

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
 Data File : BG016646.D
 Acq On : 23 Apr 2015 8:59
 Operator : TP/IZ
 Sample : G1949-08MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-07MSD

Manual Integrations
 APPROVED

apatel
 4/23/2015 4:41:17 PM

Quant Time: Apr 23 15:56:28 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	42599	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	198583	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	126533	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	295997	20.00	ng	0.00
75) Chrysene-d12	21.21	240	270289	20.00	ng	0.00
86) Perylene-d12	23.43	264	243533	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	393765	148.15	ng	0.00
7) Phenol-d6	6.84	99	534704	143.99	ng	0.01
23) Nitrobenzene-d5	8.80	82	300377	93.14	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	154876	180.22	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	712067	93.20	ng	0.00
78) Terphenyl-d14	19.66	244	1011965	90.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.11	88	42215	35.32	ng	# 93
3) Pyridine	3.52	79	70734	21.39	ng	97
4) n-Nitrosodimethylamine	3.43	42	38533	38.93	ng	97
6) Aniline	6.97	93	42775	8.34	ng	96
8) 2-Chlorophenol	7.21	128	166198	52.38	ng	99
9) Benzaldehyde	6.78	77	9594	5.68	ng	99
10) Phenol	6.86	94	191678	48.80	ng	99
11) bis(2-Chloroethyl)ether	7.07	93	137976	44.87	ng	99
12) 1,3-Dichlorobenzene	7.52	146	135871	41.01	ng	99
13) 1,4-Dichlorobenzene	7.67	146	141522	41.97	ng	99
14) 1,2-Dichlorobenzene	7.98	146	140469	43.78	ng	98
15) Benzyl Alcohol	7.89	79	124350	52.62	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.17	45	133480	44.82	ng	98
17) 2-Methylphenol	8.10	107	137581	51.97	ng	98
18) Hexachloroethane	8.70	117	48333	39.92	ng	95
19) n-Nitroso-di-n-propylamine	8.44	70	106178	44.23	ng	96
20) 3+4-Methylphenols	8.43	107	192861	52.90	ng	97
22) Acetophenone	8.46	105	213614	48.29	ng	# 98
24) Nitrobenzene	8.84	77	156105	46.51	ng	97
25) Isophorone	9.36	82	309162	46.82	ng	99
26) 2-Nitrophenol	9.54	139	95179	51.36	ng	99
27) 2,4-Dimethylphenol	9.62	122	171327	54.36	ng	97
28) bis(2-Chloroethoxy)methane	9.84	93	184168	46.52	ng	98
29) 2,4-Dichlorophenol	10.09	162	158606	60.87	ng	99
30) 1,2,4-Trichlorobenzene	10.28	180	130009	46.93	ng	100
31) Naphthalene	10.47	128	493493	47.60	ng	99
32) Benzoic acid	9.77	122	60313	51.11	ng	96
33) 4-Chloroaniline	10.60	127	11961	2.52	ng	99
34) Hexachlorobutadiene	10.75	225	53313	43.30	ng	98
35) Caprolactam	11.38	113	63412m	42.03	ng	
36) 4-Chloro-3-methylphenol	11.75	107	188084	59.77	ng	98
37) 2-Methylnaphthalene	12.09	142	368895	49.71	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.46	216	129249	44.40	ng	99
40) Hexachlorocyclopentadiene	12.43	237	70987	63.47	ng	97

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
 Data File : BG016646.D
 Acq On : 23 Apr 2015 8:59
 Operator : TP/IZ
 Sample : G1949-08MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-07MSD

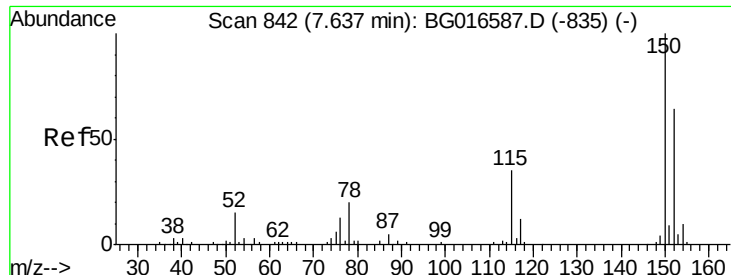
Manual Integrations
 APPROVED

apatel
 4/23/2015 4:41:17 PM

Quant Time: Apr 23 15:56:28 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.72	196	115134	55.86	nq	97
43) 2,4,5-Trichlorophenol	12.80	196	130655	59.45	nq	96
45) 1,1'-Biphenyl	13.11	154	463428	47.56	nq	98
46) 2-Chloronaphthalene	13.15	162	354013	47.44	nq	99
47) 2-Nitroaniline	13.37	65	115040	52.85	nq	91
48) Acenaphthylene	14.00	152	632798	47.76	nq	99
49) Dimethylphthalate	13.75	163	462931	49.48	nq	99
50) 2,6-Dinitrotoluene	13.87	165	119621	52.06	nq	95
51) Acenaphthene	14.34	154	385514	48.77	nq	99
52) 3-Nitroaniline	14.20	138	48488	17.09	nq	98
53) 2,4-Dinitrophenol	14.42	184	52181	52.21	nq	93
54) Dibenzofuran	14.68	168	570425	51.25	nq	99
55) 4-Nitrophenol	14.55	139	209416	97.50	nq	98
56) 2,4-Dinitrotoluene	14.66	165	177073	56.00	nq	96
57) Fluorene	15.33	166	507338	51.73	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.92	232	99533	60.02	nq	99
59) Diethylphthalate	15.11	149	491835	49.34	nq	99
60) 4-Chlorophenyl-phenylether	15.33	204	205352	51.00	nq	98
61) 4-Nitroaniline	15.37	138	162283	49.91	nq	98
62) Azobenzene	15.62	77	478936	51.77	nq	99
64) 4,6-Dinitro-2-methylphenol	15.43	198	55531	29.04	nq	95
65) n-Nitrosodiphenylamine	15.55	169	467069	47.07	nq	100
66) 4-Bromophenyl-phenylether	16.22	248	114302	49.05	nq	98
67) Hexachlorobenzene	16.34	284	117347	48.21	nq	93
68) Atrazine	16.50	200	136022	49.02	nq	97
69) Pentachlorophenol	16.69	266	96459	76.80	nq	99
70) Phenanthrene	17.06	178	810438	48.10	nq	98
71) Anthracene	17.16	178	819947	48.97	nq	99
72) Carbazole	17.43	167	855771	50.09	nq	99
73) Di-n-butylphthalate	17.99	149	948336	45.61	nq	100
74) Fluoranthene	19.09	202	865860	47.70	nq	100
76) Benzidine	19.28	184	34162	3.42	nq	96
77) Pyrene	19.45	202	889046	48.97	nq	98
79) Butylbenzylphthalate	20.35	149	438106	46.10	nq	99
80) Benzo(a)anthracene	21.19	228	778211	47.74	nq	100
81) 3,3'-Dichlorobenzidine	21.13	252	96957	17.97	nq	98
82) Chrysene	21.25	228	742259	47.43	nq	100
83) Bis(2-ethylhexyl)phthalate	21.12	149	535791	41.07	nq	100
84) Di-n-octyl phthalate	21.99	149	977394	45.12	nq	98
85) Indeno(1,2,3-cd)pyrene	25.69	276	762959	44.43	nq	98
87) Benzo(b)fluoranthene	22.76	252	709459	48.82	nq	99
88) Benzo(k)fluoranthene	22.80	252	730935	51.28	nq	98
89) Benzo(a)pyrene	23.33	252	724749	52.53	nq	98
90) Dibenzo(a,h)anthracene	25.70	278	660351	49.25	nq	98
91) Benzo(g,h,i)perylene	26.38	276	563980	41.69	nq	98

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



#1

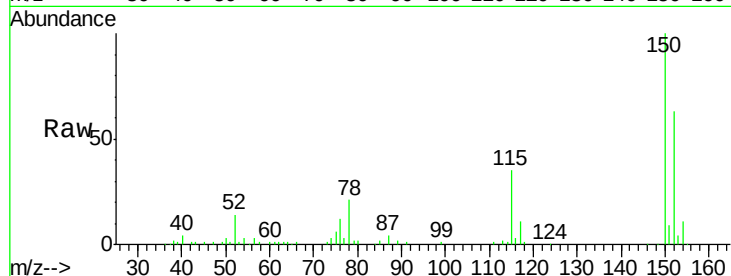
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :
TEC-07MSD

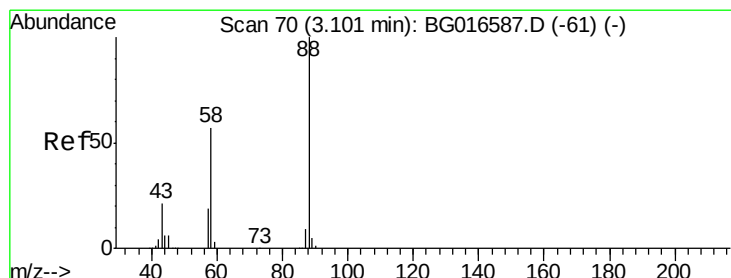
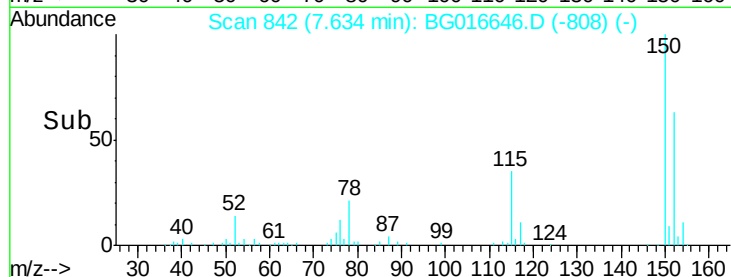
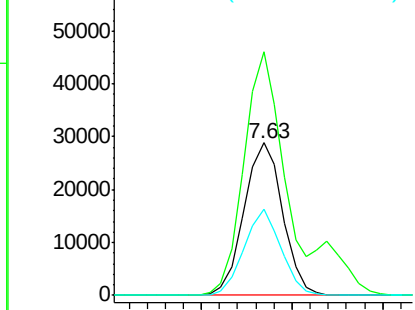
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	125.5	188.3
115	56.5	44.5	66.7

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 PM



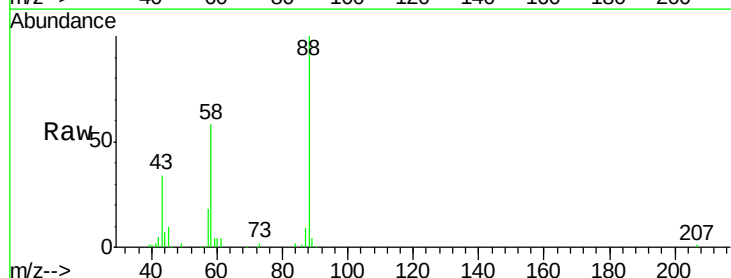
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



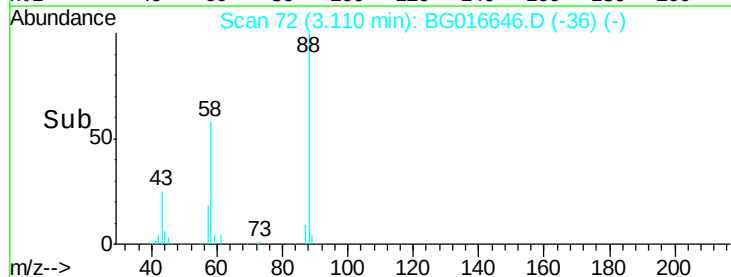
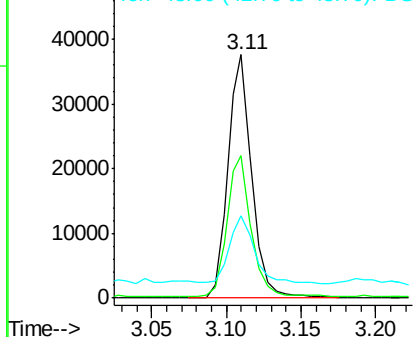
#2

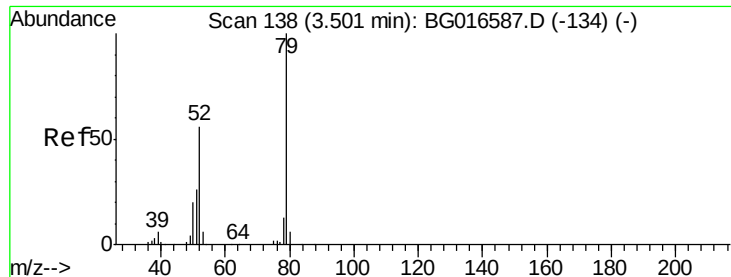
1,4-Dioxane
Concen: 35.32 ng
RT: 3.11 min Scan# 72
Delta R.T. 0.01 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.1	46.0	69.0
43	30.4	16.2	24.4



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: 21.39 ng

RT: 3.52 min Scan# 141

Delta R.T. 0.01 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

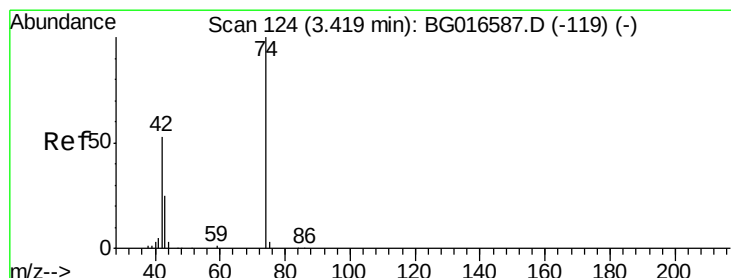
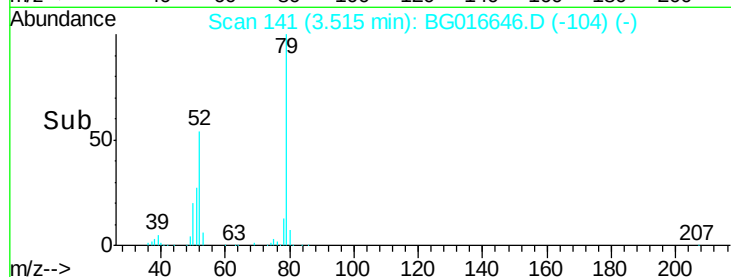
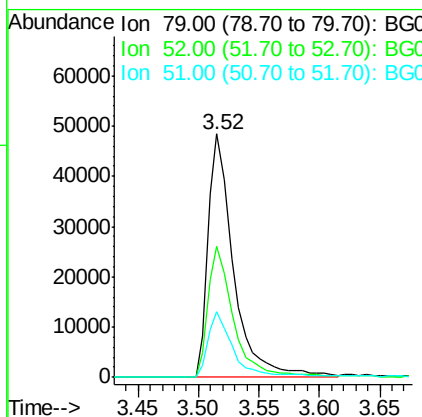
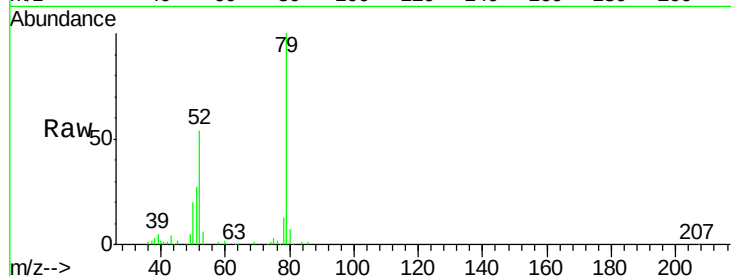
ClientSampleId :

TEC-07MSD

Tot Ion:	79	Resp:	70734
Ion Ratio	Lower	Upper	
79	100		
52	53.6	45.0	67.4
51	26.9	21.4	32.0

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 PM



#4

n-Nitrosodimethylamine

Concen: 38.93 ng

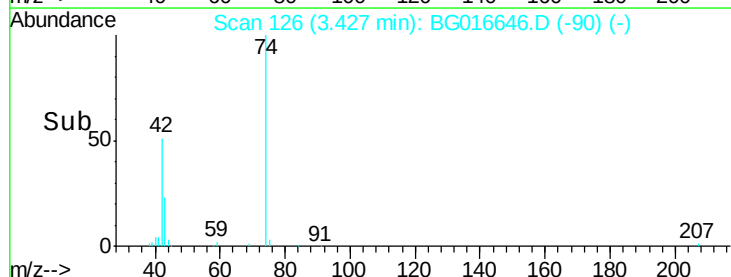
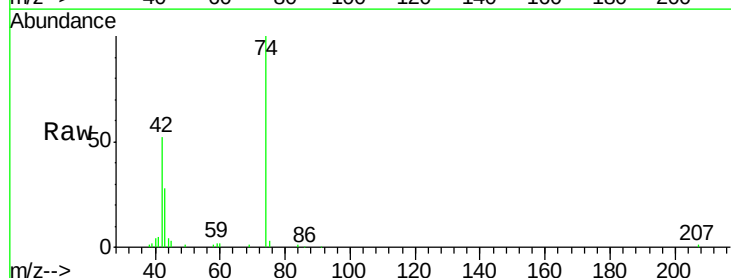
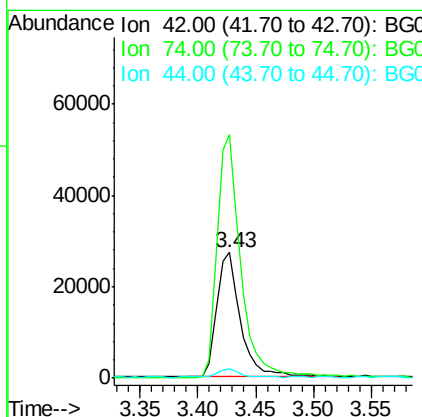
RT: 3.43 min Scan# 126

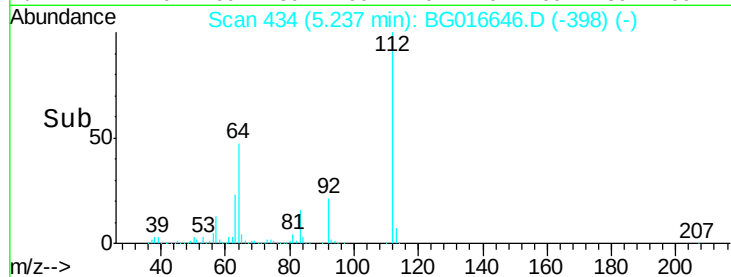
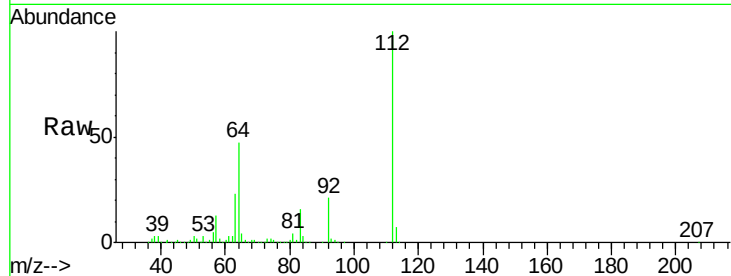
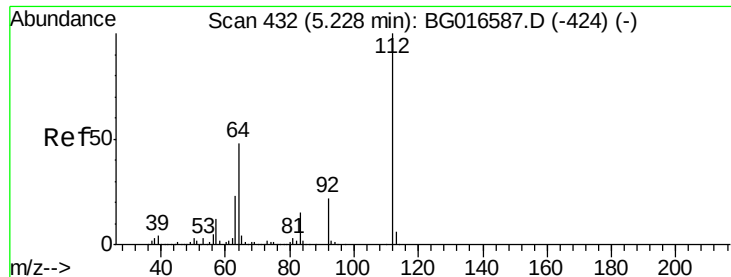
Delta R.T. 0.01 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Tgt Ion:	42	Resp:	38533
Ion Ratio	Lower	Upper	
42	100		
74	194.1	151.6	227.4
44	7.2	4.9	7.3





#5

2-Fluorophenol

Concen: 148.15 ng

RT: 5.24 min Scan# 434

Delta R.T. 0.01 min

Lab File: BG016646.D

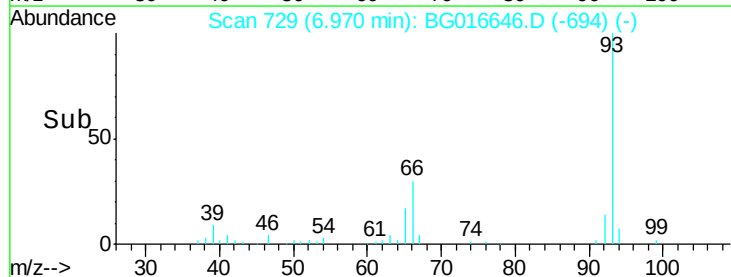
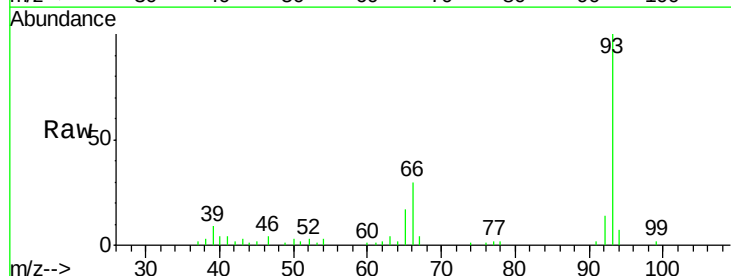
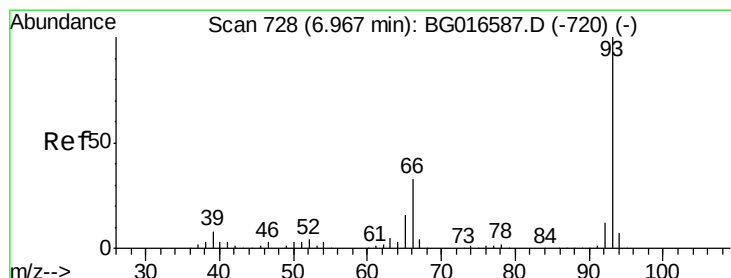
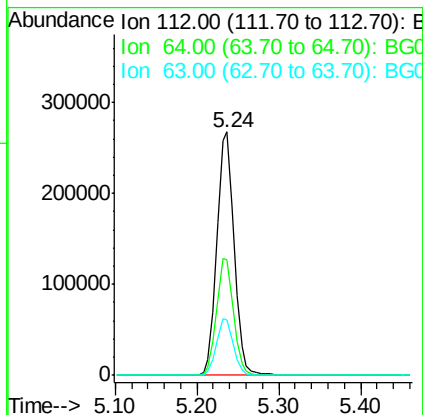
Acq: 23 Apr 2015 8:59

Tot Ion	Ratio	Resp	Lower	Upper
112	100	393765		
64	47.5		38.5	57.7
63	22.8		18.2	27.4

Instrument :
BNA_G
ClientSampleId :
TEC-07MSD

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 PM



#6

Aniline

Concen: 8.34 ng

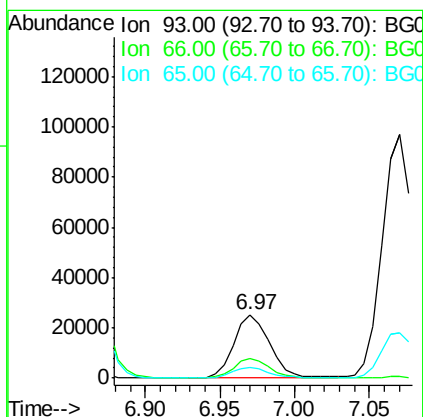
RT: 6.97 min Scan# 729

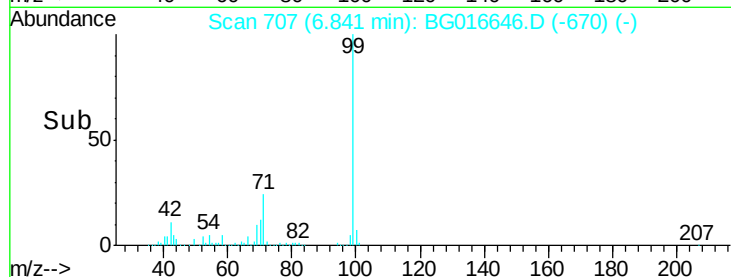
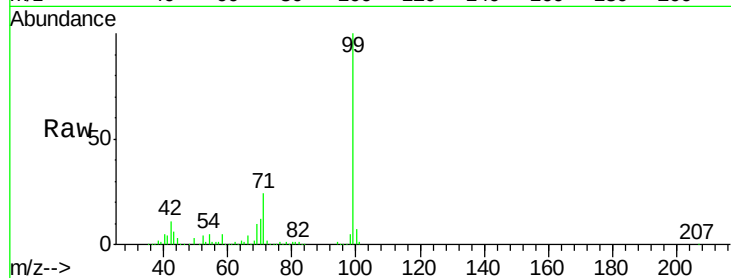
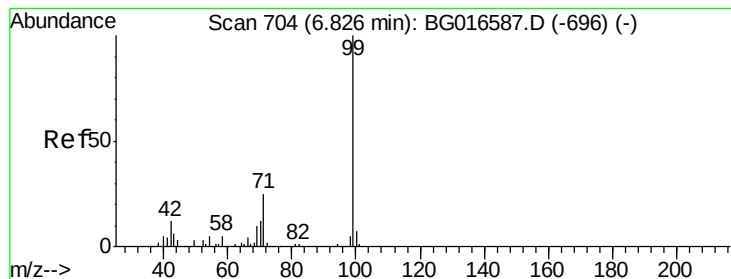
Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	42775		
66	29.8		26.1	39.1
65	17.0		13.0	19.6





#7

Phenol-d6

Concen: 143.99 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Tot Ion:	99	Resp:	534704
Ion Ratio	Lower	Upper	
99	100		
42	11.4	9.5	14.3
71	24.4	20.2	30.2

Instrument :

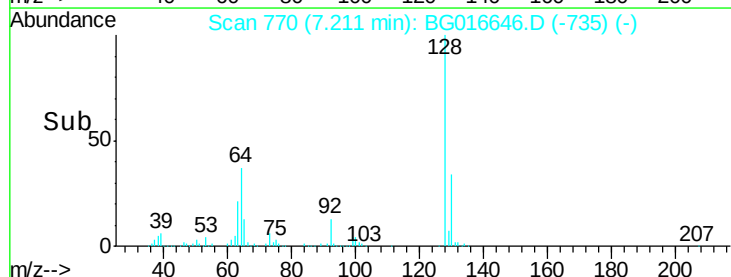
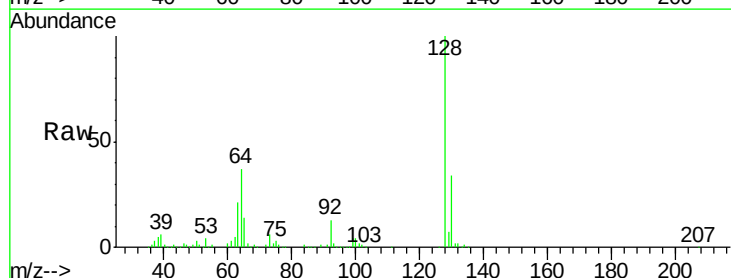
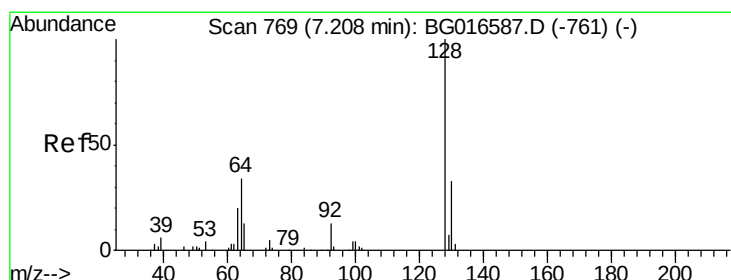
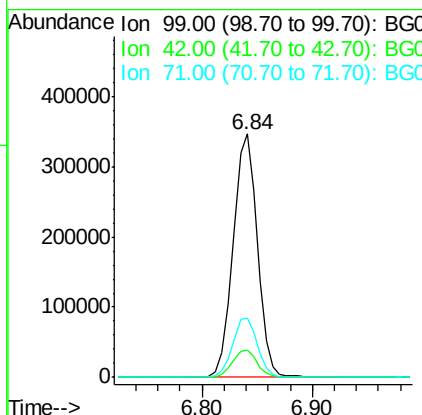
BNA_G

ClientSampleId :

TEC-07MSD

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 PM



#8

2-Chlorophenol

Concen: 52.38 ng

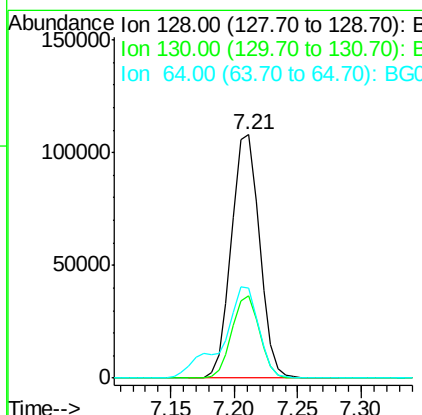
RT: 7.21 min Scan# 770

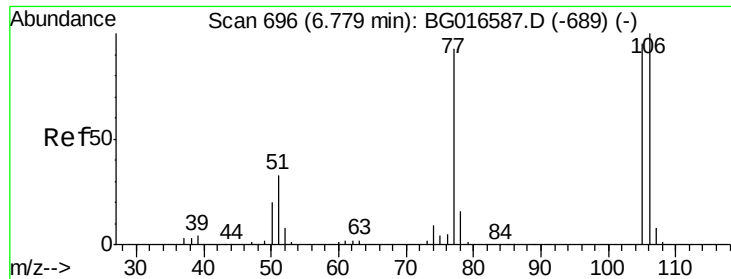
Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Tgt Ion:	128	Resp:	166198
Ion Ratio	Lower	Upper	
128	100		
130	33.7	13.5	53.5
64	36.7	17.9	57.9





#9

Benzaldehyde

Concen: 5.68 ng

RT: 6.78 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

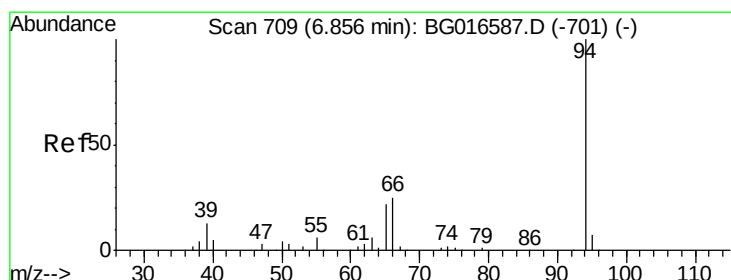
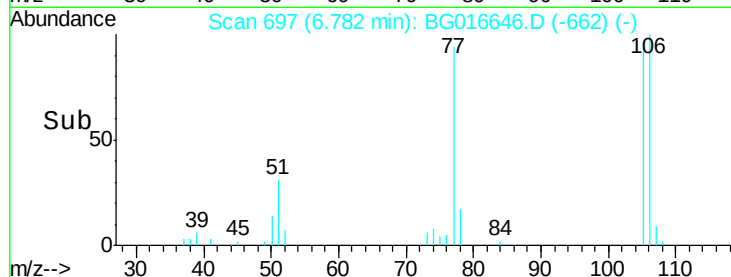
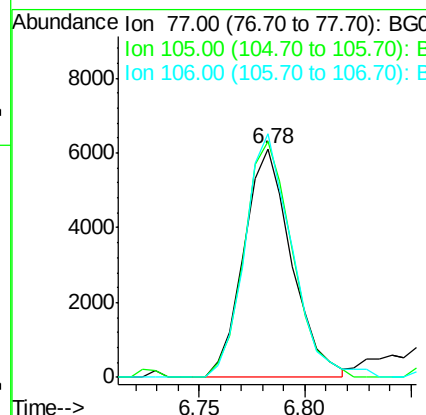
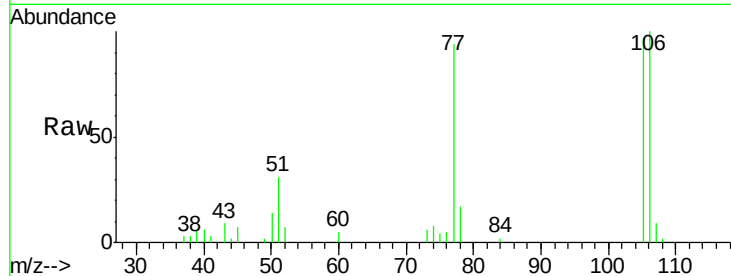
ClientSampleId :

TEC-07MSD

Tot Ion:	77	Resp:	9594
Ion	Ratio	Lower	Upper
77	100		
105	103.2	81.6	121.6
106	106.4	87.4	127.4

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 PM



#10

Phenol

Concen: 48.80 ng

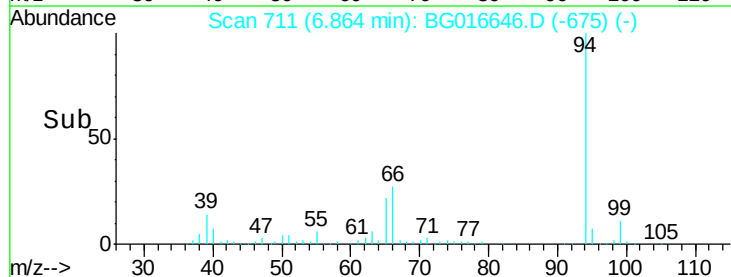
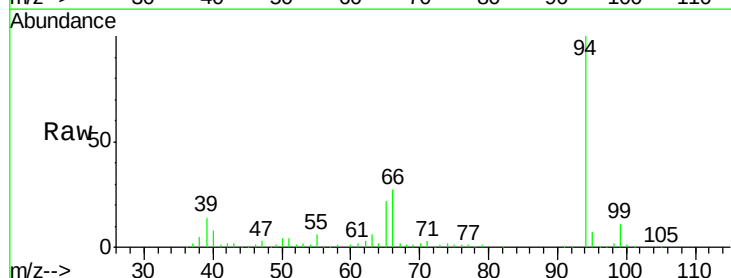
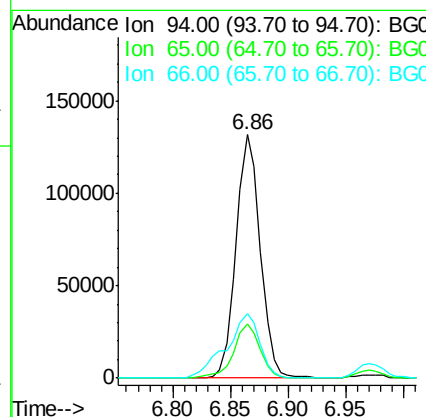
RT: 6.86 min Scan# 711

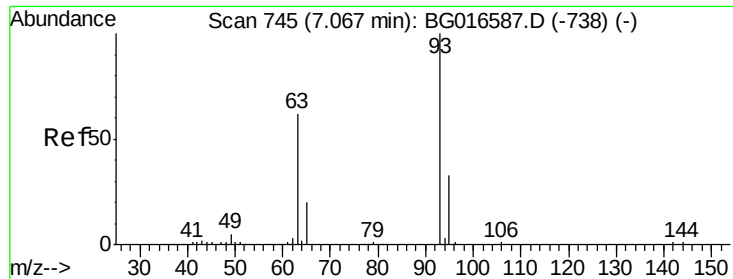
Delta R.T. 0.01 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Tgt Ion:	94	Resp:	191678
Ion	Ratio	Lower	Upper
94	100		
65	22.0	2.6	42.6
66	26.6	6.3	46.3





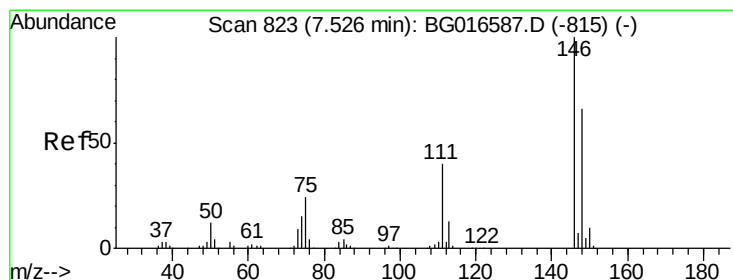
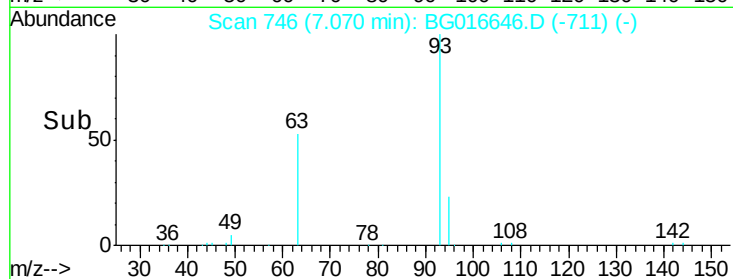
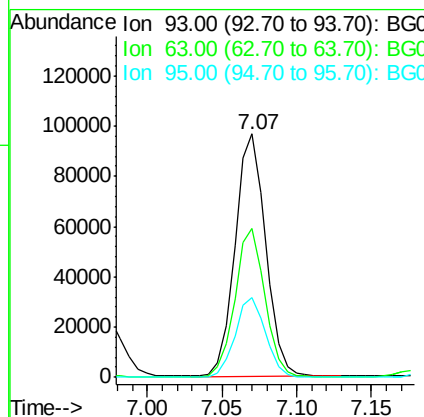
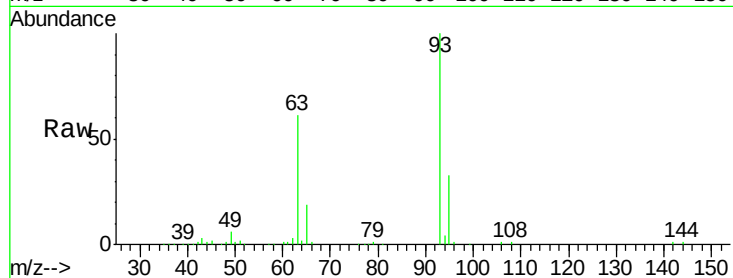
#11
bis(2-Chloroethyl)ether
Concen: 44.87 ng
RT: 7.07 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :
TEC-07MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	137976		
63	61.0	42.0	82.0	
95	32.6	12.6	52.6	

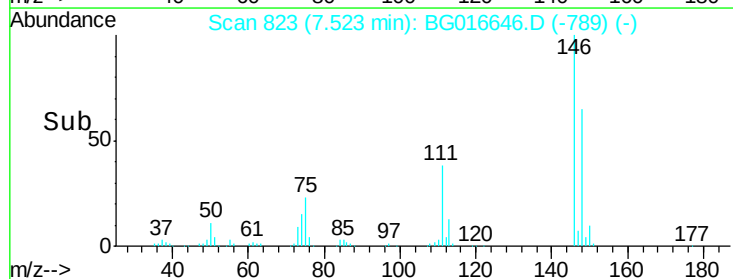
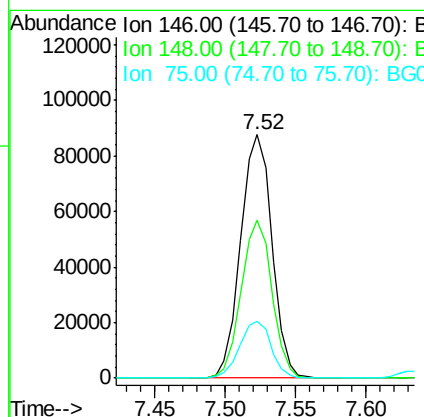
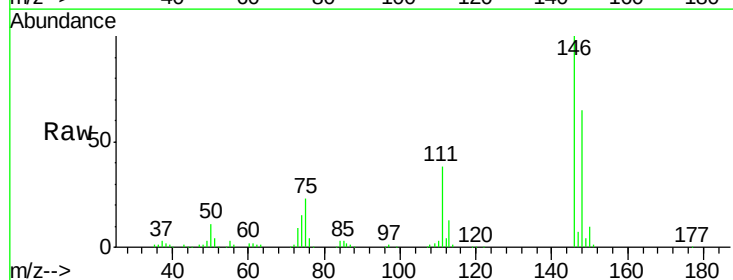
Manual Integrations
APPROVED

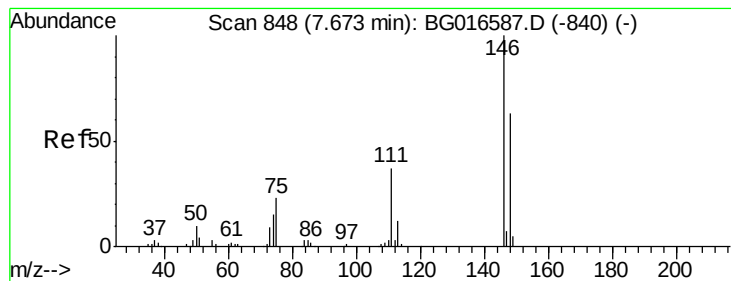
apatel
4/23/2015 4:41:17 PM



#12
1,3-Dichlorobenzene
Concen: 41.01 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	135871		
148	64.7	52.6	79.0	
75	23.4	19.5	29.3	





#13

1,4-Dichlorobenzene

Concen: 41.97 ng

RT: 7.67 min Scan# 848

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

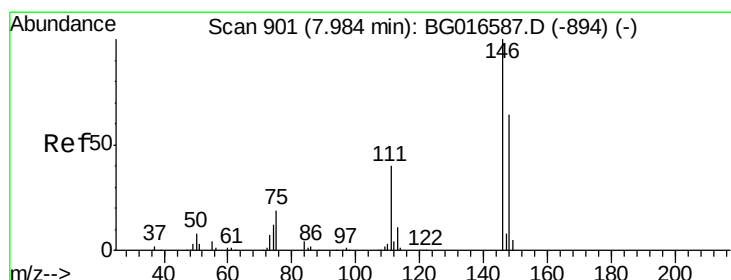
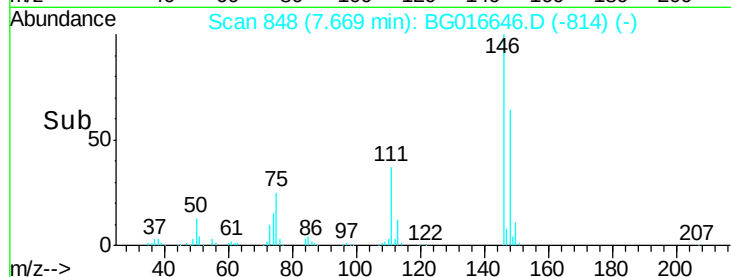
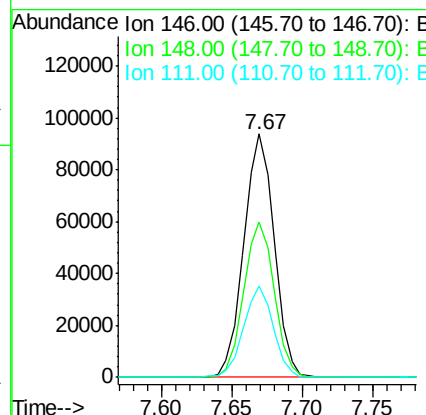
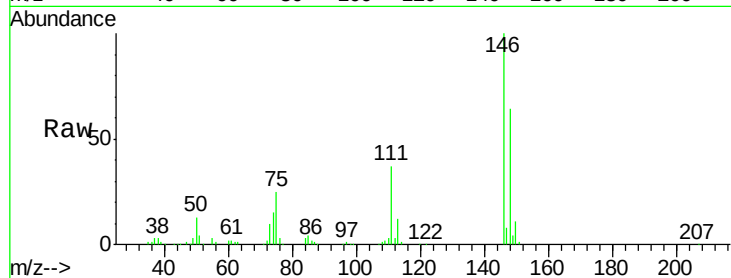
ClientSampleId :

TEC-07MSD

Tot Ion:	146	Resp:	141522
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.5	75.7
111	37.4	29.6	44.4

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 PM



#14

1,2-Dichlorobenzene

Concen: 43.78 ng

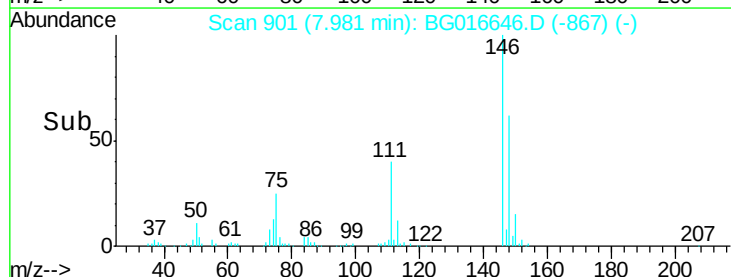
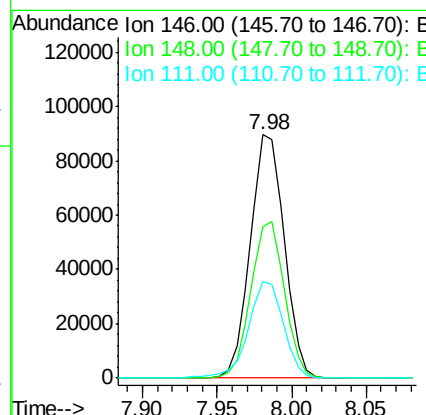
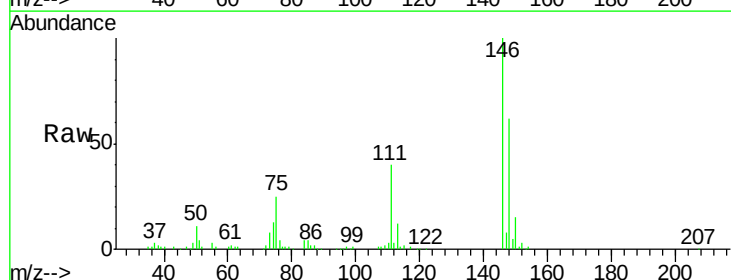
RT: 7.98 min Scan# 901

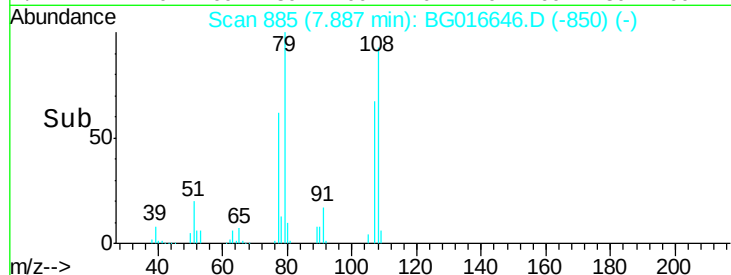
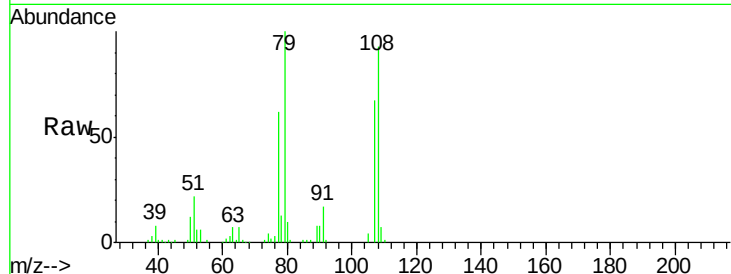
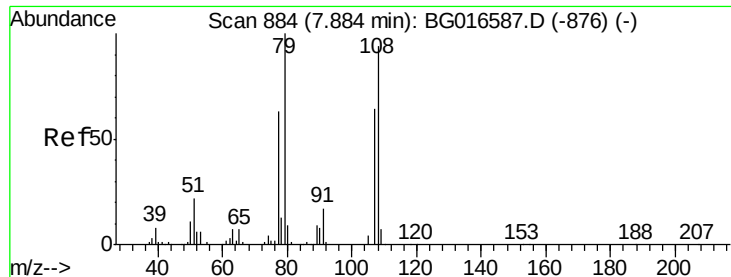
Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Tgt Ion:	146	Resp:	140469
Ion Ratio	Lower	Upper	
146	100		
148	62.1	51.4	77.2
111	39.5	32.6	48.8





#15

Benzyl Alcohol

Concen: 52.62 ng

RT: 7.89 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Tot Ion:	79	Resp:	124350
Ion Ratio	Lower	Upper	
79	100		
108	92.8	74.8	112.2
77	62.5	50.0	75.0

Instrument :

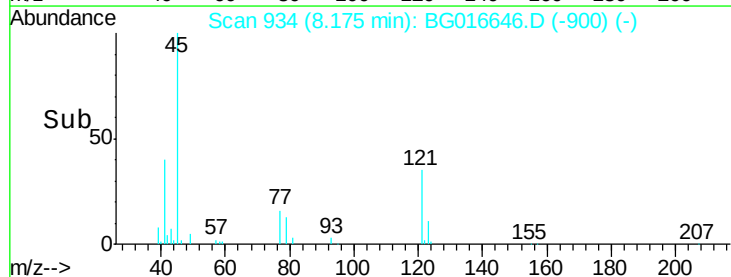
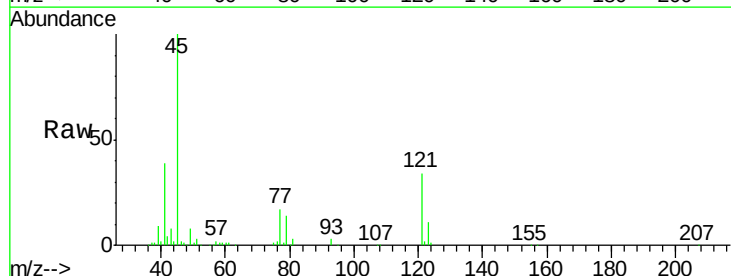
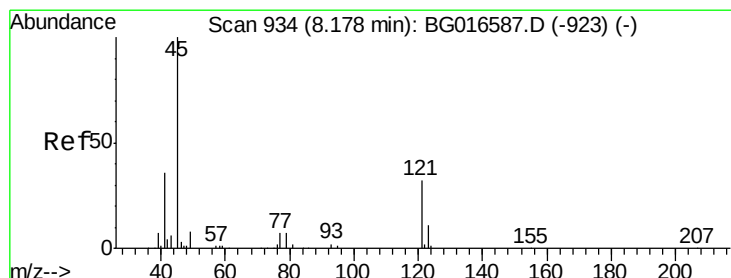
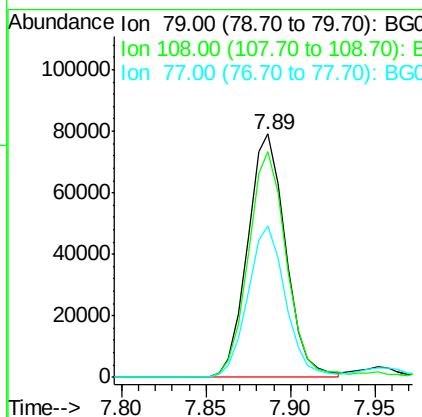
BNA_G

ClientSampled :

TEC-07MSD

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.82 ng

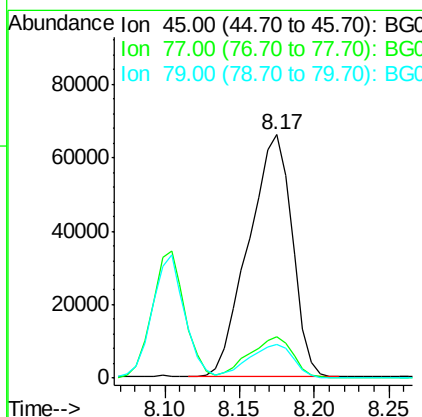
RT: 8.17 min Scan# 934

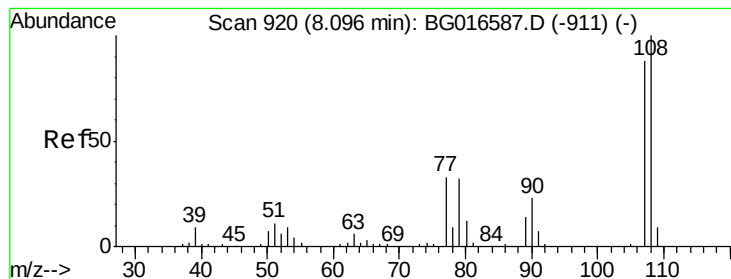
Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Tgt Ion:	45	Resp:	133480
Ion Ratio	Lower	Upper	
45	100		
77	17.2	0.0	35.7
79	13.9	0.0	34.3





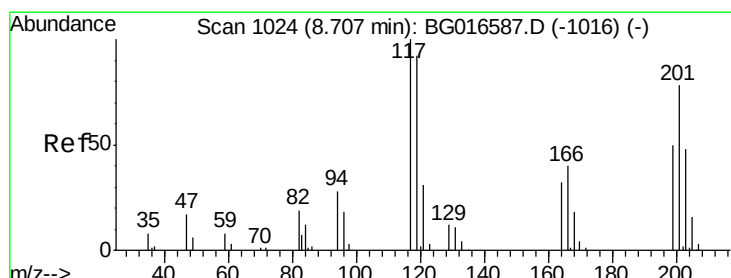
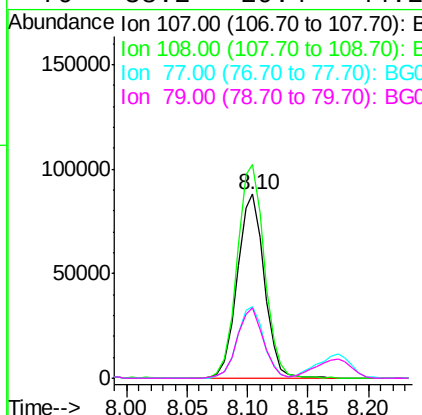
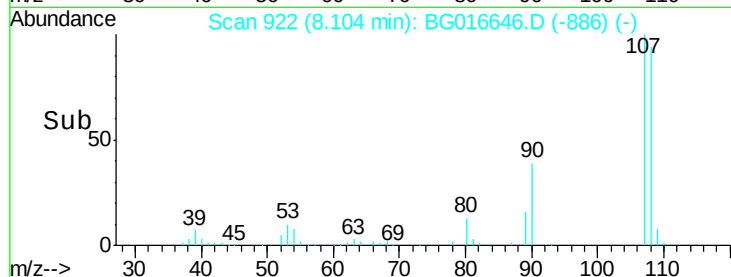
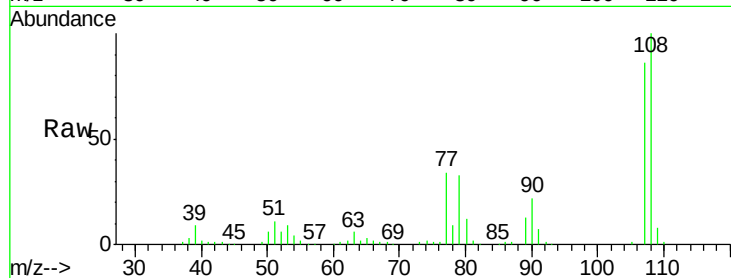
#17
2-Methylphenol
Concen: 51.97 ng
RT: 8.10 min Scan# 922
Delta R.T. 0.01 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :
TEC-07MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.9	91.6	137.4	
77	39.3	30.2	45.4	
79	38.2	29.4	44.2	

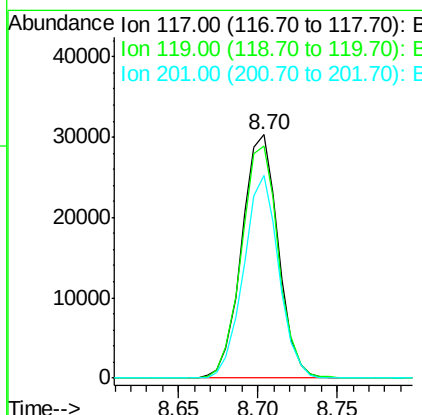
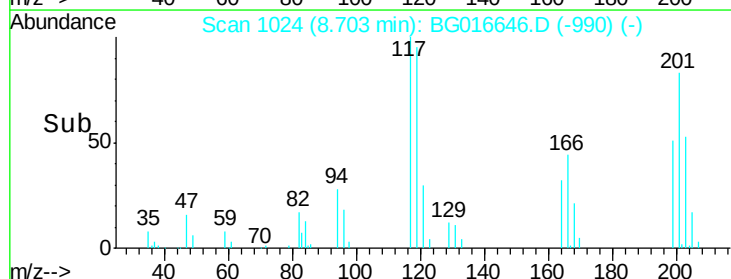
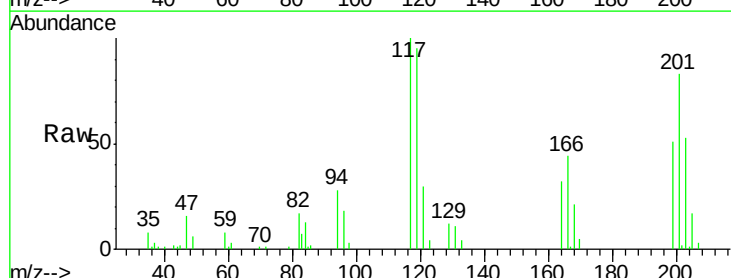
Manual Integrations
APPROVED

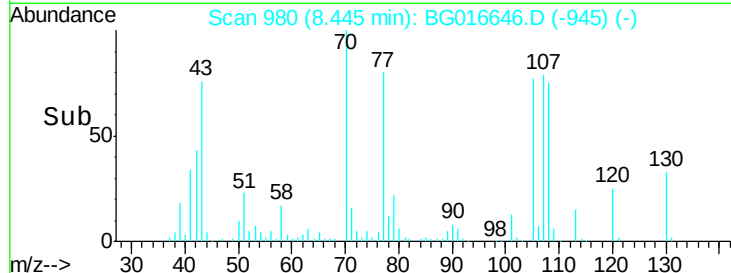
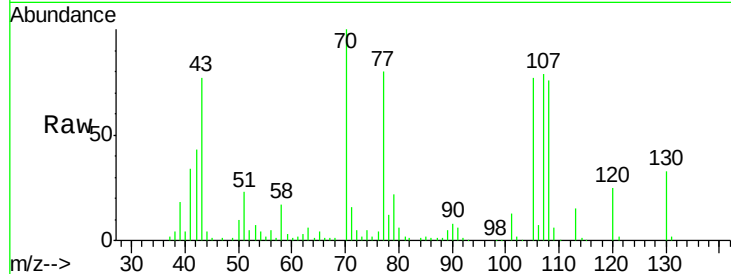
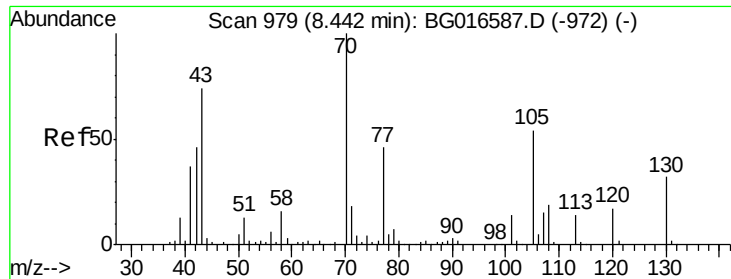
apatel
4/23/2015 4:41:17 PM



#18
Hexachloroethane
Concen: 39.92 ng
RT: 8.70 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	73.8	110.8	
201	83.4	62.2	93.2	





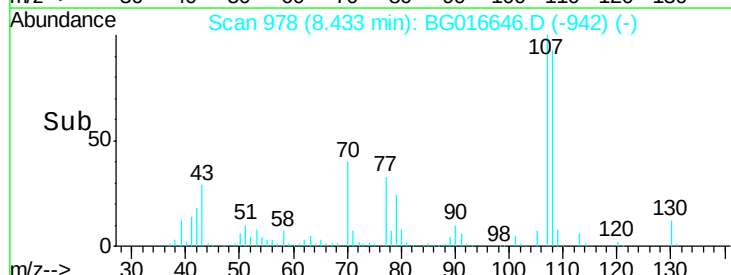
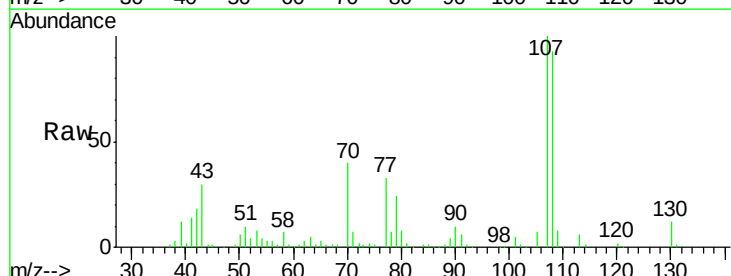
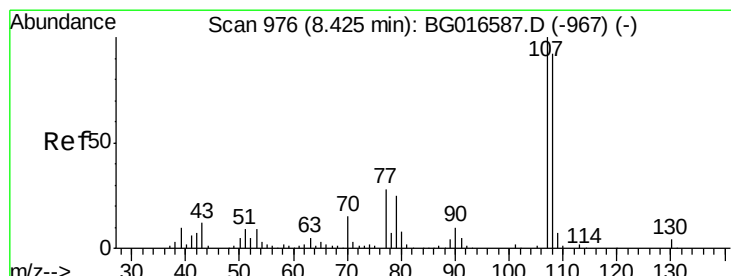
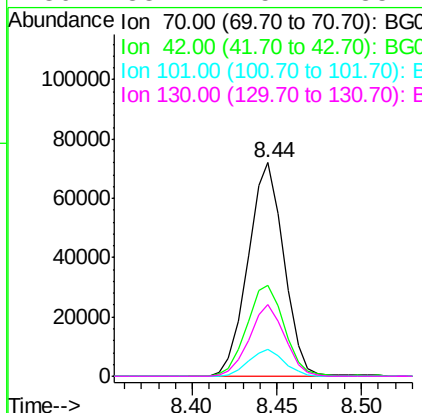
#19
n-Nitroso-di-n-propylamine
Concen: 44.23 ng
RT: 8.44 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampled :
TEC-07MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	42.5	36.9	55.3		
101	12.8	10.8	16.2		
130	33.4	25.4	38.2		

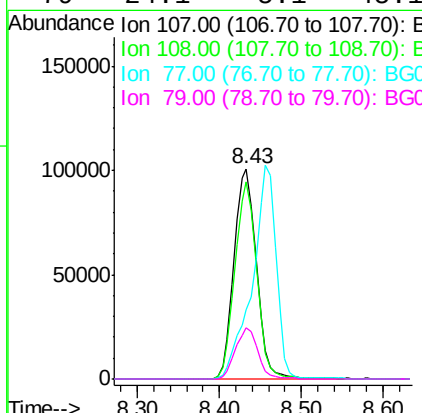
Manual Integrations
APPROVED

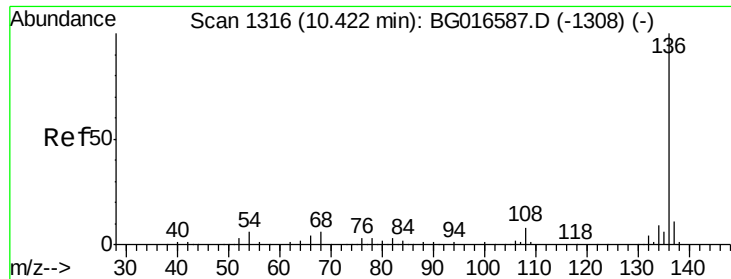
apatel
4/23/2015 4:41:17 PM



#20
3+4-Methylphenols
Concen: 52.90 ng
RT: 8.43 min Scan# 978
Delta R.T. 0.01 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.5	71.6	111.6		
77	32.8	7.6	47.6		
79	24.1	5.1	45.1		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.42 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

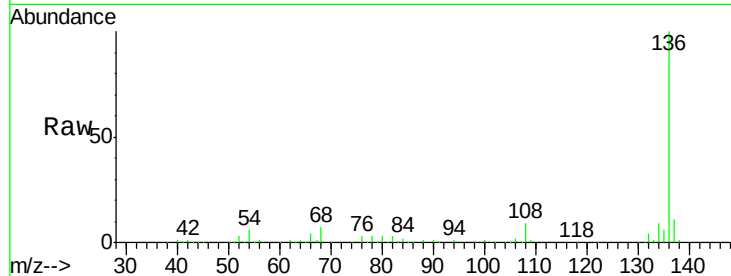
ClientSampleId :

TEC-07MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		198583		
137	10.7		8.8	13.2	
54	5.8		4.9	7.3	
68	6.5		4.9	7.3	

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 PM

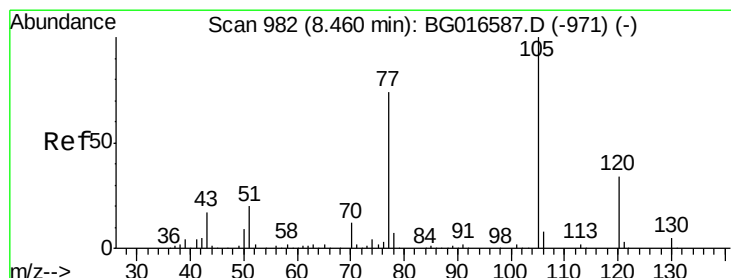
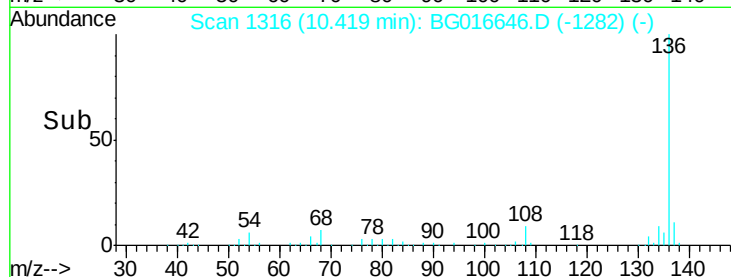
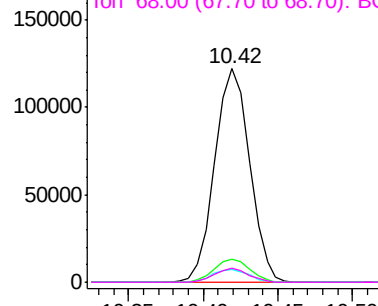


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.29 ng

RT: 8.46 min Scan# 982

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

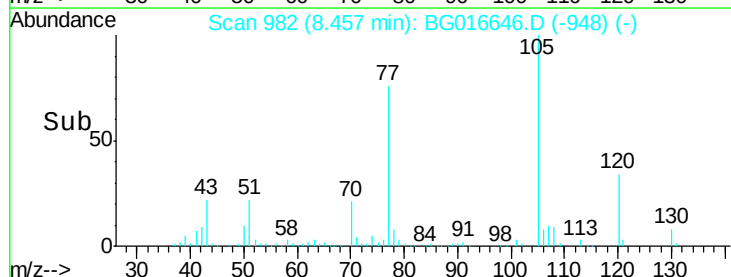
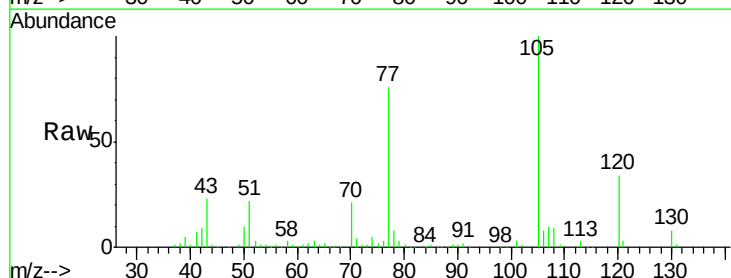
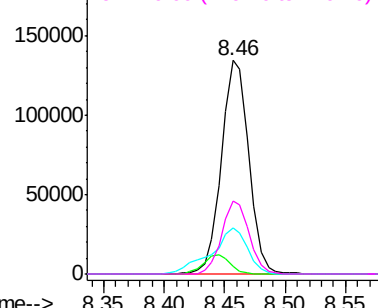
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		213614		
71	3.8		1.8	2.6#	
51	21.7		16.5	24.7	
120	34.1		26.8	40.2	

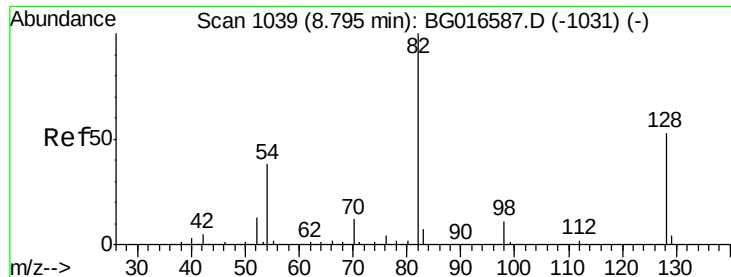
Abundance Ion 105.00 (104.70 to 105.70): E

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





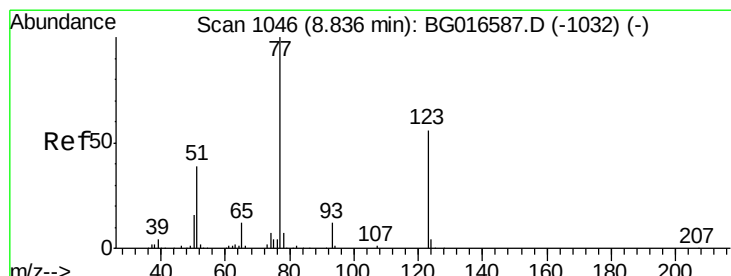
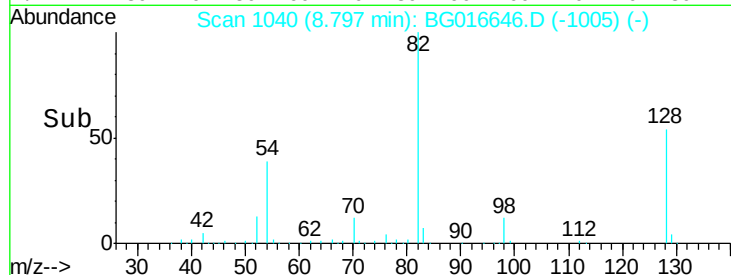
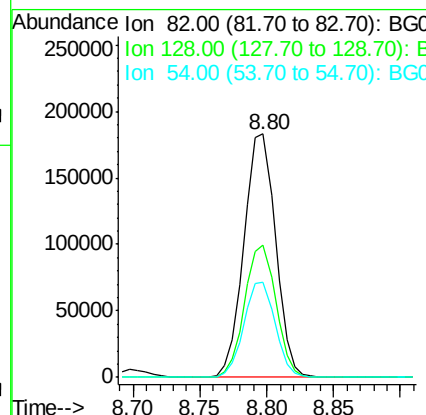
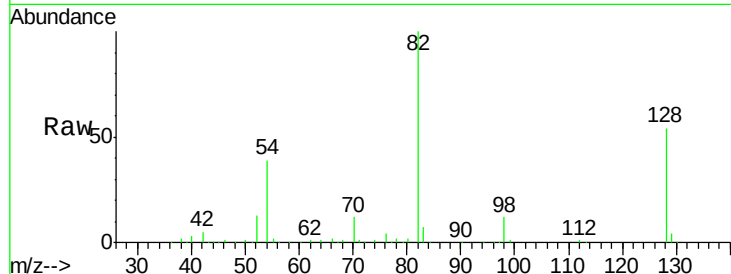
#23
 Nitrobenzene-d5
 Concen: 93.14 ng
 RT: 8.80 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Instrument :
 BNA_G
 ClientSampleId :
 TEC-07MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	300377		
128	54.4	42.7	64.1	
54	39.0	30.6	45.8	

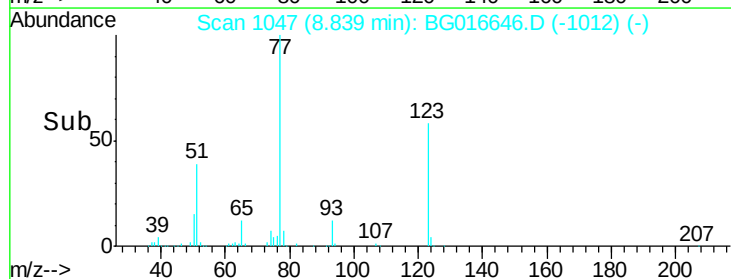
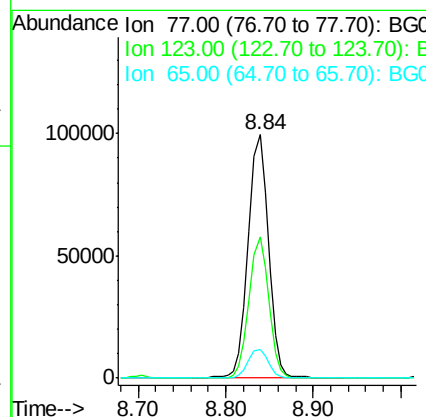
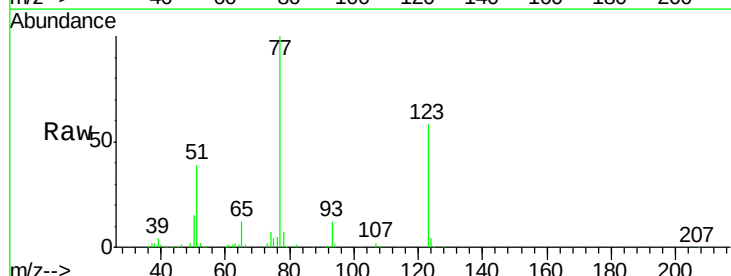
Manual Integrations
 APPROVED

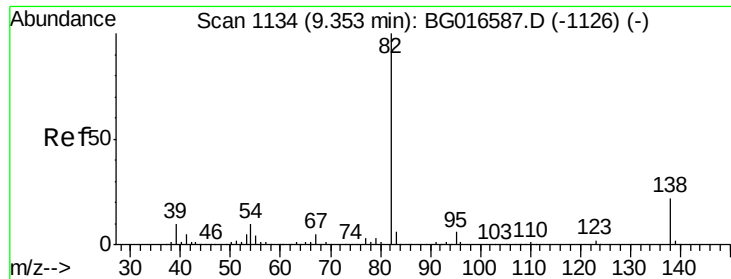
apatel
 4/23/2015 4:41:17 PM



#24
 Nitrobenzene
 Concen: 46.51 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	156105		
123	58.0	44.8	67.2	
65	11.5	9.8	14.6	





#25

Isophorone

Concen: 46.82 ng

RT: 9.36 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

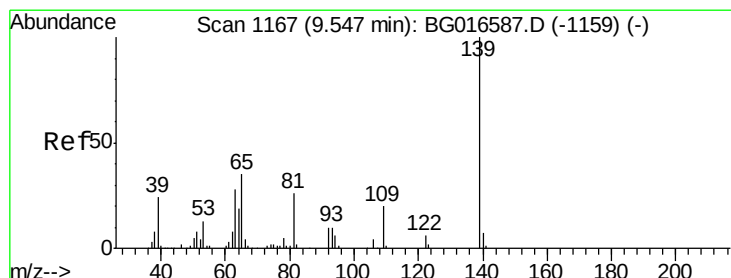
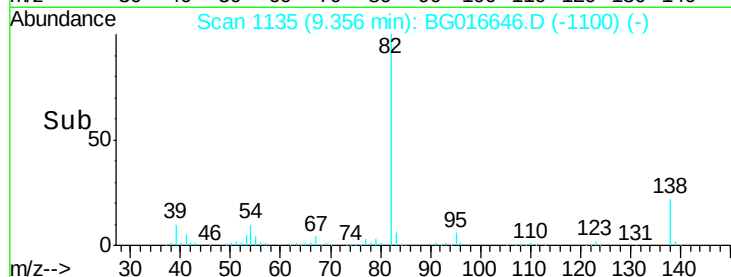
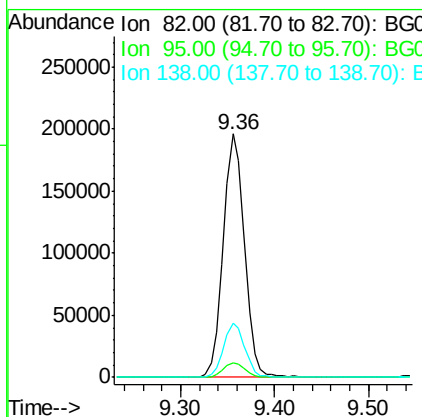
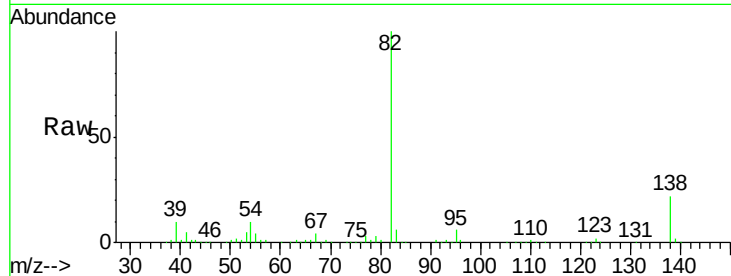
ClientSampleId :

TEC-07MSD

Tot Ion:	82	Resp:	309162
Ion Ratio		Lower	Upper
82	100		
95	6.1	4.9	7.3
138	22.5	17.7	26.5

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 PM



#26

2-Nitrophenol

Concen: 51.36 ng

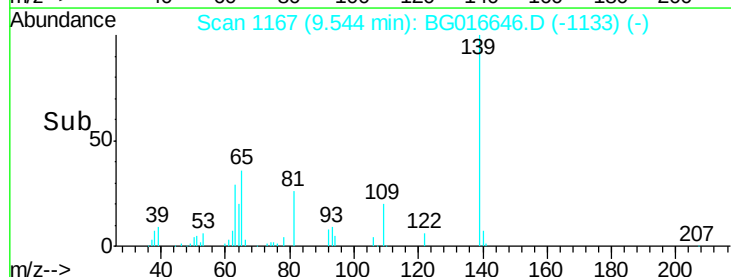
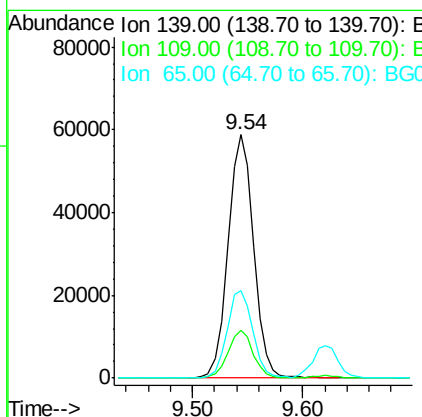
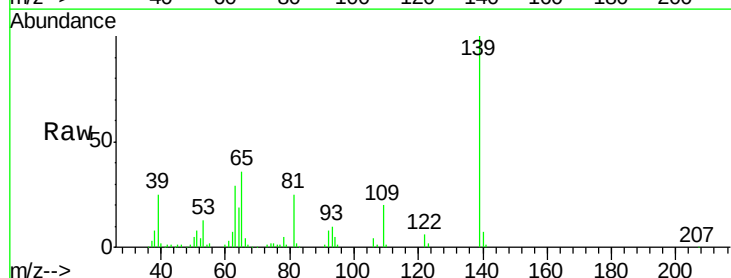
RT: 9.54 min Scan# 1167

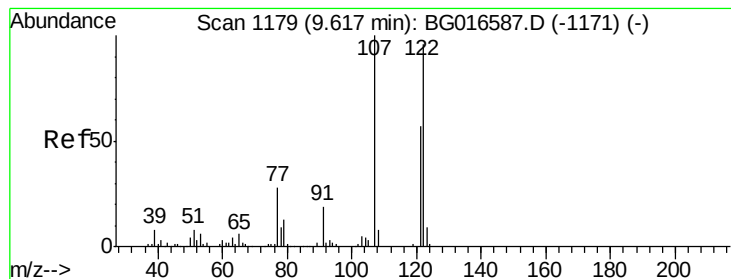
Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Tgt Ion:	139	Resp:	95179
Ion Ratio		Lower	Upper
139	100		
109	19.8	16.2	24.2
65	36.2	28.2	42.4





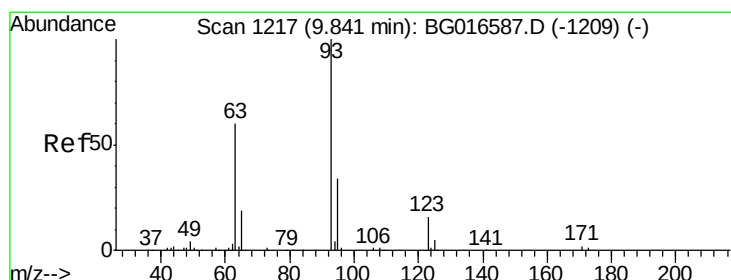
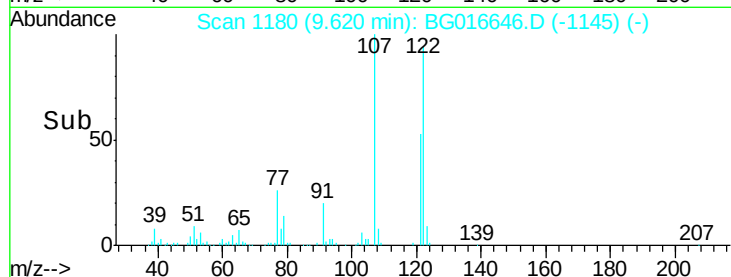
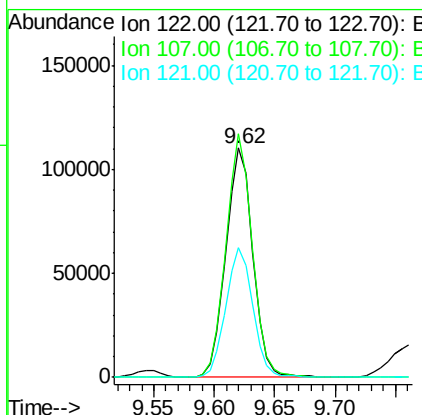
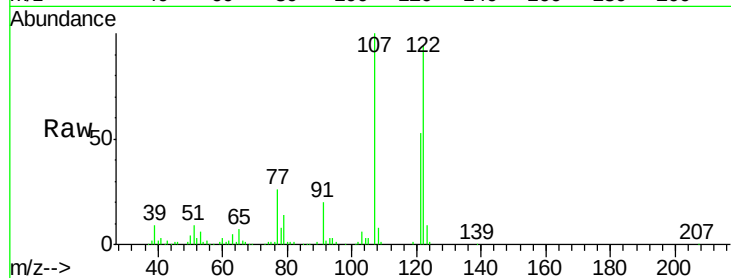
#27
 2,4-Dimethylphenol
 Concen: 54.36 ng
 RT: 9.62 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Instrument :
 BNA_G
 ClientSampleId :
 TEC-07MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.3	82.9	124.3
121	56.4	47.0	70.4

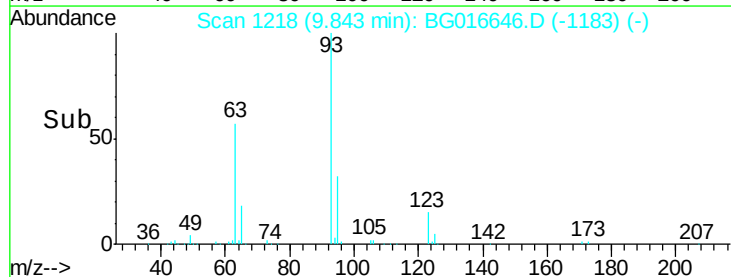
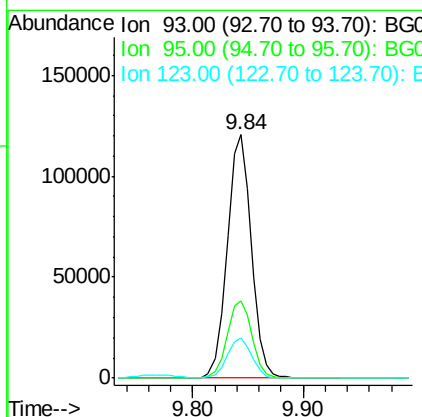
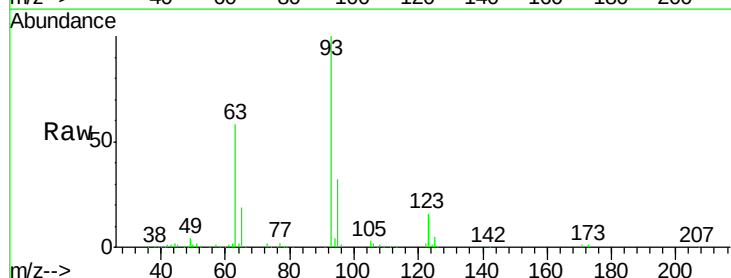
Manual Integrations
 APPROVED

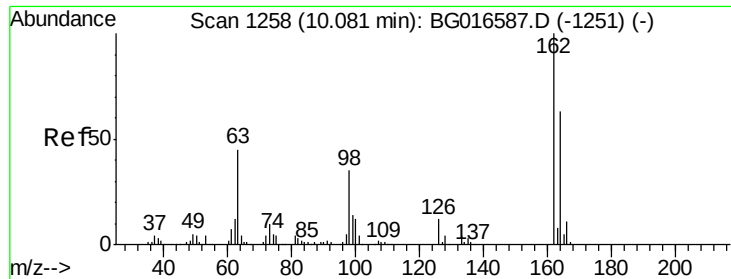
apatel
 4/23/2015 4:41:17 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.52 ng
 RT: 9.84 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.9	40.3
123	16.4	13.0	19.6





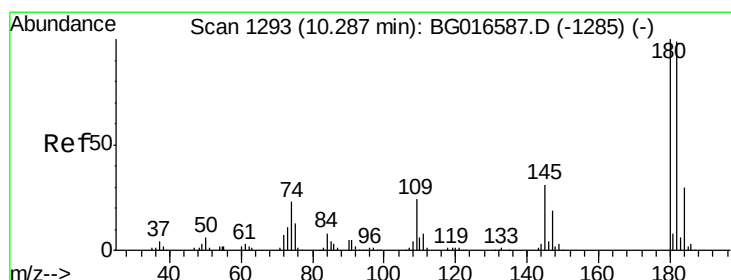
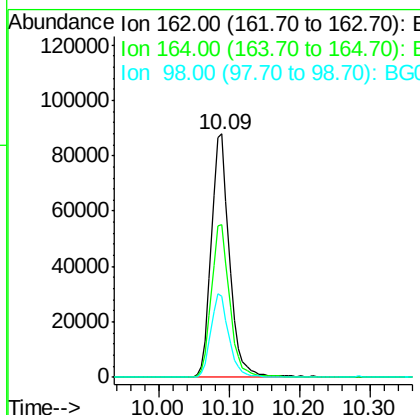
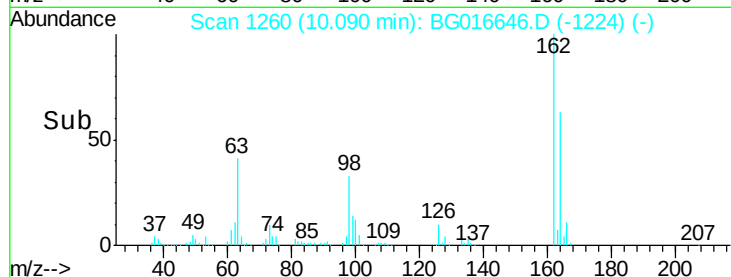
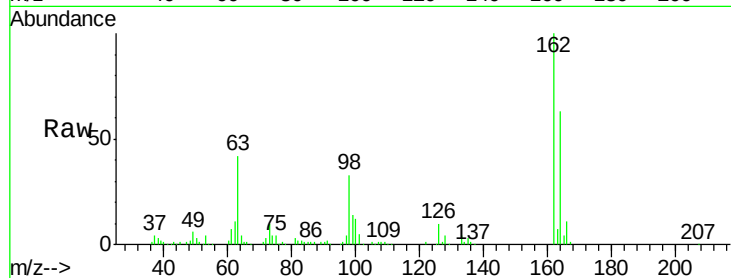
#29
2,4-Dichlorophenol
Concen: 60.87 ng
RT: 10.09 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :
TEC-07MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.7	42.6	82.6
98	33.1	15.1	55.1

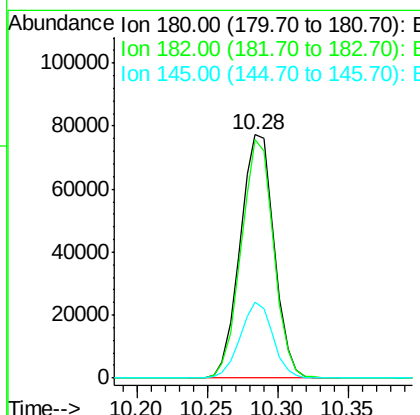
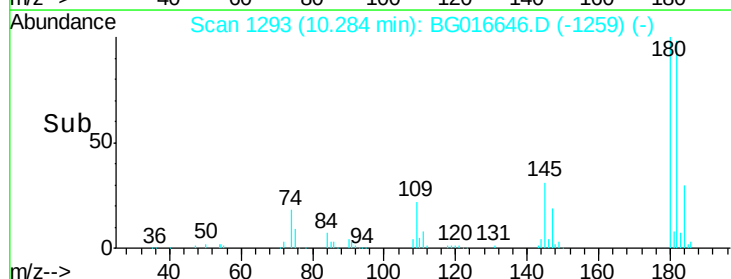
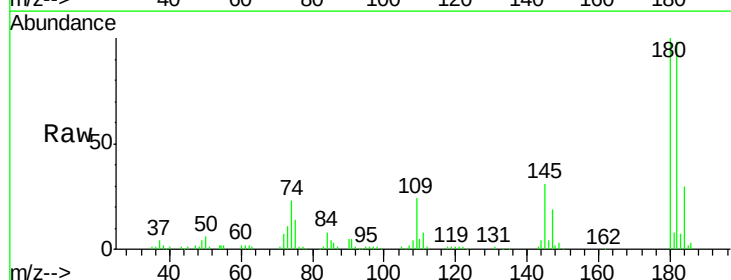
Manual Integrations
APPROVED

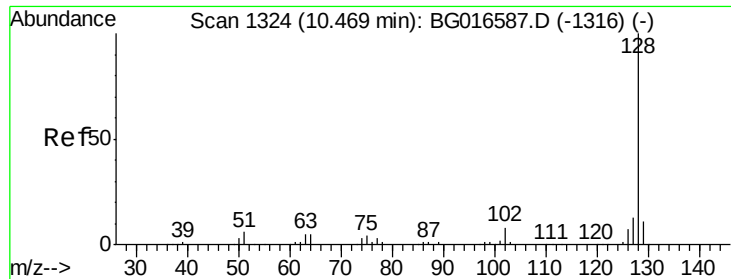
apatel
4/23/2015 4:41:17 PM



#30
1,2,4-Trichlorobenzene
Concen: 46.93 ng
RT: 10.28 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.2	78.9	118.3
145	31.3	24.8	37.2





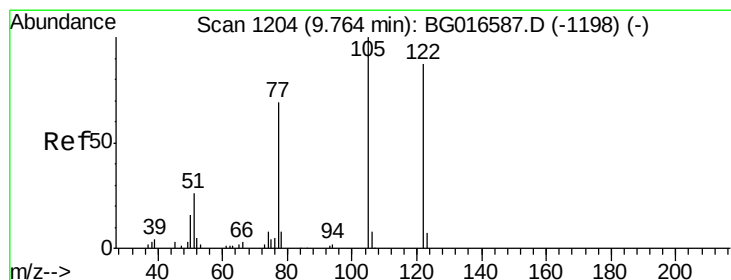
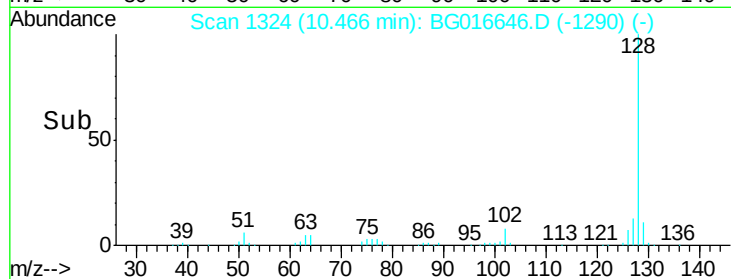
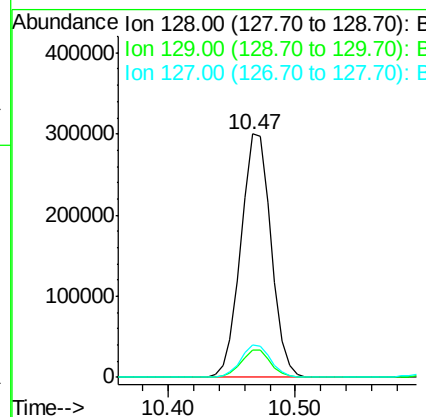
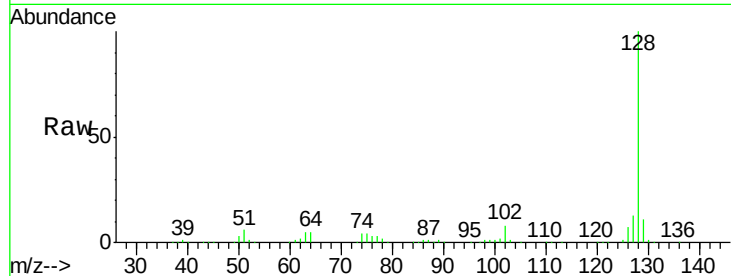
#31
Naphthalene
Concen: 47.60 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :
TEC-07MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	493493		
129	11.1	9.2	13.8	
127	13.3	10.6	16.0	

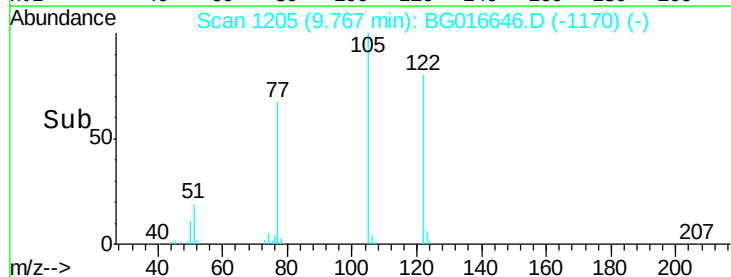
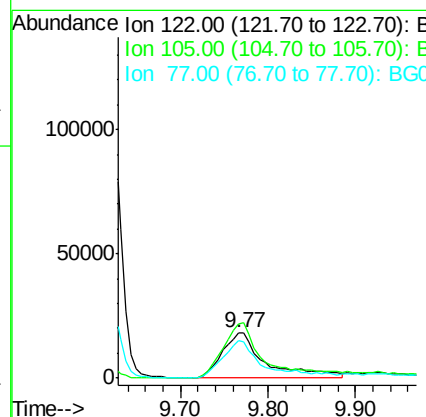
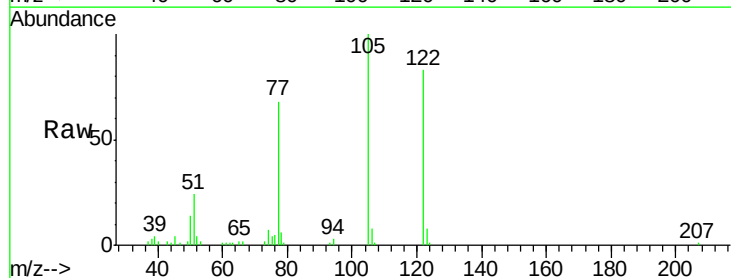
Manual Integrations
APPROVED

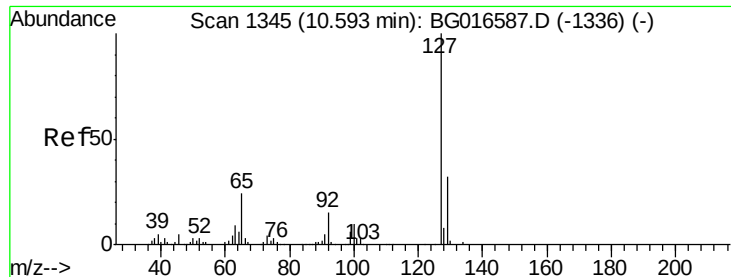
apatel
4/23/2015 4:41:17 PM



#32
Benzoic acid
Concen: 51.11 ng
RT: 9.77 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	60313		
105	120.8	95.5	135.5	
77	82.0	60.2	100.2	





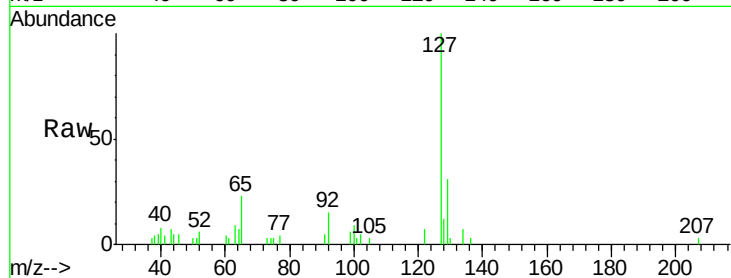
#33
4-Chloroaniline
Concen: 2.52 ng
RT: 10.60 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :
TEC-07MSD

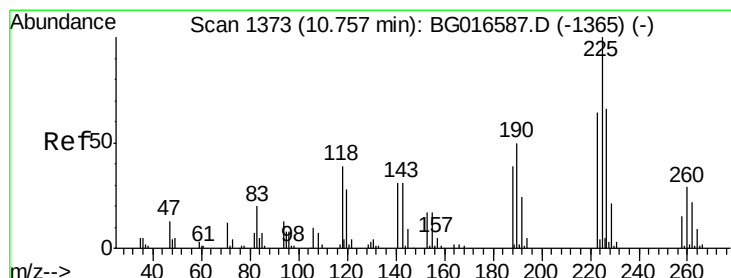
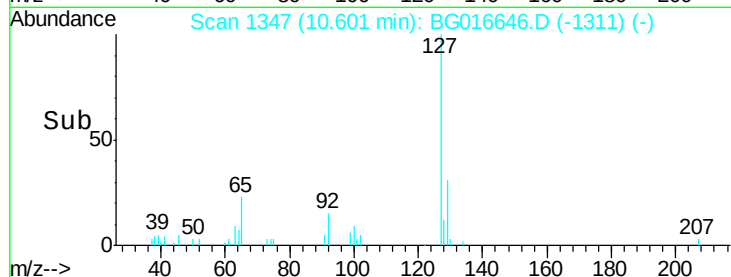
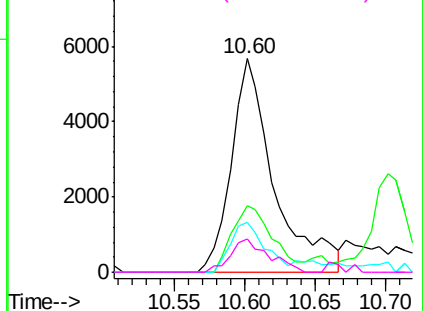
Tot Ion:	127	Resp:	11961
Ion Ratio	Lower	Upper	
127	100		
129	30.9	25.4	38.0
65	23.1	19.0	28.4
92	15.5	12.3	18.5

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 PM

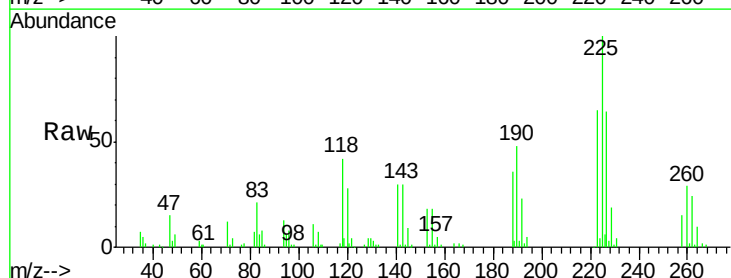


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

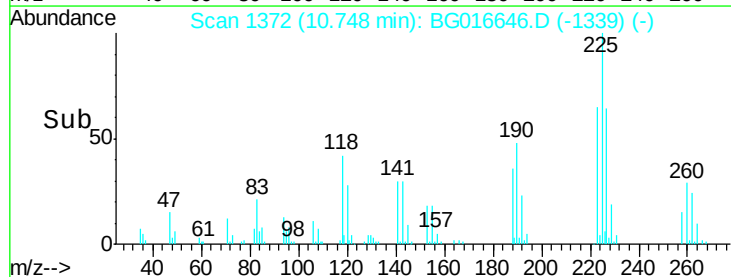
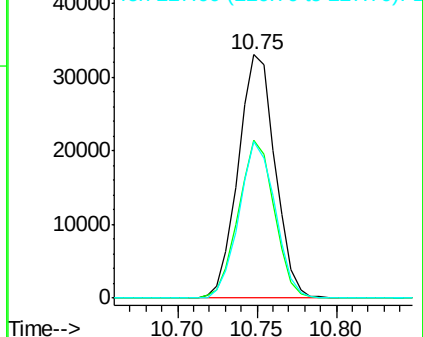


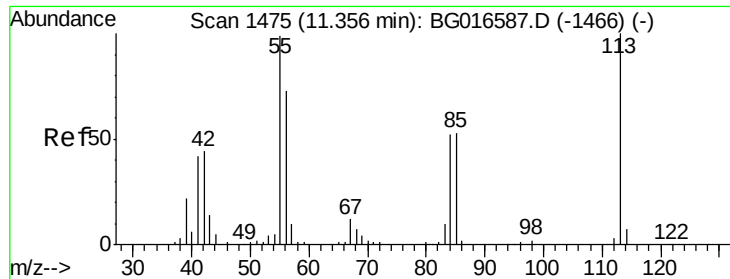
#34
Hexachlorobutadiene
Concen: 43.30 ng
RT: 10.75 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion:	225	Resp:	53313
Ion Ratio	Lower	Upper	
225	100		
223	64.7	51.0	76.4
227	64.4	52.7	79.1



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





#35

Caprolactam

Concen: 42.03 ng/mL

RT: 11.38 min Scan# 1479

Delta R.T. 0.02 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

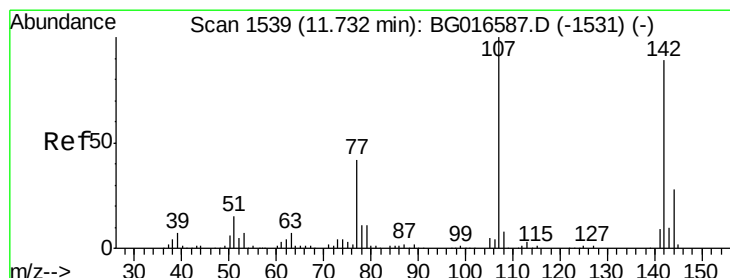
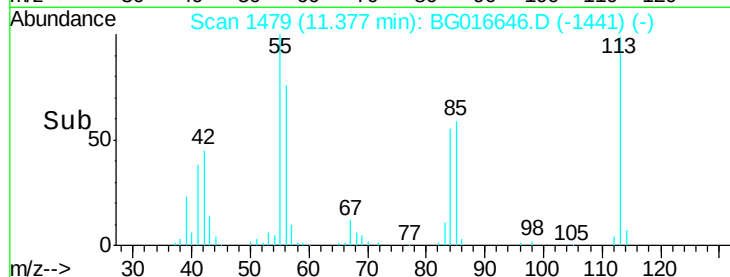
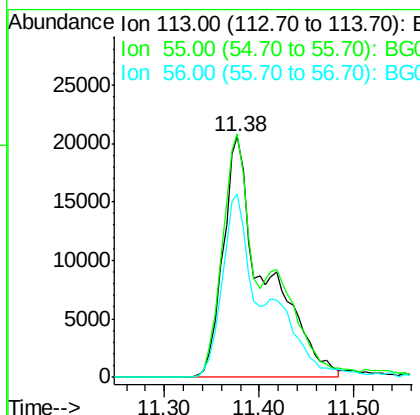
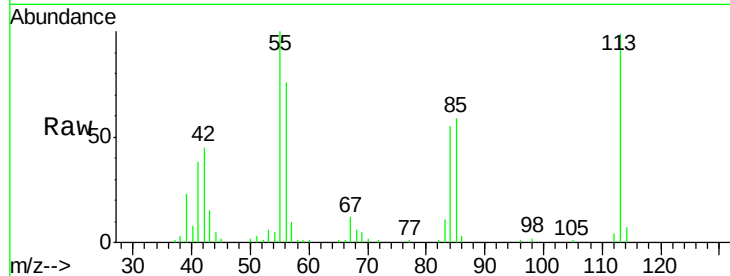
ClientSampleId :

TEC-07MSD

Tot Ion:	113	Resp:	63412
Ion Ratio	Lower	Upper	
113	100		
55	101.1	79.2	119.2
56	76.3	53.2	93.2

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 PM



#36

4-Chloro-3-methylphenol

Concen: 59.77 ng/mL

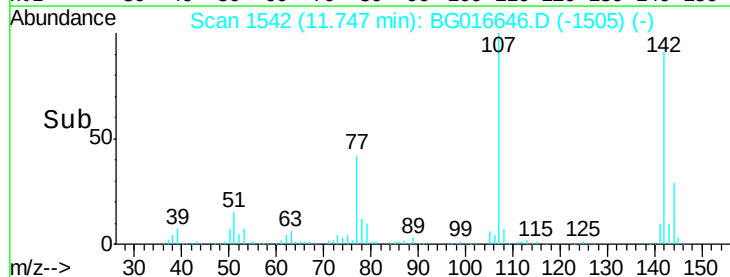
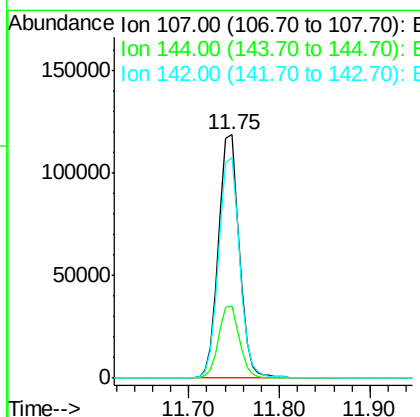
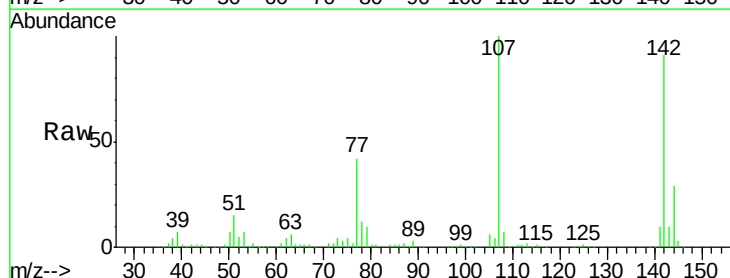
RT: 11.75 min Scan# 1542

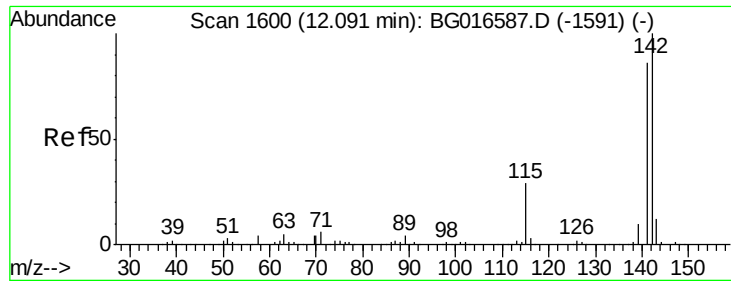
Delta R.T. 0.01 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Tgt Ion:	107	Resp:	188084
Ion Ratio	Lower	Upper	
107	100		
144	29.5	22.3	33.5
142	90.5	71.3	106.9





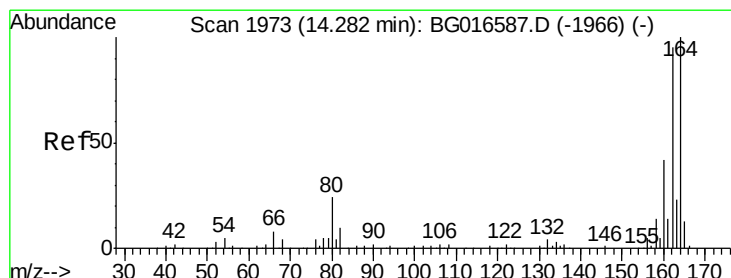
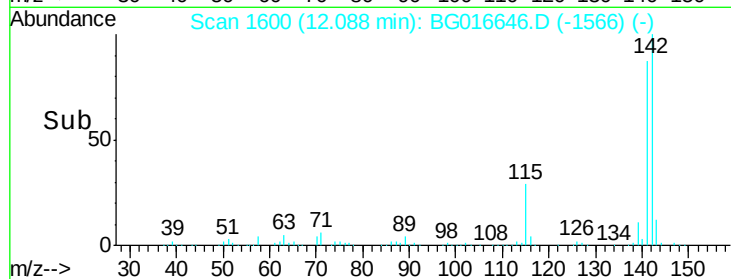
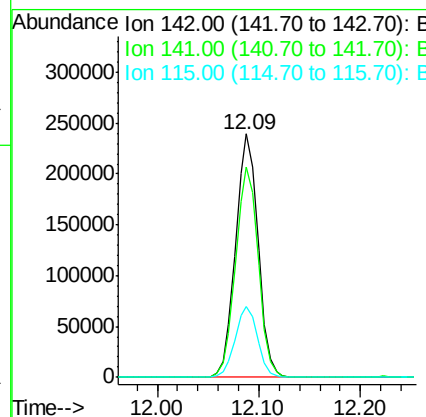
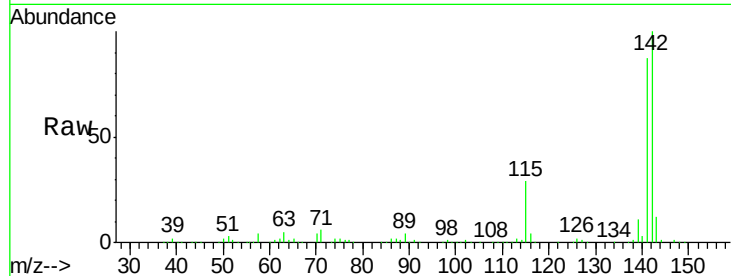
#37
2-Methylnaphthalene
Concen: 49.71 ng
RT: 12.09 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :
TEC-07MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	68.6	102.8
115	29.3	23.3	34.9

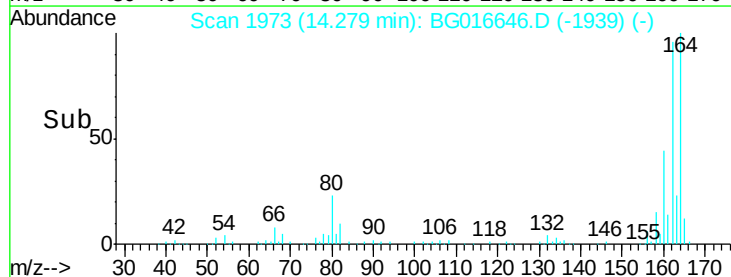
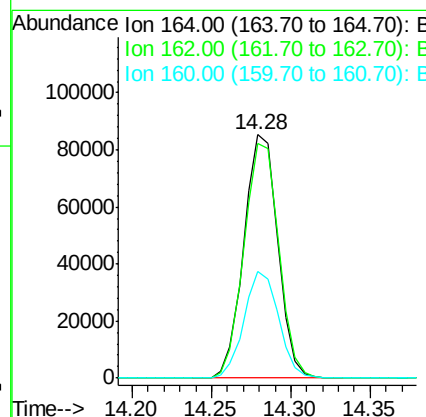
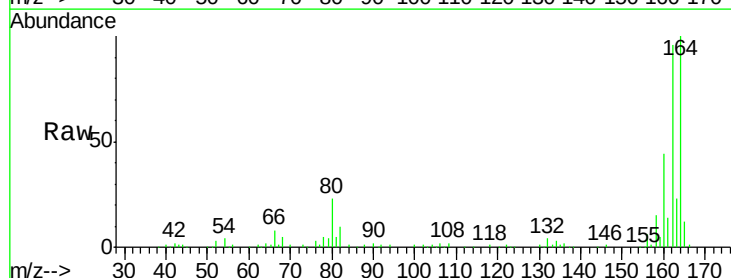
Manual Integrations
APPROVED

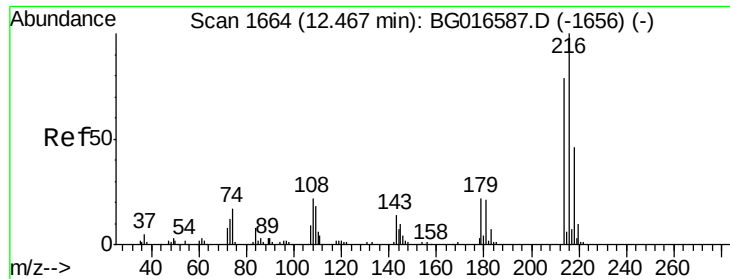
apatel
4/23/2015 4:41:17 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.3	75.8	113.6
160	43.7	33.8	50.6





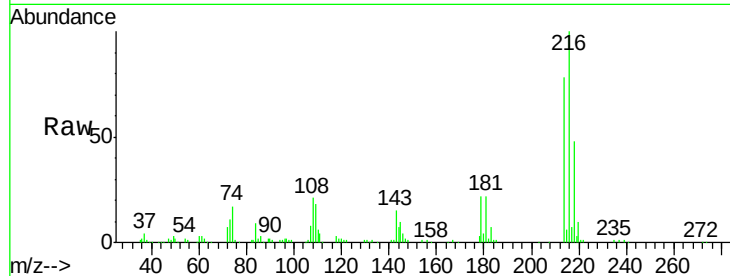
#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.40 ng
RT: 12.46 min Scan# 1664
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampled :
TEC-07MSD

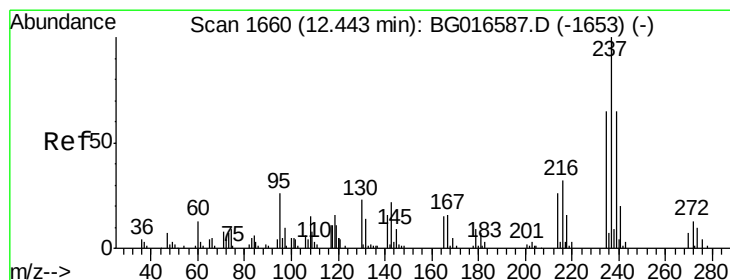
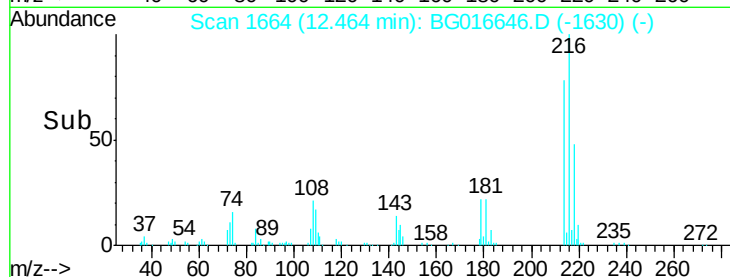
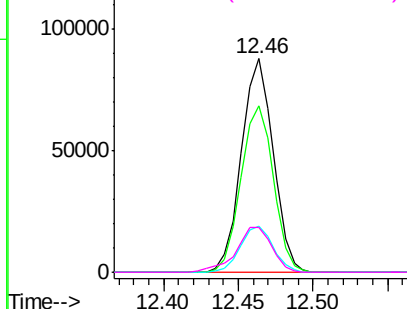
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		129249		
214	79.9	63.8	95.6		
179	22.2	18.4	27.6		
108	23.9	19.4	29.0		

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 PM

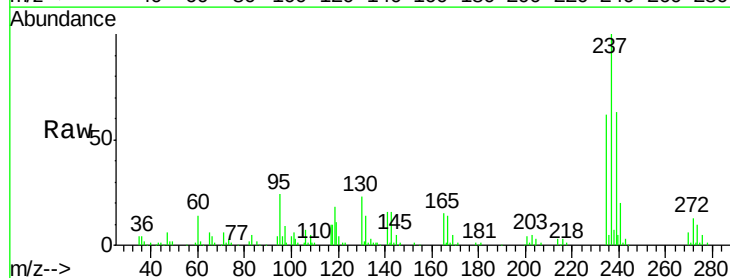


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

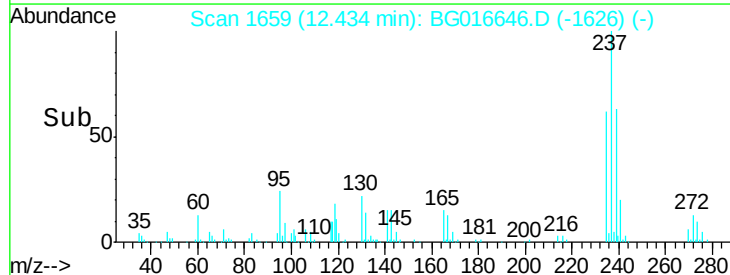
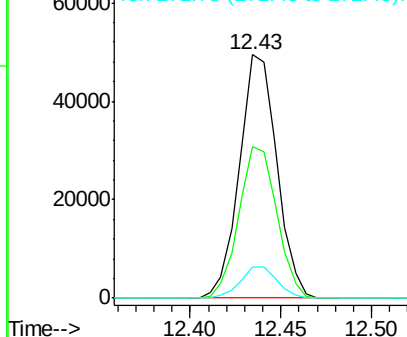


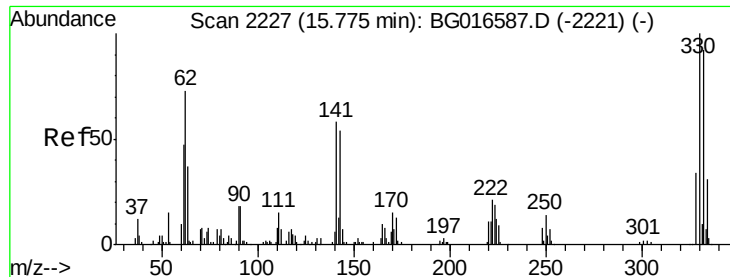
#40
Hexachlorocyclopentadiene
Concen: 63.47 ng
RT: 12.43 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		70987		
235	62.1	44.7	84.7		
272	12.6	0.0	32.6		



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





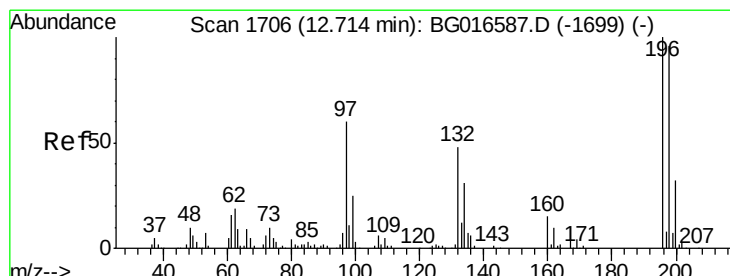
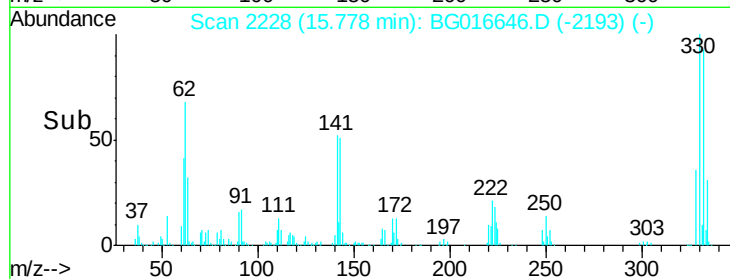
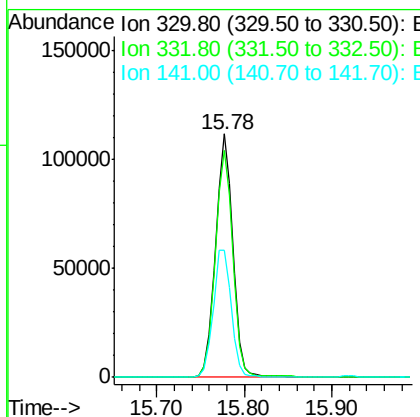
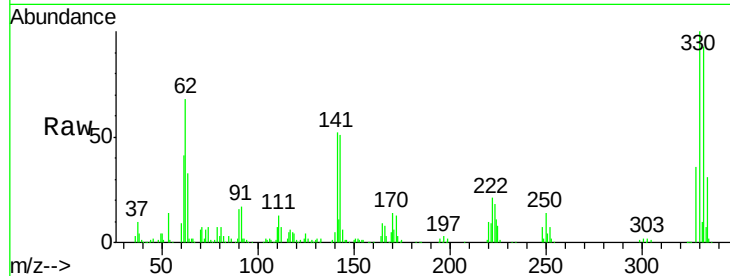
#41
 2,4,6-Tribromophenol
 Concen: 180.22 ng
 RT: 15.78 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Instrument :
 BNA_G
 ClientSampleId :
 TEC-07MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	154876		
332	94.1	76.6	114.8	
141	54.8	45.9	68.9	

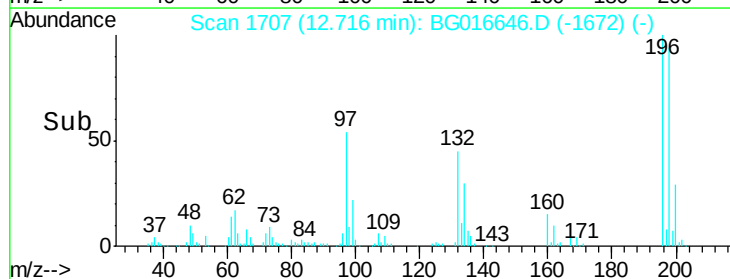
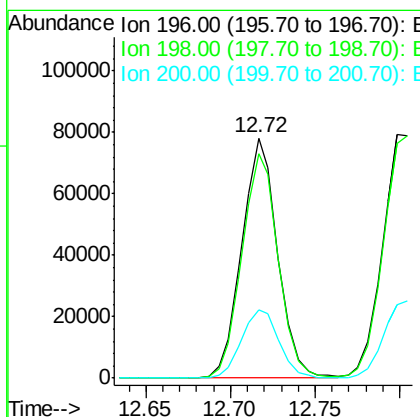
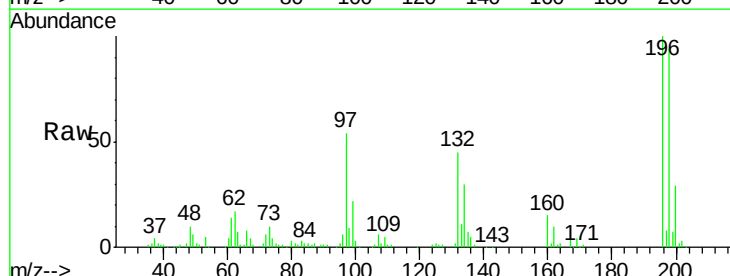
Manual Integrations
 APPROVED

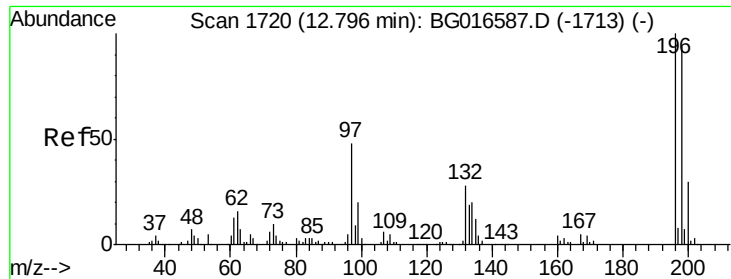
apatel
 4/23/2015 4:41:17 PM



#42
 2,4,6-Trichlorophenol
 Concen: 55.86 ng
 RT: 12.72 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	115134		
198	93.7	76.6	114.8	
200	28.6	25.8	38.6	





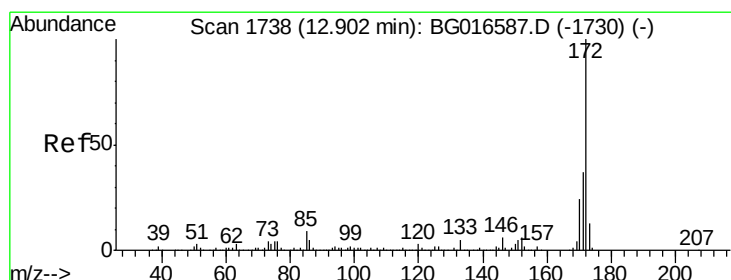
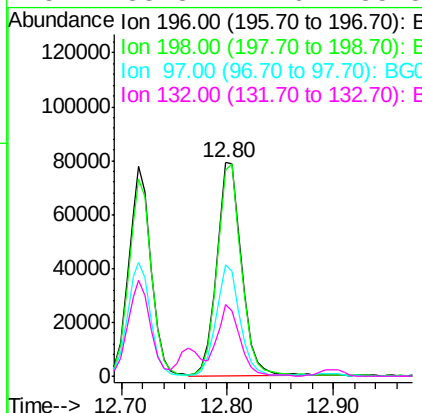
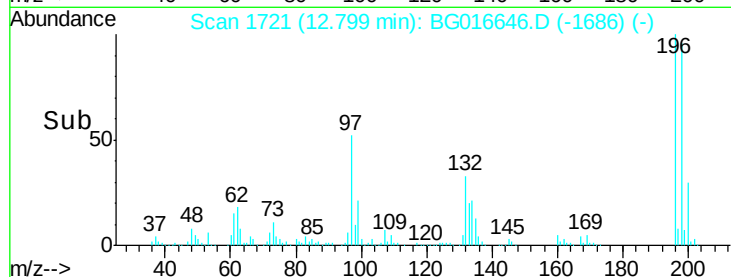
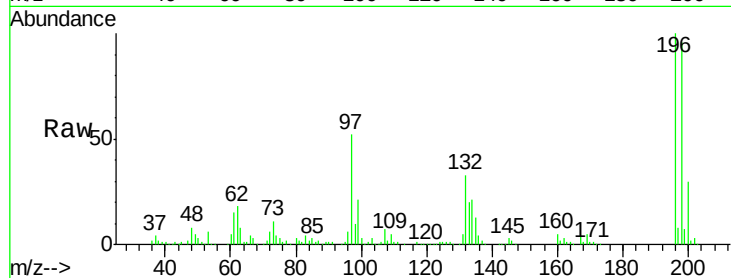
#43
 2,4,5-Trichlorophenol
 Concen: 59.45 ng
 RT: 12.80 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Instrument :
 BNA_G
 ClientSampleId :
 TEC-07MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		130655		
198	96.4	75.4	113.2		
97	52.1	38.9	58.3		
132	33.3	22.6	33.8		

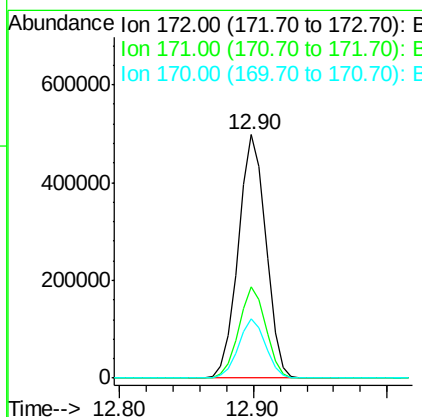
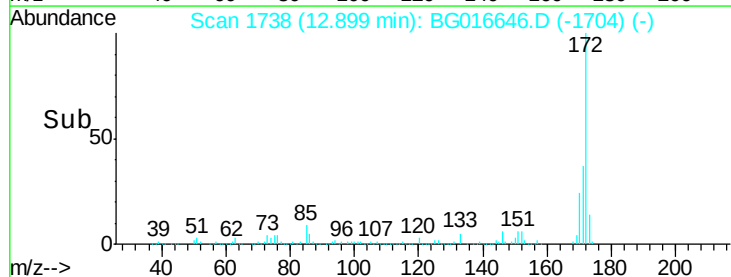
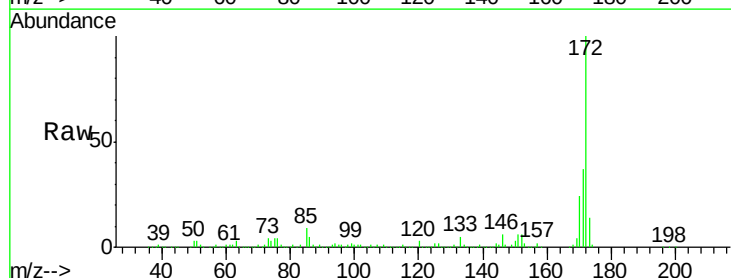
Manual Integrations
 APPROVED

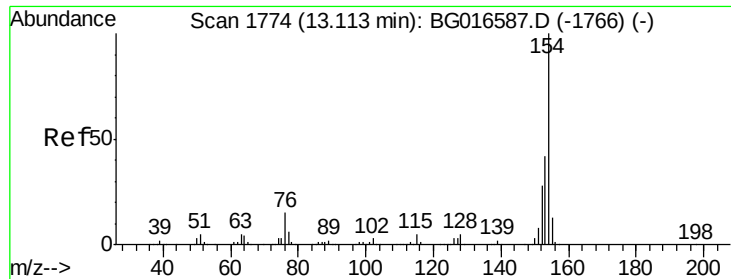
apatel
 4/23/2015 4:41:17 PM



#44
 2-Fluorobiphenyl
 Concen: 93.20 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		712067		
171	37.3	29.6	44.4		
170	24.2	19.4	29.0		





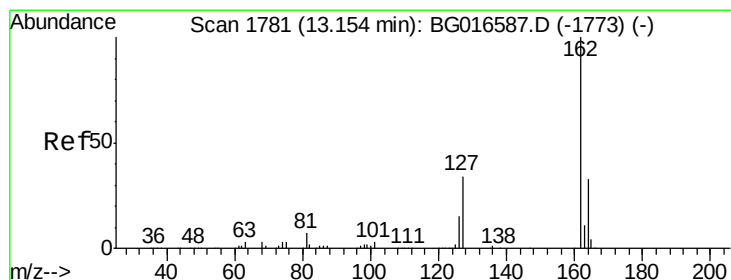
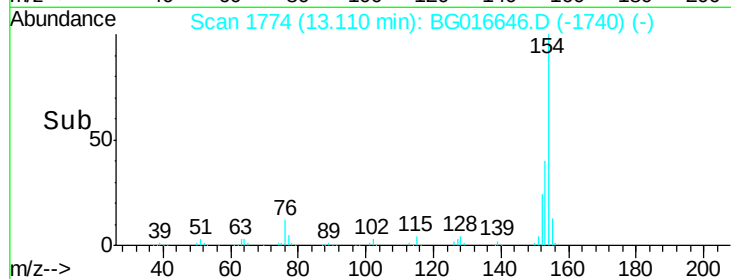
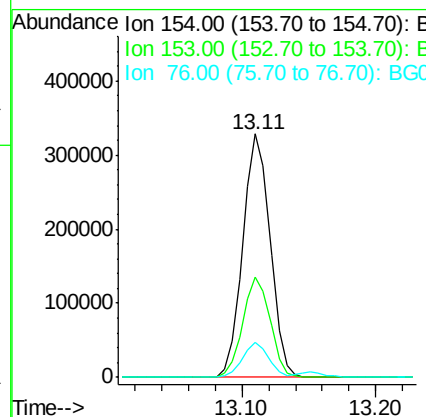
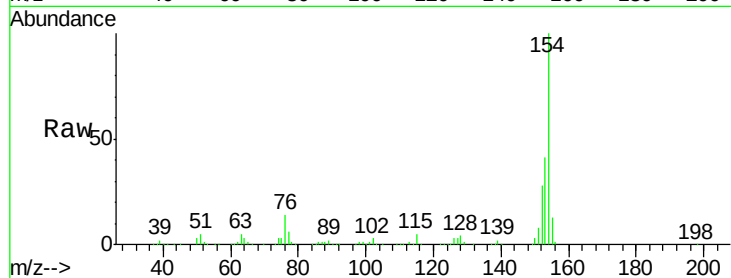
#45
 1,1'-Biphenyl
 Concen: 47.56 ng
 RT: 13.11 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Instrument :
 BNA_G
 ClientSampleId :
 TEC-07MSD

Tot Ion:	154	Resp:	463428
Ion Ratio	Lower	Upper	
154	100		
153	41.3	22.4	62.4
76	14.1	0.0	35.1

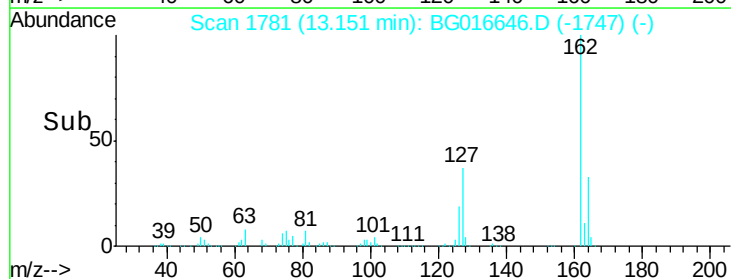
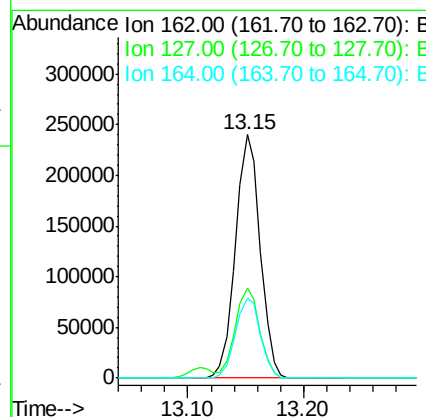
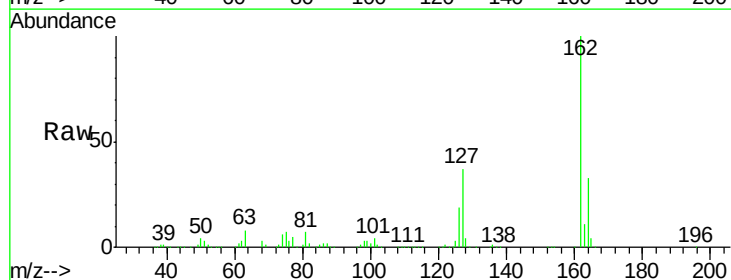
Manual Integrations
 APPROVED

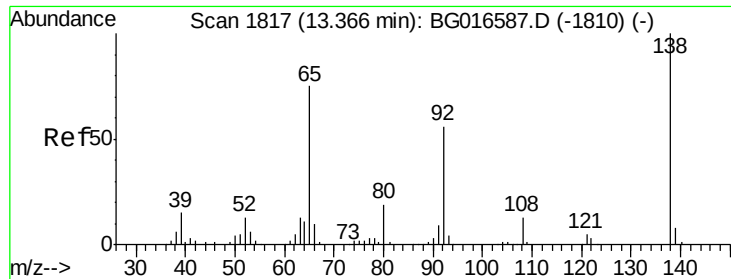
apatel
 4/23/2015 4:41:17 PM



#46
 2-Chloronaphthalene
 Concen: 47.44 ng
 RT: 13.15 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion:	162	Resp:	354013
Ion Ratio	Lower	Upper	
162	100		
127	37.0	30.3	45.5
164	32.8	26.6	39.8





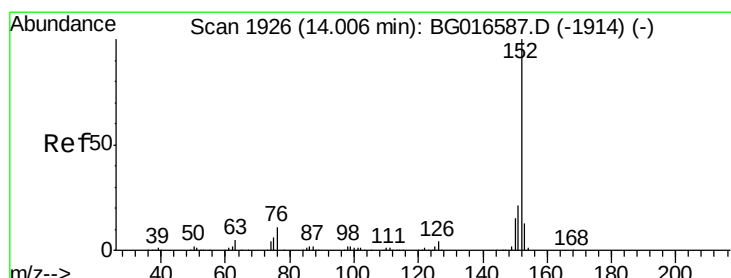
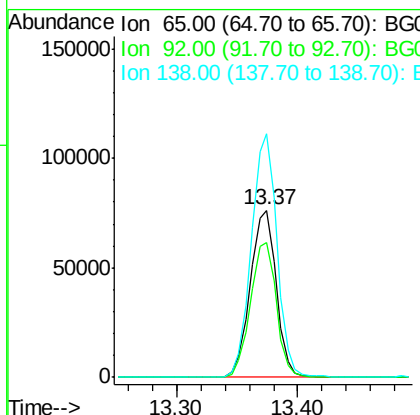
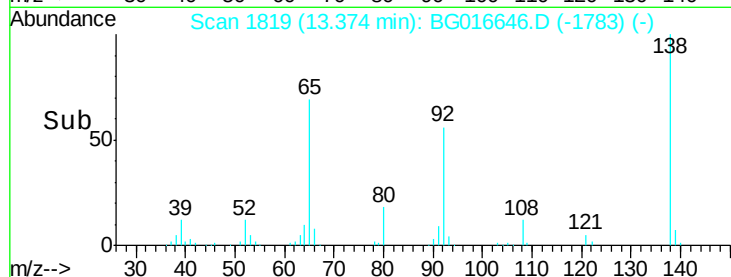
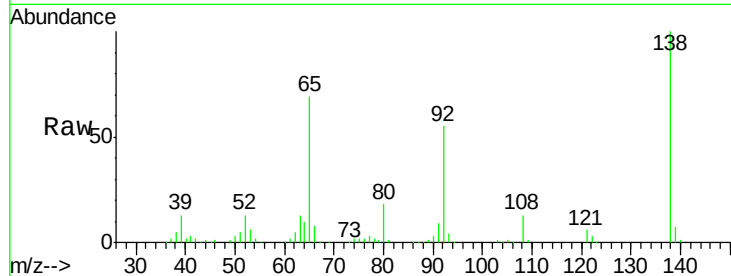
#47
2-Nitroaniline
Concen: 52.85 ng
RT: 13.37 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :
TEC-07MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	80.8	60.3	90.5
138	145.9	106.9	160.3

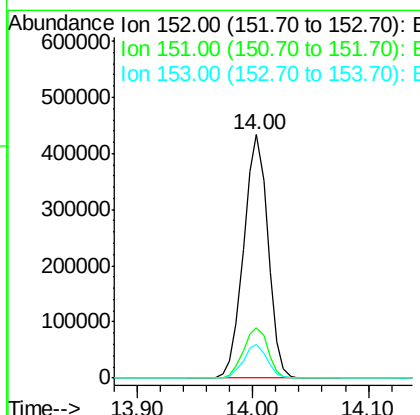
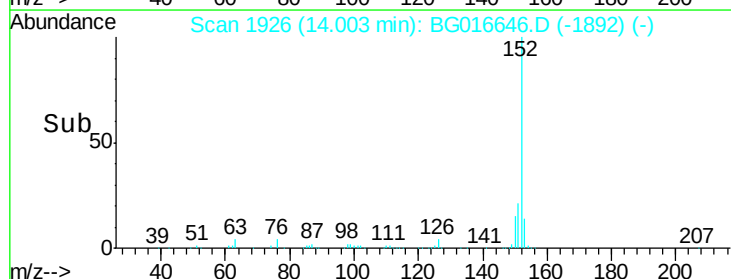
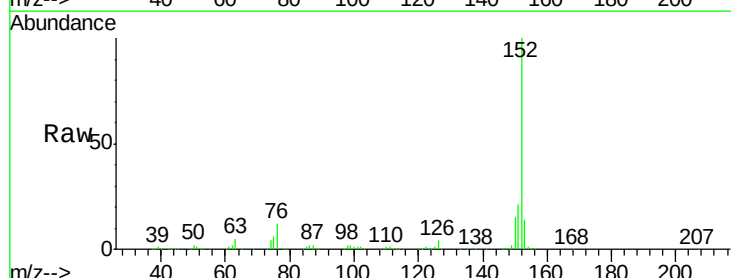
Manual Integrations
APPROVED

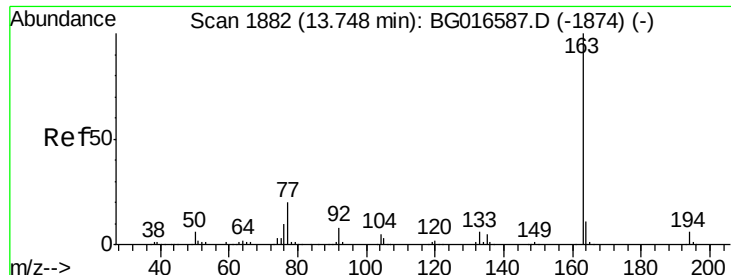
apatel
4/23/2015 4:41:17 PM



#48
Acenaphthylene
Concen: 47.76 ng
RT: 14.00 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0
153	13.6	10.4	15.6





#49

Dimethylphthalate

Concen: 49.48 ng

RT: 13.75 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

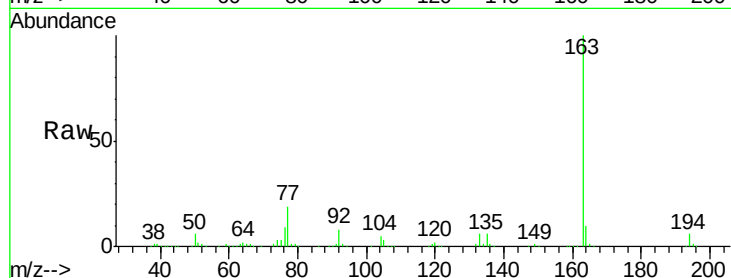
ClientSampleId :

TEC-07MSD

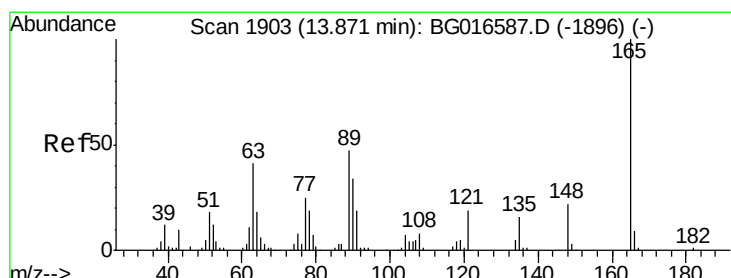
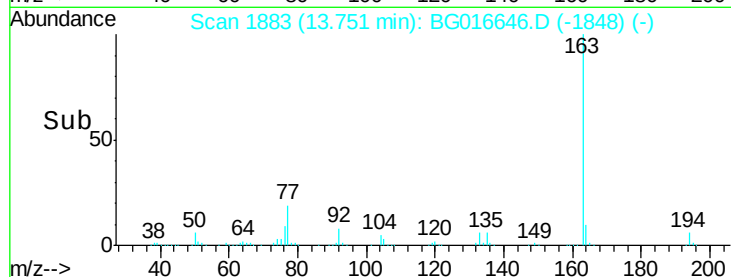
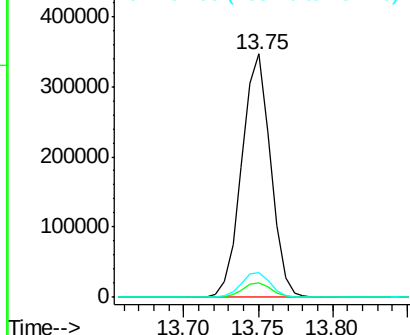
Tot Ion:	163	Resp:	462931
Ion Ratio	Lower	Upper	
163	100		
194	6.1	4.9	7.3
164	10.0	8.6	12.8

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 PM



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.06 ng

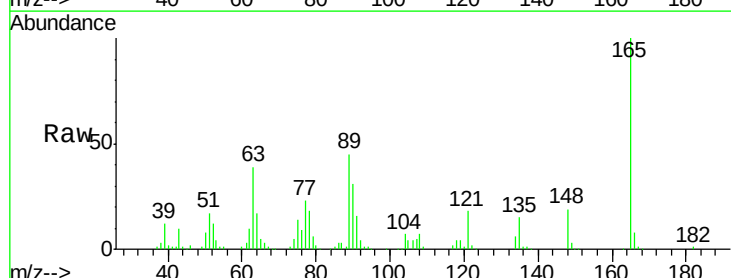
RT: 13.87 min Scan# 1904

Delta R.T. 0.00 min

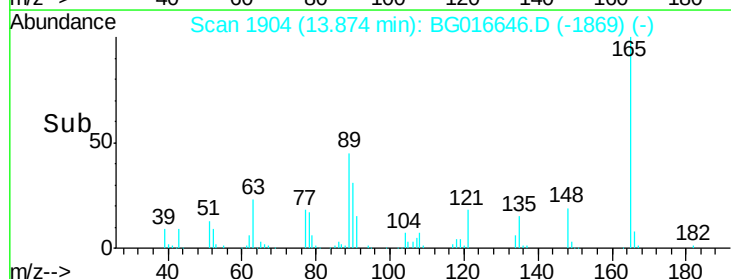
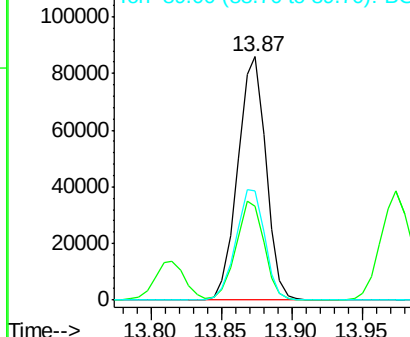
Lab File: BG016646.D

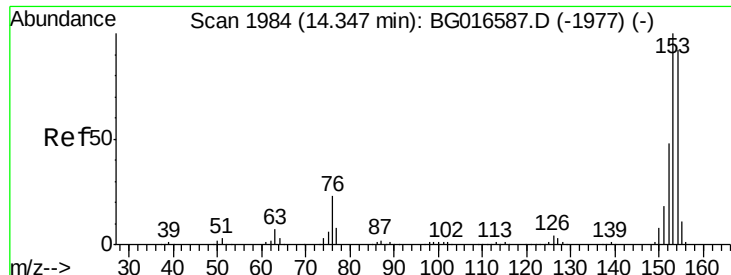
Acq: 23 Apr 2015 8:59

Tgt Ion:	165	Resp:	119621
Ion Ratio	Lower	Upper	
165	100		
63	38.5	33.8	50.8
89	45.0	37.8	56.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG016646.D (-1869) (-)
Ion 89.00 (88.70 to 89.70): BG016646.D (-1869) (-)





#51

Acenaphthene

Concen: 48.77 ng

RT: 14.34 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

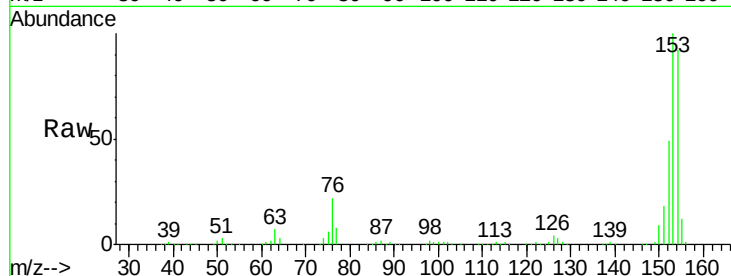
ClientSampleId :

TEC-07MSD

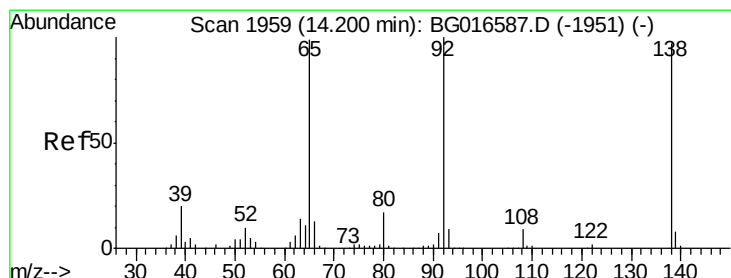
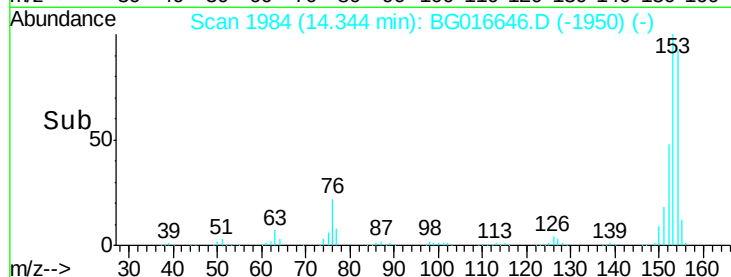
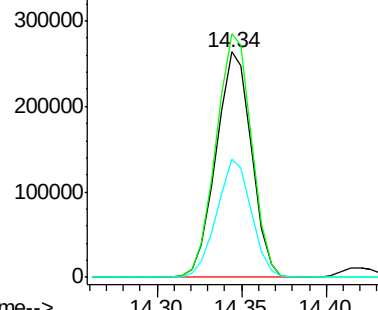
Tot Ion:	154	Resp:	385514
Ion Ratio	Lower	Upper	
154	100		
153	108.2	87.3	130.9
152	52.5	41.4	62.2

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.09 ng

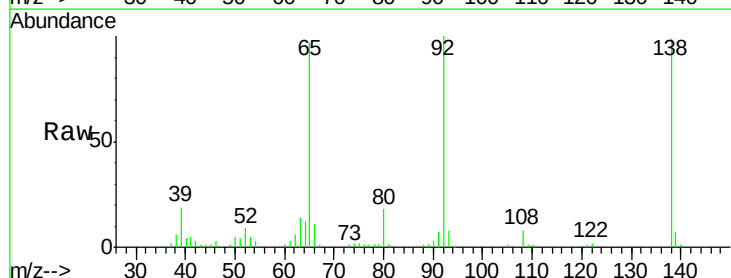
RT: 14.20 min Scan# 1960

Delta R.T. 0.00 min

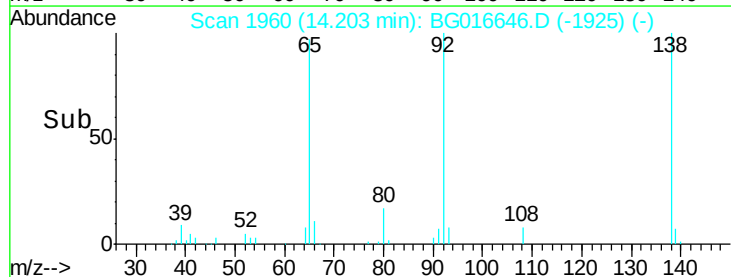
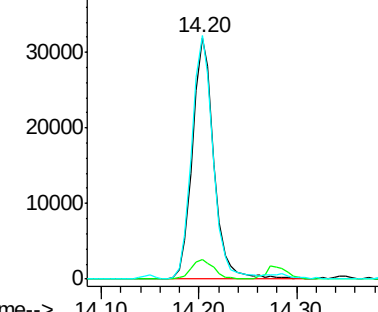
Lab File: BG016646.D

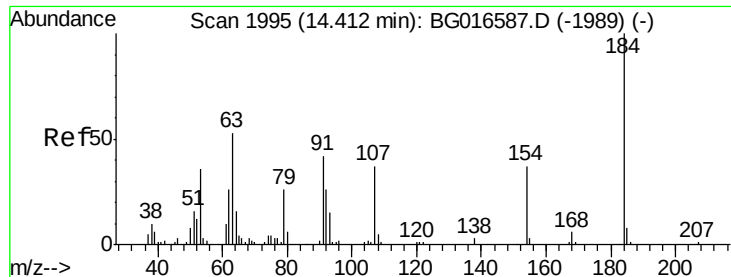
Acq: 23 Apr 2015 8:59

Tgt Ion:	138	Resp:	48488
Ion Ratio	Lower	Upper	
138	100		
108	8.2	7.8	11.6
92	100.9	82.2	123.2



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





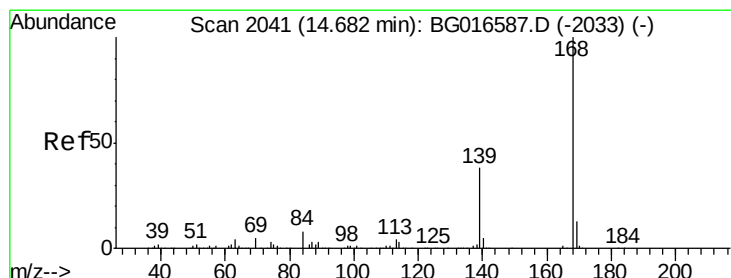
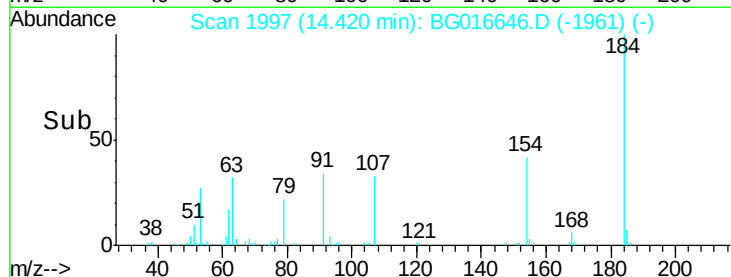
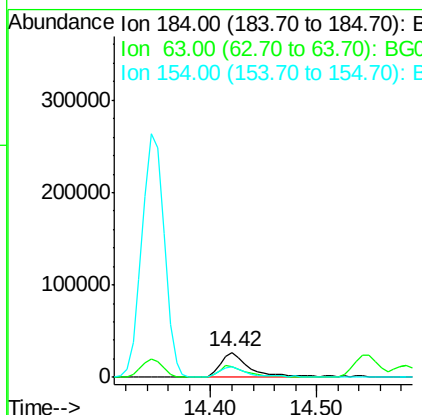
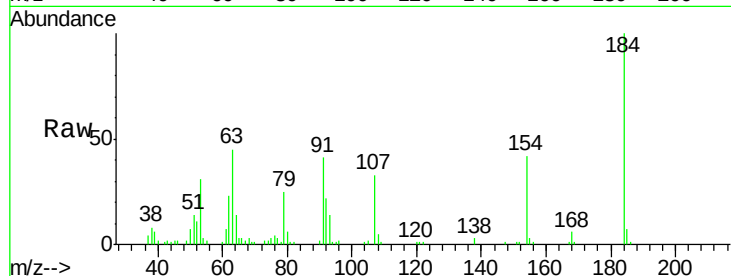
#53
 2,4-Dinitrophenol
 Concen: 52.21 ng
 RT: 14.42 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Instrument :
 BNA_G
 ClientSampleId :
 TEC-07MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	52181		
63	44.7	42.6	64.0	
154	42.3	33.4	50.0	

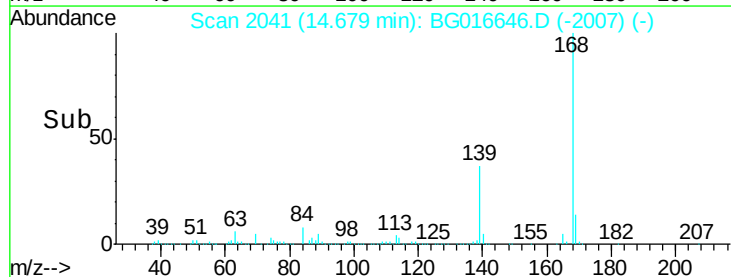
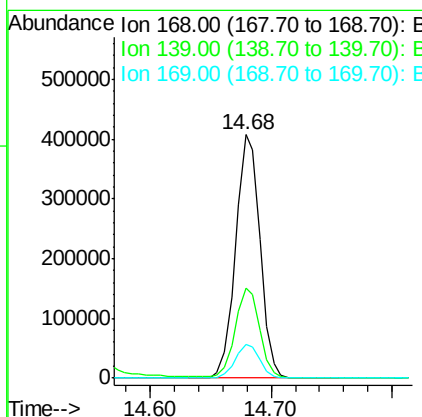
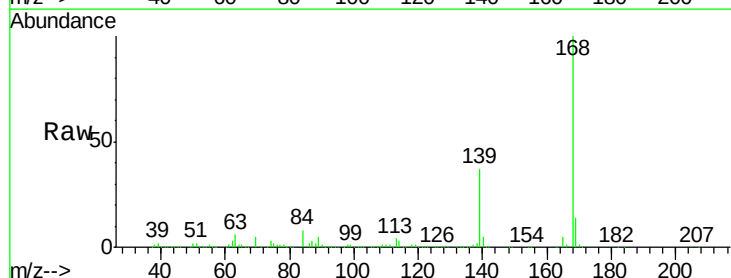
Manual Integrations
 APPROVED

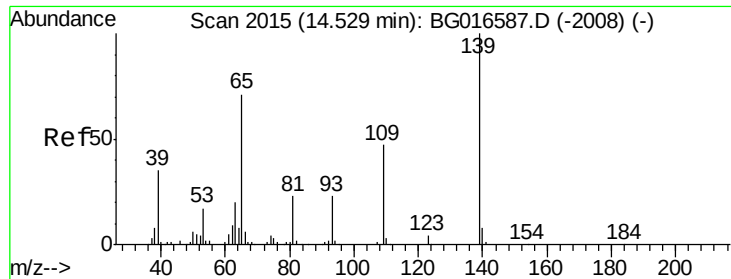
apatel
 4/23/2015 4:41:17 PM



#54
 Dibenzofuran
 Concen: 51.25 ng
 RT: 14.68 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	570425		
139	36.9	30.2	45.2	
169	13.7	10.8	16.2	





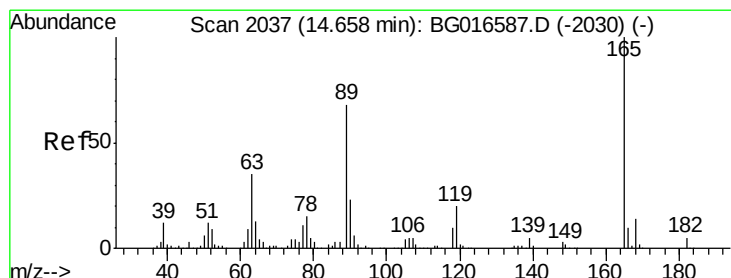
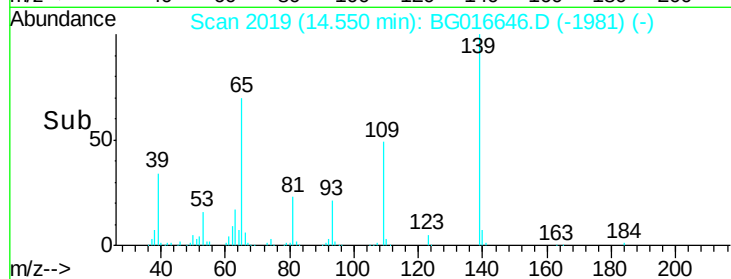
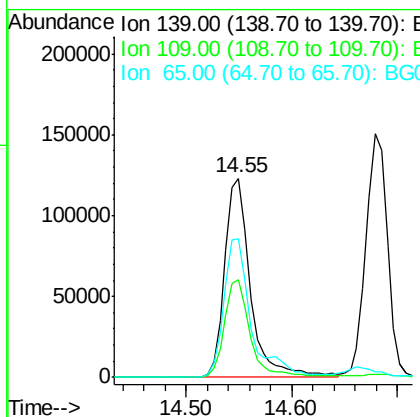
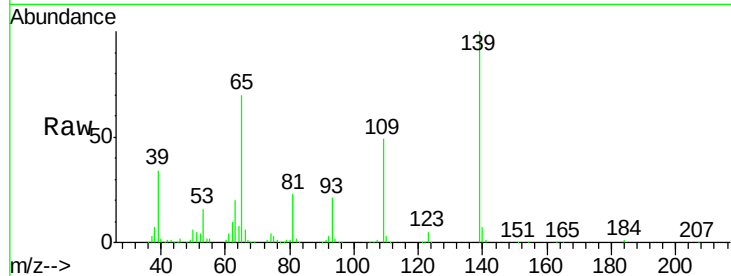
#55
4-Nitrophenol
Concen: 97.50 ng
RT: 14.55 min Scan# 2019
Delta R.T. 0.02 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :
TEC-07MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	209416		
109	49.0	27.5	67.5	
65	69.6	50.7	90.7	

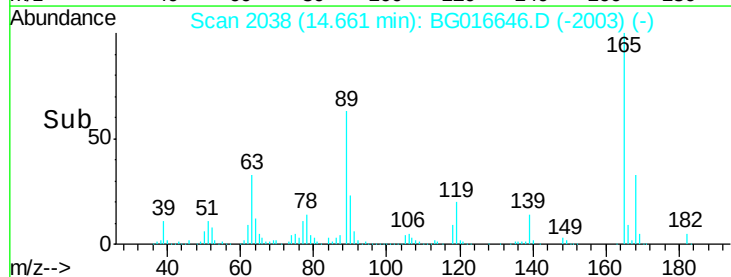
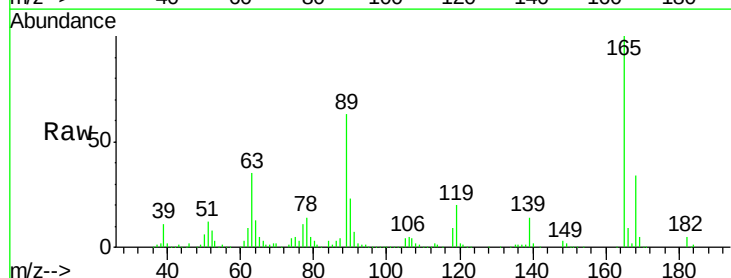
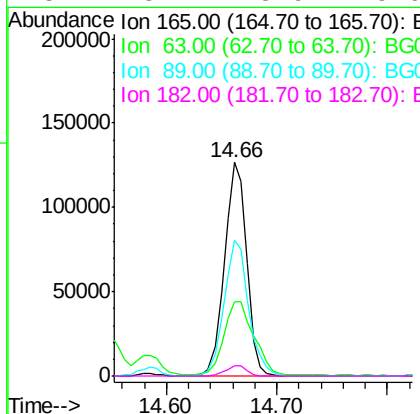
Manual Integrations
APPROVED

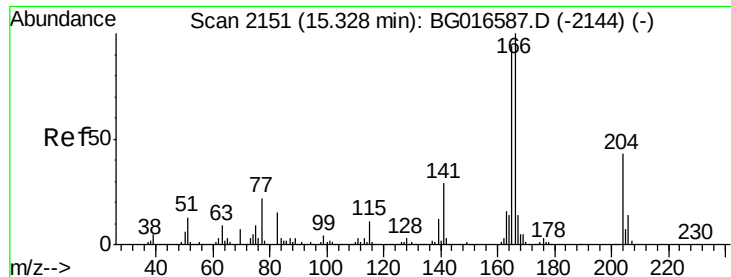
apatel
4/23/2015 4:41:17 PM



#56
2,4-Dinitrotoluene
Concen: 56.00 ng
RT: 14.66 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	177073		
63	34.8	28.2	42.4	
89	63.3	54.1	81.1	
182	5.1	3.9	5.9	





#57

Fluorene

Concen: 51.73 ng

RT: 15.33 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampleId :

TEC-07MSD

Tot Ion:166 Resp: 507338

Ion Ratio Lower Upper

166 100

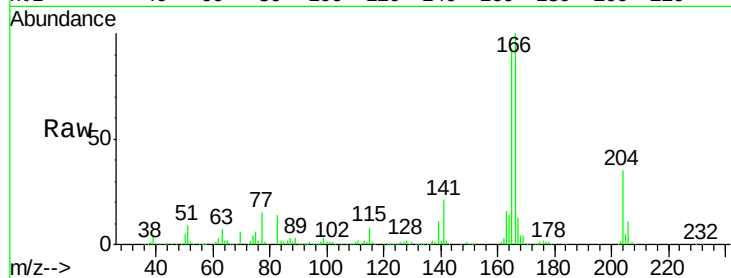
165 93.5 75.4 113.0

167 13.4 11.2 16.8

Manual Integrations
APPROVED

apatel

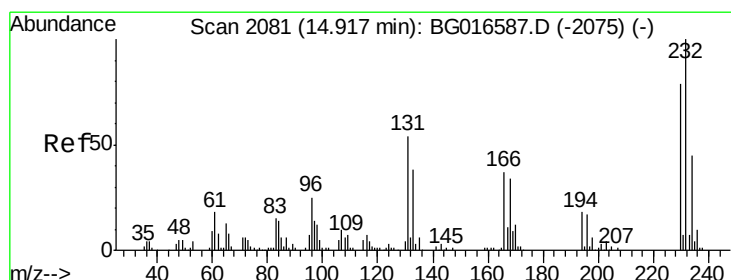
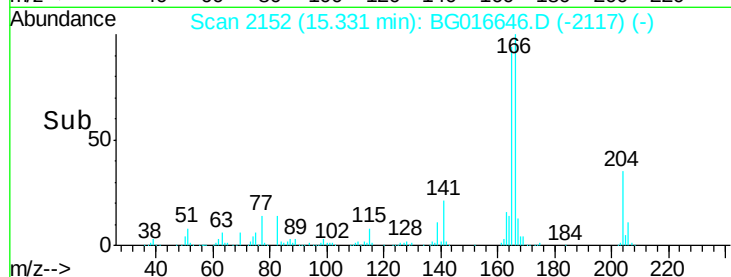
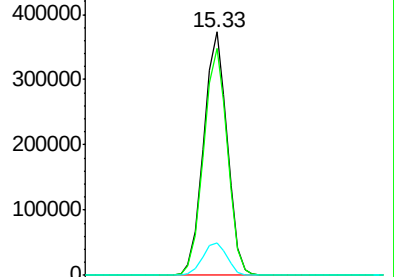
4/23/2015 4:41:17 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 60.02 ng

RT: 14.92 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Tgt Ion:232 Resp: 99533

Ion Ratio Lower Upper

232 100

131 54.9 44.0 66.0

130 3.0 2.3 3.5

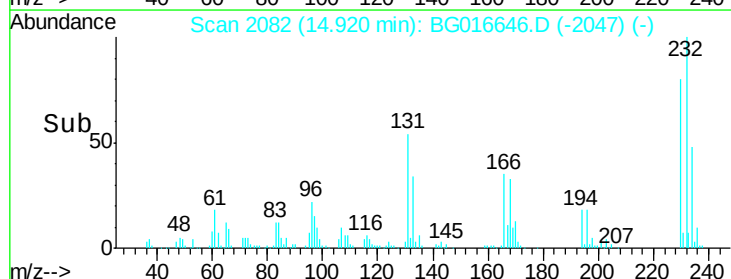
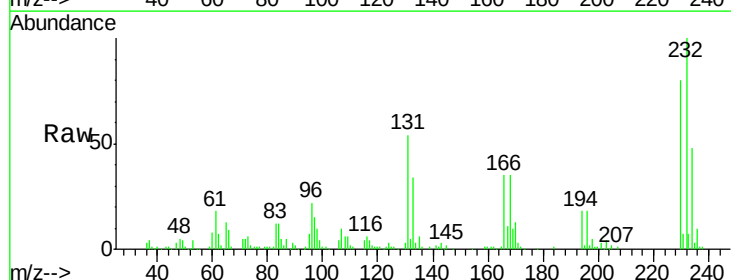
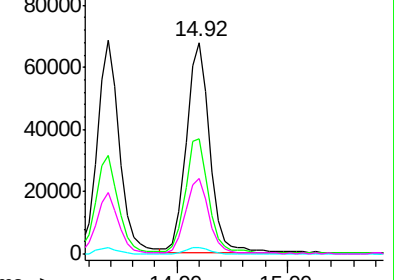
166 35.6 29.4 44.2

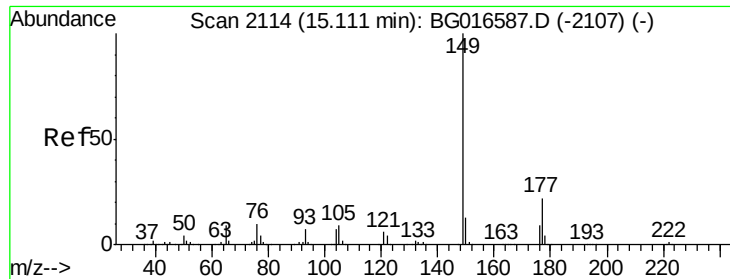
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





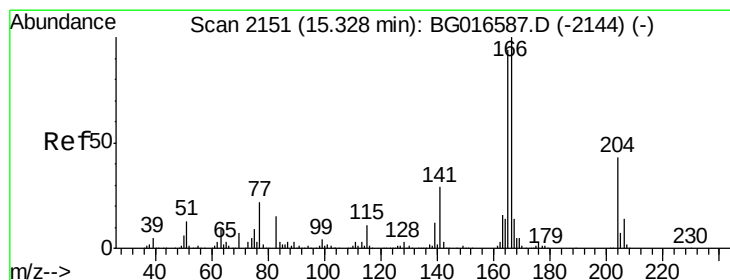
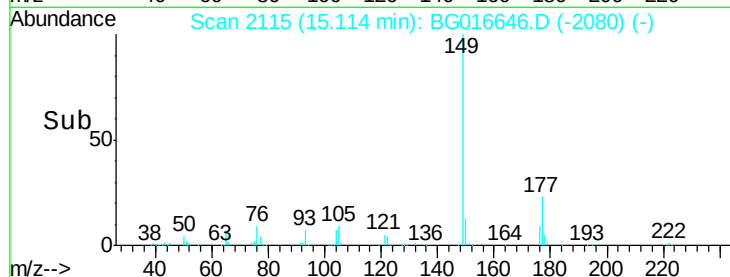
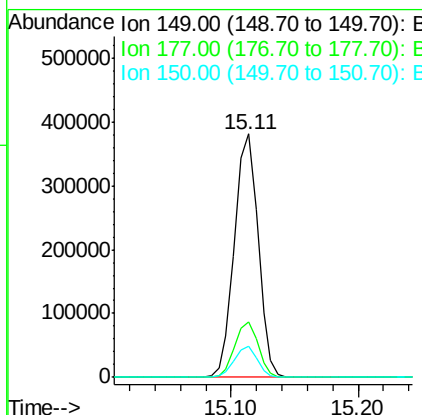
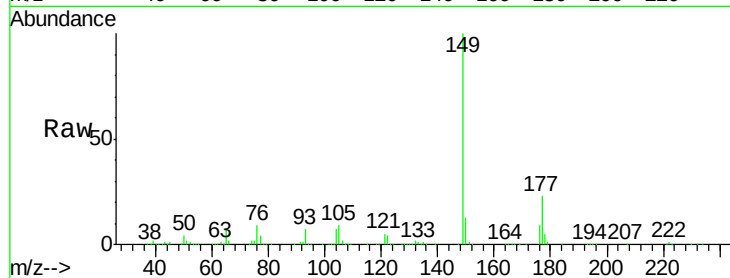
#59
Diethylphthalate
Concen: 49.34 ng
RT: 15.11 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :
TEC-07MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	491835		
177	22.5	17.6	26.4	
150	12.6	10.2	15.2	

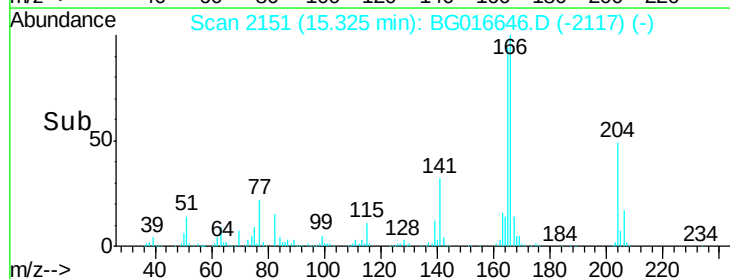
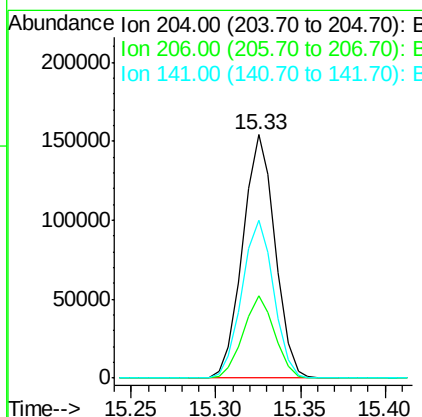
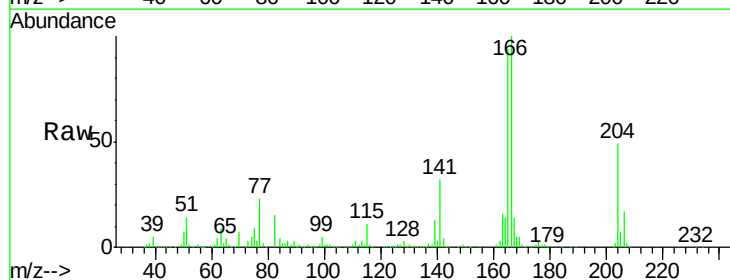
Manual Integrations
APPROVED

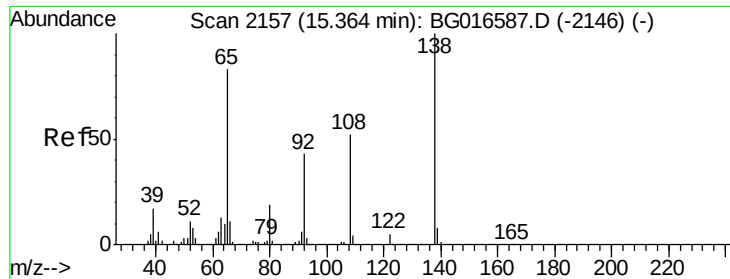
apatel
4/23/2015 4:41:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 51.00 ng
RT: 15.33 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	205352		
206	33.9	26.6	40.0	
141	64.9	53.5	80.3	





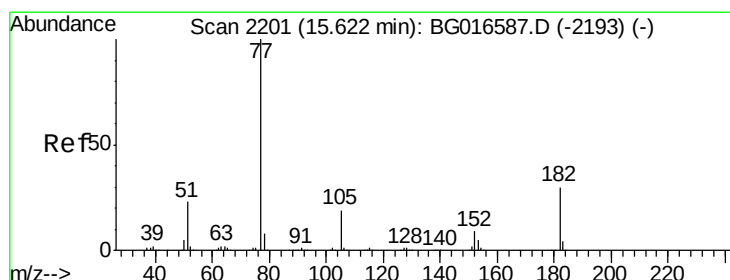
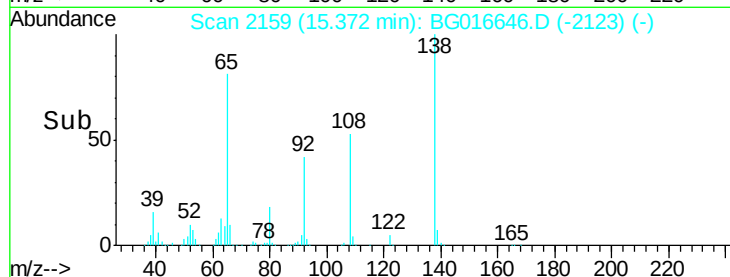
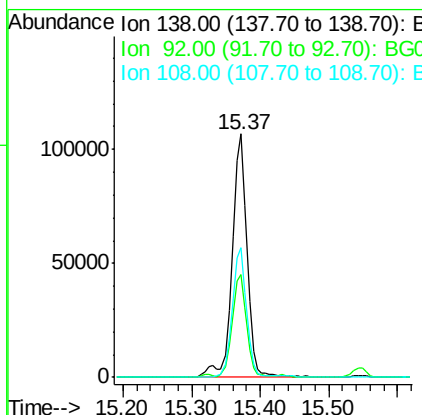
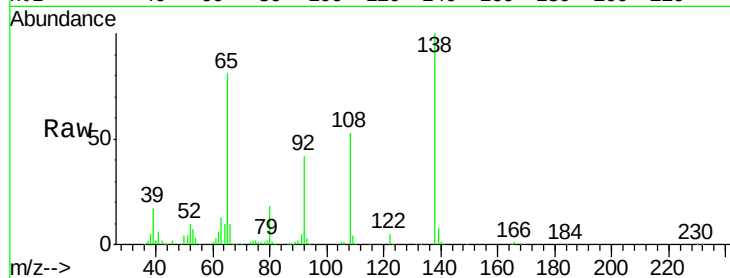
#61
4-Nitroaniline
Concen: 49.91 ng
RT: 15.37 min Scan# 2159
Delta R.T. 0.01 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :
TEC-07MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.0	23.3	63.3
108	53.0	31.8	71.8

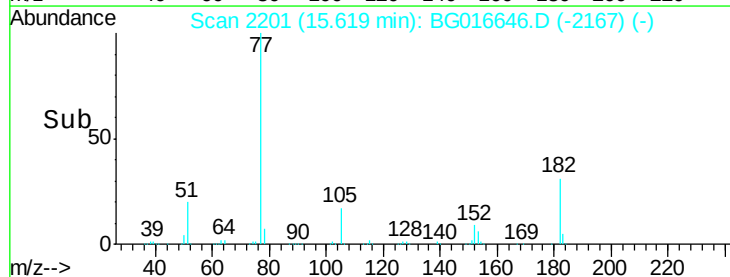
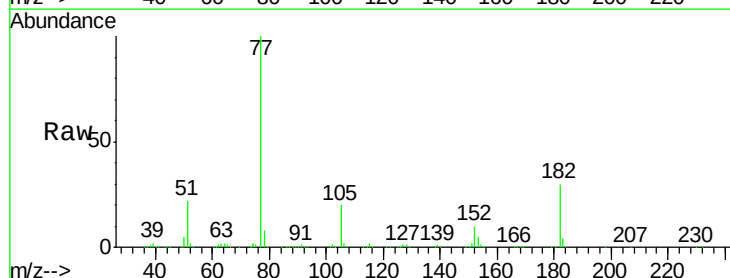
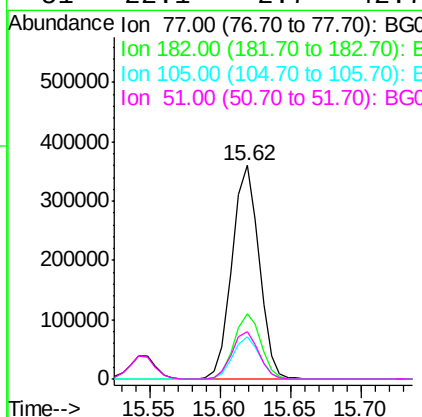
Manual Integrations
APPROVED

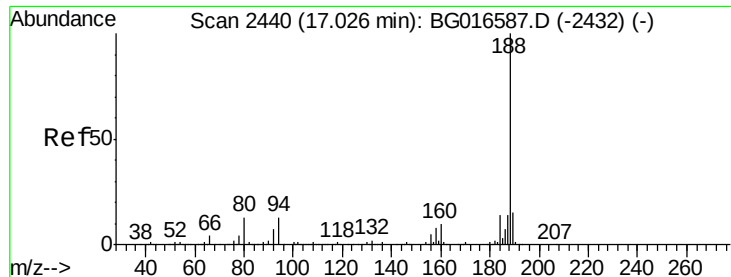
apatel
4/23/2015 4:41:17 PM



#62
Azobenzene
Concen: 51.77 ng
RT: 15.62 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.4	9.9	49.9
105	20.0	0.0	38.8
51	22.1	2.7	42.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.02 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

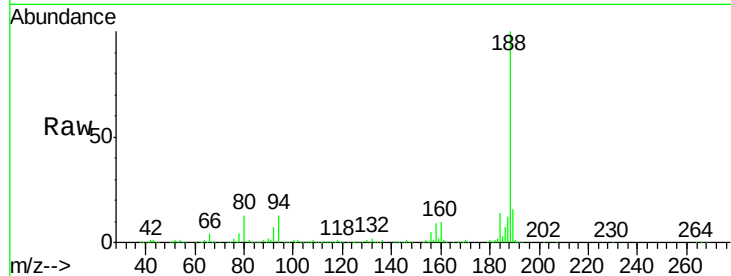
ClientSampleId :

TEC-07MSD

Tot Ion:	188	Resp:	295997
Ion Ratio		Lower	Upper
188	100		
94	13.1	10.5	15.7
80	13.3	10.6	16.0

Manual Integrations
APPROVED

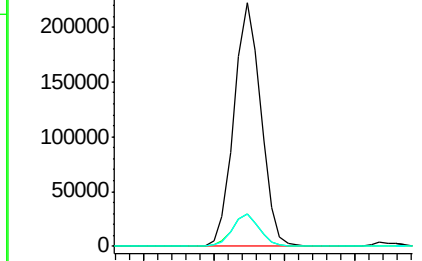
apatel
4/23/2015 4:41:17 PM



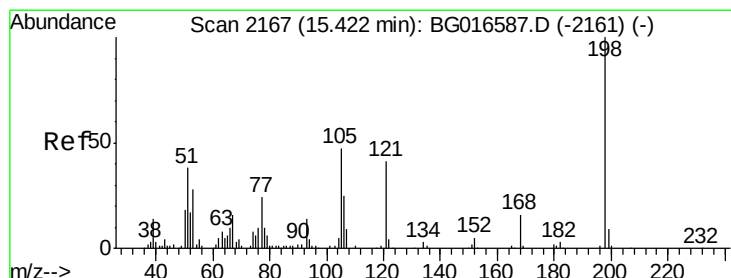
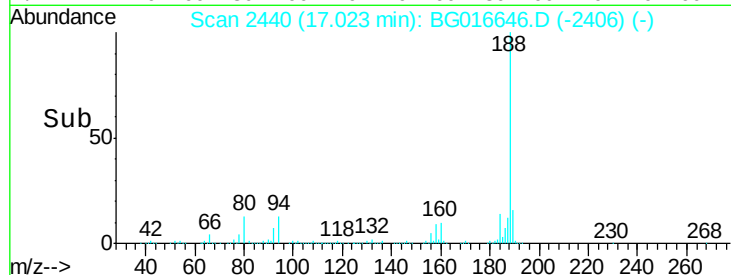
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 29.04 ng

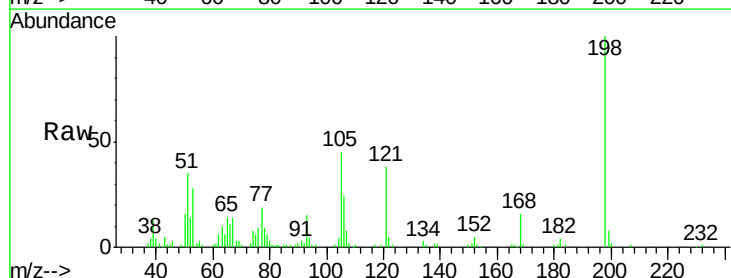
RT: 15.43 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

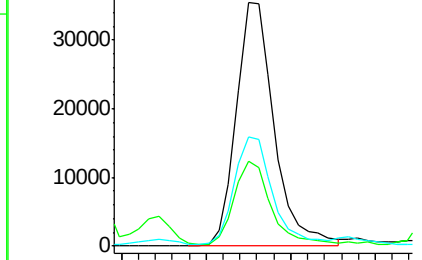
Tgt Ion:	198	Resp:	55531
Ion Ratio		Lower	Upper
198	100		
51	34.8	18.6	58.6
105	44.7	27.7	67.7



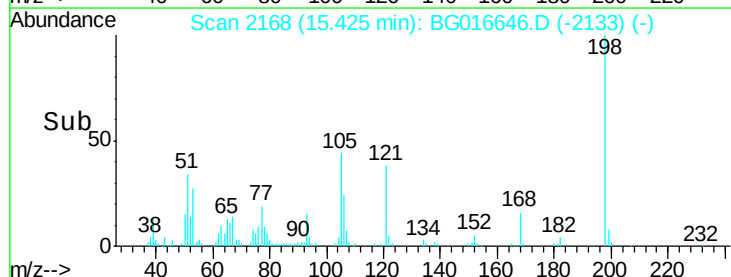
Abundance Ion 198.00 (197.70 to 198.70): E

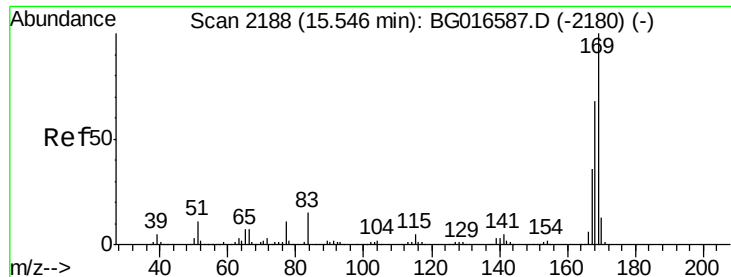
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 47.07 ng

RT: 15.55 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampleId :

TEC-07MSD

Tot Ion:169 Resp: 467069

Ion Ratio Lower Upper

169 100

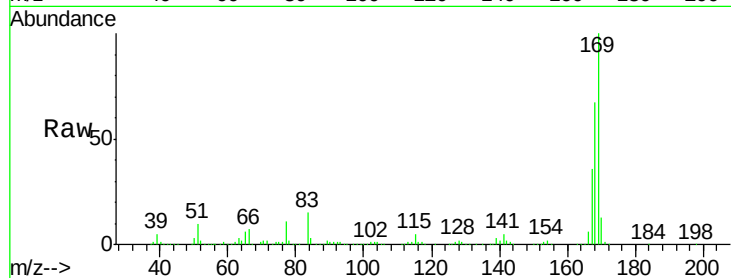
168 67.4 54.1 81.1

167 35.9 28.7 43.1

Manual Integrations
APPROVED

apatel

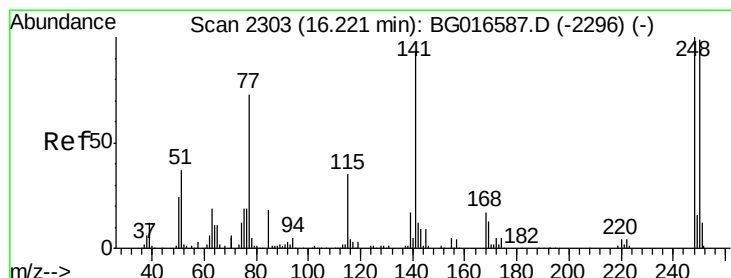
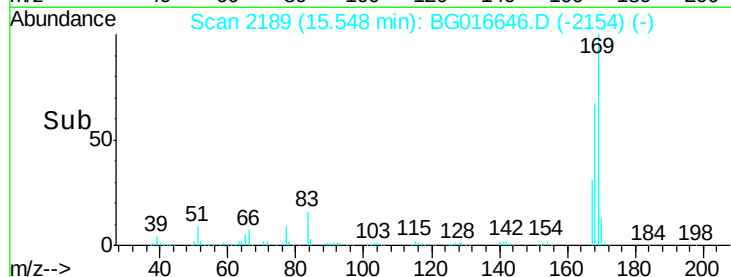
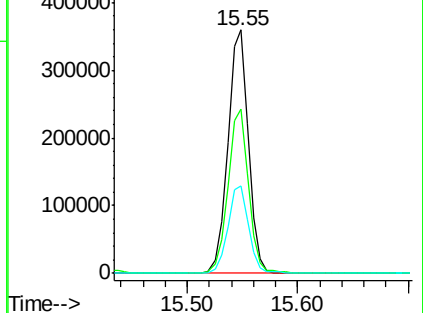
4/23/2015 4:41:17 PM



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: 49.05 ng

RT: 16.22 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

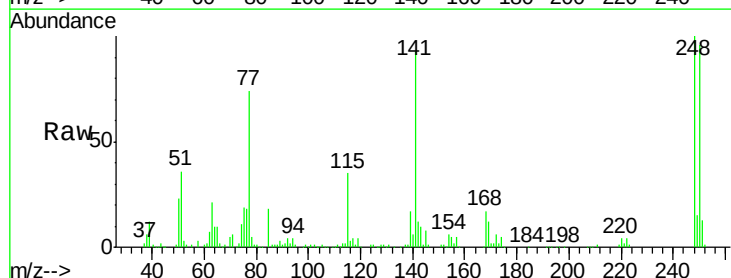
Tgt Ion:248 Resp: 114302

Ion Ratio Lower Upper

248 100

250 95.7 79.0 118.6

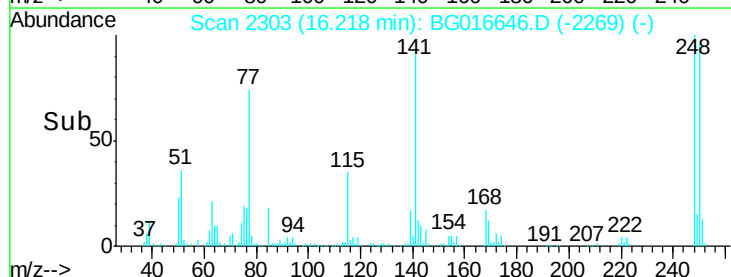
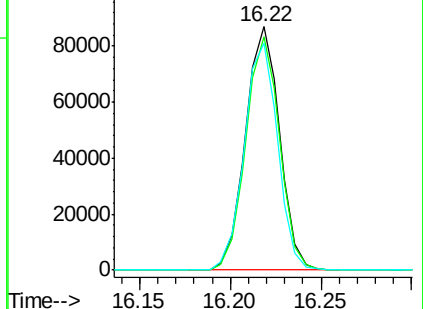
141 93.3 74.6 111.8

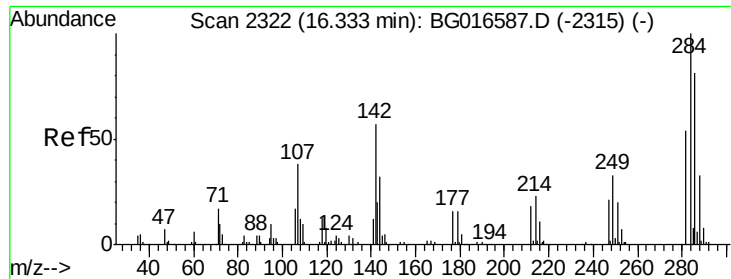


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.21 ng

RT: 16.34 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

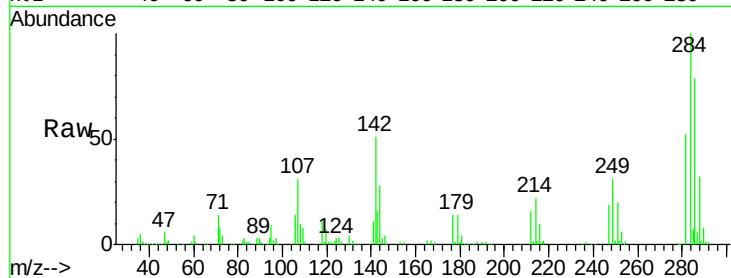
ClientSampleId :

TEC-07MSD

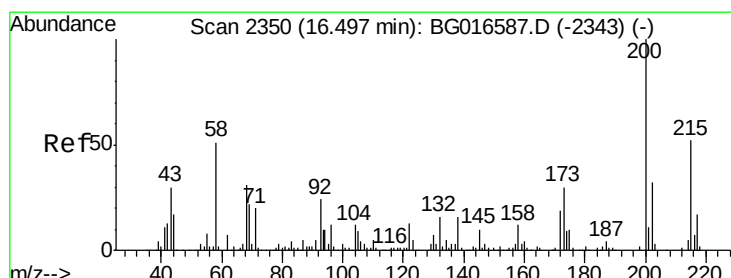
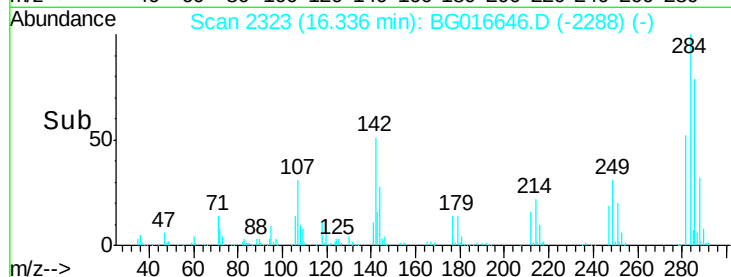
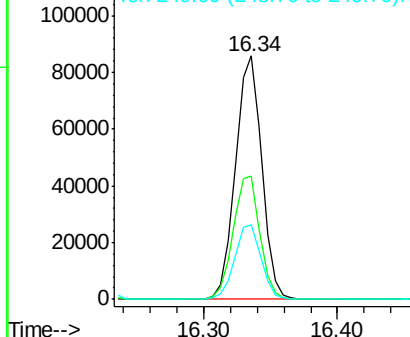
Tot Ion:	284	Resp:	117347
Ion Ratio		Lower	Upper
284	100		
142	50.7	45.6	68.4
249	30.8	26.2	39.2

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 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: 49.02 ng

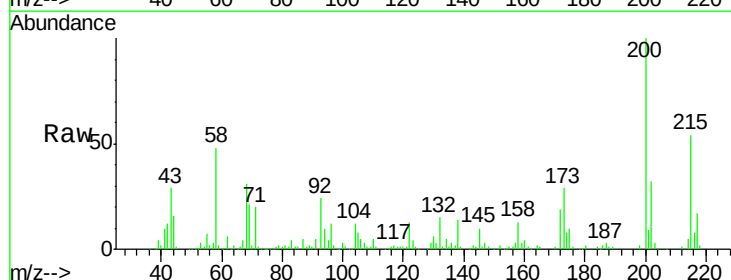
RT: 16.50 min Scan# 2351

Delta R.T. 0.00 min

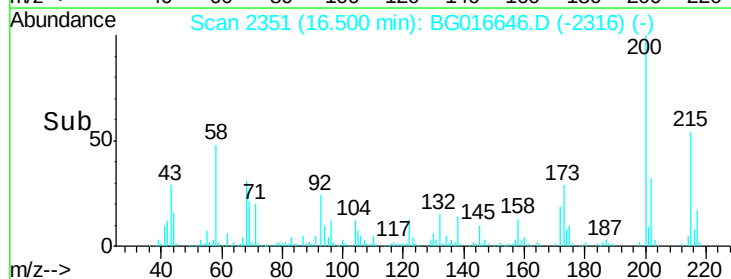
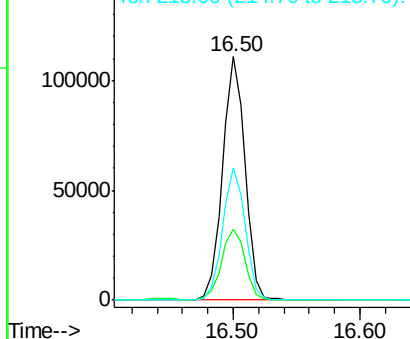
Lab File: BG016646.D

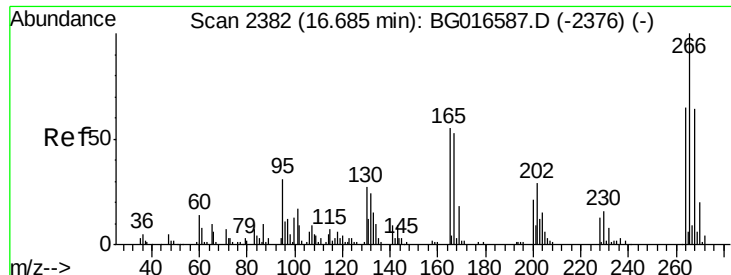
Acq: 23 Apr 2015 8:59

Tgt Ion:	200	Resp:	136022
Ion Ratio		Lower	Upper
200	100		
173	29.0	9.8	49.8
215	54.5	31.7	71.7



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





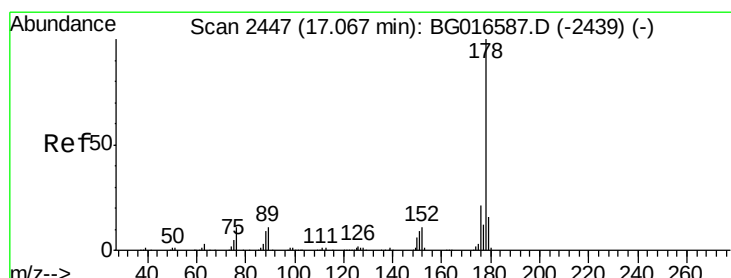
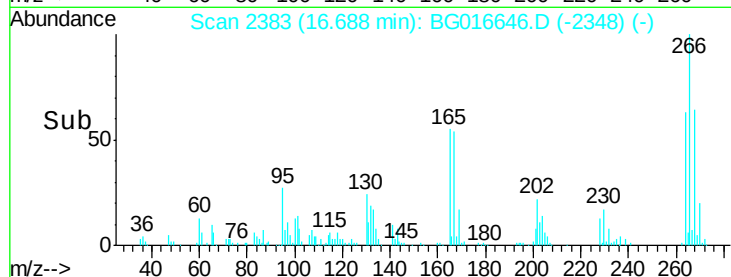
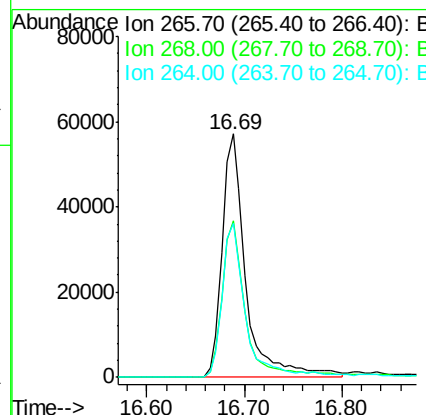
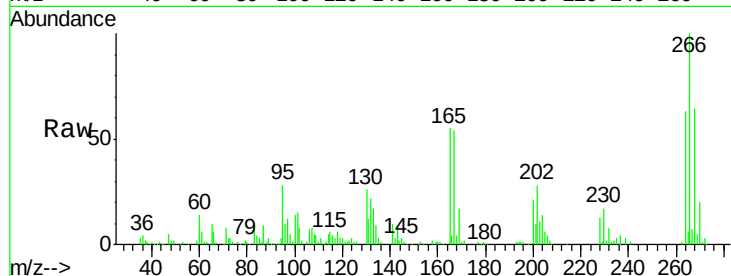
#69
 Pentachlorophenol
 Concen: 76.80 ng
 RT: 16.69 min Scan# 2383
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Instrument :
 BNA_G
 ClientSampleId :
 TEC-07MSD

Tot Ion:	266	Resp:	96459
Ion Ratio	Lower	Upper	
266	100		
268	64.3	51.3	76.9
264	63.2	52.2	78.4

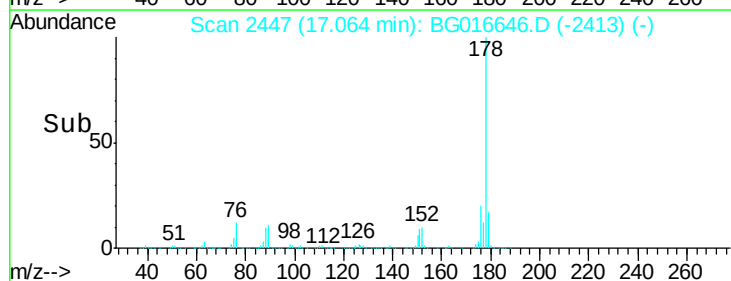
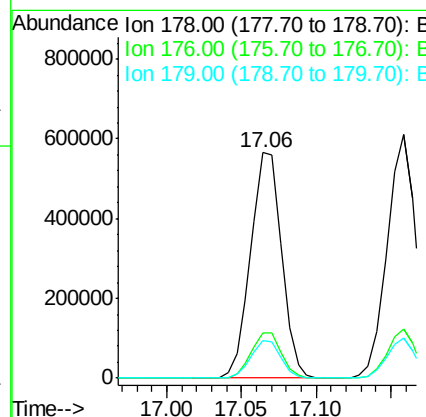
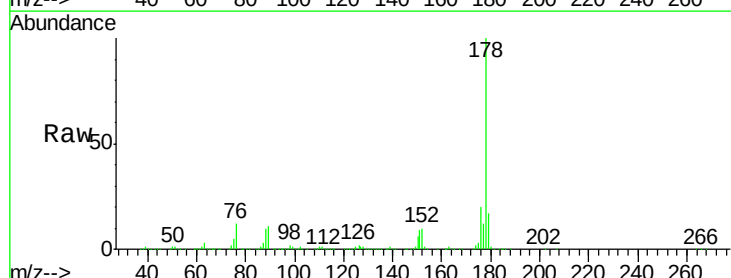
Manual Integrations
 APPROVED

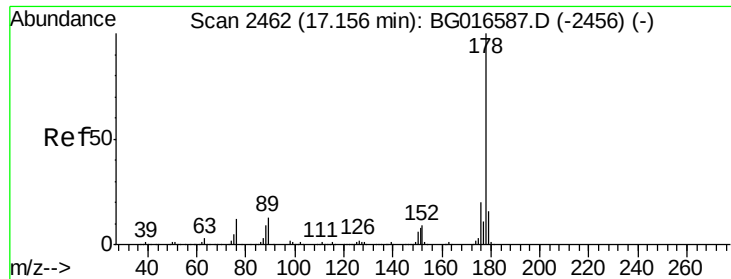
apatel
 4/23/2015 4:41:17 PM



#70
 Phenanthrene
 Concen: 48.10 ng
 RT: 17.06 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion:	178	Resp:	810438
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.6	25.0
179	16.6	12.9	19.3





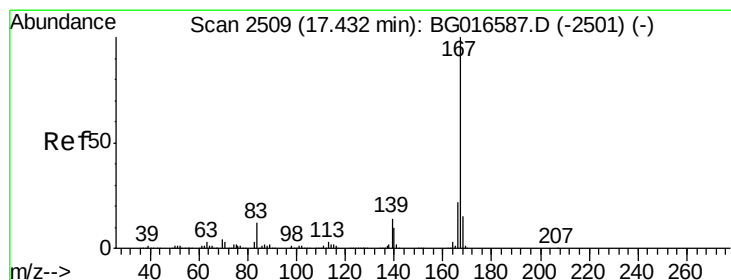
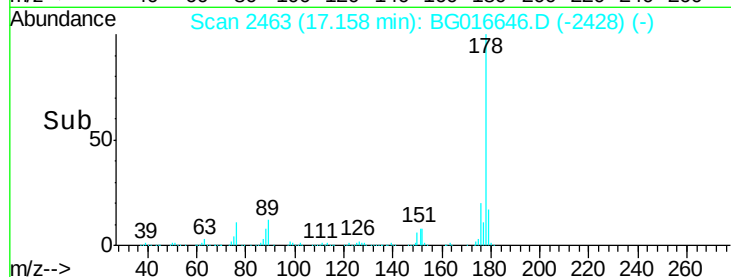
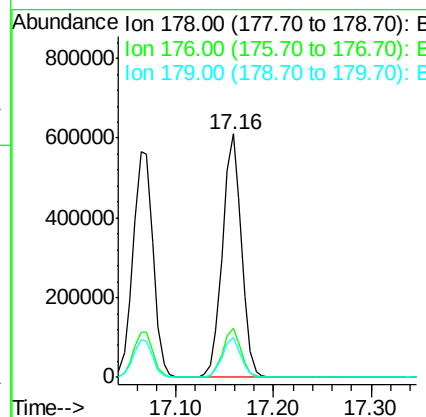
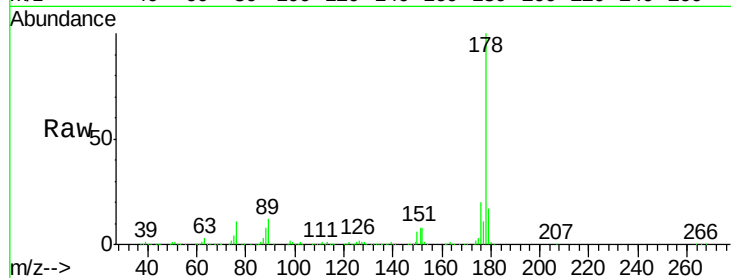
#71
 Anthracene
 Concen: 48.97 ng
 RT: 17.16 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Instrument :
 BNA_G
 ClientSampleId :
 TEC-07MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	16.7	12.8	19.2

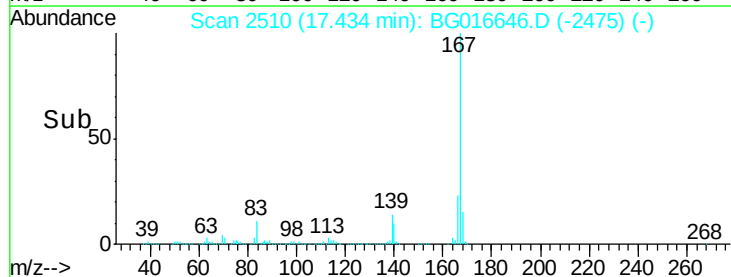
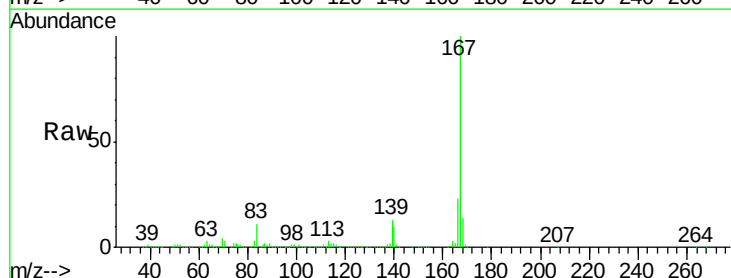
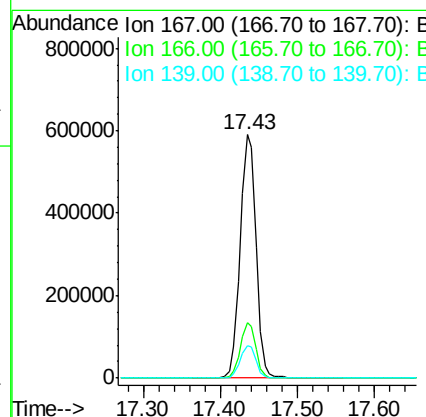
Manual Integrations
 APPROVED

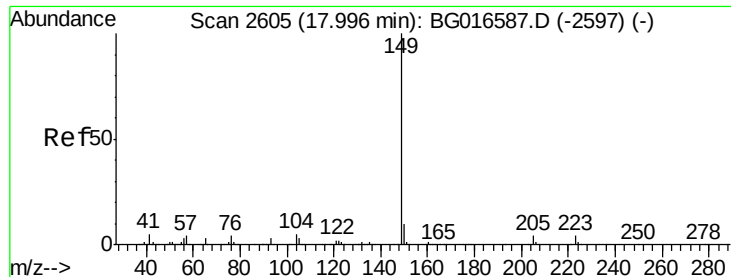
apatel
 4/23/2015 4:41:17 PM



#72
 Carbazole
 Concen: 50.09 ng
 RT: 17.43 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.8	26.8
139	13.5	11.0	16.4





#73

Di-n-butylphthalate

Concen: 45.61 ng

RT: 17.99 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

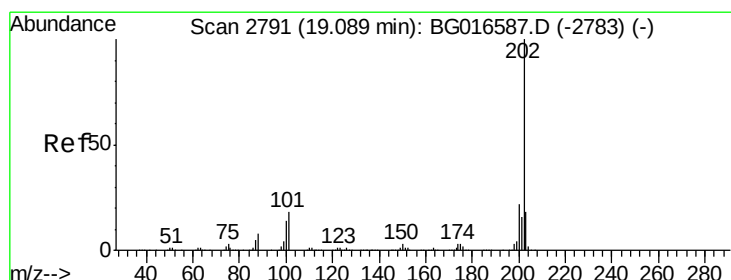
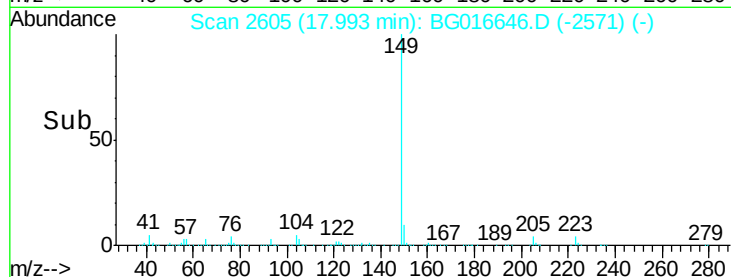
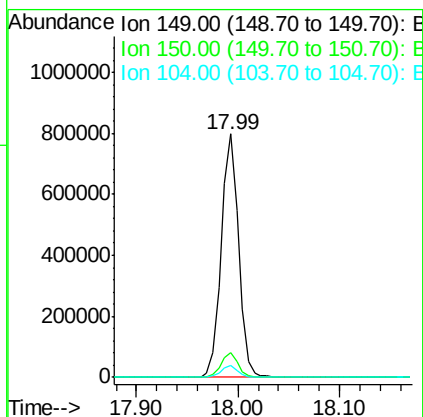
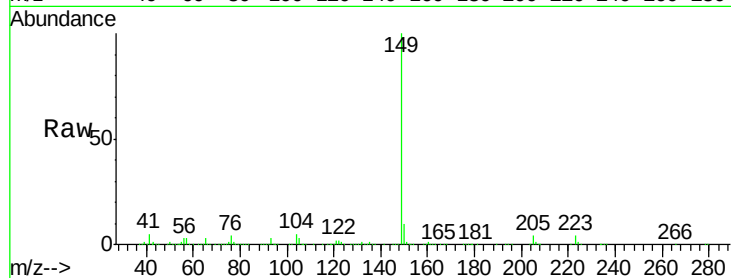
ClientSampleId :

TEC-07MSD

Tot Ion:	149	Resp:	948336
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.9	11.9
104	4.9	3.8	5.6

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 PM



#74

Fluoranthene

Concen: 47.70 ng

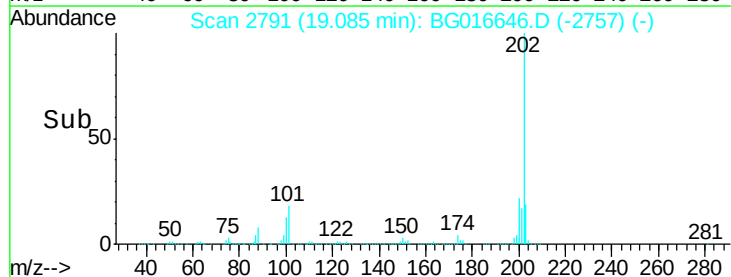
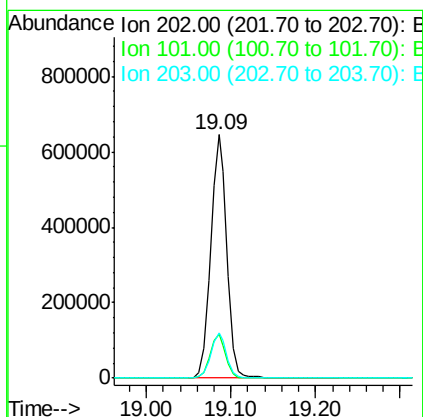
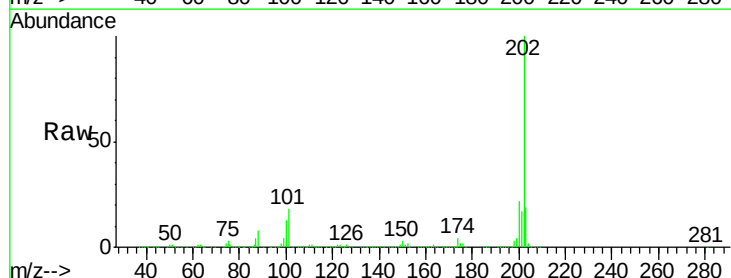
RT: 19.09 min Scan# 2791

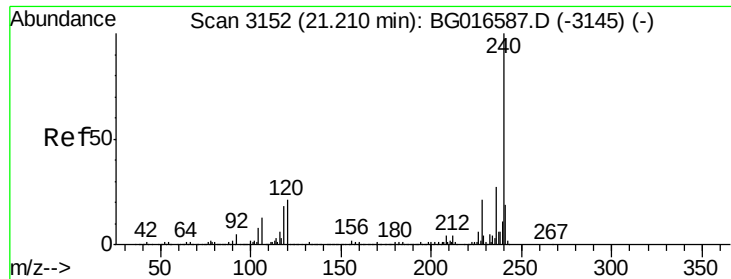
Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Tgt Ion:	202	Resp:	865860
Ion Ratio	Lower	Upper	
202	100		
101	17.9	0.0	37.9
203	18.7	0.0	38.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.21 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

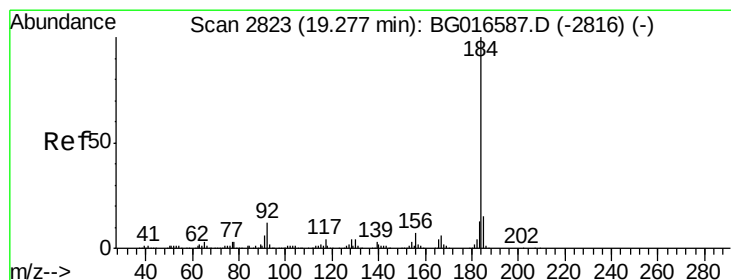
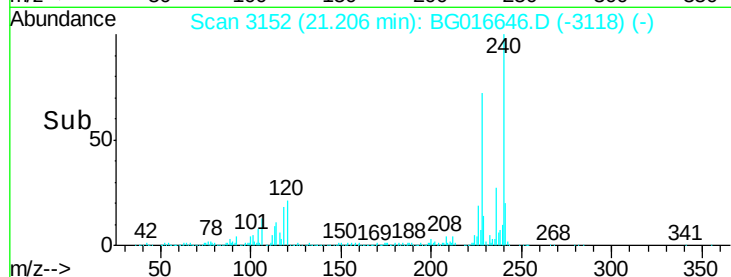
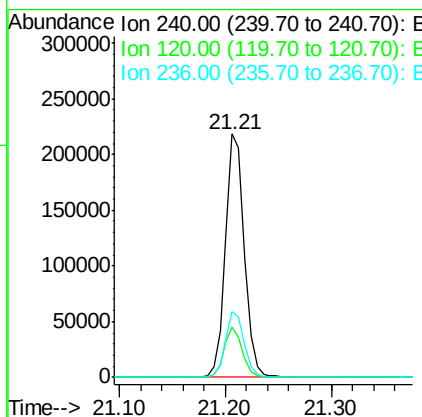
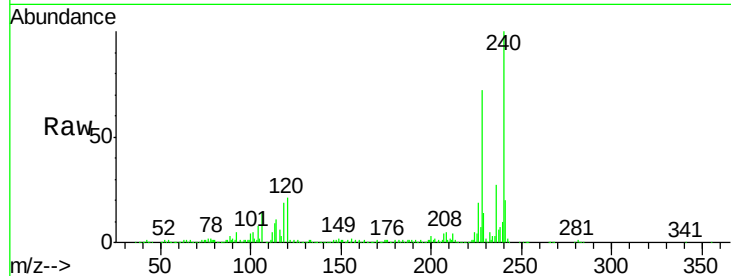
ClientSampleId :

TEC-07MSD

Tot Ion:	240	Resp:	270289
Ion Ratio		Lower	Upper
240	100		
120	20.9	16.7	25.1
236	26.8	21.7	32.5

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 PM



#76

Benzidine

Concen: 3.42 ng

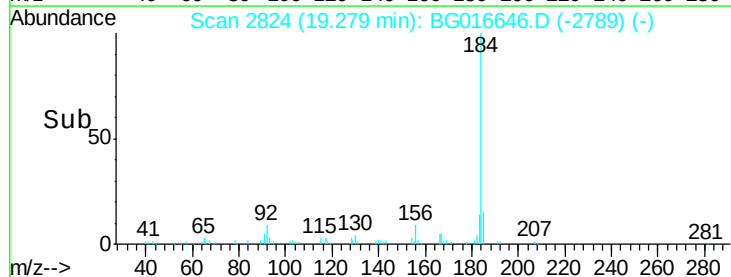
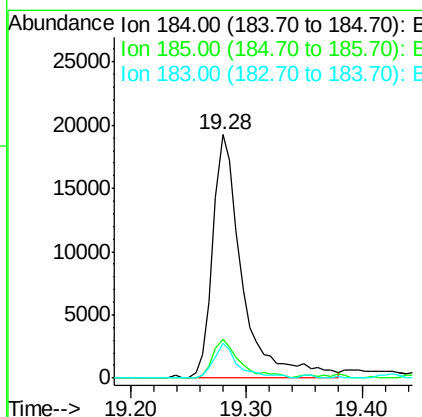
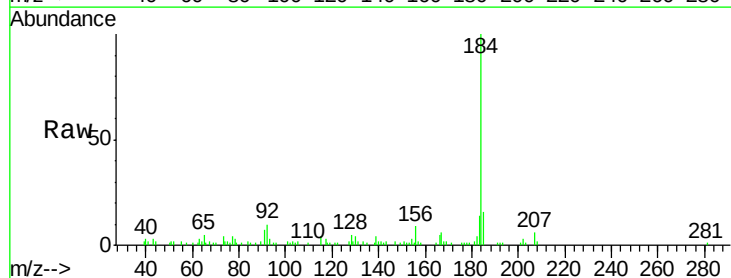
RT: 19.28 min Scan# 2824

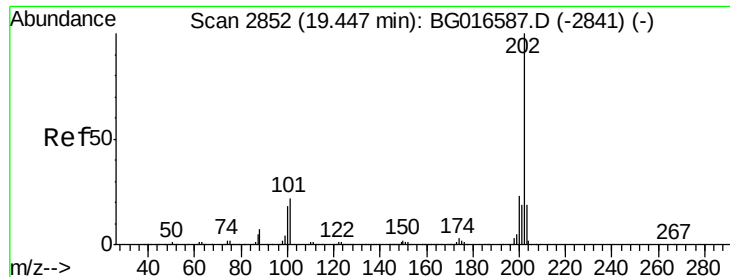
Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Tgt Ion:	184	Resp:	34162
Ion Ratio		Lower	Upper
184	100		
185	16.2	11.8	17.6
183	14.5	10.3	15.5





#77

Pvrene

Concen: 48.97 ng

RT: 19.45 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

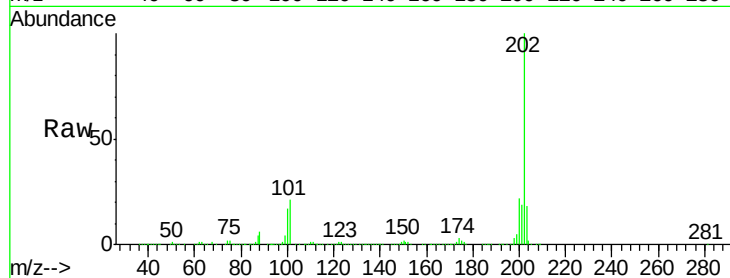
ClientSampleId :

TEC-07MSD

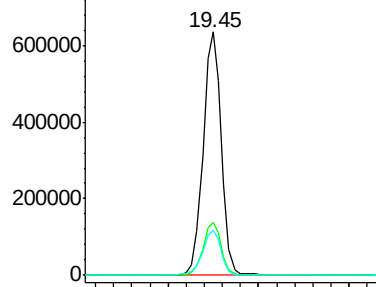
Tot Ion:	202	Resp:	889046
Ion Ratio	Lower	Upper	
202	100		
200	21.9	18.2	27.2
203	18.3	15.2	22.8

Manual Integrations
APPROVED

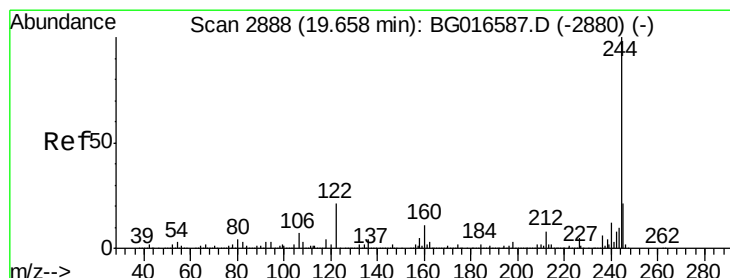
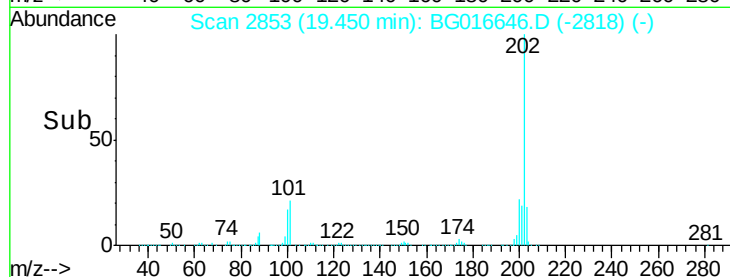
apatel
4/23/2015 4:41:17 PM



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



Time-->



#78

Terphenyl-d14

Concen: 90.20 ng

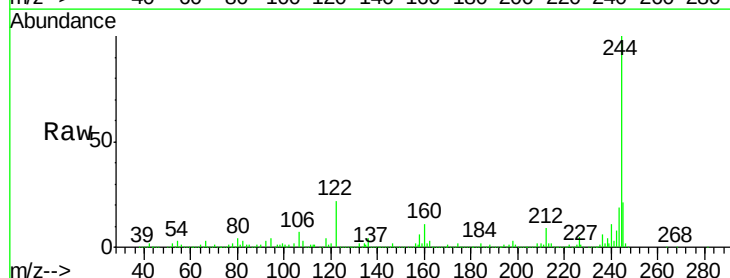
RT: 19.66 min Scan# 2888

Delta R.T. -0.00 min

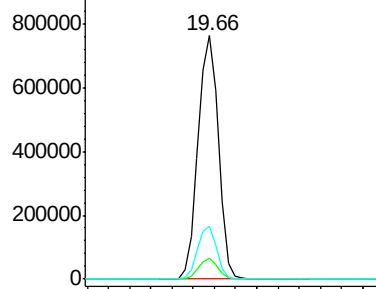
Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

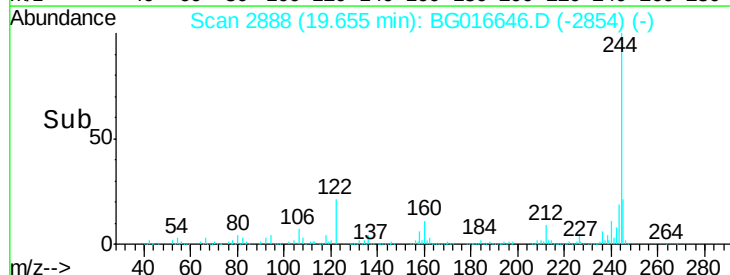
Tgt Ion:	244	Resp:	1011965
Ion Ratio	Lower	Upper	
244	100		
212	8.5	6.8	10.2
122	21.8	17.0	25.6

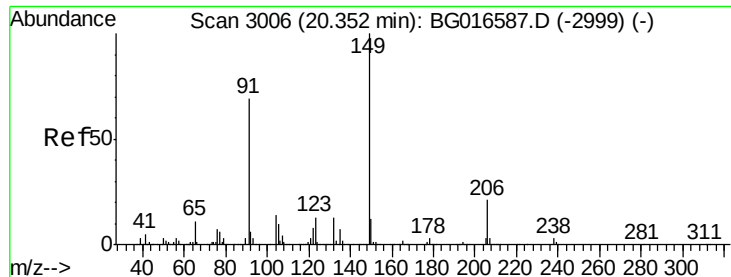


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





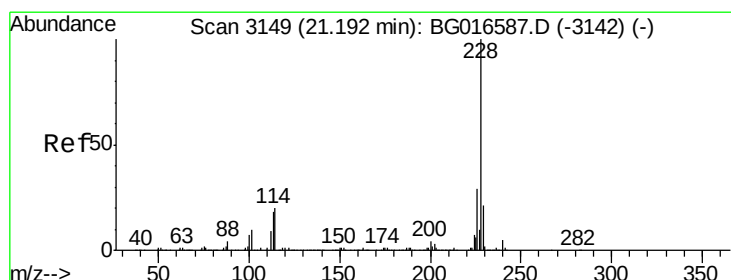
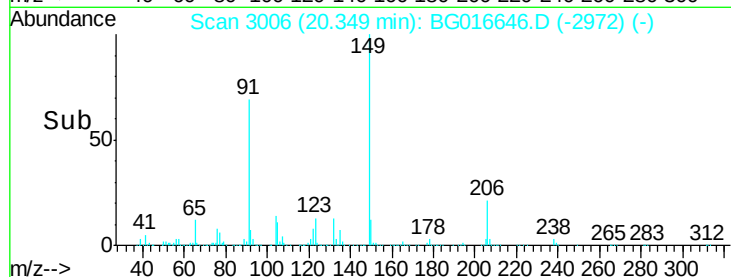
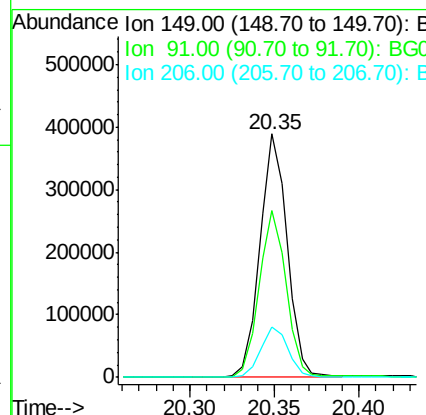
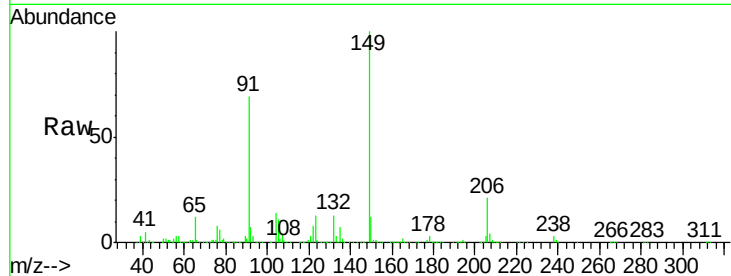
#79
Butylbenzylphthalate
Concen: 46.10 ng
RT: 20.35 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :
TEC-07MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	68.7	55.4	83.0
206	20.6	16.4	24.6

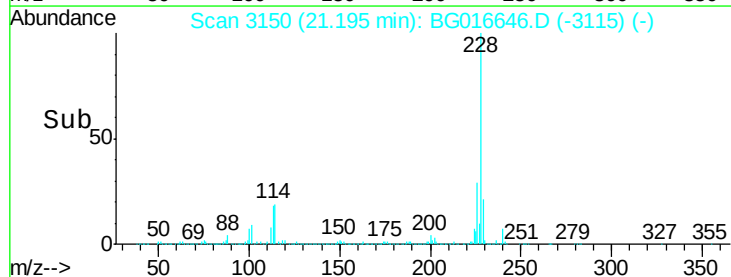
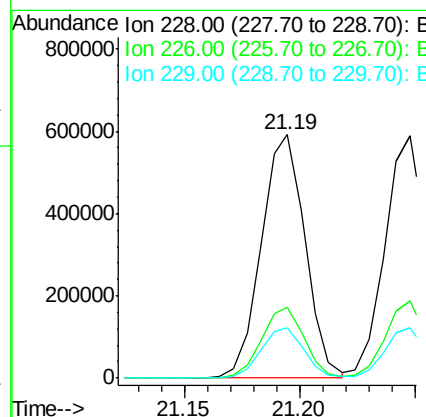
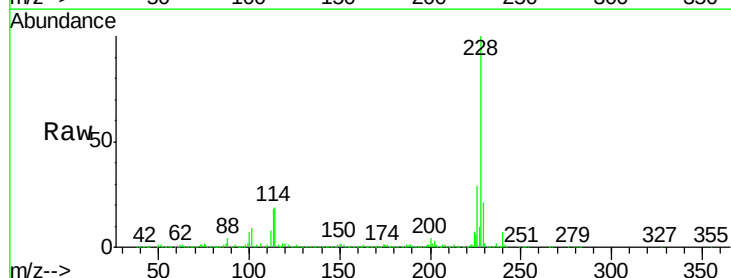
Manual Integrations
APPROVED

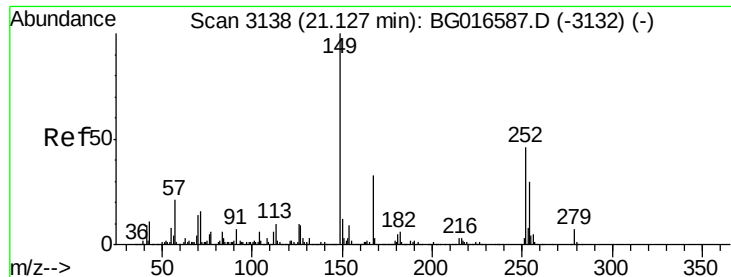
apatel
4/23/2015 4:41:17 PM



#80
Benzo(a)anthracene
Concen: 47.74 ng
RT: 21.19 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.2	23.2	34.8
229	20.9	16.9	25.3





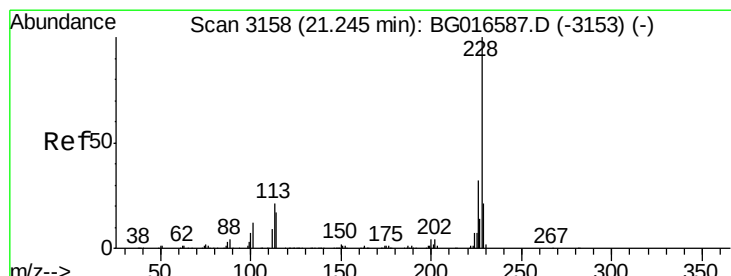
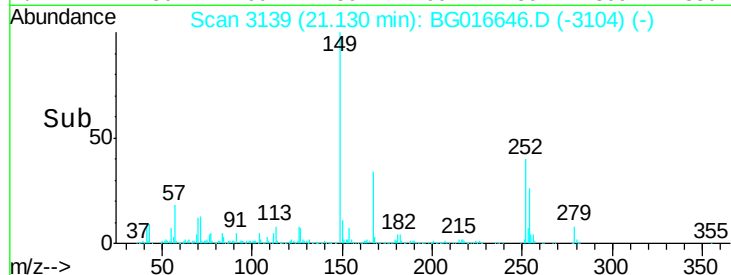
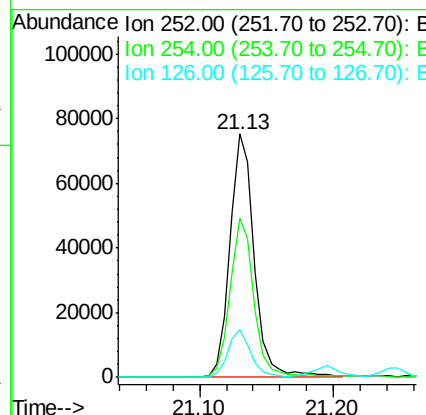
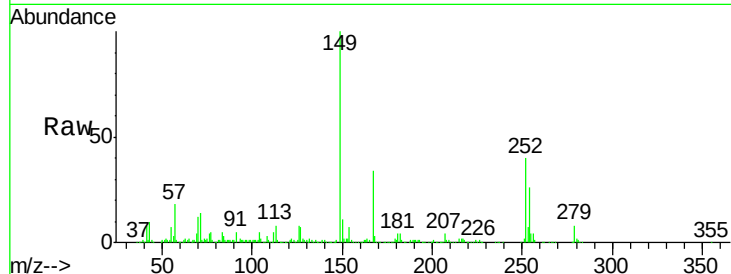
#81
 3,3'-Dichlorobenzidine
 Concen: 17.97 ng
 RT: 21.13 min Scan# 3139
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Instrument :
 BNA_G
 ClientSampleID :
 TEC-07MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	96957		
254	65.6	52.6	78.8	
126	19.6	18.0	27.0	

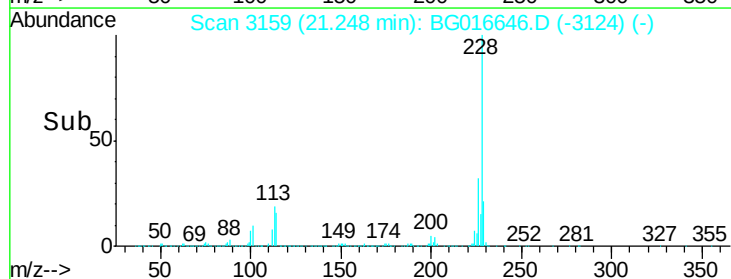
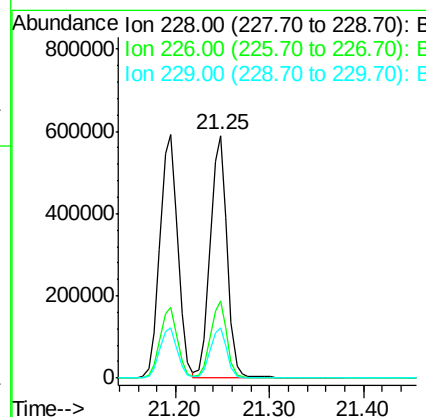
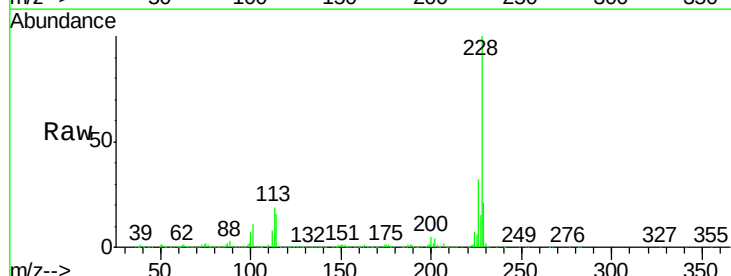
Manual Integrations
 APPROVED

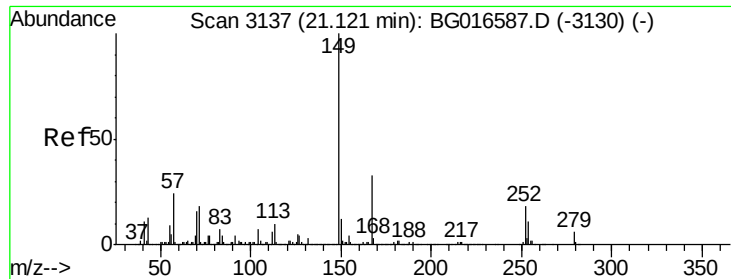
apatel
 4/23/2015 4:41:17 PM



#82
 Chrysene
 Concen: 47.43 ng
 RT: 21.25 min Scan# 3159
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	742259		
226	31.7	25.5	38.3	
229	20.7	16.5	24.7	





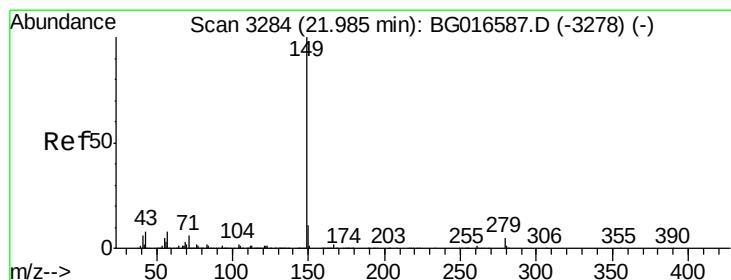
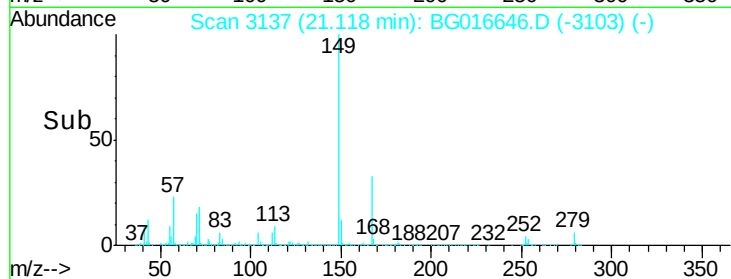
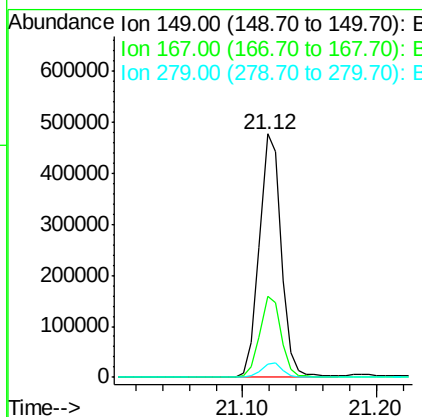
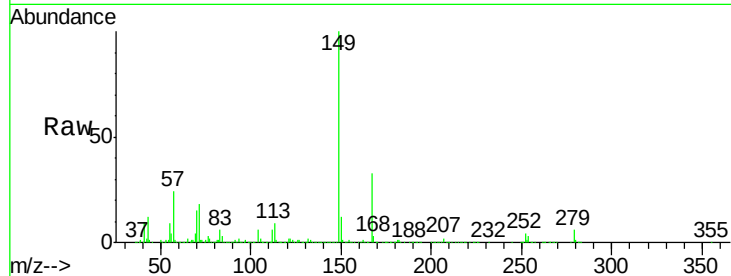
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.07 ng
 RT: 21.12 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Instrument :
 BNA_G
 ClientSampleId :
 TEC-07MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	535791		
167	33.3	26.5	39.7	
279	5.5	4.5	6.7	

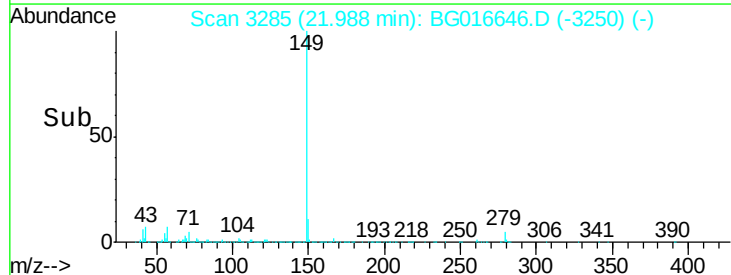
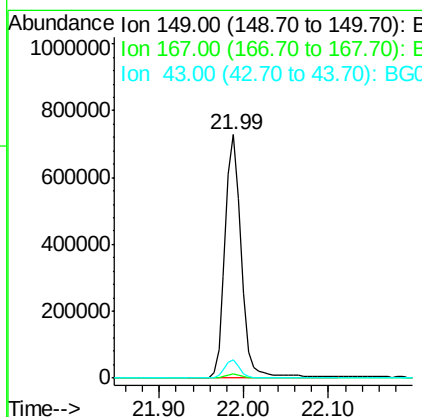
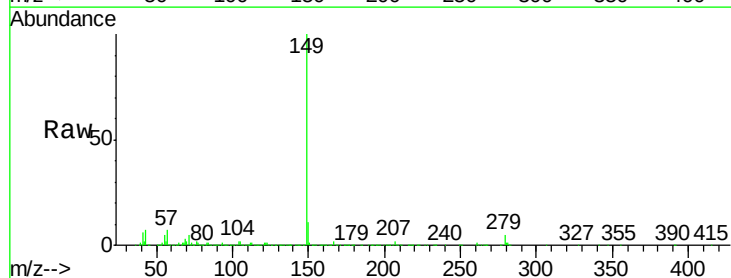
Manual Integrations
 APPROVED

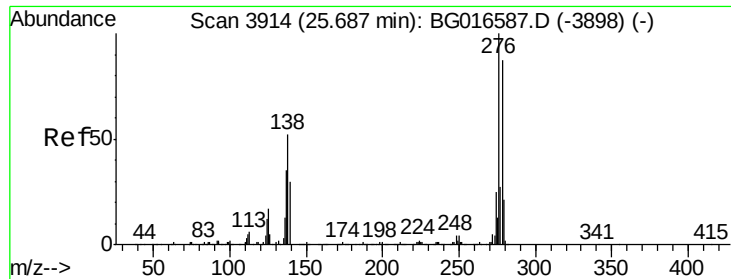
apatel
 4/23/2015 4:41:17 PM



#84
 Di-n-octyl phthalate
 Concen: 45.12 ng
 RT: 21.99 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	977394		
167	1.6	1.4	2.0	
43	7.0	6.2	9.2	





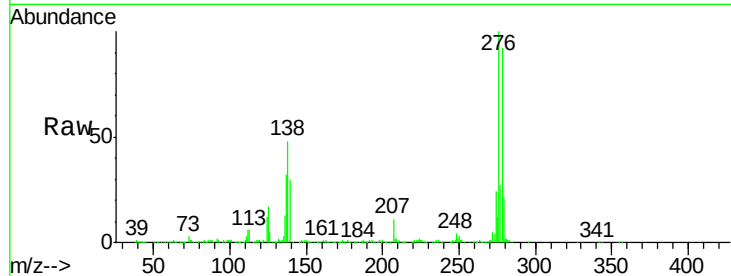
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.43 ng
RT: 25.69 min Scan# 3915
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :
TEC-07MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	47.3	39.7	59.5
277	26.5	21.4	32.2

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 PM

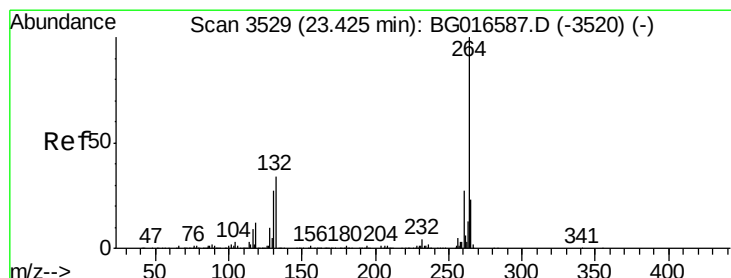
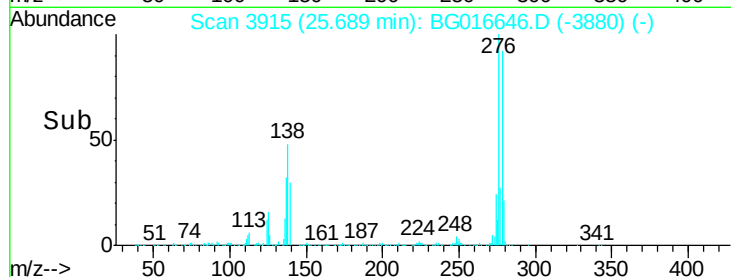
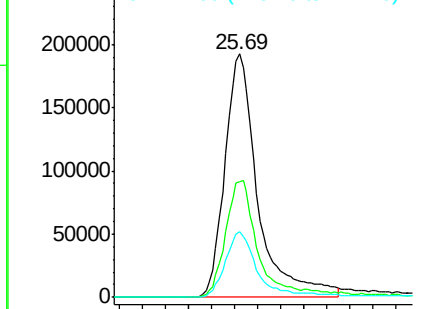


Abundance

Ion 276.00 (275.70 to 276.70): E

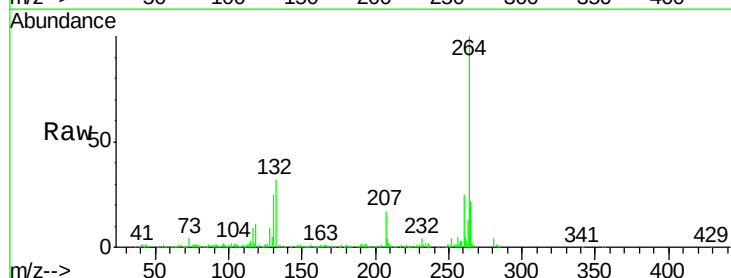
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.4	32.2
265	21.5	18.7	28.1

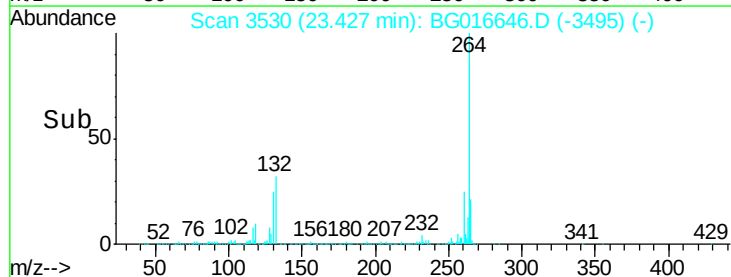
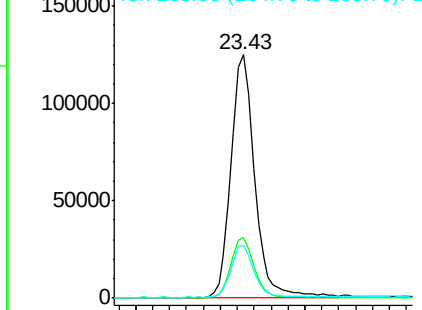


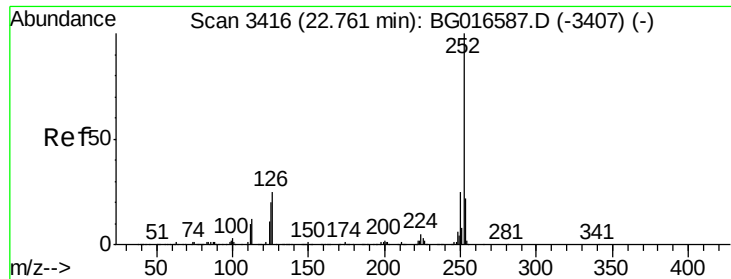
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.82 ng

RT: 22.76 min Scan# 3416

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

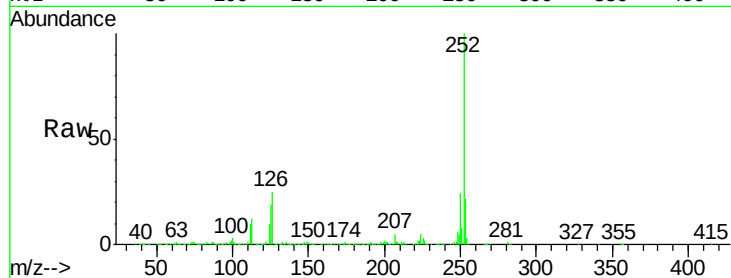
ClientSampleId :

TEC-07MSD

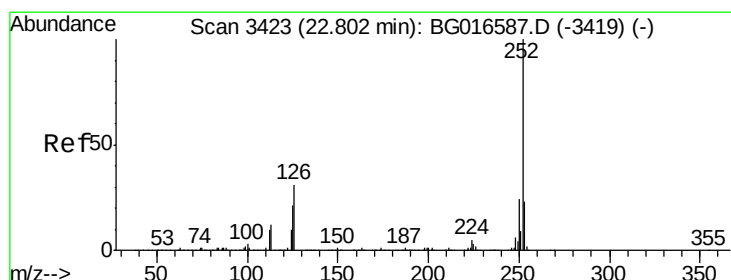
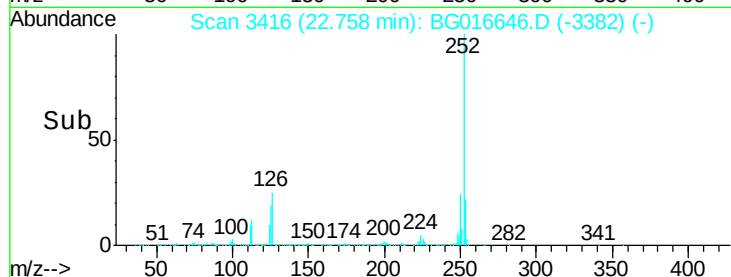
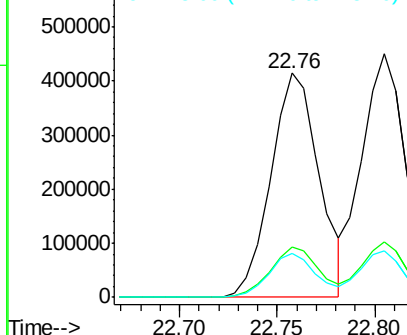
Tot Ion:	252	Resp:	709459
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.9	26.9
125	19.4	15.8	23.8

Manual Integrations
APPROVED

apatel
4/23/2015 4:41:17 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: 51.28 ng

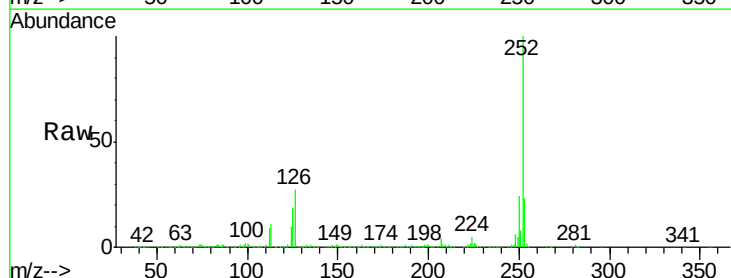
RT: 22.80 min Scan# 3424

Delta R.T. 0.00 min

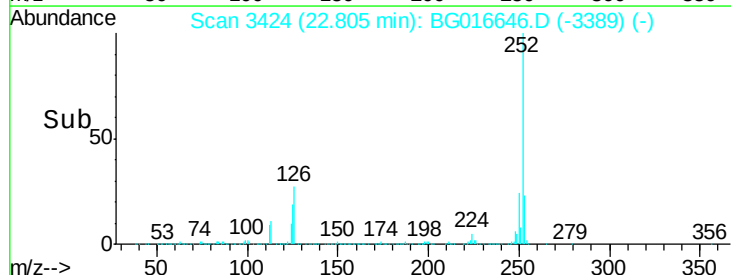
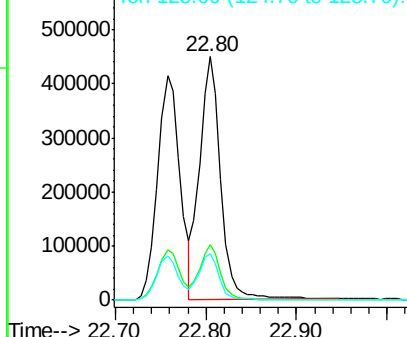
Lab File: BG016646.D

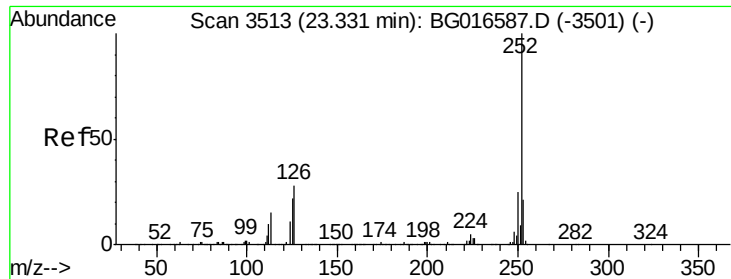
Acq: 23 Apr 2015 8:59

Tgt Ion:	252	Resp:	730935
Ion Ratio		Lower	Upper
252	100		
253	22.5	18.6	27.8
125	18.9	16.0	24.0



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





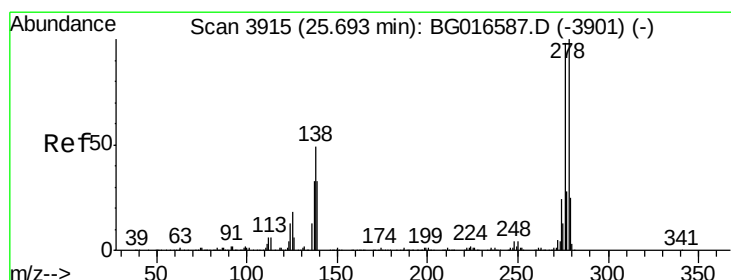
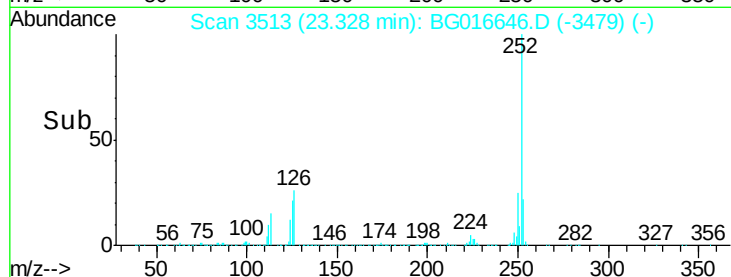
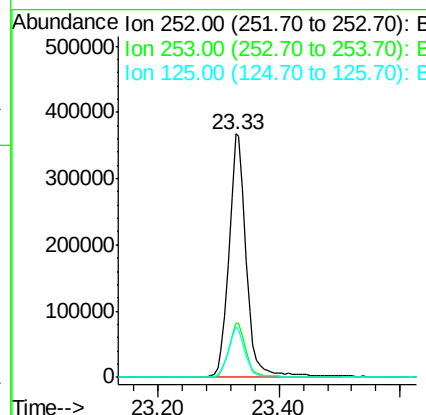
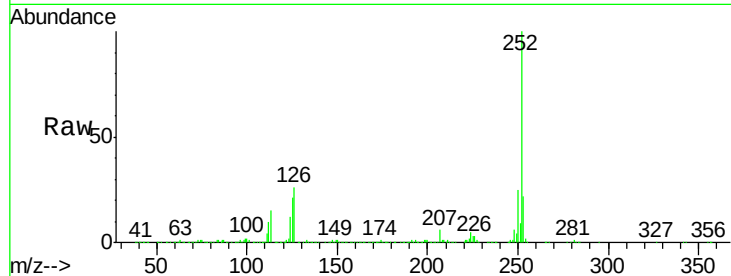
#89
Benzo(a)pyrene
Concen: 52.53 ng
RT: 23.33 min Scan# 3513
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :
TEC-07MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	20.6	17.3	25.9

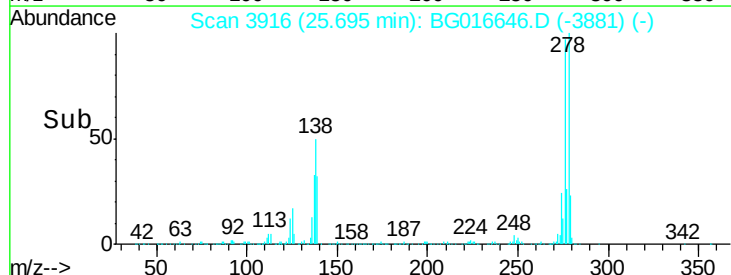
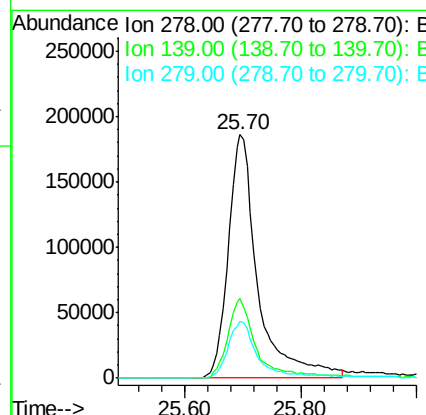
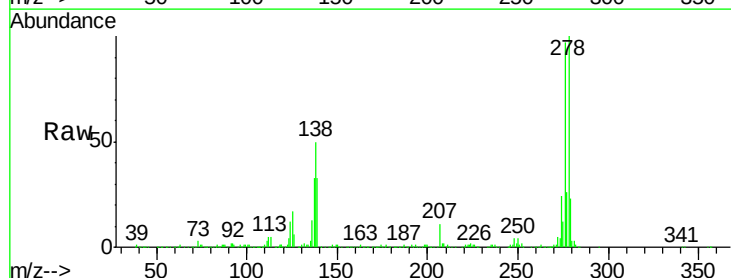
Manual Integrations
APPROVED

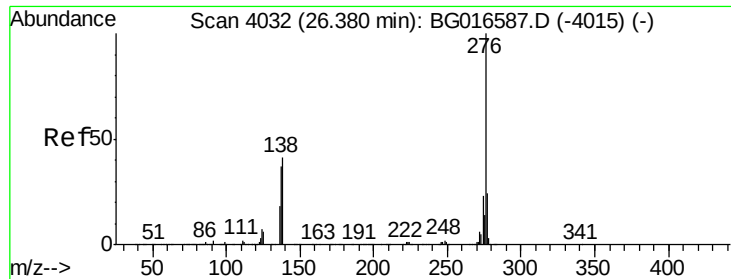
apatel
4/23/2015 4:41:17 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.25 ng
RT: 25.70 min Scan# 3916
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.5	26.2	39.4
279	23.2	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.69 ng
 RT: 26.38 min Scan# 4033
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Instrument :
 BNA_G
 ClientSampleId :
 TEC-07MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	39.4	32.7	49.1

Manual Integrations
 APPROVED

apatel
 4/23/2015 4:41:17 PM

