

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
 Data File : BG017466.D
 Acq On : 5 Jun 2015 7:42
 Operator : TP/IZ
 Sample : G2450-30MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AVE-E-C12.3(5)MS

Manual Integrations
 APPROVED

apatel
 6/5/2015 5:15:30 PM

Quant Time: Jun 05 15:20:37 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 01:31:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	21624	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	94245	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	64954	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	154611	20.00	ng	0.00
75) Chrysene-d12	21.24	240	176912	20.00	ng	0.00
86) Perylene-d12	23.47	264	174255	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	205666	167.56	ng	0.01
7) Phenol-d6	6.85	99	282519	168.96	ng	0.01
23) Nitrobenzene-d5	8.79	82	176998	93.75	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	143753	159.34	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	408413	94.85	ng	0.00
78) Terphenyl-d14	19.68	244	716798	83.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.07	88	17142	31.03	ng	91
3) Pyridine	3.47	79	51009	34.57	ng	99
4) n-Nitrosodimethylamine	3.39	42	43565	45.04	ng	# 89
6) Aniline	6.96	93	38255	17.04	ng	91
8) 2-Chlorophenol	7.21	128	72385	49.87	ng	98
9) Benzaldehyde	6.77	77	5648	4.98	ng	86
10) Phenol	6.87	94	92830	54.05	ng	95
11) bis(2-Chloroethyl)ether	7.06	93	57384	43.85	ng	98
12) 1,3-Dichlorobenzene	7.51	146	67308	41.48	ng	96
13) 1,4-Dichlorobenzene	7.66	146	68634	40.37	ng	96
14) 1,2-Dichlorobenzene	7.98	146	68486	43.03	ng	93
15) Benzyl Alcohol	7.88	79	70180	45.08	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.17	45	90517	41.04	ng	98
17) 2-Methylphenol	8.11	107	65384	50.17	ng	91
18) Hexachloroethane	8.70	117	28580	42.13	ng	92
19) n-Nitroso-di-n-propylamine	8.44	70	57888	40.92	ng	92
20) 3+4-Methylphenols	8.44	107	88816	49.26	ng	# 66
22) Acetophenone	8.45	105	101417	43.90	ng	# 90
24) Nitrobenzene	8.84	77	86152	43.96	ng	97
25) Isophorone	9.35	82	146253	37.04	ng	99
26) 2-Nitrophenol	9.54	139	41097	45.21	ng	97
27) 2,4-Dimethylphenol	9.63	122	74252	50.24	ng	97
28) bis(2-Chloroethoxy)methane	9.84	93	76507	42.41	ng	94
29) 2,4-Dichlorophenol	10.10	162	81318	56.46	ng	96
30) 1,2,4-Trichlorobenzene	10.29	180	74430	43.95	ng	98
31) Naphthalene	10.47	128	205634	41.76	ng	100
32) Benzoic acid	9.76	122	5462	5.85	ng	# 77
33) 4-Chloroaniline	10.60	127	14492	6.63	ng	# 95
34) Hexachlorobutadiene	10.75	225	48428	43.93	ng	99
35) Caprolactam	11.38	113	31504m	39.74	ng	
36) 4-Chloro-3-methylphenol	11.77	107	94399	50.37	ng	87
37) 2-Methylnaphthalene	12.09	142	166334	43.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.47	216	90260	45.67	ng	97
40) Hexachlorocyclopentadiene	12.45	237	35817	34.90	ng	100

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Manual Integrations
 APPROVED

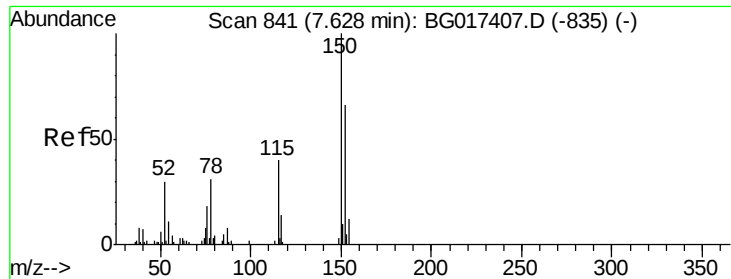
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Quant Time: Jun 05 15:20:37 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 01:31:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	12.73	196	67084m	47.40	nq	
43) 2,4,5-Trichlorophenol	12.84	196	78461	50.61	nq	93
45) 1,1'-Biphenyl	13.12	154	213329	44.94	nq	99
46) 2-Chloronaphthalene	13.16	162	173010	43.58	nq	97
47) 2-Nitroaniline	13.38	65	66194	45.16	nq	97
48) Acenaphthylene	14.01	152	284332	40.66	nq	99
49) Dimethylphthalate	13.76	163	254652	45.04	nq	99
50) 2,6-Dinitrotoluene	13.88	165	52213	41.10	nq	89
51) Acenaphthene	14.36	154	168686	40.92	nq	97
52) 3-Nitroaniline	14.22	138	29720	21.60	nq	97
53) 2,4-Dinitrophenol	14.43	184	26090	36.88	nq	95
54) Dibenzofuran	14.69	168	263555	43.34	nq	94
55) 4-Nitrophenol	14.61	139	81149	73.99	nq	97
56) 2,4-Dinitrotoluene	14.67	165	77282	42.70	nq	92
57) Fluorene	15.35	166	231945	42.06	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.94	232	64412	45.55	nq	98
59) Diethylphthalate	15.13	149	243529	39.68	nq	100
60) 4-Chlorophenyl-phenylether	15.34	204	126242	45.18	nq	97
61) 4-Nitroaniline	15.39	138	50619	33.41	nq	89
62) Azobenzene	15.63	77	242024	41.49	nq	95
64) 4,6-Dinitro-2-methylphenol	15.44	198	41128	35.88	nq	94
65) n-Nitrosodiphenylamine	15.56	169	209113	45.35	nq	96
66) 4-Bromophenyl-phenylether	16.24	248	78610	45.93	nq	93
67) Hexachlorobenzene	16.35	284	83676	45.48	nq	97
68) Atrazine	16.52	200	84651	41.71	nq	97
69) Pentachlorophenol	16.71	266	79921	71.58	nq	92
70) Phenanthrene	17.08	178	357007	41.41	nq	99
71) Anthracene	17.18	178	365269	42.41	nq	97
72) Carbazole	17.45	167	338059	39.76	nq	98
73) Di-n-butylphthalate	18.02	149	438838	40.30	nq	99
74) Fluoranthene	19.11	202	431591	38.29	nq	98
76) Benzidine	19.31	184	89809	14.77	nq	100
77) Pyrene	19.48	202	448219	41.13	nq	99
79) Butylbenzylphthalate	20.38	149	204218	43.30	nq	99
80) Benzo(a)anthracene	21.22	228	449845	41.34	nq	98
81) 3,3'-Dichlorobenzidine	21.16	252	80261	19.74	nq	97
82) Chrysene	21.27	228	422153	42.85	nq	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	292991	43.08	nq	99
84) Di-n-octyl phthalate	22.03	149	493771	43.30	nq	97
85) Indeno(1,2,3-cd)pyrene	25.76	276	519737	42.01	nq	97
87) Benzo(b)fluoranthene	22.80	252	451496	40.89	nq	99
88) Benzo(k)fluoranthene	22.84	252	446606	42.26	nq	99
89) Benzo(a)pyrene	23.38	252	428314	42.29	nq	98
90) Dibenzo(a,h)anthracene	25.76	278	443280	42.13	nq	98
91) Benzo(g,h,i)perylene	26.45	276	417773	41.71	nq	97

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



#1

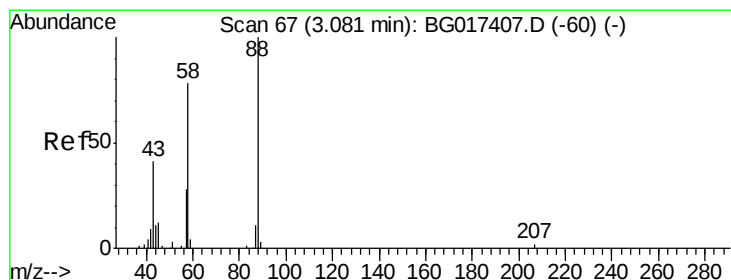
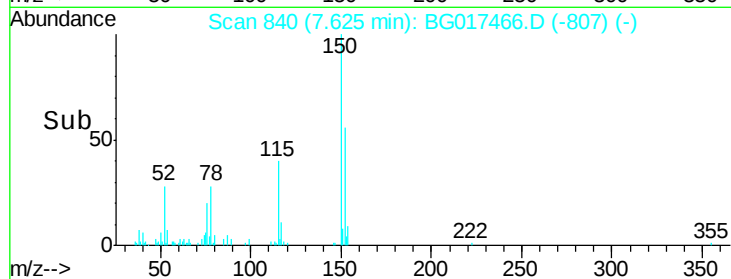
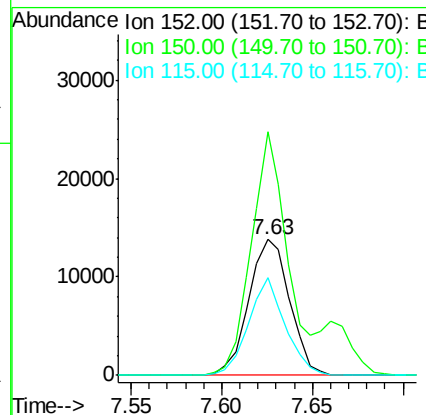
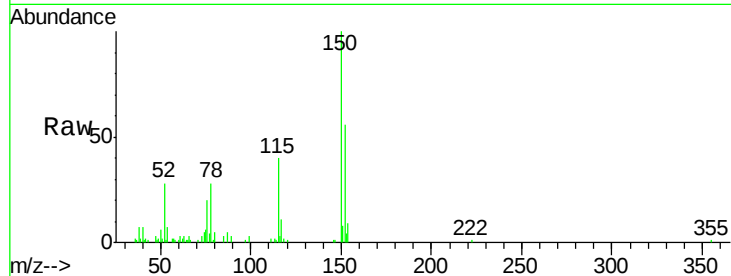
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	179.0	121.7	182.5
115	71.4	48.6	73.0

Manual Integrations
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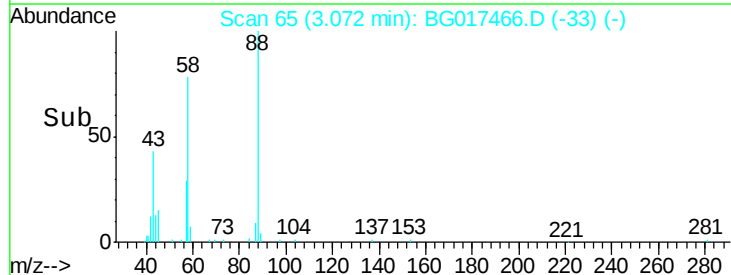
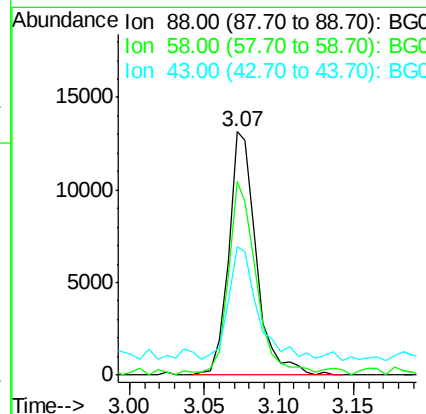
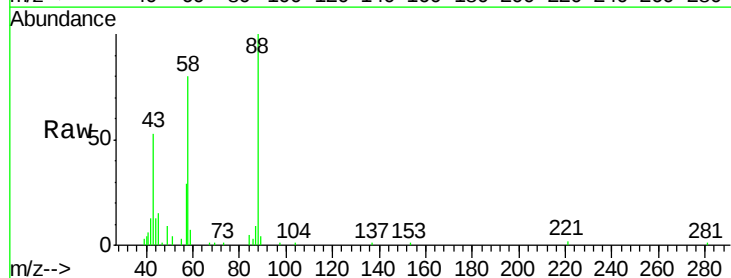
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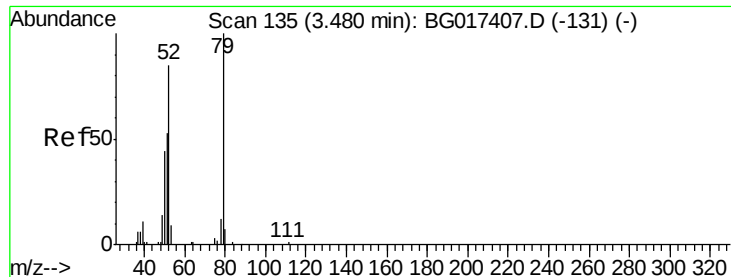


#2

1,4-Dioxane
Concen: 31.03 ng
RT: 3.07 min Scan# 65
Delta R.T. -0.01 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	59.0	88.6
43	48.8	34.5	51.7





#3

Pvridine

Concen: 34.57 ng

RT: 3.47 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Instrument :

BNA_G

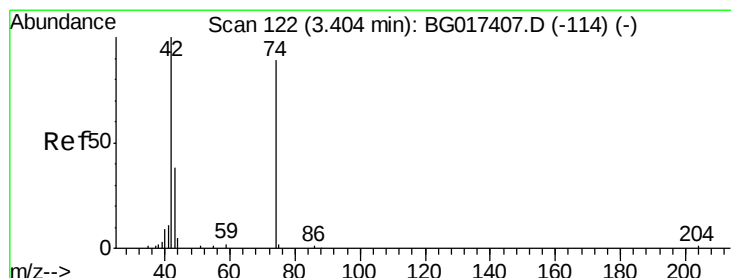
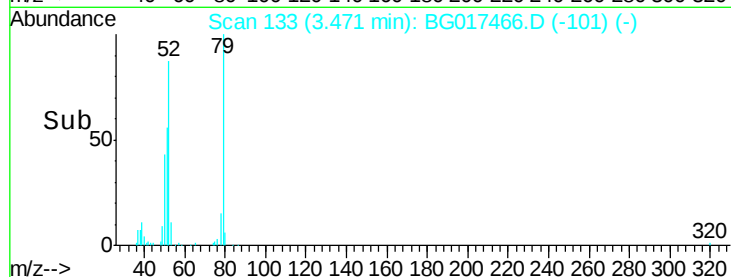
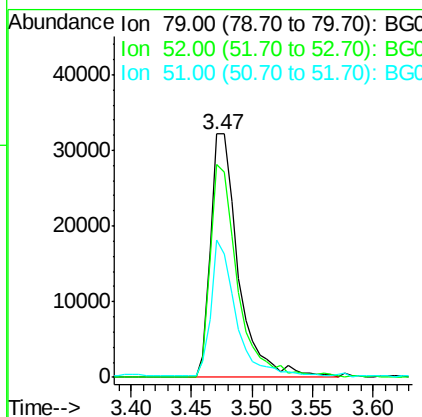
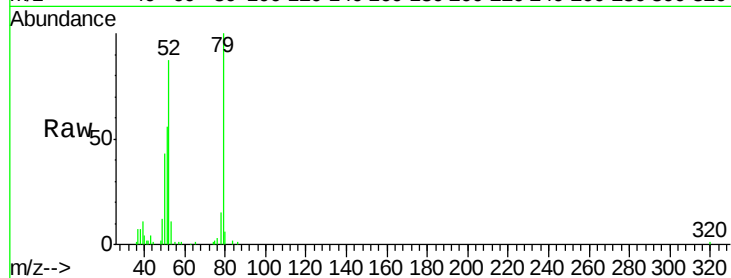
ClientSampleId :

AVE-E-C12.3(5)MS

Tot Ion:	79	Resp:	51009
Ion Ratio	Lower	Upper	
79	100		
52	87.3	68.3	102.5
51	56.2	45.0	67.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 45.04 ng

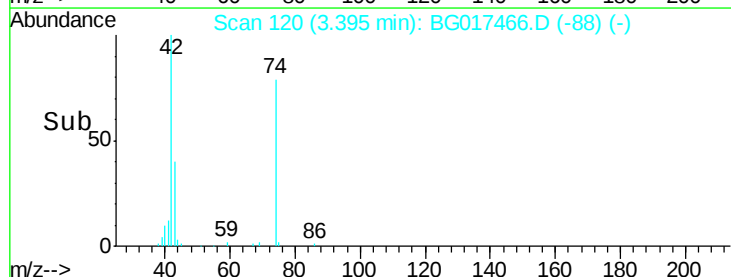
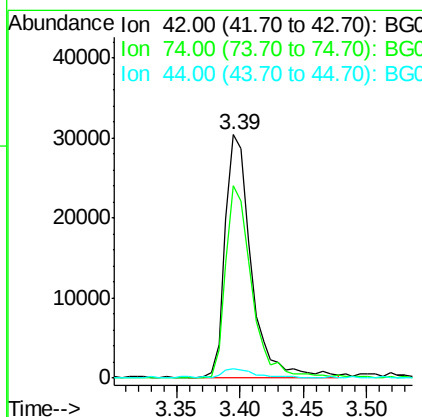
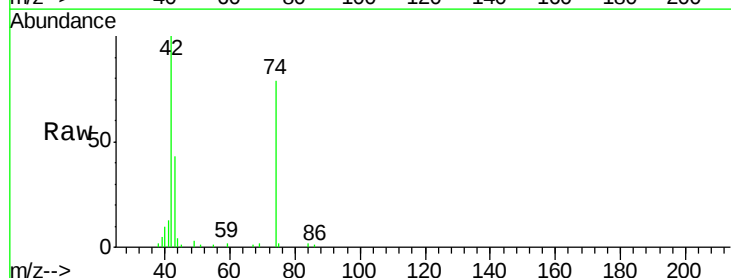
RT: 3.39 min Scan# 120

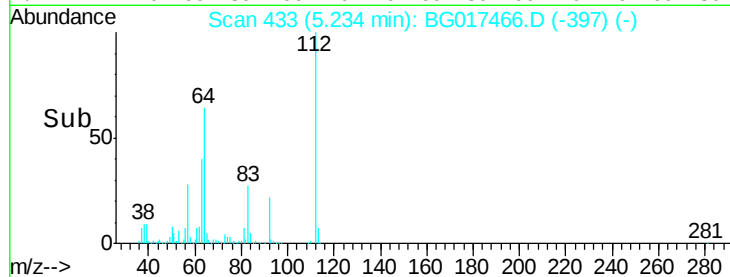
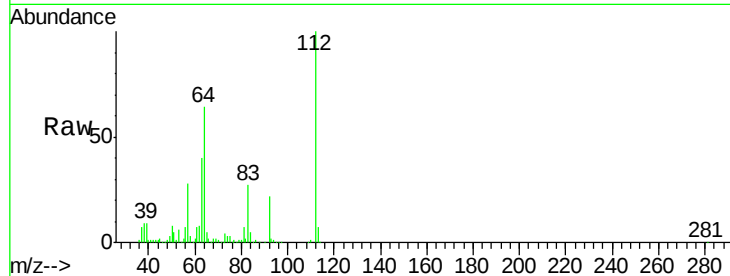
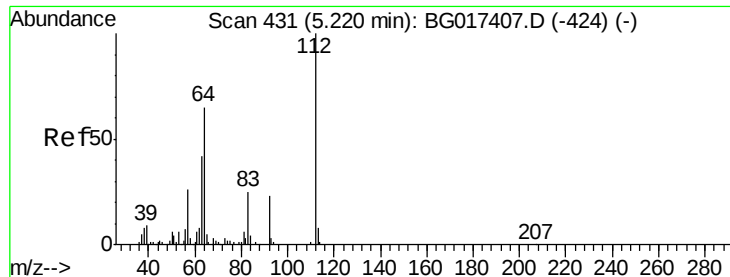
Delta R.T. -0.01 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Tgt Ion:	42	Resp:	43565
Ion Ratio	Lower	Upper	
42	100		
74	78.9	71.4	107.2
44	4.1	4.5	6.7#





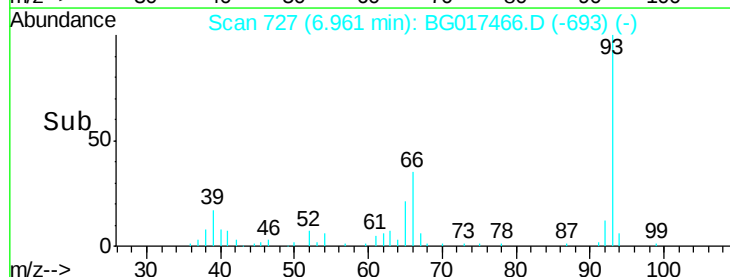
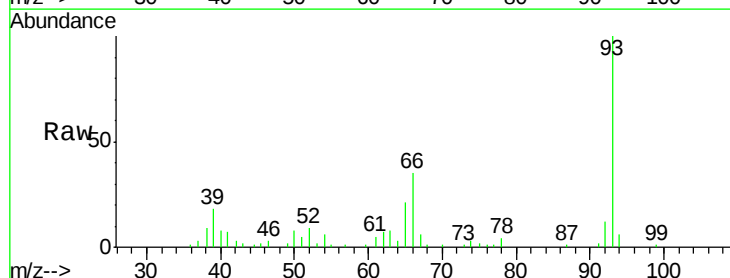
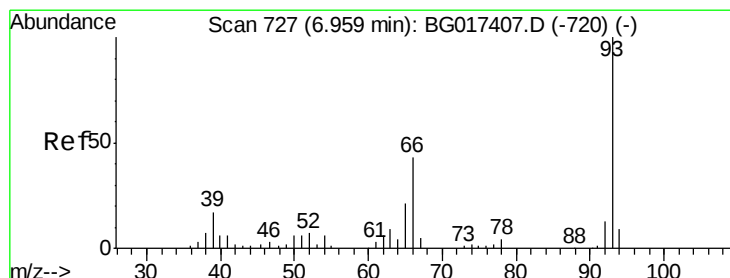
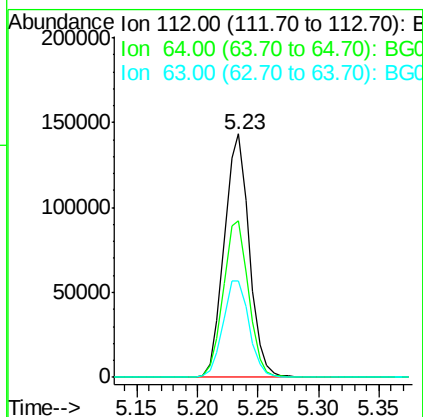
#5
2-Fluorophenol
Concen: 167.56 ng
RT: 5.23 min Scan# 433
Delta R.T. 0.01 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tot Ion	Ratio	Resp	Lower	Upper
112	100	205666		
64	64.3	51.6	77.4	
63	39.8	33.3	49.9	

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

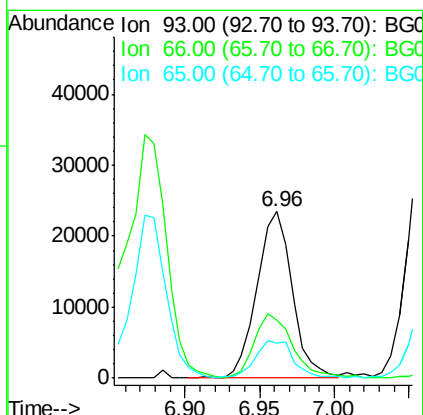
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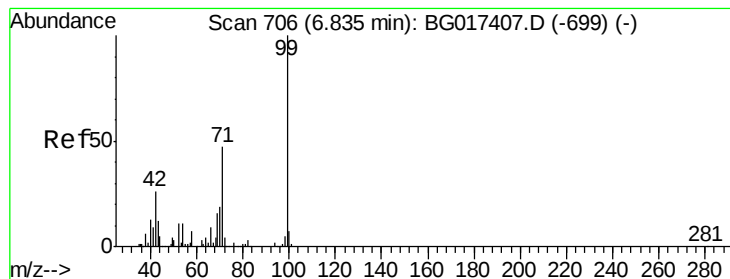
apatel
6/5/2015 5:15:30 PM



#6
Aniline
Concen: 17.04 ng
RT: 6.96 min Scan# 727
Delta R.T. 0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	38255		
66	35.0	34.3	51.5	
65	20.8	17.0	25.4	





#7

Phenol-d6

Concen: 168.96 ng

RT: 6.85 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Instrument :

BNA_G

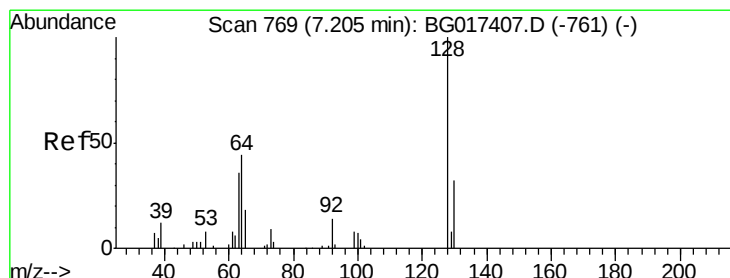
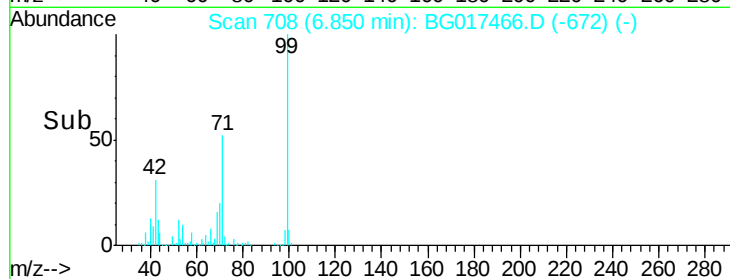
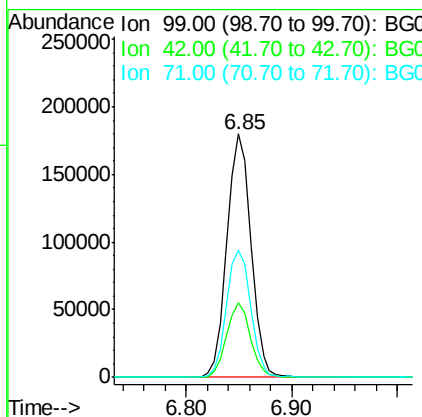
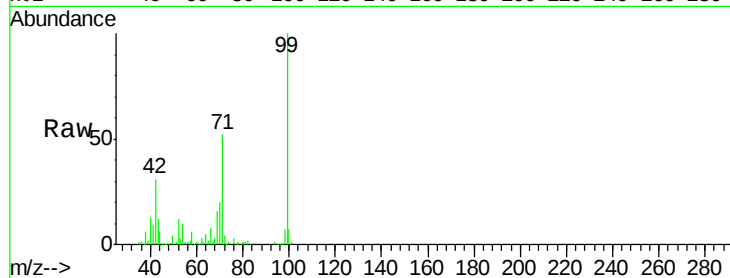
ClientSampleId :

AVE-E-C12.3(5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		282519		
42	30.7	21.0	31.6		
71	52.1	37.2	55.8		

Manual Integrations
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#8

2-Chlorophenol

Concen: 49.87 ng

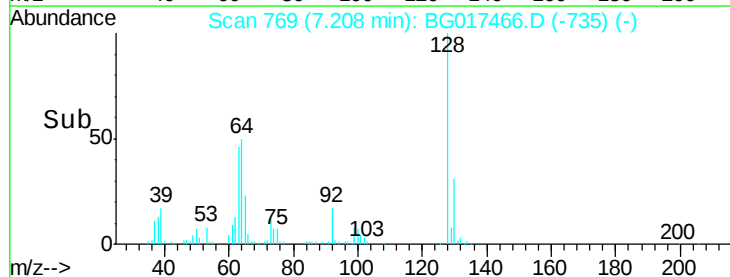
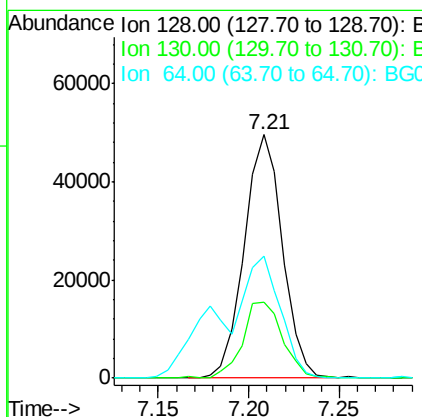
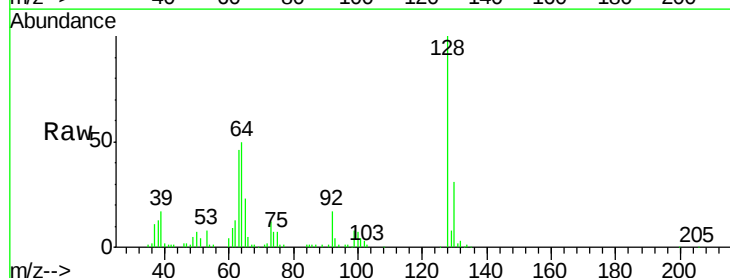
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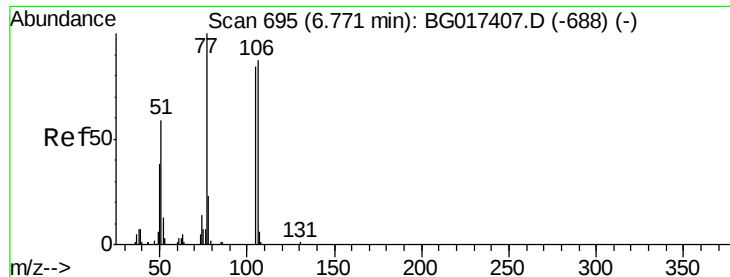
Delta R.T. 0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		72385		
130	31.3	11.7	51.7		
64	50.2	32.5	72.5		





#9

Benzaldehyde

Concen: 4.98 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Instrument :

BNA_G

ClientSampleId :

AVE-E-C12.3(5)MS

Tot Ion: 77 Resp: 5648

Ion Ratio Lower Upper

77 100

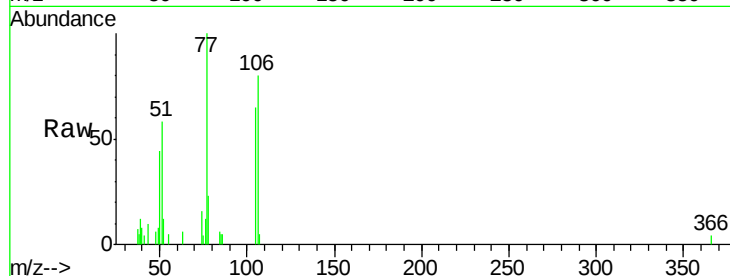
105 65.5 64.0 104.0

106 79.7 67.2 107.2

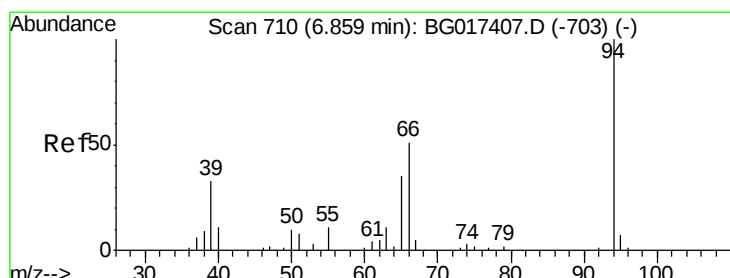
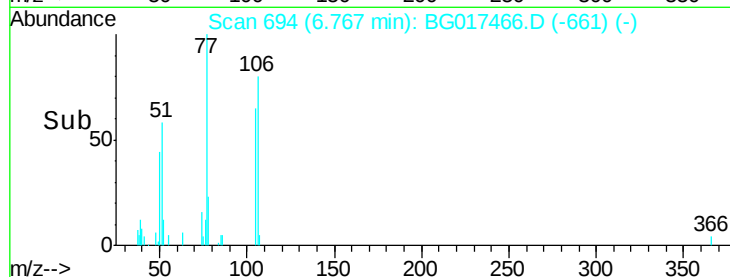
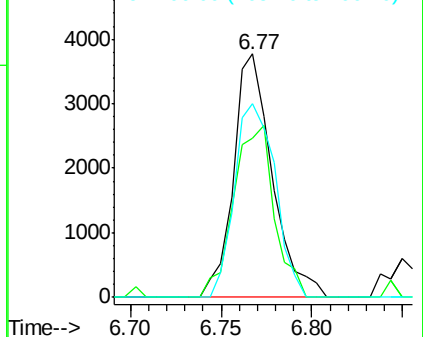
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 54.05 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.01 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

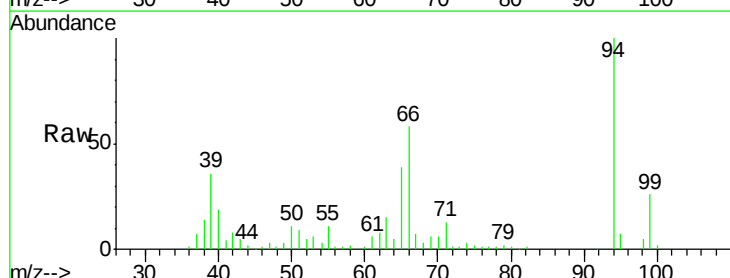
Tgt Ion: 94 Resp: 92830

Ion Ratio Lower Upper

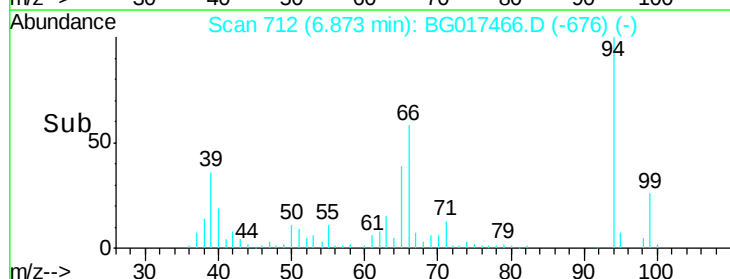
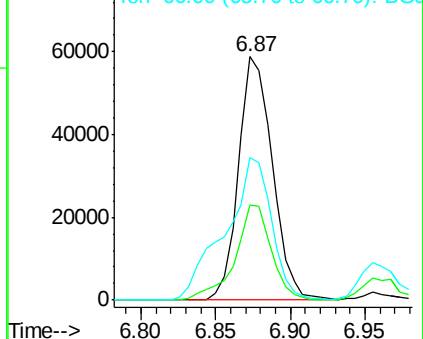
94 100

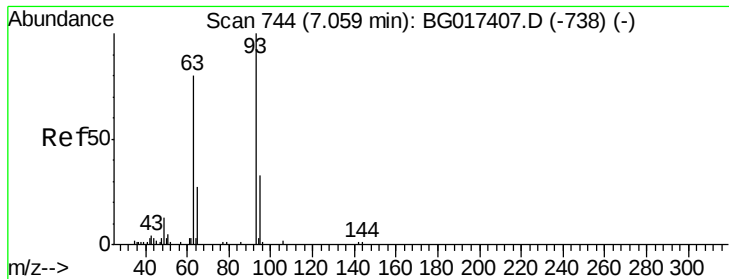
65 39.0 15.9 55.9

66 58.3 34.9 74.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





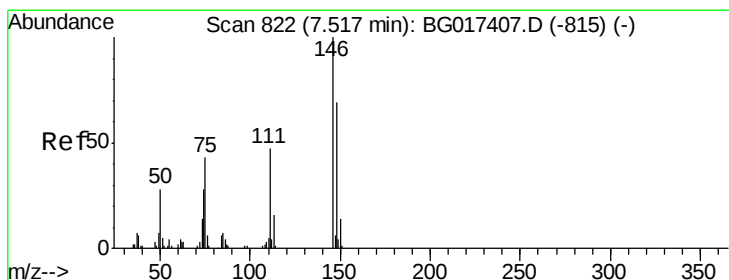
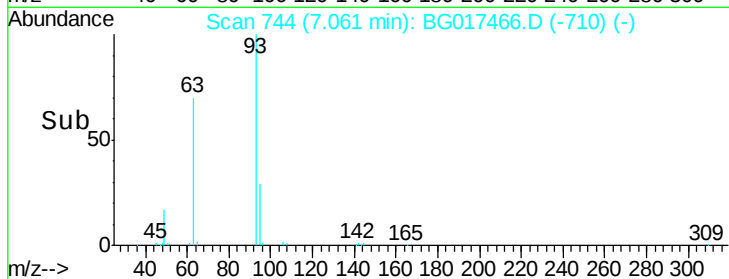
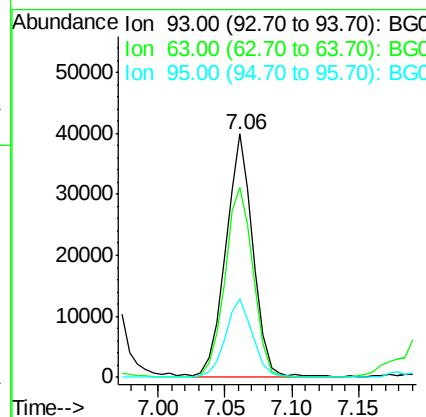
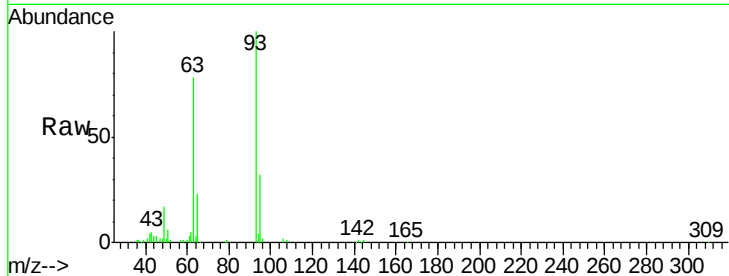
#11
bis(2-Chloroethyl)ether
Concen: 43.85 ng
RT: 7.06 min Scan# 744
Delta R.T. 0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.8	59.7	99.7
95	32.2	13.2	53.2

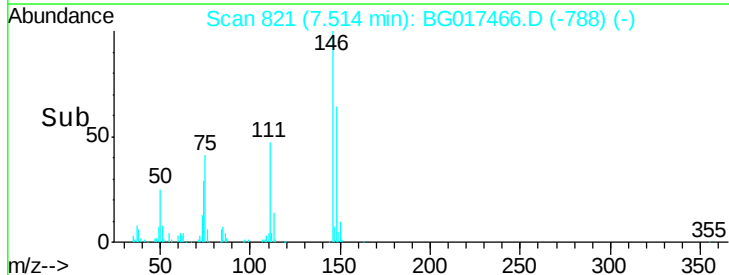
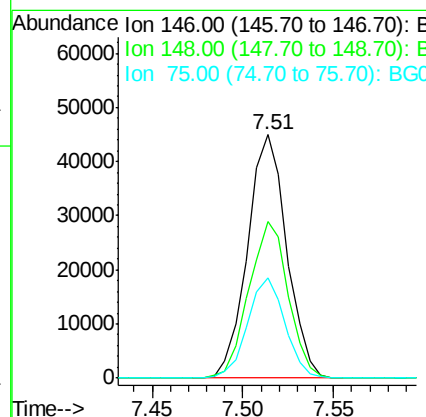
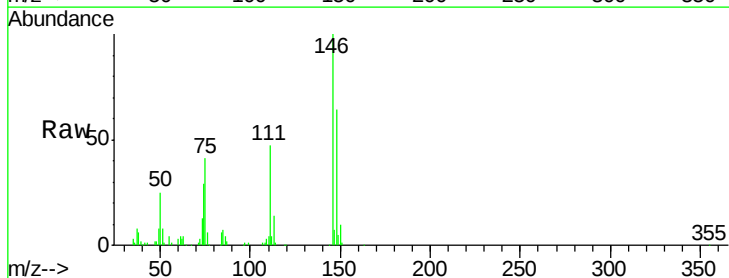
Manual Integrations
APPROVED

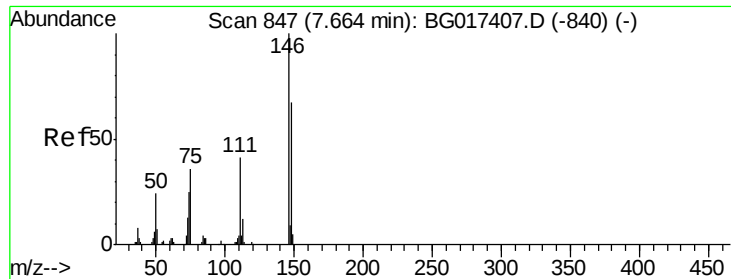
apatel
6/5/2015 5:15:30 PM



#12
1,3-Dichlorobenzene
Concen: 41.48 ng
RT: 7.51 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	55.2	82.8
75	41.3	34.1	51.1





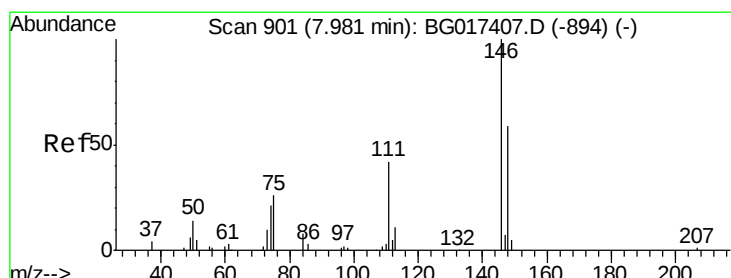
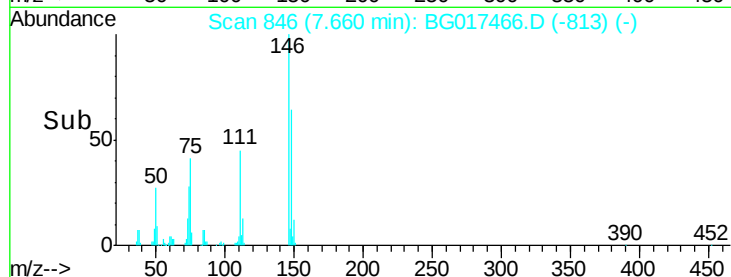
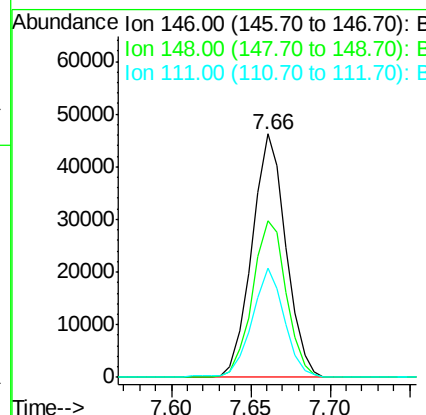
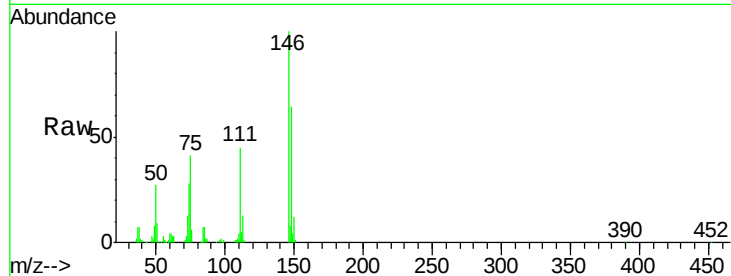
#13
1,4-Dichlorobenzene
Concen: 40.37 ng
RT: 7.66 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.2	79.8
111	44.8	33.2	49.8

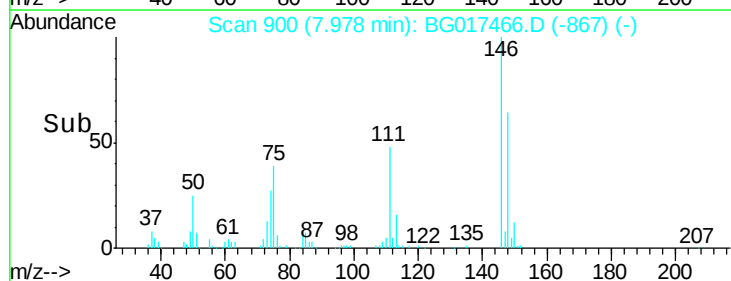
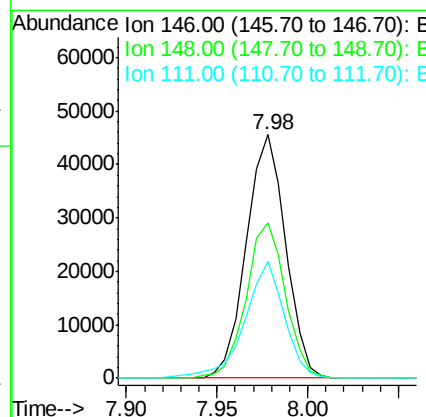
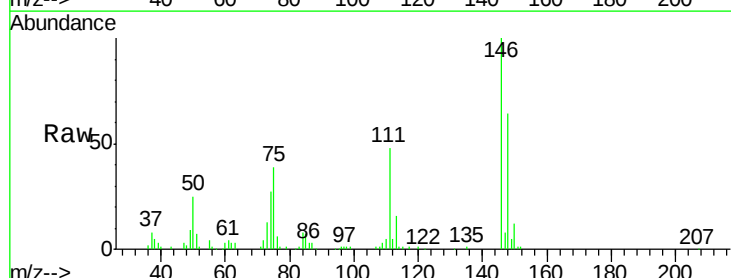
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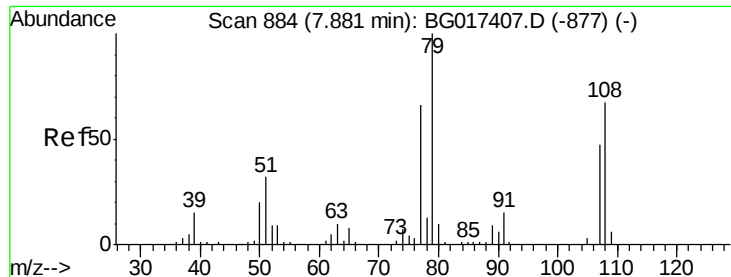
apatel
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#14
1,2-Dichlorobenzene
Concen: 43.03 ng
RT: 7.98 min Scan# 900
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	46.9	70.3
111	47.9	35.0	52.4





#15

Benzyl Alcohol

Concen: 45.08 ng

RT: 7.88 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Instrument :

BNA_G

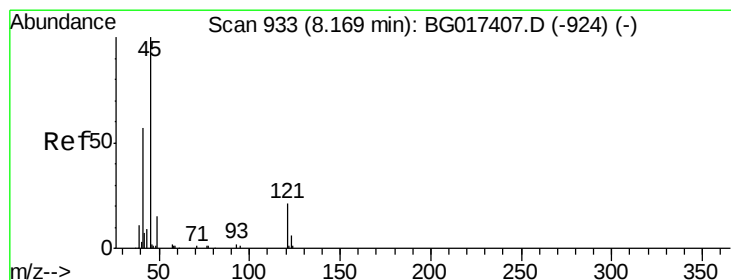
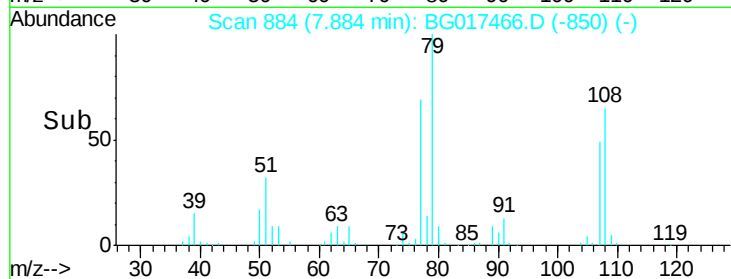
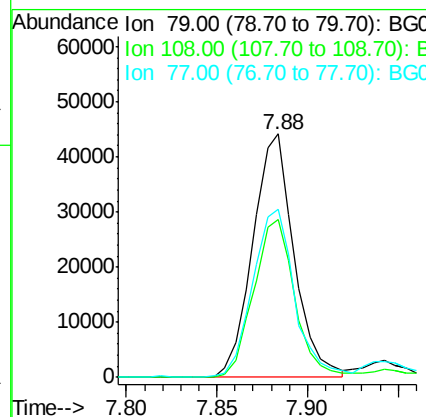
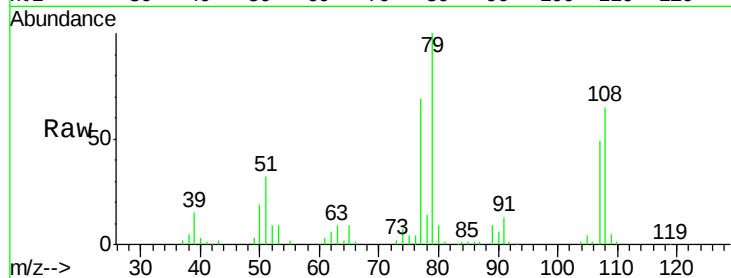
ClientSampleId :

AVE-E-C12.3(5)MS

Tot Ion:	79	Resp:	70180
Ion Ratio	Lower	Upper	
79	100		
108	64.8	53.7	80.5
77	68.9	53.0	79.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.04 ng

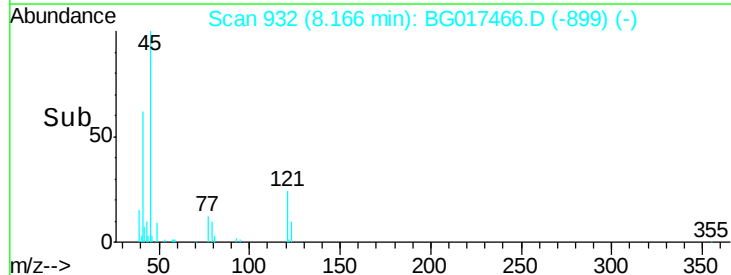
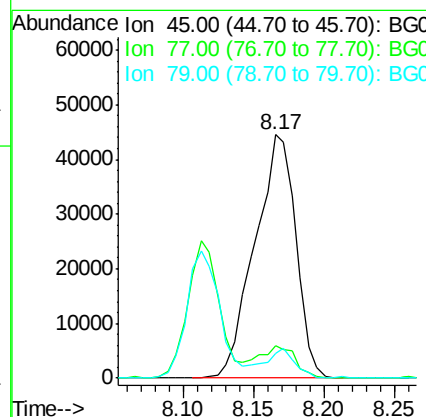
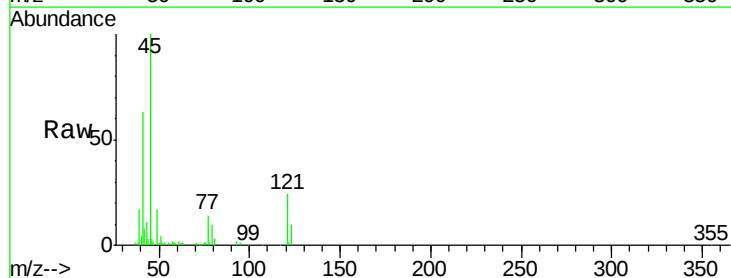
RT: 8.17 min Scan# 932

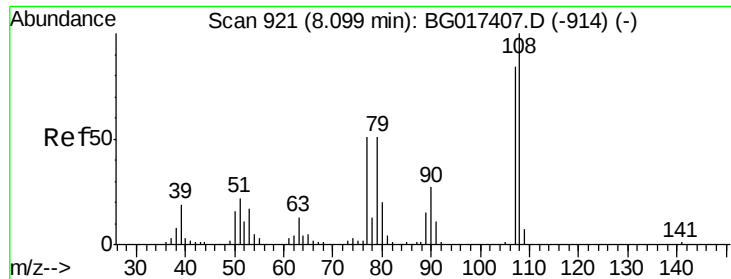
Delta R.T. -0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Tgt Ion:	45	Resp:	90517
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	33.9
79	10.2	0.0	29.0





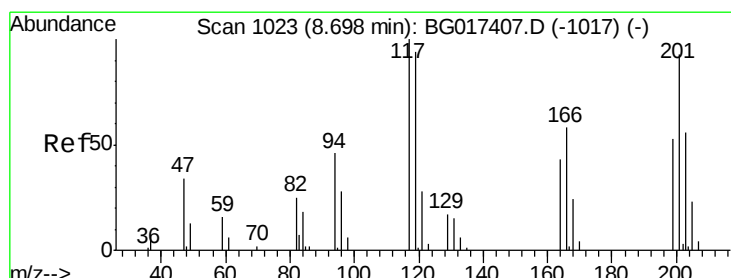
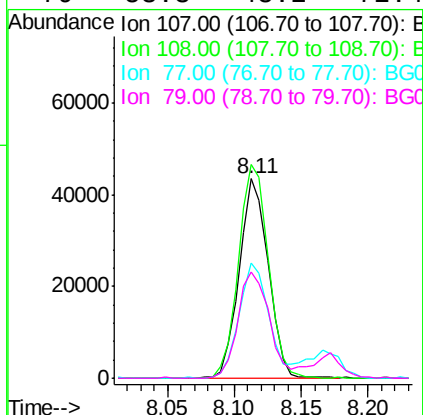
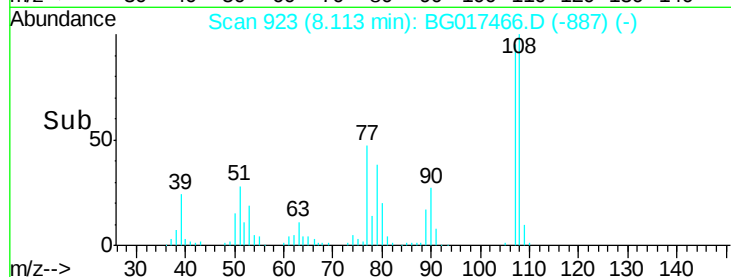
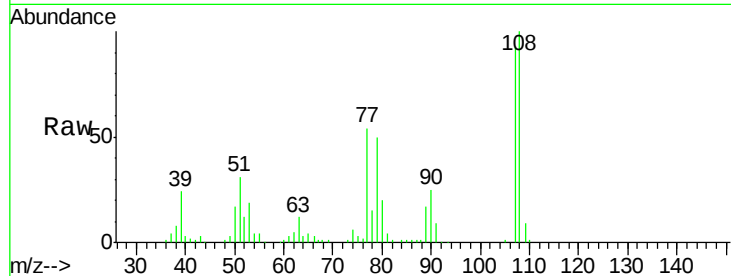
#17
2-Methylphenol
Concen: 50.17 ng
RT: 8.11 min Scan# 923
Delta R.T. 0.01 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.2	95.4	143.0
77	57.9	48.8	73.2
79	53.3	48.2	72.4

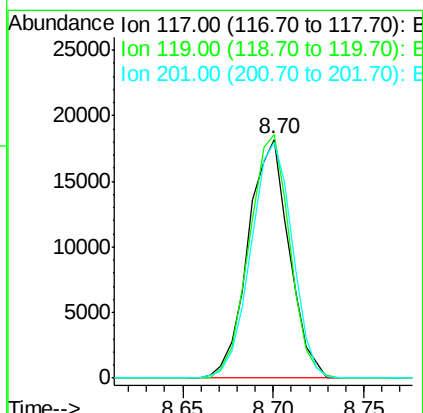
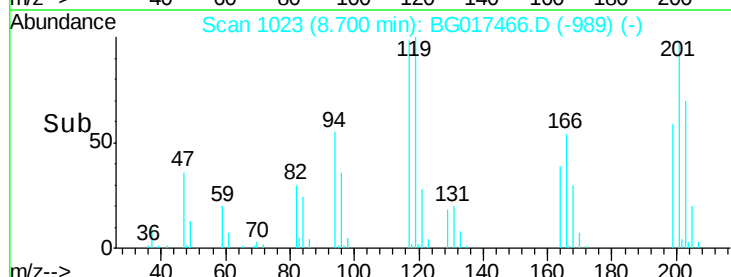
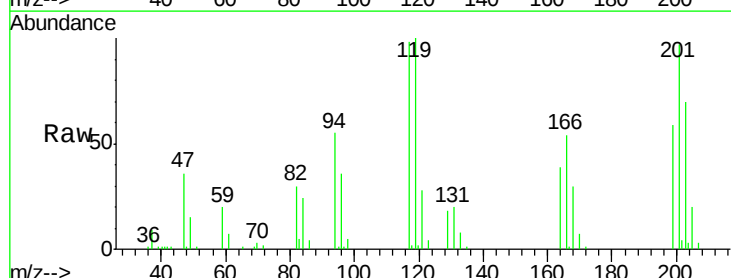
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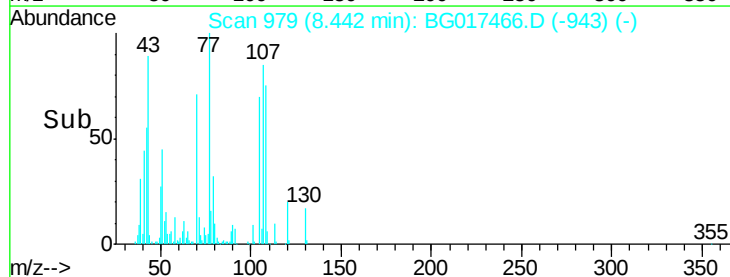
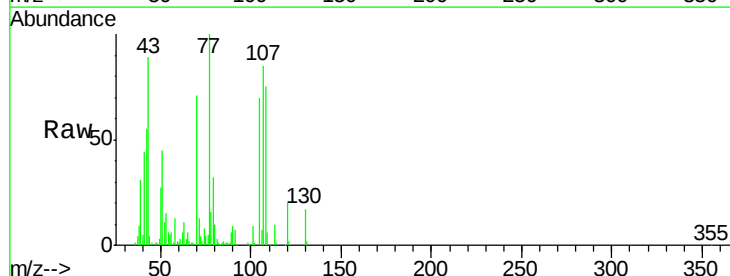
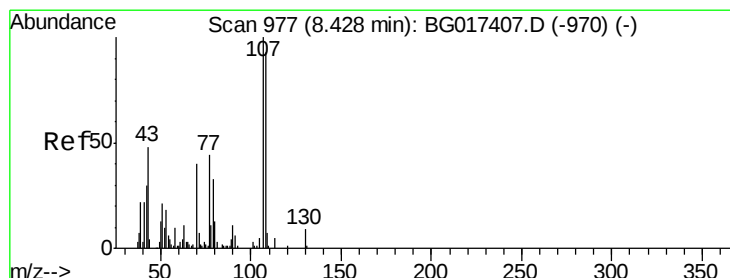
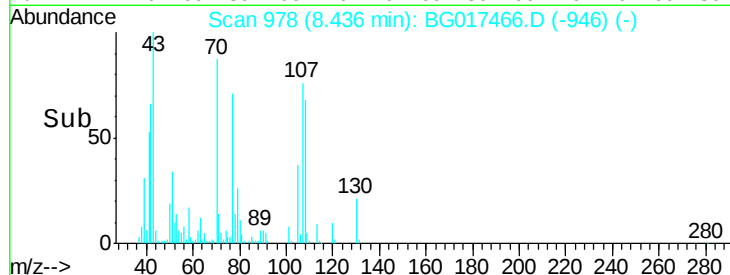
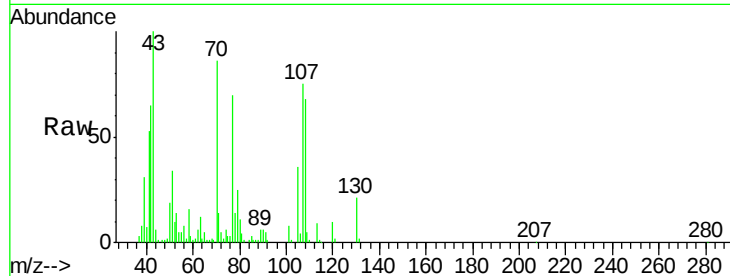
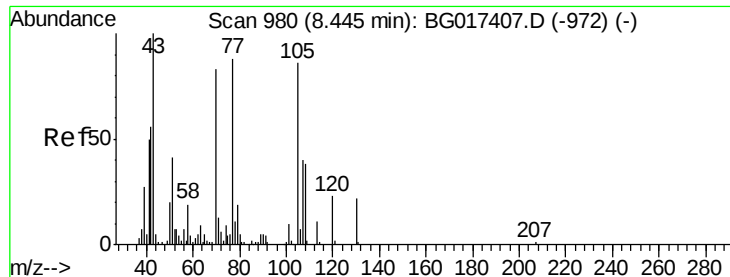
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6/5/2015 5:15:30 PM



#18
Hexachloroethane
Concen: 42.13 ng
RT: 8.70 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.9	75.0	112.4
201	98.9	74.2	111.2

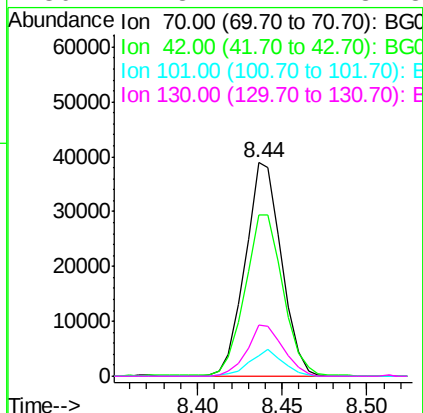




#19
n-Nitroso-di-n-propylamine
Concen: 40.92 ng
RT: 8.44 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	75.3	53.8	80.8	
101	9.6	9.5	14.3	
130	24.3	21.2	31.8	

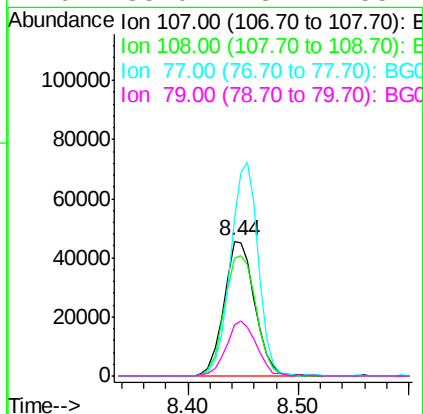


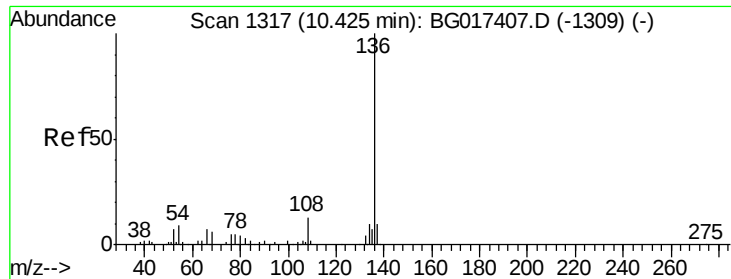
Manual Integrations
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#20
3+4-Methylphenols
Concen: 49.26 ng
RT: 8.44 min Scan# 979
Delta R.T. 0.01 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	73.0	113.0	
77	117.4	23.9	63.9	
79	38.0	13.4	53.4	





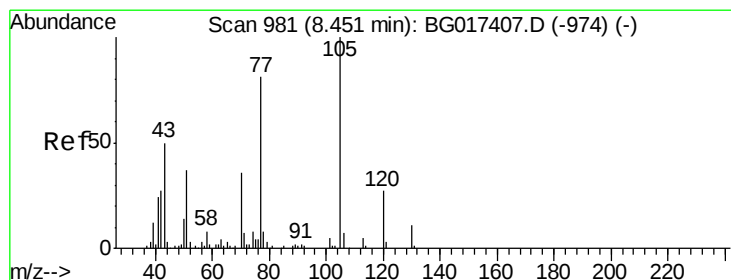
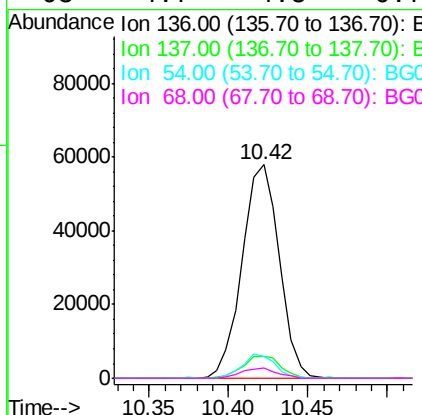
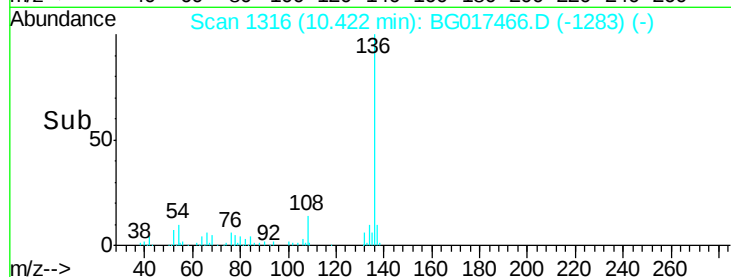
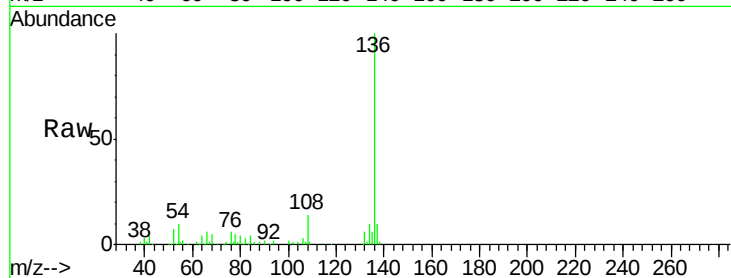
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	9.9	7.9	11.9	
54	10.4	7.2	10.8	
68	4.7	4.5	6.7	

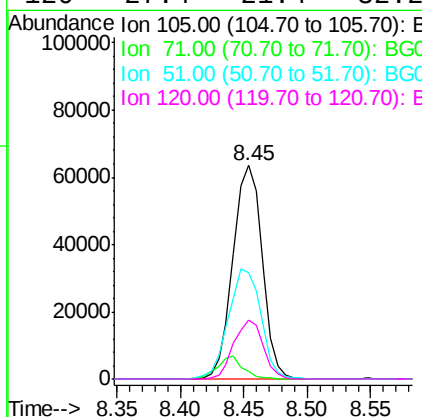
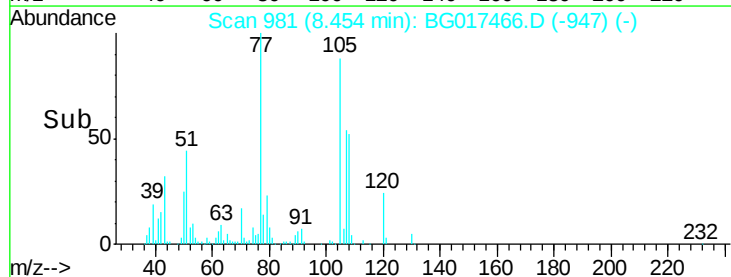
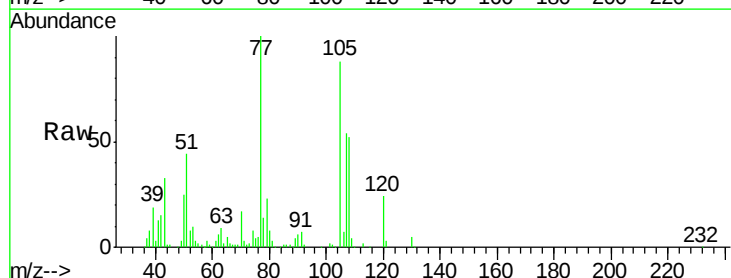
Manual Integrations
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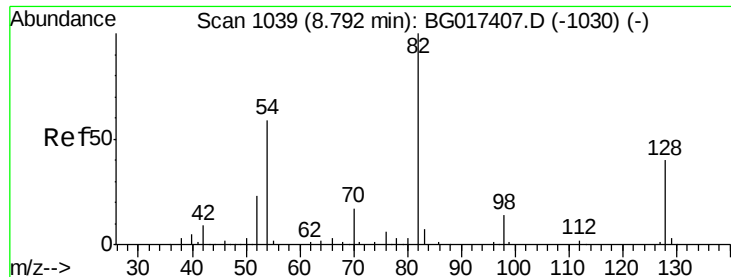
apatel
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#22
Acetophenone
Concen: 43.90 ng
RT: 8.45 min Scan# 981
Delta R.T. 0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.5	5.3	7.9#	
51	49.9	32.4	48.6#	
120	27.4	21.4	32.2	





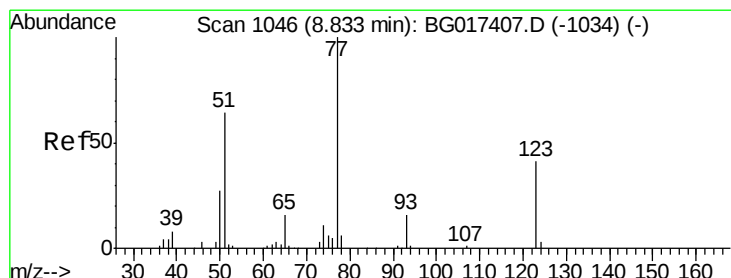
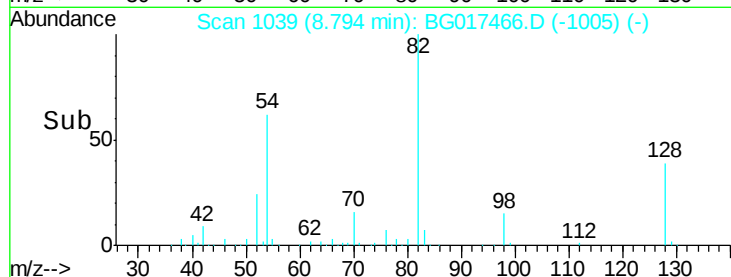
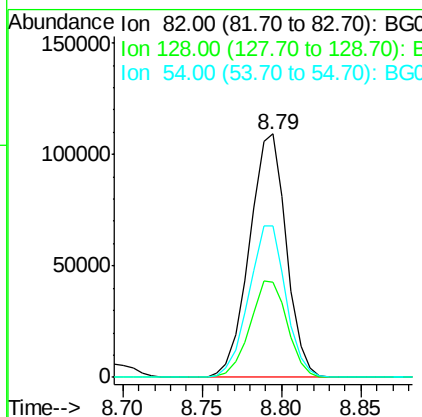
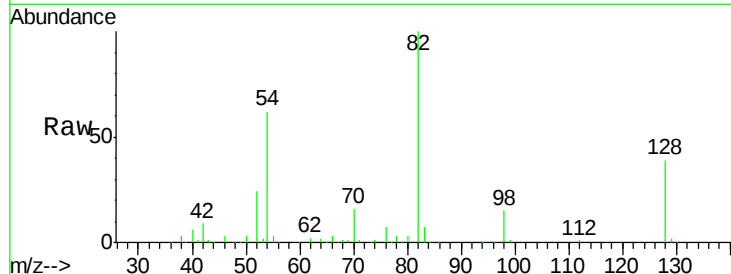
#23
Nitrobenzene-d5
Concen: 93.75 ng
RT: 8.79 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.1	32.2	48.4	
54	62.3	47.4	71.2	

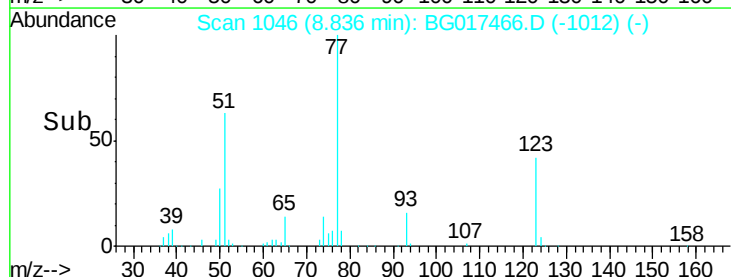
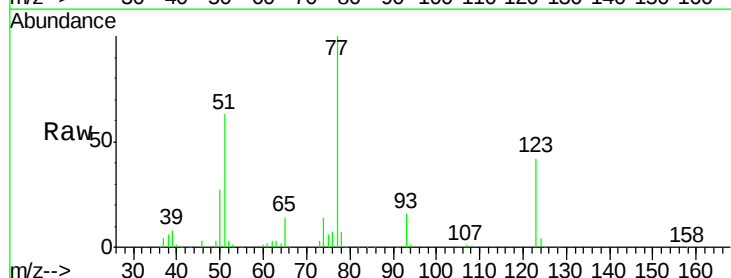
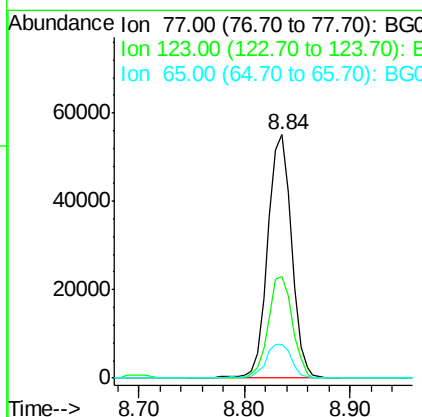
Manual Integrations
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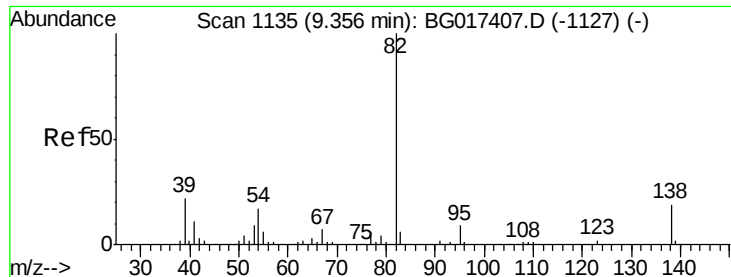
apatel
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#24
Nitrobenzene
Concen: 43.96 ng
RT: 8.84 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.8	32.6	49.0	
65	13.9	12.8	19.2	





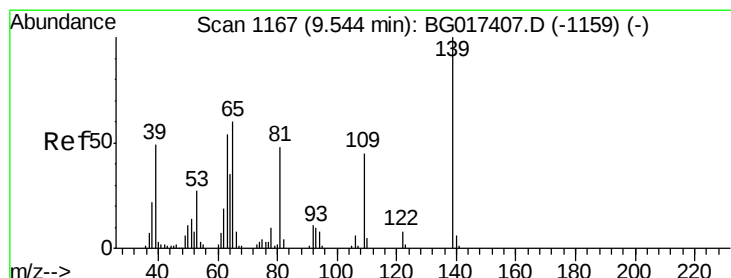
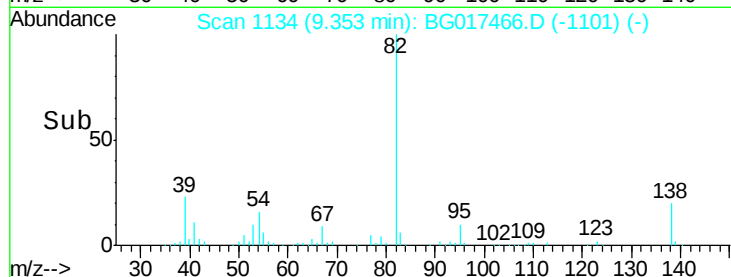
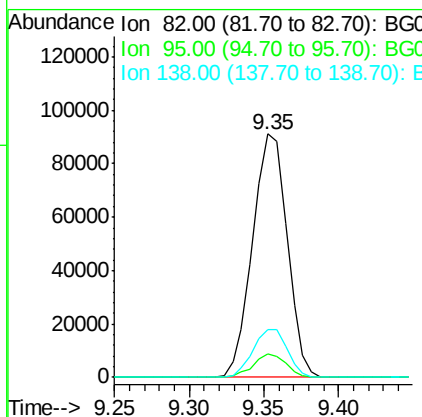
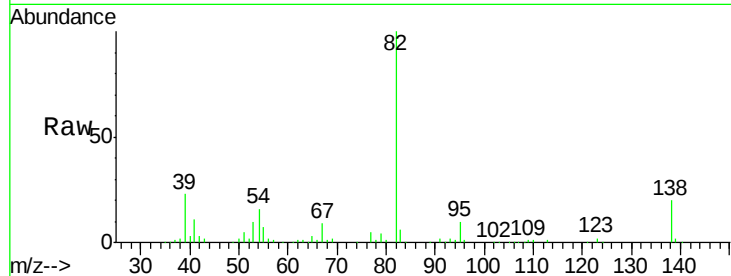
#25
Isophorone
Concen: 37.04 ng
RT: 9.35 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.8	7.1	10.7	
138	19.8	15.5	23.3	

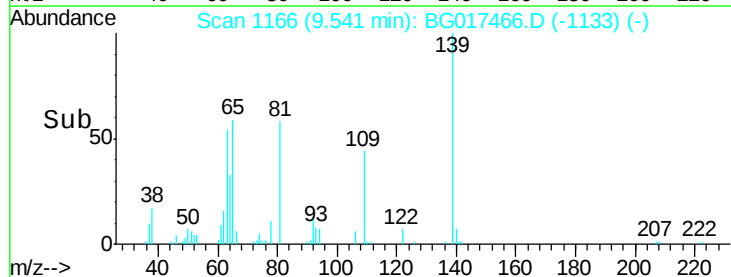
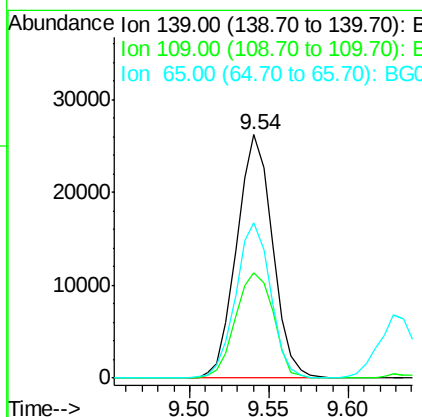
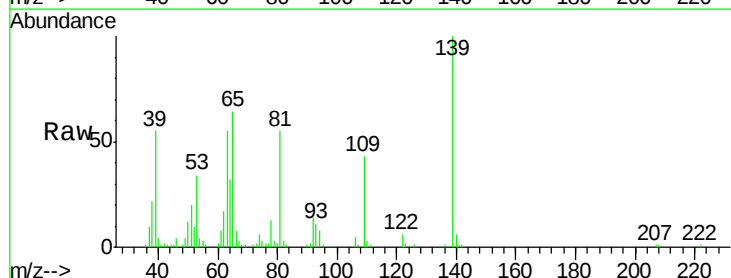
Manual Integrations
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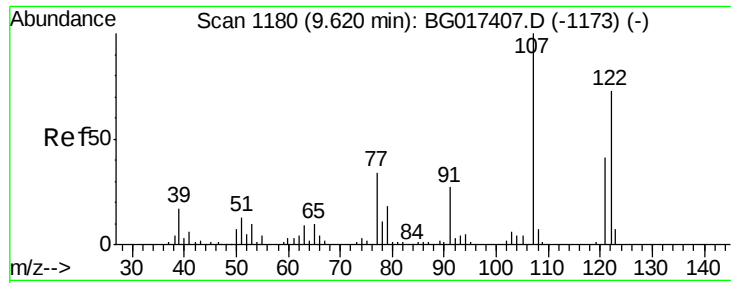
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#26
2-Nitrophenol
Concen: 45.21 ng
RT: 9.54 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	43.3	35.7	53.5	
65	63.8	48.3	72.5	





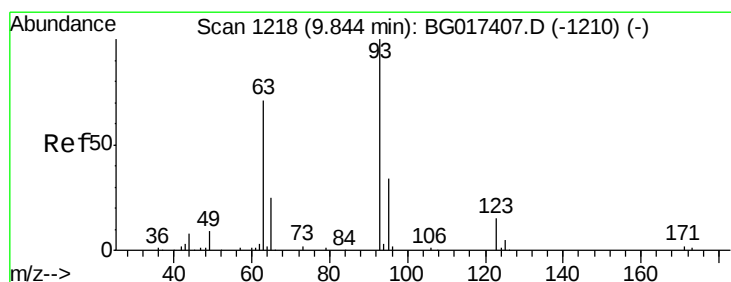
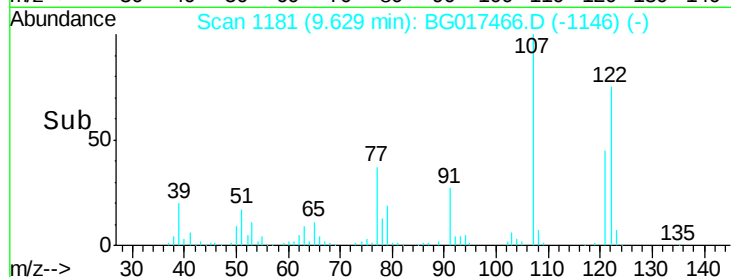
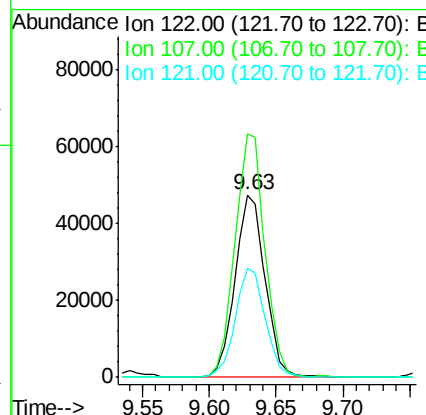
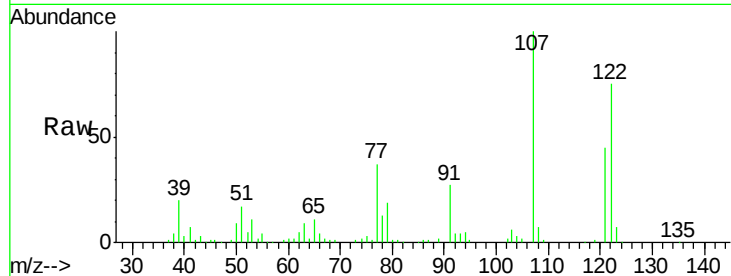
#27
 2,4-Dimethylphenol
 Concen: 50.24 ng
 RT: 9.63 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BG017466.D
 Acq: 5 Jun 2015 7:42

Instrument :
 BNA_G
 ClientSampleId :
 AVE-E-C12.3(5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	133.6	109.2	163.8		
121	59.8	44.3	66.5		

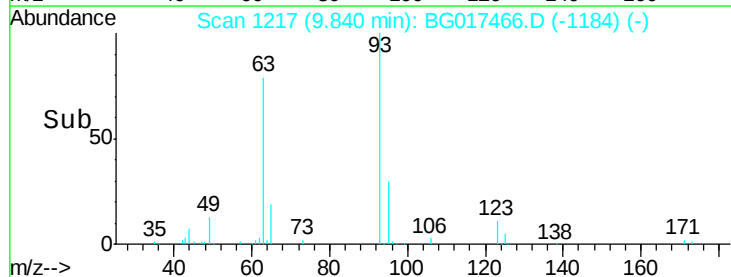
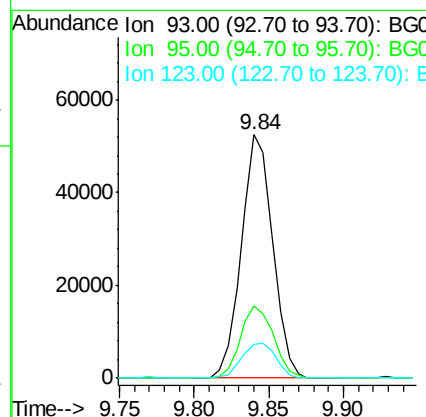
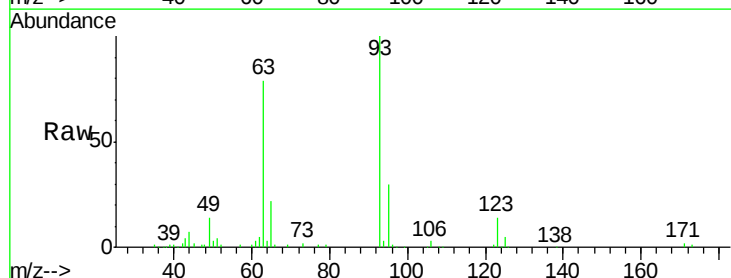
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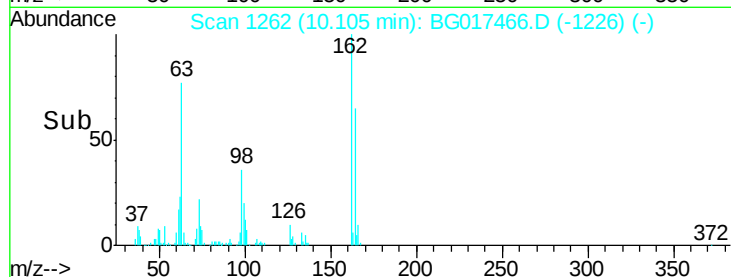
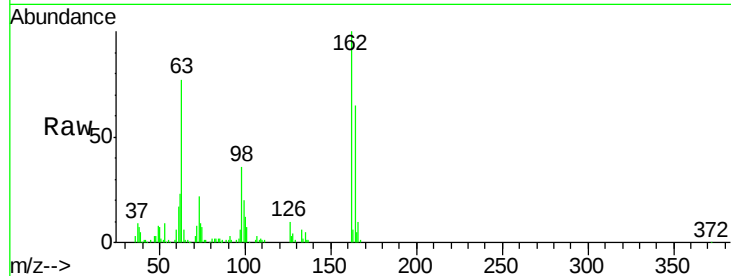
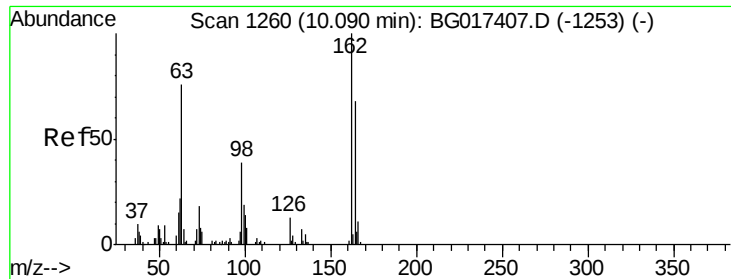
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.41 ng
 RT: 9.84 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BG017466.D
 Acq: 5 Jun 2015 7:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	29.8	27.0	40.6		
123	13.9	12.5	18.7		





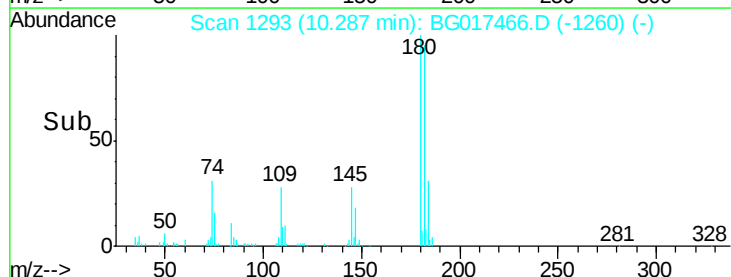
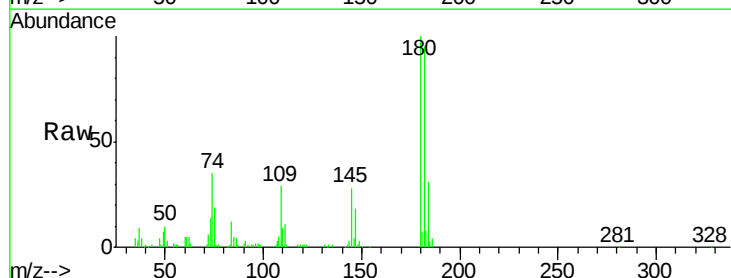
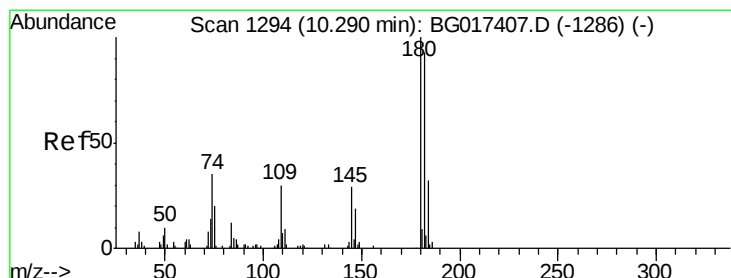
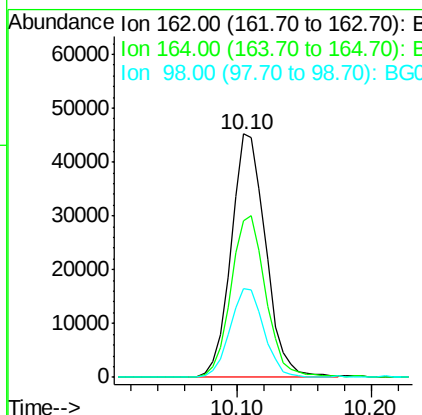
#29
2,4-Dichlorophenol
Concen: 56.46 ng
RT: 10.10 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.5	48.0	88.0
98	36.5	18.9	58.9

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

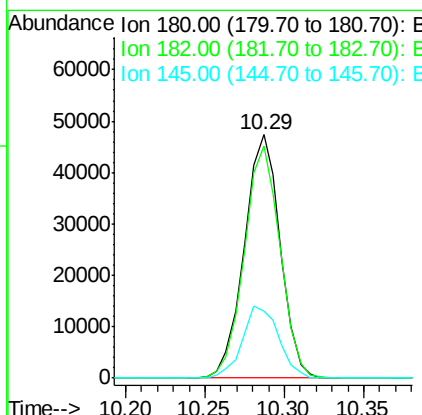
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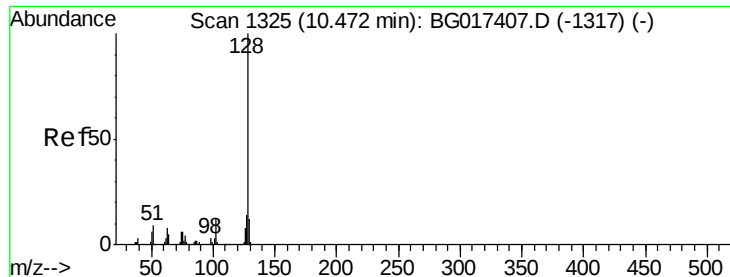
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#30
1,2,4-Trichlorobenzene
Concen: 43.95 ng
RT: 10.29 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.1	74.5	111.7
145	27.6	23.5	35.3





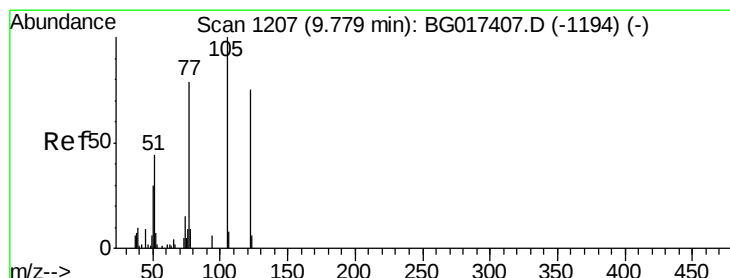
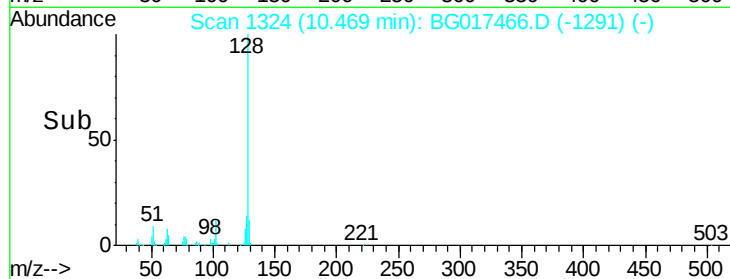
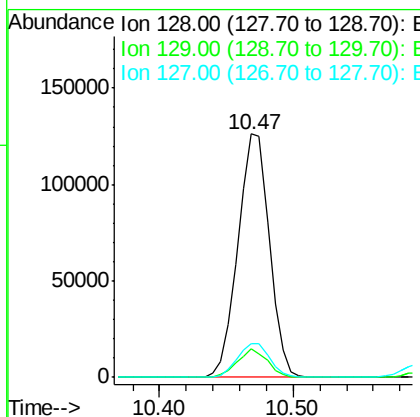
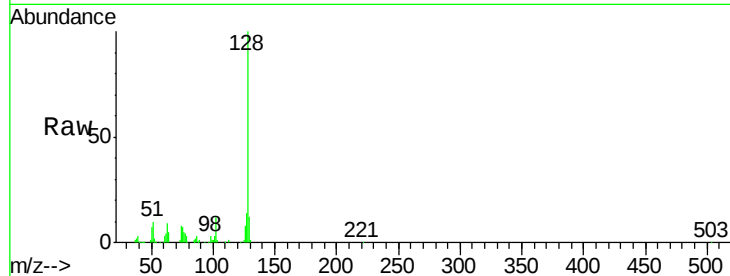
#31
Naphthalene
Concen: 41.76 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	9.2	13.8	
127	13.7	10.9	16.3	

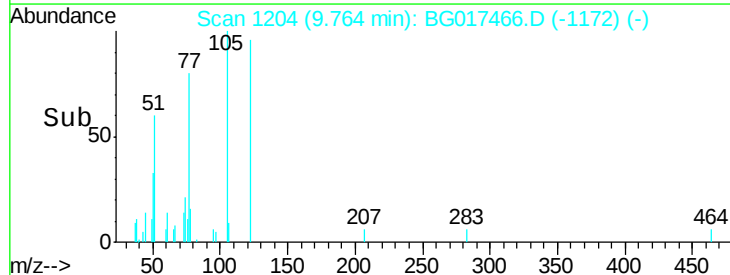
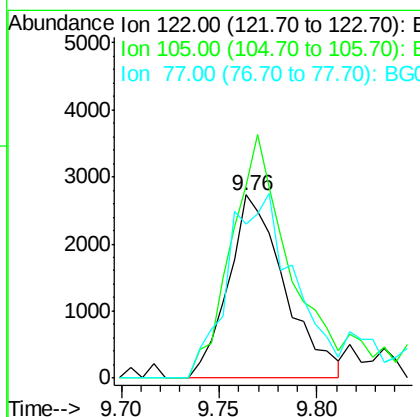
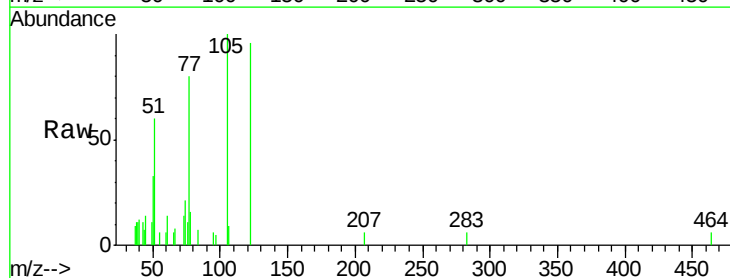
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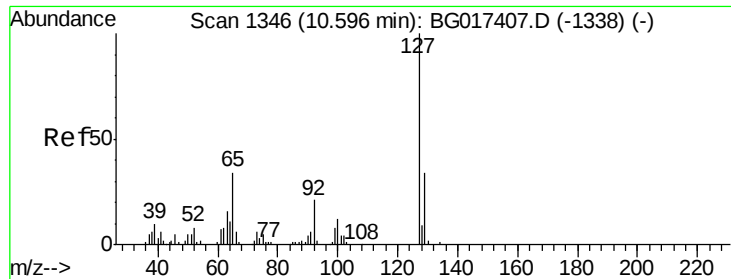
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#32
Benzoic acid
Concen: 5.85 ng
RT: 9.76 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	104.6	113.5	153.5#	
77	83.9	85.2	125.2#	





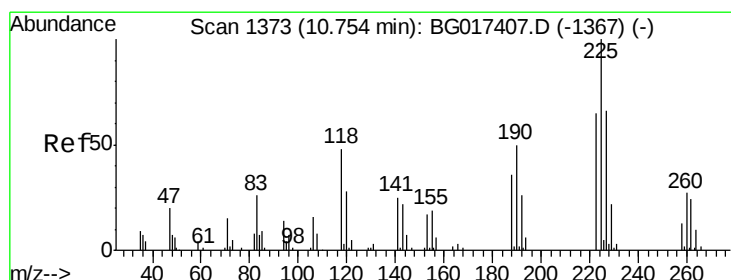
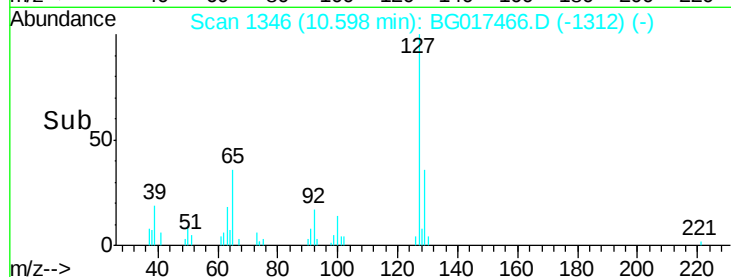
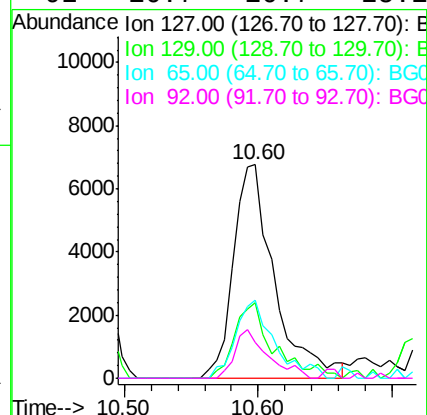
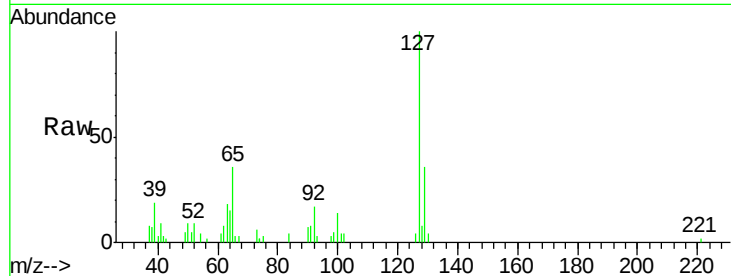
#33
4-Chloroaniline
Concen: 6.63 ng
RT: 10.60 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.6	27.1	40.7		
65	36.4	27.6	41.4		
92	16.7	16.7	25.1#		

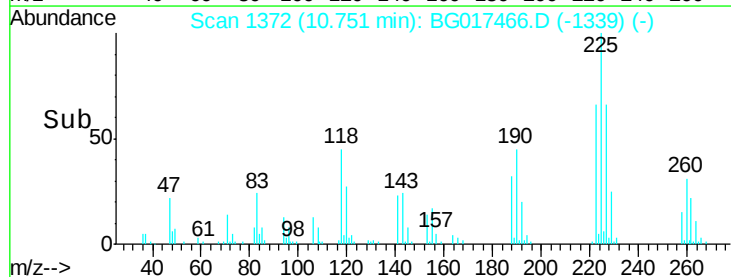
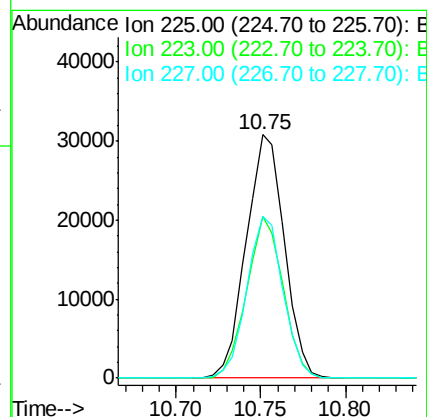
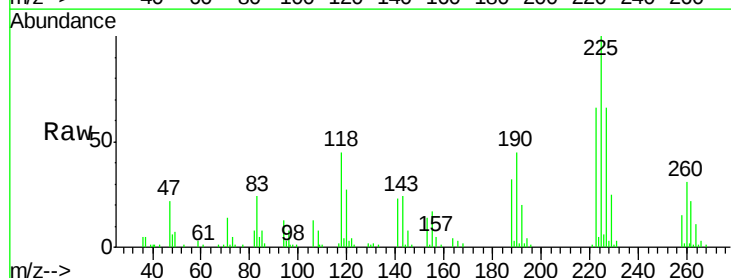
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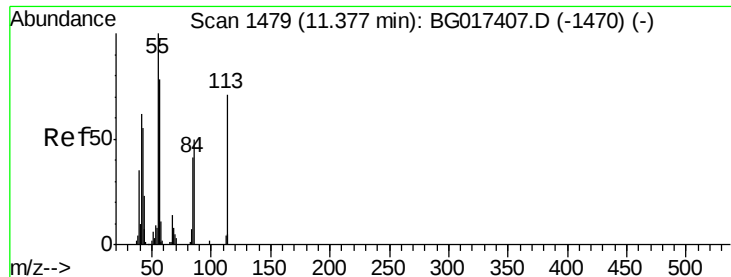
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#34
Hexachlorobutadiene
Concen: 43.93 ng
RT: 10.75 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.4	52.2	78.2		
227	66.3	52.6	78.8		





#35

Caprolactam

Concen: 39.74 ng/mL

RT: 11.38 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Instrument :

BNA_G

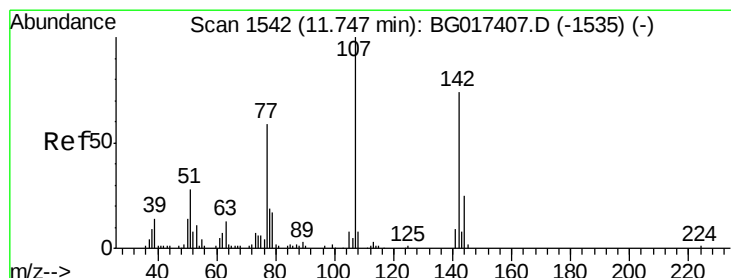
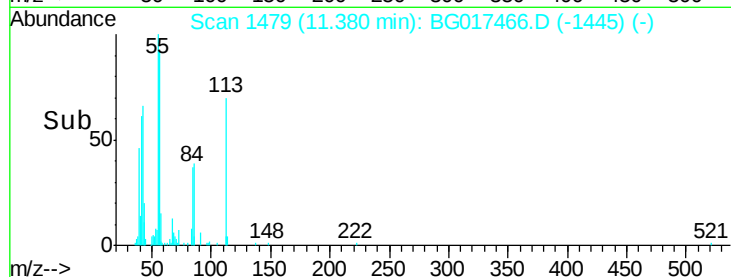
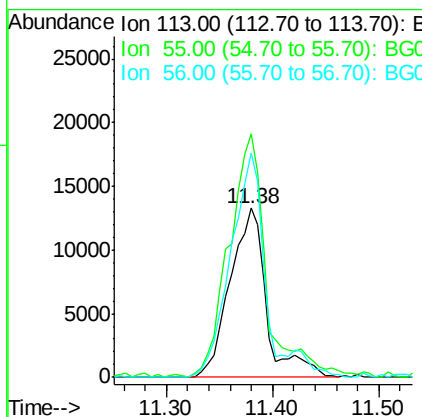
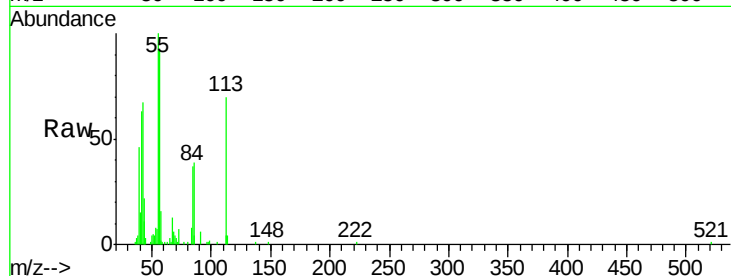
ClientSampleId :

AVE-E-C12.3(5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	143.9		121.6	161.6	
56	132.5		89.8	129.8	

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#36

4-Chloro-3-methylphenol

Concen: 50.37 ng/mL

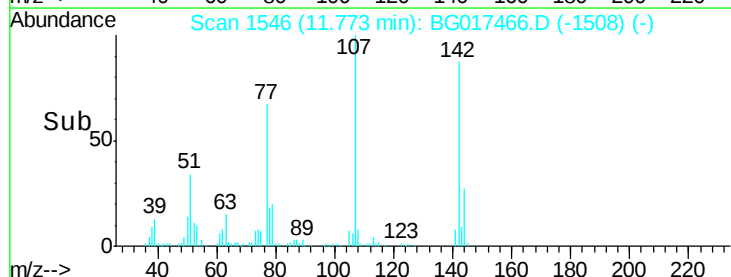
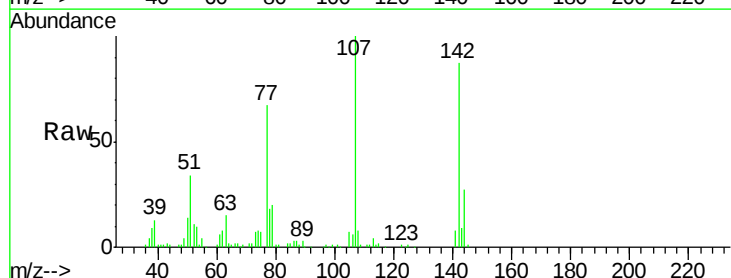
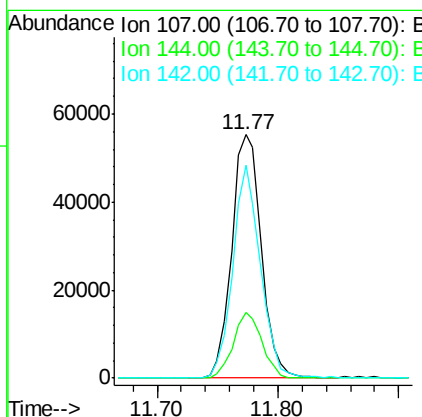
RT: 11.77 min Scan# 1546

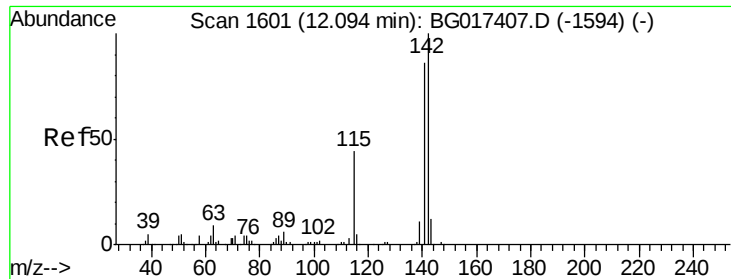
Delta R.T. 0.03 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.2		19.8	29.8	
142	87.2		59.0	88.4	





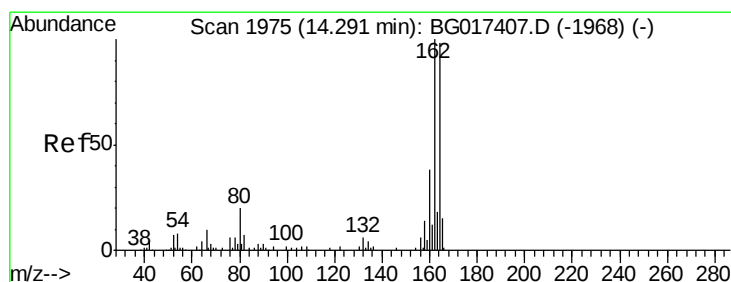
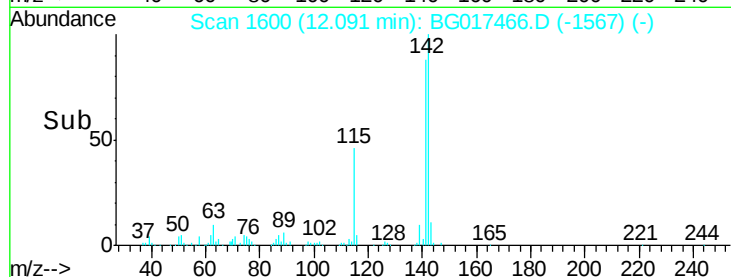
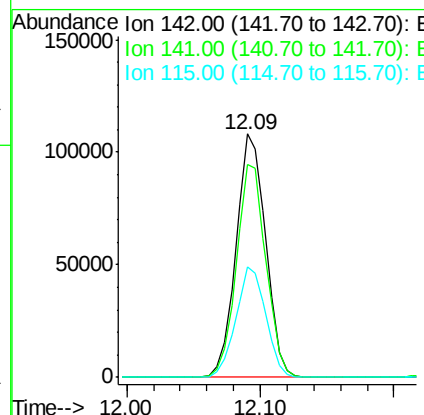
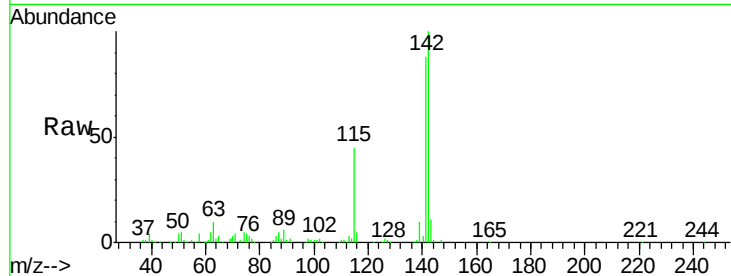
#37
2-Methylnaphthalene
Concen: 43.95 ng
RT: 12.09 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	166334		
141	87.7	68.6	102.8	
115	45.5	35.3	52.9	

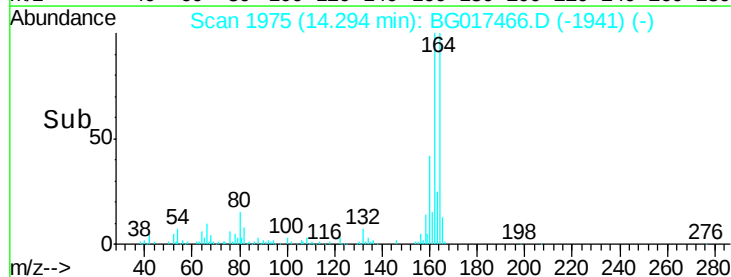
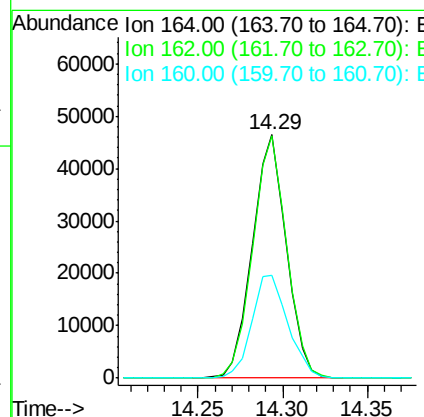
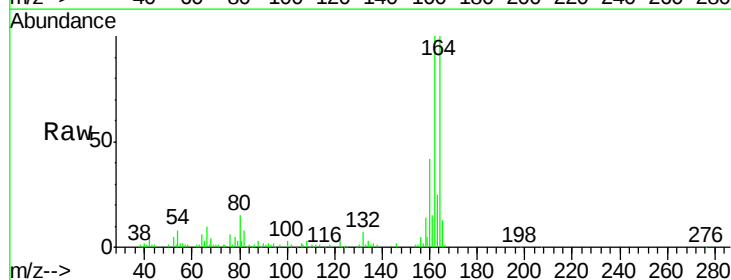
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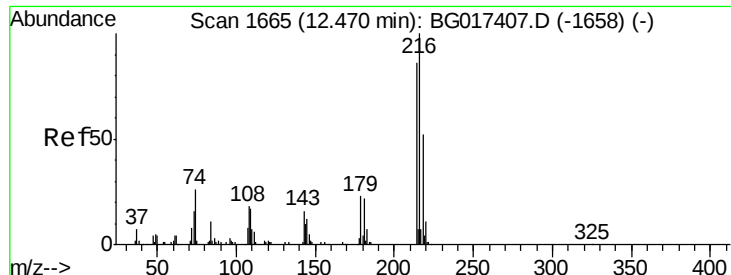
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	64954		
162	99.6	81.8	122.6	
160	42.4	31.0	46.4	





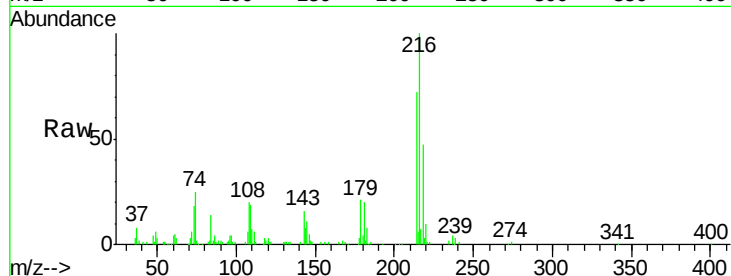
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.67 ng
 RT: 12.47 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: BG017466.D
 Acq: 5 Jun 2015 7:42

Instrument :
 BNA_G
 ClientSampleId :
 AVE-E-C12.3(5)MS

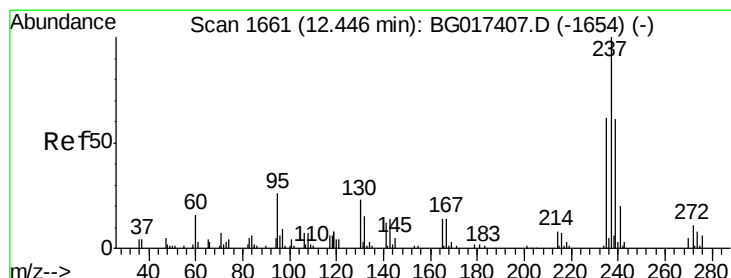
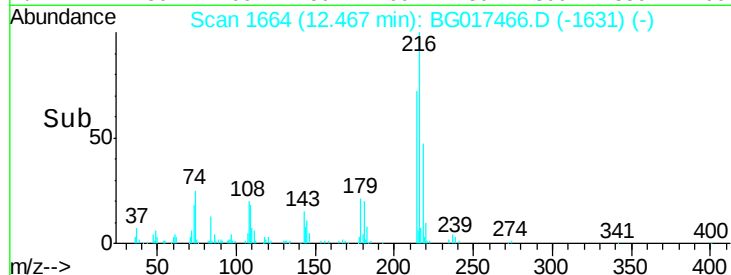
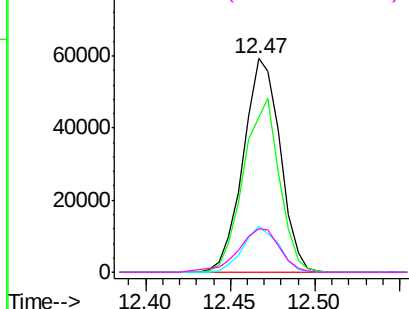
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.0		66.5	99.7	
179	20.6		17.3	25.9	
108	22.9		18.5	27.7	

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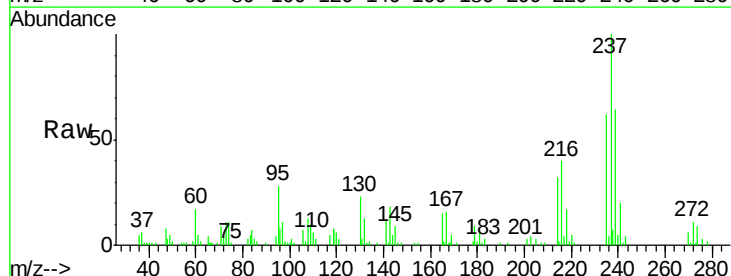


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

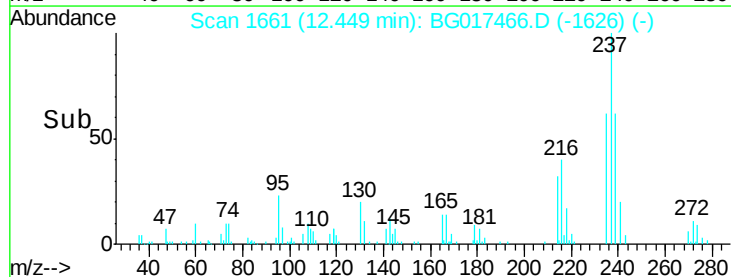
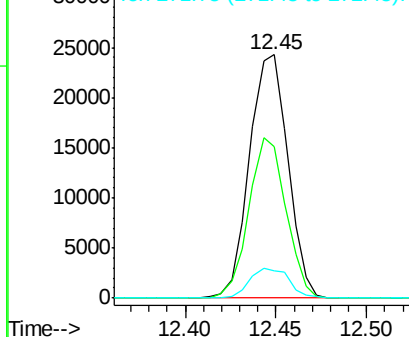


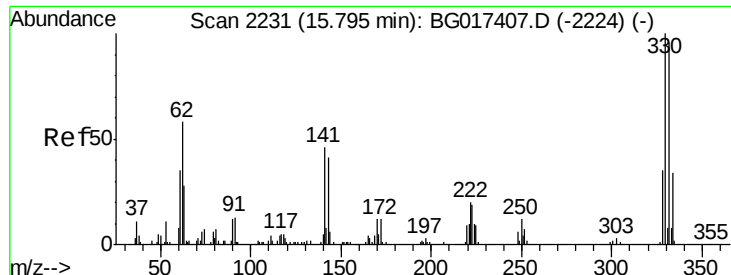
#40
 Hexachlorocyclopentadiene
 Concen: 34.90 ng
 RT: 12.45 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BG017466.D
 Acq: 5 Jun 2015 7:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.0		42.3	82.3	
272	11.4		0.0	31.2	



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





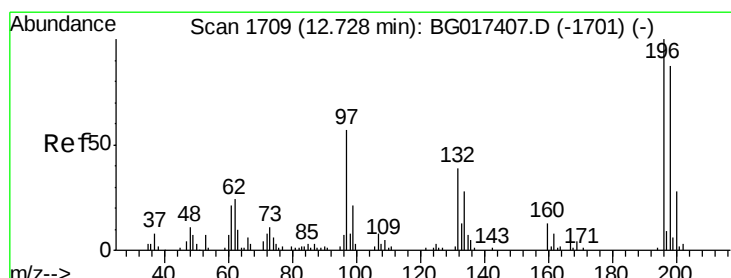
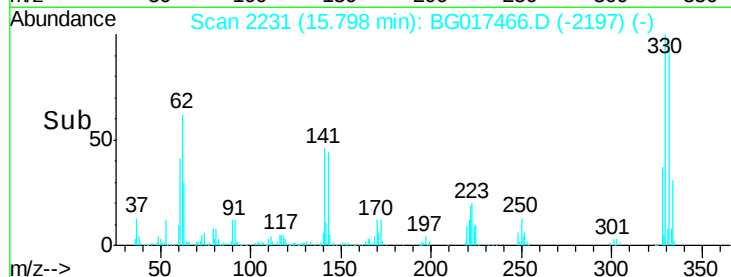
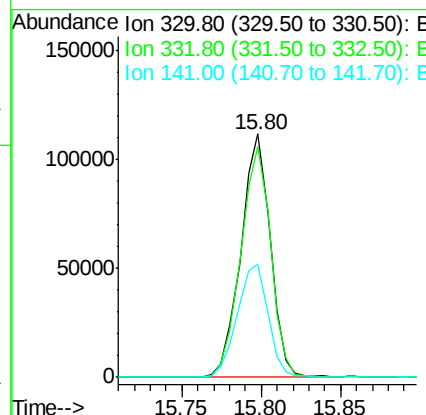
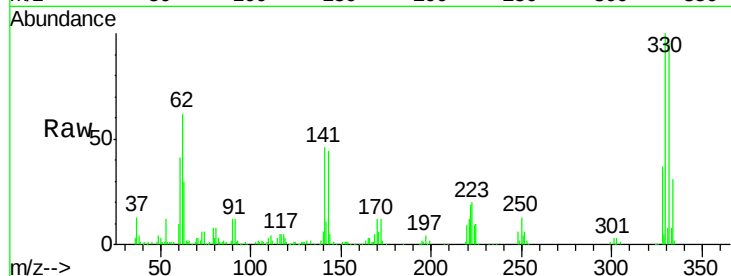
#41
 2,4,6-Tribromophenol
 Concen: 159.34 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. 0.00 min
 Lab File: BG017466.D
 Acq: 5 Jun 2015 7:42

Instrument :
 BNA_G
 ClientSampleId :
 AVE-E-C12.3(5)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	143753		
332	96.3	75.9	113.9	
141	48.8	40.2	60.4	

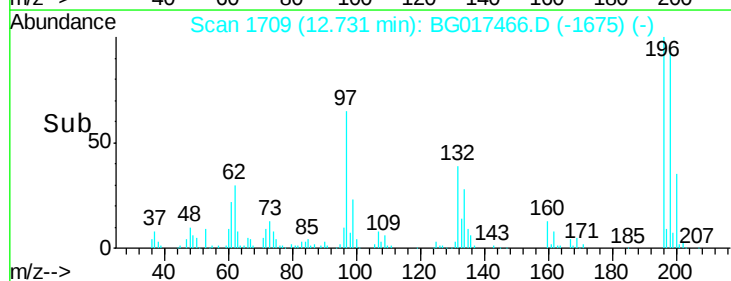
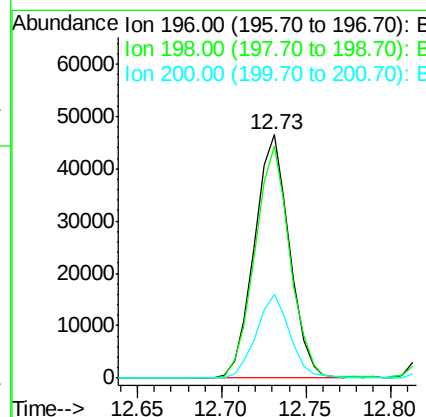
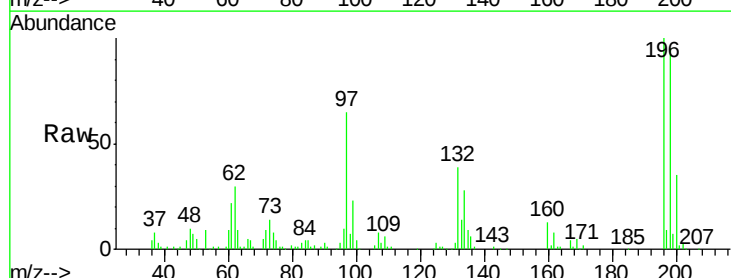
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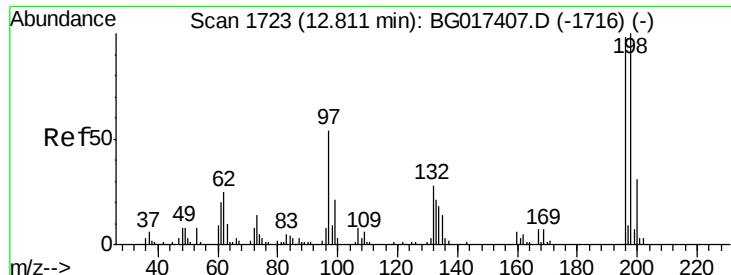
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#42
 2,4,6-Trichlorophenol
 Concen: 47.40 ng m
 RT: 12.73 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG017466.D
 Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	67084		
198	95.1	69.9	104.9	
200	34.5	22.7	34.1#	





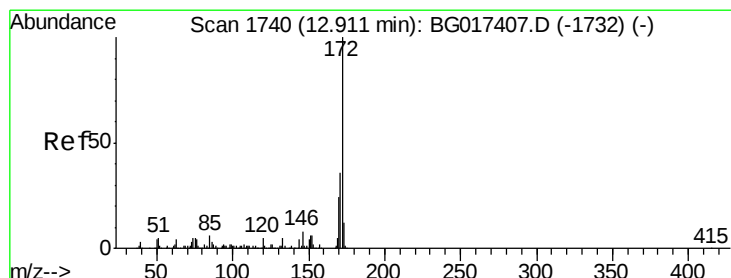
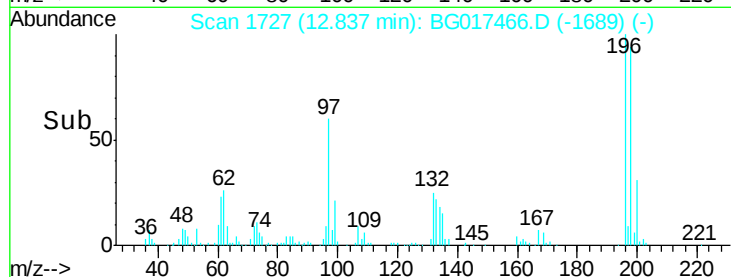
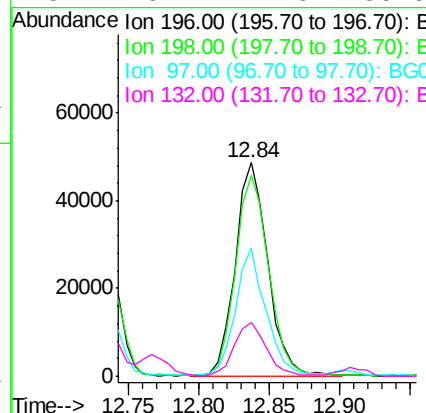
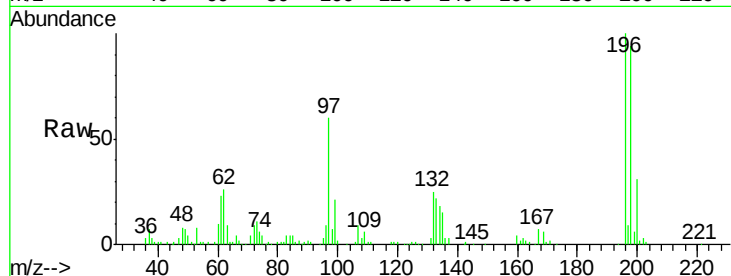
#43
2,4,5-Trichlorophenol
Concen: 50.61 ng
RT: 12.84 min Scan# 1727
Delta R.T. 0.03 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.3	80.6	121.0	
97	59.8	43.2	64.8	
132	25.1	22.3	33.5	

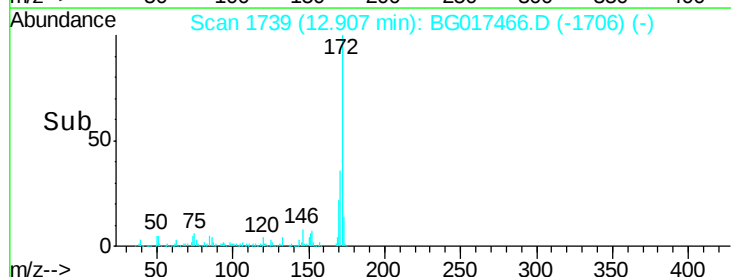
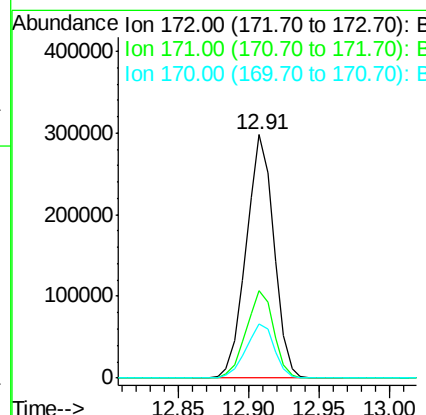
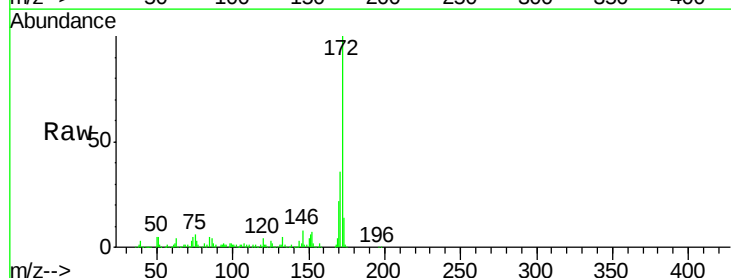
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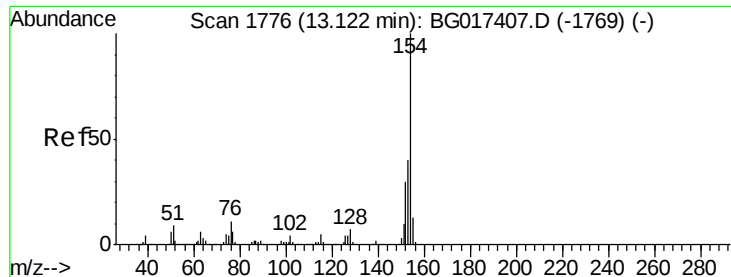
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#44
2-Fluorobiphenyl
Concen: 94.85 ng
RT: 12.91 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7	29.0	43.6	
170	22.3	18.9	28.3	





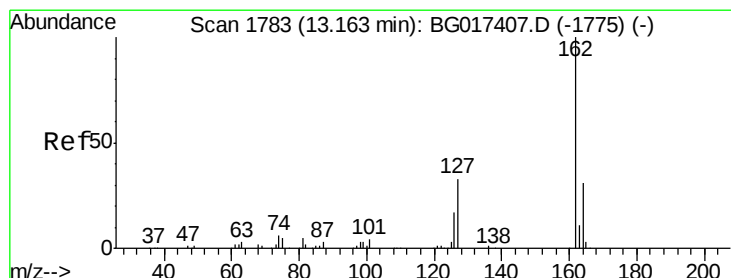
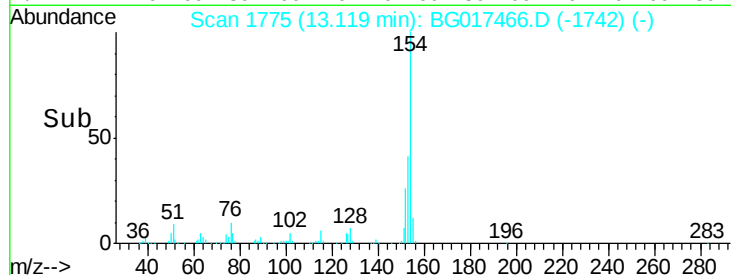
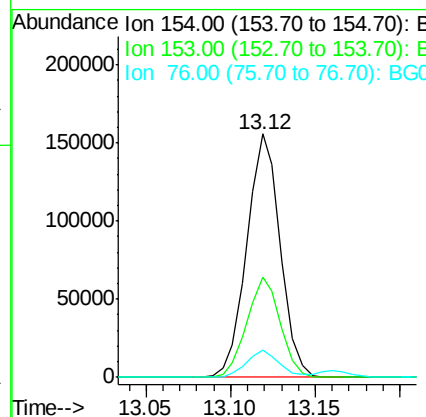
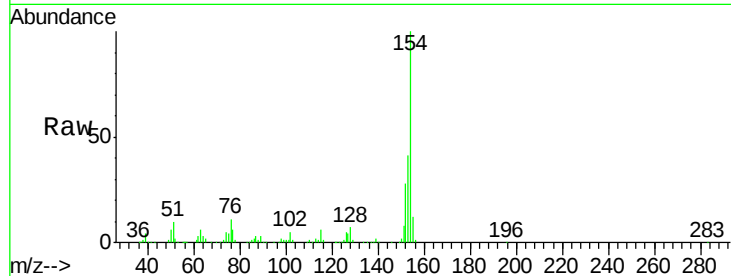
#45
1,1'-Biphenyl
Concen: 44.94 ng
RT: 13.12 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.0	20.1	60.1
76	11.0	0.0	31.5

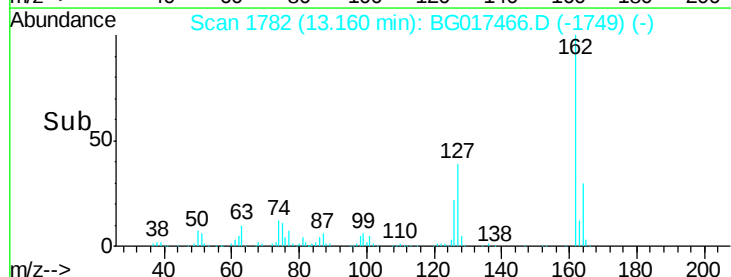
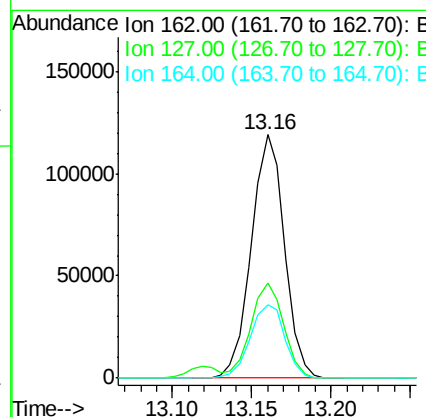
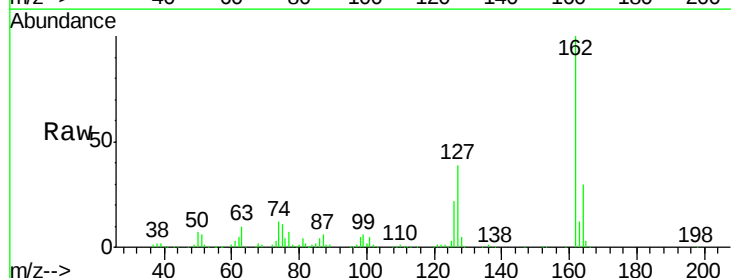
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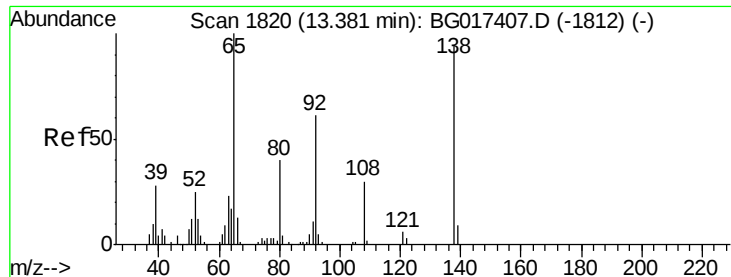
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#46
2-Chloronaphthalene
Concen: 43.58 ng
RT: 13.16 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	39.2	29.4	44.2
164	30.0	24.9	37.3





#47

2-Nitroaniline

Concen: 45.16 ng

RT: 13.38 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Instrument :

BNA_G

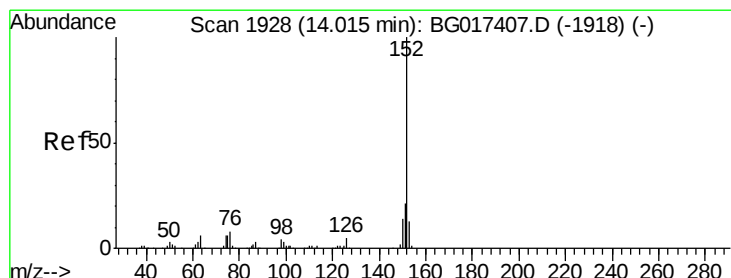
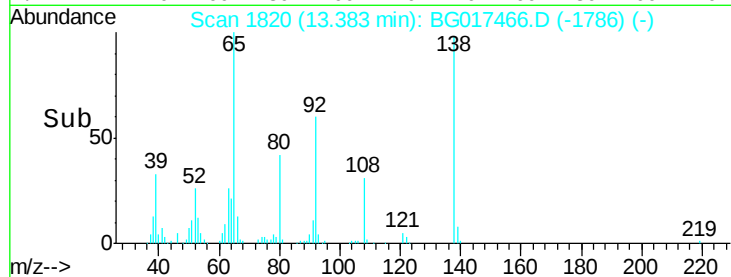
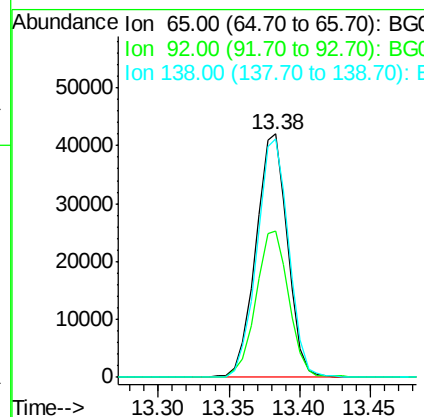
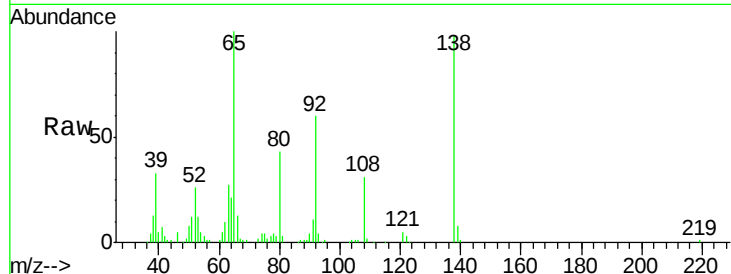
ClientSampleId :

AVE-E-C12.3(5)MS

Tot Ion:	65	Resp:	66194
Ion Ratio	Lower	Upper	
65	100		
92	59.9	49.1	73.7
138	97.9	75.4	113.0

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#48

Acenaphthylene

Concen: 40.66 ng

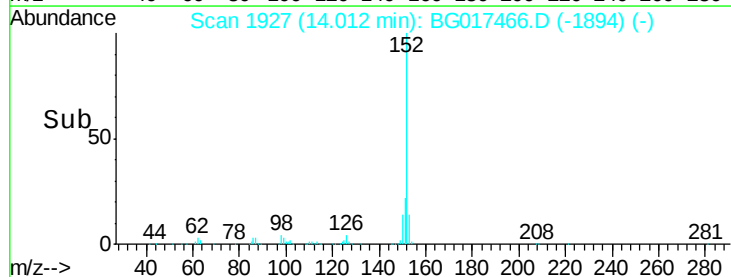
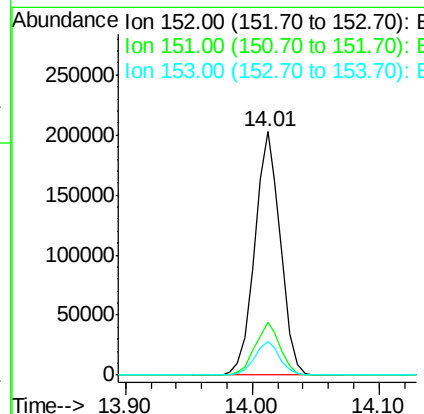
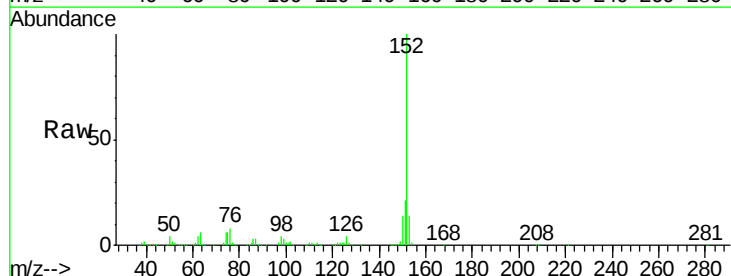
RT: 14.01 min Scan# 1927

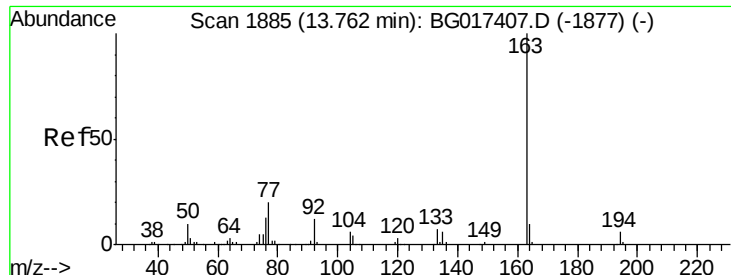
Delta R.T. -0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Tgt Ion:	152	Resp:	284332
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.5	24.7
153	13.6	10.7	16.1





#49

Dimethylphthalate

Concen: 45.04 ng

RT: 13.76 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Instrument :

BNA_G

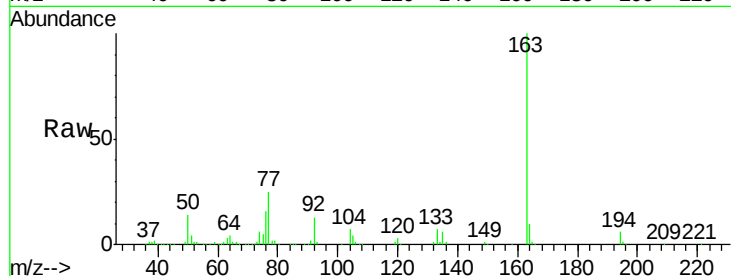
ClientSampleId :

AVE-E-C12.3(5)MS

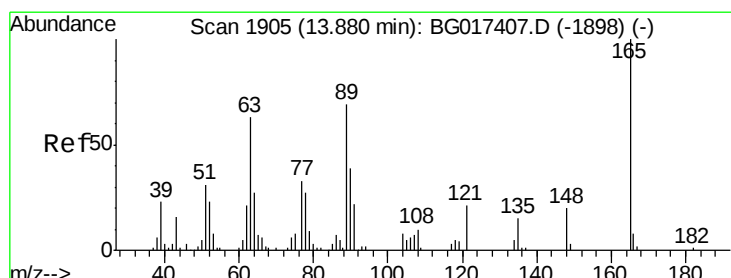
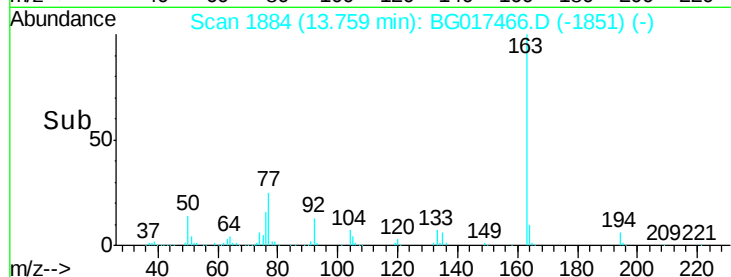
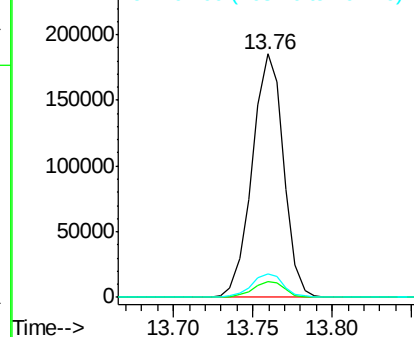
Tot Ion:	163	Resp:	254652
Ion Ratio	Lower	Upper	
163	100		
194	6.3	4.9	7.3
164	9.7	8.2	12.2

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



#50

2,6-Dinitrotoluene

Concen: 41.10 ng

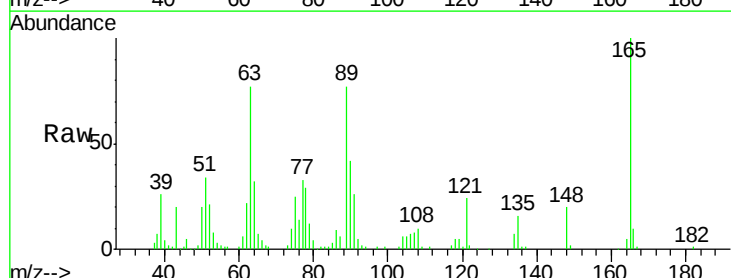
RT: 13.88 min Scan# 1905

Delta R.T. 0.00 min

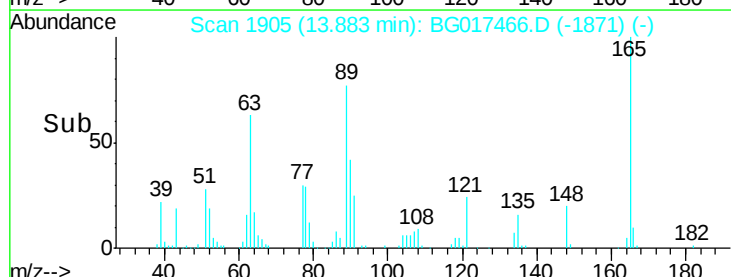
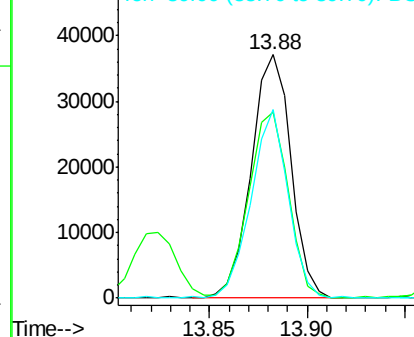
Lab File: BG017466.D

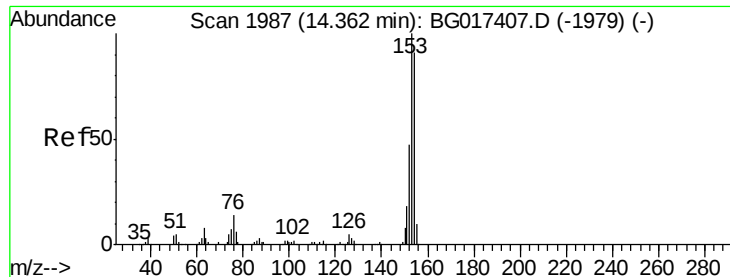
Acq: 5 Jun 2015 7:42

Tgt Ion:	165	Resp:	52213
Ion Ratio	Lower	Upper	
165	100		
63	76.5	53.7	80.5
89	77.4	55.4	83.2



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.92 ng

RT: 14.36 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Instrument :

BNA_G

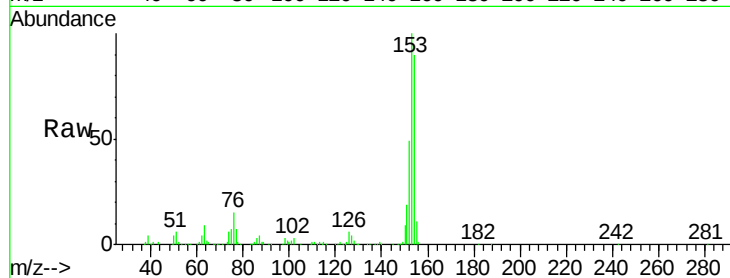
ClientSampleId :

AVE-E-C12.3(5)MS

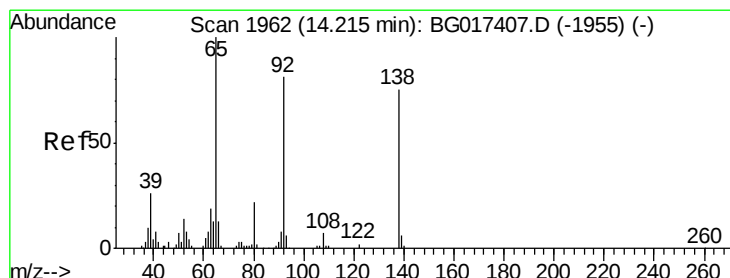
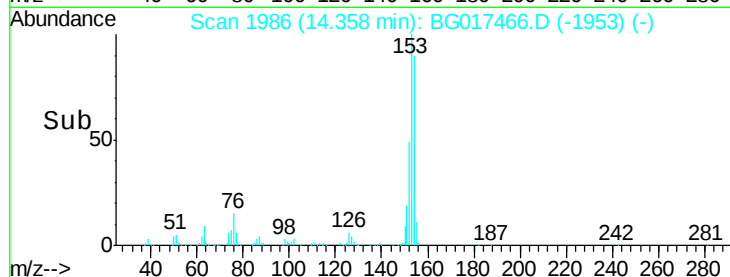
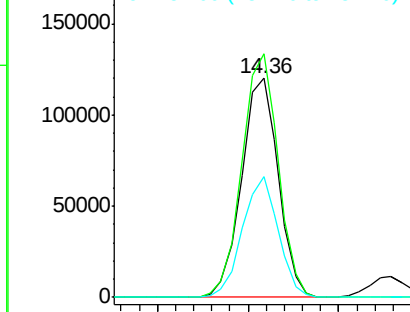
Tot Ion:	154	Resp:	168686
Ion Ratio	Lower	Upper	
154	100		
153	111.2	87.7	131.5
152	55.0	40.8	61.2

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



#52

3-Nitroaniline

Concen: 21.60 ng

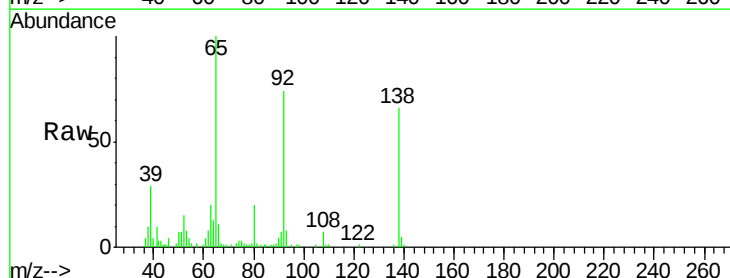
RT: 14.22 min Scan# 1962

Delta R.T. 0.00 min

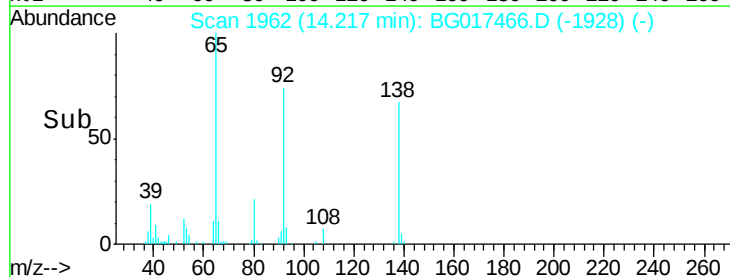
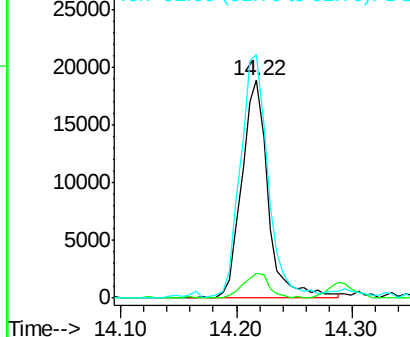
Lab File: BG017466.D

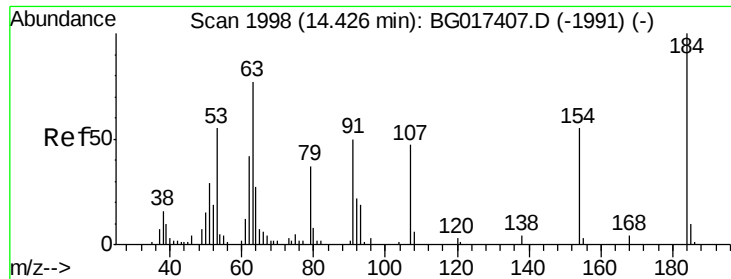
Acq: 5 Jun 2015 7:42

Tgt Ion:	138	Resp:	29720
Ion Ratio	Lower	Upper	
138	100		
108	11.2	7.5	11.3
92	111.8	87.0	130.4



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





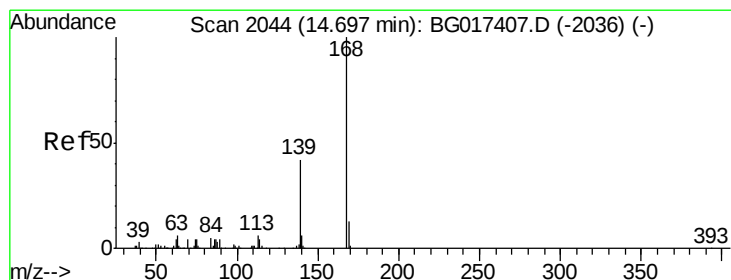
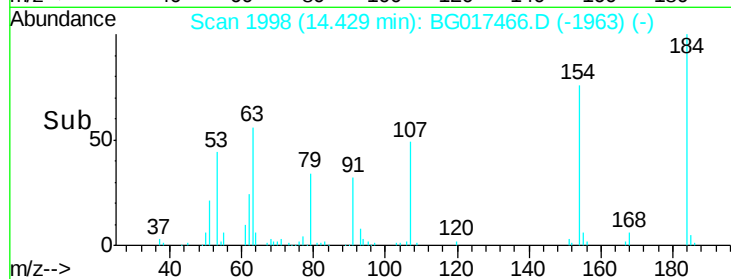
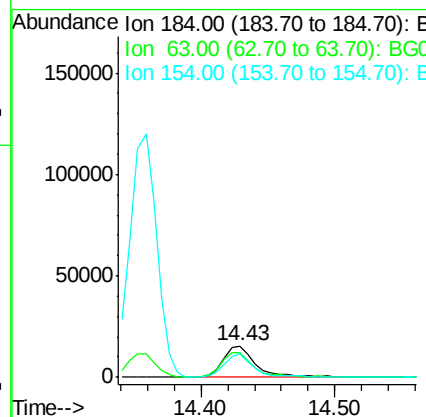
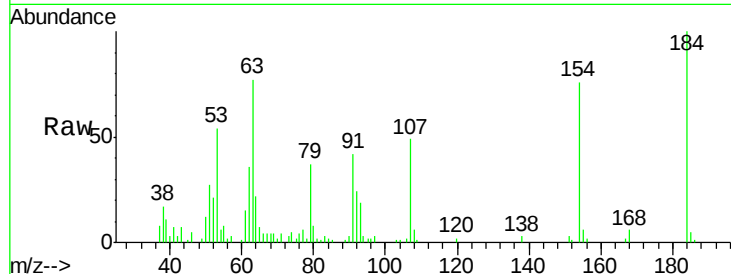
#53
2,4-Dinitrophenol
Concen: 36.88 ng
RT: 14.43 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	26090		
63	77.4	61.5	92.3	
154	75.8	53.8	80.8	

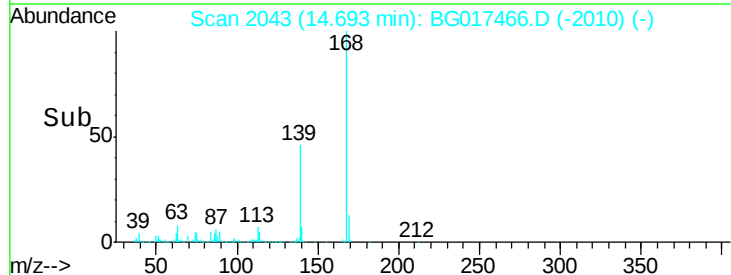
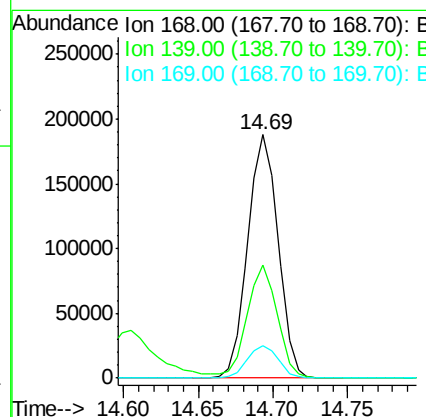
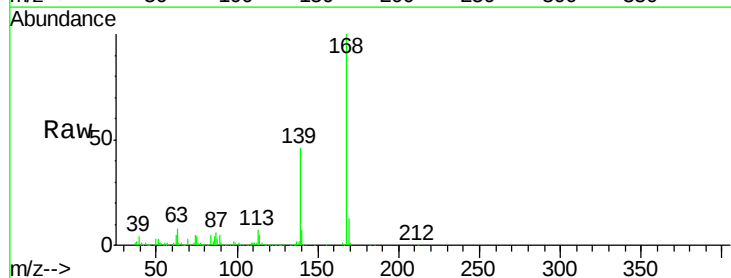
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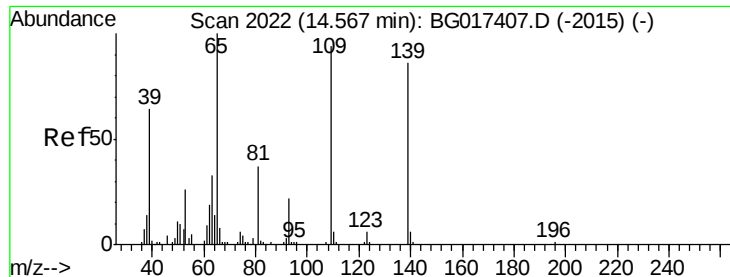
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#54
Dibenzofuran
Concen: 43.34 ng
RT: 14.69 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	263555		
139	46.2	33.2	49.8	
169	13.2	10.6	16.0	





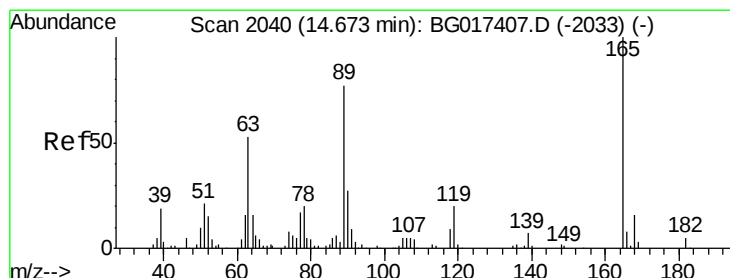
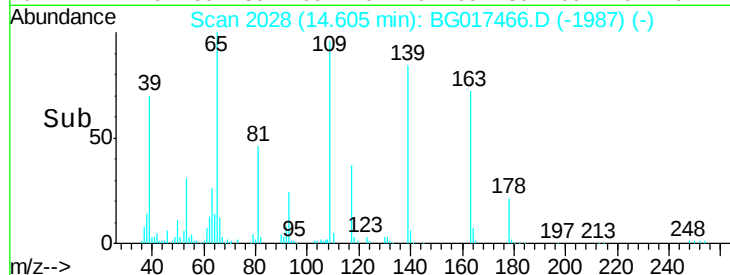
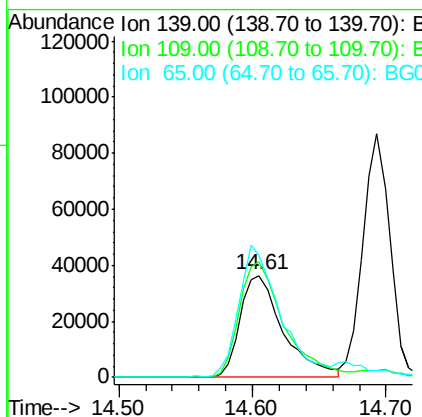
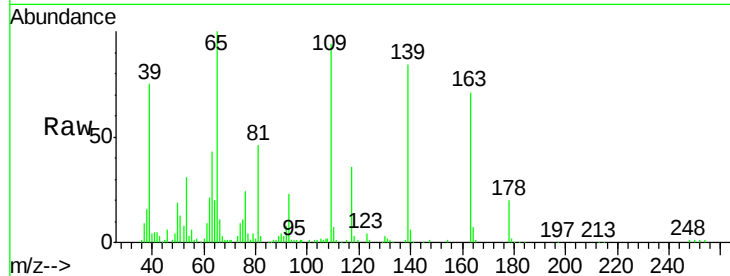
#55
4-Nitrophenol
Concen: 73.99 ng
RT: 14.61 min Scan# 2028
Delta R.T. 0.04 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	112.8	89.5	129.5	
65	119.4	95.9	135.9	

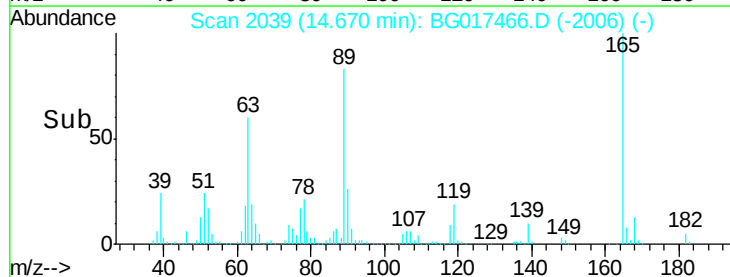
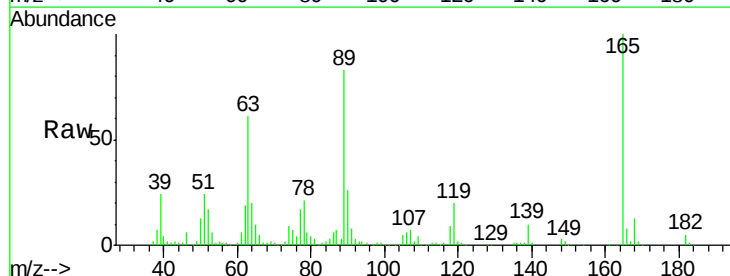
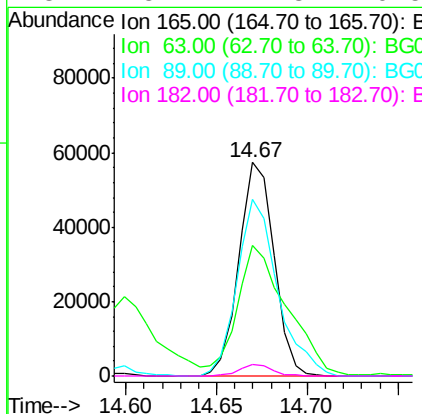
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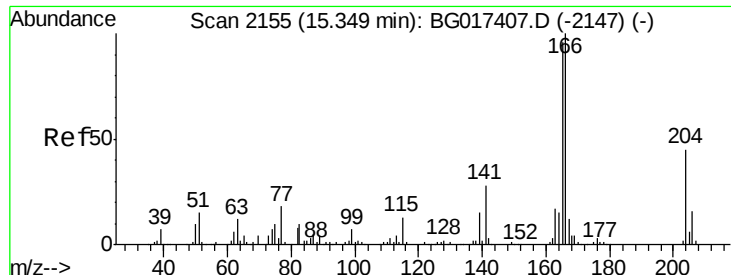
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#56
2,4-Dinitrotoluene
Concen: 42.70 ng
RT: 14.67 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.9	42.9	64.3	
89	82.7	61.5	92.3	
182	5.2	4.3	6.5	





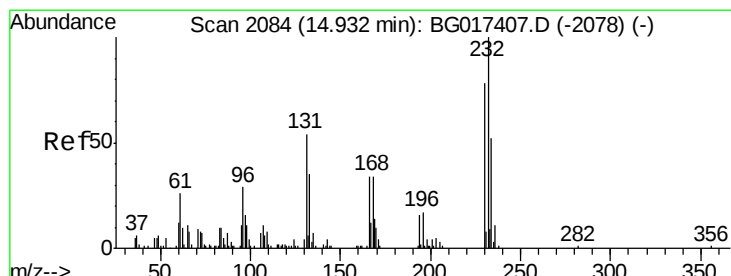
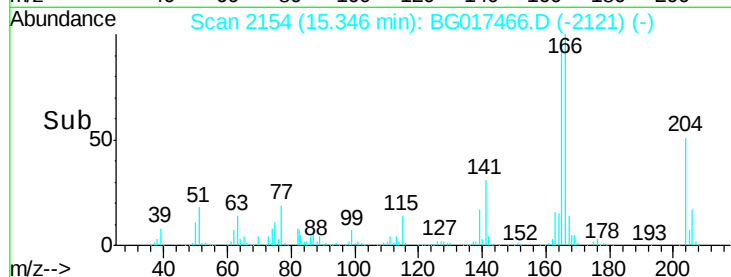
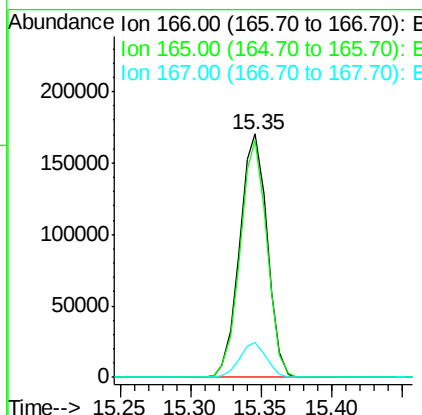
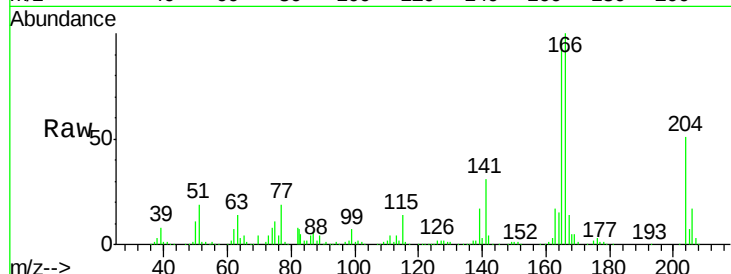
#57
Fluorene
 Concen: 42.06 ng
 RT: 15.35 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG017466.D
 Acq: 5 Jun 2015 7:42

Instrument :
 BNA_G
 ClientSampleId :
 AVE-E-C12.3(5)MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	231945		
165	97.2	76.8	115.2	
167	14.5	9.9	14.9	

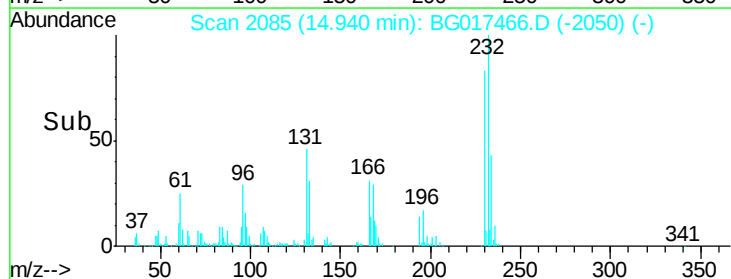
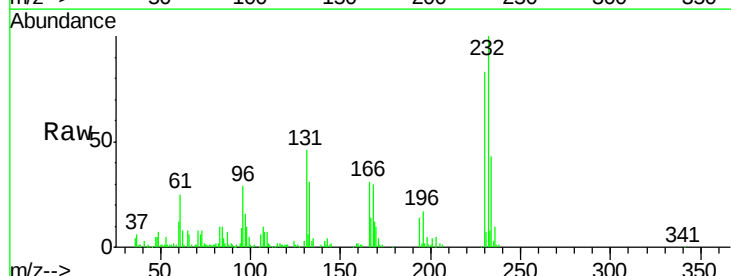
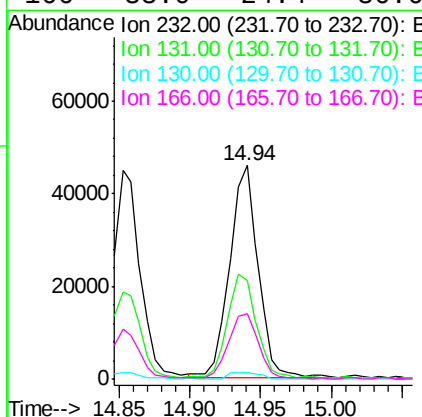
Manual Integrations
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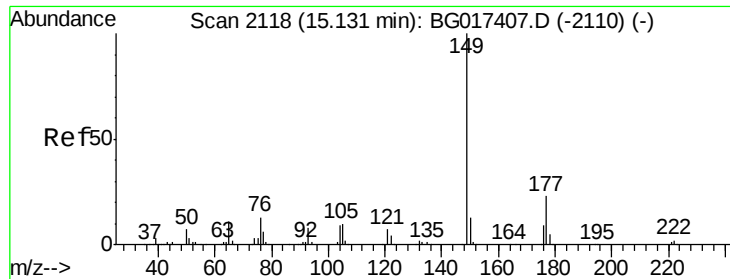
apatel
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.55 ng
 RT: 14.94 min Scan# 2085
 Delta R.T. 0.01 min
 Lab File: BG017466.D
 Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	64412		
131	50.4	40.1	60.1	
130	3.4	2.6	4.0	
166	33.0	24.4	36.6	





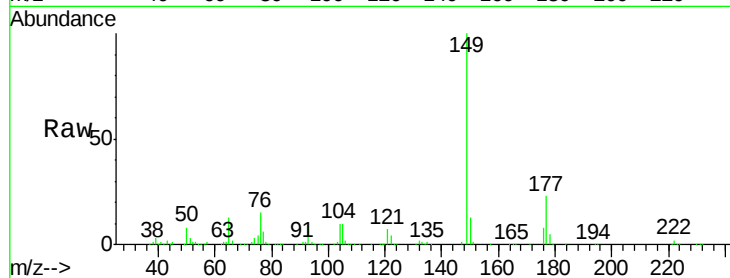
#59
Diethylphthalate
Concen: 39.68 ng
RT: 15.13 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

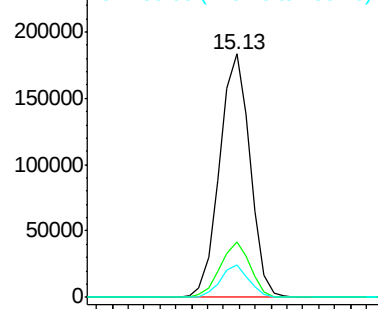
Tot Ion	Ratio	Resp	Lower	Upper
149	100	243529		
177	22.6	18.3	27.5	
150	13.2	10.6	16.0	

Manual Integrations
APPROVED

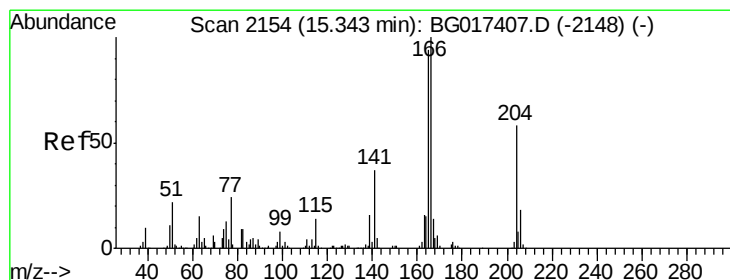
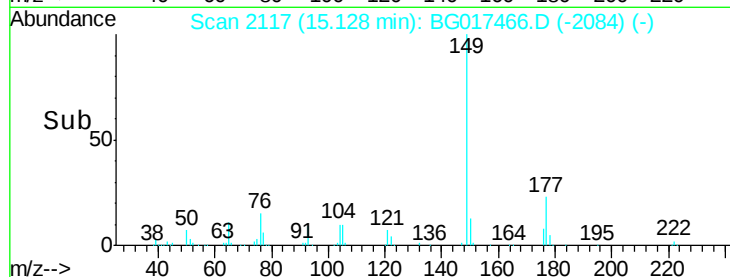
apatel
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

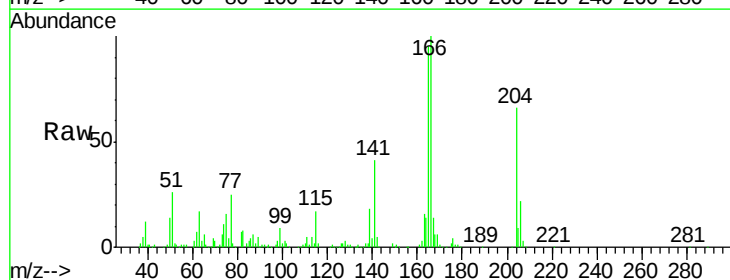


Time-->

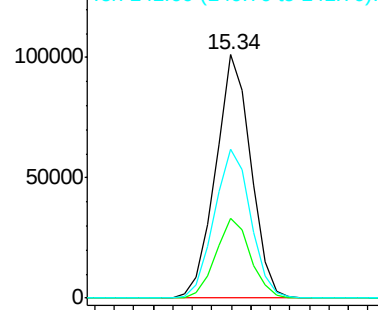


#60
4-Chlorophenyl-phenylether
Concen: 45.18 ng
RT: 15.34 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

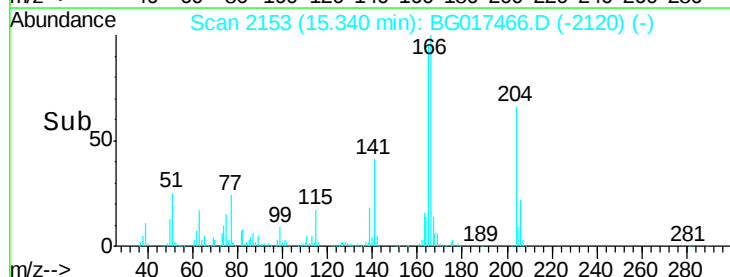
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	126242		
206	32.9	25.0	37.4	
141	61.4	50.9	76.3	

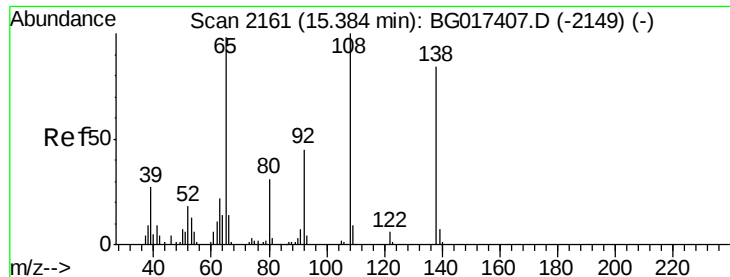


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#61

4-Nitroaniline

Concen: 33.41 ng

RT: 15.39 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Instrument :

BNA_G

ClientSampleId :

AVE-E-C12.3(5)MS

Tot Ion:138 Resp: 50619

Ion Ratio Lower Upper

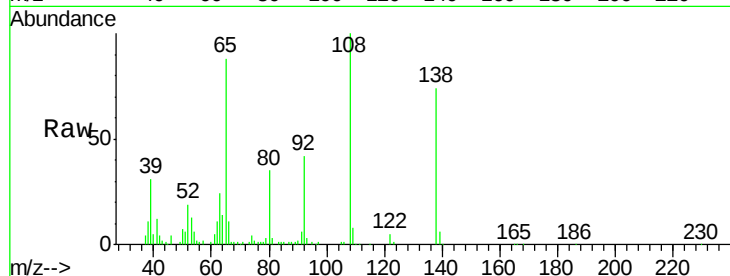
138 100

92 56.5 33.7 73.7

108 135.0 98.7 138.7

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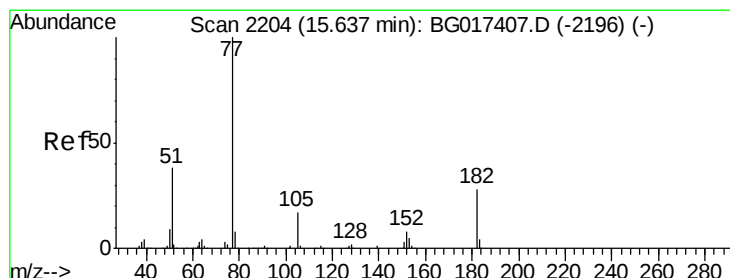
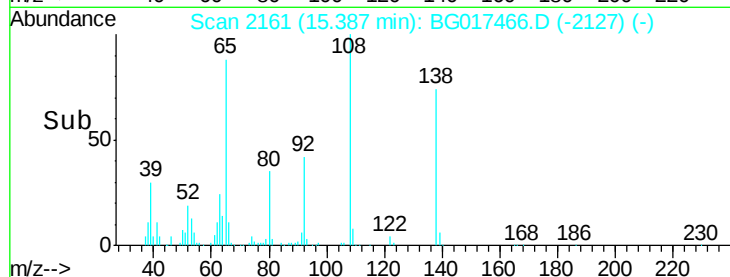
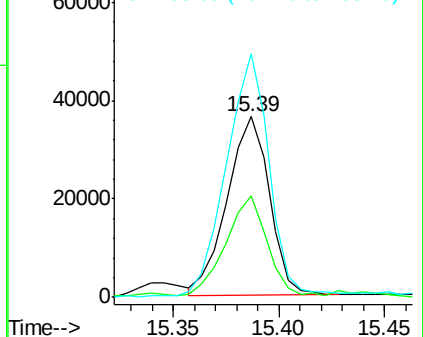
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.49 ng

RT: 15.63 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Tgt Ion: 77 Resp: 242024

Ion Ratio Lower Upper

77 100

182 29.2 8.0 48.0

105 14.2 0.0 36.9

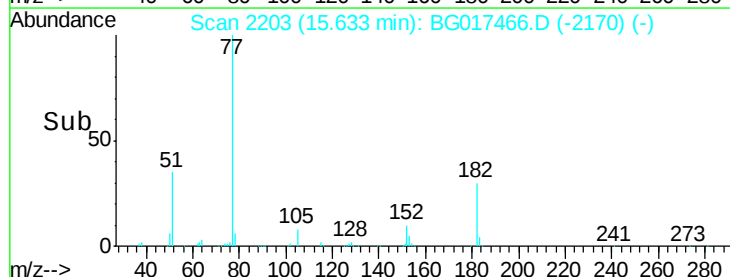
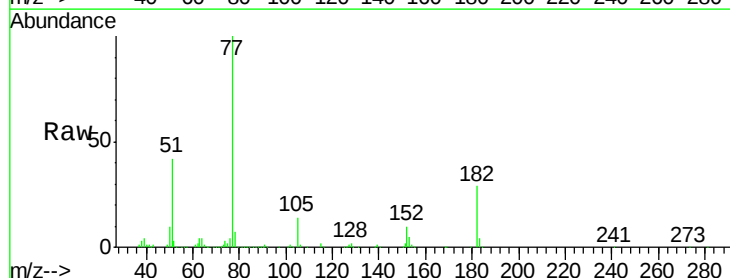
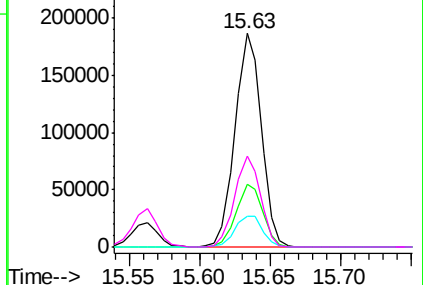
51 42.3 18.1 58.1

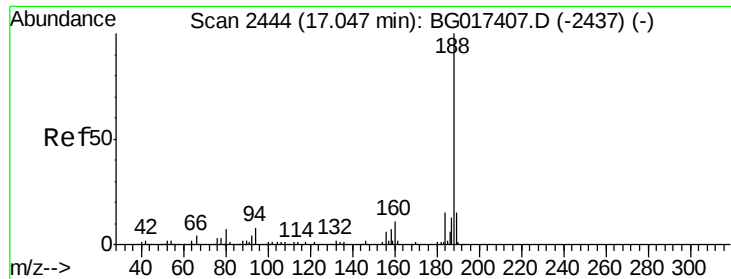
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.04 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Instrument :

BNA_G

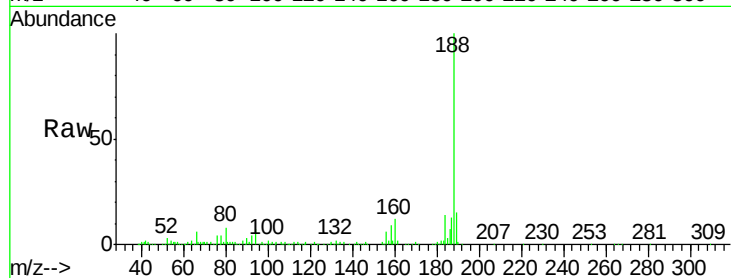
ClientSampleId :

AVE-E-C12.3(5)MS

Tot Ion:	188	Resp:	154611
Ion Ratio	Lower	Upper	
188	100		
94	6.6	6.3	9.5
80	7.7	5.2	7.8

Manual Integrations
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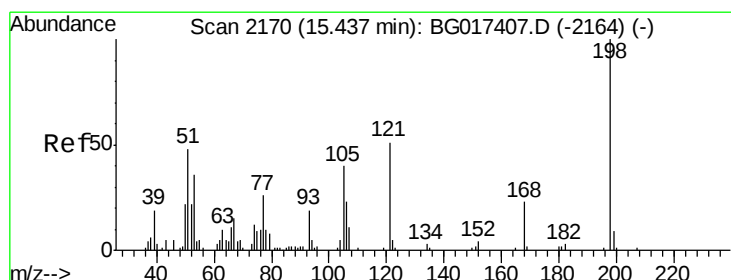
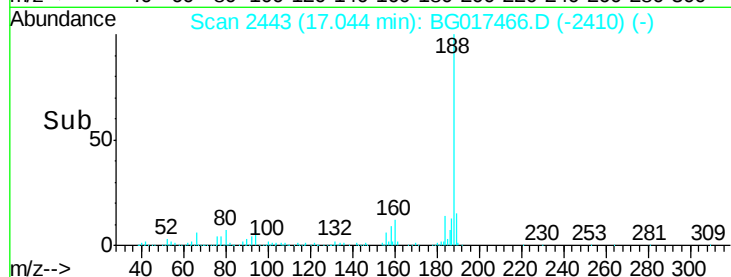
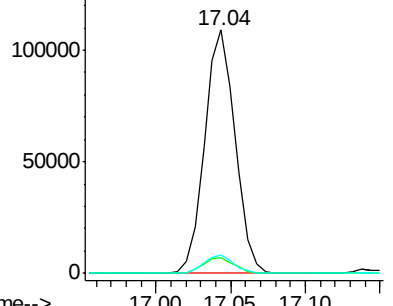
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 35.88 ng

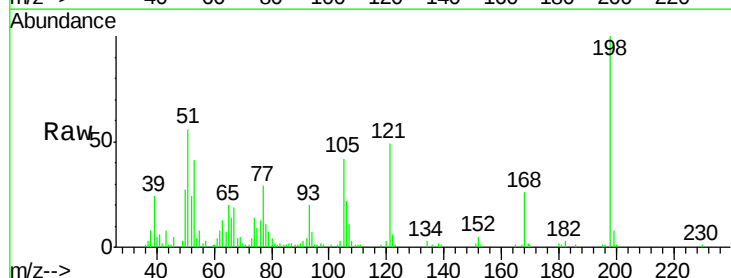
RT: 15.44 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

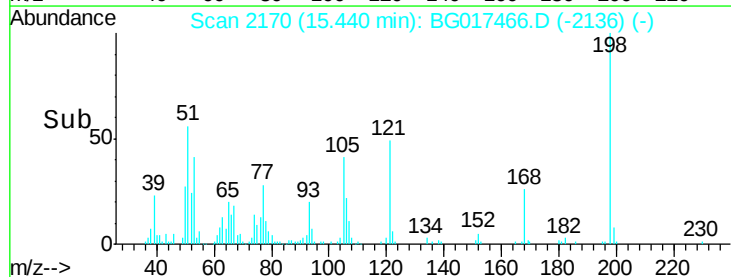
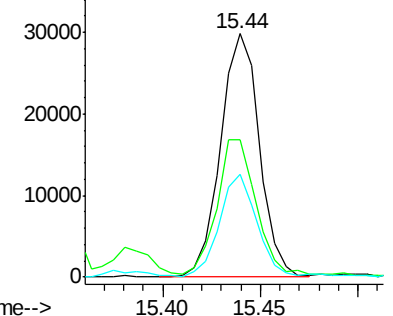
Tgt Ion:	198	Resp:	41128
Ion Ratio	Lower	Upper	
198	100		
51	56.2	30.3	70.3
105	42.1	20.8	60.8

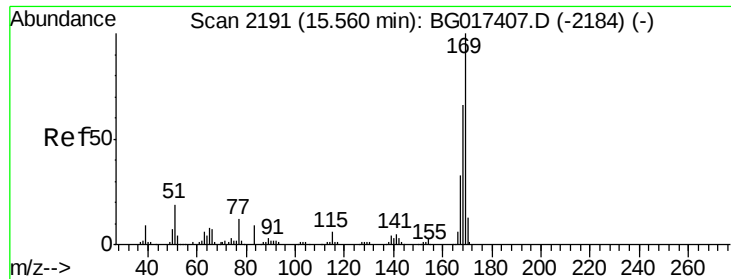


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





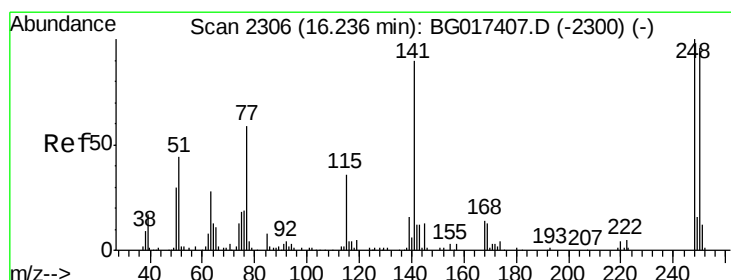
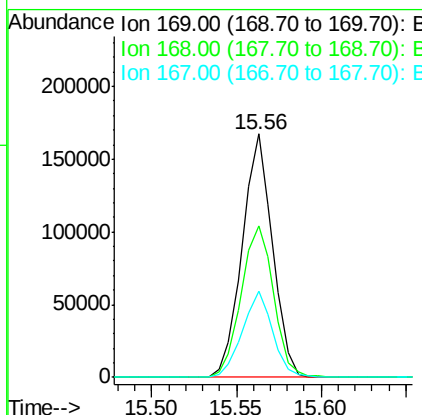
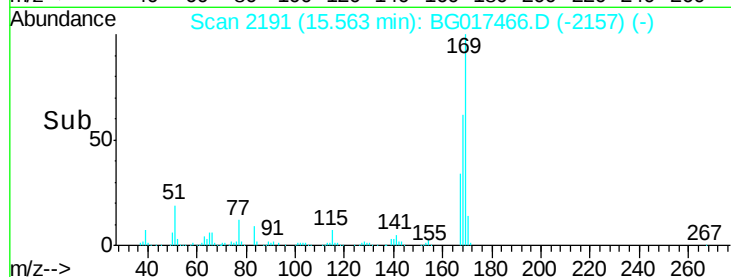
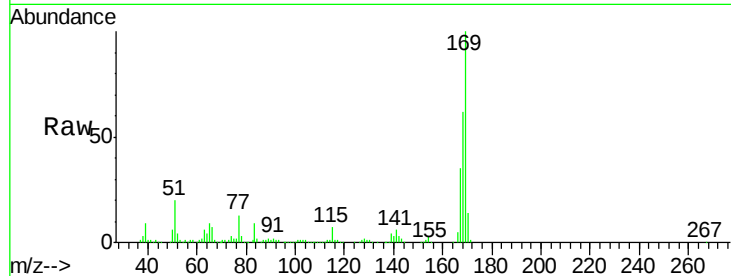
#65
 n-Nitrosodiphenylamine
 Concen: 45.35 ng
 RT: 15.56 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: BG017466.D
 Acq: 5 Jun 2015 7:42

Instrument :
 BNA_G
 ClientSampleId :
 AVE-E-C12.3(5)MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	209113		
168	62.4	52.4	78.6	
167	35.5	26.3	39.5	

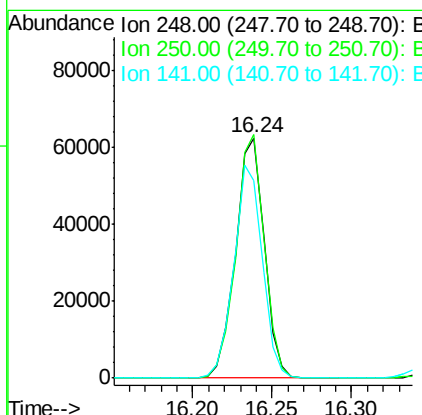
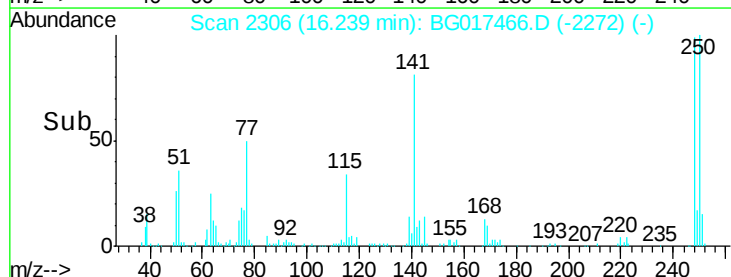
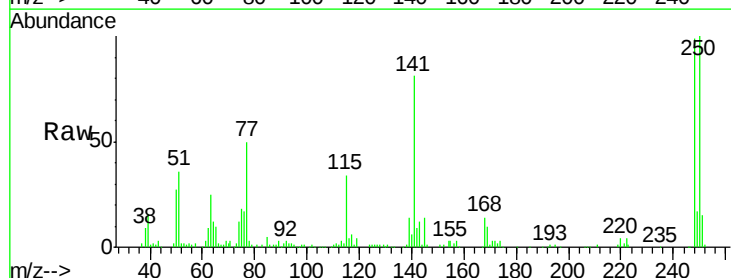
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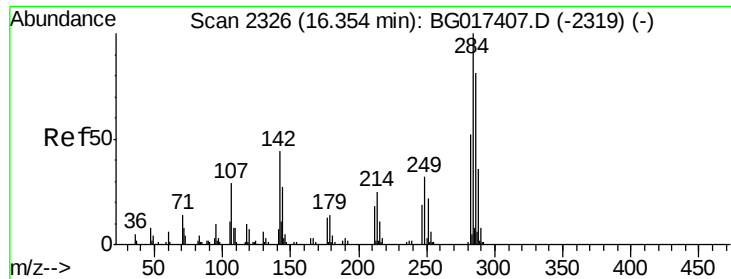
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#66
 4-Bromophenyl-phenylether
 Concen: 45.93 ng
 RT: 16.24 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BG017466.D
 Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	78610		
250	101.4	76.9	115.3	
141	82.0	71.8	107.6	





#67

Hexachlorobenzene

Concen: 45.48 ng

RT: 16.35 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Instrument :

BNA_G

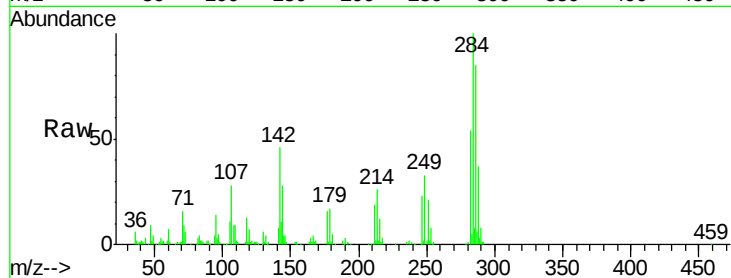
ClientSampleId :

AVE-E-C12.3(5)MS

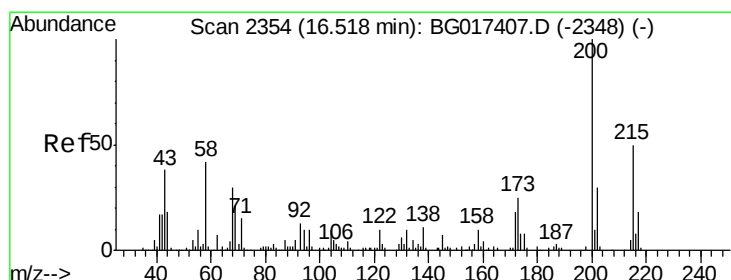
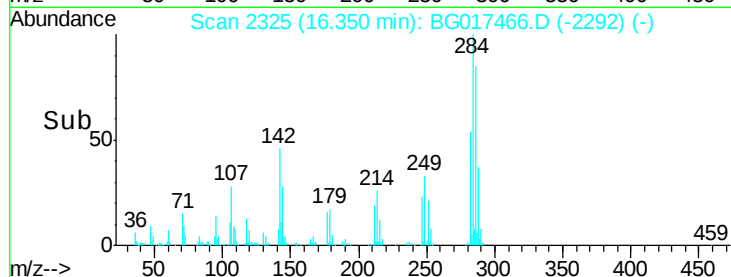
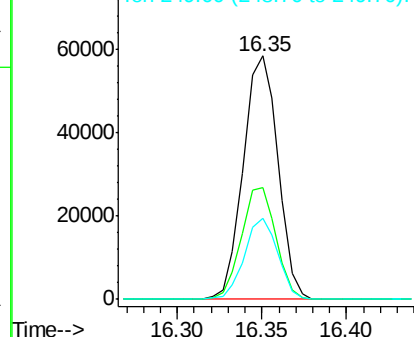
Tot Ion:	284	Resp:	83676
Ion Ratio	Lower	Upper	
284	100		
142	46.1	35.2	52.8
249	33.2	25.9	38.9

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



#68

Atrazine

Concen: 41.71 ng

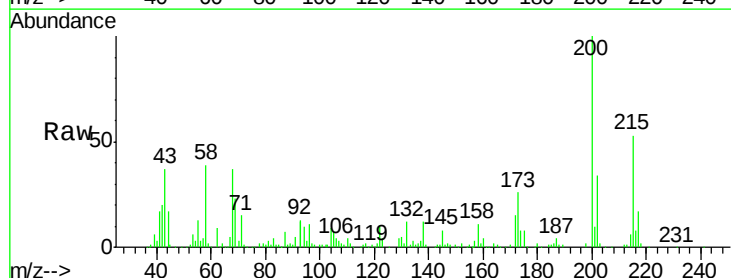
RT: 16.52 min Scan# 2354

Delta R.T. 0.00 min

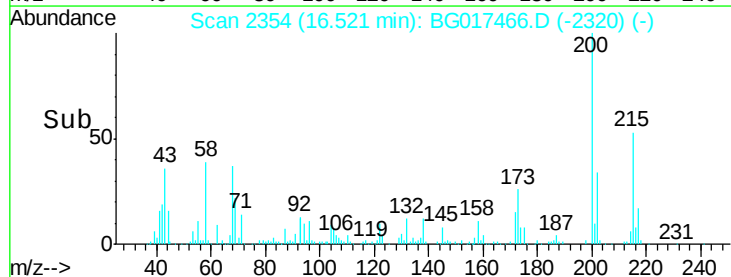
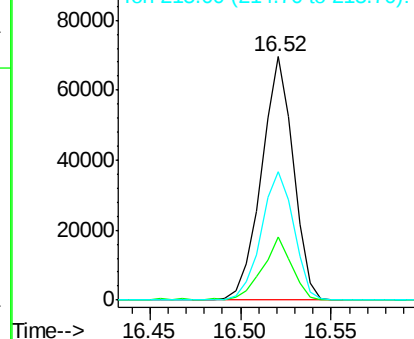
Lab File: BG017466.D

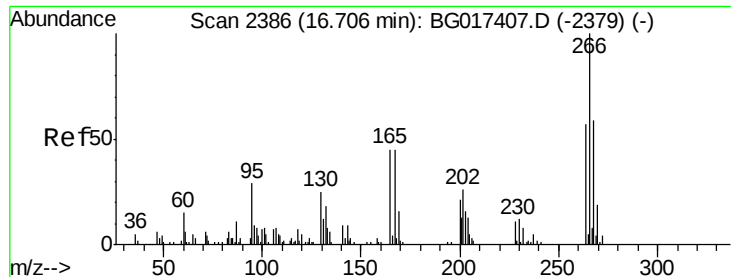
Acq: 5 Jun 2015 7:42

Tgt Ion:	200	Resp:	84651
Ion Ratio	Lower	Upper	
200	100		
173	26.0	4.9	44.9
215	52.6	30.1	70.1



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





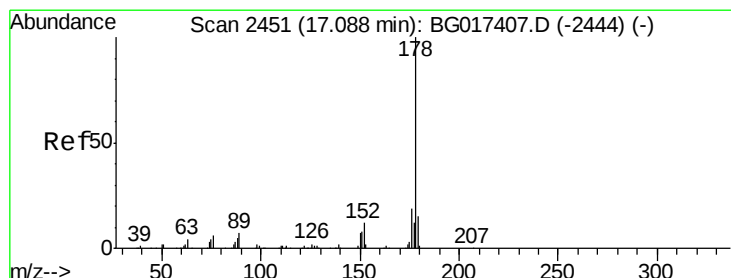
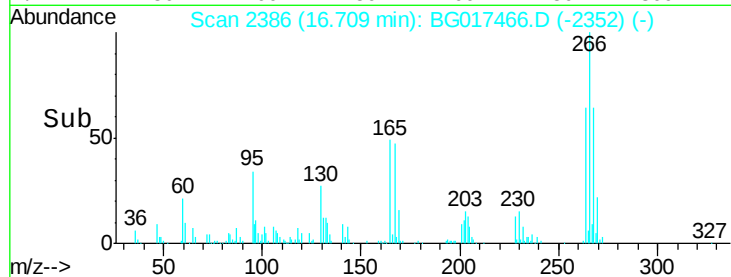
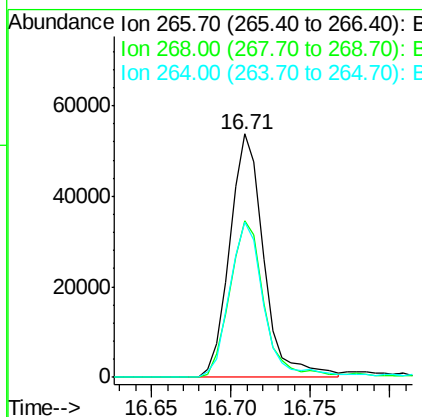
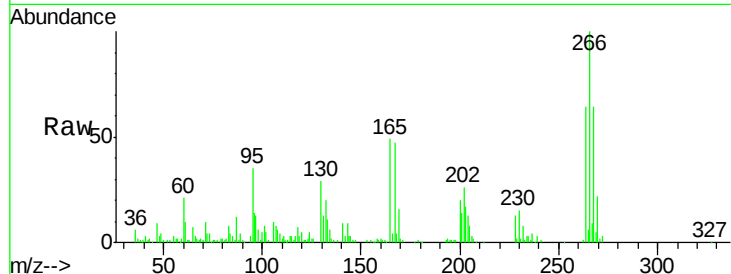
#69
 Pentachlorophenol
 Concen: 71.58 ng
 RT: 16.71 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BG017466.D
 Acq: 5 Jun 2015 7:42

Instrument :
 BNA_G
 ClientSampleId :
 AVE-E-C12.3(5)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	79921		
268	64.1		47.0	70.6
264	63.6		45.7	68.5

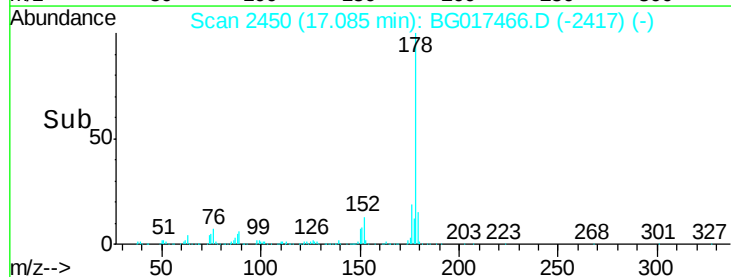
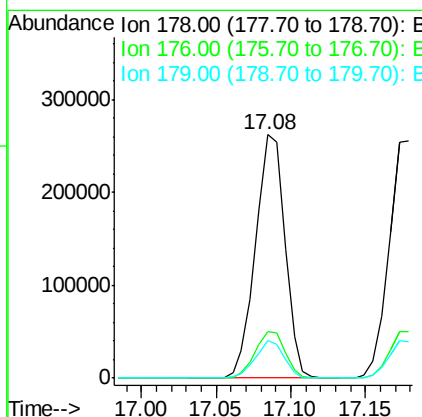
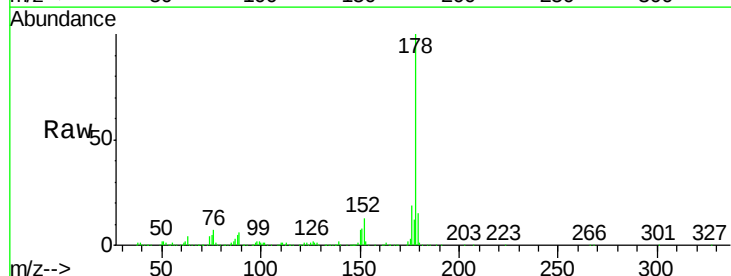
Manual Integrations
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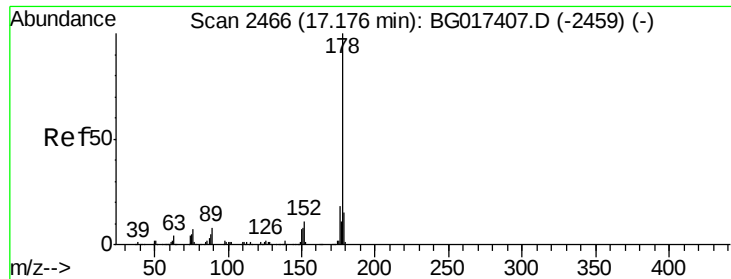
apatel
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#70
 Phenanthrene
 Concen: 41.41 ng
 RT: 17.08 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BG017466.D
 Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	357007		
176	19.0		15.6	23.4
179	15.3		12.2	18.2





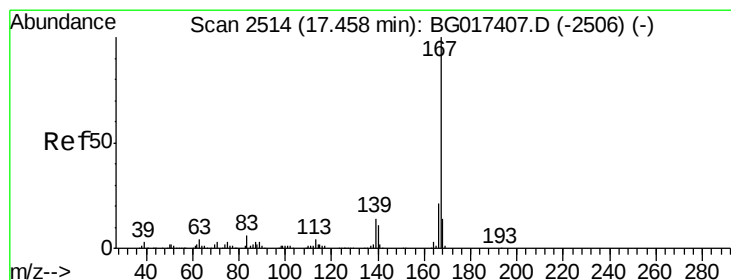
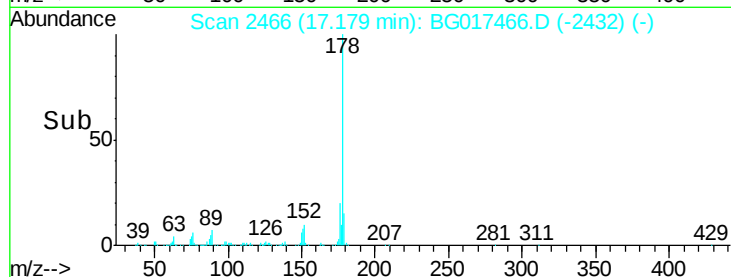
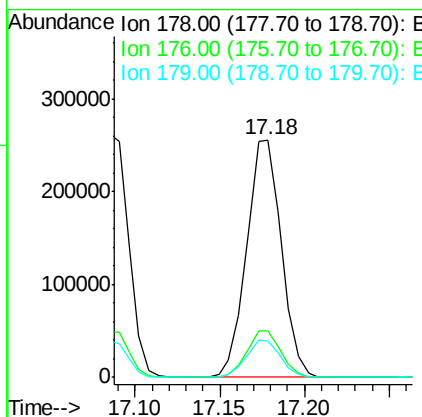
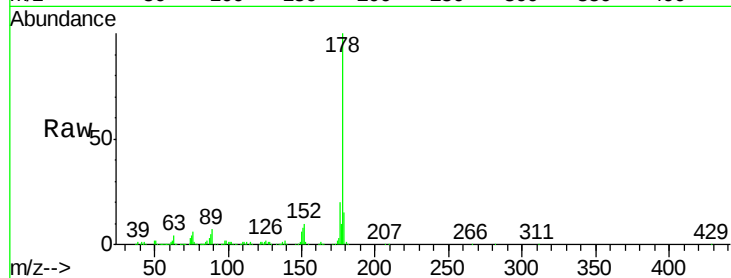
#71
 Anthracene
 Concen: 42.41 ng
 RT: 17.18 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BG017466.D
 Acq: 5 Jun 2015 7:42

Instrument :
 BNA_G
 ClientSampleId :
 AVE-E-C12.3(5)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.2	21.2
179	15.1	12.2	18.4

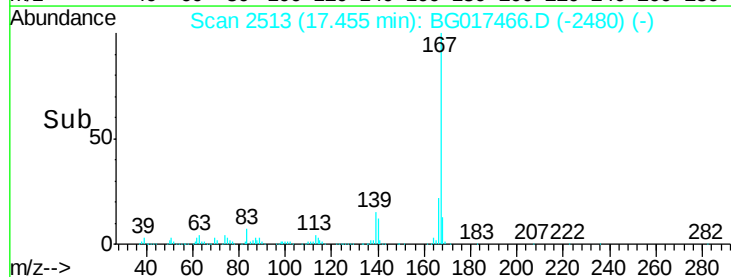
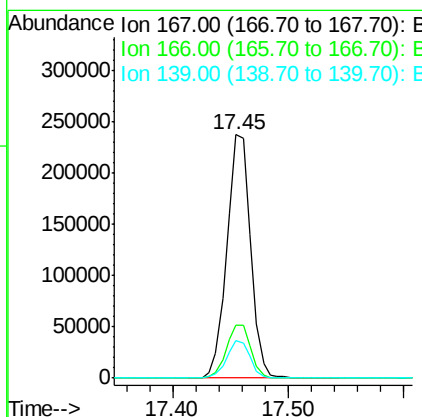
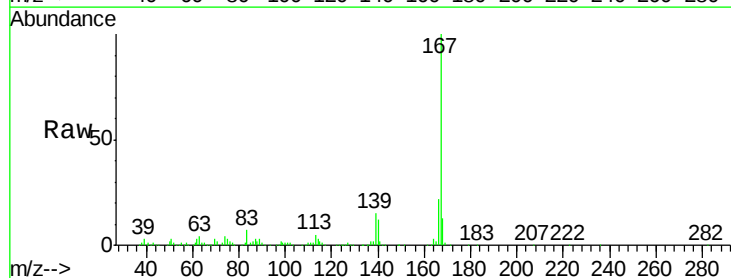
Manual Integrations
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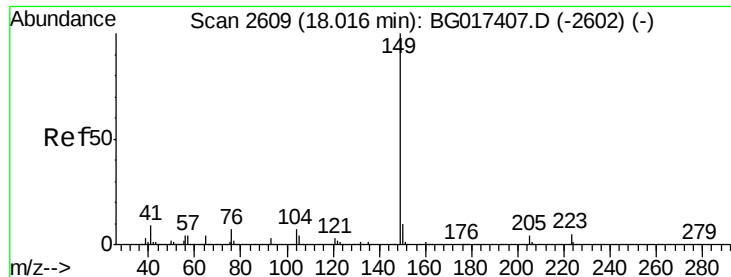
apatel
 6/5/2015 5:15:30 PM



#72
 Carbazole
 Concen: 39.76 ng
 RT: 17.45 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG017466.D
 Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.4
139	15.3	11.3	16.9





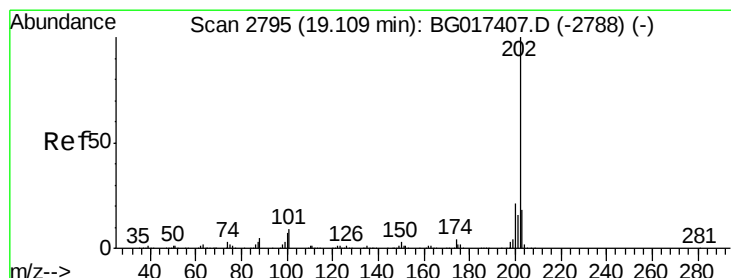
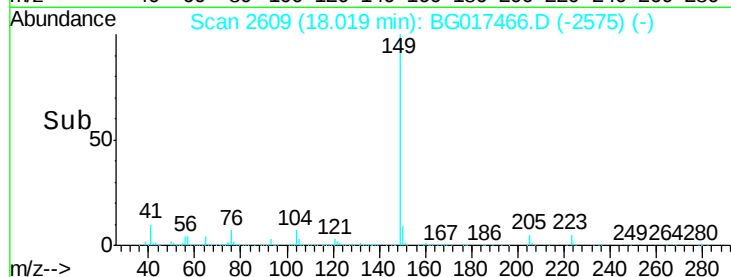
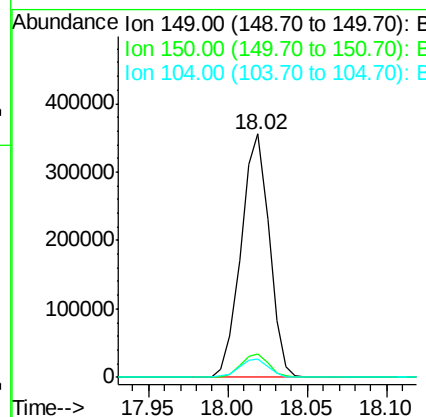
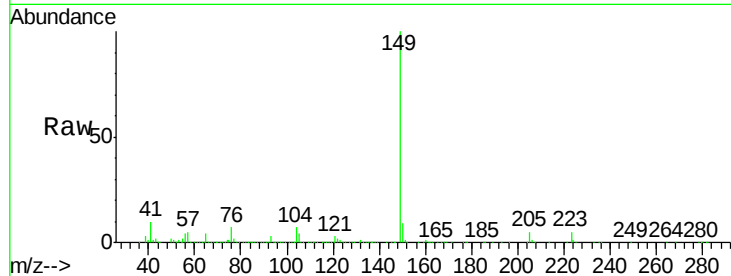
#73
Di-n-butylphthalate
Concen: 40.30 ng
RT: 18.02 min Scan# 2609
Delta R.T. 0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.5	7.6	11.4
104	7.4	5.4	8.2

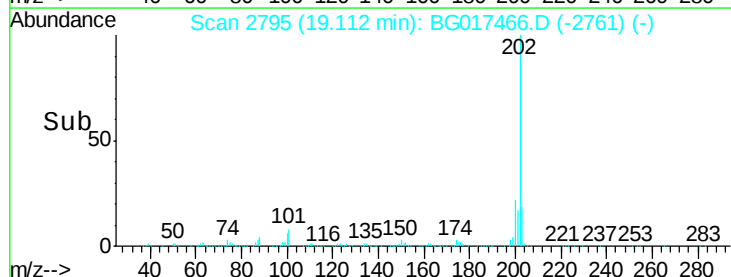
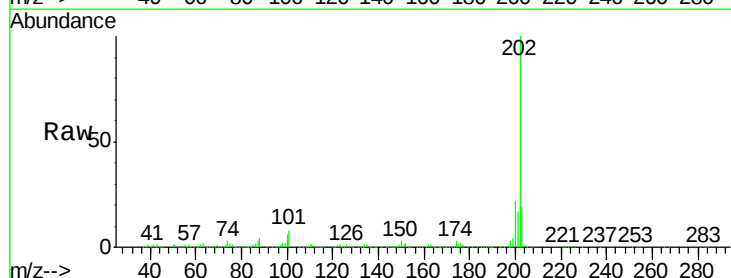
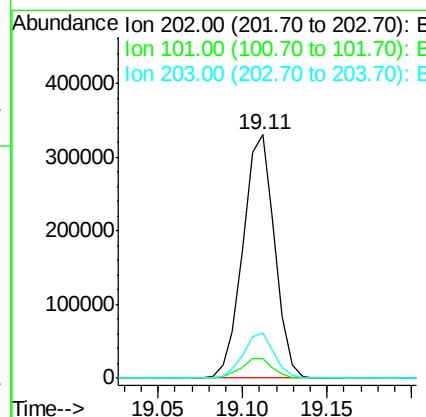
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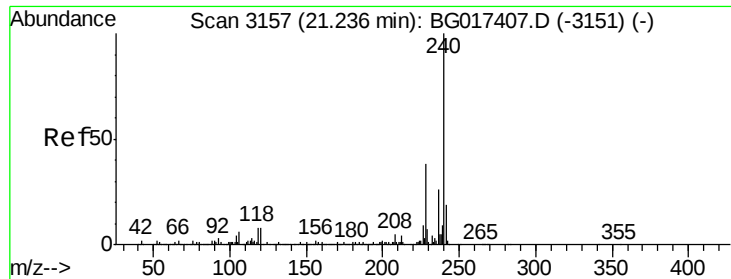
apatel
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#74
Fluoranthene
Concen: 38.29 ng
RT: 19.11 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.9	0.0	28.8
203	18.7	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Instrument :

BNA_G

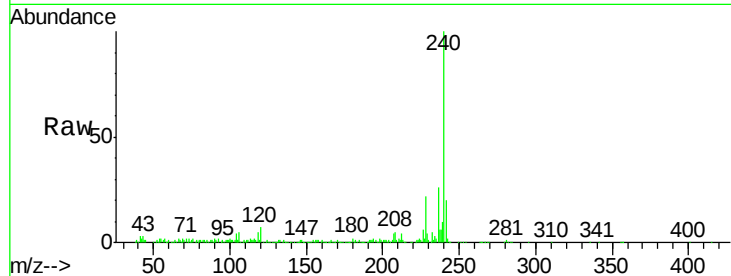
ClientSampleId :

AVE-E-C12.3(5)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.5	9.7
236	25.7	20.8	31.2

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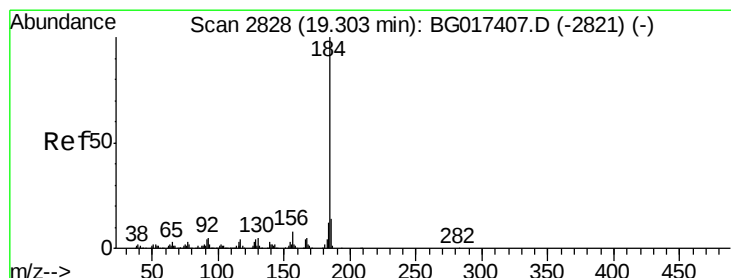
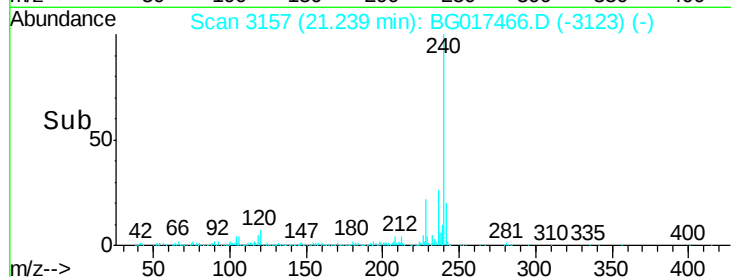
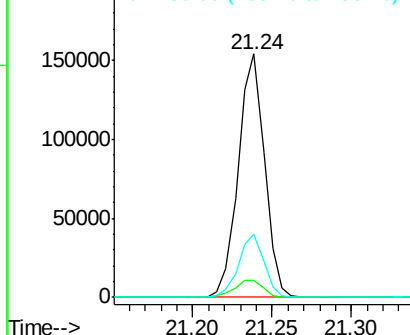


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.77 ng

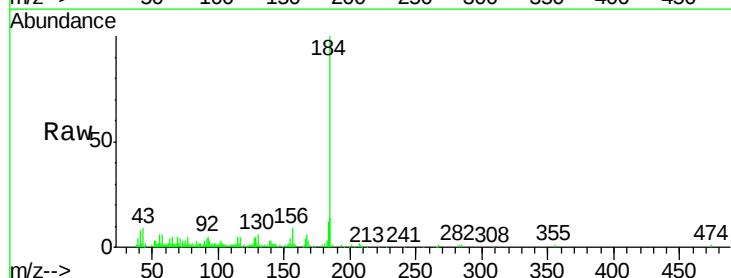
RT: 19.31 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.0	16.6
183	12.4	9.8	14.8

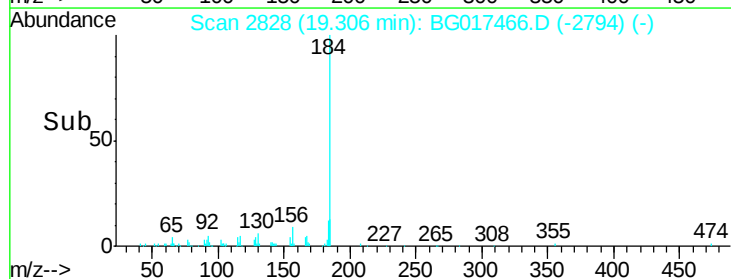
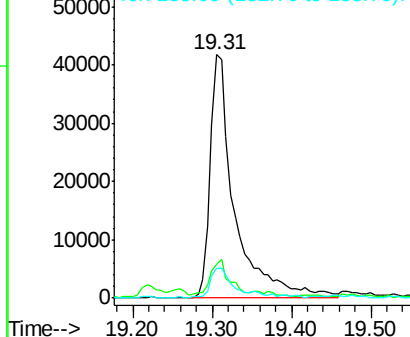


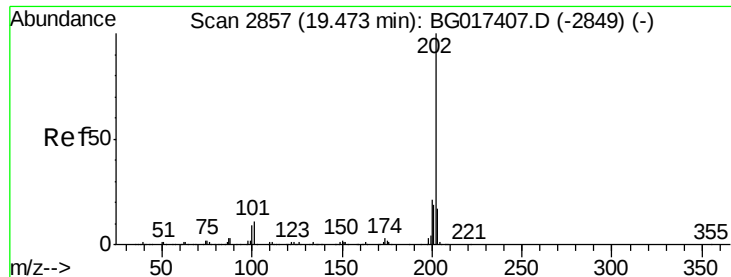
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.13 ng

RT: 19.48 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Instrument :

BNA_G

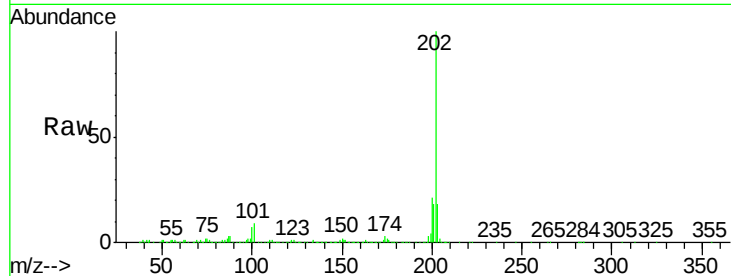
ClientSampleId :

AVE-E-C12.3(5)MS

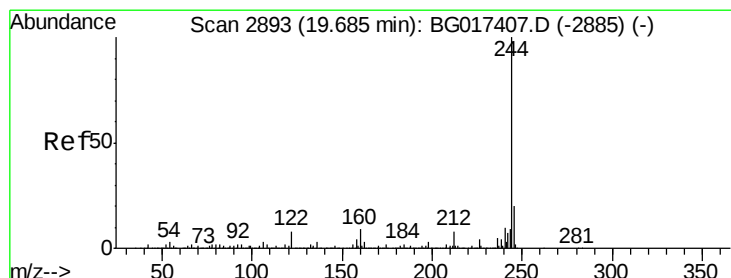
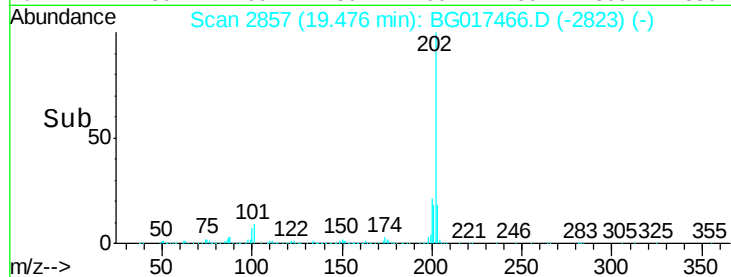
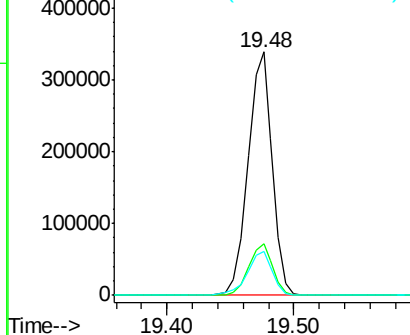
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		448219		
200	21.4	17.0	25.4		
203	17.8	13.9	20.9		

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



#78

Terphenyl-d14

Concen: 83.74 ng

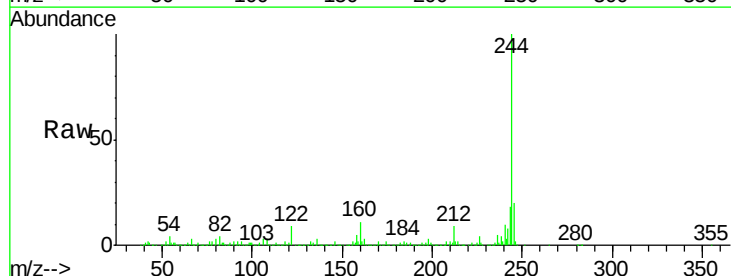
RT: 19.68 min Scan# 2892

Delta R.T. -0.00 min

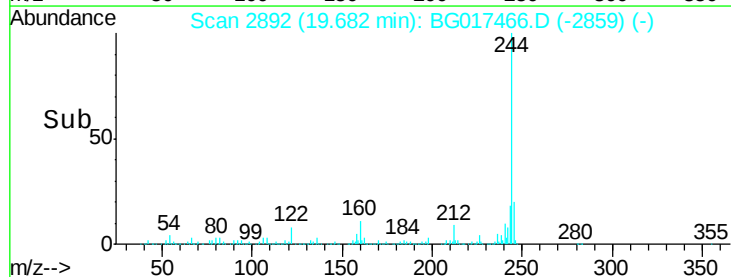
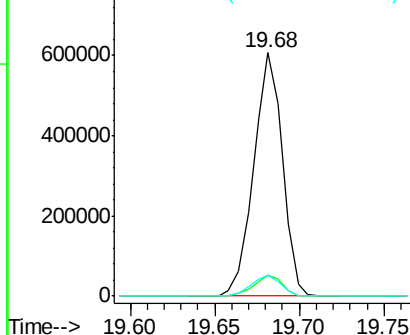
Lab File: BG017466.D

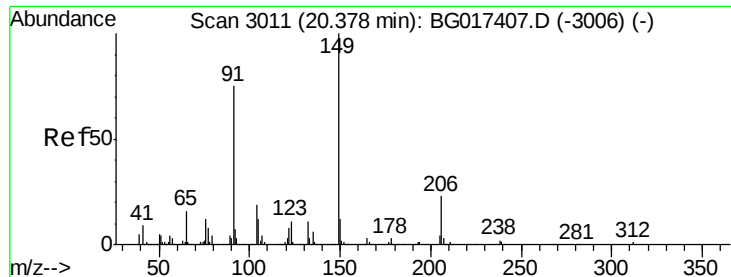
Acq: 5 Jun 2015 7:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		716798		
212	8.7	6.4	9.6		
122	8.6	6.6	10.0		



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





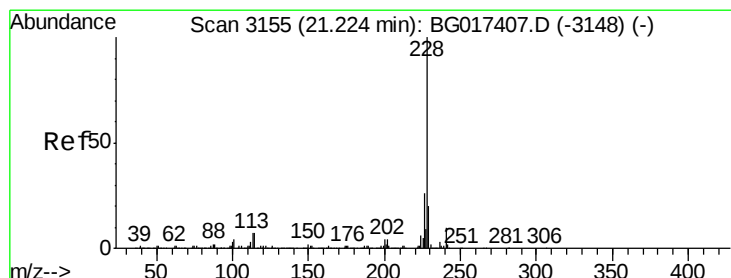
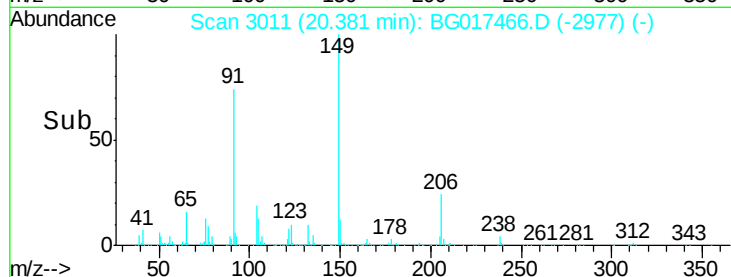
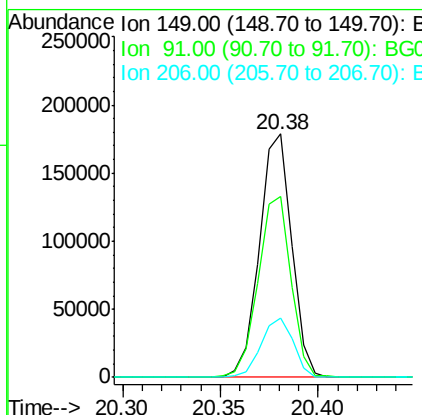
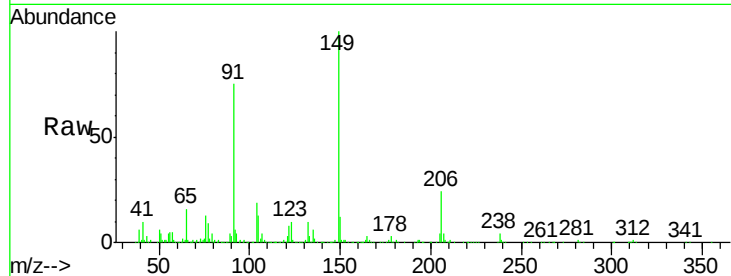
#79
Butylbenzylphthalate
Concen: 43.30 ng
RT: 20.38 min Scan# 3011
Delta R.T. 0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	74.5	59.8	89.6
206	24.2	18.2	27.2

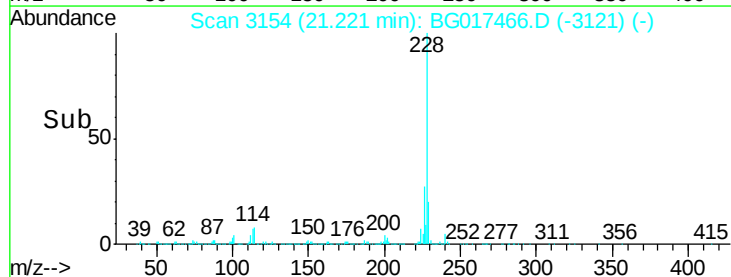
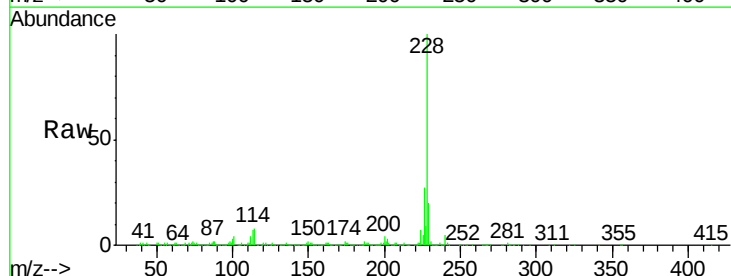
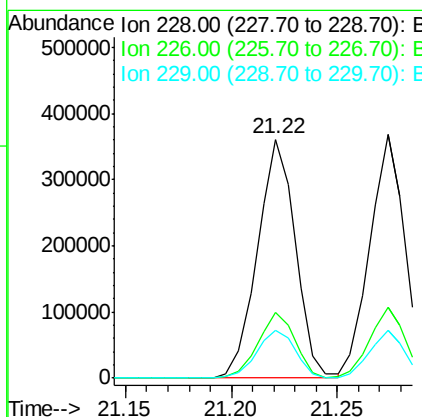
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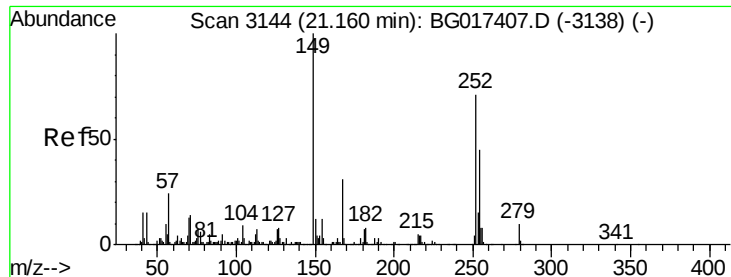
apatel
6/5/2015 5:15:30 PM



#80
Benzo(a)anthracene
Concen: 41.34 ng
RT: 21.22 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.4	21.0	31.6
229	20.3	15.7	23.5





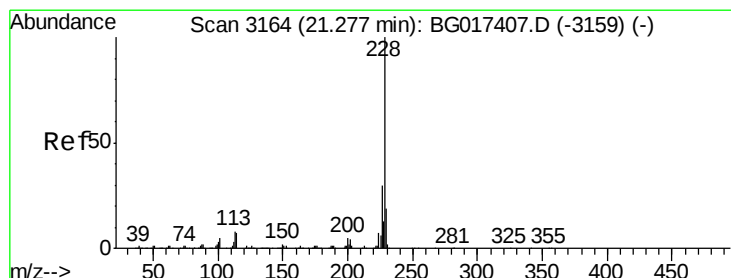
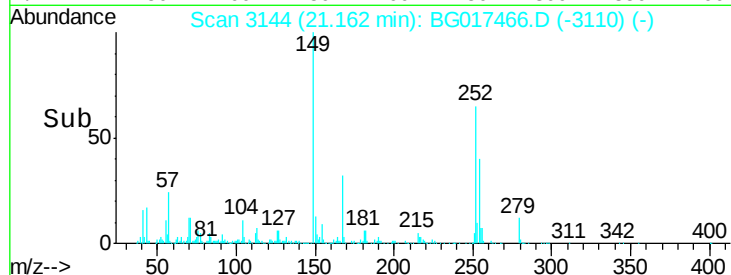
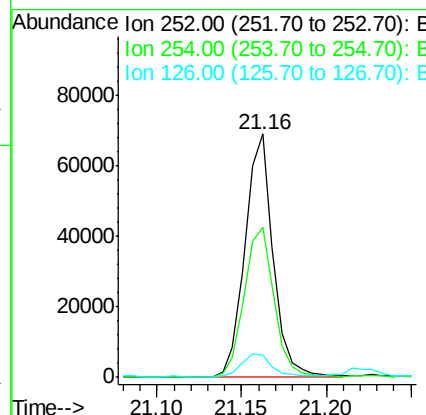
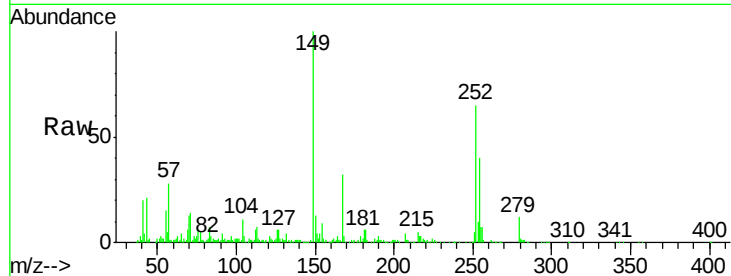
#81
 3,3'-Dichlorobenzidine
 Concen: 19.74 ng
 RT: 21.16 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: BG017466.D
 Acq: 5 Jun 2015 7:42

Instrument :
 BNA_G
 ClientSampleId :
 AVE-E-C12.3(5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.7	51.1	76.7
126	9.0	8.2	12.2

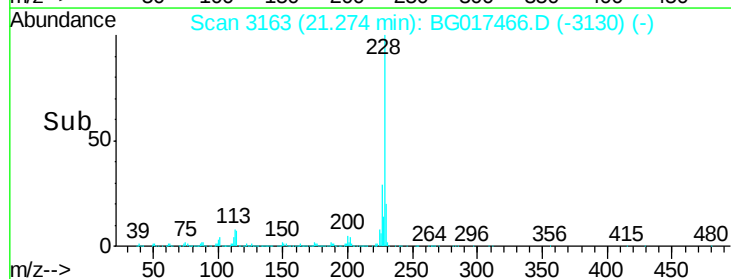
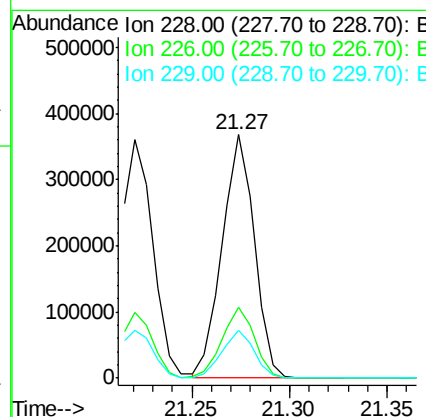
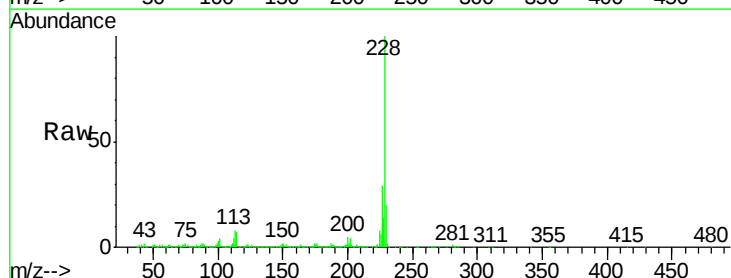
Manual Integrations
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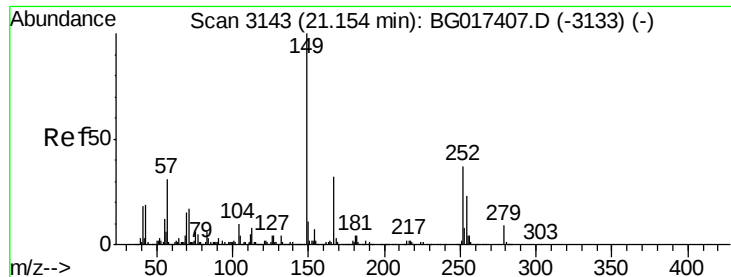
apatel
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#82
 Chrysene
 Concen: 42.85 ng
 RT: 21.27 min Scan# 3163
 Delta R.T. -0.00 min
 Lab File: BG017466.D
 Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.7	35.5
229	19.6	15.2	22.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.08 ng

RT: 21.15 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Instrument :

BNA_G

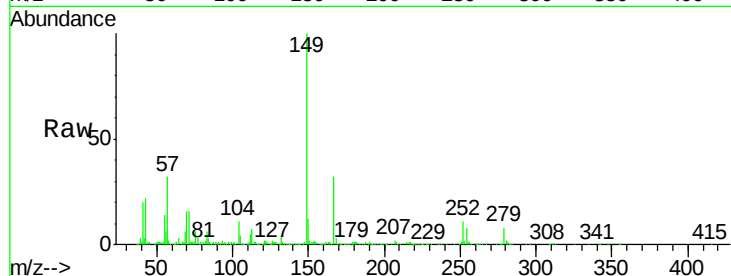
ClientSampleId :

AVE-E-C12.3(5)MS

Tot Ion:	149	Resp:	292991
Ion Ratio	Lower	Upper	
149	100		
167	31.5	25.4	38.2
279	8.3	7.1	10.7

Manual Integrations
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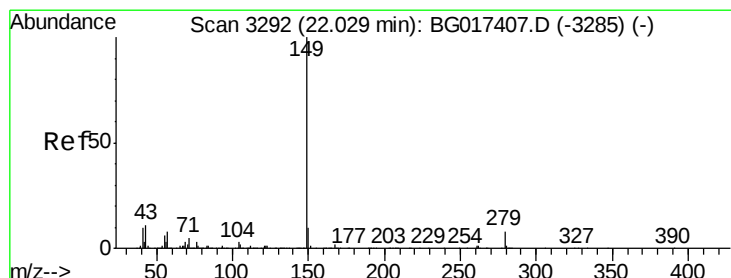
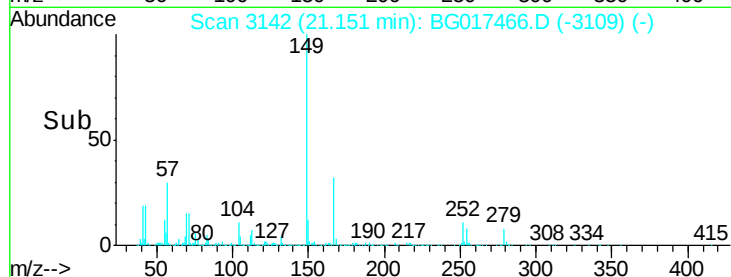
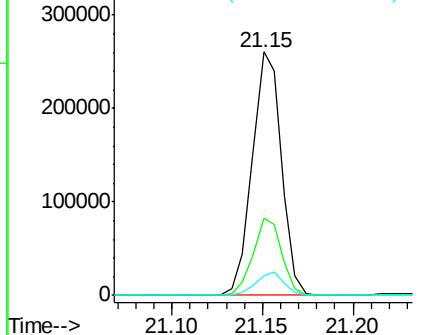
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.30 ng

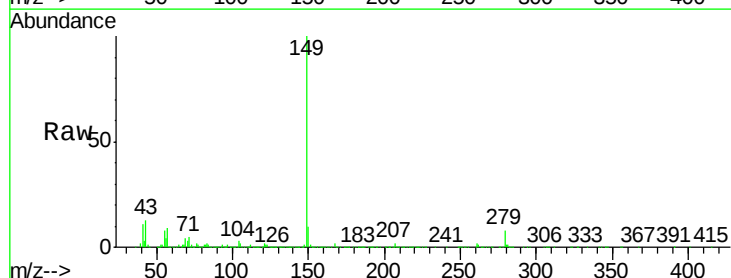
RT: 22.03 min Scan# 3291

Delta R.T. -0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

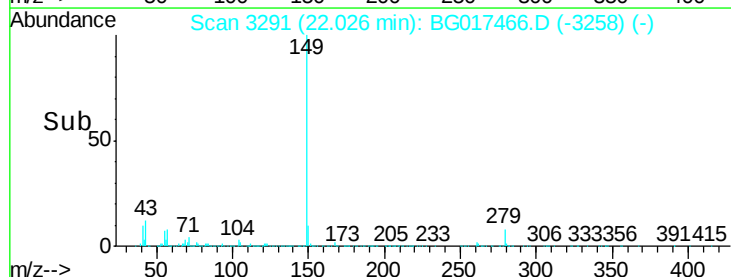
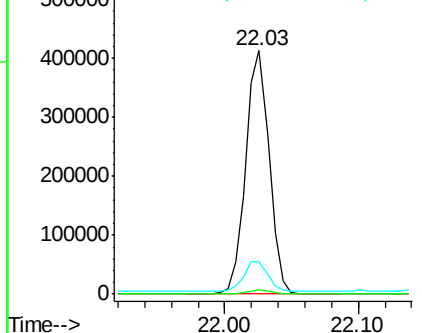
Tgt Ion:	149	Resp:	493771
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	13.4	9.8	14.6

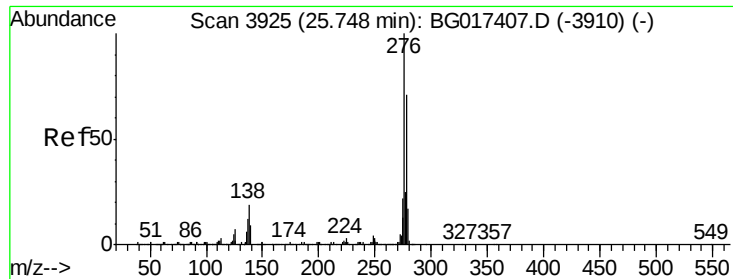


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





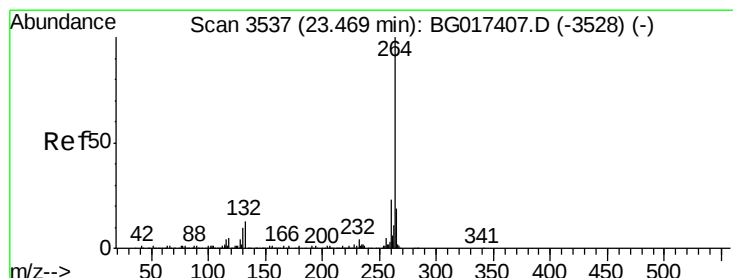
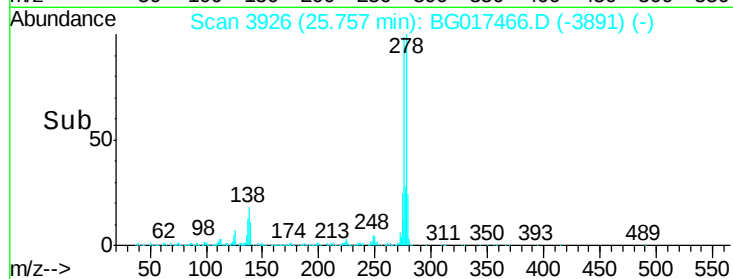
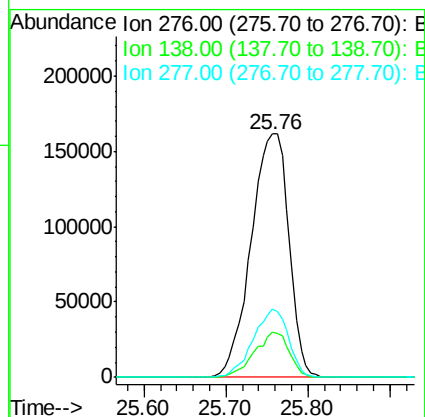
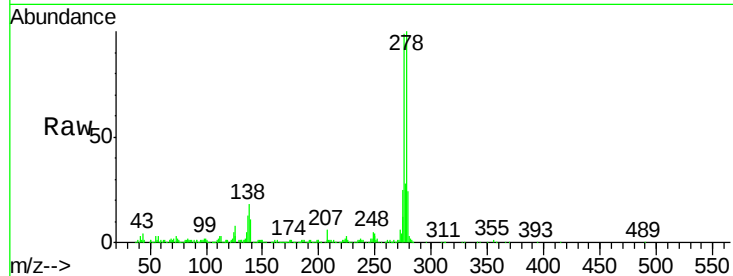
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.01 ng
RT: 25.76 min Scan# 3926
Delta R.T. 0.01 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.0	15.4	23.0
277	26.4	20.5	30.7

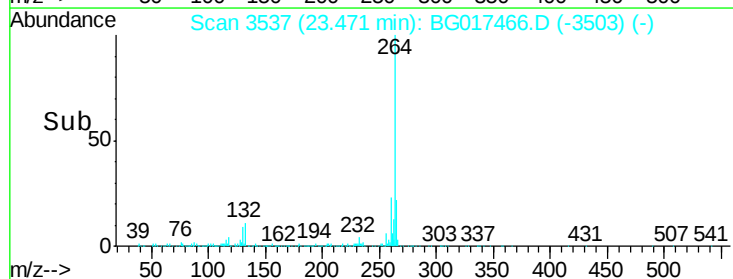
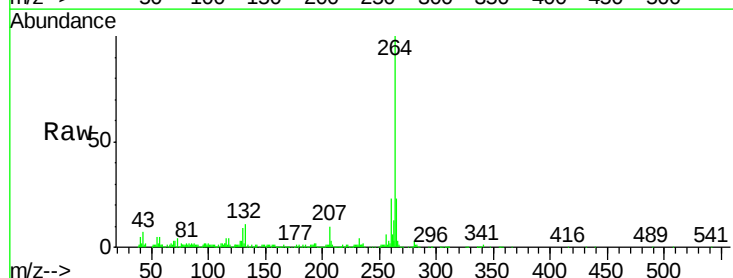
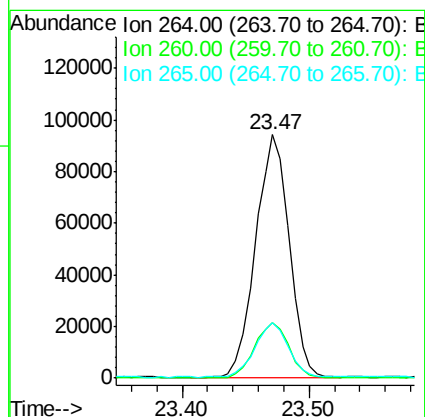
Manual Integrations
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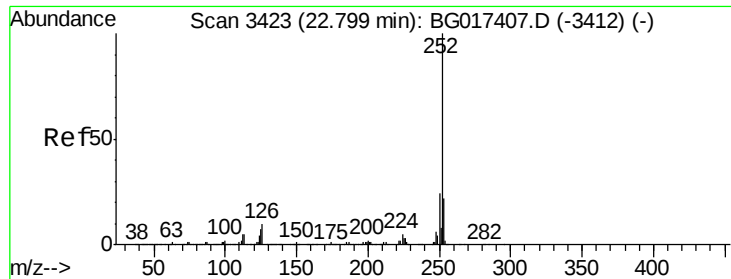
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6/5/2015 5:15:30 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.47 min Scan# 3537
Delta R.T. 0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	22.6	15.8	23.6





#87

Benzo(b)fluoranthene

Concen: 40.89 ng

RT: 22.80 min Scan# 3423

Delta R.T. 0.00 min

Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Instrument :

BNA_G

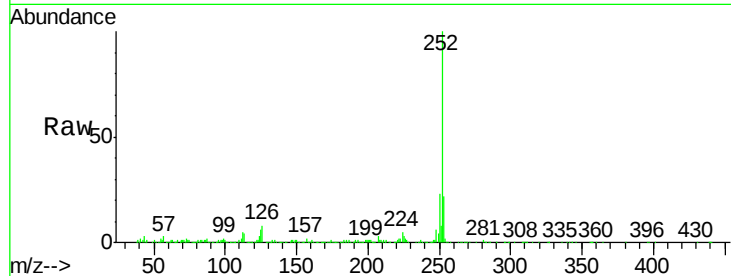
ClientSampleId :

AVE-E-C12.3(5)MS

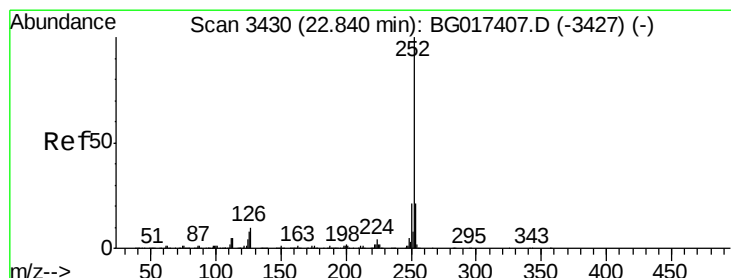
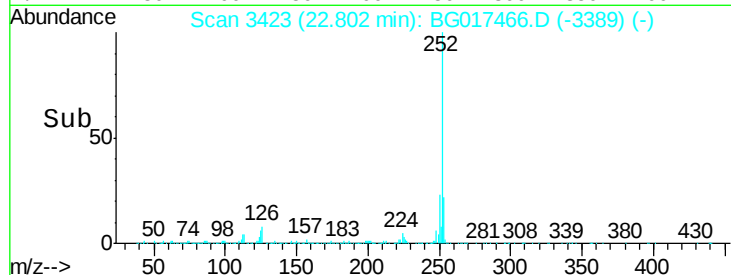
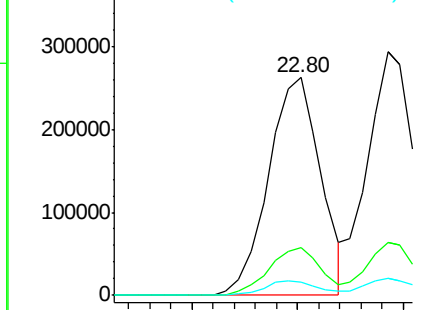
Tot Ion:	252	Resp:	451496
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.2
125	6.1	5.8	8.8

Manual Integrations
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apatel
6/5/2015 5:15:30 PM



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



#88

Benzo(k)fluoranthene

Concen: 42.26 ng

RT: 22.84 min Scan# 3430

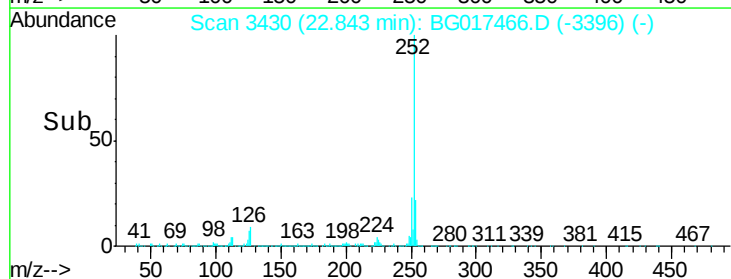
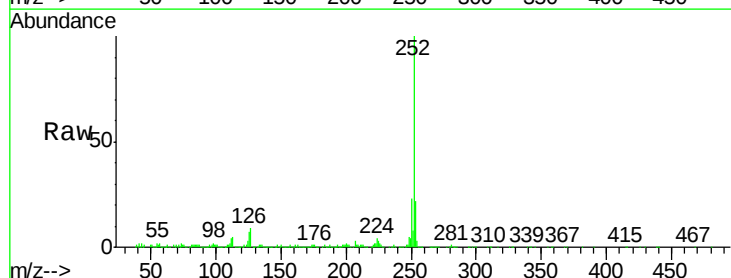
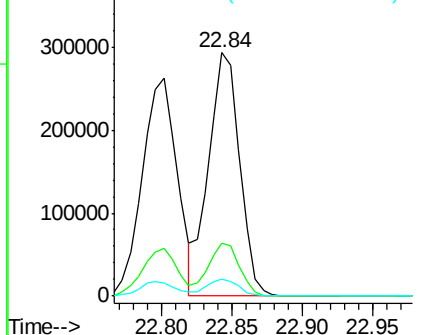
Delta R.T. 0.00 min

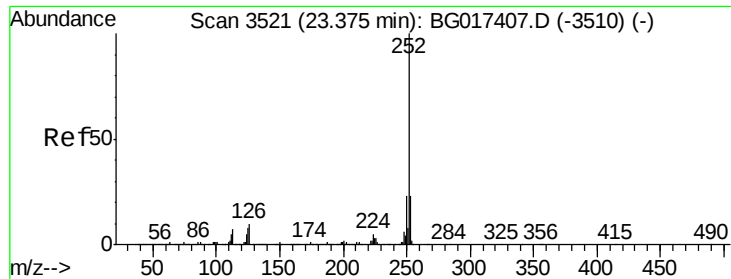
Lab File: BG017466.D

Acq: 5 Jun 2015 7:42

Tgt Ion:	252	Resp:	446606
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.7	26.5
125	6.8	6.5	9.7

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





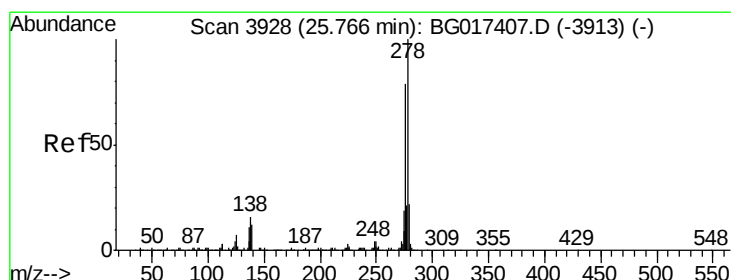
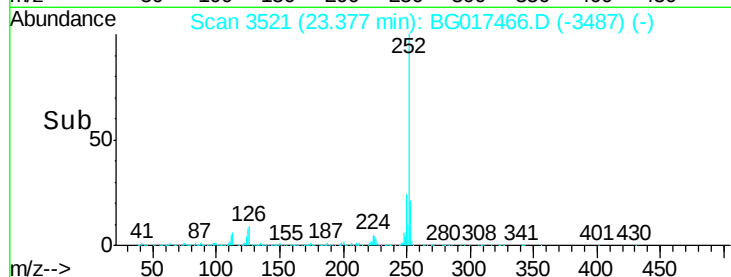
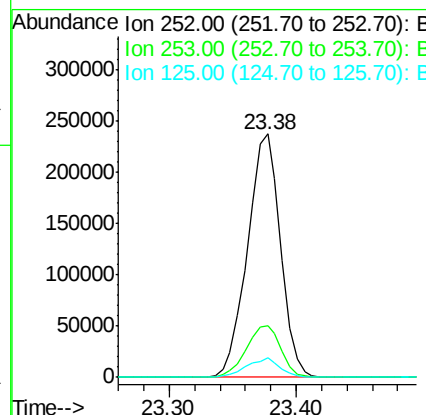
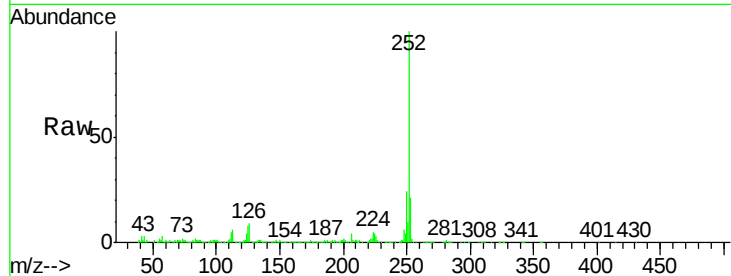
#89
Benzo(a)pyrene
Concen: 42.29 ng
RT: 23.38 min Scan# 3521
Delta R.T. 0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Instrument :
BNA_G
ClientSampleId :
AVE-E-C12.3(5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.1	27.1
125	7.9	6.5	9.7

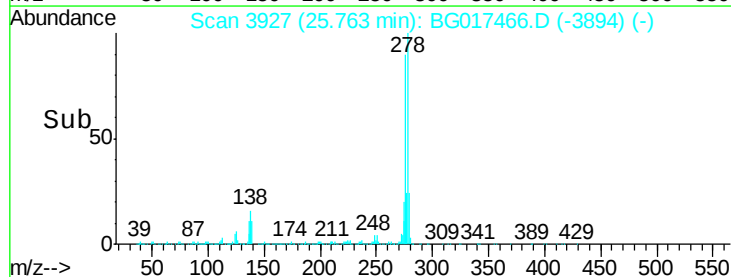
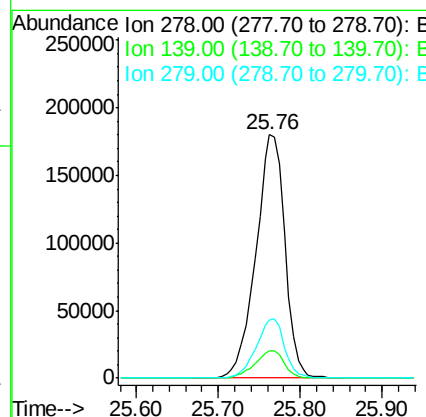
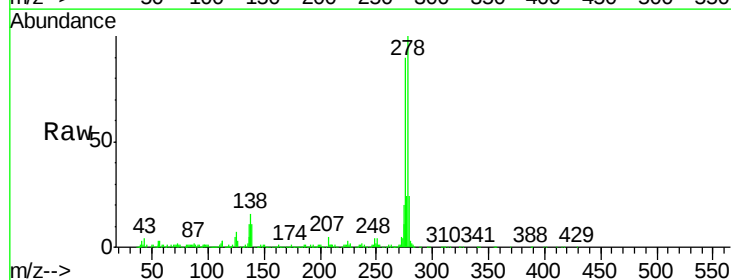
Manual Integrations
APPROVED

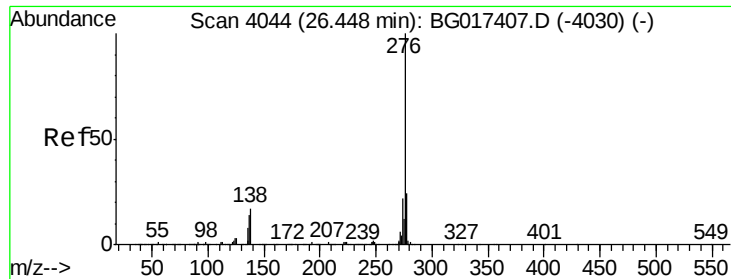
apatel
6/5/2015 5:15:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.13 ng
RT: 25.76 min Scan# 3927
Delta R.T. -0.00 min
Lab File: BG017466.D
Acq: 5 Jun 2015 7:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.4	9.4	14.0
279	23.7	17.8	26.8





#91
 Benzo(a,h,i)perylene
 Concen: 41.71 ng
 RT: 26.45 min Scan# 4044
 Delta R.T. 0.00 min
 Lab File: BG017466.D
 Acq: 5 Jun 2015 7:42

Instrument :
 BNA_G
 ClientSampleId :
 AVE-E-C12.3(5)MS

Tot Ion:	276	Resp:	417773
Ion Ratio	Lower	Upper	
276	100		
277	24.6	19.2	28.8
138	14.5	13.5	20.3

Manual Integrations
 APPROVED

apatel
 6/5/2015 5:15:30 PM

