

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
 Data File : BG017467.D
 Acq On : 5 Jun 2015 8:17
 Operator : TP/IZ
 Sample : G2450-30MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Manual Integrations
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 6/5/2015 5:15:34 PM

Quant Time: Jun 05 15:25:45 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	7.62	152	20821	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	87554	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	59541	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	144365	20.00	ng	0.00
75) Chrysene-d12	21.24	240	170509	20.00	ng	0.00
86) Perylene-d12	23.47	264	165942	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	171533	145.14	ng	0.01
7) Phenol-d6	6.85	99	235301	146.15	ng	0.01
23) Nitrobenzene-d5	8.79	82	145038	82.69	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	118365	143.13	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	308525	78.17	ng	0.00
78) Terphenyl-d14	19.68	244	588872	71.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.07	88	14828	27.88	ng	# 85
3) Pyridine	3.47	79	47512	33.44	ng	97
4) n-Nitrosodimethylamine	3.40	42	40519	43.51	ng	# 83
6) Aniline	6.96	93	31637	14.64	ng	96
8) 2-Chlorophenol	7.21	128	65441	46.83	ng	96
9) Benzaldehyde	6.77	77	4690	4.29	ng	87
10) Phenol	6.88	94	82299	49.77	ng	97
11) bis(2-Chloroethyl)ether	7.06	93	52362	41.56	ng	97
12) 1,3-Dichlorobenzene	7.51	146	61419	39.31	ng	93
13) 1,4-Dichlorobenzene	7.66	146	64451	39.37	ng	98
14) 1,2-Dichlorobenzene	7.97	146	60987	39.79	ng	97
15) Benzyl Alcohol	7.88	79	63644	42.46	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.17	45	83730	39.43	ng	98
17) 2-Methylphenol	8.12	107	58101	46.30	ng	95
18) Hexachloroethane	8.70	117	26582	40.70	ng	93
19) n-Nitroso-di-n-propylamine	8.44	70	49786	36.55	ng	90
20) 3+4-Methylphenols	8.44	107	77469	44.62	ng	# 63
22) Acetophenone	8.45	105	88980	41.46	ng	# 84
24) Nitrobenzene	8.83	77	75266	41.34	ng	96
25) Isophorone	9.36	82	130660	35.62	ng	98
26) 2-Nitrophenol	9.54	139	36409	43.12	ng	89
27) 2,4-Dimethylphenol	9.63	122	63967	46.59	ng	96
28) bis(2-Chloroethoxy)methane	9.84	93	66729	39.82	ng	99
29) 2,4-Dichlorophenol	10.11	162	71062	53.11	ng	94
30) 1,2,4-Trichlorobenzene	10.29	180	66306	42.14	ng	99
31) Naphthalene	10.47	128	187824	41.06	ng	98
32) Benzoic acid	9.77	122	5677	6.54	ng	# 74
33) 4-Chloroaniline	10.59	127	19131	9.43	ng	# 95
34) Hexachlorobutadiene	10.75	225	42625	41.62	ng	98
35) Caprolactam	11.37	113	27112m	36.82	ng	
36) 4-Chloro-3-methylphenol	11.77	107	82915	47.62	ng	91
37) 2-Methylnaphthalene	12.09	142	144123	40.99	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.47	216	77333	42.68	ng	98
40) Hexachlorocyclopentadiene	12.45	237	41487	42.31	ng	92

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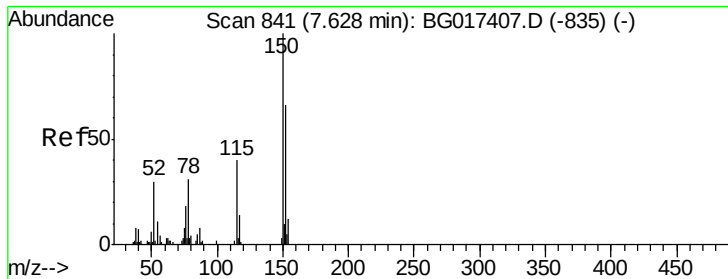
Manual Integrations
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 6/5/2015 5:15:34 PM

Quant Time: Jun 05 15:25:45 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)
42) 2,4,6-Trichlorophenol	12.73	196	60315	46.49	nq	96
43) 2,4,5-Trichlorophenol	12.84	196	71206	50.11	nq	95
45) 1,1'-Biphenyl	13.12	154	183952	42.27	nq	97
46) 2-Chloronaphthalene	13.16	162	150125	41.26	nq	95
47) 2-Nitroaniline	13.38	65	58974	43.89	nq	97
48) Acenaphthylene	14.01	152	256043	39.95	nq	98
49) Dimethylphthalate	13.76	163	223756	43.17	nq	100
50) 2,6-Dinitrotoluene	13.88	165	45433	39.02	nq	94
51) Acenaphthene	14.36	154	148288	39.24	nq	96
52) 3-Nitroaniline	14.21	138	27577	21.87	nq	# 93
53) 2,4-Dinitrophenol	14.43	184	24567	37.69	nq	97
54) Dibenzofuran	14.70	168	238565	42.79	nq	99
55) 4-Nitrophenol	14.60	139	72499	72.13	nq	94
56) 2,4-Dinitrotoluene	14.67	165	65650	39.58	nq	88
57) Fluorene	15.34	166	211383	41.82	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.94	232	58751m	45.32	nq	
59) Diethylphthalate	15.13	149	210849	37.48	nq	98
60) 4-Chlorophenyl-phenylether	15.34	204	108594	42.40	nq	99
61) 4-Nitroaniline	15.38	138	48038	34.59	nq	# 84
62) Azobenzene	15.64	77	213041	39.84	nq	97
64) 4,6-Dinitro-2-methylphenol	15.44	198	39144	36.57	nq	98
65) n-Nitrosodiphenylamine	15.56	169	183384	42.59	nq	98
66) 4-Bromophenyl-phenylether	16.24	248	69201	43.30	nq	94
67) Hexachlorobenzene	16.35	284	74579	43.41	nq	92
68) Atrazine	16.52	200	76483	40.36	nq	96
69) Pentachlorophenol	16.71	266	72908	70.06	nq	94
70) Phenanthrene	17.09	178	318245	39.54	nq	98
71) Anthracene	17.18	178	327571	40.74	nq	96
72) Carbazole	17.46	167	305664	38.50	nq	98
73) Di-n-butylphthalate	18.02	149	389964	38.35	nq	99
74) Fluoranthene	19.11	202	396761	37.69	nq	99
76) Benzidine	19.30	184	109444	18.68	nq	99
77) Pyrene	19.47	202	402455	38.31	nq	99
79) Butylbenzylphthalate	20.38	149	182585	40.17	nq	99
80) Benzo(a)anthracene	21.22	228	409066	39.01	nq	98
81) 3,3'-Dichlorobenzidine	21.16	252	88157	22.50	nq	98
82) Chrysene	21.27	228	382223	40.25	nq	98
83) Bis(2-ethylhexyl)phthalate	21.15	149	268030	40.89	nq	99
84) Di-n-octyl phthalate	22.02	149	452291	41.15	nq	98
85) Indeno(1,2,3-cd)pyrene	25.75	276	463681	38.89	nq	97
87) Benzo(b)fluoranthene	22.80	252	411812	39.16	nq	99
88) Benzo(k)fluoranthene	22.85	252	381991	37.96	nq	99
89) Benzo(a)pyrene	23.37	252	392787	40.73	nq	98
90) Dibenzo(a,h)anthracene	25.77	278	400002	39.92	nq	97
91) Benzo(g,h,i)perylene	26.45	276	383734	40.23	nq	97

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



#1

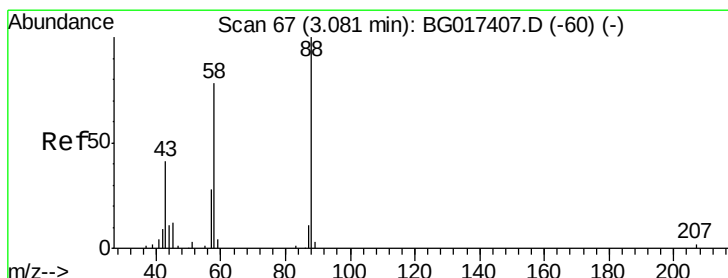
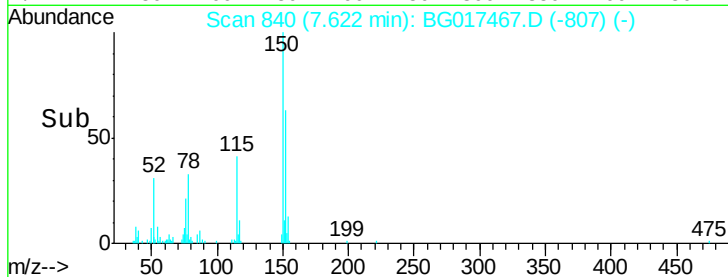
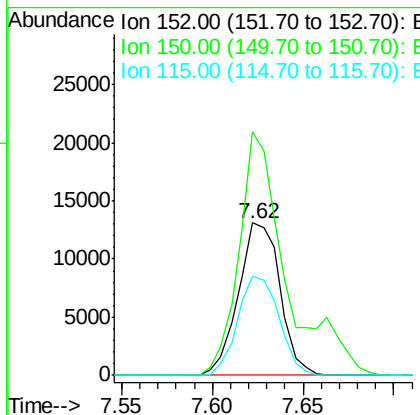
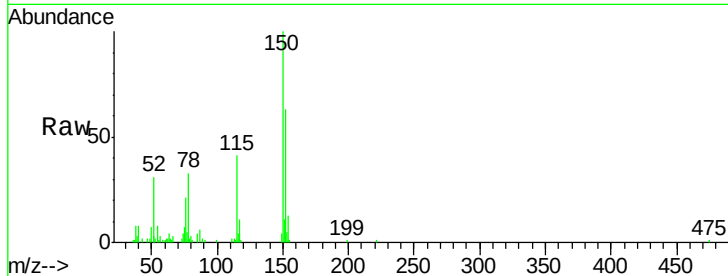
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Concen: 20.00 ng
RT: 7.62 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	121.7	182.5
115	65.1	48.6	73.0

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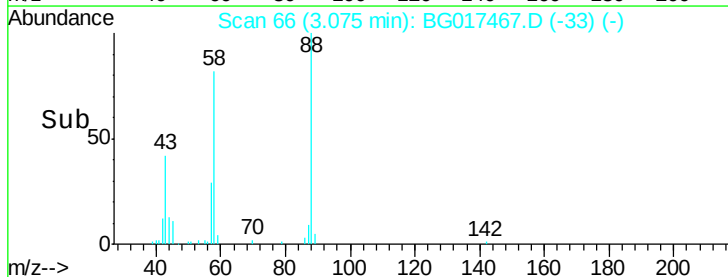
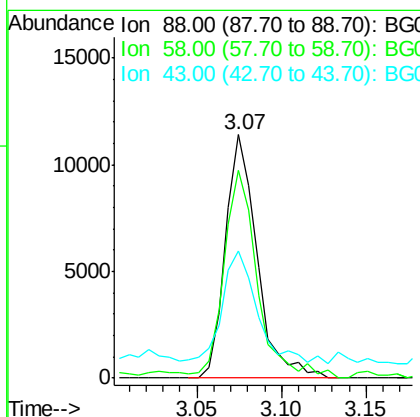
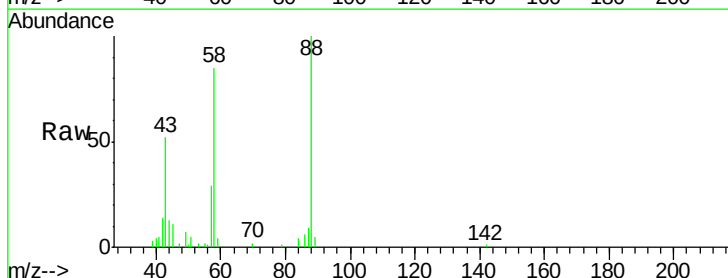
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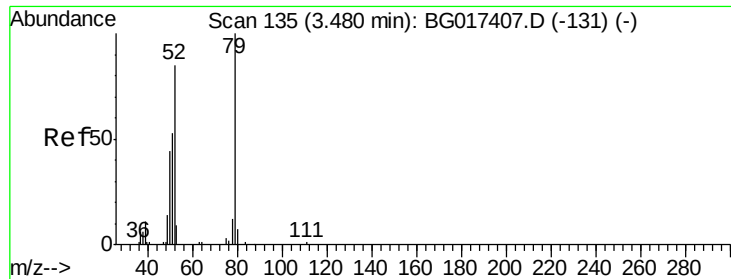


#2

1,4-Dioxane
Concen: 27.88 ng
RT: 3.07 min Scan# 66
Delta R.T. -0.01 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.2	59.0	88.6#
43	48.5	34.5	51.7





#3

Pvridine

Concen: 33.44 ng

RT: 3.47 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG017467.D

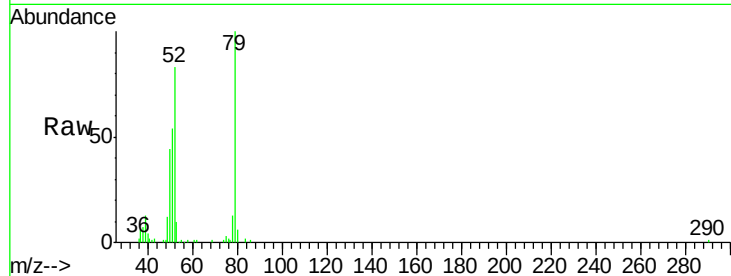
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Instrument :

BNA_G

ClientSampleId :

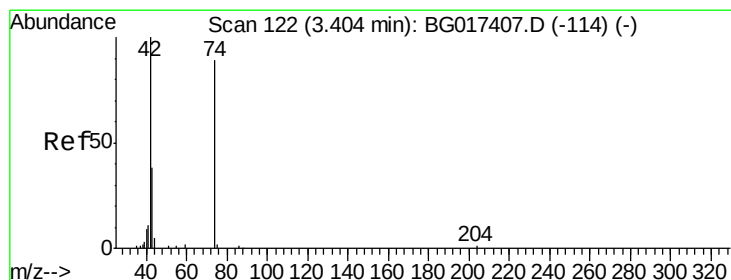
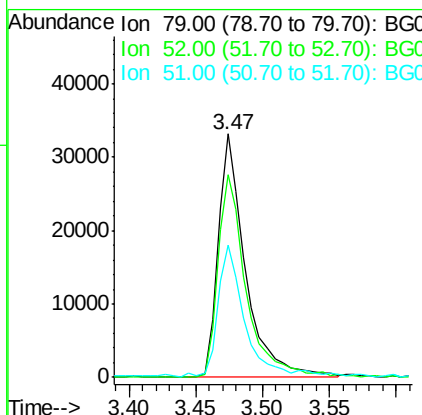
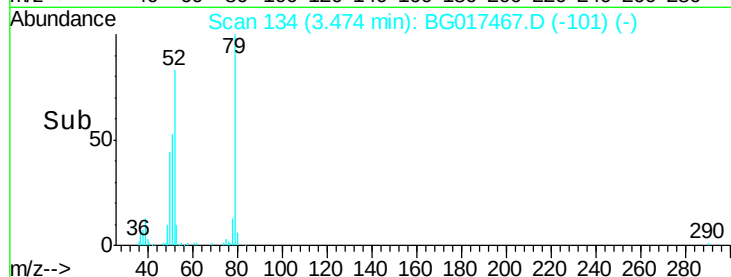
AVE-E-C12.3(5)MSD



Tot Ion:	79	Resp:	47512
Ion Ratio	Lower	Upper	
79	100		
52	83.0	68.3	102.5
51	54.3	45.0	67.4

Manual Integrations
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#4

n-Nitrosodimethylamine

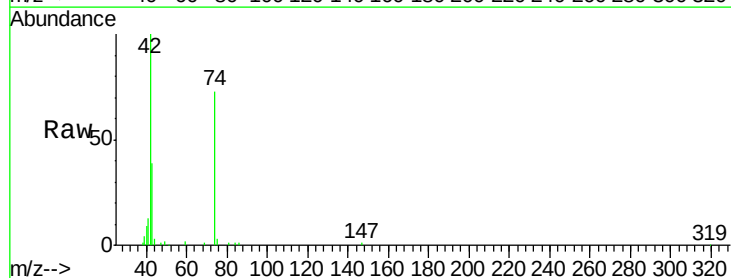
Concen: 43.51 ng

RT: 3.40 min Scan# 121

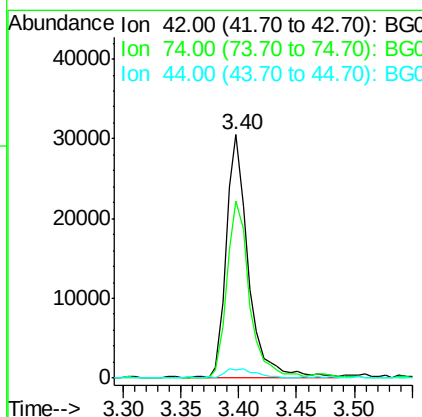
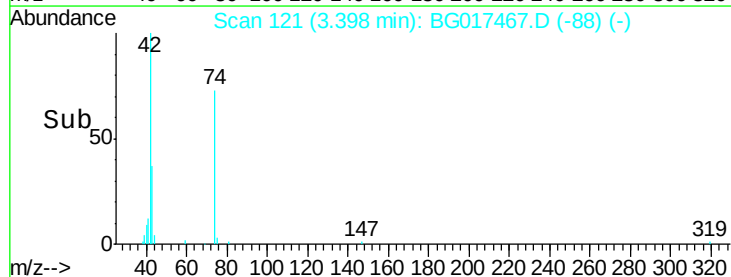
Delta R.T. -0.01 min

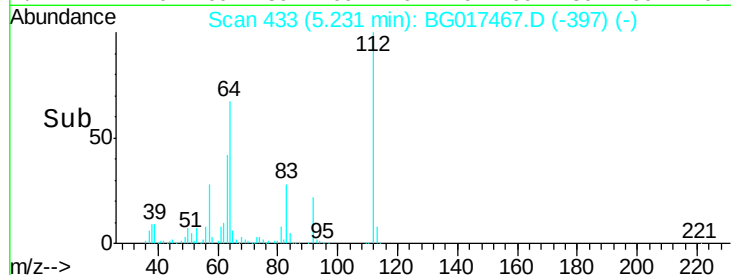
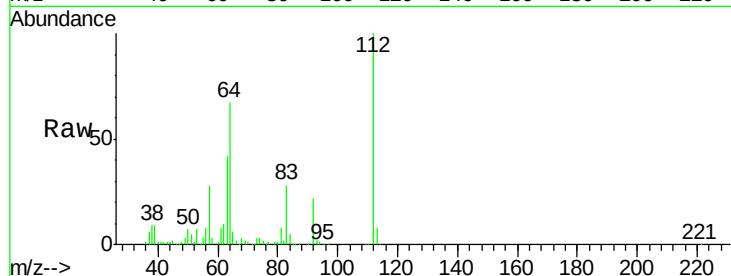
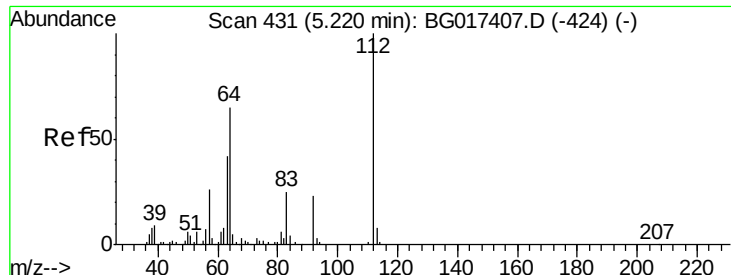
Lab File: BG017467.D

Acq: 5 Jun 2015 8:17



Tgt Ion:	42	Resp:	40519
Ion Ratio	Lower	Upper	
42	100		
74	72.9	71.4	107.2
44	3.5	4.5	6.7#





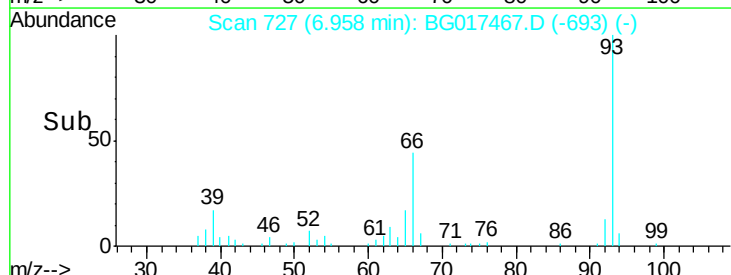
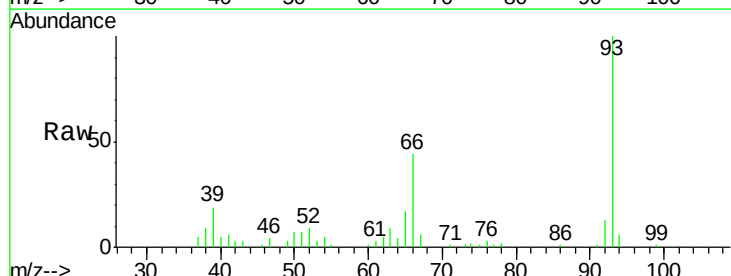
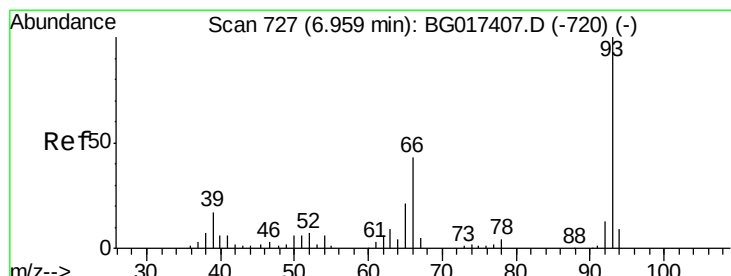
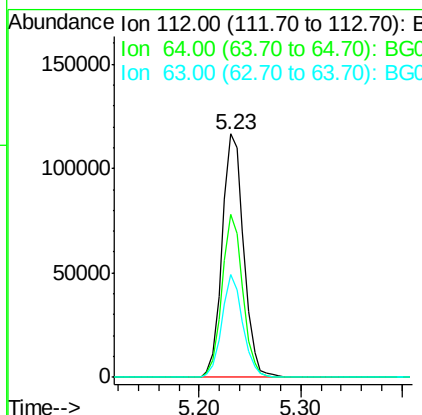
#5
2-Fluorophenol
Concen: 145.14 ng
RT: 5.23 min Scan# 433
Delta R.T. 0.01 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	67.0	51.6	77.4
63	42.4	33.3	49.9

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

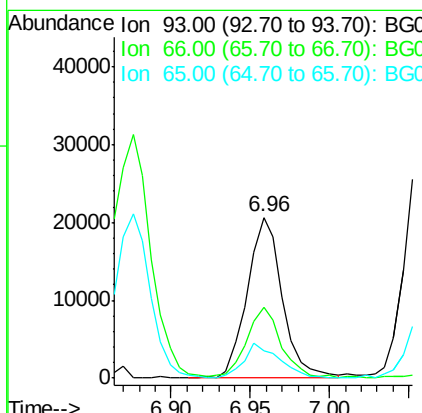
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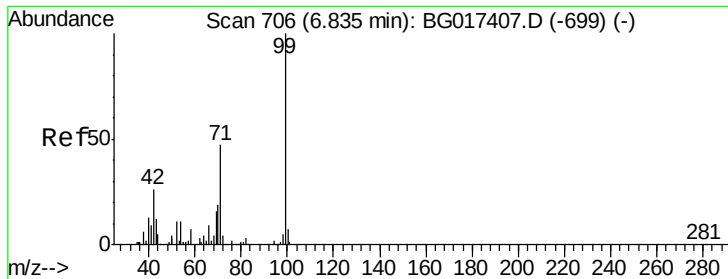
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#6
Aniline
Concen: 14.64 ng
RT: 6.96 min Scan# 727
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	43.9	34.3	51.5
65	17.1	17.0	25.4





#7

Phenol-d6

Concen: 146.15 ng

RT: 6.85 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG017467.D

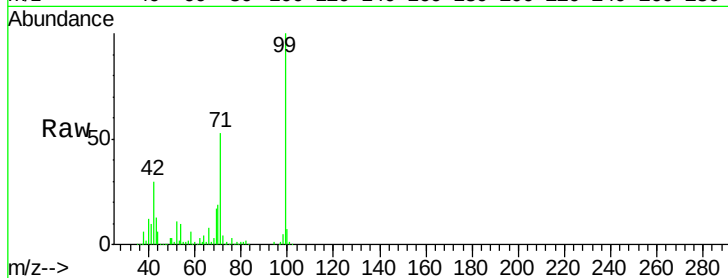
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Instrument :

BNA_G

ClientSampleId :

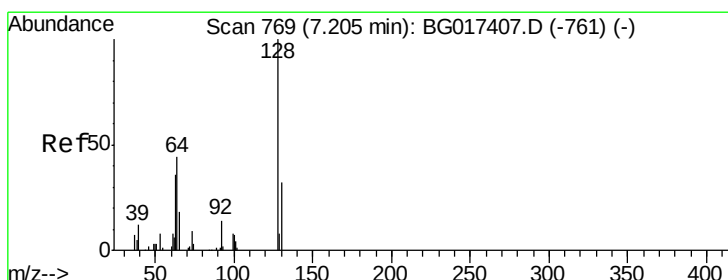
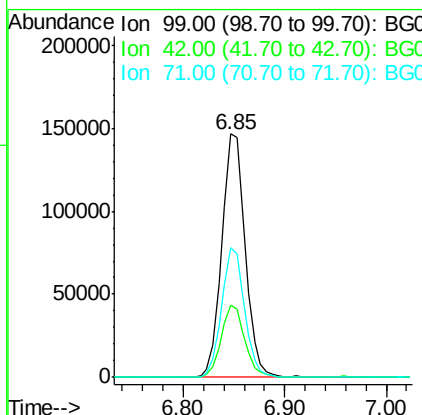
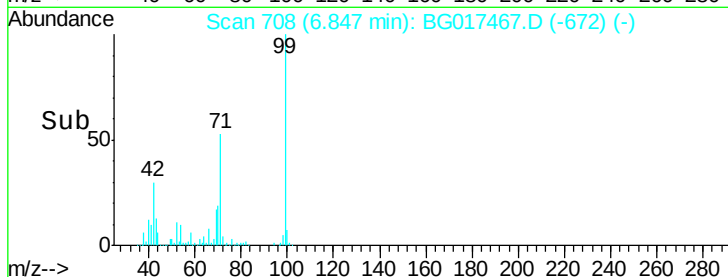
AVE-E-C12.3(5)MSD



Tot Ion	Ratio	Resp	Lower	Upper
99	100	235301		
42	29.5	21.0	31.6	
71	53.3	37.2	55.8	

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#8

2-Chlorophenol

Concen: 46.83 ng

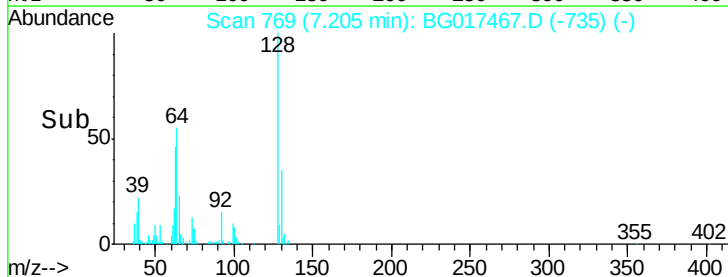
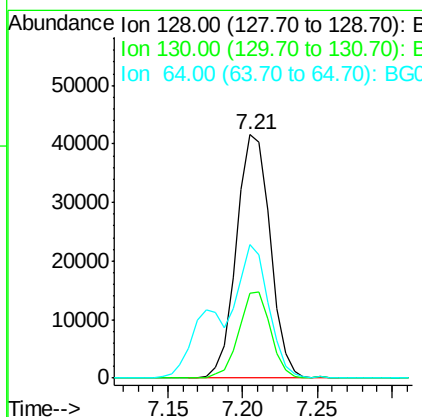
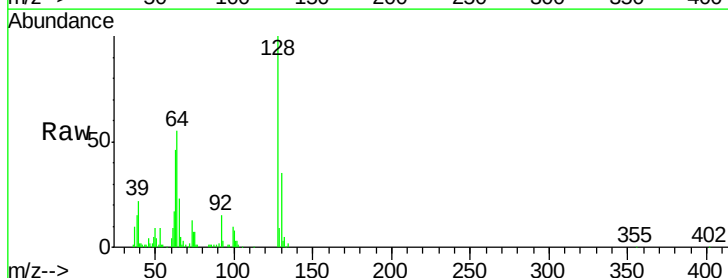
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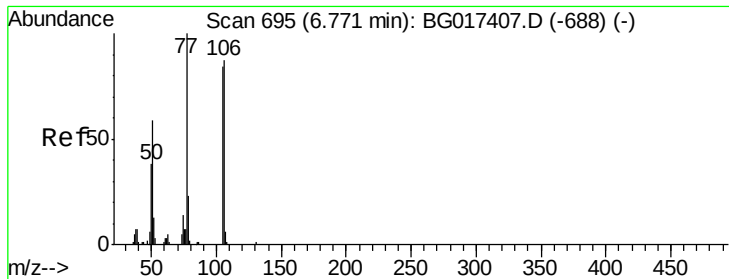
Delta R.T. -0.00 min

Lab File: BG017467.D

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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	65441		
130	34.9	11.7	51.7	
64	55.0	32.5	72.5	





#9

Benzaldehyde

Concen: 4.29 ng

RT: 6.77 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG017467.D

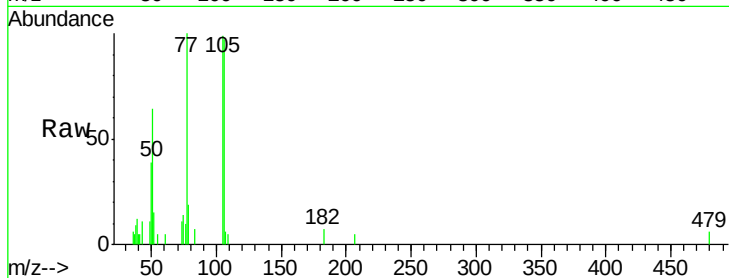
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Instrument :

BNA_G

ClientSampleId :

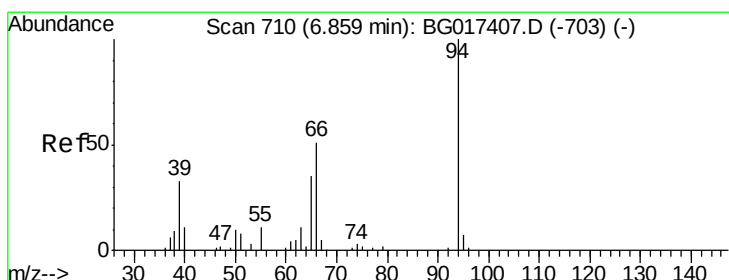
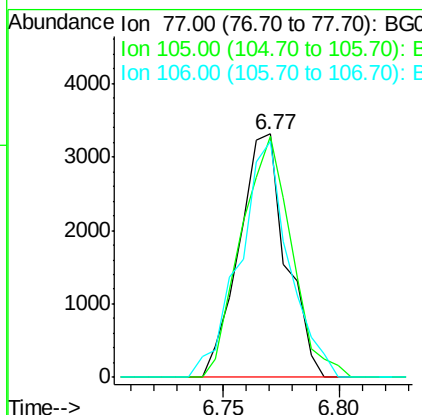
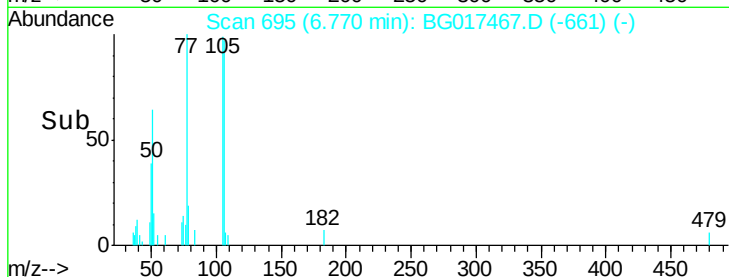
AVE-E-C12.3(5)MSD



Tot Ion:	77	Resp:	4690
Ion	Ratio	Lower	Upper
77	100		
105	99.2	64.0	104.0
106	96.7	67.2	107.2

Manual Integrations
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#10

Phenol

Concen: 49.77 ng

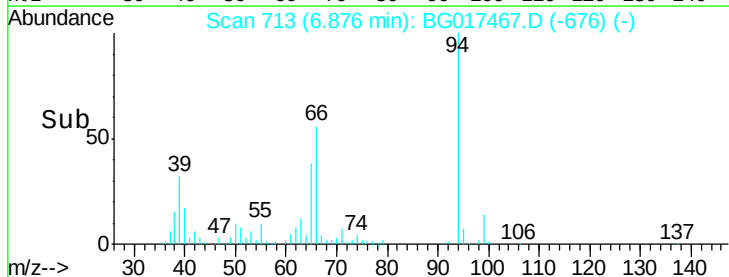
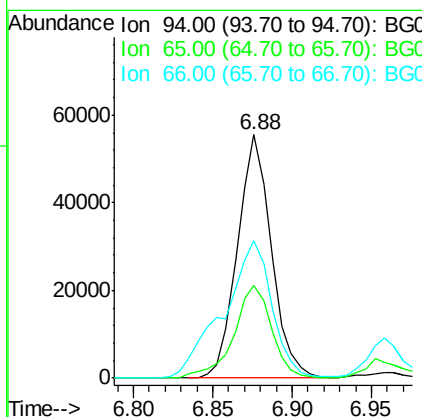
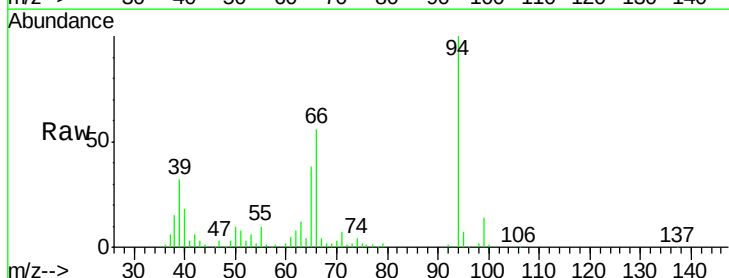
RT: 6.88 min Scan# 713

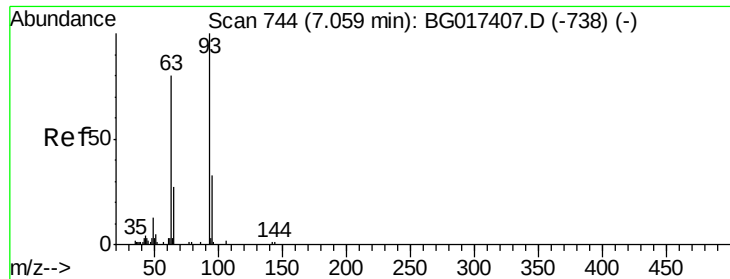
Delta R.T. 0.02 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Tgt Ion:	94	Resp:	82299
Ion	Ratio	Lower	Upper
94	100		
65	38.0	15.9	55.9
66	56.3	34.9	74.9





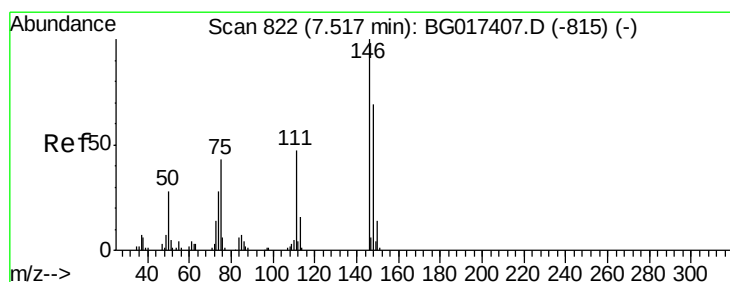
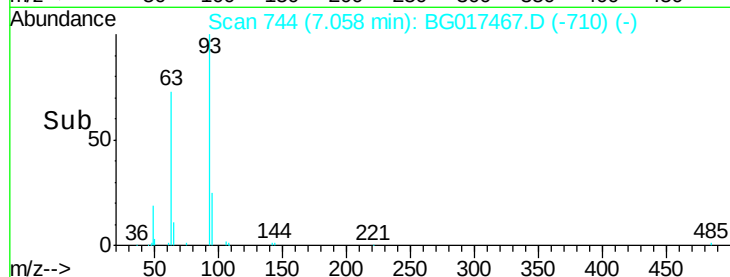
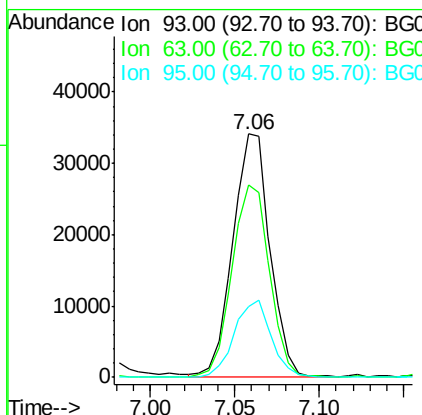
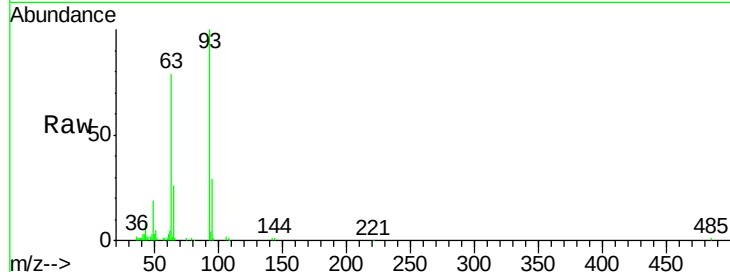
#11
bis(2-Chloroethyl)ether
Concen: 41.56 ng
RT: 7.06 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.9	59.7	99.7
95	29.1	13.2	53.2

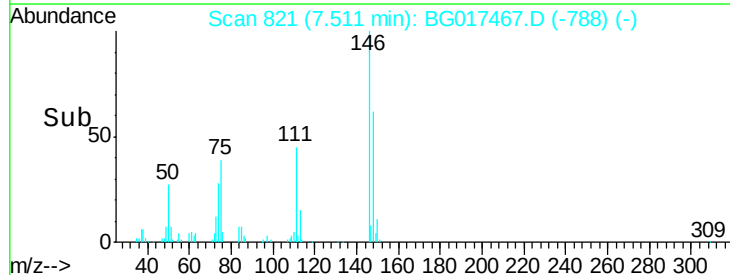
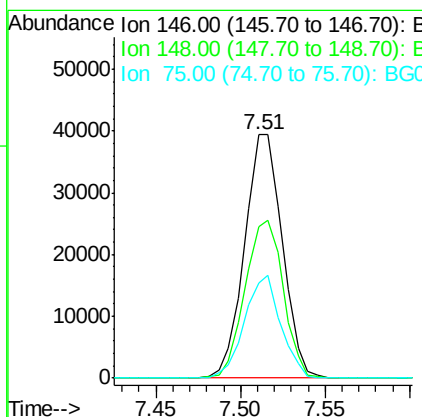
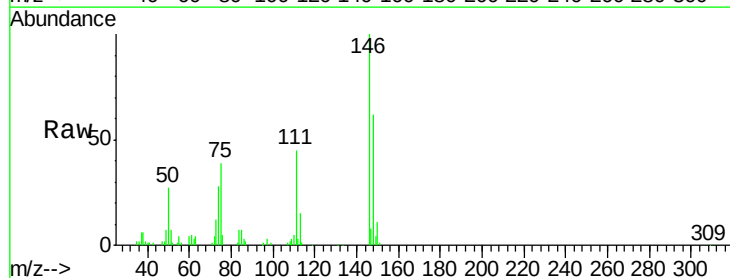
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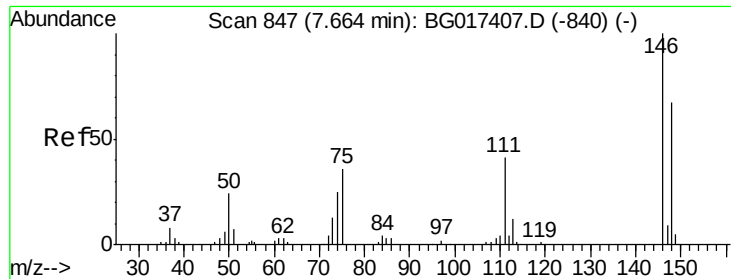
apatel
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#12
1,3-Dichlorobenzene
Concen: 39.31 ng
RT: 7.51 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	55.2	82.8
75	39.3	34.1	51.1





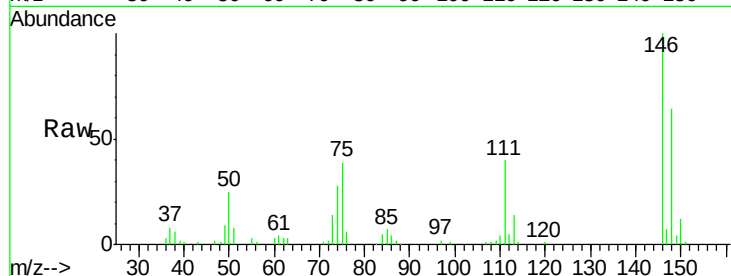
#13
 1,4-Dichlorobenzene
 Concen: 39.37 ng
 RT: 7.66 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

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

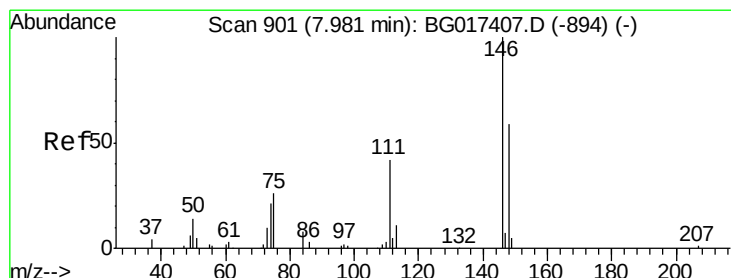
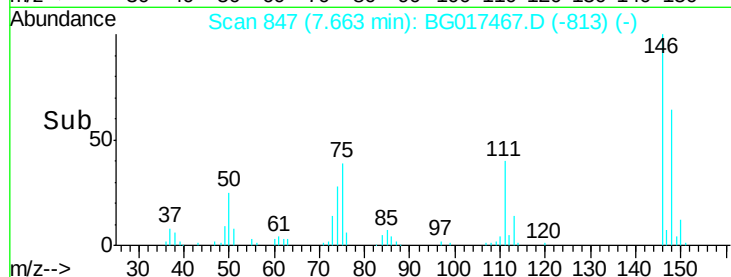
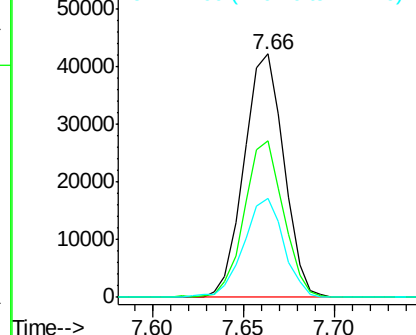
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.2	79.8
111	40.4	33.2	49.8

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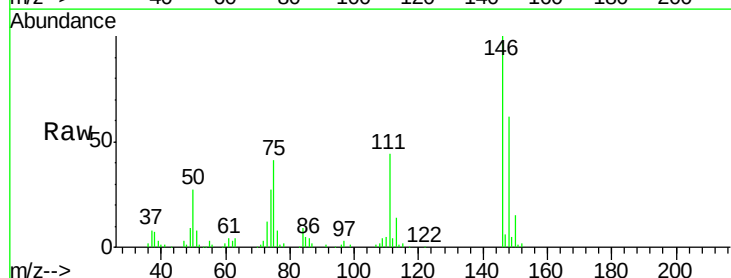


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

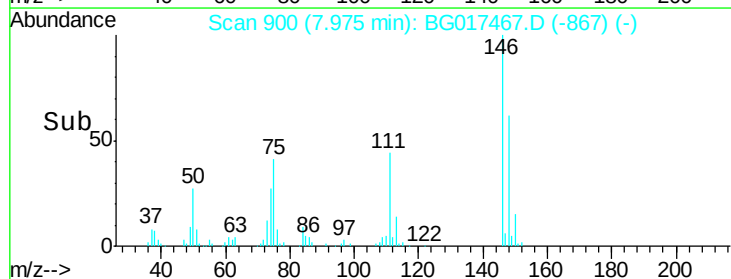
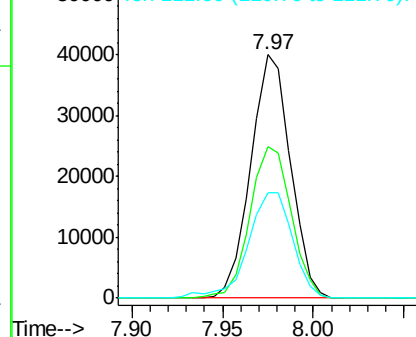


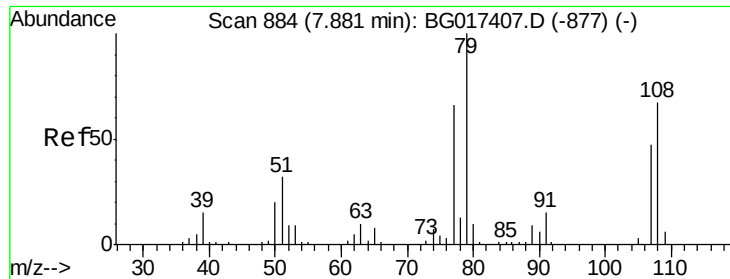
#14
 1,2-Dichlorobenzene
 Concen: 39.79 ng
 RT: 7.97 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	46.9	70.3
111	43.5	35.0	52.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.46 ng

RT: 7.88 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Instrument :

BNA_G

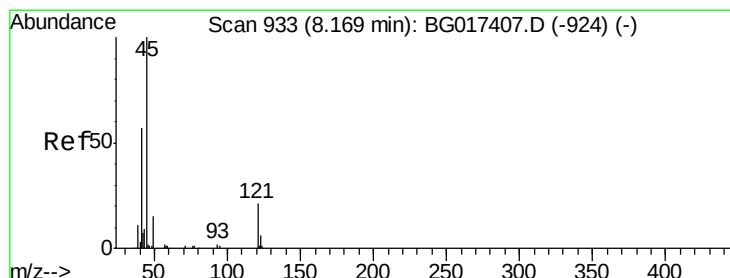
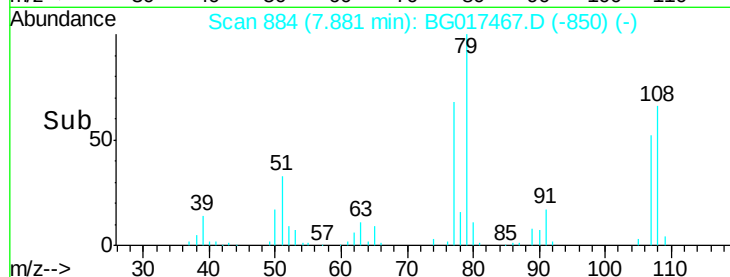
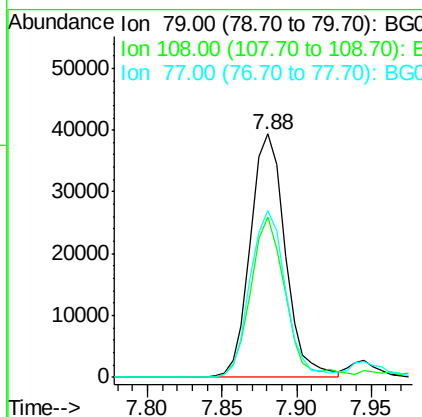
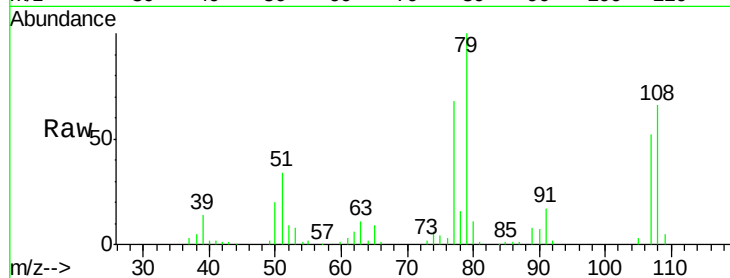
ClientSampleId :

AVE-E-C12.3(5)MSD

Tot Ion:	79	Resp:	63644
Ion Ratio	Lower	Upper	
79	100		
108	66.1	53.7	80.5
77	68.3	53.0	79.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.43 ng

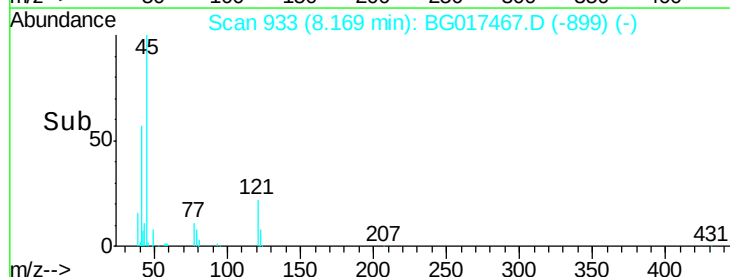
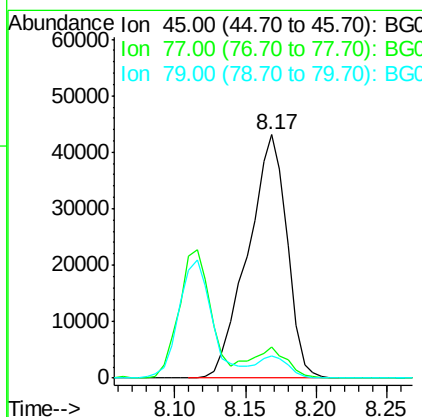
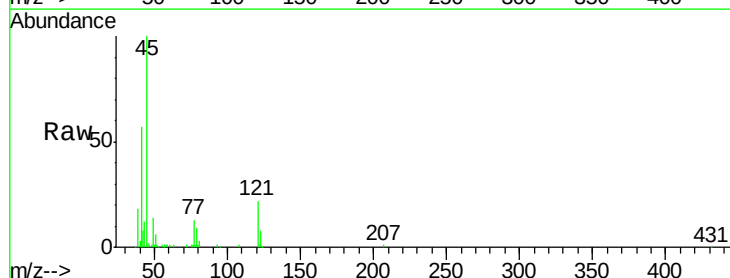
RT: 8.17 min Scan# 933

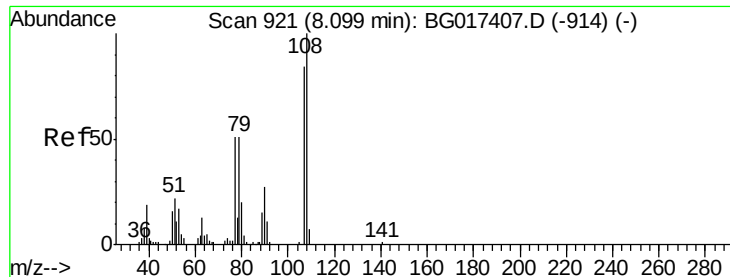
Delta R.T. -0.00 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Tgt Ion:	45	Resp:	83730
Ion Ratio	Lower	Upper	
45	100		
77	12.8	0.0	33.9
79	9.0	0.0	29.0





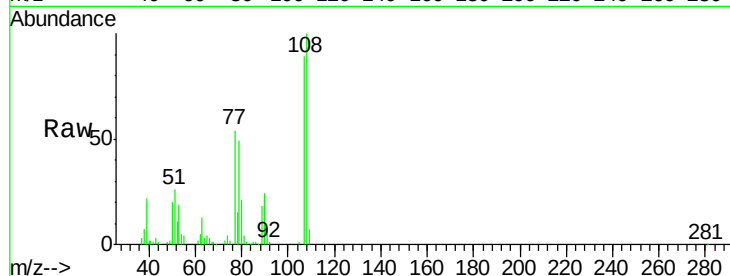
#17
2-Methylphenol
Concen: 46.30 ng
RT: 8.12 min Scan# 924
Delta R.T. 0.02 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

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

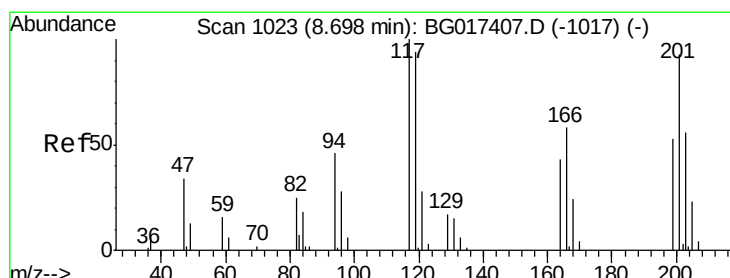
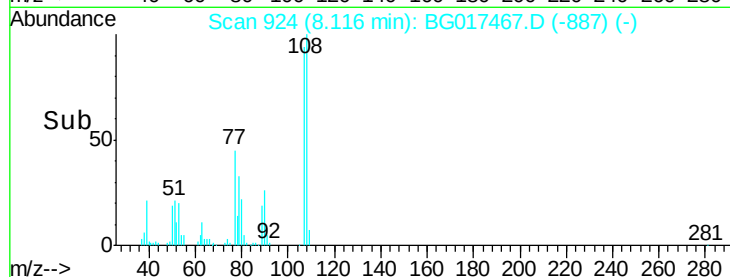
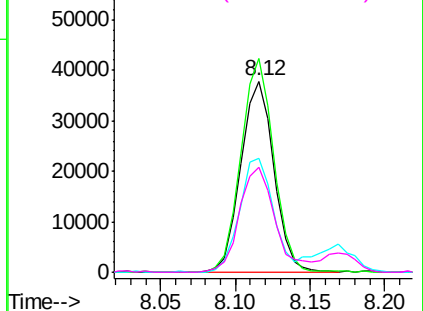
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	111.9	95.4	143.0	
77	77	60.0	48.8	73.2	
79	79	55.3	48.2	72.4	

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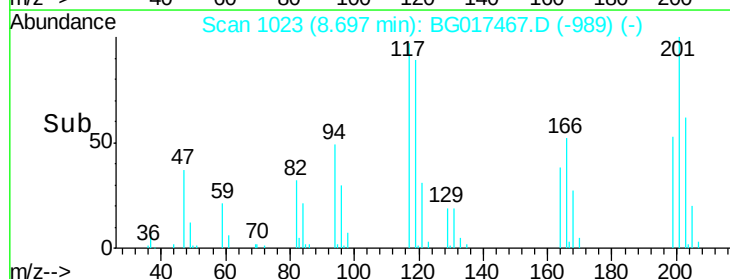
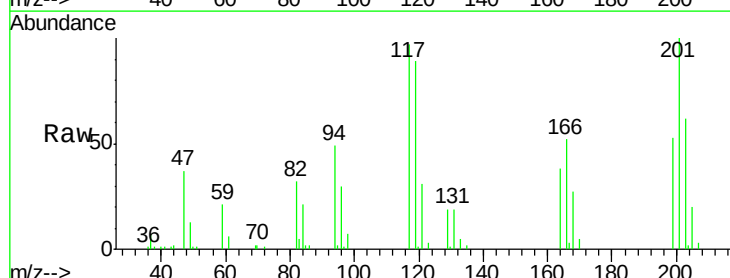
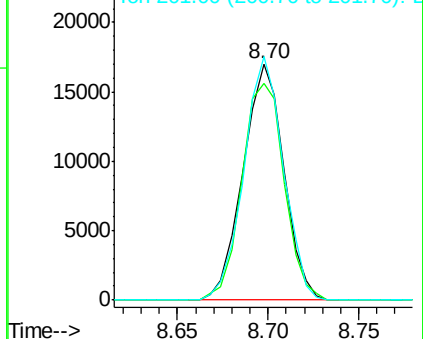
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

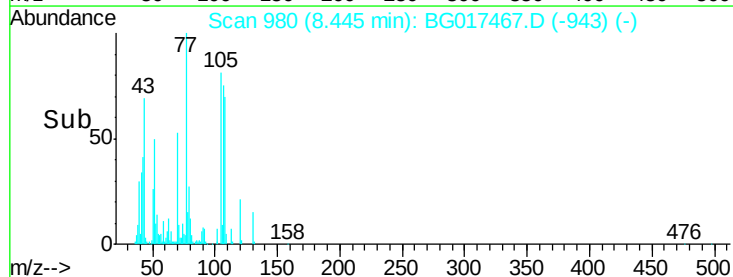
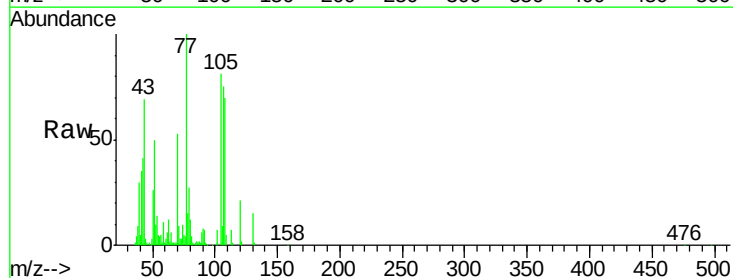
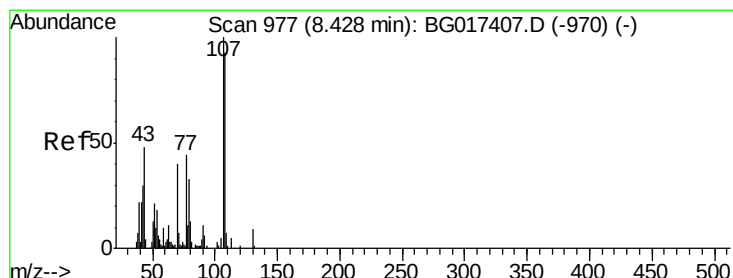
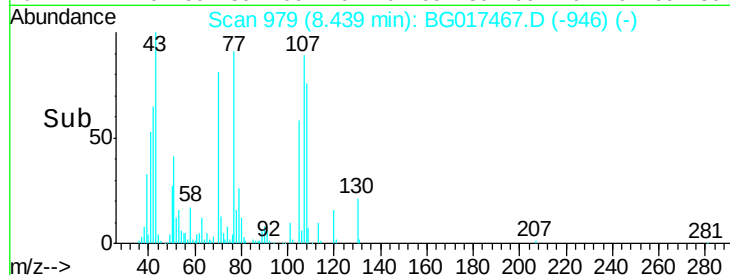
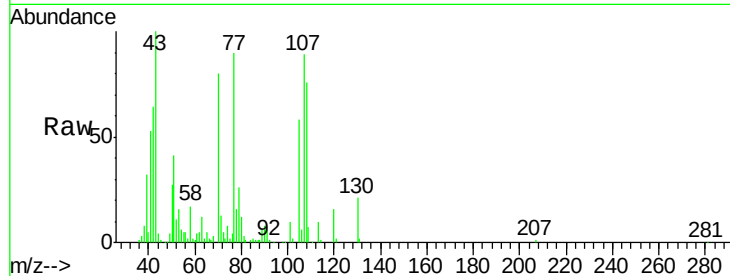
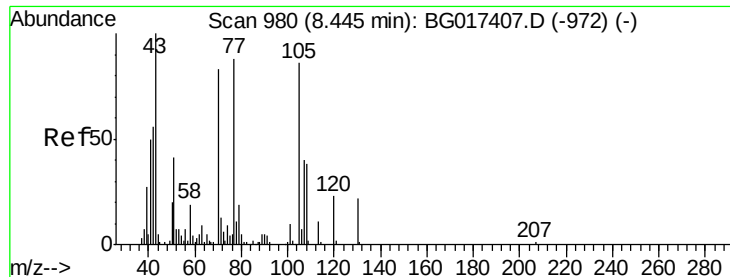


#18
Hexachloroethane
Concen: 40.70 ng
RT: 8.70 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	91.6	75.0	112.4	
201	201	103.1	74.2	111.2	

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





#19

n-Nitroso-di-n-propylamine

Concen: 36.55 ng

RT: 8.44 min Scan# 979

Delta R.T. -0.01 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Instrument :

BNA_G

ClientSampleId :

AVE-E-C12.3(5)MSD

Tot Ion: 70 Resp: 49786

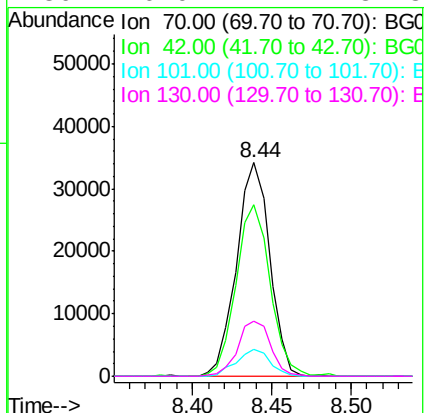
Ion Ratio Lower Upper

70 100

42 80.1 53.8 80.8

101 12.4 9.5 14.3

130 26.0 21.2 31.8



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#20

3+4-Methylphenols

Concen: 44.62 ng

RT: 8.44 min Scan# 980

Delta R.T. 0.02 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Tgt Ion: 107 Resp: 77469

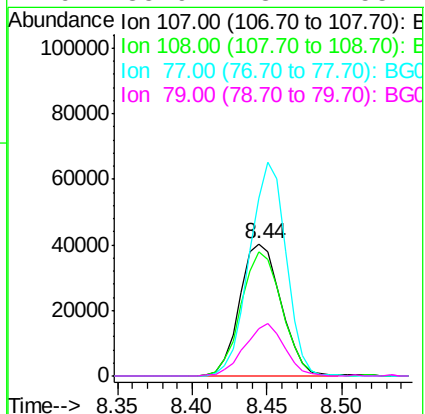
Ion Ratio Lower Upper

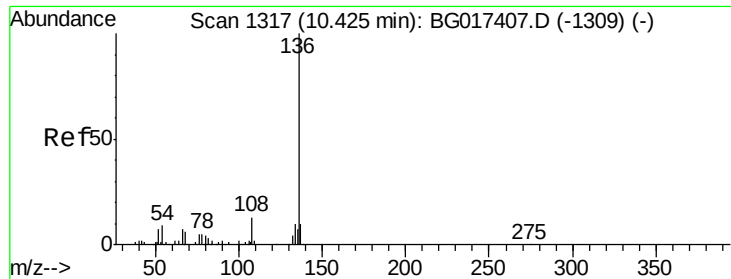
107 100

108 94.0 73.0 113.0

77 134.2 23.9 63.9#

79 35.9 13.4 53.4





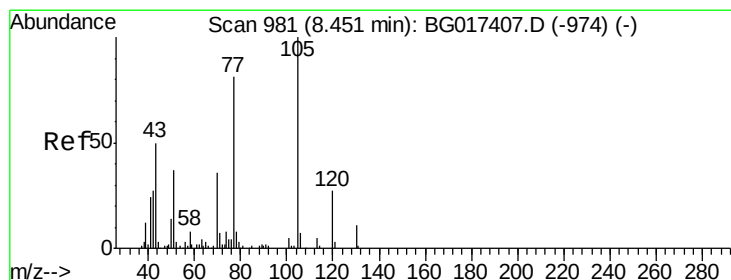
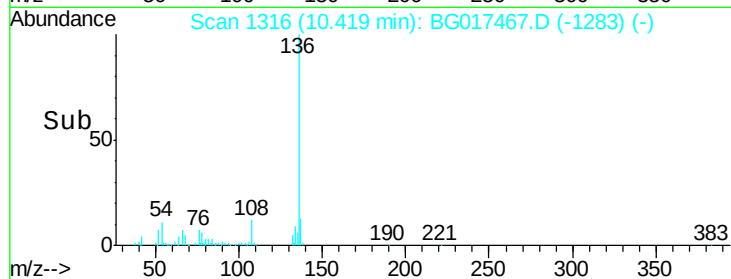
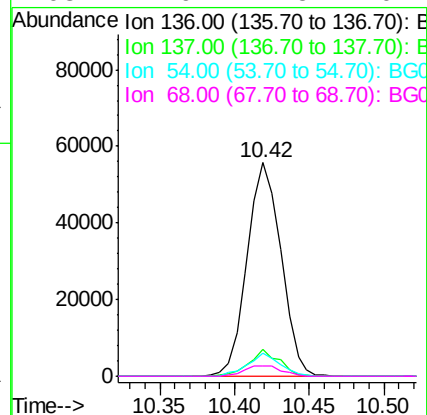
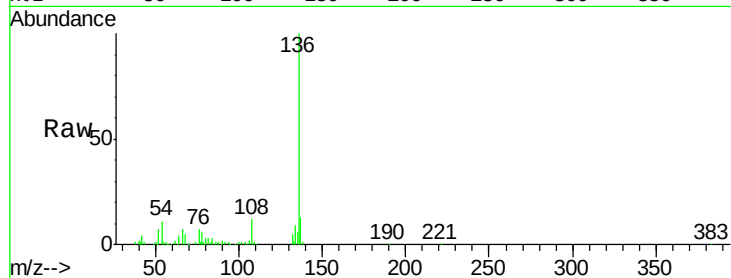
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	12.7		7.9	11.9#	
54	10.7		7.2	10.8	
68	4.9		4.5	6.7	

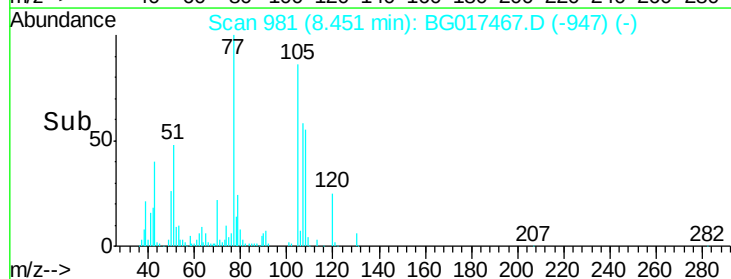
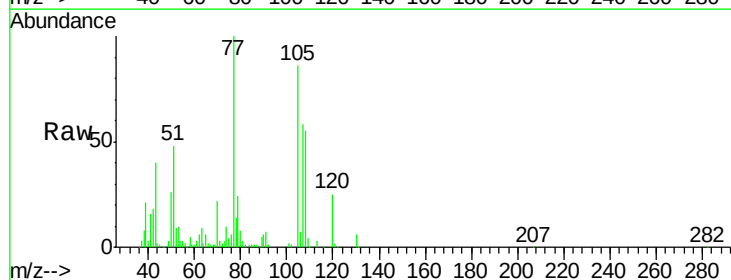
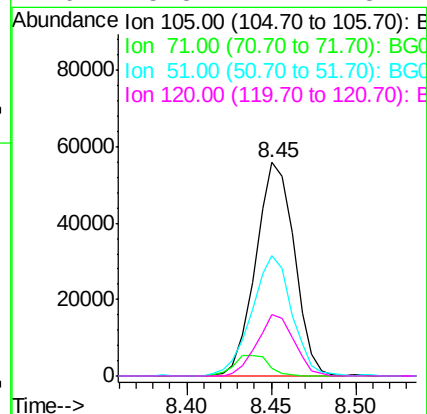
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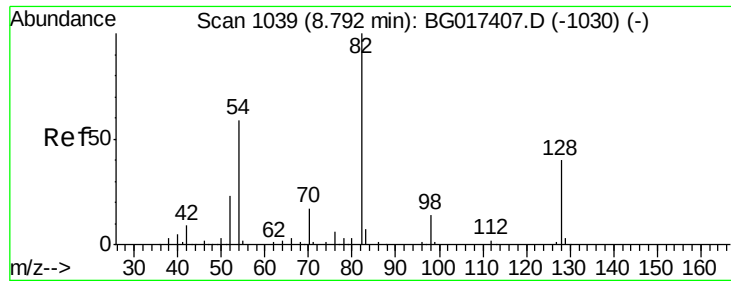
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#22
Acetophenone
Concen: 41.46 ng
RT: 8.45 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	3.5		5.3	7.9#	
51	56.2		32.4	48.6#	
120	28.8		21.4	32.2	





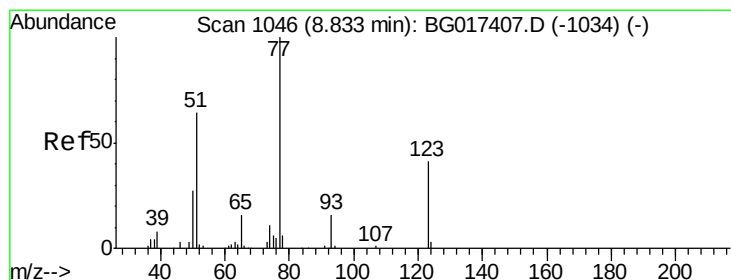
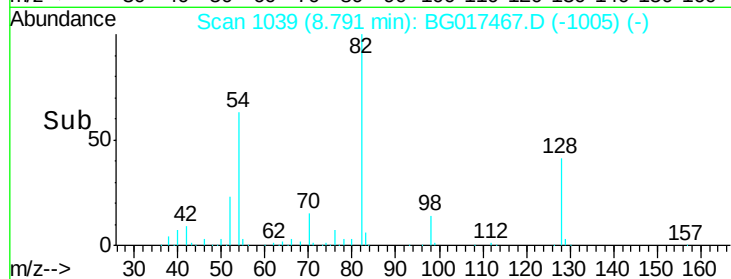
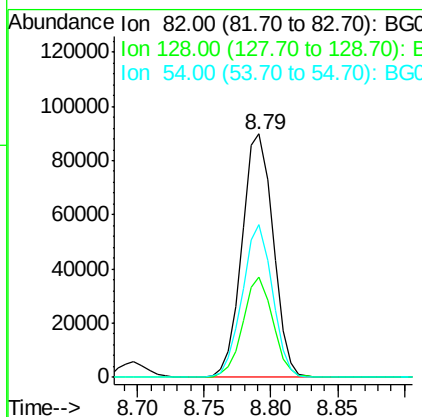
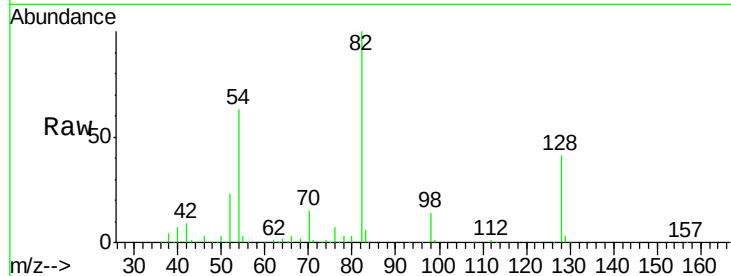
#23
 Nitrobenzene-d5
 Concen: 82.69 ng
 RT: 8.79 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.2	48.4
54	62.6	47.4	71.2

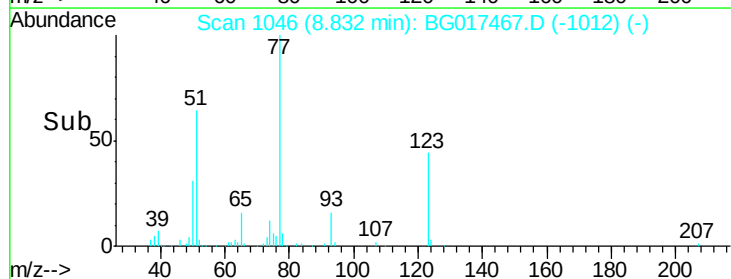
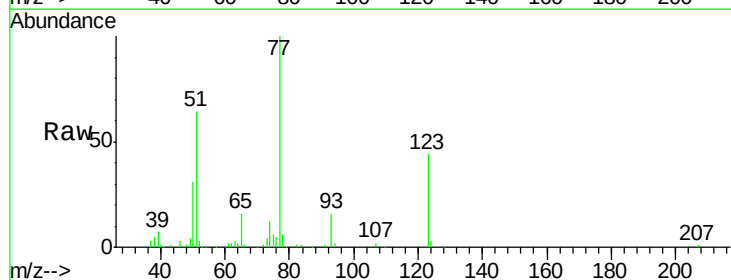
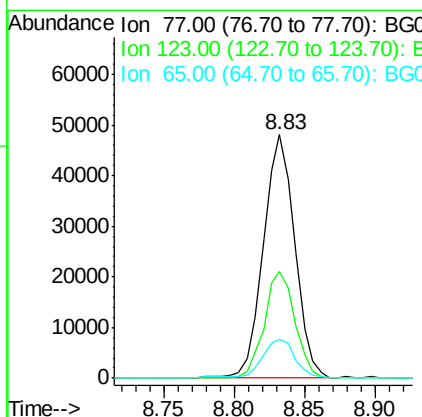
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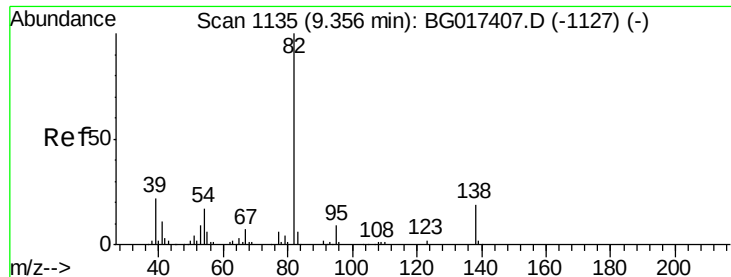
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#24
 Nitrobenzene
 Concen: 41.34 ng
 RT: 8.83 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	32.6	49.0
65	16.2	12.8	19.2





#25

Isophorone

Concen: 35.62 ng

RT: 9.36 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Instrument :

BNA_G

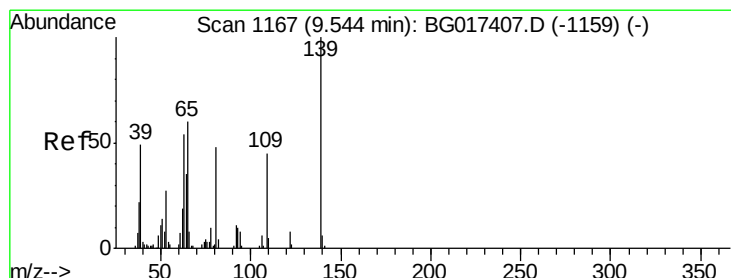
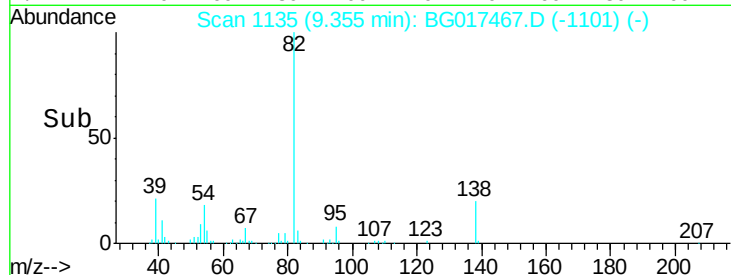
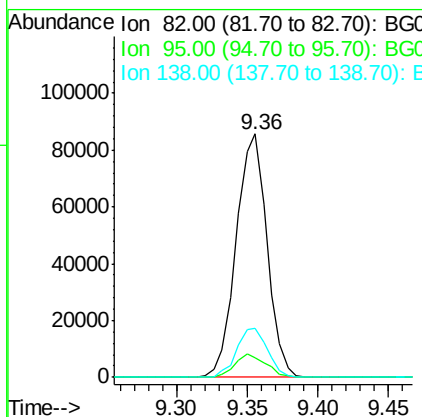
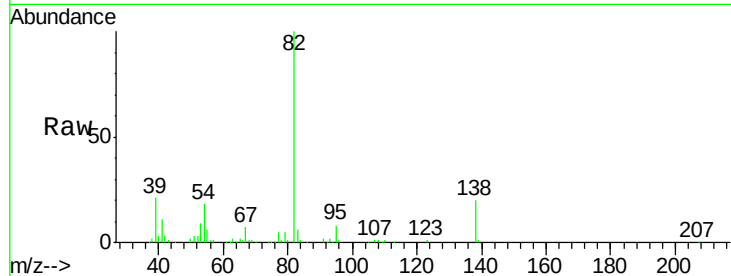
ClientSampleId :

AVE-E-C12.3(5)MSD

Tot Ion:	82	Resp:	130660
Ion Ratio		Lower	Upper
82	100		
95	8.3	7.1	10.7
138	20.4	15.5	23.3

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#26

2-Nitrophenol

Concen: 43.12 ng

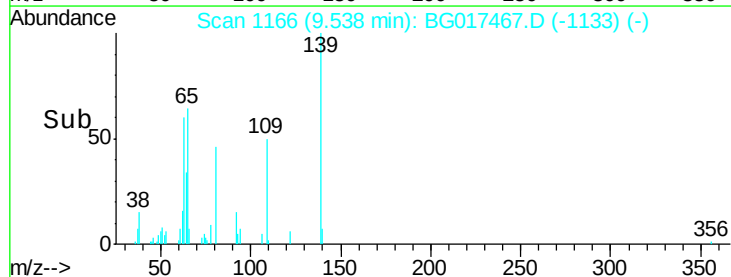
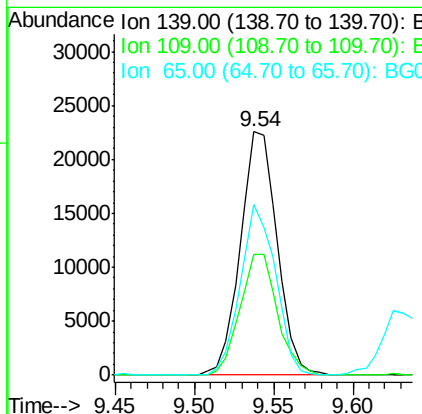
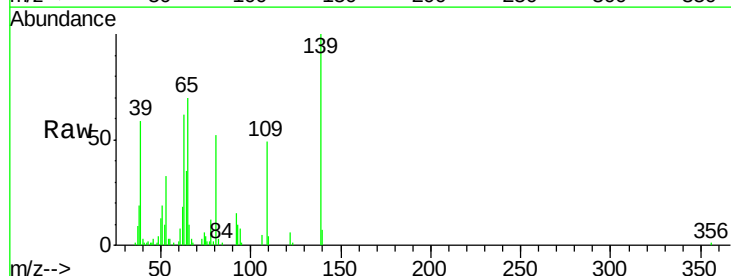
RT: 9.54 min Scan# 1166

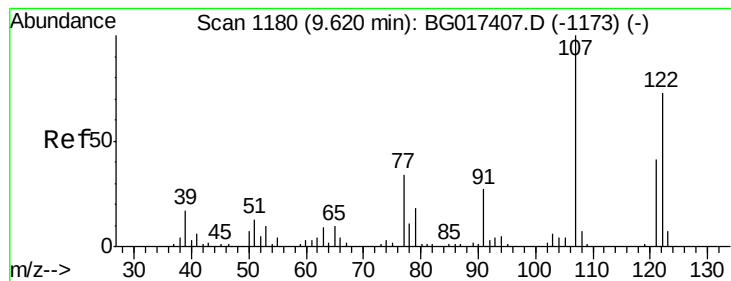
Delta R.T. -0.01 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Tgt Ion:	139	Resp:	36409
Ion Ratio		Lower	Upper
139	100		
109	49.5	35.7	53.5
65	70.1	48.3	72.5





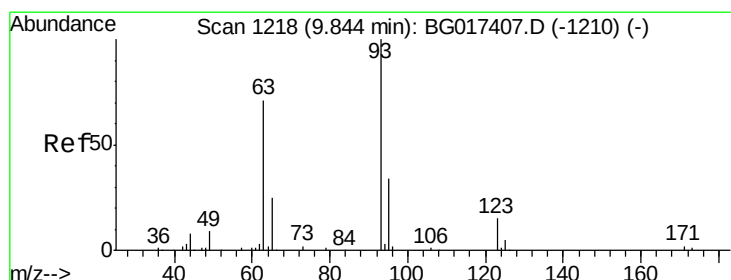
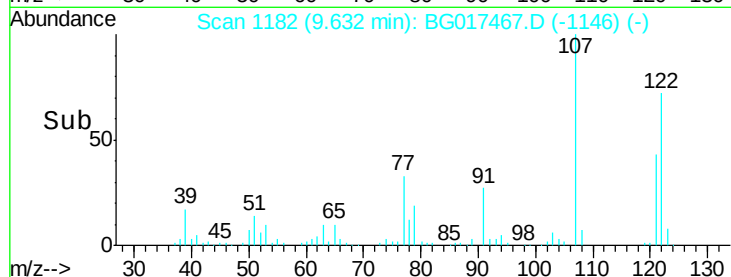
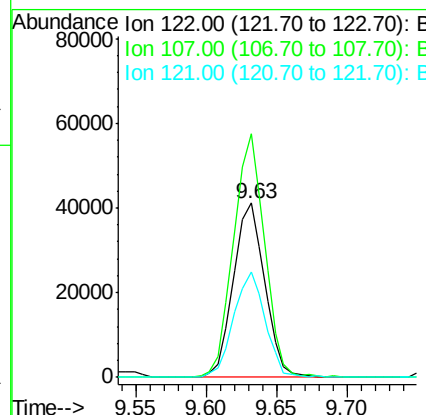
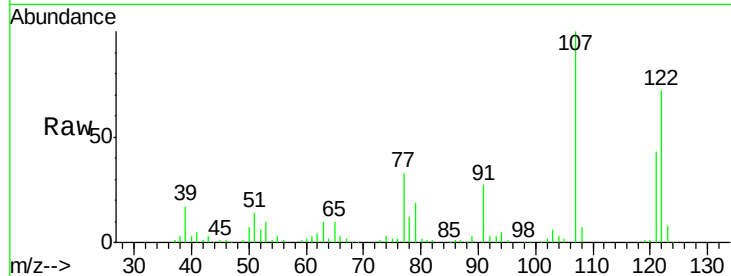
#27
 2,4-Dimethylphenol
 Concen: 46.59 ng
 RT: 9.63 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.6	109.2	163.8
121	60.5	44.3	66.5

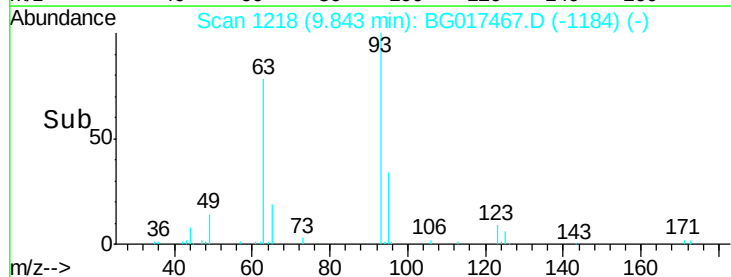
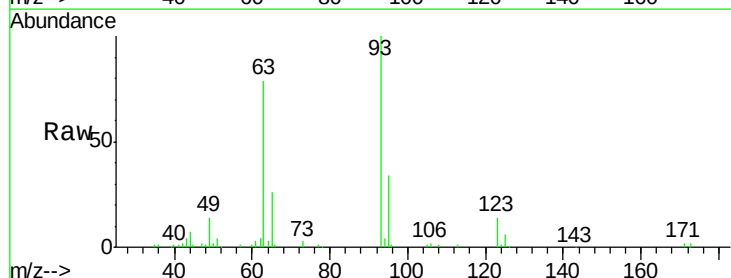
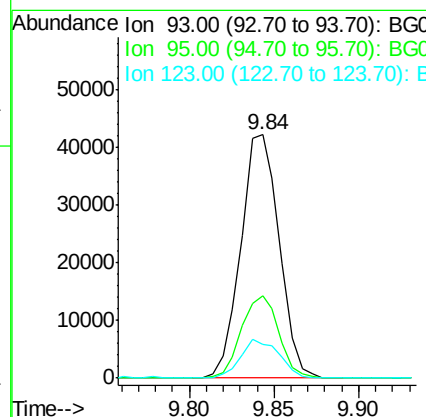
Manual Integrations
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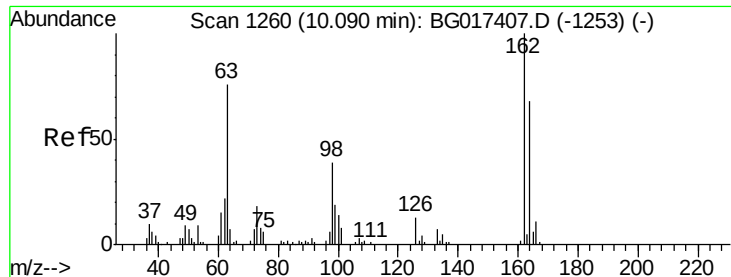
apatel
 6/5/2015 5:15:34 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.82 ng
 RT: 9.84 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	27.0	40.6
123	13.7	12.5	18.7





#29

2,4-Dichlorophenol

Concen: 53.11 ng

RT: 10.11 min Scan# 1263

Delta R.T. 0.02 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Instrument :

BNA_G

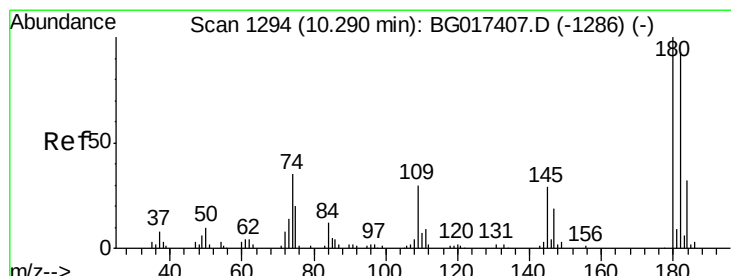
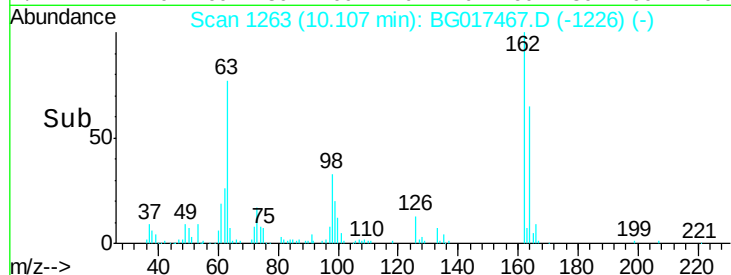
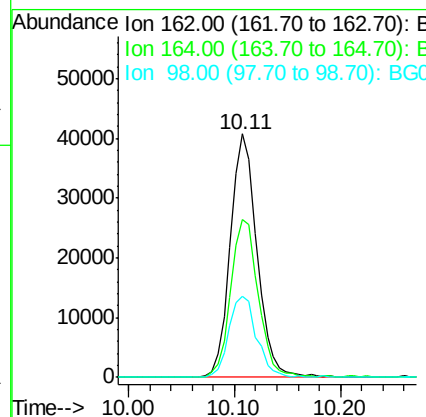
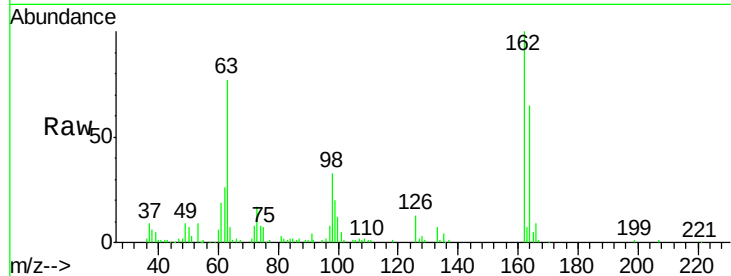
ClientSampleId :

AVE-E-C12.3(5)MSD

Tot Ion:	162	Resp:	71062
Ion Ratio	Lower	Upper	
162	100		
164	64.8	48.0	88.0
98	33.4	18.9	58.9

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 42.14 ng

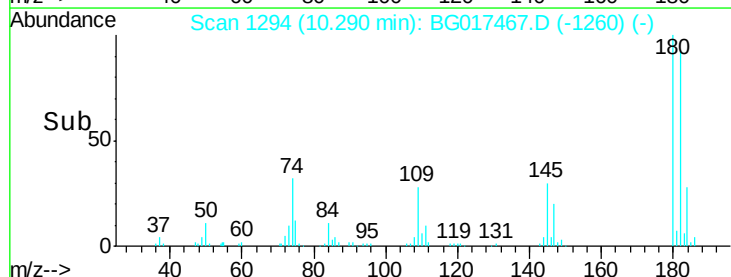
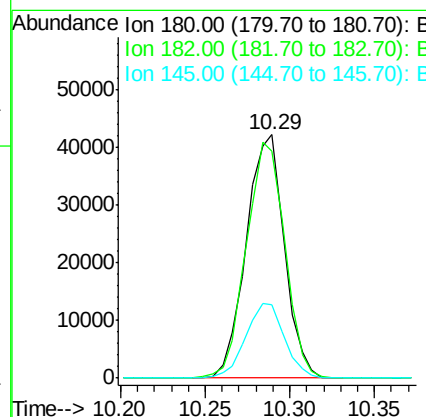
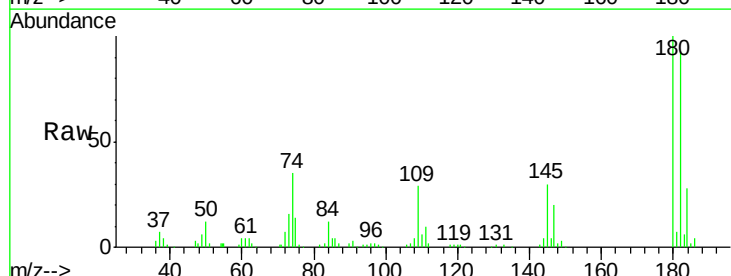
RT: 10.29 min Scan# 1294

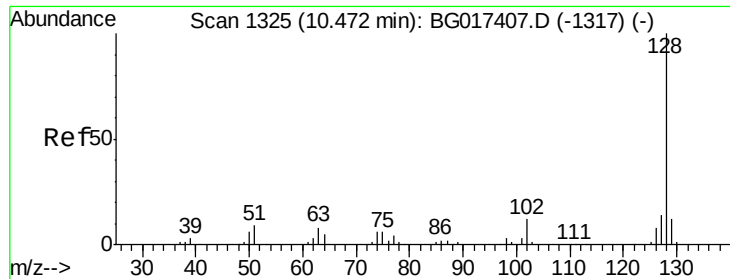
Delta R.T. -0.00 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Tgt Ion:	180	Resp:	66306
Ion Ratio	Lower	Upper	
180	100		
182	93.4	74.5	111.7
145	30.2	23.5	35.3





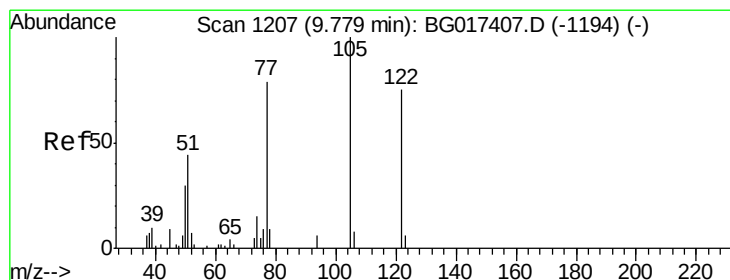
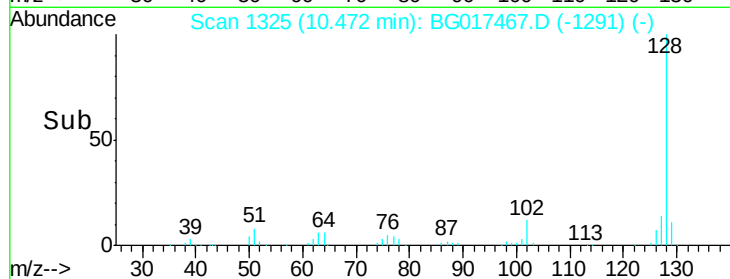
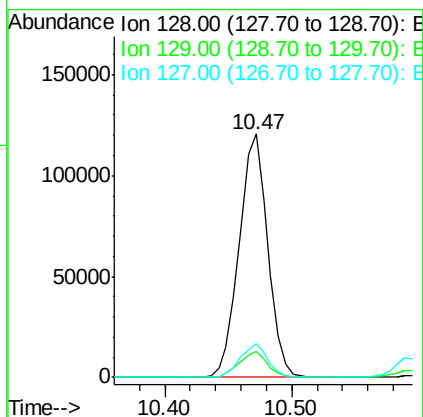
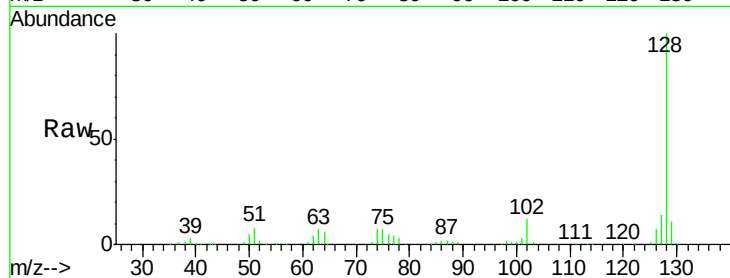
#31
Naphthalene
Concen: 41.06 ng
RT: 10.47 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.2	13.8
127	14.0	10.9	16.3

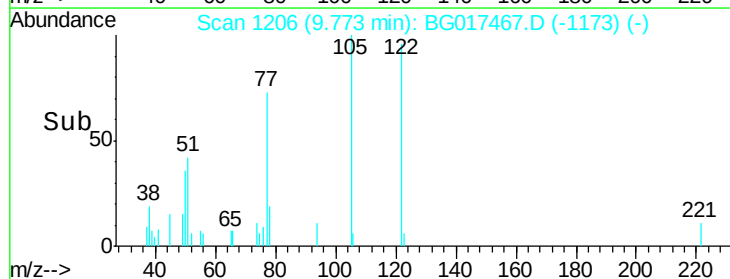
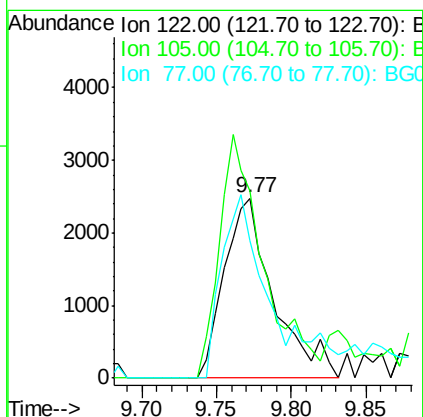
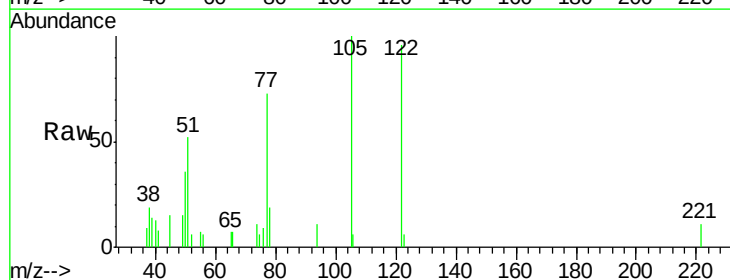
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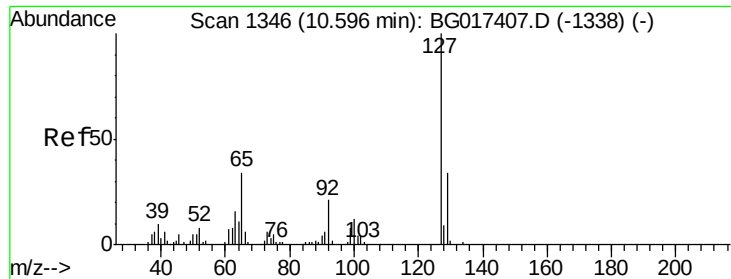
apatel
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#32
Benzoic acid
Concen: 6.54 ng
RT: 9.77 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	104.4	113.5	153.5#
77	76.2	85.2	125.2#





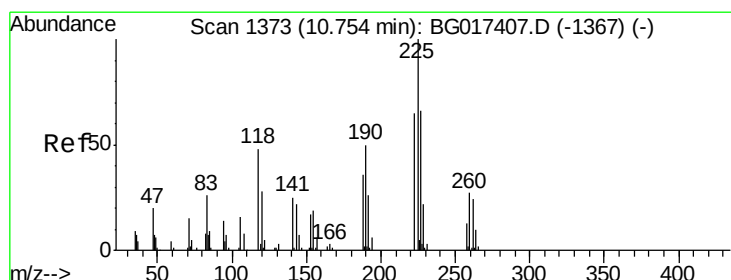
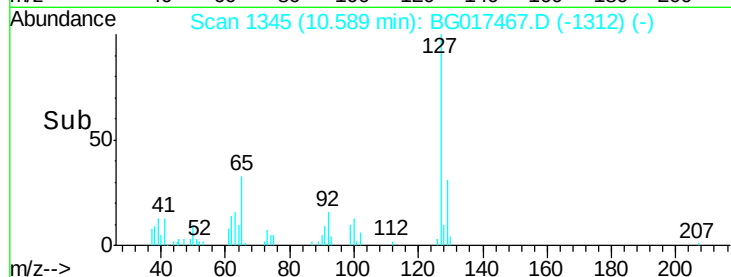
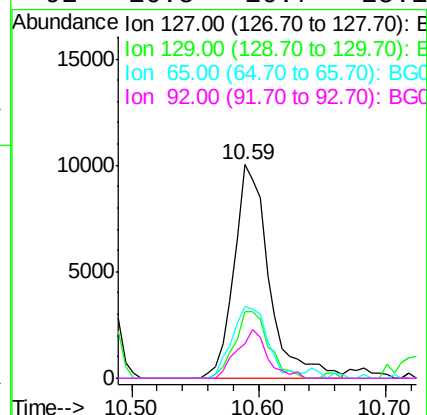
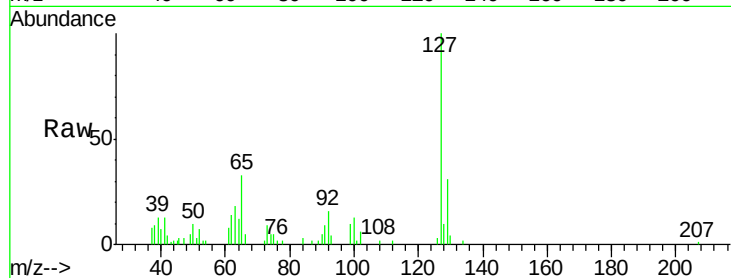
#33
4-Chloroaniline
Concen: 9.43 ng
RT: 10.59 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

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

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.1	27.1	40.7
65	33.3	27.6	41.4
92	16.5	16.7	25.1

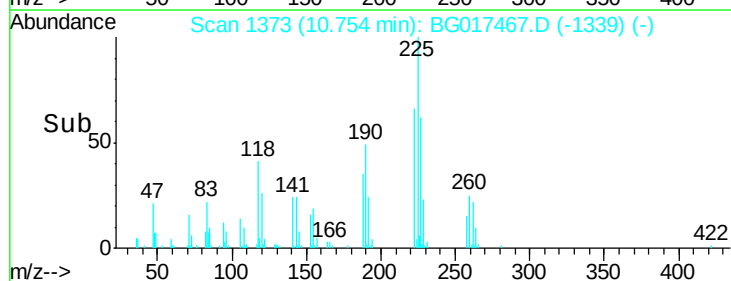
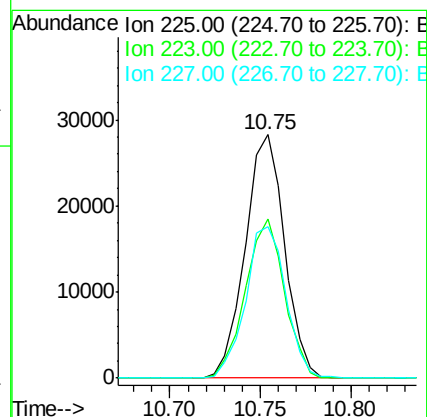
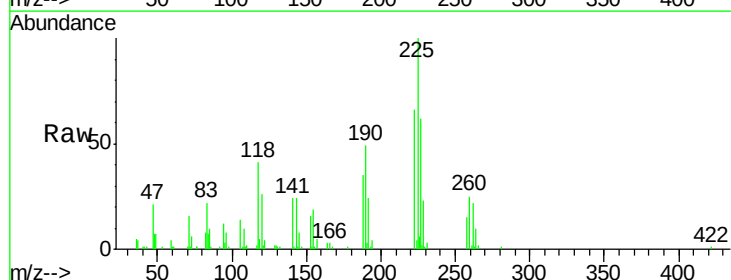
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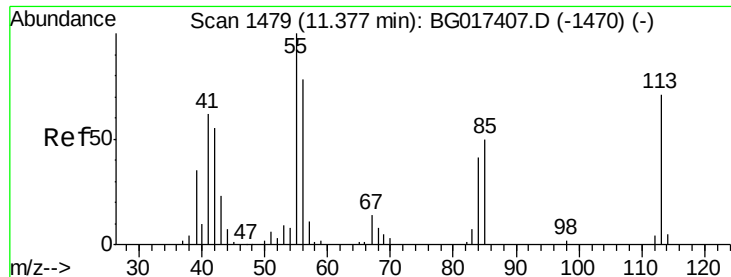
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#34
Hexachlorobutadiene
Concen: 41.62 ng
RT: 10.75 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	65.6	52.2	78.2
227	62.1	52.6	78.8





#35

Caprolactam

Concen: 36.82 ng/ml

RT: 11.37 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Instrument :

BNA_G

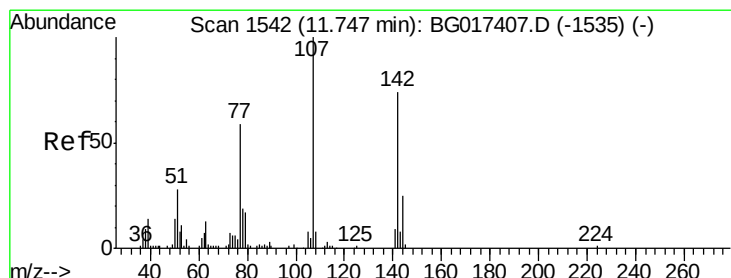
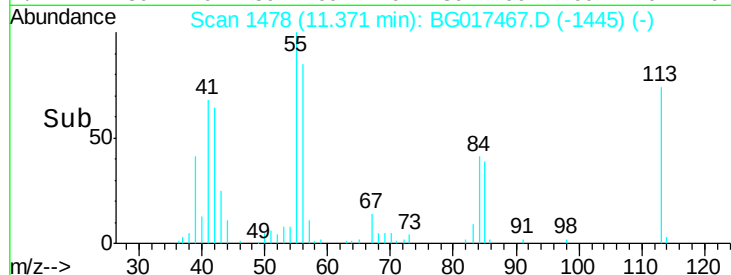
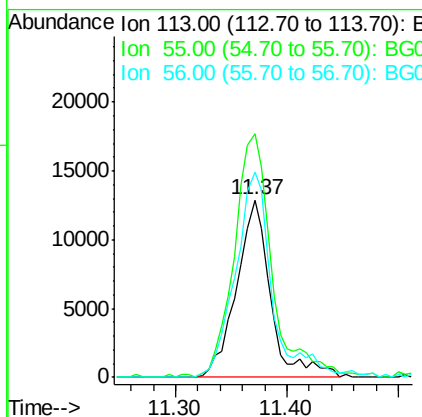
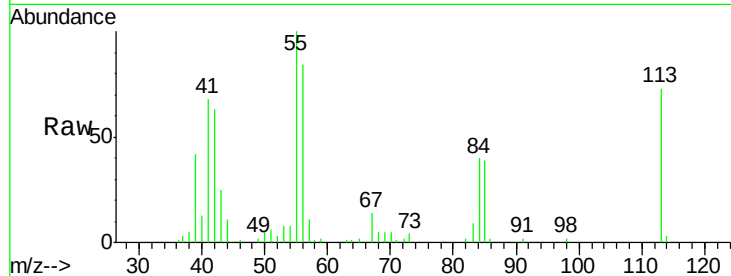
ClientSampleId :

AVE-E-C12.3(5)MSD

Tot Ion:	113	Resp:	27112
Ion Ratio	Lower	Upper	
113	100		
55	137.2	121.6	161.6
56	115.3	89.8	129.8

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 47.62 ng/ml

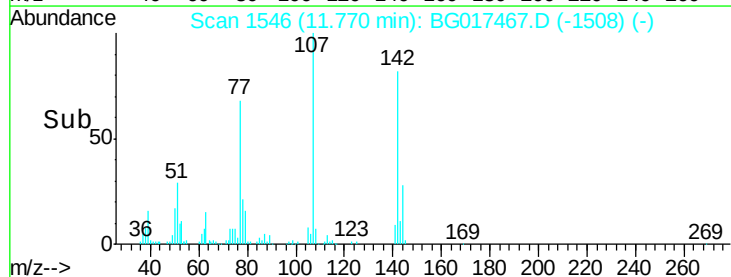
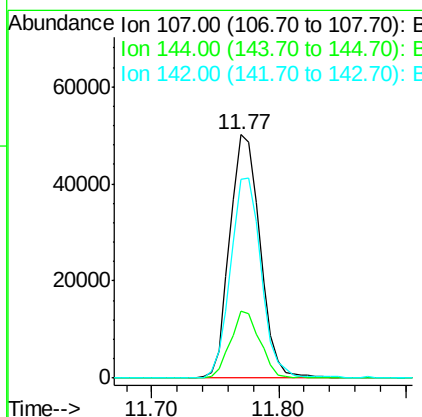
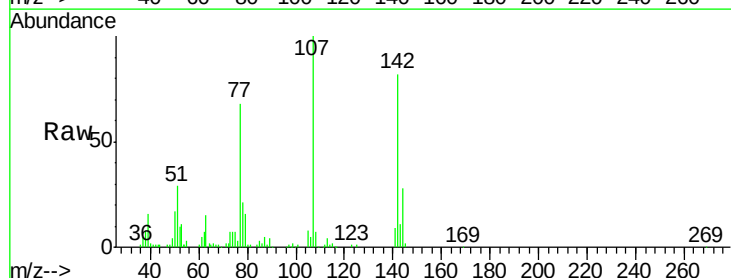
RT: 11.77 min Scan# 1546

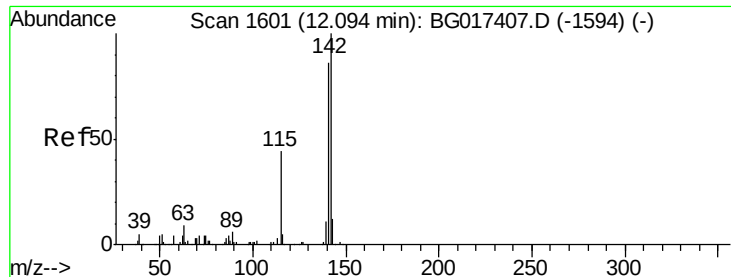
Delta R.T. 0.02 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Tgt Ion:	107	Resp:	82915
Ion Ratio	Lower	Upper	
107	100		
144	27.6	19.8	29.8
142	81.8	59.0	88.4





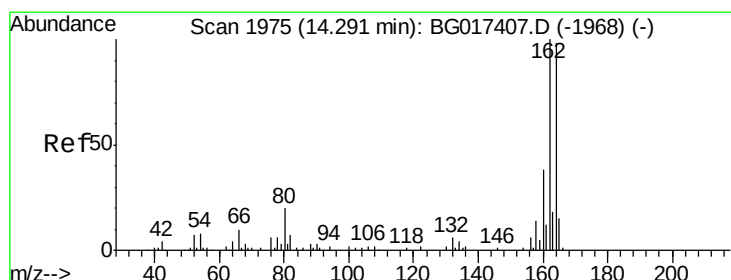
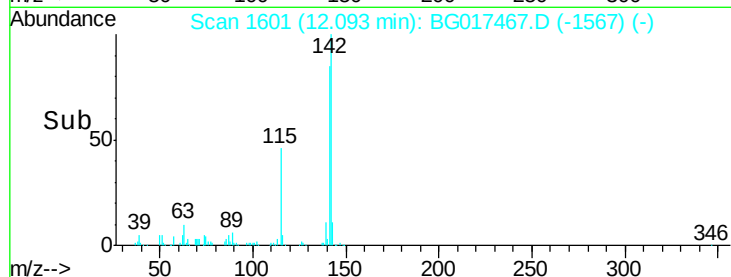
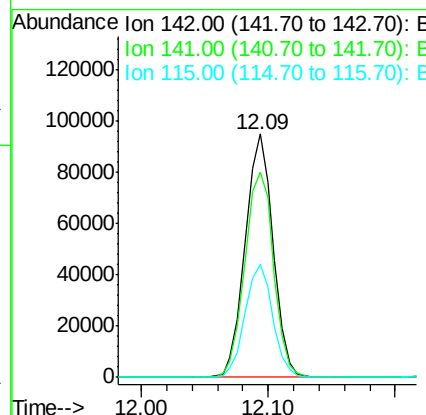
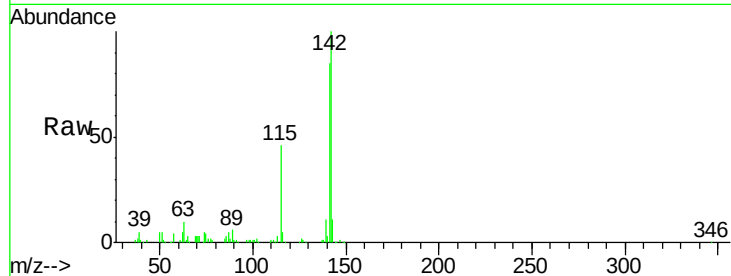
#37
2-Methylnaphthalene
Concen: 40.99 ng
RT: 12.09 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.5	68.6	102.8
115	46.2	35.3	52.9

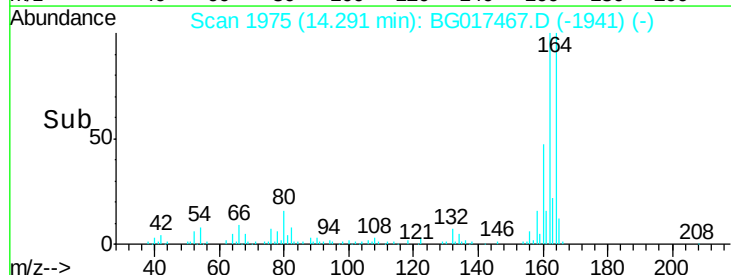
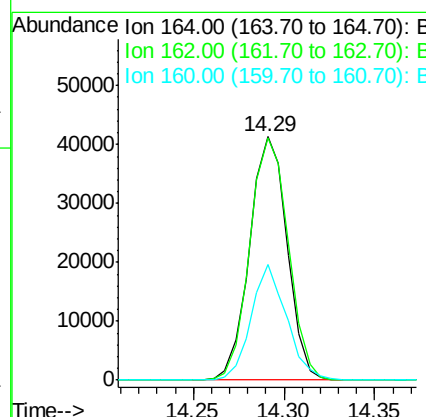
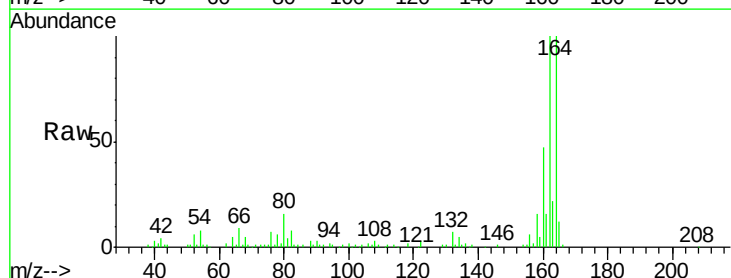
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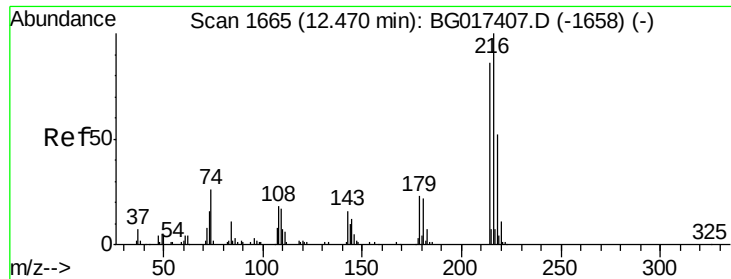
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.8	122.6
160	47.3	31.0	46.4#





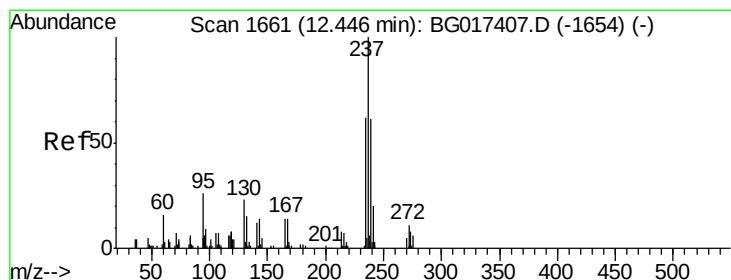
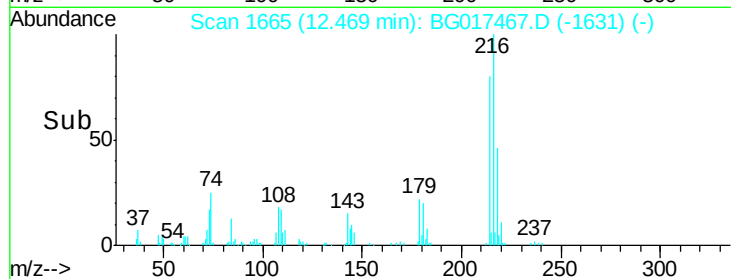
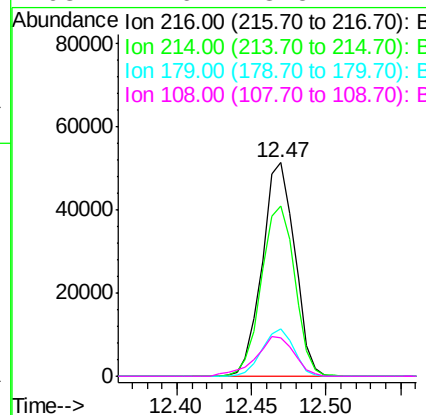
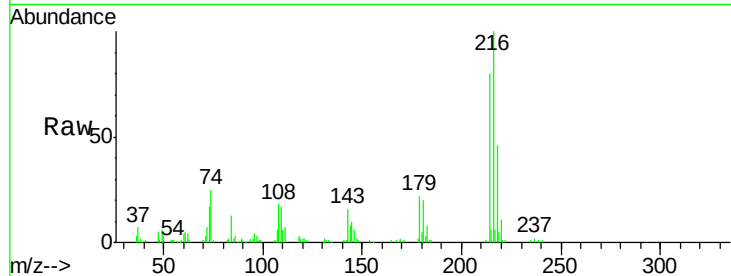
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.68 ng
 RT: 12.47 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	81.7		66.5	99.7	
179	21.6		17.3	25.9	
108	21.6		18.5	27.7	

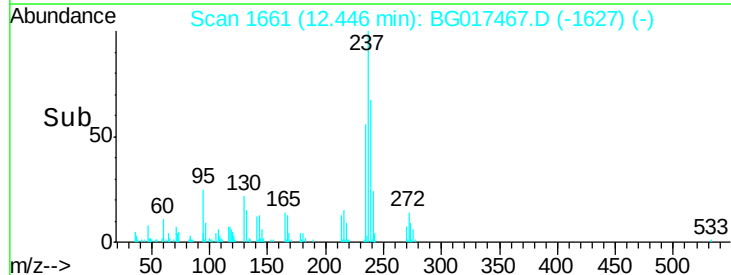
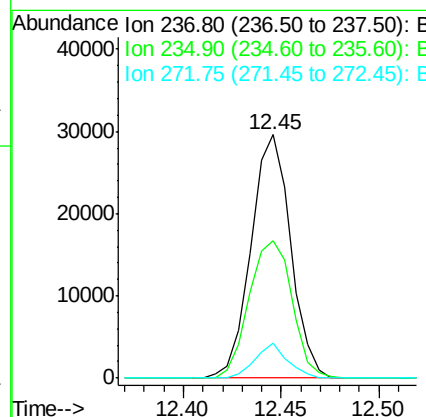
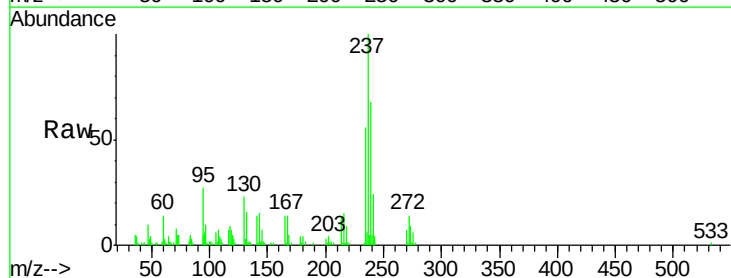
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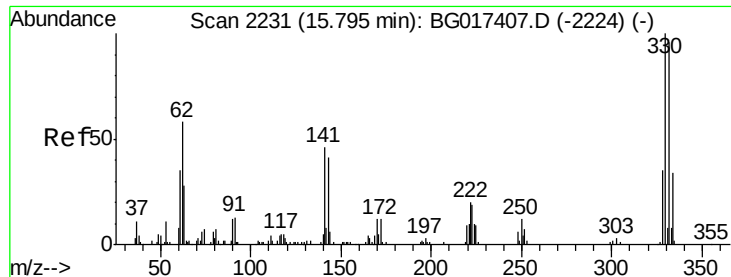
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#40
 Hexachlorocyclopentadiene
 Concen: 42.31 ng
 RT: 12.45 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	56.2		42.3	82.3	
272	14.2		0.0	31.2	





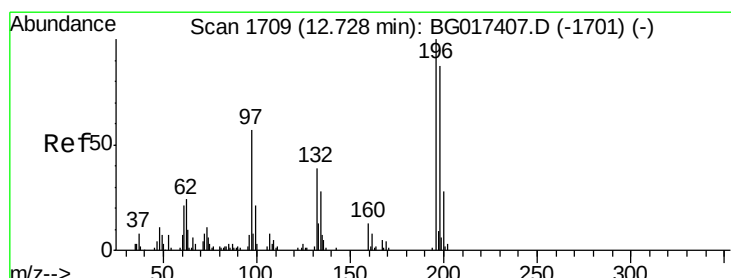
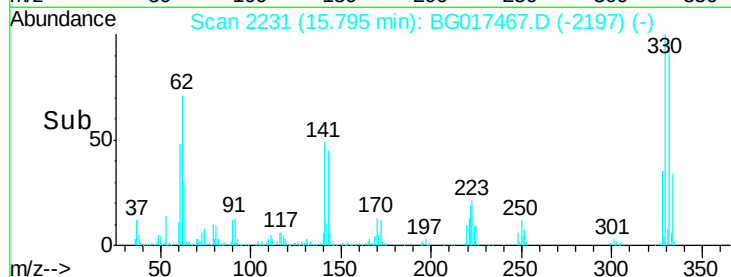
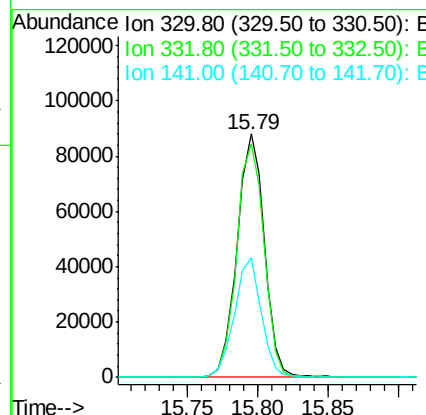
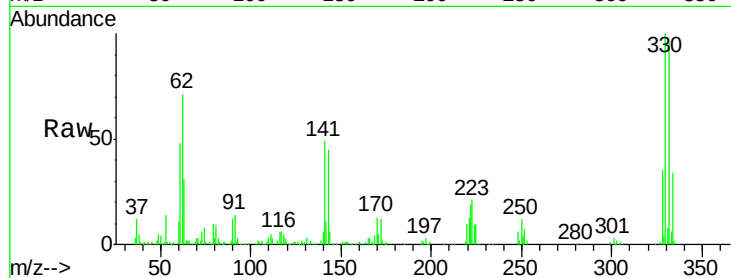
#41
 2,4,6-Tribromophenol
 Concen: 143.13 ng
 RT: 15.79 min Scan# 2231
 Delta R.T. -0.00 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	75.9	113.9	
141	48.5	40.2	60.4	

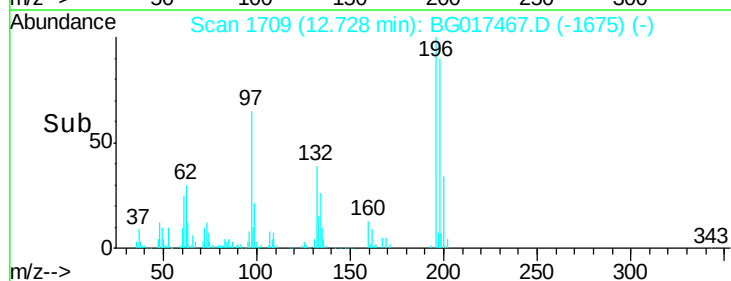
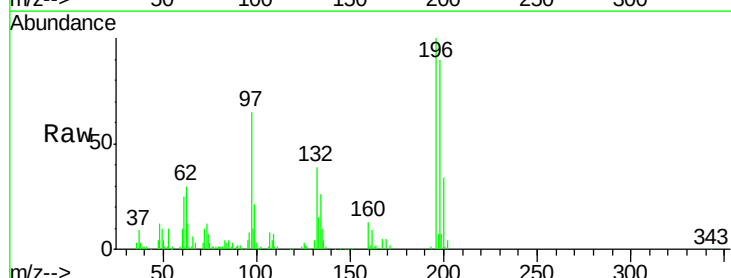
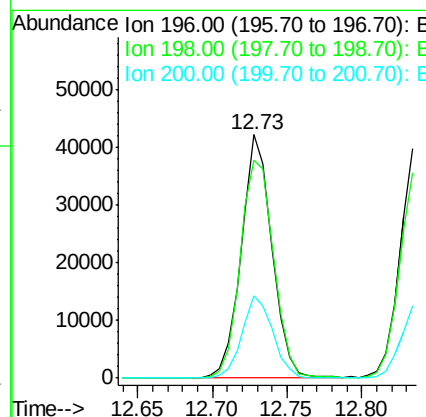
Manual Integrations
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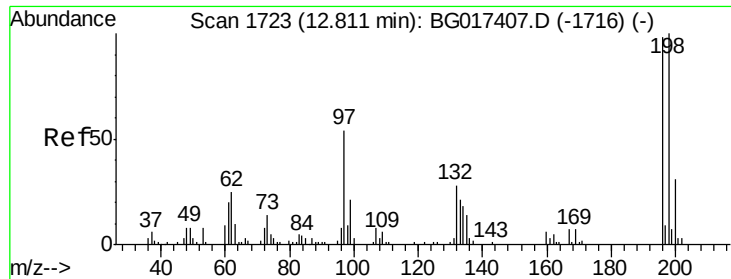
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#42
 2,4,6-Trichlorophenol
 Concen: 46.49 ng
 RT: 12.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	89.8	69.9	104.9	
200	33.9	22.7	34.1	





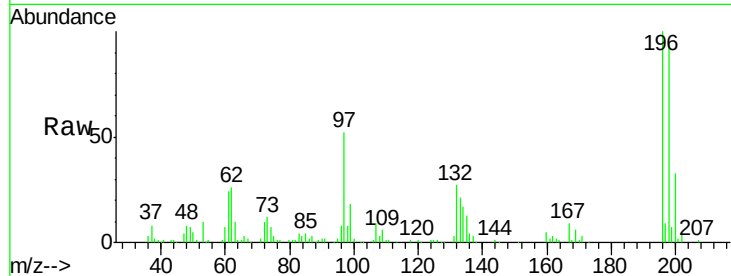
#43
 2,4,5-Trichlorophenol
 Concen: 50.11 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. 0.03 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

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

Tot Ion	196	Resp	71206
Ion Ratio	Lower	Upper	
196	100		
198	94.5	80.6	121.0
97	51.9	43.2	64.8
132	26.6	22.3	33.5

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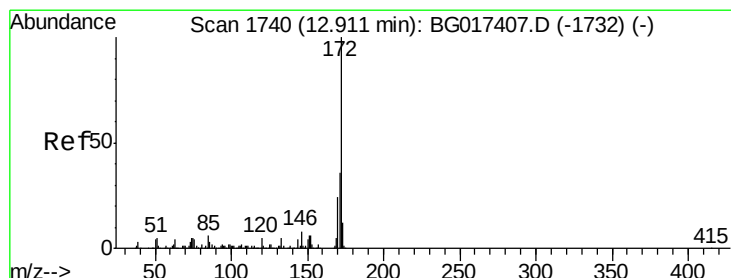
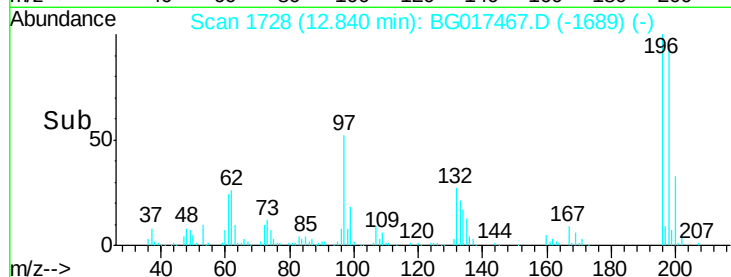
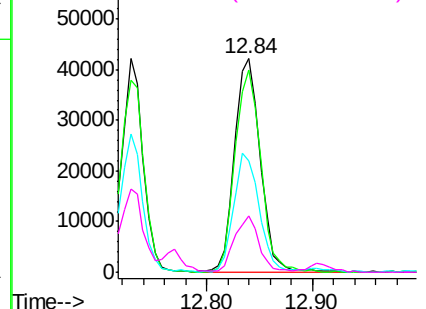
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

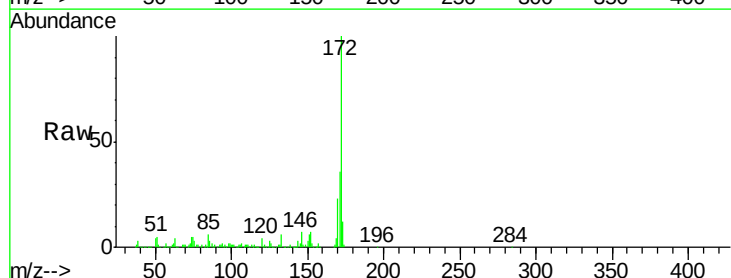
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.17 ng
 RT: 12.91 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

Tgt Ion	172	Resp	308525
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.0	43.6
170	23.4	18.9	28.3

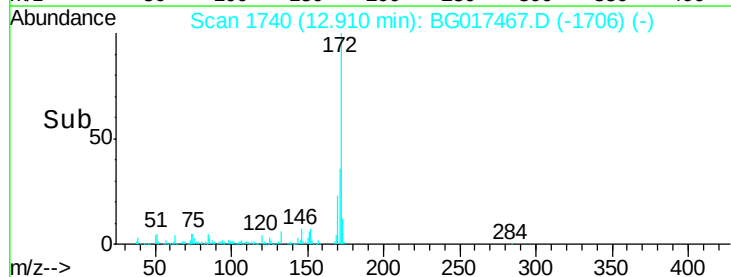
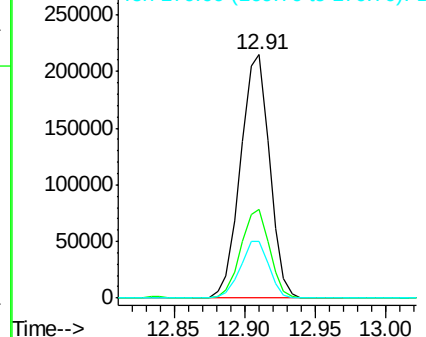


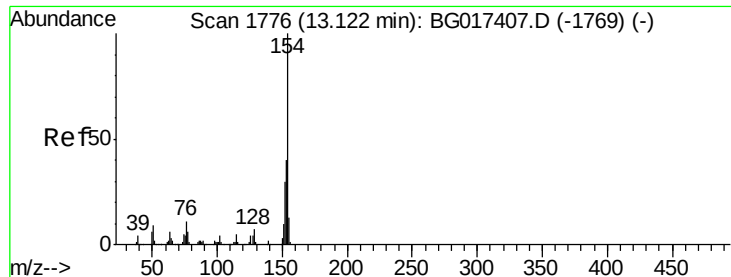
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.27 ng

RT: 13.12 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Instrument :

BNA_G

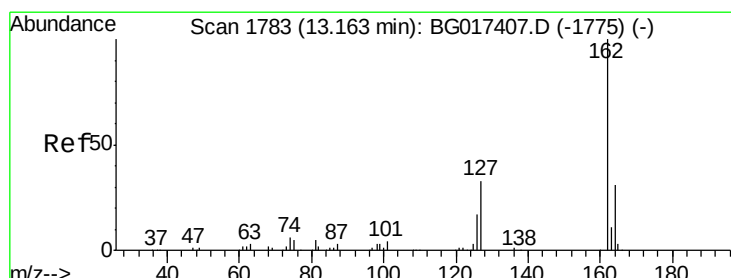
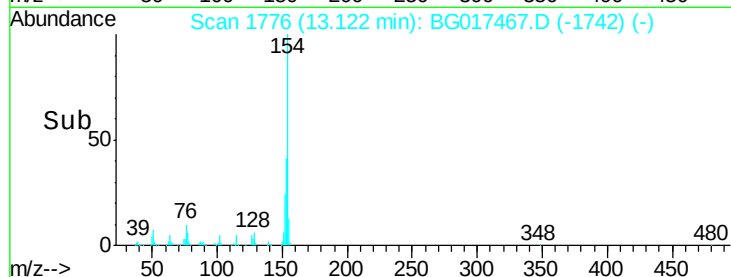
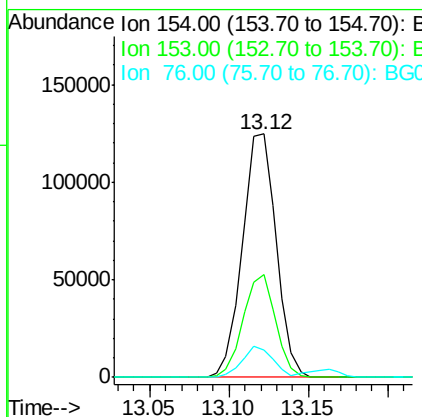
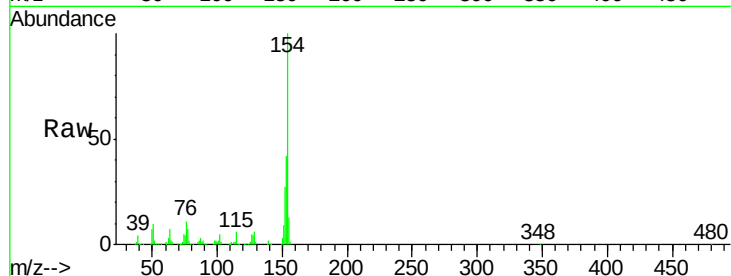
ClientSampleId :

AVE-E-C12.3(5)MSD

Tot Ion:	154	Resp:	183952
Ion Ratio	Lower	Upper	
154	100		
153	42.2	20.1	60.1
76	11.4	0.0	31.5

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#46

2-Chloronaphthalene

Concen: 41.26 ng

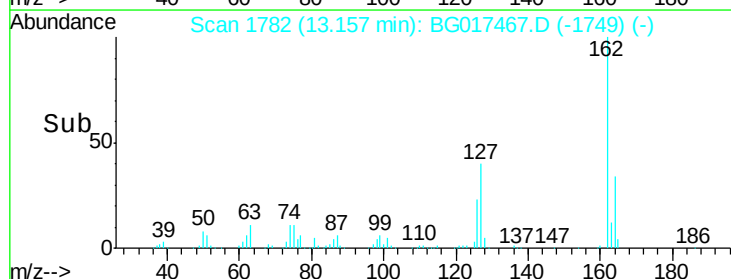
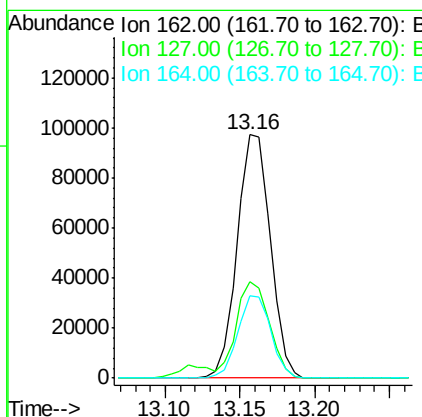
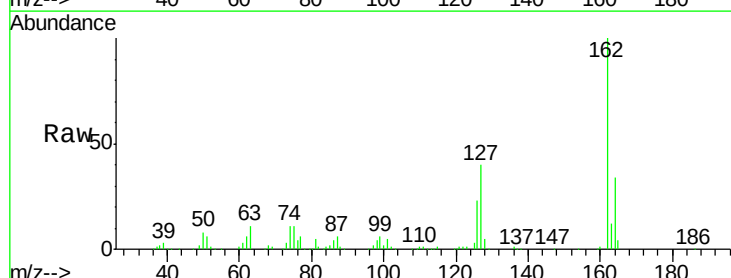
RT: 13.16 min Scan# 1782

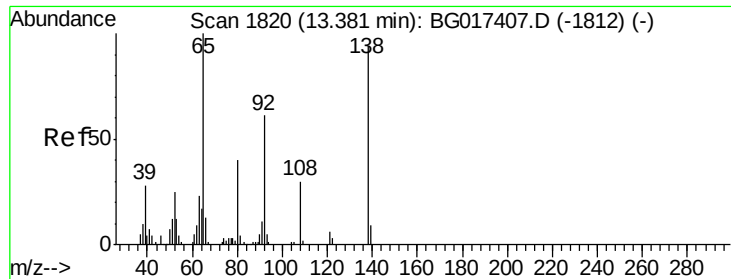
Delta R.T. -0.01 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Tgt Ion:	162	Resp:	150125
Ion Ratio	Lower	Upper	
162	100		
127	39.8	29.4	44.2
164	33.7	24.9	37.3





#47

2-Nitroaniline

Concen: 43.89 ng

RT: 13.38 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Instrument :

BNA_G

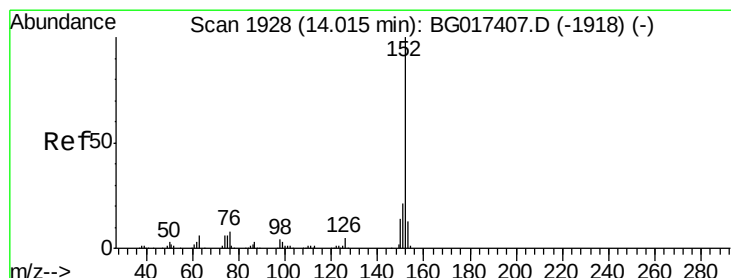
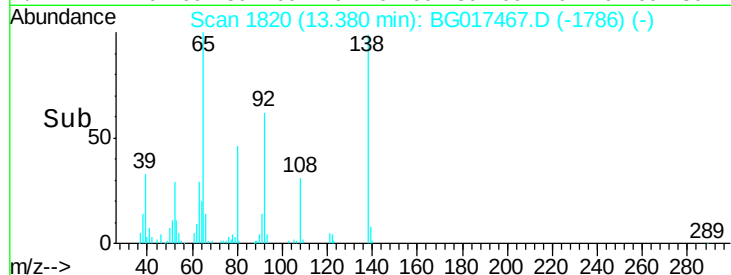
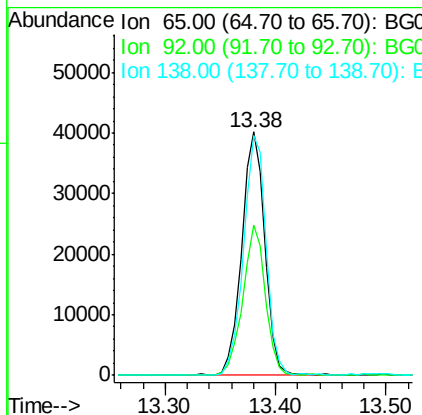
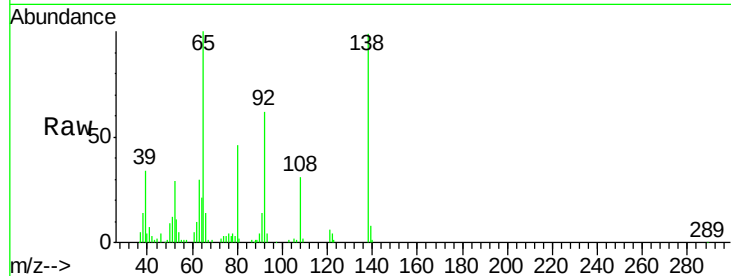
ClientSampleId :

AVE-E-C12.3(5)MSD

Tot Ion:	65	Resp:	58974
Ion Ratio	Lower	Upper	
65	100		
92	61.5	49.1	73.7
138	98.7	75.4	113.0

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#48

Acenaphthylene

Concen: 39.95 ng

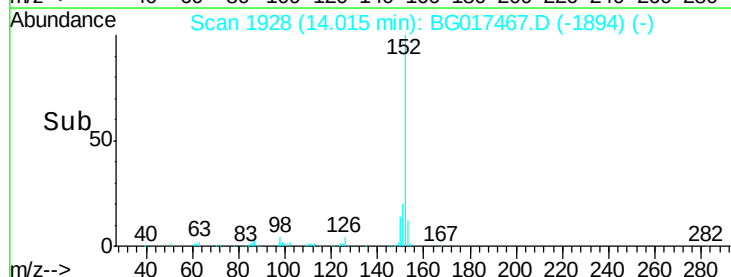
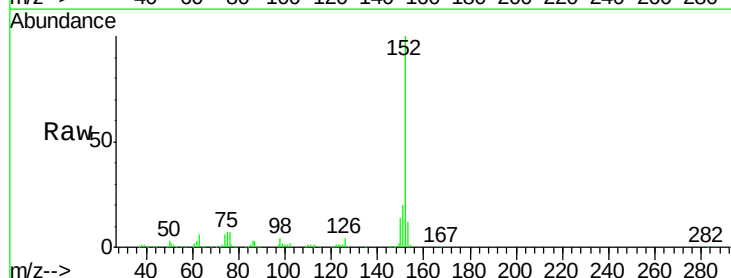
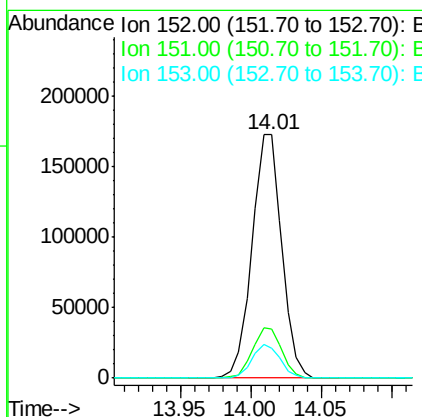
RT: 14.01 min Scan# 1928

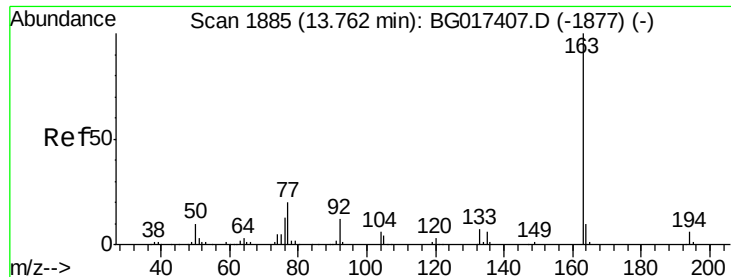
Delta R.T. -0.00 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Tgt Ion:	152	Resp:	256043
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.5	24.7
153	12.4	10.7	16.1





#49

Dimethylphthalate

Concen: 43.17 ng

RT: 13.76 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Instrument :

BNA_G

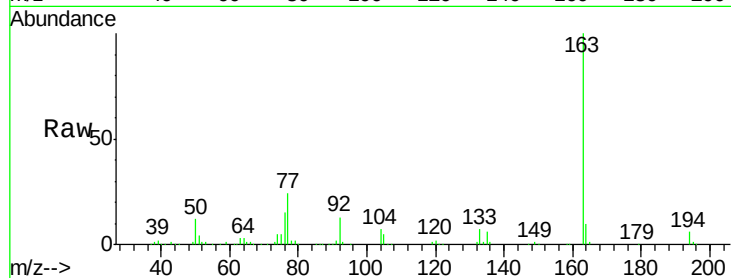
ClientSampleId :

AVE-E-C12.3(5)MSD

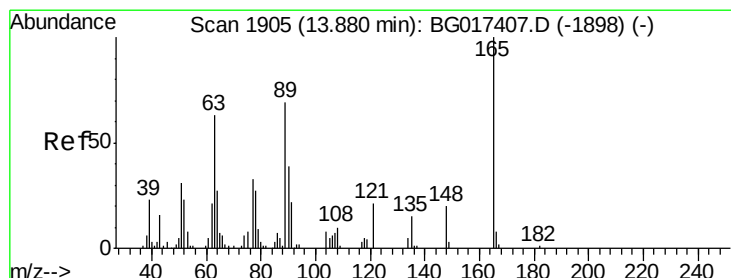
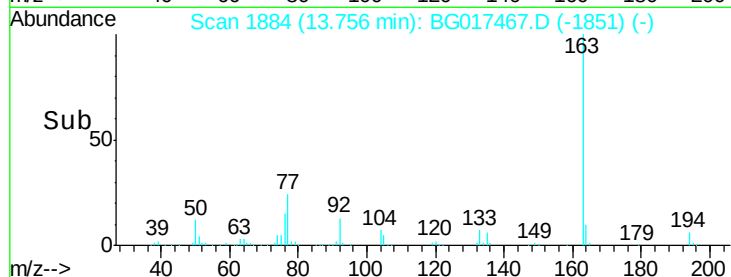
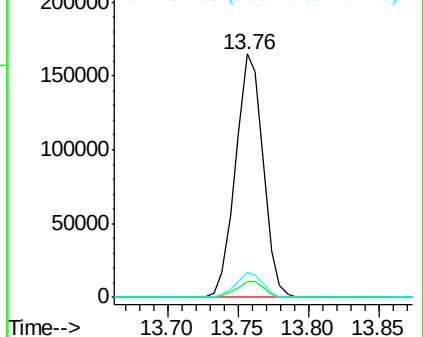
Tot Ion:	163	Resp:	223756
Ion Ratio		Lower	Upper
163	100		
194	6.2	4.9	7.3
164	10.2	8.2	12.2

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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: 39.02 ng

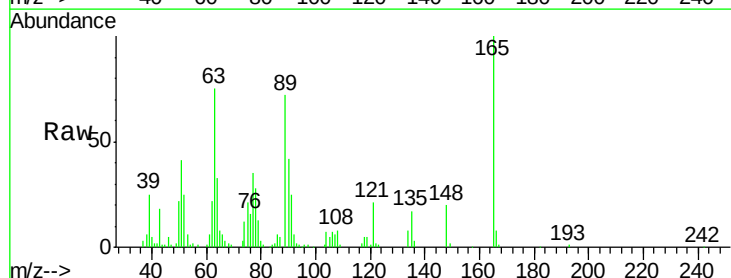
RT: 13.88 min Scan# 1905

Delta R.T. -0.00 min

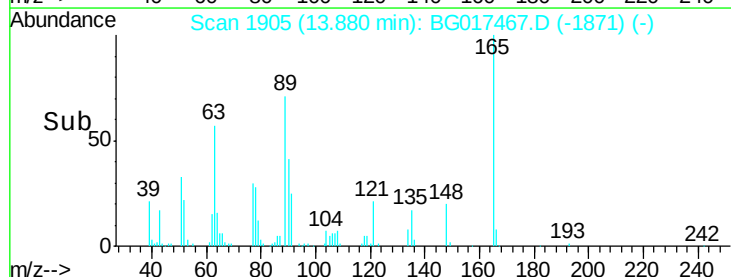
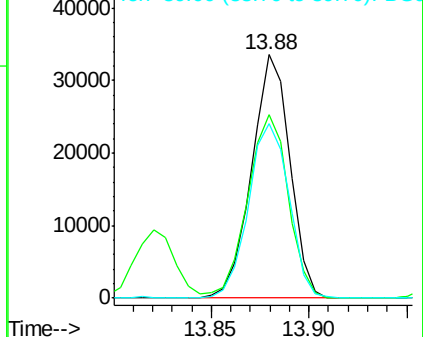
Lab File: BG017467.D

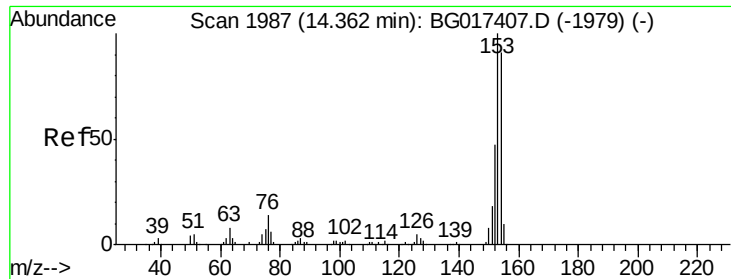
Acq: 5 Jun 2015 8:17

Tgt Ion:	165	Resp:	45433
Ion Ratio		Lower	Upper
165	100		
63	75.2	53.7	80.5
89	71.8	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: 39.24 ng

RT: 14.36 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Instrument :

BNA_G

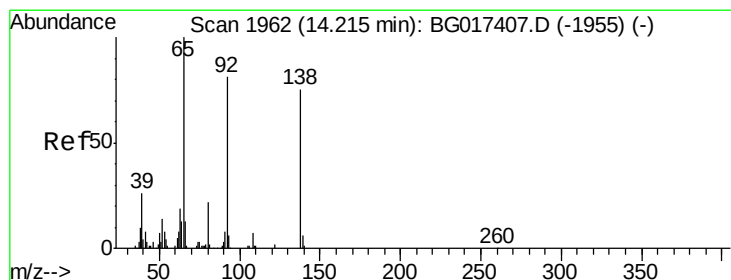
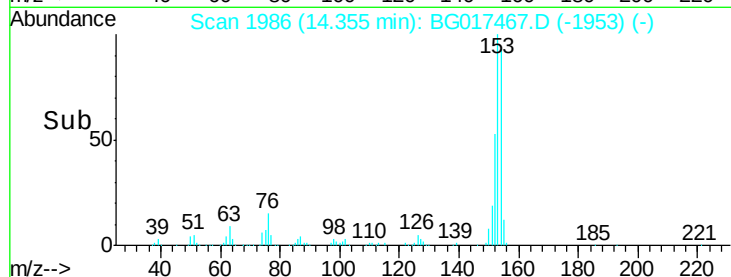
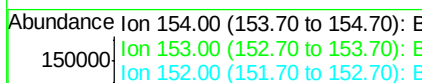
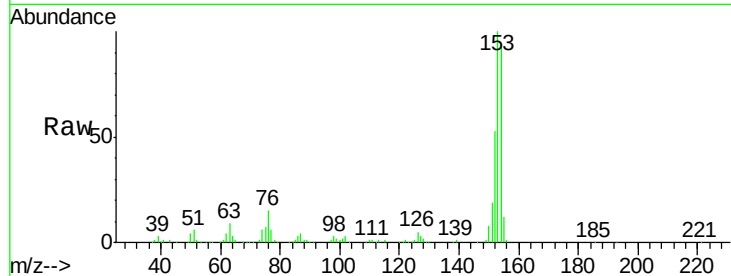
ClientSampleId :

AVE-E-C12.3(5)MSD

Tot Ion:	154	Resp:	148288
Ion Ratio	Lower	Upper	
154	100		
153	108.0	87.7	131.5
152	57.2	40.8	61.2

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#52

3-Nitroaniline

Concen: 21.87 ng

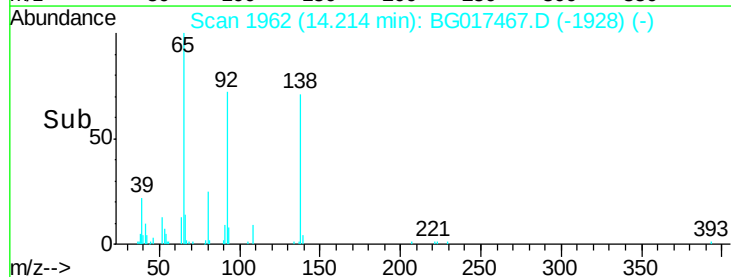
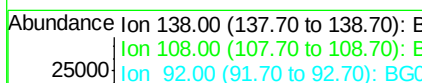
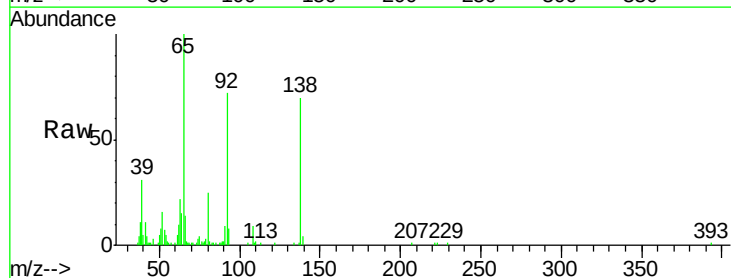
RT: 14.21 min Scan# 1962

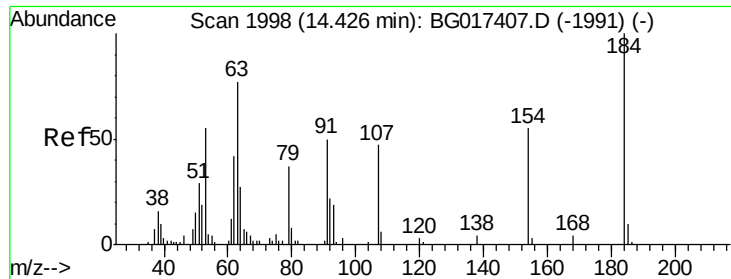
Delta R.T. -0.00 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Tgt Ion:	138	Resp:	27577
Ion Ratio	Lower	Upper	
138	100		
108	12.8	7.5	11.3#
92	101.9	87.0	130.4





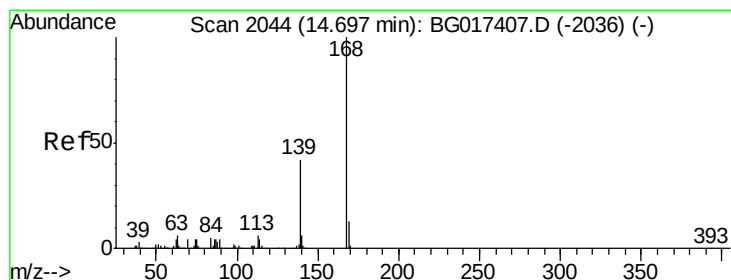
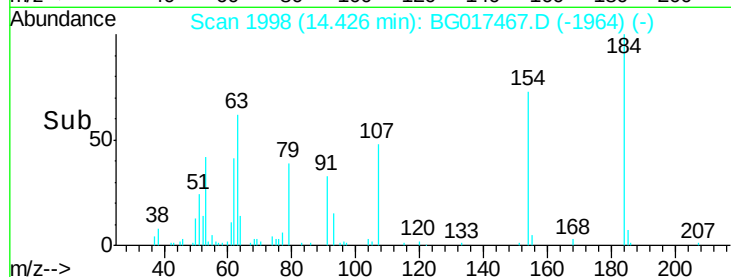
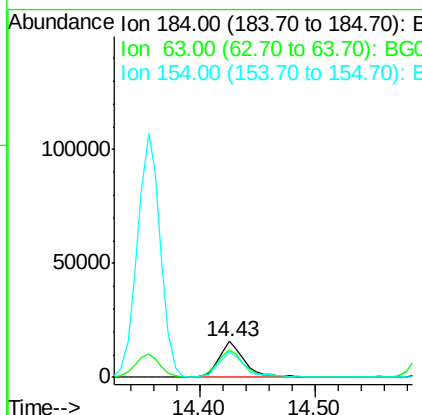
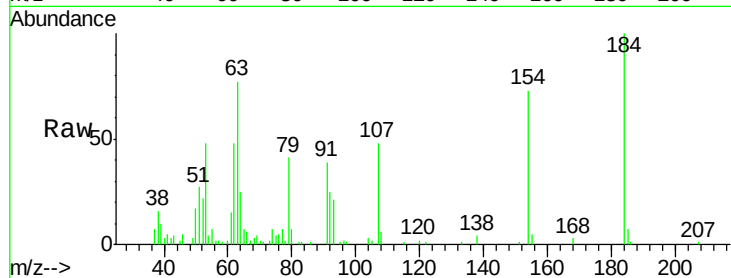
#53
2,4-Dinitrophenol
Concen: 37.69 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	77.2	61.5	92.3	
154	72.7	53.8	80.8	

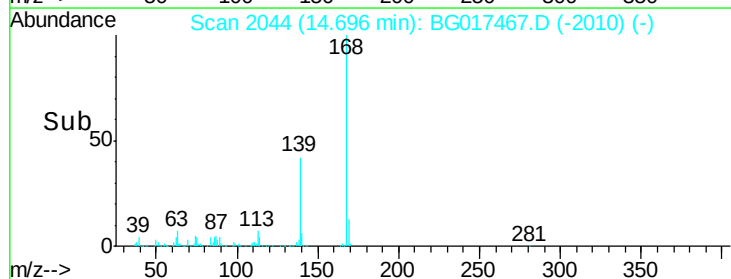
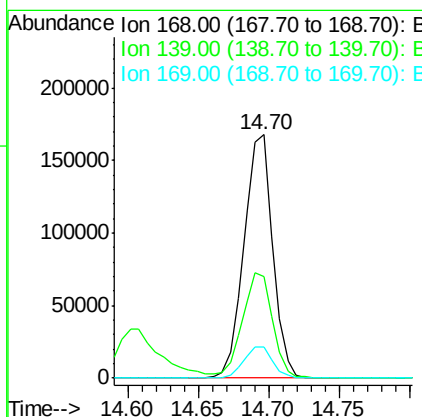
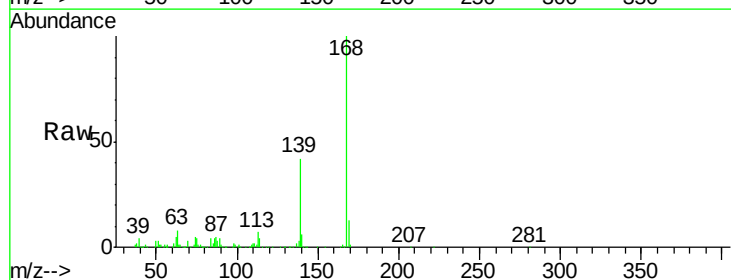
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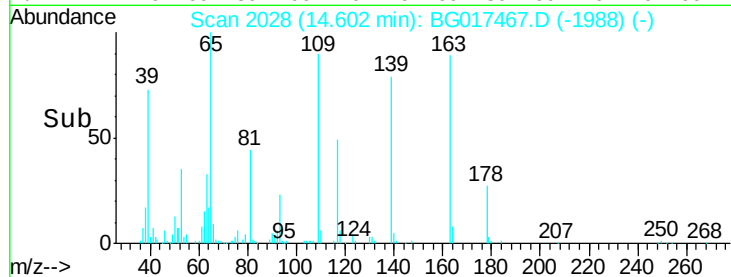
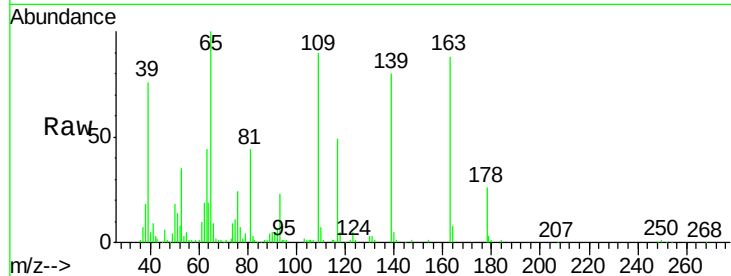
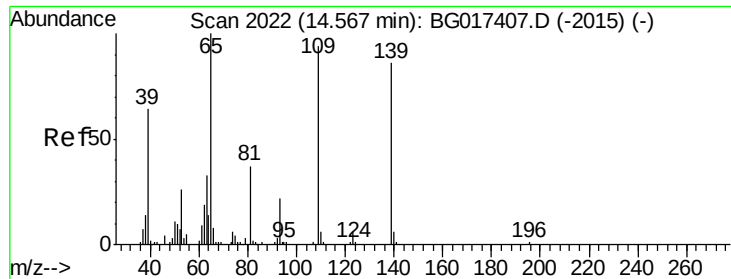
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#54
Dibenzofuran
Concen: 42.79 ng
RT: 14.70 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.8	33.2	49.8	
169	12.5	10.6	16.0	





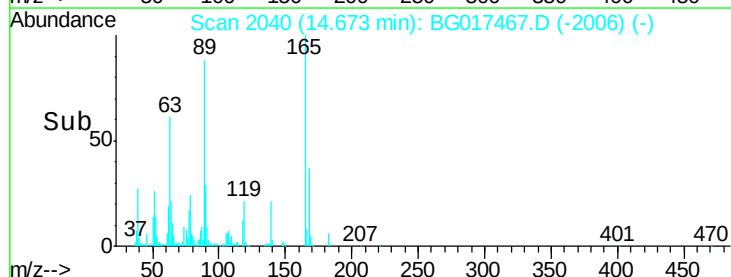
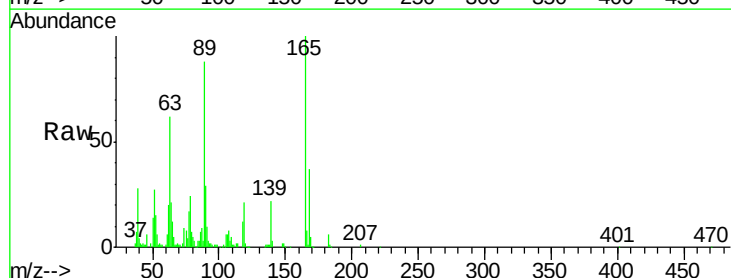
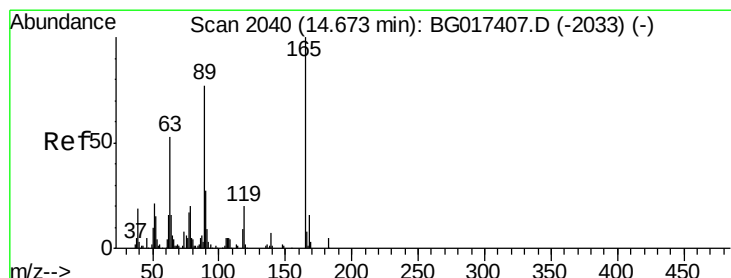
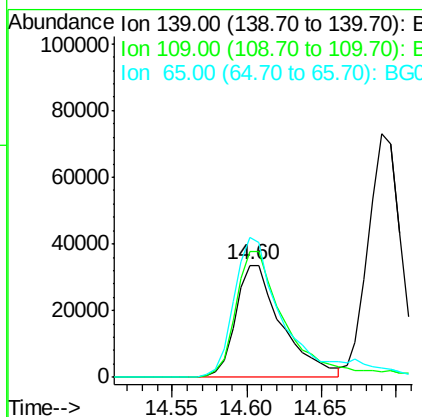
#55
4-Nitrophenol
Concen: 72.13 ng
RT: 14.60 min Scan# 2028
Delta R.T. 0.04 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tot Ion:	139	Resp:	72499
Ion Ratio	Lower	Upper	
139	100		
109	112.6	89.5	129.5
65	125.0	95.9	135.9

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

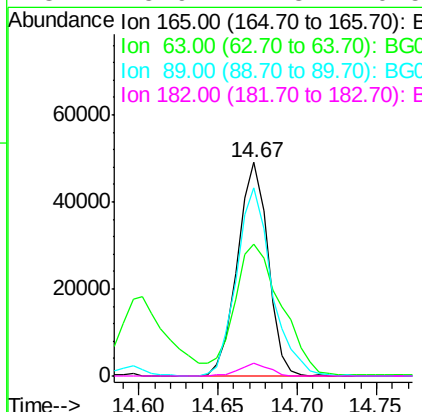
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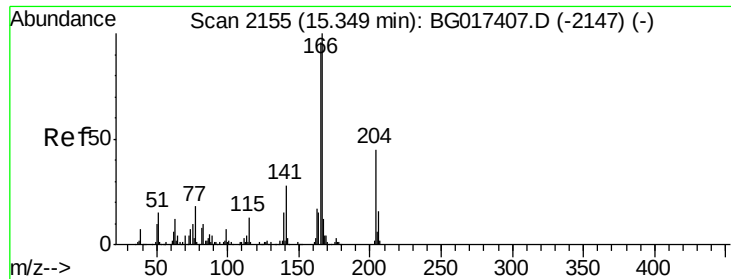
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#56
2,4-Dinitrotoluene
Concen: 39.58 ng
RT: 14.67 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tgt Ion:	165	Resp:	65650
Ion Ratio	Lower	Upper	
165	100		
63	61.9	42.9	64.3
89	87.9	61.5	92.3
182	5.9	4.3	6.5





#57

Fluorene

Concen: 41.82 ng

RT: 15.34 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Instrument :

BNA_G

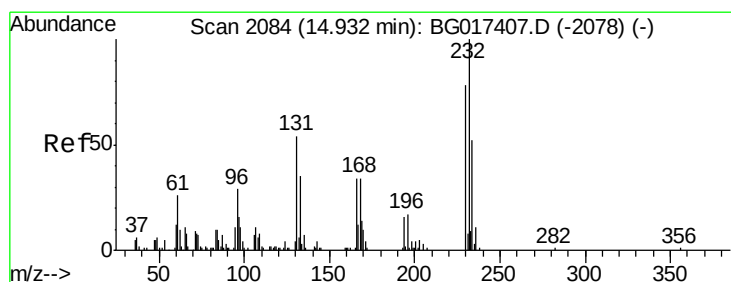
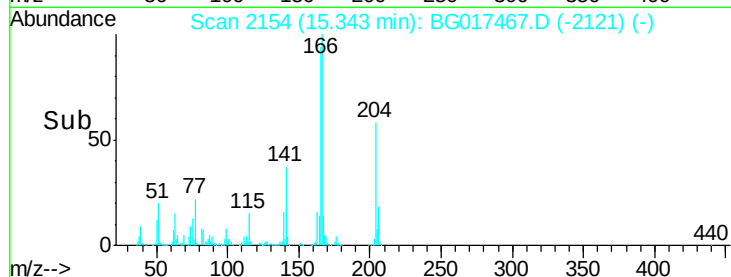
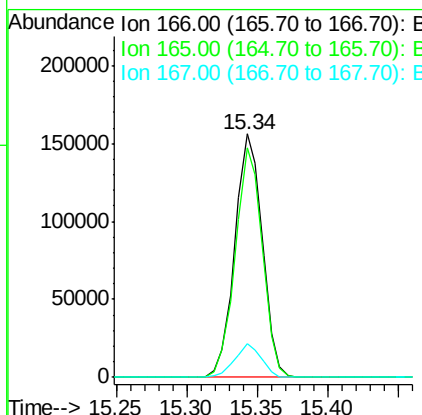
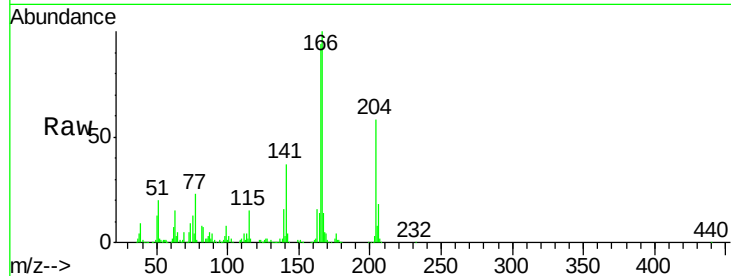
ClientSampleId :

AVE-E-C12.3(5)MSD

Tot Ion	166	Resp	211383
Ion Ratio	Lower	Upper	
166	100		
165	94.5	76.8	115.2
167	13.7	9.9	14.9

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.32 ng m

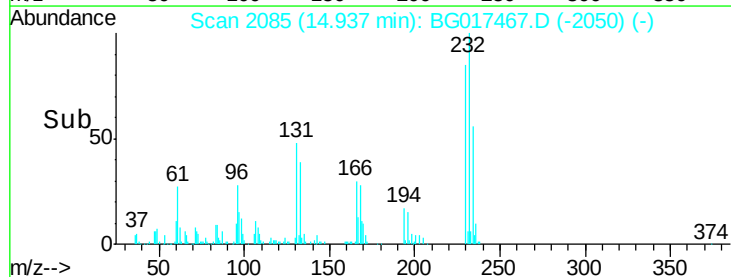
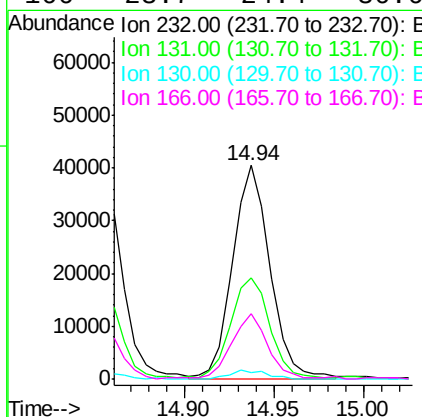
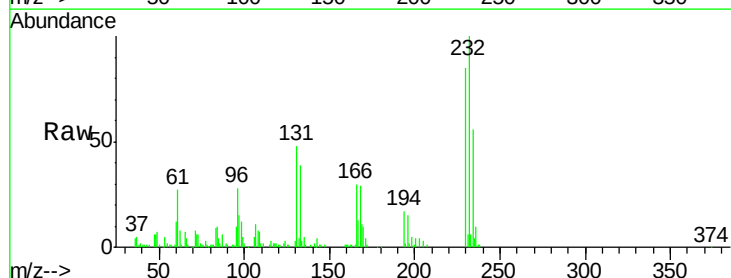
RT: 14.94 min Scan# 2085

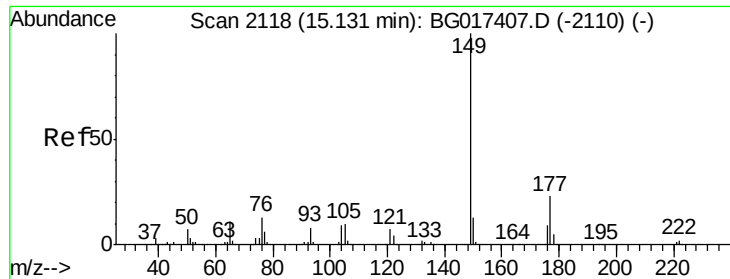
Delta R.T. 0.01 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Tgt Ion	232	Resp	58751
Ion Ratio	Lower	Upper	
232	100		
131	43.0	40.1	60.1
130	3.5	2.6	4.0
166	23.7	24.4	36.6#





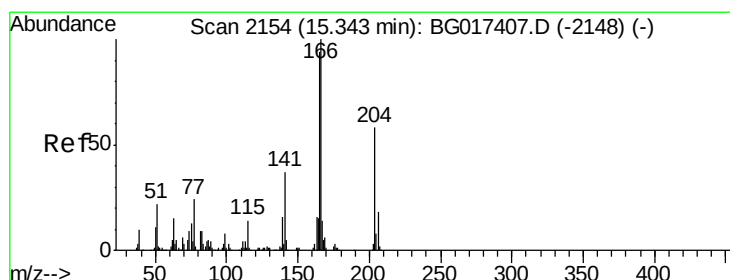
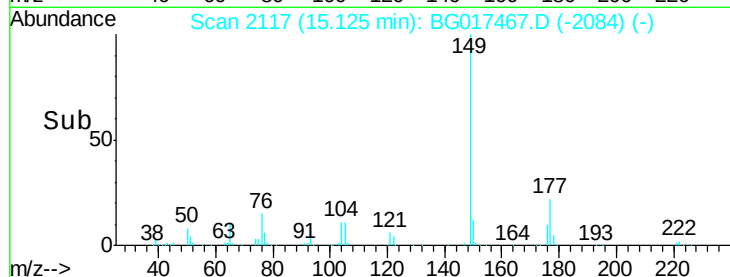
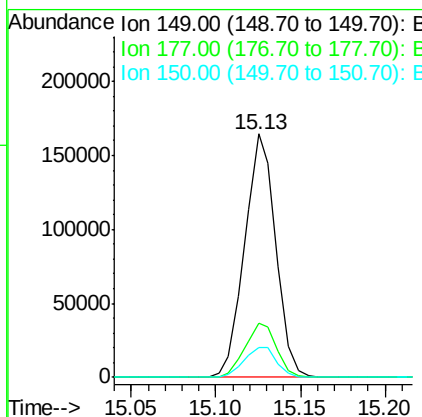
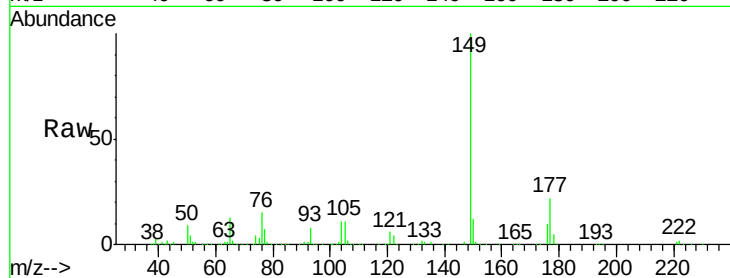
#59
Diethylphthalate
Concen: 37.48 ng
RT: 15.13 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	210849		
177	22.4	18.3	27.5	
150	12.3	10.6	16.0	

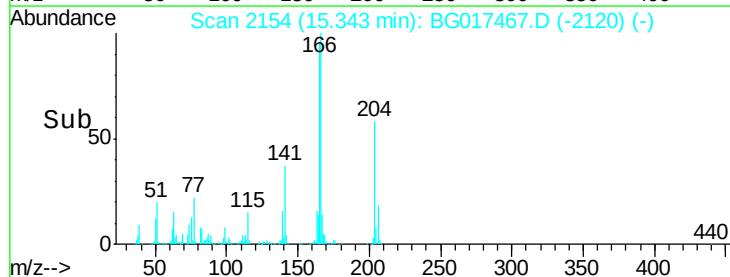
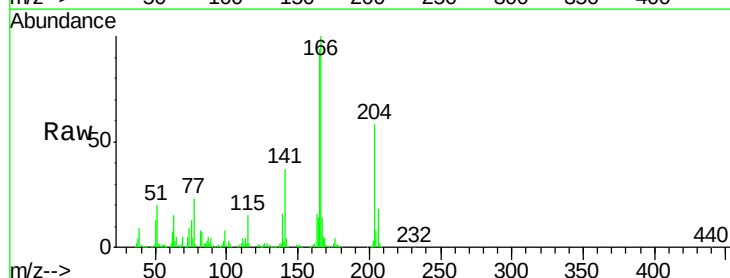
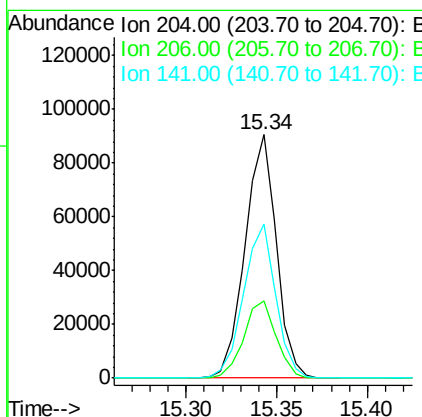
Manual Integrations
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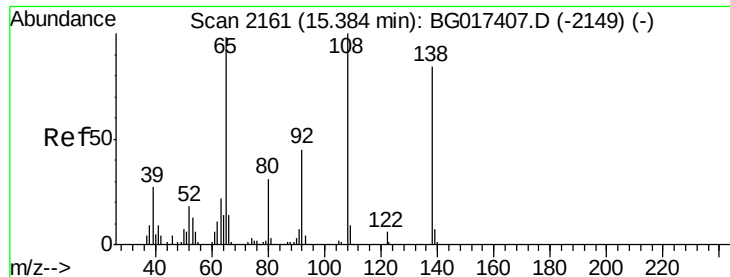
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 42.40 ng
RT: 15.34 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	108594		
206	31.8	25.0	37.4	
141	63.1	50.9	76.3	





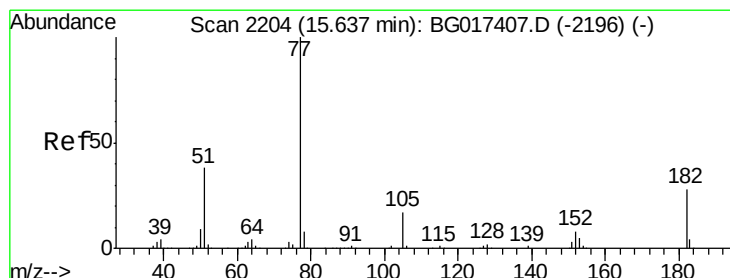
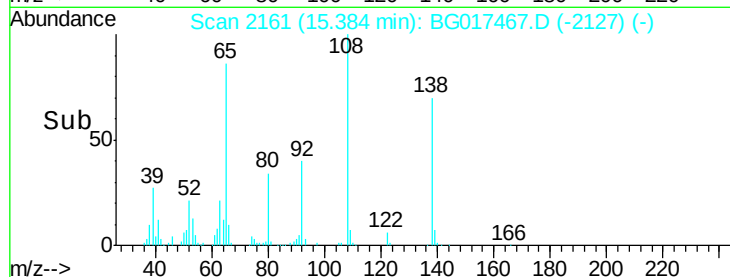
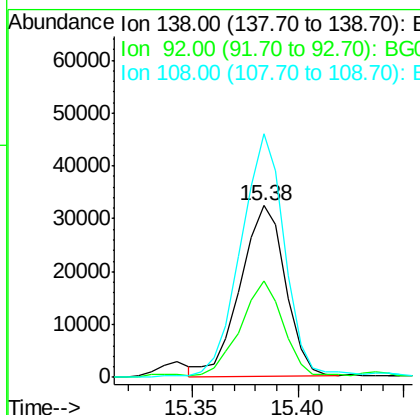
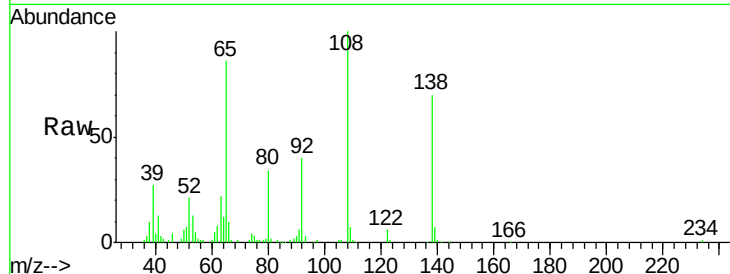
#61
4-Nitroaniline
Concen: 34.59 ng
RT: 15.38 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.2	33.7	73.7
108	142.0	98.7	138.7#

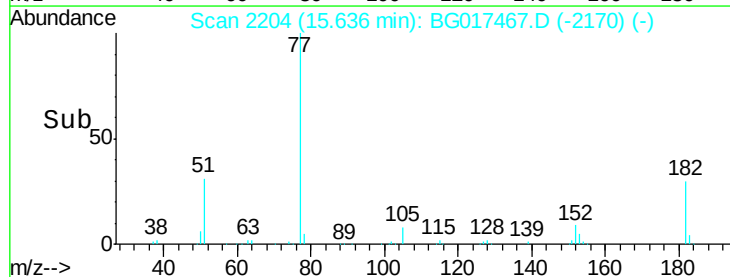
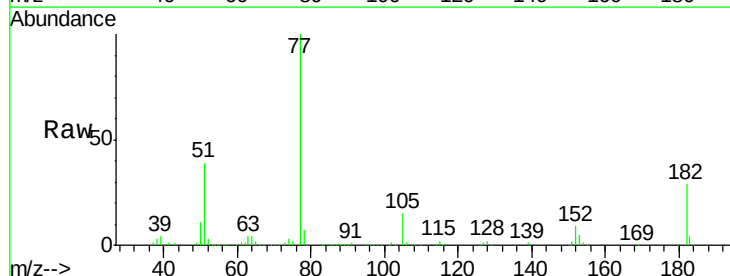
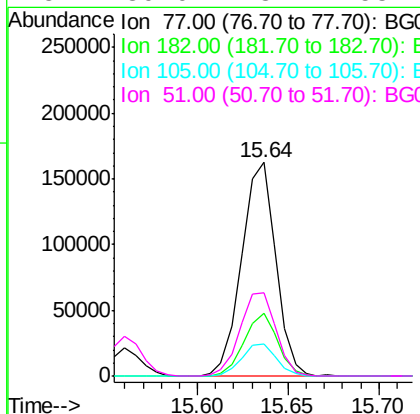
Manual Integrations
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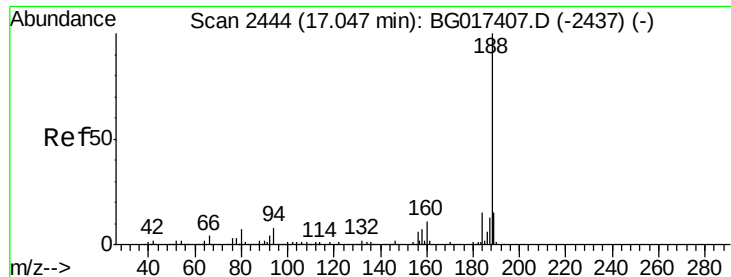
apatel
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#62
Azobenzene
Concen: 39.84 ng
RT: 15.64 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.4	8.0	48.0
105	14.8	0.0	36.9
51	39.0	18.1	58.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.04 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Instrument :

BNA_G

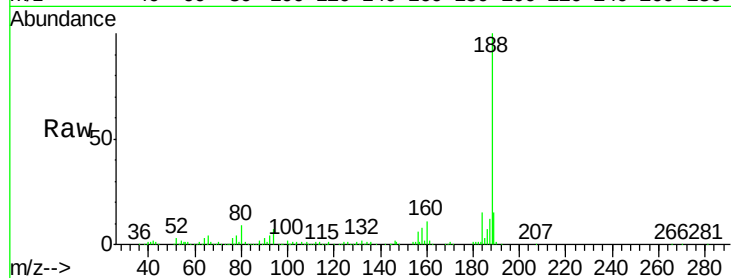
ClientSampleId :

AVE-E-C12.3(5)MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.4	6.3	9.5
80	8.8	5.2	7.8

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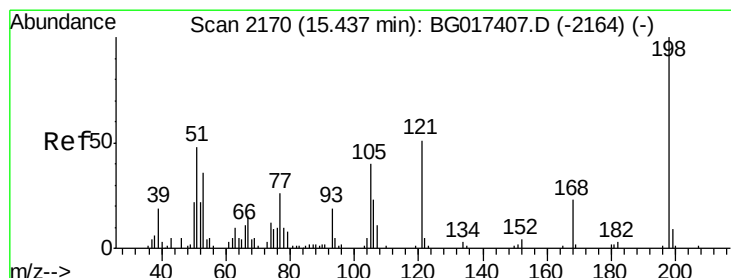
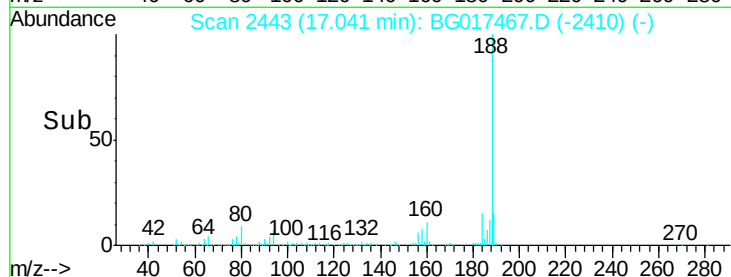
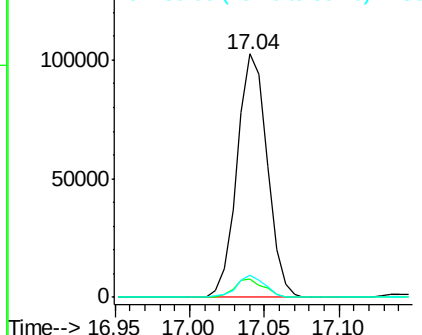
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 36.57 ng

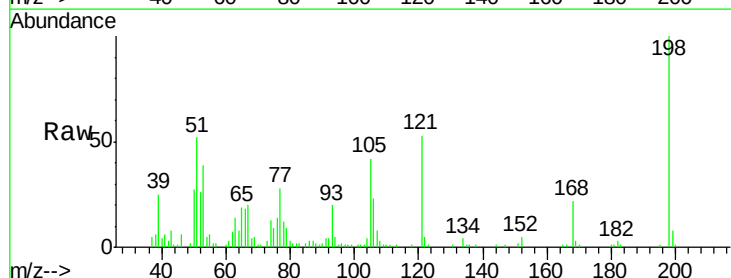
RT: 15.44 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

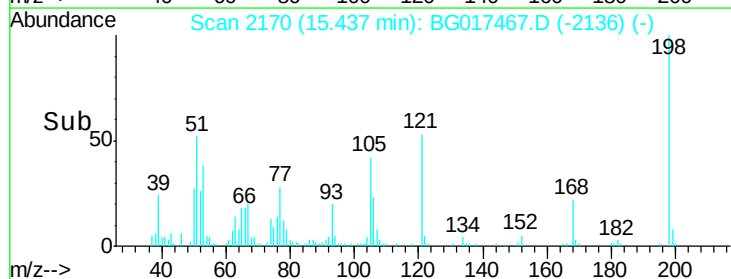
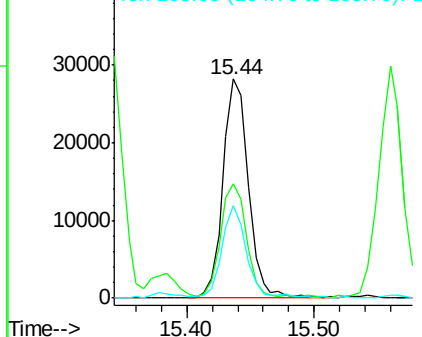
Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	52.2	30.3	70.3
105	42.1	20.8	60.8

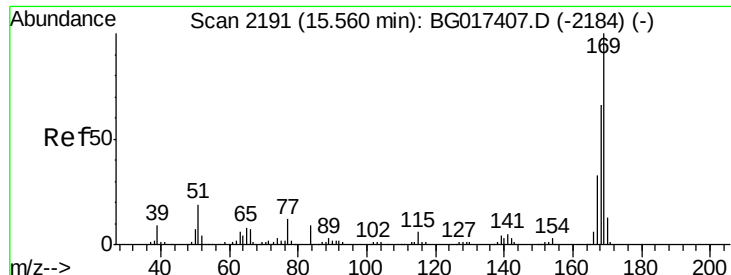


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





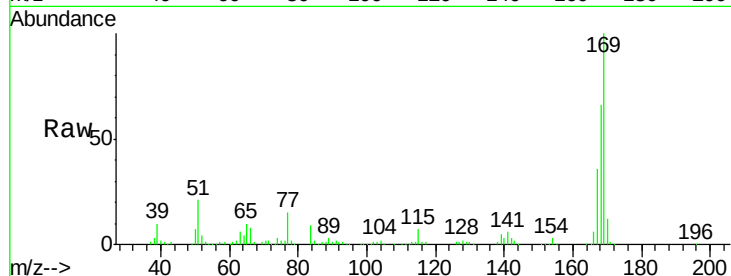
#65
n-Nitrosodiphenylamine
Concen: 42.59 ng
RT: 15.56 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

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

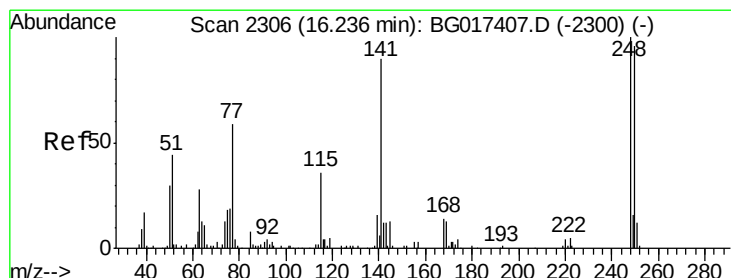
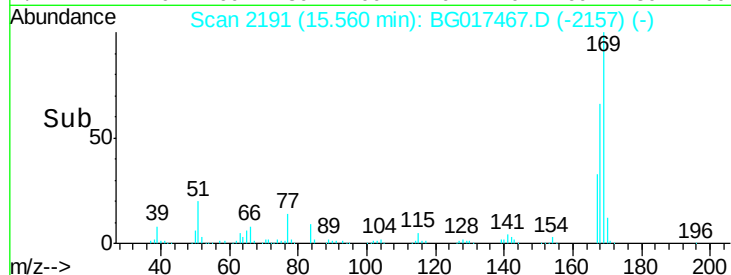
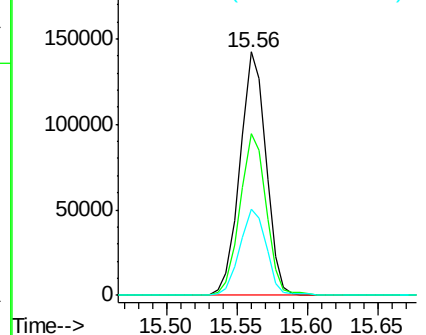
Tot Ion	Ratio	Resp	Lower	Upper
169	100	183384		
168	66.4	52.4	78.6	
167	35.5	26.3	39.5	

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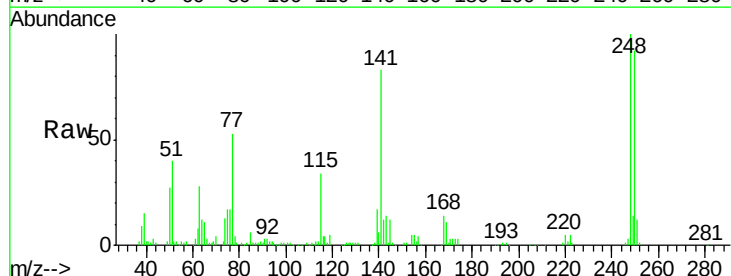


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

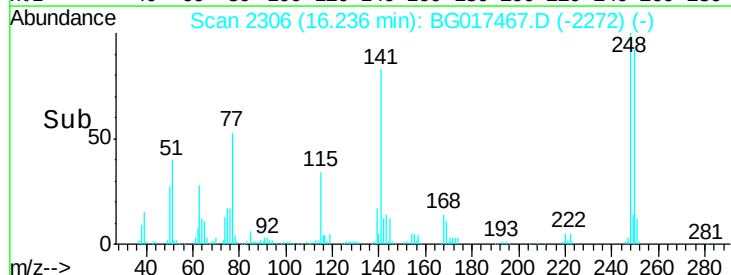
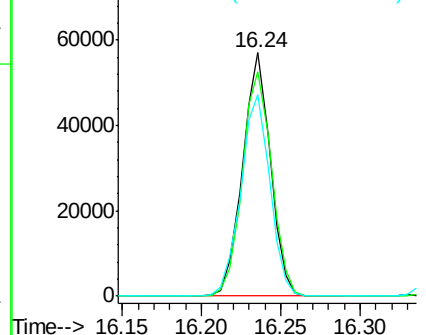


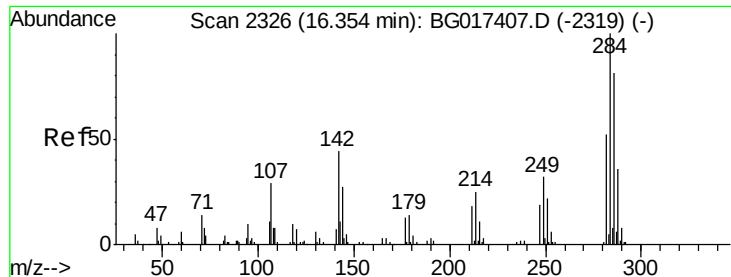
#66
4-Bromophenyl-phenylether
Concen: 43.30 ng
RT: 16.24 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	69201		
250	92.1	76.9	115.3	
141	82.8	71.8	107.6	



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.41 ng

RT: 16.35 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Instrument :

BNA_G

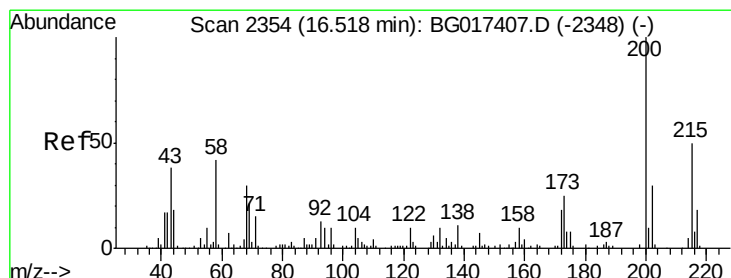
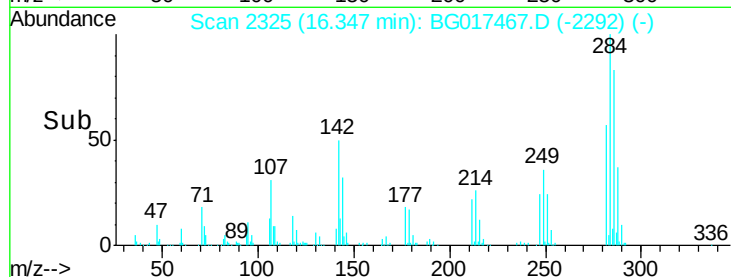
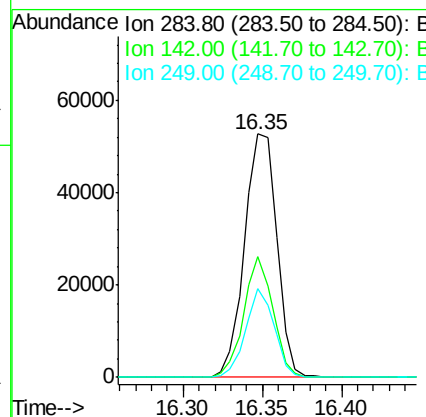
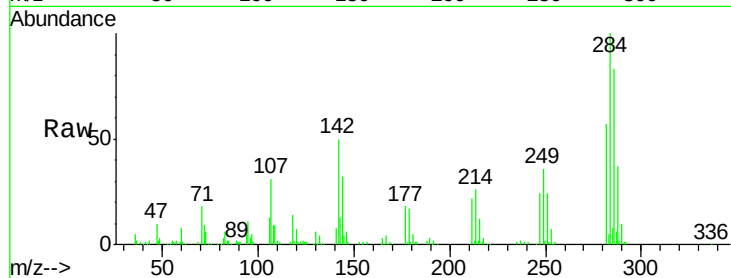
ClientSampleId :

AVE-E-C12.3(5)MSD

Tot Ion:	284	Resp:	74579
Ion Ratio	Lower	Upper	
284	100		
142	49.6	35.2	52.8
249	36.3	25.9	38.9

Manual Integrations
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#68

Atrazine

Concen: 40.36 ng

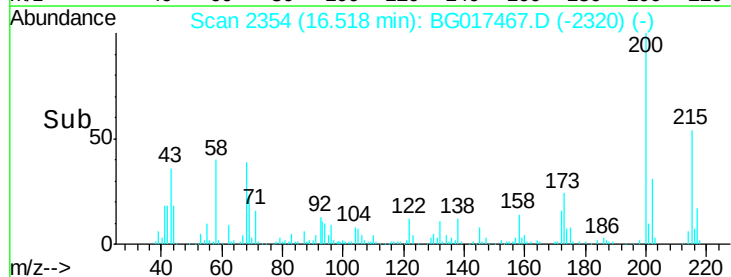
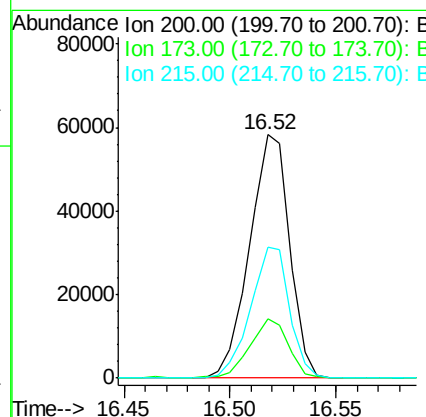
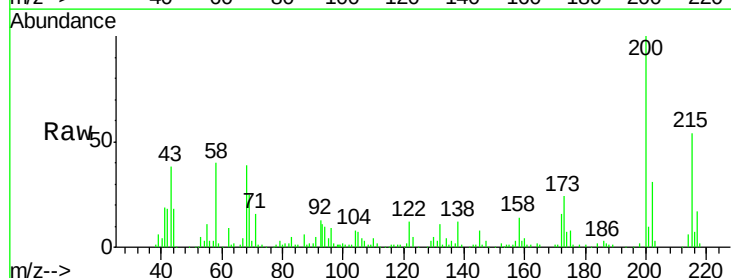
RT: 16.52 min Scan# 2354

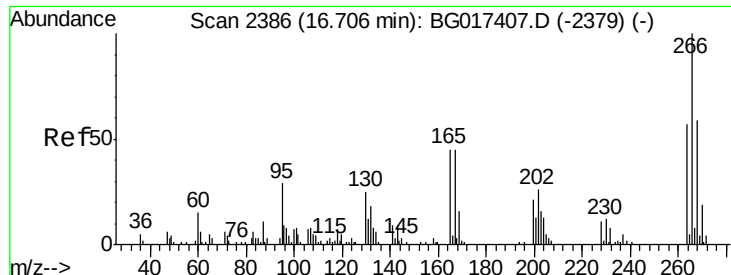
Delta R.T. -0.00 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Tgt Ion:	200	Resp:	76483
Ion Ratio	Lower	Upper	
200	100		
173	24.1	4.9	44.9
215	53.6	30.1	70.1





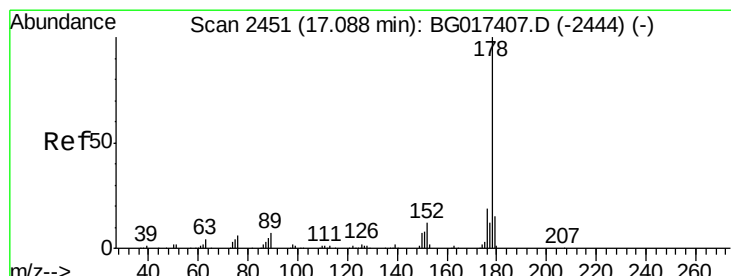
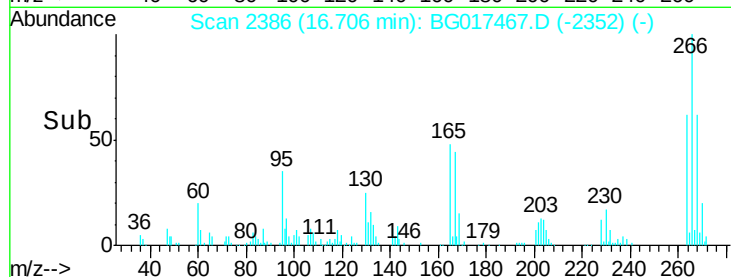
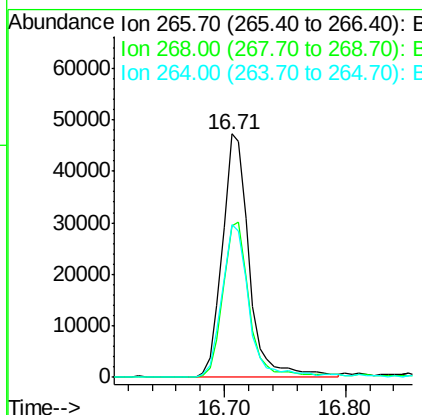
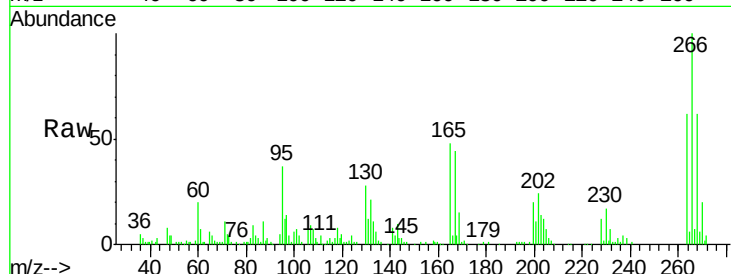
#69
 Pentachlorophenol
 Concen: 70.06 ng
 RT: 16.71 min Scan# 2386
 Delta R.T. -0.00 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.0	47.0	70.6
264	62.5	45.7	68.5

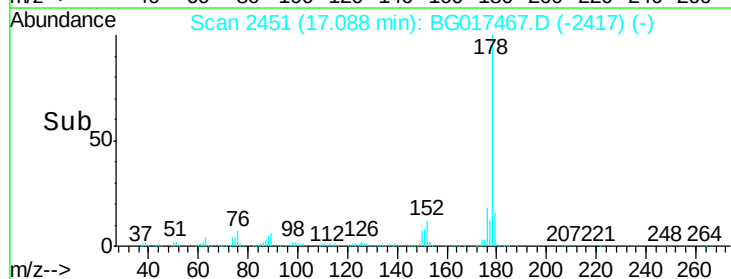
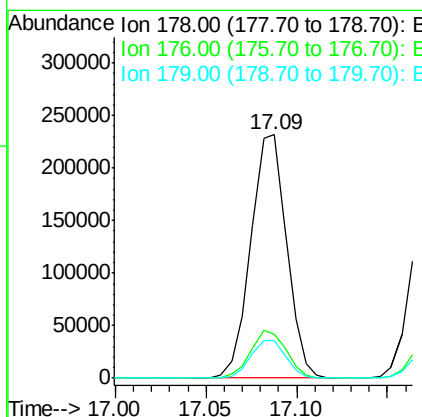
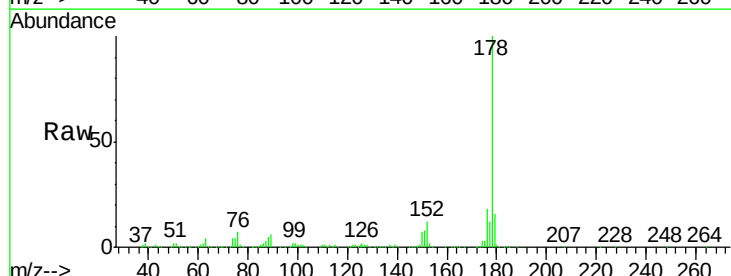
Manual Integrations
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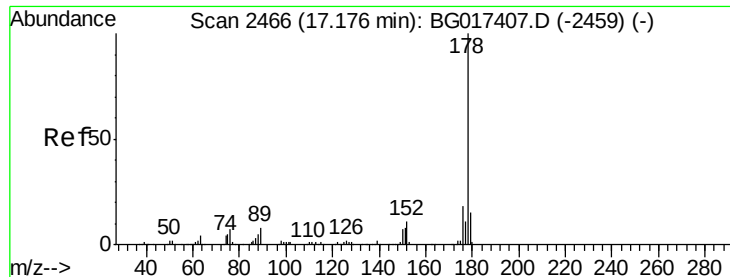
apatel
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#70
 Phenanthrene
 Concen: 39.54 ng
 RT: 17.09 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	15.5	12.2	18.2





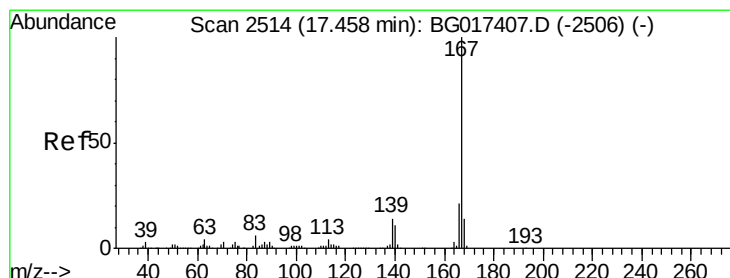
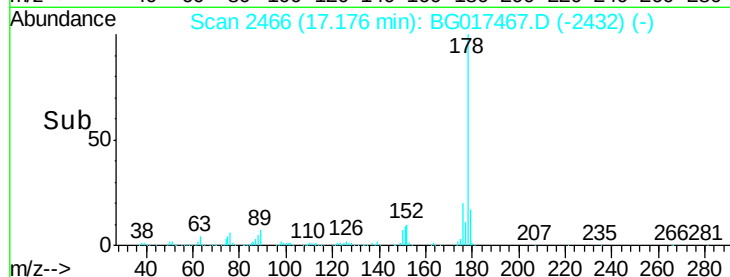
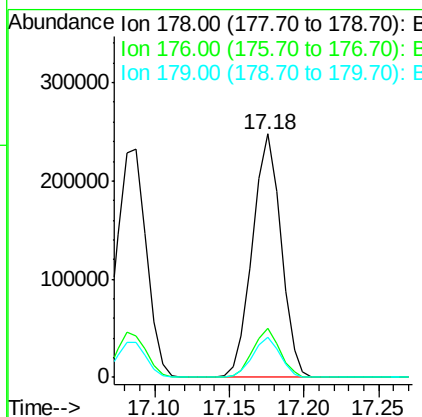
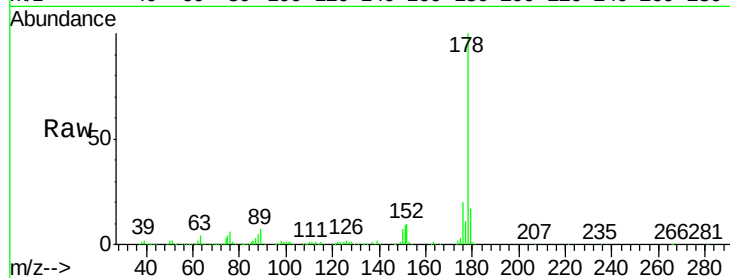
#71
 Anthracene
 Concen: 40.74 ng
 RT: 17.18 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.2	21.2
179	16.6	12.2	18.4

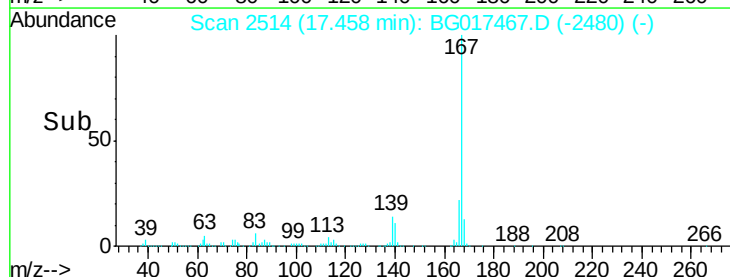
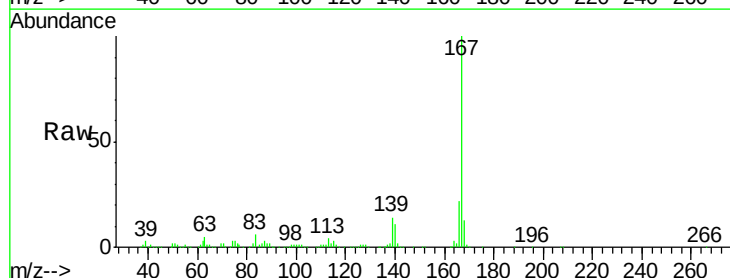
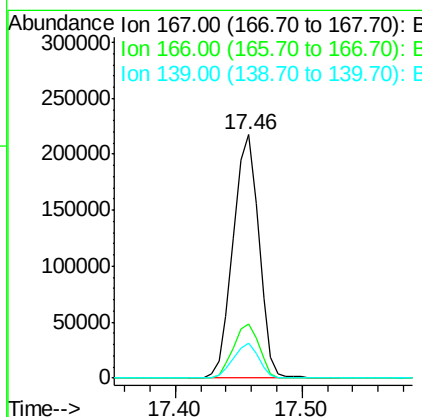
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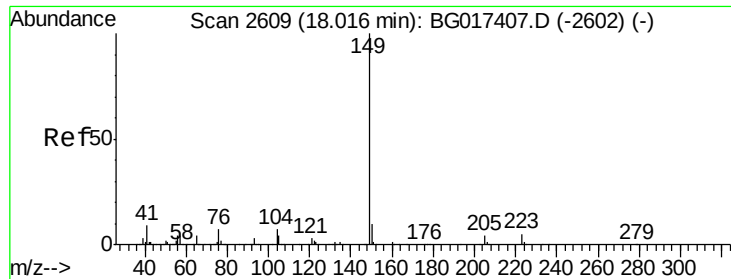
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#72
 Carbazole
 Concen: 38.50 ng
 RT: 17.46 min Scan# 2514
 Delta R.T. -0.00 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.0	25.4
139	14.3	11.3	16.9





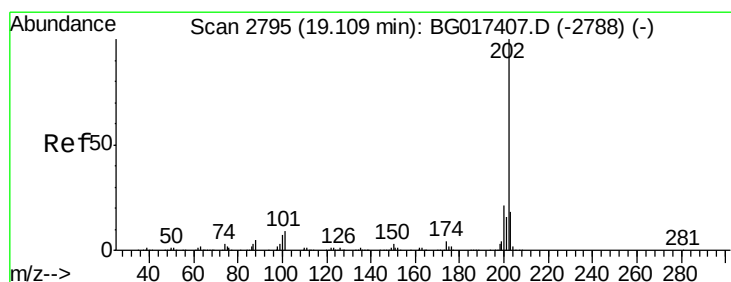
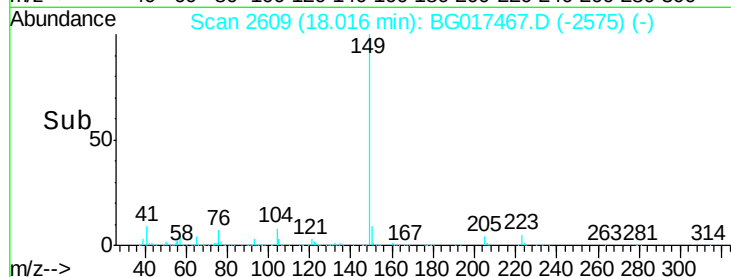
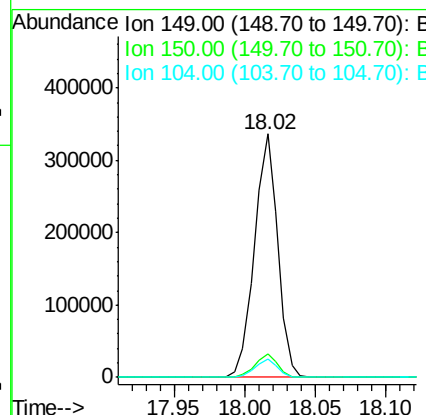
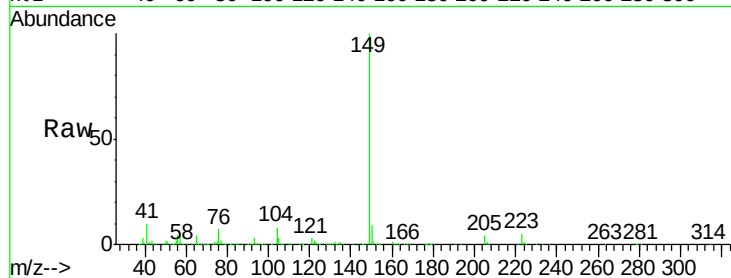
#73
Di-n-butylphthalate
Concen: 38.35 ng
RT: 18.02 min Scan# 2609
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

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

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.4	7.6	11.4
104	7.7	5.4	8.2

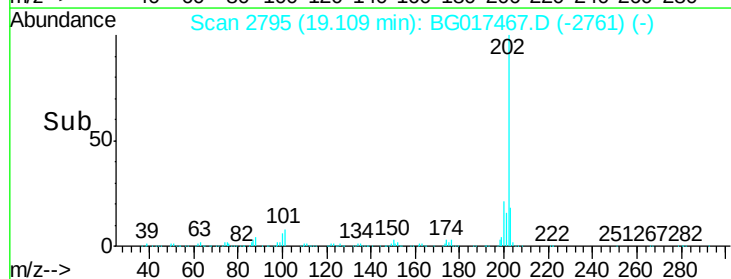
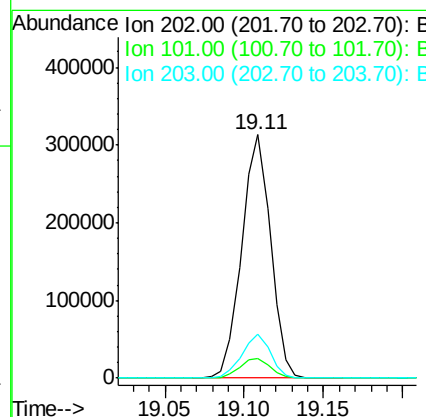
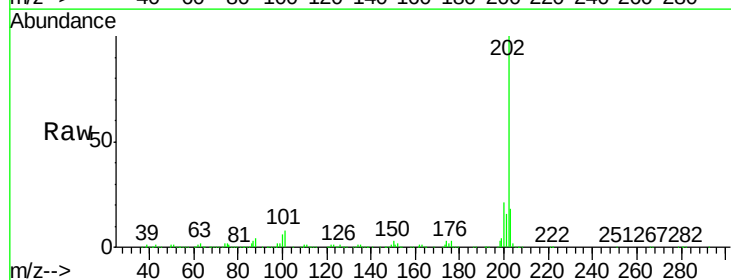
Manual Integrations
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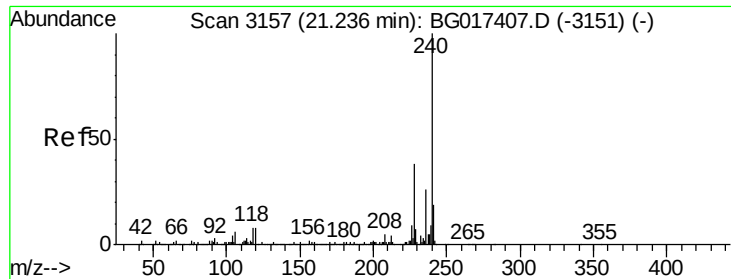
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#74
Fluoranthene
Concen: 37.69 ng
RT: 19.11 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.9	0.0	28.8
203	17.9	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: BG017467.D

Acq: 5 Jun 2015 8:17

Instrument :

BNA_G

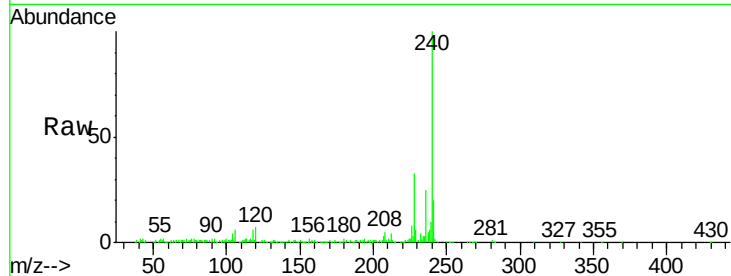
ClientSampleId :

AVE-E-C12.3(5)MSD

Tot Ion:	240	Resp:	170509
Ion Ratio	Lower	Upper	
240	100		
120	6.8	6.5	9.7
236	25.4	20.8	31.2

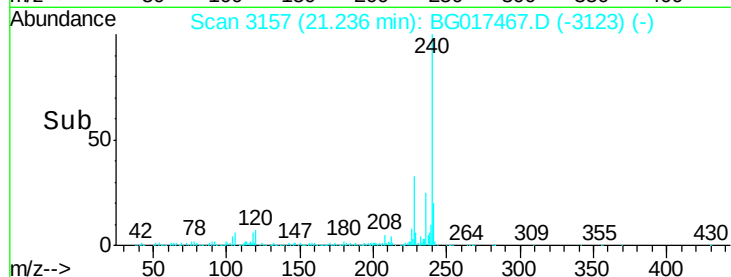
Manual Integrations
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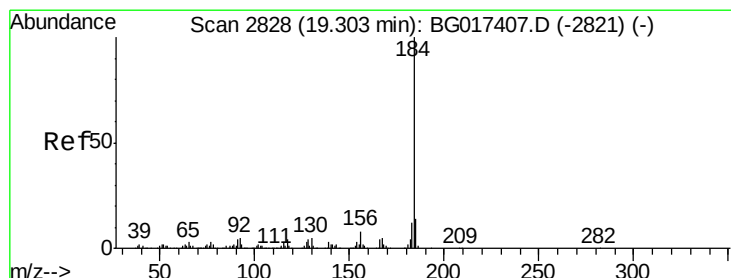


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

21.24



Time-->



#76

Benzidine

Concen: 18.68 ng

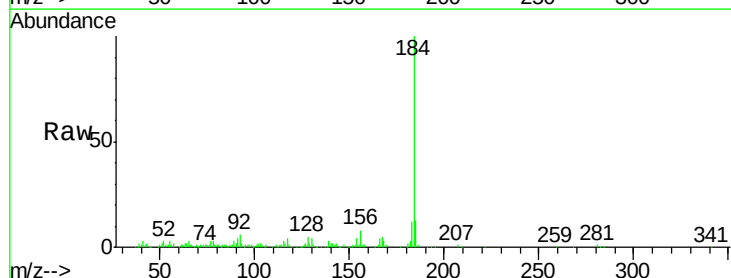
RT: 19.30 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BG017467.D

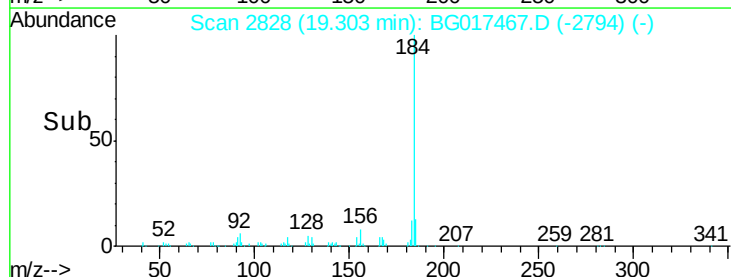
Acq: 5 Jun 2015 8:17

Tgt Ion:	184	Resp:	109444
Ion Ratio	Lower	Upper	
184	100		
185	13.5	11.0	16.6
183	11.7	9.8	14.8

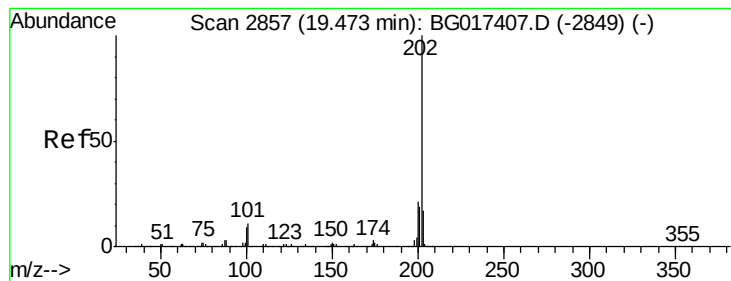


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

19.30



Time-->



#77

Pvrene

Concen: 38.31 ng

RT: 19.47 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Instrument :

BNA_G

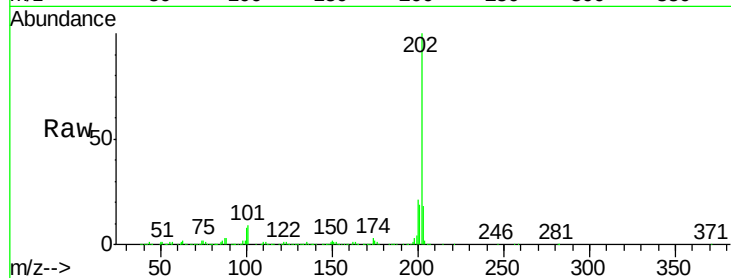
ClientSampleId :

AVE-E-C12.3(5)MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.0	25.4
203	18.4	13.9	20.9

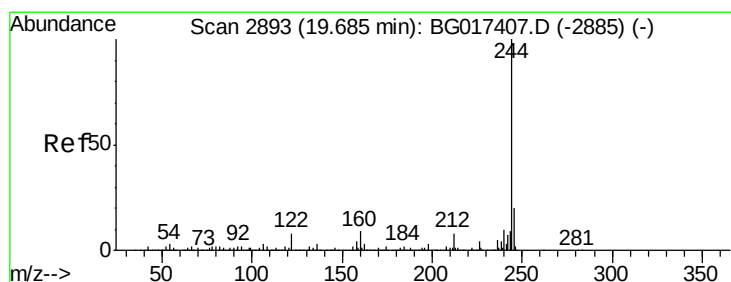
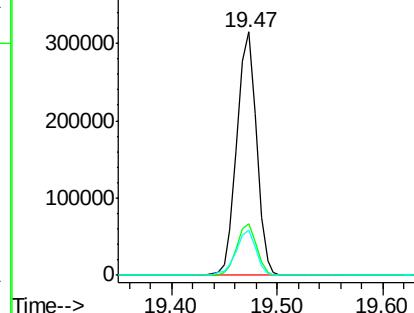
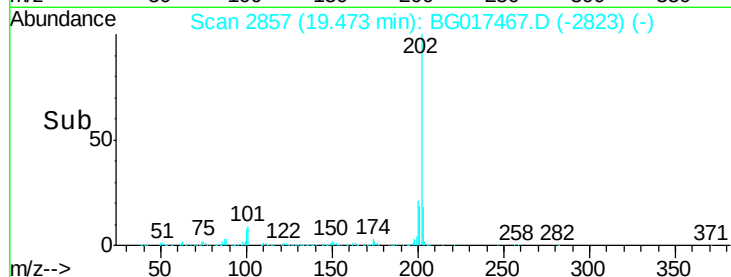
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

19.47



#78

Terphenyl-d14

Concen: 71.38 ng

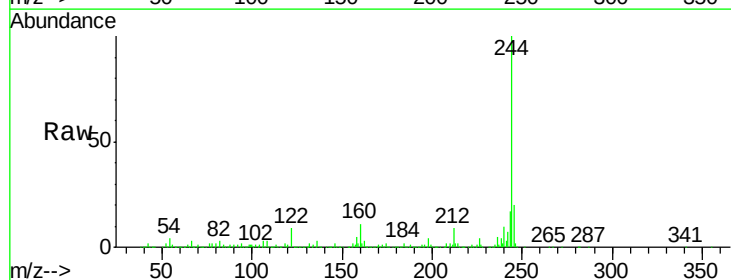
RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG017467.D

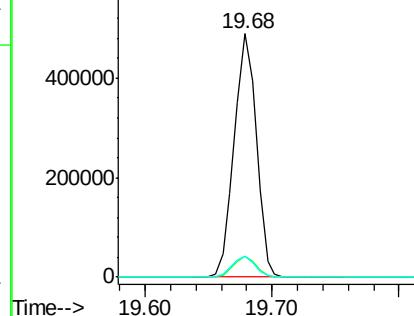
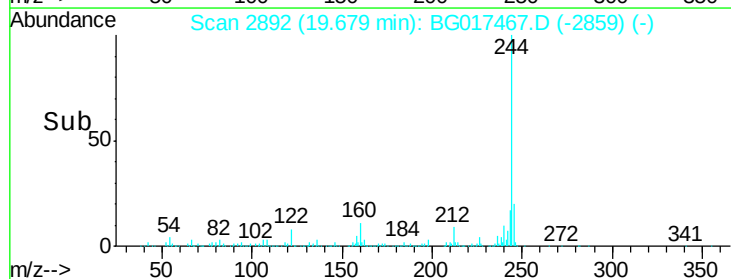
Acq: 5 Jun 2015 8:17

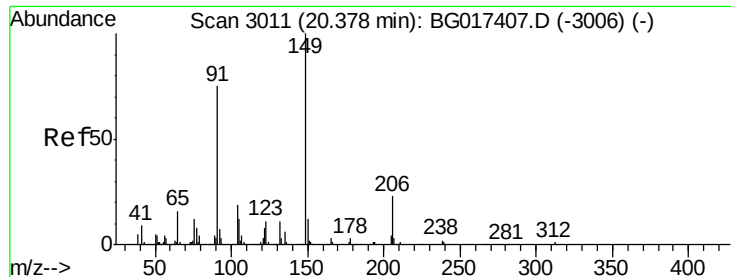
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.6	6.4	9.6
122	8.6	6.6	10.0



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

19.68





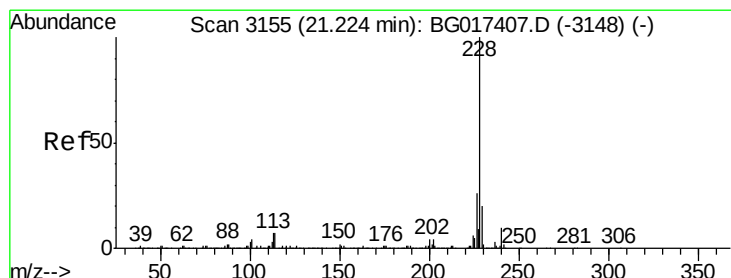
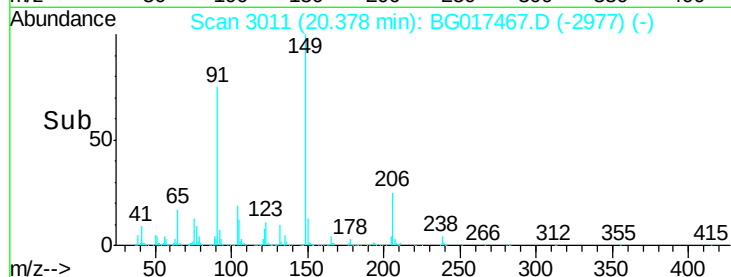
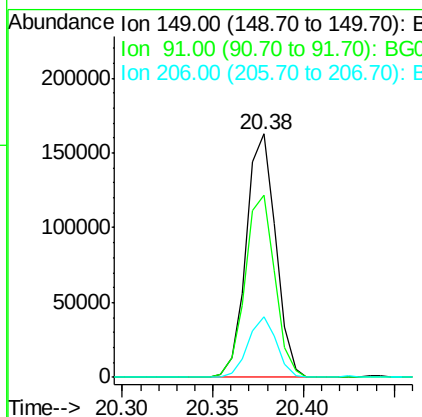
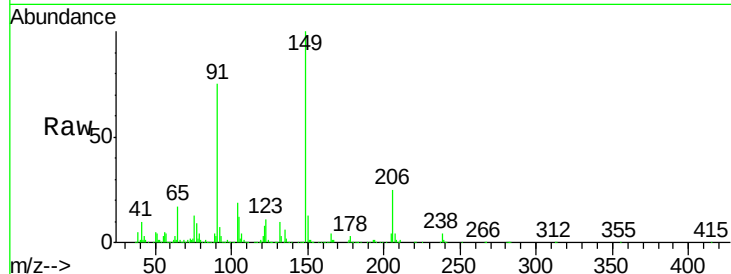
#79
Butylbenzylphthalate
Concen: 40.17 ng
RT: 20.38 min Scan# 3011
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

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

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	74.7	59.8	89.6
206	24.7	18.2	27.2

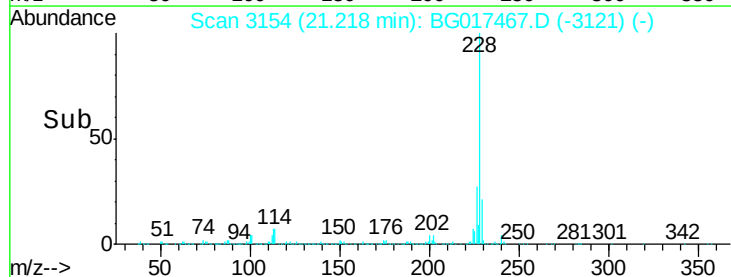
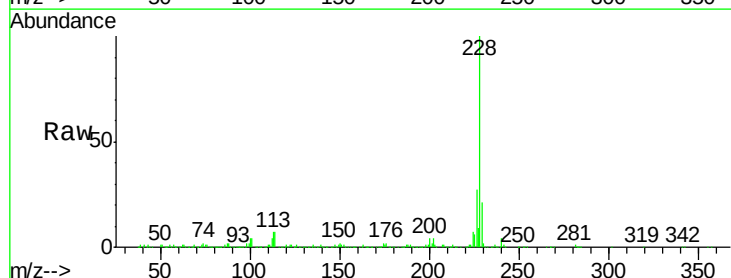
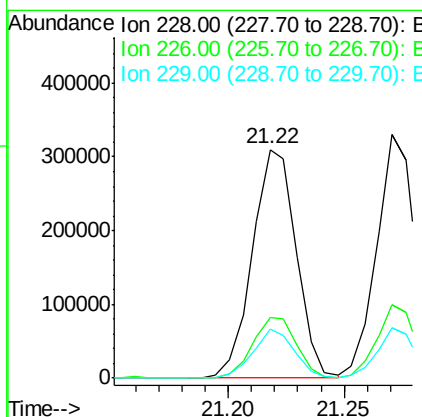
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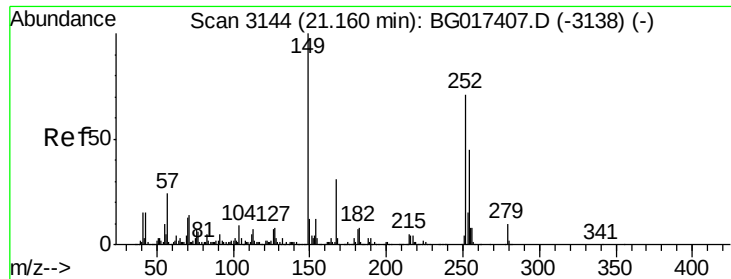
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#80
Benzo(a)anthracene
Concen: 39.01 ng
RT: 21.22 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.7	21.0	31.6
229	21.3	15.7	23.5





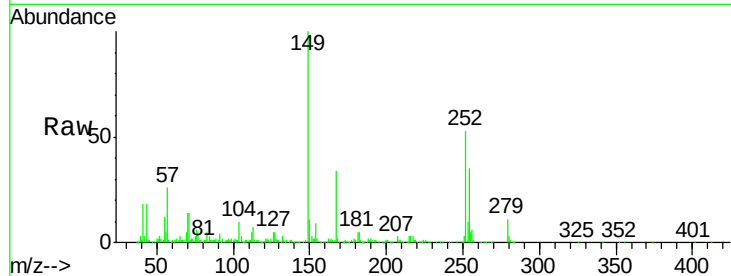
#81
 3,3'-Dichlorobenzidine
 Concen: 22.50 ng
 RT: 21.16 min Scan# 3144
 Delta R.T. -0.00 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

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

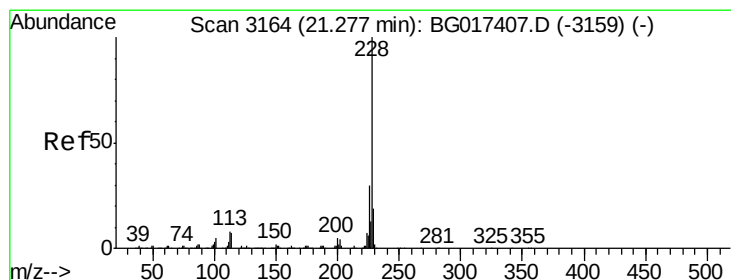
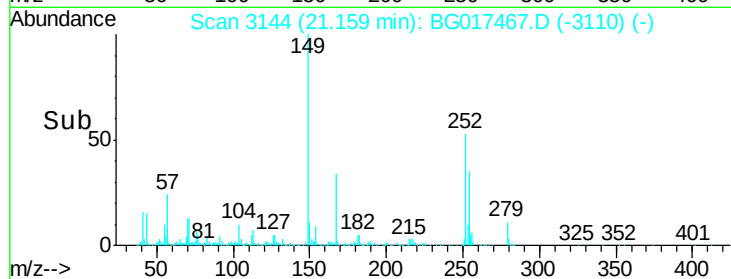
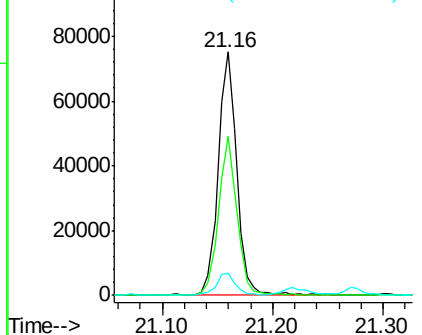
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.1	76.7
126	9.3	8.2	12.2

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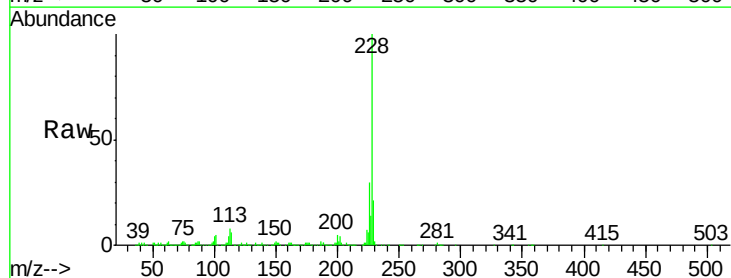


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

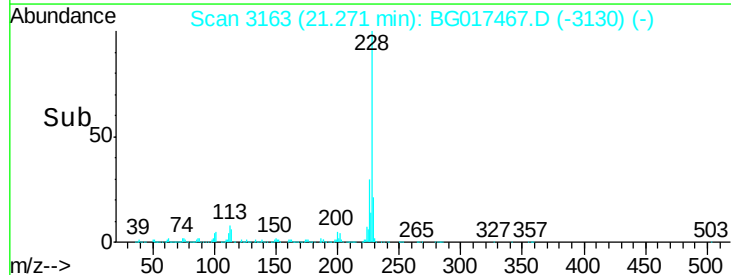
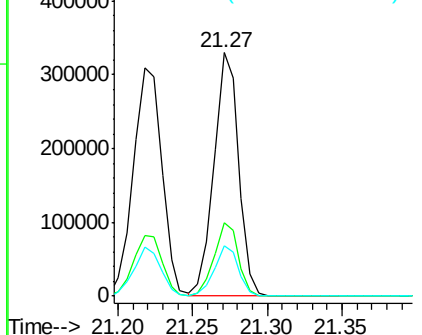


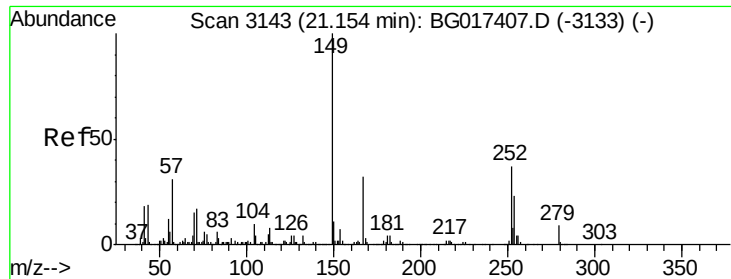
#82
 Chrysene
 Concen: 40.25 ng
 RT: 21.27 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.7	35.5
229	20.5	15.2	22.8



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.89 ng

RT: 21.15 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Instrument :

BNA_G

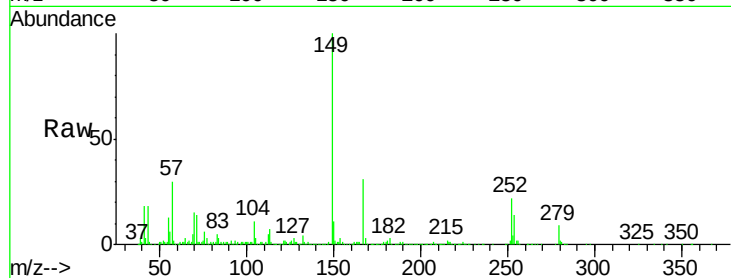
ClientSampleId :

AVE-E-C12.3(5)MSD

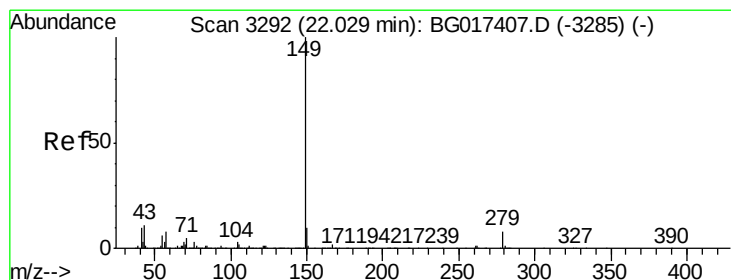
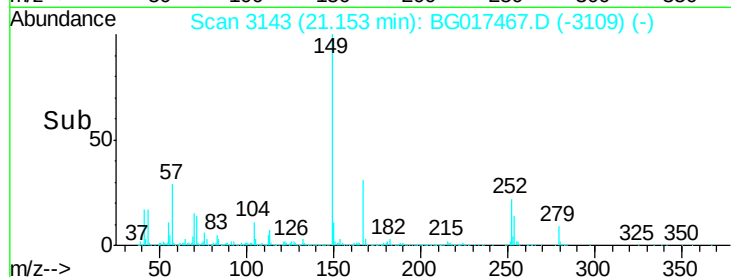
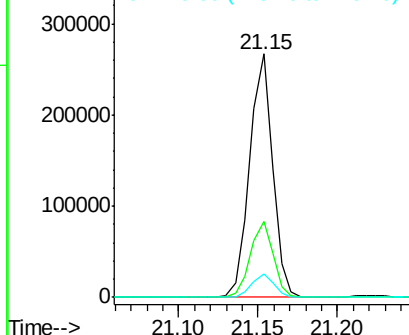
Tot Ion:	149	Resp:	268030
Ion Ratio	Lower	Upper	
149	100		
167	31.2	25.4	38.2
279	9.4	7.1	10.7

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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: 41.15 ng

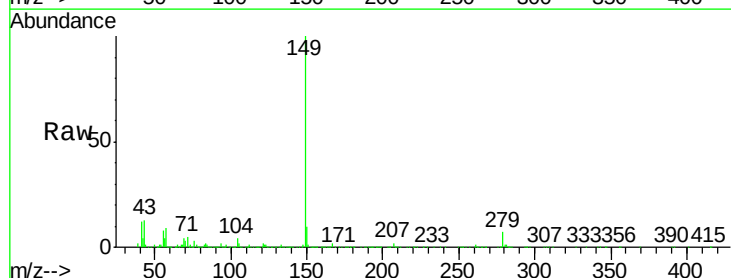
RT: 22.02 min Scan# 3291

Delta R.T. -0.01 min

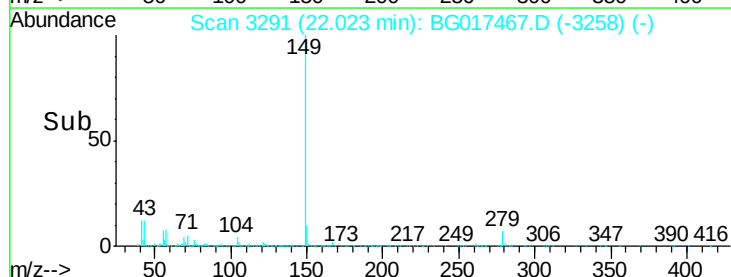
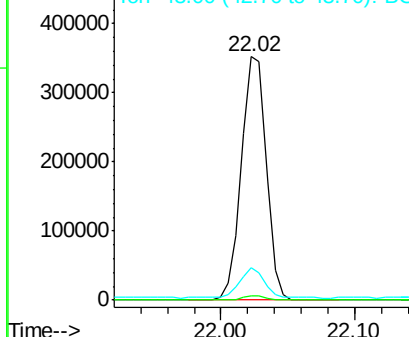
Lab File: BG017467.D

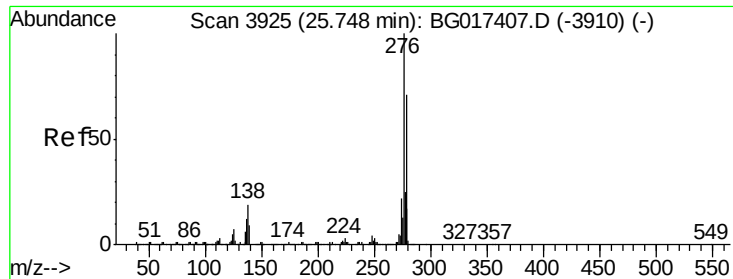
Acq: 5 Jun 2015 8:17

Tgt Ion:	149	Resp:	452291
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	13.1	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): BG





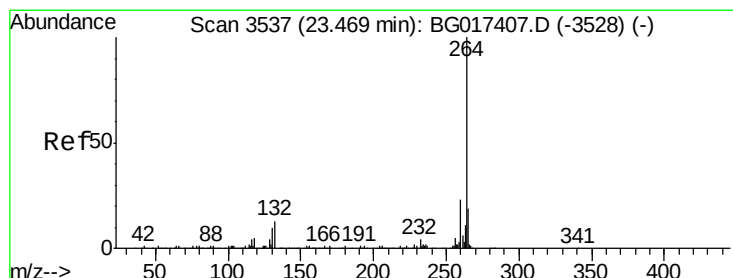
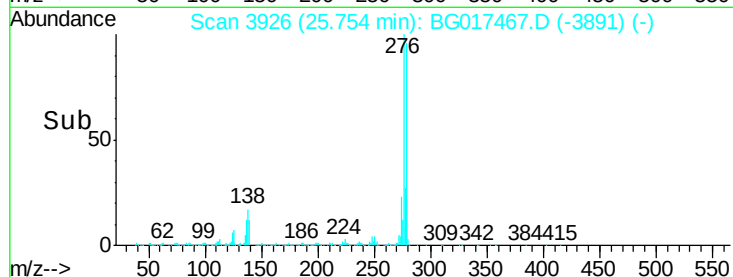
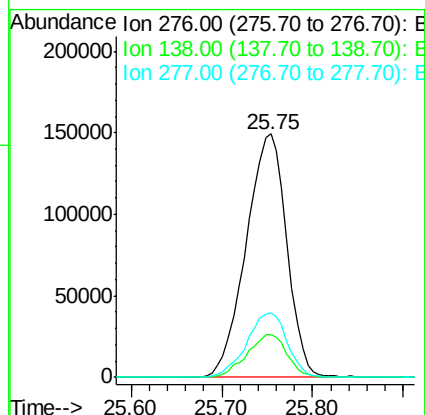
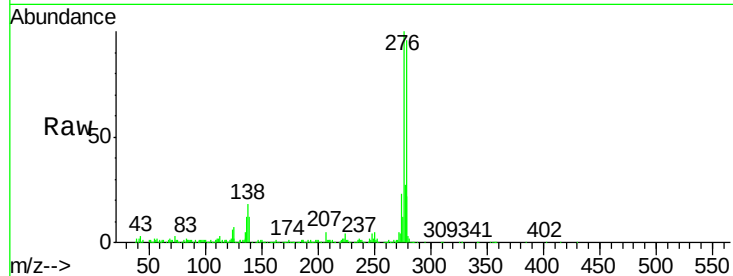
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.89 ng
RT: 25.75 min Scan# 3926
Delta R.T. 0.01 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

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

Tot Ion:	276	Resp:	463681
Ion Ratio	Lower	Upper	
276	100		
138	17.4	15.4	23.0
277	26.5	20.5	30.7

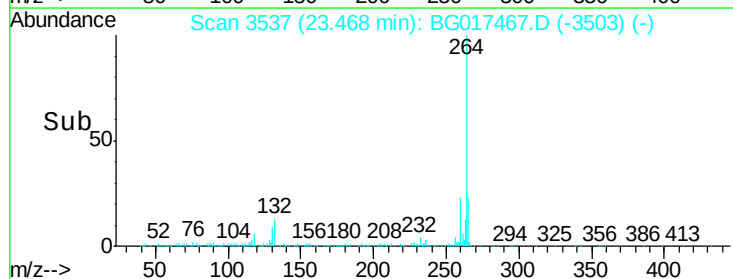
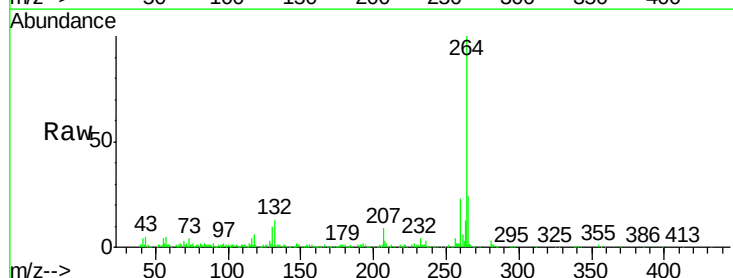
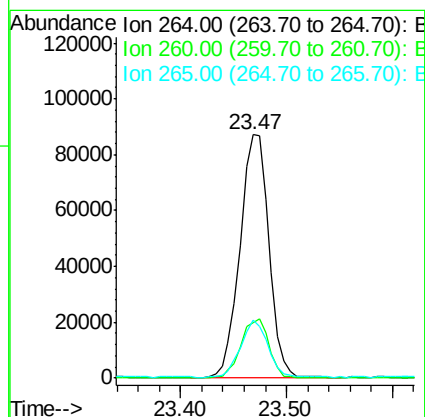
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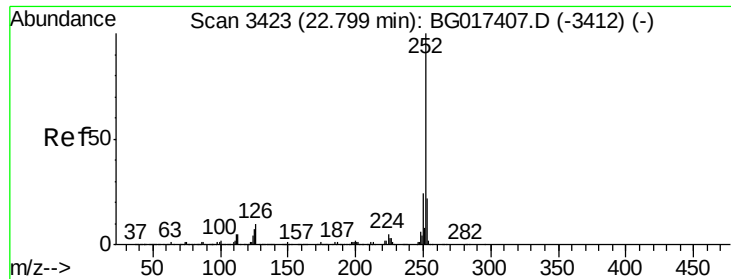
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.47 min Scan# 3537
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tgt Ion:	264	Resp:	165942
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.2	27.4
265	23.6	15.8	23.6





#87

Benzo(b)fluoranthene

Concen: 39.16 ng

RT: 22.80 min Scan# 3423

Delta R.T. -0.00 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Instrument :

BNA_G

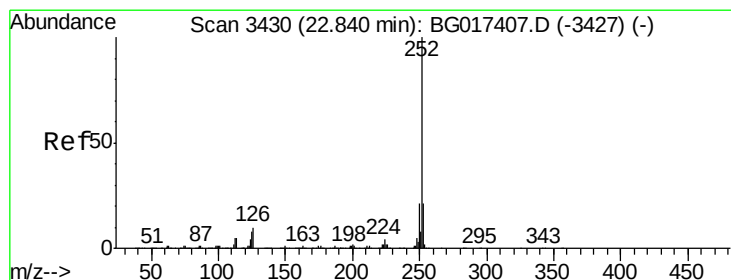
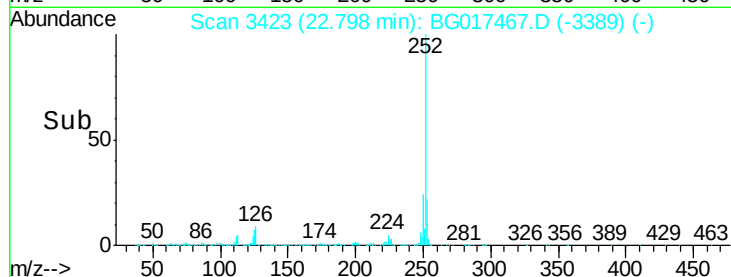
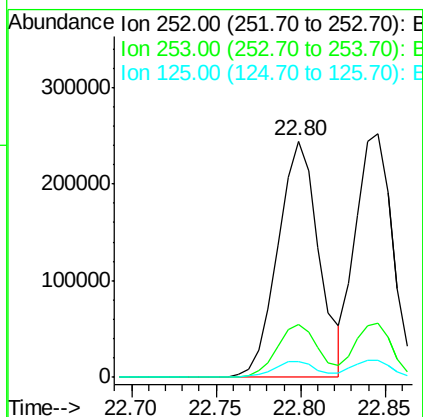
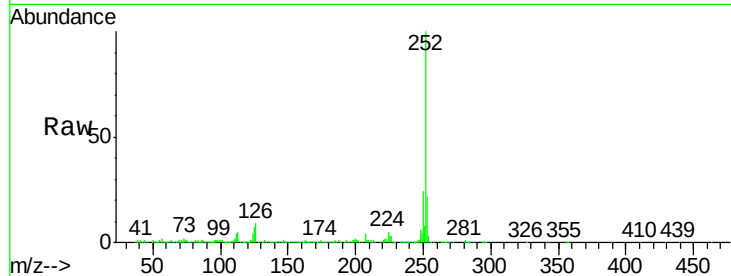
ClientSampleId :

AVE-E-C12.3(5)MSD

Tot Ion:	252	Resp:	411812
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.2
125	6.9	5.8	8.8

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#88

Benzo(k)fluoranthene

Concen: 37.96 ng

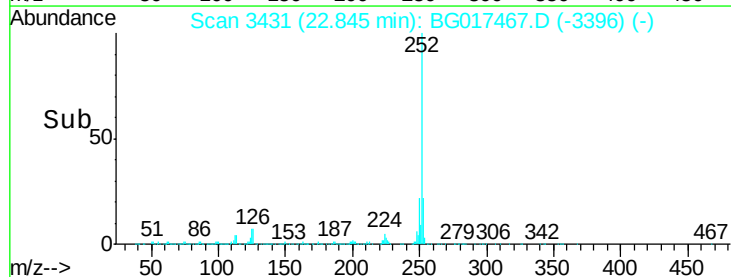
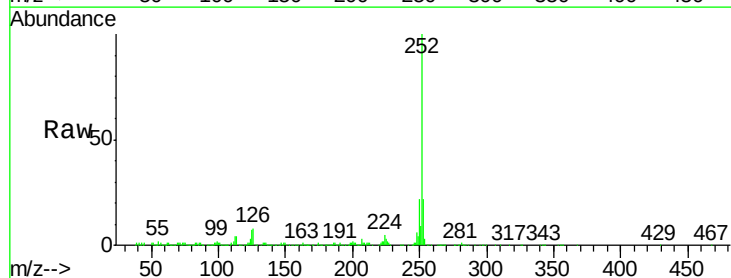
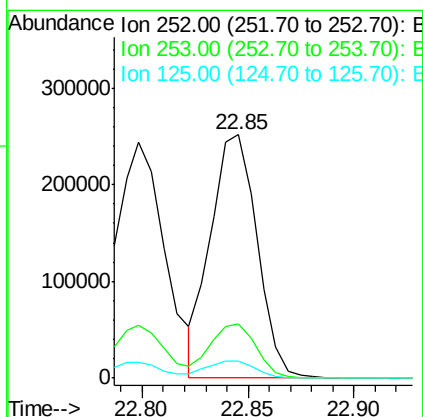
RT: 22.85 min Scan# 3431

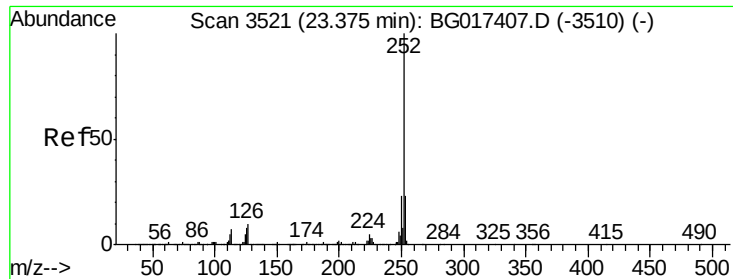
Delta R.T. 0.01 min

Lab File: BG017467.D

Acq: 5 Jun 2015 8:17

Tgt Ion:	252	Resp:	381991
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.7	26.5
125	6.9	6.5	9.7





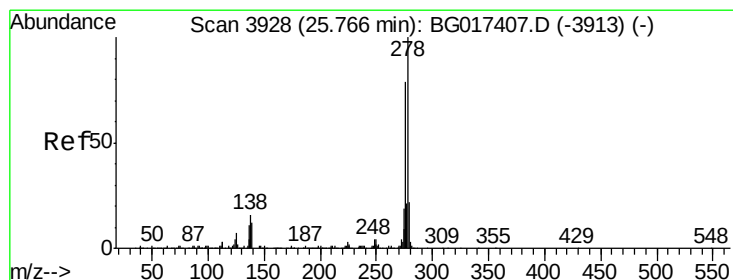
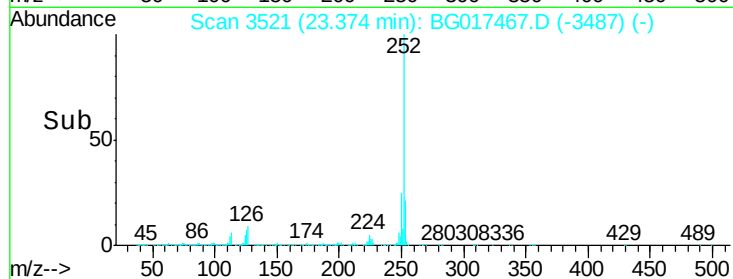
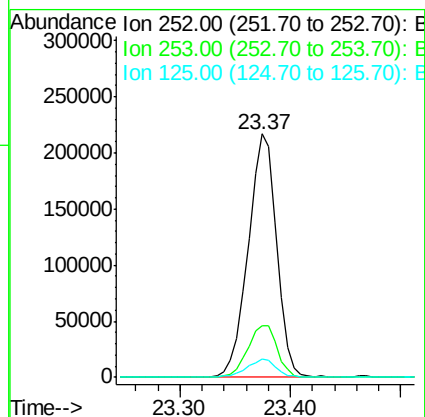
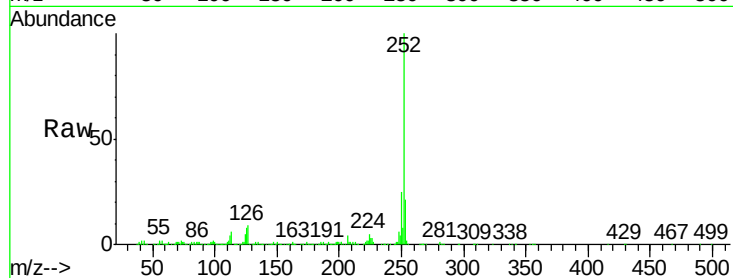
#89
Benzo(a)pyrene
Concen: 40.73 ng
RT: 23.37 min Scan# 3521
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

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

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.4	18.1	27.1
125	7.5	6.5	9.7

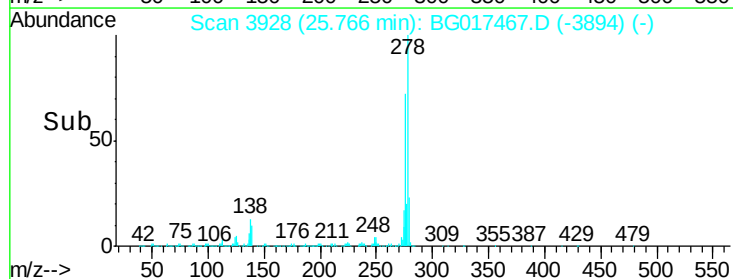
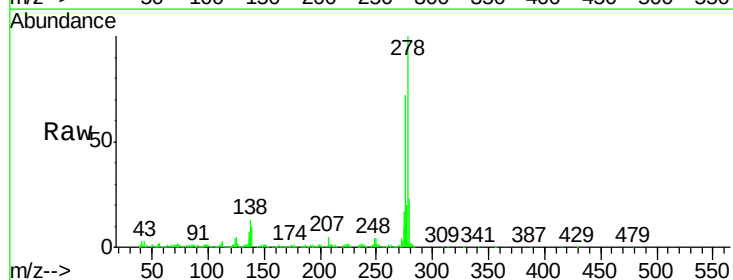
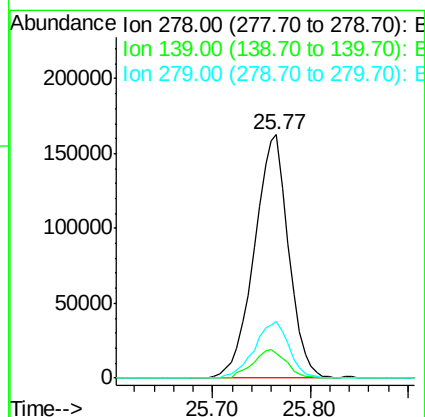
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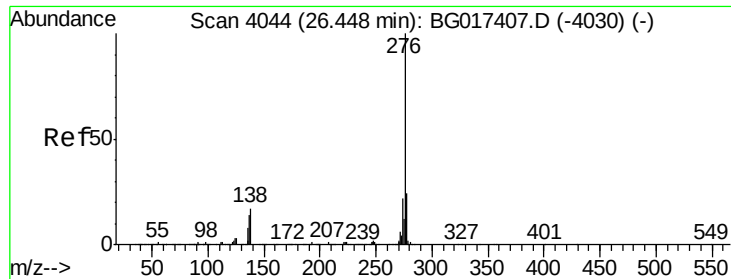
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#90
Dibenzo(a,h)anthracene
Concen: 39.92 ng
RT: 25.77 min Scan# 3928
Delta R.T. -0.00 min
Lab File: BG017467.D
Acq: 5 Jun 2015 8:17

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	9.9	9.4	14.0
279	23.1	17.8	26.8





#91
 Benzo(a,h,i)perylene
 Concen: 40.23 ng
 RT: 26.45 min Scan# 4045
 Delta R.T. 0.01 min
 Lab File: BG017467.D
 Acq: 5 Jun 2015 8:17

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.2	28.8
138	14.8	13.5	20.3

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