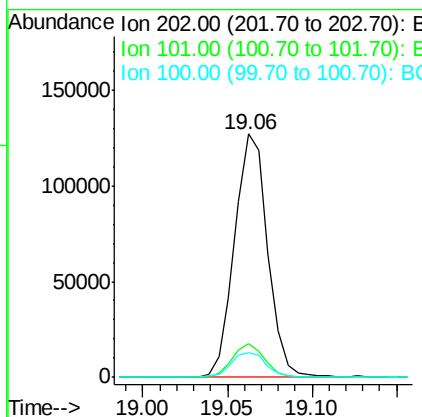
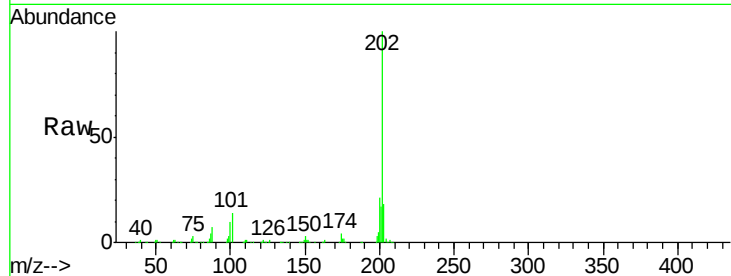
ClientSampleId :

MDL-04-W

Tgt	Ion	202	Resp:	173608
Ion	Ratio	Lower	Upper	
202	100			
101	13.9	12.3	18.5	
100	10.2	9.2	13.8	

Manual Integrations
APPROVED

apatel
7/16/2015 4:37:43 PM



#79

Pyrene

Concen: 6.94 ng/ul

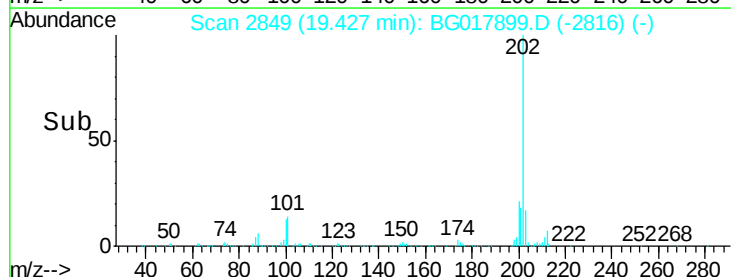
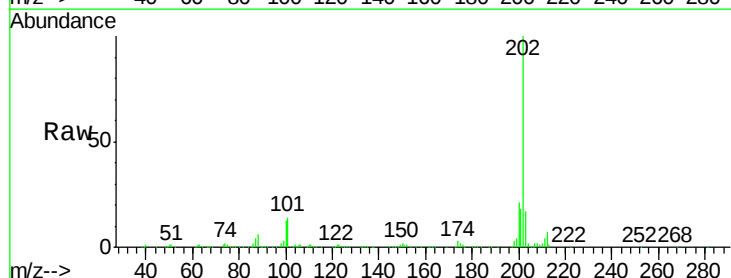
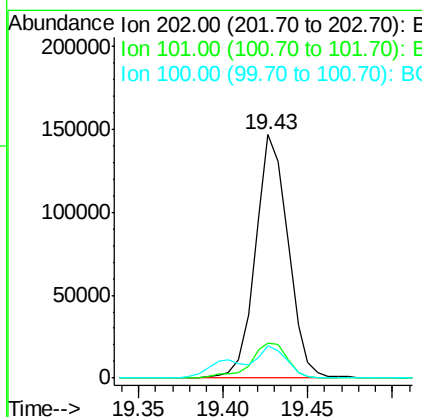
RT: 19.43 min Scan# 2849

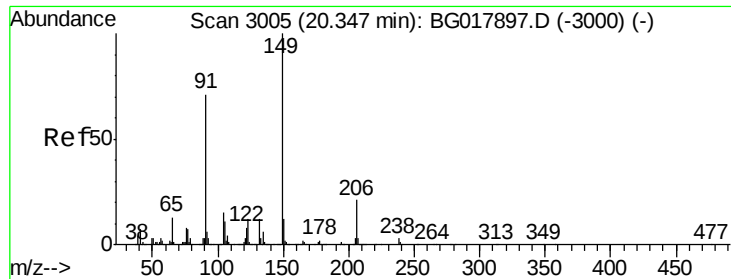
Delta R.T. -0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Tgt	Ion	202	Resp:	197818
Ion	Ratio	Lower	Upper	
202	100			
101	14.3	13.8	20.6	
100	13.1	11.2	16.8	





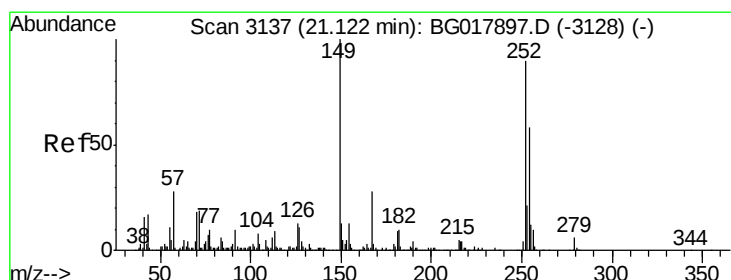
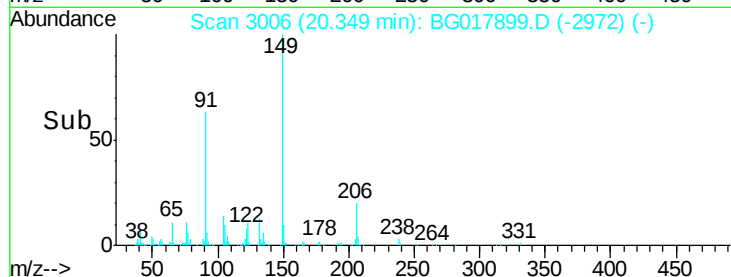
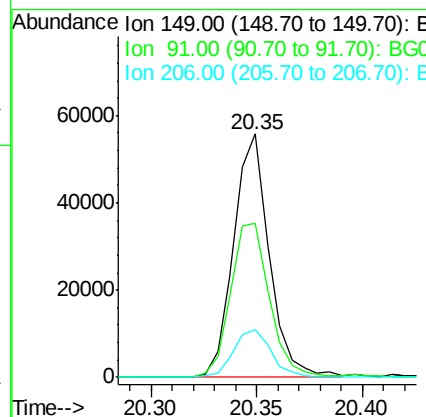
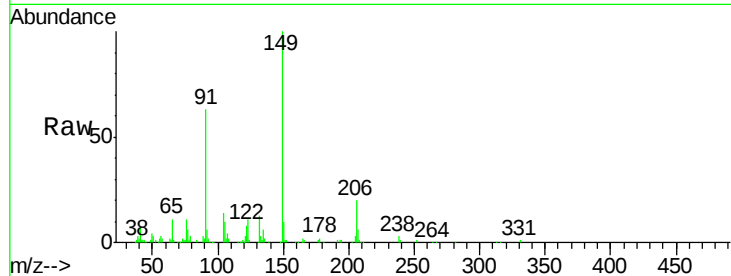
#80
Butylbenzylphthalate
Concen: 5.65 ng/ul
RT: 20.35 min Scan# 3006
Delta R.T. 0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.1	64.3	96.5#
206	19.7	15.3	22.9

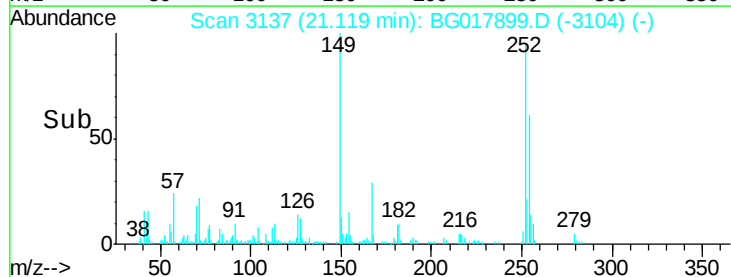
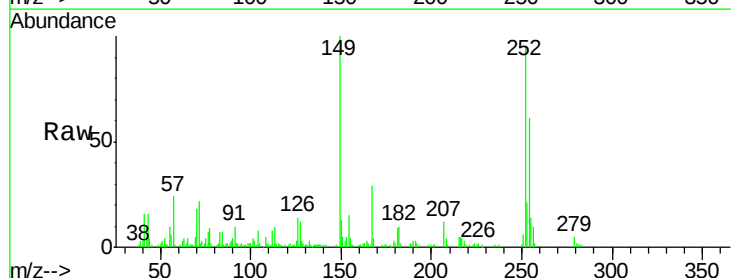
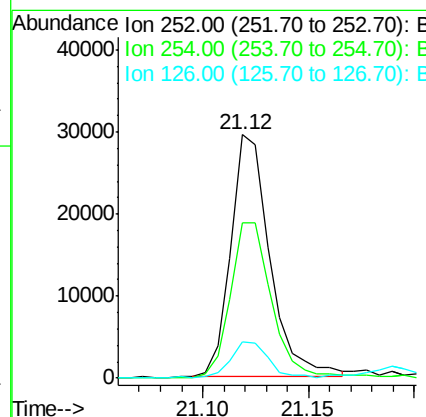
Manual Integrations
APPROVED

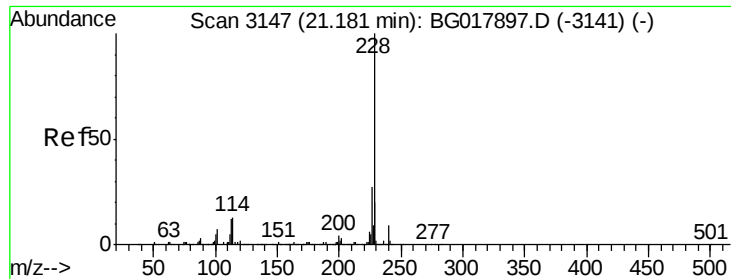
apatel
7/16/2015 4:37:43 PM



#81
3,3'-Dichlorobenzidine
Concen: 5.40 ng/ul
RT: 21.12 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	54.2	81.2
126	14.8	13.3	19.9





#82

Benzo(a)anthracene

Concen: 6.61 ng/ul

RT: 21.18 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Instrument :

BNA_G

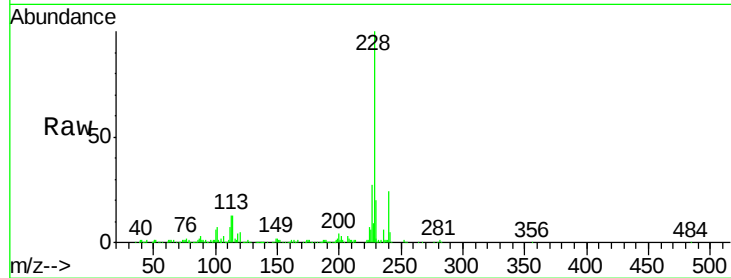
ClientSampleId :

MDL-04-W

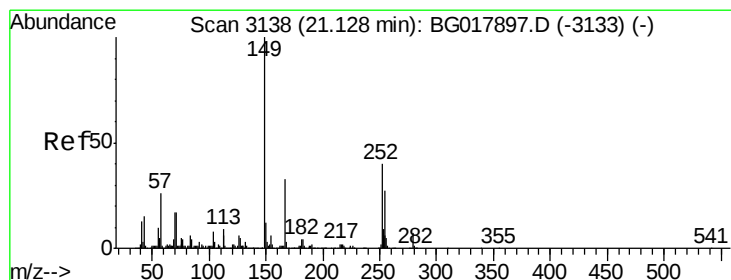
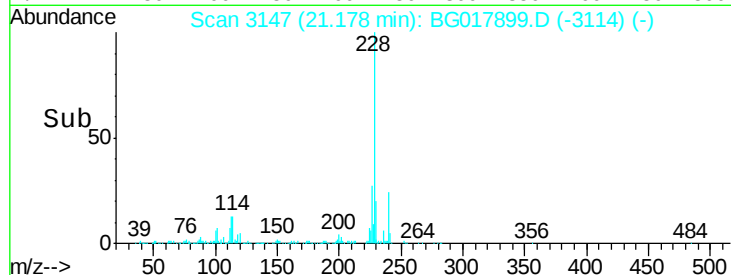
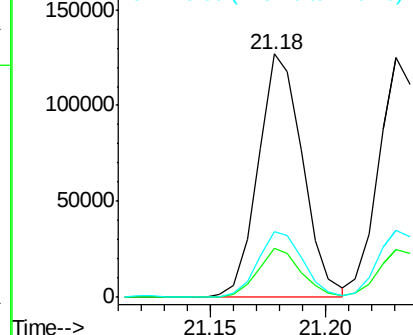
Tgt Ion:	228	Resp:	169083
Ion Ratio	Lower	Upper	
228	100		
229	20.0	16.5	24.7
226	27.0	22.0	33.0

Manual Integrations
APPROVED

apatel
7/16/2015 4:37:43 PM



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.73 ng/ul

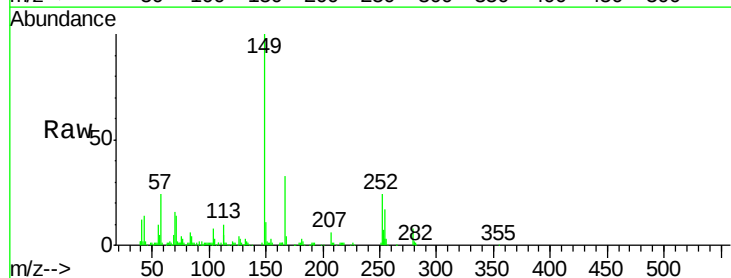
RT: 21.13 min Scan# 3139

Delta R.T. 0.00 min

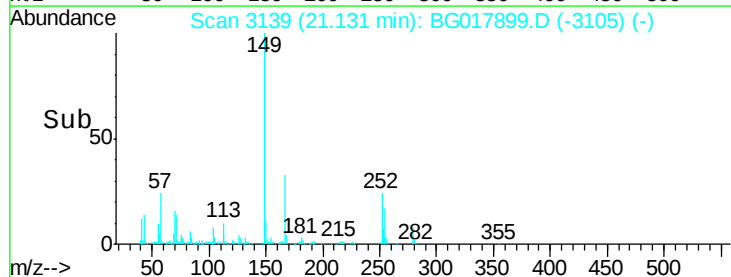
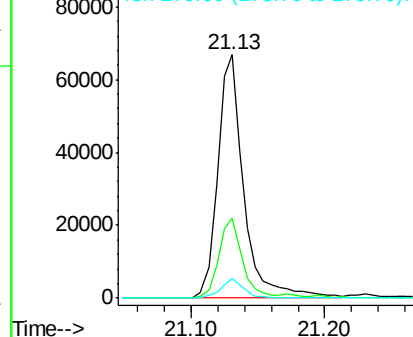
Lab File: BG017899.D

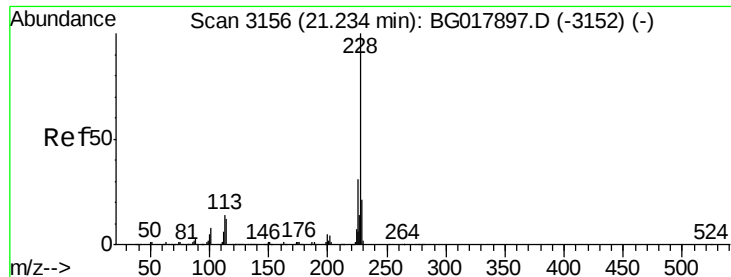
Acq: 16 Jul 2015 00:47

Tgt Ion:	149	Resp:	91453
Ion Ratio	Lower	Upper	
149	100		
167	32.9	22.9	34.3
279	7.9	5.8	8.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





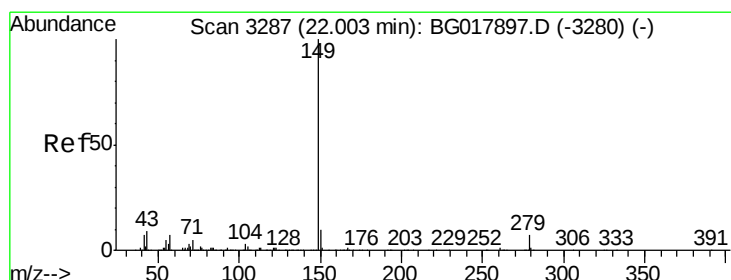
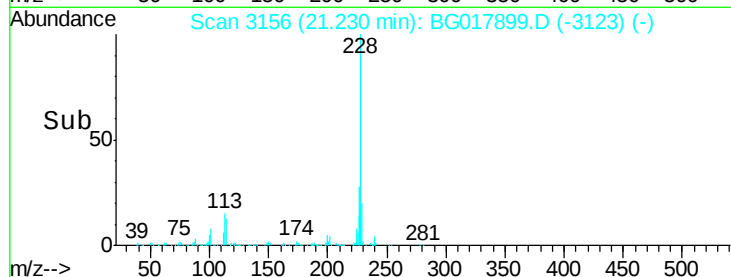
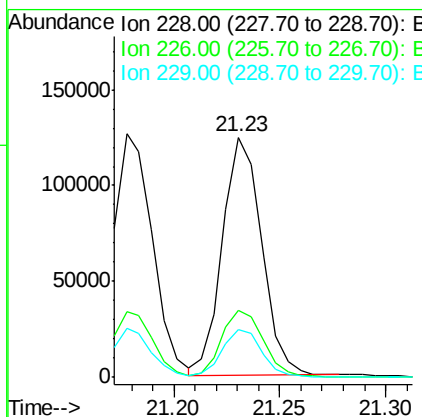
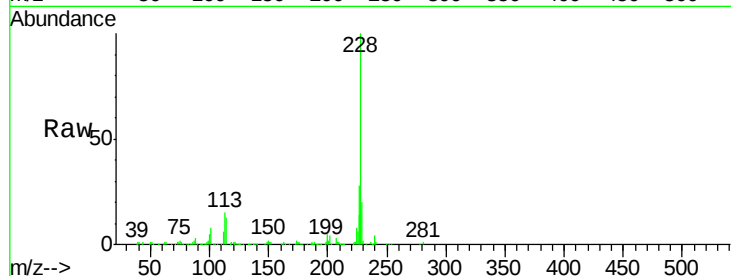
#84
Chrysene
Concen: 6.54 ng/ul
RT: 21.23 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.3	36.5
229	19.6	15.4	23.2

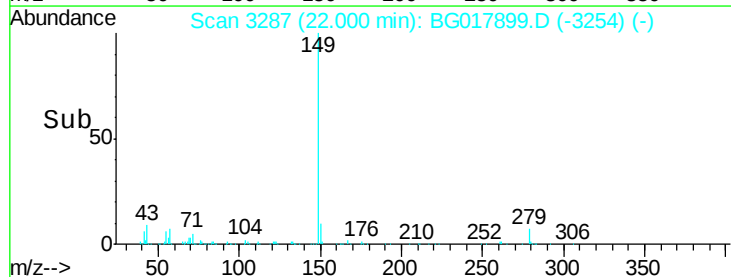
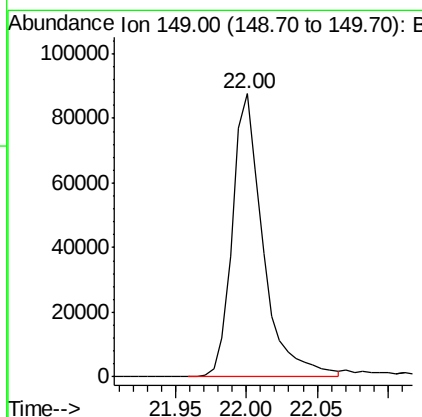
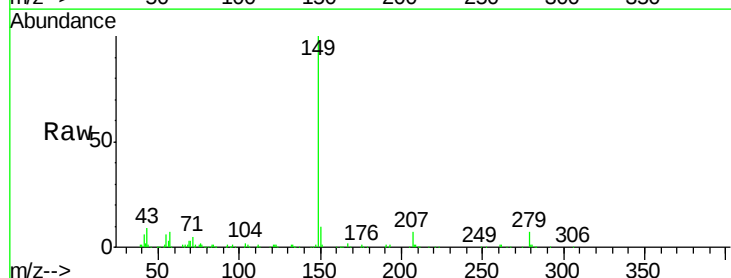
Manual Integrations
APPROVED

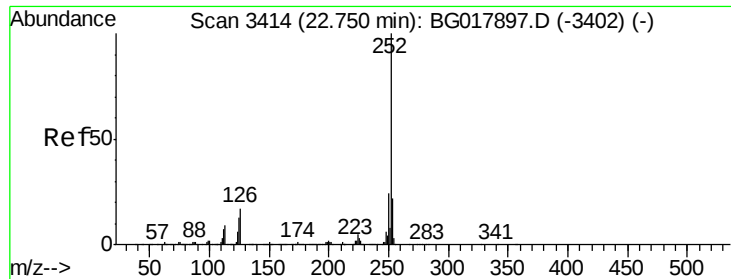
apatel
7/16/2015 4:37:43 PM



#86
Di-n-octyl phthalate
Concen: 5.36 ng/ul
RT: 22.00 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Tgt Ion:149 Resp: 133561





#87

Benzo(b)fluoranthene

Concen: 6.28 ng/ul

RT: 22.75 min Scan# 3414

Delta R.T. -0.00 min

Lab File: BG017899.D

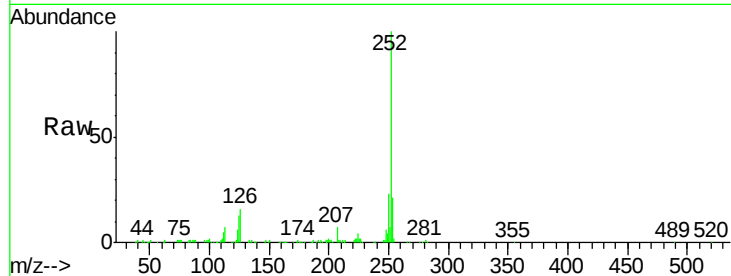
Acq: 16 Jul 2015 00:47

Instrument :

BNA_G

ClientSampleId :

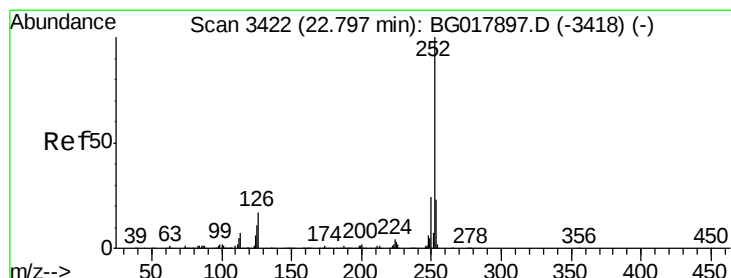
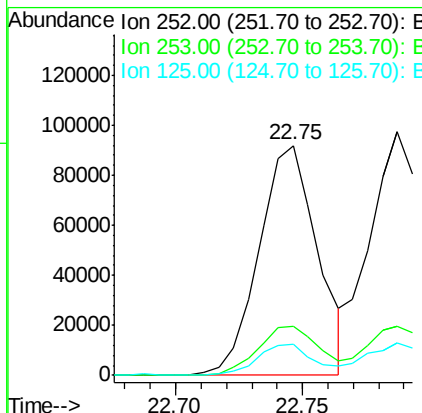
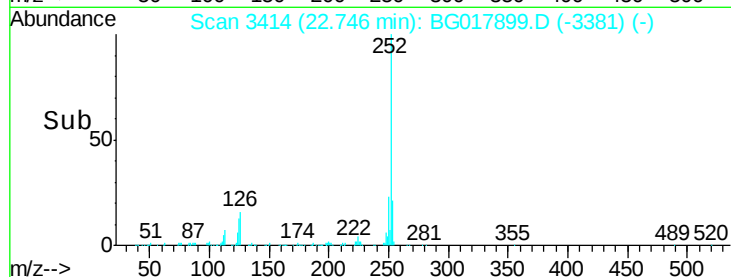
MDL-04-W



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	13.3	11.5	17.3

Manual Integrations
APPROVED

apatel
7/16/2015 4:37:43 PM



#88

Benzo(k)fluoranthene

Concen: 6.51 ng/ul

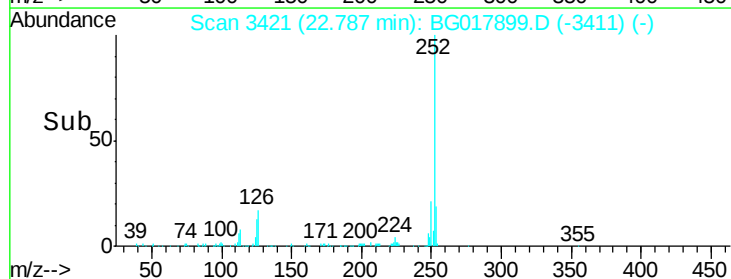
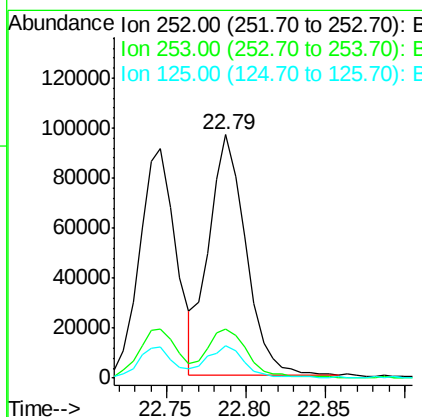
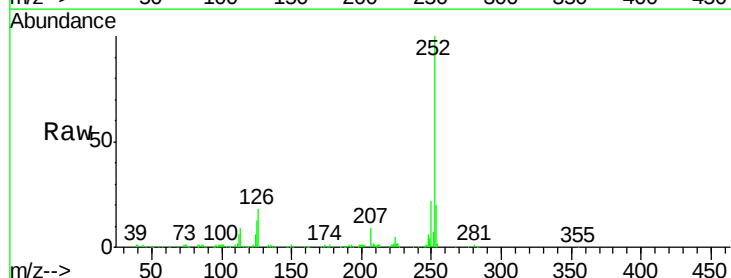
RT: 22.79 min Scan# 3421

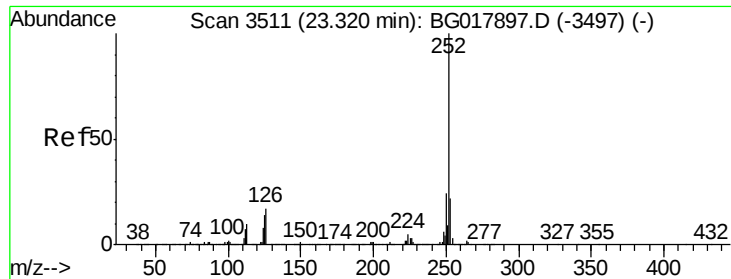
Delta R.T. -0.01 min

Lab File: BG017899.D

Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.1	17.4	26.0
125	13.2	13.1	19.7





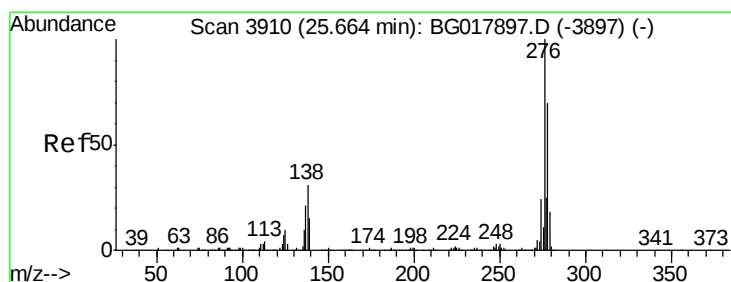
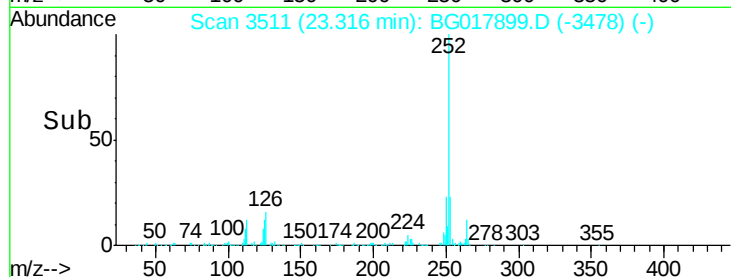
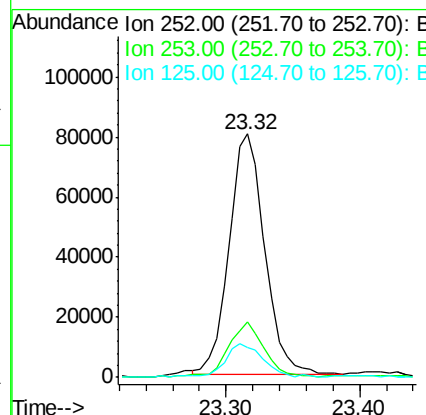
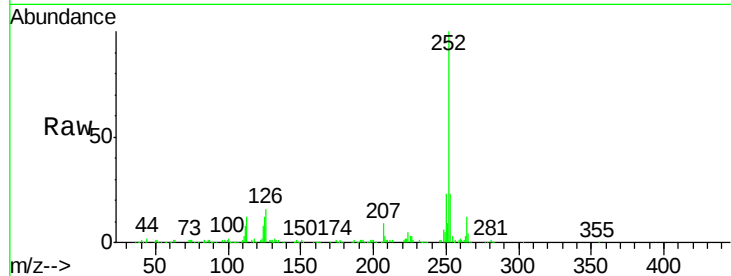
#90
Benzo(a)pyrene
Concen: 6.26 ng/ul
RT: 23.32 min Scan# 3511
Delta R.T. -0.00 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Instrument :
BNA_G
ClientSampled :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.6	25.0
125	12.0	11.8	17.8

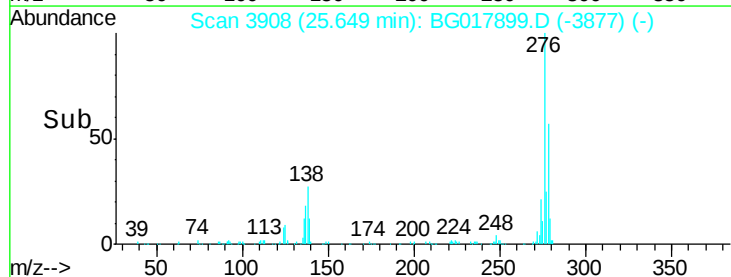
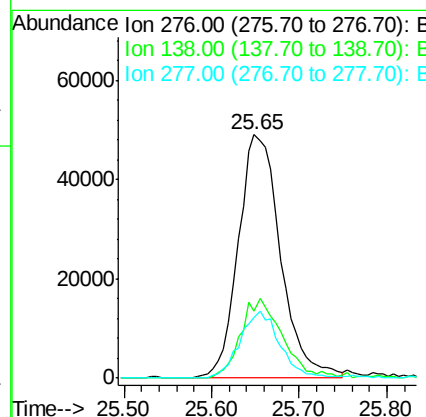
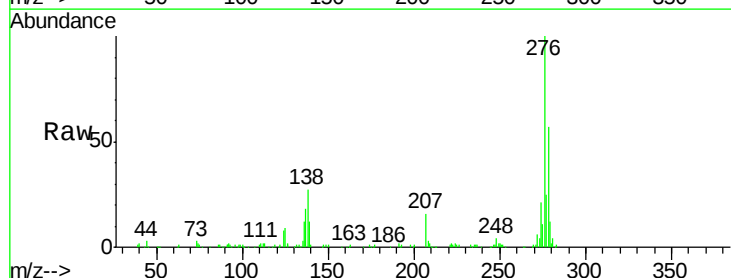
Manual Integrations
APPROVED

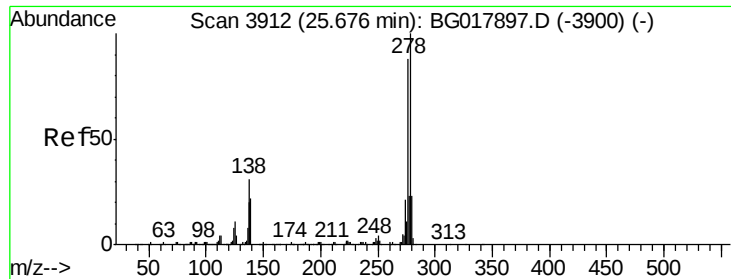
apatel
7/16/2015 4:37:43 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 6.39 ng/ul
RT: 25.65 min Scan# 3908
Delta R.T. -0.02 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	29.4	44.0#
277	24.9	20.7	31.1





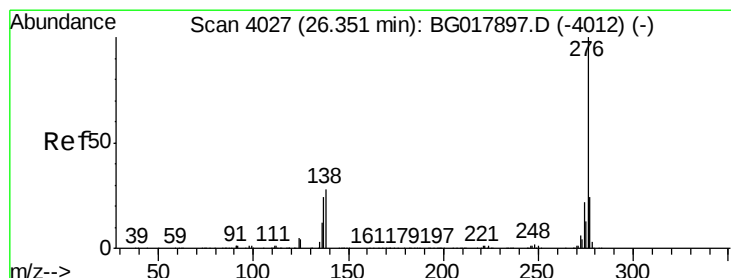
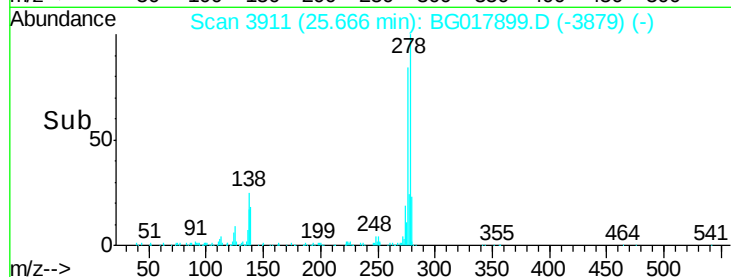
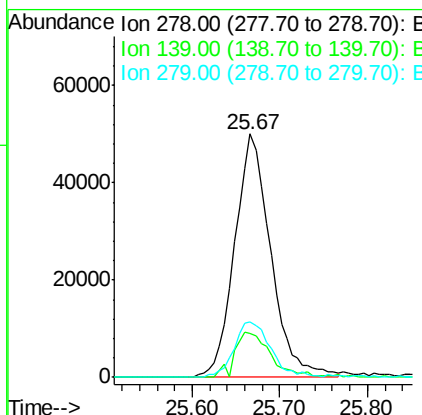
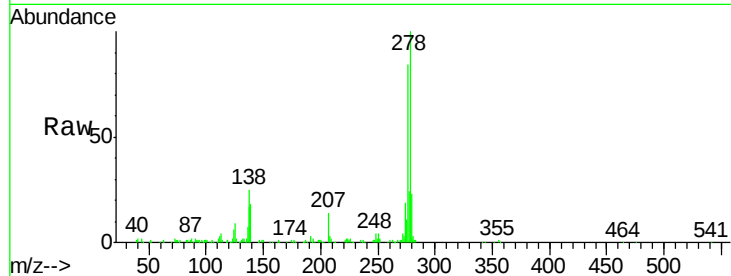
#92
Dibenzo(a,h)anthracene
Concen: 6.54 ng/ul
RT: 25.67 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	18.4	27.6#
279	23.0	19.4	29.0

Manual Integrations
APPROVED

apatel
7/16/2015 4:37:43 PM



#93
Benzo(g,h,i)perylene
Concen: 6.31 ng/ul
RT: 26.33 min Scan# 4024
Delta R.T. -0.02 min
Lab File: BG017899.D
Acq: 16 Jul 2015 00:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	22.2	33.4
277	24.4	18.4	27.6

