

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
 Data File : BG016555.D
 Acq On : 20 Apr 2015 17:32
 Operator : TP/IZ
 Sample : G1868-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

Manual Integrations
 APPROVED

apatel
 4/21/2015 5:05:45 PM

Quant Time: Apr 21 02:08:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 01:34:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	81340	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	370727	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	218925	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	432873	20.00	ng	0.00
75) Chrysene-d12	21.21	240	367999	20.00	ng	0.00
86) Perylene-d12	23.43	264	350792	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	583207	113.16	ng	0.00
7) Phenol-d6	6.85	99	830699	107.37	ng	0.02
23) Nitrobenzene-d5	8.81	82	423827	66.23	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	166024	112.14	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	933623	72.61	ng	0.00
78) Terphenyl-d14	19.66	244	1023292	65.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	62457	26.66	ng	99
3) Pyridine	3.52	79	179011	25.56	ng	96
4) n-Nitrosodimethylamine	3.44	42	61324	29.46	ng	98
6) Aniline	6.99	93	151087	13.67	ng	95
8) 2-Chlorophenol	7.22	128	226506	36.60	ng	93
9) Benzaldehyde	6.79	77	37625	8.30	ng	94
10) Phenol	6.87	94	287969	34.79	ng	100
11) bis(2-Chloroethyl)ether	7.09	93	200694	30.40	ng	96
12) 1,3-Dichlorobenzene	7.54	146	209193	33.47	ng	98
13) 1,4-Dichlorobenzene	7.69	146	211576	32.63	ng	97
14) 1,2-Dichlorobenzene	8.01	146	206994	33.38	ng	98
15) Benzyl Alcohol	7.90	79	166708	30.91	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	209365	28.16	ng	95
17) 2-Methylphenol	8.11	107	189181	34.08	ng	99
18) Hexachloroethane	8.72	117	77074	31.07	ng	95
19) n-Nitroso-di-n-propylamine	8.46	70	152998	27.60	ng	97
20) 3+4-Methylphenols	8.44	107	261623	34.03	ng	99
22) Acetophenone	8.48	105	289802	33.71	ng	100
24) Nitrobenzene	8.85	77	210161	30.71	ng	91
25) Isophorone	9.37	82	421955	29.69	ng	95
26) 2-Nitrophenol	9.56	139	125626	39.37	ng	94
27) 2,4-Dimethylphenol	9.63	122	219897	36.99	ng	97
28) bis(2-Chloroethoxy)methane	9.86	93	257984	31.80	ng	99
29) 2,4-Dichlorophenol	10.10	162	195331	41.53	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	179778	36.61	ng	97
31) Naphthalene	10.48	128	649934	33.64	ng	99
32) Benzoic acid	9.74	122	23185	13.62	ng	92
33) 4-Chloroaniline	10.61	127	97308	10.73	ng	95
34) Hexachlorobutadiene	10.77	225	76724	35.57	ng	98
35) Caprolactam	11.38	113	103048m	34.80	ng	
36) 4-Chloro-3-methylphenol	11.75	107	228643	36.80	ng	96
37) 2-Methylnaphthalene	12.11	142	481844	34.67	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.48	216	169711	35.21	ng	99
40) Hexachlorocyclopentadiene	12.45	237	124251	56.32	ng	97

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
 Data File : BG016555.D
 Acq On : 20 Apr 2015 17:32
 Operator : TP/IZ
 Sample : G1868-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

Manual Integrations
 APPROVED

apatel
 4/21/2015 5:05:45 PM

Quant Time: Apr 21 02:08:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 01:34:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	136850	38.21	nq	99
43) 2,4,5-Trichlorophenol	12.81	196	148943	38.92	nq	97
45) 1,1'-Biphenyl	13.13	154	582905	34.71	nq	98
46) 2-Chloronaphthalene	13.16	162	441622	34.52	nq	99
47) 2-Nitroaniline	13.38	65	130077	31.55	nq	88
48) Acenaphthylene	14.02	152	755288	33.20	nq	99
49) Dimethylphthalate	13.76	163	585631	36.50	nq	99
50) 2,6-Dinitrotoluene	13.88	165	134910	34.76	nq	95
51) Acenaphthene	14.36	154	454704	33.45	nq	99
52) 3-Nitroaniline	14.21	138	75496	15.23	nq	94
53) 2,4-Dinitrophenol	14.42	184	89054	43.82	nq	96
54) Dibenzofuran	14.70	168	658490	34.91	nq	97
55) 4-Nitrophenol	14.54	139	265940	64.93	nq	97
56) 2,4-Dinitrotoluene	14.67	165	187036	35.39	nq	90
57) Fluorene	15.34	166	567900	34.12	nq	100
58) 2,3,4,6-Tetrachlorophenol	14.93	232	109407	37.05	nq	92
59) Diethylphthalate	15.13	149	565997	33.14	nq	99
60) 4-Chlorophenyl-phenylether	15.34	204	234078	34.38	nq	96
61) 4-Nitroaniline	15.38	138	165392	29.40	nq	99
62) Azobenzene	15.63	77	550962	30.31	nq	97
64) 4,6-Dinitro-2-methylphenol	15.44	198	90963	31.32	nq	89
65) n-Nitrosodiphenylamine	15.56	169	503122	34.38	nq	99
66) 4-Bromophenyl-phenylether	16.23	248	123252	35.66	nq	99
67) Hexachlorobenzene	16.34	284	123322	34.33	nq	99
68) Atrazine	16.51	200	156679	38.42	nq	99
69) Pentachlorophenol	16.70	266	132563	60.44	nq	97
70) Phenanthrene	17.08	178	827858	34.00	nq	99
71) Anthracene	17.17	178	838397	34.75	nq	100
72) Carbazole	17.44	167	850393	35.12	nq	99
73) Di-n-butylphthalate	18.00	149	1010656	34.11	nq	100
74) Fluoranthene	19.09	202	850317	33.88	nq	97
76) Benzidine	19.29	184	274548	17.59	nq	98
77) Pyrene	19.46	202	875611	34.17	nq	100
79) Butylbenzylphthalate	20.36	149	467017	37.10	nq	97
80) Benzo(a)anthracene	21.20	228	759421	34.92	nq	99
81) 3,3'-Dichlorobenzidine	21.14	252	124607	17.42	nq	98
82) Chrysene	21.25	228	714463	34.03	nq	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	647365	37.98	nq	99
84) Di-n-octyl phthalate	21.99	149	1086557	39.13	nq	98
85) Indeno(1,2,3-cd)pyrene	25.70	276	794684	36.43	nq	98
87) Benzo(b)fluoranthene	22.76	252	720438	35.07	nq	99
88) Benzo(k)fluoranthene	22.81	252	690424	34.34	nq	98
89) Benzo(a)pyrene	23.34	252	697054	36.20	nq	99
90) Dibenzo(a,h)anthracene	25.71	278	660067	35.23	nq	97
91) Benzo(g,h,i)perylene	26.39	276	676957	36.17	nq	97

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

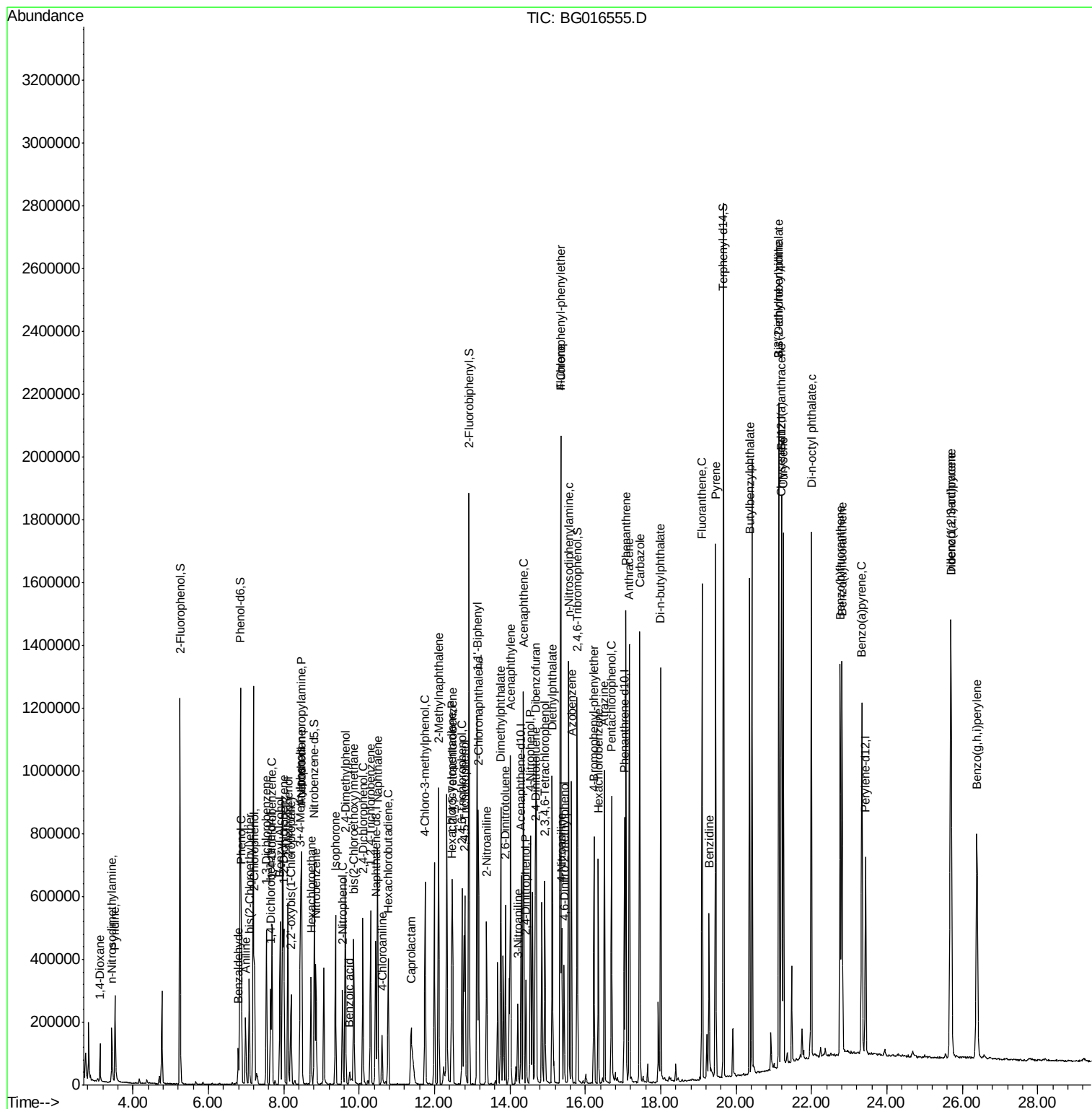
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
Data File : BG016555.D
Acq On : 20 Apr 2015 17:32
Operator : TP/IZ
Sample : G1868-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

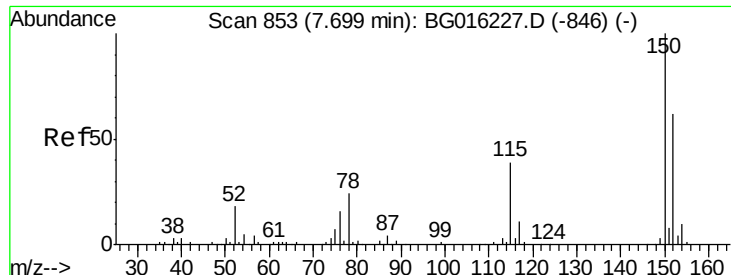
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM

Quant Time: Apr 21 02:08:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 01:34:55 2015
Response via : Initial Calibration





#1

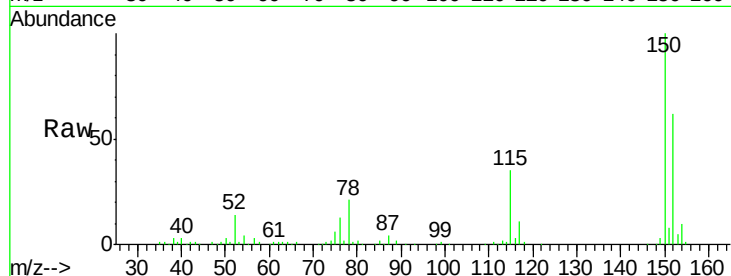
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.65 min Scan# 845
Delta R.T. 0.01 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	130.1	195.1
115	57.1	50.5	75.7

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM

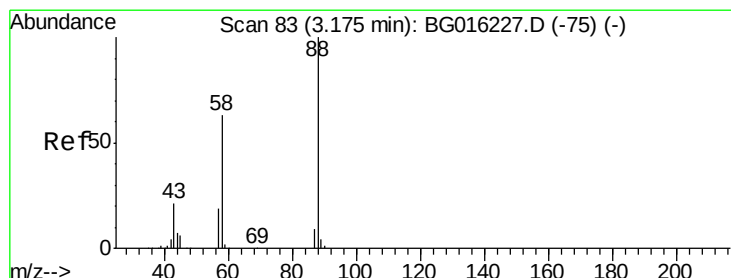
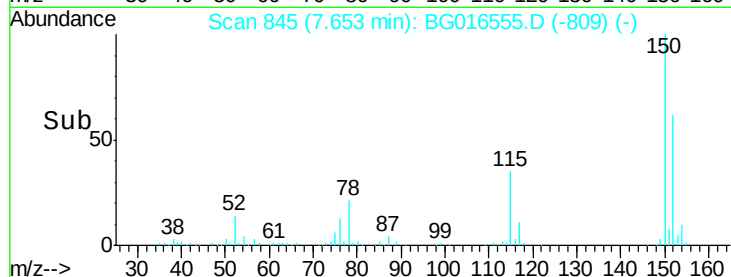
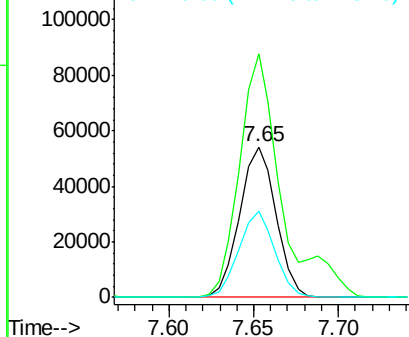


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

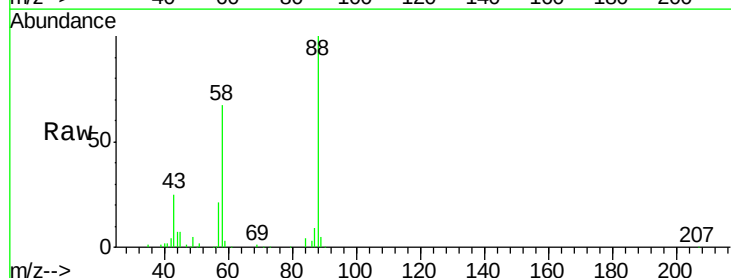
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.66 ng
RT: 3.12 min Scan# 74
Delta R.T. 0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.6	50.6	76.0
43	21.4	17.0	25.4

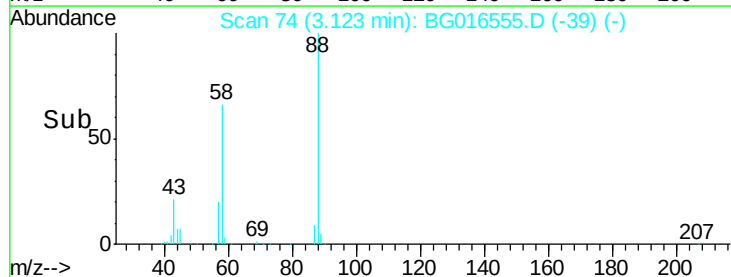
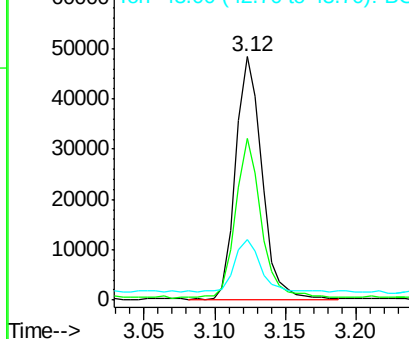


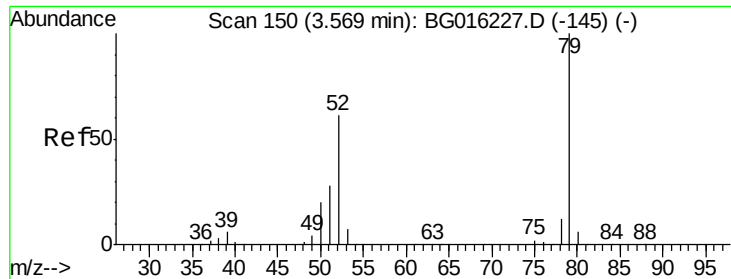
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 25.56 ng

RT: 3.52 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

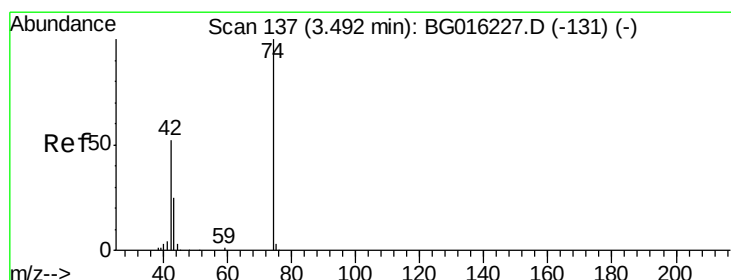
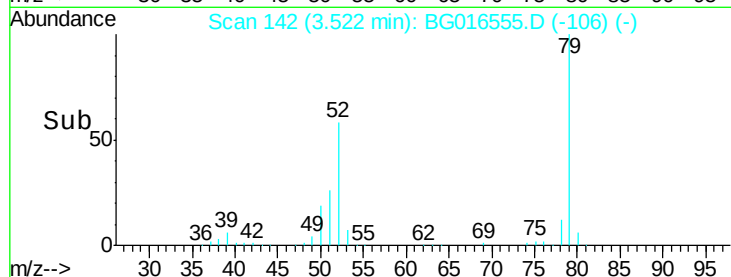
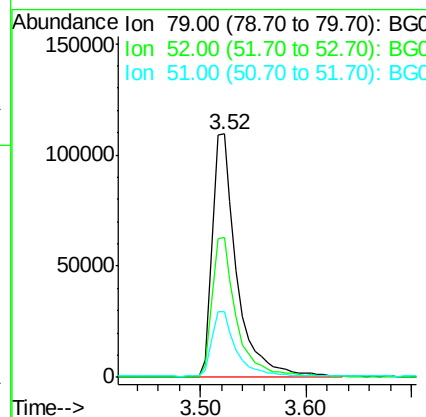
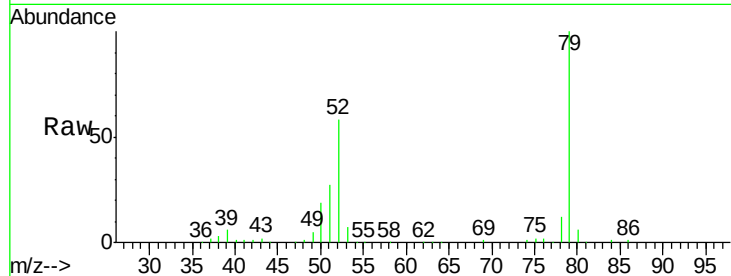
ClientSampleId :

P5-28(0-5)MSD

Tot Ion:	79	Resp:	179011
Ion	Ratio	Lower	Upper
79	100		
52	57.6	49.0	73.4
51	26.9	22.5	33.7

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM



#4

n-Nitrosodimethylamine

Concen: 29.46 ng

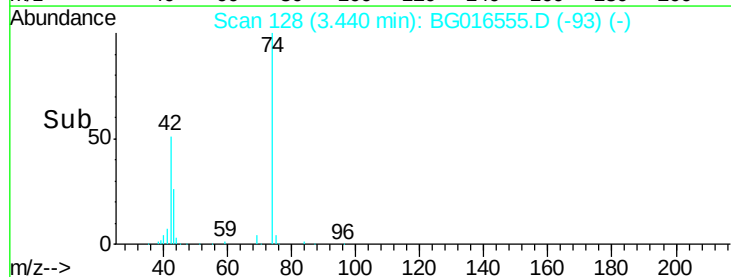
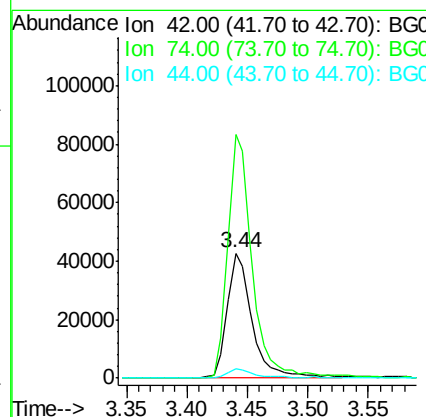
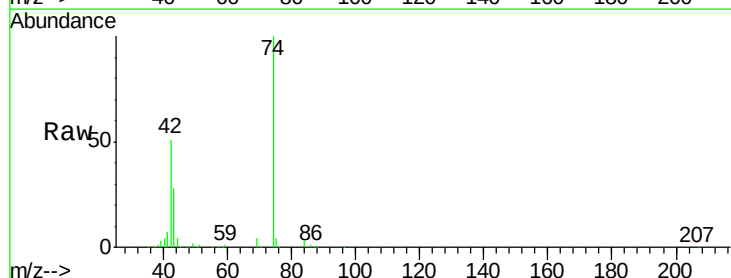
RT: 3.44 min Scan# 128

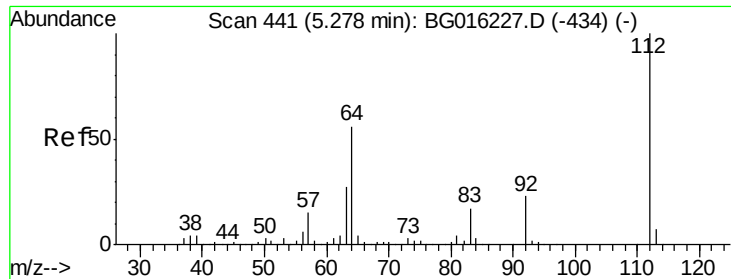
Delta R.T. 0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Tgt Ion:	42	Resp:	61324
Ion	Ratio	Lower	Upper
42	100		
74	194.5	153.7	230.5
44	7.0	5.3	7.9





#5

2-Fluorophenol

Concen: 113.16 ng

RT: 5.24 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

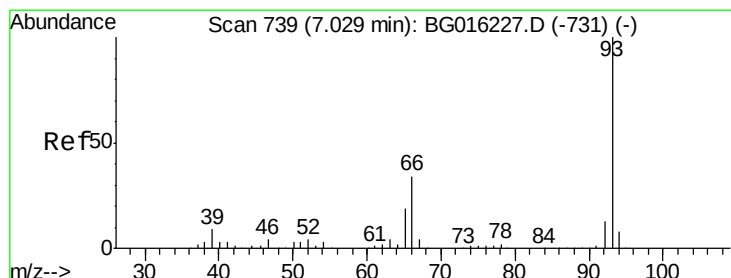
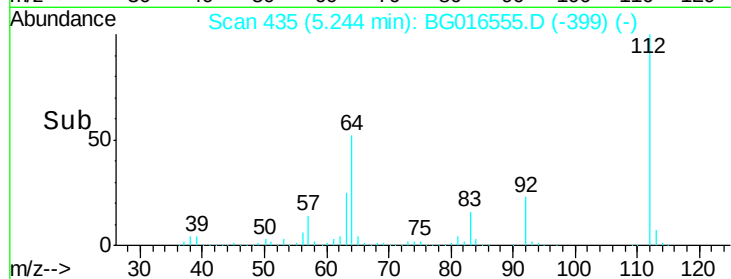
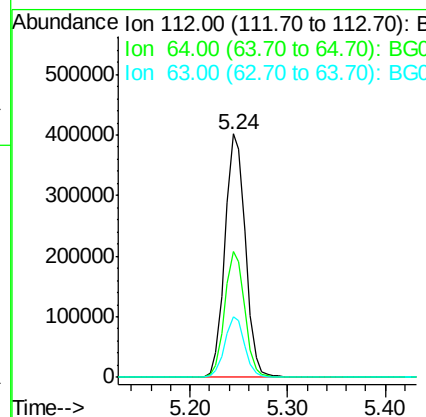
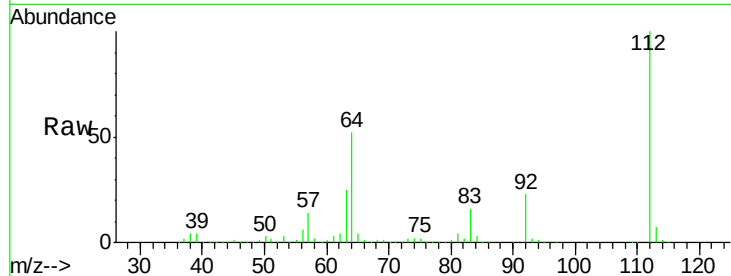
ClientSampleId :

P5-28(0-5)MSD

Tot Ion:	112	Resp:	583207
Ion Ratio	Lower	Upper	
112	100		
64	51.6	44.5	66.7
63	24.7	21.4	32.0

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM



#6

Aniline

Concen: 13.67 ng

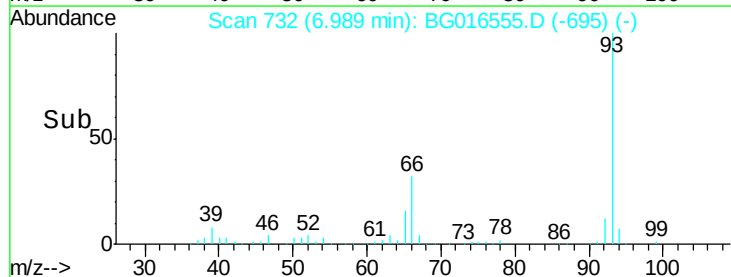
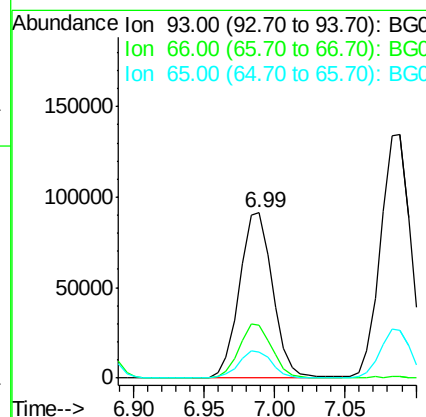
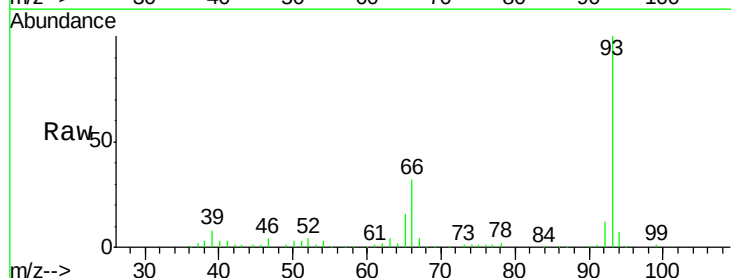
RT: 6.99 min Scan# 732

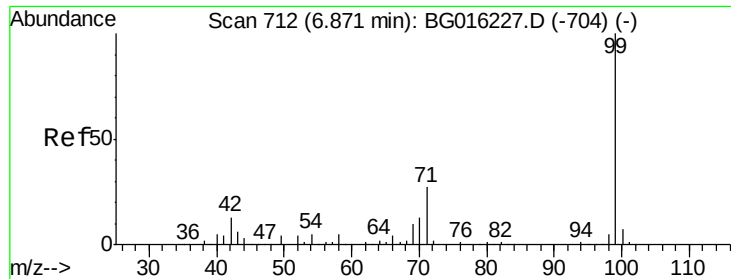
Delta R.T. 0.02 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Tgt Ion:	93	Resp:	151087
Ion Ratio	Lower	Upper	
93	100		
66	32.0	27.5	41.3
65	16.1	15.1	22.7





#7

Phenol-d6

Concen: 107.37 ng

RT: 6.85 min Scan# 708

Delta R.T. 0.02 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

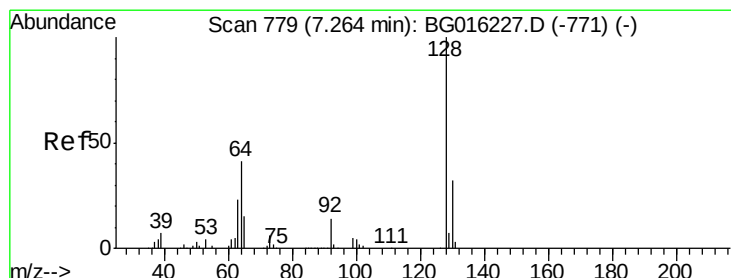
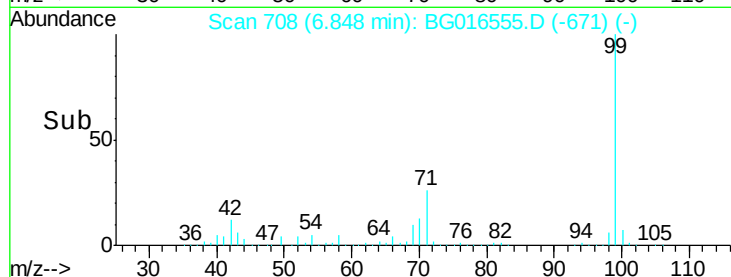
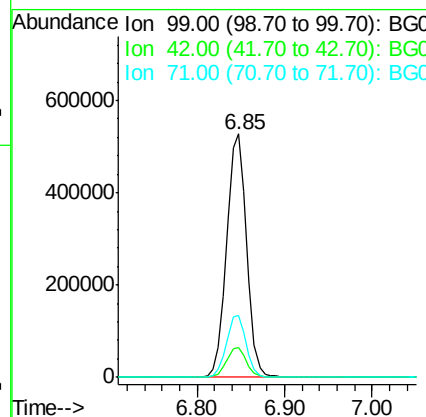
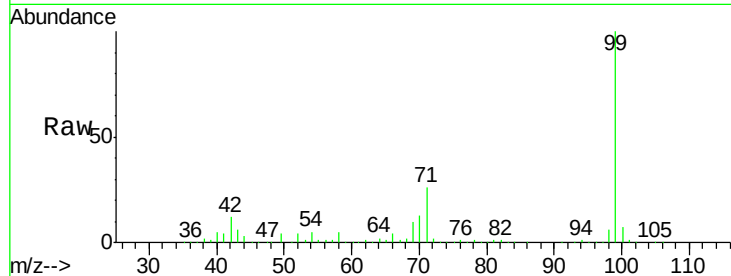
ClientSampleId :

P5-28(0-5)MSD

Tot Ion:	99	Resp:	830699
Ion Ratio	Lower	Upper	
99	100		
42	12.0	10.0	15.0
71	25.6	21.5	32.3

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM



#8

2-Chlorophenol

Concen: 36.60 ng

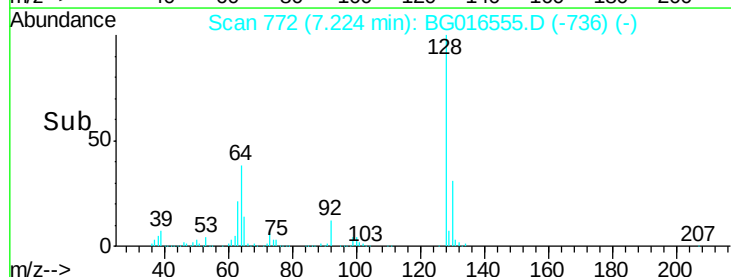
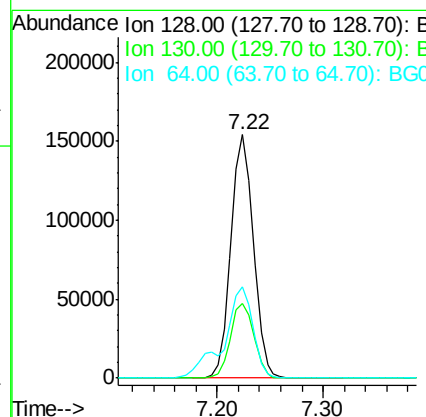
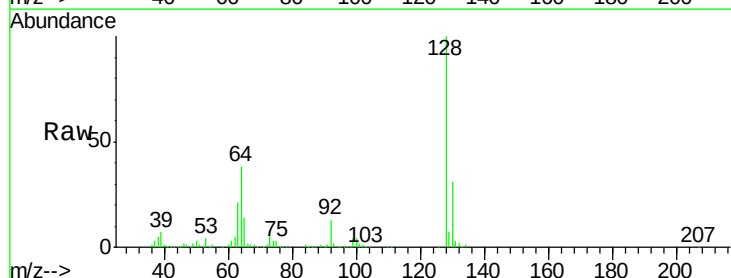
RT: 7.22 min Scan# 772

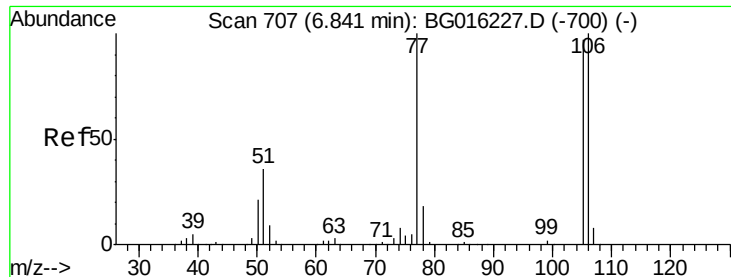
Delta R.T. 0.01 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Tgt Ion:	128	Resp:	226506
Ion Ratio	Lower	Upper	
128	100		
130	30.8	11.6	51.6
64	37.5	24.2	64.2





#9

Benzaldehyde

Concen: 8.30 ng

RT: 6.79 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

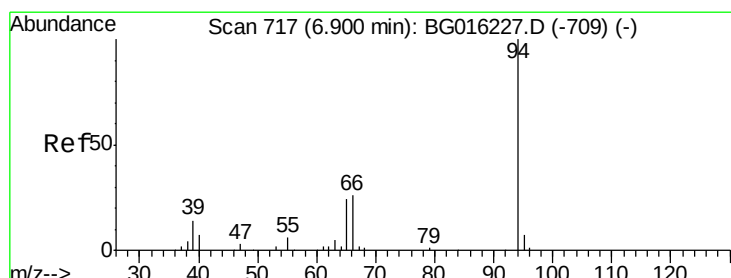
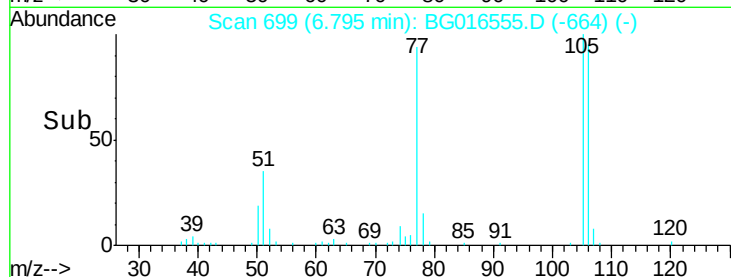
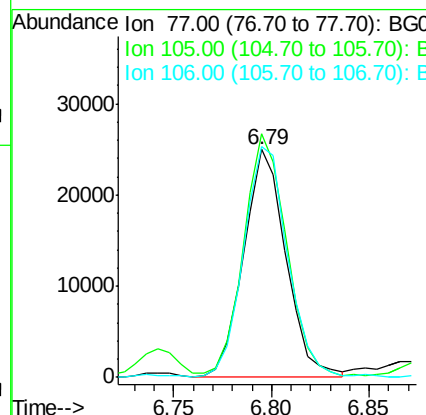
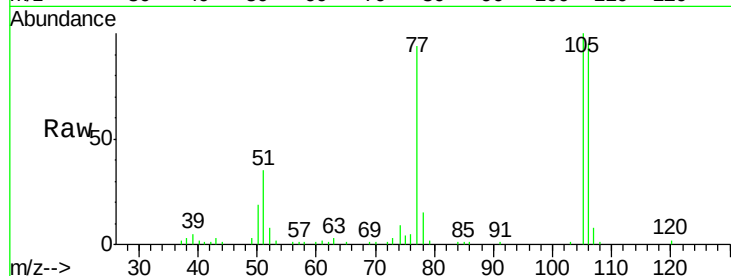
ClientSampleId :

P5-28(0-5)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	106.9	76.8	116.8
106	101.3	80.1	120.1

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM



#10

Phenol

Concen: 34.79 ng

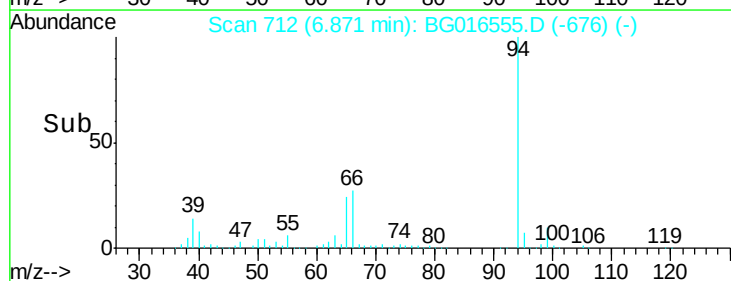
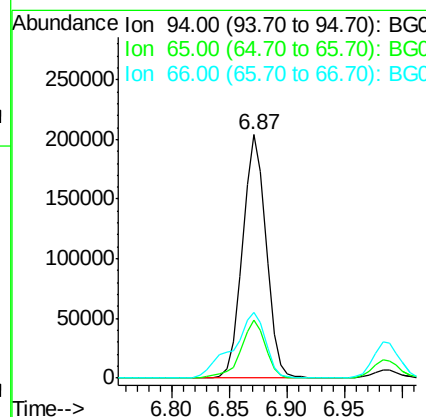
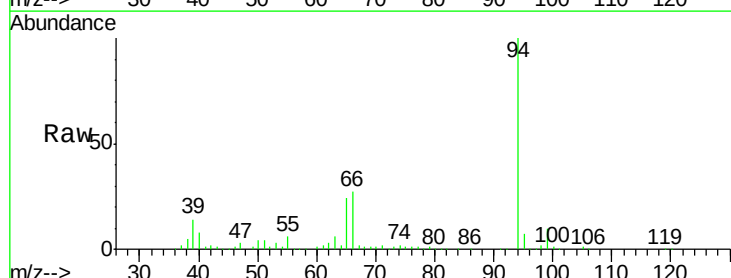
RT: 6.87 min Scan# 712

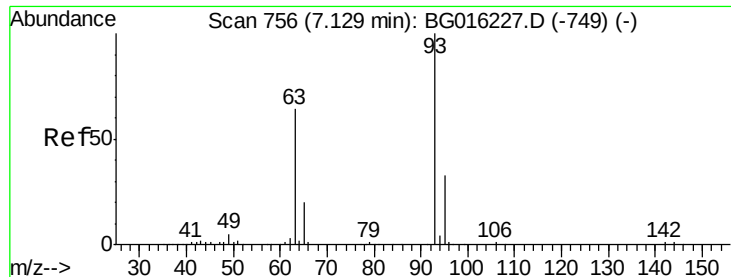
Delta R.T. 0.01 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	24.0	3.8	43.8
66	27.2	7.4	47.4





#11

bis(2-Chloroethyl)ether

Concen: 30.40 ng

RT: 7.09 min Scan# 749

Delta R.T. 0.01 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

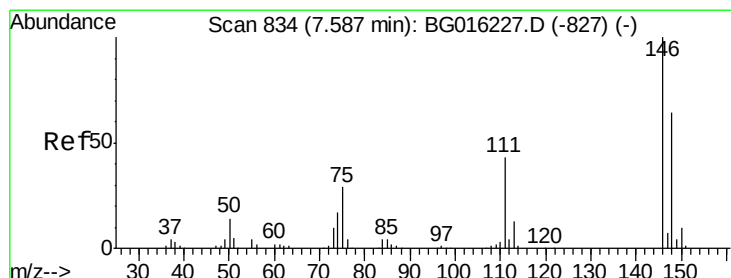
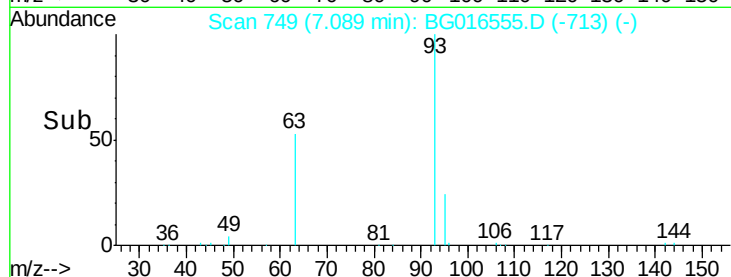
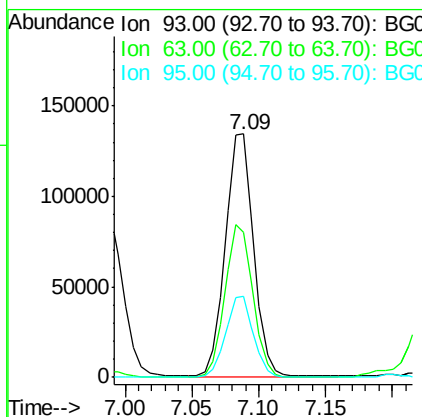
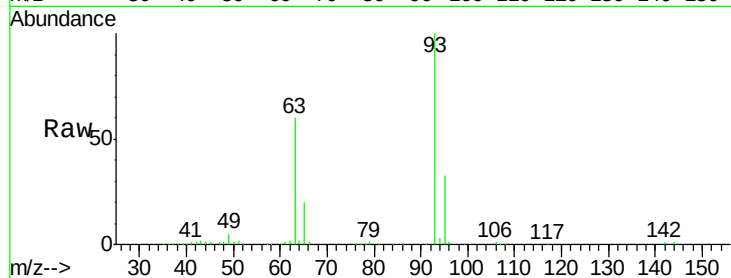
ClientSampleId :

P5-28(0-5)MSD

Tot Ion:	93	Resp:	200694
Ion Ratio	Lower	Upper	
93	100		
63	59.5	44.1	84.1
95	33.4	12.5	52.5

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM



#12

1,3-Dichlorobenzene

Concen: 33.47 ng

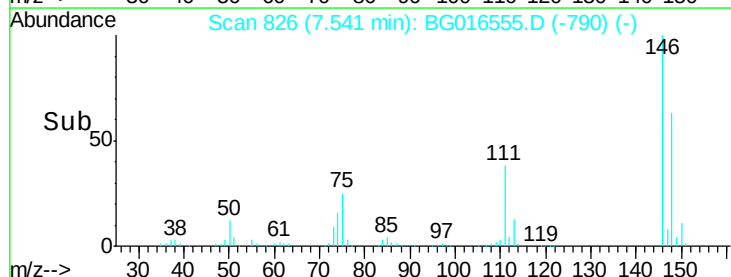
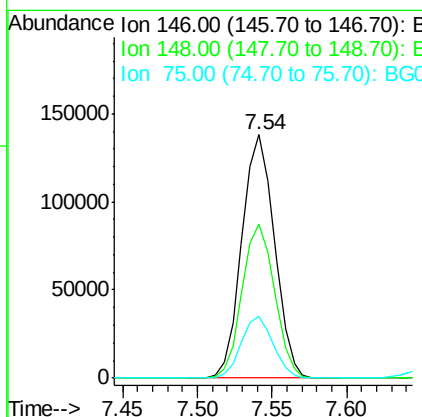
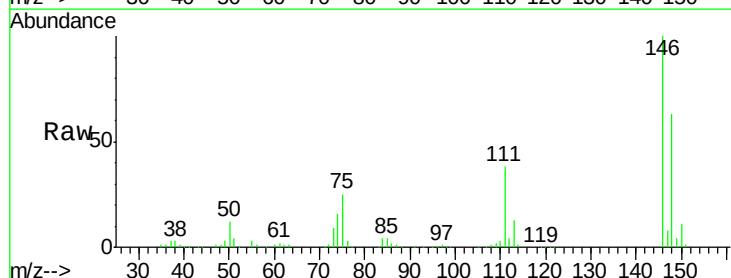
RT: 7.54 min Scan# 826

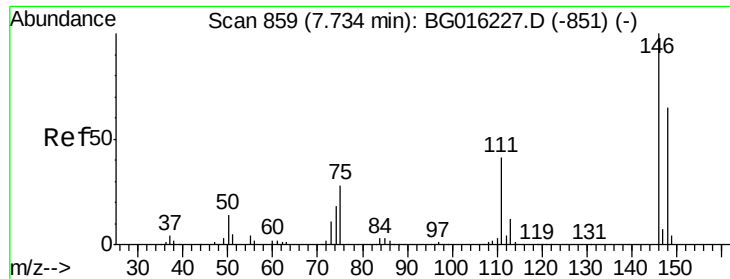
Delta R.T. 0.01 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Tgt Ion:	146	Resp:	209193
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.9	76.3
75	25.3	23.3	34.9





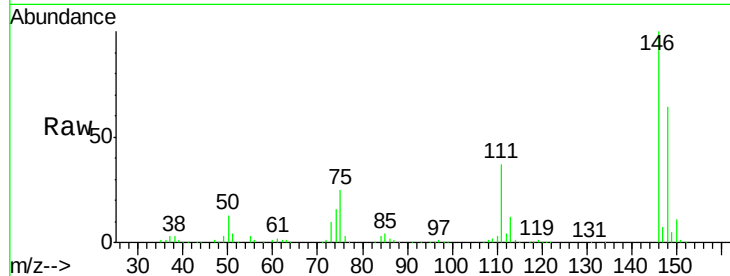
#13
 1,4-Dichlorobenzene
 Concen: 32.63 ng
 RT: 7.69 min Scan# 851
 Delta R.T. 0.01 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.0	78.0
111	37.4	32.6	49.0

Manual Integrations
 APPROVED

apatel
 4/21/2015 5:05:45 PM

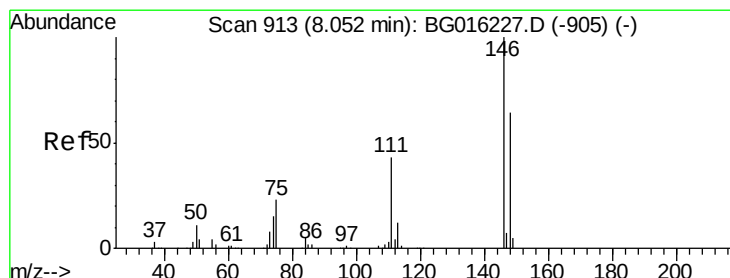
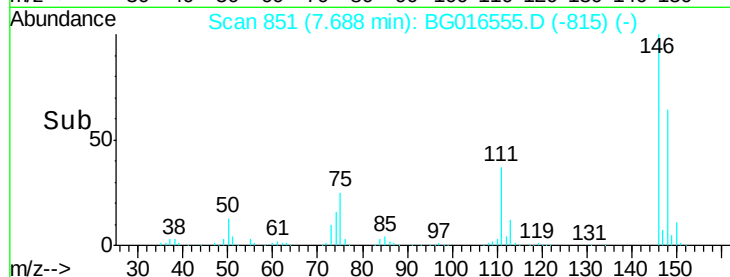
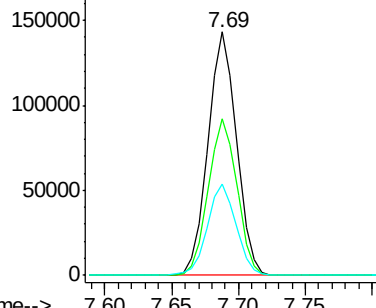


Abundance

Ion 146.00 (145.70 to 146.70): E

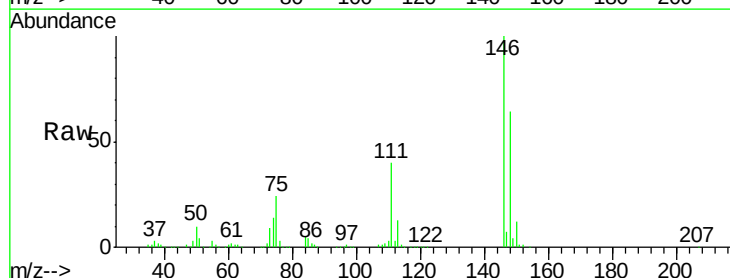
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 33.38 ng
 RT: 8.01 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.9	76.3
111	40.2	34.7	52.1

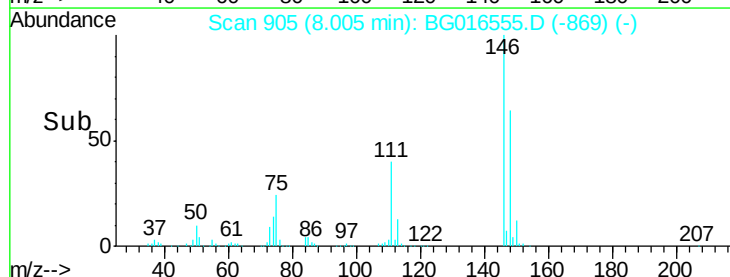
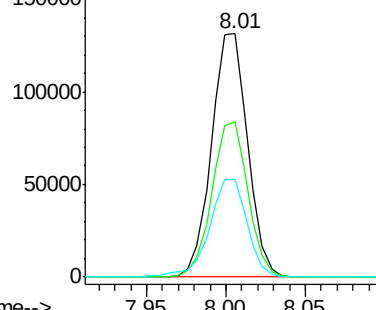


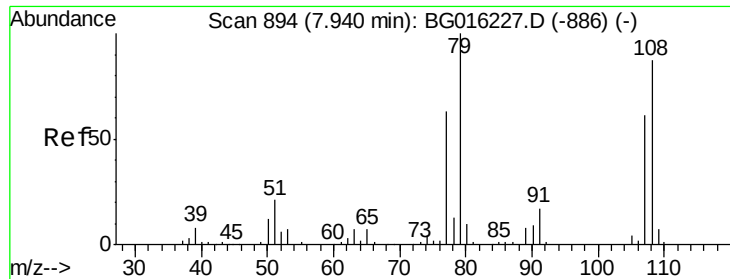
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.91 ng

RT: 7.90 min Scan# 887

Delta R.T. 0.01 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

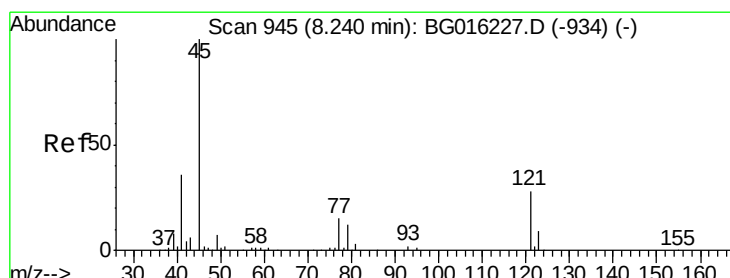
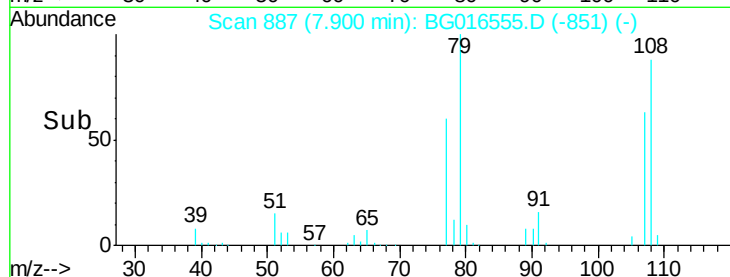
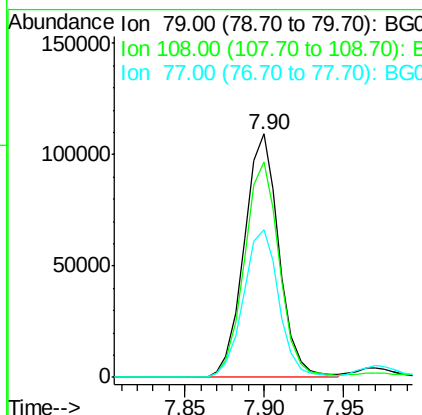
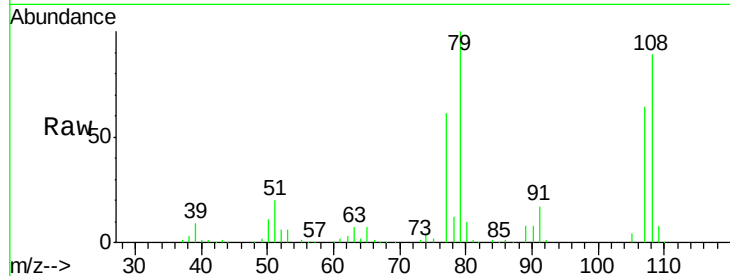
ClientSampled :

P5-28(0-5)MSD

Tot Ion:	79	Resp:	166708
Ion Ratio	Lower	Upper	
79	100		
108	88.6	69.3	103.9
77	60.6	50.3	75.5

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.16 ng

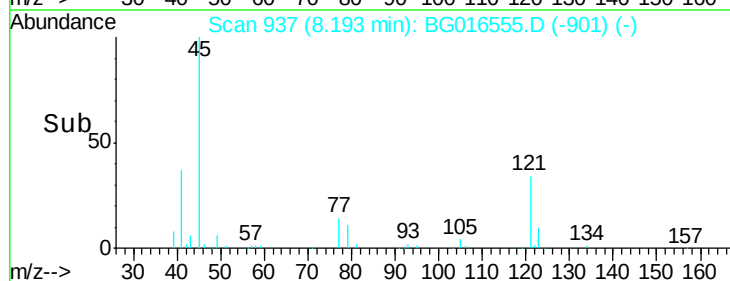
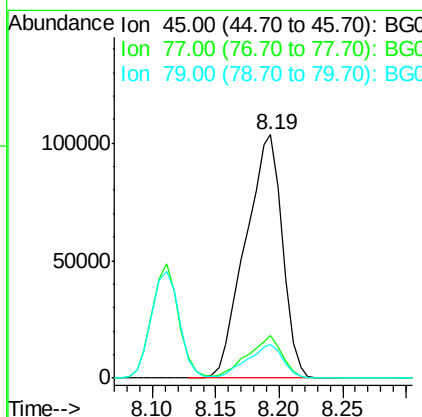
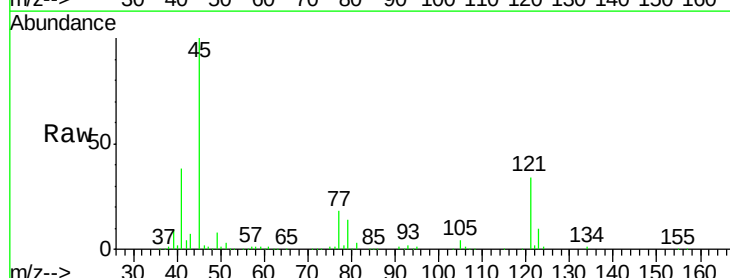
RT: 8.19 min Scan# 937

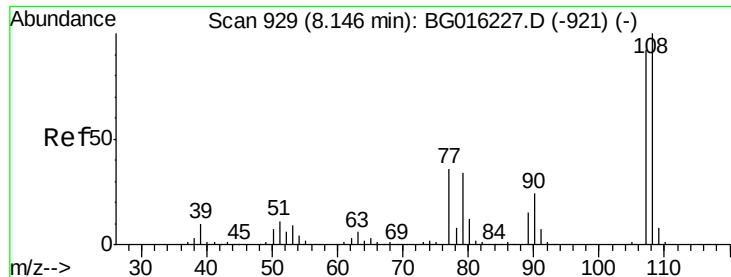
Delta R.T. 0.01 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Tgt Ion:	45	Resp:	209365
Ion Ratio	Lower	Upper	
45	100		
77	17.7	0.0	35.3
79	13.7	0.0	32.3





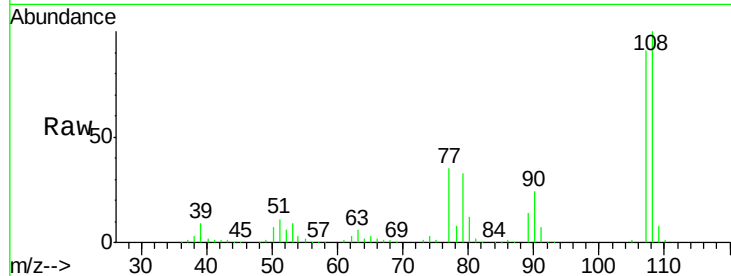
#17
2-Methylphenol
Concen: 34.08 ng
RT: 8.11 min Scan# 923
Delta R.T. 0.01 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

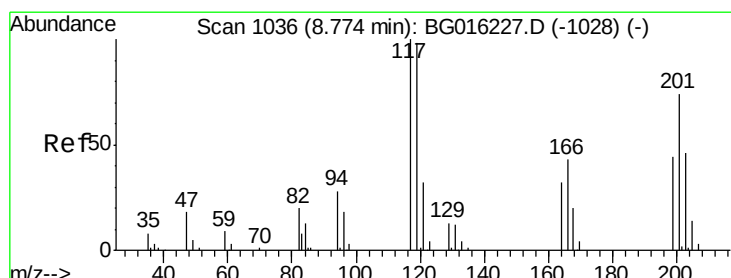
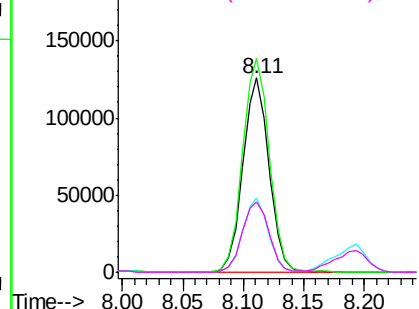
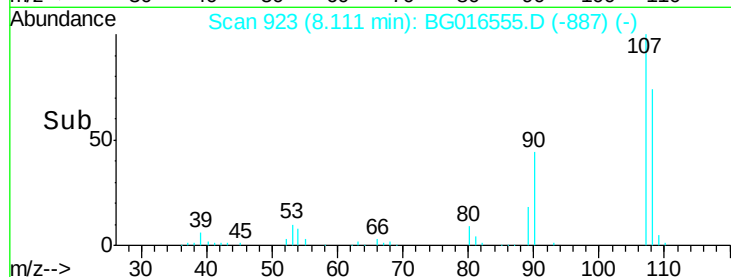
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	87.2	130.8	
77	38.5	31.1	46.7	
79	36.0	29.7	44.5	

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM

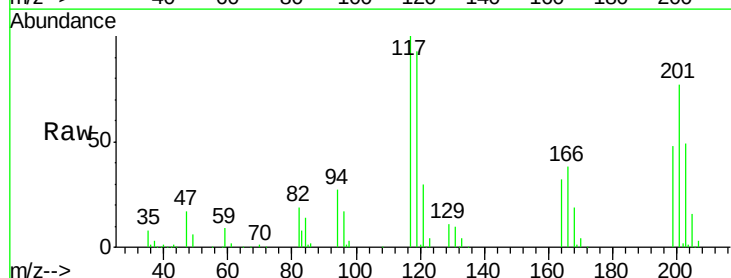


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

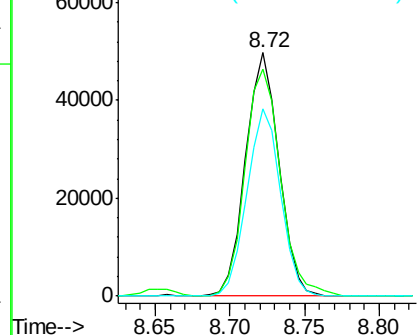
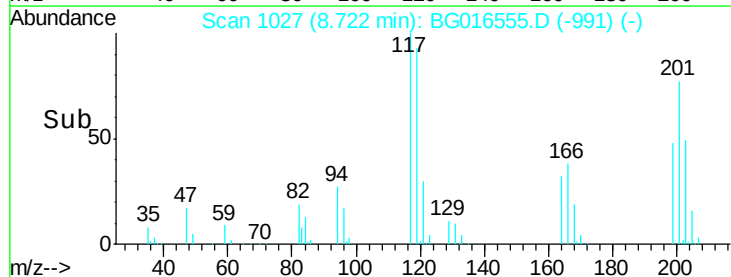


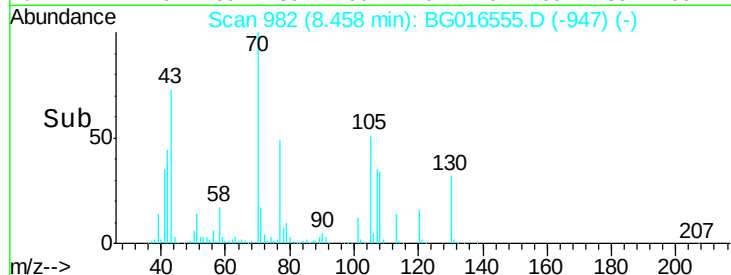
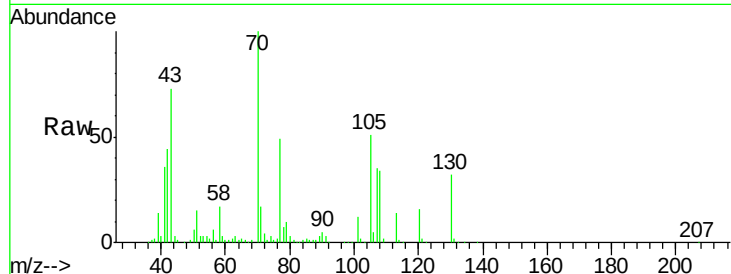
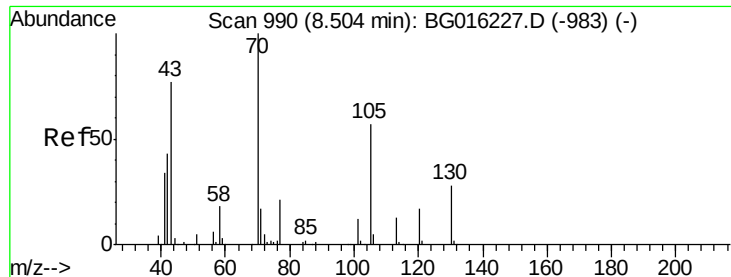
#18
Hexachloroethane
Concen: 31.07 ng
RT: 8.72 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.5	78.8	118.2	
201	77.0	59.0	88.4	



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





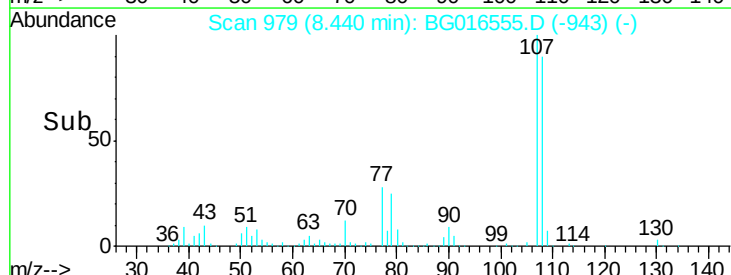
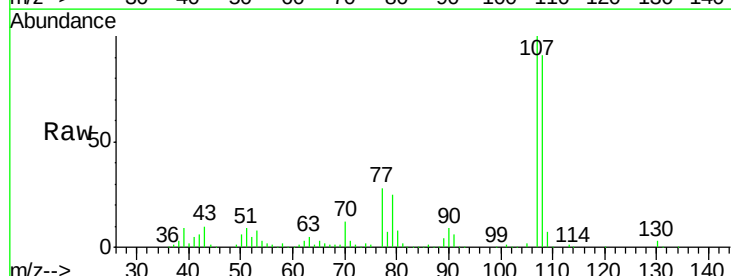
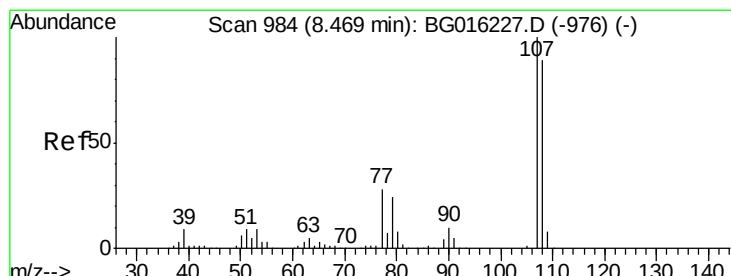
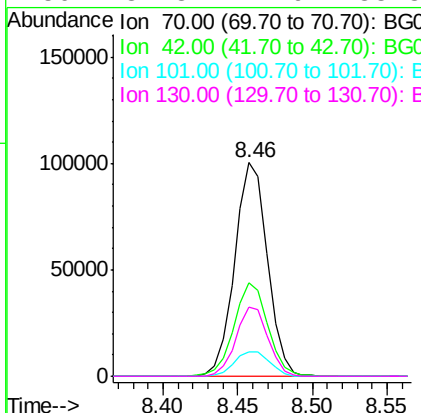
#19
n-Nitroso-di-n-propylamine
Concen: 27.60 ng
RT: 8.46 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		152998		
42	43.9	34.7	52.1		
101	11.7	9.2	13.8		
130	32.3	22.6	33.8		

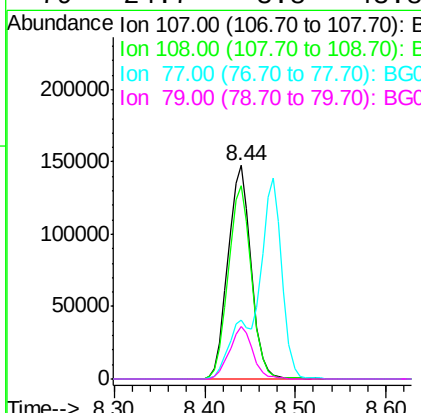
Manual Integrations
APPROVED

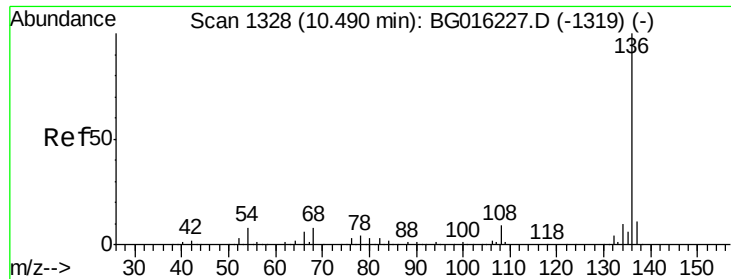
apatel
4/21/2015 5:05:45 PM



#20
3+4-Methylphenols
Concen: 34.03 ng
RT: 8.44 min Scan# 979
Delta R.T. 0.01 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		261623		
108	90.6	69.5	109.5		
77	27.7	8.2	48.2		
79	24.7	3.8	43.8		





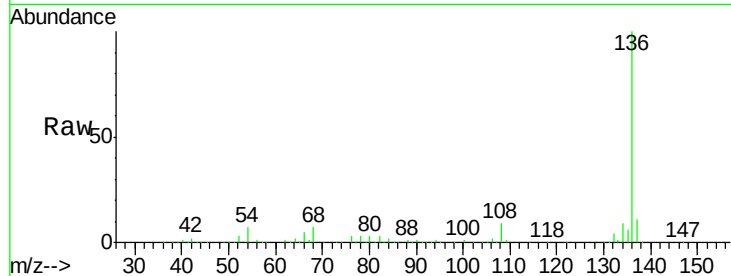
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.44 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

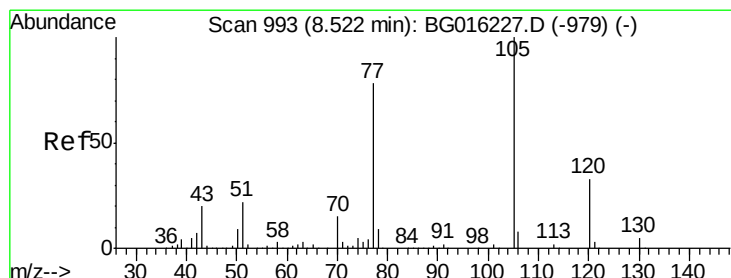
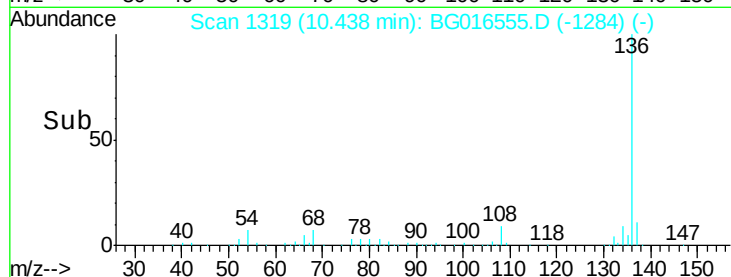
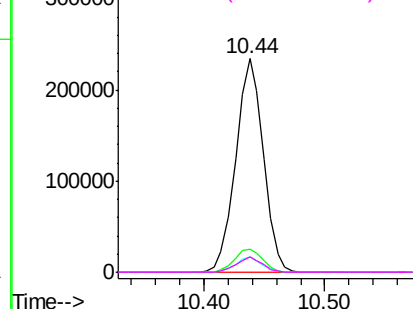
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		370727		
137	11.1		8.7	13.1	
54	7.0		6.3	9.5	
68	7.1		6.5	9.7	

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM



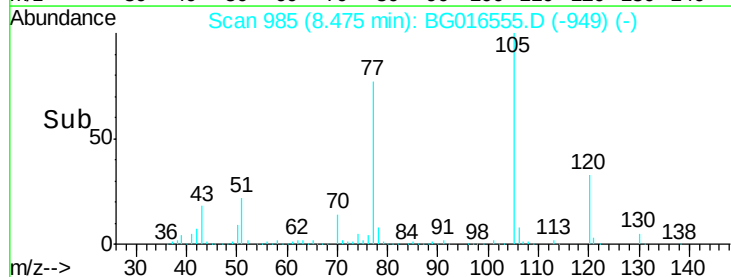
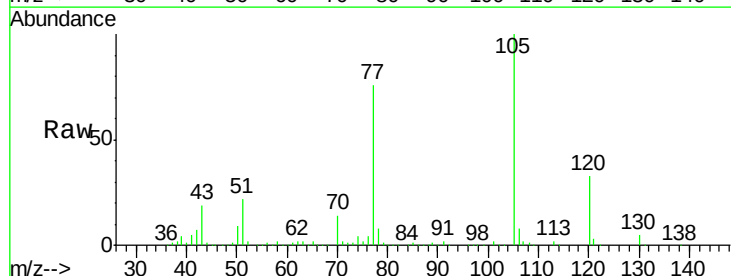
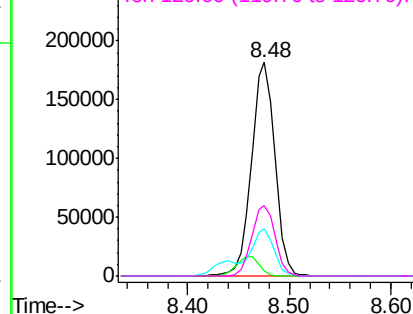
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

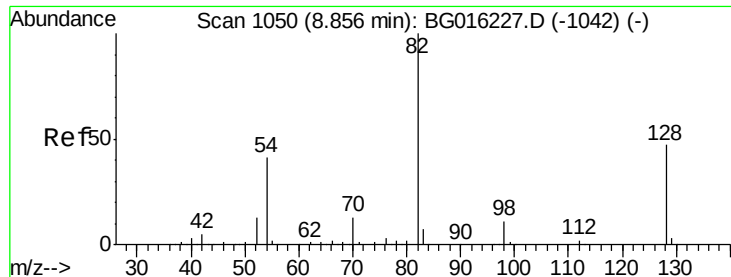


#22
Acetophenone
Concen: 33.71 ng
RT: 8.48 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		289802		
71	2.5		2.0	3.0	
51	22.3		17.9	26.9	
120	33.2		26.3	39.5	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





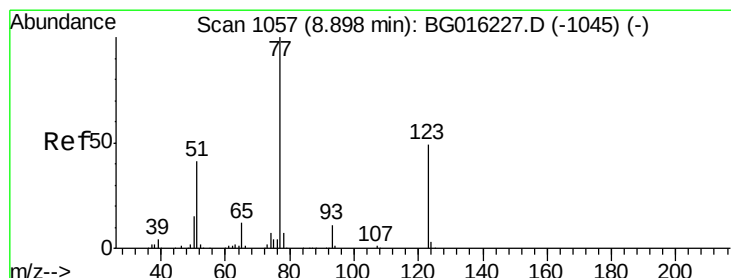
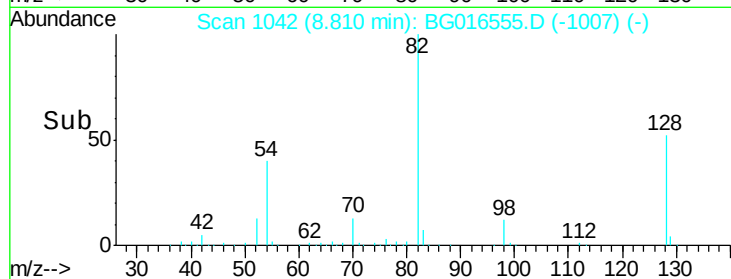
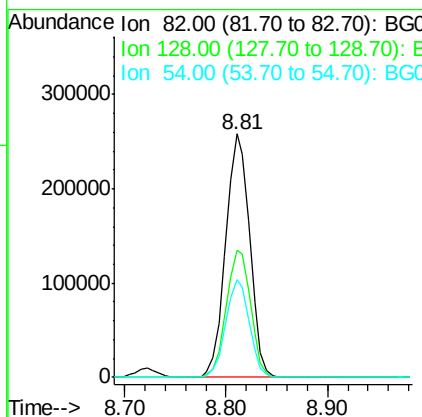
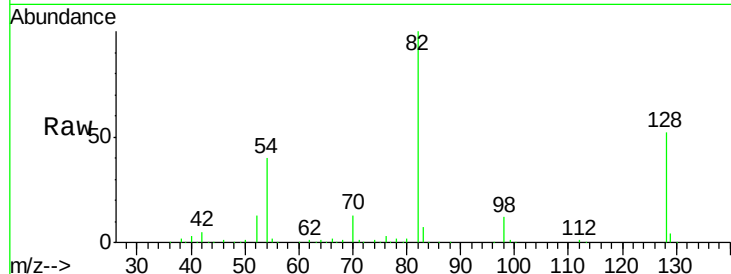
#23
 Nitrobenzene-d5
 Concen: 66.23 ng
 RT: 8.81 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	52.1	37.8	56.8	
54	40.2	32.6	49.0	

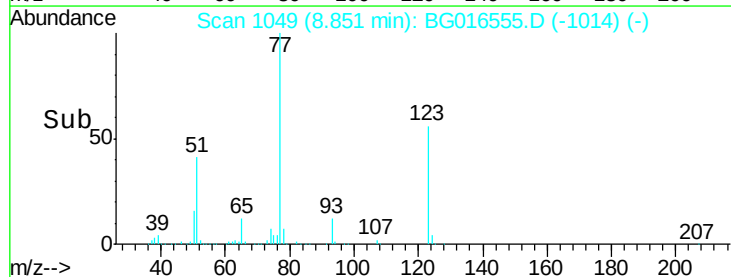
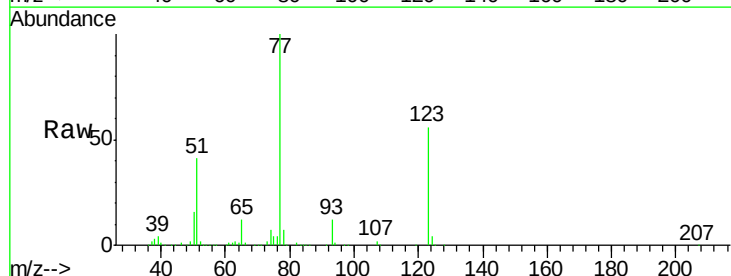
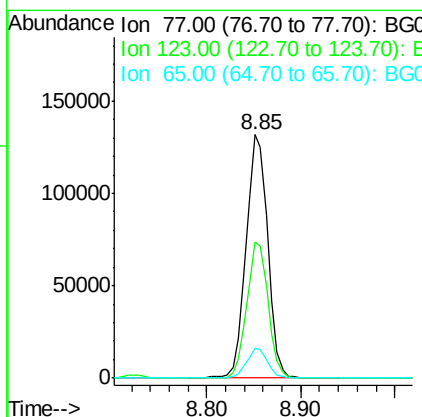
Manual Integrations
 APPROVED

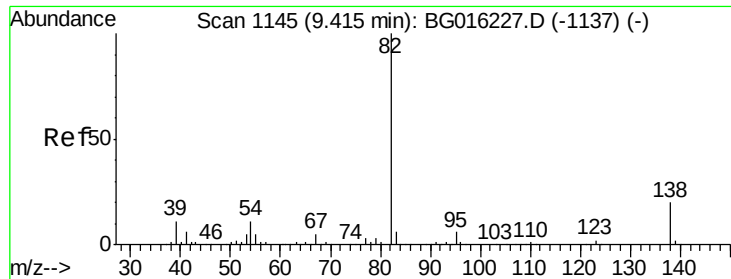
apatel
 4/21/2015 5:05:45 PM



#24
 Nitrobenzene
 Concen: 30.71 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	55.9	38.8	58.2	
65	12.1	9.4	14.2	





#25

Isophorone

Concen: 29.69 ng

RT: 9.37 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

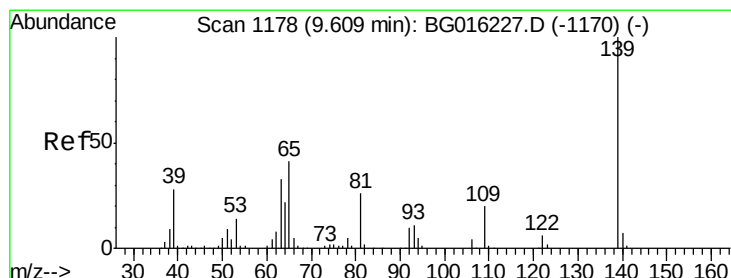
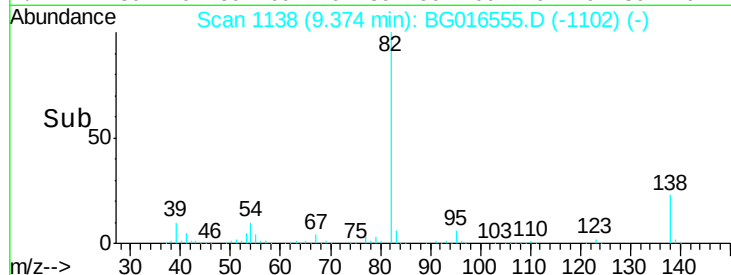
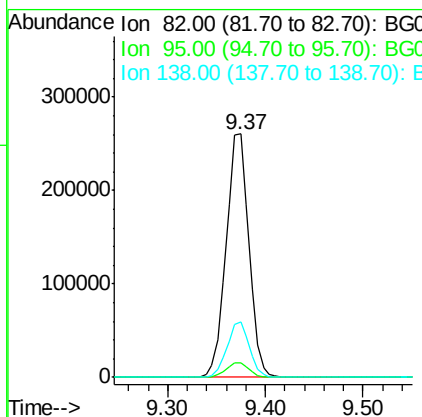
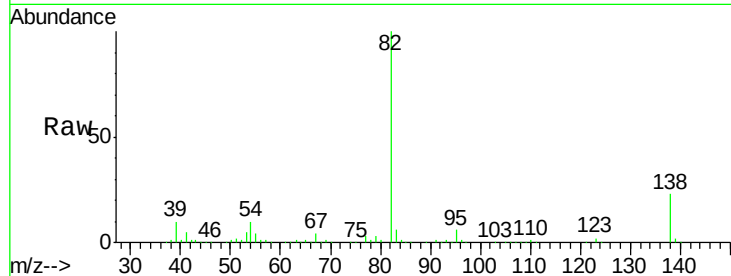
ClientSampleId :

P5-28(0-5)MSD

Tot Ion:	82	Resp:	421955
Ion Ratio		Lower	Upper
82	100		
95	5.9	5.0	7.6
138	22.9	16.2	24.2

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM



#26

2-Nitrophenol

Concen: 39.37 ng

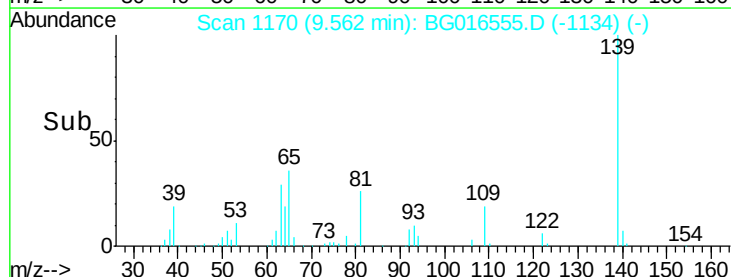
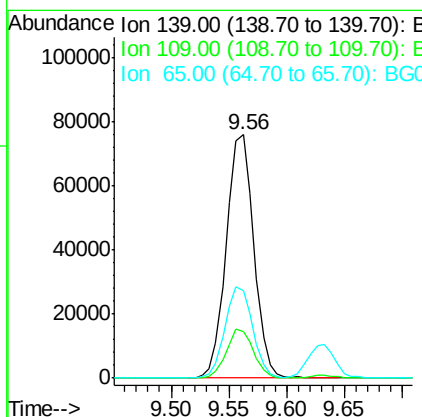
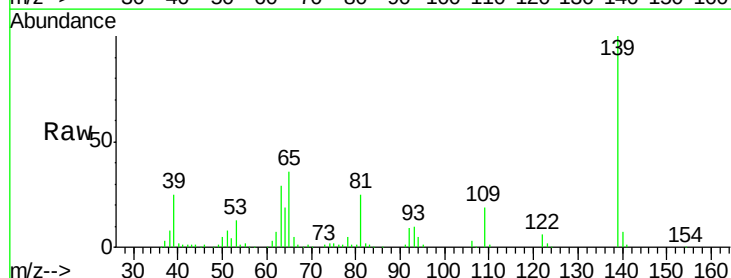
RT: 9.56 min Scan# 1170

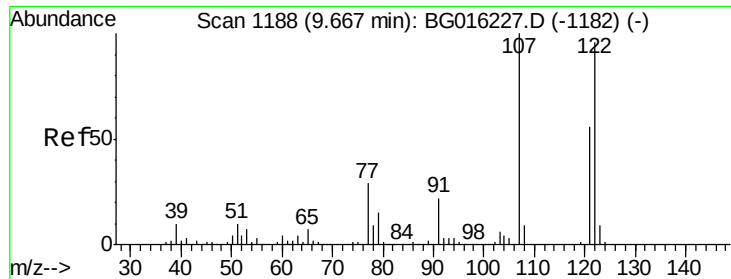
Delta R.T. 0.01 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Tgt Ion:	139	Resp:	125626
Ion Ratio		Lower	Upper
139	100		
109	19.2	15.9	23.9
65	36.0	32.9	49.3





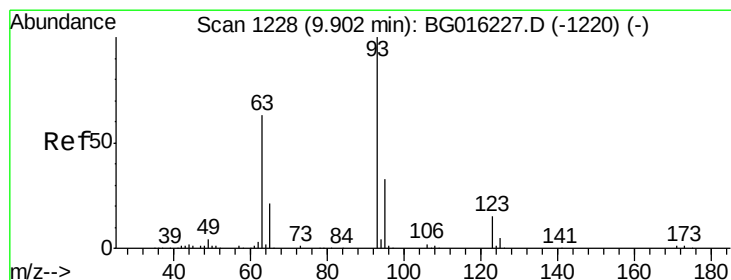
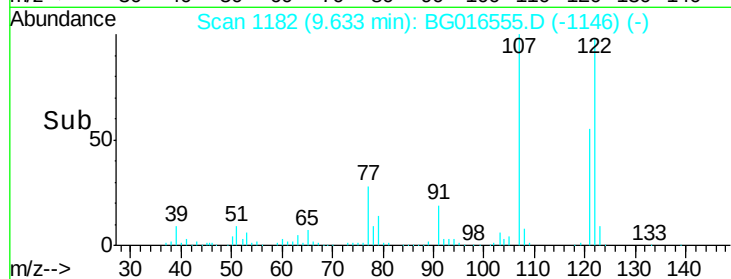
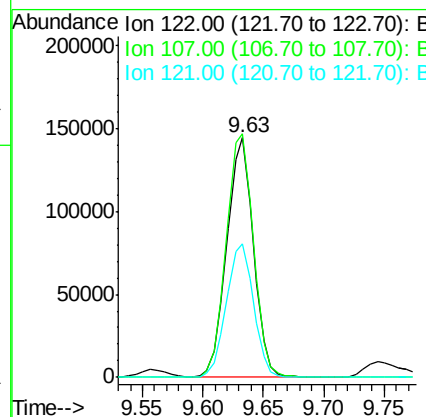
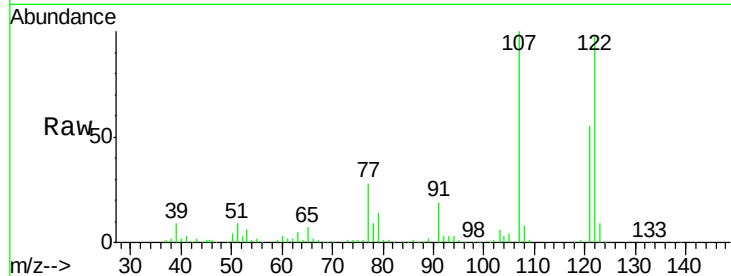
#27
 2,4-Dimethylphenol
 Concen: 36.99 ng
 RT: 9.63 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	219897		
107	101.8	83.4	125.2	
121	55.8	46.2	69.4	

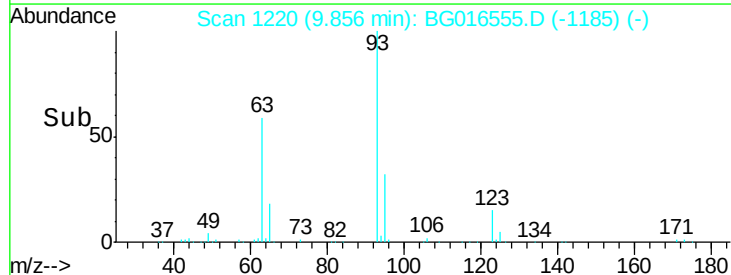
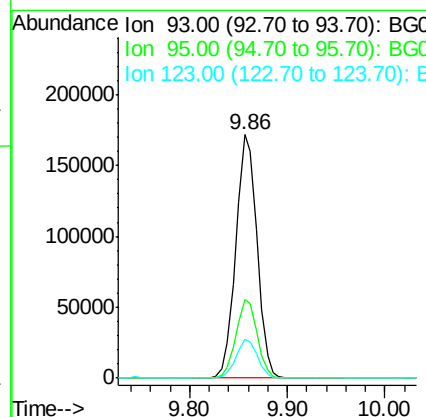
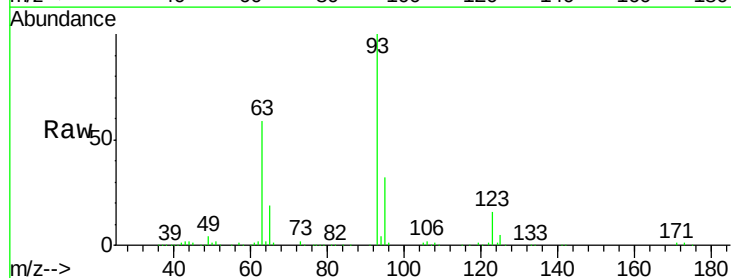
Manual Integrations
 APPROVED

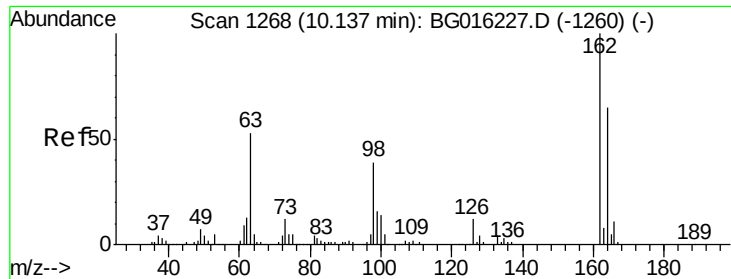
apatel
 4/21/2015 5:05:45 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.80 ng
 RT: 9.86 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	257984		
95	32.2	26.1	39.1	
123	15.7	11.8	17.8	





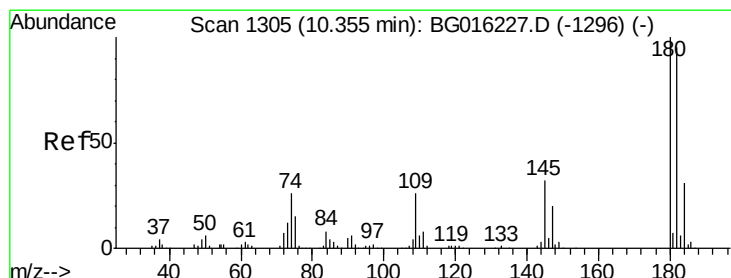
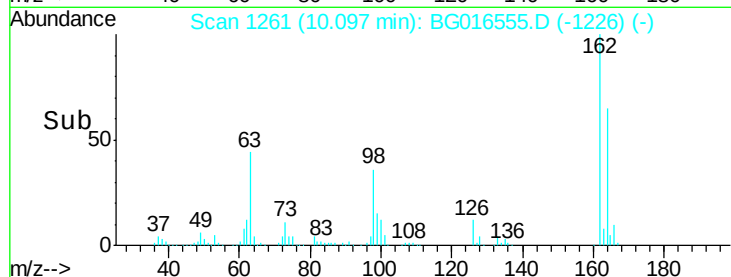
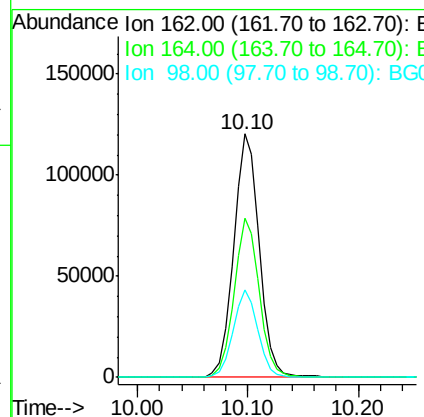
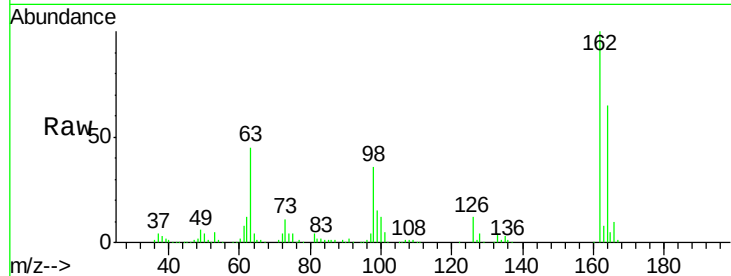
#29
 2,4-Dichlorophenol
 Concen: 41.53 ng
 RT: 10.10 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	195331		
164	65.4	45.0	85.0	
98	35.9	19.1	59.1	

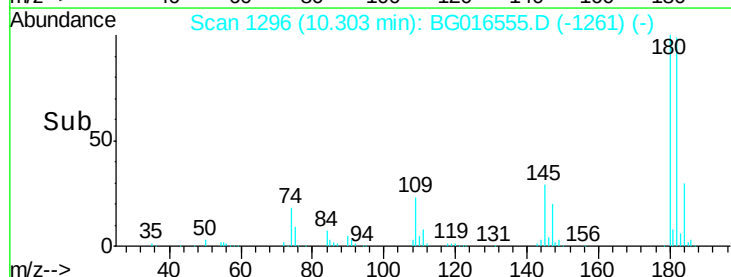
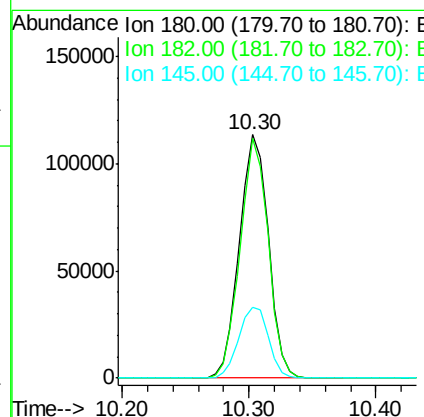
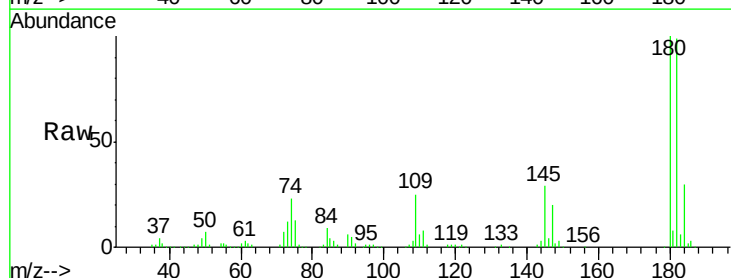
Manual Integrations
 APPROVED

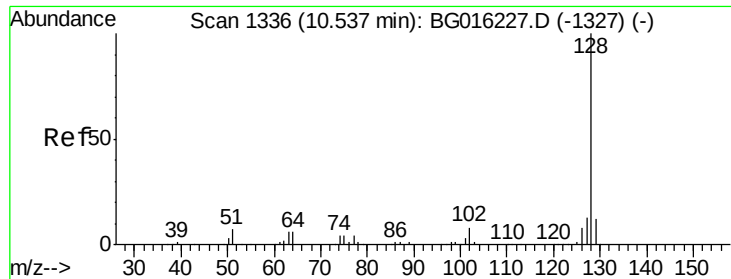
apatel
 4/21/2015 5:05:45 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.61 ng
 RT: 10.30 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	179778		
182	98.5	76.3	114.5	
145	29.2	25.2	37.8	





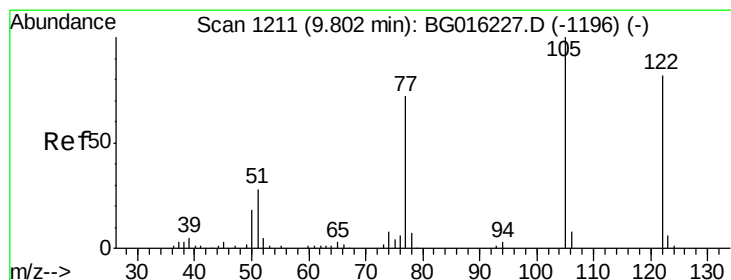
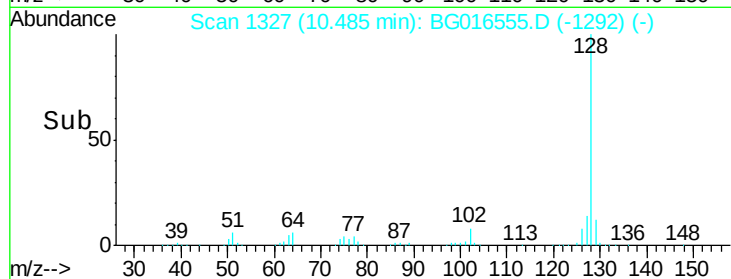
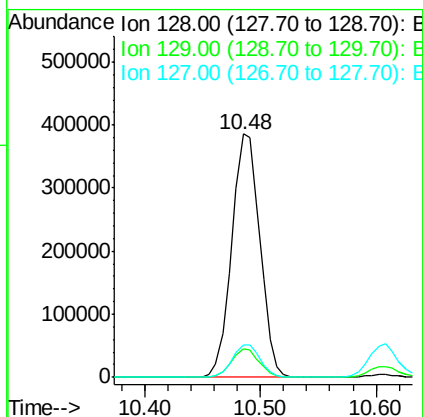
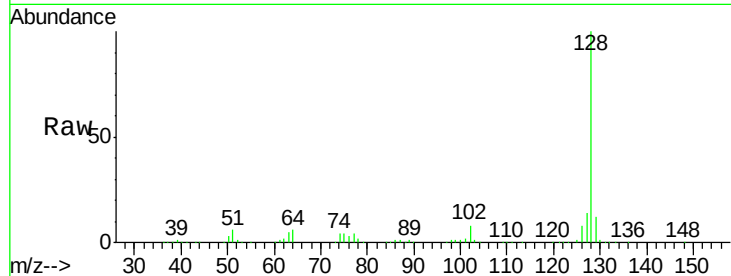
#31
Naphthalene
Concen: 33.64 ng
RT: 10.48 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	649934		
129	11.7		9.2	13.8
127	13.5		10.6	16.0

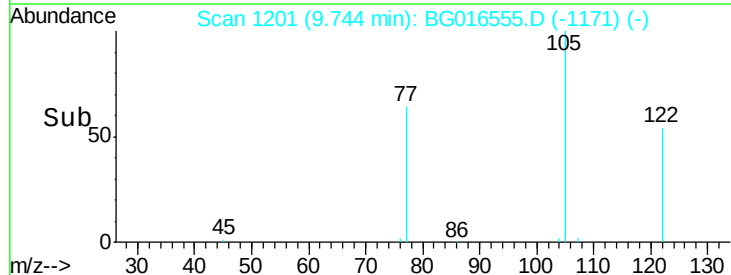
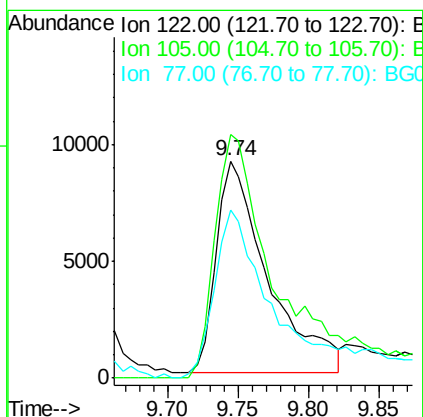
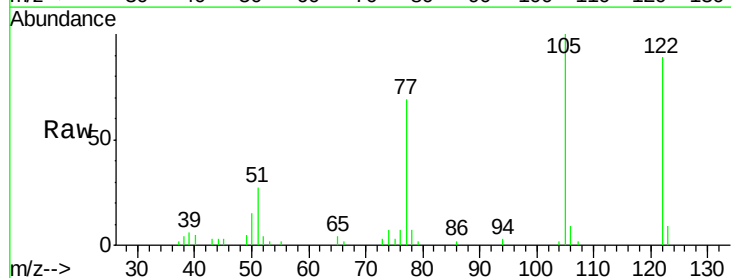
Manual Integrations
APPROVED

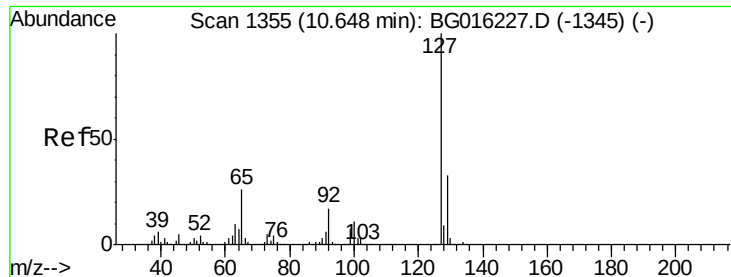
apatel
4/21/2015 5:05:45 PM



#32
Benzoic acid
Concen: 13.62 ng
RT: 9.74 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	23185		
105	112.1		99.7	139.7
77	77.4		66.8	106.8





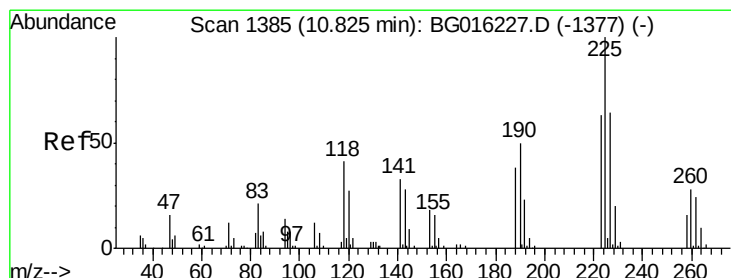
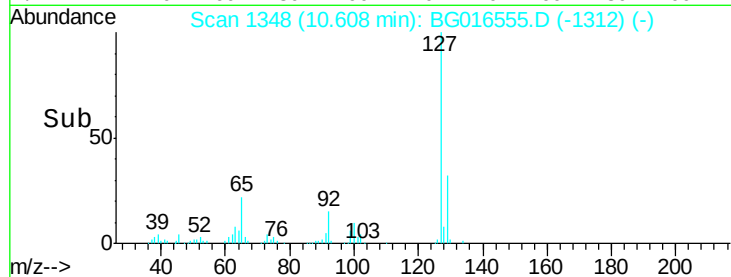
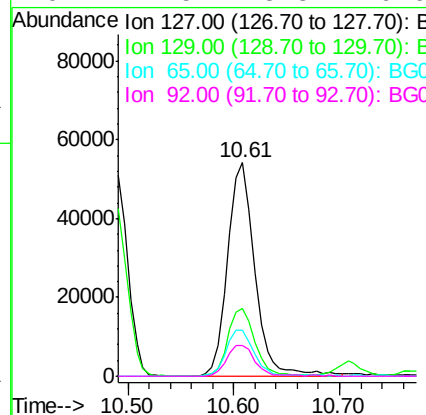
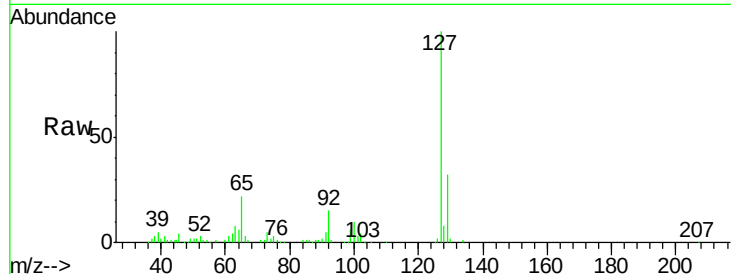
#33
4-Chloroaniline
Concen: 10.73 ng
RT: 10.61 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		97308		
129	31.9	26.1	39.1		
65	21.8	21.2	31.8		
92	14.5	13.8	20.6		

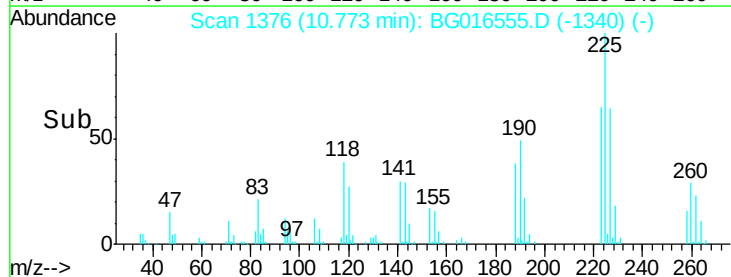
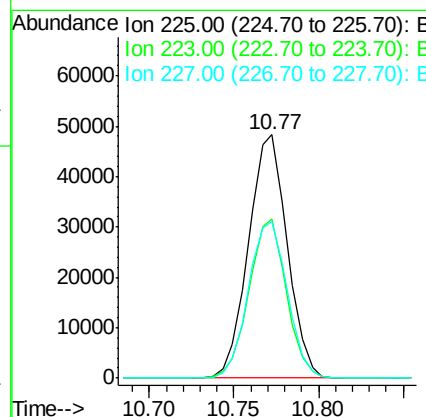
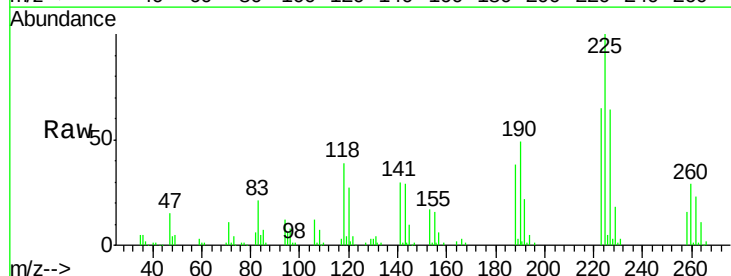
Manual Integrations
APPROVED

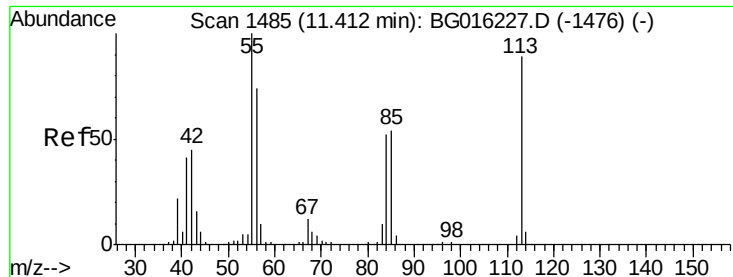
apatel
4/21/2015 5:05:45 PM



#34
Hexachlorobutadiene
Concen: 35.57 ng
RT: 10.77 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		76724		
223	65.3	50.4	75.6		
227	64.4	51.2	76.8		





#35

Caprolactam

Concen: 34.80 ng/ml

RT: 11.38 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

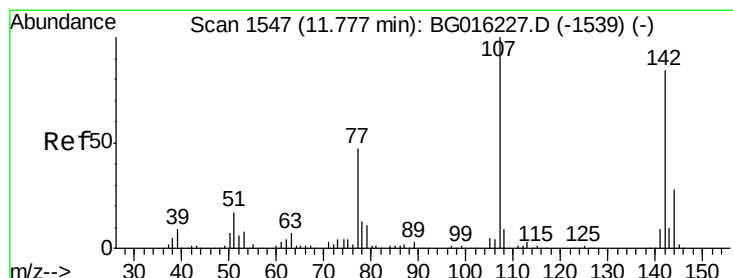
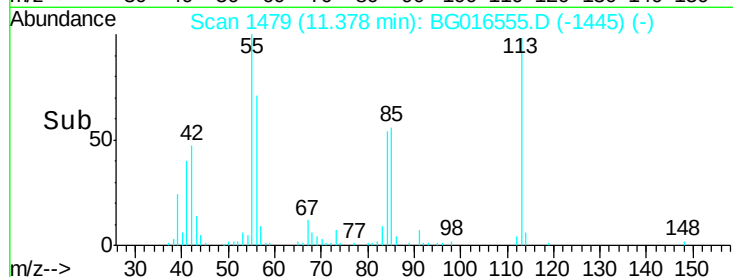
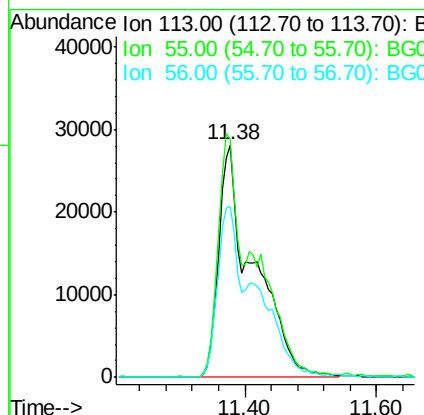
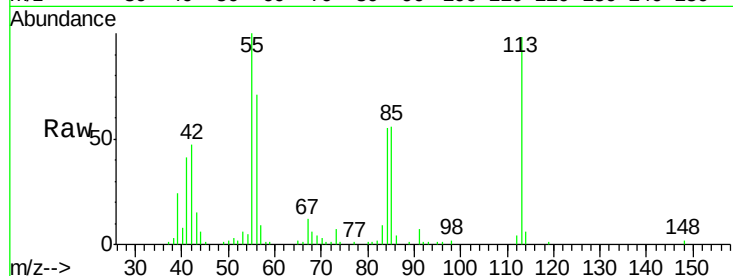
ClientSampleId :

P5-28(0-5)MSD

Tot Ion:	113	Resp:	103048
Ion Ratio	Lower	Upper	
113	100		
55	102.4	92.4	132.4
56	73.2	63.2	103.2

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM



#36

4-Chloro-3-methylphenol

Concen: 36.80 ng/ml

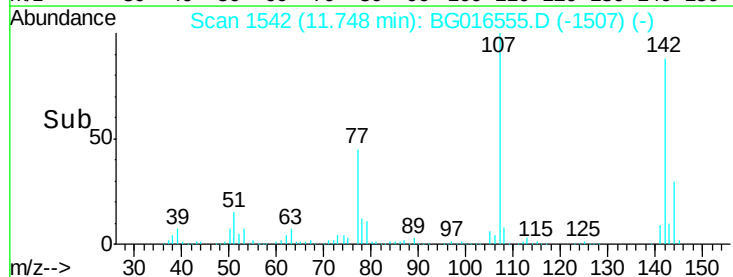
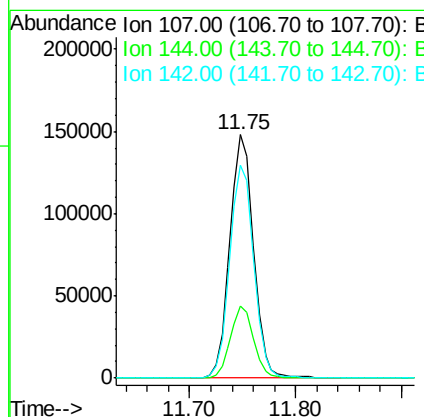
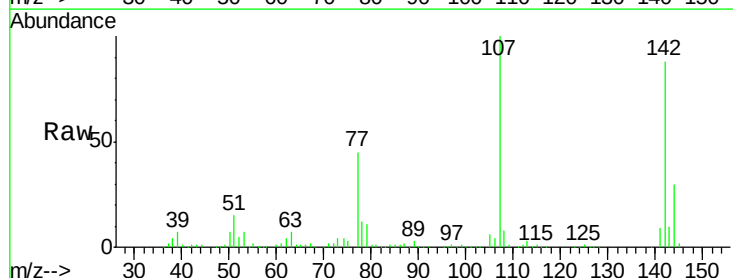
RT: 11.75 min Scan# 1542

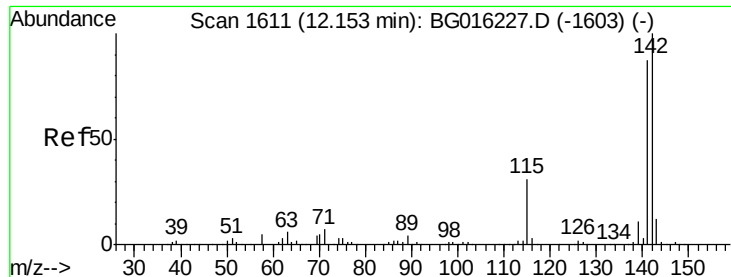
Delta R.T. 0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Tgt Ion:	107	Resp:	228643
Ion Ratio	Lower	Upper	
107	100		
144	29.8	22.0	33.0
142	87.6	67.0	100.6





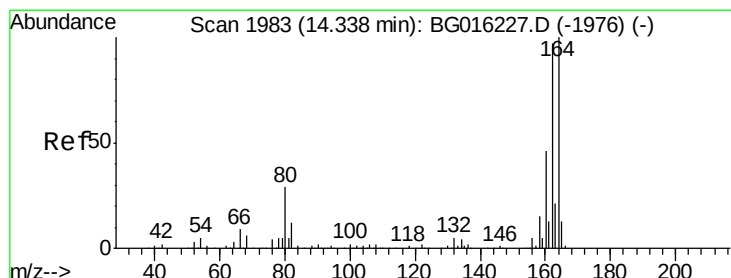
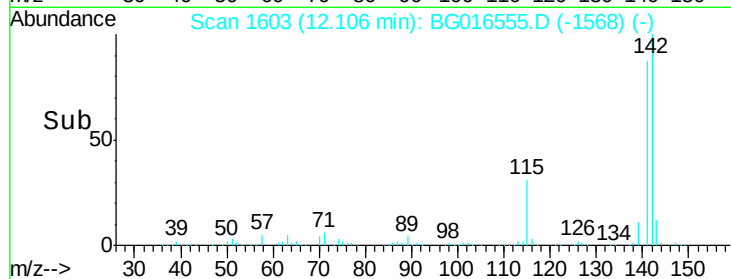
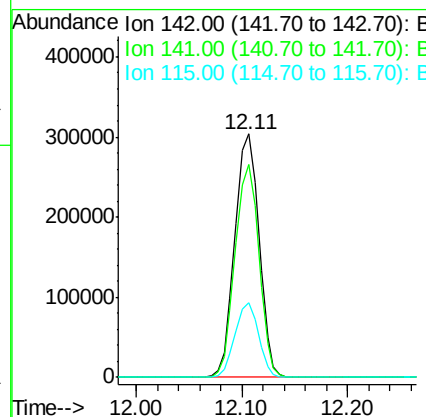
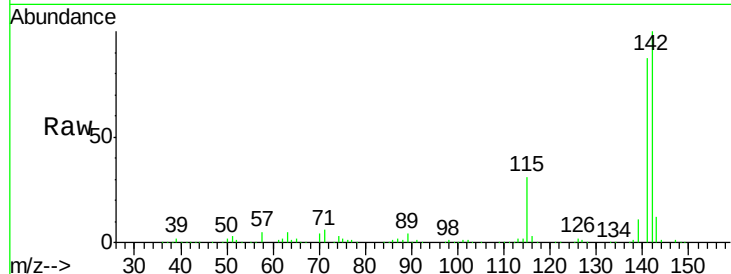
#37
2-Methylnaphthalene
Concen: 34.67 ng
RT: 12.11 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.3	103.9
115	30.5	25.0	37.6

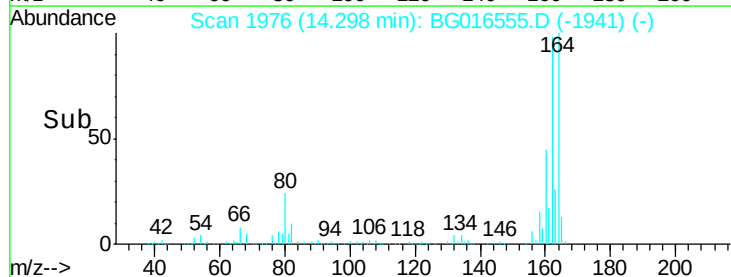
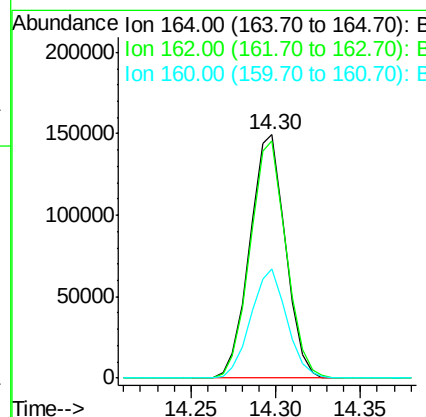
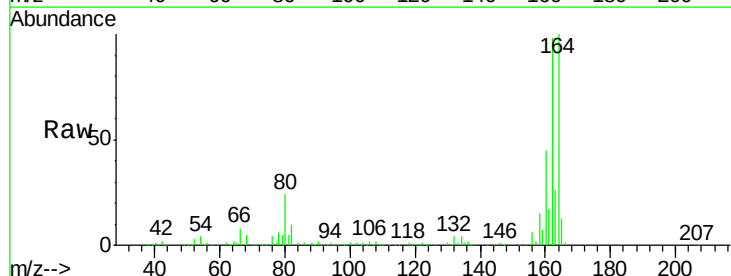
Manual Integrations
APPROVED

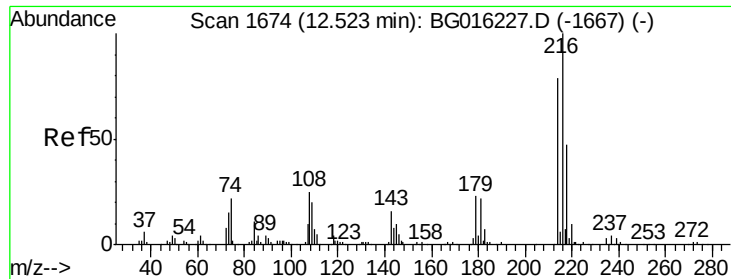
apatel
4/21/2015 5:05:45 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.30 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	77.3	115.9
160	44.7	36.7	55.1





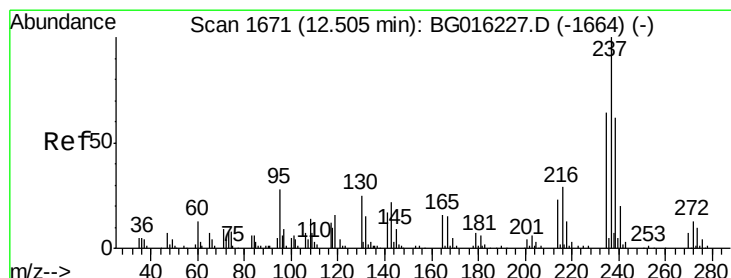
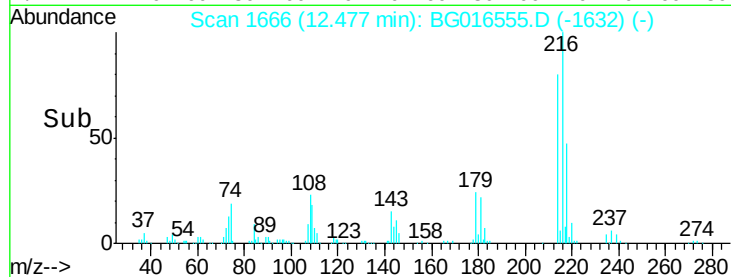
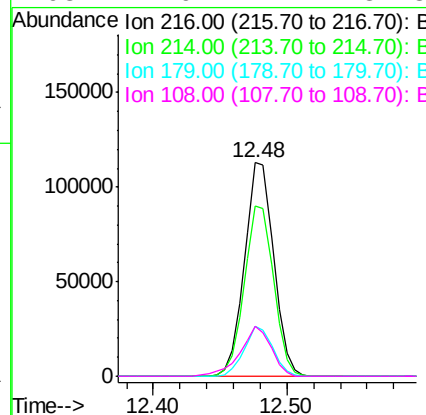
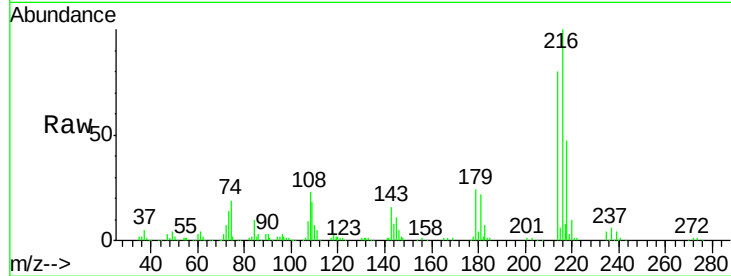
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.21 ng
 RT: 12.48 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		169711		
214	80.1		63.4	95.0	
179	22.8		18.2	27.2	
108	24.9		21.2	31.8	

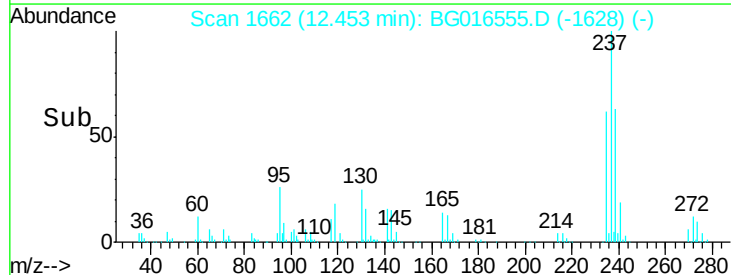
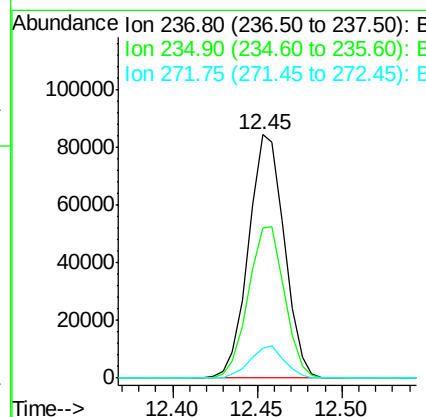
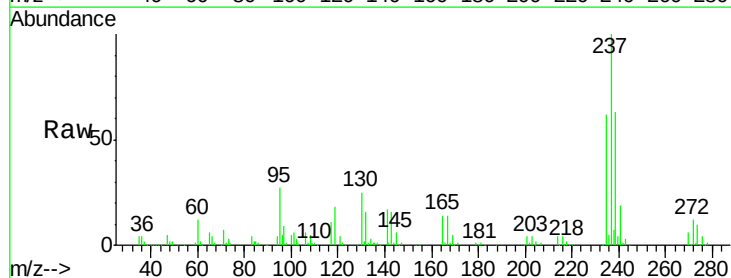
Manual Integrations
 APPROVED

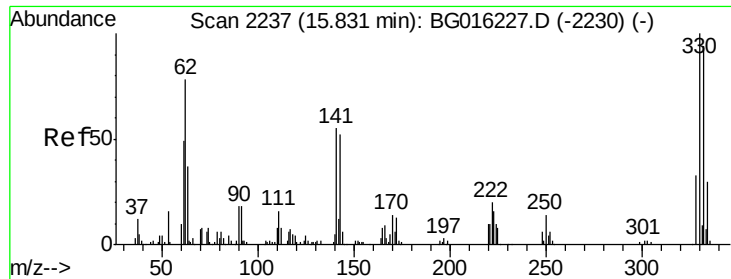
apatel
 4/21/2015 5:05:45 PM



#40
 Hexachlorocyclopentadiene
 Concen: 56.32 ng
 RT: 12.45 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		124251		
235	61.9		43.9	83.9	
272	12.1		0.0	33.1	





#41

2,4,6-Tribromophenol

Concen: 112.14 ng

RT: 15.79 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

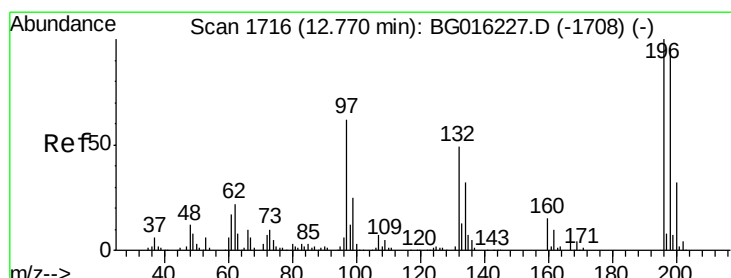
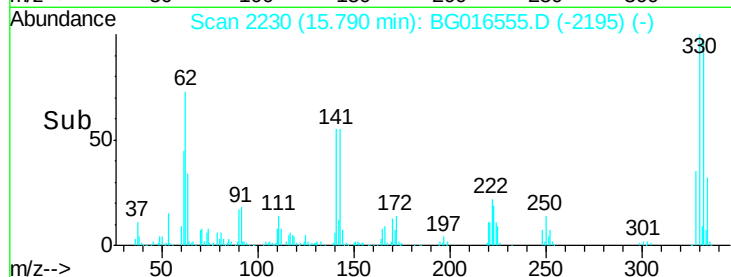
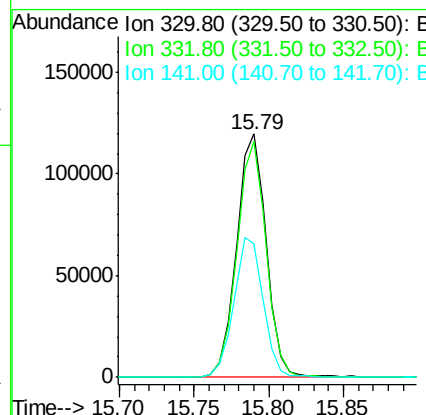
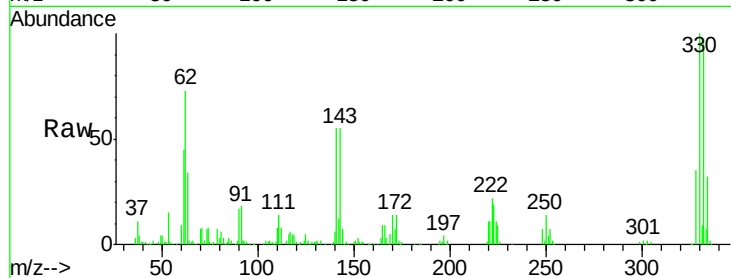
ClientSampleId :

P5-28(0-5)MSD

Tot Ion:	330	Resp:	166024
Ion Ratio	Lower	Upper	
330	100		
332	95.9	75.8	113.6
141	57.4	46.6	69.8

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM



#42

2,4,6-Trichlorophenol

Concen: 38.21 ng

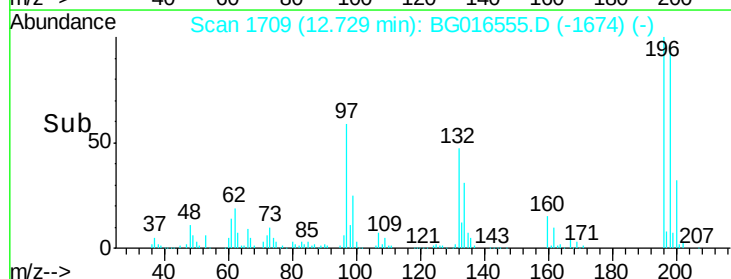
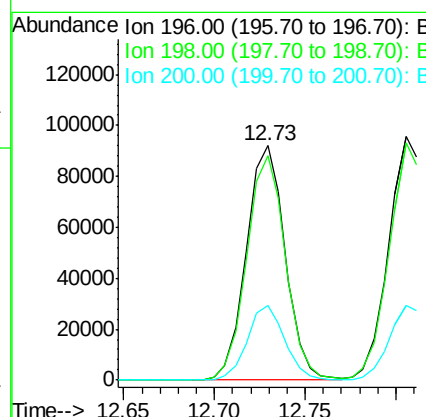
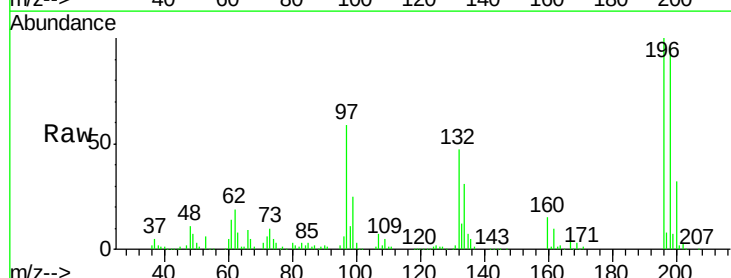
RT: 12.73 min Scan# 1709

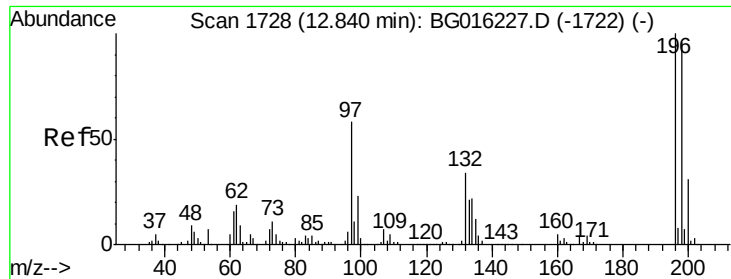
Delta R.T. 0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Tgt Ion:	196	Resp:	136850
Ion Ratio	Lower	Upper	
196	100		
198	96.0	77.2	115.8
200	31.9	25.3	37.9





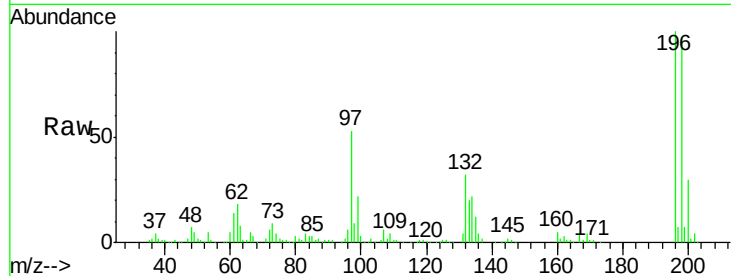
#43
 2,4,5-Trichlorophenol
 Concen: 38.92 ng
 RT: 12.81 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

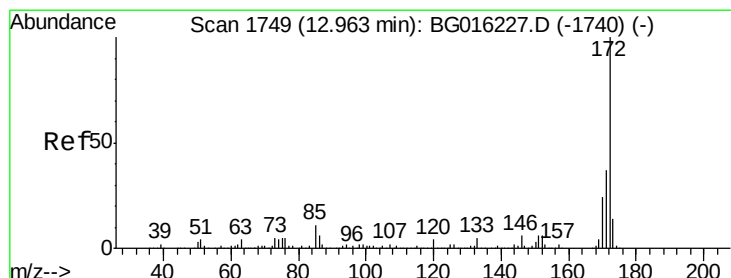
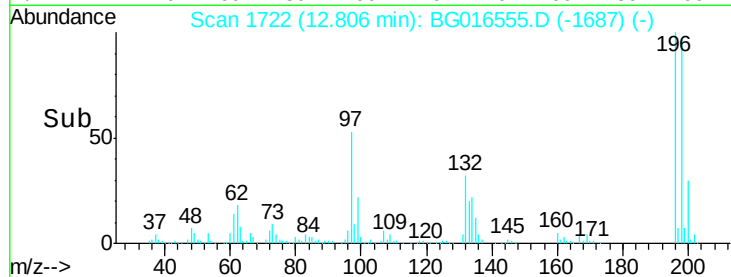
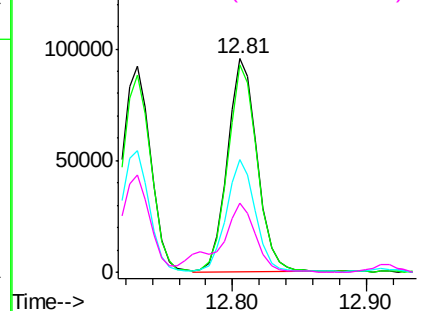
Tot Ion	Ratio	Resp	Lower	Upper
196	100	148943		
198	97.3	77.1	115.7	
97	52.5	46.6	69.8	
132	32.2	27.0	40.6	

Manual Integrations
 APPROVED

apatel
 4/21/2015 5:05:45 PM

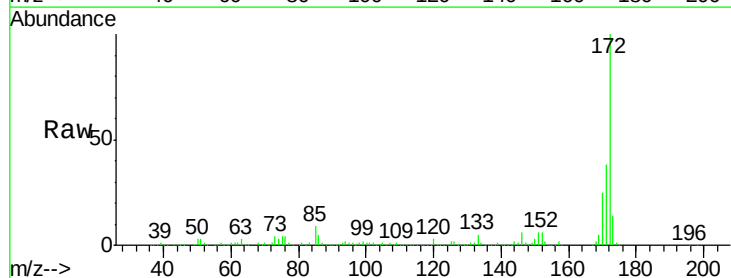


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

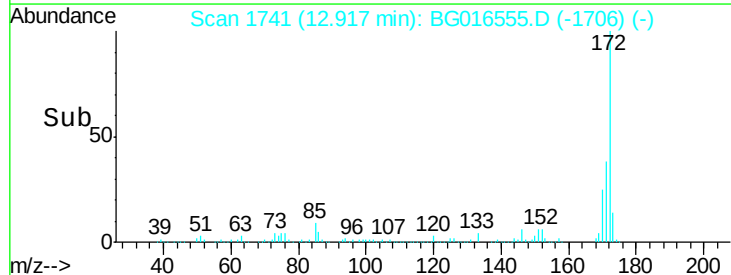
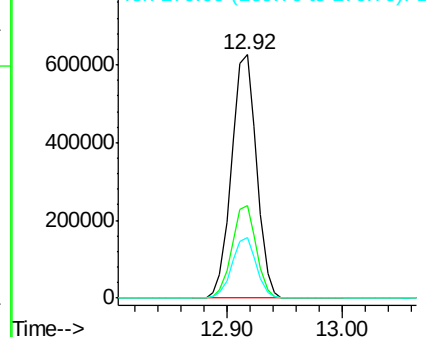


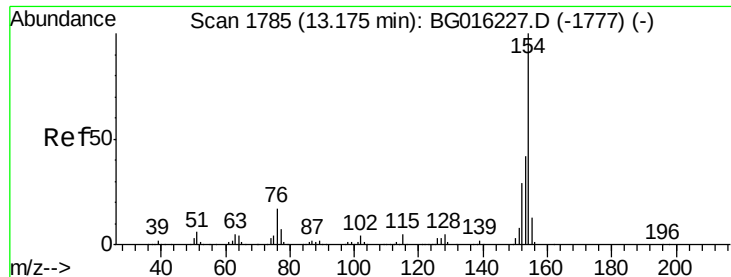
#44
 2-Fluorobiphenyl
 Concen: 72.61 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	933623		
171	37.9	29.6	44.4	
170	24.9	19.4	29.2	



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





#45

1,1'-Biphenyl

Concen: 34.71 ng

RT: 13.13 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

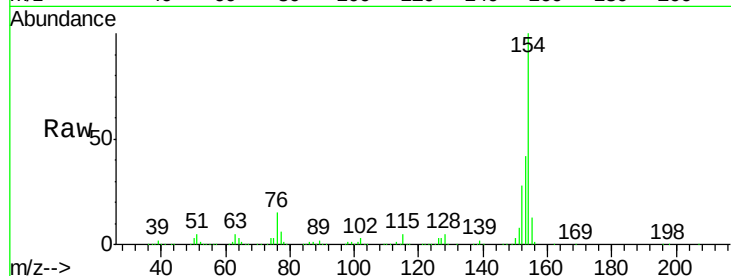
ClientSampleId :

P5-28(0-5)MSD

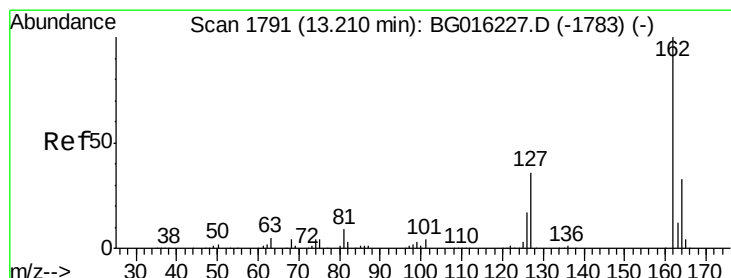
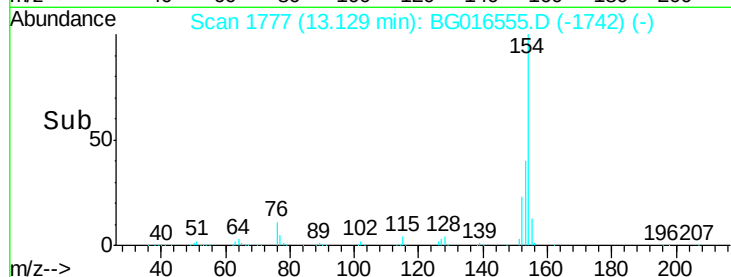
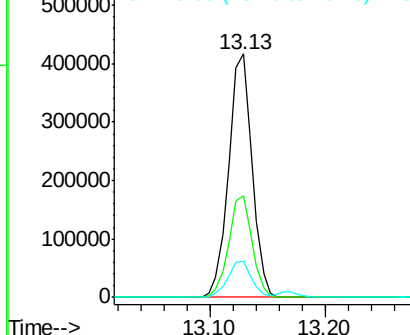
Tot Ion:	154	Resp:	582905
Ion Ratio	Lower	Upper	
154	100		
153	41.7	22.4	62.4
76	14.8	0.0	37.1

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 34.52 ng

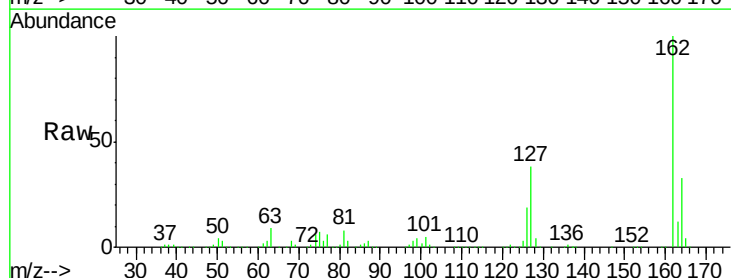
RT: 13.16 min Scan# 1783

Delta R.T. -0.00 min

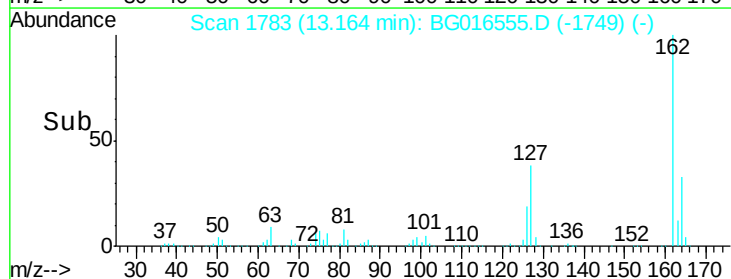
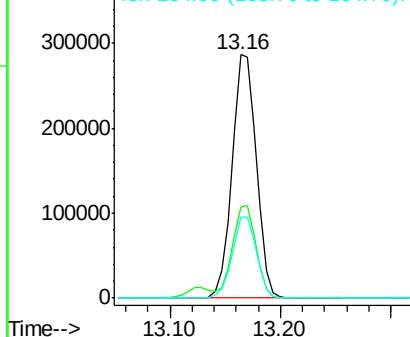
Lab File: BG016555.D

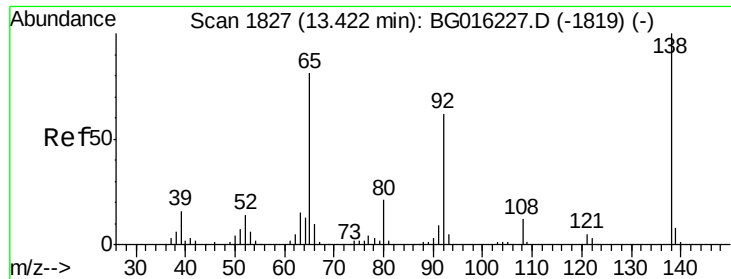
Acq: 20 Apr 2015 17:32

Tgt Ion:	162	Resp:	441622
Ion Ratio	Lower	Upper	
162	100		
127	37.7	30.8	46.2
164	33.1	26.6	40.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





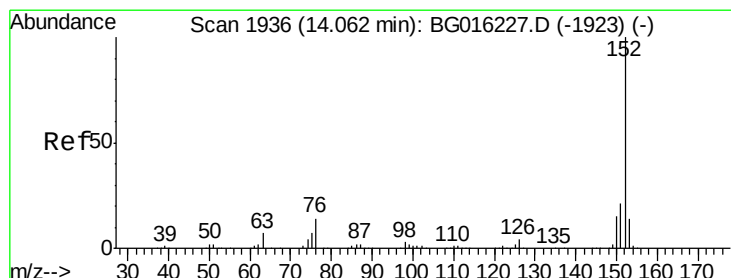
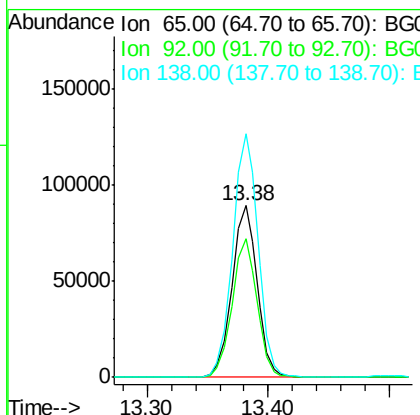
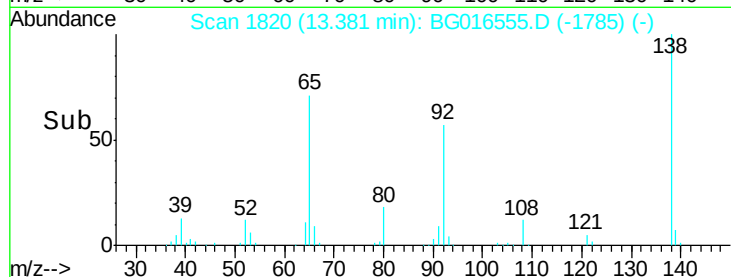
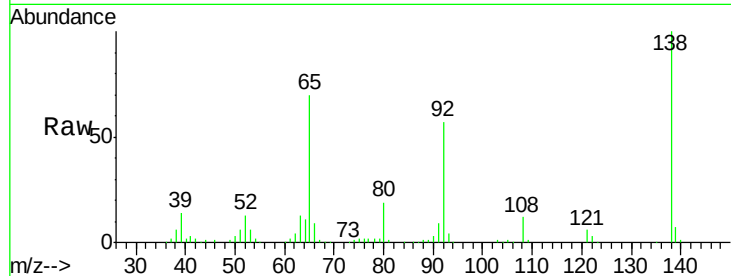
#47
2-Nitroaniline
Concen: 31.55 ng
RT: 13.38 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	80.8	61.0	91.6
138	141.9	98.7	148.1

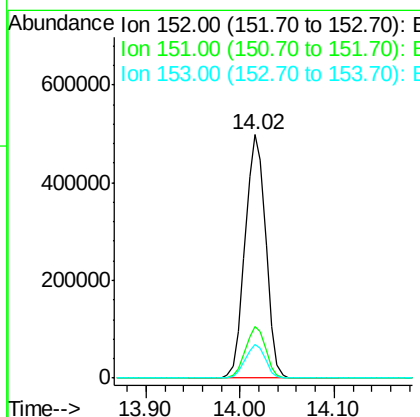
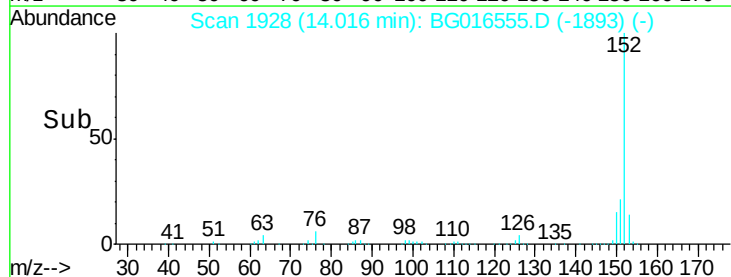
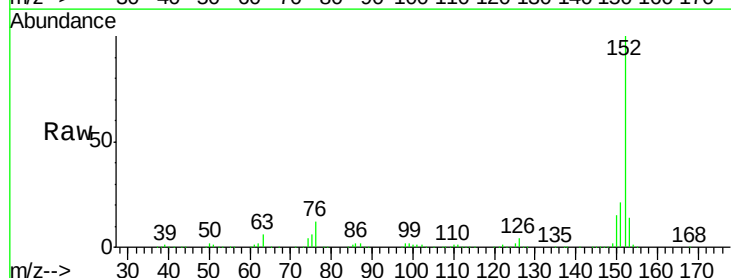
Manual Integrations
APPROVED

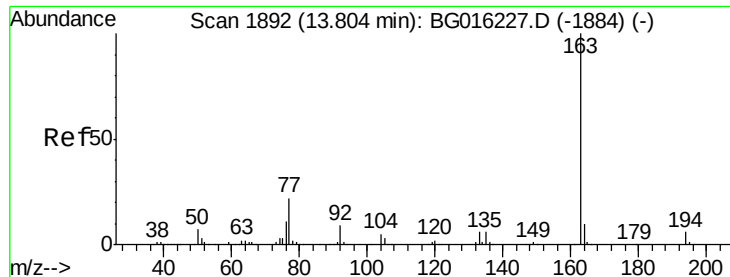
apatel
4/21/2015 5:05:45 PM



#48
Acenaphthylene
Concen: 33.20 ng
RT: 14.02 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.5	24.7
153	13.6	11.1	16.7





#49

Dimethylphthalate

Concen: 36.50 ng

RT: 13.76 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

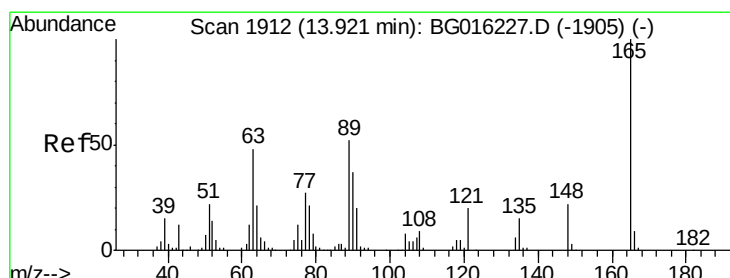
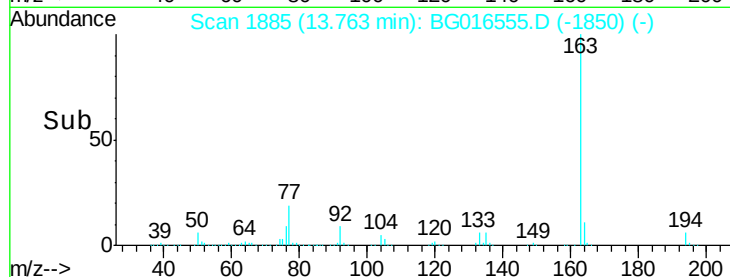
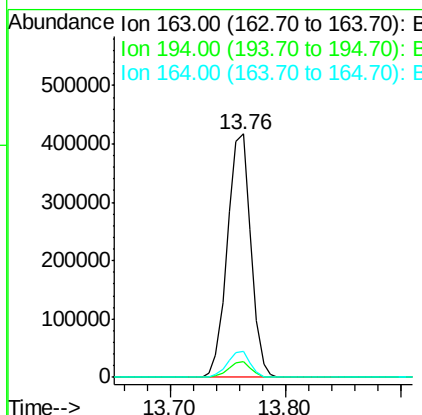
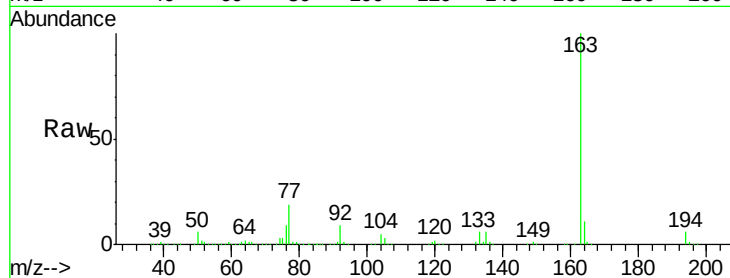
ClientSampleId :

P5-28(0-5)MSD

Tot Ion:	163	Resp:	585631
Ion Ratio	Lower	Upper	
163	100		
194	6.3	5.0	7.4
164	10.7	8.2	12.4

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM



#50

2,6-Dinitrotoluene

Concen: 34.76 ng

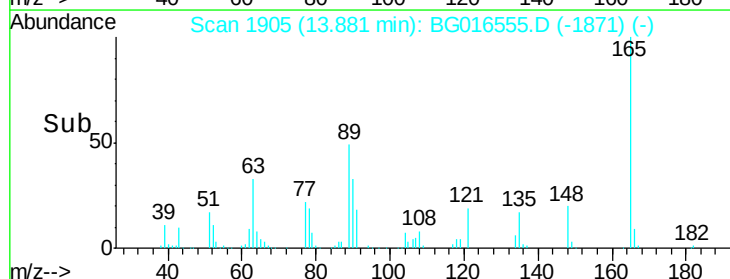
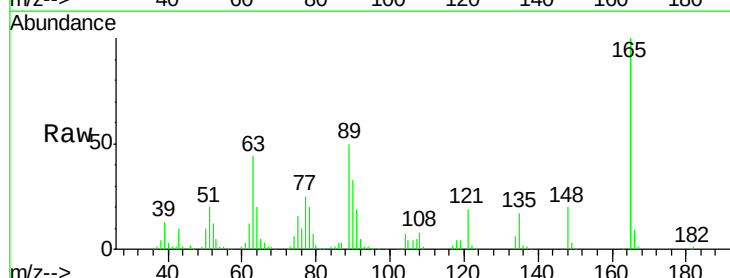
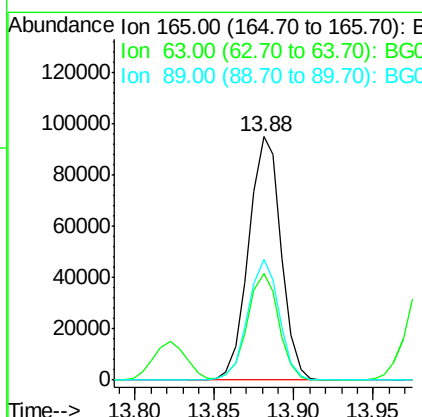
RT: 13.88 min Scan# 1905

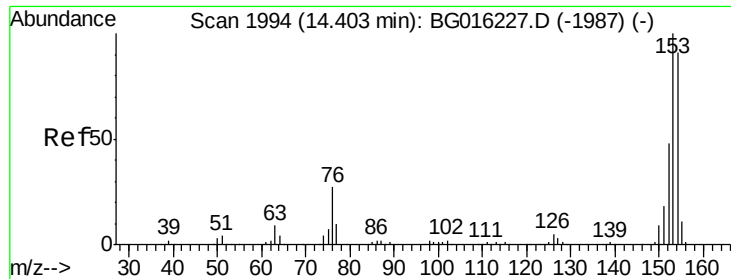
Delta R.T. -0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Tgt Ion:	165	Resp:	134910
Ion Ratio	Lower	Upper	
165	100		
63	43.6	39.3	58.9
89	49.7	41.3	61.9





#51

Acenaphthene

Concen: 33.45 ng

RT: 14.36 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG016555.D

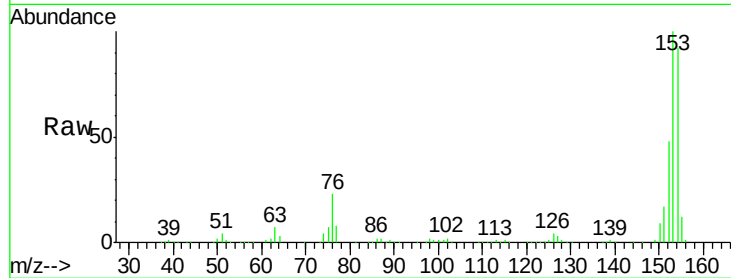
Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

ClientSampleId :

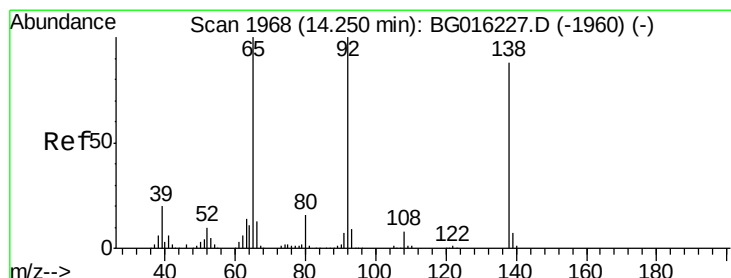
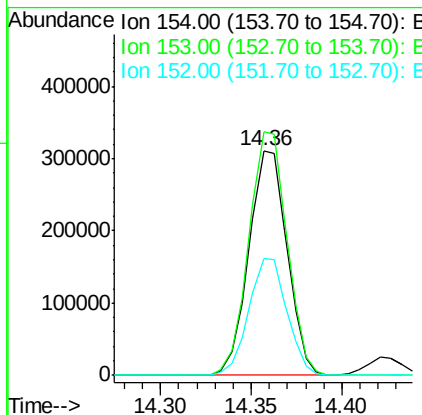
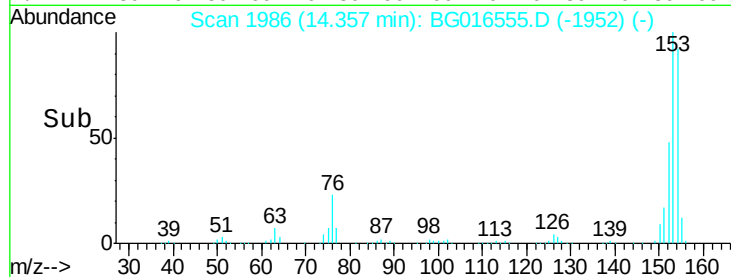
P5-28(0-5)MSD



Tot Ion:	154	Resp:	454704
Ion Ratio	Lower	Upper	
154	100		
153	108.4	87.5	131.3
152	52.3	42.1	63.1

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM



#52

3-Nitroaniline

Concen: 15.23 ng

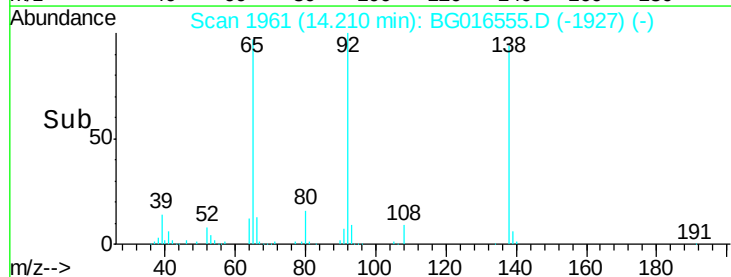
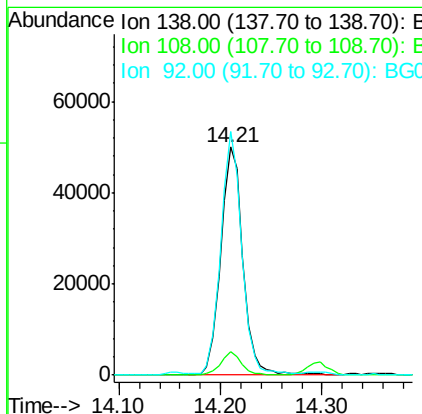
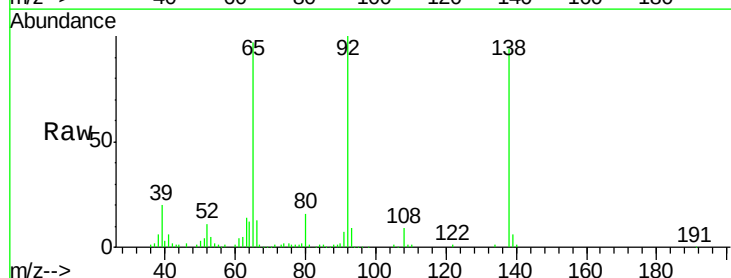
RT: 14.21 min Scan# 1961

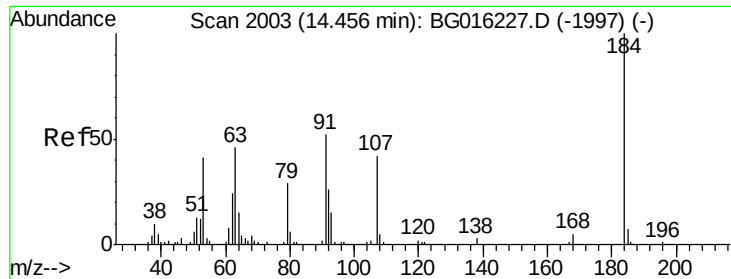
Delta R.T. -0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Tgt Ion:	138	Resp:	75496
Ion Ratio	Lower	Upper	
138	100		
108	10.1	7.4	11.0
92	106.9	91.4	137.0





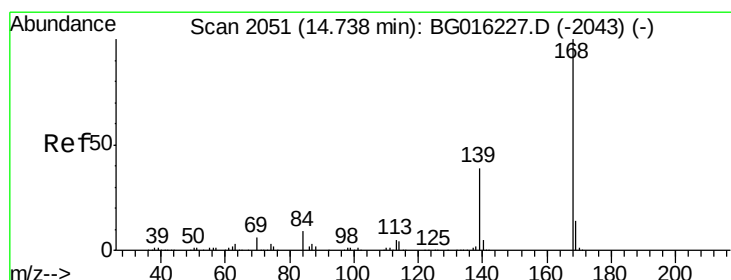
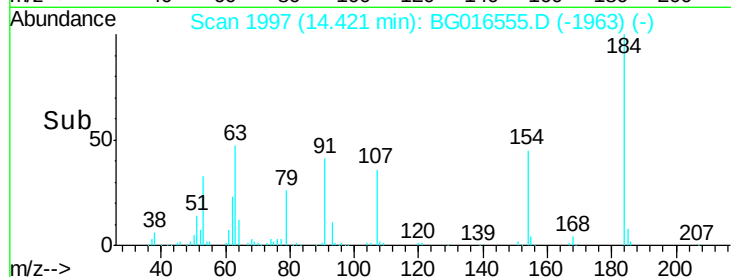
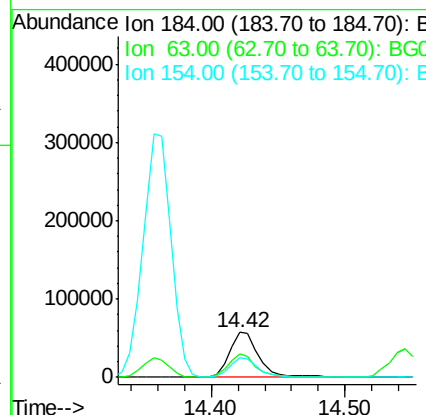
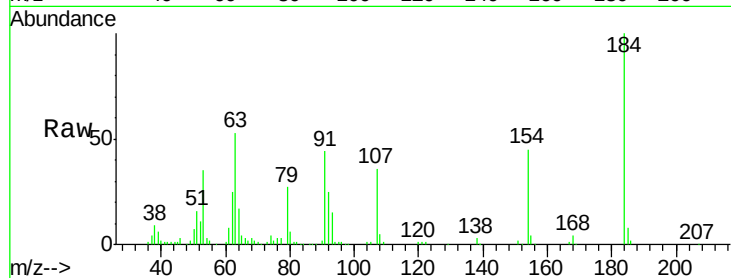
#53
 2,4-Dinitrophenol
 Concen: 43.82 ng
 RT: 14.42 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	53.3	45.8	68.6
154	44.6	34.5	51.7

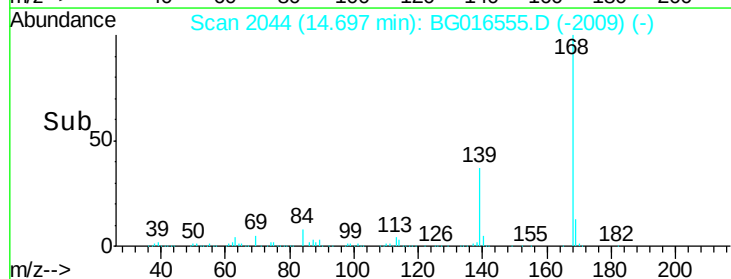
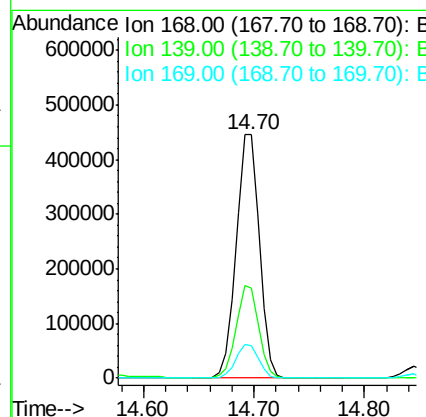
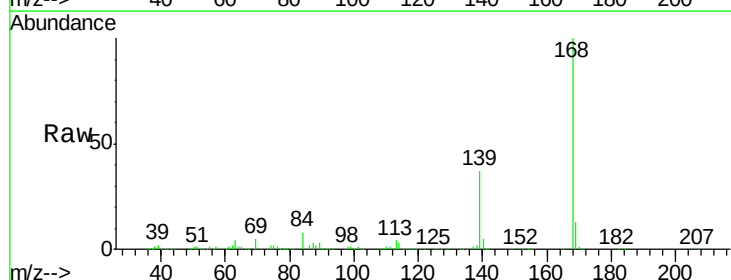
Manual Integrations
 APPROVED

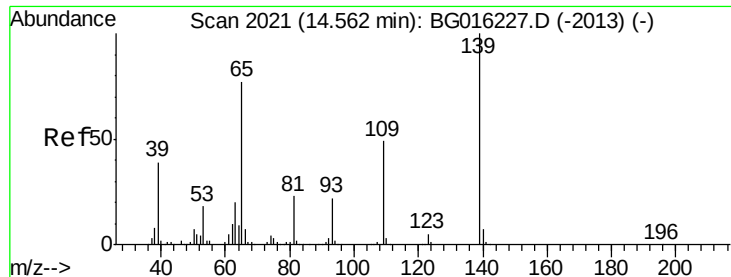
apatel
 4/21/2015 5:05:45 PM



#54
 Dibenzofuran
 Concen: 34.91 ng
 RT: 14.70 min Scan# 2044
 Delta R.T. 0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	31.0	46.6
169	13.3	11.2	16.8





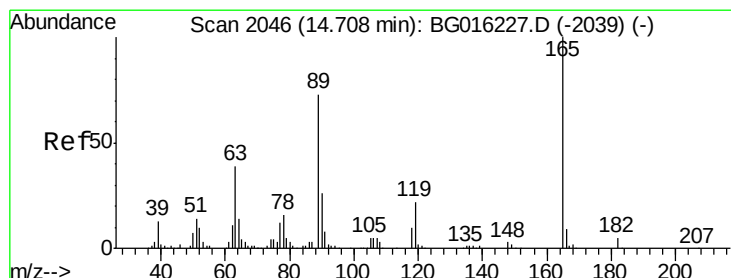
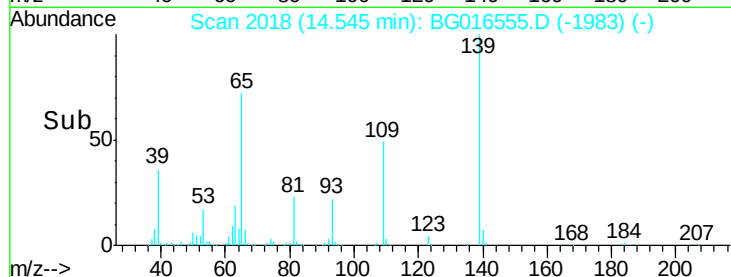
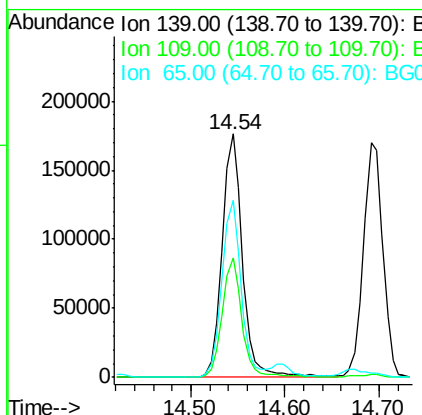
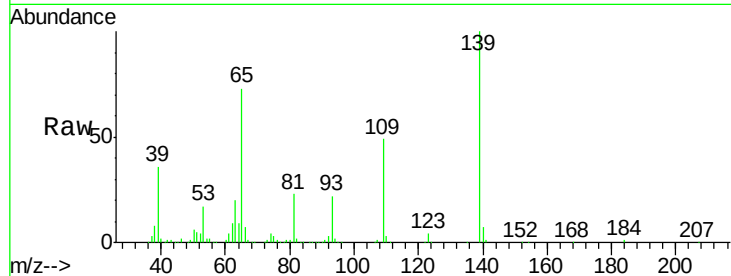
#55
4-Nitrophenol
Concen: 64.93 ng
RT: 14.54 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	265940		
109	48.9	28.5	68.5	
65	72.5	56.9	96.9	

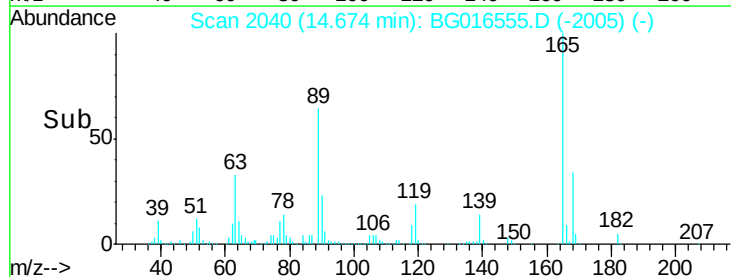
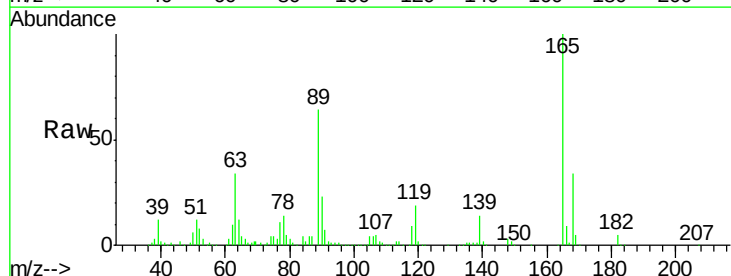
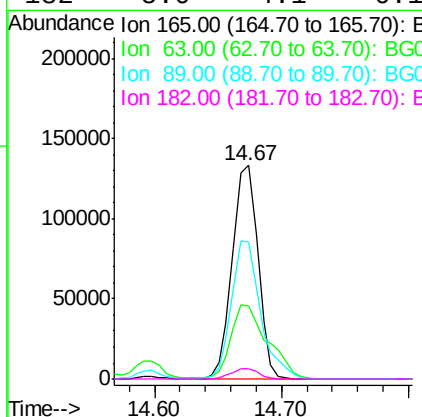
Manual Integrations
APPROVED

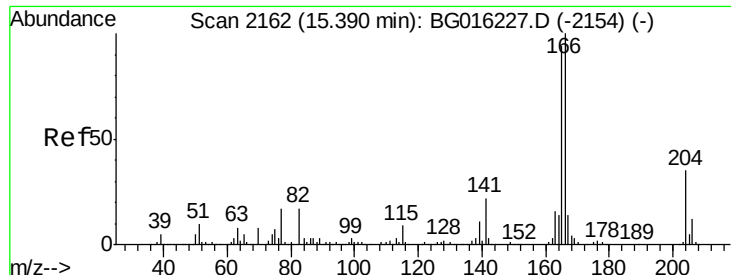
apatel
4/21/2015 5:05:45 PM



#56
2,4-Dinitrotoluene
Concen: 35.39 ng
RT: 14.67 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	187036		
63	34.0	31.4	47.2	
89	64.0	58.8	88.2	
182	5.0	4.1	6.1	





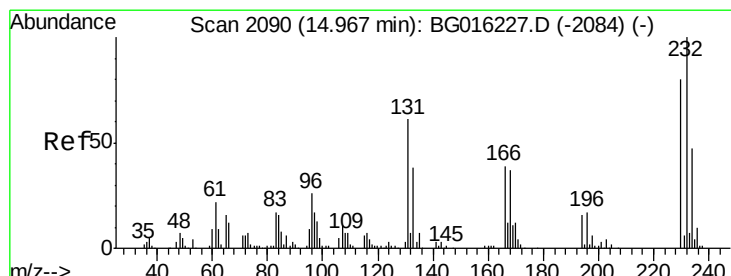
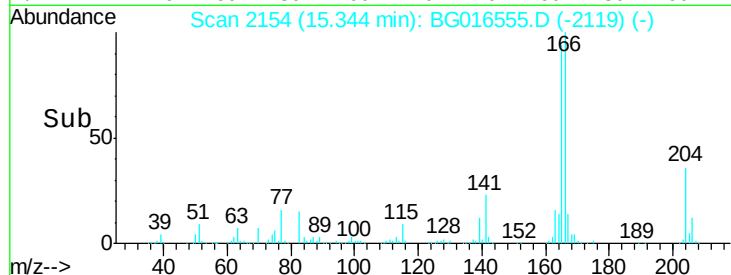
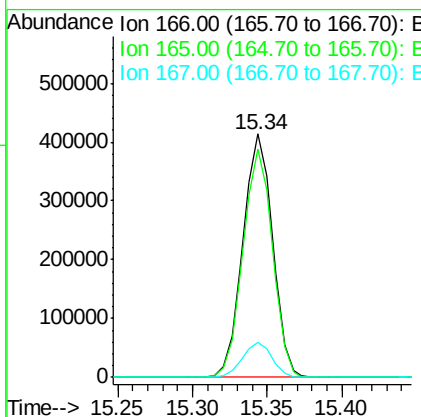
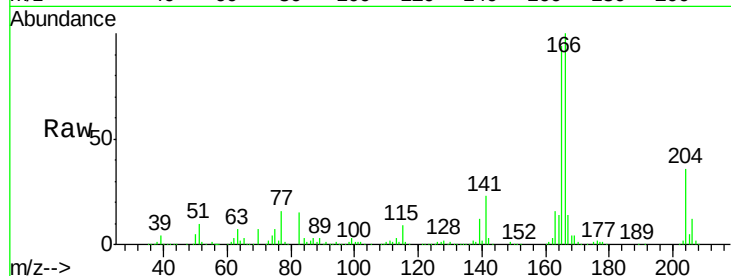
#57
 Fluorene
 Concen: 34.12 ng
 RT: 15.34 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

Tot Ion:	166	Resp:	567900
Ion Ratio	Lower	Upper	
166	100		
165	93.6	75.2	112.8
167	14.1	11.3	16.9

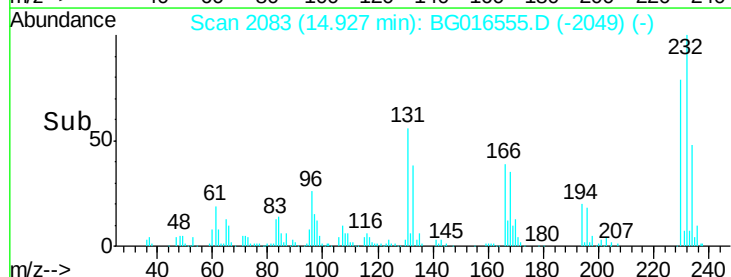
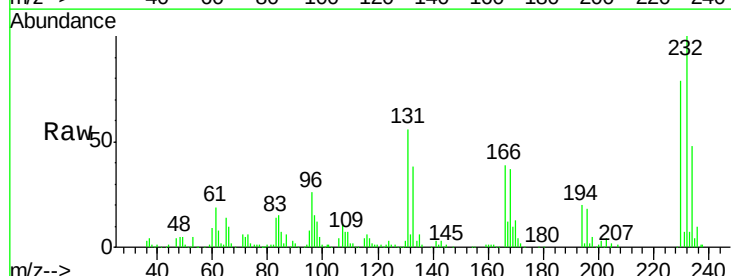
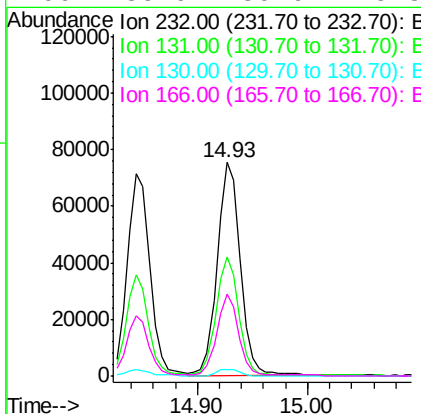
Manual Integrations
 APPROVED

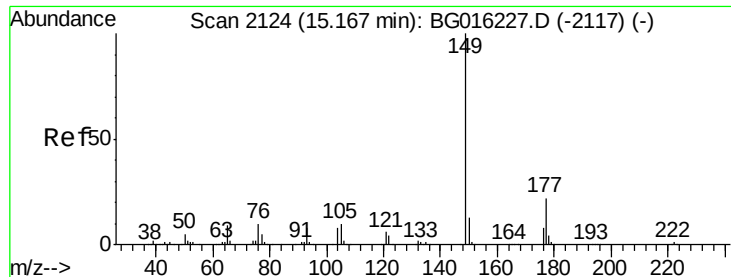
apatel
 4/21/2015 5:05:45 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.05 ng
 RT: 14.93 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Tgt Ion:	232	Resp:	109407
Ion Ratio	Lower	Upper	
232	100		
131	54.2	49.8	74.6
130	3.2	2.6	3.8
166	35.9	30.6	45.8





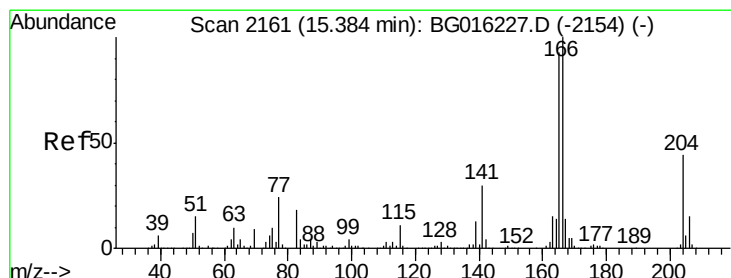
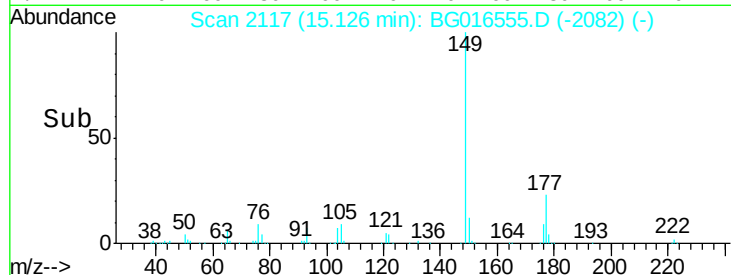
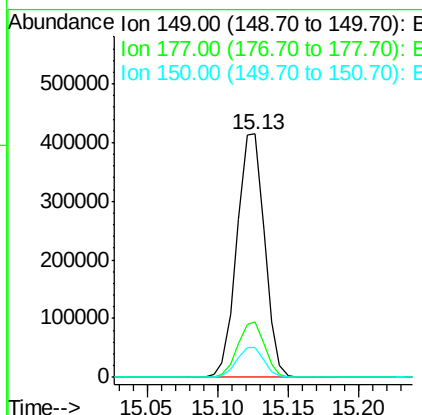
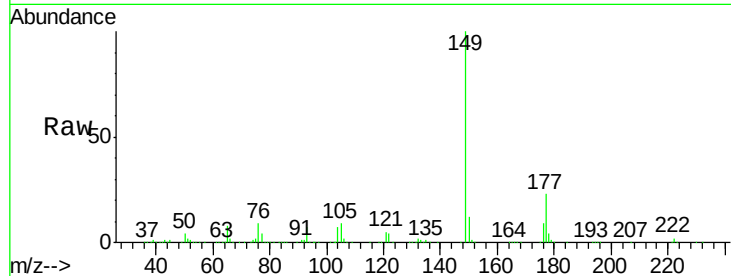
#59
Diethylphthalate
Concen: 33.14 ng
RT: 15.13 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	565997		
177	23.0		17.7	26.5
150	12.3		10.0	15.0

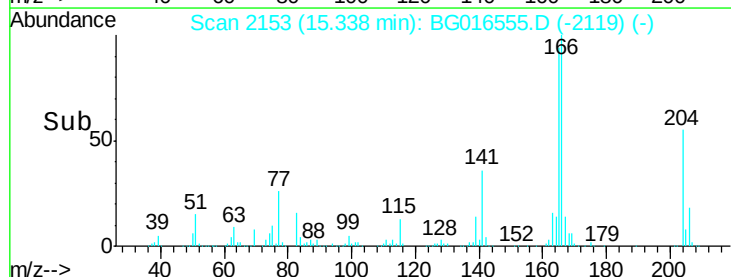
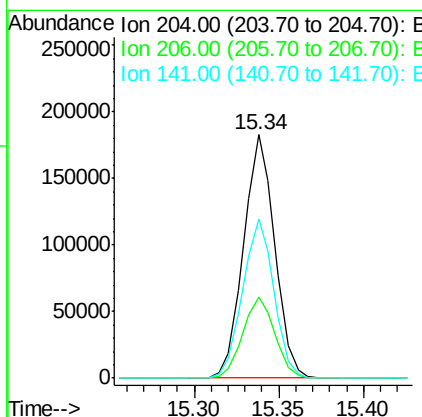
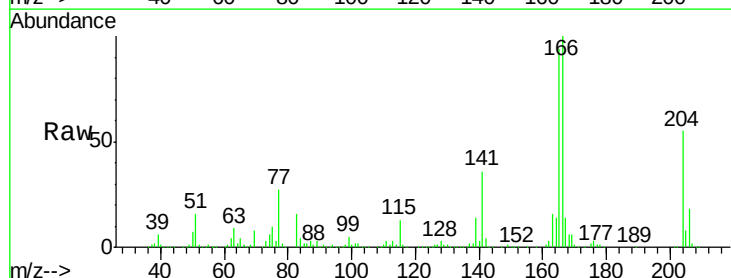
Manual Integrations
APPROVED

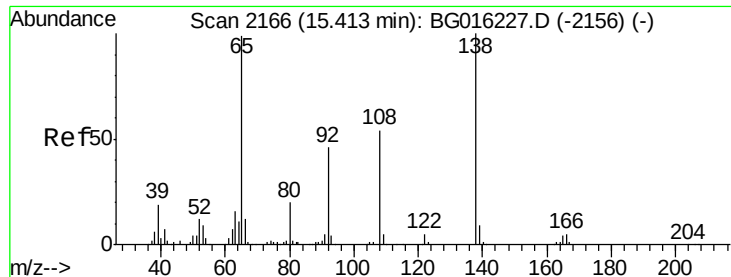
apatel
4/21/2015 5:05:45 PM



#60
4-Chlorophenyl-phenylether
Concen: 34.38 ng
RT: 15.34 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	234078		
206	33.2		27.6	41.4
141	65.2		55.4	83.2





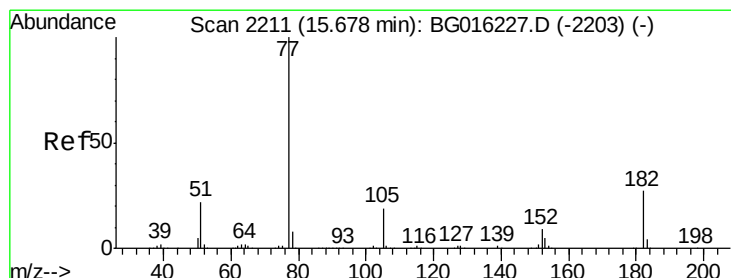
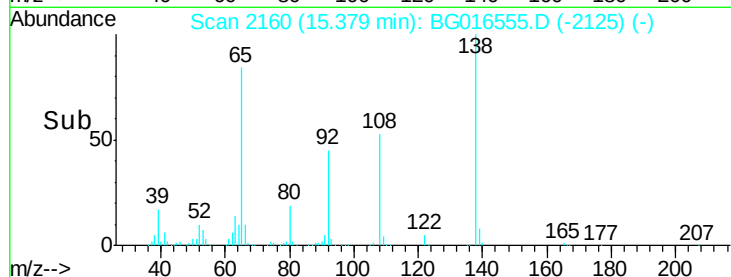
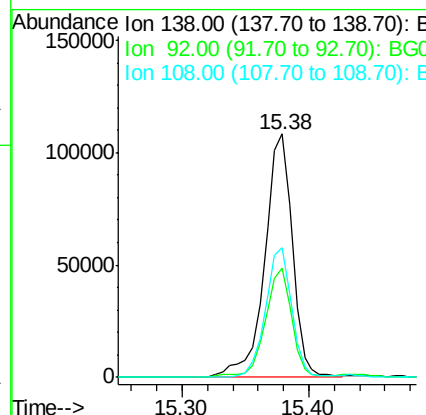
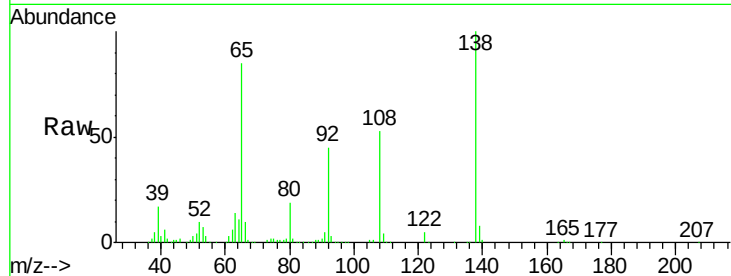
#61
4-Nitroaniline
Concen: 29.40 ng
RT: 15.38 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.0	26.3	66.3
108	53.2	33.6	73.6

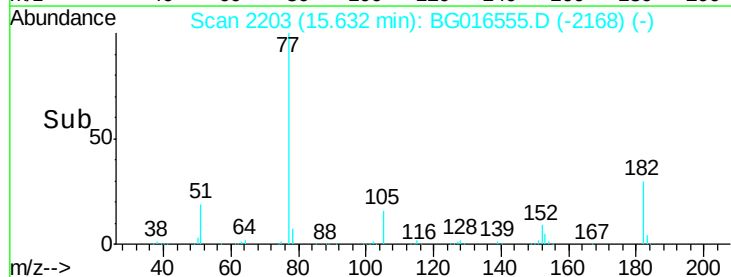
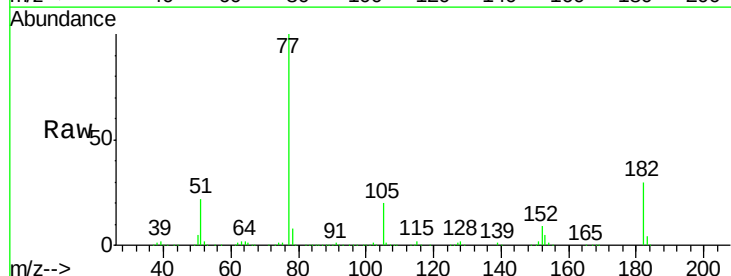
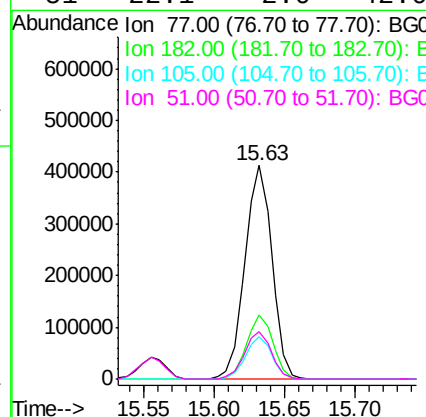
Manual Integrations
APPROVED

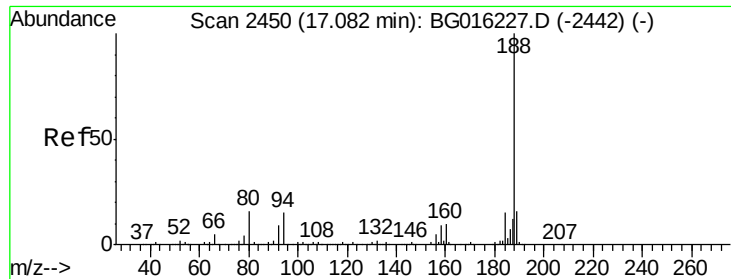
apatel
4/21/2015 5:05:45 PM



#62
Azobenzene
Concen: 30.31 ng
RT: 15.63 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.7	6.6	46.6
105	20.0	0.0	39.2
51	22.1	2.0	42.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.04 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

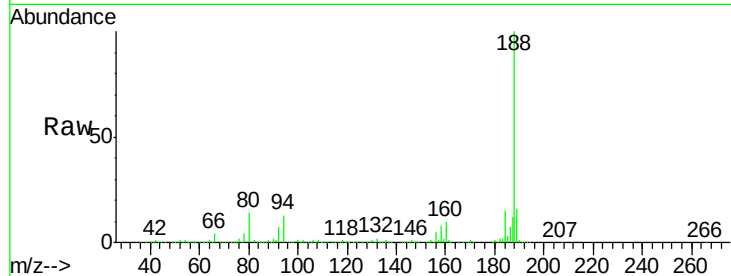
ClientSampleId :

P5-28(0-5)MSD

Tot Ion:	188	Resp:	432873
Ion Ratio	Lower	Upper	
188	100		
94	12.8	12.2	18.4
80	13.6	12.8	19.2

Manual Integrations
APPROVED

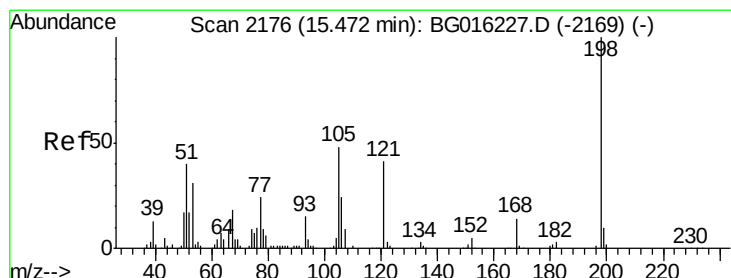
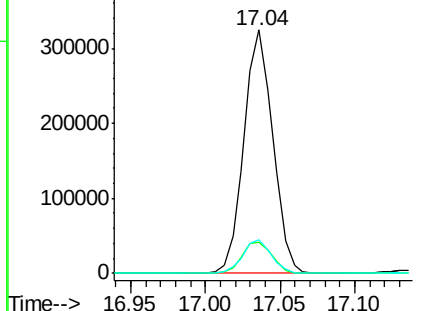
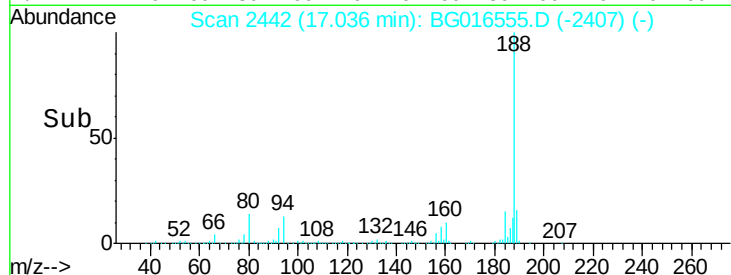
apatel
4/21/2015 5:05:45 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 31.32 ng

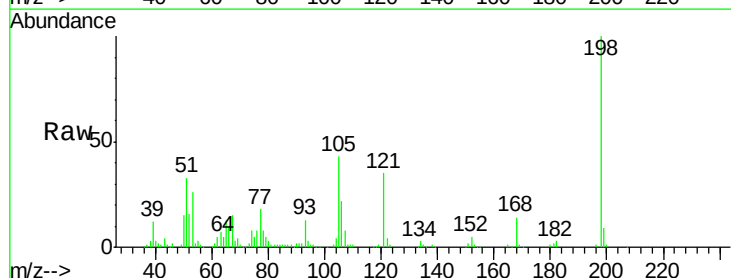
RT: 15.44 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

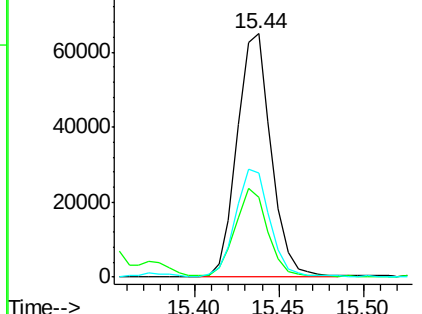
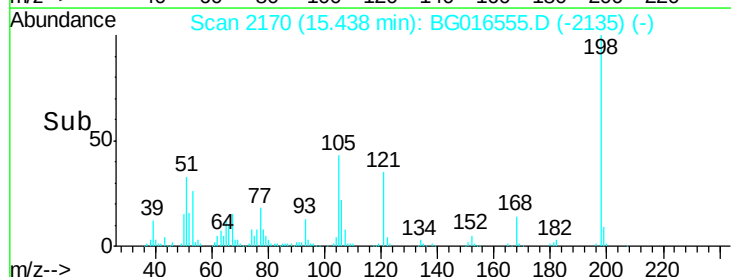
Tgt Ion:	198	Resp:	90963
Ion Ratio	Lower	Upper	
198	100		
51	33.0	20.7	60.7
105	42.5	28.8	68.8

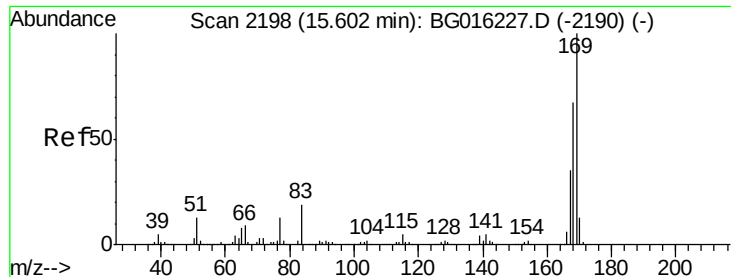


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 34.38 ng

RT: 15.56 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

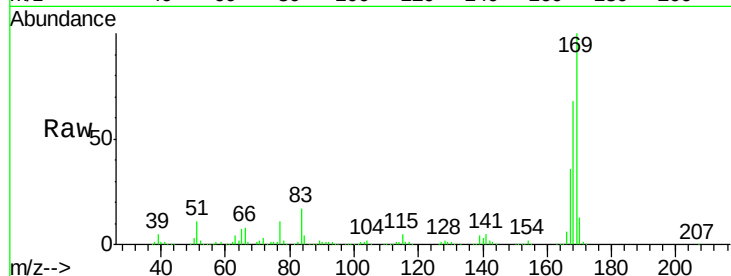
ClientSampleId :

P5-28(0-5)MSD

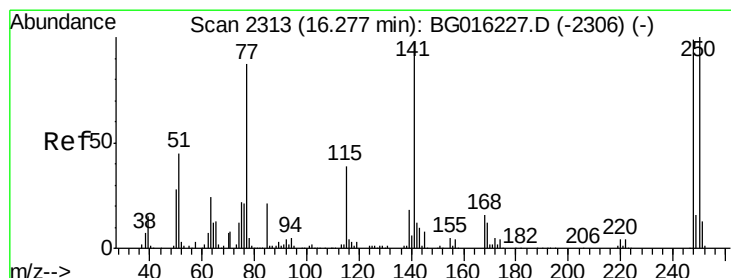
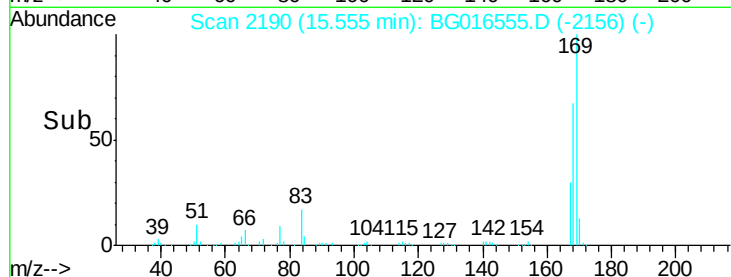
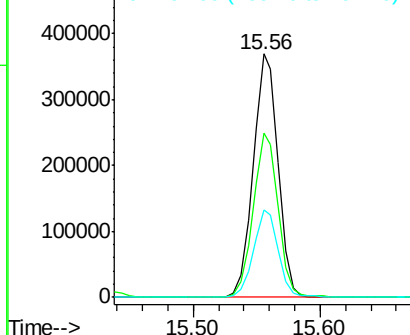
Tot Ion:	169	Resp:	503122
Ion Ratio	Lower	Upper	
169	100		
168	67.6	53.4	80.0
167	35.9	28.3	42.5

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 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: 35.66 ng

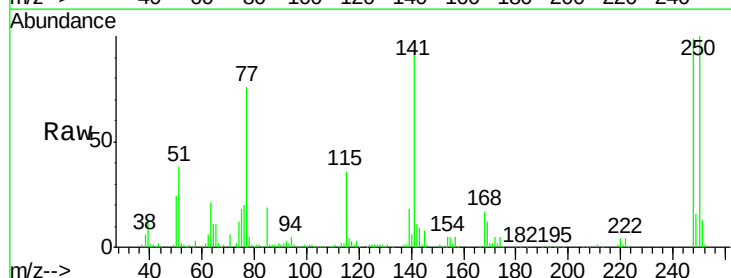
RT: 16.23 min Scan# 2305

Delta R.T. -0.00 min

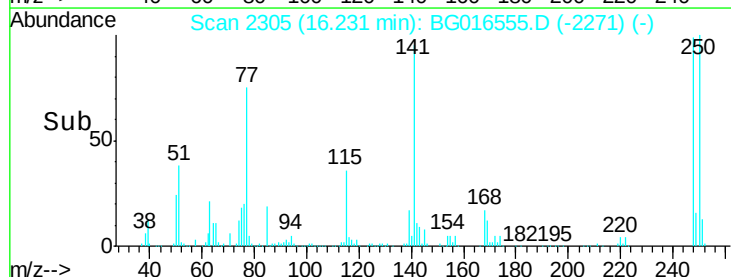
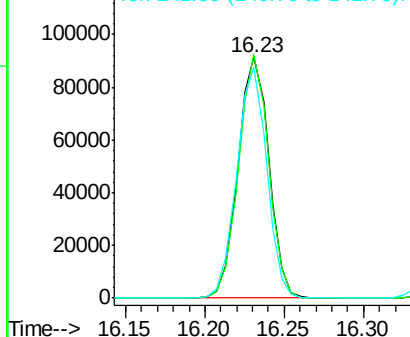
Lab File: BG016555.D

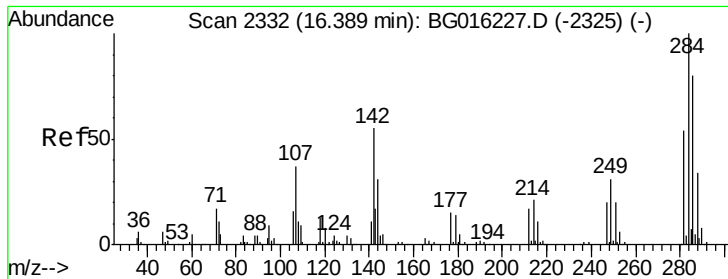
Acq: 20 Apr 2015 17:32

Tgt Ion:	248	Resp:	123252
Ion Ratio	Lower	Upper	
248	100		
250	101.2	80.5	120.7
141	96.1	78.2	117.4



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





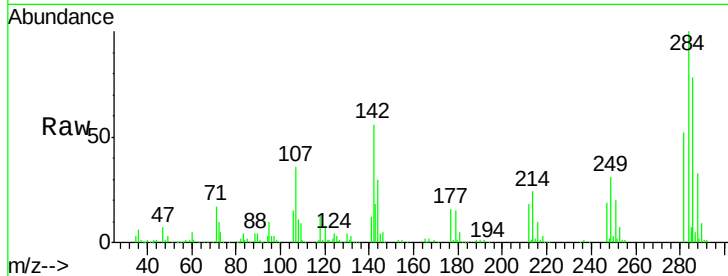
#67
Hexachlorobenzene
Concen: 34.33 ng
RT: 16.34 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

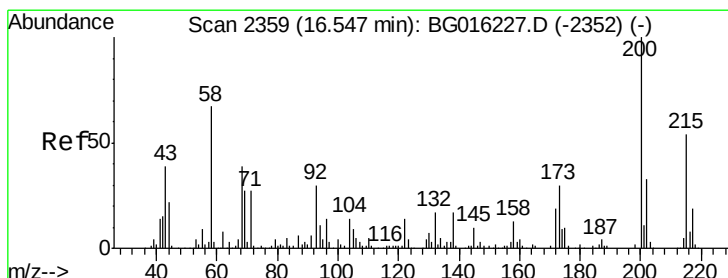
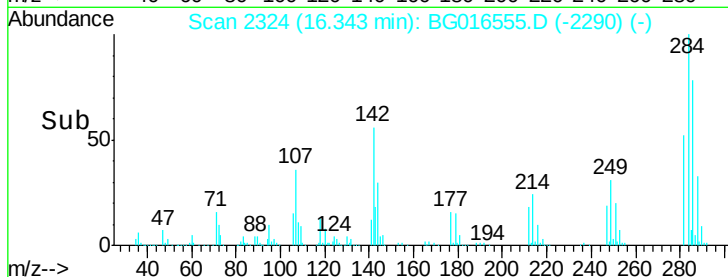
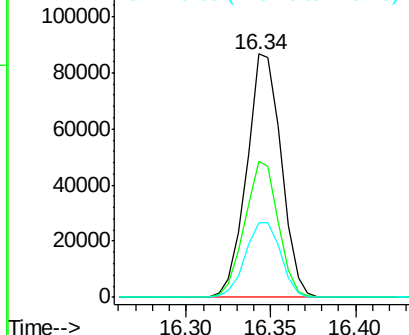
Tot Ion	Ratio	Resp	Lower	Upper
284	100	123322		
142	55.7	44.2	66.2	
249	30.9	24.8	37.2	

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM

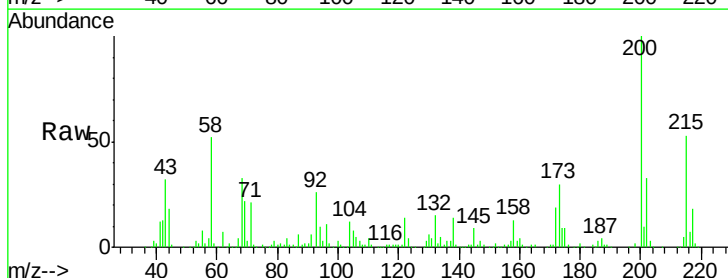


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

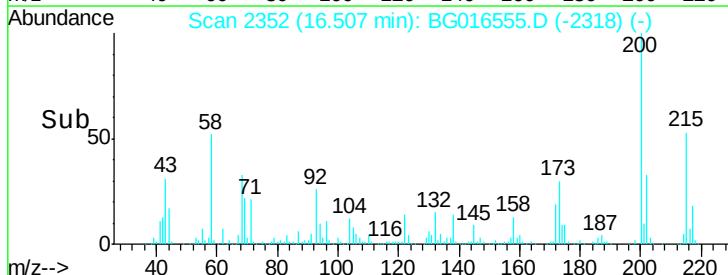
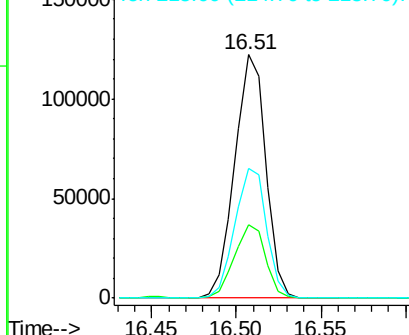


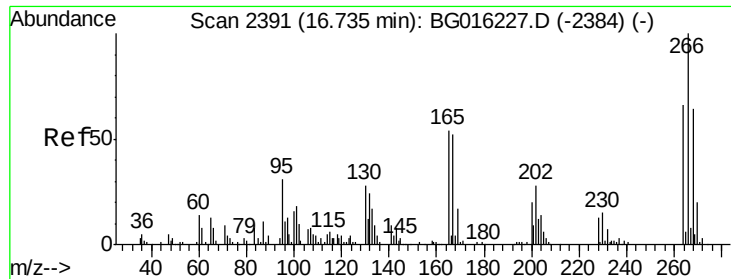
#68
Atrazine
Concen: 38.42 ng
RT: 16.51 min Scan# 2352
Delta R.T. -0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	156679		
173	29.9	10.2	50.2	
215	53.5	34.4	74.4	



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





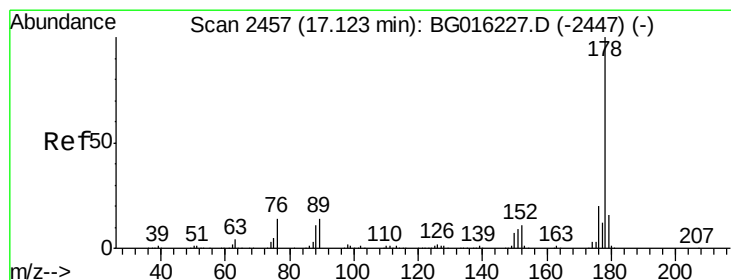
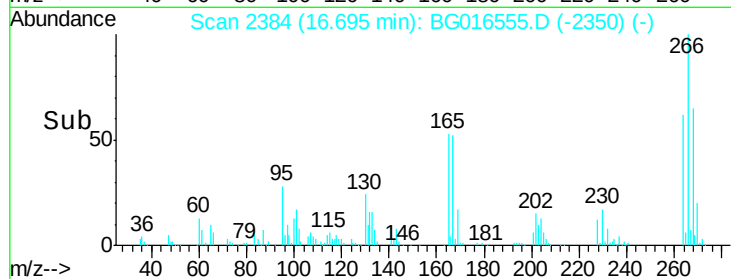
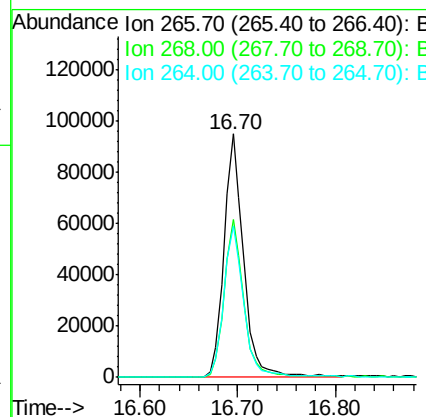
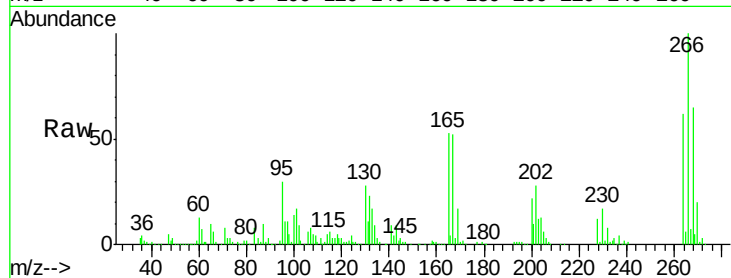
#69
 Pentachlorophenol
 Concen: 60.44 ng
 RT: 16.70 min Scan# 2384
 Delta R.T. -0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	132563		
268	64.9	50.9	76.3	
264	62.0	52.8	79.2	

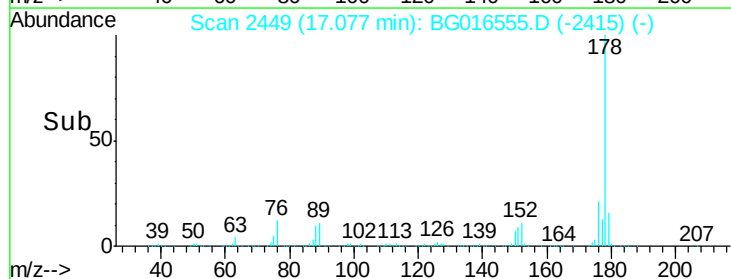
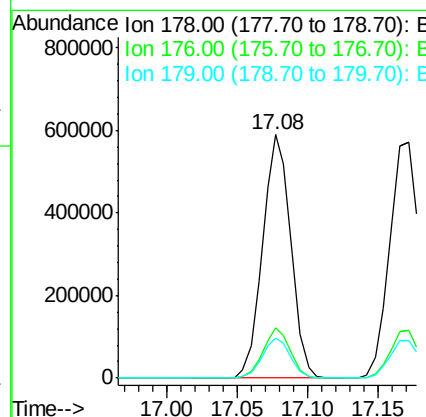
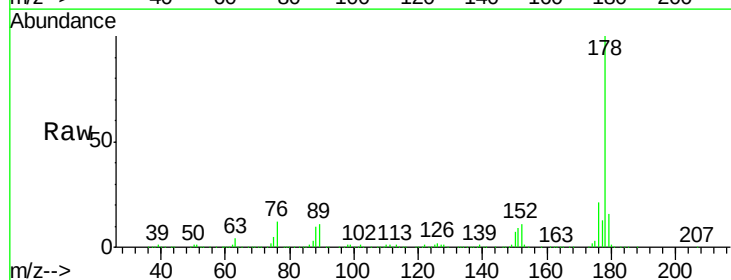
Manual Integrations
 APPROVED

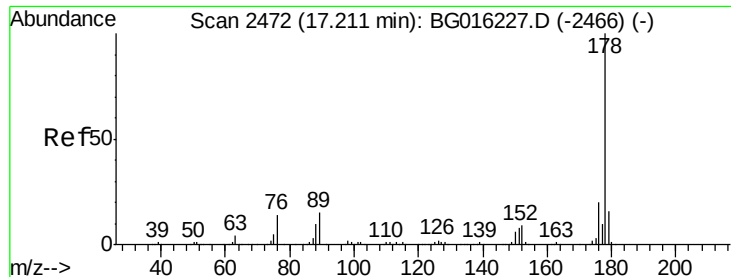
apatel
 4/21/2015 5:05:45 PM



#70
 Phenanthrene
 Concen: 34.00 ng
 RT: 17.08 min Scan# 2449
 Delta R.T. -0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	827858		
176	20.6	16.2	24.4	
179	16.4	12.7	19.1	





#71

Anthracene

Concen: 34.75 ng

RT: 17.17 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

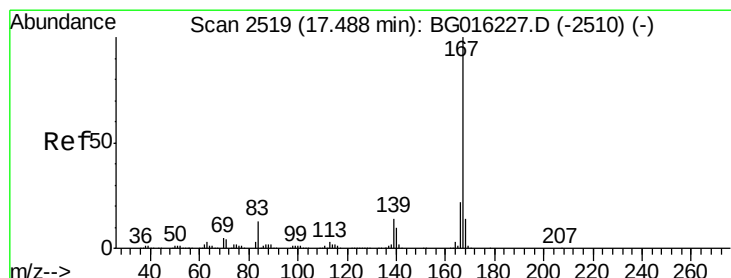
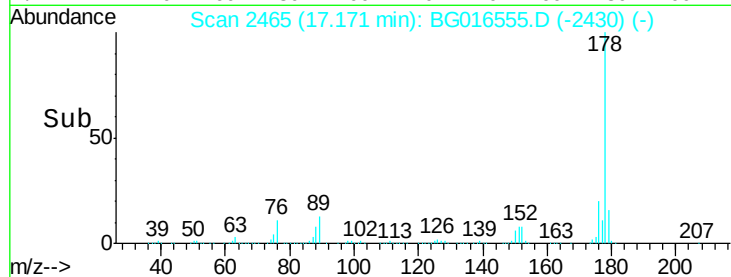
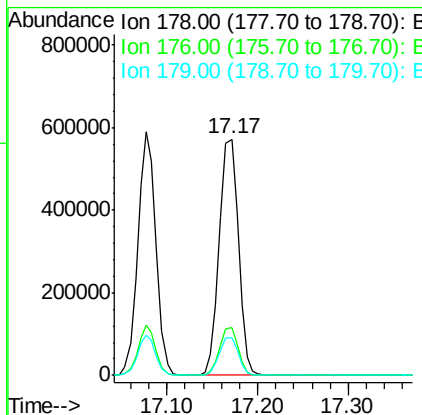
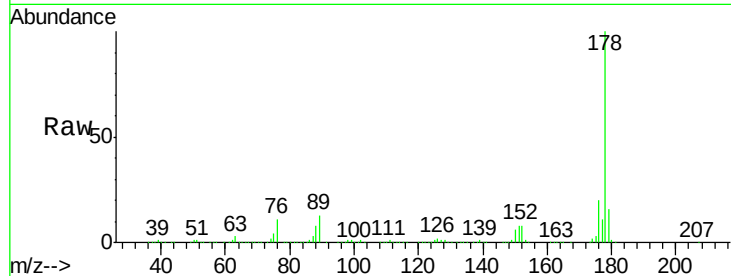
ClientSampleId :

P5-28(0-5)MSD

Tot Ion:	178	Resp:	838397
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.9	23.9
179	16.0	13.0	19.6

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM



#72

Carbazole

Concen: 35.12 ng

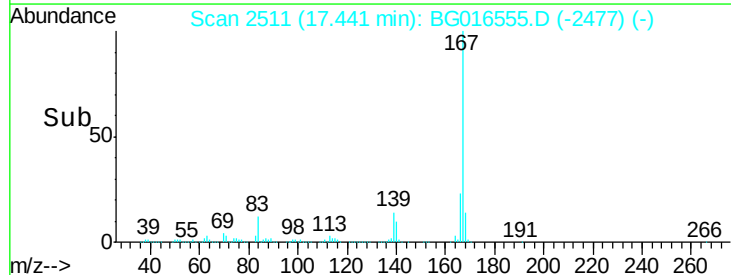
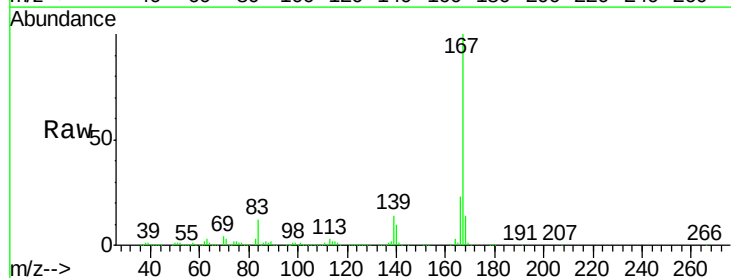
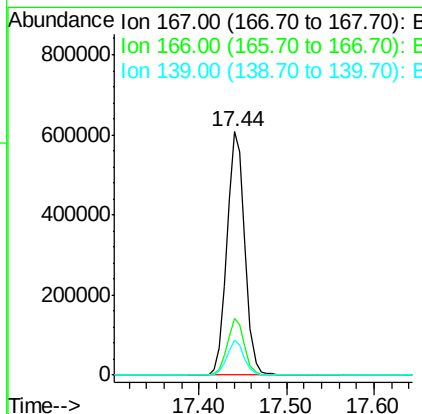
RT: 17.44 min Scan# 2511

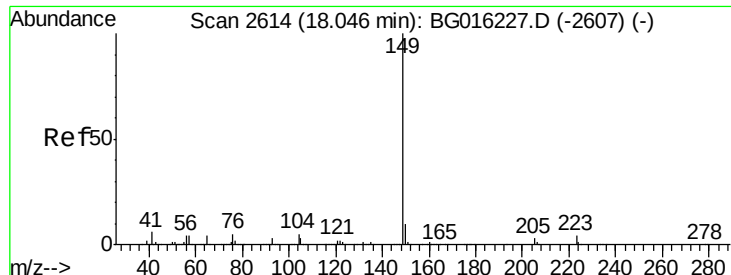
Delta R.T. -0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Tgt Ion:	167	Resp:	850393
Ion Ratio	Lower	Upper	
167	100		
166	23.2	17.9	26.9
139	14.2	11.5	17.3





#73

Di-n-butylphthalate

Concen: 34.11 ng

RT: 18.00 min Scan# 2606

Delta R.T. -0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

Tot Ion:149 Resp: 1010656

Ion Ratio Lower Upper

149 100

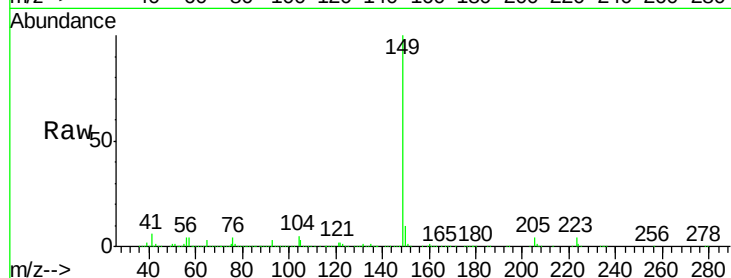
150 10.3 8.2 12.4

104 4.6 4.0 6.0

Manual Integrations
APPROVED

apatel

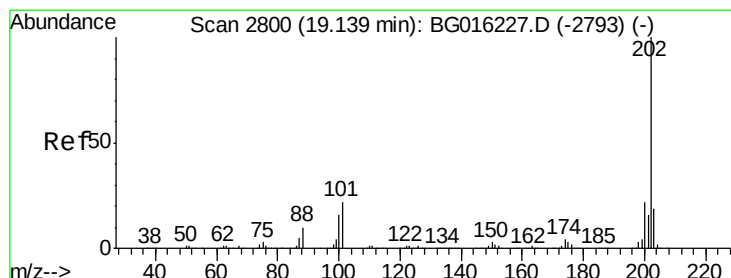
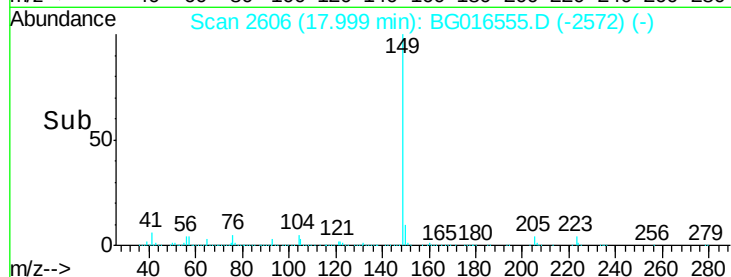
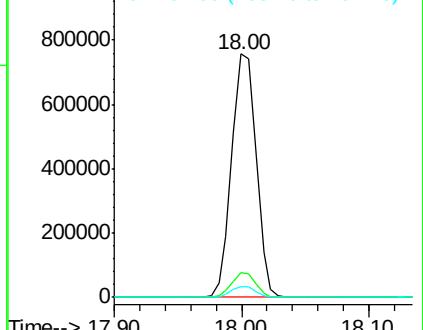
4/21/2015 5:05:45 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.88 ng

RT: 19.09 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

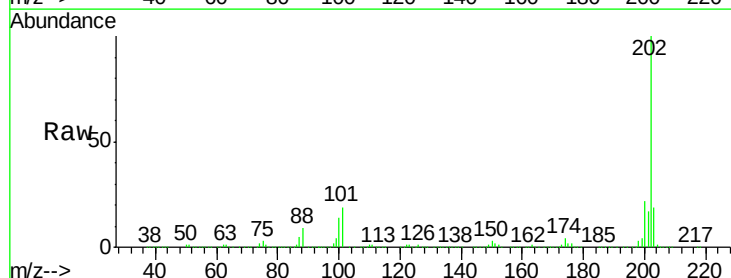
Tgt Ion:202 Resp: 850317

Ion Ratio Lower Upper

202 100

101 19.0 1.7 41.7

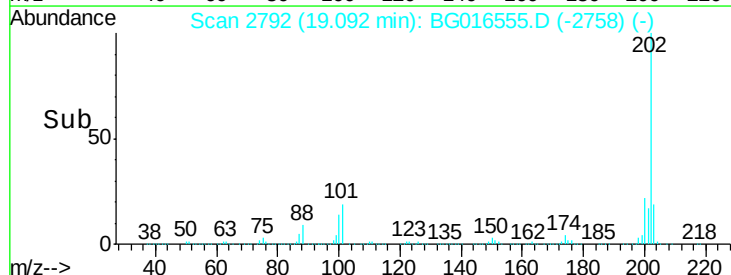
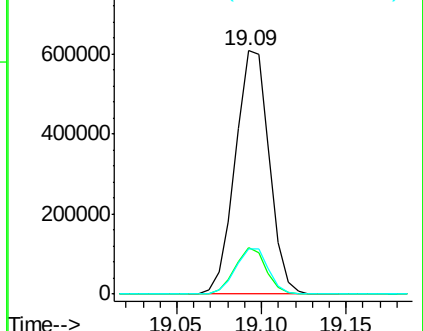
203 18.6 0.0 38.7

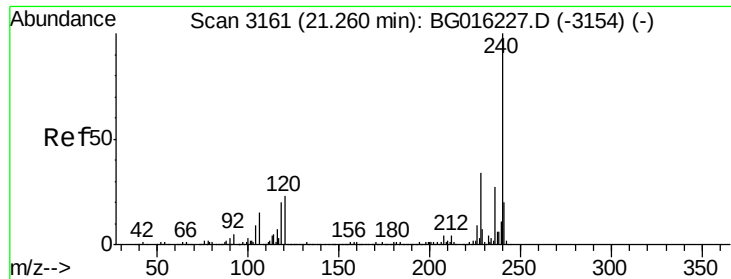


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.21 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

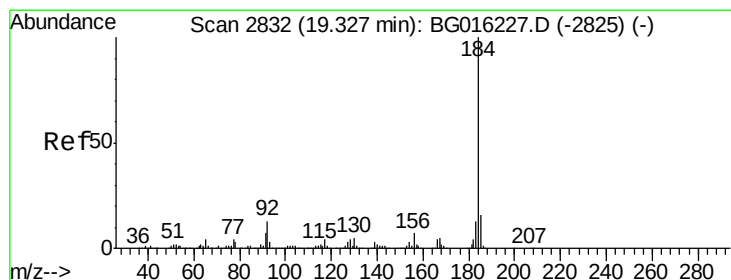
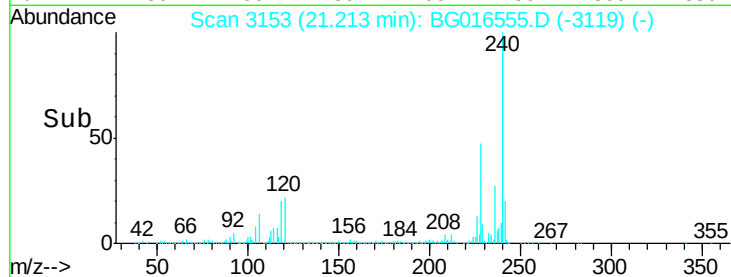
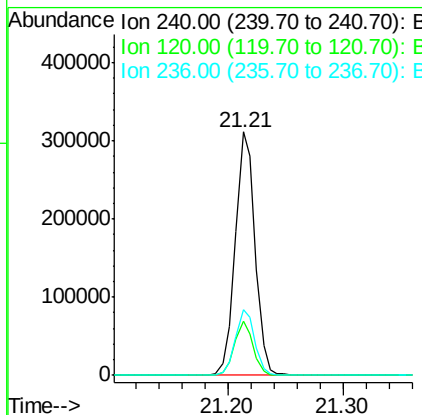
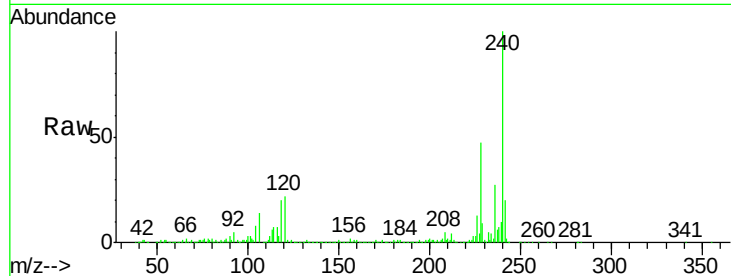
ClientSampleId :

P5-28(0-5)MSD

Tot Ion:	240	Resp:	367999
Ion Ratio	Lower	Upper	
240	100		
120	22.4	18.6	28.0
236	26.8	21.7	32.5

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM



#76

Benzidine

Concen: 17.59 ng

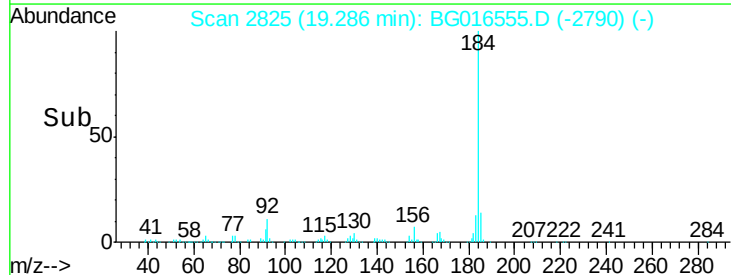
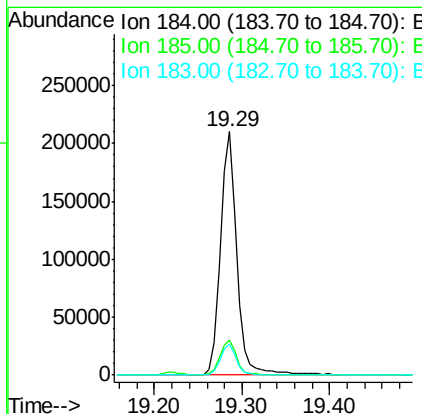
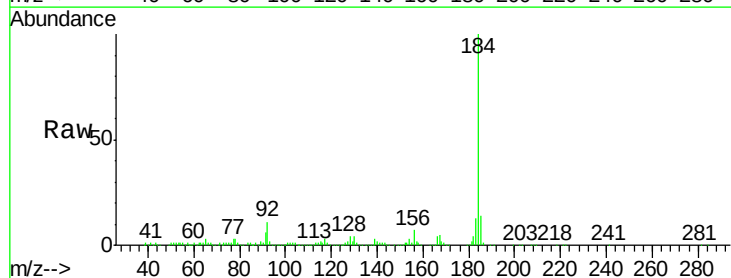
RT: 19.29 min Scan# 2825

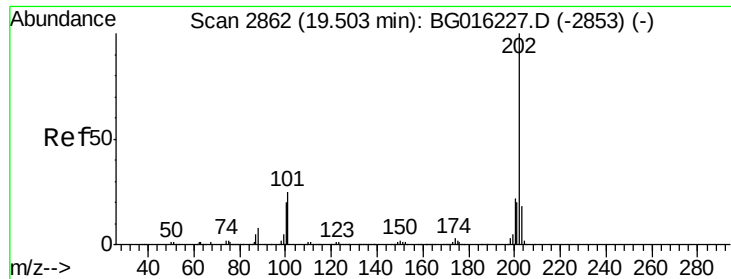
Delta R.T. 0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Tgt Ion:	184	Resp:	274548
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	19.0
183	12.6	10.4	15.6





#77

Pvrene

Concen: 34.17 ng

RT: 19.46 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

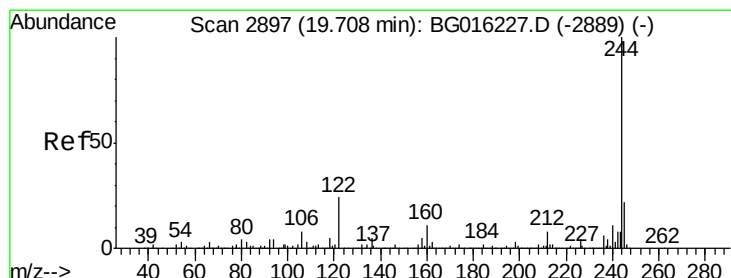
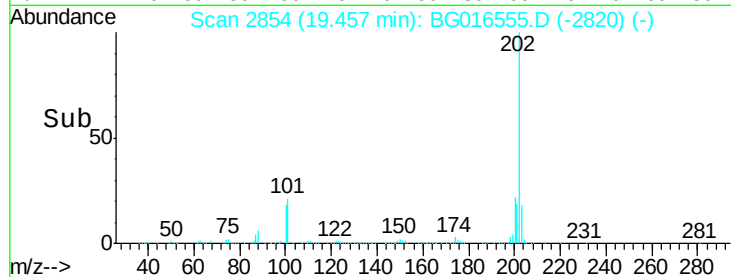
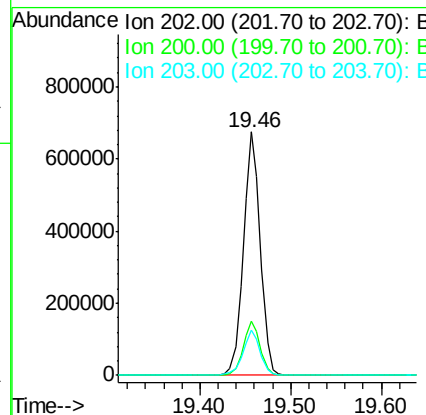
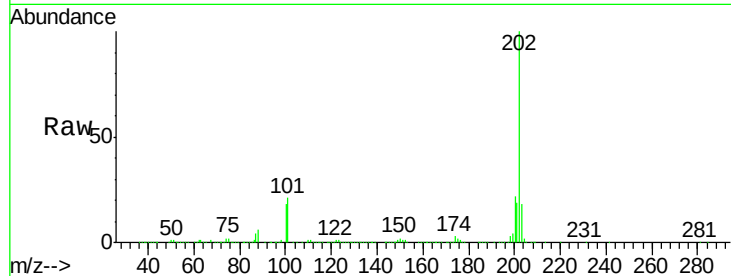
ClientSampleId :

P5-28(0-5)MSD

Tot Ion:	202	Resp:	875611
Ion Ratio		Lower	Upper
202	100		
200	22.4	17.8	26.8
203	18.4	14.7	22.1

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM



#78

Terphenyl-d14

Concen: 65.08 ng

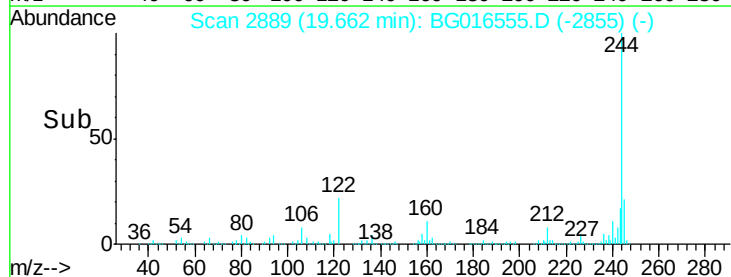
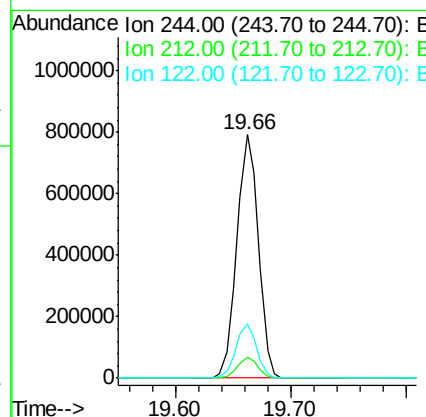
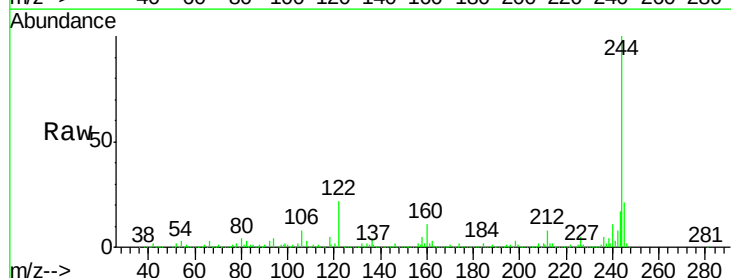
RT: 19.66 min Scan# 2889

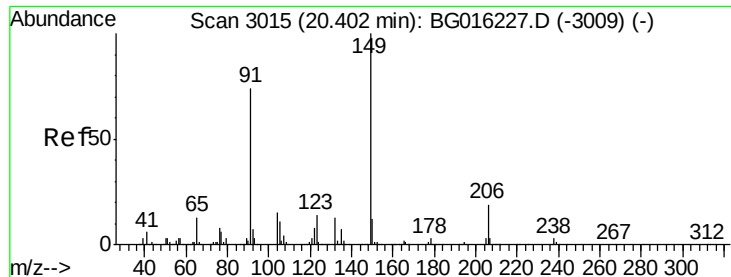
Delta R.T. -0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Tgt Ion:	244	Resp:	1023292
Ion Ratio		Lower	Upper
244	100		
212	8.4	6.6	9.8
122	22.2	19.1	28.7





#79

Butylbenzylphthalate

Concen: 37.10 ng

RT: 20.36 min Scan# 3007

Delta R.T. -0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

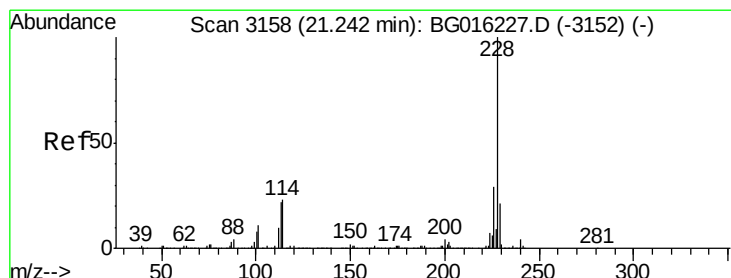
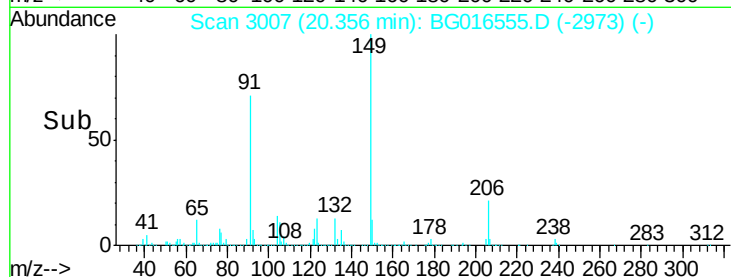
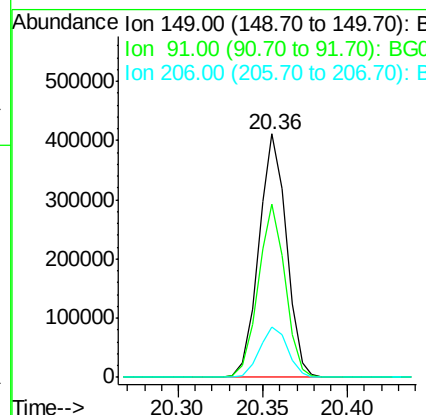
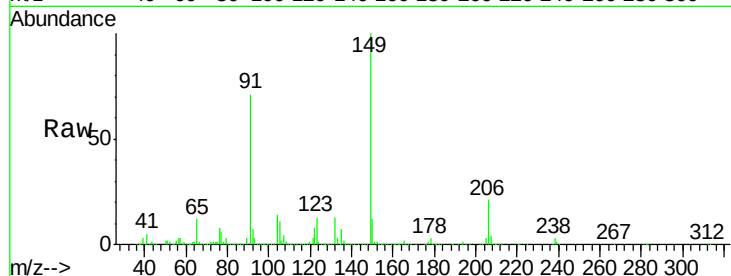
ClientSampleId :

P5-28(0-5)MSD

Tot Ion:	149	Resp:	467017
Ion Ratio	Lower	Upper	
149	100		
91	71.2	59.4	89.2
206	20.8	15.6	23.4

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM



#80

Benzo(a)anthracene

Concen: 34.92 ng

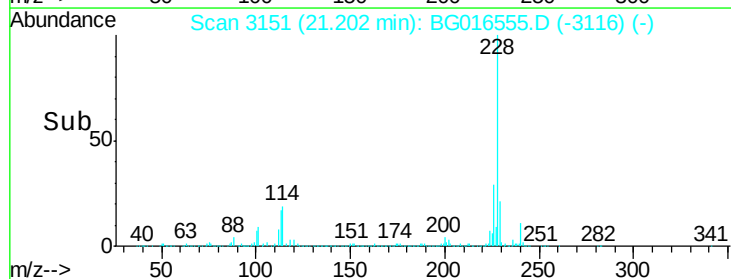
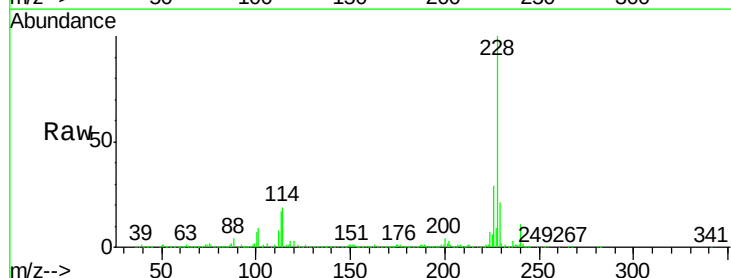
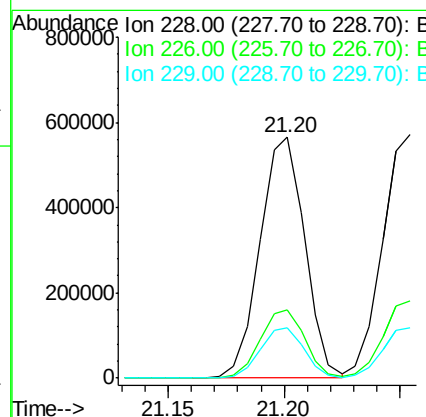
RT: 21.20 min Scan# 3151

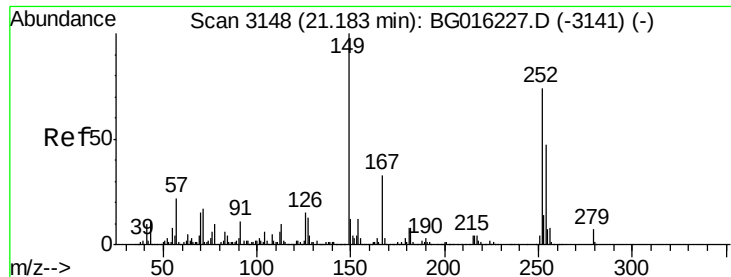
Delta R.T. 0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Tgt Ion:	228	Resp:	759421
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.5	35.3
229	20.9	16.8	25.2





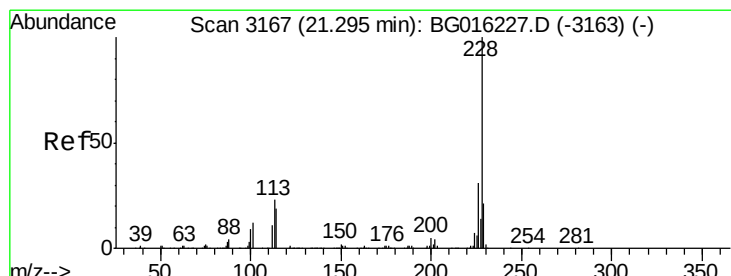
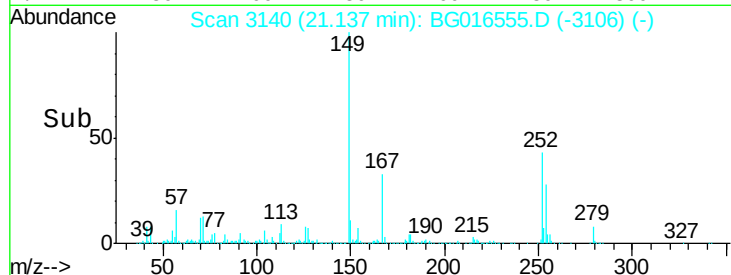
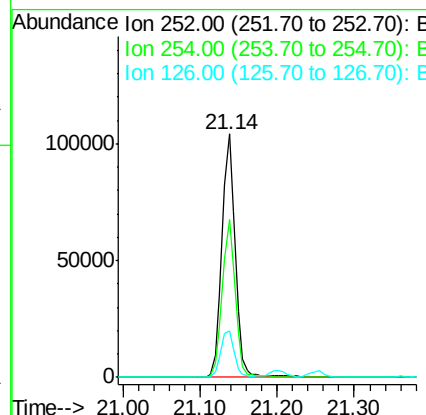
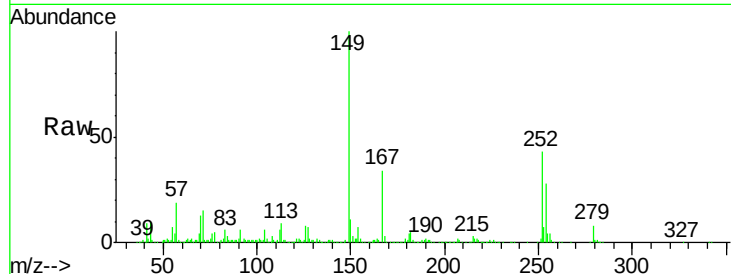
#81
 3,3'-Dichlorobenzidine
 Concen: 17.42 ng
 RT: 21.14 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	124607		
254	64.9	50.8	76.2	
126	18.8	16.0	24.0	

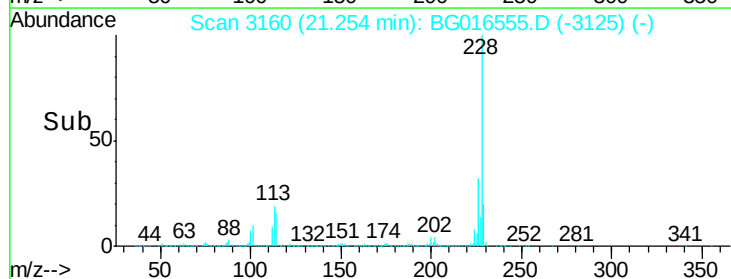
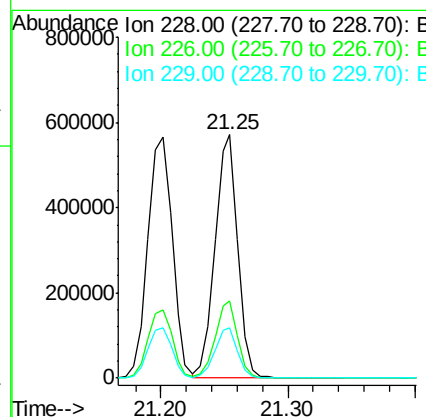
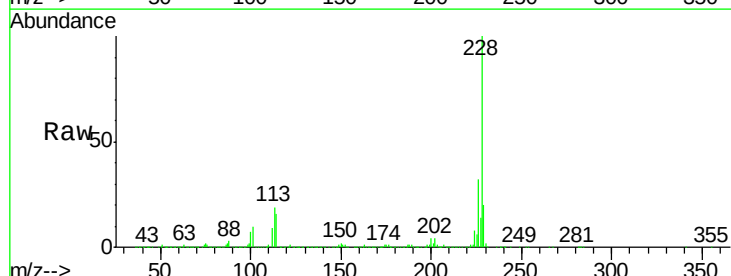
Manual Integrations
 APPROVED

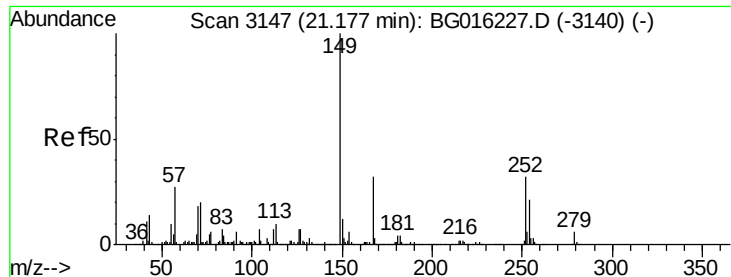
apatel
 4/21/2015 5:05:45 PM



#82
 Chrysene
 Concen: 34.03 ng
 RT: 21.25 min Scan# 3160
 Delta R.T. 0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	714463		
226	31.8	25.0	37.4	
229	20.4	17.0	25.4	





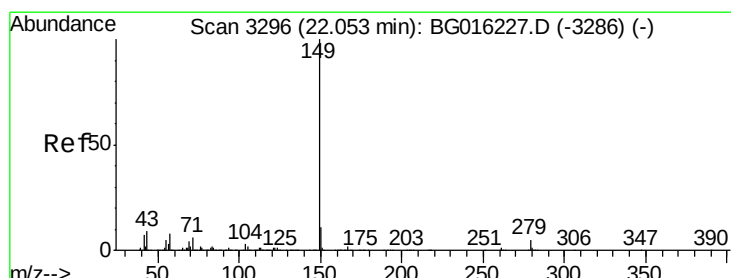
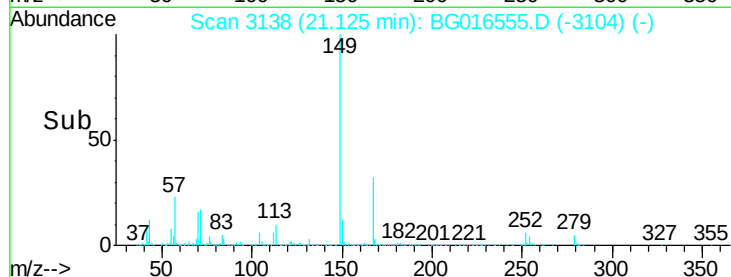
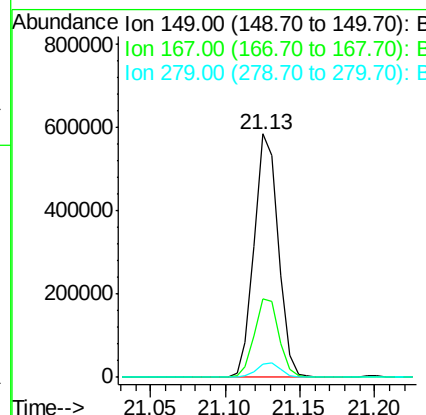
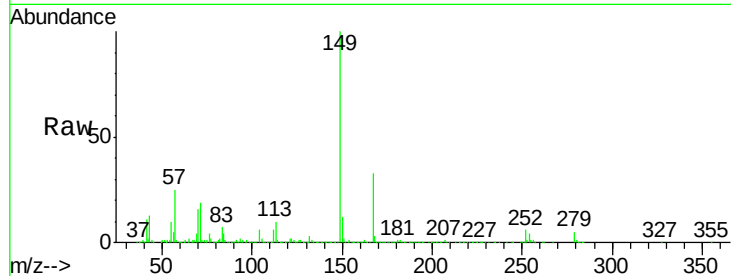
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.98 ng
 RT: 21.13 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	32.5	25.8	38.6
279	5.4	4.7	7.1

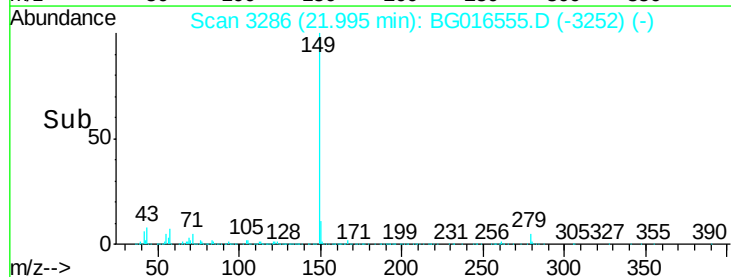
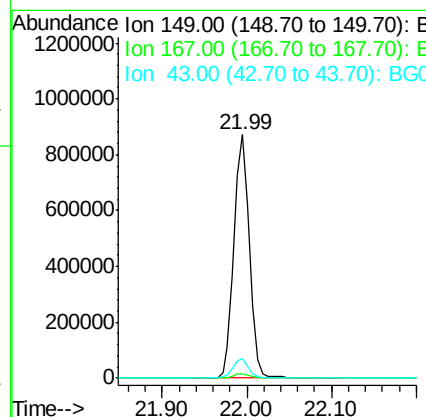
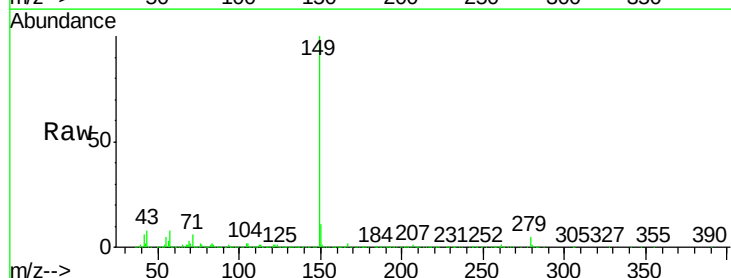
Manual Integrations
 APPROVED

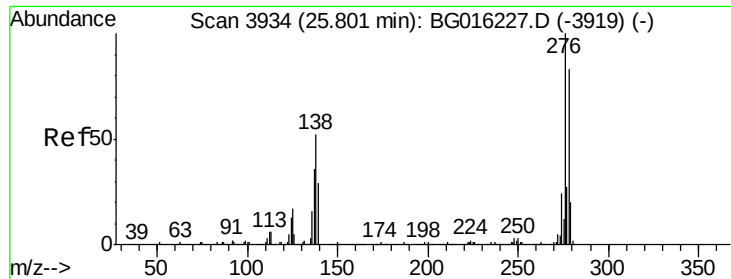
apatel
 4/21/2015 5:05:45 PM



#84
 Di-n-octyl phthalate
 Concen: 39.13 ng
 RT: 21.99 min Scan# 3286
 Delta R.T. -0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.8	7.0	10.4





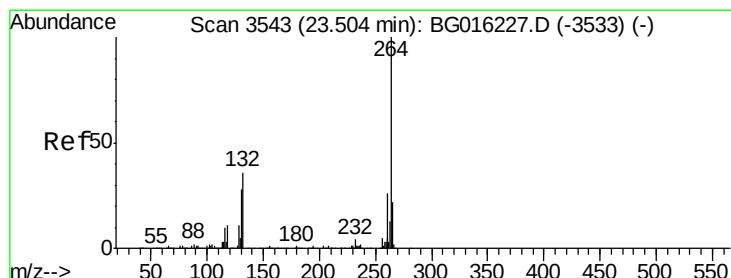
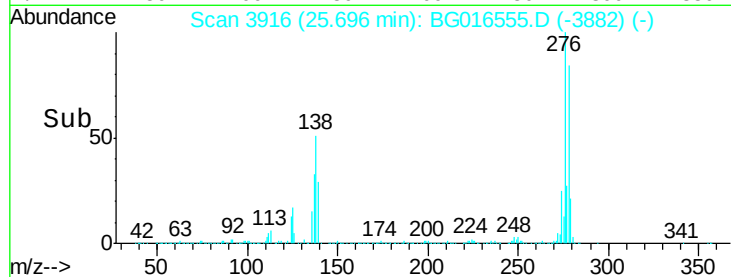
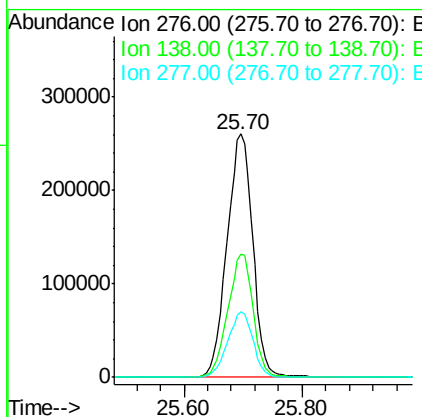
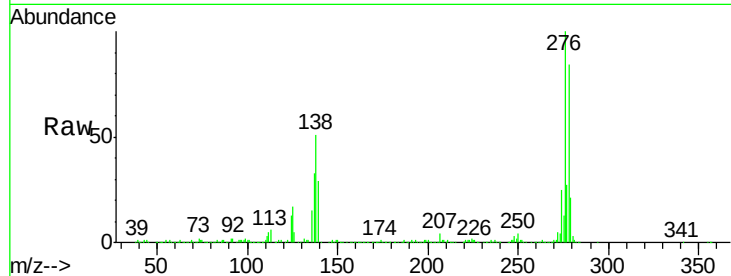
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.43 ng
 RT: 25.70 min Scan# 3916
 Delta R.T. -0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

Tot Ion:	276	Resp:	794684
Ion Ratio	Lower	Upper	
276	100		
138	49.6	41.5	62.3
277	26.5	21.0	31.6

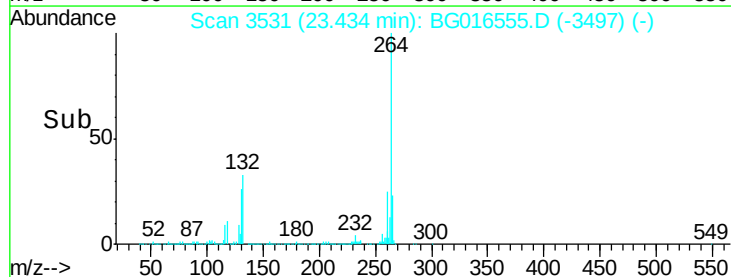
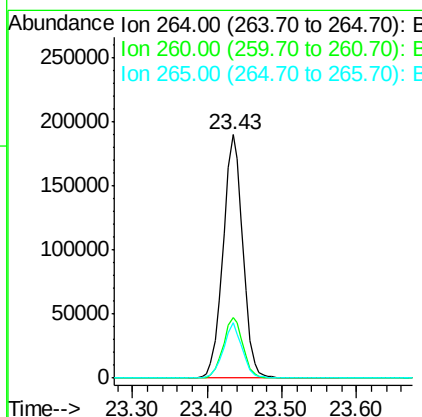
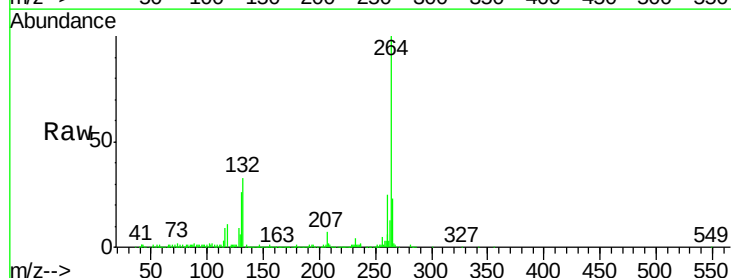
Manual Integrations
 APPROVED

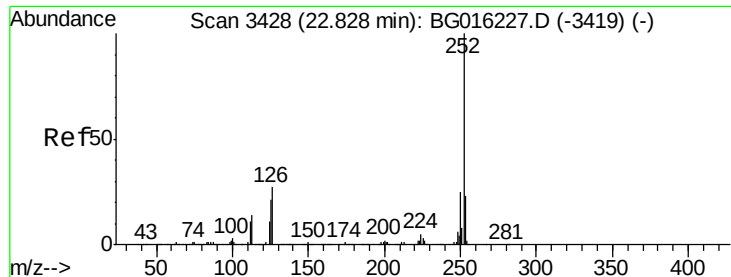
apatel
 4/21/2015 5:05:45 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.43 min Scan# 3531
 Delta R.T. -0.00 min
 Lab File: BG016555.D
 Acq: 20 Apr 2015 17:32

Tgt Ion:	264	Resp:	350792
Ion Ratio	Lower	Upper	
264	100		
260	24.6	20.4	30.6
265	22.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 35.07 ng

RT: 22.76 min Scan# 3417

Delta R.T. -0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Instrument :

BNA_G

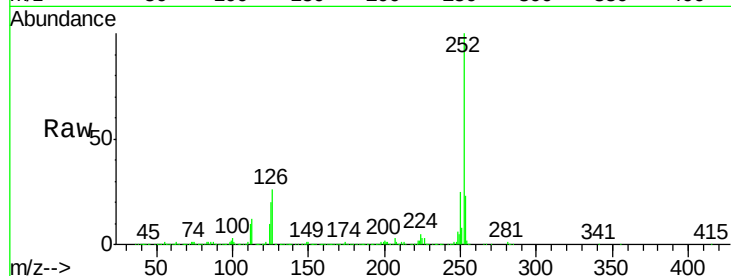
ClientSampleId :

P5-28(0-5)MSD

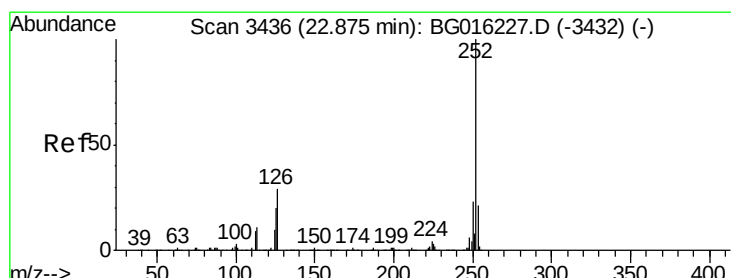
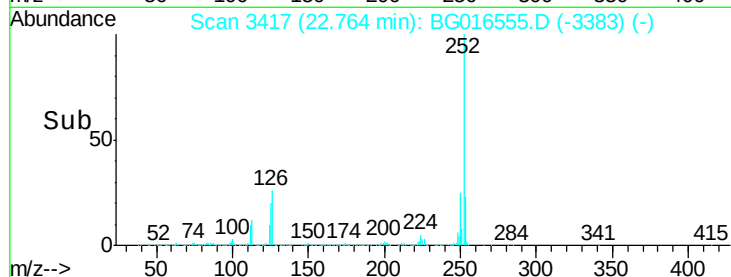
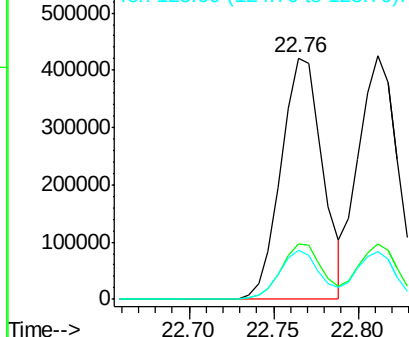
Tot Ion:	252	Resp:	720438
Ion Ratio		Lower	Upper
252	100		
253	23.1	18.5	27.7
125	20.2	17.0	25.6

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 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: 34.34 ng

RT: 22.81 min Scan# 3425

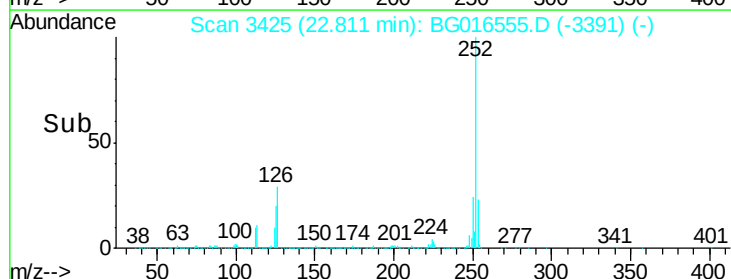
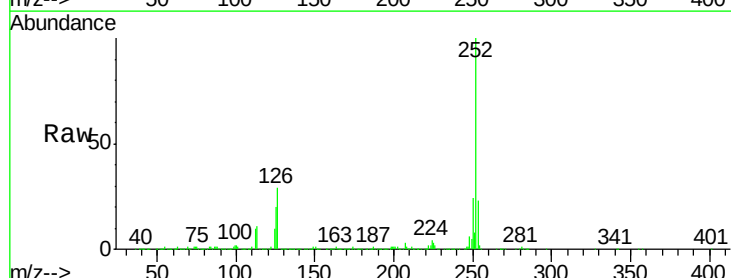
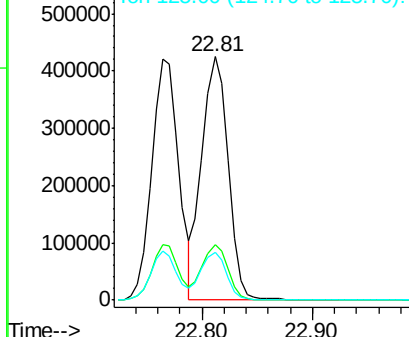
Delta R.T. -0.00 min

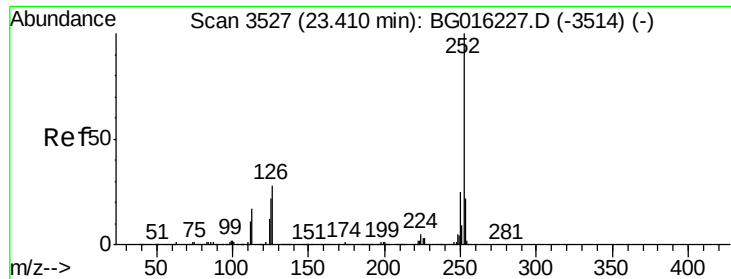
Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Tgt Ion:	252	Resp:	690424
Ion Ratio		Lower	Upper
252	100		
253	22.9	17.5	26.3
125	19.8	16.3	24.5

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





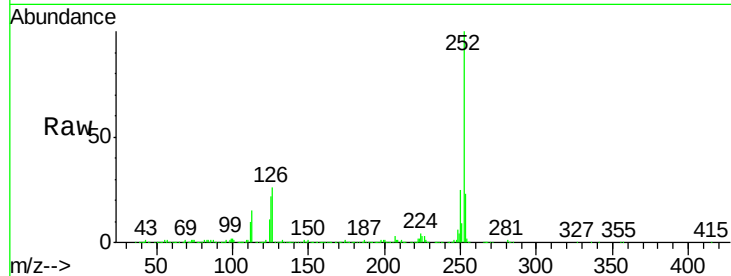
#89
Benzo(a)pyrene
Concen: 36.20 ng
RT: 23.34 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

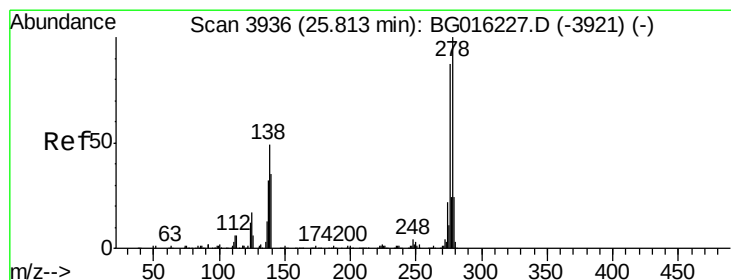
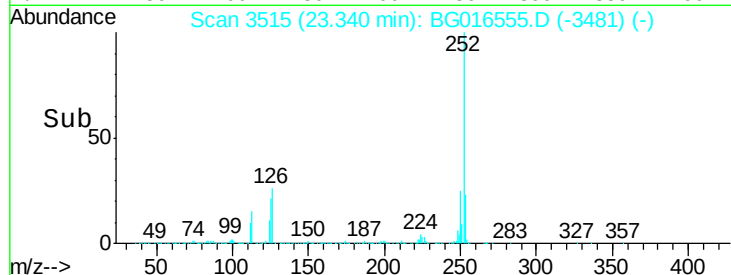
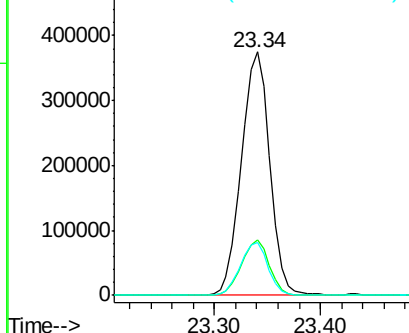
Tot Ion:	252	Resp:	697054
Ion Ratio		Lower	Upper
252	100		
253	22.9	17.6	26.4
125	21.6	17.6	26.4

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM

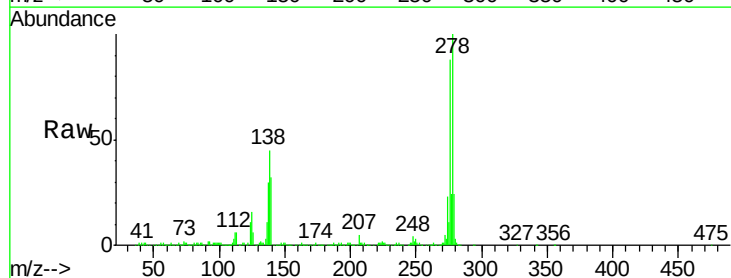


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

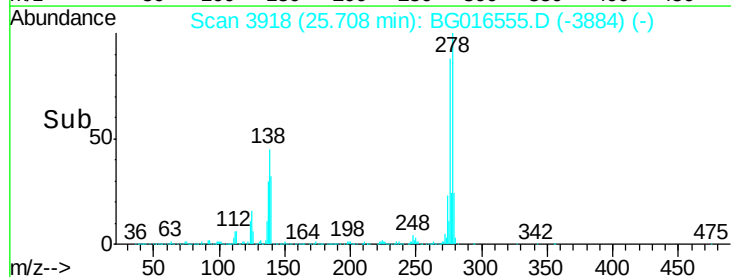
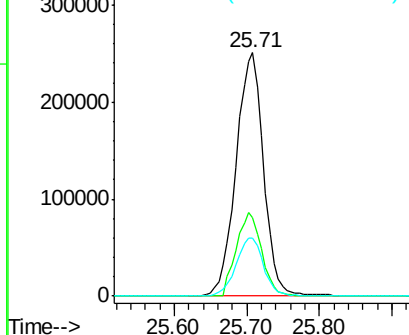


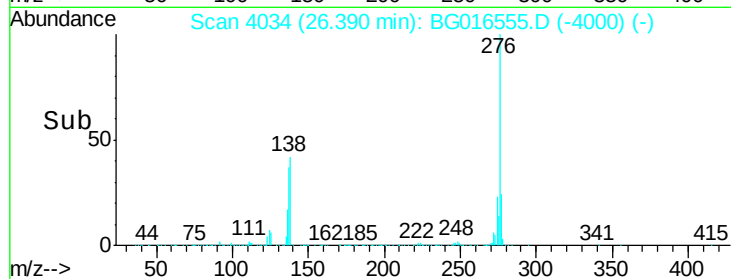
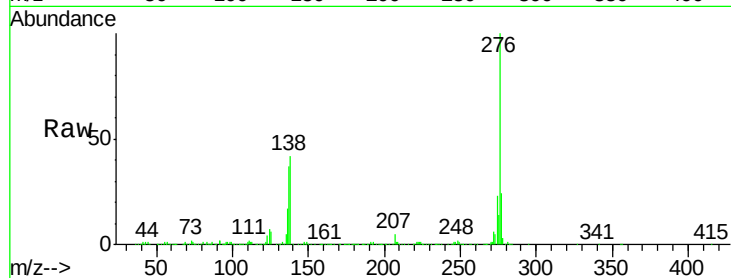
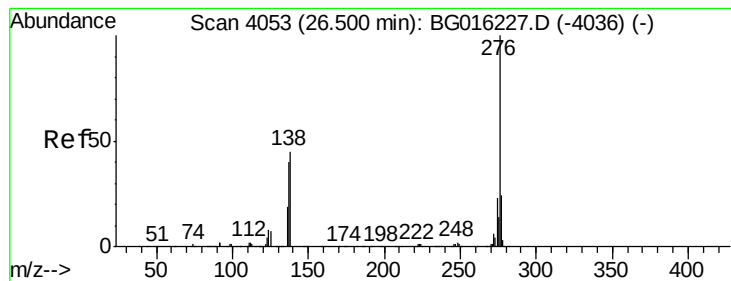
#90
Dibenzo(a,h)anthracene
Concen: 35.23 ng
RT: 25.71 min Scan# 3918
Delta R.T. -0.00 min
Lab File: BG016555.D
Acq: 20 Apr 2015 17:32

Tgt Ion:	278	Resp:	660067
Ion Ratio		Lower	Upper
278	100		
139	32.3	27.9	41.9
279	24.0	19.5	29.3



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(a,h,i)perylene

Concen: 36.17 ng

RT: 26.39 min Scan# 4034

Delta R.T. -0.00 min

Lab File: BG016555.D

Acq: 20 Apr 2015 17:32

Tot Ion:	276	Resp:	676957
Ion Ratio		Lower	Upper
276	100		
277	23.9	19.5	29.3
138	42.0	35.7	53.5

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

Manual Integrations
APPROVED

apatel
4/21/2015 5:05:45 PM

