

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060415\  
 Data File : BG017446.D  
 Acq On : 4 Jun 2015 17:49  
 Operator : TP/IZ  
 Sample : PB83815BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB83815BS

Manual Integrations  
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 6/5/2015 5:14:41 PM

Quant Time: Jun 05 04:10:43 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 05 03:51:43 2015  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	15821	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	64246	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	46775	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	113307	20.00	ng	0.00
75) Chrysene-d12	21.23	240	142837	20.00	ng	0.00
86) Perylene-d12	23.46	264	139841	20.00	ng	0.00

## System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	84996	94.65	ng	0.00
7) Phenol-d6	6.83	99	111252	90.94	ng	0.00
23) Nitrobenzene-d5	8.79	82	138073	107.28	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	56216	86.53	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	307162	99.06	ng	0.00
78) Terphenyl-d14	19.68	244	681990	98.68	ng	0.00

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	12053	29.82	ng	# 88
3) Pyridine	3.47	79	34630	32.08	ng	96
4) n-Nitrosodimethylamine	3.39	42	29266	41.36	ng	100
6) Aniline	6.95	93	43193	26.30	ng	# 95
8) 2-Chlorophenol	7.20	128	41339	38.93	ng	98
9) Benzaldehyde	6.77	77	2827	3.40	ng	# 74
10) Phenol	6.85	94	53502	42.58	ng	97
11) bis(2-Chloroethyl)ether	7.05	93	38026	39.72	ng	96
12) 1,3-Dichlorobenzene	7.51	146	42903	36.14	ng	95
13) 1,4-Dichlorobenzene	7.66	146	44453	35.73	ng	95
14) 1,2-Dichlorobenzene	7.98	146	42980	36.91	ng	95
15) Benzyl Alcohol	7.87	79	42910	37.67	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.16	45	60663	37.59	ng	99
17) 2-Methylphenol	8.09	107	37897	39.75	ng	91
18) Hexachloroethane	8.69	117	19304	38.90	ng	98
19) n-Nitroso-di-n-propylamine	8.43	70	36925	35.68	ng	94
20) 3+4-Methylphenols	8.42	107	49657	37.64	ng	95
22) Acetophenone	8.45	105	61781	39.23	ng	98
24) Nitrobenzene	8.83	77	54281	40.63	ng	94
25) Isophorone	9.35	82	95688	35.55	ng	99
26) 2-Nitrophenol	9.54	139	24710	39.88	ng	94
27) 2,4-Dimethylphenol	9.62	122	42503	42.19	ng	91
28) bis(2-Chloroethoxy)methane	9.84	93	49908	40.58	ng	96
29) 2,4-Dichlorophenol	10.09	162	43679	44.49	ng	92
30) 1,2,4-Trichlorobenzene	10.29	180	43809	37.94	ng	94
31) Naphthalene	10.47	128	127370	37.95	ng	95
32) Benzoic acid	9.77	122	19068	29.93	ng	87
33) 4-Chloroaniline	10.59	127	29833	20.03	ng	94
34) Hexachlorobutadiene	10.76	225	27777	36.96	ng	99
35) Caprolactam	11.35	113	19531m	36.14	ng	
36) 4-Chloro-3-methylphenol	11.74	107	53271	41.70	ng	92
37) 2-Methylnaphthalene	12.09	142	98195	38.06	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.47	216	51937	36.49	ng	97
40) Hexachlorocyclopentadiene	12.44	237	59950	72.10	ng	93

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 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB83815BS

**Manual Integrations**  
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Quant Time: Jun 05 04:10:43 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 05 03:51:43 2015  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.72	196	37713m	37.00	ng	
43) 2,4,5-Trichlorophenol	12.81	196	42406	37.99	ng	94
45) 1,1'-Biphenyl	13.12	154	129873	37.99	ng	96
46) 2-Chloronaphthalene	13.16	162	103610	36.24	ng	97
47) 2-Nitroaniline	13.38	65	40398	38.27	ng	97
48) Acenaphthylene	14.01	152	174693	34.69	ng	99
49) Dimethylphthalate	13.75	163	145455	35.72	ng	100
50) 2,6-Dinitrotoluene	13.88	165	34155	37.34	ng	92
51) Acenaphthene	14.35	154	105230	35.45	ng	95
52) 3-Nitroaniline	14.21	138	23758	23.98	ng	95
53) 2,4-Dinitrophenol	14.42	184	42338	74.29	ng	96
54) Dibenzofuran	14.69	168	164780	37.63	ng	95
55) 4-Nitrophenol	14.56	139	60125	76.10	ng	97
56) 2,4-Dinitrotoluene	14.67	165	51327	39.39	ng	92
57) Fluorene	15.34	166	146905	36.99	ng	96
58) 2,3,4,6-Tetrachlorophenol	14.93	232	38828	38.13	ng	96
59) Diethylphthalate	15.13	149	159438	36.08	ng	98
60) 4-Chlorophenyl-phenylether	15.34	204	77681	38.60	ng	95
61) 4-Nitroaniline	15.38	138	41788	38.30	ng	86
62) Azobenzene	15.63	77	165787	39.47	ng	98
64) 4,6-Dinitro-2-methylphenol	15.43	198	32705	38.93	ng	95
65) n-Nitrosodiphenylamine	15.56	169	133627	39.54	ng	97
66) 4-Bromophenyl-phenylether	16.24	248	49341	39.34	ng	# 85
67) Hexachlorobenzene	16.35	284	54270	40.25	ng	97
68) Atrazine	16.51	200	56201	37.79	ng	98
69) Pentachlorophenol	16.70	266	61067	74.40	ng	96
70) Phenanthrene	17.08	178	241248	38.19	ng	100
71) Anthracene	17.17	178	246158	39.00	ng	99
72) Carbazole	17.45	167	239471	38.43	ng	97
73) Di-n-butylphthalate	18.01	149	315801	39.57	ng	99
74) Fluoranthene	19.10	202	320508	38.80	ng	99
76) Benzidine	19.30	184	143786	29.29	ng	97
77) Pyrene	19.47	202	331505	37.67	ng	99
79) Butylbenzylphthalate	20.37	149	149003	39.13	ng	99
80) Benzo(a)anthracene	21.22	228	322557	36.72	ng	99
81) 3,3'-Dichlorobenzidine	21.16	252	75451	22.99	ng	96
82) Chrysene	21.27	228	301762	37.93	ng	98
83) Bis(2-ethylhexyl)phthalate	21.15	149	215675	39.28	ng	97
84) Di-n-octyl phthalate	22.02	149	357520	38.83	ng	100
85) Indeno(1,2,3-cd)pyrene	25.74	276	368286	36.87	ng	99
87) Benzo(b)fluoranthene	22.79	252	326458	36.84	ng	98
88) Benzo(k)fluoranthene	22.84	252	309747	36.53	ng	98
89) Benzo(a)pyrene	23.37	252	303347	37.32	ng	99
90) Dibenzo(a,h)anthracene	25.76	278	313800	37.16	ng	97
91) Benzo(g,h,i)perylene	26.44	276	294732	36.67	ng	98

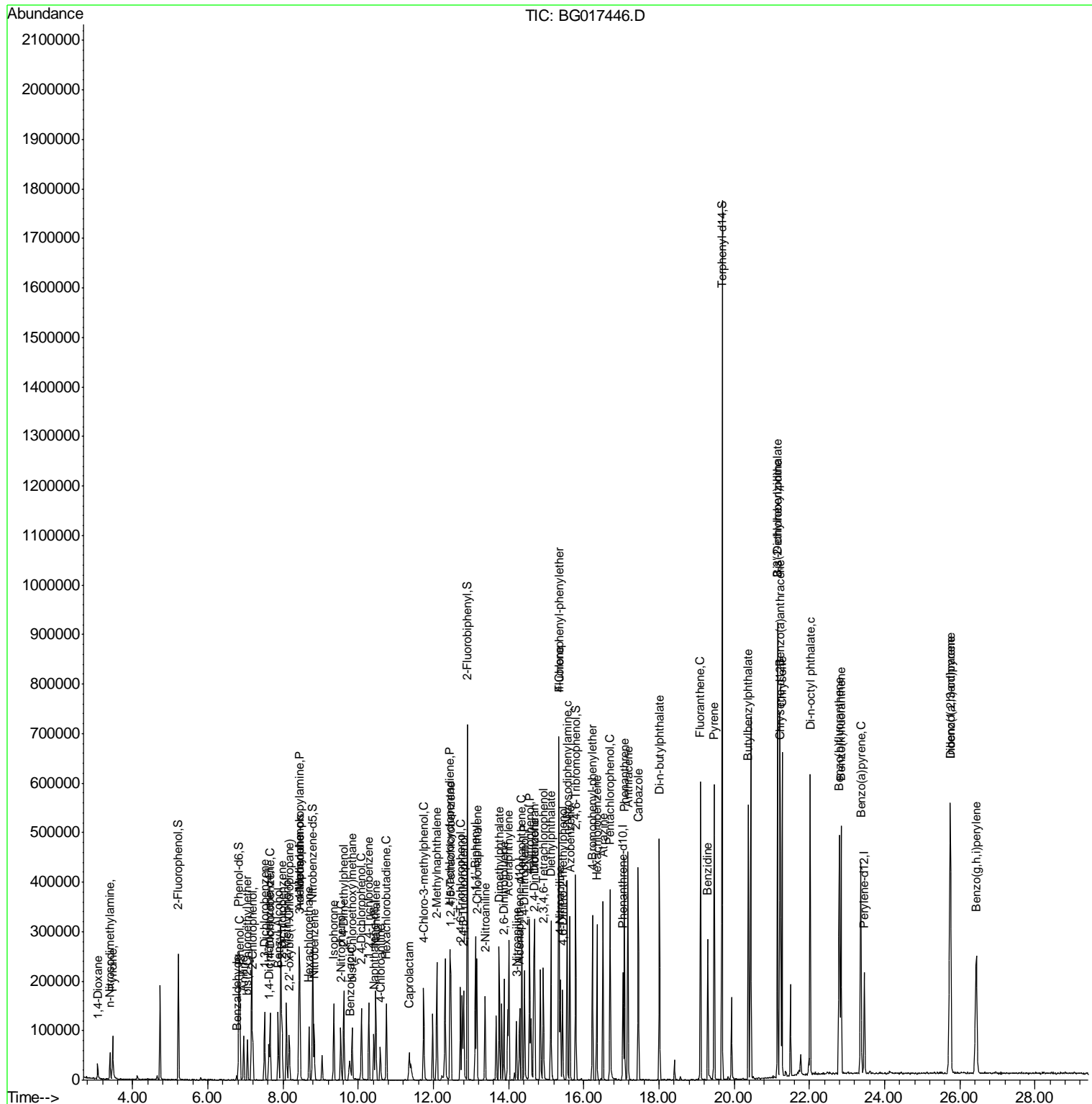
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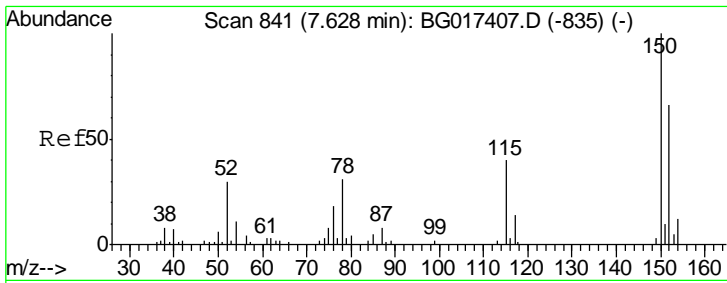
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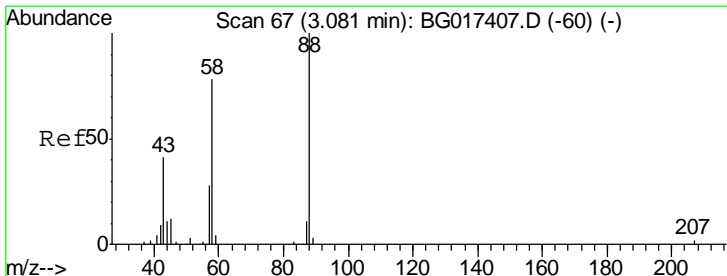
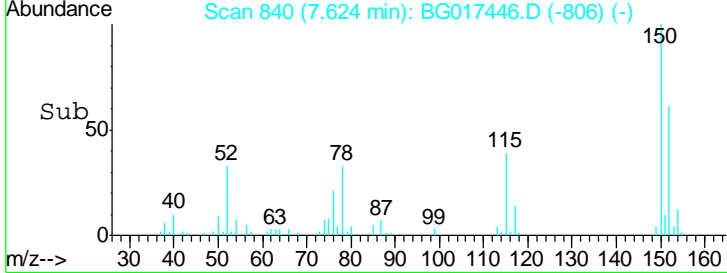
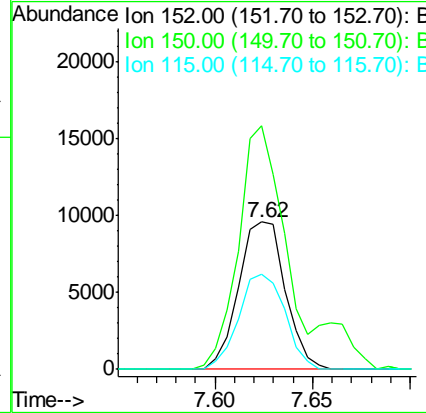
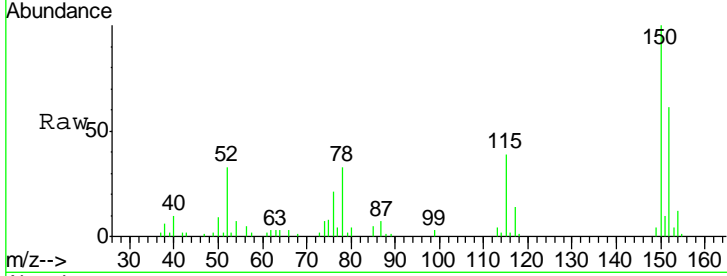


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.62 min Scan# 840  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
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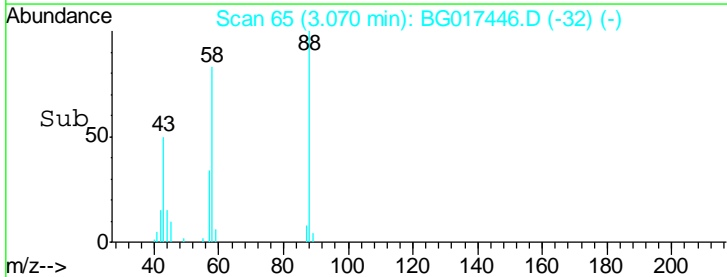
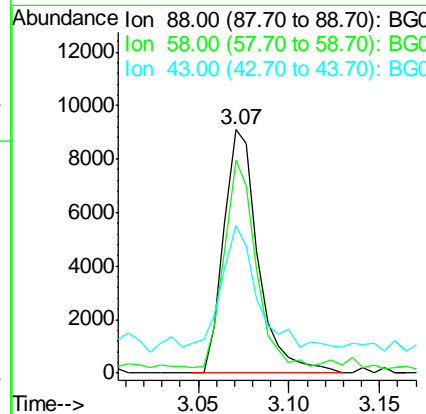
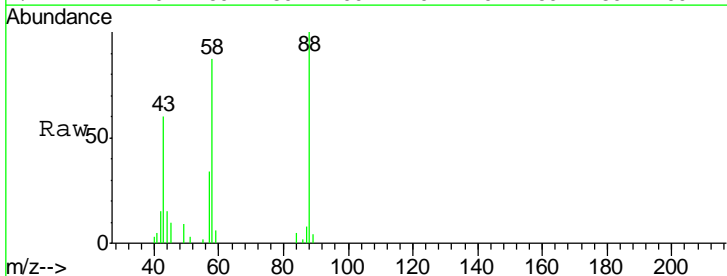
Tgt Ion	Resp	Lower	Upper
152	15821		
152	100		
150	165.1	121.7	182.5
115	64.2	48.6	73.0

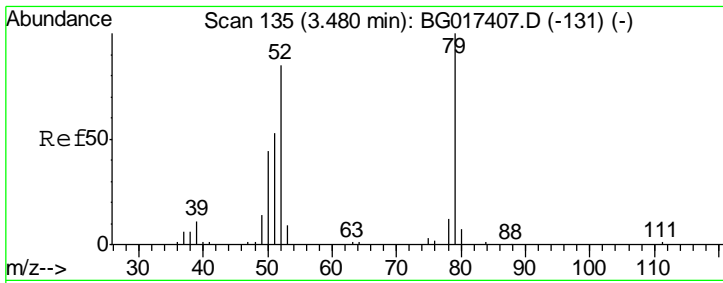
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#2  
 1,4-Dioxane  
 Concen: 29.82 ng  
 RT: 3.07 min Scan# 65  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
88	12053		
88	100		
58	79.1	59.0	88.6
43	57.1	34.5	51.7#



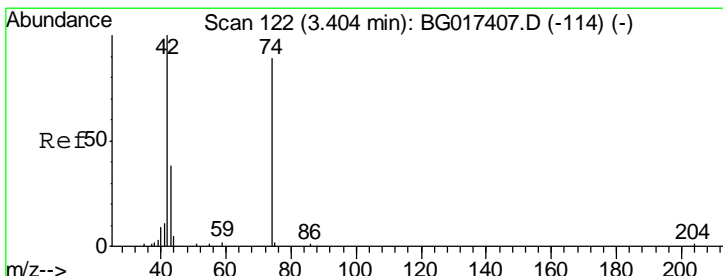
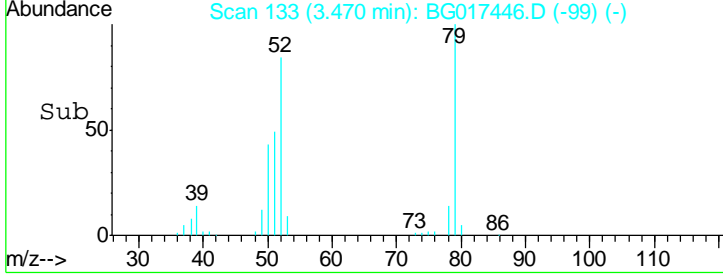
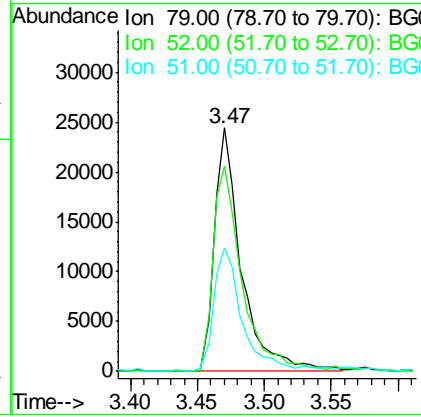
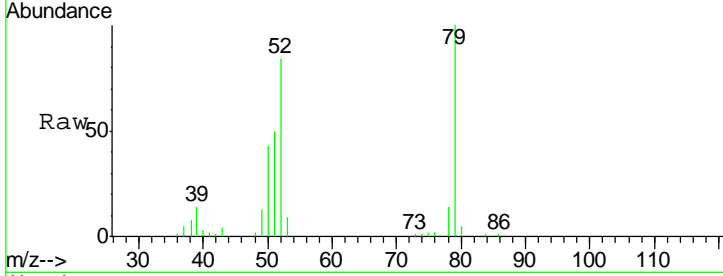


#3  
 Pyridine  
 Concen: 32.08 ng  
 RT: 3.47 min Scan# 133  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB83815BS

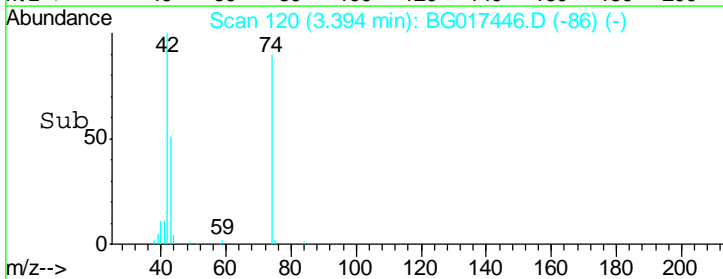
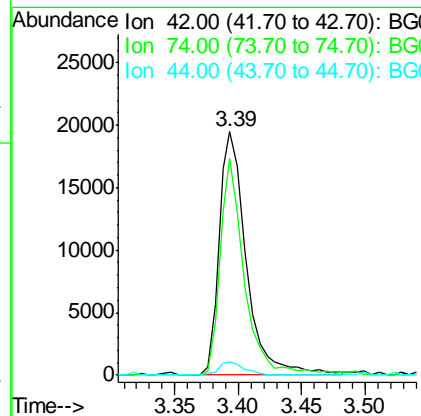
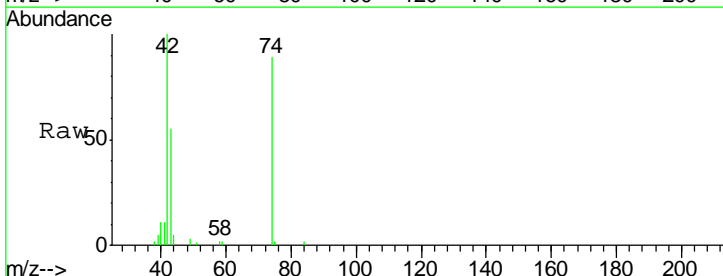
Tgt Ion	Resp	Lower	Upper
79	34630		
79	100		
52	84.2	68.3	102.5
51	50.5	45.0	67.4

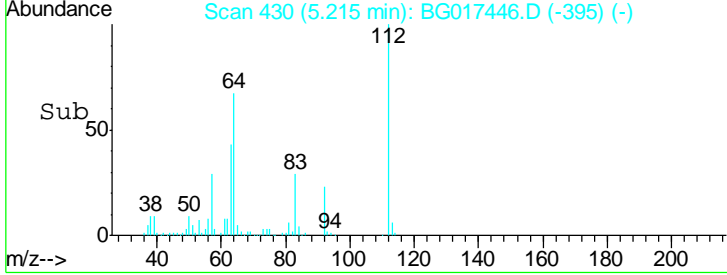
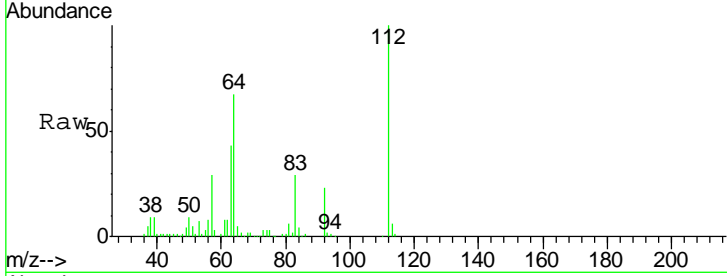
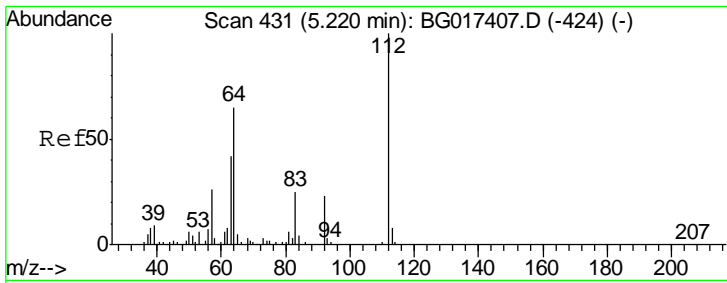
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#4  
 n-Nitrosodimethylamine  
 Concen: 41.36 ng  
 RT: 3.39 min Scan# 120  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
42	29266		
42	100		
74	89.0	71.4	107.2
44	5.2	4.5	6.7



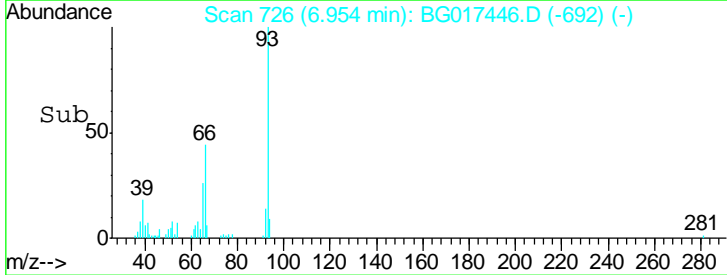
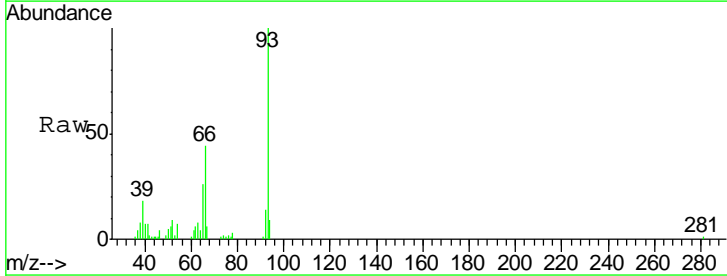
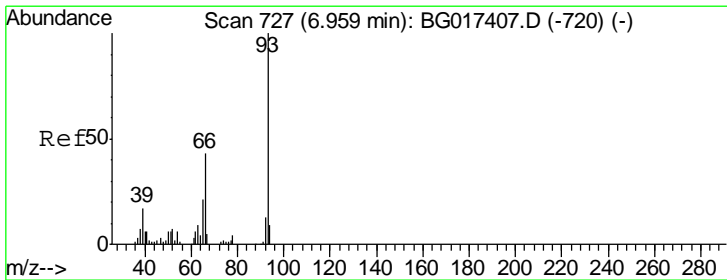
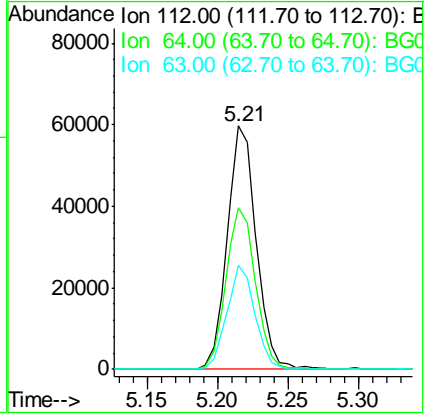


#5  
 2-Fluorophenol  
 Concen: 94.65 ng  
 RT: 5.21 min Scan# 430  
 Delta R.T. 0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
112	100		
64	66.6	51.6	77.4
63	43.0	33.3	49.9

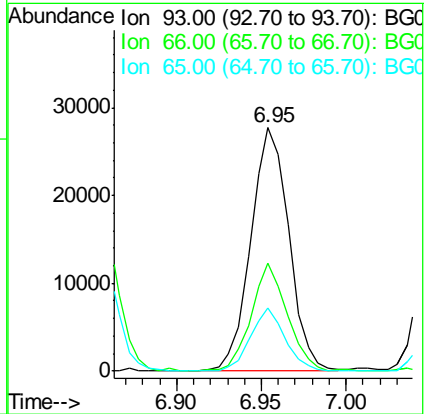
Instrument :  
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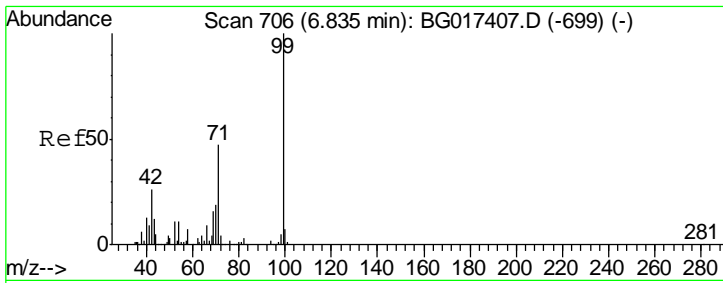
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#6  
 Aniline  
 Concen: 26.30 ng  
 RT: 6.95 min Scan# 726  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

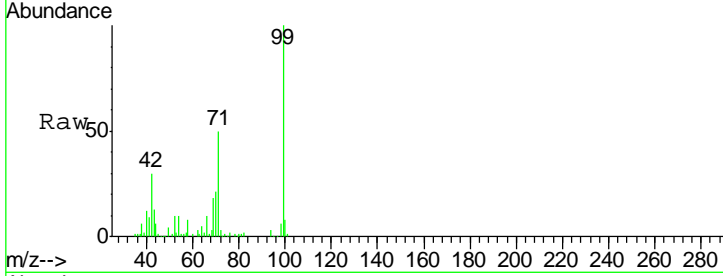
Tgt Ion	Resp	Lower	Upper
93	100		
66	44.4	34.3	51.5
65	26.0	17.0	25.4





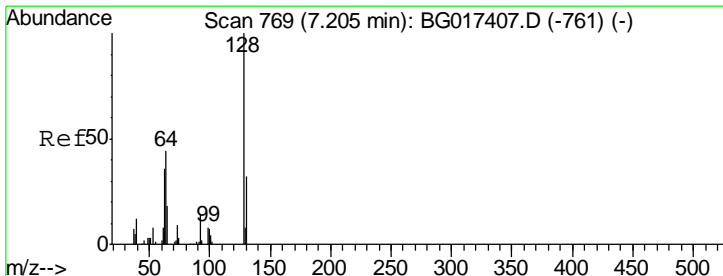
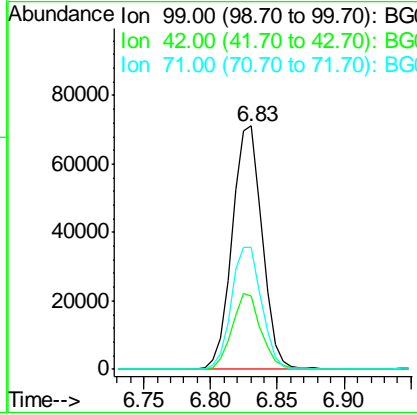
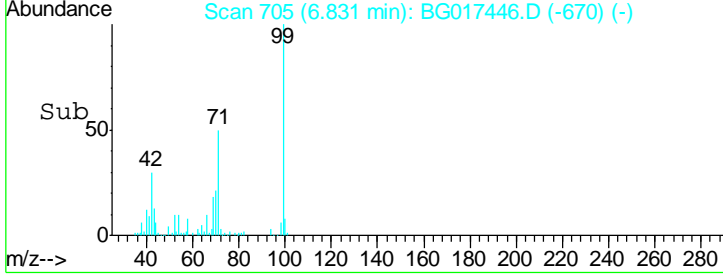
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 Phenol-d6  
 Concen: 90.94 ng  
 RT: 6.83 min Scan# 705  
 Delta R.T. 0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

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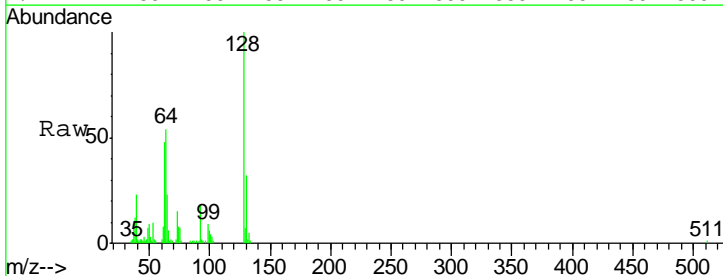


Tgt Ion	Resp	Lower	Upper
99	111252		
99	100		
42	30.1	21.0	31.6
71	49.9	37.2	55.8

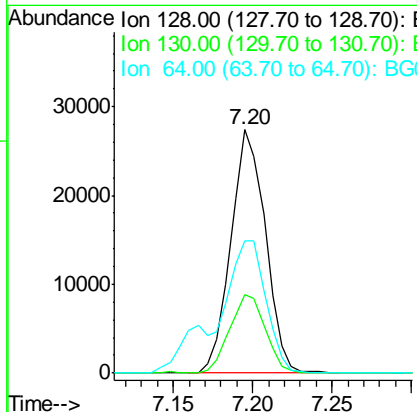
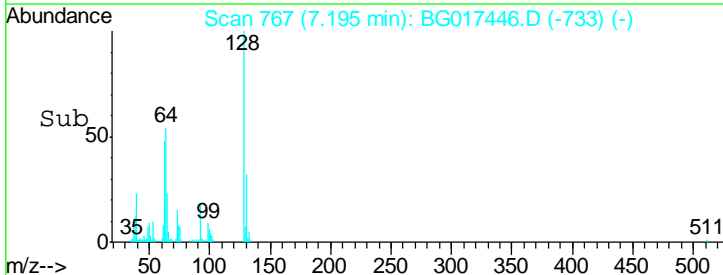
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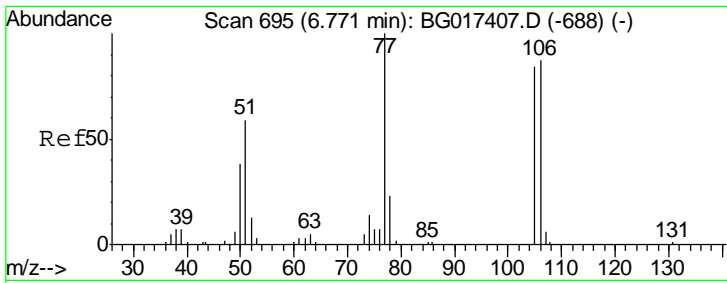


#8  
 2-Chlorophenol  
 Concen: 38.93 ng  
 RT: 7.20 min Scan# 767  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49



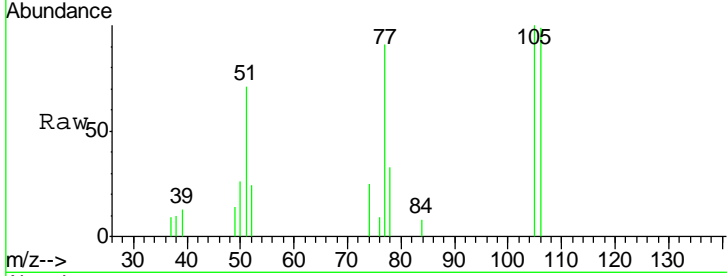
Tgt Ion	Resp	Lower	Upper
128	41339		
128	100		
130	32.4	11.7	51.7
64	54.2	32.5	72.5





#9  
Benzaldehyde  
Concen: 3.40 ng  
RT: 6.77 min Scan# 694  
Delta R.T. 0.00 min  
Lab File: BG017446.D  
Acq: 4 Jun 2015 17:49

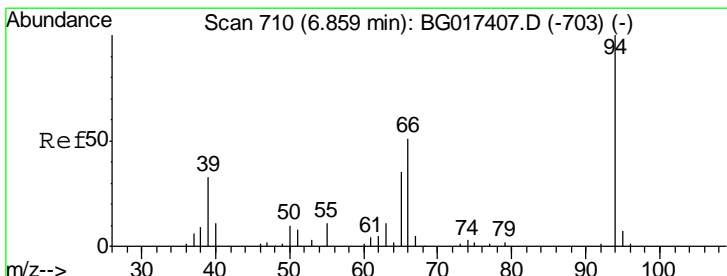
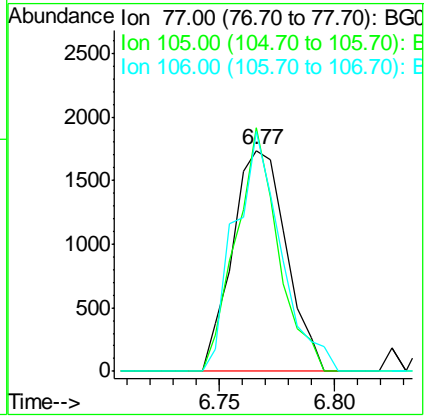
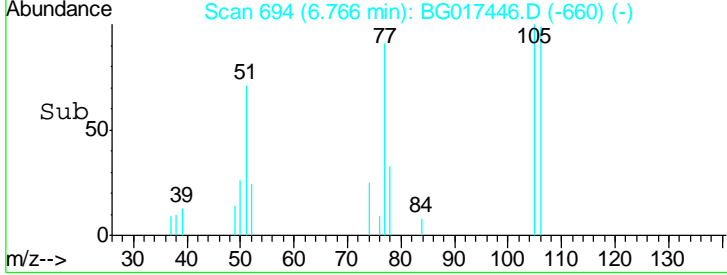
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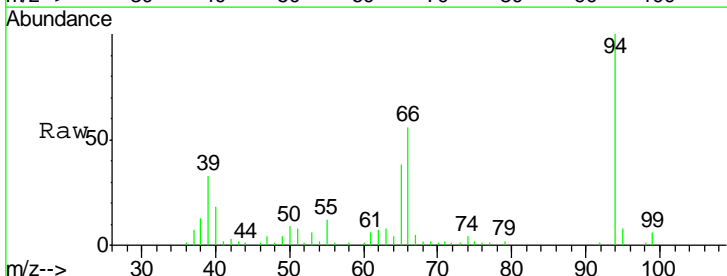
Tgt Ion: 77 Resp: 2827

Ion	Ratio	Lower	Upper
77	100		
105	110.1	64.0	104.0#
106	108.6	67.2	107.2#

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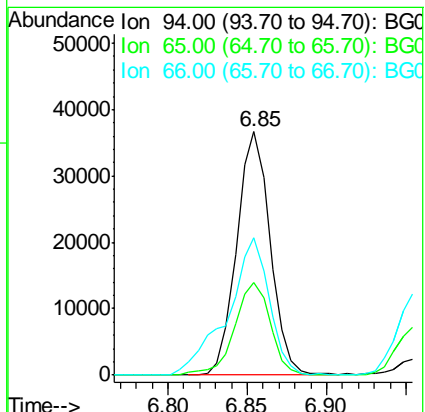
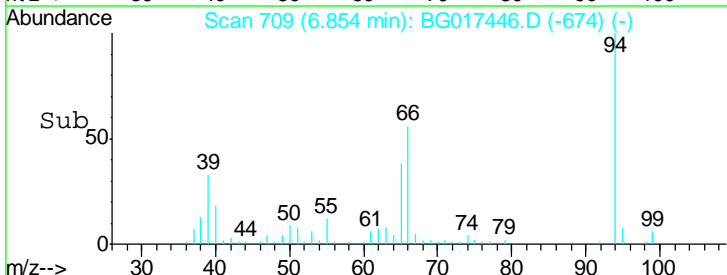


#10  
Phenol  
Concen: 42.58 ng  
RT: 6.85 min Scan# 709  
Delta R.T. 0.01 min  
Lab File: BG017446.D  
Acq: 4 Jun 2015 17:49

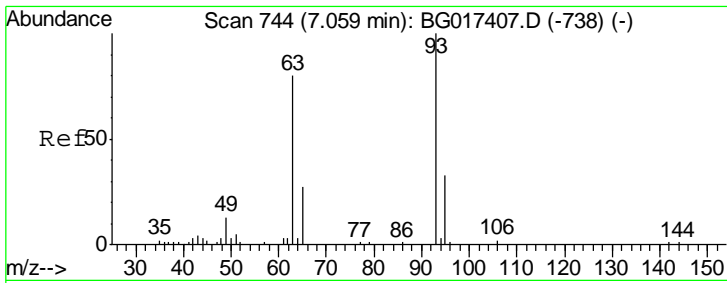


Tgt Ion: 94 Resp: 53502

Ion	Ratio	Lower	Upper
94	100		
65	38.1	15.9	55.9
66	56.3	34.9	74.9





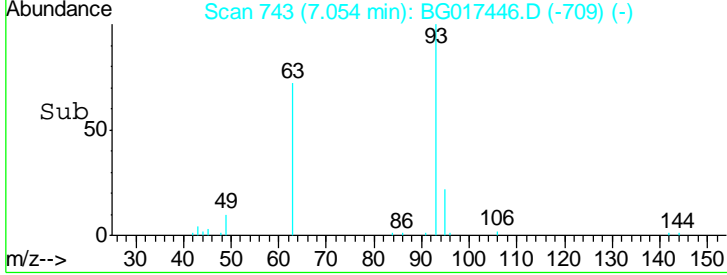
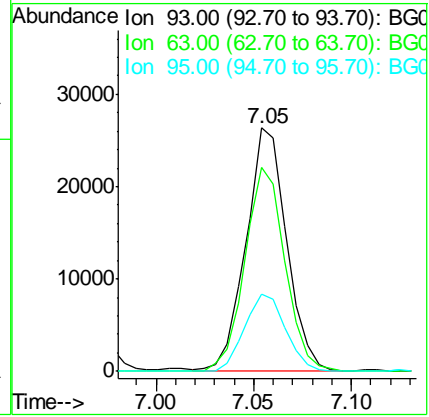
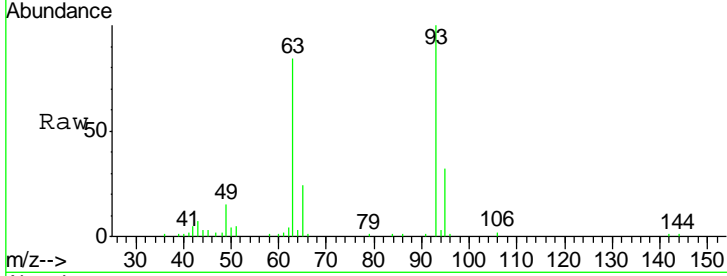


#11  
 bis(2-Chloroethyl)ether  
 Concen: 39.72 ng  
 RT: 7.05 min Scan# 743  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB83815BS

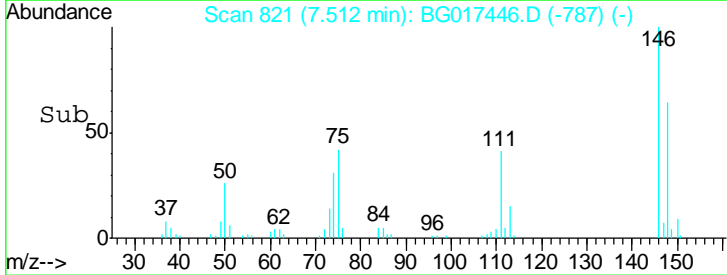
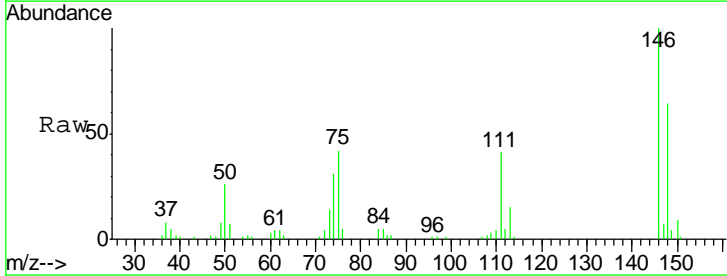
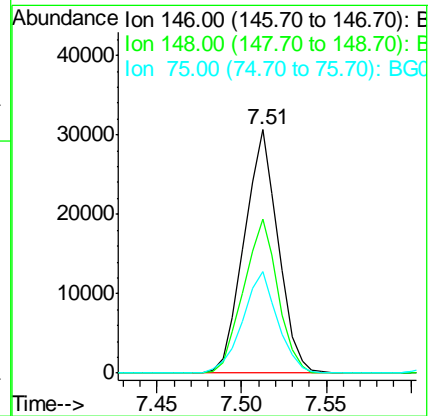
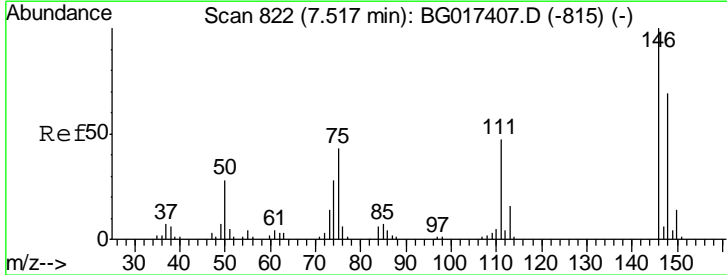
Tgt Ion	Resp	Lower	Upper
93	38026		
93	100		
63	83.8	59.7	99.7
95	32.0	13.2	53.2

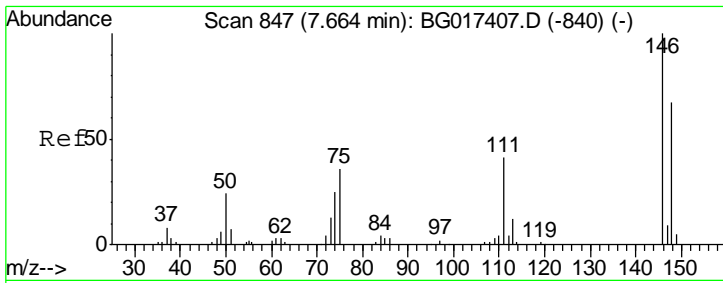
**Manual Integrations**  
**APPROVED**  
 apatel  
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#12  
 1,3-Dichlorobenzene  
 Concen: 36.14 ng  
 RT: 7.51 min Scan# 821  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
146	42903		
146	100		
148	63.5	55.2	82.8
75	41.9	34.1	51.1



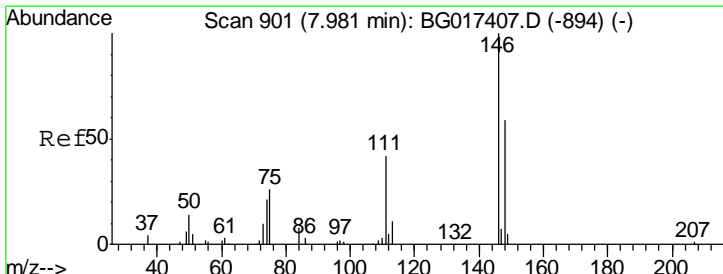
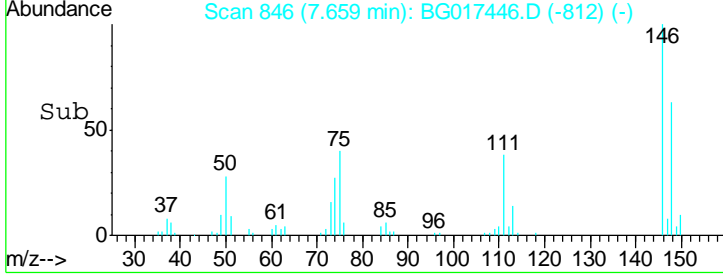
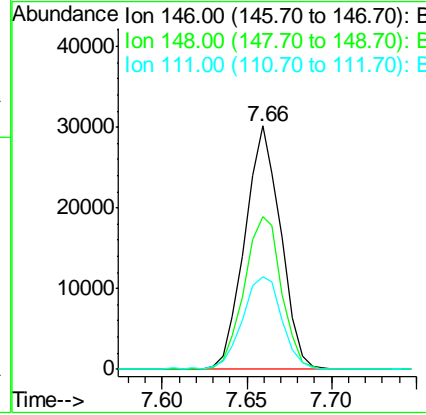
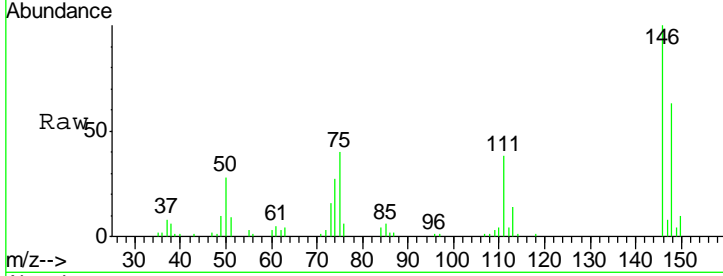


#13  
 1,4-Dichlorobenzene  
 Concen: 35.73 ng  
 RT: 7.66 min Scan# 846  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

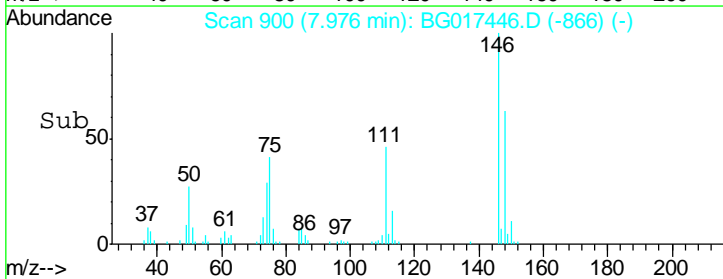
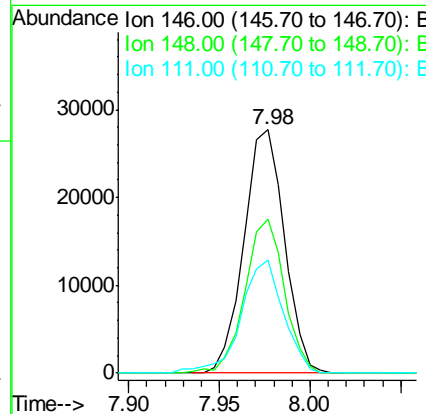
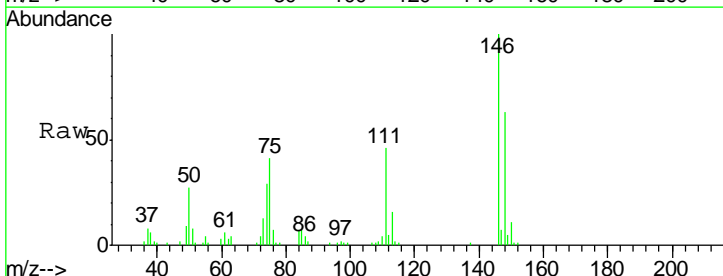
Tgt Ion	Resp	Lower	Upper
146	100		
148	62.8	53.2	79.8
111	38.1	33.2	49.8

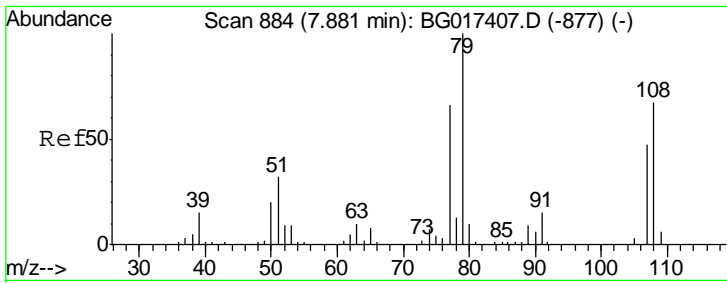
Manual Integrations  
**APPROVED**  
 apatel  
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#14  
 1,2-Dichlorobenzene  
 Concen: 36.91 ng  
 RT: 7.98 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
146	100		
148	63.4	46.9	70.3
111	46.3	35.0	52.4



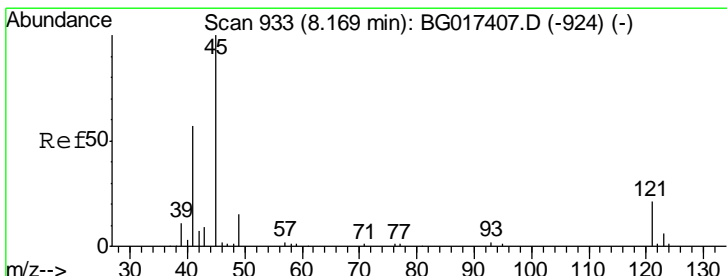
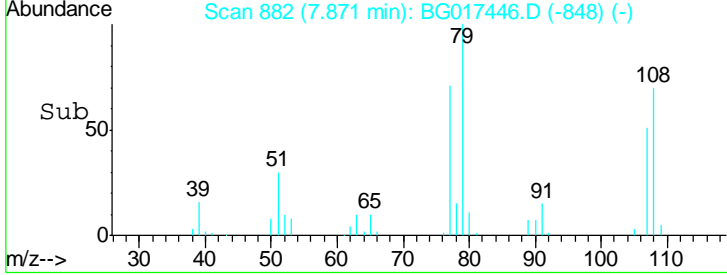
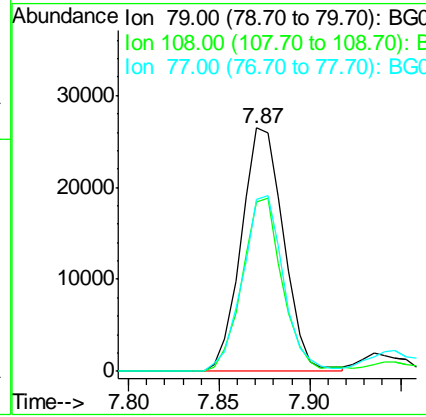
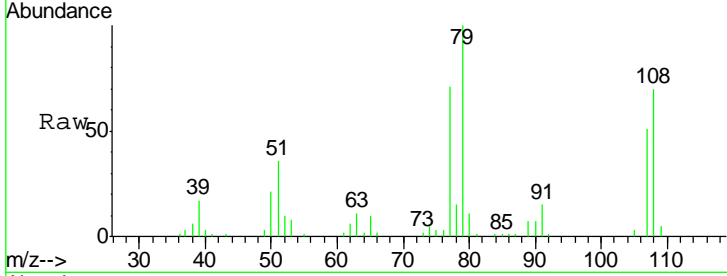


#15  
 Benzyl Alcohol  
 Concen: 37.67 ng  
 RT: 7.87 min Scan# 882  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

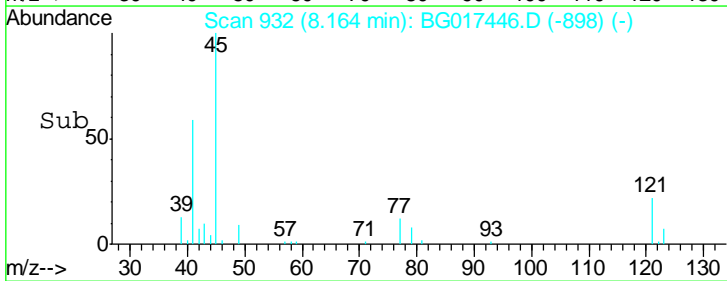
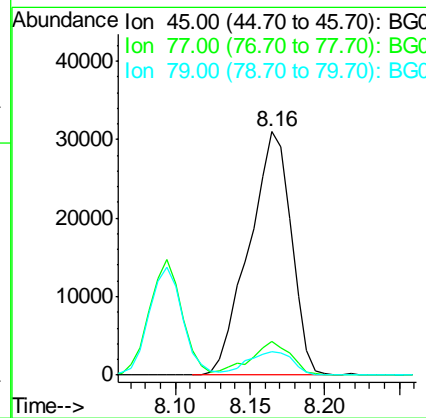
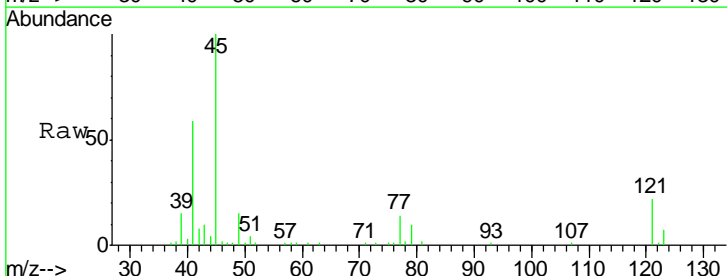
Tgt Ion	Resp	Lower	Upper
79	42910		
108	69.7	53.7	80.5
77	70.7	53.0	79.4

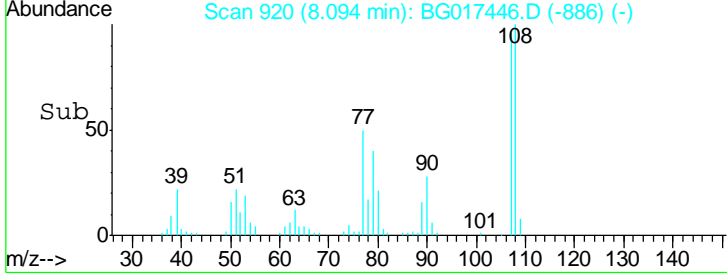
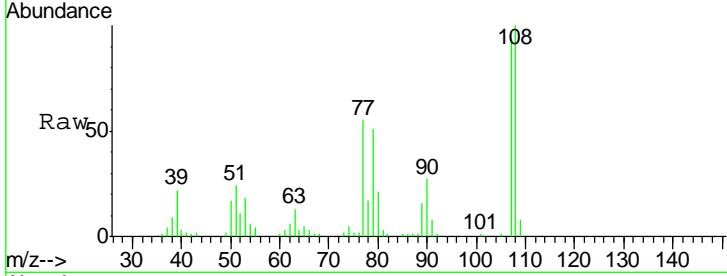
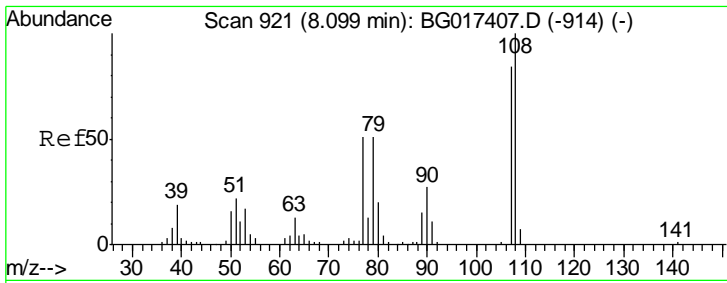
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#16  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 37.59 ng  
 RT: 8.16 min Scan# 932  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

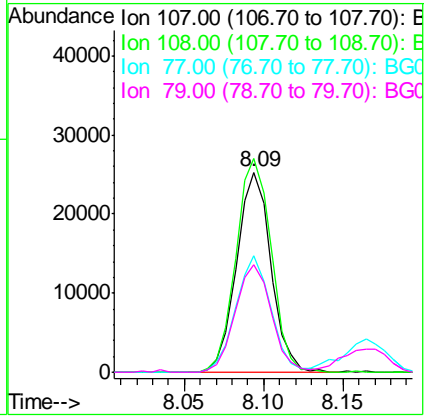
Tgt Ion	Resp	Lower	Upper
45	60663		
77	13.7	0.0	33.9
79	9.6	0.0	29.0





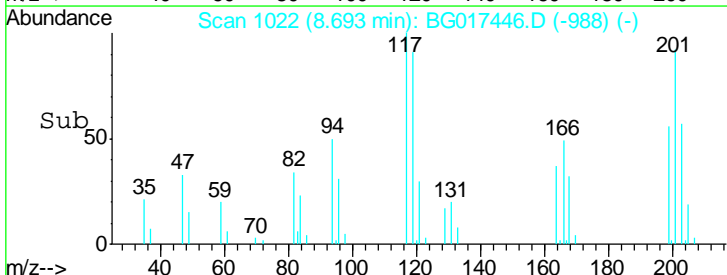
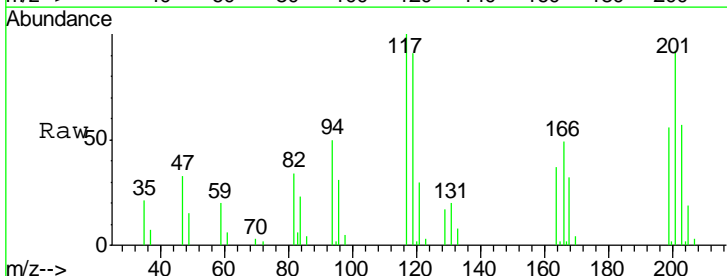
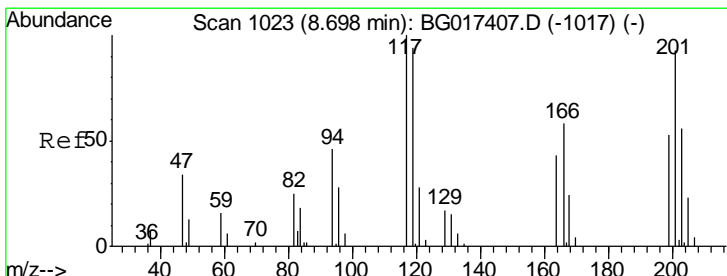
#17  
 2-Methylphenol  
 Concen: 39.75 ng  
 RT: 8.09 min Scan# 920  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
107	37897		
107	100		
108	106.8	95.4	143.0
77	58.3	48.8	73.2
79	54.1	48.2	72.4



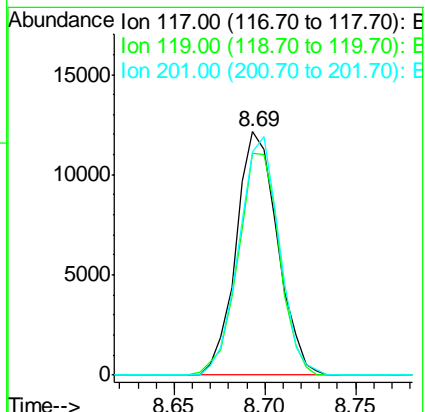
Instrument :  
 BNA\_G  
 ClientSampled :  
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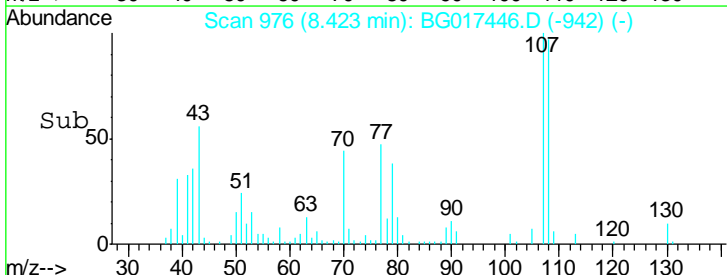
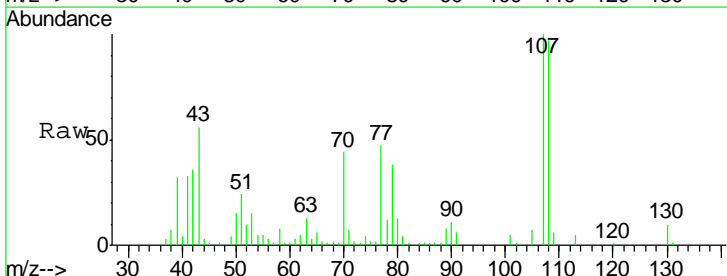
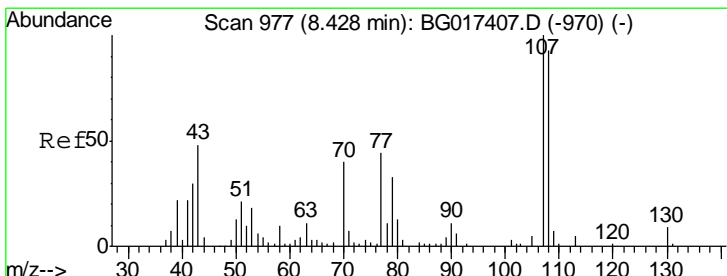
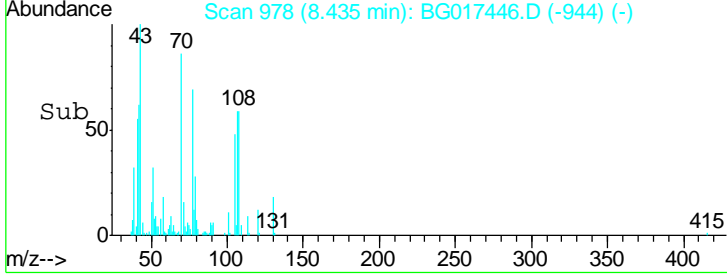
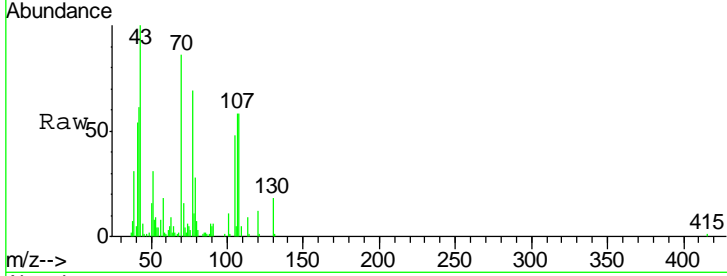
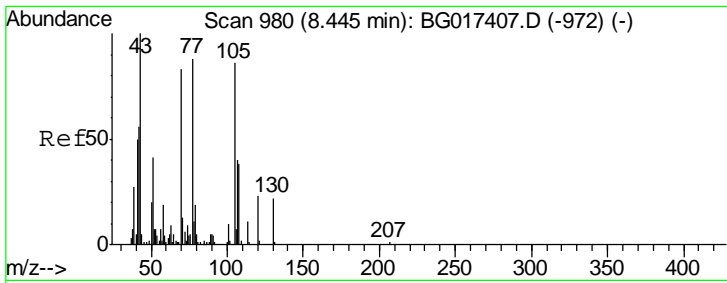
Manual Integrations  
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#18  
 Hexachloroethane  
 Concen: 38.90 ng  
 RT: 8.69 min Scan# 1022  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

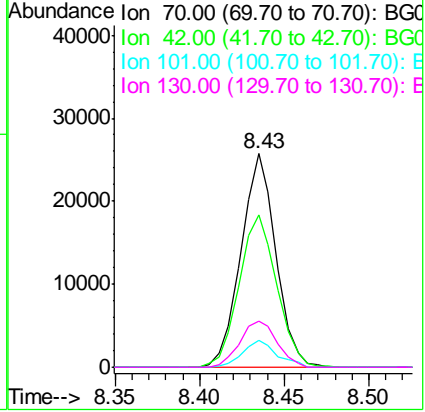
Tgt Ion	Resp	Lower	Upper
117	19304		
117	100		
119	90.9	75.0	112.4
201	91.6	74.2	111.2





#19  
 n-Nitroso-di-n-propylamine  
 Concen: 35.68 ng  
 RT: 8.43 min Scan# 978  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Ratio	Lower	Upper
70	100		
42	71.4	53.8	80.8
101	12.4	9.5	14.3
130	21.4	21.2	31.8

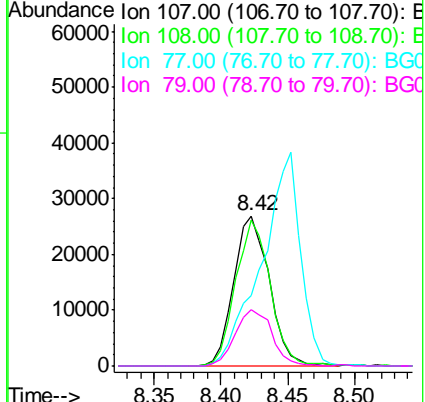


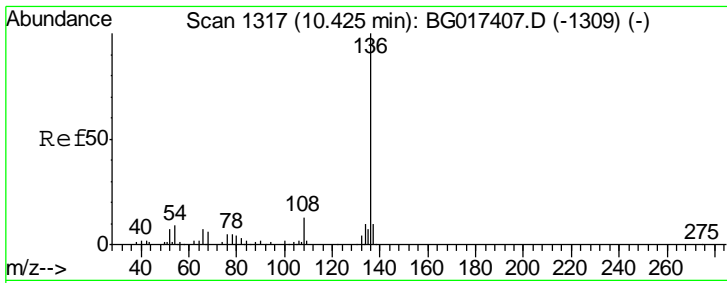
Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

Manual Integrations  
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#20  
 3+4-Methylphenols  
 Concen: 37.64 ng  
 RT: 8.42 min Scan# 976  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

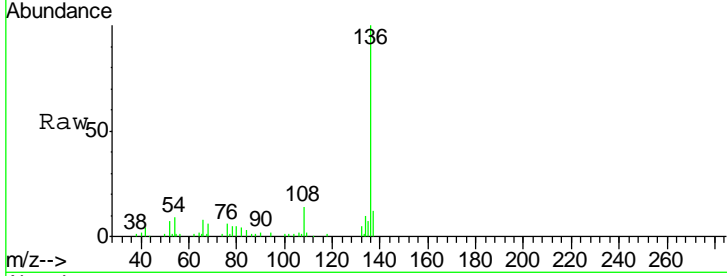
Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.0	73.0	113.0
77	47.3	23.9	63.9
79	37.9	13.4	53.4





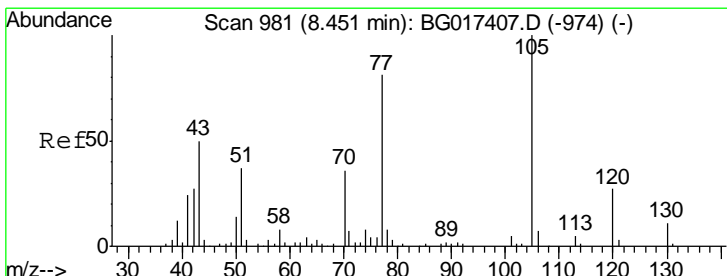
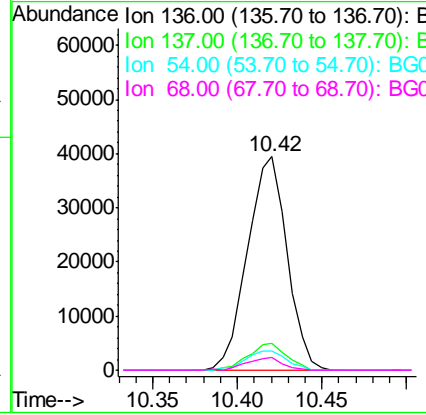
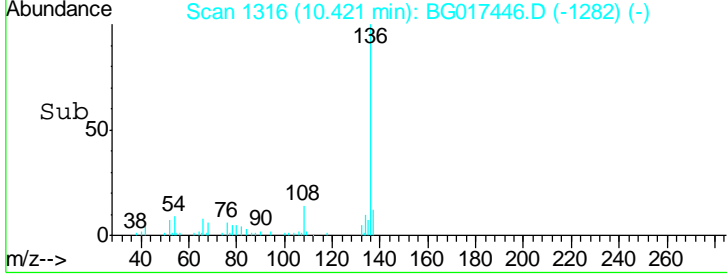
#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 10.42 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

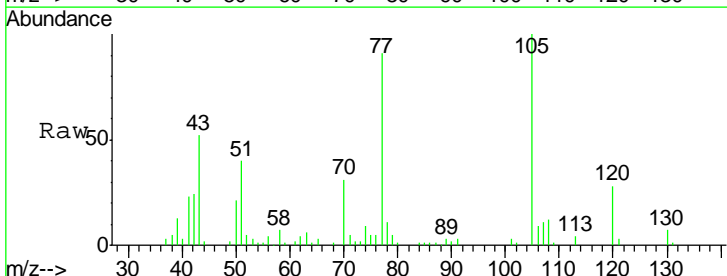


Tgt Ion	Resp	Lower	Upper
136	100		
137	12.4	7.9	11.9#
54	8.8	7.2	10.8
68	6.2	4.5	6.7

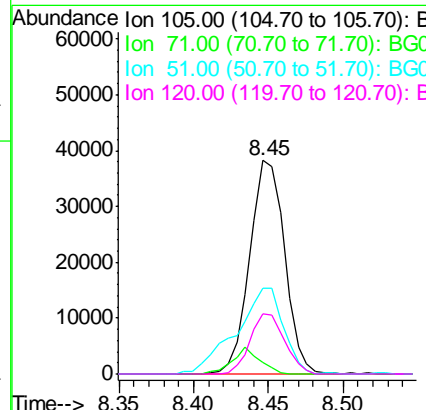
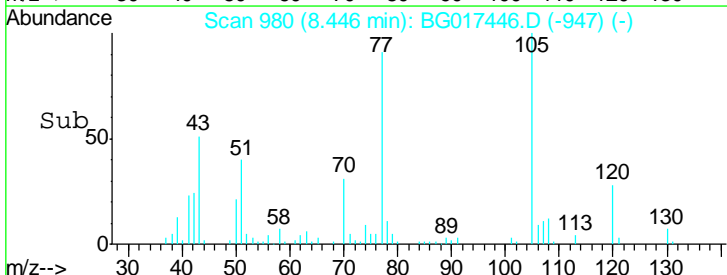
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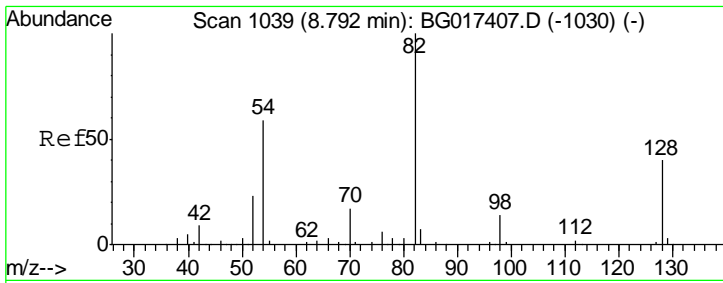


#22  
 Acetophenone  
 Concen: 39.23 ng  
 RT: 8.45 min Scan# 980  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49



Tgt Ion	Resp	Lower	Upper
105	100		
71	5.3	5.3	7.9
51	40.2	32.4	48.6
120	28.2	21.4	32.2



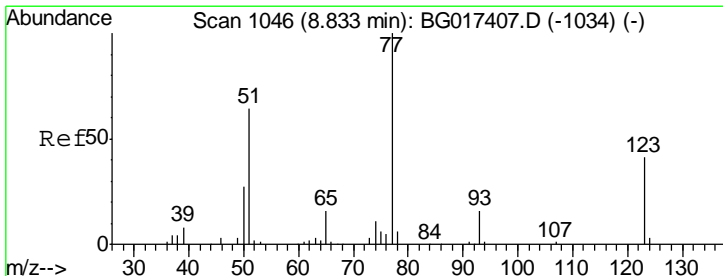
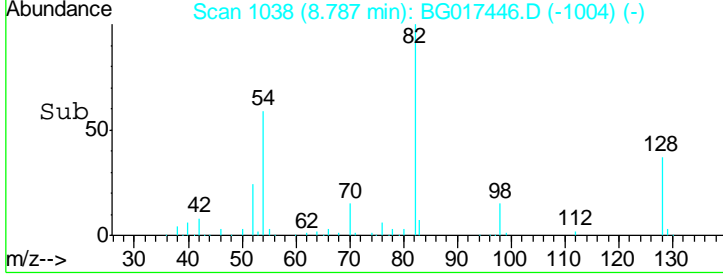
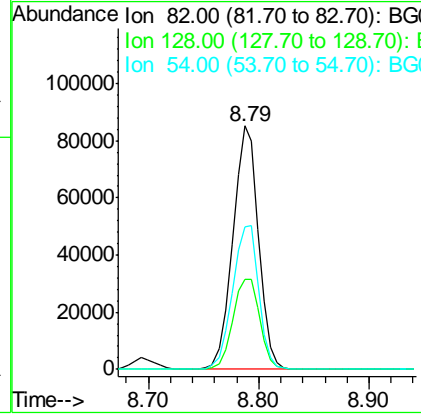
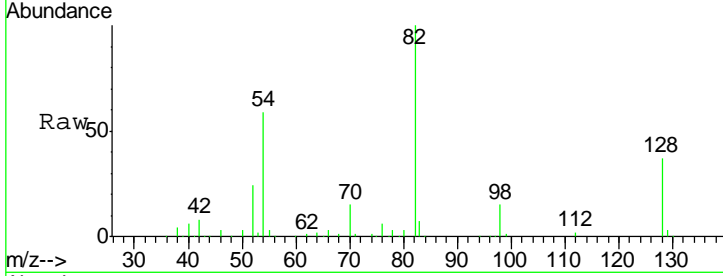


#23  
 Nitrobenzene-d5  
 Concen: 107.28 ng  
 RT: 8.79 min Scan# 1038  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB83815BS

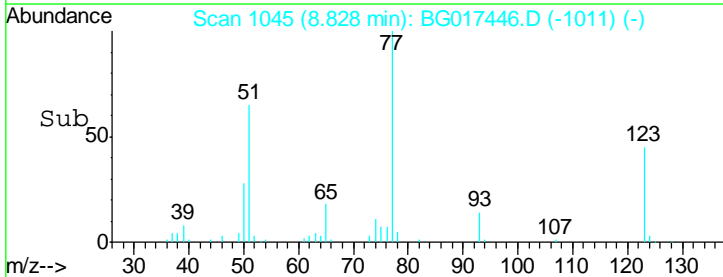
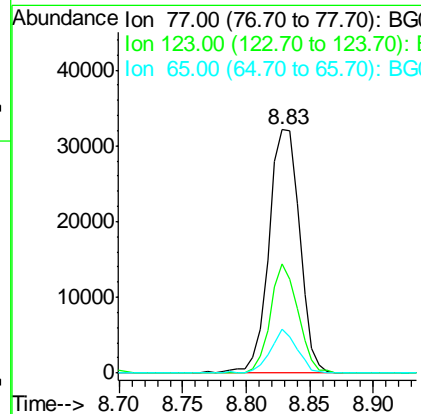
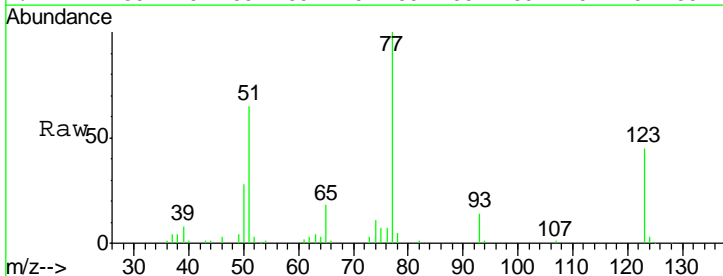
Tgt Ion	Resp	Lower	Upper
82	138073		
128	37.1	32.2	48.4
54	58.6	47.4	71.2

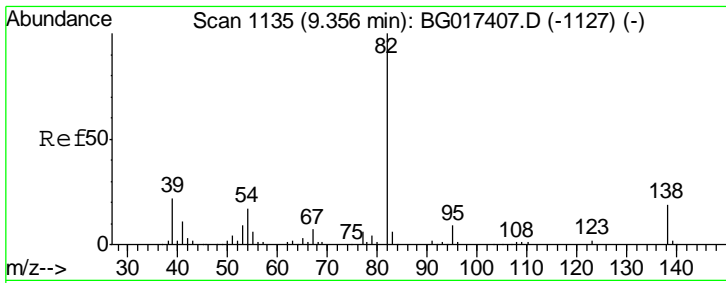
**Manual Integrations**  
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#24  
 Nitrobenzene  
 Concen: 40.63 ng  
 RT: 8.83 min Scan# 1045  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
77	54281		
123	44.8	32.6	49.0
65	18.0	12.8	19.2



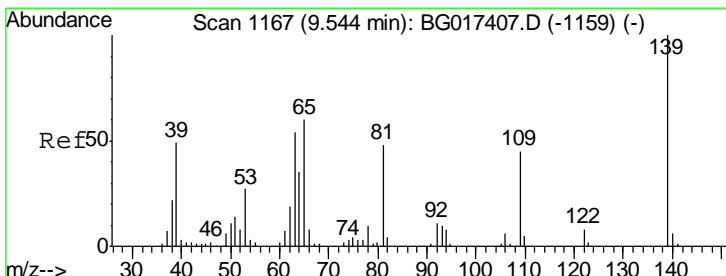
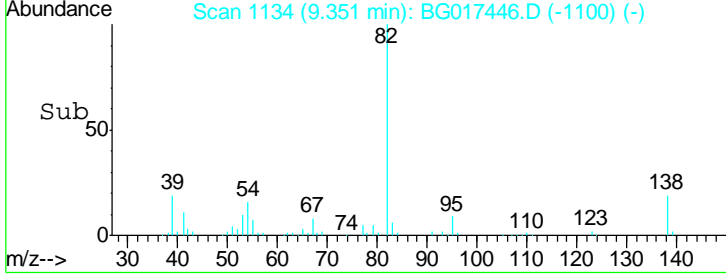
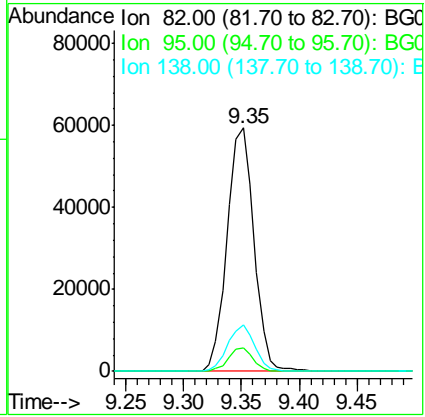
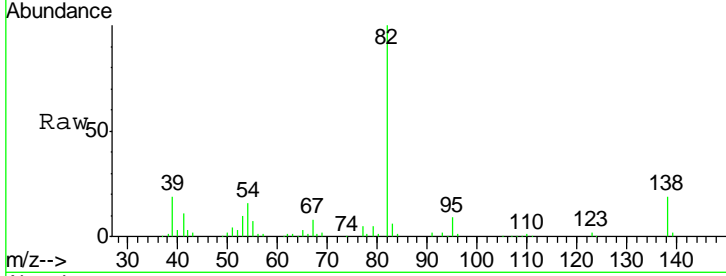


#25  
 Isophorone  
 Concen: 35.55 ng  
 RT: 9.35 min Scan# 1134  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

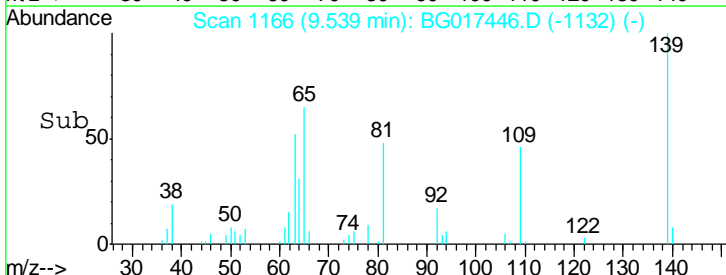
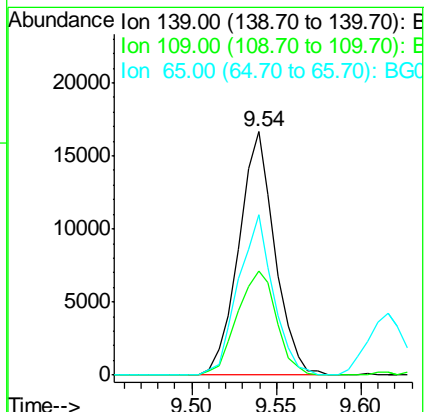
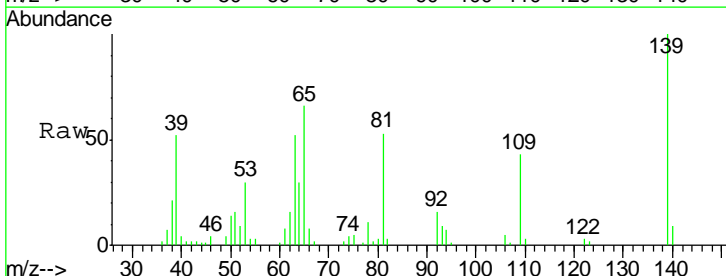
Tgt Ion	Resp	Lower	Upper
82	100		
95	9.4	7.1	10.7
138	19.3	15.5	23.3

Manual Integrations  
 APPROVED  
 apatel  
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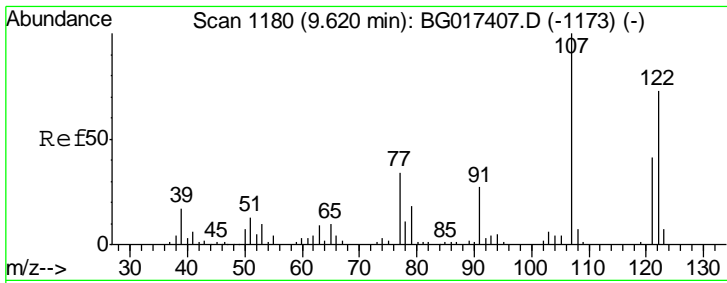


#26  
 2-Nitrophenol  
 Concen: 39.88 ng  
 RT: 9.54 min Scan# 1166  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
139	100		
109	42.8	35.7	53.5
65	66.1	48.3	72.5





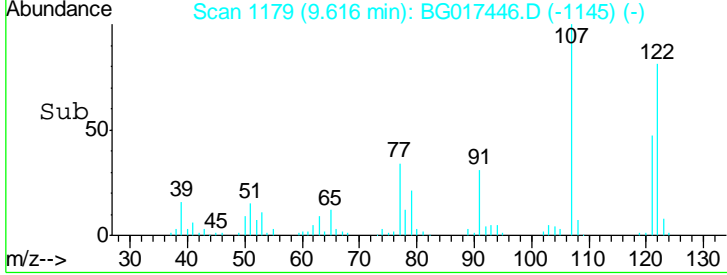
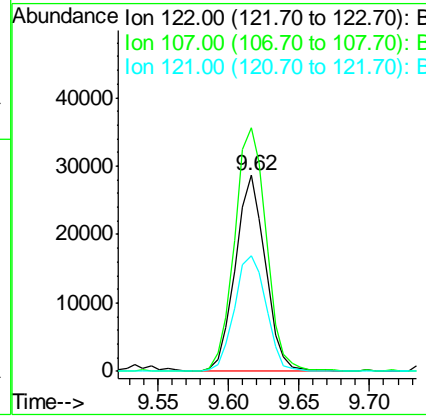
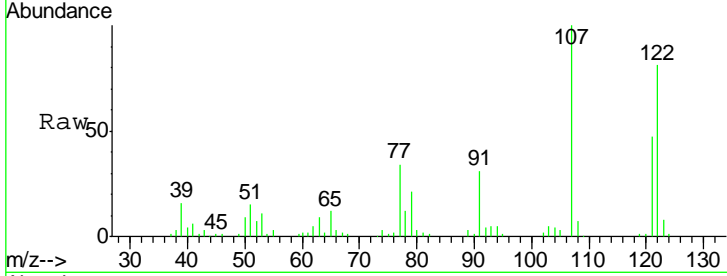


#27  
 2,4-Dimethylphenol  
 Concen: 42.19 ng  
 RT: 9.62 min Scan# 1179  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB83815BS

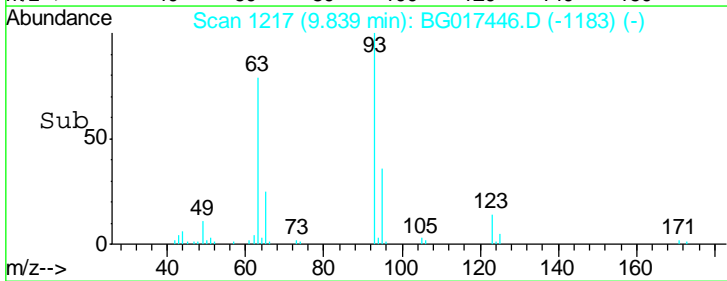
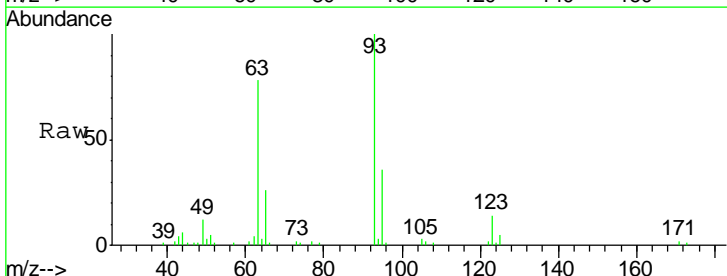
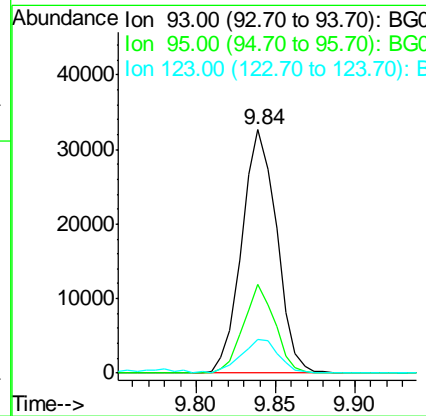
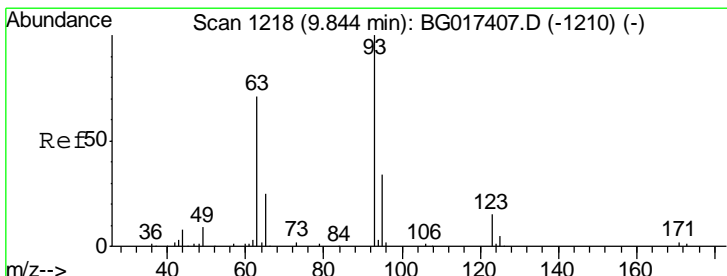
Tgt Ion	Resp	Lower	Upper
122	42503		
107	124.1	109.2	163.8
121	58.9	44.3	66.5

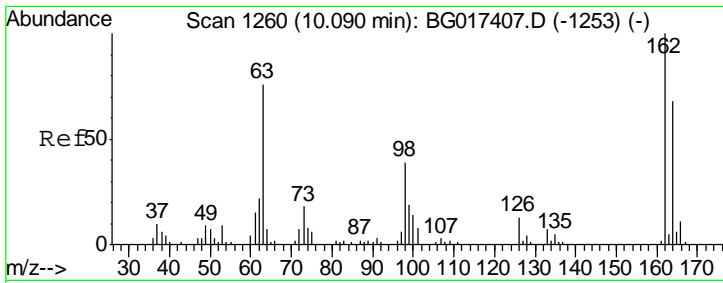
**Manual Integrations**  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.58 ng  
 RT: 9.84 min Scan# 1217  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
93	49908		
95	36.2	27.0	40.6
123	14.0	12.5	18.7



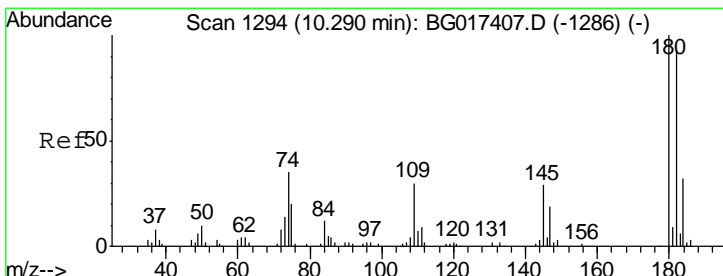
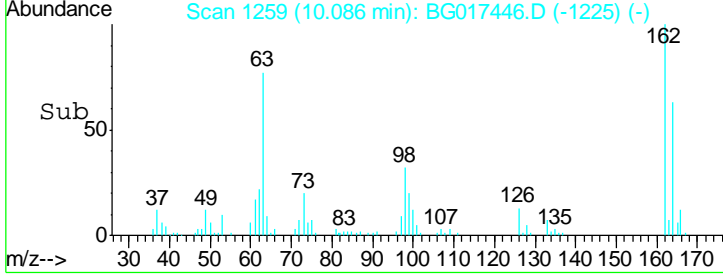
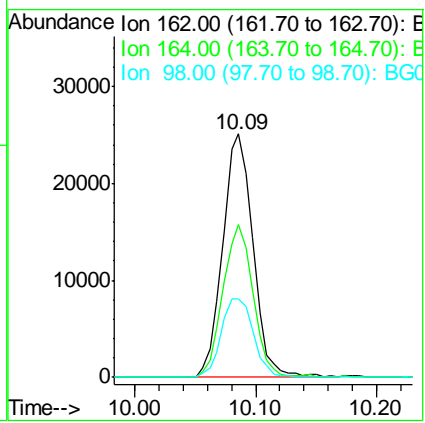
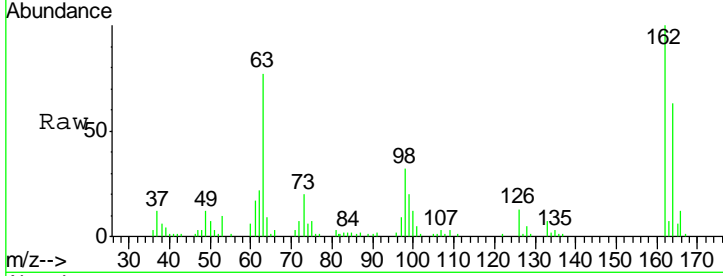


#29  
 2,4-Dichlorophenol  
 Concen: 44.49 ng  
 RT: 10.09 min Scan# 1259  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

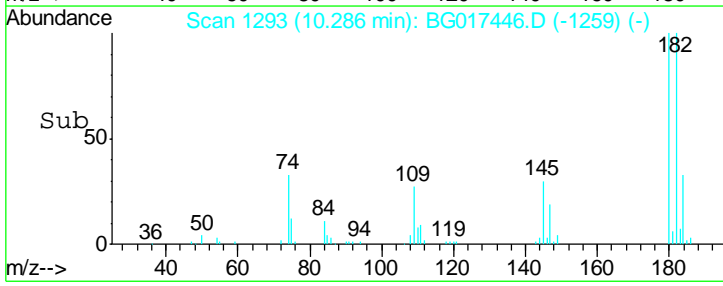
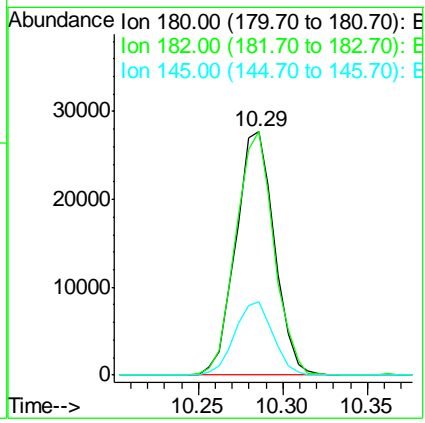
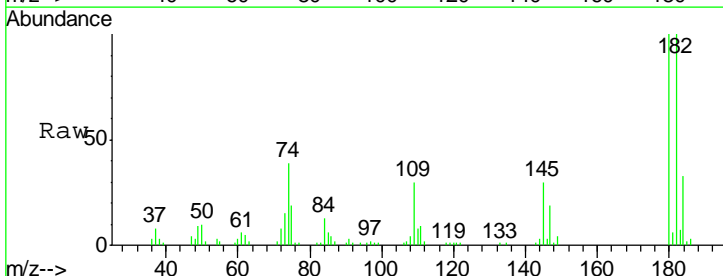
Tgt Ion	Resp	Lower	Upper
162	43679		
162	100		
164	62.5	48.0	88.0
98	32.5	18.9	58.9

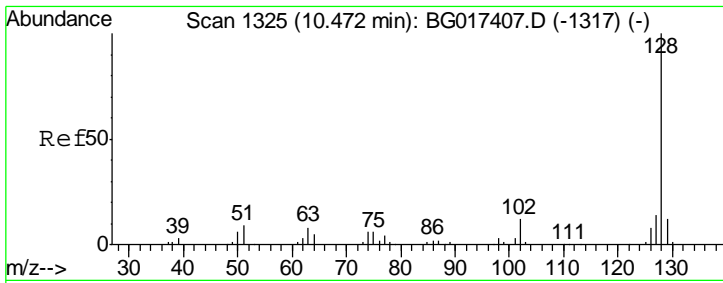
Manual Integrations  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.94 ng  
 RT: 10.29 min Scan# 1293  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
180	43809		
180	100		
182	99.8	74.5	111.7
145	30.2	23.5	35.3



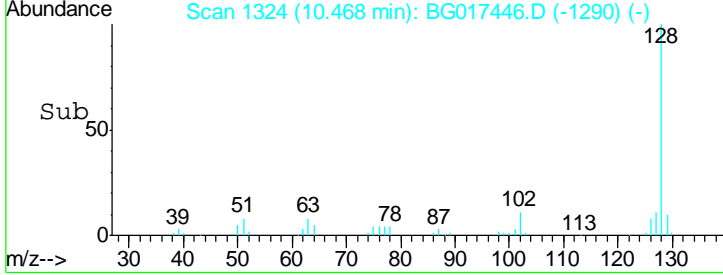
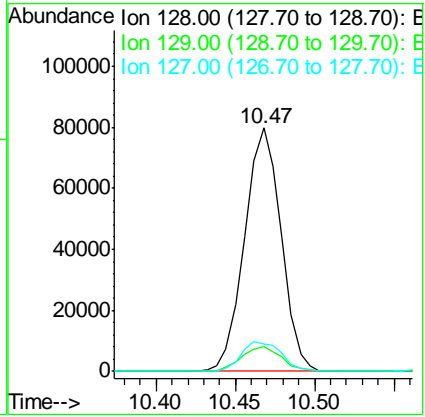
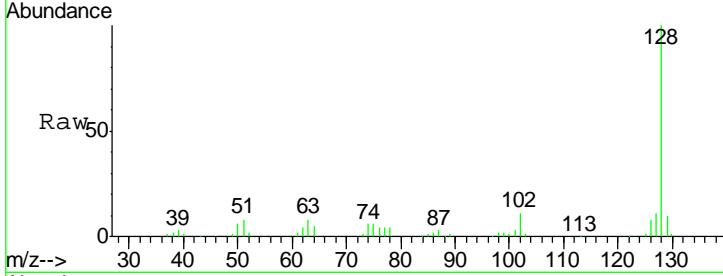


#31  
 Naphthalene  
 Concen: 37.95 ng  
 RT: 10.47 min Scan# 1324  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

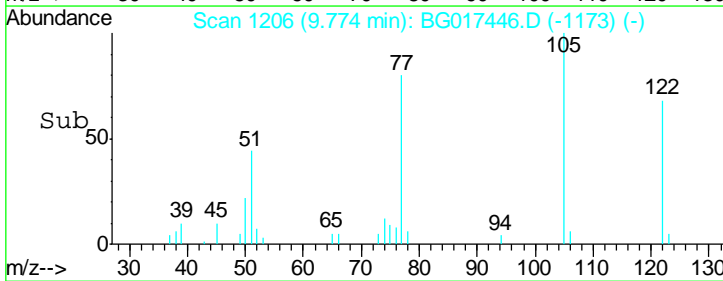
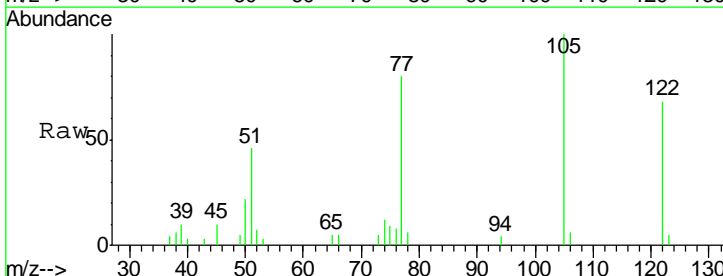
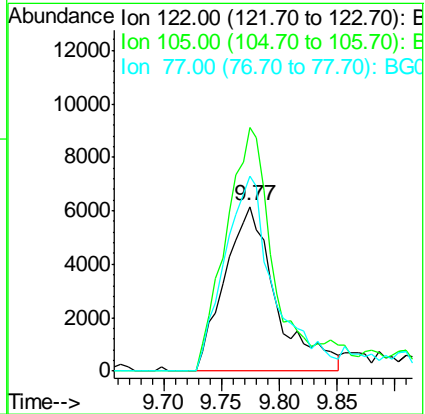
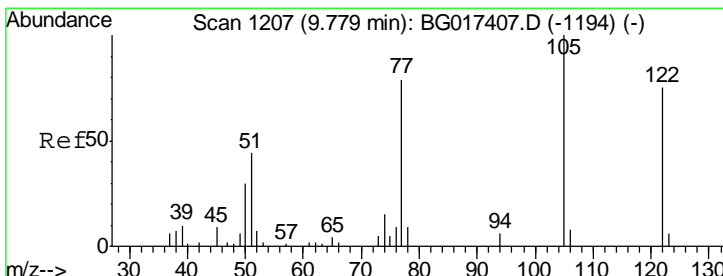
Tgt Ion	Resp	Lower	Upper
128	127370		
129	10.3	9.2	13.8
127	11.1	10.9	16.3

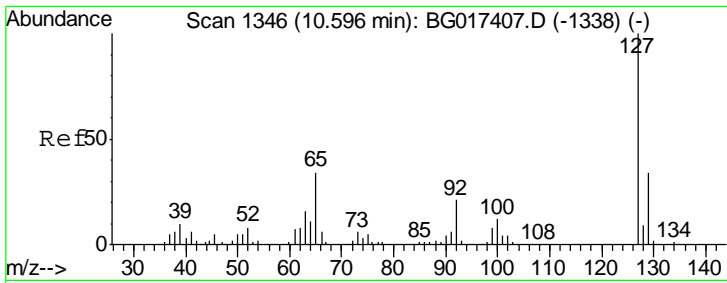
Manual Integrations  
**APPROVED**  
 apatel  
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#32  
 Benzoic acid  
 Concen: 29.93 ng  
 RT: 9.77 min Scan# 1206  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

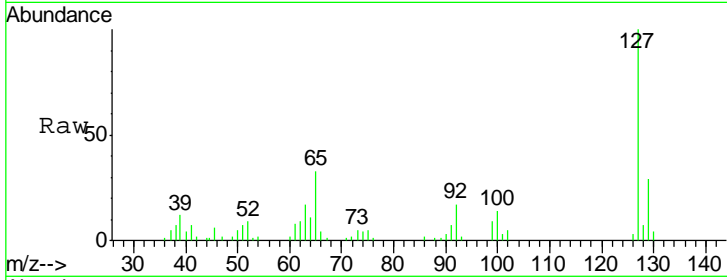
Tgt Ion	Resp	Lower	Upper
122	19068		
105	147.9	113.5	153.5
77	118.7	85.2	125.2





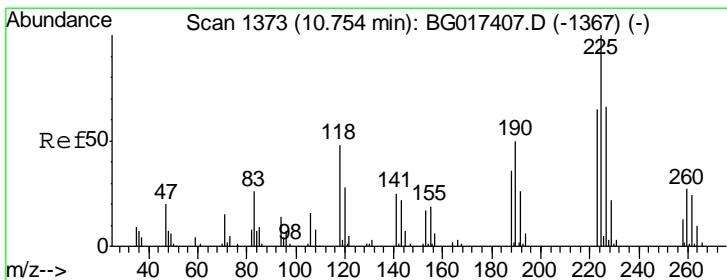
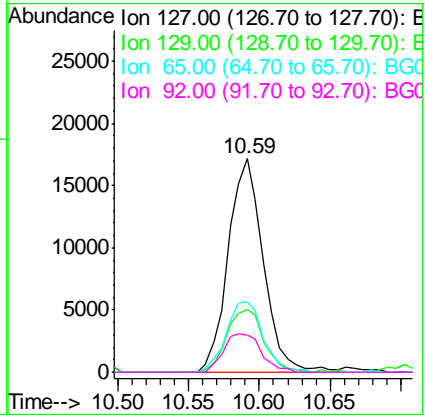
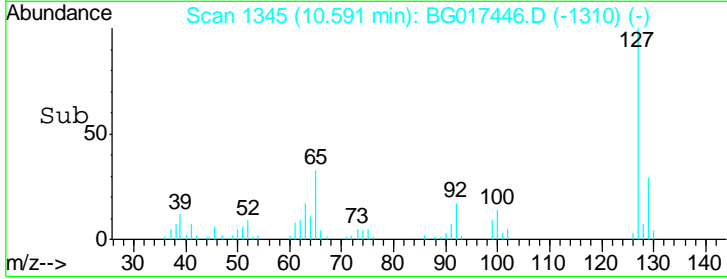
#33  
 4-Chloroaniline  
 Concen: 20.03 ng  
 RT: 10.59 min Scan# 1345  
 Delta R.T. 0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

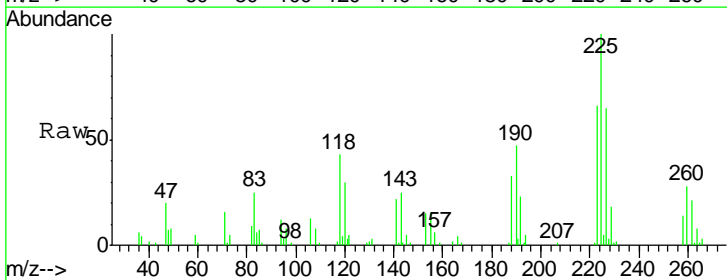


Tgt Ion	Resp	Lower	Upper
127	100		
129	29.3	27.1	40.7
65	33.1	27.6	41.4
92	17.4	16.7	25.1

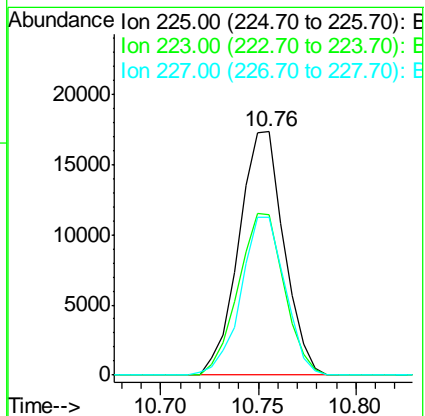
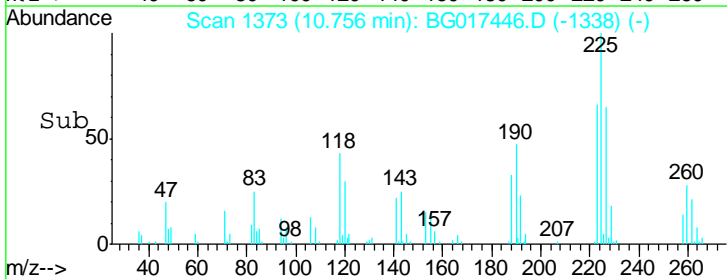
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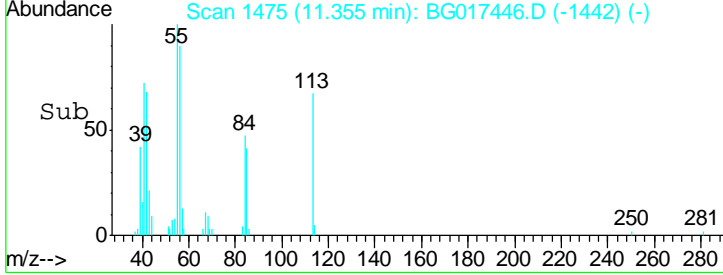
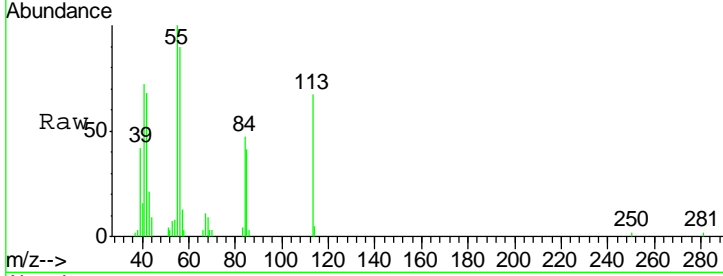
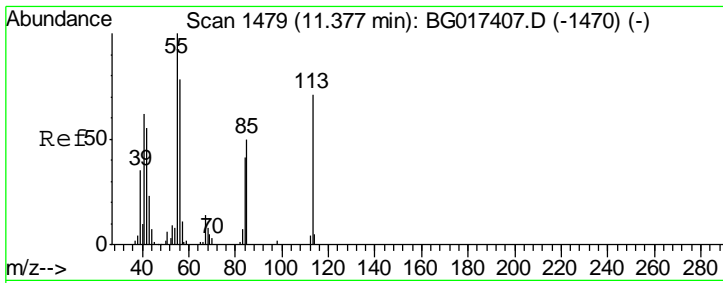


#34  
 Hexachlorobutadiene  
 Concen: 36.96 ng  
 RT: 10.76 min Scan# 1373  
 Delta R.T. 0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49



Tgt Ion	Resp	Lower	Upper
225	100		
223	65.7	52.2	78.2
227	64.7	52.6	78.8



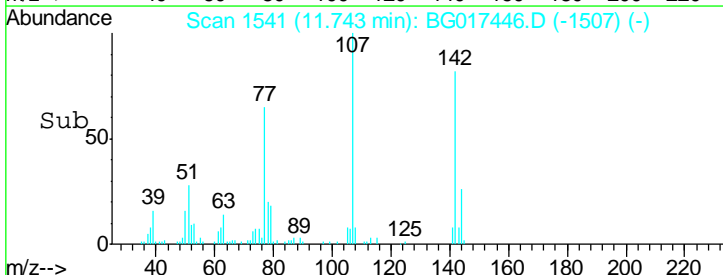
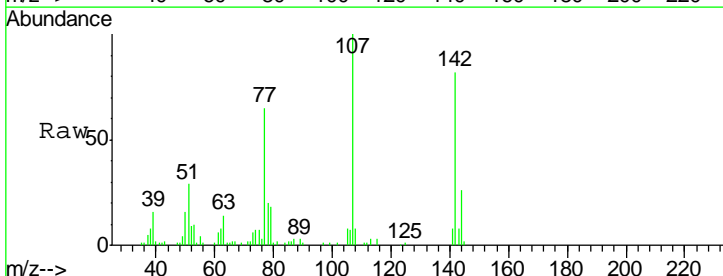
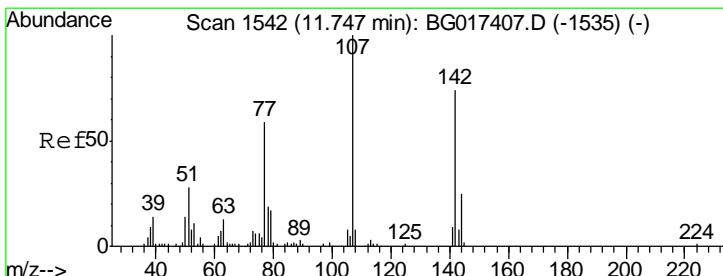
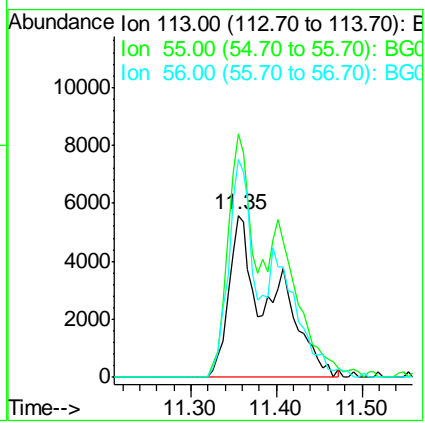


#35  
 Caprolactam  
 Concen: 36.14 ng m  
 RT: 11.35 min Scan# 1475  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
113	100		
55	150.0	121.6	161.6
56	134.5	89.8	129.8

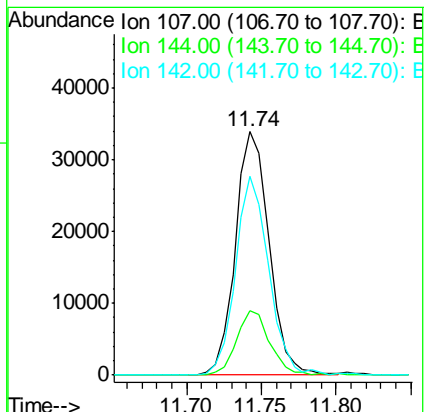
Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

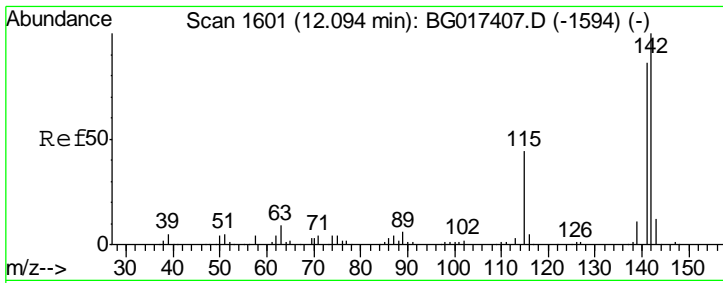
Manual Integrations  
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#36  
 4-Chloro-3-methylphenol  
 Concen: 41.70 ng  
 RT: 11.74 min Scan# 1541  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
107	100		
144	26.4	19.8	29.8
142	81.6	59.0	88.4



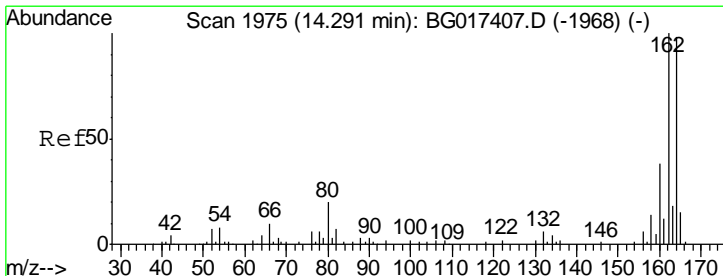
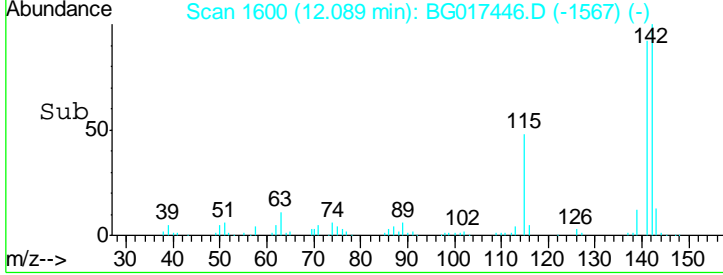
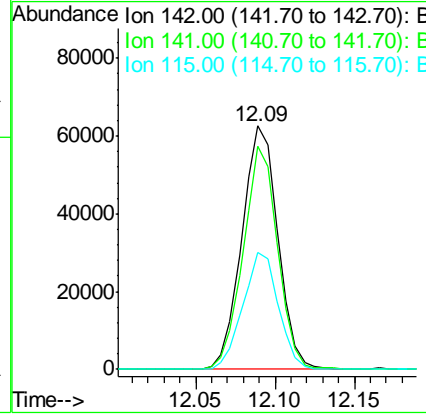
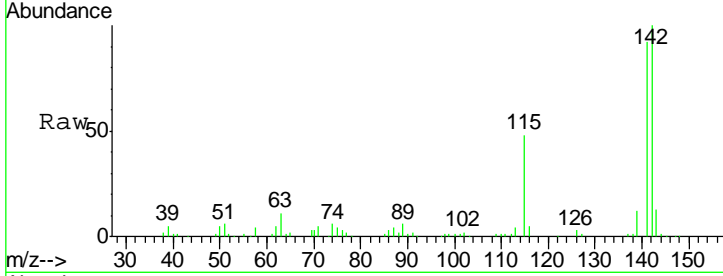


#37  
 2-Methylnaphthalene  
 Concen: 38.06 ng  
 RT: 12.09 min Scan# 1600  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

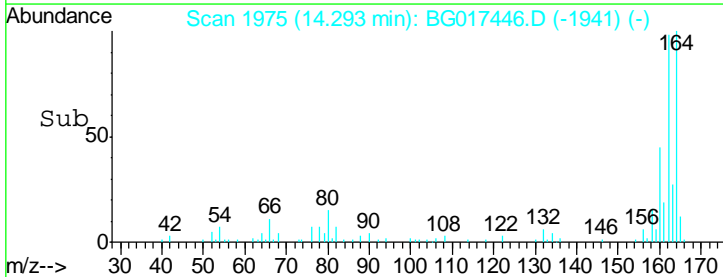
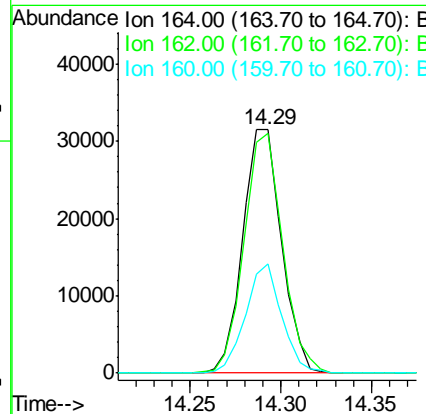
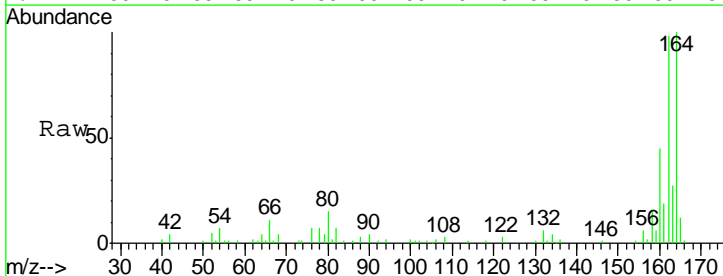
Tgt Ion	Resp	Lower	Upper
142	100		
141	91.8	68.6	102.8
115	47.9	35.3	52.9

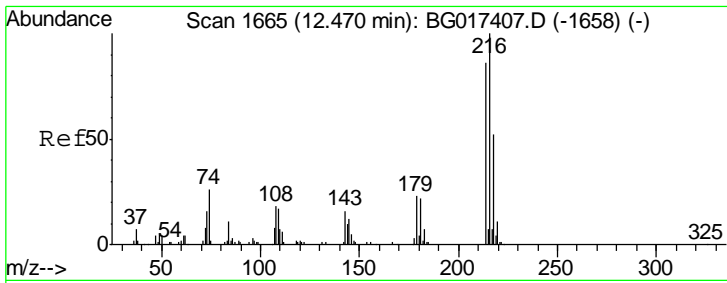
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.29 min Scan# 1975  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
164	100		
162	98.3	81.8	122.6
160	44.8	31.0	46.4



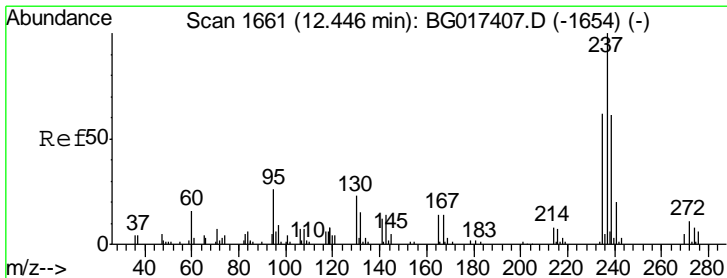
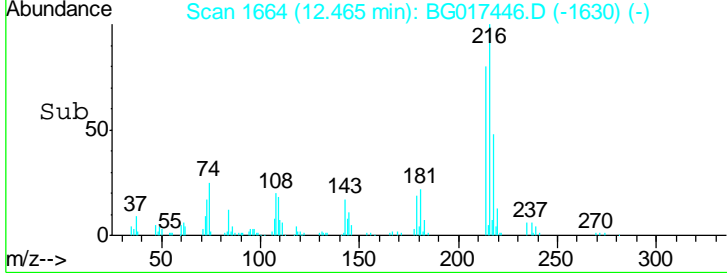
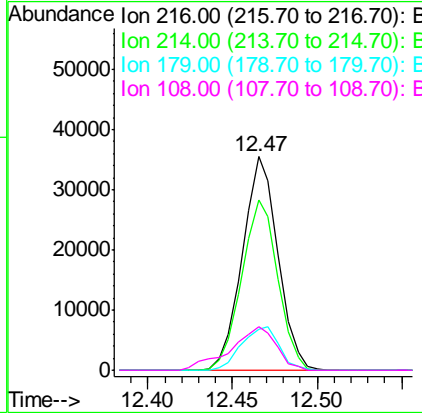
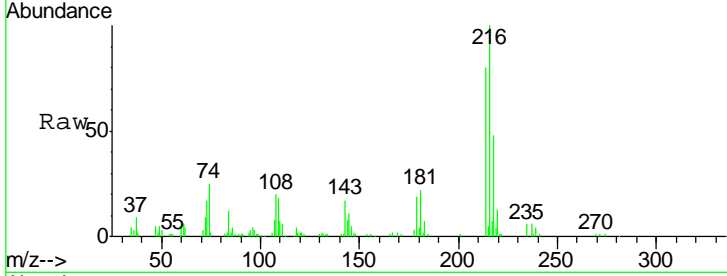


#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 36.49 ng  
 RT: 12.47 min Scan# 1664  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

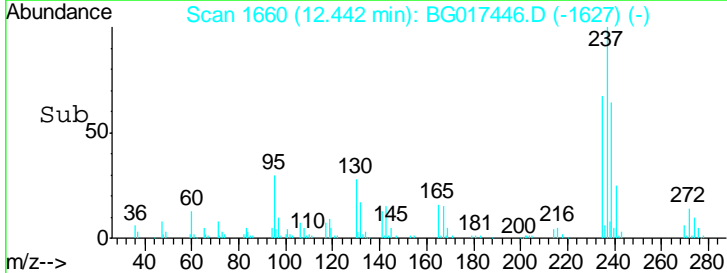
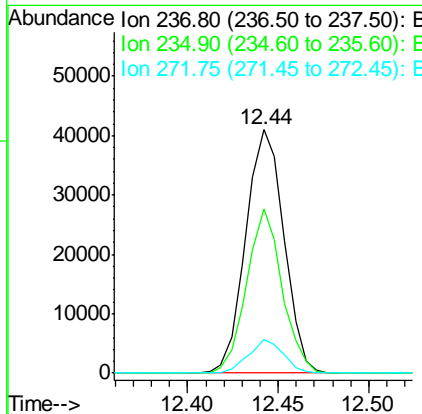
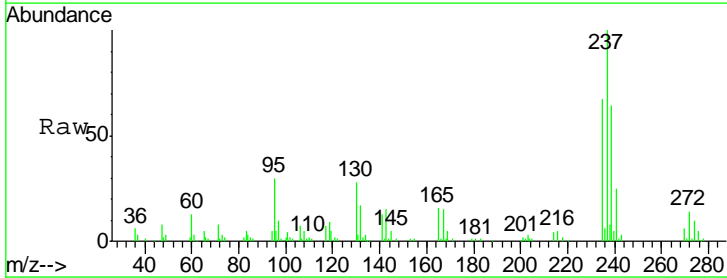
Tgt Ion	Resp	Lower	Upper
216	100		
214	81.1	66.5	99.7
179	21.6	17.3	25.9
108	26.0	18.5	27.7

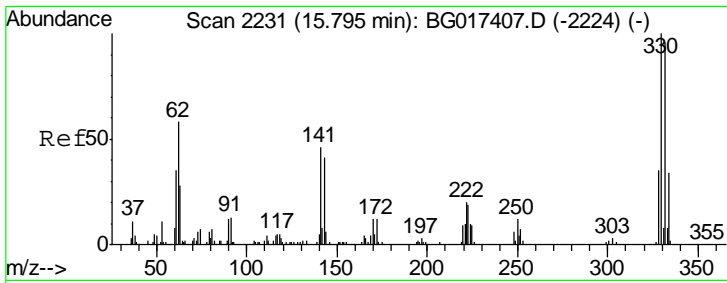
Manual Integrations  
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#40  
 Hexachlorocyclopentadiene  
 Concen: 72.10 ng  
 RT: 12.44 min Scan# 1660  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
237	100		
235	67.3	42.3	82.3
272	14.0	0.0	31.2



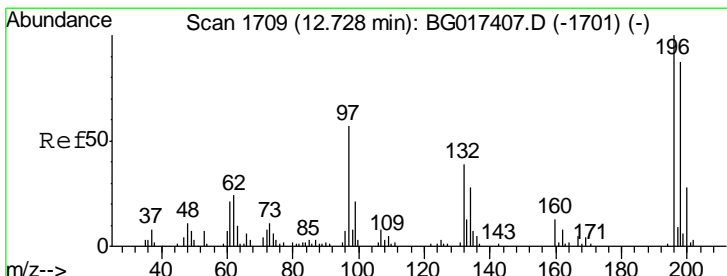
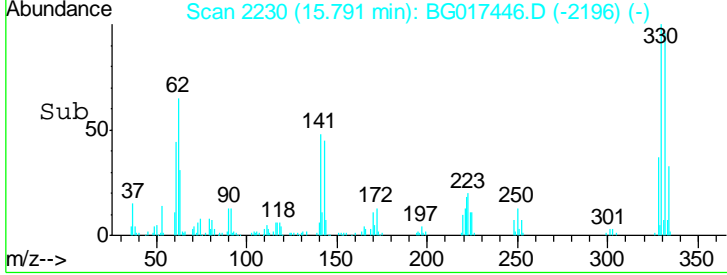
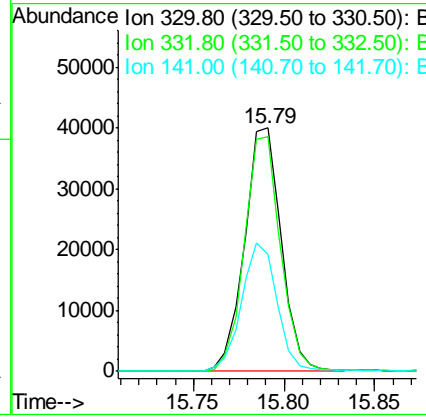
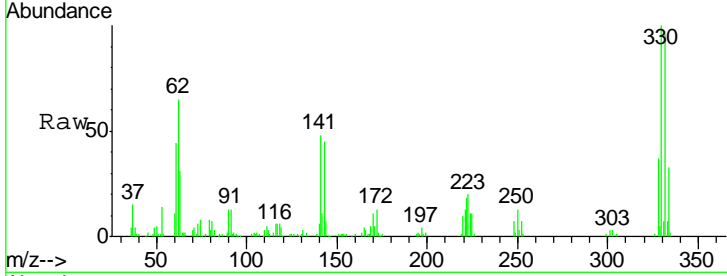


#41  
 2,4,6-Tribromophenol  
 Concen: 86.53 ng  
 RT: 15.79 min Scan# 2230  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

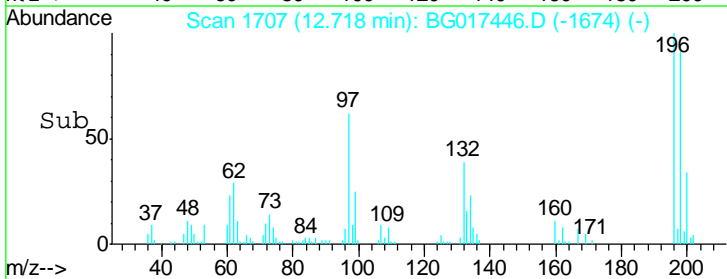
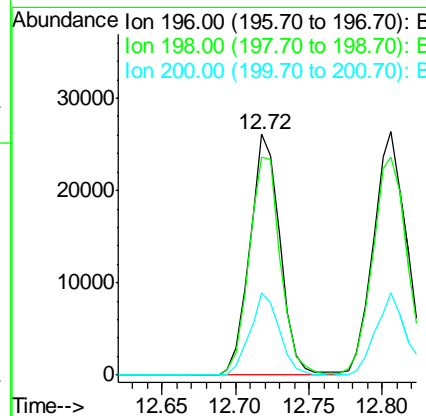
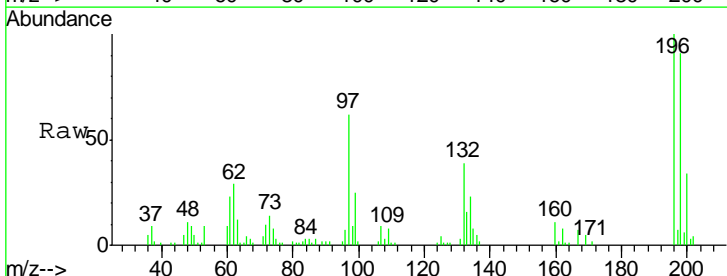
Tgt Ion	Resp	Lower	Upper
330	100		
332	94.8	75.9	113.9
141	51.2	40.2	60.4

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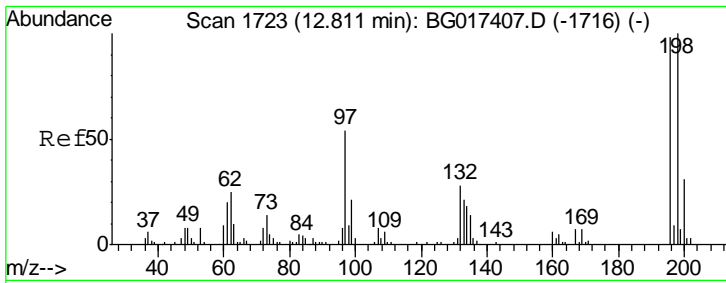


#42  
 2,4,6-Trichlorophenol  
 Concen: 37.00 ng m  
 RT: 12.72 min Scan# 1707  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
196	100		
198	90.5	69.9	104.9
200	34.4	22.7	34.1#

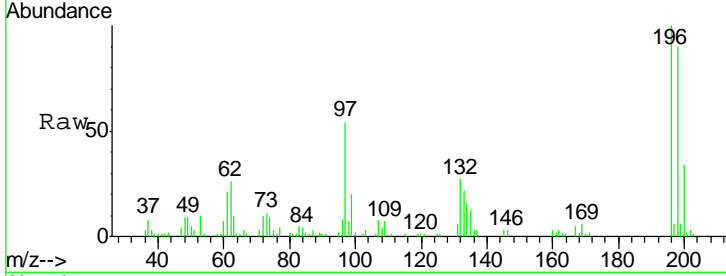






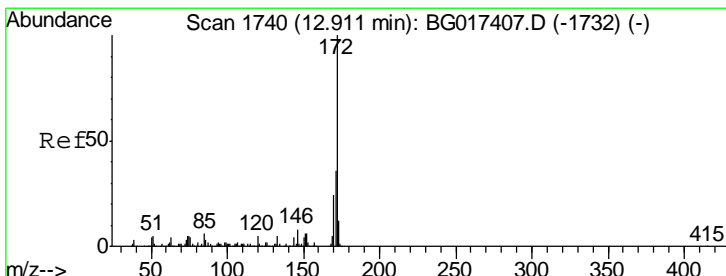
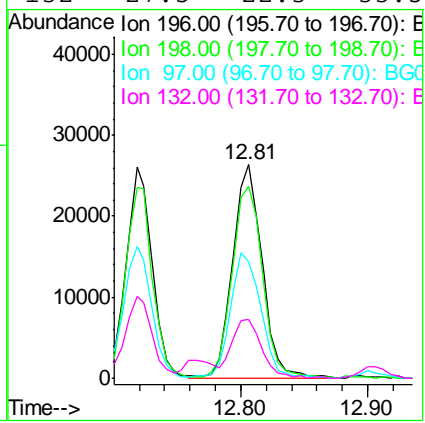
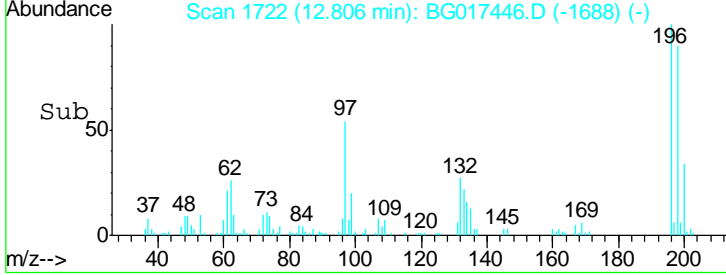
#43  
 2,4,5-Trichlorophenol  
 Concen: 37.99 ng  
 RT: 12.81 min Scan# 1722  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

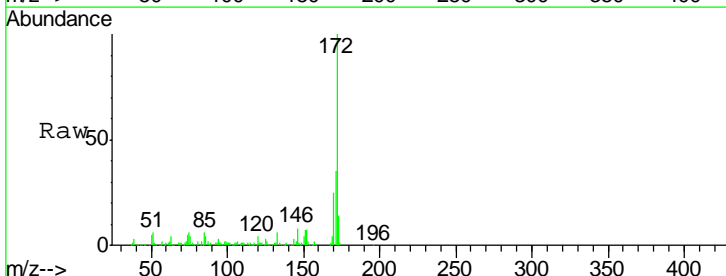


Tgt Ion	Resp	Lower	Upper
196	100		
198	89.7	80.6	121.0
97	54.5	43.2	64.8
132	27.5	22.3	33.5

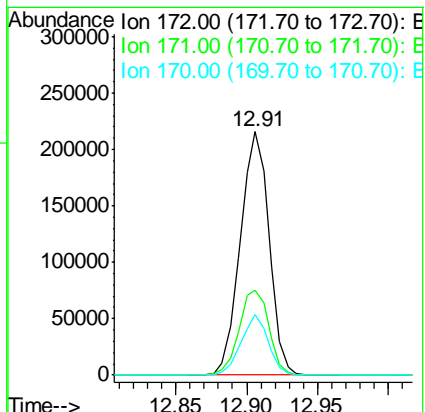
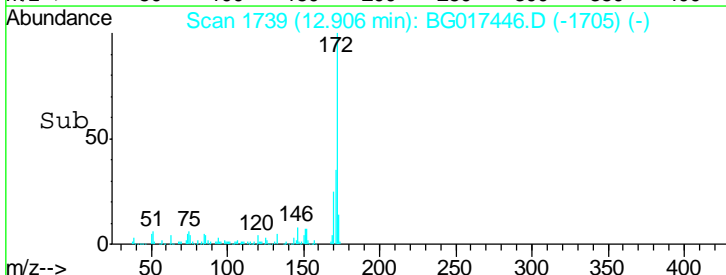
Manual Integrations  
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 apatel  
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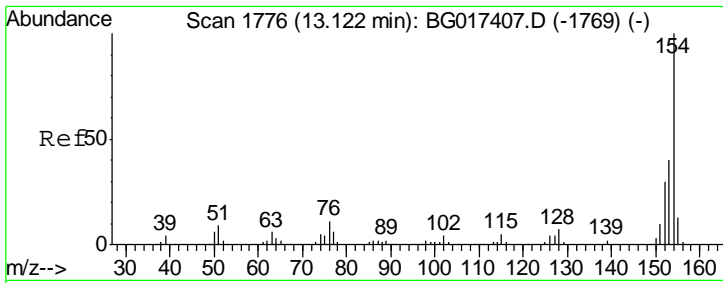


#44  
 2-Fluorobiphenyl  
 Concen: 99.06 ng  
 RT: 12.91 min Scan# 1739  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49



Tgt Ion	Resp	Lower	Upper
172	100		
171	35.0	29.0	43.6
170	24.7	18.9	28.3



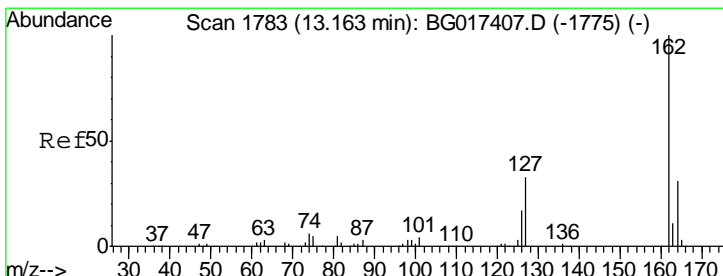
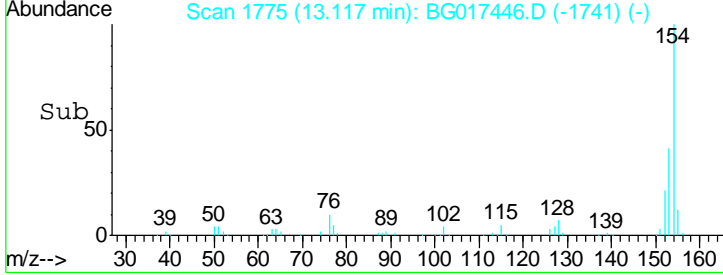
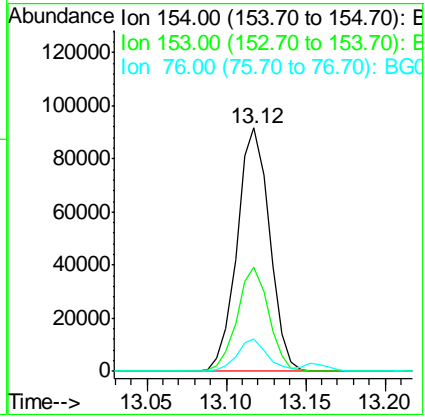
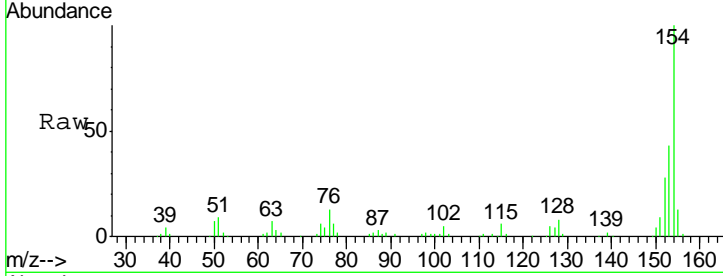


#45  
 1,1'-Biphenyl  
 Concen: 37.99 ng  
 RT: 13.12 min Scan# 1775  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument : BNA\_G  
 ClientSampled : PB83815BS

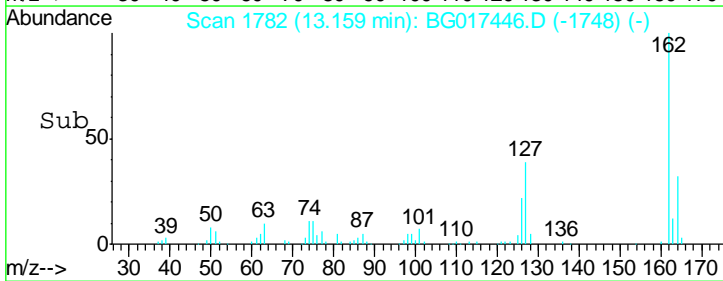
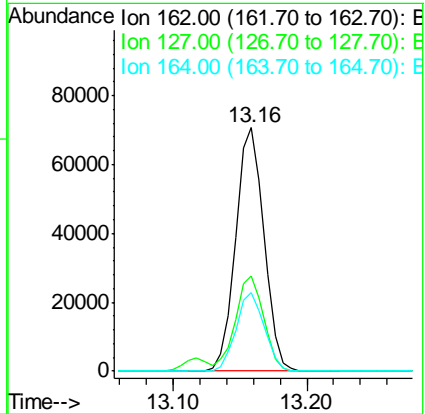
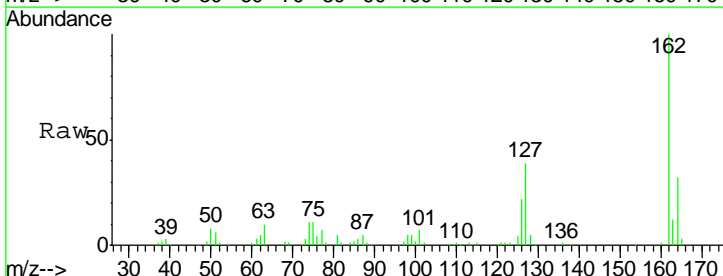
Tgt Ion	Resp	Lower	Upper
154	129873		
153	42.9	20.1	60.1
76	13.1	0.0	31.5

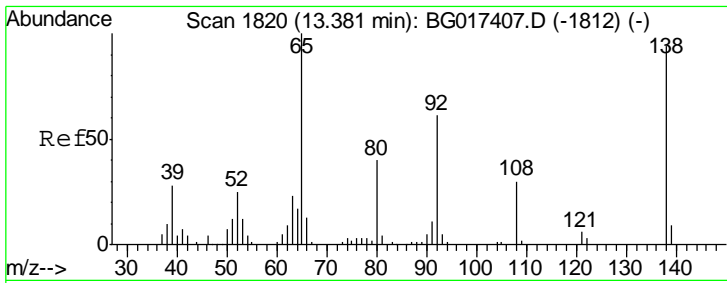
Manual Integrations  
**APPROVED**  
 apatel  
 6/5/2015 5:14:41 PM



#46  
 2-Chloronaphthalene  
 Concen: 36.24 ng  
 RT: 13.16 min Scan# 1782  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
162	103610		
127	39.0	29.4	44.2
164	32.4	24.9	37.3





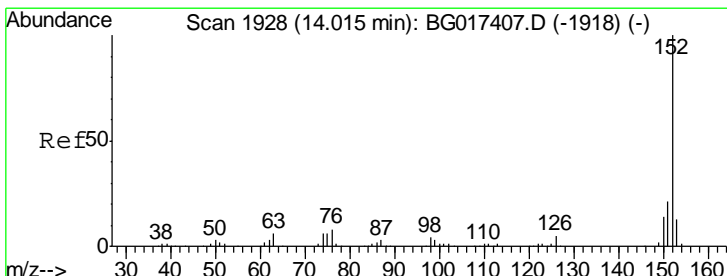
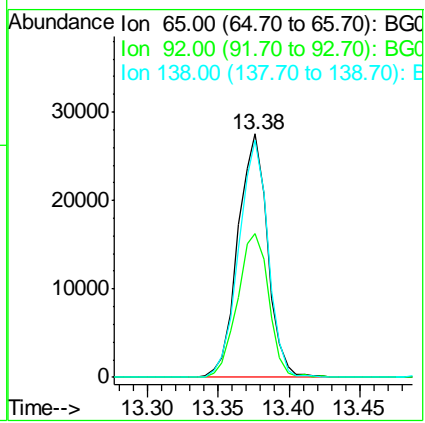
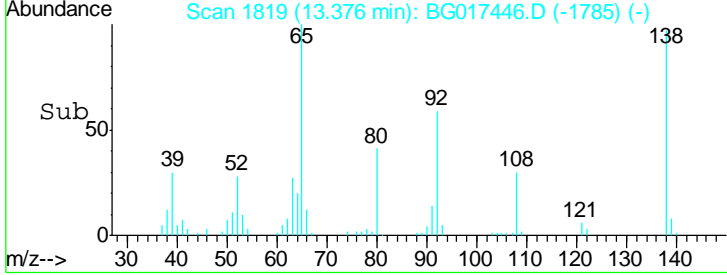
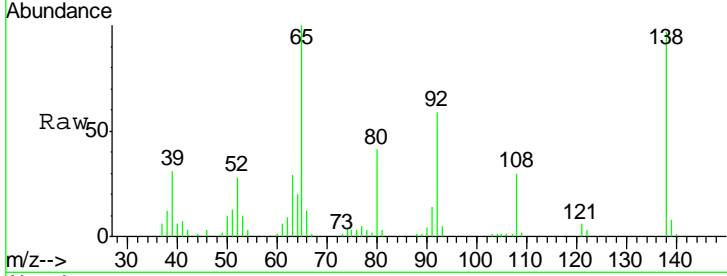
#47  
 2-Nitroaniline  
 Concen: 38.27 ng  
 RT: 13.38 min Scan# 1819  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

Tgt Ion: 65 Resp: 40398

Ion	Ratio	Lower	Upper
65	100		
92	59.2	49.1	73.7
138	97.3	75.4	113.0

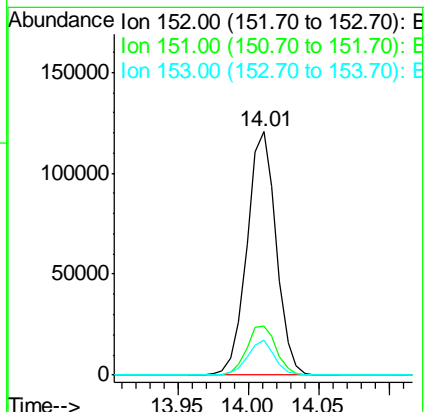
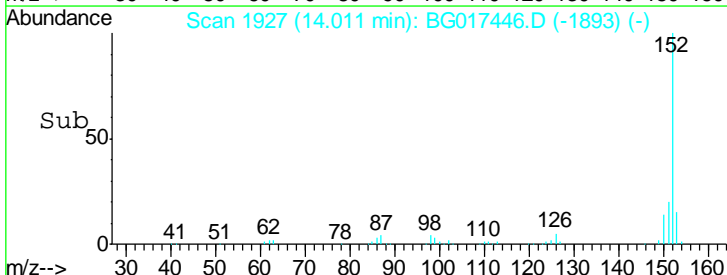
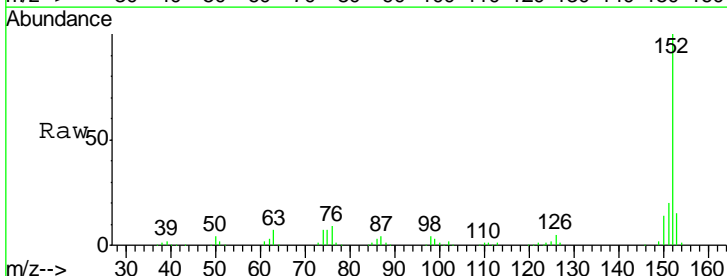
Manual Integrations  
 APPROVED  
 apatel  
 6/5/2015 5:14:41 PM

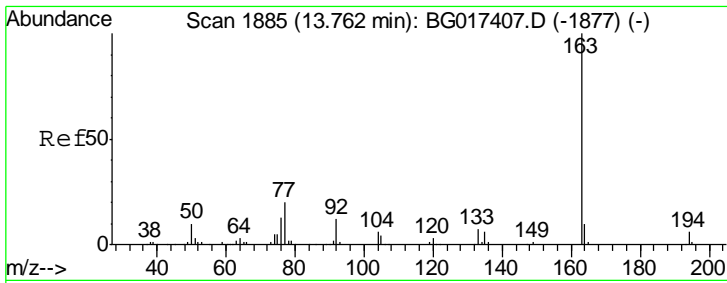


#48  
 Acenaphthylene  
 Concen: 34.69 ng  
 RT: 14.01 min Scan# 1927  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion: 152 Resp: 174693

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7
153	14.6	10.7	16.1



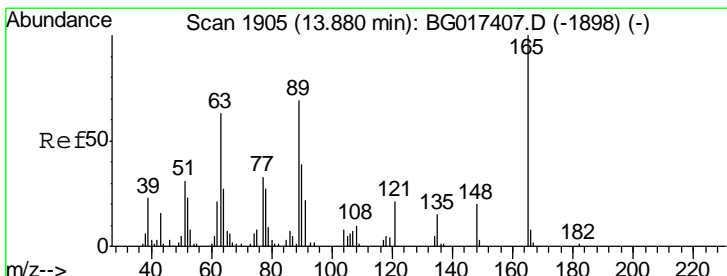
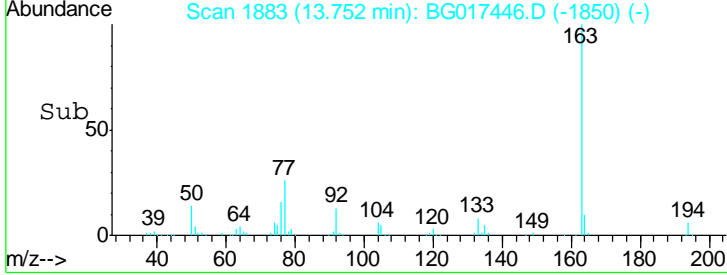
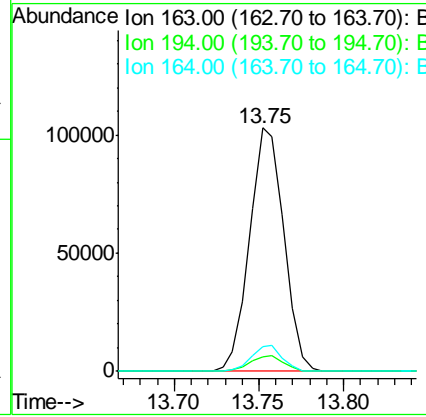
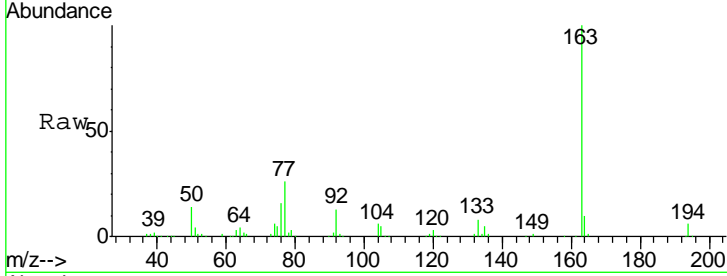


#49  
 Dimethylphthalate  
 Concen: 35.72 ng  
 RT: 13.75 min Scan# 1883  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

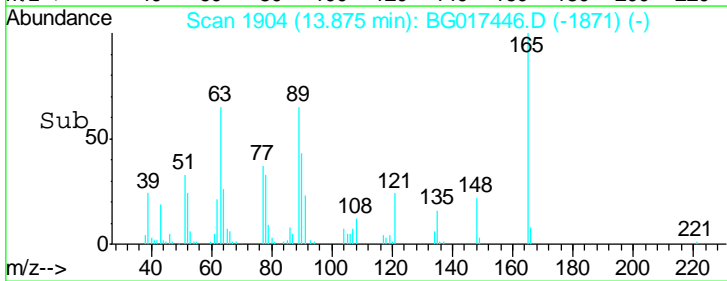
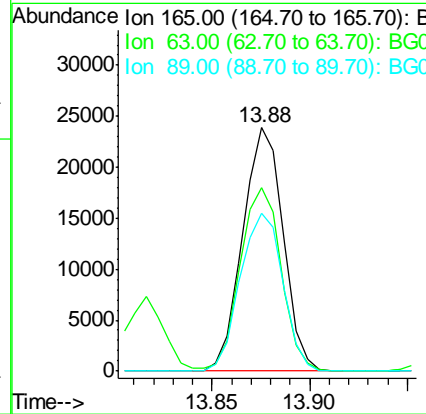
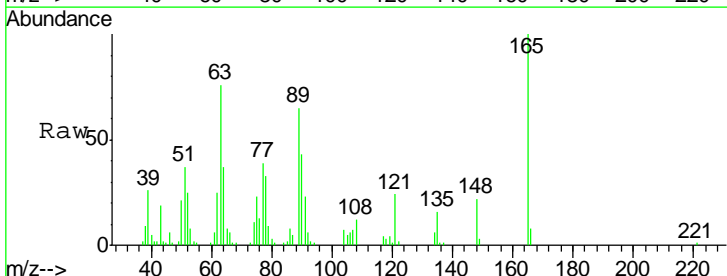
Tgt Ion	Resp	Lower	Upper
163	100		
194	6.1	4.9	7.3
164	10.3	8.2	12.2

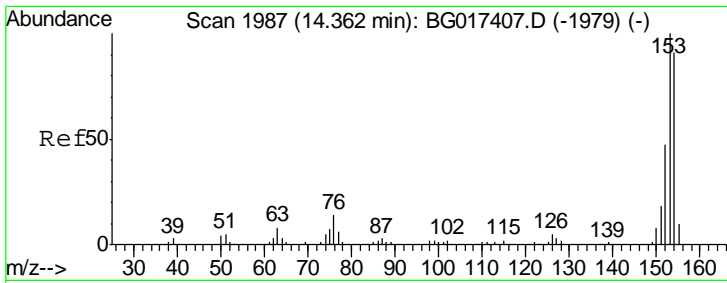
Manual Integrations  
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 apatel  
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#50  
 2,6-Dinitrotoluene  
 Concen: 37.34 ng  
 RT: 13.88 min Scan# 1904  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
165	100		
63	75.5	53.7	80.5
89	64.7	55.4	83.2



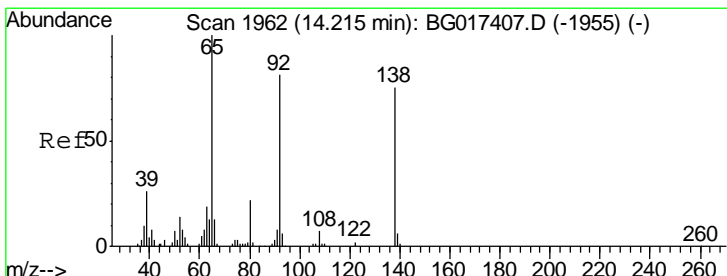
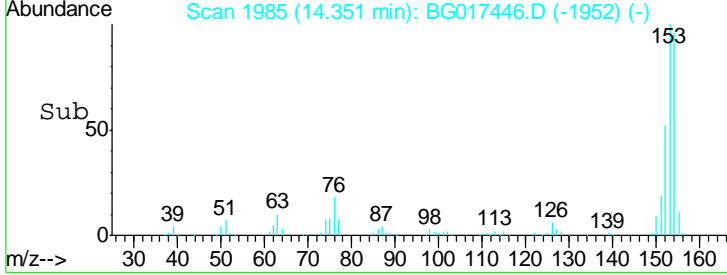
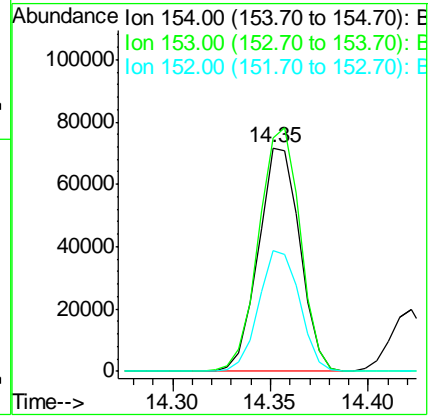
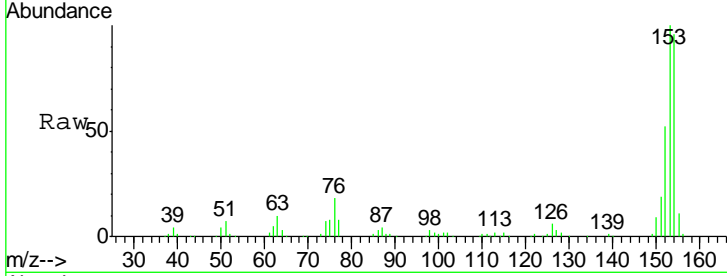


#51  
 Acenaphthene  
 Concen: 35.45 ng  
 RT: 14.35 min Scan# 1985  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

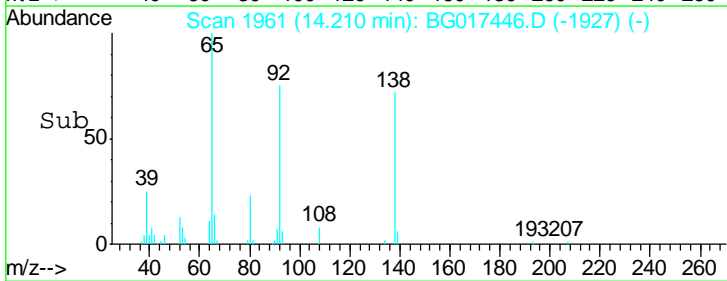
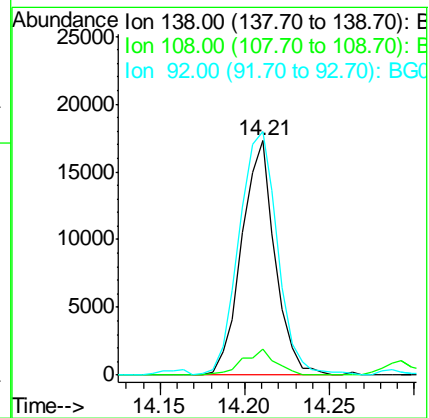
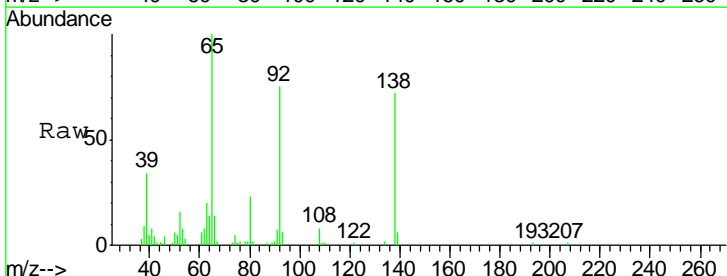
Tgt Ion	Resp	Lower	Upper
154	100		
153	104.6	87.7	131.5
152	54.2	40.8	61.2

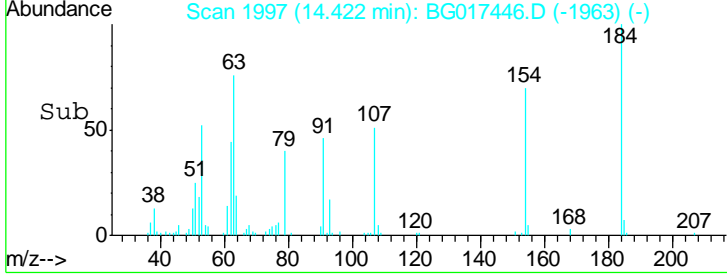
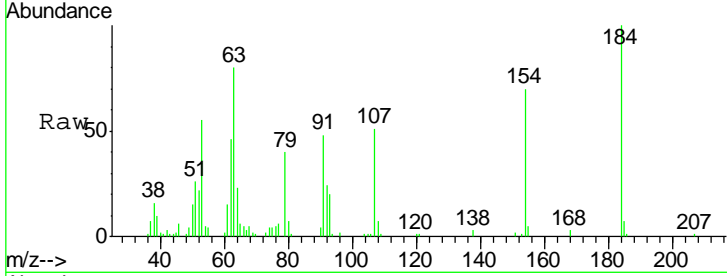
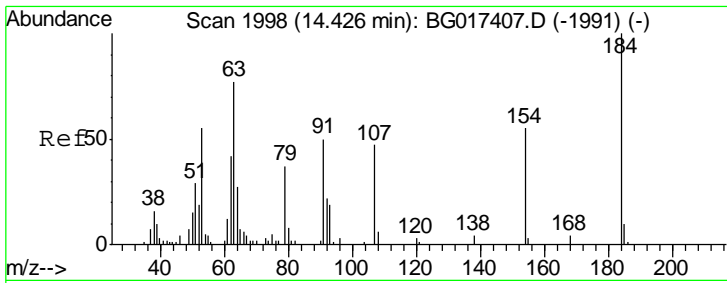
Manual Integrations  
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 apatel  
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#52  
 3-Nitroaniline  
 Concen: 23.98 ng  
 RT: 14.21 min Scan# 1961  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
138	100		
108	11.1	7.5	11.3
92	104.0	87.0	130.4



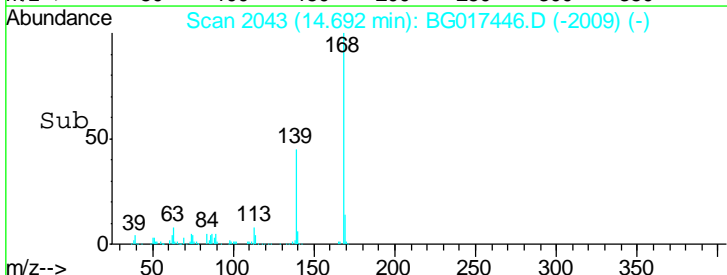
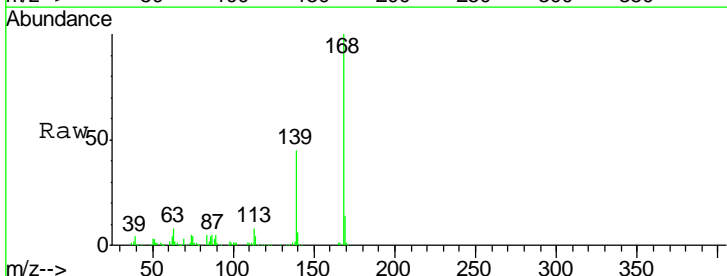
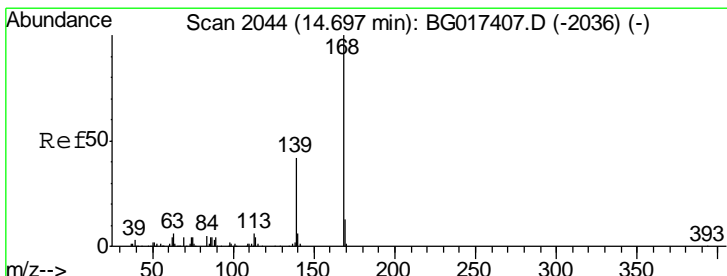
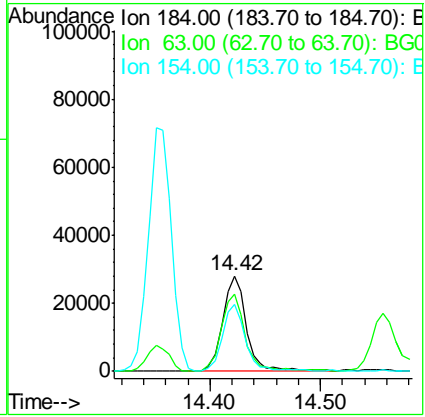


#53  
 2,4-Dinitrophenol  
 Concen: 74.29 ng  
 RT: 14.42 min Scan# 1997  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
184	42338		
63	80.3	61.5	92.3
154	70.0	53.8	80.8

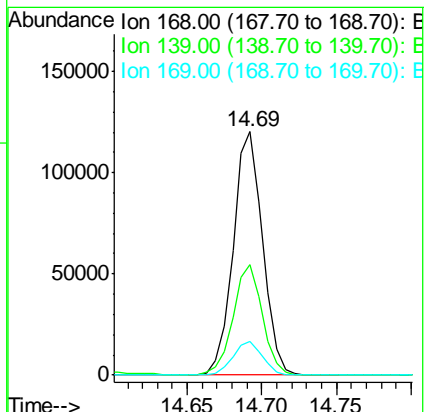
Instrument : BNA\_G  
 ClientSampled : PB83815BS

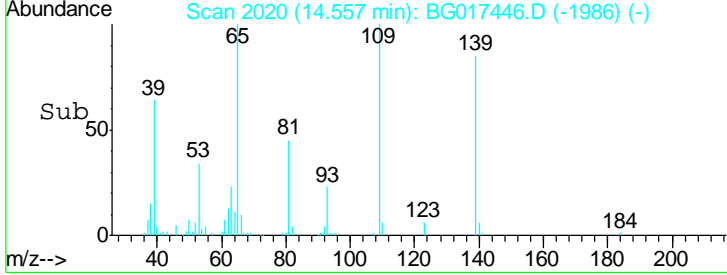
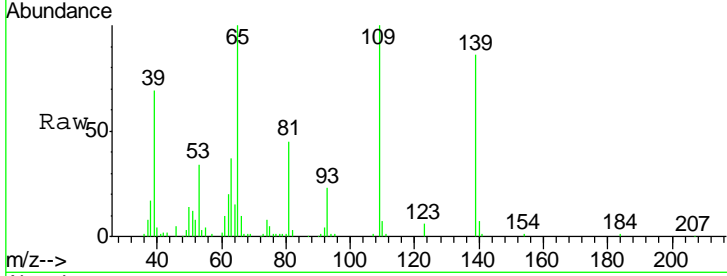
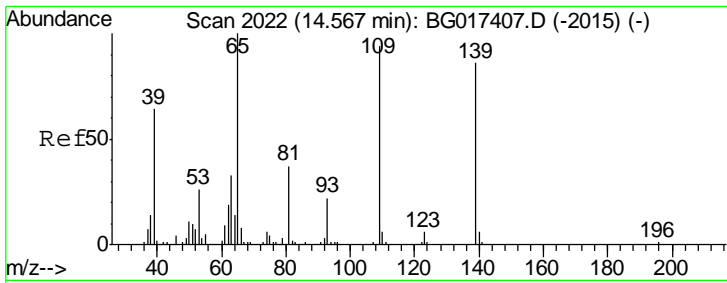
Manual Integrations  
**APPROVED**  
 apatel  
 6/5/2015 5:14:41 PM



#54  
 Dibenzofuran  
 Concen: 37.63 ng  
 RT: 14.69 min Scan# 2043  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
168	164780		
139	45.3	33.2	49.8
169	13.7	10.6	16.0



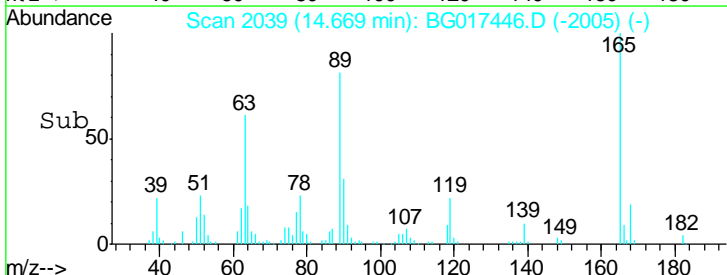
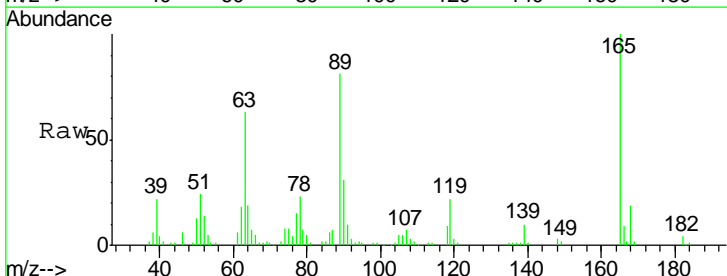
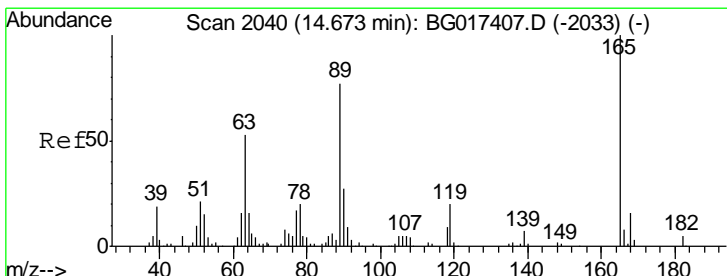
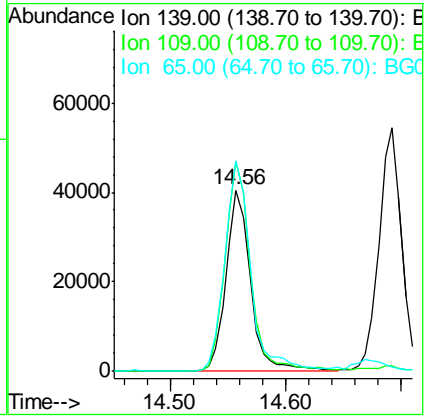


#55  
 4-Nitrophenol  
 Concen: 76.10 ng  
 RT: 14.56 min Scan# 2020  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
139	100		
109	115.6	89.5	129.5
65	116.2	95.9	135.9

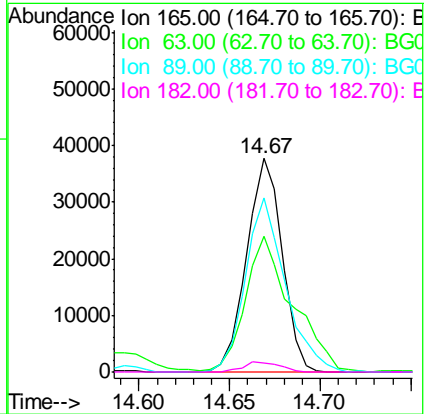
Instrument : BNA\_G  
 ClientSampled : PB83815BS

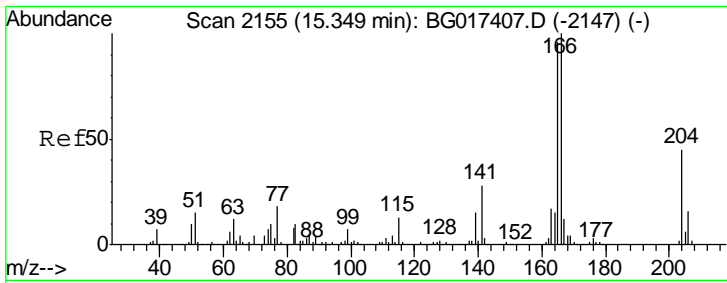
Manual Integrations  
**APPROVED**  
 apatel  
 6/5/2015 5:14:41 PM



#56  
 2,4-Dinitrotoluene  
 Concen: 39.39 ng  
 RT: 14.67 min Scan# 2039  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

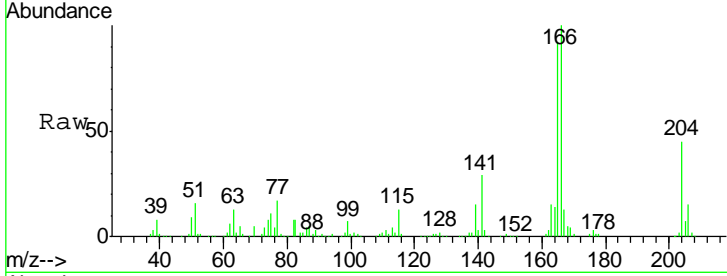
Tgt Ion	Resp	Lower	Upper
165	100		
63	63.3	42.9	64.3
89	81.5	61.5	92.3
182	4.3	4.3	6.5





#57  
 Fluorene  
 Concen: 36.99 ng  
 RT: 15.34 min Scan# 2154  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

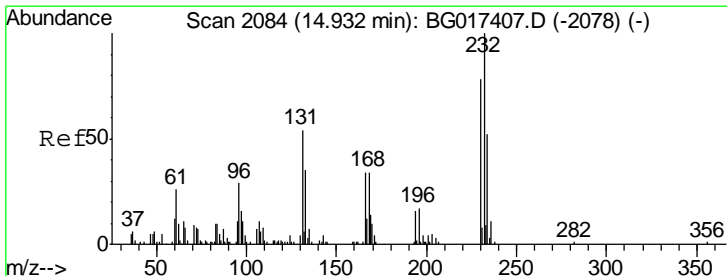
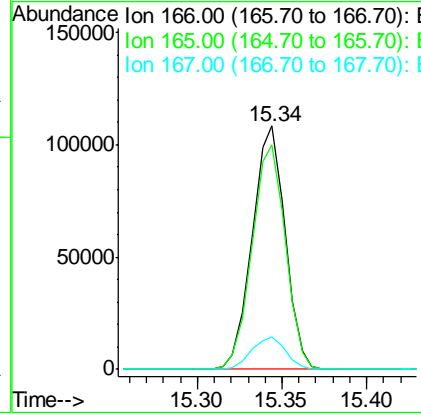
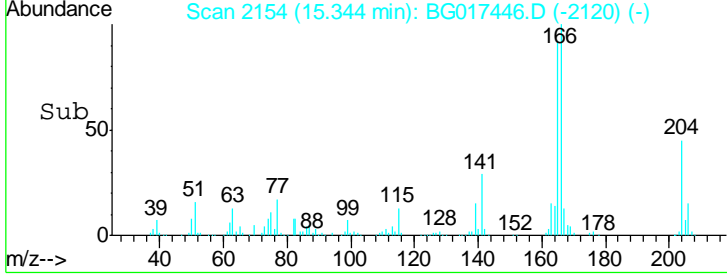
Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS



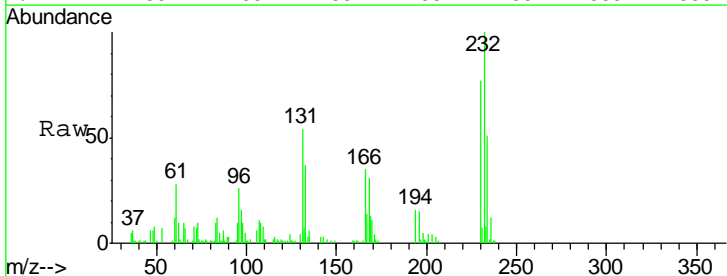
Tgt Ion: 166 Resp: 146905

Ion	Ratio	Lower	Upper
166	100		
165	92.3	76.8	115.2
167	13.1	9.9	14.9

Manual Integrations  
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 apatel  
 6/5/2015 5:14:41 PM

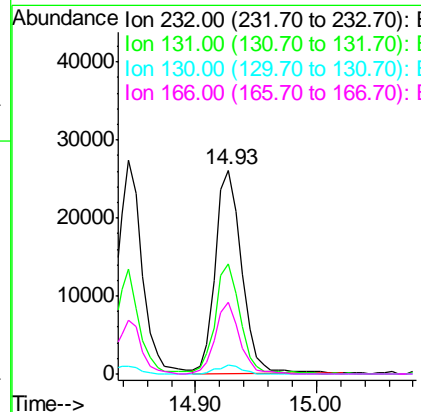
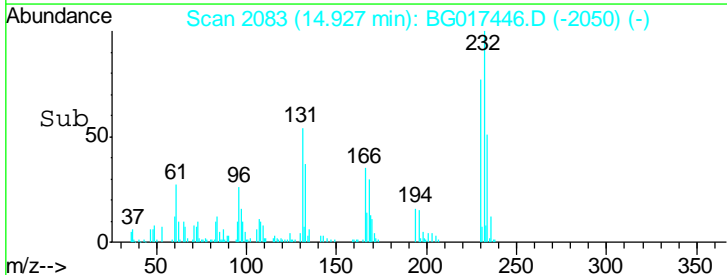


#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.13 ng  
 RT: 14.93 min Scan# 2083  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

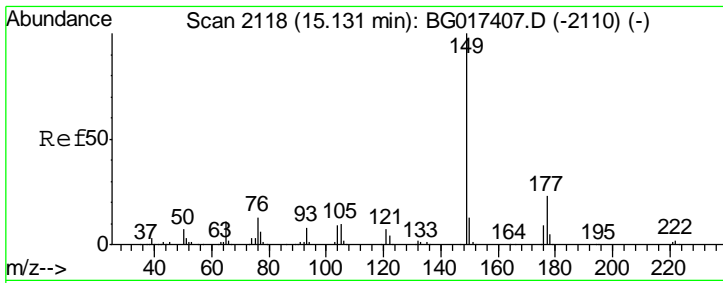


Tgt Ion: 232 Resp: 38828

Ion	Ratio	Lower	Upper
232	100		
131	53.0	40.1	60.1
130	3.9	2.6	4.0
166	33.0	24.4	36.6





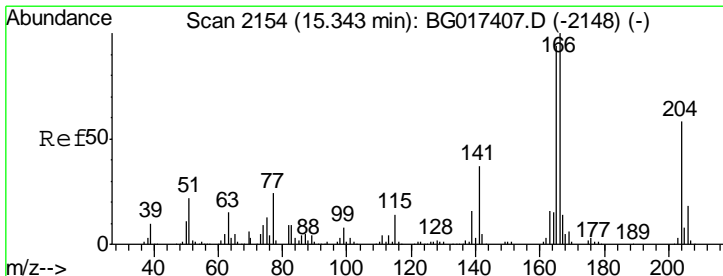
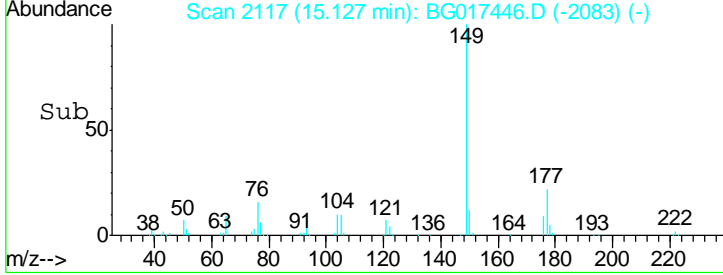
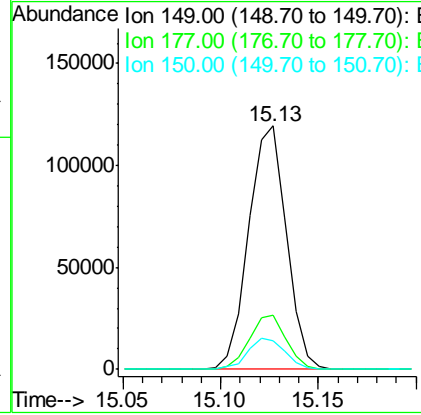
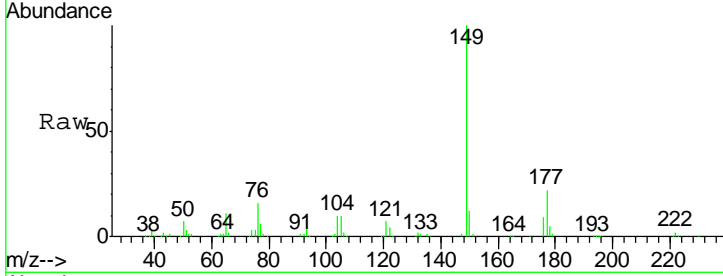


#59  
 Diethylphthalate  
 Concen: 36.08 ng  
 RT: 15.13 min Scan# 2117  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

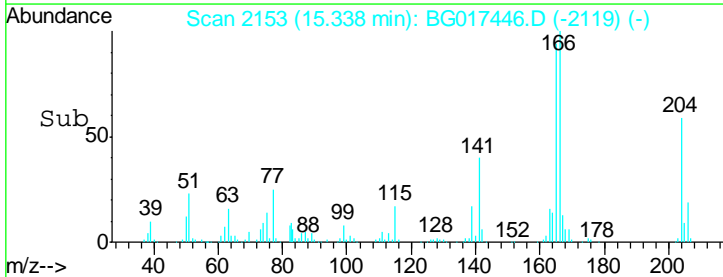
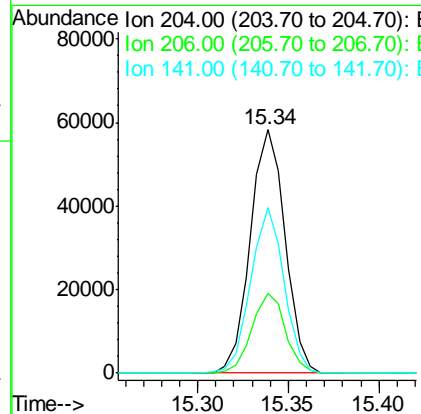
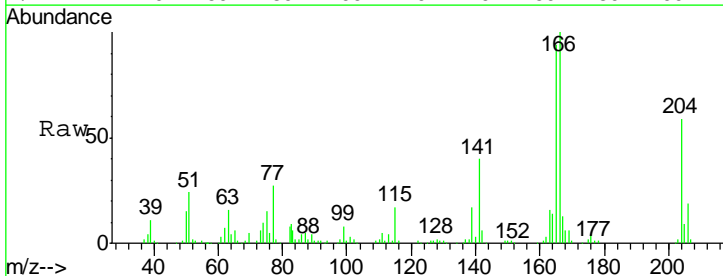
Tgt Ion	Resp	Lower	Upper
149	159438		
177	22.3	18.3	27.5
150	11.8	10.6	16.0

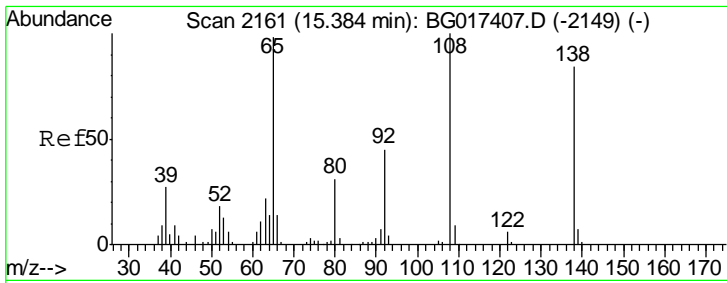
Manual Integrations  
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 apatel  
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#60  
 4-Chlorophenyl-phenylether  
 Concen: 38.60 ng  
 RT: 15.34 min Scan# 2153  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
204	77681		
206	32.7	25.0	37.4
141	67.9	50.9	76.3



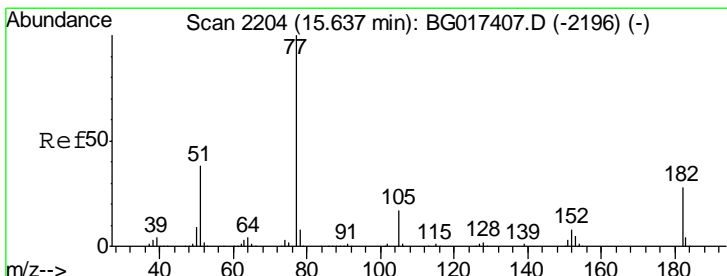
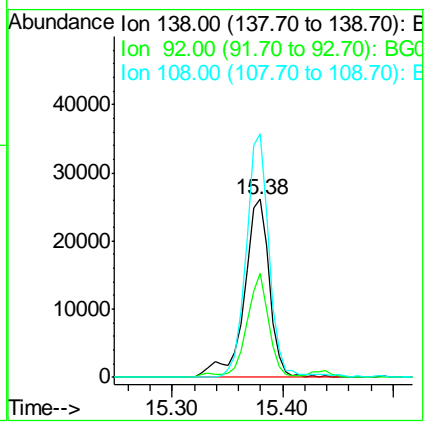
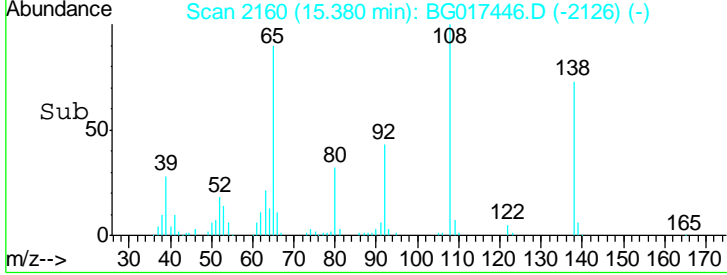
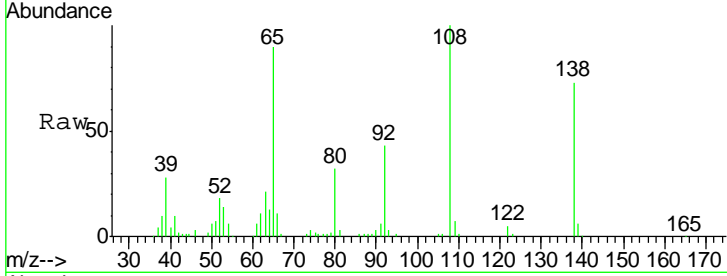


#61  
 4-Nitroaniline  
 Concen: 38.30 ng  
 RT: 15.38 min Scan# 2160  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

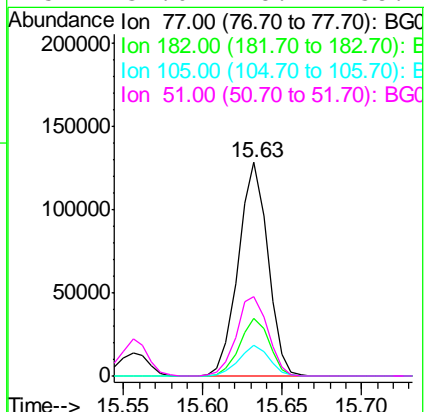
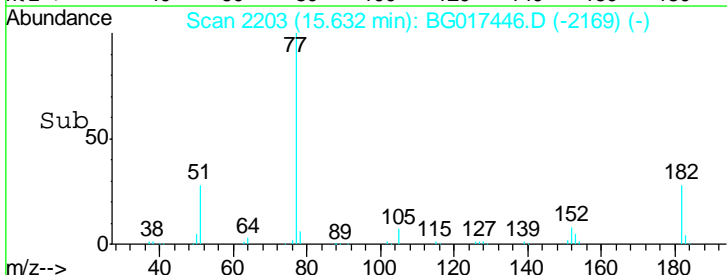
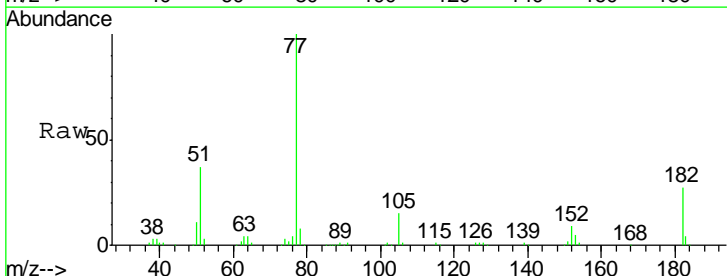
Tgt Ion	Resp	Lower	Upper
138	41788		
92	58.6	33.7	73.7
108	136.9	98.7	138.7

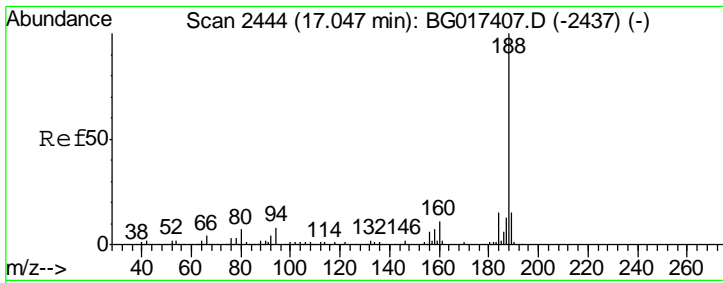
Manual Integrations  
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 apatel  
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#62  
 Azobenzene  
 Concen: 39.47 ng  
 RT: 15.63 min Scan# 2203  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
77	165787		
182	27.1	8.0	48.0
105	14.6	0.0	36.9
51	37.0	18.1	58.1



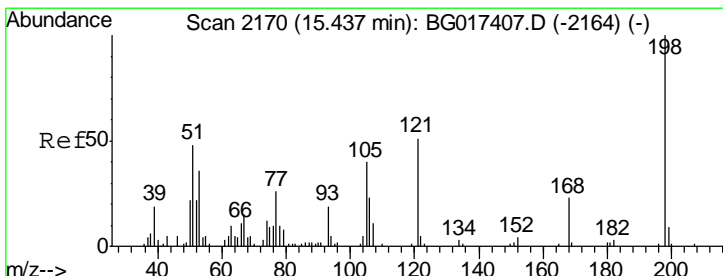
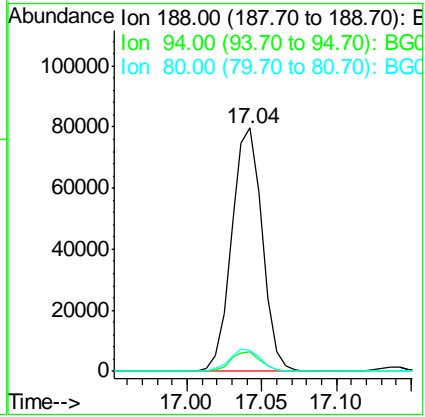
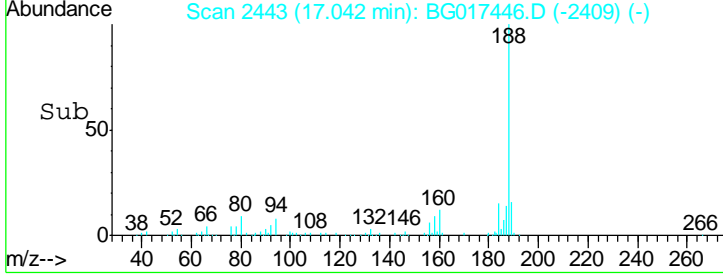
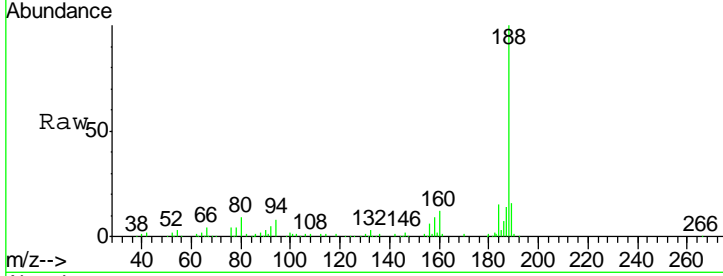


#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 17.04 min Scan# 2443  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

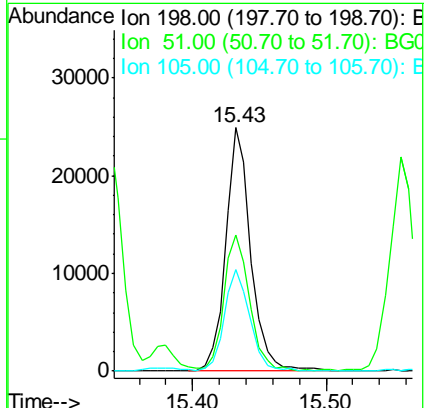
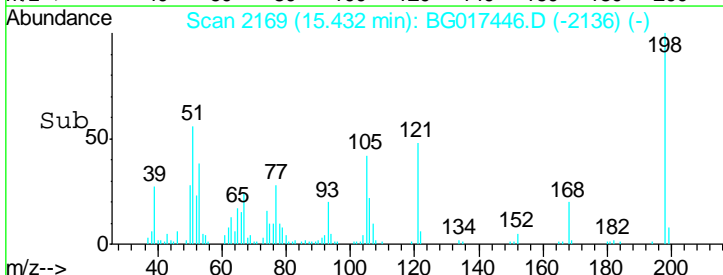
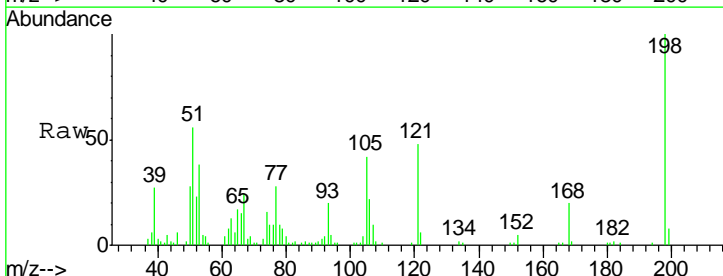
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.3	9.5
80	8.7	5.2	7.8

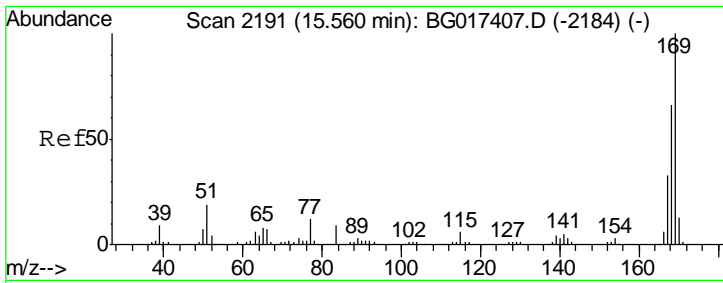
Manual Integrations  
**APPROVED**  
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#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 38.93 ng  
 RT: 15.43 min Scan# 2169  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

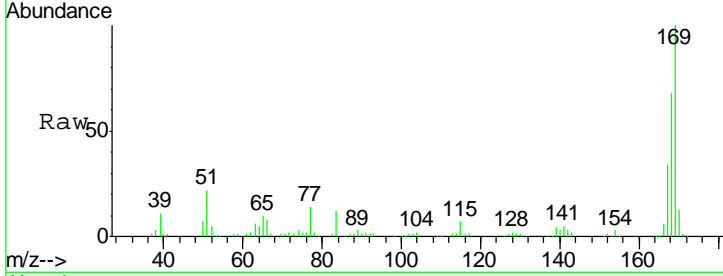
Tgt Ion	Ratio	Lower	Upper
198	100		
51	56.0	30.3	70.3
105	41.5	20.8	60.8





#65  
 n-Nitrosodiphenylamine  
 Concen: 39.54 ng  
 RT: 15.56 min Scan# 2190  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

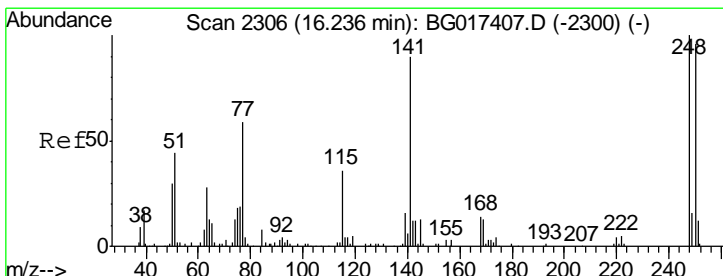
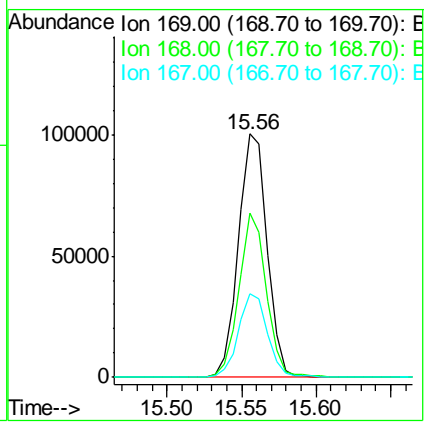
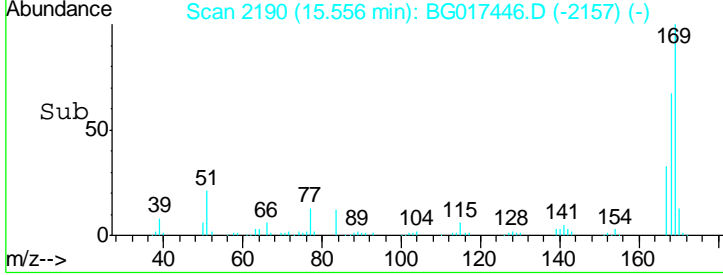
Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS



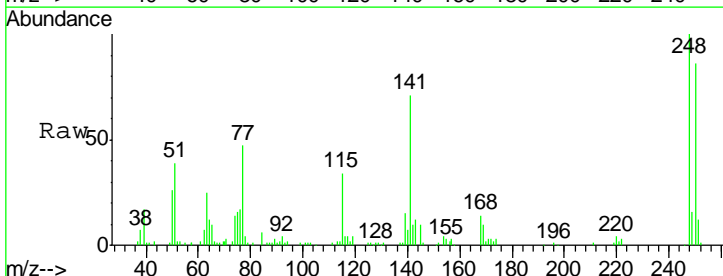
Tgt Ion:169 Resp: 133627

Ion	Ratio	Lower	Upper
169	100		
168	67.5	52.4	78.6
167	34.3	26.3	39.5

Manual Integrations  
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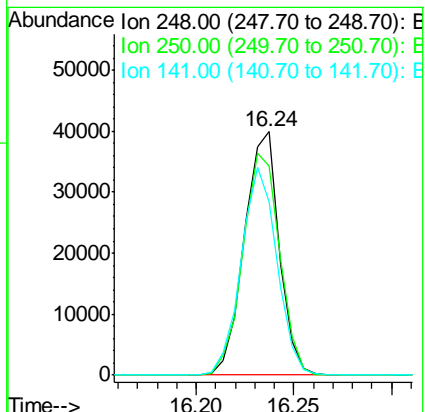
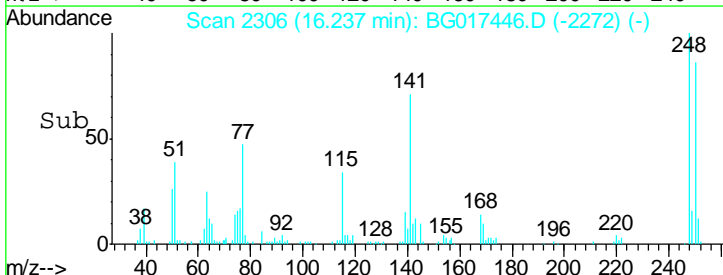


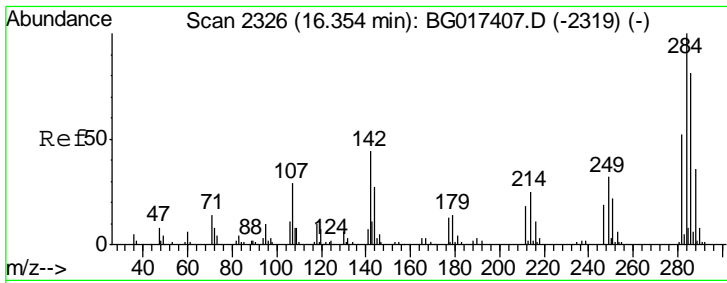
#66  
 4-Bromophenyl-phenylether  
 Concen: 39.34 ng  
 RT: 16.24 min Scan# 2306  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49



Tgt Ion:248 Resp: 49341

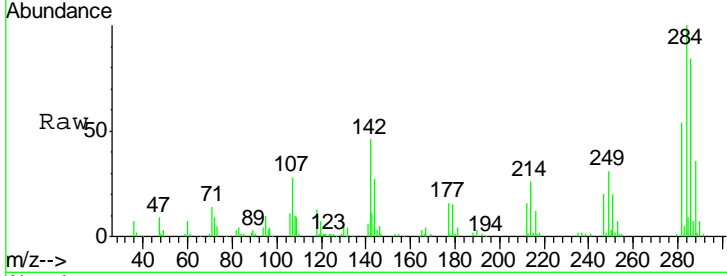
Ion	Ratio	Lower	Upper
248	100		
250	86.0	76.9	115.3
141	71.4	71.8	107.6#





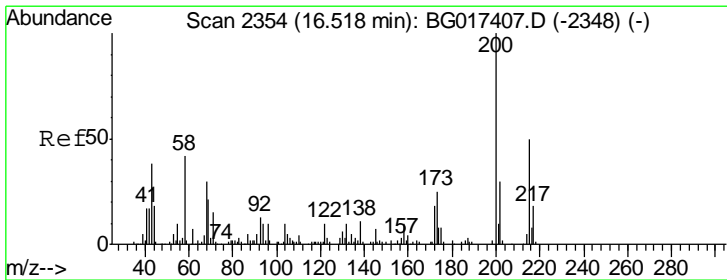
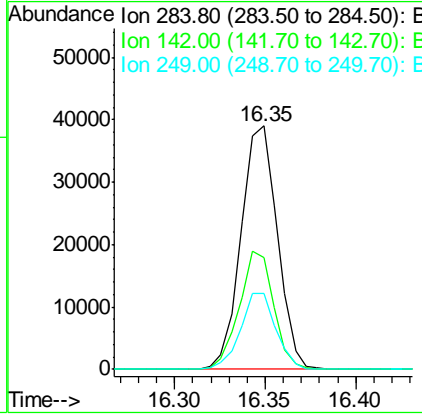
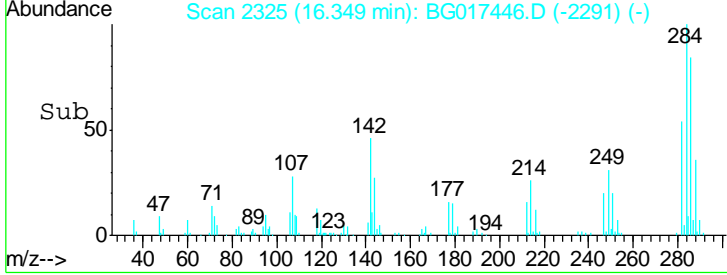
#67  
 Hexachlorobenzene  
 Concen: 40.25 ng  
 RT: 16.35 min Scan# 2325  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

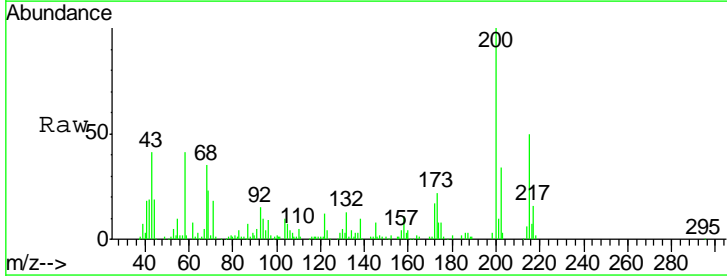


Tgt Ion	Resp	Lower	Upper
284	100		
142	45.8	35.2	52.8
249	31.1	25.9	38.9

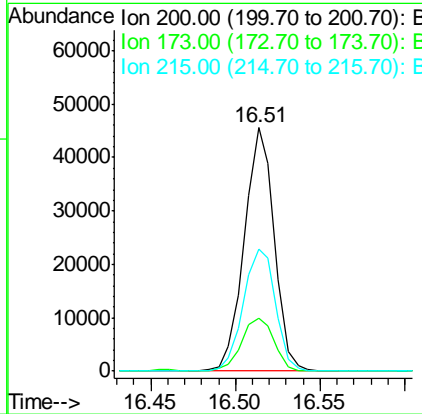
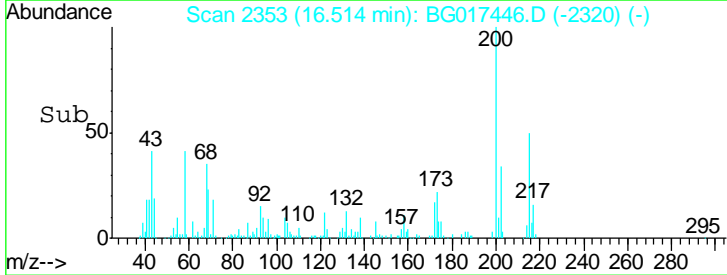
Manual Integrations  
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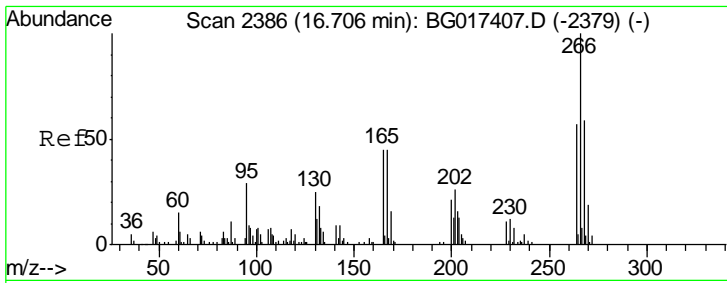


#68  
 Atrazine  
 Concen: 37.79 ng  
 RT: 16.51 min Scan# 2353  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49



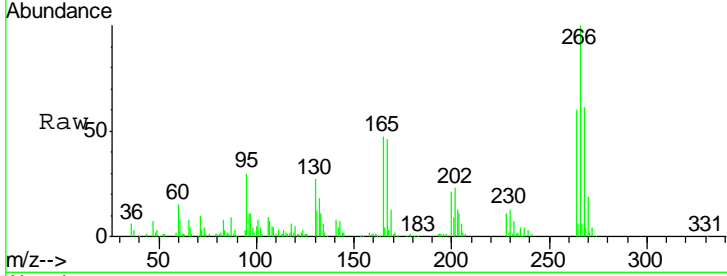
Tgt Ion	Resp	Lower	Upper
200	100		
173	21.9	4.9	44.9
215	50.2	30.1	70.1





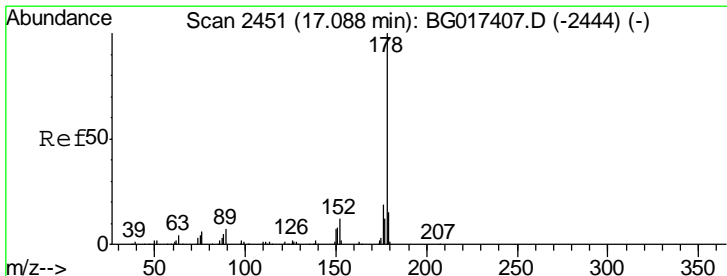
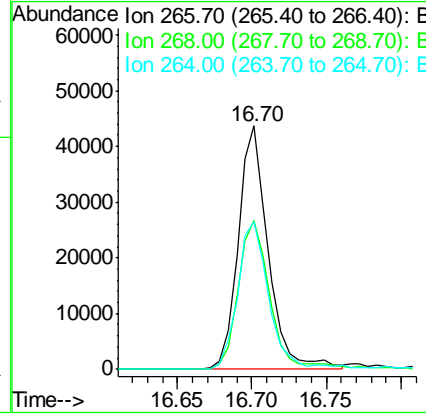
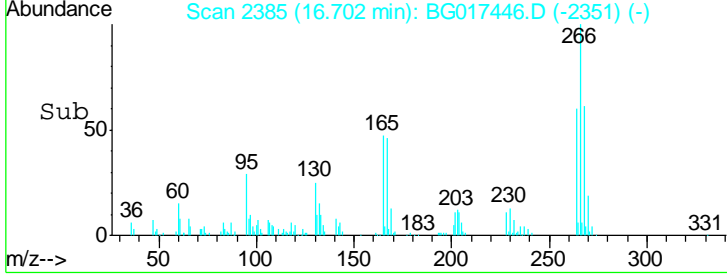
#69  
 Pentachlorophenol  
 Concen: 74.40 ng  
 RT: 16.70 min Scan# 2385  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB83815BS

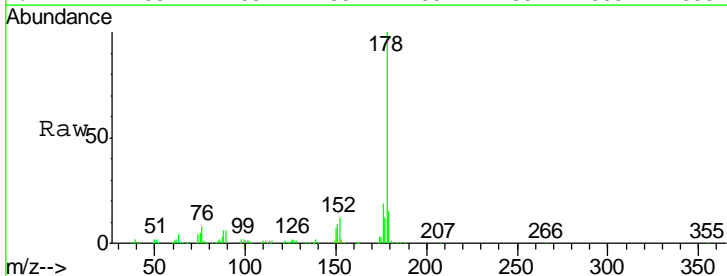


Tgt Ion	Resp	Lower	Upper
266	100		
268	61.1	47.0	70.6
264	60.5	45.7	68.5

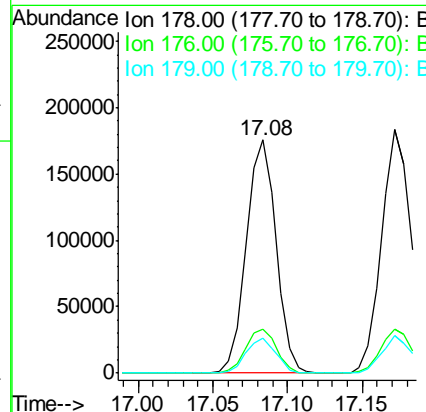
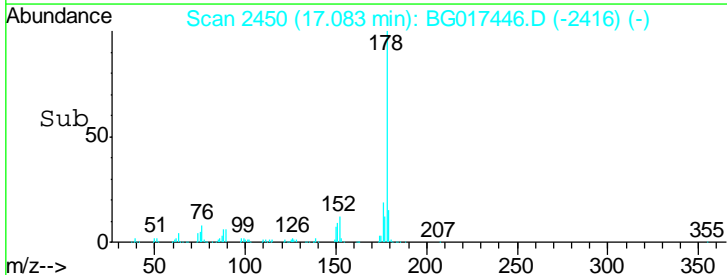
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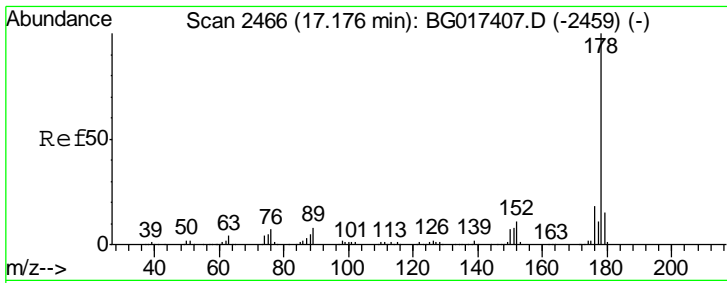


#70  
 Phenanthrene  
 Concen: 38.19 ng  
 RT: 17.08 min Scan# 2450  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49



Tgt Ion	Resp	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.2	12.2	18.2



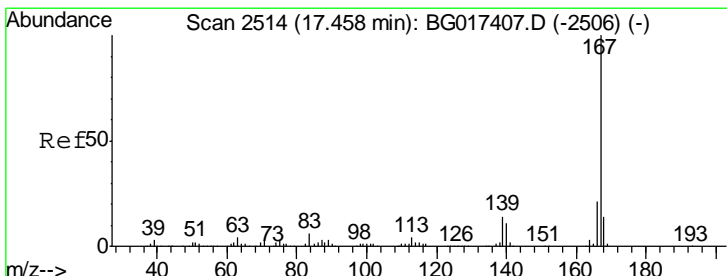
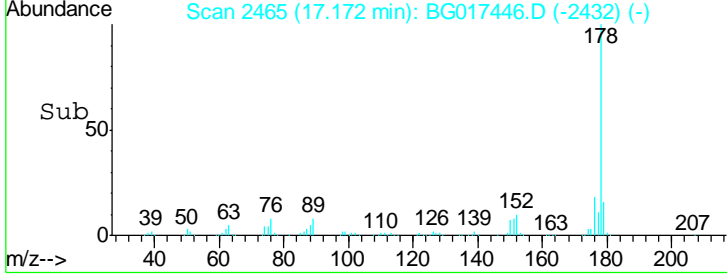
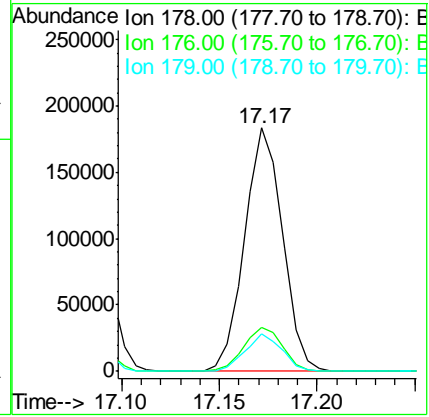
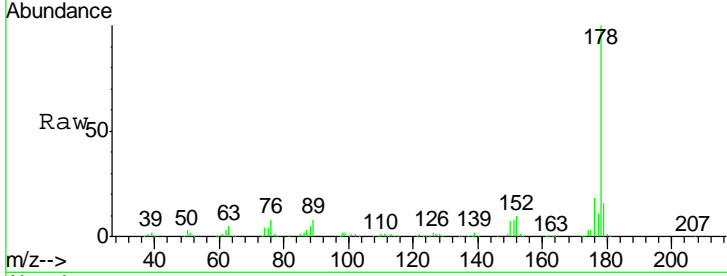


#71  
 Anthracene  
 Concen: 39.00 ng  
 RT: 17.17 min Scan# 2465  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

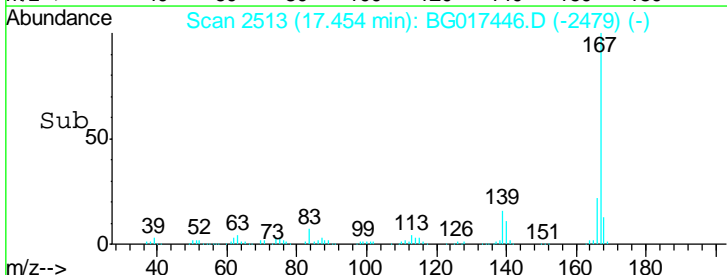
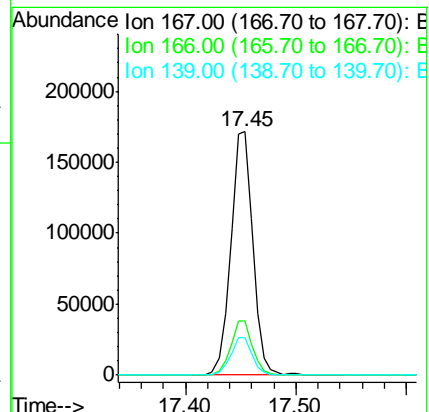
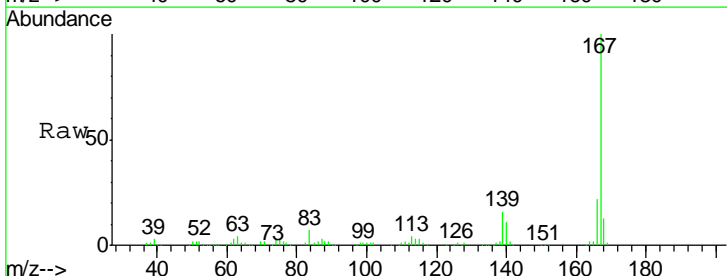
Tgt Ion	Resp	Lower	Upper
178	100		
176	18.2	14.2	21.2
179	15.6	12.2	18.4

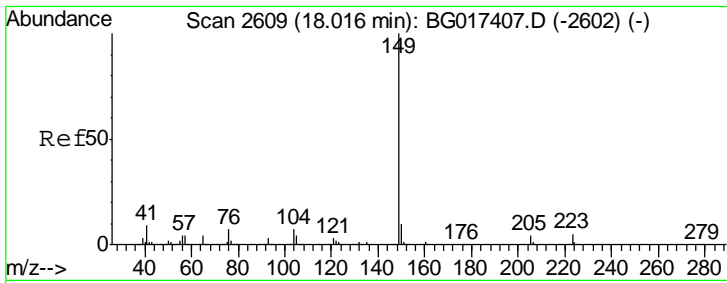
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#72  
 Carbazole  
 Concen: 38.43 ng  
 RT: 17.45 min Scan# 2513  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
167	100		
166	22.3	17.0	25.4
139	15.6	11.3	16.9



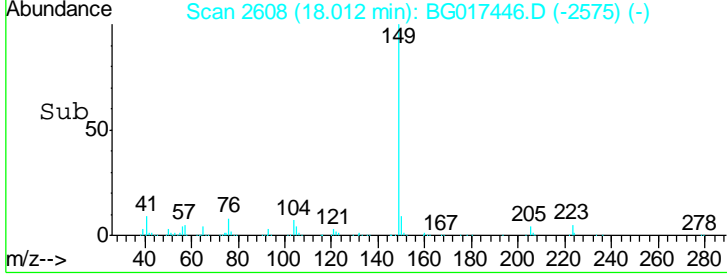
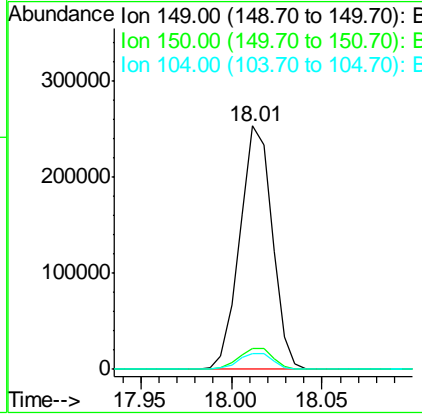
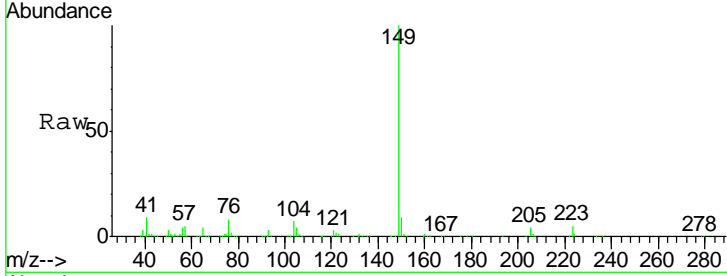


#73  
 Di-n-butylphthalate  
 Concen: 39.57 ng  
 RT: 18.01 min Scan# 2608  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB83815BS

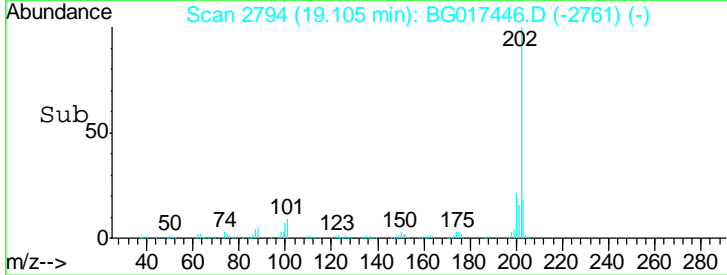
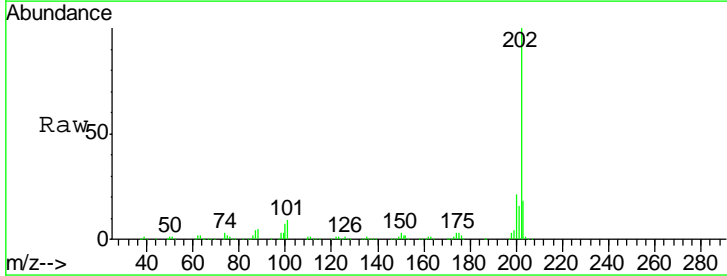
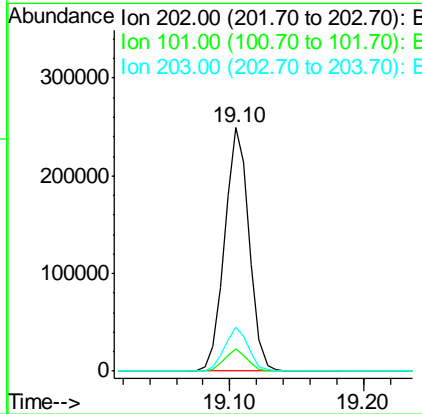
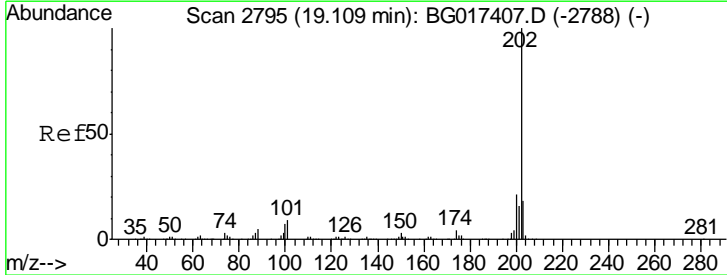
Tgt Ion	Resp	Lower	Upper
149	100		
150	8.8	7.6	11.4
104	6.7	5.4	8.2

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**APPROVED**  
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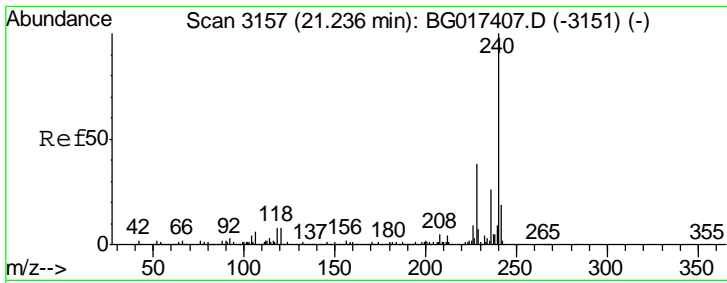


#74  
 Fluoranthene  
 Concen: 38.80 ng  
 RT: 19.10 min Scan# 2794  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
202	100		
101	9.1	0.0	28.8
203	18.0	0.0	37.6





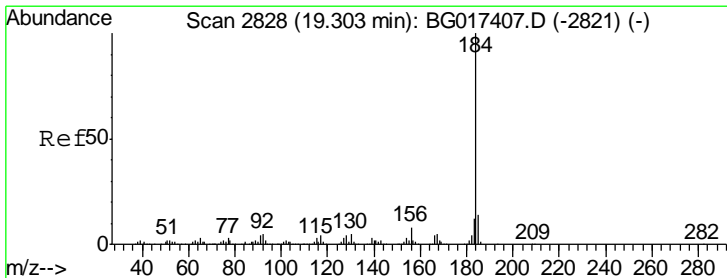
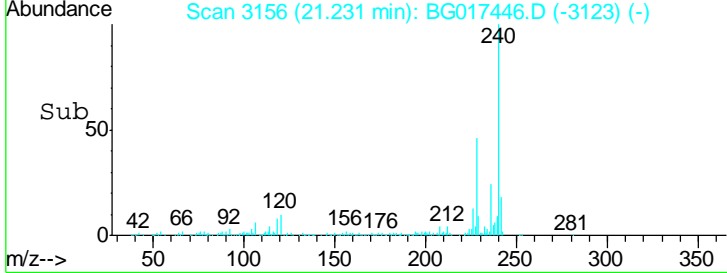
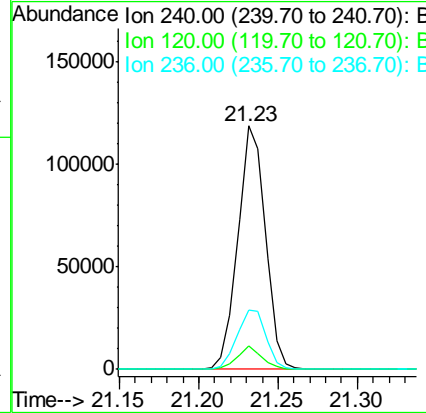
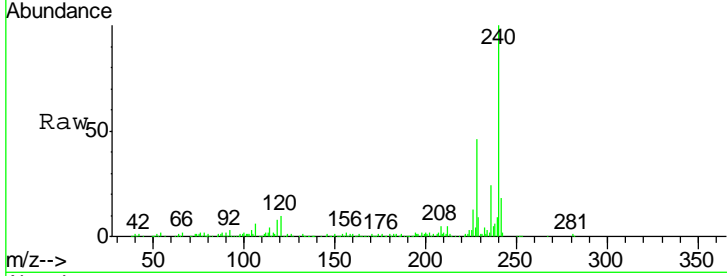


#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 21.23 min Scan# 3156  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

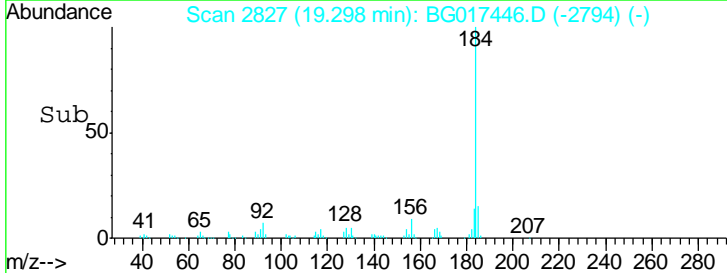
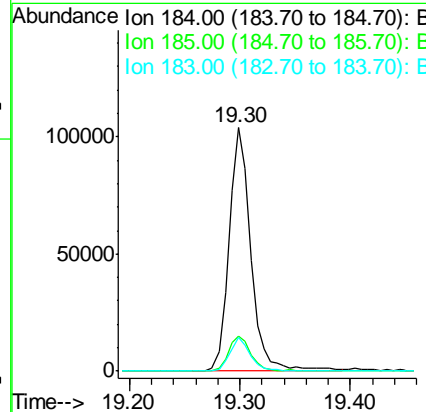
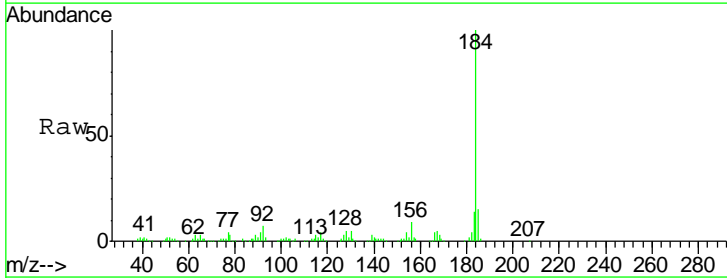
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.5	9.7
236	24.4	20.8	31.2

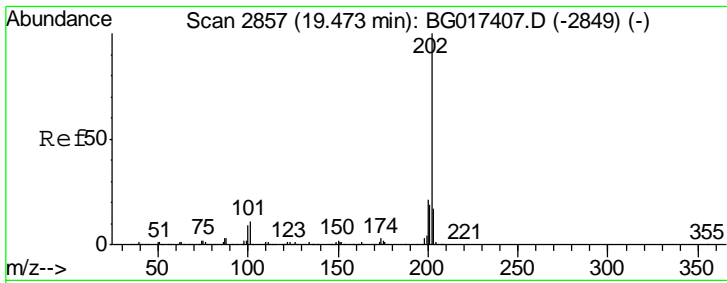
Manual Integrations  
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 6/5/2015 5:14:41 PM



#76  
 Benzidine  
 Concen: 29.29 ng  
 RT: 19.30 min Scan# 2827  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.0	16.6
183	13.6	9.8	14.8



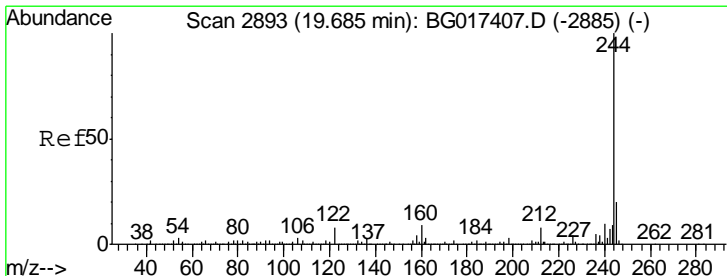
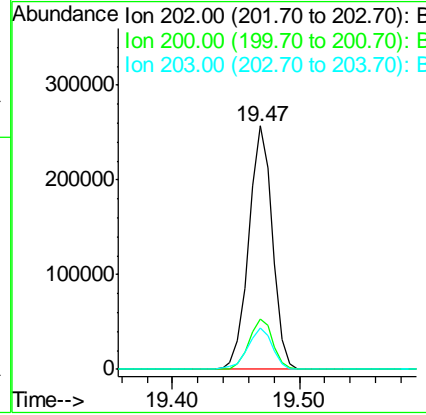
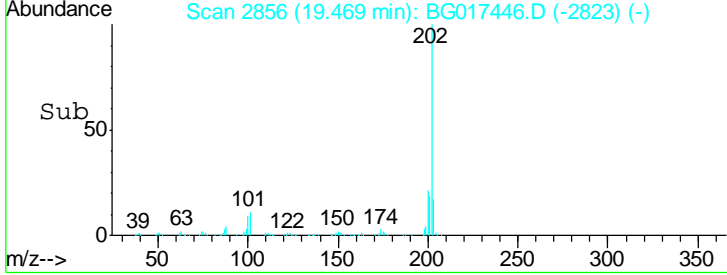
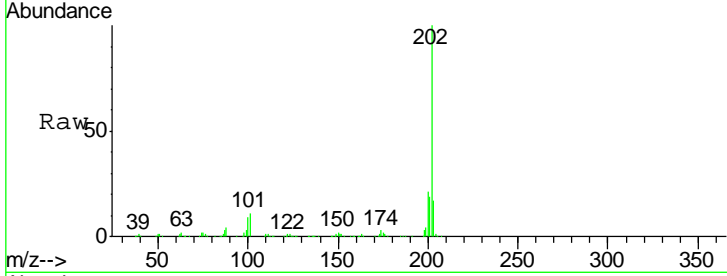


#77  
 Pyrene  
 Concen: 37.67 ng  
 RT: 19.47 min Scan# 2856  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 Client Sampled :  
 PB83815BS

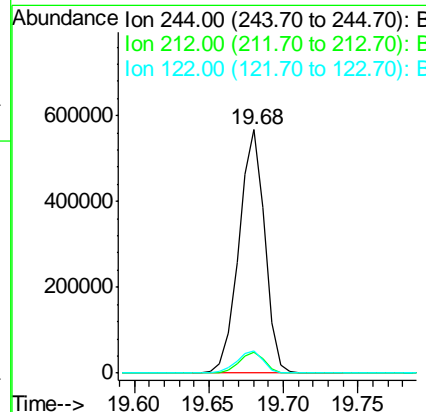
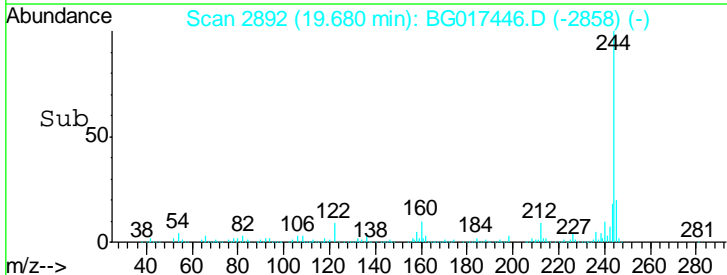
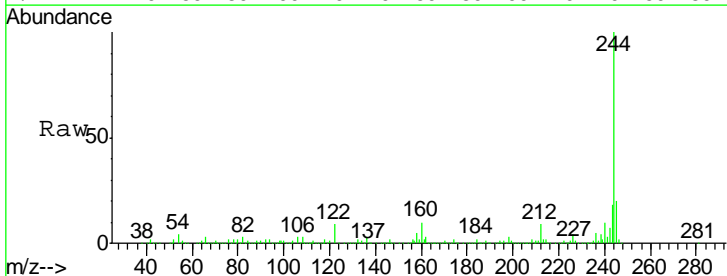
Tgt Ion	Resp	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	16.9	13.9	20.9

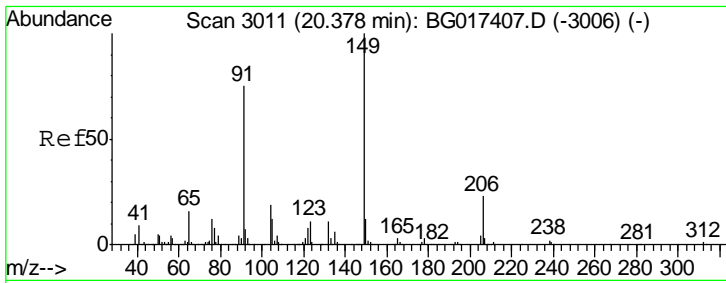
Manual Integrations  
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#78  
 Terphenyl-d14  
 Concen: 98.68 ng  
 RT: 19.68 min Scan# 2892  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
244	100		
212	8.6	6.4	9.6
122	9.2	6.6	10.0



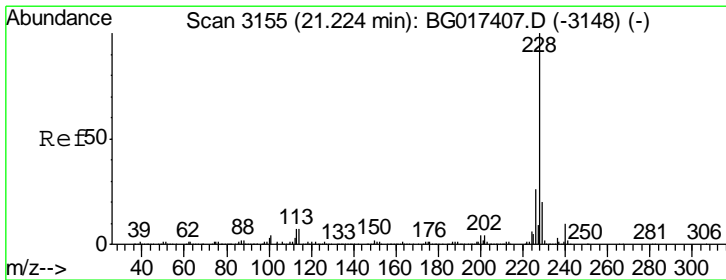
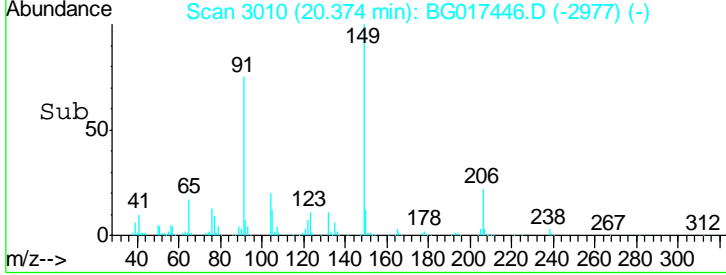
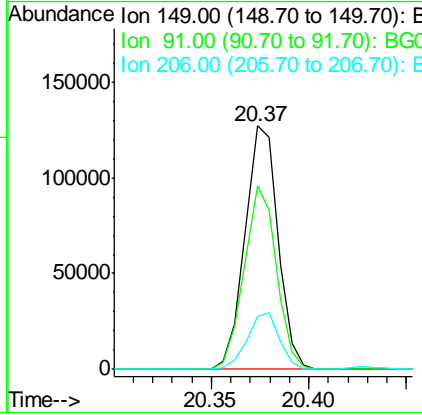
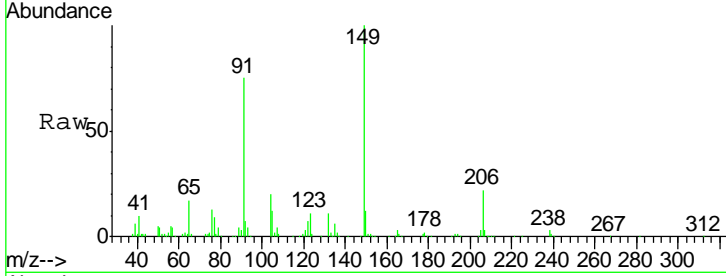


#79  
 Butylbenzylphthalate  
 Concen: 39.13 ng  
 RT: 20.37 min Scan# 3010  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

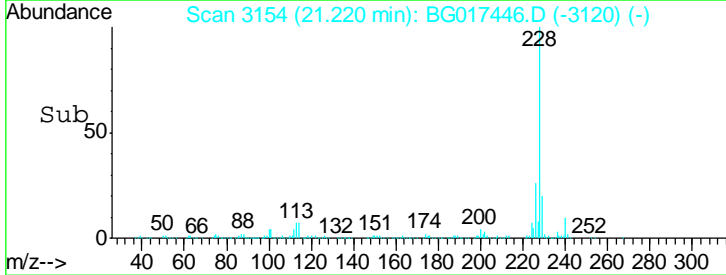
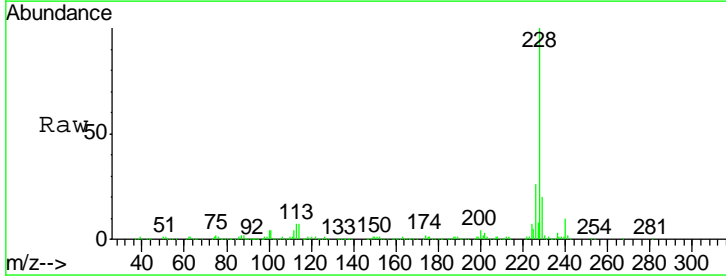
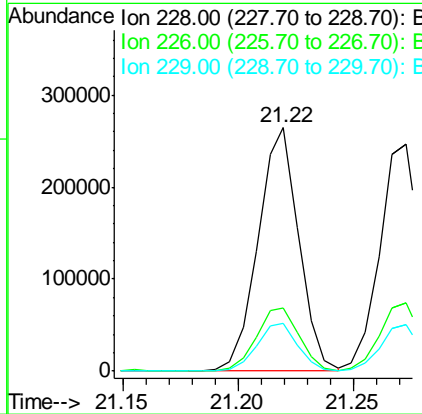
Tgt Ion	Resp	Lower	Upper
149	149003		
91	75.4	59.8	89.6
206	21.7	18.2	27.2

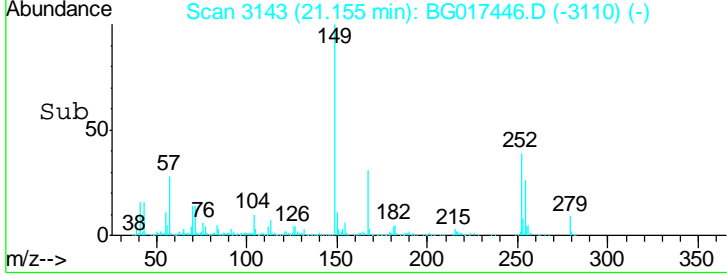
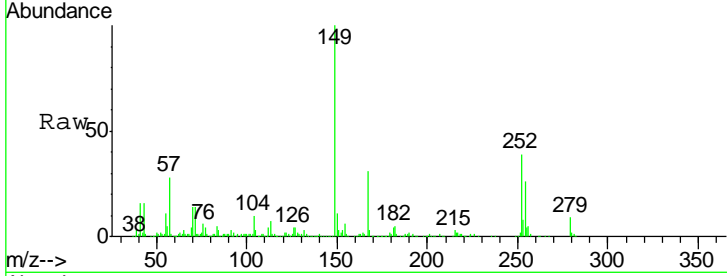
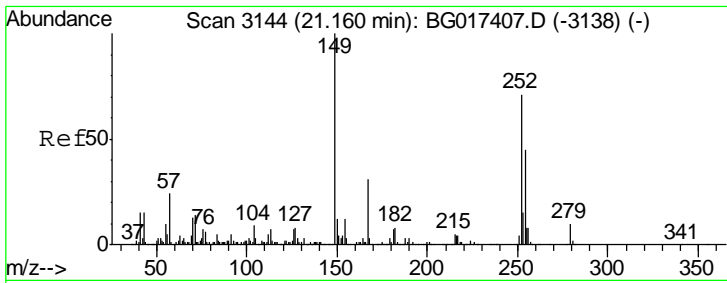
Manual Integrations  
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#80  
 Benzo(a)anthracene  
 Concen: 36.72 ng  
 RT: 21.22 min Scan# 3154  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
228	322557		
226	25.7	21.0	31.6
229	19.6	15.7	23.5



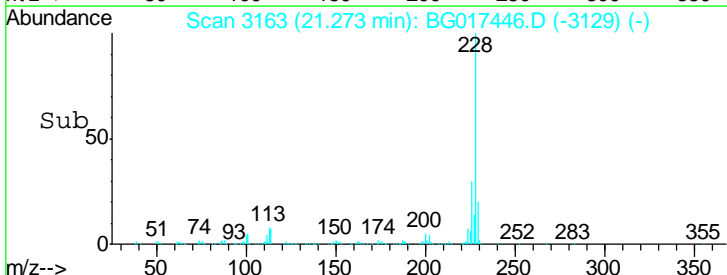
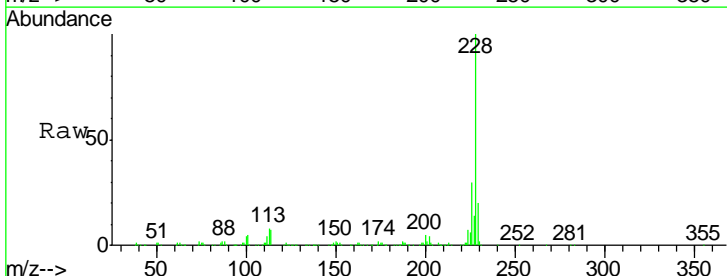
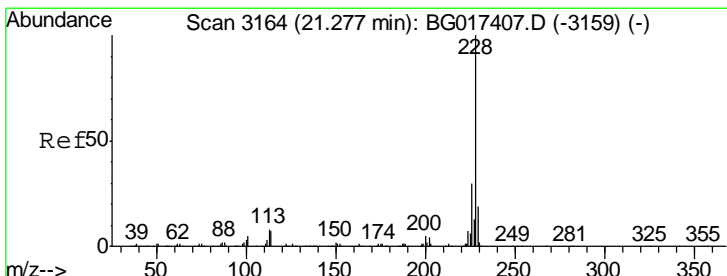
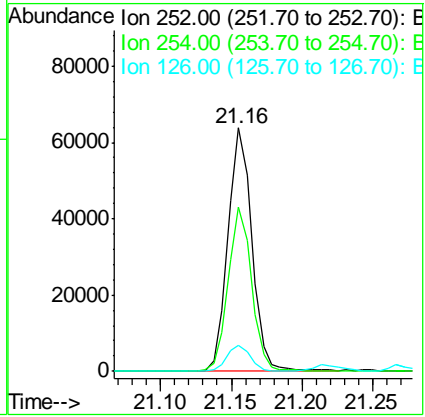


#81  
 3,3'-Dichlorobenzidine  
 Concen: 22.99 ng  
 RT: 21.16 min Scan# 3143  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
252	100		
254	67.3	51.1	76.7
126	10.9	8.2	12.2

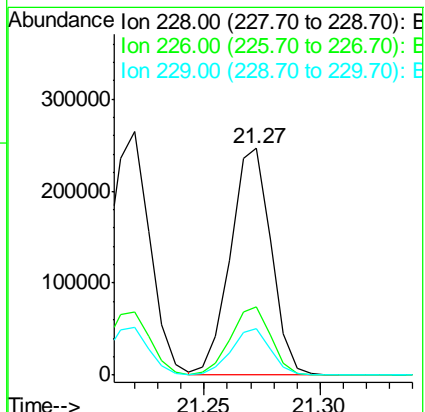
Instrument : BNA\_G  
 ClientSampled : PB83815BS

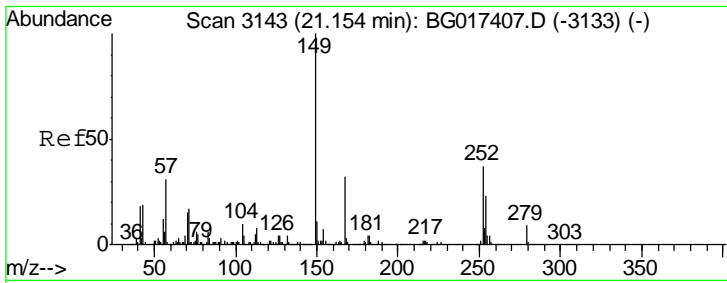
Manual Integrations  
**APPROVED**  
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#82  
 Chrysene  
 Concen: 37.93 ng  
 RT: 21.27 min Scan# 3163  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
228	100		
226	30.2	23.7	35.5
229	20.3	15.2	22.8



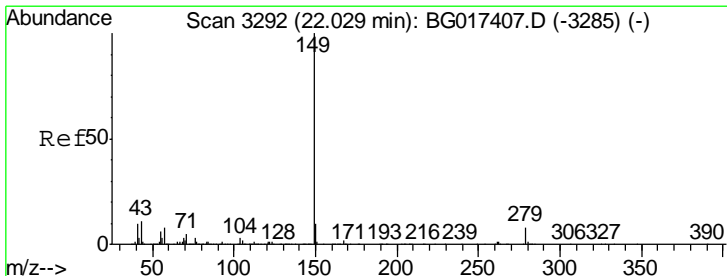
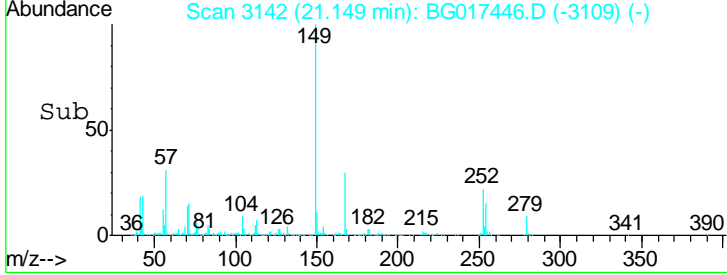
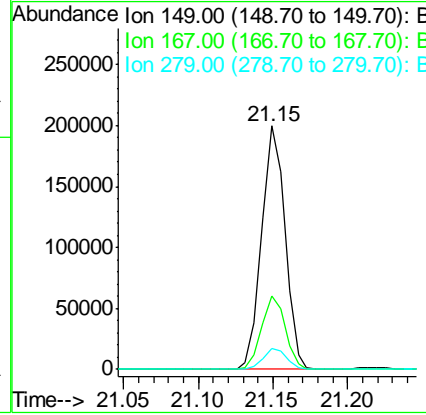
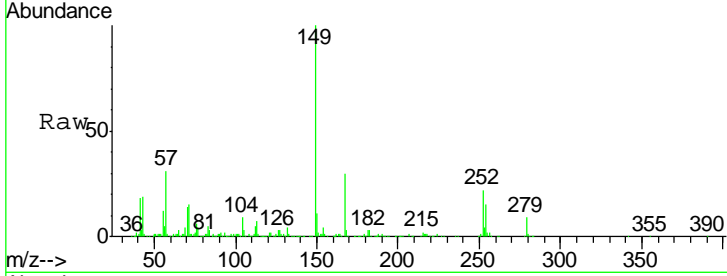


#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 39.28 ng  
 RT: 21.15 min Scan# 3142  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

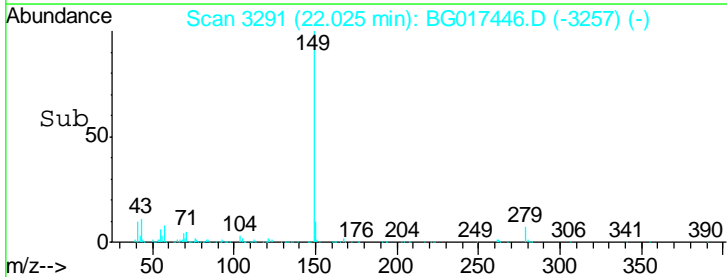
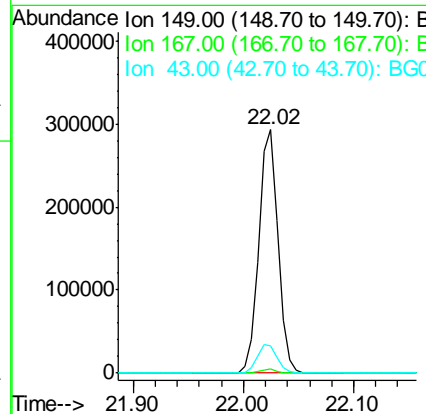
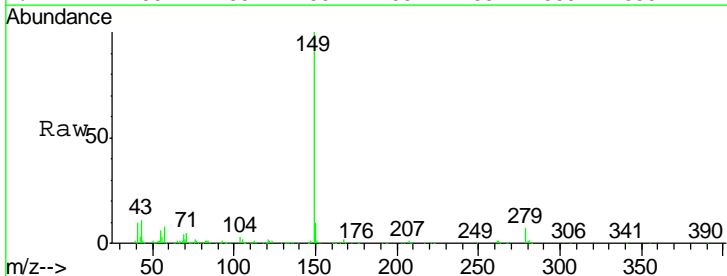
Tgt Ion	Resp	Lower	Upper
149	100		
167	29.9	25.4	38.2
279	8.6	7.1	10.7

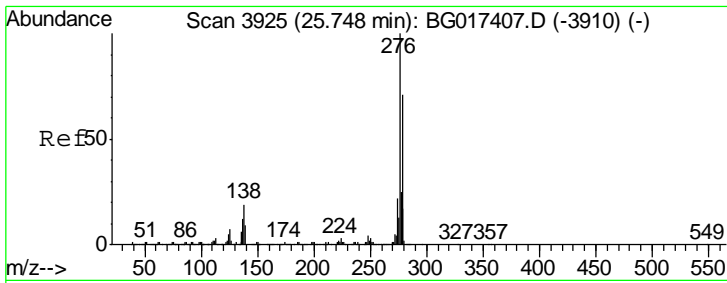
Manual Integrations  
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#84  
 Di-n-octyl phthalate  
 Concen: 38.83 ng  
 RT: 22.02 min Scan# 3291  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
149	100		
167	1.6	1.4	2.2
43	12.2	9.8	14.6



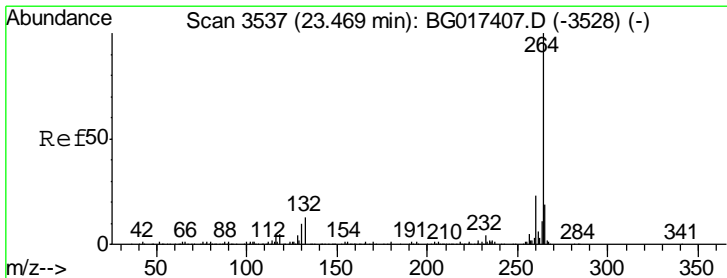
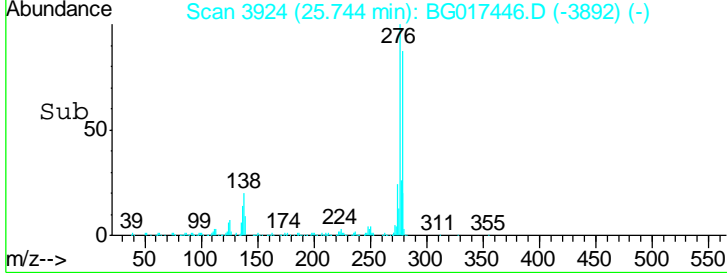
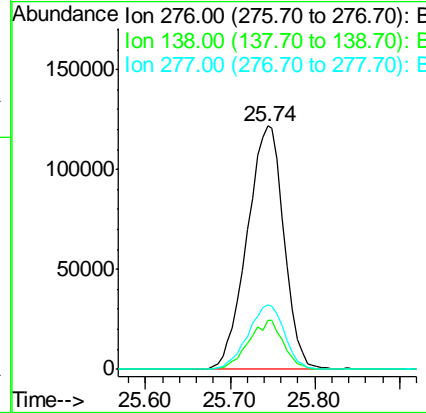
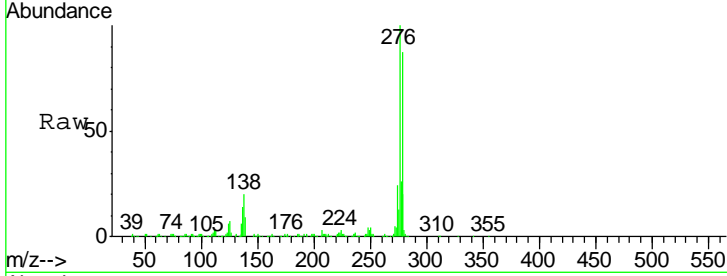


#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 36.87 ng  
 RT: 25.74 min Scan# 3924  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

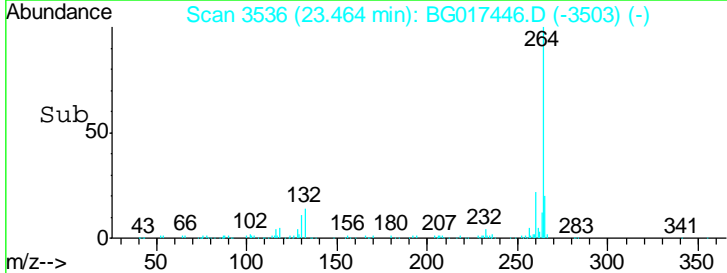
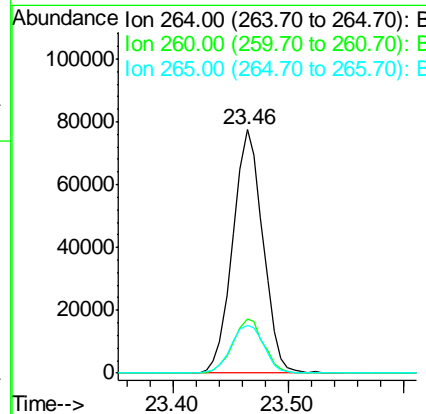
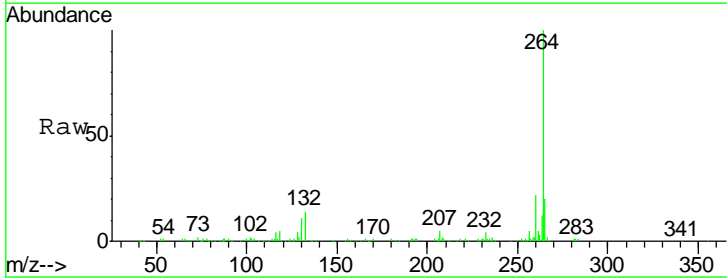
Tgt Ion	Resp	Lower	Upper
276	100		
138	19.1	15.4	23.0
277	26.3	20.5	30.7

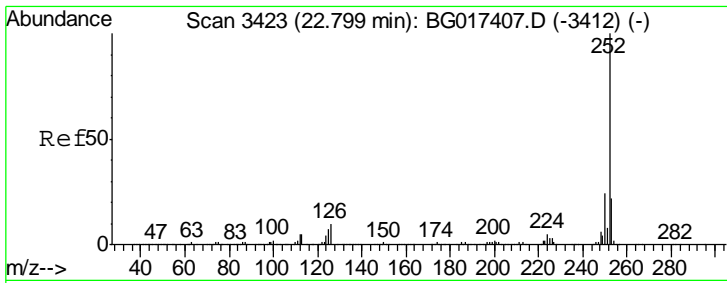
Manual Integrations  
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.46 min Scan# 3536  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	19.6	15.8	23.6



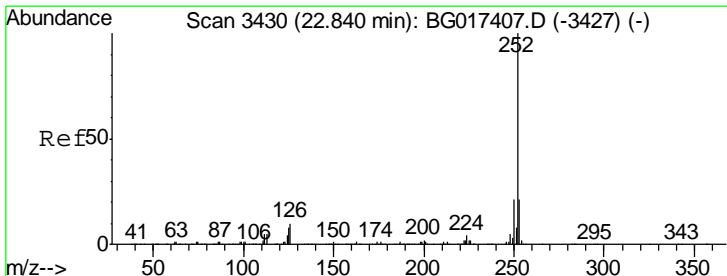
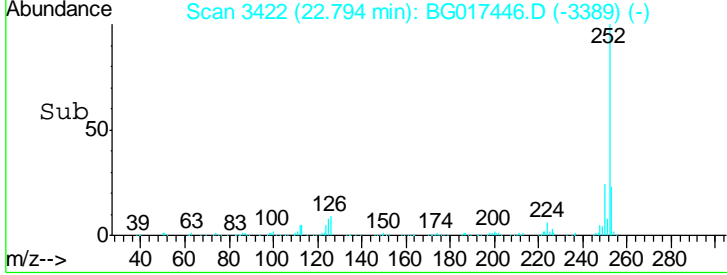
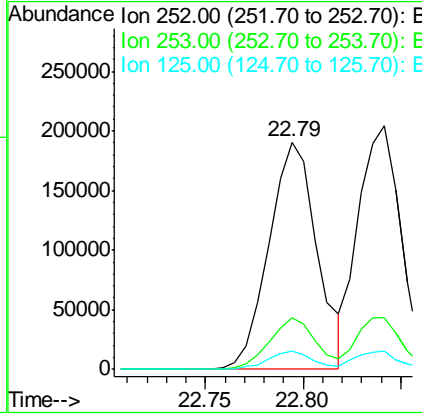
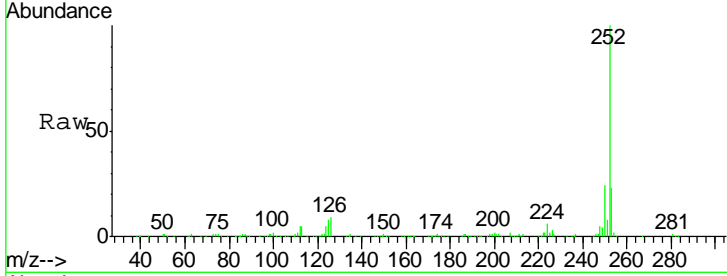


#87  
 Benzo(b)fluoranthene  
 Concen: 36.84 ng  
 RT: 22.79 min Scan# 3422  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

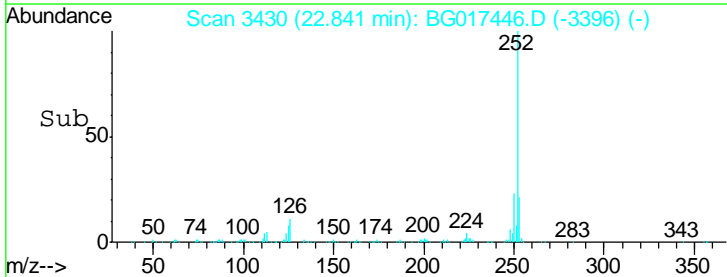
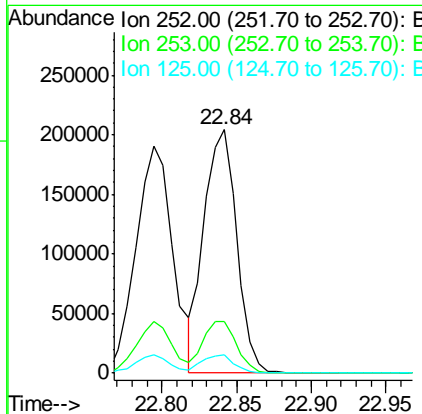
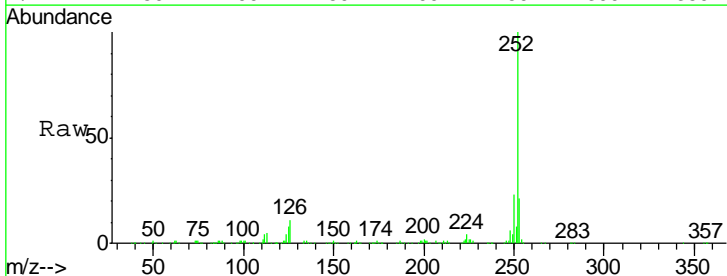
Tgt Ion	Resp	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	8.2	5.8	8.8

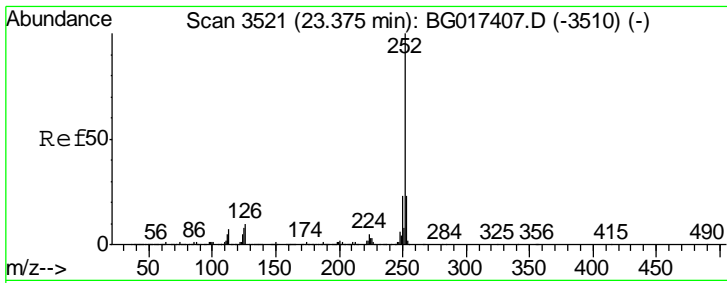
Manual Integrations  
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#88  
 Benzo(k)fluoranthene  
 Concen: 36.53 ng  
 RT: 22.84 min Scan# 3430  
 Delta R.T. 0.00 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

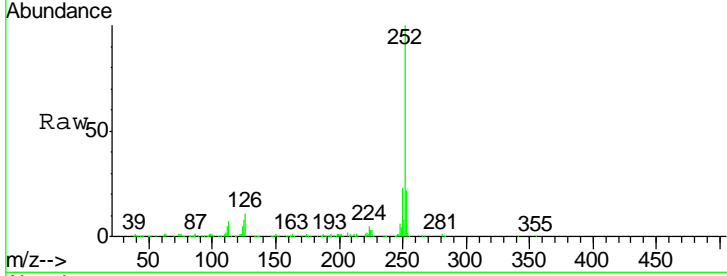
Tgt Ion	Resp	Lower	Upper
252	100		
253	21.3	17.7	26.5
125	7.6	6.5	9.7





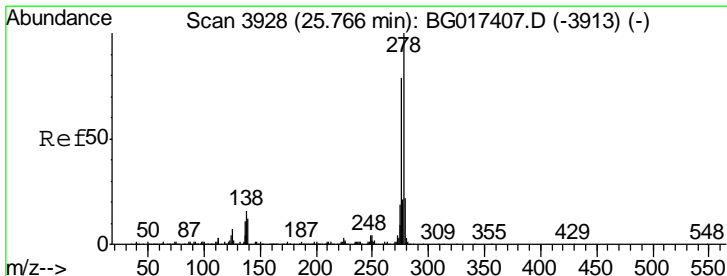
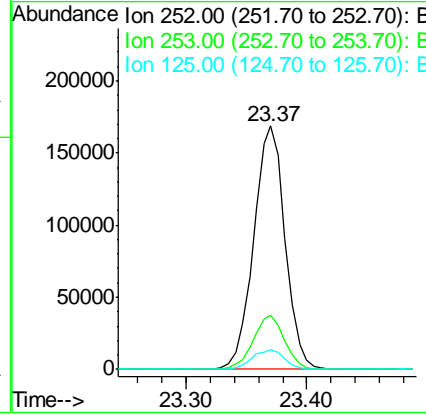
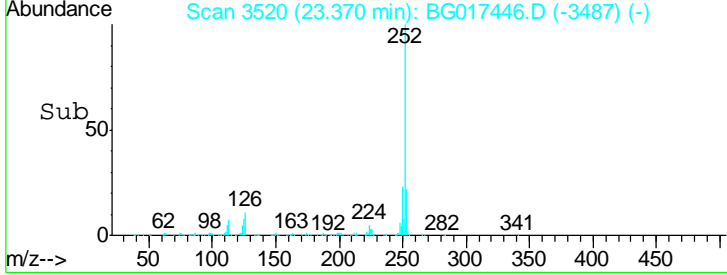
#89  
 Benzo(a)pyrene  
 Concen: 37.32 ng  
 RT: 23.37 min Scan# 3520  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

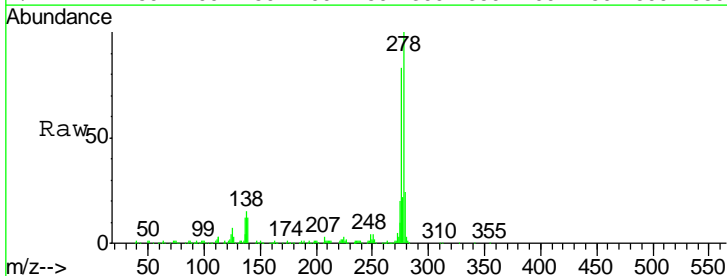


Tgt Ion	Resp	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	8.0	6.5	9.7

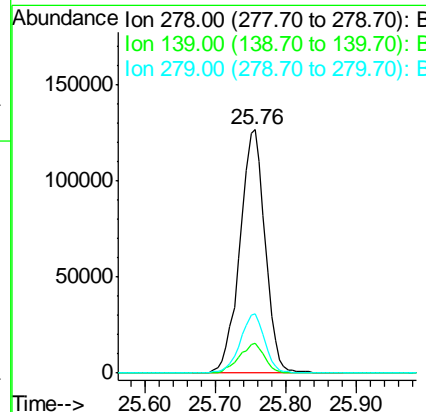
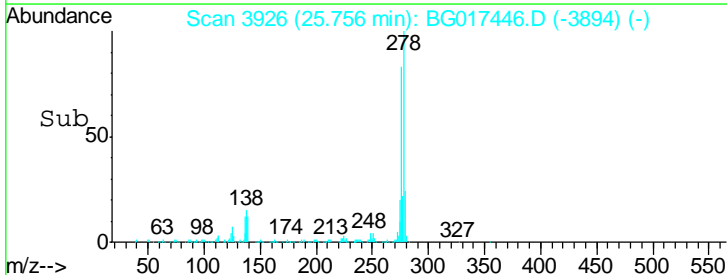
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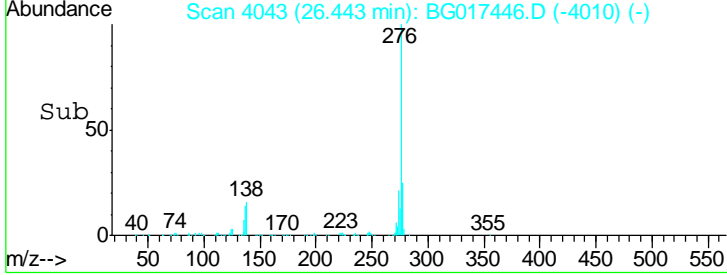
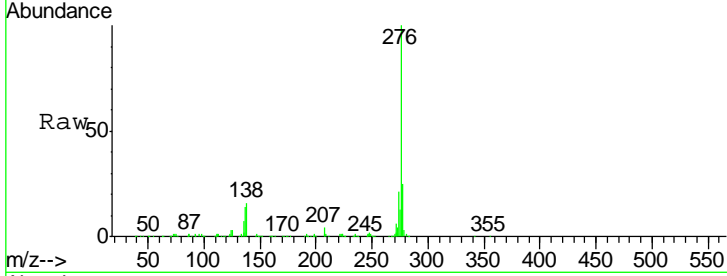
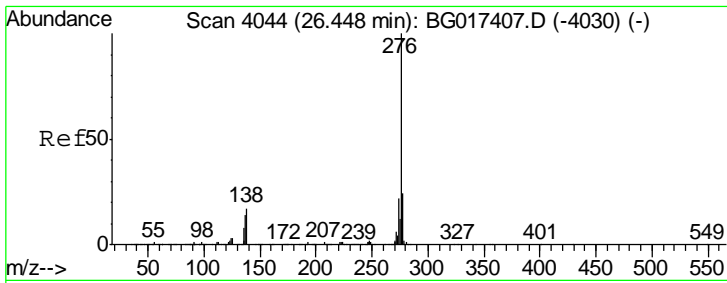
#90  
 Dibenzo(a,h)anthracene  
 Concen: 37.16 ng  
 RT: 25.76 min Scan# 3926  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49



Tgt Ion	Resp	Lower	Upper
278	100		
139	12.0	9.4	14.0
279	24.4	17.8	26.8







#91  
 Benzo(g,h,i)perylene  
 Concen: 36.67 ng  
 RT: 26.44 min Scan# 4043  
 Delta R.T. -0.01 min  
 Lab File: BG017446.D  
 Acq: 4 Jun 2015 17:49

Tgt Ion	Resp	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	15.8	13.5	20.3

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83815BS

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