

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
 Data File : BG016598.D
 Acq On : 21 Apr 2015 23:52
 Operator : TP/IZ
 Sample : PB82889BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82889BS

Manual Integrations
 APPROVED

apatel
 4/22/2015 5:21:13 PM

Quant Time: Apr 22 04:57:53 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	55216	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	231494	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	131525	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	291810	20.00	ng	0.00
75) Chrysene-d12	21.21	240	298093	20.00	ng	0.00
86) Perylene-d12	23.43	264	283840	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	417824	121.28	ng	0.00
7) Phenol-d6	6.83	99	577548	119.99	ng	0.00
23) Nitrobenzene-d5	8.79	82	284853	75.77	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	114742	128.45	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	641511	80.78	ng	0.00
78) Terphenyl-d14	19.66	244	915418	73.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	52057	33.60	ng	93
3) Pyridine	3.50	79	138582	32.34	ng	98
4) n-Nitrosodimethylamine	3.42	42	44892	34.99	ng	92
6) Aniline	6.96	93	143347	21.56	ng	99
8) 2-Chlorophenol	7.21	128	160431	39.01	ng	99
9) Benzaldehyde	6.78	77	13839	6.32	ng	92
10) Phenol	6.85	94	203297	39.93	ng	99
11) bis(2-Chloroethyl)ether	7.07	93	141923	35.61	ng	98
12) 1,3-Dichlorobenzene	7.52	146	153583	35.77	ng	97
13) 1,4-Dichlorobenzene	7.67	146	156304	35.76	ng	98
14) 1,2-Dichlorobenzene	7.99	146	149295	35.90	ng	98
15) Benzyl Alcohol	7.88	79	111638	36.45	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	142482	36.91	ng	98
17) 2-Methylphenol	8.09	107	132528	38.62	ng	99
18) Hexachloroethane	8.70	117	56517	36.01	ng	96
19) n-Nitroso-di-n-propylamine	8.44	70	100946	32.44	ng	98
20) 3+4-Methylphenols	8.42	107	180996	38.30	ng	98
22) Acetophenone	8.46	105	198375	38.47	ng	99
24) Nitrobenzene	8.83	77	146643	37.48	ng	99
25) Isophorone	9.35	82	276907	35.98	ng	98
26) 2-Nitrophenol	9.54	139	83592	38.69	ng	97
27) 2,4-Dimethylphenol	9.61	122	152887	41.62	ng	98
28) bis(2-Chloroethoxy)methane	9.84	93	176562	38.26	ng	98
29) 2,4-Dichlorophenol	10.08	162	134416	44.25	ng	96
30) 1,2,4-Trichlorobenzene	10.28	180	125681	38.92	ng	98
31) Naphthalene	10.47	128	453796	37.55	ng	100
32) Benzoic acid	9.77	122	34950	32.17	ng	98
33) 4-Chloroaniline	10.59	127	95009	17.19	ng	98
34) Hexachlorobutadiene	10.75	225	53757	37.46	ng	97
35) Caprolactam	11.35	113	67573m	38.42	ng	
36) 4-Chloro-3-methylphenol	11.73	107	150638	41.07	ng	100
37) 2-Methylnaphthalene	12.09	142	332254	38.40	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.46	216	117122	38.71	ng	98
40) Hexachlorocyclopentadiene	12.44	237	94319	74.58	ng	98

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
 Data File : BG016598.D
 Acq On : 21 Apr 2015 23:52
 Operator : TP/IZ
 Sample : PB82889BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82889BS

Manual Integrations
 APPROVED

apatel
 4/22/2015 5:21:13 PM

Quant Time: Apr 22 04:57:53 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	12.71	196	85239	39.79	nq	99
43) 2,4,5-Trichlorophenol	12.79	196	96822	42.39	nq	99
45) 1,1'-Biphenyl	13.11	154	403360	39.82	nq	98
46) 2-Chloronaphthalene	13.15	162	306536	39.52	nq	100
47) 2-Nitroaniline	13.37	65	89861	39.71	nq	89
48) Acenaphthylene	14.00	152	530984	38.56	nq	99
49) Dimethylphthalate	13.75	163	379102	38.98	nq	99
50) 2,6-Dinitrotoluene	13.87	165	94962	39.76	nq	98
51) Acenaphthene	14.34	154	319403	38.87	nq	98
52) 3-Nitroaniline	14.20	138	66515	22.55	nq	96
53) 2,4-Dinitrophenol	14.41	184	87473	79.06	nq	94
54) Dibenzofuran	14.68	168	463274	40.05	nq	99
55) 4-Nitrophenol	14.53	139	202258	90.59	nq	98
56) 2,4-Dinitrotoluene	14.66	165	135677	41.28	nq	98
57) Fluorene	15.33	166	404474	39.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.91	232	73060	42.38	nq	98
59) Diethylphthalate	15.11	149	407581	39.34	nq	100
60) 4-Chlorophenyl-phenylether	15.33	204	165968	39.65	nq	98
61) 4-Nitroaniline	15.36	138	127420	37.70	nq	97
62) Azobenzene	15.62	77	400665	41.66	nq	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	71647	36.73	nq	98
65) n-Nitrosodiphenylamine	15.54	169	365206	37.33	nq	100
66) 4-Bromophenyl-phenylether	16.22	248	88364	38.47	nq	98
67) Hexachlorobenzene	16.34	284	90127	37.56	nq	91
68) Atrazine	16.49	200	115134	42.09	nq	96
69) Pentachlorophenol	16.68	266	92180	74.64	nq	98
70) Phenanthrene	17.06	178	640151	38.54	nq	99
71) Anthracene	17.16	178	653903	39.61	nq	99
72) Carbazole	17.43	167	709067	42.10	nq	100
73) Di-n-butylphthalate	17.99	149	835803	40.78	nq	100
74) Fluoranthene	19.09	202	733226	40.97	nq	99
76) Benzidine	19.28	184	348210	31.59	nq	99
77) Pyrene	19.45	202	778981	38.91	nq	99
79) Butylbenzylphthalate	20.35	149	415245	39.62	nq	99
80) Benzo(a)anthracene	21.19	228	701677	39.03	nq	99
81) 3,3'-Dichlorobenzidine	21.13	252	172176	28.93	nq	98
82) Chrysene	21.25	228	663521	38.45	nq	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	568908	39.54	nq	98
84) Di-n-octyl phthalate	21.99	149	955510	39.99	nq	100
85) Indeno(1,2,3-cd)pyrene	25.68	276	722734	38.16	nq	99
87) Benzo(b)fluoranthene	22.76	252	678208	40.04	nq	99
88) Benzo(k)fluoranthene	22.81	252	620095	37.32	nq	99
89) Benzo(a)pyrene	23.33	252	642670	39.97	nq	99
90) Dibenzo(a,h)anthracene	25.69	278	603993	38.65	nq	99
91) Benzo(g,h,i)perylene	26.38	276	603763	38.30	nq	98

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

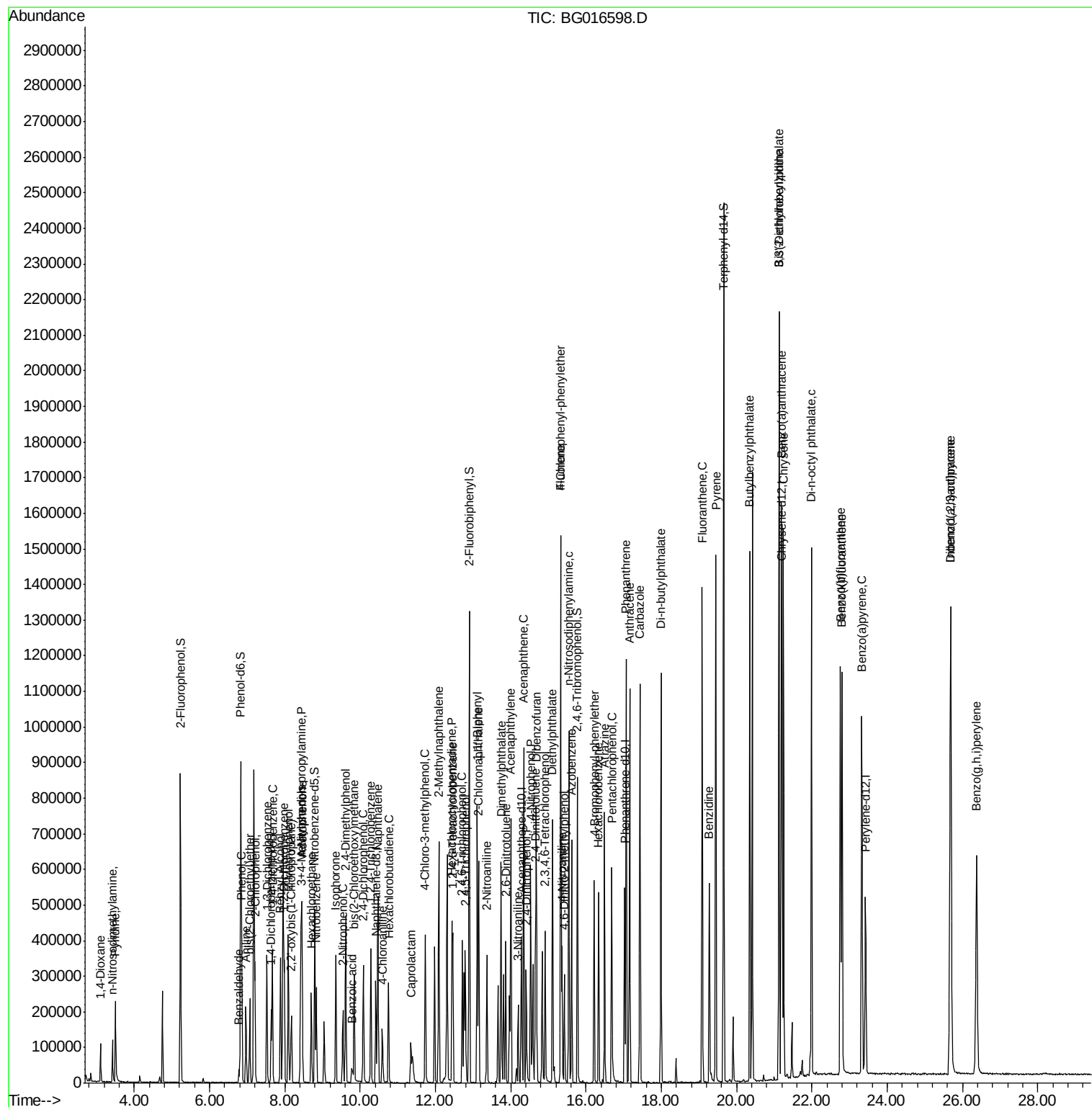
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
 Data File : BG016598.D
 Acq On : 21 Apr 2015 23:52
 Operator : TP/IZ
 Sample : PB82889BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

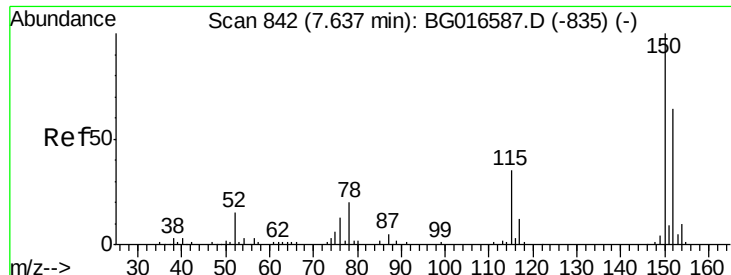
Instrument :
 BNA_G
 ClientSampleId :
 PB82889BS

Manual Integrations
 APPROVED

apatel
 4/22/2015 5:21:13 PM

Quant Time: Apr 22 04:57:53 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





#1

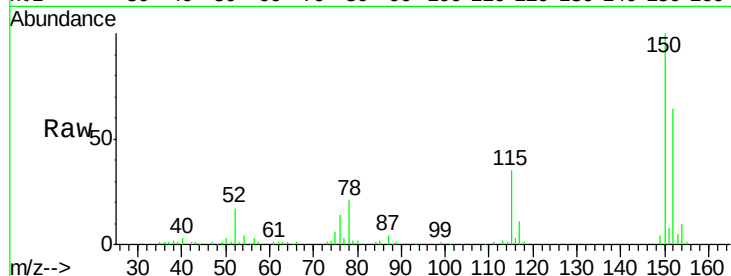
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleId :
PB82889BS

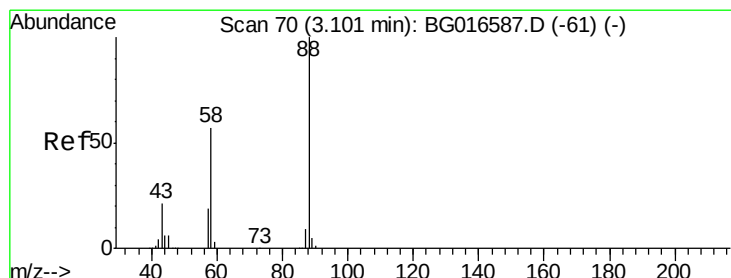
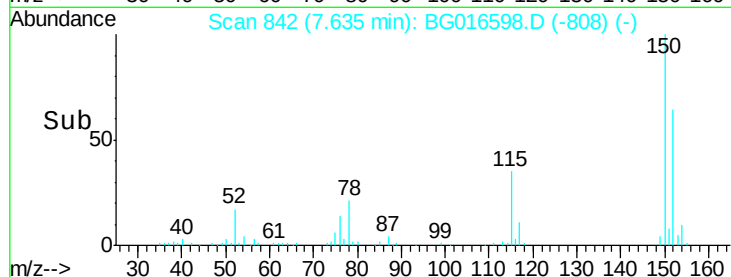
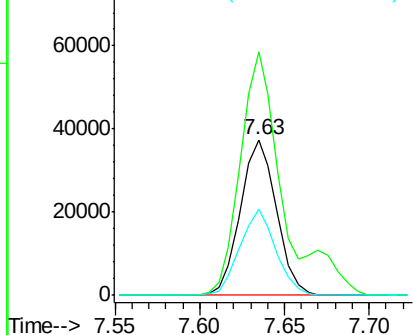
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.5	188.3
115	55.0	44.5	66.7

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM



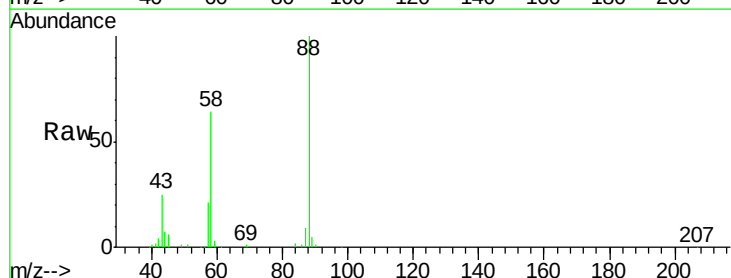
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



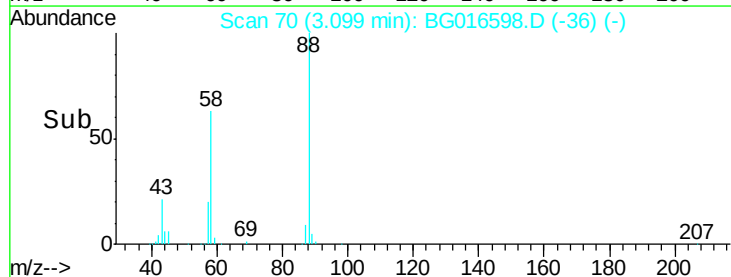
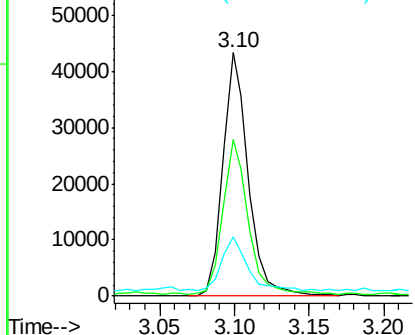
#2

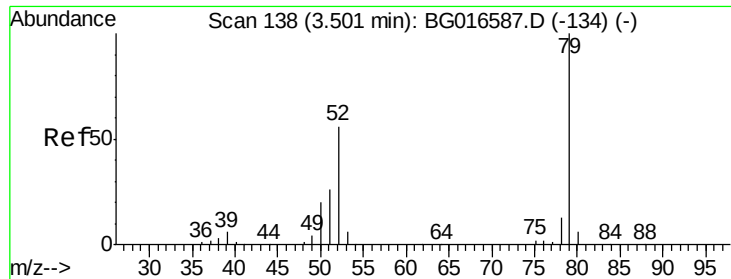
1,4-Dioxane
Concen: 33.60 ng
RT: 3.10 min Scan# 70
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.0	46.0	69.0
43	22.3	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: 32.34 ng

RT: 3.50 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Instrument :

BNA_G

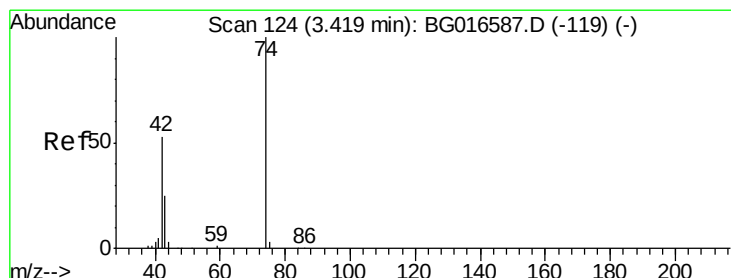
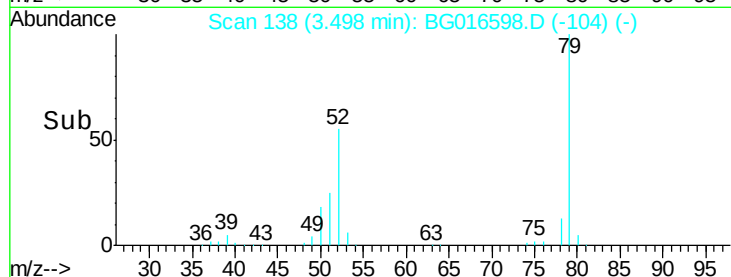
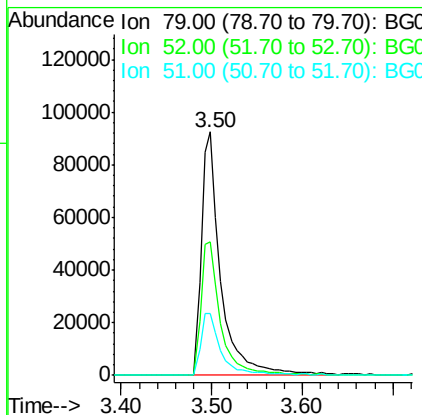
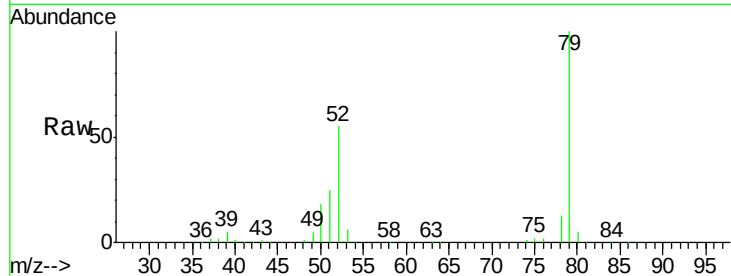
ClientSampleId :

PB82889BS

Tot Ion:	79	Resp:	138582
Ion	Ratio	Lower	Upper
79	100		
52	55.1	45.0	67.4
51	25.2	21.4	32.0

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM



#4

n-Nitrosodimethylamine

Concen: 34.99 ng

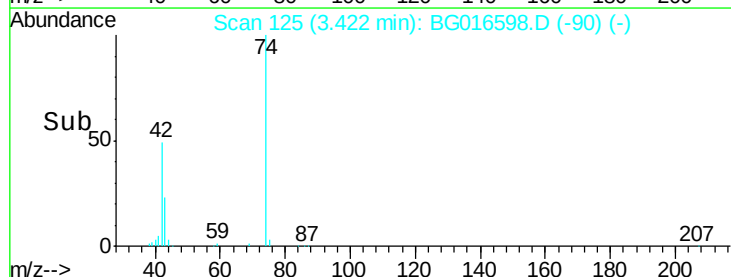
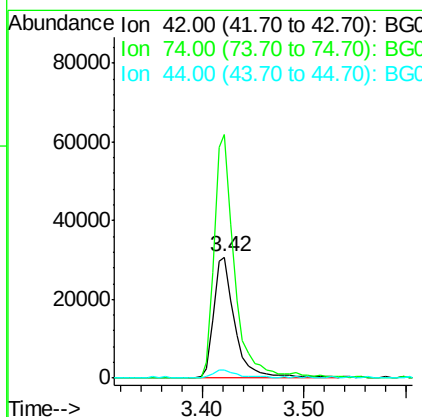
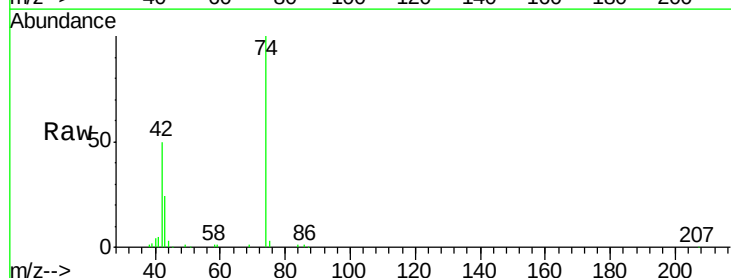
RT: 3.42 min Scan# 125

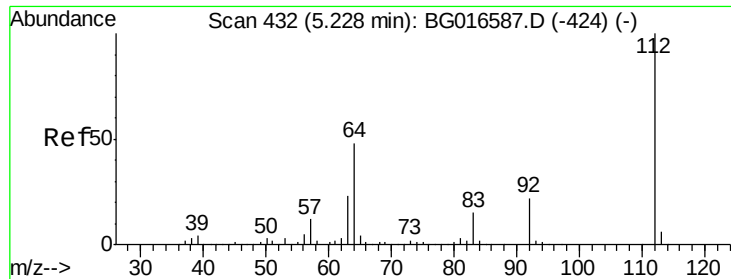
Delta R.T. 0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Tgt Ion:	42	Resp:	44892
Ion	Ratio	Lower	Upper
42	100		
74	200.9	151.6	227.4
44	6.6	4.9	7.3





#5

2-Fluorophenol

Concen: 121.28 ng

RT: 5.23 min Scan# 432

Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Instrument :

BNA_G

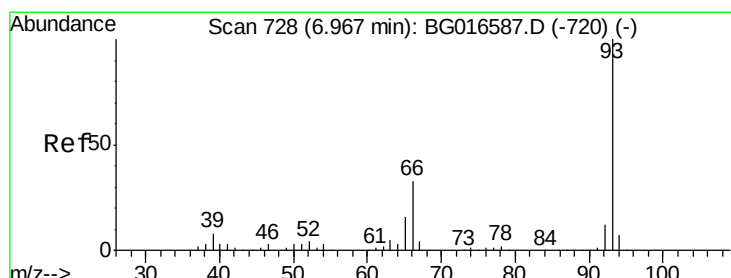
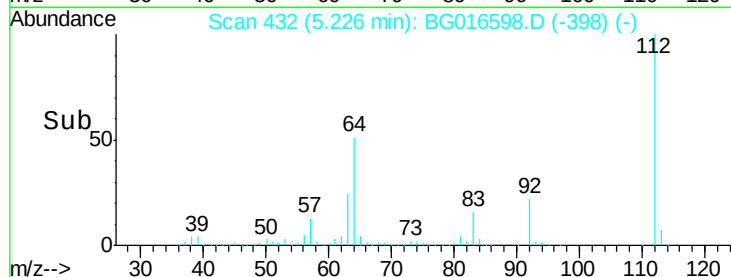
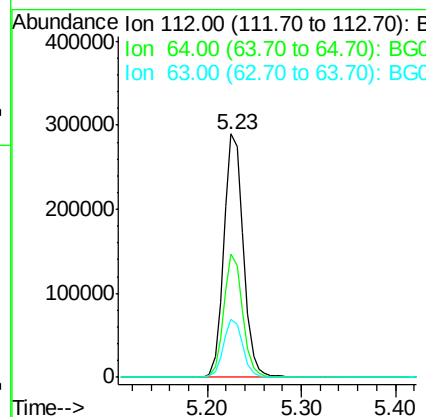
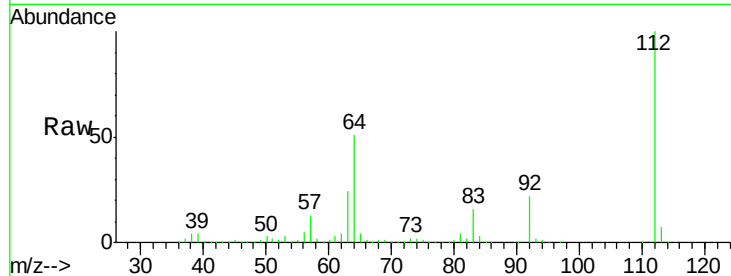
ClientSampled :

PB82889BS

Tot Ion:	112	Resp:	417824
Ion Ratio	Lower	Upper	
112	100		
64	50.8	38.5	57.7
63	23.7	18.2	27.4

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM



#6

Aniline

Concen: 21.56 ng

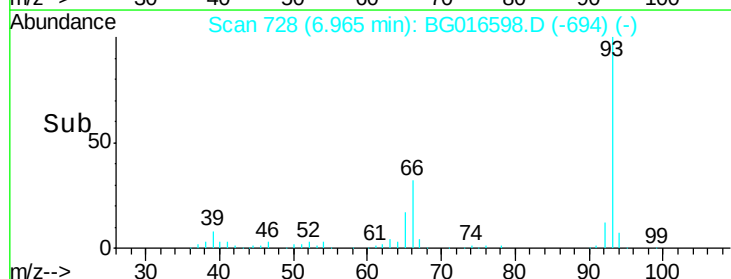
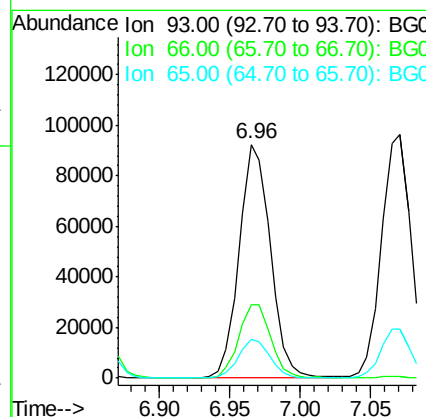
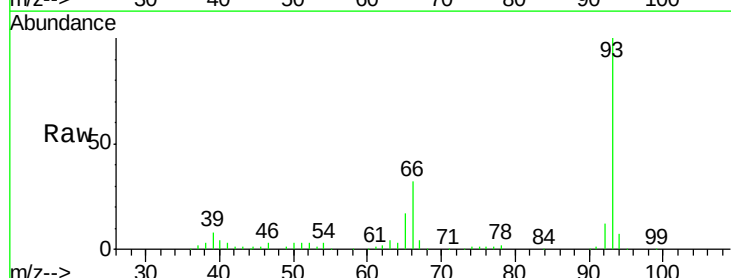
RT: 6.96 min Scan# 728

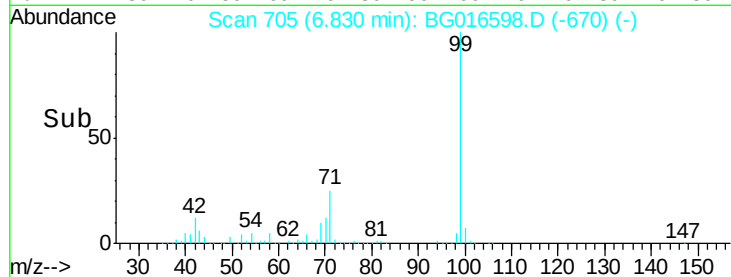
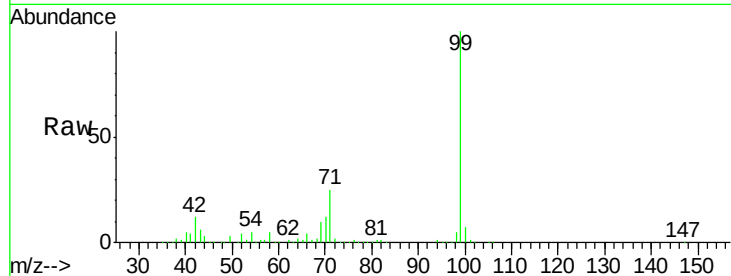
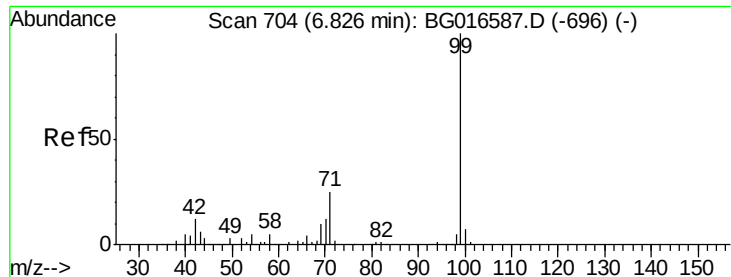
Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Tgt Ion:	93	Resp:	143347
Ion Ratio	Lower	Upper	
93	100		
66	31.7	26.1	39.1
65	16.5	13.0	19.6





#7

Phenol-d6

Concen: 119.99 ng

RT: 6.83 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Tot Ion:	99	Resp:	577548
Ion Ratio	Lower	Upper	
99	100		
42	12.3	9.5	14.3
71	25.5	20.2	30.2

Instrument :

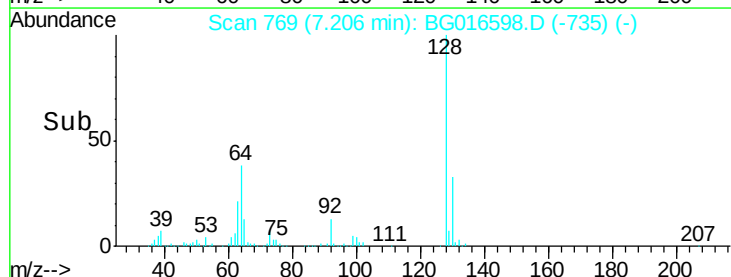
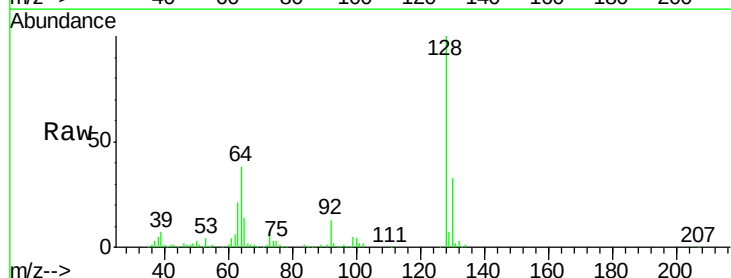
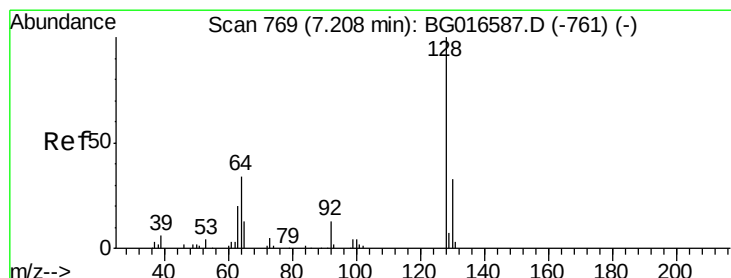
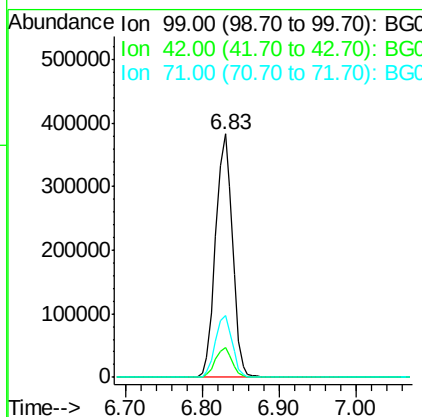
BNA_G

ClientSampleId :

PB82889BS

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM



#8

2-Chlorophenol

Concen: 39.01 ng

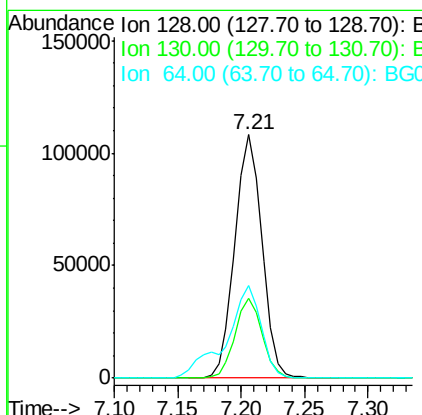
RT: 7.21 min Scan# 769

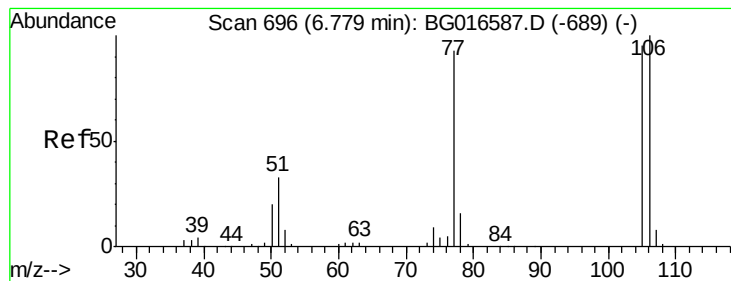
Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Tgt Ion:	128	Resp:	160431
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.5	53.5
64	37.9	17.9	57.9





#9

Benzaldehyde

Concen: 6.32 ng

RT: 6.78 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Instrument :

BNA_G

ClientSampleId :

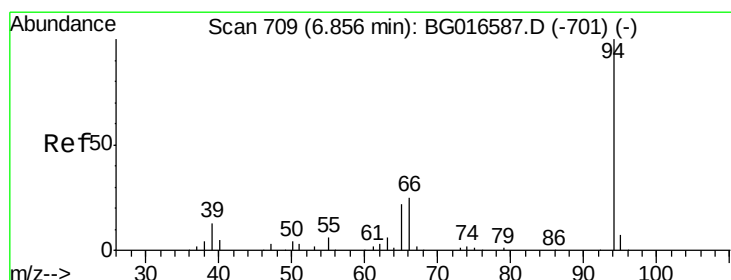
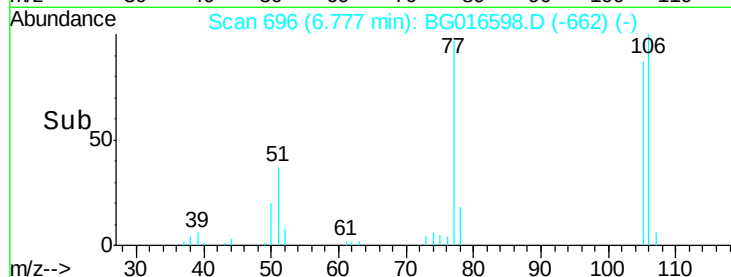
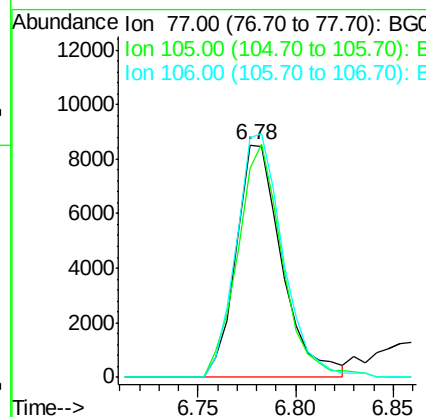
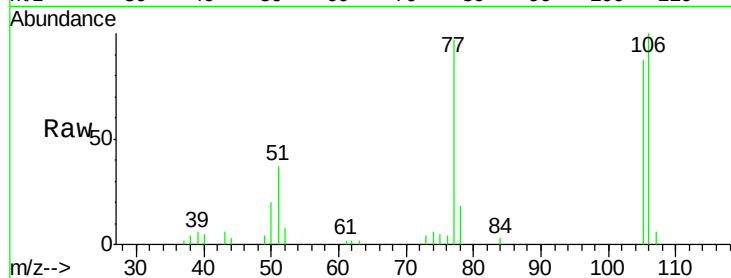
PB82889BS

Manual Integrations
APPROVED

apatel

4/22/2015 5:21:13 PM

Tot Ion:	77	Resp:	13839
Ion	Ratio	Lower	Upper
77	100		
105	89.9	81.6	121.6
106	103.1	87.4	127.4



#10

Phenol

Concen: 39.93 ng

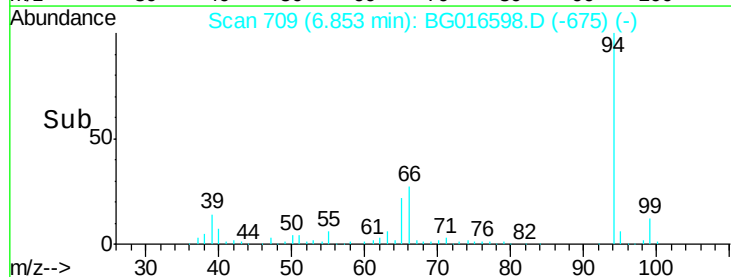
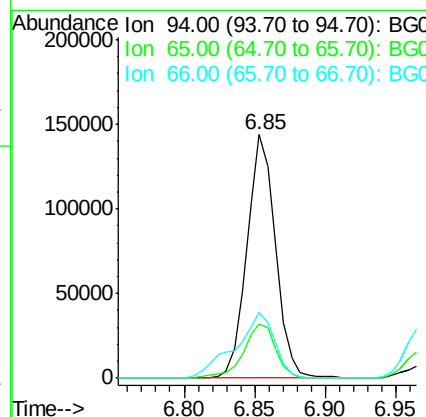
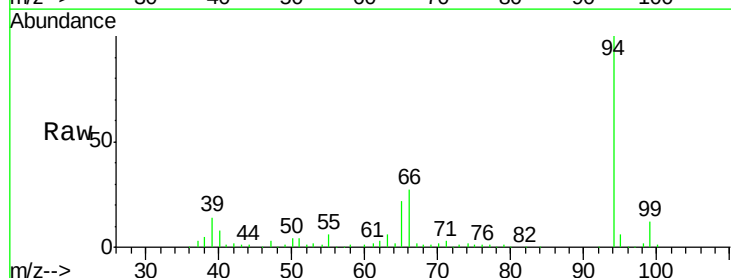
RT: 6.85 min Scan# 709

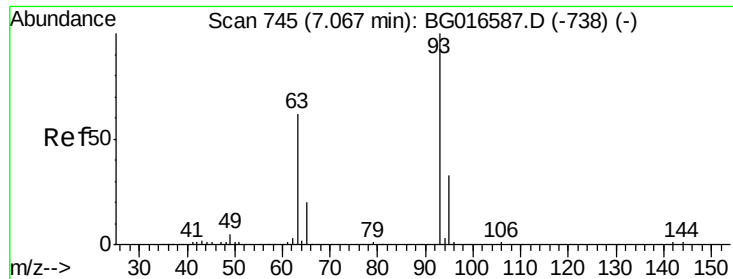
Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Tgt Ion:	94	Resp:	203297
Ion	Ratio	Lower	Upper
94	100		
65	22.4	2.6	42.6
66	27.1	6.3	46.3





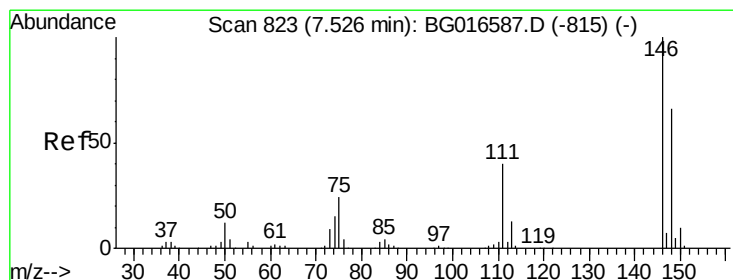
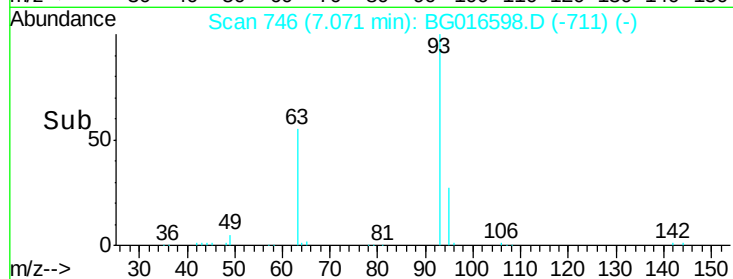
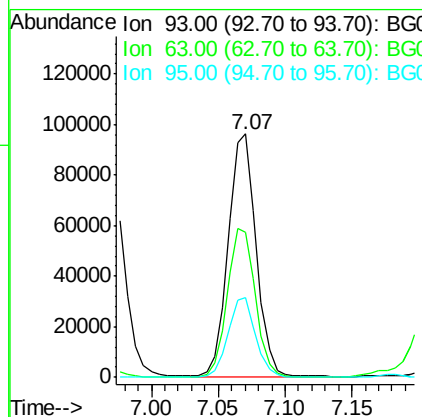
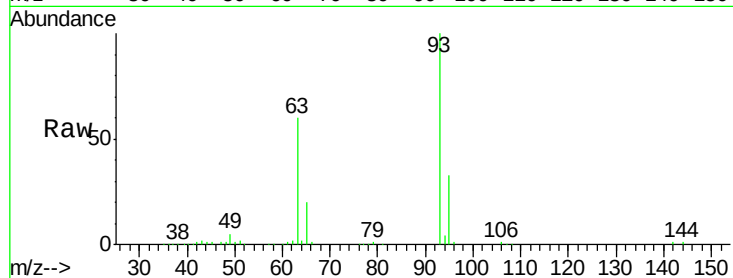
#11
bis(2-Chloroethyl)ether
Concen: 35.61 ng
RT: 7.07 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleId :
PB82889BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	141923		
63	59.7	42.0	82.0	
95	32.7	12.6	52.6	

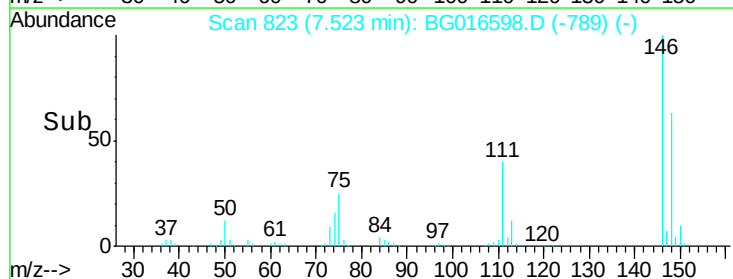
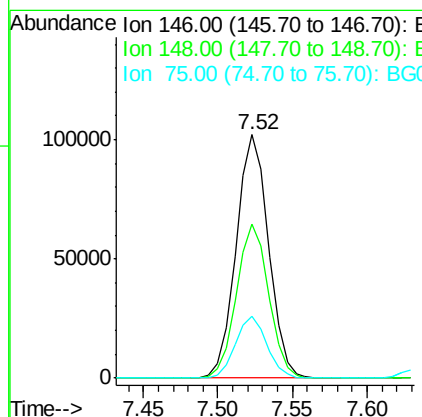
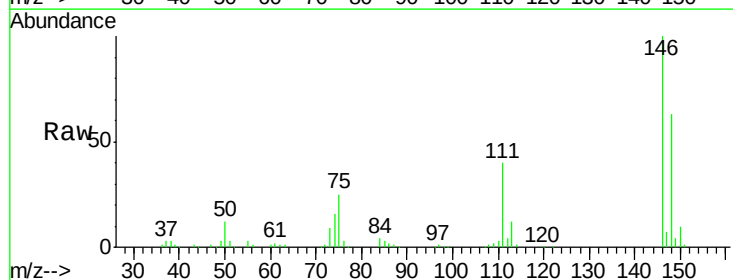
Manual Integrations
APPROVED

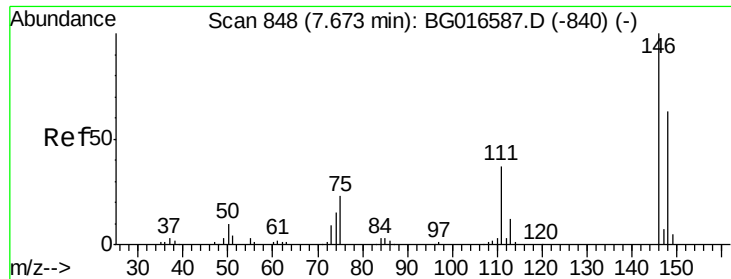
apatel
4/22/2015 5:21:13 PM



#12
1,3-Dichlorobenzene
Concen: 35.77 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	153583		
148	63.5	52.6	79.0	
75	25.2	19.5	29.3	





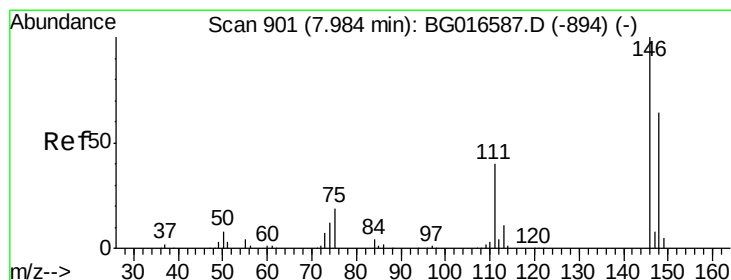
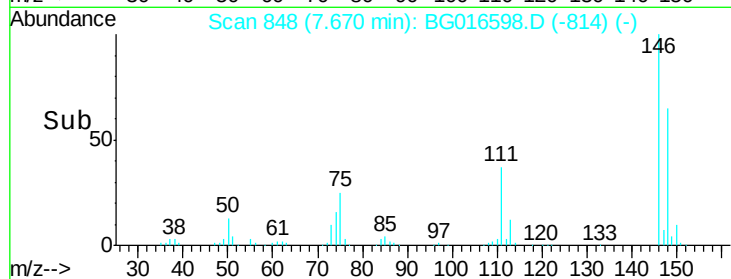
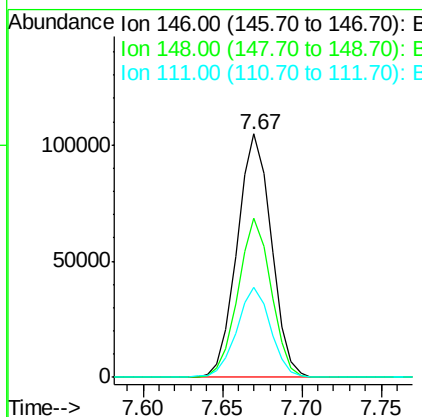
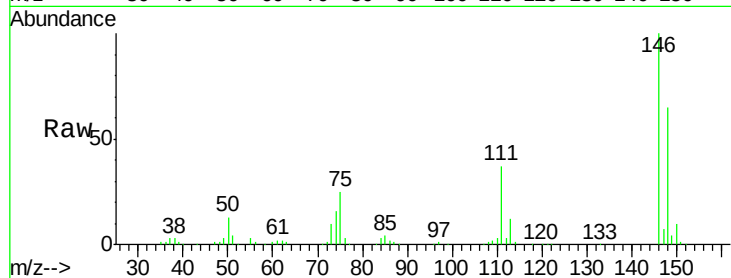
#13
 1,4-Dichlorobenzene
 Concen: 35.76 ng
 RT: 7.67 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Instrument :
 BNA_G
 ClientSampleId :
 PB82889BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.5	75.7
111	37.1	29.6	44.4

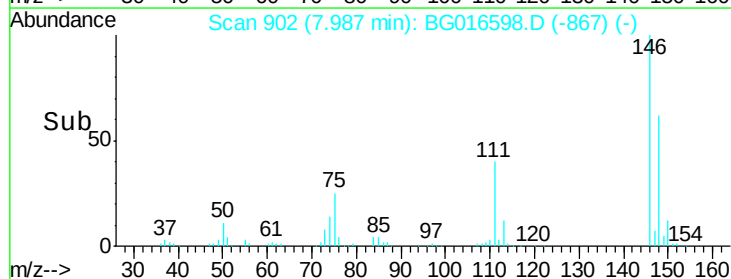
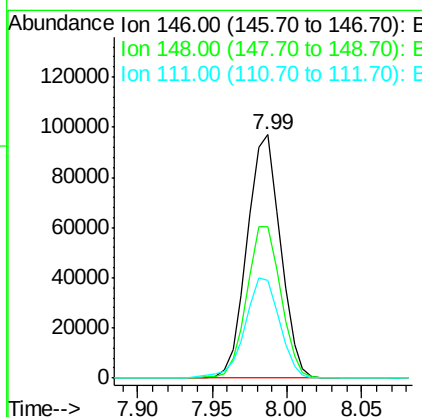
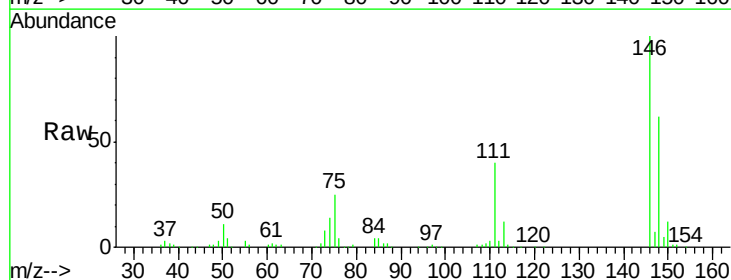
Manual Integrations
 APPROVED

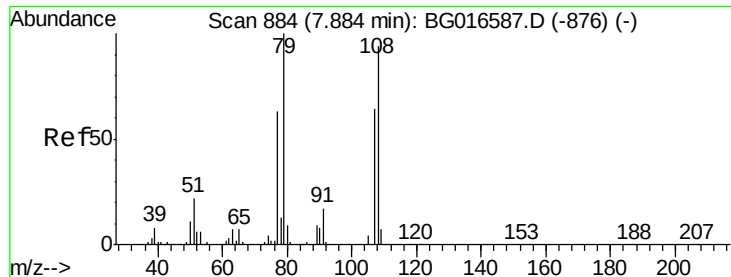
apatel
 4/22/2015 5:21:13 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.90 ng
 RT: 7.99 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.4	77.2
111	40.0	32.6	48.8





#15

Benzyl Alcohol

Concen: 36.45 ng

RT: 7.88 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Instrument :

BNA_G

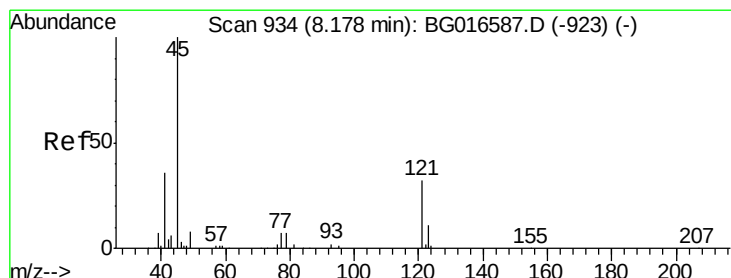
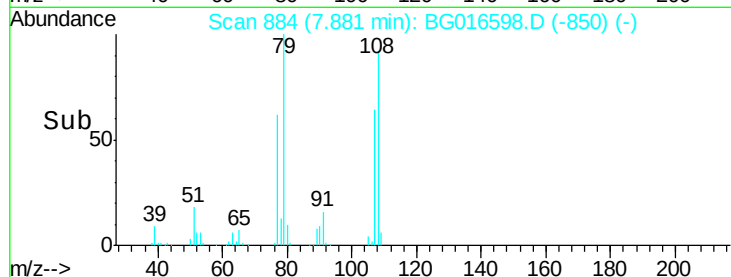
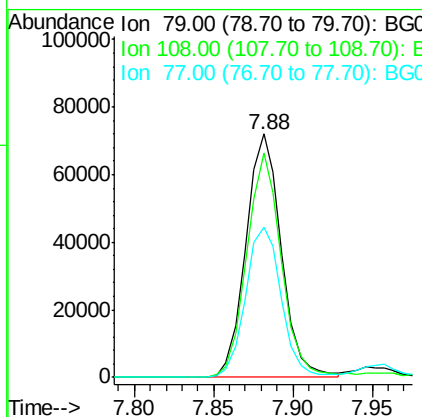
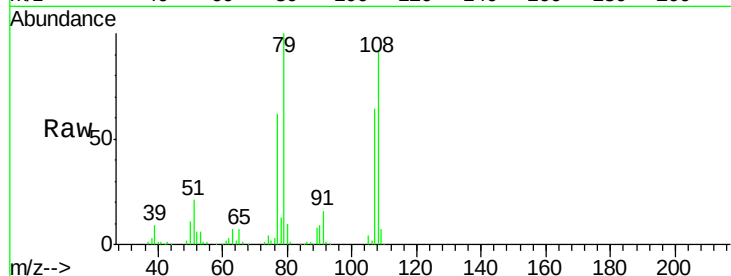
ClientSampled :

PB82889BS

Tot Ion:	79	Resp:	111638
Ion Ratio	Lower	Upper	
79	100		
108	92.3	74.8	112.2
77	61.7	50.0	75.0

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.91 ng

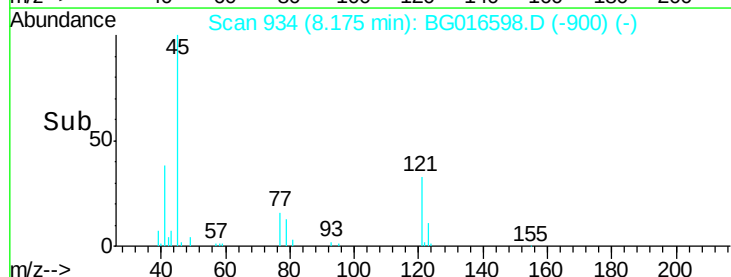
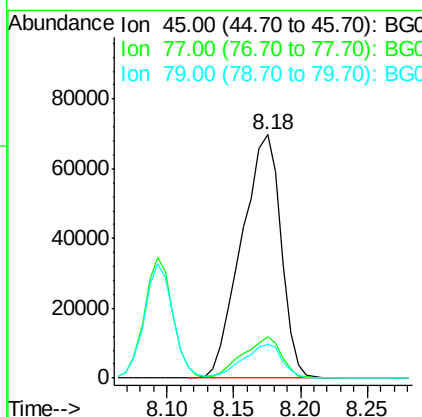
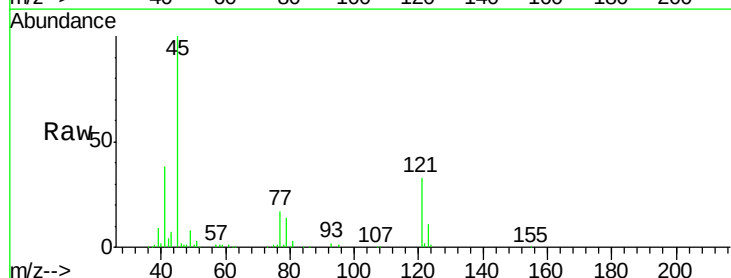
RT: 8.18 min Scan# 934

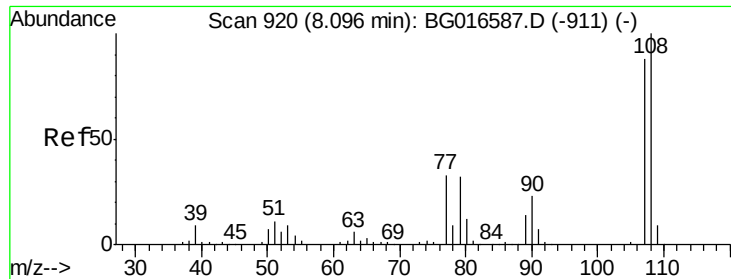
Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Tgt Ion:	45	Resp:	142482
Ion Ratio	Lower	Upper	
45	100		
77	16.8	0.0	35.7
79	13.9	0.0	34.3





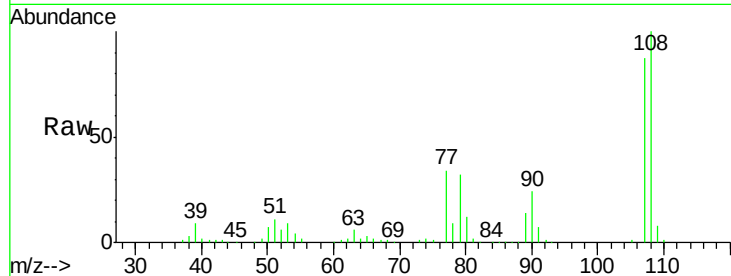
#17
2-Methylphenol
Concen: 38.62 ng
RT: 8.09 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleId :
PB82889BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	91.6	137.4	
77	39.5	30.2	45.4	
79	37.3	29.4	44.2	

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM



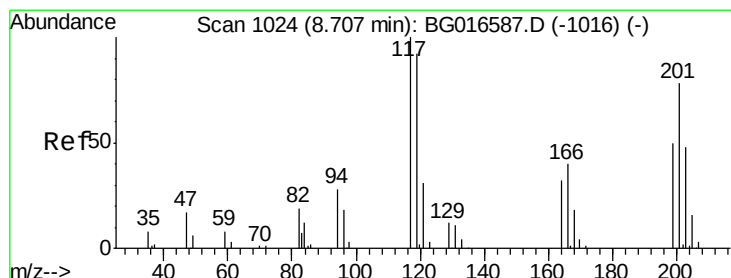
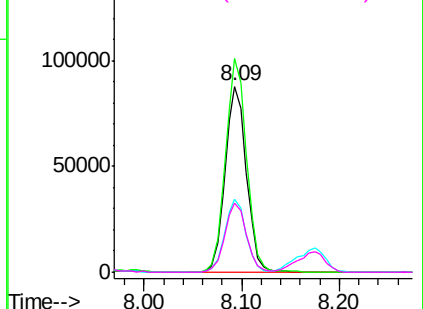
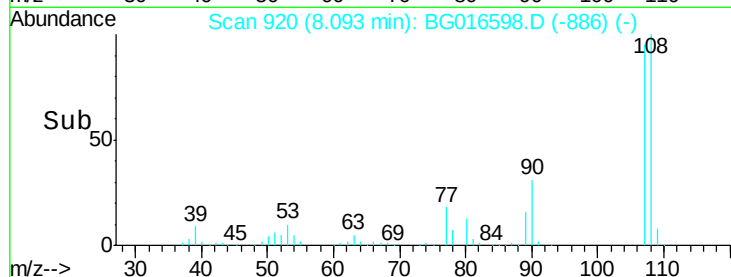
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

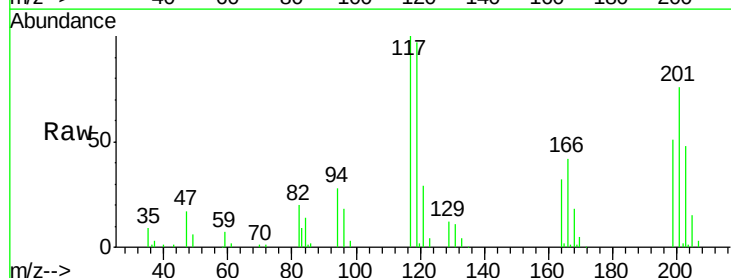
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.01 ng
RT: 8.70 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	73.8	110.8	
201	75.6	62.2	93.2	

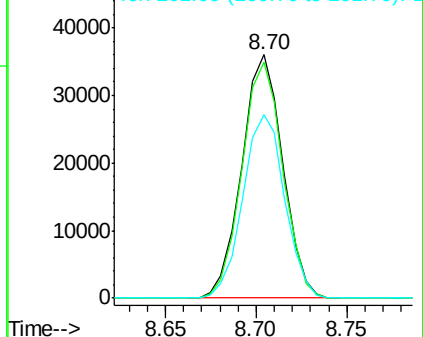
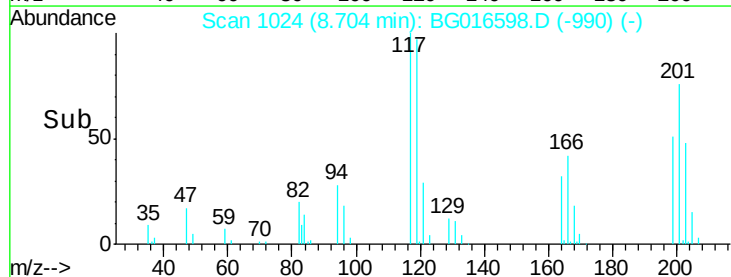


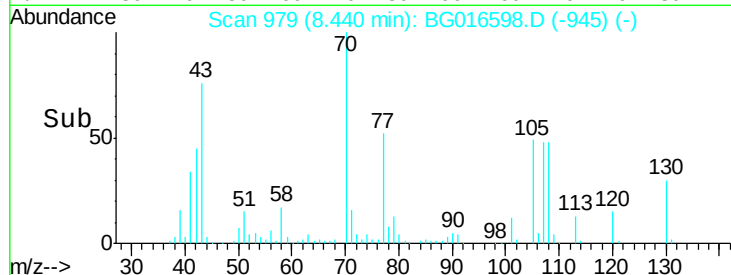
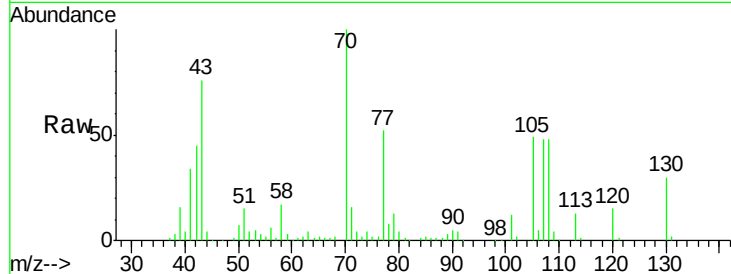
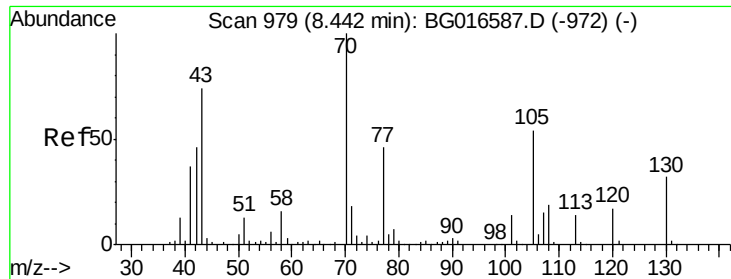
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





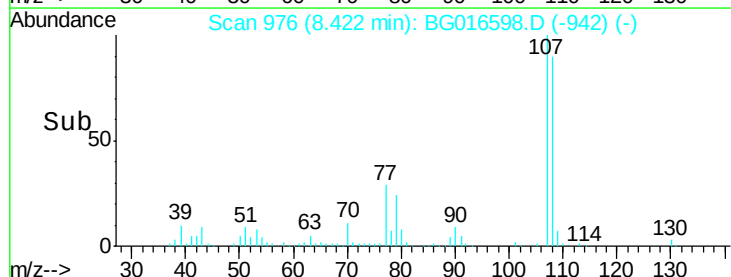
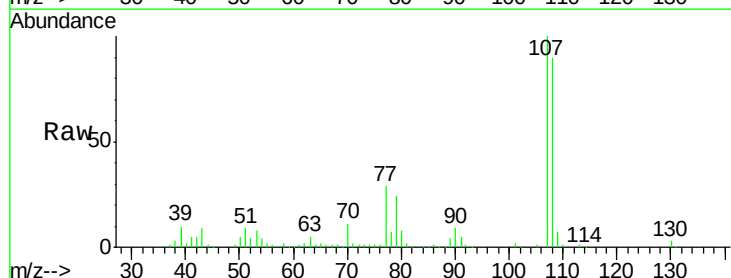
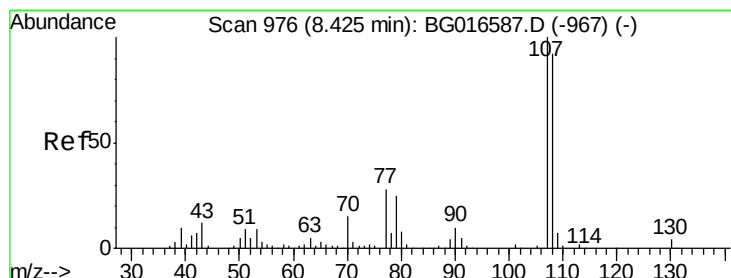
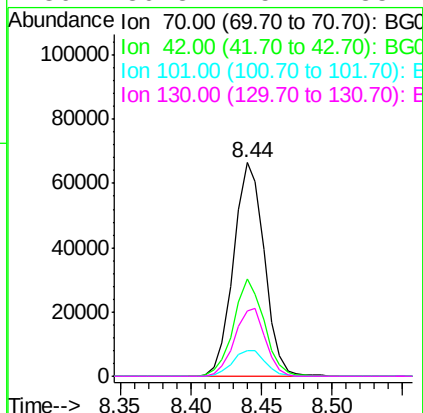
#19
n-Nitroso-di-n-propylamine
Concen: 32.44 ng
RT: 8.44 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleID :
PB82889BS

Manual Integrations
APPROVED

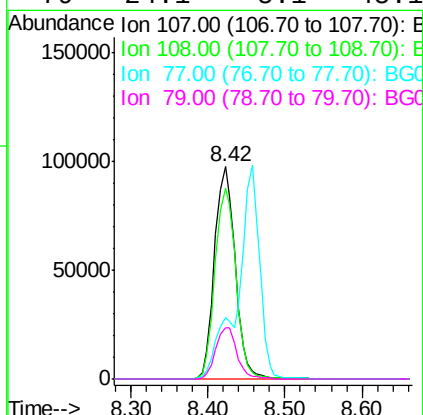
apatel
4/22/2015 5:21:13 PM

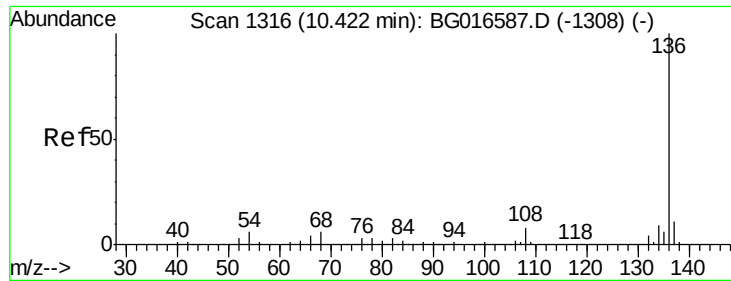
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	45.3	36.9	55.3		
101	12.2	10.8	16.2		
130	30.3	25.4	38.2		



#20
3+4-Methylphenols
Concen: 38.30 ng
RT: 8.42 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.6	71.6	111.6		
77	28.7	7.6	47.6		
79	24.1	5.1	45.1		





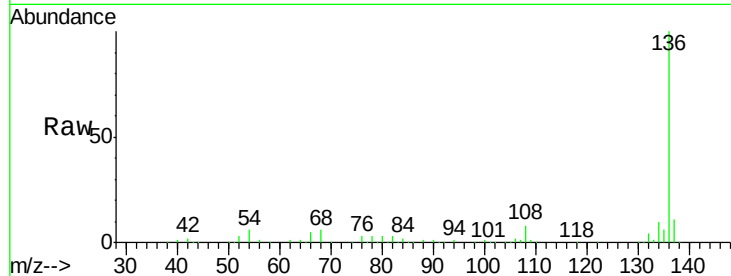
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleId :
PB82889BS

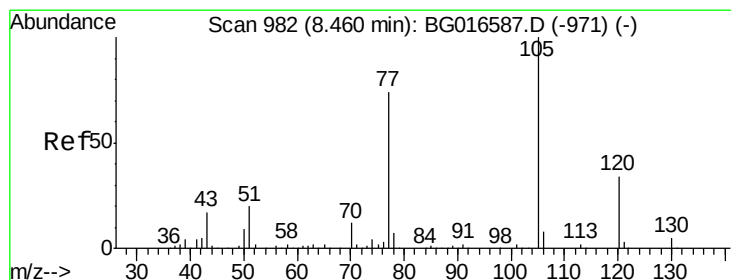
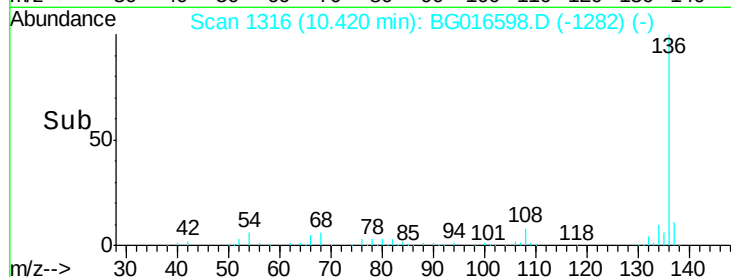
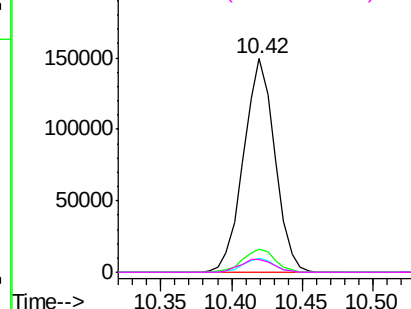
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		231494		
137	10.9		8.8	13.2	
54	6.3		4.9	7.3	
68	6.3		4.9	7.3	

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM



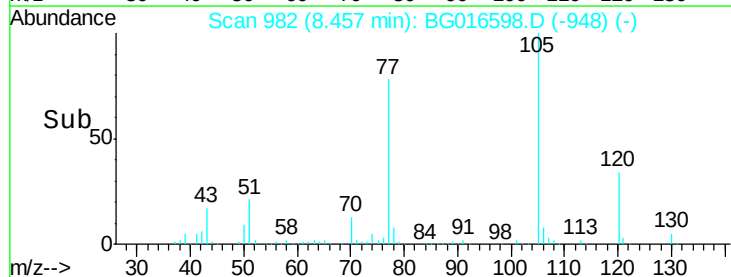
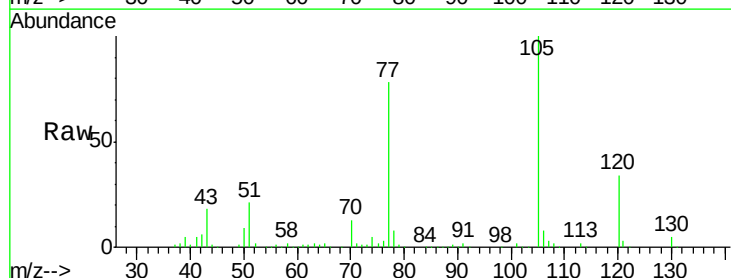
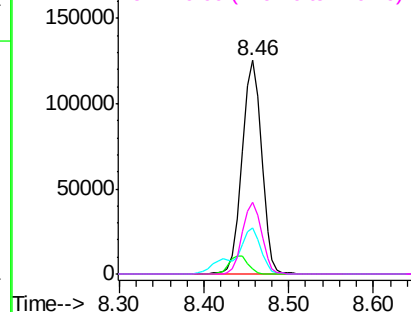
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

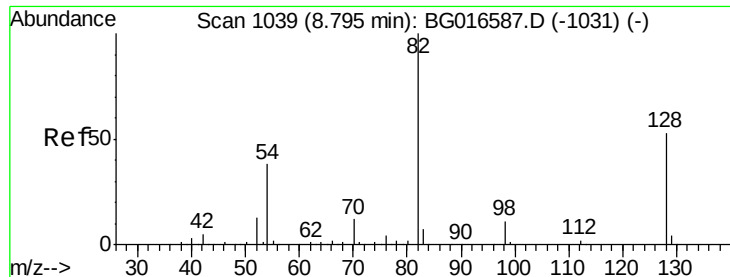


#22
Acetophenone
Concen: 38.47 ng
RT: 8.46 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		198375		
71	2.4		1.8	2.6	
51	21.5		16.5	24.7	
120	33.8		26.8	40.2	

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





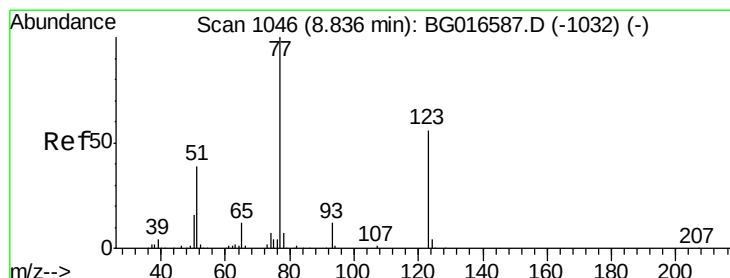
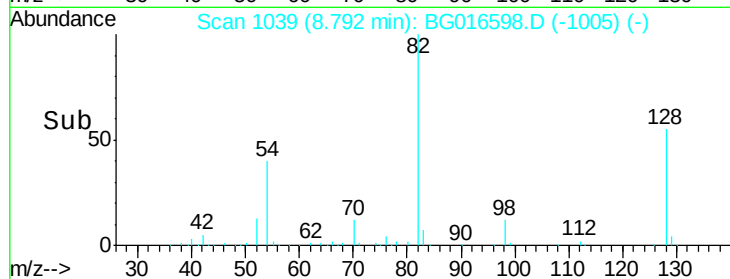
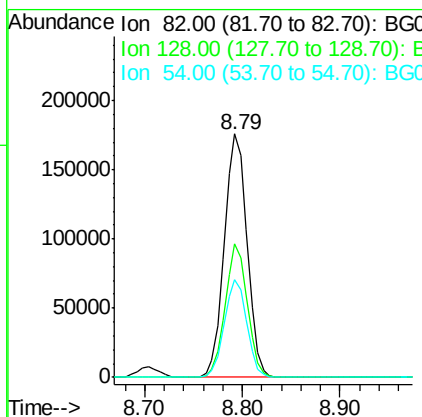
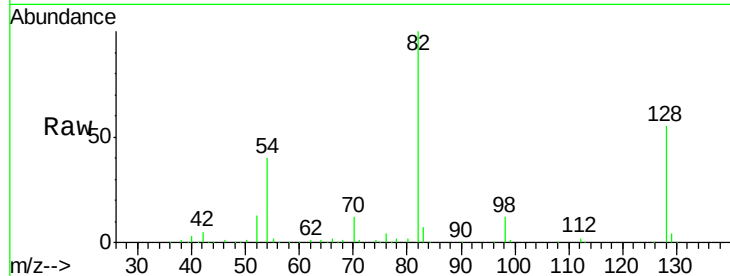
#23
Nitrobenzene-d5
Concen: 75.77 ng
RT: 8.79 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleId :
PB82889BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	284853		
128	54.7		42.7	64.1
54	40.3		30.6	45.8

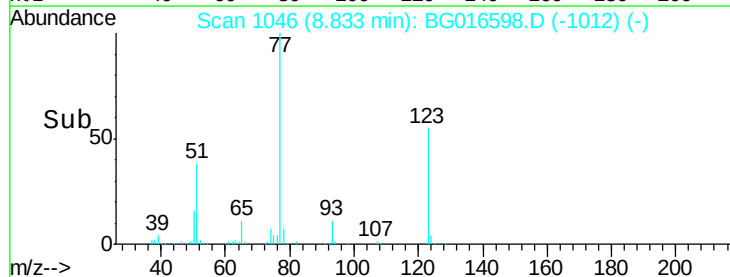
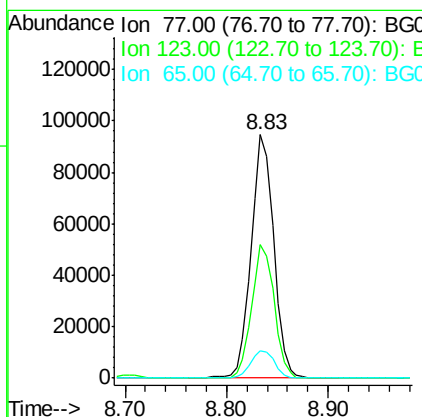
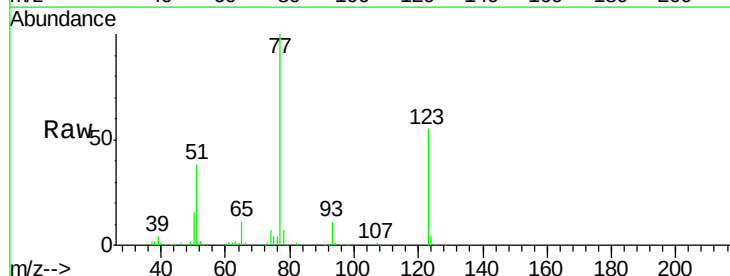
Manual Integrations
APPROVED

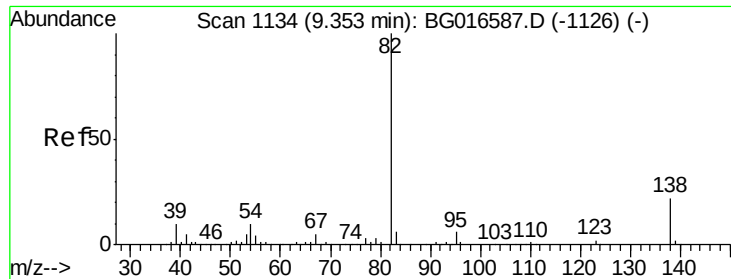
apatel
4/22/2015 5:21:13 PM



#24
Nitrobenzene
Concen: 37.48 ng
RT: 8.83 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	146643		
123	55.1		44.8	67.2
65	11.2		9.8	14.6





#25

Isophorone

Concen: 35.98 ng

RT: 9.35 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Instrument :

BNA_G

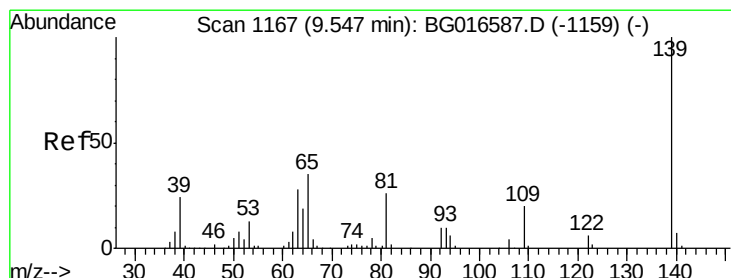
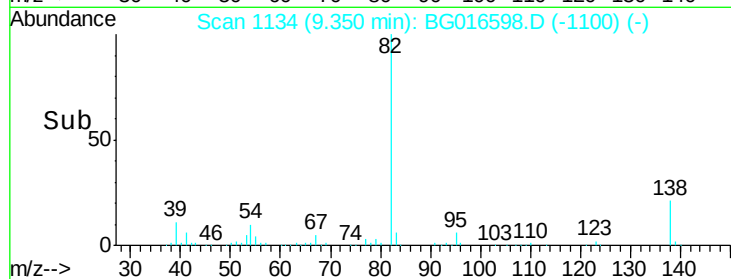
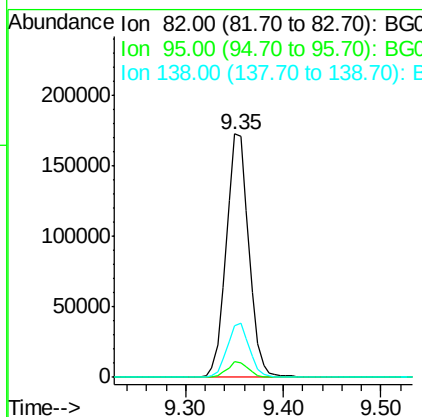
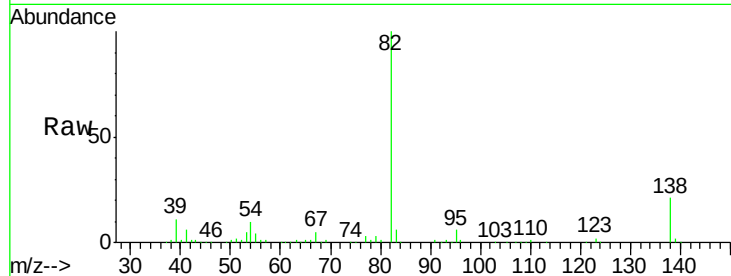
ClientSampleId :

PB82889BS

Tot Ion:	82	Resp:	276907
Ion Ratio		Lower	Upper
82	100		
95	6.4	4.9	7.3
138	21.0	17.7	26.5

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM



#26

2-Nitrophenol

Concen: 38.69 ng

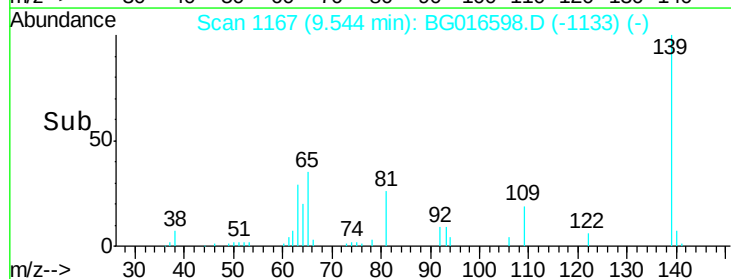
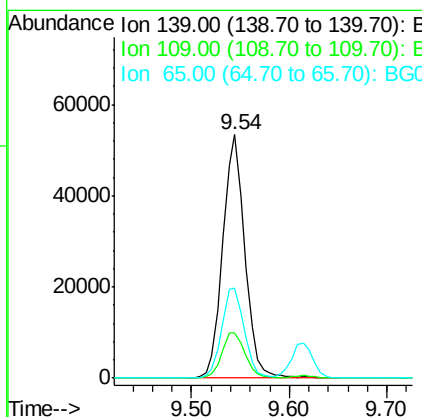
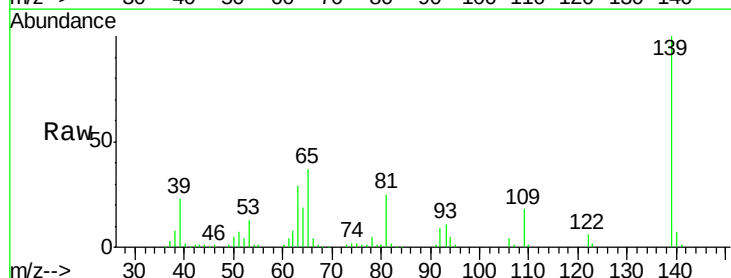
RT: 9.54 min Scan# 1167

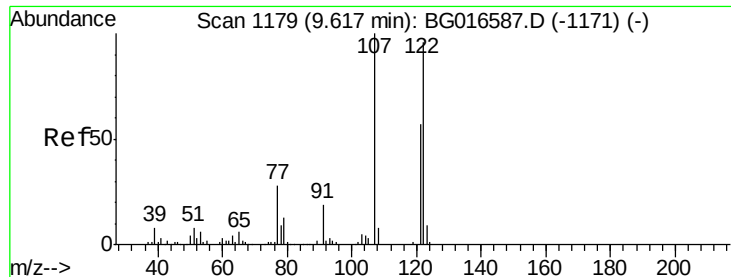
Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Tgt Ion:	139	Resp:	83592
Ion Ratio		Lower	Upper
139	100		
109	18.4	16.2	24.2
65	37.1	28.2	42.4





#27

2,4-Dimethylphenol

Concen: 41.62 ng

RT: 9.61 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Instrument :

BNA_G

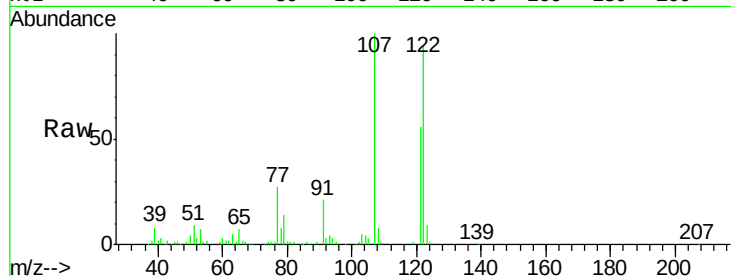
ClientSampleId :

PB82889BS

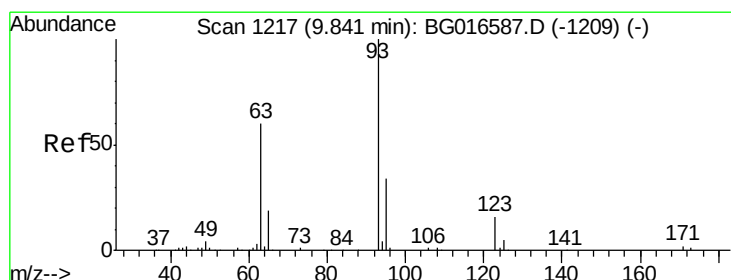
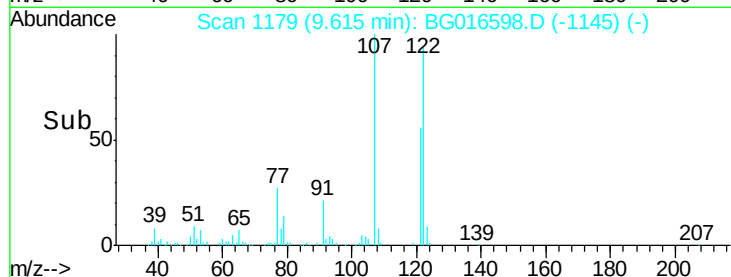
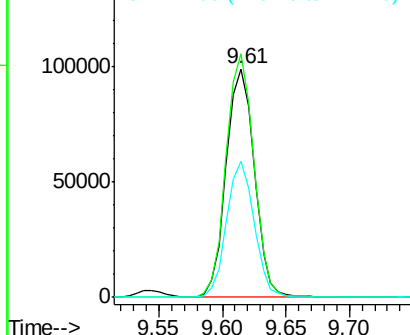
Tot Ion:	122	Resp:	152887
Ion Ratio	Lower	Upper	
122	100		
107	106.4	82.9	124.3
121	59.2	47.0	70.4

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.26 ng

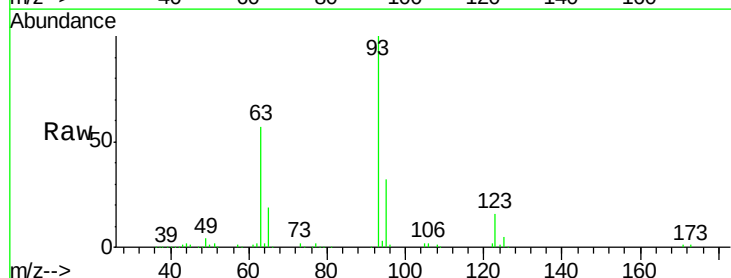
RT: 9.84 min Scan# 1218

Delta R.T. 0.00 min

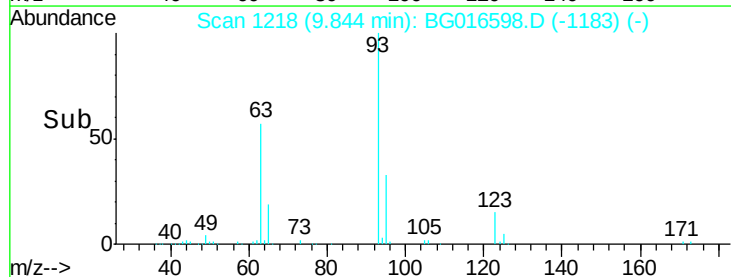
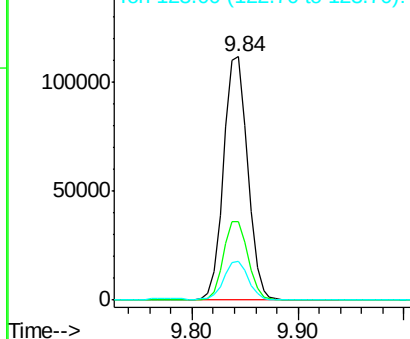
Lab File: BG016598.D

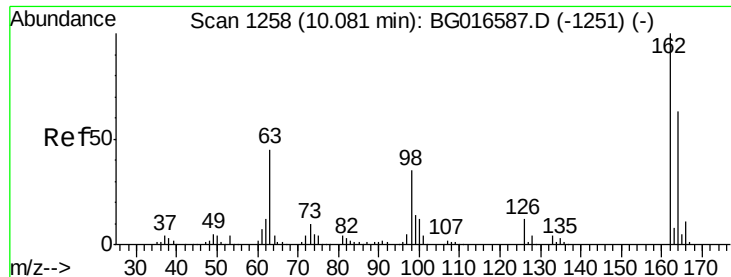
Acq: 21 Apr 2015 23:52

Tgt Ion:	93	Resp:	176562
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.9	40.3
123	15.7	13.0	19.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





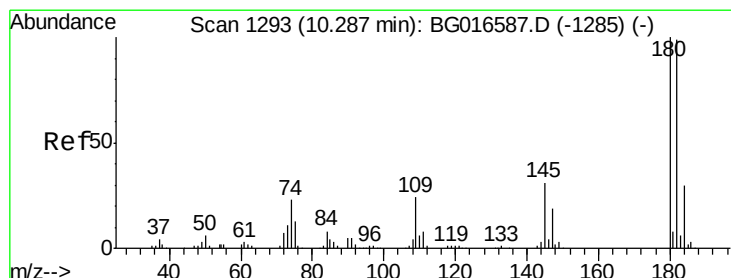
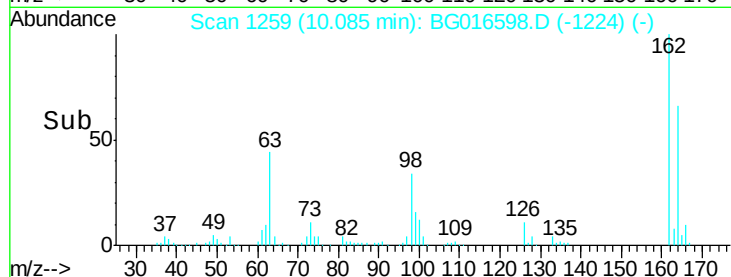
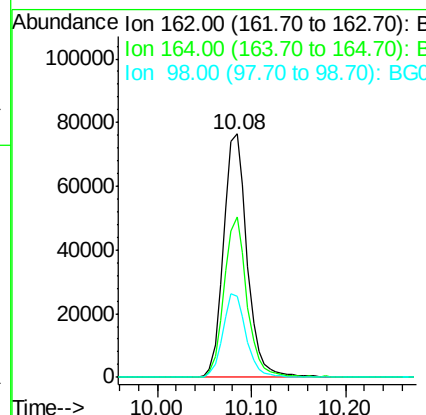
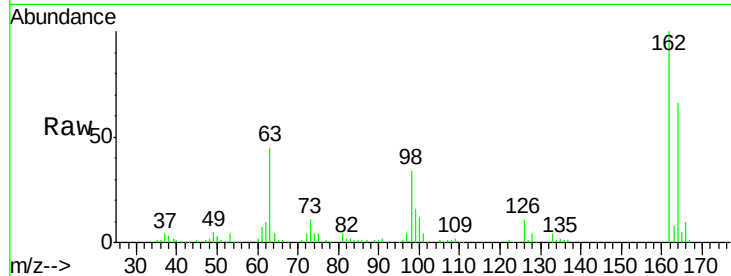
#29
 2,4-Dichlorophenol
 Concen: 44.25 ng
 RT: 10.08 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Instrument :
 BNA_G
 ClientSampleId :
 PB82889BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		134416		
164	65.8	42.6	82.6		
98	33.5	15.1	55.1		

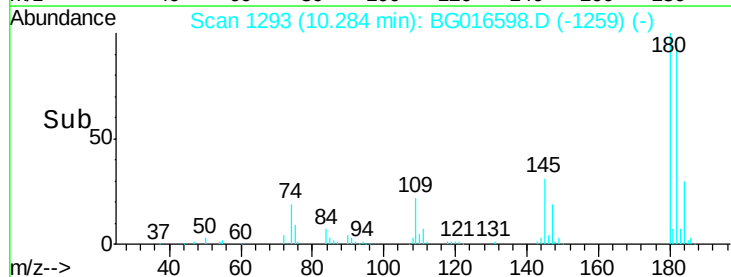
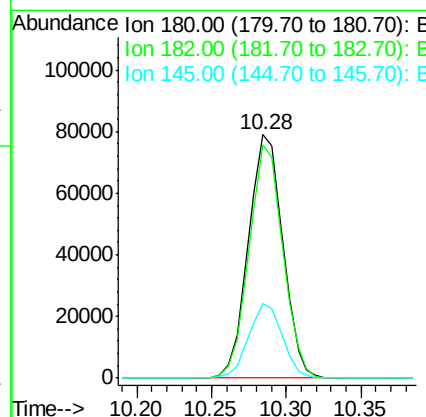
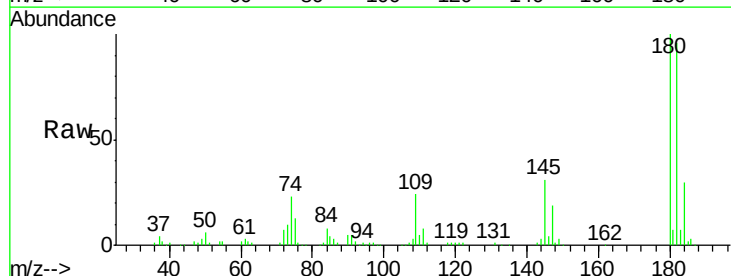
Manual Integrations
 APPROVED

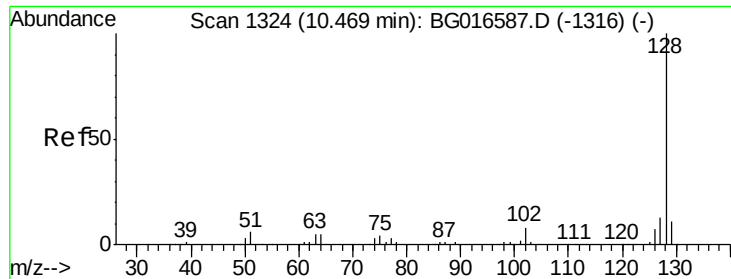
apatel
 4/22/2015 5:21:13 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.92 ng
 RT: 10.28 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		125681		
182	95.7	78.9	118.3		
145	30.6	24.8	37.2		





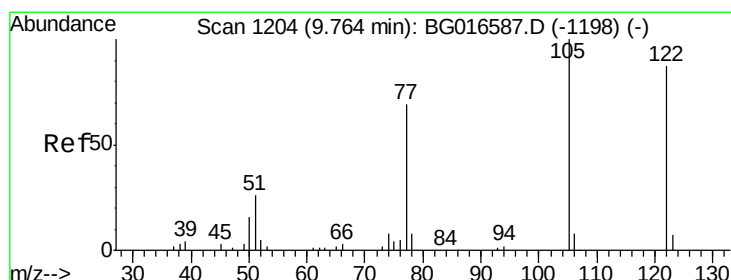
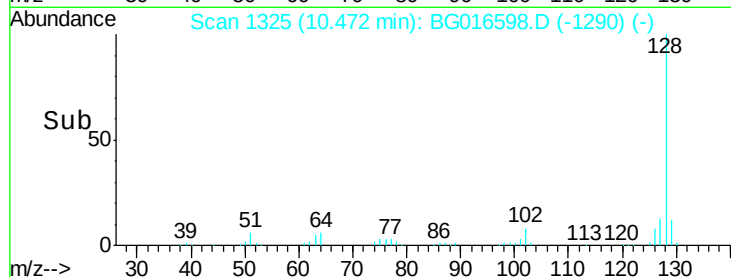
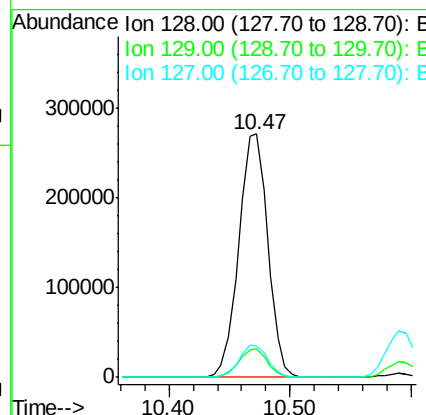
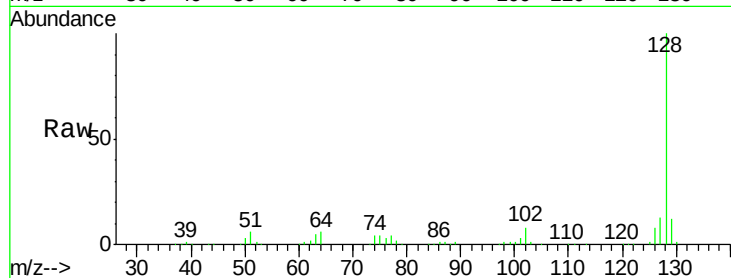
#31
Naphthalene
Concen: 37.55 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleId :
PB82889BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	453796		
129	11.6		9.2	13.8
127	13.0		10.6	16.0

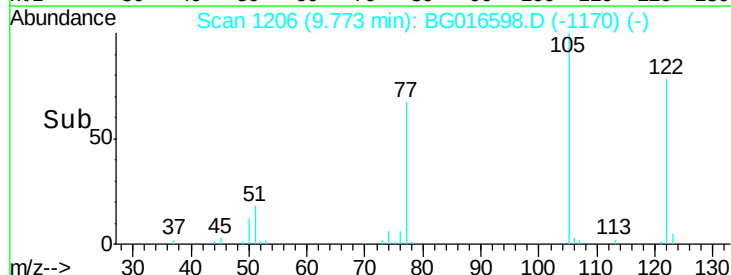
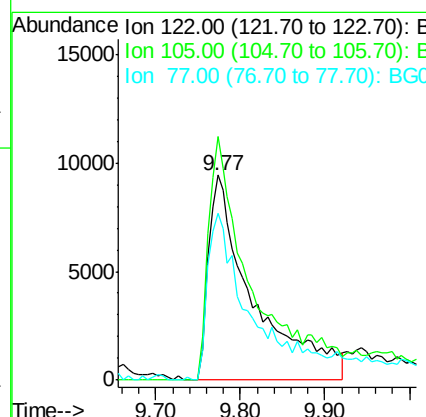
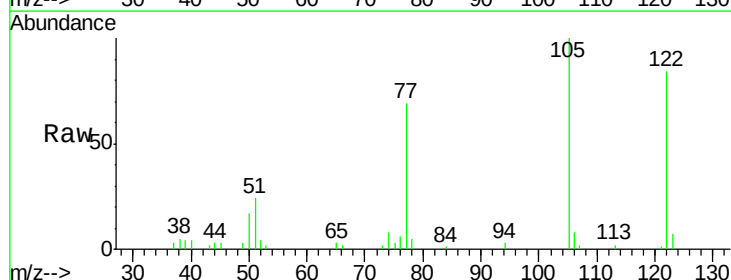
Manual Integrations
APPROVED

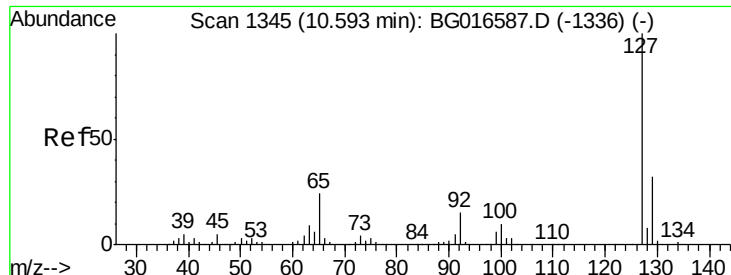
apatel
4/22/2015 5:21:13 PM



#32
Benzoic acid
Concen: 32.17 ng
RT: 9.77 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	34950		
105	118.7		95.5	135.5
77	81.4		60.2	100.2





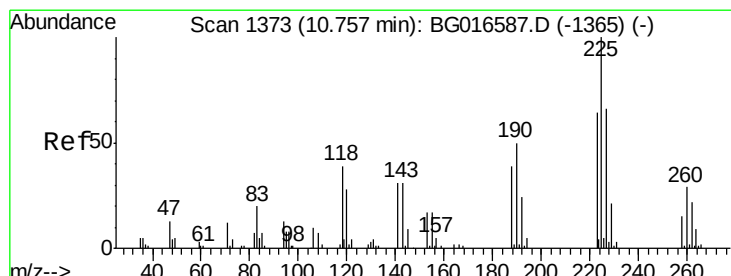
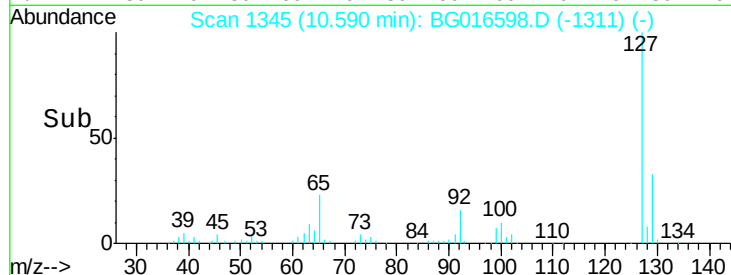
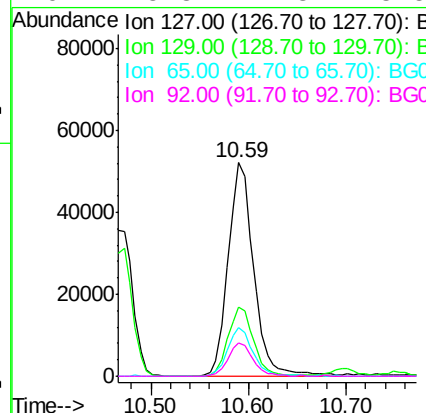
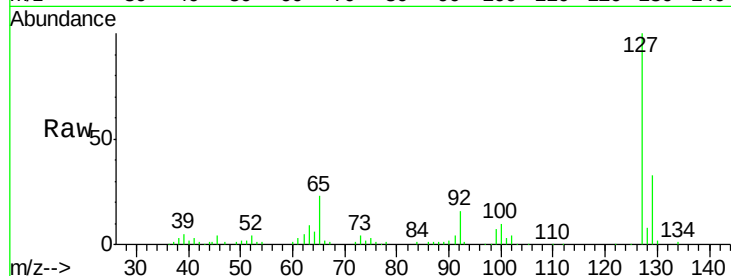
#33
4-Chloroaniline
Concen: 17.19 ng
RT: 10.59 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleId :
PB82889BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.4	38.0		
65	22.6	19.0	28.4		
92	15.8	12.3	18.5		

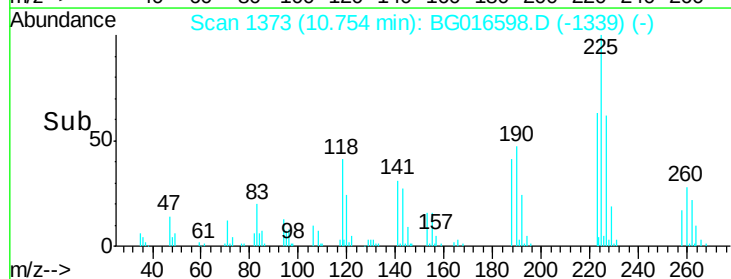
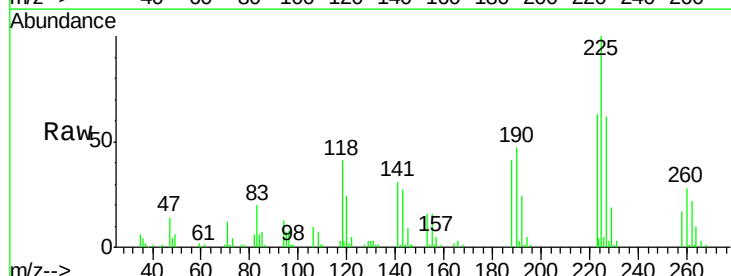
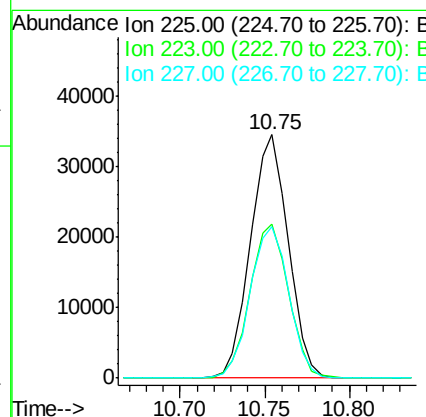
Manual Integrations
APPROVED

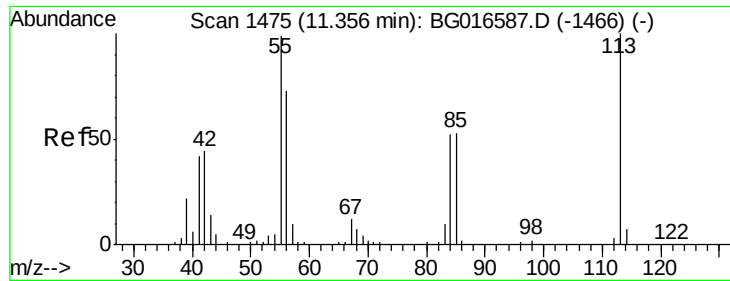
apatel
4/22/2015 5:21:13 PM



#34
Hexachlorobutadiene
Concen: 37.46 ng
RT: 10.75 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	51.0	76.4		
227	62.2	52.7	79.1		





#35

Caprolactam

Concen: 38.42 ng/ml

RT: 11.35 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Instrument :

BNA_G

ClientSampleID :

PB82889BS

Tot Ion: 113 Resp: 67573

Ion Ratio Lower Upper

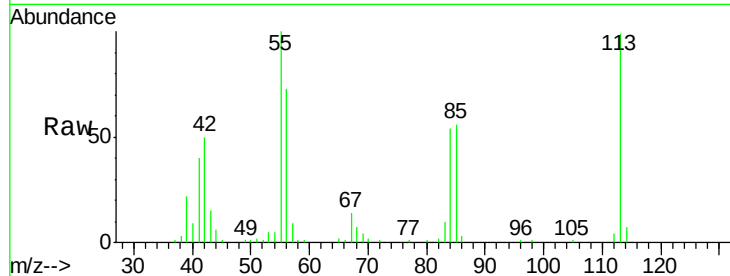
113 100

55 101.4 79.2 119.2

56 74.2 53.2 93.2

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM

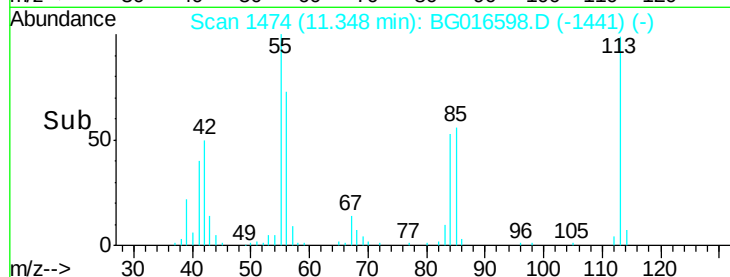


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

Time-->

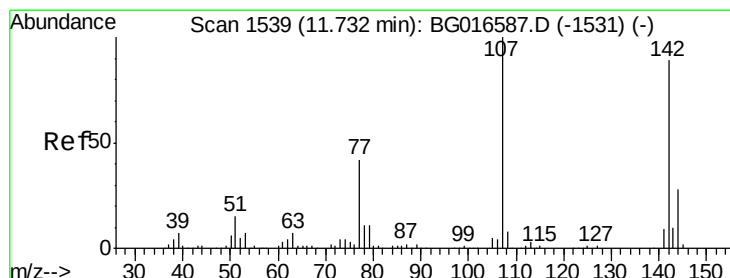


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

Time-->



#36

4-Chloro-3-methylphenol

Concen: 41.07 ng/ml

RT: 11.73 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

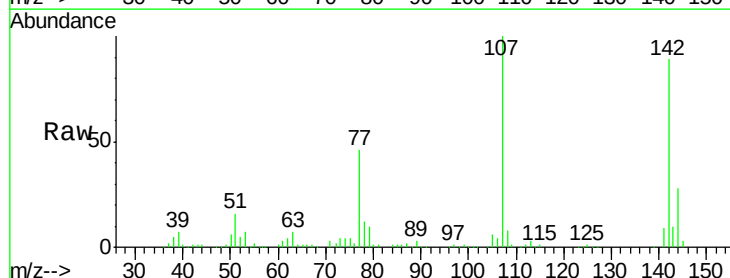
Tgt Ion: 107 Resp: 150638

Ion Ratio Lower Upper

107 100

144 28.5 22.3 33.5

142 88.9 71.3 106.9

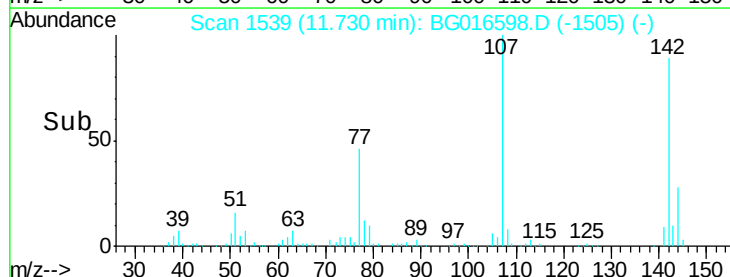


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->

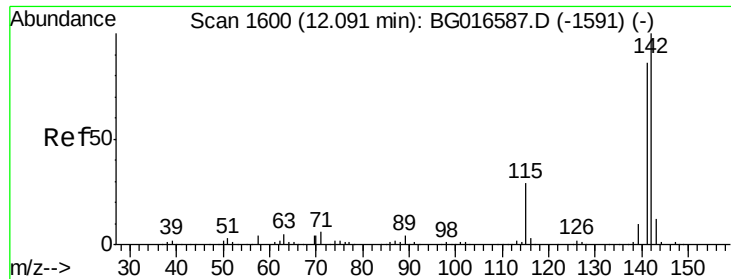


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



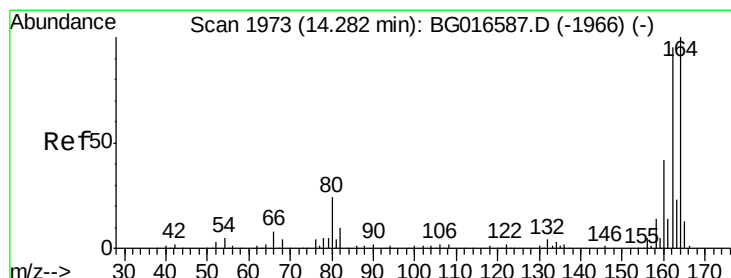
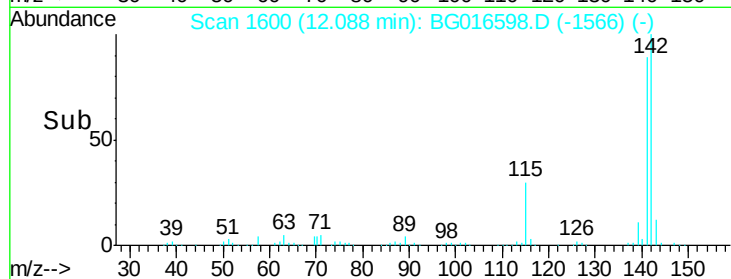
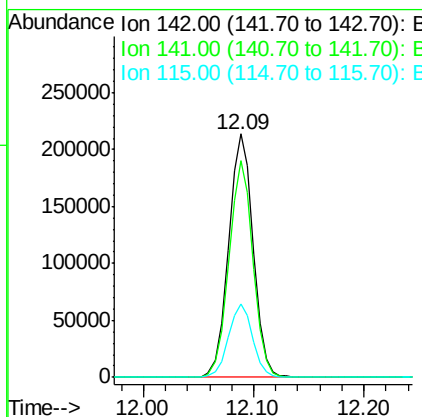
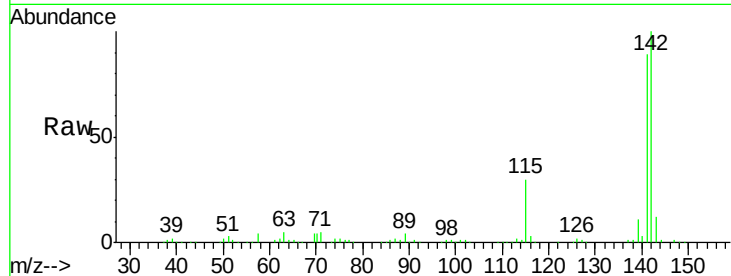
#37
 2-Methylnaphthalene
 Concen: 38.40 ng
 RT: 12.09 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Instrument :
 BNA_G
 ClientSampleId :
 PB82889BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	68.6	102.8
115	30.1	23.3	34.9

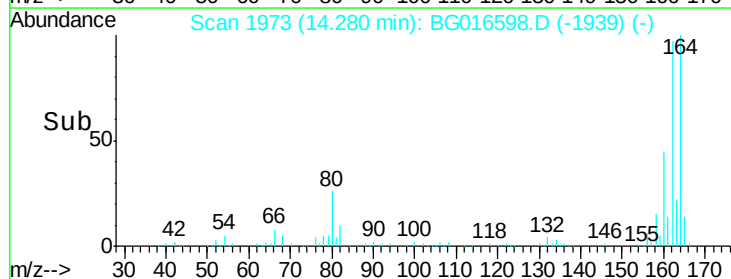
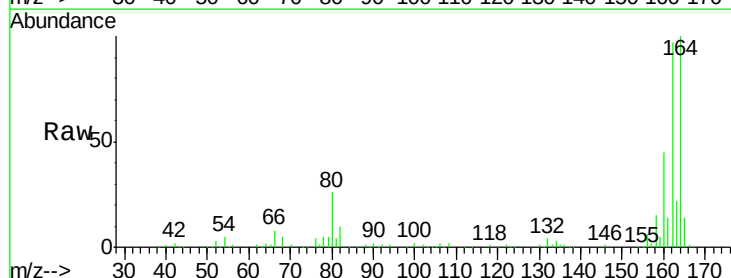
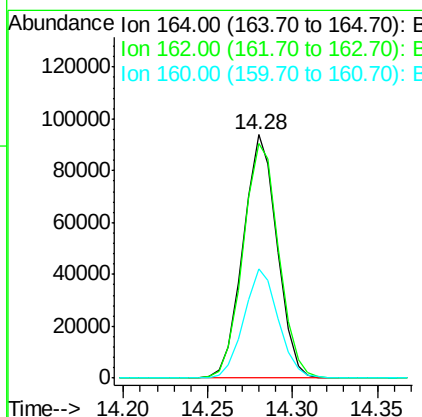
Manual Integrations
 APPROVED

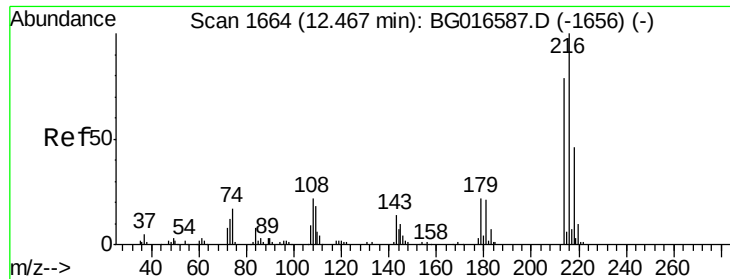
apatel
 4/22/2015 5:21:13 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.28 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.6	75.8	113.6
160	44.6	33.8	50.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.71 ng

RT: 12.46 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG016598.D

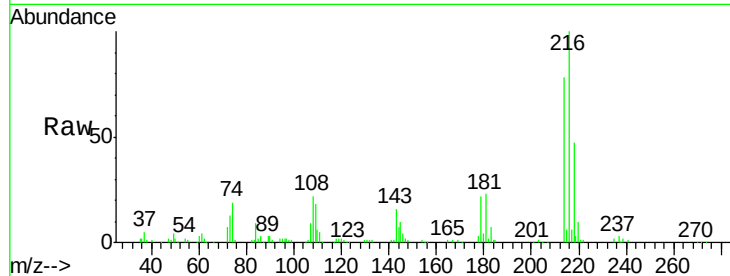
Acq: 21 Apr 2015 23:52

Instrument :

BNA_G

ClientSampleId :

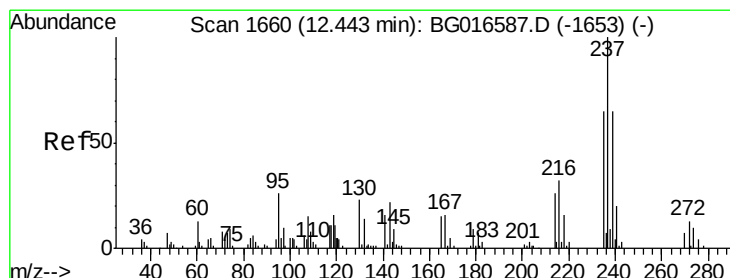
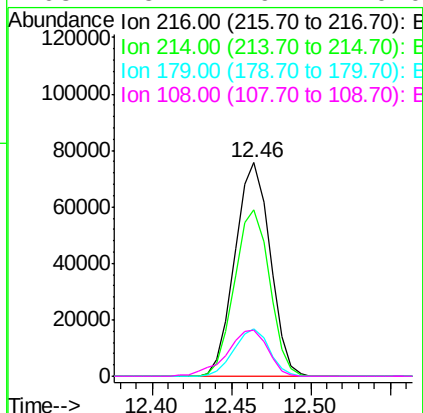
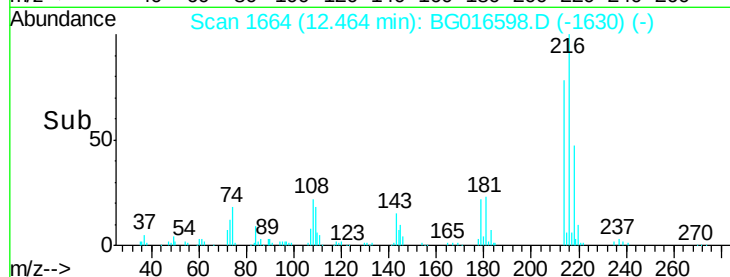
PB82889BS



Tot Ion	Ratio	Lower	Upper
216	100		
214	77.6	63.8	95.6
179	22.3	18.4	27.6
108	25.2	19.4	29.0

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM



#40

Hexachlorocyclopentadiene

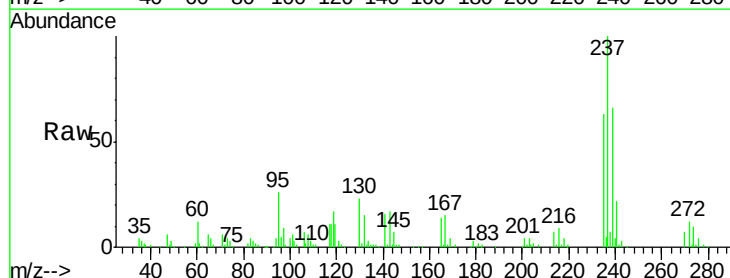
Concen: 74.58 ng

RT: 12.44 min Scan# 1660

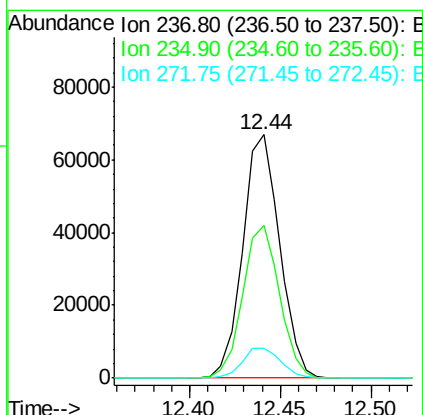
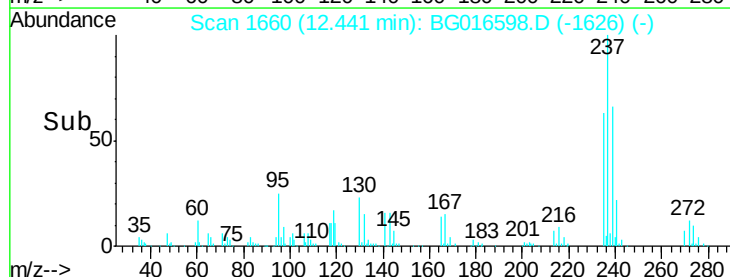
Delta R.T. -0.00 min

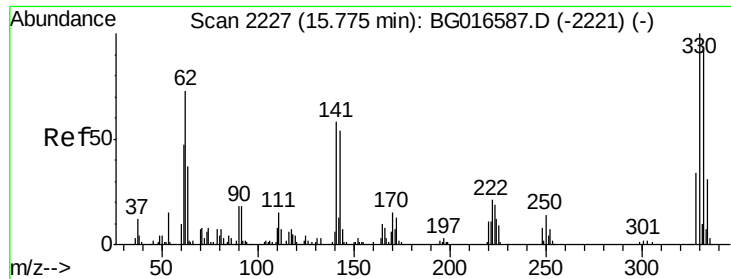
Lab File: BG016598.D

Acq: 21 Apr 2015 23:52



Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.5	44.7	84.7
272	12.3	0.0	32.6





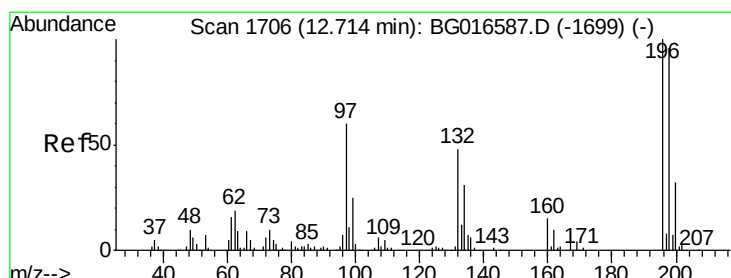
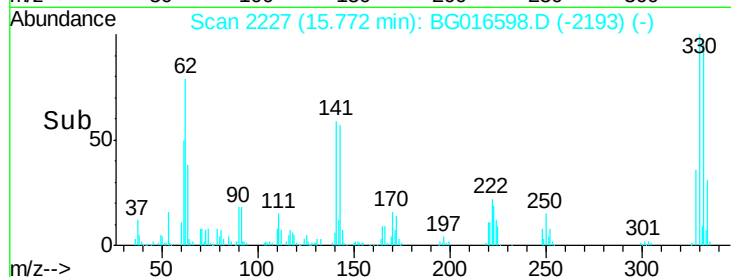
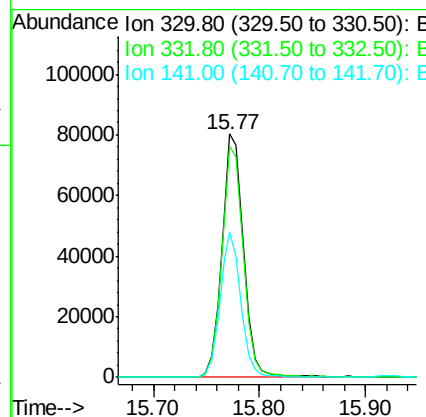
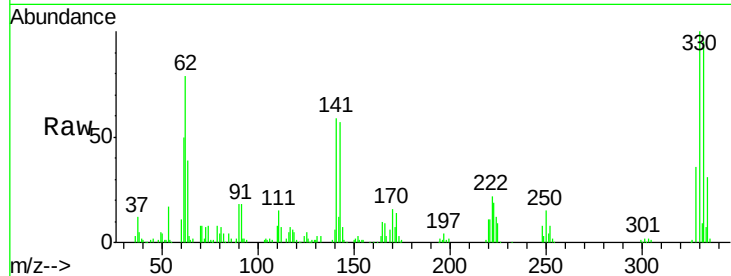
#41
 2,4,6-Tribromophenol
 Concen: 128.45 ng
 RT: 15.77 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Instrument :
 BNA_G
 ClientSampled :
 PB82889BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	114742		
332	95.6	76.6	114.8	
141	57.7	45.9	68.9	

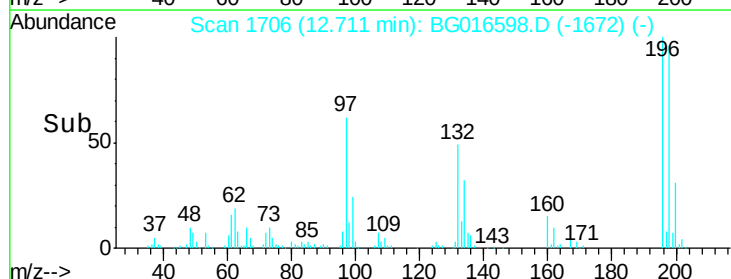
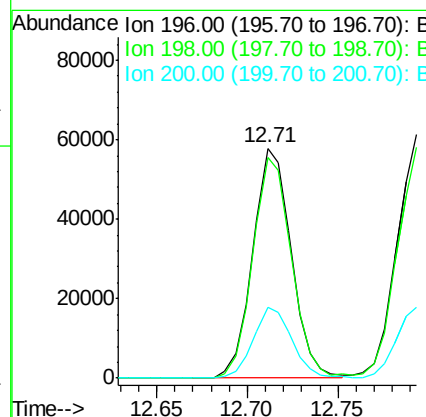
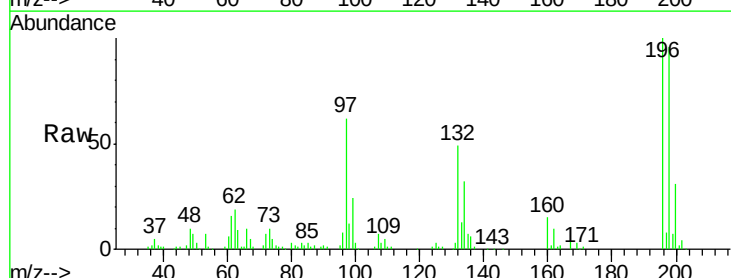
Manual Integrations
 APPROVED

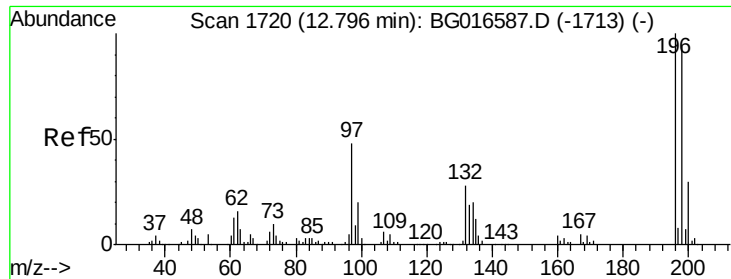
apatel
 4/22/2015 5:21:13 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.79 ng
 RT: 12.71 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	85239		
198	95.7	76.6	114.8	
200	31.0	25.8	38.6	





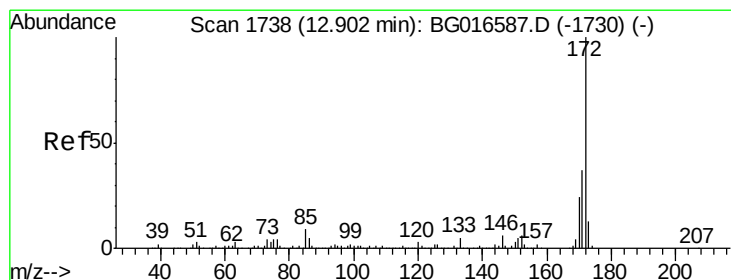
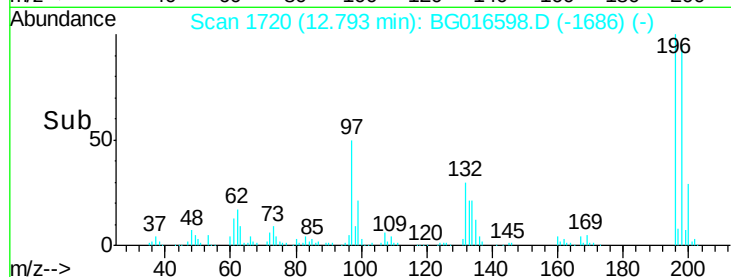
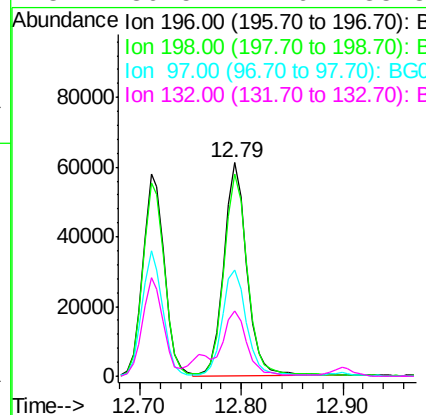
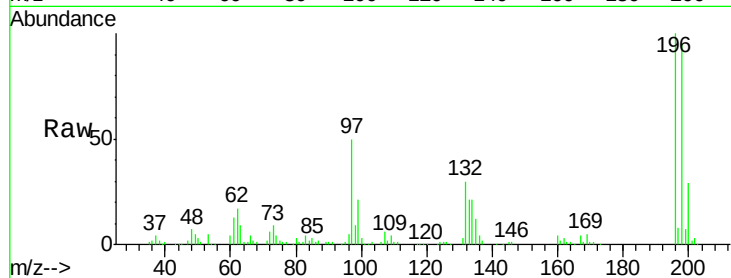
#43
 2,4,5-Trichlorophenol
 Concen: 42.39 ng
 RT: 12.79 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Instrument :
 BNA_G
 ClientSampleId :
 PB82889BS

Tot Ion:	196	Resp:	96822
Ion Ratio	Lower	Upper	
196	100		
198	94.8	75.4	113.2
97	49.6	38.9	58.3
132	30.5	22.6	33.8

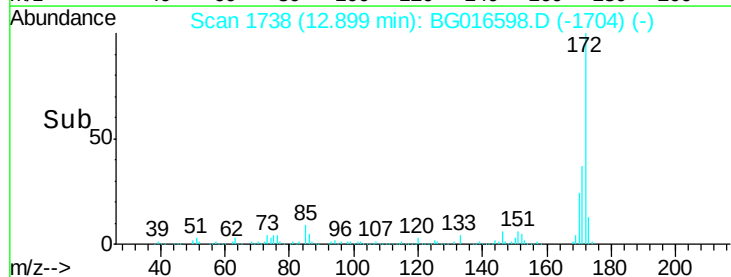
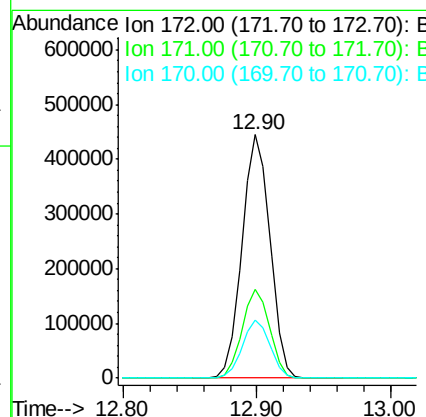
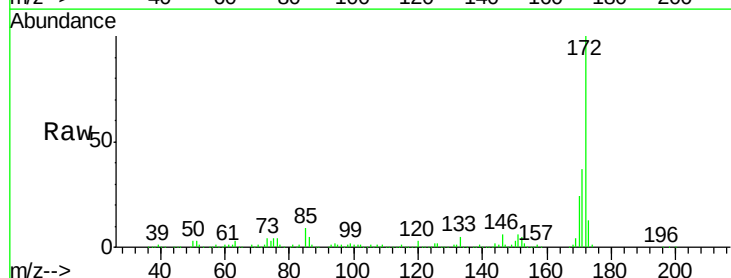
Manual Integrations
 APPROVED

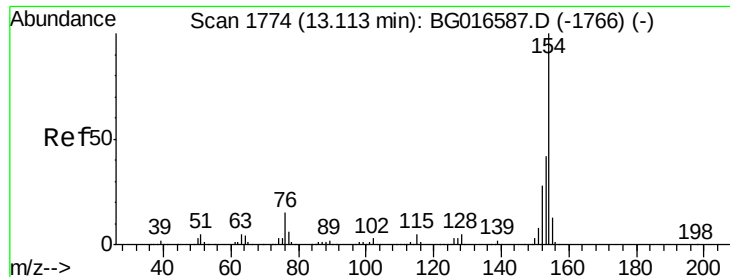
apatel
 4/22/2015 5:21:13 PM



#44
 2-Fluorobiphenyl
 Concen: 80.78 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Tgt Ion:	172	Resp:	641511
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.6	44.4
170	23.7	19.4	29.0





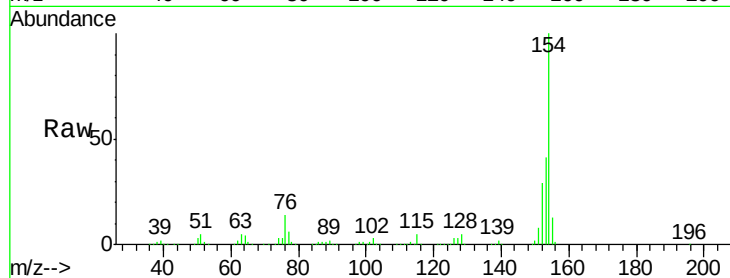
#45
 1,1'-Biphenyl
 Concen: 39.82 ng
 RT: 13.11 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Instrument :
 BNA_G
 ClientSampleId :
 PB82889BS

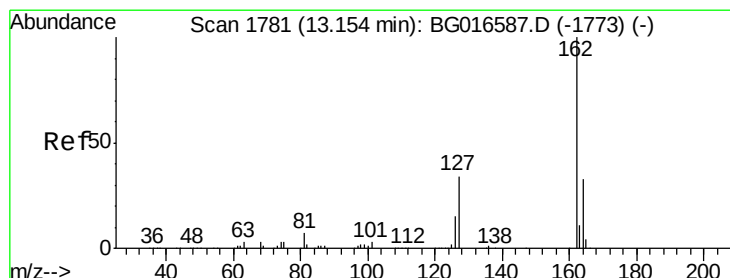
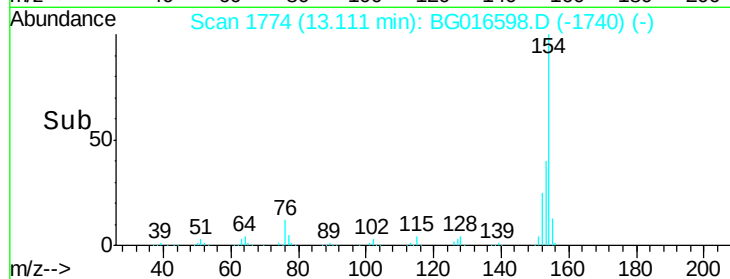
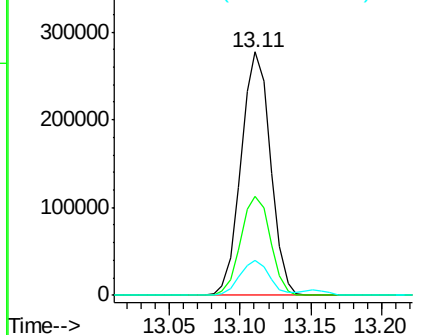
Tot Ion:	154	Resp:	403360
Ion Ratio	Lower	Upper	
154	100		
153	40.8	22.4	62.4
76	14.5	0.0	35.1

Manual Integrations
 APPROVED

apatel
 4/22/2015 5:21:13 PM

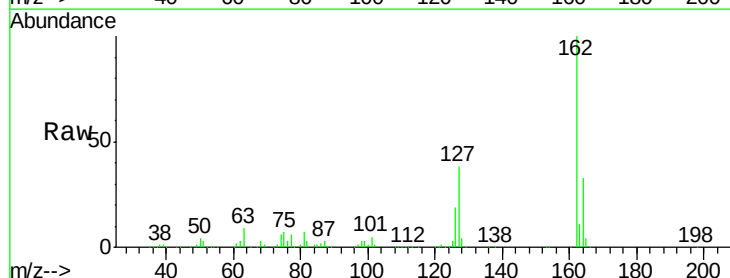


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

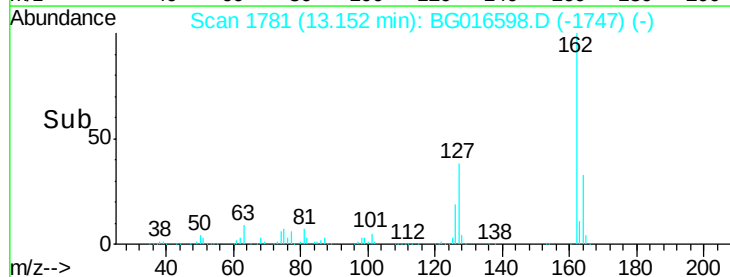
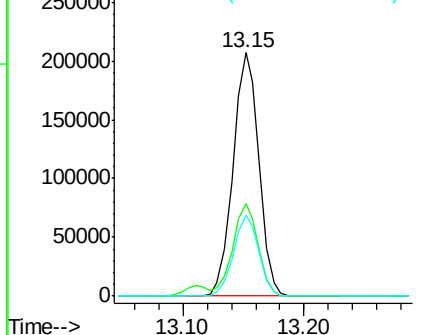


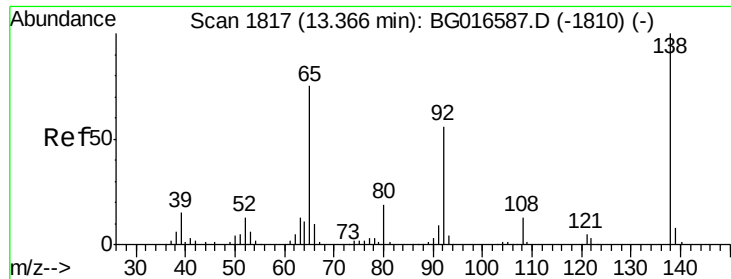
#46
 2-Chloronaphthalene
 Concen: 39.52 ng
 RT: 13.15 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Tgt Ion:	162	Resp:	306536
Ion Ratio	Lower	Upper	
162	100		
127	37.9	30.3	45.5
164	33.1	26.6	39.8



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





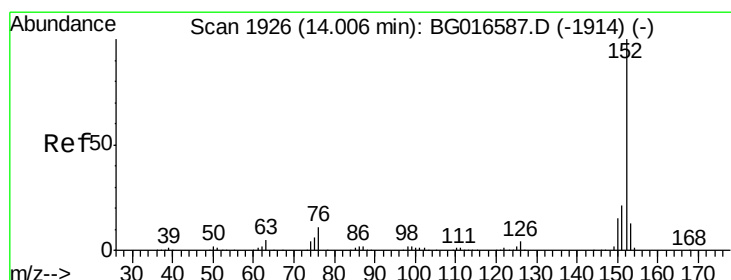
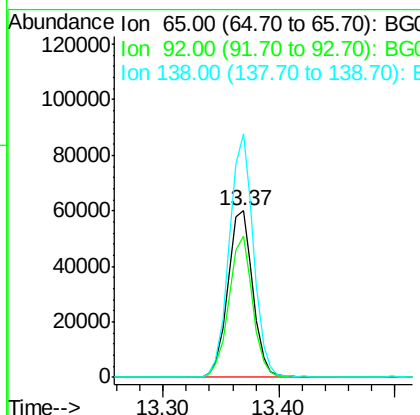
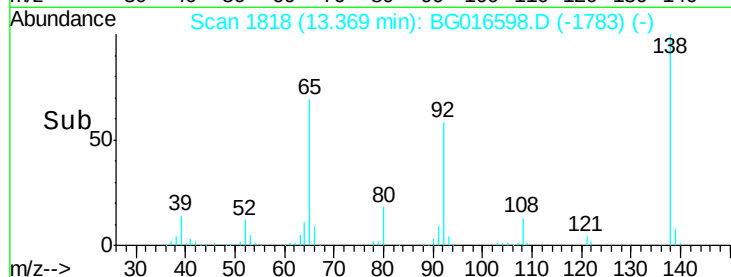
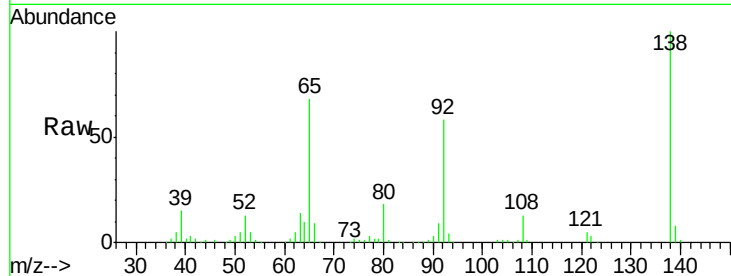
#47
2-Nitroaniline
Concen: 39.71 ng
RT: 13.37 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleId :
PB82889BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	84.6	60.3	90.5
138	146.0	106.9	160.3

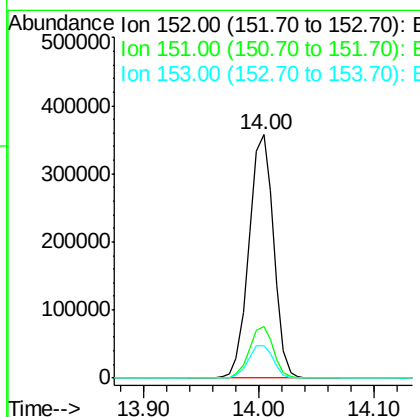
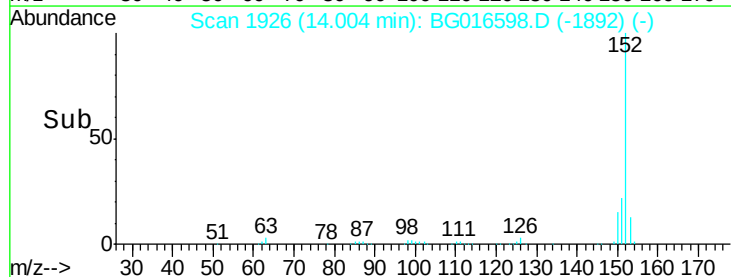
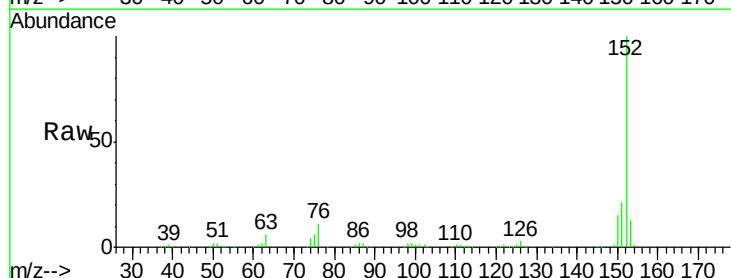
Manual Integrations
APPROVED

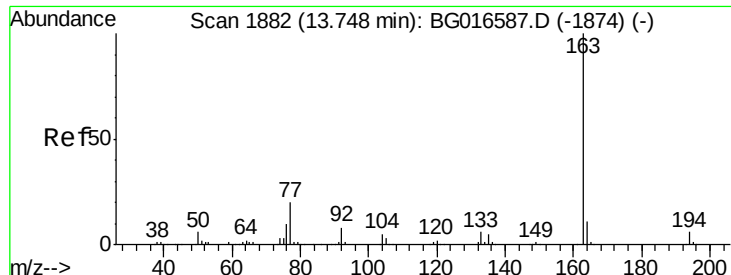
apatel
4/22/2015 5:21:13 PM



#48
Acenaphthylene
Concen: 38.56 ng
RT: 14.00 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.6	25.0
153	13.4	10.4	15.6





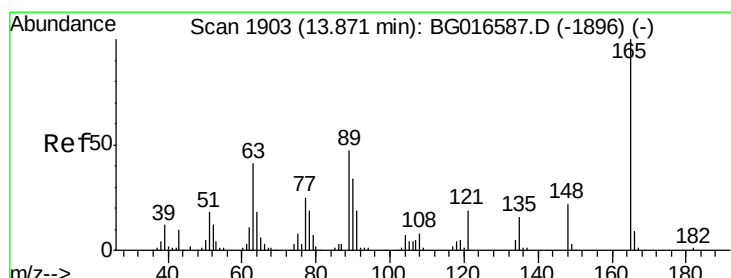
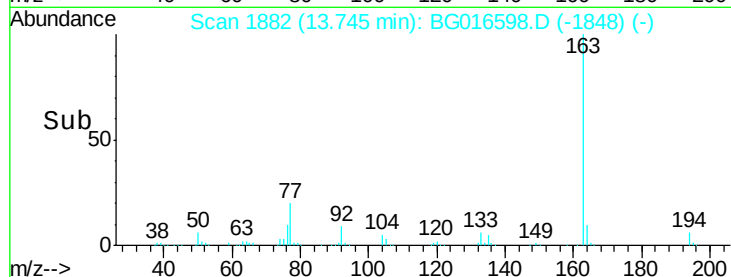
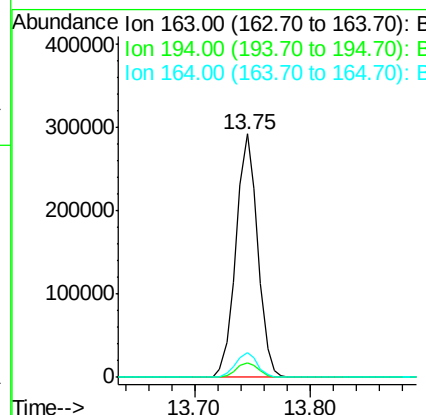
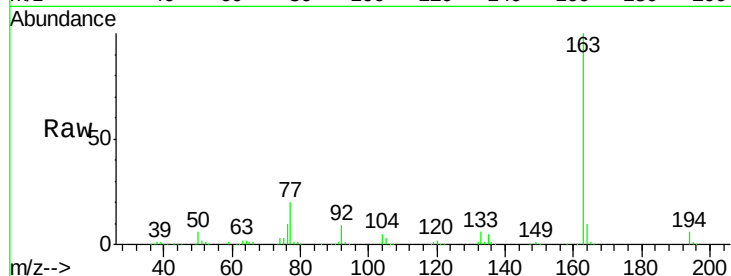
#49
Dimethylphthalate
Concen: 38.98 ng
RT: 13.75 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleId :
PB82889BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	379102		
194	5.8	4.9	7.3	
164	10.3	8.6	12.8	

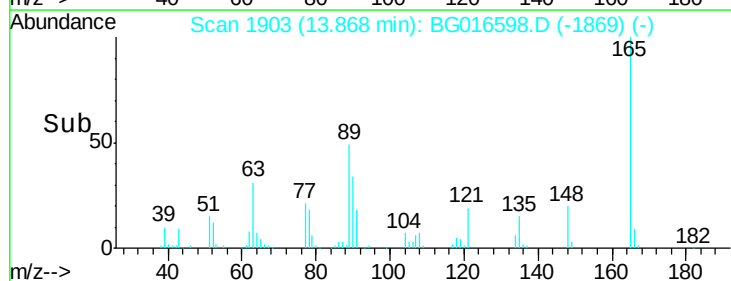
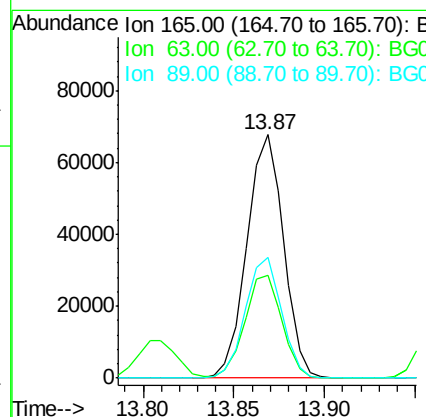
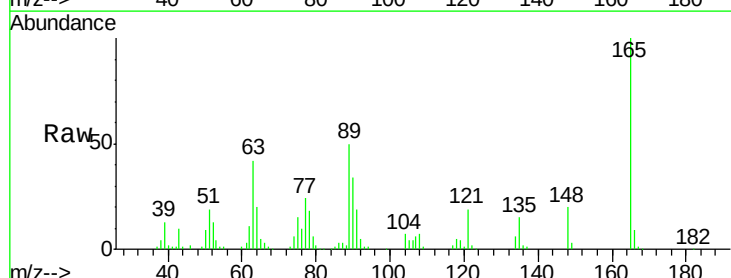
Manual Integrations
APPROVED

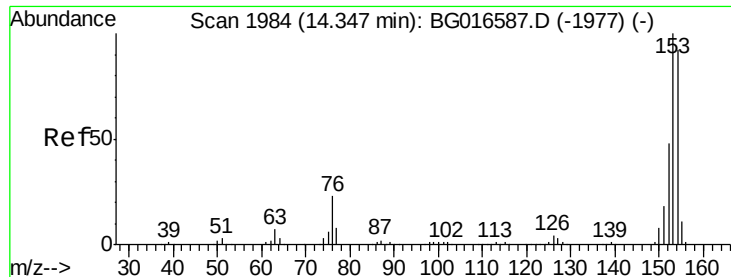
apatel
4/22/2015 5:21:13 PM



#50
2,6-Dinitrotoluene
Concen: 39.76 ng
RT: 13.87 min Scan# 1903
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	94962		
63	42.5	33.8	50.8	
89	49.7	37.8	56.8	





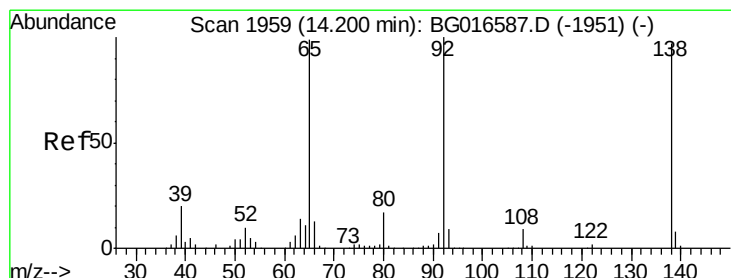
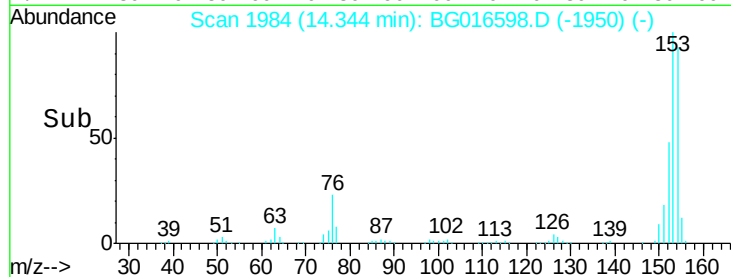
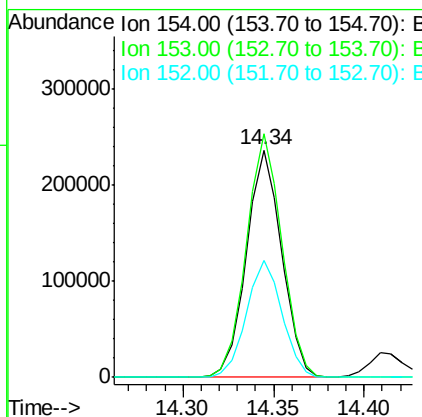
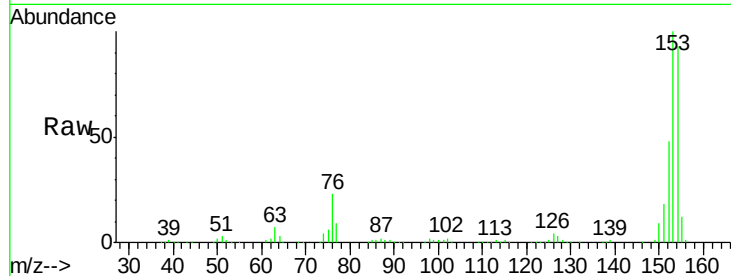
#51
Acenaphthene
Concen: 38.87 ng
RT: 14.34 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleId :
PB82889BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	107.0	87.3	130.9
152	51.4	41.4	62.2

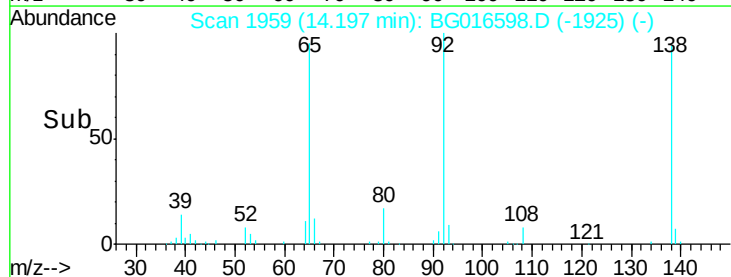
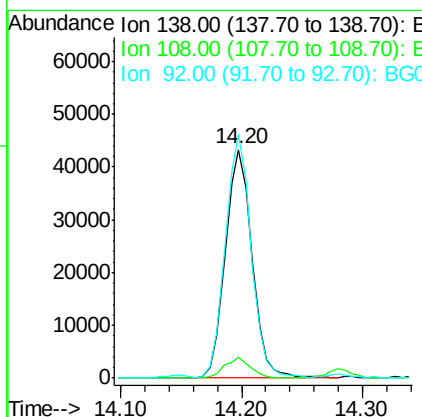
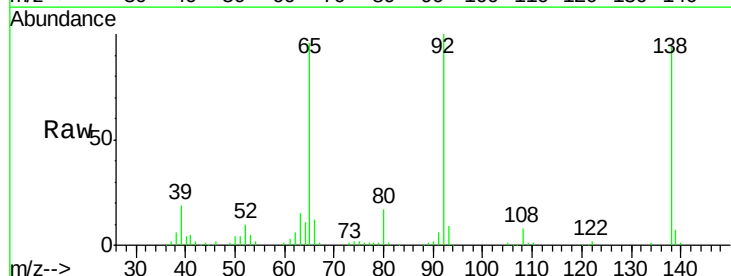
Manual Integrations
APPROVED

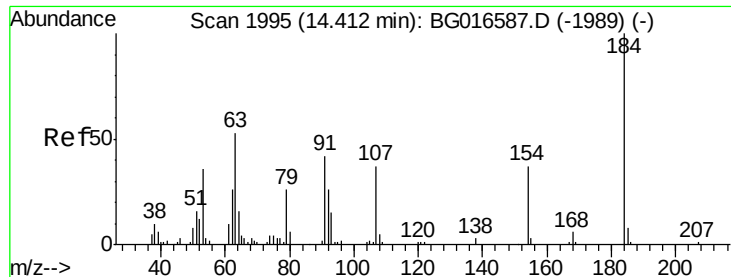
apatel
4/22/2015 5:21:13 PM



#52
3-Nitroaniline
Concen: 22.55 ng
RT: 14.20 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.9	7.8	11.6
92	106.6	82.2	123.2





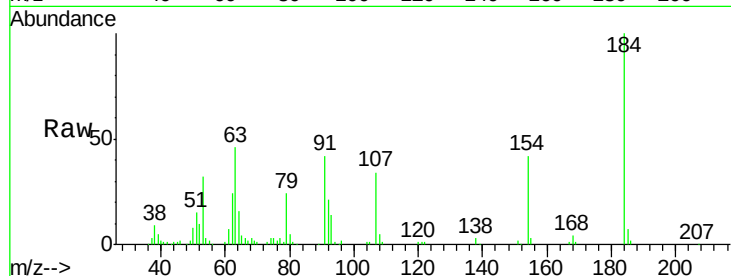
#53
 2,4-Dinitrophenol
 Concen: 79.06 ng
 RT: 14.41 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Instrument :
 BNA_G
 ClientSampleId :
 PB82889BS

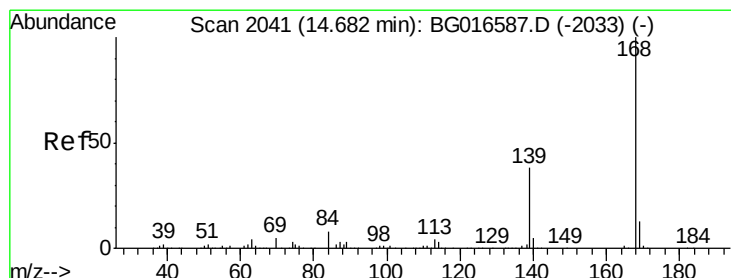
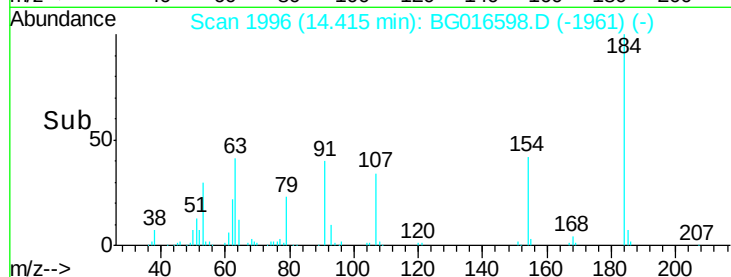
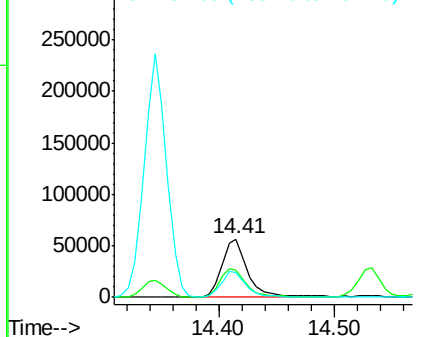
Tot Ion	Ratio	Lower	Upper
184	100		
63	46.0	42.6	64.0
154	42.1	33.4	50.0

Manual Integrations
 APPROVED

apatel
 4/22/2015 5:21:13 PM

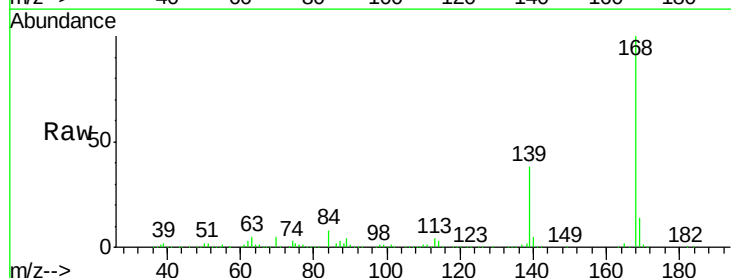


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

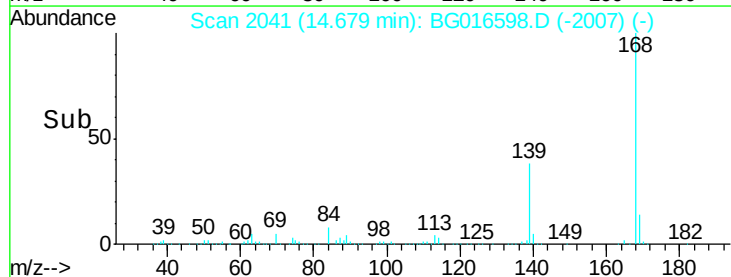
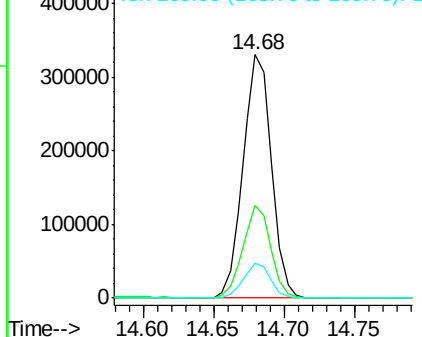


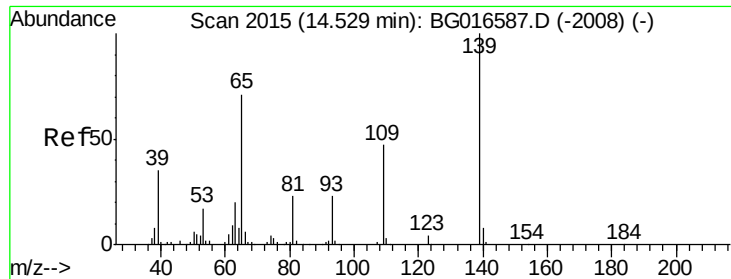
#54
 Dibenzofuran
 Concen: 40.05 ng
 RT: 14.68 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.2	45.2
169	14.3	10.8	16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





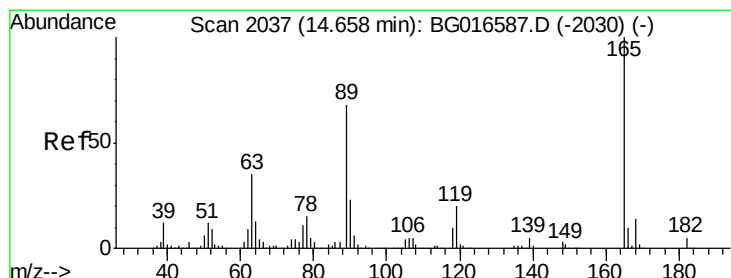
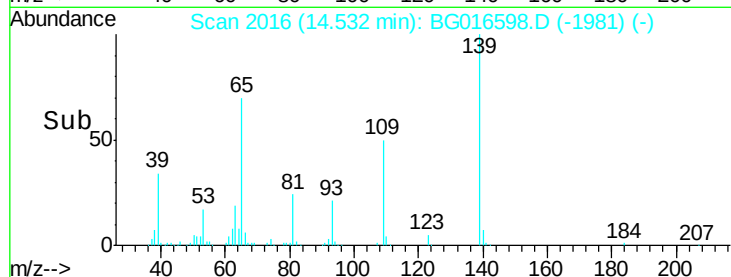
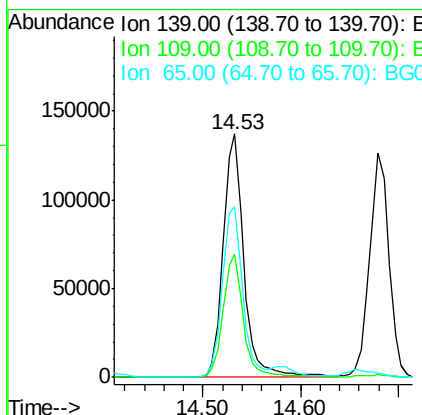
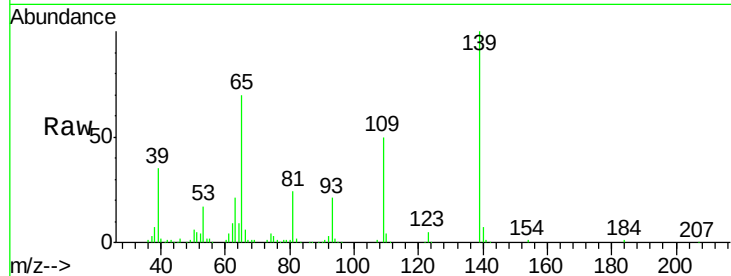
#55
4-Nitrophenol
Concen: 90.59 ng
RT: 14.53 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleId :
PB82889BS

Tot Ion	Ratio	Resp Lower	Upper
139	100		
109	50.4	27.5	67.5
65	70.2	50.7	90.7

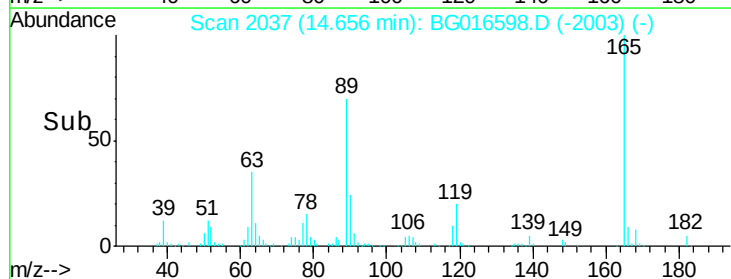
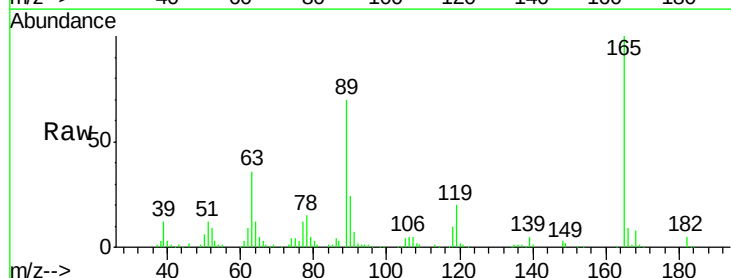
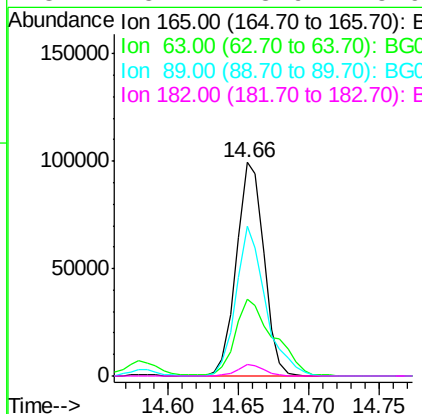
Manual Integrations
APPROVED

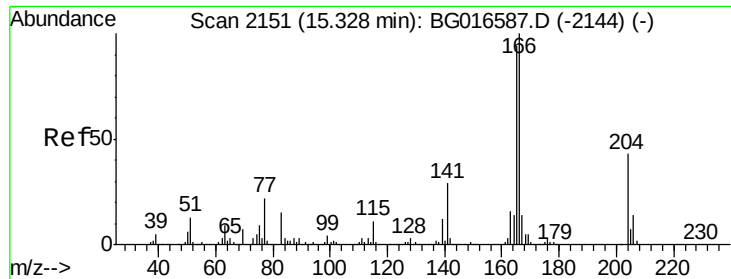
apatel
4/22/2015 5:21:13 PM



#56
2,4-Dinitrotoluene
Concen: 41.28 ng
RT: 14.66 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	35.9	28.2	42.4
89	69.9	54.1	81.1
182	5.2	3.9	5.9





#57

Fluorene

Concen: 39.68 ng

RT: 15.33 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Instrument :

BNA_G

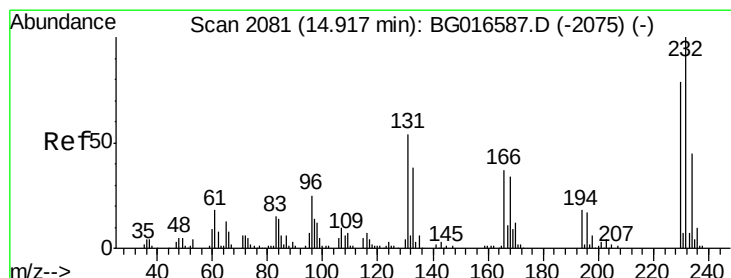
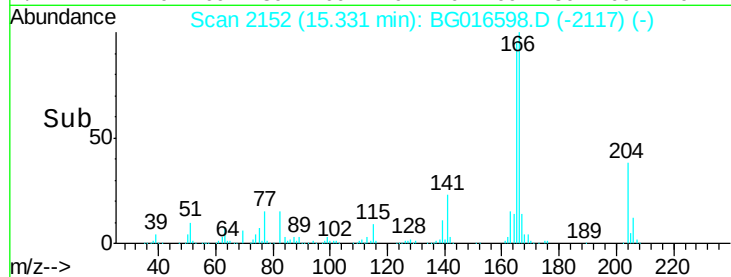
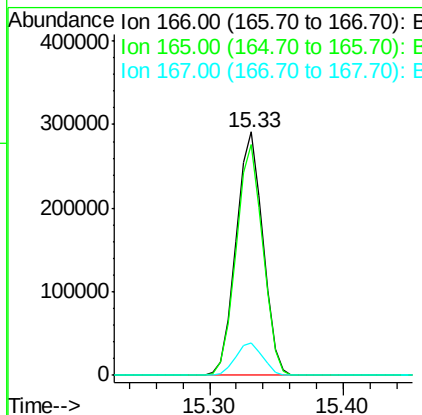
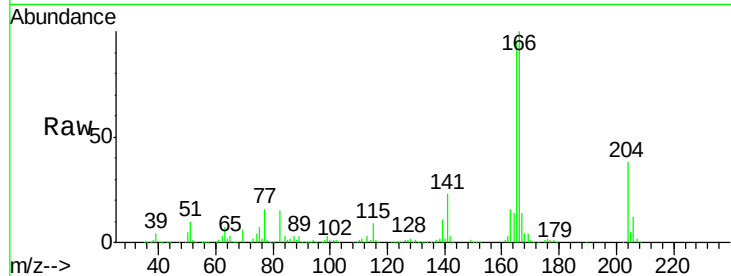
ClientSampleId :

PB82889BS

Tot Ion:	166	Resp:	404474
Ion Ratio	Lower	Upper	
166	100		
165	94.7	75.4	113.0
167	13.5	11.2	16.8

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.38 ng

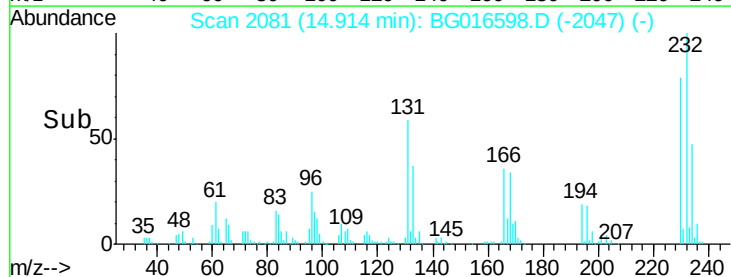
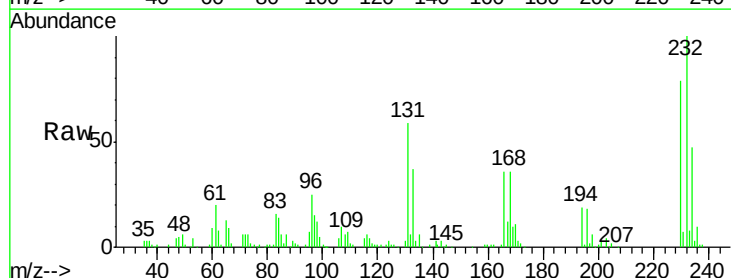
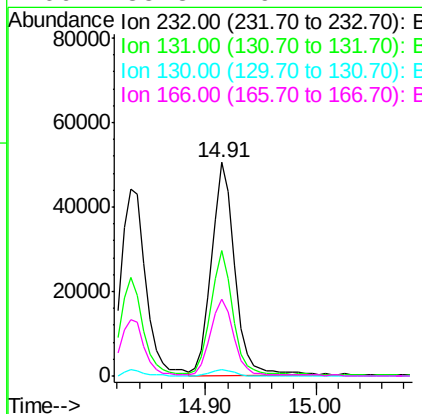
RT: 14.91 min Scan# 2081

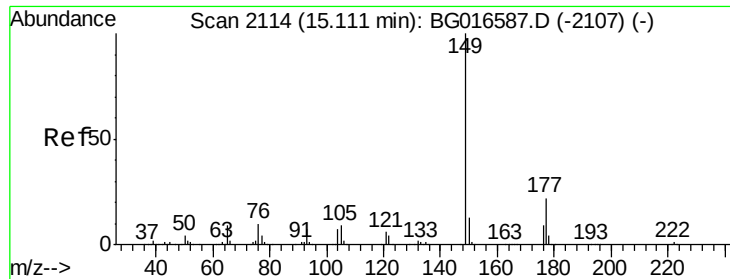
Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Tgt Ion:	232	Resp:	73060
Ion Ratio	Lower	Upper	
232	100		
131	56.4	44.0	66.0
130	2.9	2.3	3.5
166	35.3	29.4	44.2





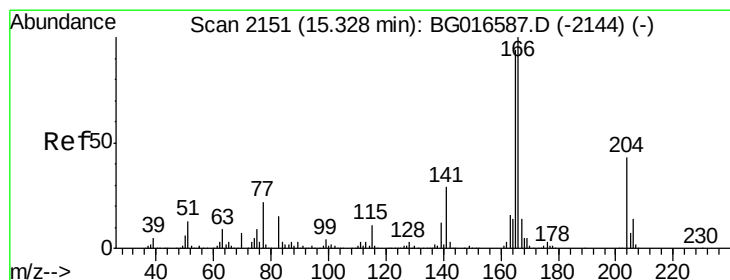
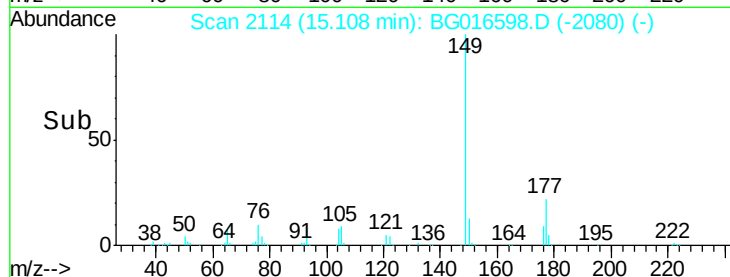
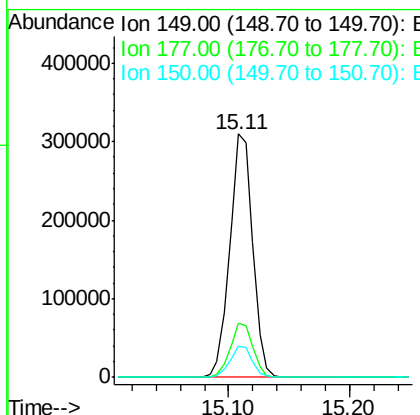
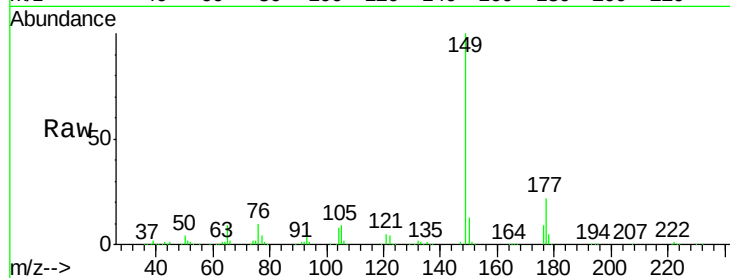
#59
Diethylphthalate
Concen: 39.34 ng
RT: 15.11 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleId :
PB82889BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	407581		
177	22.1	17.6	26.4	
150	12.7	10.2	15.2	

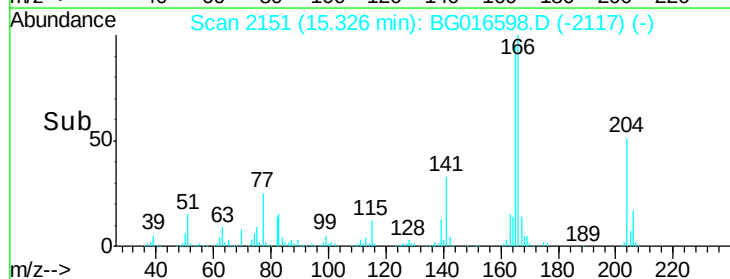
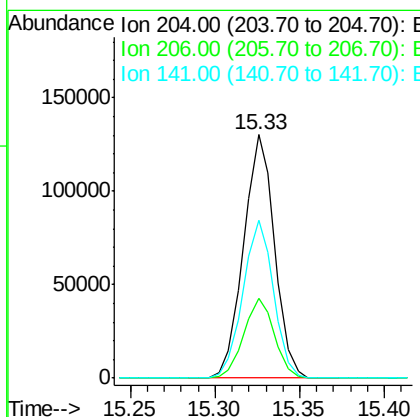
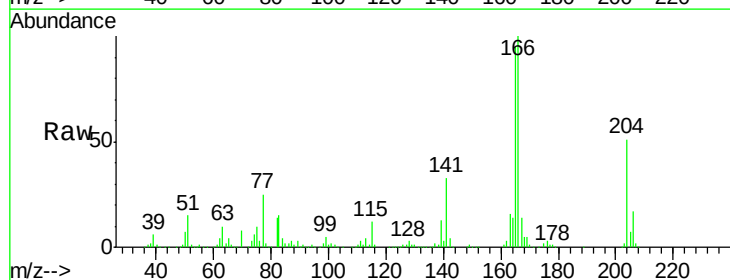
Manual Integrations
APPROVED

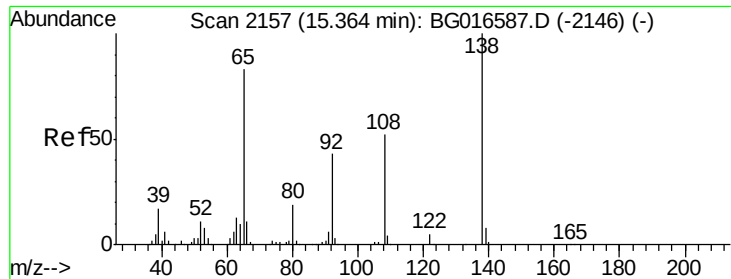
apatel
4/22/2015 5:21:13 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.65 ng
RT: 15.33 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	165968		
206	32.6	26.6	40.0	
141	64.6	53.5	80.3	





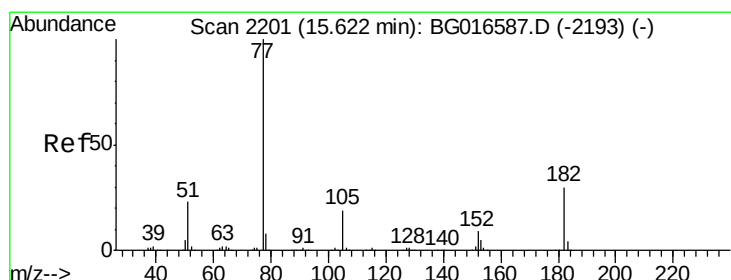
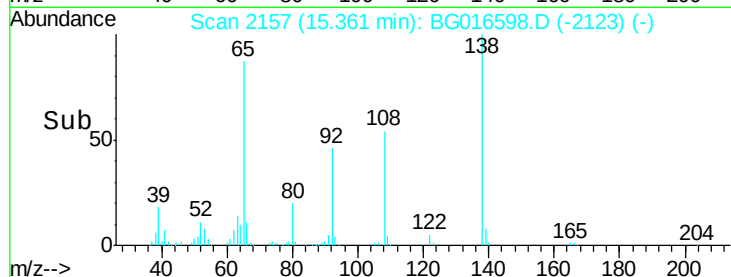
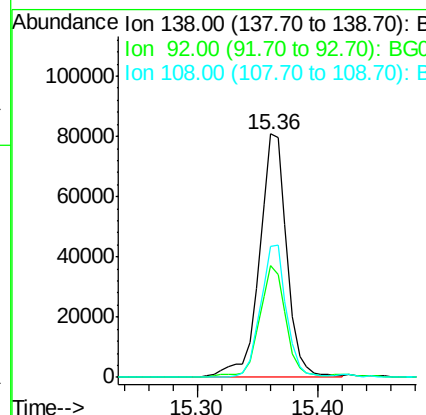
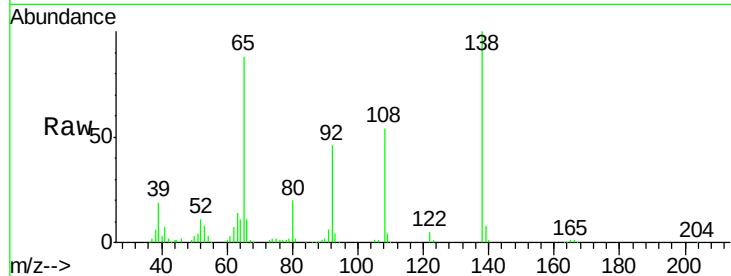
#61
4-Nitroaniline
Concen: 37.70 ng
RT: 15.36 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampled :
PB82889BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.7	23.3	63.3
108	53.9	31.8	71.8

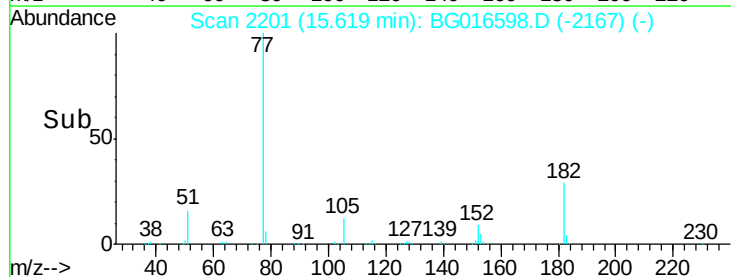
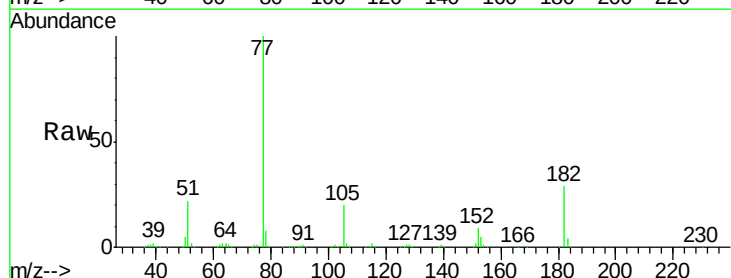
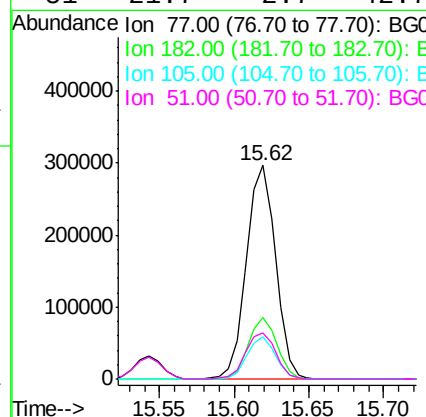
Manual Integrations
APPROVED

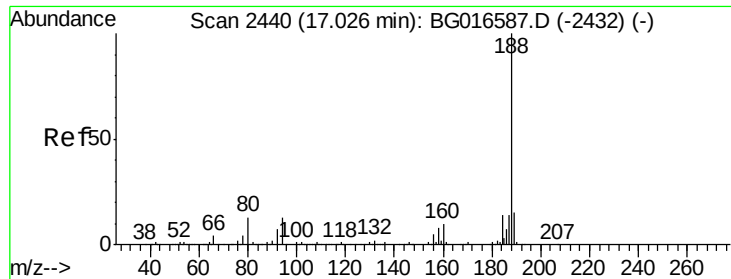
apatel
4/22/2015 5:21:13 PM



#62
Azobenzene
Concen: 41.66 ng
RT: 15.62 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.7	9.9	49.9
105	19.5	0.0	38.8
51	21.7	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: BG016598.D

Acq: 21 Apr 2015 23:52

Instrument :

BNA_G

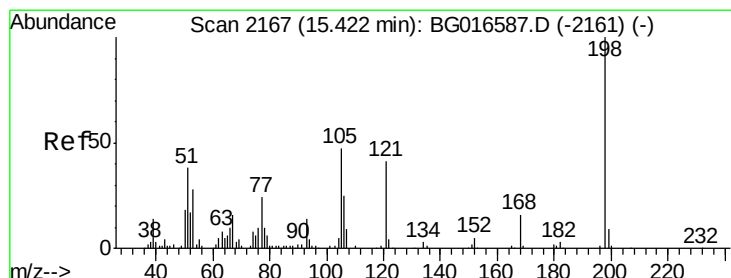
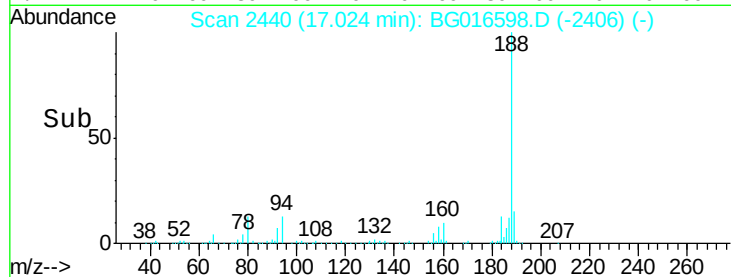
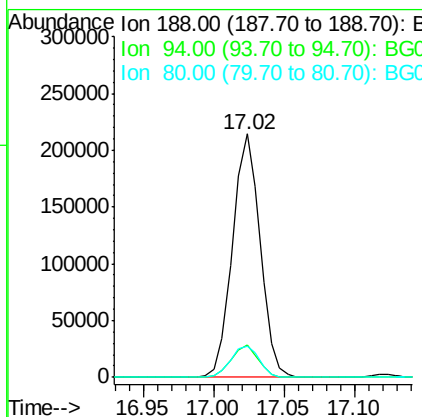
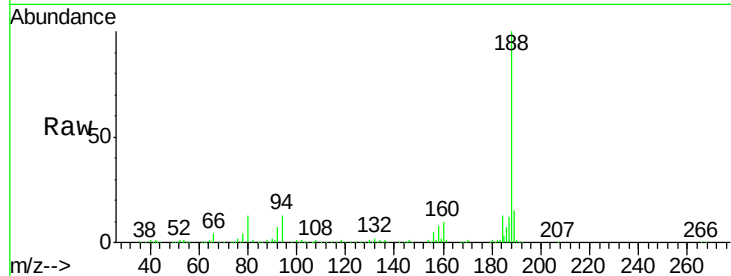
ClientSampleId :

PB82889BS

Tot Ion:	188	Resp:	291810
Ion Ratio		Lower	Upper
188	100		
94	13.3	10.5	15.7
80	12.9	10.6	16.0

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 36.73 ng

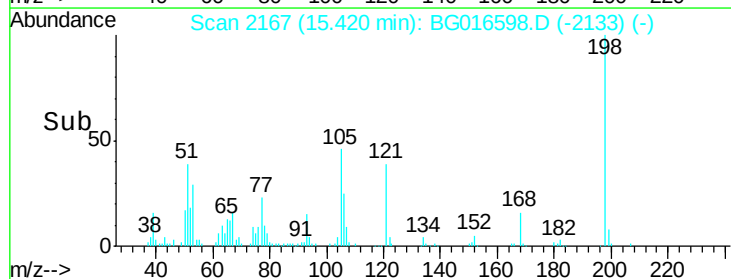
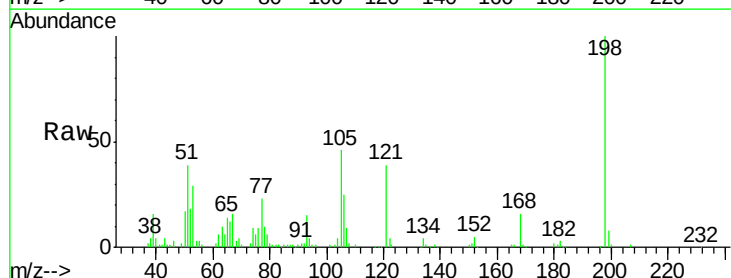
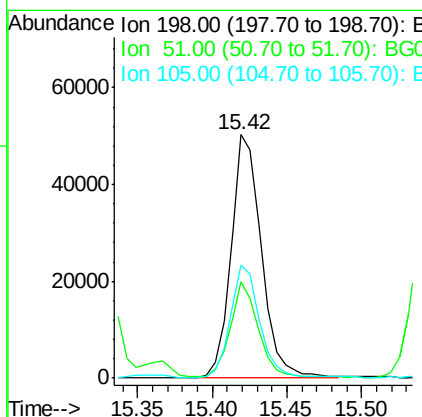
RT: 15.42 min Scan# 2167

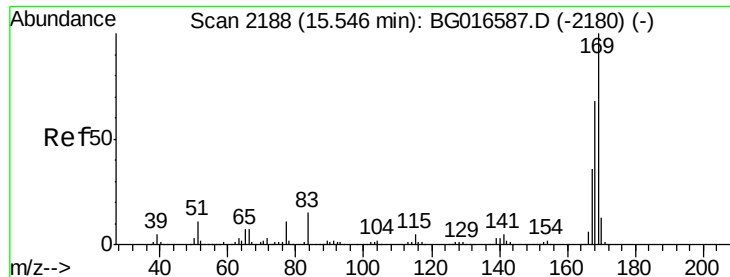
Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Tgt Ion:	198	Resp:	71647
Ion Ratio		Lower	Upper
198	100		
51	39.4	18.6	58.6
105	46.4	27.7	67.7





#65

n-Nitrosodiphenylamine

Concen: 37.33 ng

RT: 15.54 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Instrument :

BNA_G

ClientSampleId :

PB82889BS

Tot Ion:169 Resp: 365206

Ion Ratio Lower Upper

169 100

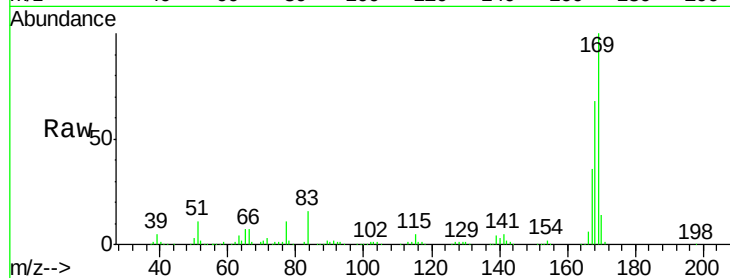
168 67.8 54.1 81.1

167 36.0 28.7 43.1

Manual Integrations
APPROVED

apatel

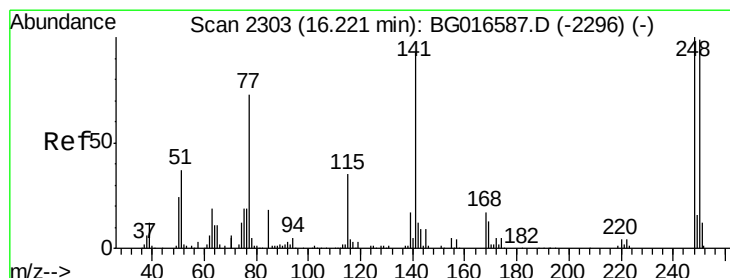
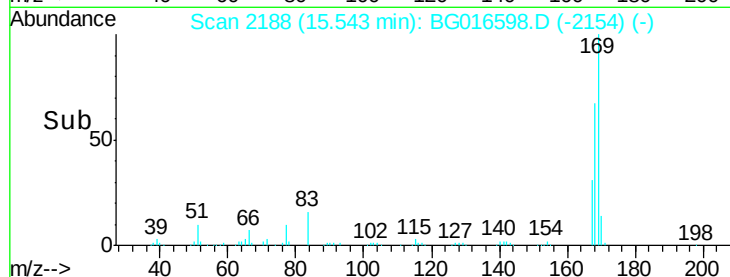
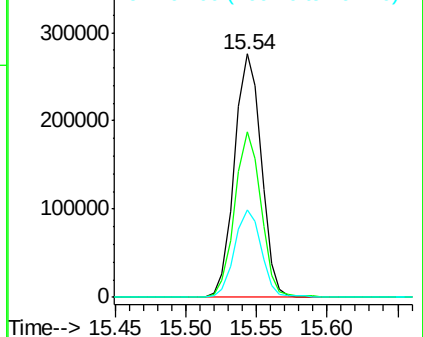
4/22/2015 5:21:13 PM



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: 38.47 ng

RT: 16.22 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

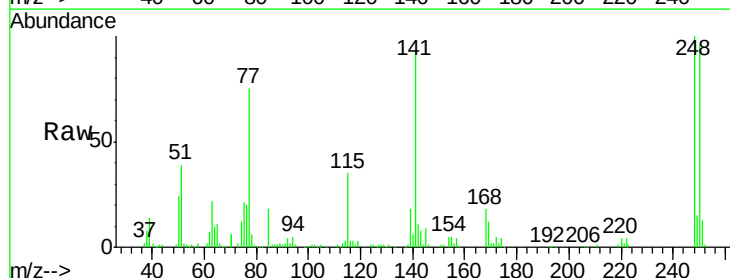
Tgt Ion:248 Resp: 88364

Ion Ratio Lower Upper

248 100

250 95.7 79.0 118.6

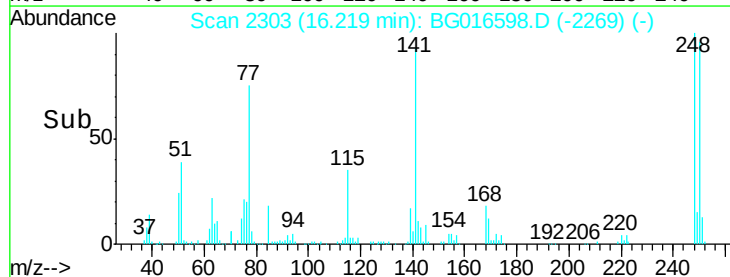
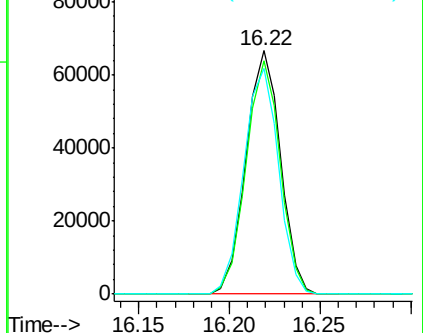
141 92.8 74.6 111.8

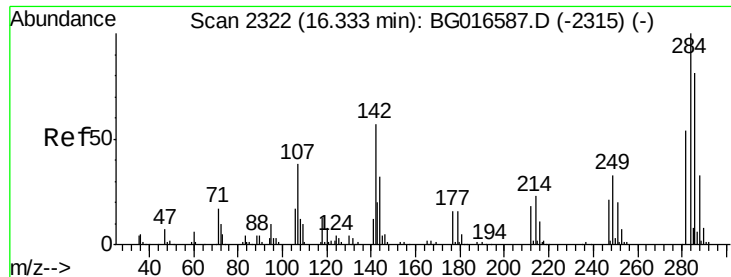


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.56 ng

RT: 16.34 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Instrument :

BNA_G

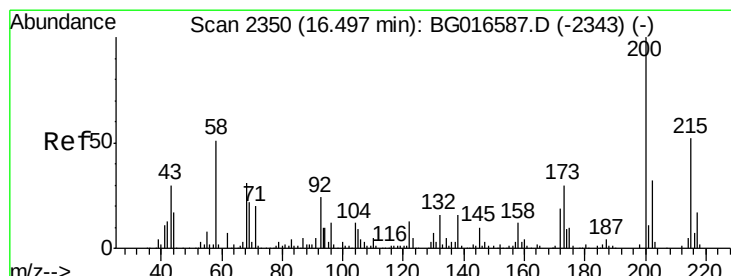
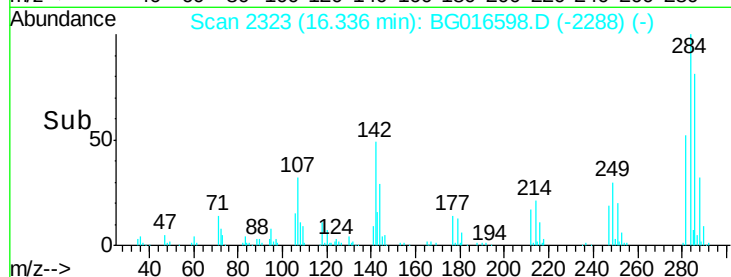
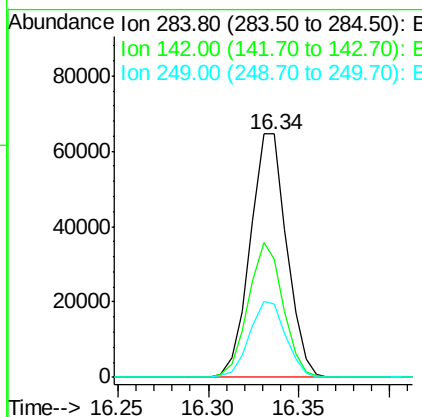
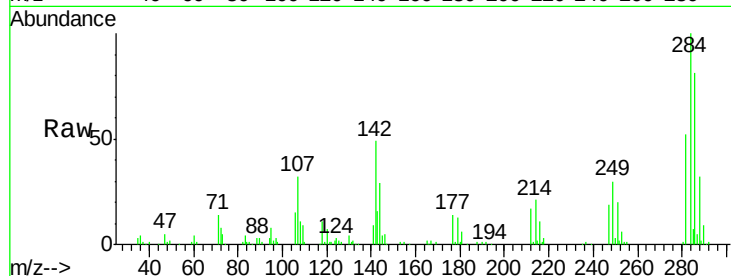
ClientSampleId :

PB82889BS

Tot Ion:	284	Resp:	90127
Ion Ratio	Lower	Upper	
284	100		
142	48.6	45.6	68.4
249	30.2	26.2	39.2

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM



#68

Atrazine

Concen: 42.09 ng

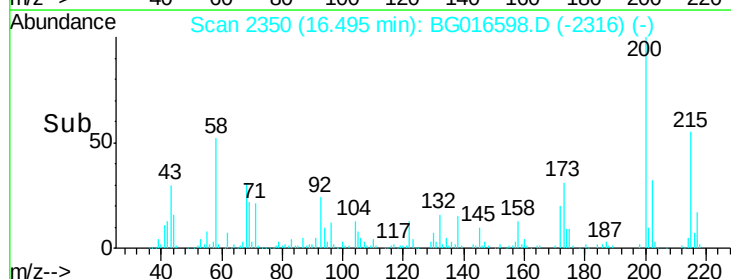
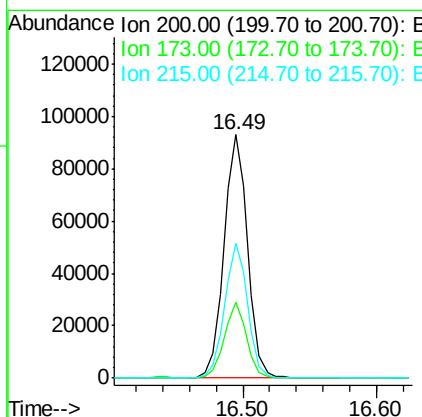
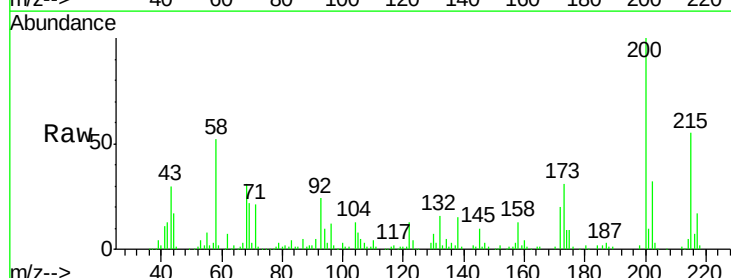
RT: 16.49 min Scan# 2350

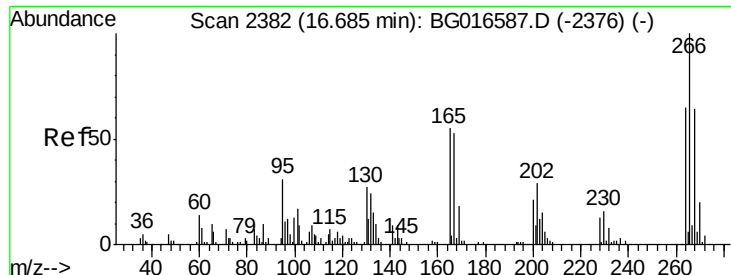
Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Tgt Ion:	200	Resp:	115134
Ion Ratio	Lower	Upper	
200	100		
173	31.0	9.8	49.8
215	55.3	31.7	71.7





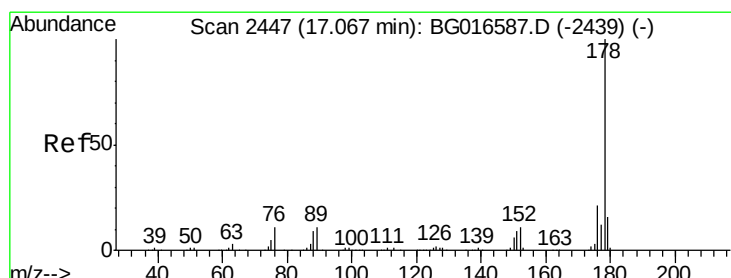
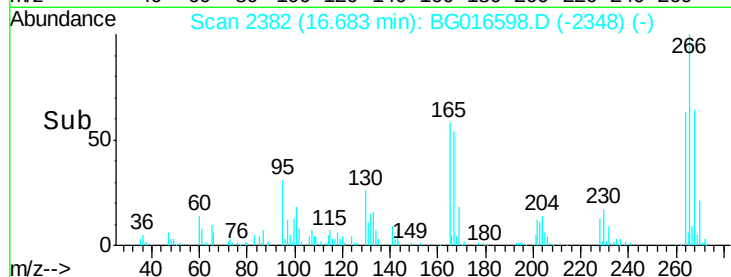
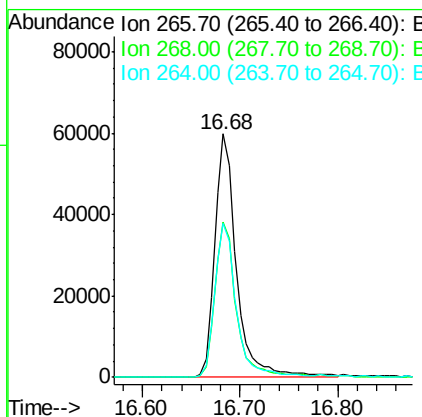
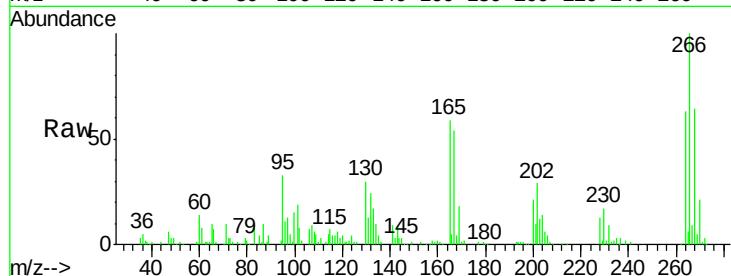
#69
 Pentachlorophenol
 Concen: 74.64 ng
 RT: 16.68 min Scan# 2382
 Delta R.T. -0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Instrument :
 BNA_G
 ClientSampleId :
 PB82889BS

Tot Ion:	266	Resp:	92180
Ion Ratio	Lower	Upper	
266	100		
268	63.8	51.3	76.9
264	63.2	52.2	78.4

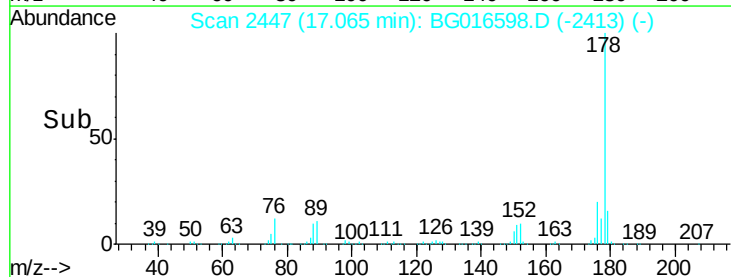
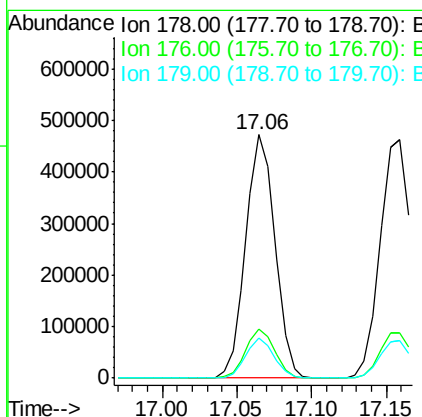
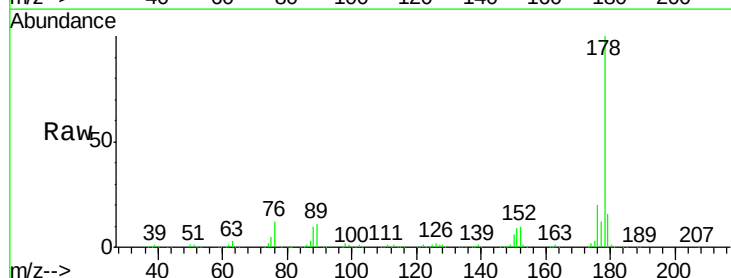
Manual Integrations
 APPROVED

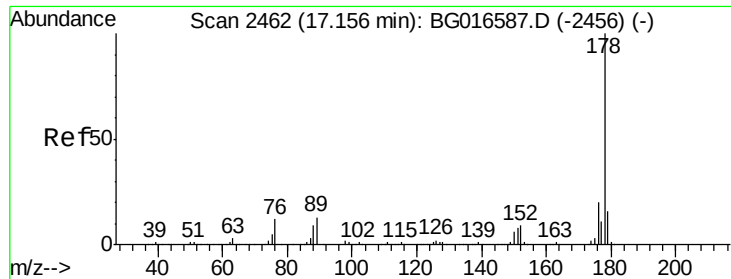
apatel
 4/22/2015 5:21:13 PM



#70
 Phenanthrene
 Concen: 38.54 ng
 RT: 17.06 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Tgt Ion:	178	Resp:	640151
Ion Ratio	Lower	Upper	
178	100		
176	20.2	16.6	25.0
179	16.3	12.9	19.3





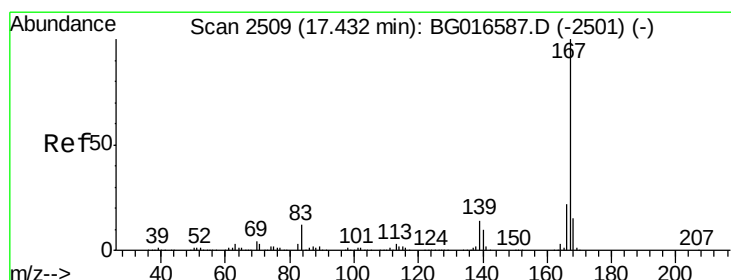
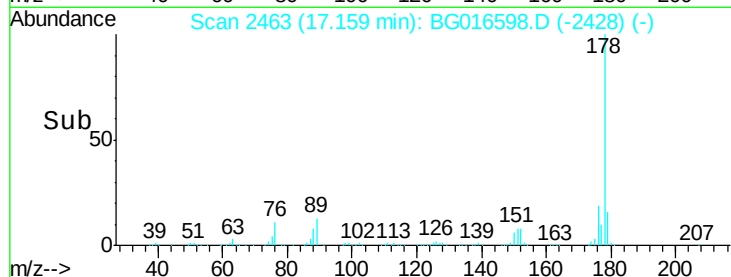
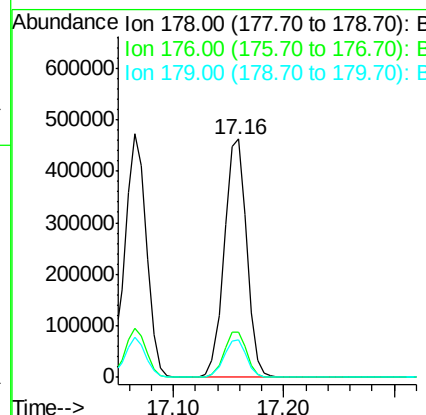
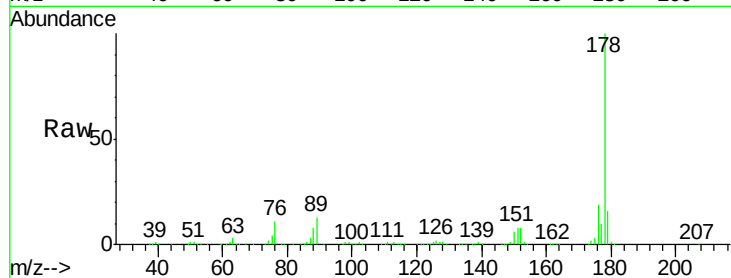
#71
 Anthracene
 Concen: 39.61 ng
 RT: 17.16 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Instrument :
 BNA_G
 ClientSampleId :
 PB82889BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.8	12.8	19.2

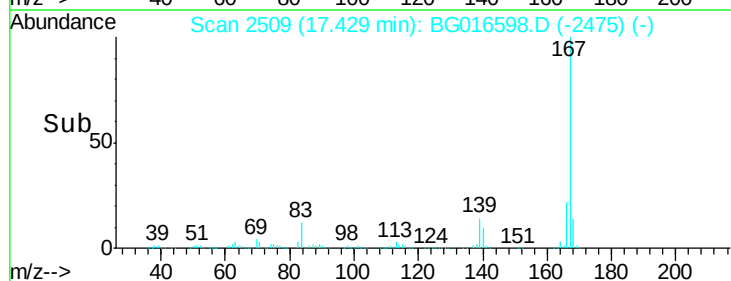
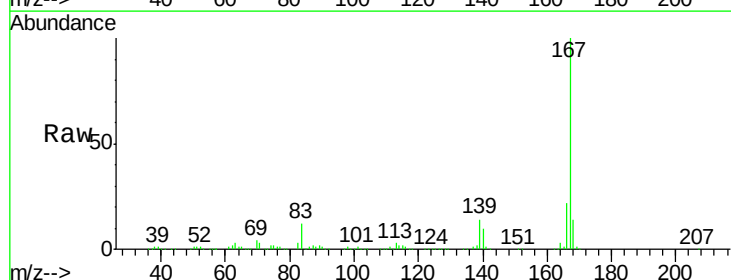
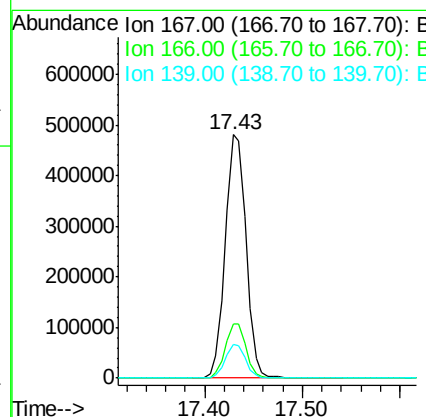
Manual Integrations
 APPROVED

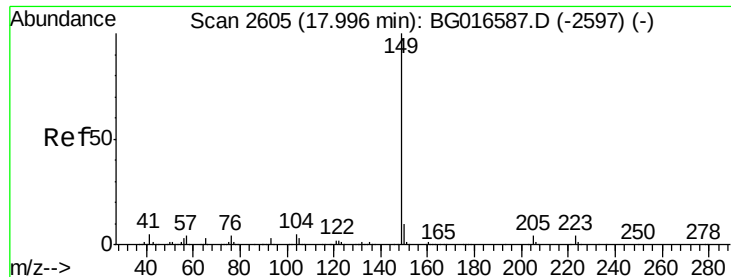
apatel
 4/22/2015 5:21:13 PM



#72
 Carbazole
 Concen: 42.10 ng
 RT: 17.43 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.8
139	13.8	11.0	16.4





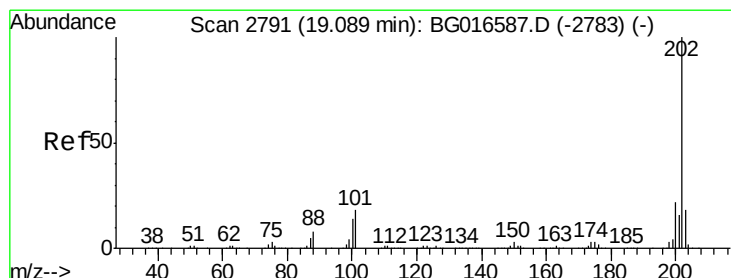
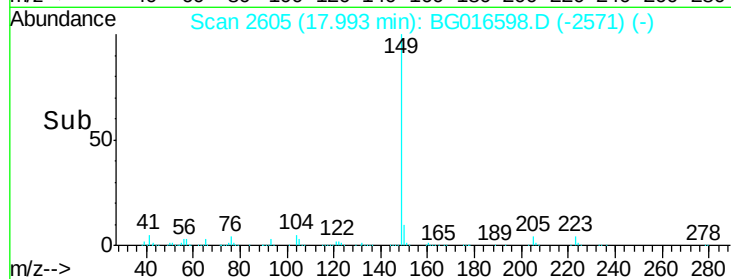
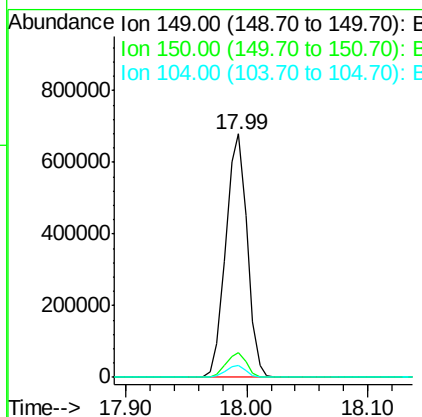
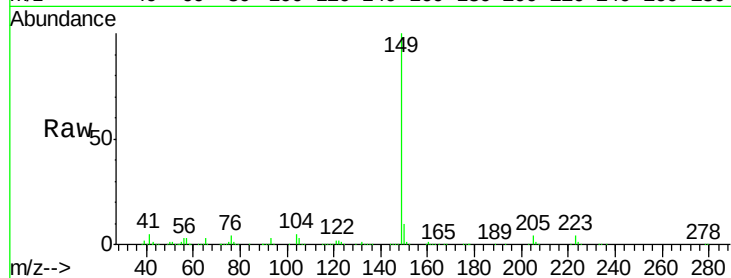
#73
Di-n-butylphthalate
Concen: 40.78 ng
RT: 17.99 min Scan# 2605
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleId :
PB82889BS

Tot Ion:	149	Resp:	835803
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.9	11.9
104	4.8	3.8	5.6

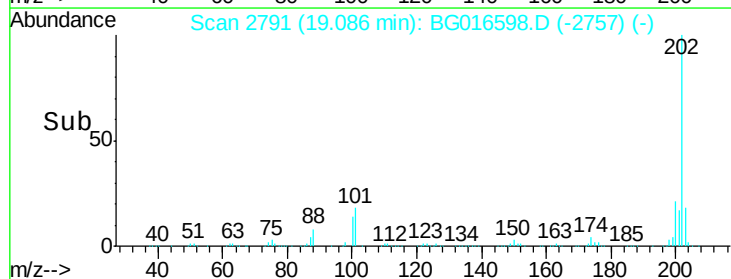
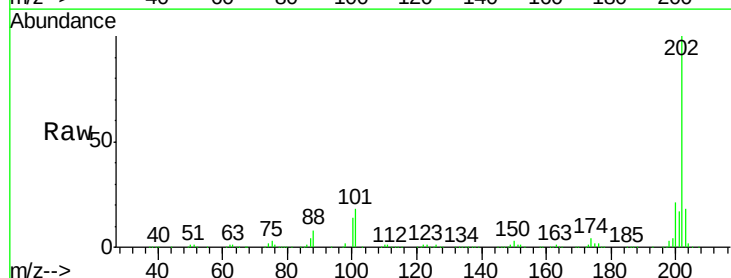
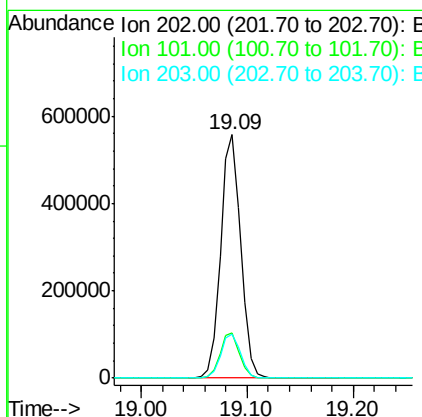
Manual Integrations
APPROVED

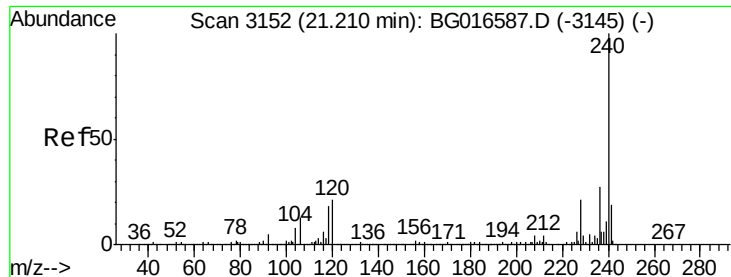
apatel
4/22/2015 5:21:13 PM



#74
Fluoranthene
Concen: 40.97 ng
RT: 19.09 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion:	202	Resp:	733226
Ion Ratio	Lower	Upper	
202	100		
101	18.3	0.0	37.9
203	18.2	0.0	38.3





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.21 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Instrument :

BNA_G

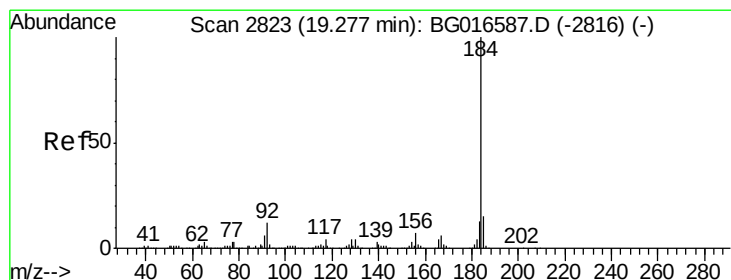
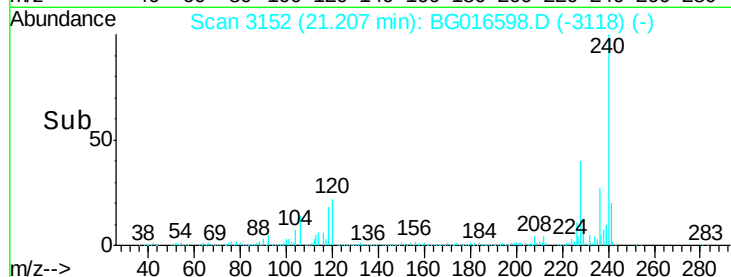
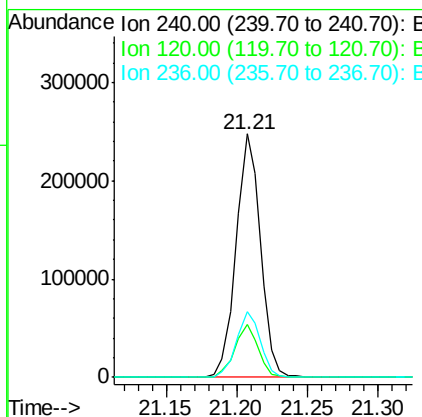
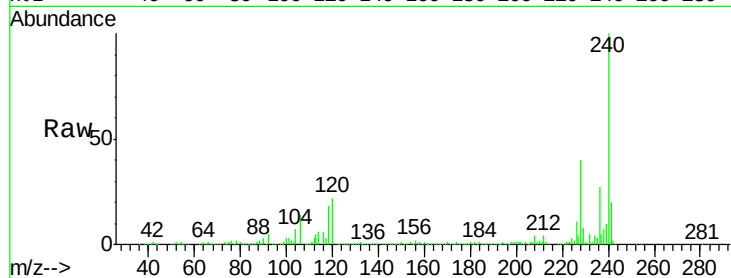
ClientSampleId :

PB82889BS

Tot Ion:	240	Resp:	298093
Ion Ratio	Lower	Upper	
240	100		
120	21.6	16.7	25.1
236	26.7	21.7	32.5

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM



#76

Benzidine

Concen: 31.59 ng

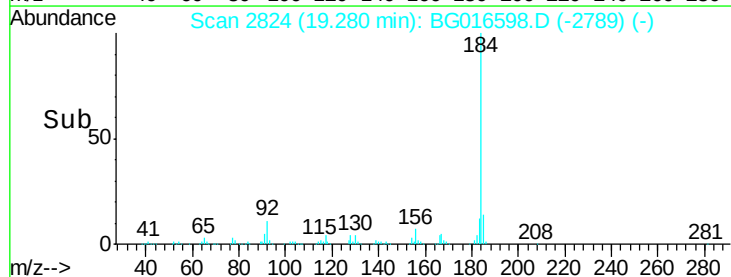
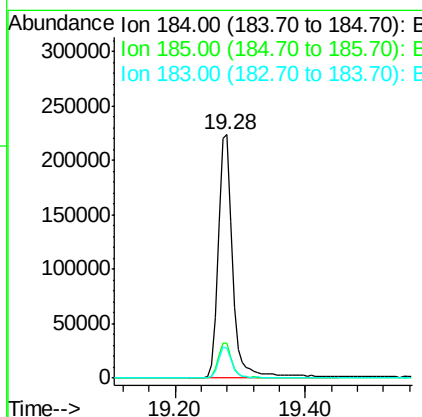
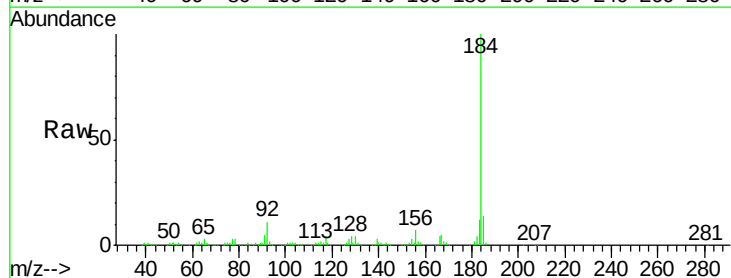
RT: 19.28 min Scan# 2824

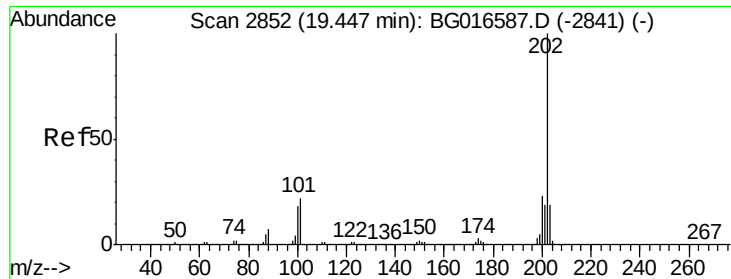
Delta R.T. 0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Tgt Ion:	184	Resp:	348210
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.8	17.6
183	12.1	10.3	15.5





#77

Pvrene

Concen: 38.91 ng

RT: 19.45 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Instrument :

BNA_G

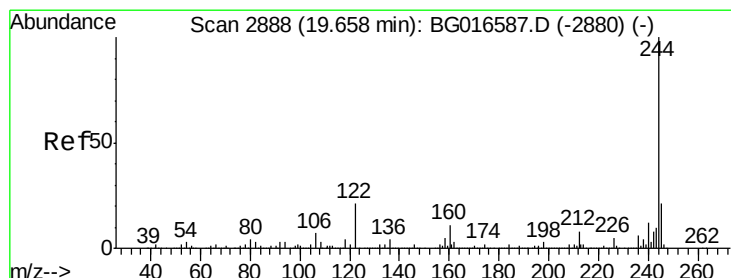
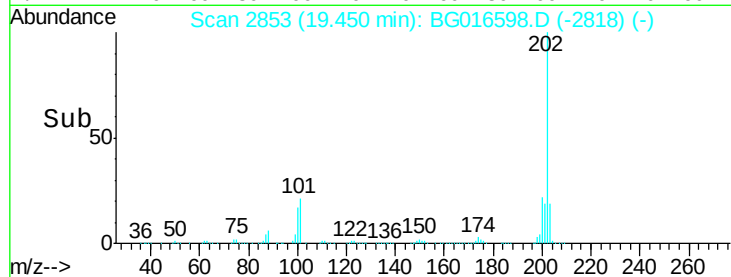
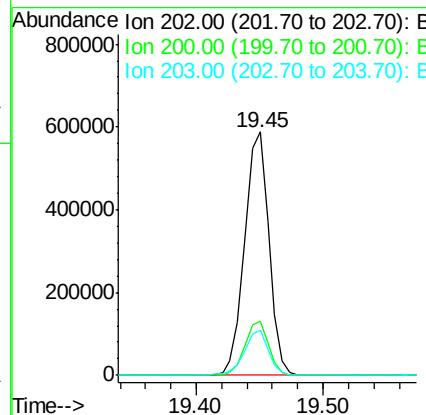
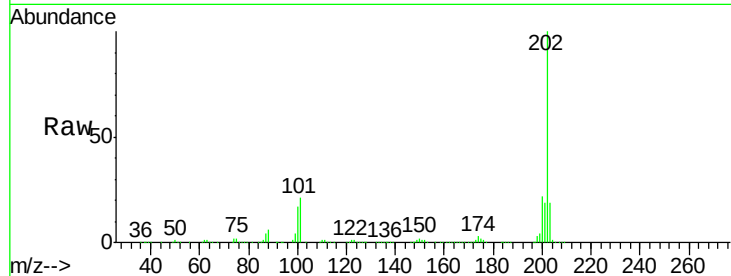
ClientSampleId :

PB82889BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	18.2	27.2
203	18.6	15.2	22.8

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM



#78

Terphenyl-d14

Concen: 73.98 ng

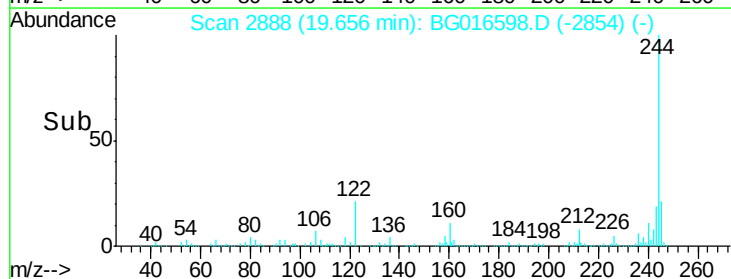
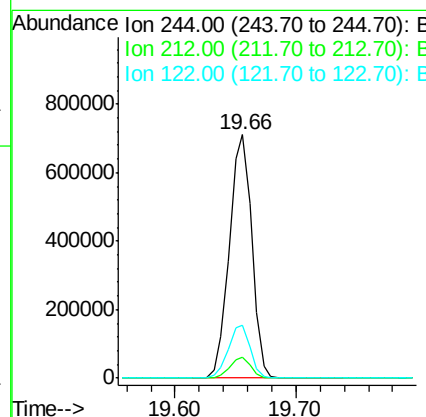
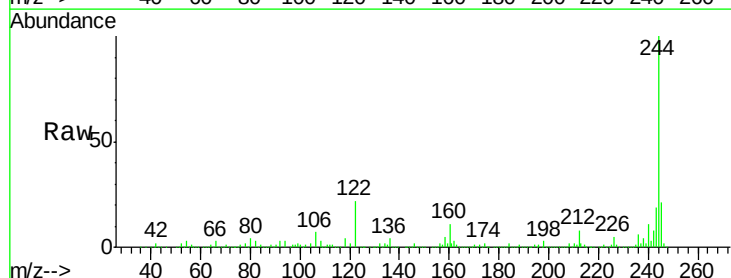
RT: 19.66 min Scan# 2888

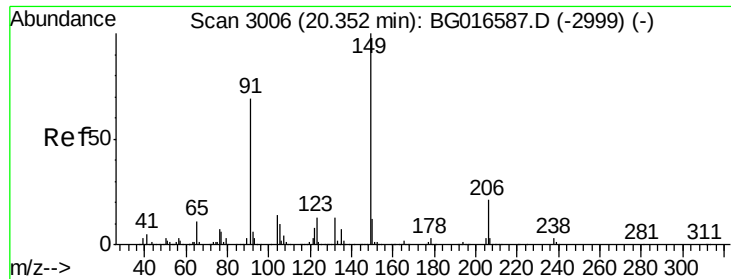
Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.3	6.8	10.2
122	21.8	17.0	25.6





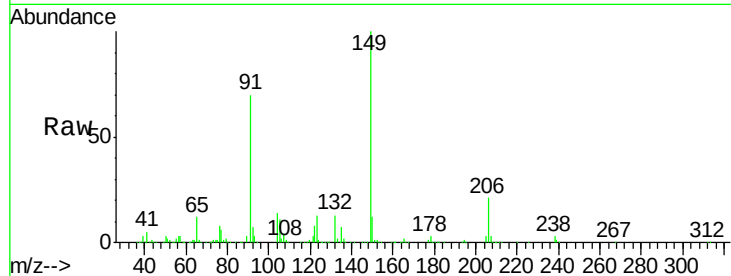
#79
Butylbenzylphthalate
Concen: 39.62 ng
RT: 20.35 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleID :
PB82889BS

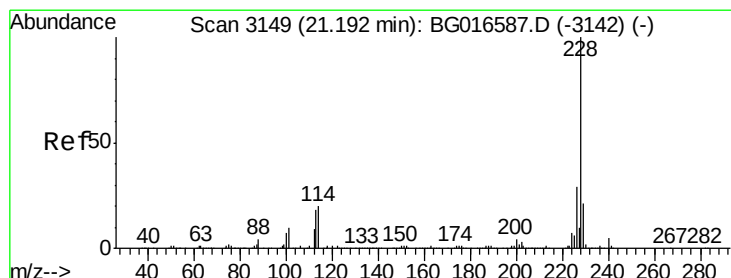
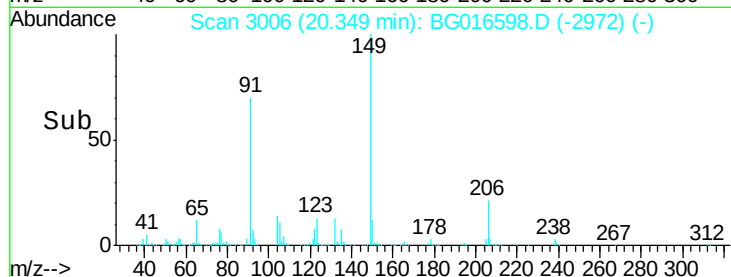
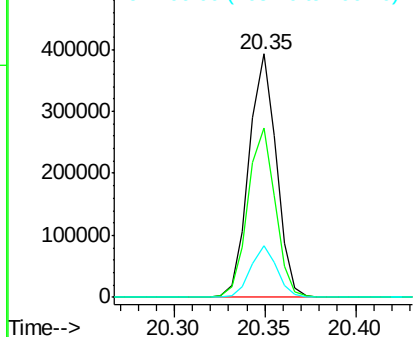
Tot Ion	Ratio	Resp	Lower	Upper
149	100	415245		
91	69.5	55.4	83.0	
206	21.2	16.4	24.6	

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM

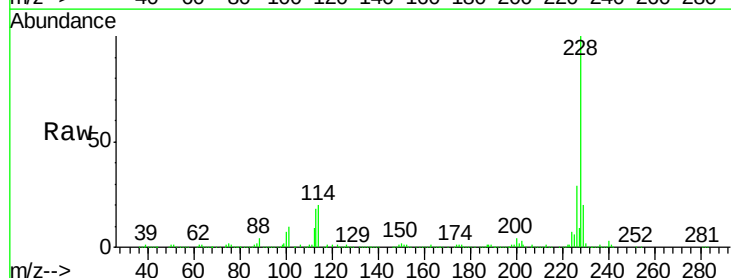


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

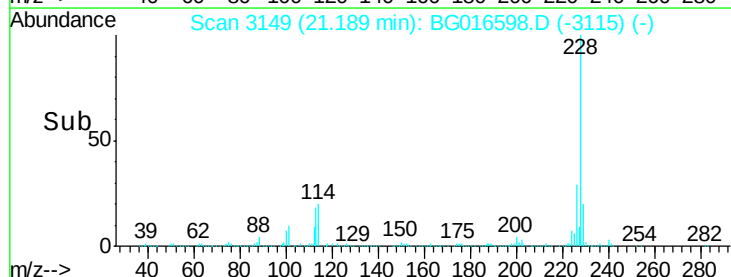
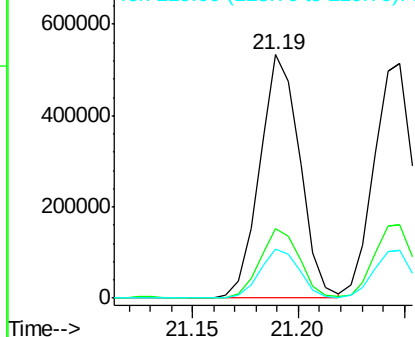


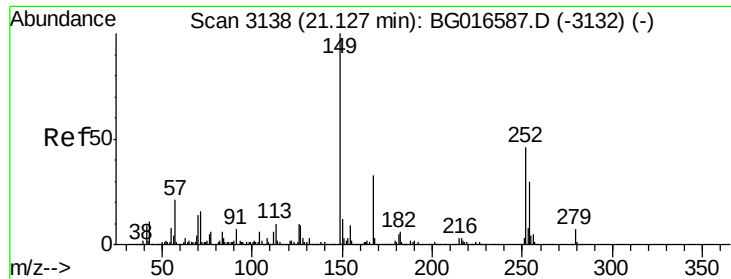
#80
Benzo(a)anthracene
Concen: 39.03 ng
RT: 21.19 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	701677		
226	28.6	23.2	34.8	
229	20.0	16.9	25.3	



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





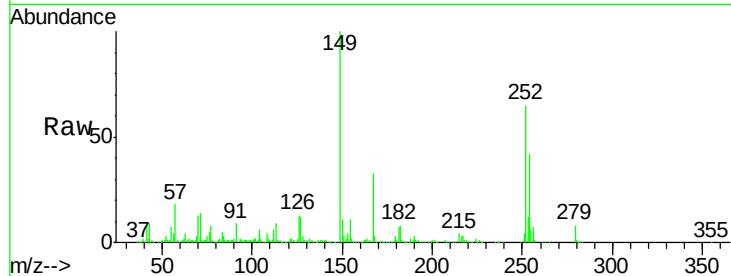
#81
 3,3'-Dichlorobenzidine
 Concen: 28.93 ng
 RT: 21.13 min Scan# 3139
 Delta R.T. 0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Instrument :
 BNA_G
 ClientSampleId :
 PB82889BS

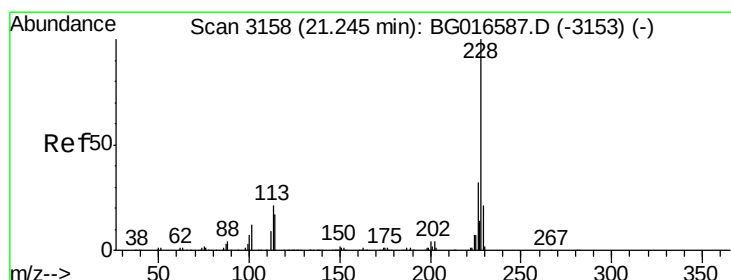
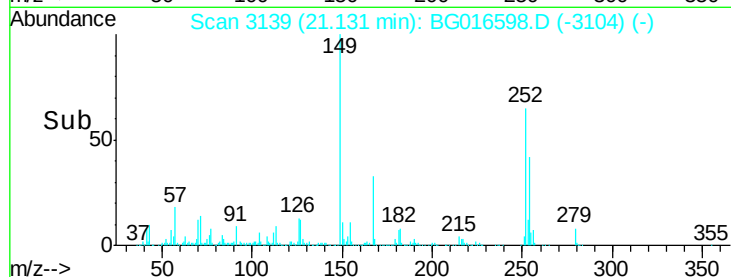
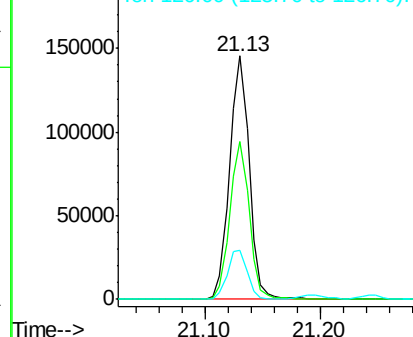
Tot Ion	Ratio	Resp	Lower	Upper
252	100	172176		
254	65.1	52.6	78.8	
126	20.1	18.0	27.0	

Manual Integrations
 APPROVED

apatel
 4/22/2015 5:21:13 PM

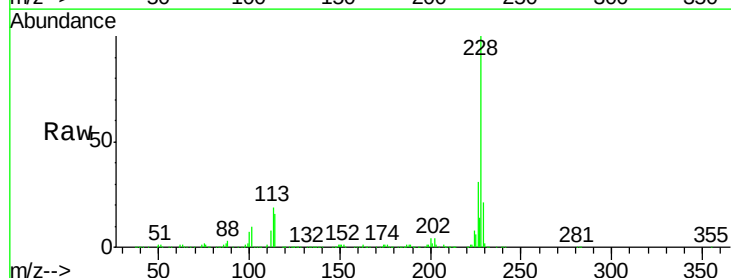


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

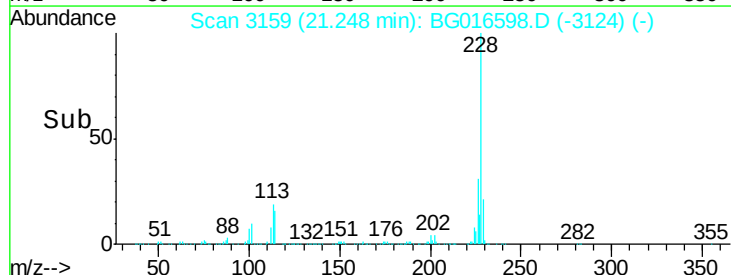
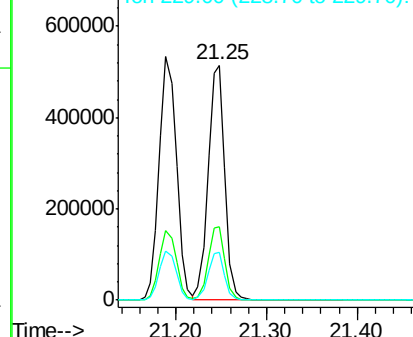


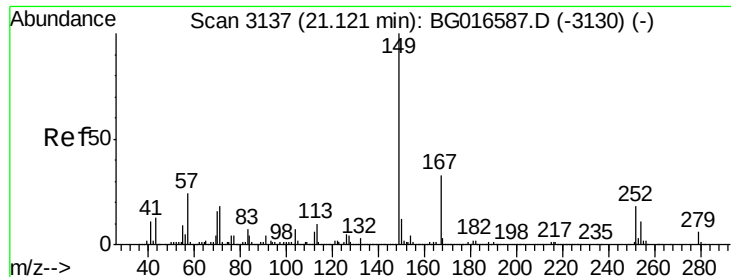
#82
 Chrysene
 Concen: 38.45 ng
 RT: 21.25 min Scan# 3159
 Delta R.T. 0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	663521		
226	31.2	25.5	38.3	
229	20.6	16.5	24.7	



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.54 ng

RT: 21.12 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Instrument :

BNA_G

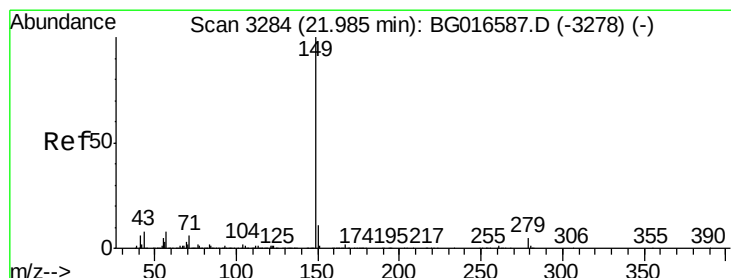
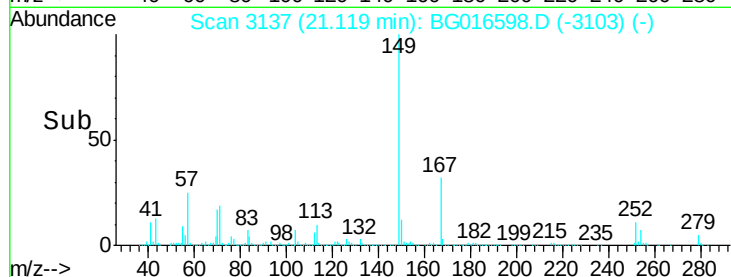
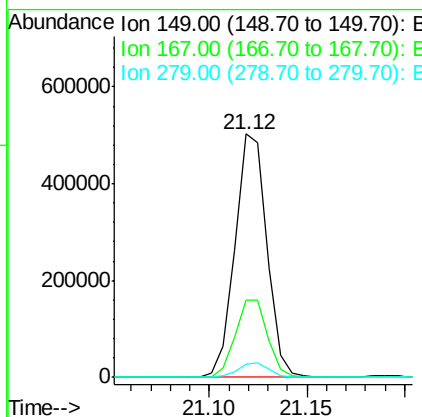
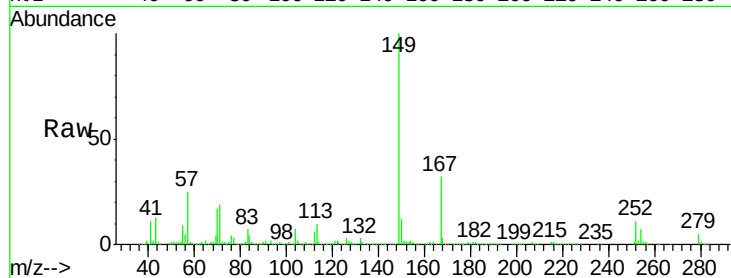
ClientSampleId :

PB82889BS

Tot Ion:	149	Resp:	568908
Ion Ratio		Lower	Upper
149	100		
167	31.8	26.5	39.7
279	5.4	4.5	6.7

Manual Integrations
APPROVED

apatel
4/22/2015 5:21:13 PM



#84

Di-n-octyl phthalate

Concen: 39.99 ng

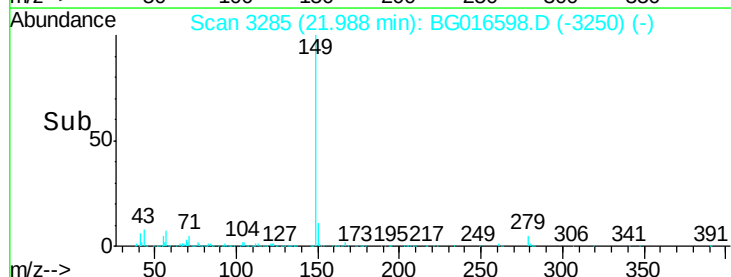
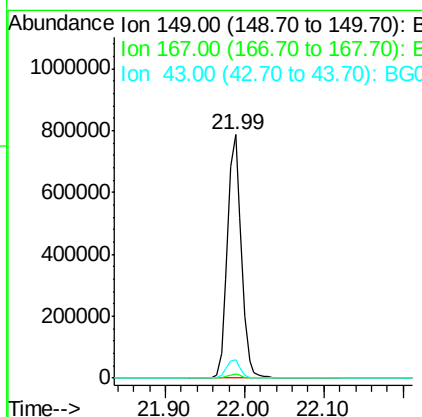
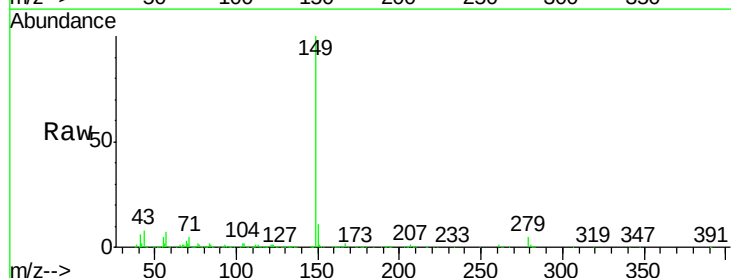
RT: 21.99 min Scan# 3285

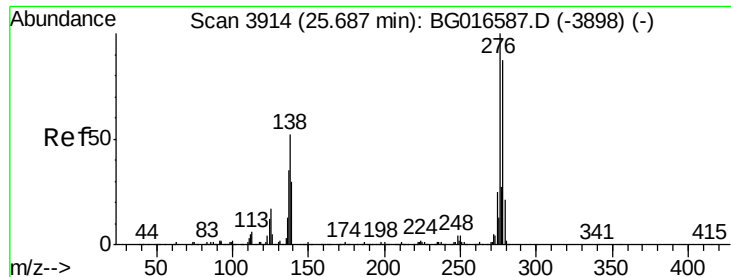
Delta R.T. 0.00 min

Lab File: BG016598.D

Acq: 21 Apr 2015 23:52

Tgt Ion:	149	Resp:	955510
Ion Ratio		Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.6	6.2	9.2





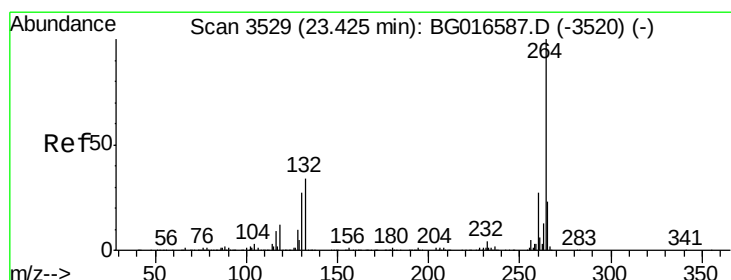
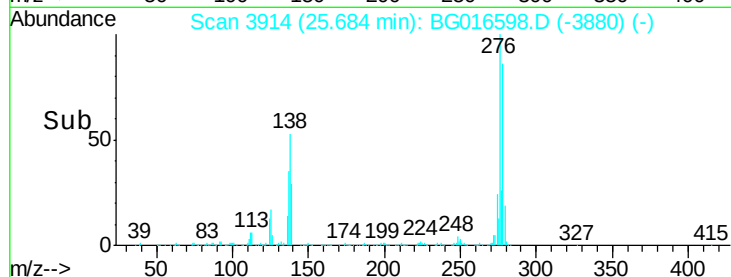
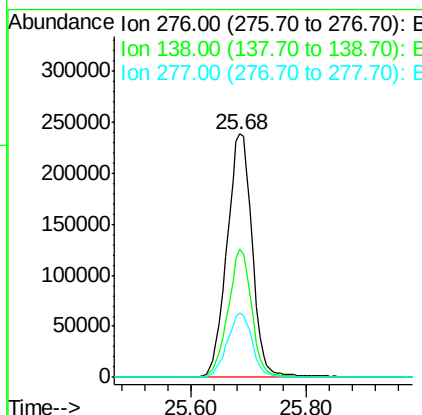
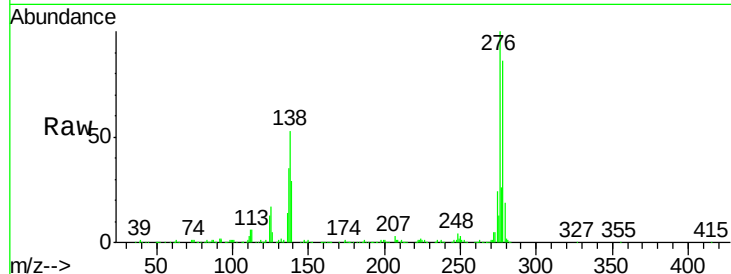
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.16 ng
RT: 25.68 min Scan# 3914
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleId :
PB82889BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	49.3	39.7	59.5
277	26.2	21.4	32.2

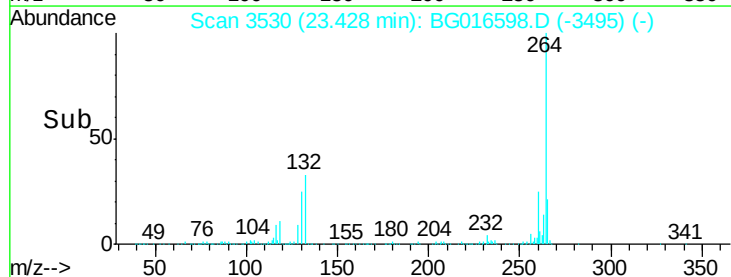
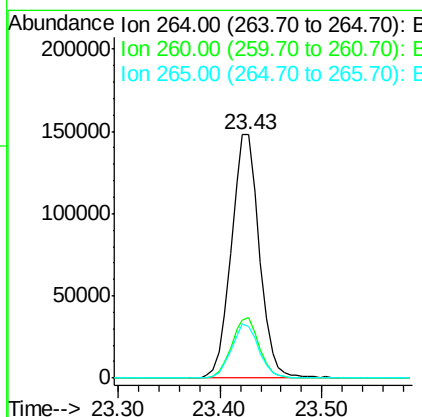
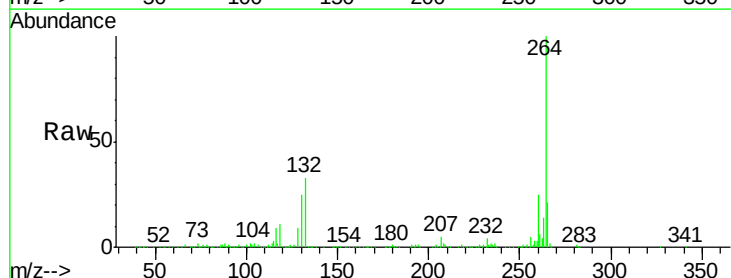
Manual Integrations
APPROVED

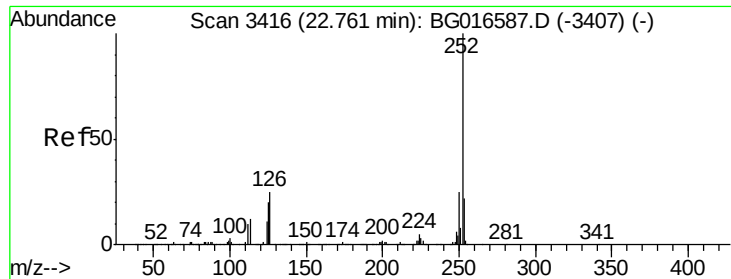
apatel
4/22/2015 5:21:13 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.4	32.2
265	21.4	18.7	28.1





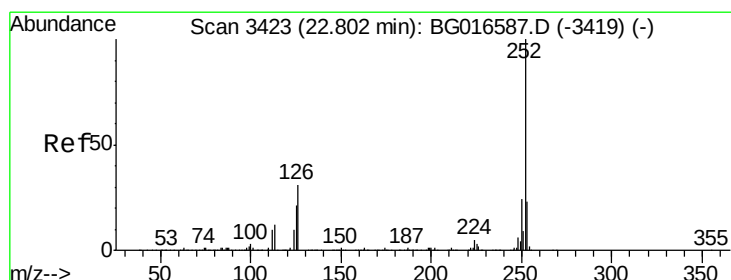
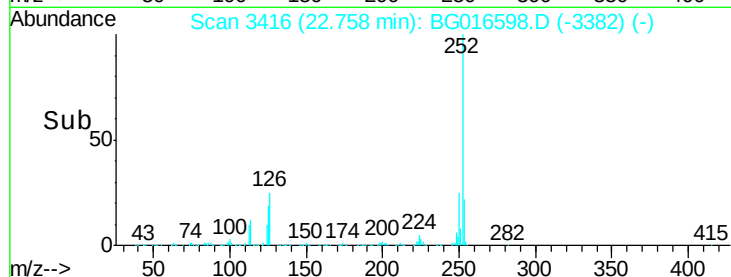
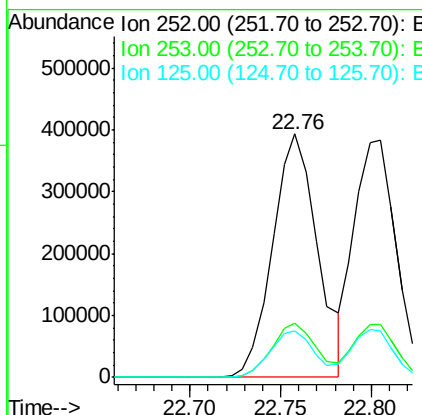
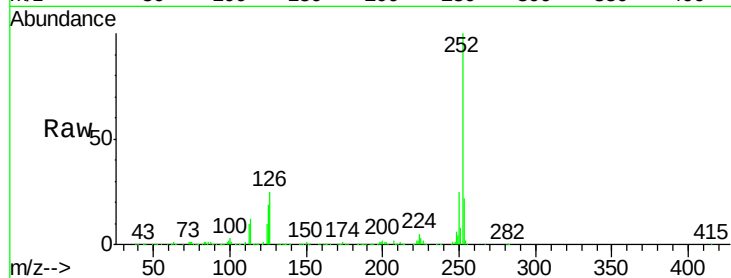
#87
Benzo(b)fluoranthene
Concen: 40.04 ng
RT: 22.76 min Scan# 3416
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleId :
PB82889BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	19.1	15.8	23.8

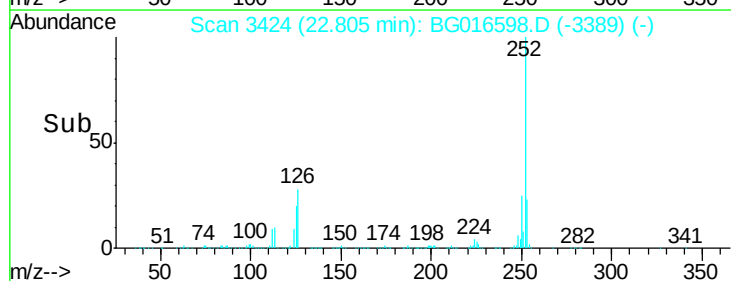
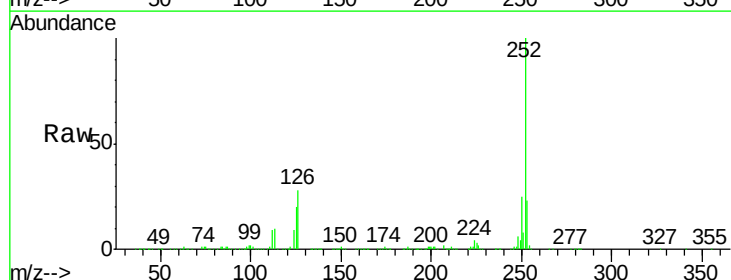
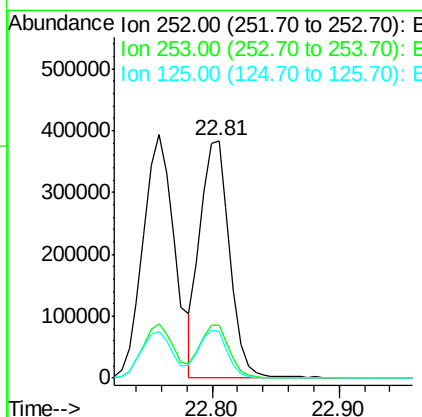
Manual Integrations
APPROVED

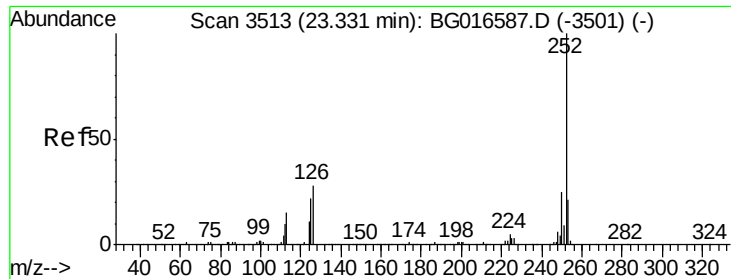
apatel
4/22/2015 5:21:13 PM



#88
Benzo(k)fluoranthene
Concen: 37.32 ng
RT: 22.81 min Scan# 3424
Delta R.T. 0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	19.5	16.0	24.0





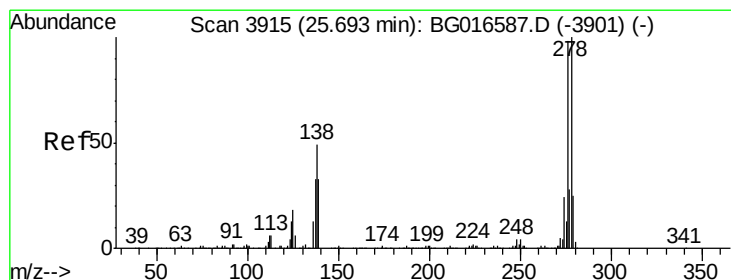
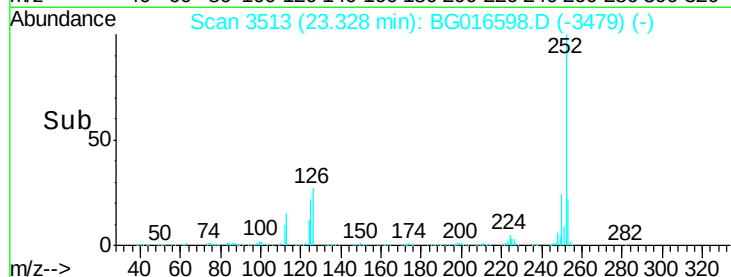
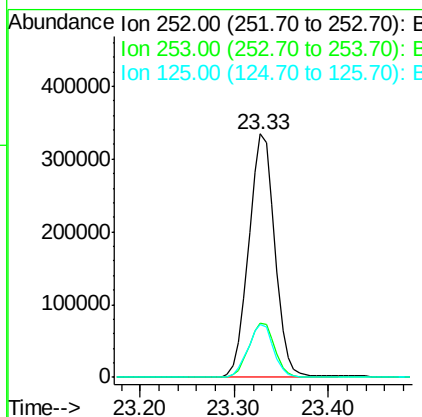
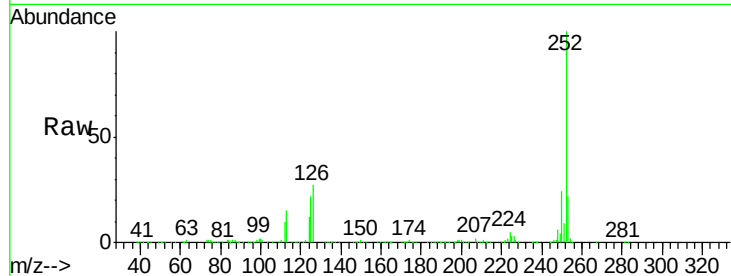
#89
Benzo(a)pyrene
Concen: 39.97 ng
RT: 23.33 min Scan# 3513
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Instrument :
BNA_G
ClientSampleId :
PB82889BS

Tot Ion:	252	Resp:	642670
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.2	25.8
125	21.7	17.3	25.9

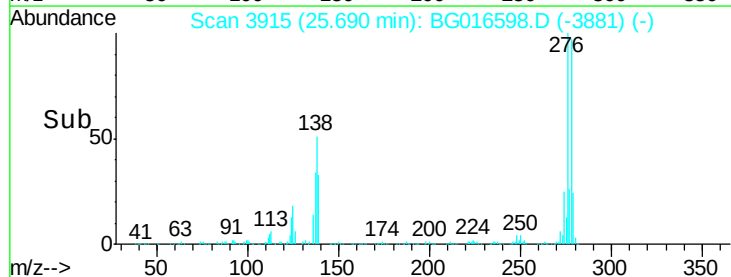
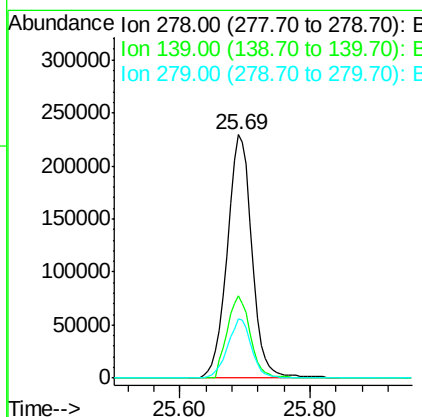
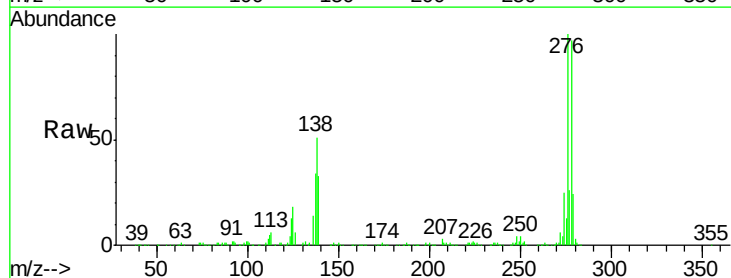
Manual Integrations
APPROVED

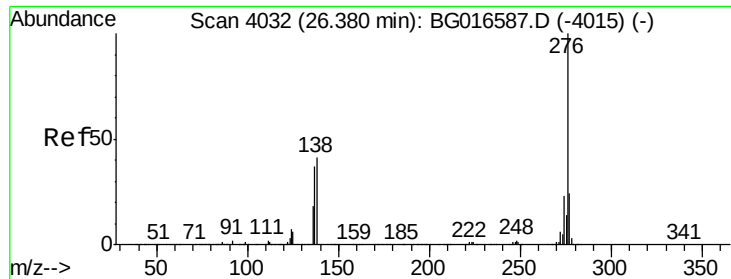
apatel
4/22/2015 5:21:13 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.65 ng
RT: 25.69 min Scan# 3915
Delta R.T. -0.00 min
Lab File: BG016598.D
Acq: 21 Apr 2015 23:52

Tgt Ion:	278	Resp:	603993
Ion Ratio		Lower	Upper
278	100		
139	34.0	26.2	39.4
279	24.3	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 38.30 ng
 RT: 26.38 min Scan# 4032
 Delta R.T. -0.00 min
 Lab File: BG016598.D
 Acq: 21 Apr 2015 23:52

Instrument :
 BNA_G
 ClientSampleId :
 PB82889BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	42.3	32.7	49.1

Manual Integrations
 APPROVED

apatel
 4/22/2015 5:21:13 PM

