

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081715\
 Data File : BG018451.D
 Acq On : 17 Aug 2015 13:37
 Operator : UM/MA
 Sample : MDL-06-S
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-S

Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:21:07 PM

Quant Time: Aug 18 02:23:29 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 01:30:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	98828	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	463111	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	304100	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	771806	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	774131	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	770748	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	13912	6.22	ng/uL	0.00
5) Phenol-d5	7.17	99	319383	35.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	202187	36.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	234718	34.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	269311	35.73	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	134005	37.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	142318	38.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	265256	33.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	382335	43.36	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	939091	36.70	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	1115469	34.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	187355	40.71	ng/ul	0.00
58) Fluorene-d10	15.64	176	813096	36.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	141119	37.17	ng/ul	0.00
71) Anthracene-d10	17.49	188	1321769	35.81	ng/ul	0.00
79) Pyrene-d10	19.77	212	1455469	36.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	1511632	36.94	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.48	88	2246m	0.94	ng/uL
4) Benzaldehyde	7.15	77	18405	3.50	ng/ul
6) Phenol	7.20	94	27401	2.99	ng/ul
8) Bis(2-Chloroethyl)ether	7.43	93	23580	3.35	ng/ul
10) 2-Chlorophenol	7.58	128	19426	2.77	ng/ul
11) 2-Methylphenol	8.46	108	19668	2.77	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.54	45	29404	2.60	ng/ul
14) Acetophenone	8.84	105	36033	3.31	ng/ul#
15) N-Nitroso-di-n-propylamine	8.82	70	19315	3.09	ng/ul#
16) 4-Methylphenol	8.78	108	22947	2.96	ng/ul
17) Hexachloroethane	9.10	117	8837	2.93	ng/ul
20) Nitrobenzene	9.21	77	25368	2.78	ng/ul
21) Isophorone	9.74	82	56694	3.24	ng/ul
23) 2-Nitrophenol	9.93	139	12305	3.01	ng/ul#
24) 2,4-Dimethylphenol	9.99	107	23544	2.57	ng/ul
25) Bis(2-Chloroethoxy)methane	10.22	93	32138	2.94	ng/ul
27) 2,4-Dichlorophenol	10.46	162	20940	2.86	ng/ul#
28) Naphthalene	10.87	128	72234	2.95	ng/ul
30) 4-Chloroaniline	10.98	127	34725	3.87	ng/ul
31) Hexachlorobutadiene	11.16	225	12134	2.63	ng/ul
32) Caprolactam	11.75	113	9588m	3.26	ng/ul
33) 4-Chloro-3-methylphenol	12.09	107	24383	2.88	ng/ul
34) 2-Methylnaphthalene	12.47	142	55054	3.11	ng/ul

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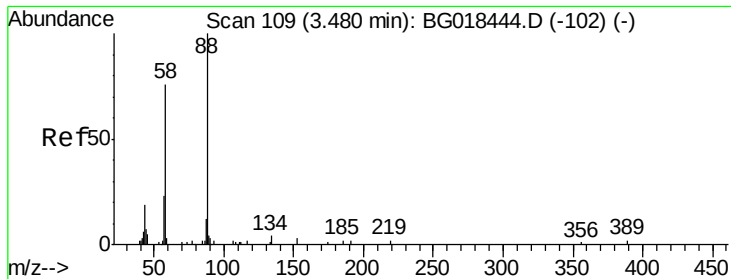
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	28032	2.87	ng/ul	96
38) Hexachlorocyclopentadiene	12.82	237	14193	2.44	ng/ul#	81
39) 2,4,6-Trichlorophenol	13.08	196	17782	2.68	ng/ul	90
40) 2,4,5-Trichlorophenol	13.15	196	19831m	2.78	ng/ul	
41) 1,1'-Biphenyl	13.48	154	75194	2.96	ng/ul	91
42) 2-Chloronaphthalene	13.52	162	57487	2.92	ng/ul	98
43) 2-Nitroaniline	13.71	65	19205	3.02	ng/ul#	88
45) Dimethylphthalate	14.09	163	76546	3.03	ng/ul	97
46) 2,6-Dinitrotoluene	14.21	165	15035	2.99	ng/ul	90
48) Acenaphthylene	14.37	152	101054	3.13	ng/ul	97
49) 3-Nitroaniline	14.54	138	18624	3.63	ng/ul	97
50) Acenaphthene	14.71	153	66334	2.93	ng/ul	99
51) 2,4-Dinitrophenol	14.74	184	5824	2.38	ng/ul#	80
53) 4-Nitrophenol	14.84	109	12593	3.15	ng/ul#	77
54) Dibenzofuran	15.04	168	93079	3.14	ng/ul	99
55) 2,4-Dinitrotoluene	14.99	165	22432	3.13	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.26	232	17409	2.80	ng/ul#	95
57) Diethylphthalate	15.45	149	84673	3.16	ng/ul	94
59) Fluorene	15.69	166	81172	3.19	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.68	204	38565	3.20	ng/ul	91
61) 4-Nitroaniline	15.69	138	19065	3.37	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.76	198	12965	3.20	ng/ul#	75
65) N-Nitrosodiphenylamine	15.89	169	69340	2.99	ng/ul	96
66) 4-Bromophenyl-phenylether	16.58	248	23010	2.76	ng/ul	99
67) Hexachlorobenzene	16.69	284	26250	2.97	ng/ul	94
68) Atrazine	16.83	200	27127	3.12	ng/ul	94
69) Pentachlorophenol	17.03	266	11388	1.93	ng/ul	97
70) Phenanthrene	17.43	178	135377	3.23	ng/ul	96
72) Anthracene	17.52	178	138166	3.24	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	26189	2.45	ng/uL	99
74) Pentachlorobenzene	14.97	250	27633	2.71	ng/uL	93
75) Carbazole	17.78	167	130478	3.49	ng/ul	97
76) Di-n-butylphthalate	18.34	149	162202	3.32	ng/ul	98
77) Fluoranthene	19.43	202	166860	3.73	ng/ul	99
80) Pyrene	19.79	202	171630	3.28	ng/ul	98
81) Butylbenzylphthalate	20.68	149	68133	3.08	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.54	252	54350	3.38	ng/ul	95
83) Benzo(a)anthracene	21.62	228	155665	3.24	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	99193	3.17	ng/ul#	97
85) Chrysene	21.69	228	141814	3.16	ng/ul	94
87) Di-n-octyl phthalate	22.74	149	173149	3.48	ng/ul	100
88) Benzo(b)fluoranthene	23.83	252	147139	3.04	ng/ul	96
89) Benzo(k)fluoranthene	23.89	252	148819	3.19	ng/ul	94
91) Benzo(a)pyrene	24.69	252	138992	3.02	ng/ul	93
92) Indeno(1,2,3-cd)pyrene	28.47	276	161155	3.02	ng/ul	97
93) Dibenzo(a,h)anthracene	28.55	278	134688m	3.04	ng/ul	
94) Benzo(g,h,i)perylene	29.60	276	135107m	3.02	ng/ul	

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



#2

1,4-Dioxane

Concen: 0.94 ng/uL m

RT: 3.48 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG018451.D

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Instrument :

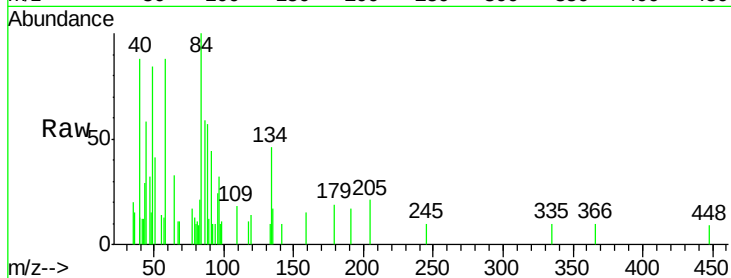
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ClientSampleId :

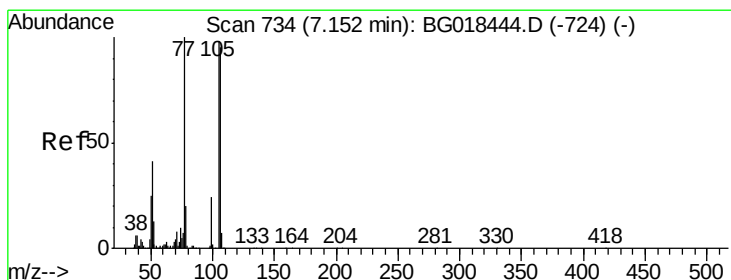
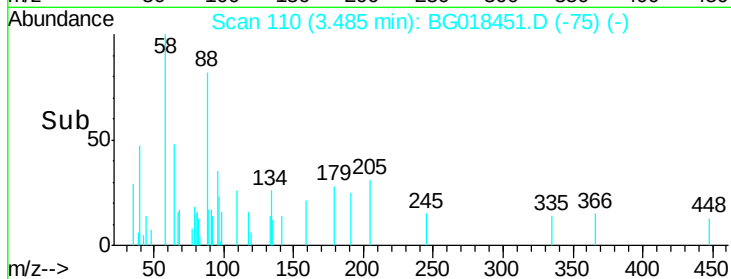
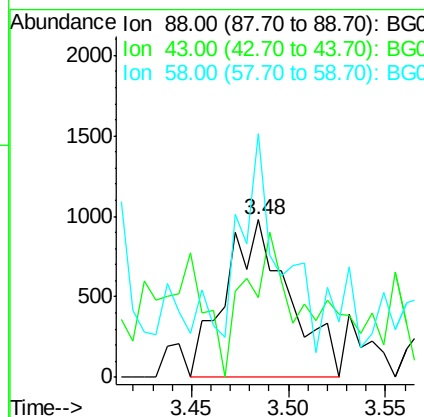
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Tgt Ion:	88	Resp:	2246
Ion	Ratio	Lower	Upper
88	100		
43	50.7	33.0	49.4#
58	154.4	73.4	110.0#



#4

Benzaldehyde

Concen: 3.50 ng/uL

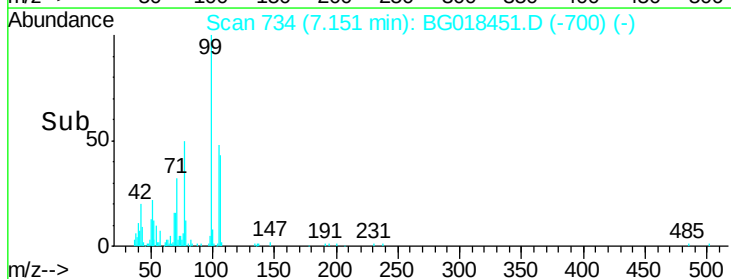
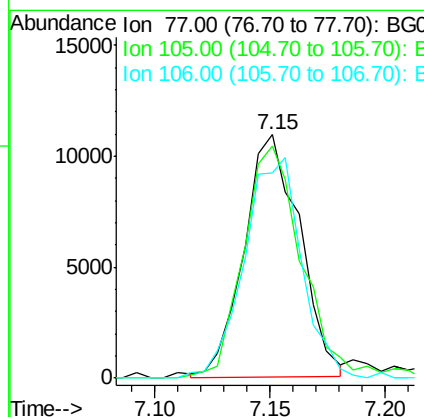
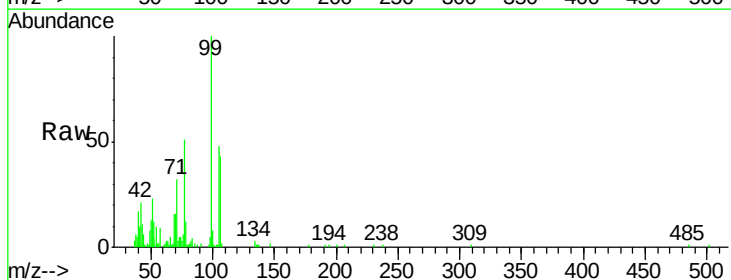
RT: 7.15 min Scan# 734

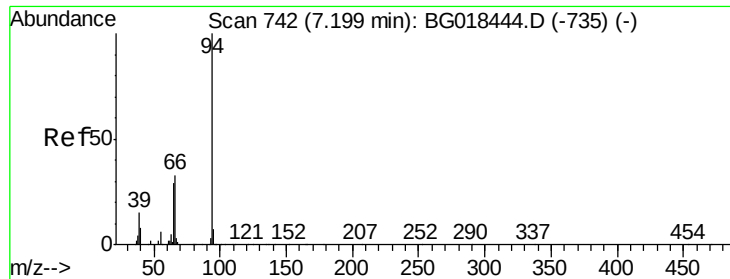
Delta R.T. -0.00 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

Tgt Ion:	77	Resp:	18405
Ion	Ratio	Lower	Upper
77	100		
105	95.5	78.2	117.2
106	84.3	76.8	115.2





#6

Phenol

Concen: 2.99 ng/ul

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

Instrument :

BNA_G

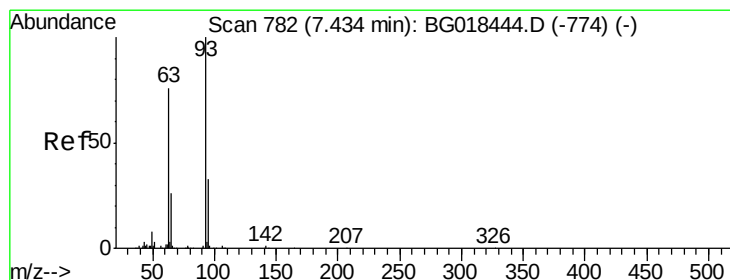
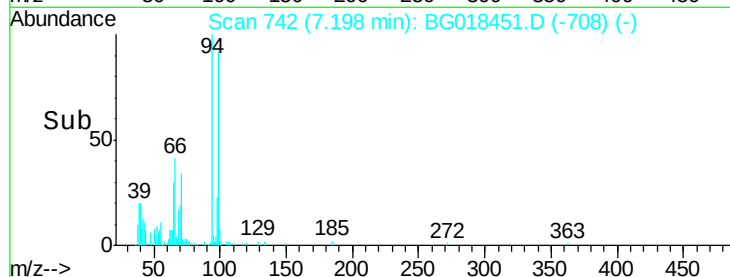
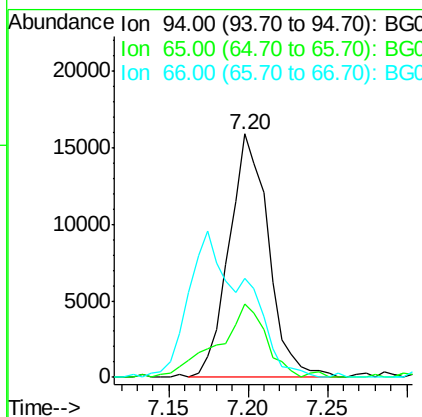
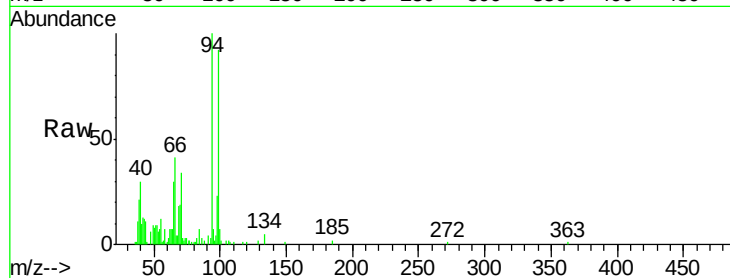
ClientSampleId :

MDL-06-S

Tgt Ion:	94	Resp:	27401
Ion	Ratio	Lower	Upper
94	100		
65	30.2	23.0	34.6
66	40.9	31.0	46.4

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#8

Bis(2-Chloroethyl)ether

Concen: 3.35 ng/ul

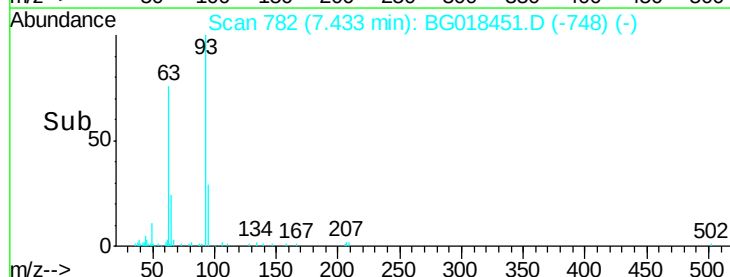
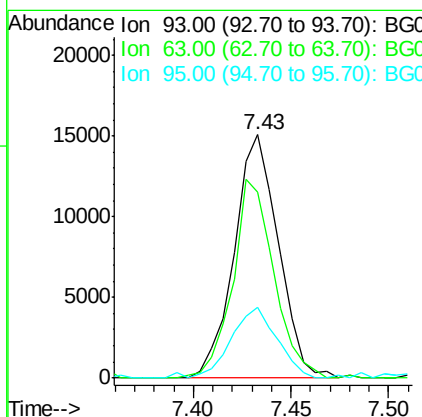
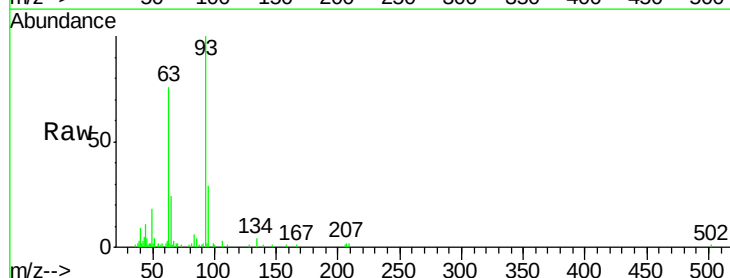
RT: 7.43 min Scan# 782

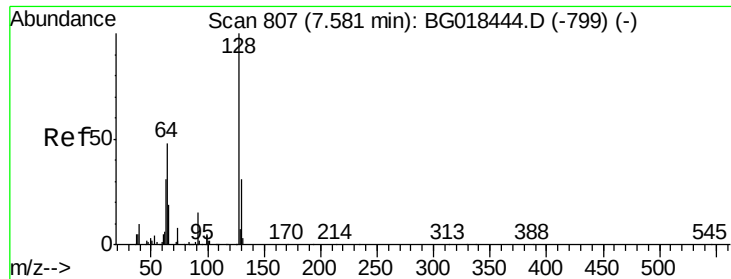
Delta R.T. -0.00 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

Tgt Ion:	93	Resp:	23580
Ion	Ratio	Lower	Upper
93	100		
63	76.4	61.4	92.2
95	29.0	25.9	38.9





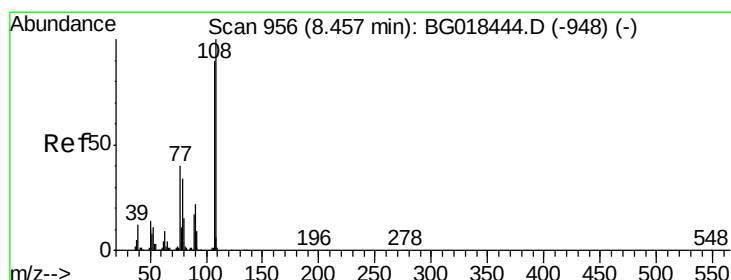
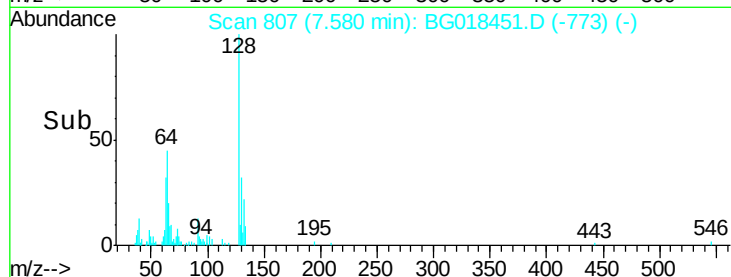
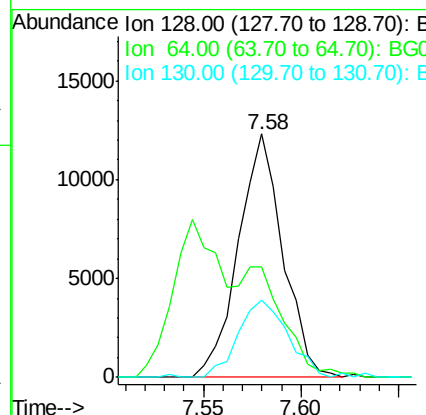
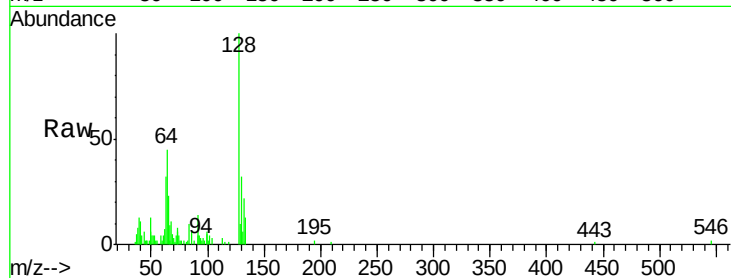
#10
 2-Chlorophenol
 Concen: 2.77 ng/ul
 RT: 7.58 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BG018451.D
 Acq: 17 Aug 2015 13:37

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	19426		
64	45.3	40.9	61.3	
130	31.6	24.5	36.7	

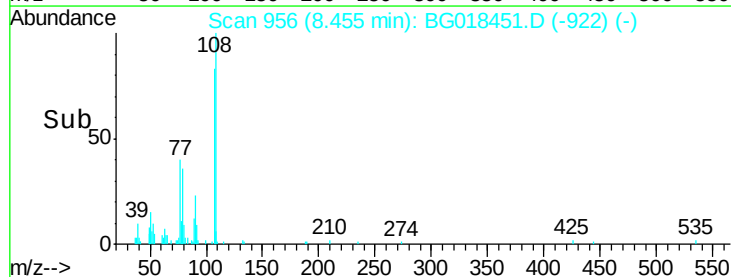
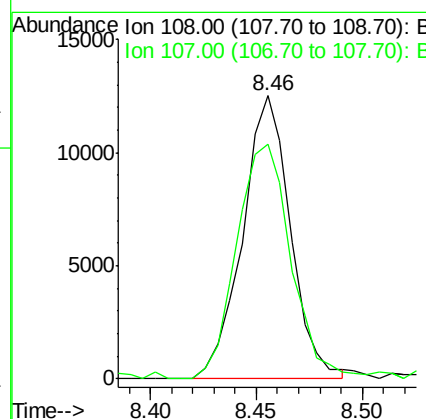
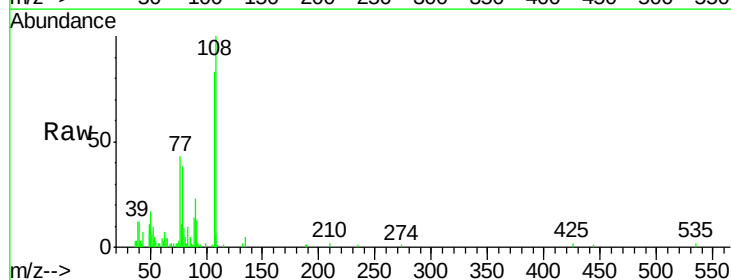
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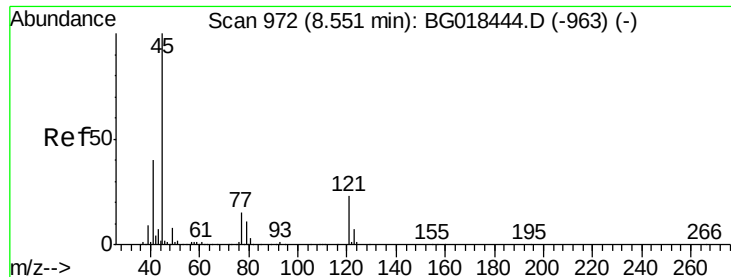
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#11
 2-Methylphenol
 Concen: 2.77 ng/ul
 RT: 8.46 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BG018451.D
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Tgt Ion	Ratio	Resp	Lower	Upper
108	100	19668		
107	82.9	72.1	108.1	





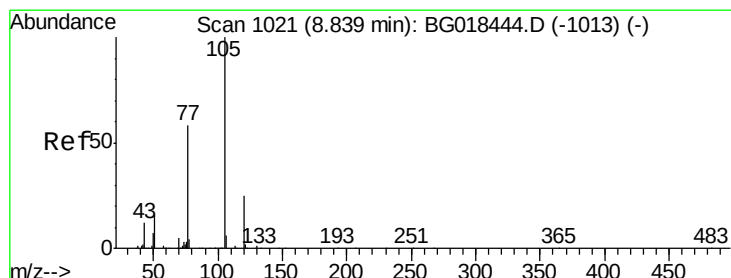
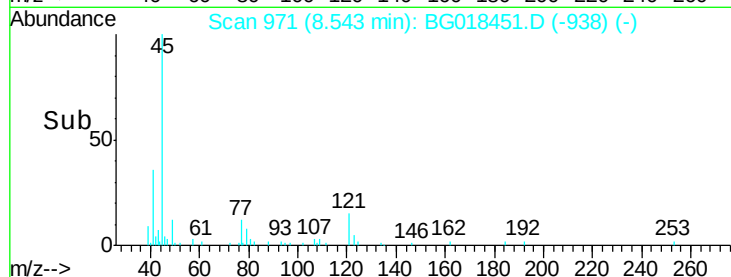
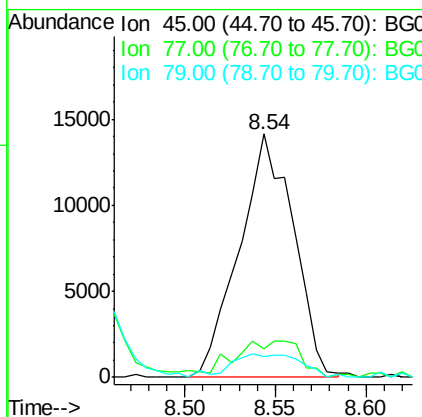
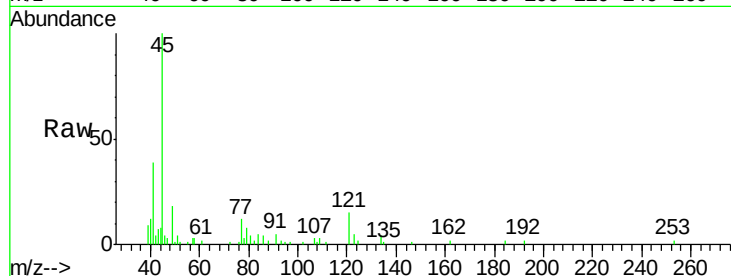
#12
 2,2'-oxybis(1-chloropropane)
 Concen: 2.60 ng/ul
 RT: 8.54 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BG018451.D
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.5	11.3	16.9
79	8.4	7.8	11.8

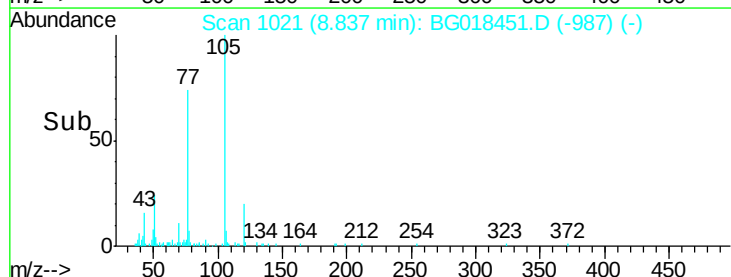
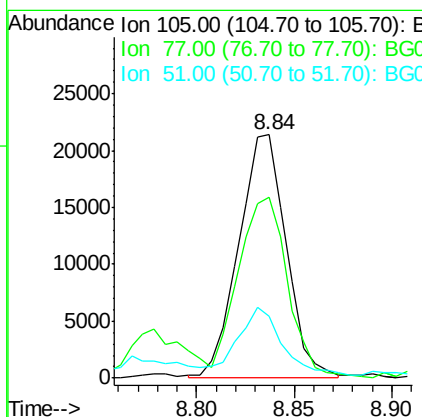
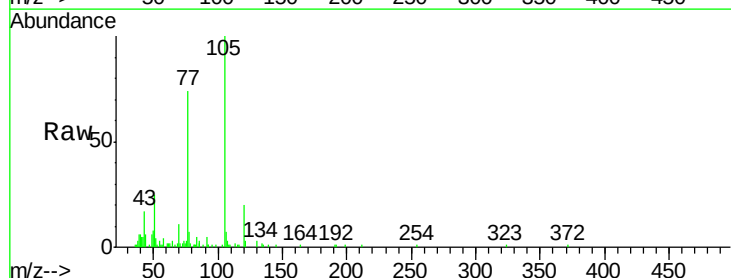
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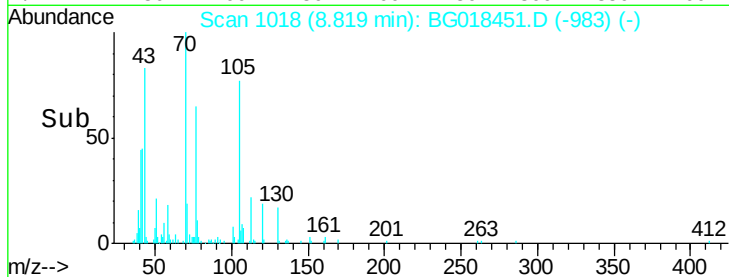
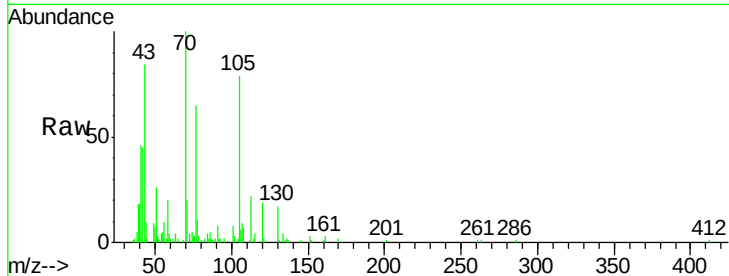
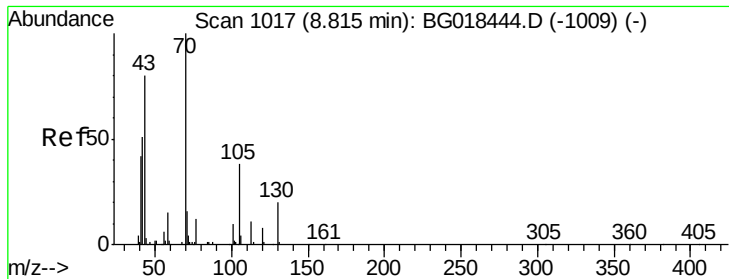
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#14
 Acetophenone
 Concen: 3.31 ng/ul
 RT: 8.84 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG018451.D
 Acq: 17 Aug 2015 13:37

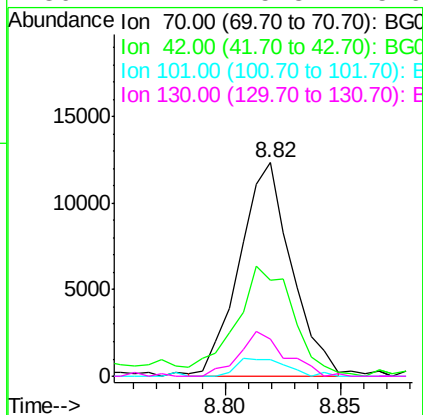
Tgt Ion	Ratio	Lower	Upper
105	100		
77	74.4	61.9	92.9
51	25.2	25.5	38.3#





#15
N-Nitroso-di-n-propylamine
Concen: 3.09 ng/ul
RT: 8.82 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

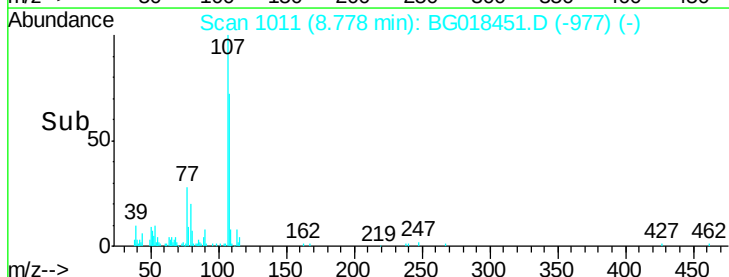
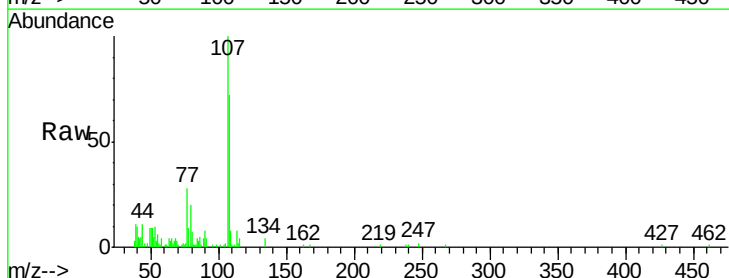
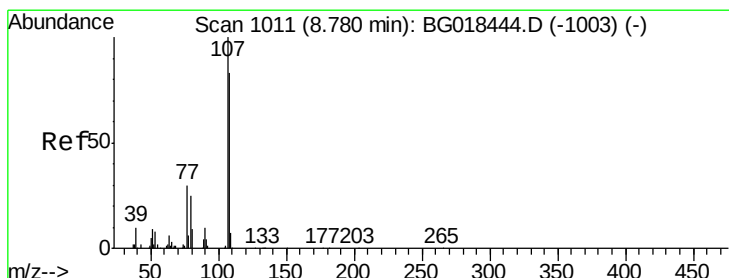
Tgt Ion	Ratio	Lower	Upper
70	100		
42	44.7	50.7	76.1#
101	7.9	7.4	11.2
130	17.4	15.8	23.6



Instrument :
BNA_G
ClientSampleId :
MDL-06-S

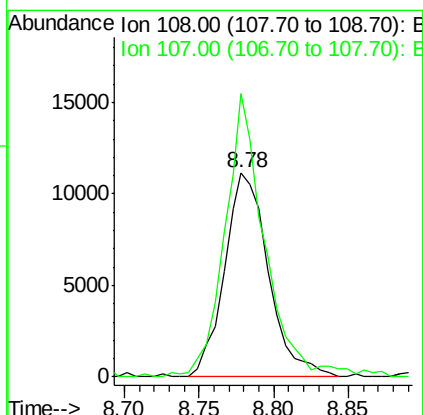
Manual Integrations
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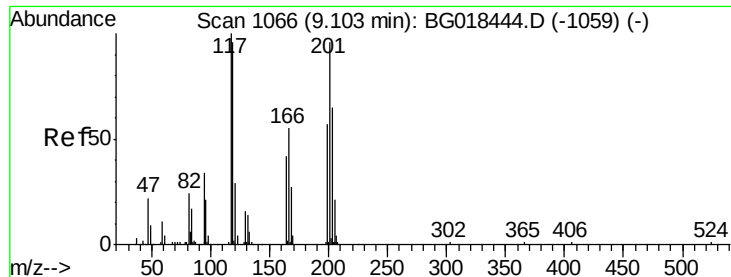
MMDadoda
8/18/2015 5:21:07 PM



#16
4-Methylphenol
Concen: 2.96 ng/ul
RT: 8.78 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Lower	Upper
108	100		
107	138.5	94.6	142.0





#17

Hexachloroethane

Concen: 2.93 ng/ul

RT: 9.10 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

Instrument :

BNA_G

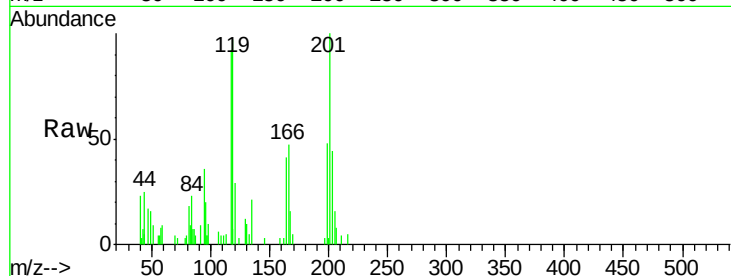
ClientSampleId :

MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	8837		
201	108.4		73.6	110.4
199	55.0		48.6	72.8

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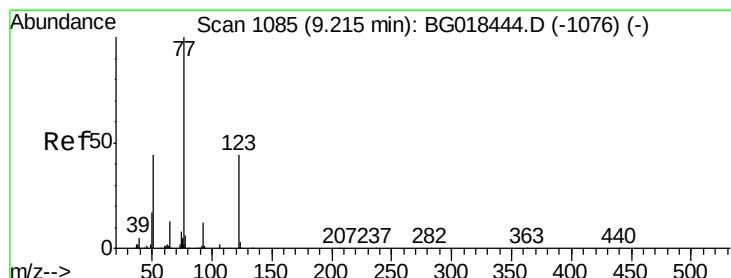
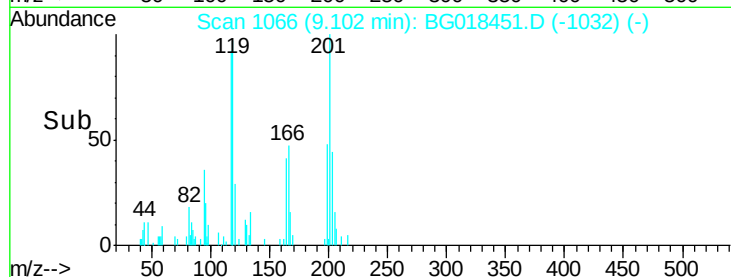
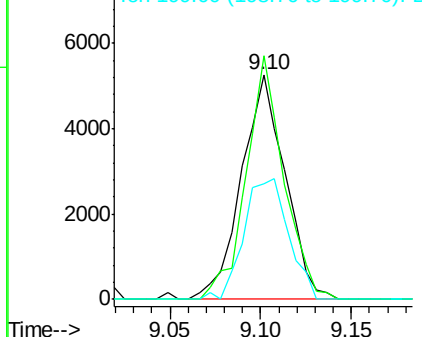
MMDadoda
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Abundance Ion 117.00 (116.70 to 117.70): B

Ion 201.00 (200.70 to 201.70): B

Ion 199.00 (198.70 to 199.70): B



#20

Nitrobenzene

Concen: 2.78 ng/ul

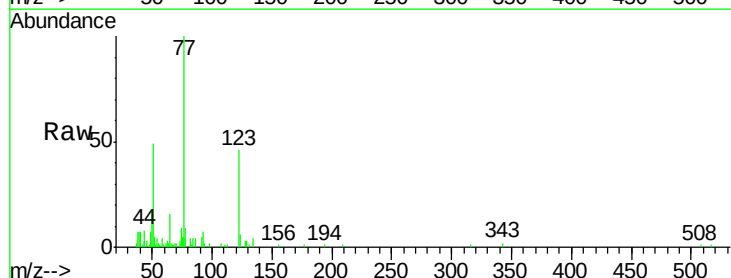
RT: 9.21 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

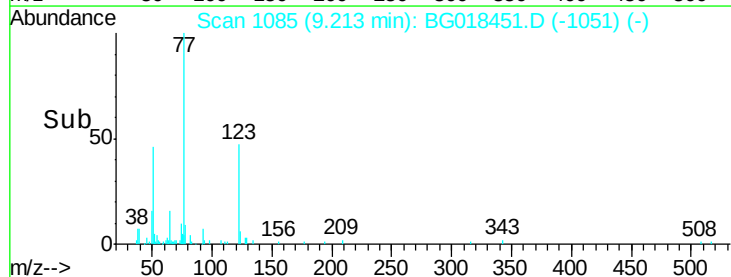
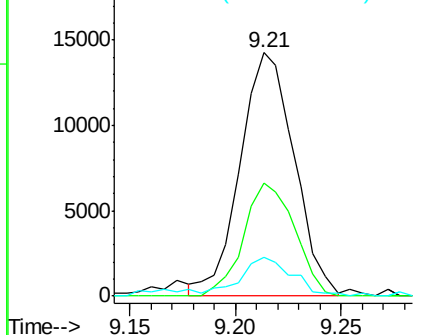
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	25368		
123	46.4		32.8	49.2
65	15.9		12.2	18.2

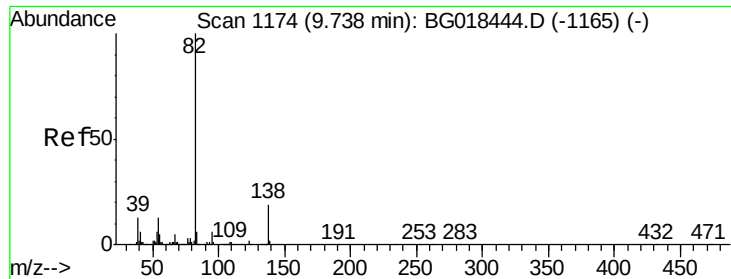


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BGC





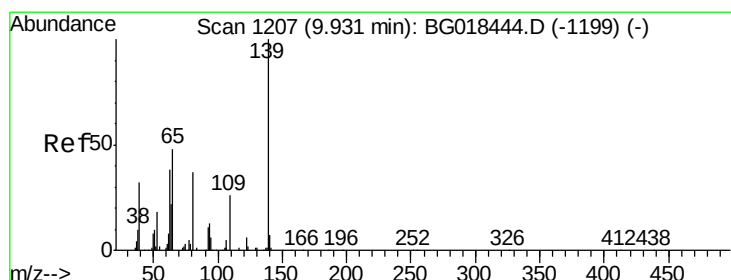
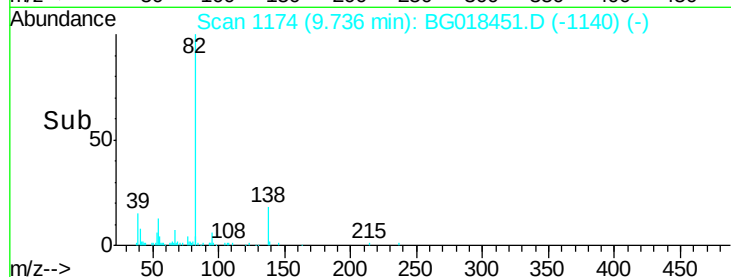
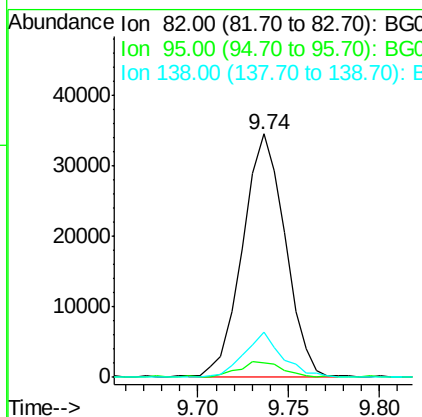
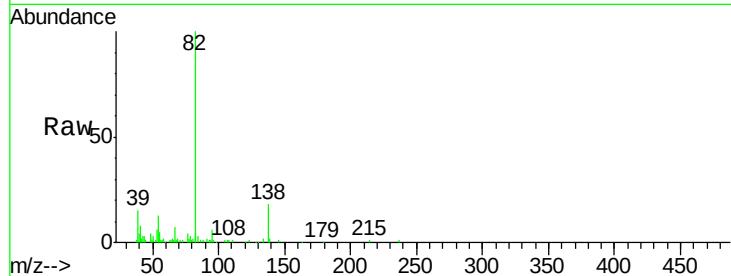
#21
Isophorone
Concen: 3.24 ng/ul
RT: 9.74 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	5.8	5.2	7.8
138	18.5	13.8	20.8

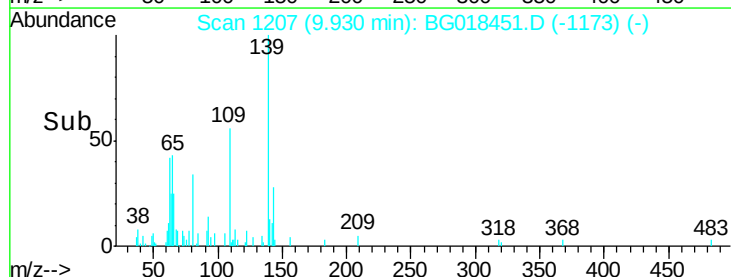
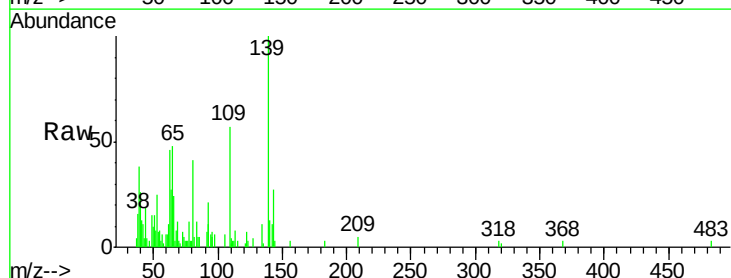
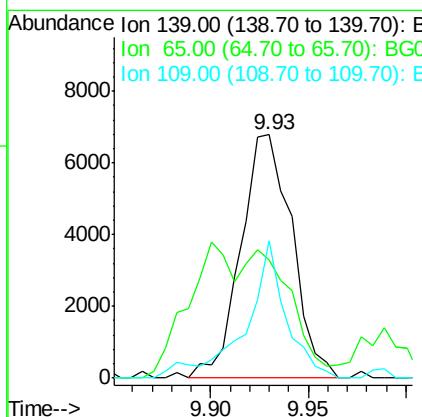
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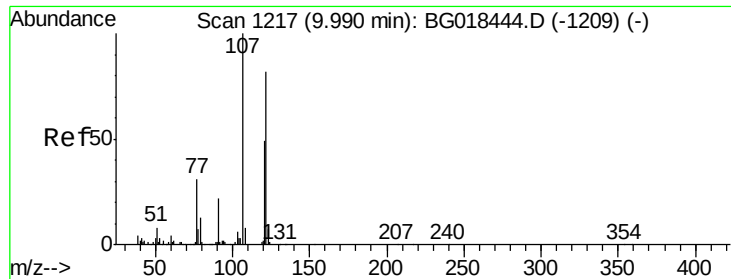
MMDadoda
8/18/2015 5:21:07 PM



#23
2-Nitrophenol
Concen: 3.01 ng/ul
RT: 9.93 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
65	48.4	45.6	68.4
109	56.5	25.4	38.2





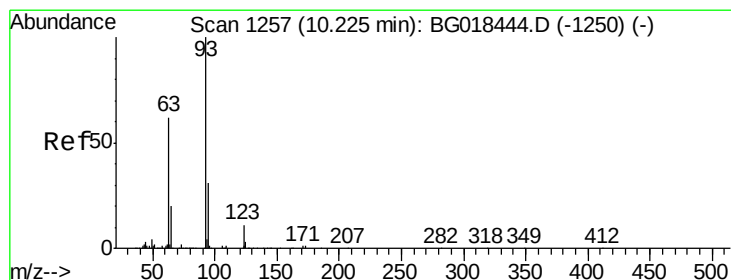
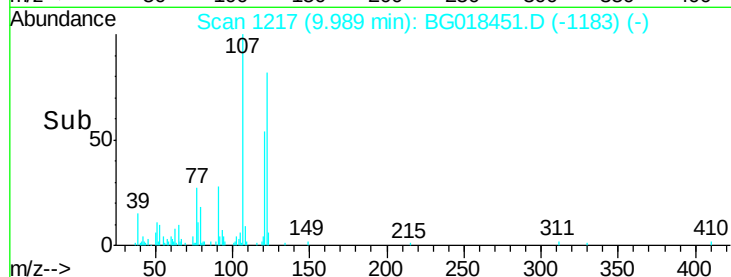
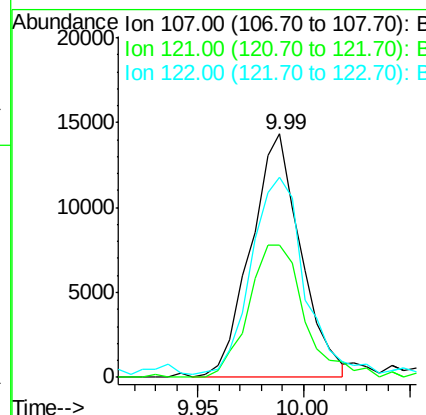
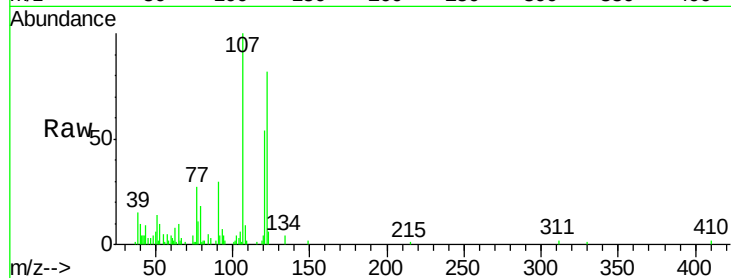
#24
2,4-Dimethylphenol
Concen: 2.57 ng/ul
RT: 9.99 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	23544		
121	54.2	41.3	61.9	
122	82.1	71.9	107.9	

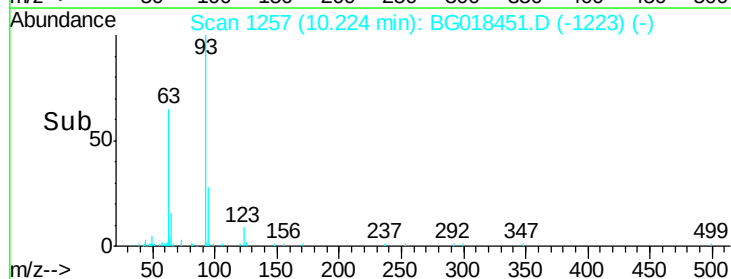
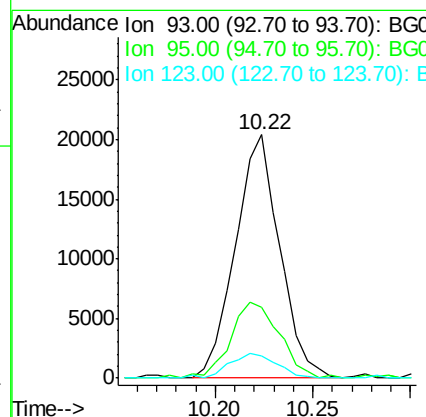
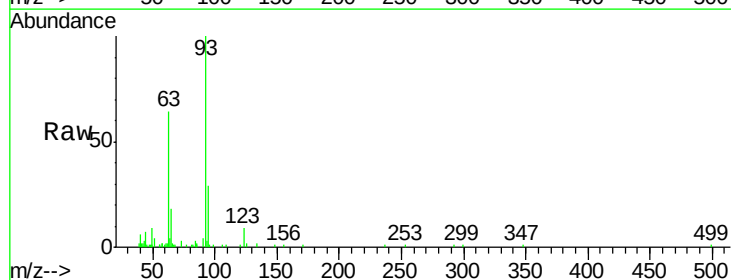
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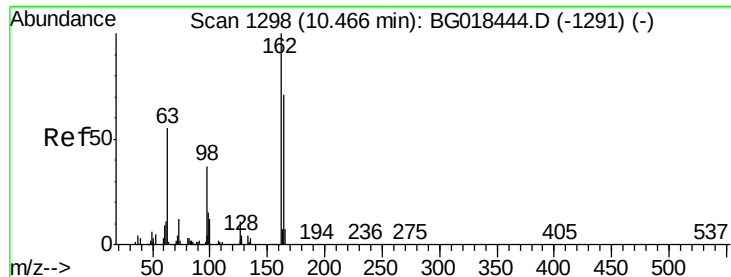
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#25
Bis(2-Chloroethoxy)methane
Concen: 2.94 ng/ul
RT: 10.22 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	32138		
95	29.0	24.1	36.1	
123	9.3	8.9	13.3	





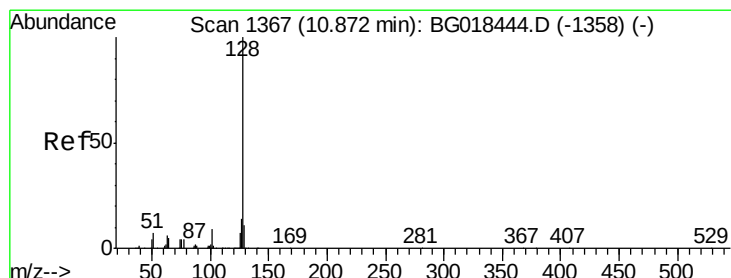
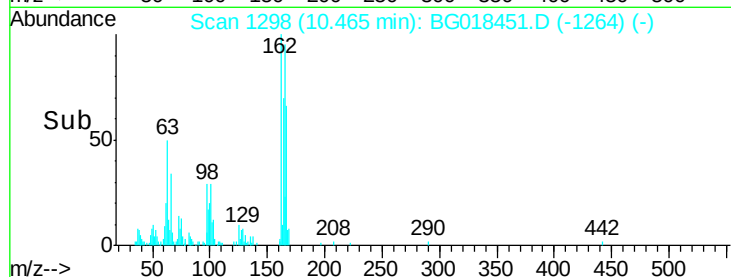
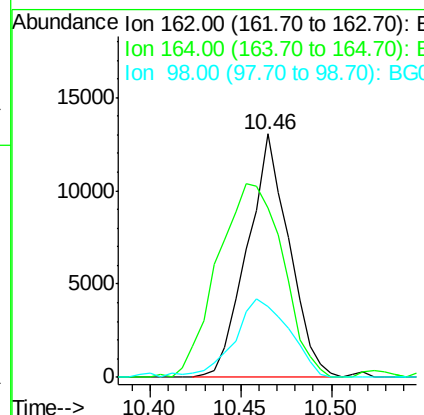
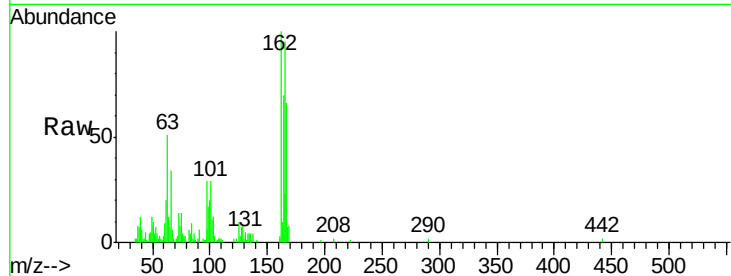
#27
 2,4-Dichlorophenol
 Concen: 2.86 ng/ul
 RT: 10.46 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG018451.D
 Acq: 17 Aug 2015 13:37

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	20940		
164	69.8	51.7	77.5	
98	29.0	30.4	45.6	

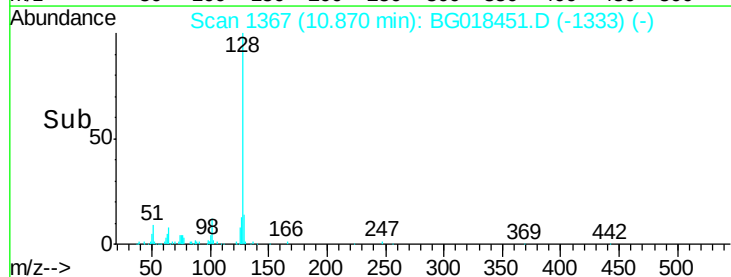
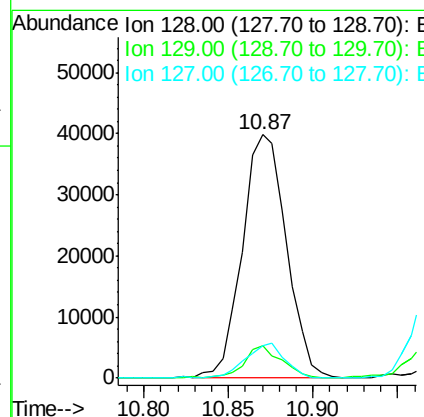
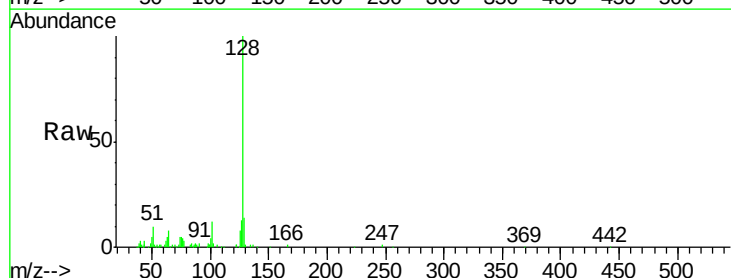
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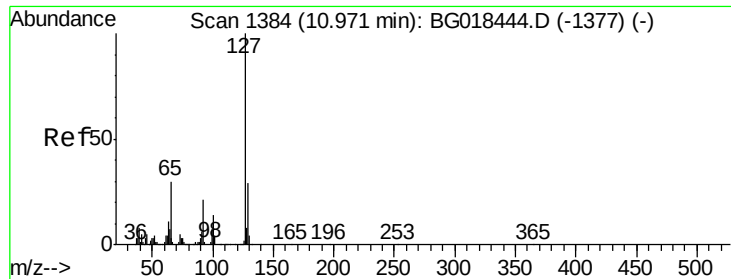
MMDadoda
 8/18/2015 5:21:07 PM



#28
 Naphthalene
 Concen: 2.95 ng/ul
 RT: 10.87 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: BG018451.D
 Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	72234		
129	13.5	9.6	14.4	
127	13.2	10.5	15.7	





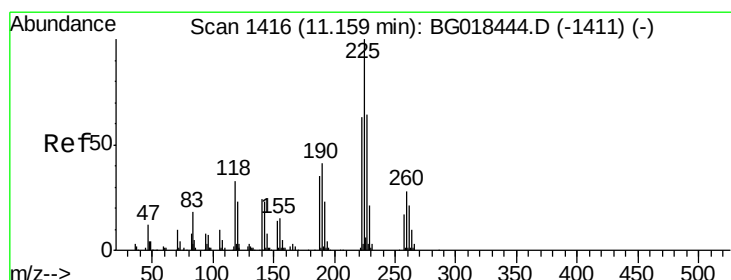
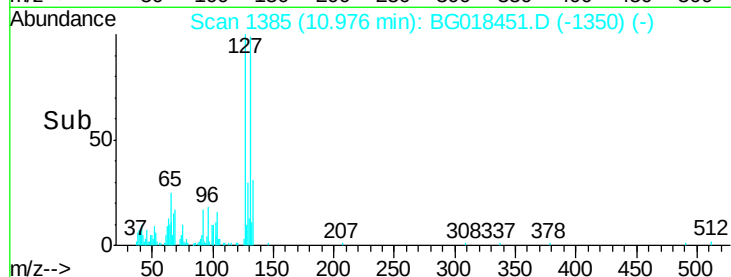
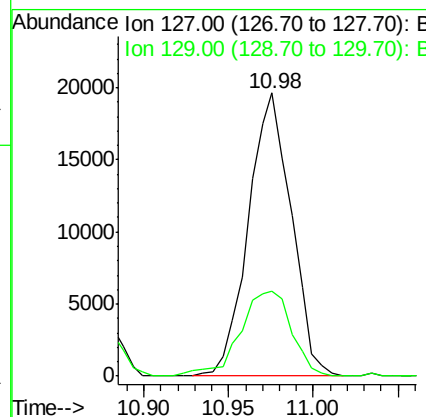
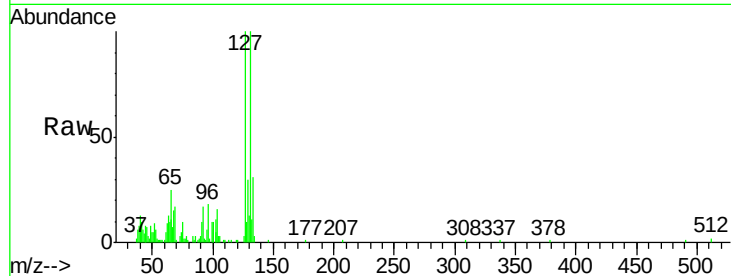
#30
4-Chloroaniline
Concen: 3.87 ng/ul
RT: 10.98 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion:127 Resp: 34725
Ion Ratio Lower Upper
127 100
129 30.0 26.7 40.1

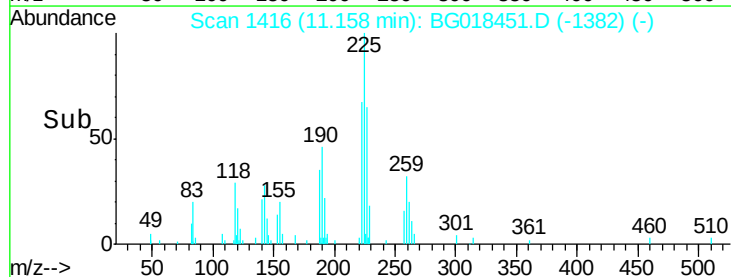
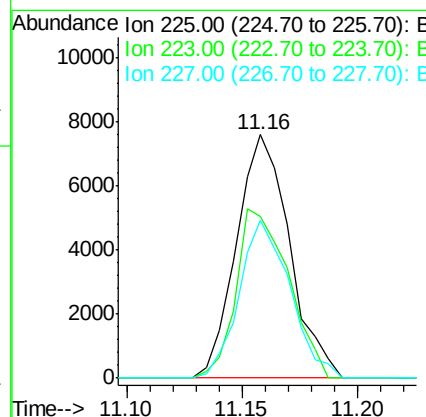
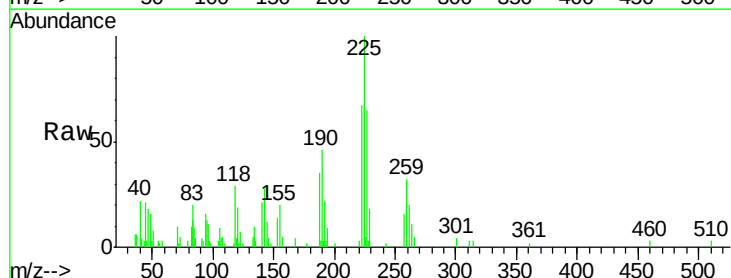
Manual Integrations
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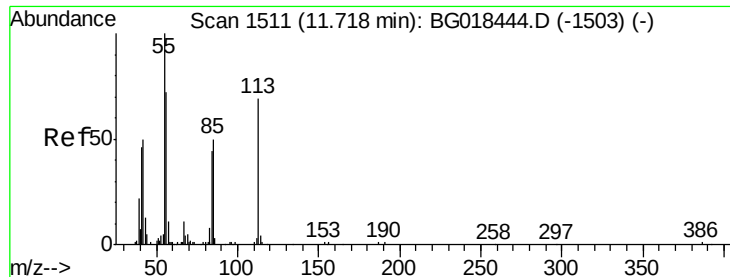
MMDadoda
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#31
Hexachlorobutadiene
Concen: 2.63 ng/ul
RT: 11.16 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Tgt Ion:225 Resp: 12134
Ion Ratio Lower Upper
225 100
223 63.3 45.8 68.8
227 64.3 54.0 81.0





#32

Caprolactam

Concen: 3.26 ng/ul m

RT: 11.75 min Scan# 1516

Delta R.T. 0.03 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

Instrument :

BNA_G

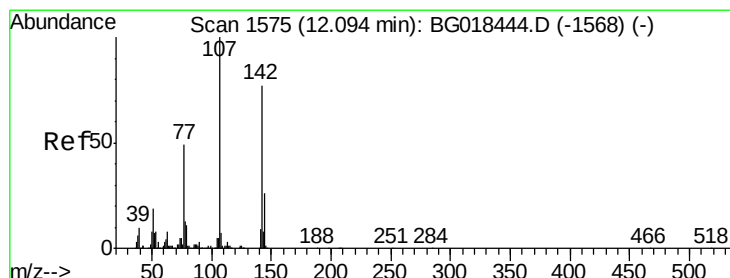
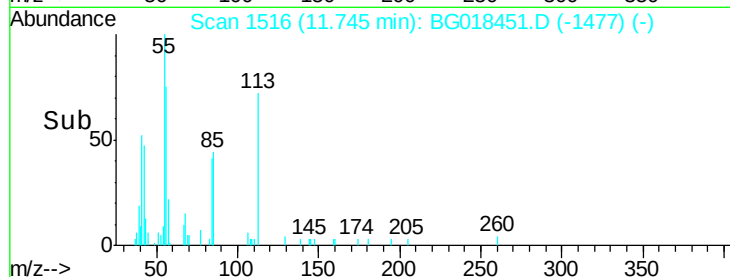
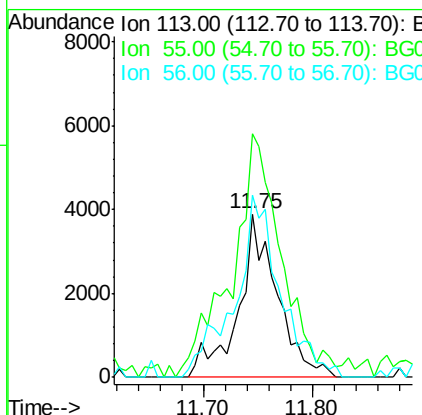
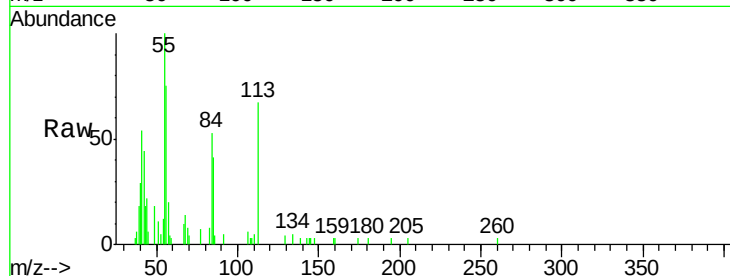
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
113	100		
55	149.0	124.2	186.4
56	111.2	98.2	147.4



#33

4-Chloro-3-methylphenol

Concen: 2.88 ng/ul

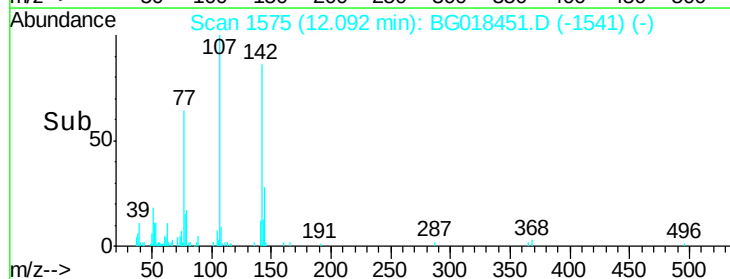
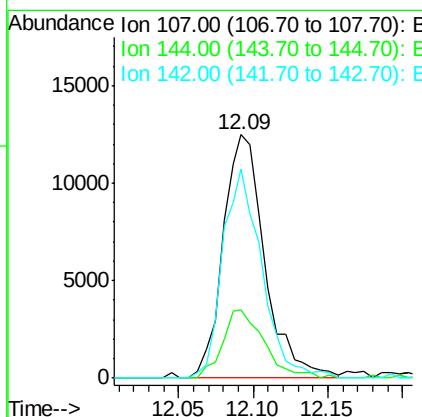
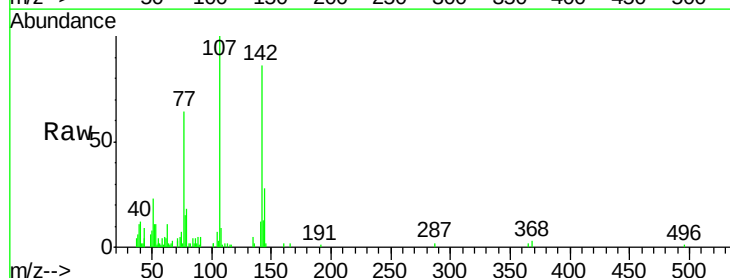
RT: 12.09 min Scan# 1575

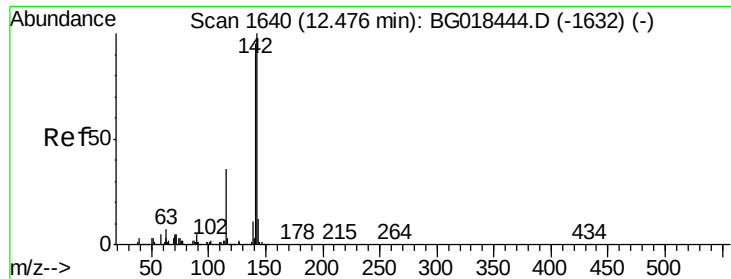
Delta R.T. -0.00 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.2	21.4	32.2
142	85.8	66.0	99.0





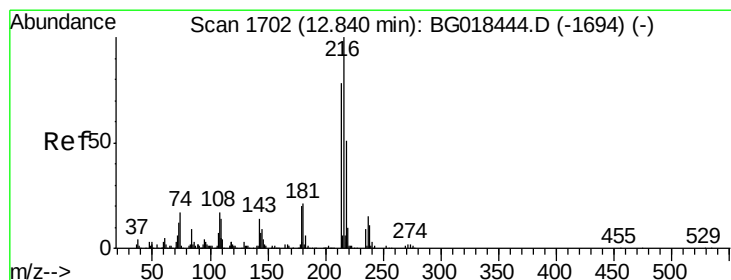
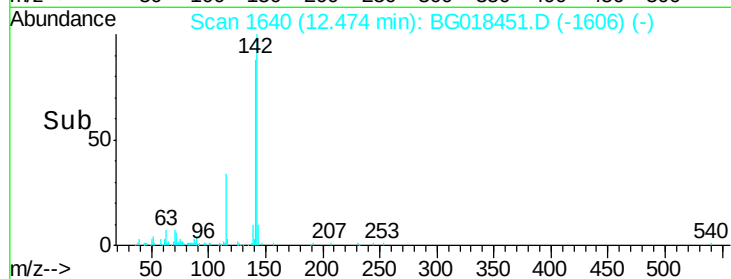
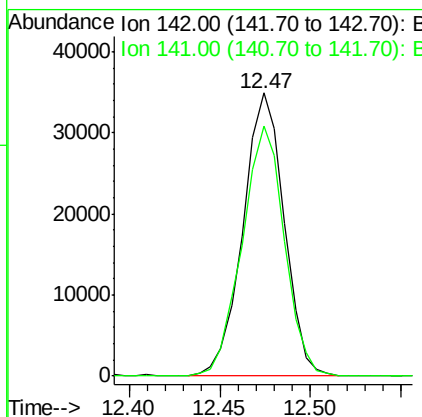
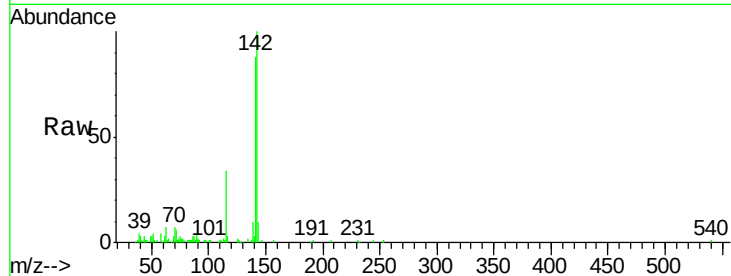
#34
 2-Methylnaphthalene
 Concen: 3.11 ng/ul
 RT: 12.47 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BG018451.D
 Acq: 17 Aug 2015 13:37

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	78.0	117.0

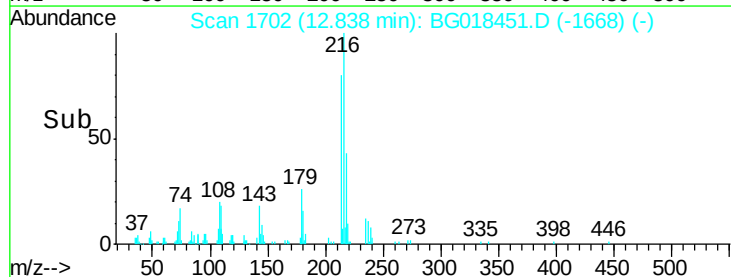
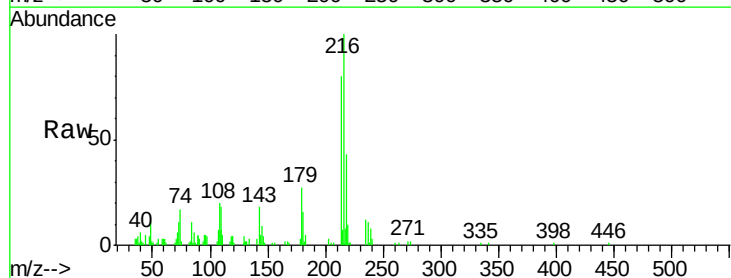
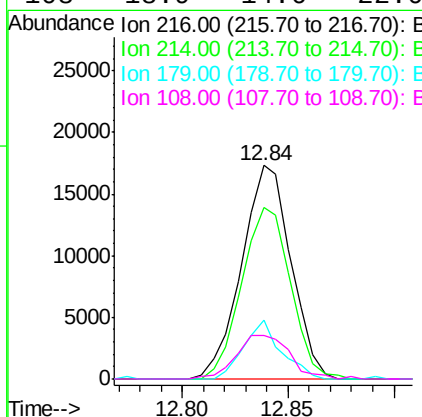
Manual Integrations
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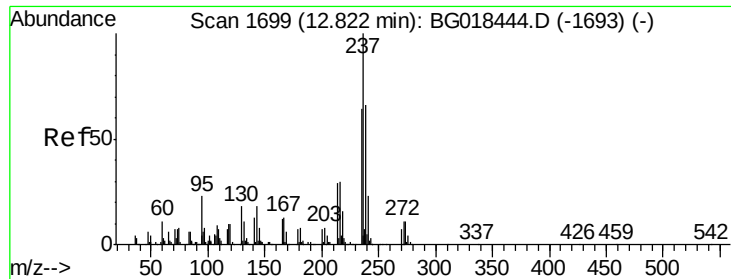
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#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.87 ng/ul
 RT: 12.84 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG018451.D
 Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	74.4	62.5	93.7
179	25.4	18.2	27.2
108	18.9	14.6	22.0





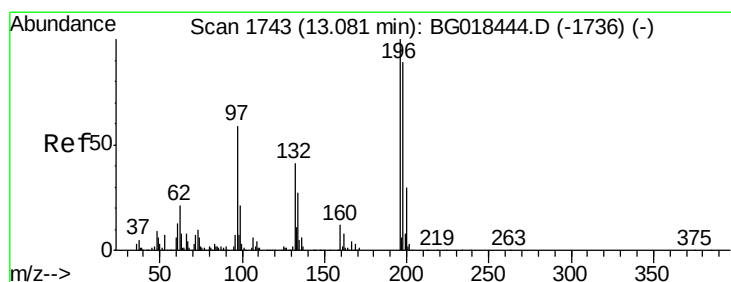
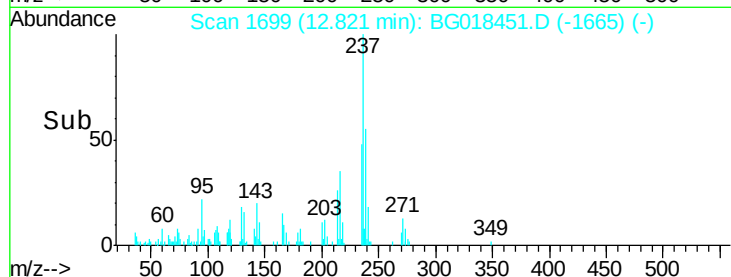
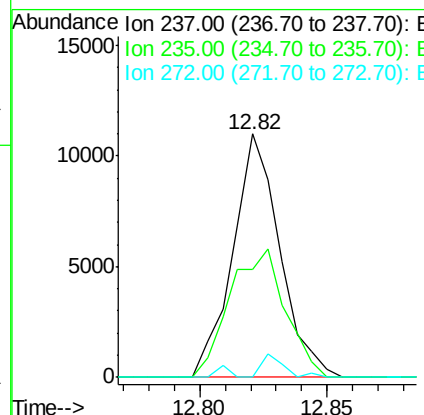
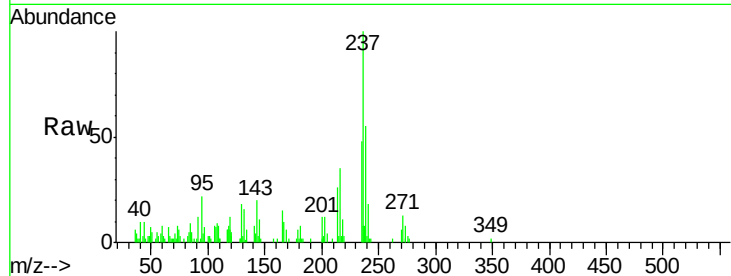
#38
Hexachlorocyclopentadiene
Concen: 2.44 ng/ul
RT: 12.82 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	14193		
235	44.5	45.6	68.4#	
272	0.0	9.0	13.4#	

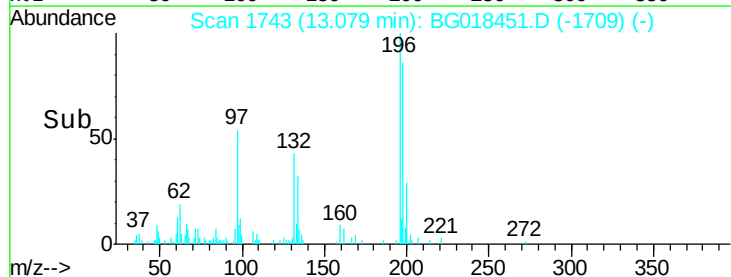
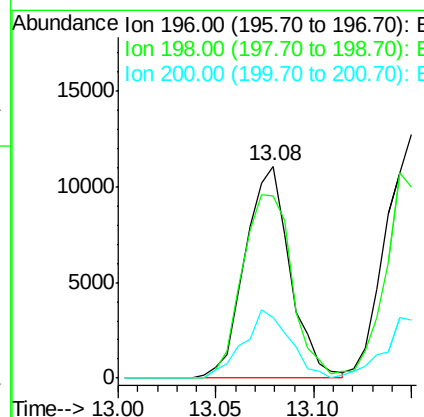
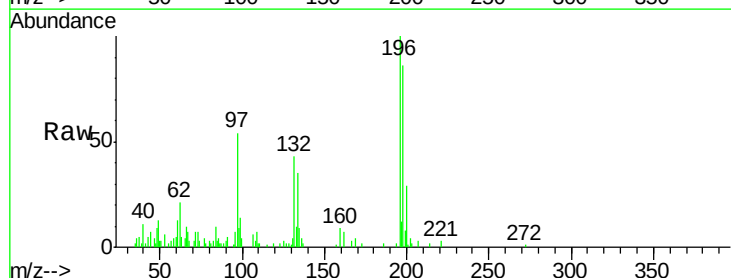
Manual Integrations
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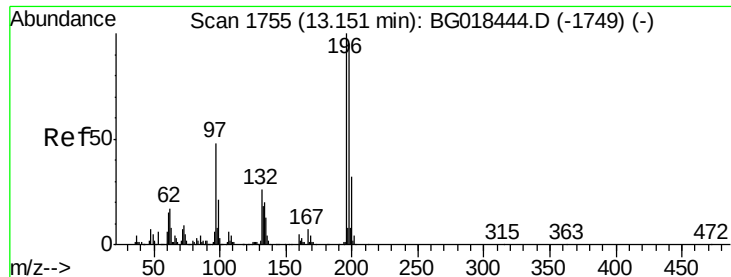
MMDadoda
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#39
2,4,6-Trichlorophenol
Concen: 2.68 ng/ul
RT: 13.08 min Scan# 1743
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	17782		
198	86.1	78.5	117.7	
200	28.6	25.1	37.7	





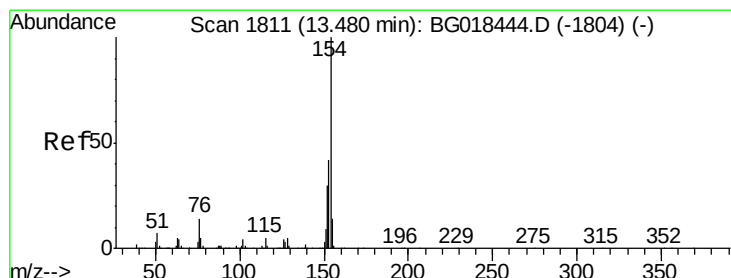
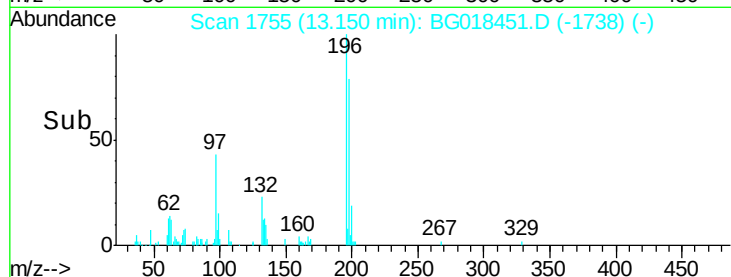
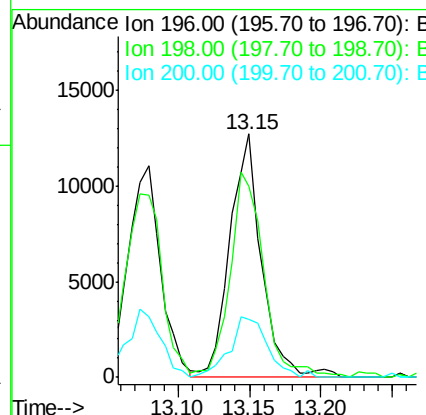
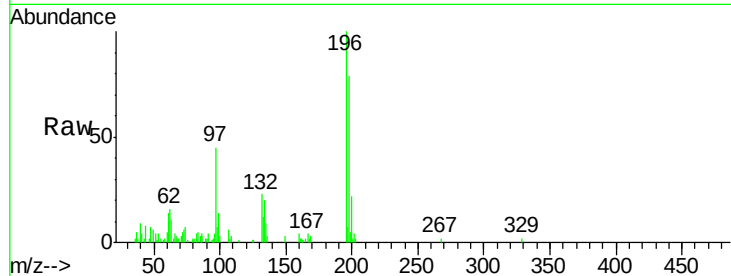
#40
 2,4,5-Trichlorophenol
 Concen: 2.78 ng/ul m
 RT: 13.15 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BG018451.D
 Acq: 17 Aug 2015 13:37

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	19831		
198	78.6	74.2	111.4	
200	21.5	25.2	37.8	

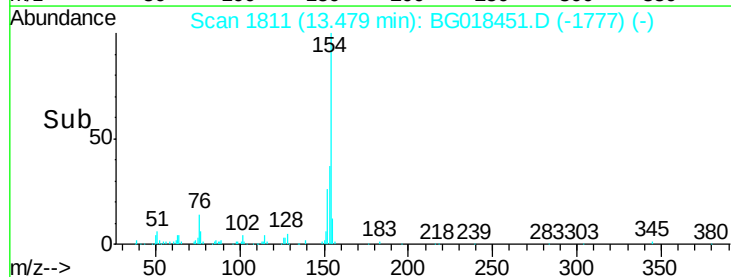
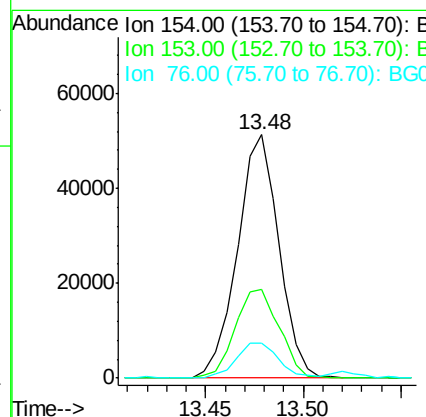
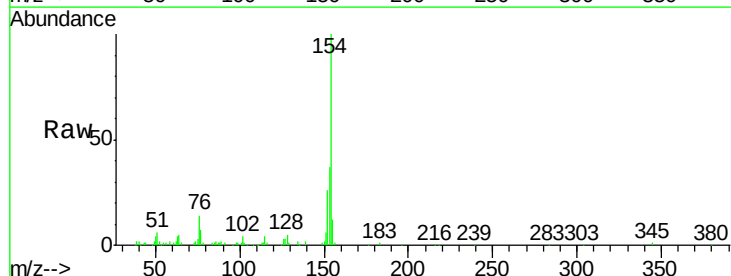
Manual Integrations
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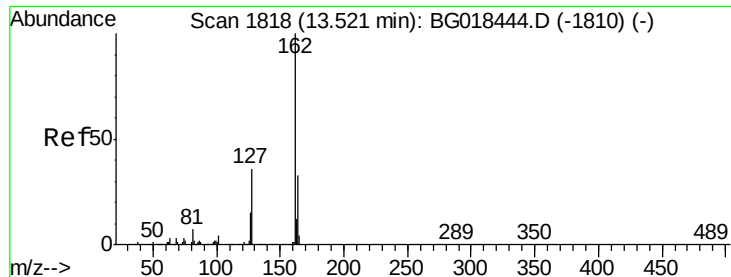
MMDadoda
 8/18/2015 5:21:07 PM



#41
 1,1'-Biphenyl
 Concen: 2.96 ng/ul
 RT: 13.48 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG018451.D
 Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	75194		
153	36.7	35.2	52.8	
76	14.4	10.6	16.0	





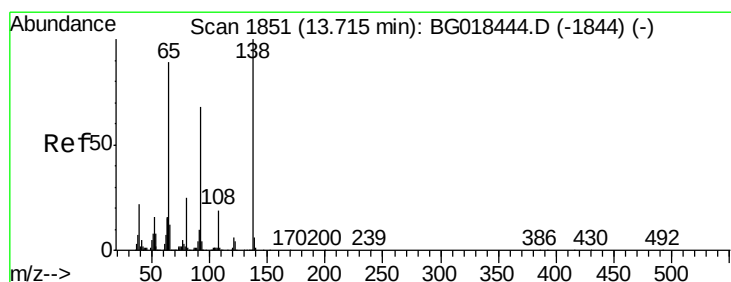
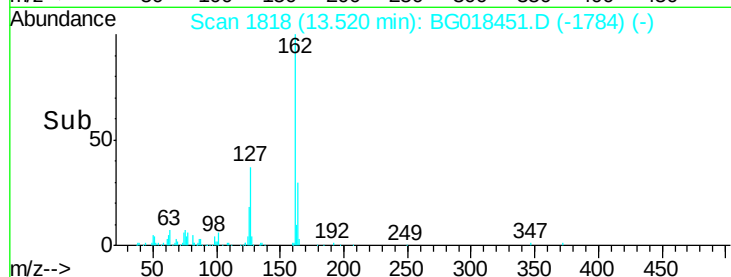
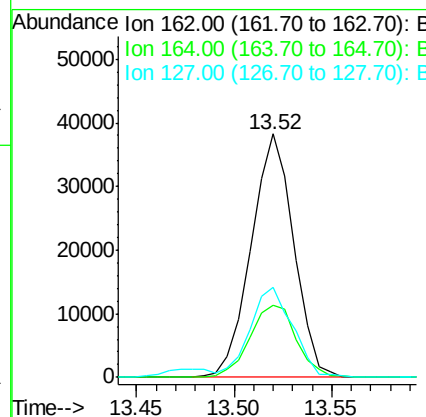
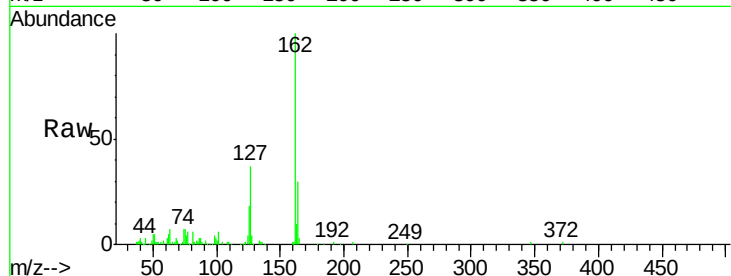
#42
 2-Chloronaphthalene
 Concen: 2.92 ng/ul
 RT: 13.52 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG018451.D
 Acq: 17 Aug 2015 13:37

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Lower	Upper
162	100		
164	29.5	24.8	37.2
127	36.9	30.3	45.5

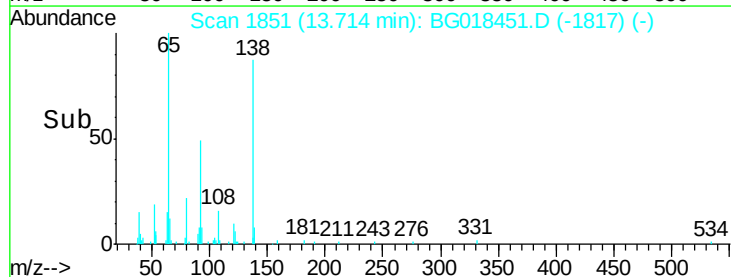
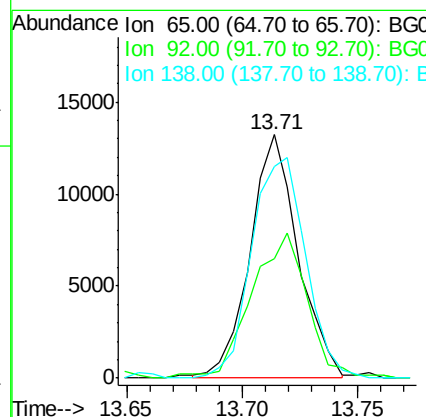
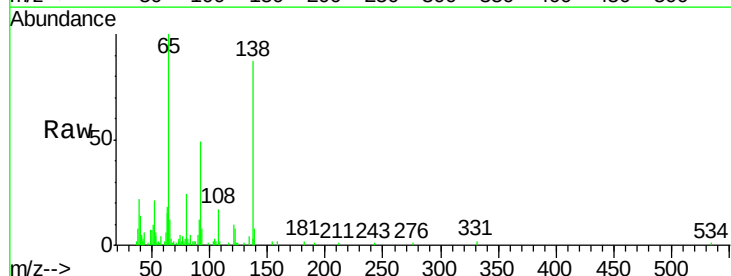
Manual Integrations
 APPROVED

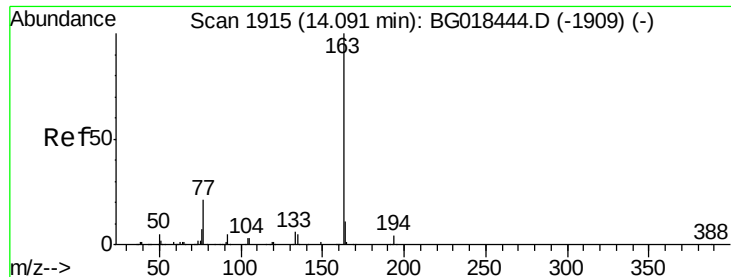
MMDadoda
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#43
 2-Nitroaniline
 Concen: 3.02 ng/ul
 RT: 13.71 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG018451.D
 Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	49.3	51.1	76.7#
138	87.1	75.1	112.7





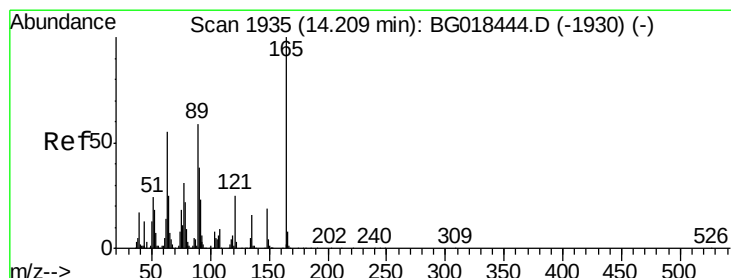
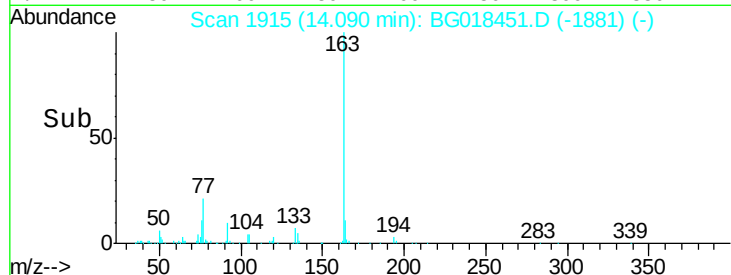
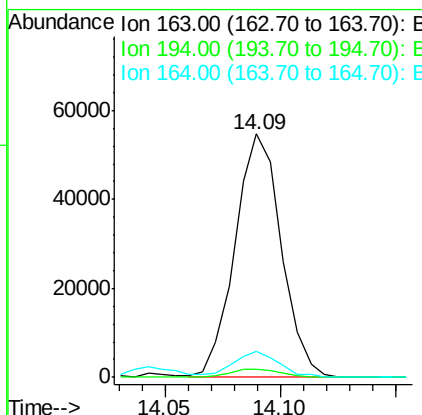
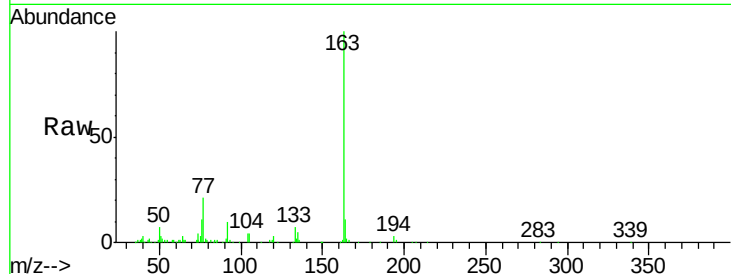
#45
Dimethylphthalate
Concen: 3.03 ng/ul
RT: 14.09 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	76546		
194	3.1		2.9	4.3
164	10.7		7.7	11.5

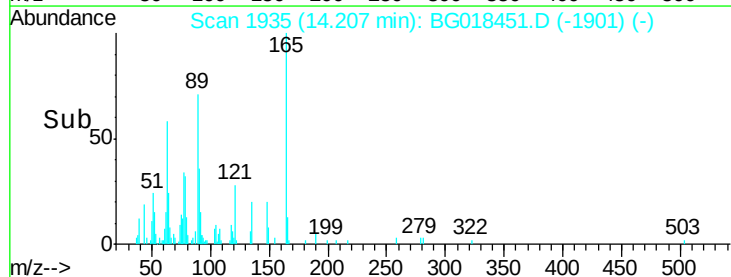
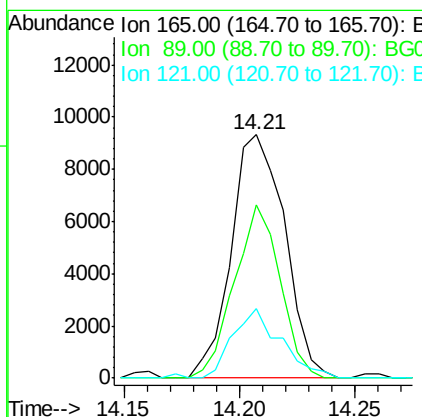
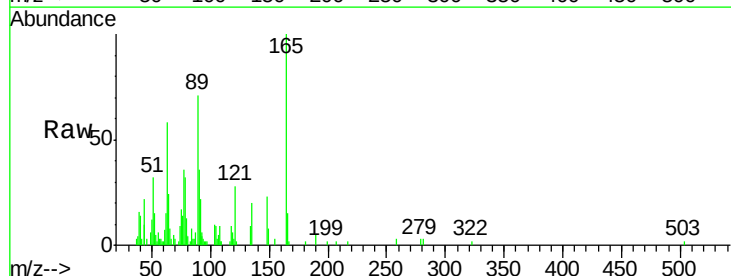
Manual Integrations
APPROVED

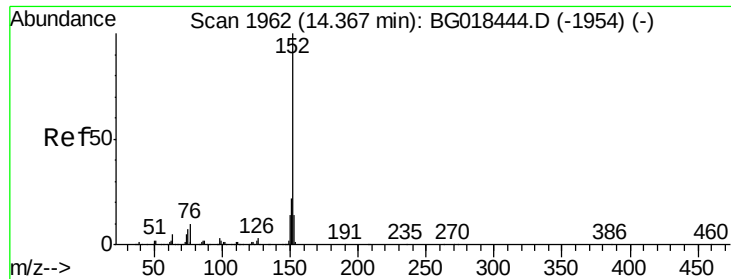
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#46
2,6-Dinitrotoluene
Concen: 2.99 ng/ul
RT: 14.21 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	15035		
89	70.9		50.2	75.2
121	28.4		19.4	29.2





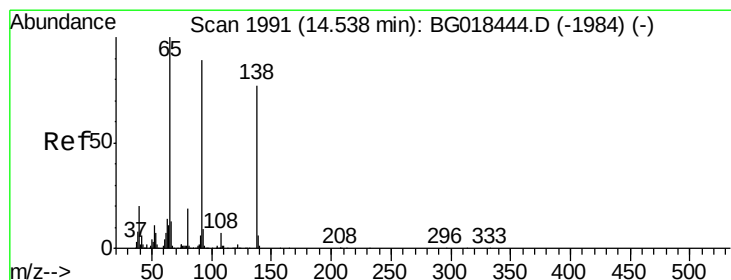
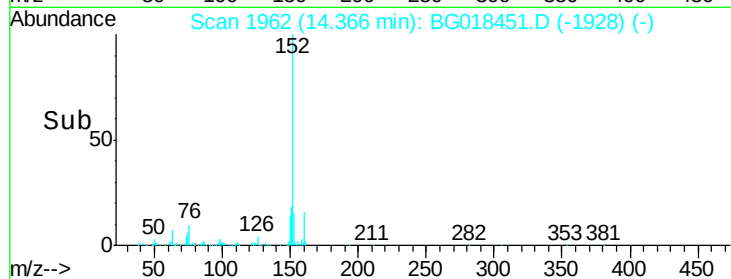
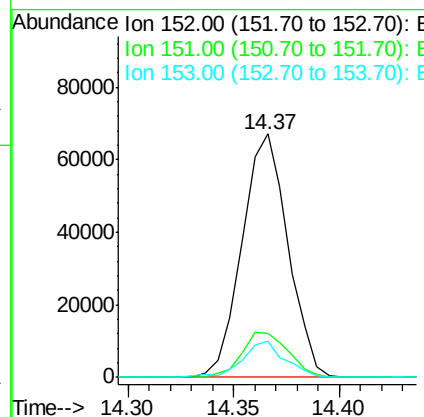
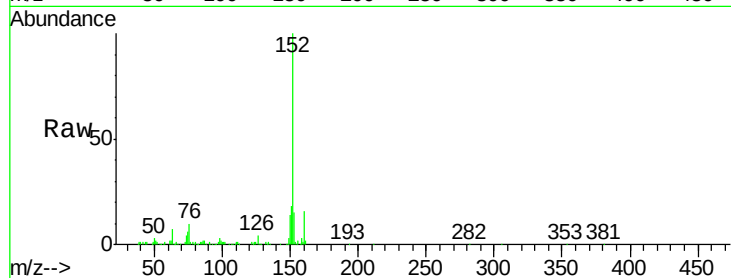
#48
Acenaphthylene
Concen: 3.13 ng/ul
RT: 14.37 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	101054		
151	17.8		15.4	23.2
153	14.7		10.8	16.2

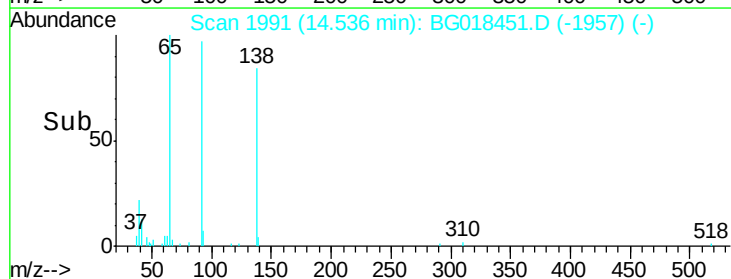
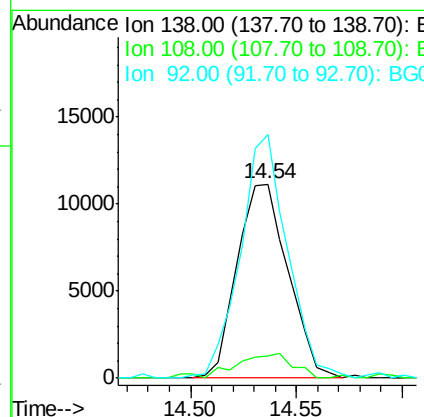
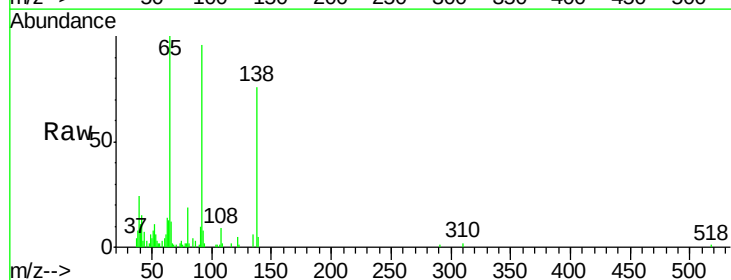
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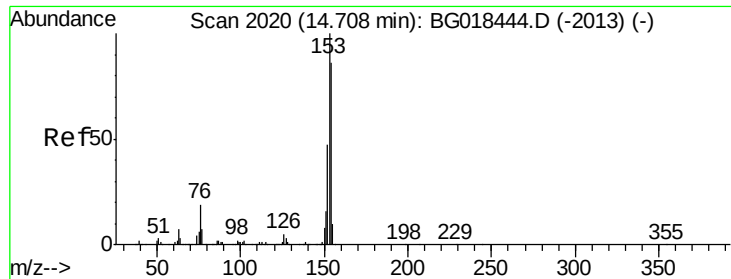
MMDadoda
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#49
3-Nitroaniline
Concen: 3.63 ng/ul
RT: 14.54 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	18624		
108	11.3		9.4	14.0
92	125.4		102.8	154.2





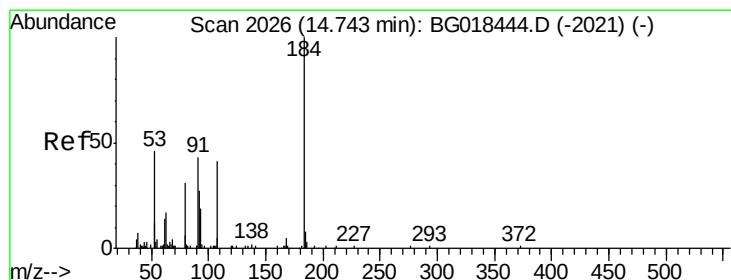
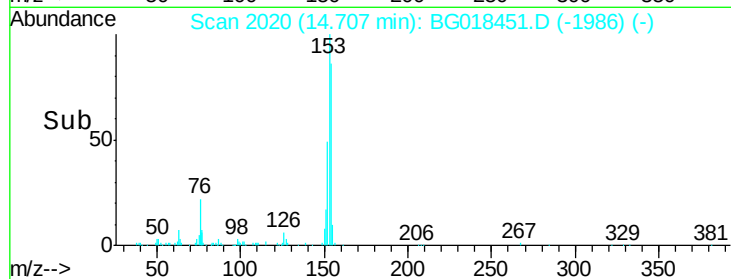
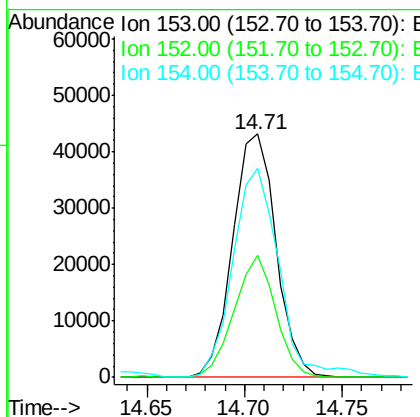
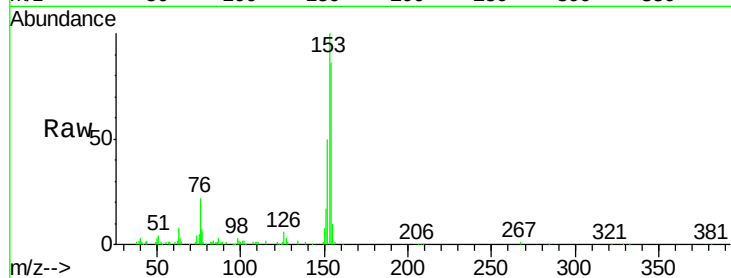
#50
Acenaphthene
Concen: 2.93 ng/ul
RT: 14.71 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	66334		
152	49.9	38.2	57.4	
154	85.6	68.6	103.0	

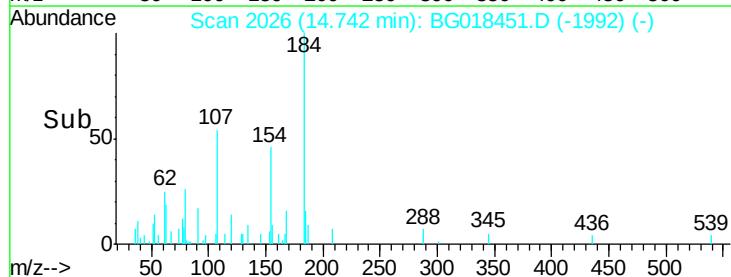
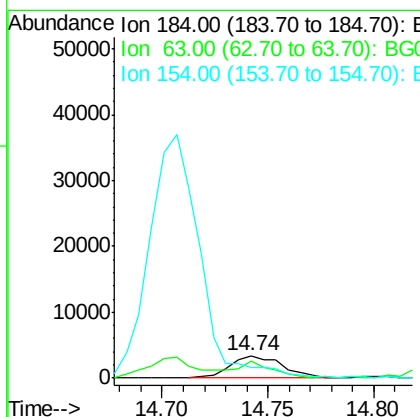
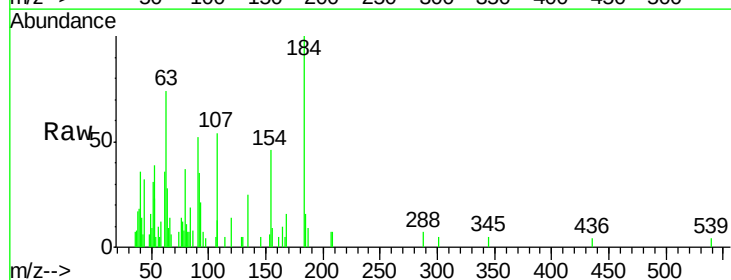
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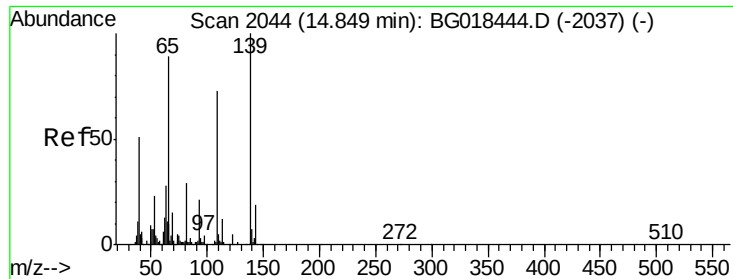
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#51
2,4-Dinitrophenol
Concen: 2.38 ng/ul
RT: 14.74 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	5824		
63	74.4	55.3	82.9	
154	45.7	58.2	87.2#	





#53

4-Nitrophenol

Concen: 3.15 ng/ul

RT: 14.84 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG018451.D

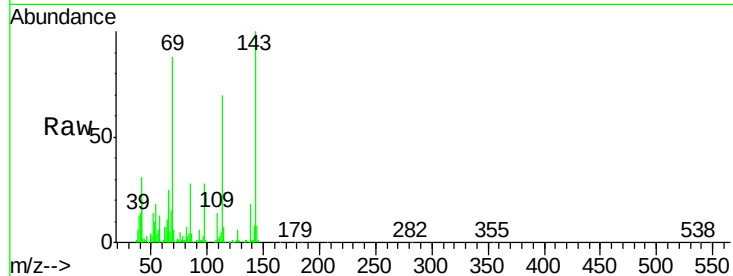
Acq: 17 Aug 2015 13:37

Instrument :

BNA_G

ClientSampleId :

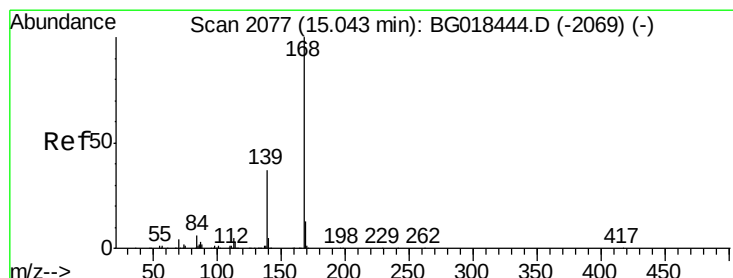
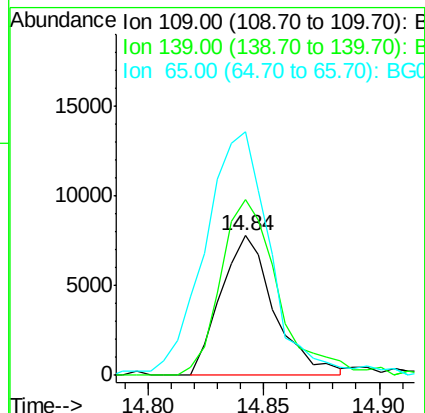
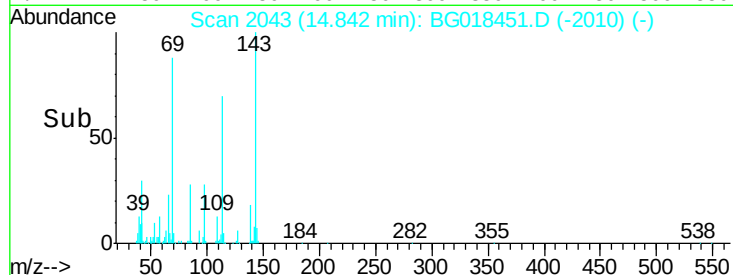
MDL-06-S



Tgt Ion:	109	Resp:	12593
Ion Ratio	Lower	Upper	
109	100		
139	125.3	111.3	166.9
65	174.1	105.3	157.9#

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#54

Dibenzofuran

Concen: 3.14 ng/ul

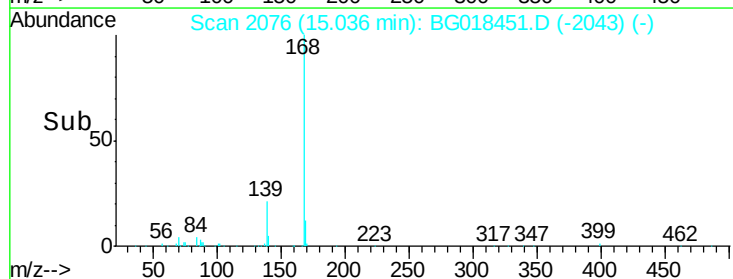
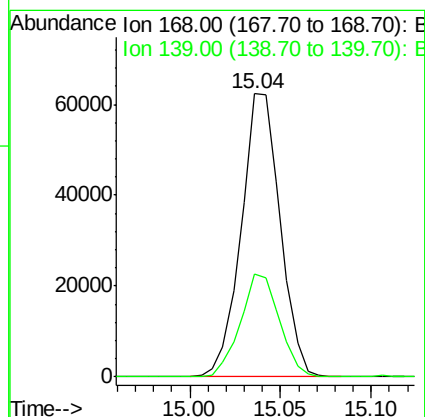
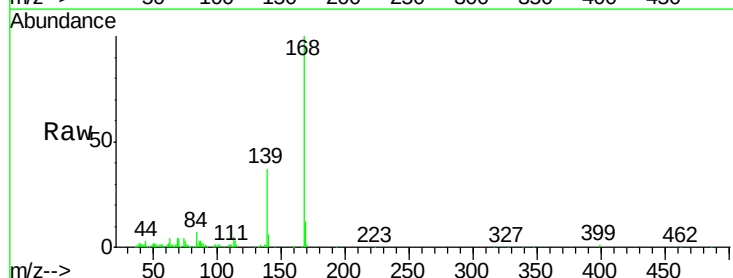
RT: 15.04 min Scan# 2076

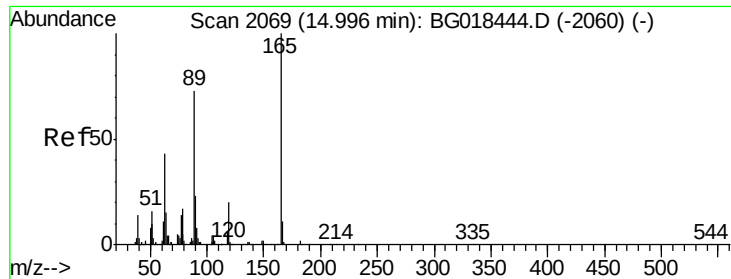
Delta R.T. -0.01 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

Tgt Ion:	168	Resp:	93079
Ion Ratio	Lower	Upper	
168	100		
139	36.6	29.7	44.5





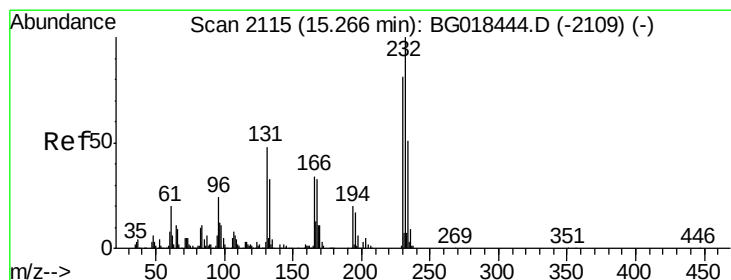
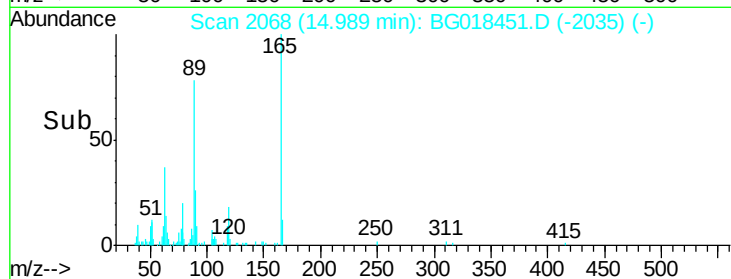
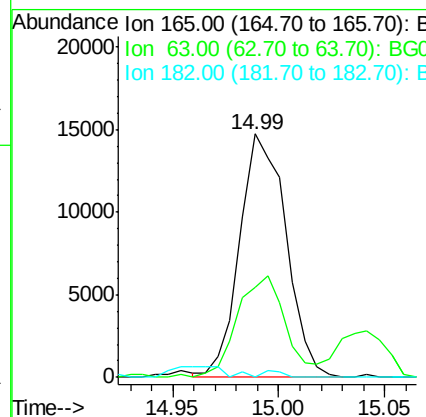
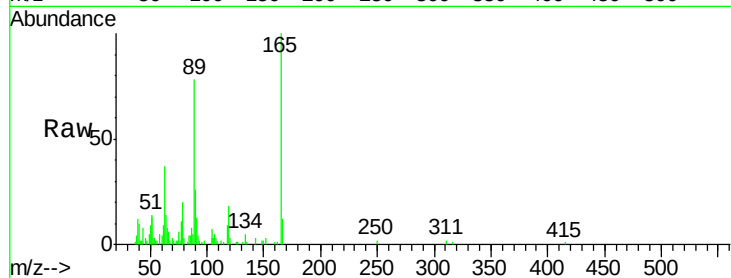
#55
2,4-Dinitrotoluene
Concen: 3.13 ng/ul
RT: 14.99 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.7	36.7	55.1#
182	0.0	2.2	3.2#

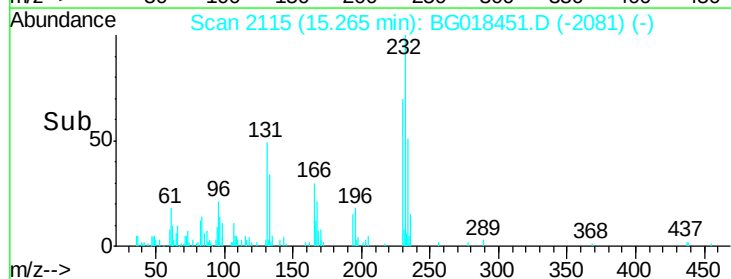
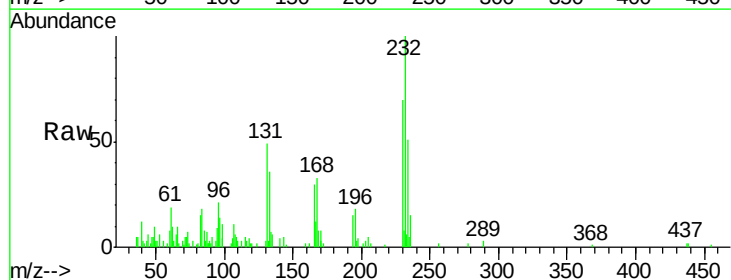
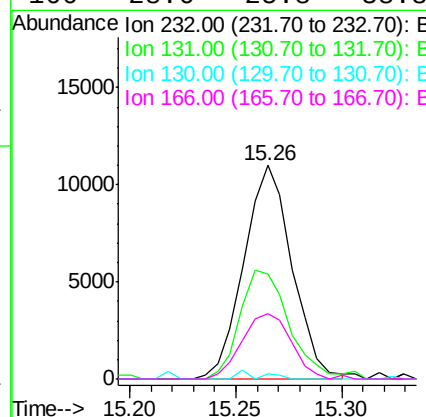
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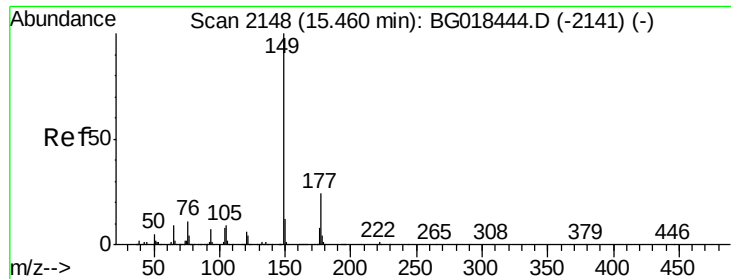
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#56
2,3,4,6-Tetrachlorophenol
Concen: 2.80 ng/ul
RT: 15.26 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.9	37.4	56.0
130	2.4	1.4	2.0#
166	28.6	25.8	38.8





#57

Diethylphthalate

Concen: 3.16 ng/ul

RT: 15.45 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG018451.D

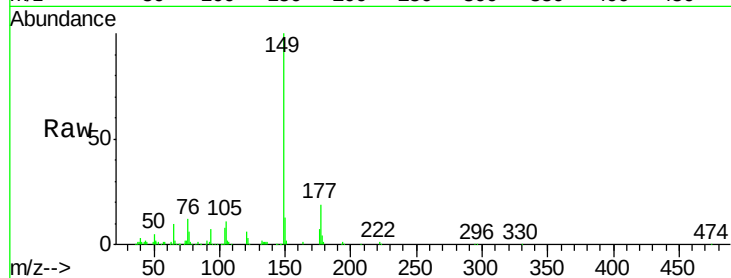
Acq: 17 Aug 2015 13:37

Instrument :

BNA_G

ClientSampleId :

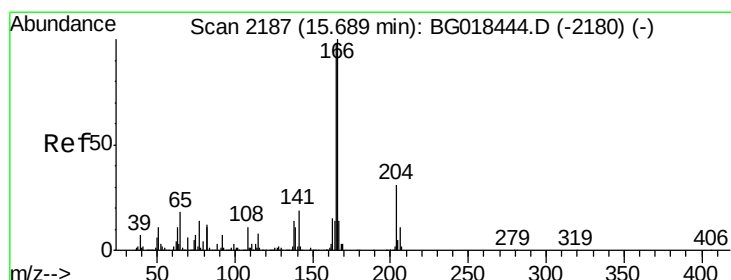
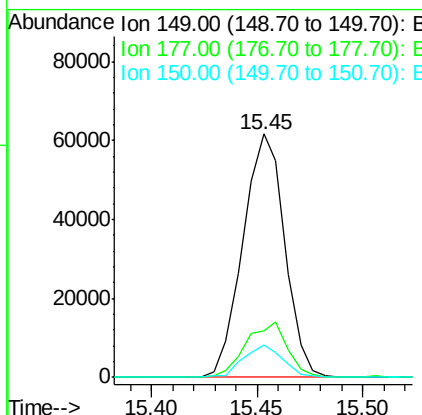
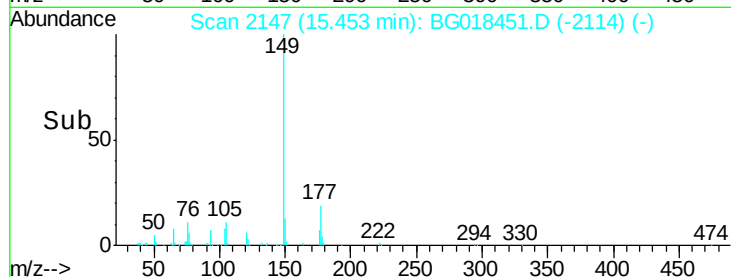
MDL-06-S



Tgt Ion:	149	Resp:	84673
Ion Ratio	Lower	Upper	
149	100		
177	19.4	18.2	27.4
150	13.1	9.7	14.5

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#59

Fluorene

Concen: 3.19 ng/ul

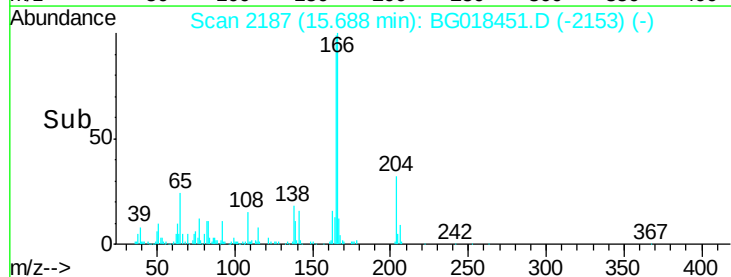
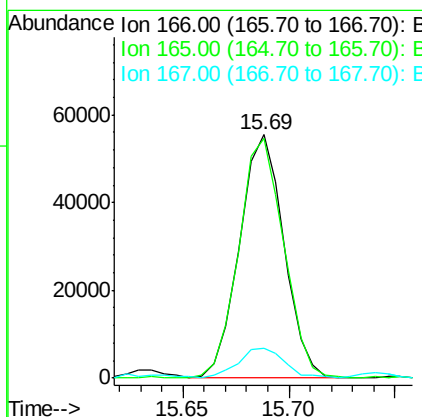
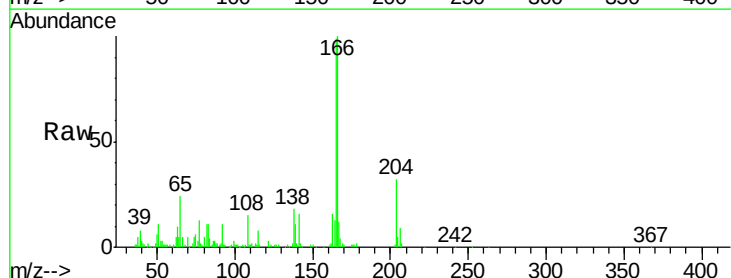
RT: 15.69 min Scan# 2187

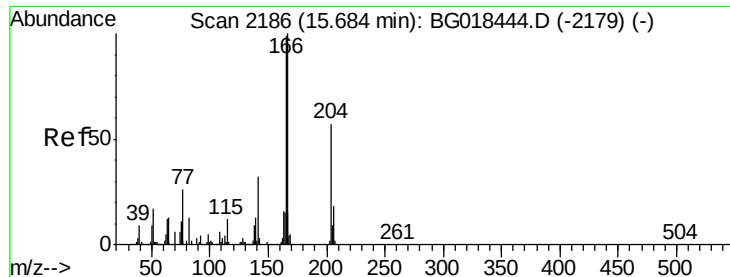
Delta R.T. -0.00 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

Tgt Ion:	166	Resp:	81172
Ion Ratio	Lower	Upper	
166	100		
165	98.6	82.6	124.0
167	12.1	11.4	17.0





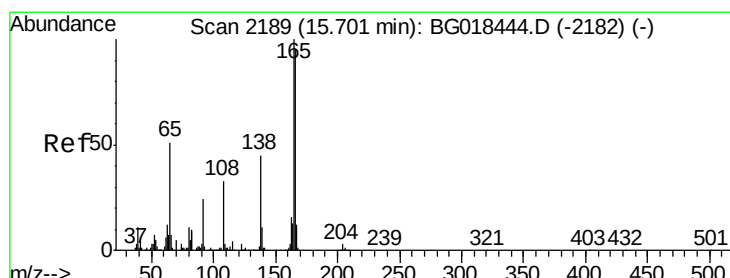
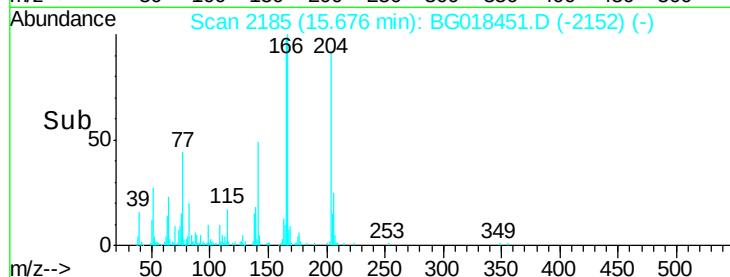
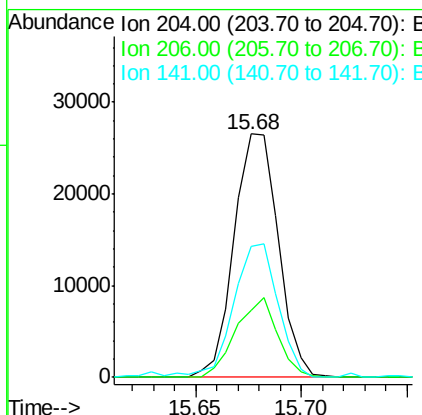
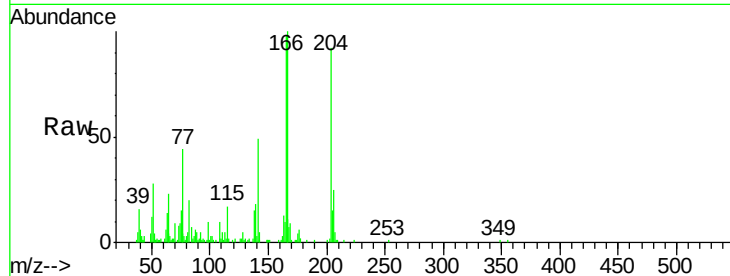
#60
 4-Chlorophenyl-phenylether
 Concen: 3.20 ng/ul
 RT: 15.68 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG018451.D
 Acq: 17 Aug 2015 13:37

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	38565		
206	27.6	27.1	40.7	
141	53.6	47.1	70.7	

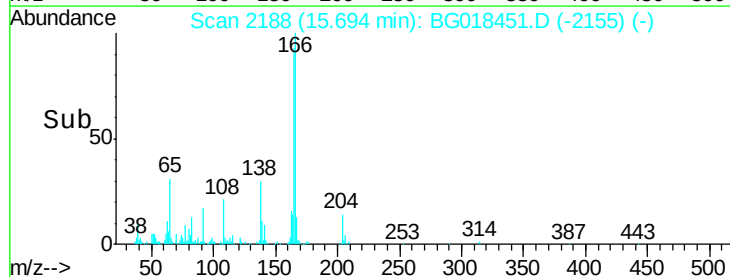
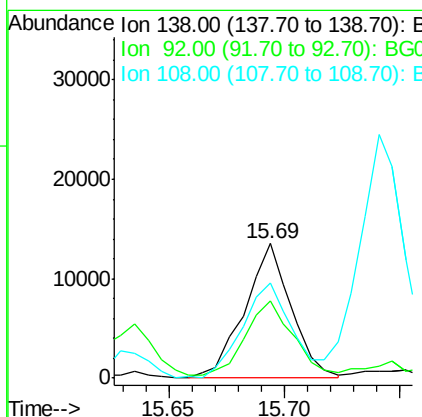
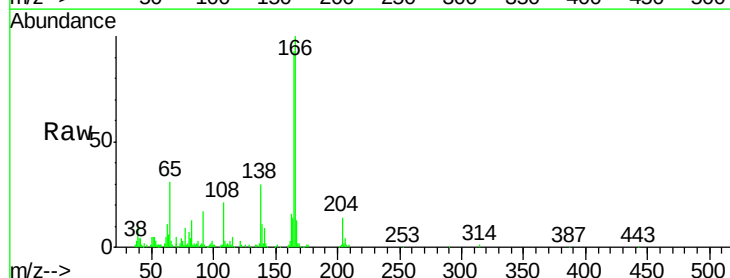
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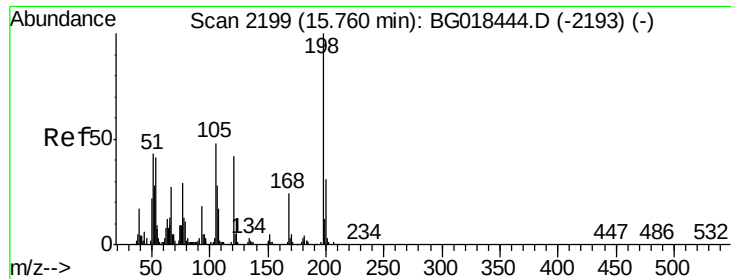
MMDadoda
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#61
 4-Nitroaniline
 Concen: 3.37 ng/ul
 RT: 15.69 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG018451.D
 Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	19065		
92	57.6	44.0	66.0	
108	71.2	64.6	97.0	





#64

4,6-Dinitro-2-methylphenol

Concen: 3.20 ng/ul

RT: 15.76 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

Instrument :

BNA_G

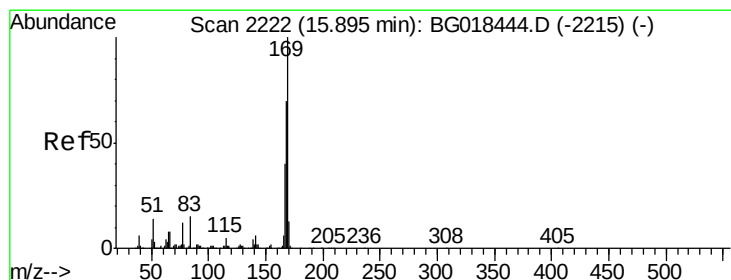
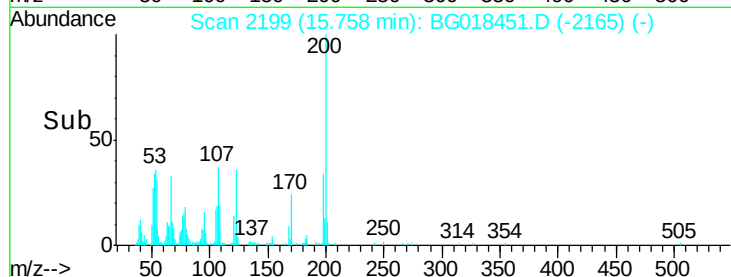
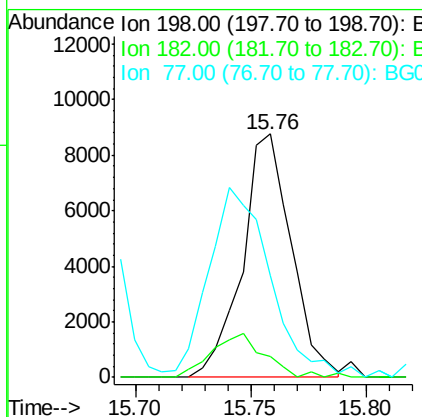
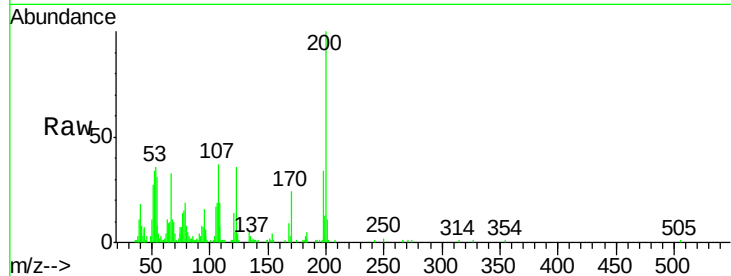
ClientSampled :

MDL-06-S

Tgt Ion:	198	Resp:	12965
Ion Ratio	Lower	Upper	
198	100		
182	8.4	3.4	5.0#
77	41.8	22.4	33.6#

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#65

N-Nitrosodiphenylamine

Concen: 2.99 ng/ul

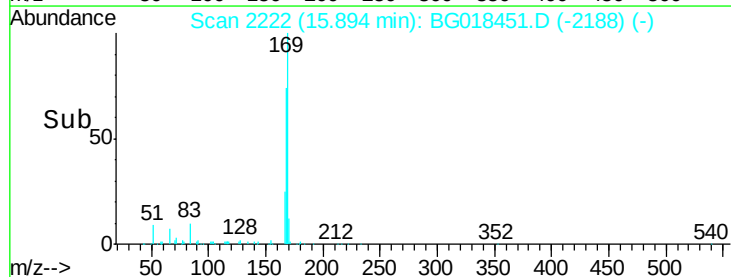
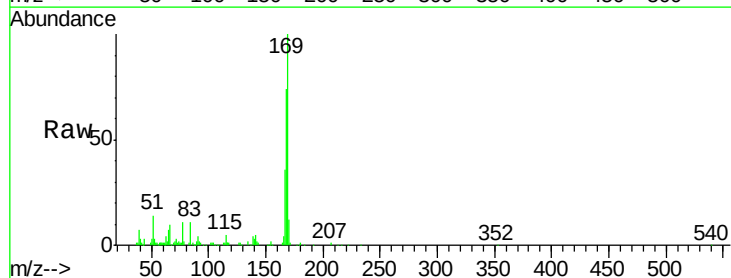
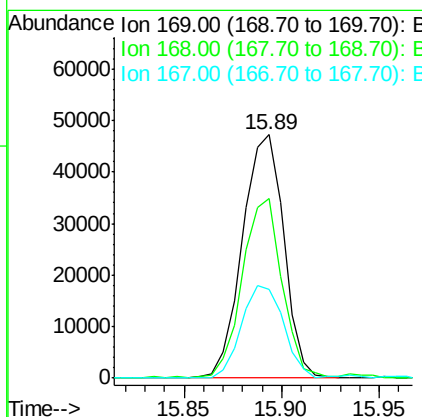
RT: 15.89 min Scan# 2222

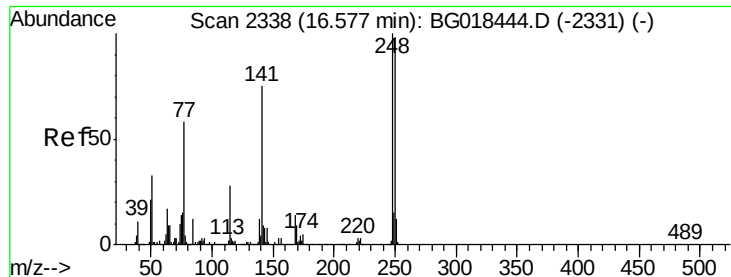
Delta R.T. -0.00 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

Tgt Ion:	169	Resp:	69340
Ion Ratio	Lower	Upper	
169	100		
168	73.8	60.2	90.2
167	36.2	33.4	50.2





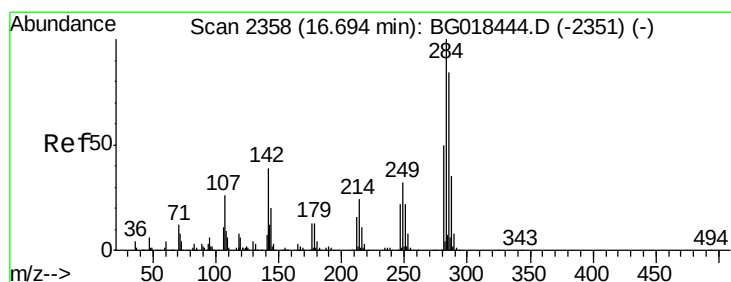
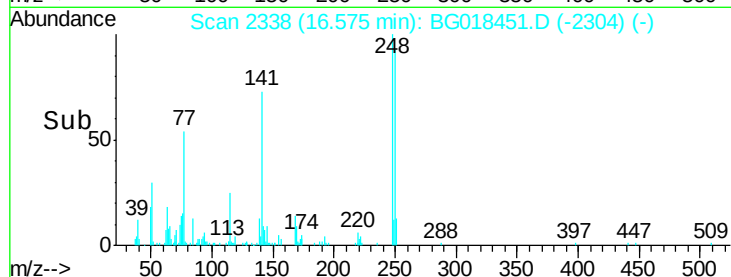
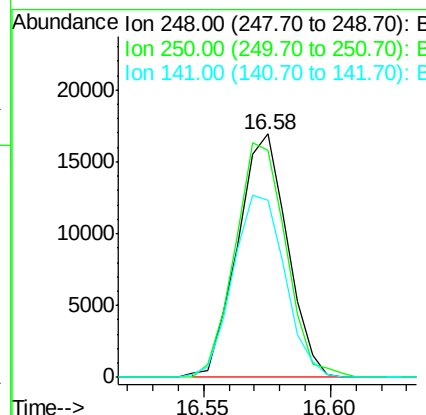
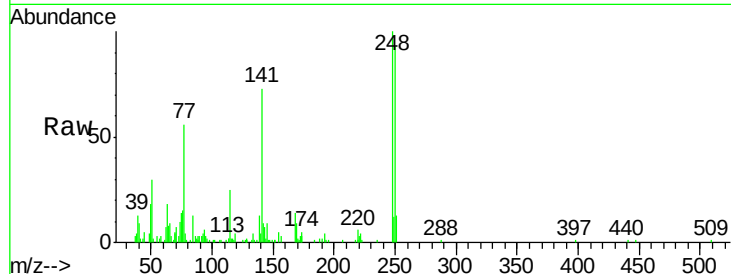
#66
 4-Bromophenyl-phenylether
 Concen: 2.76 ng/ul
 RT: 16.58 min Scan# 2338
 Delta R.T. -0.00 min
 Lab File: BG018451.D
 Acq: 17 Aug 2015 13:37

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.3	76.4	114.6
141	73.0	58.6	87.8

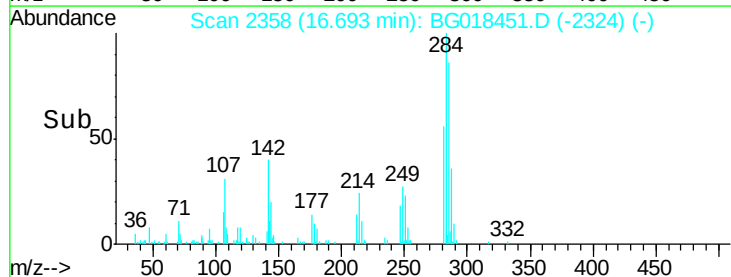
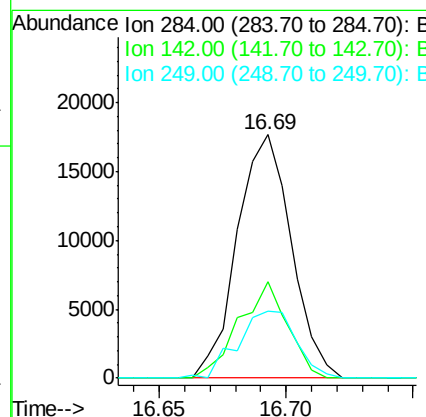
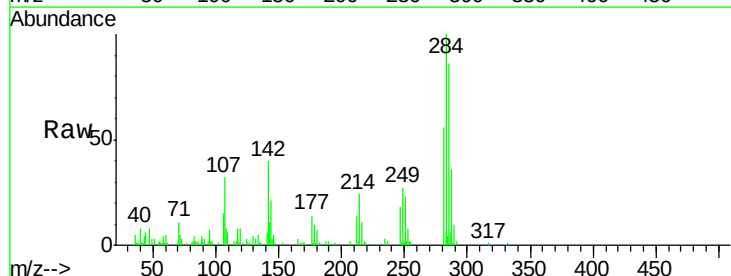
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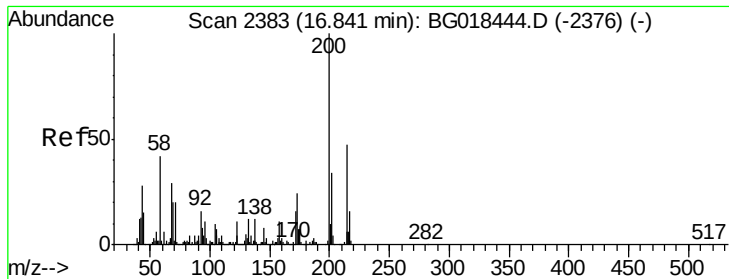
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#67
 Hexachlorobenzene
 Concen: 2.97 ng/ul
 RT: 16.69 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: BG018451.D
 Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.1	28.6	42.8
249	28.3	26.2	39.4





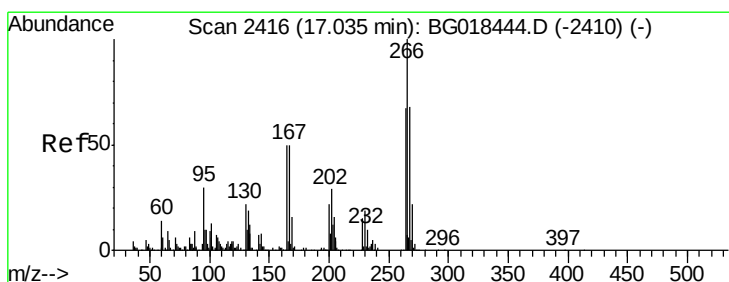
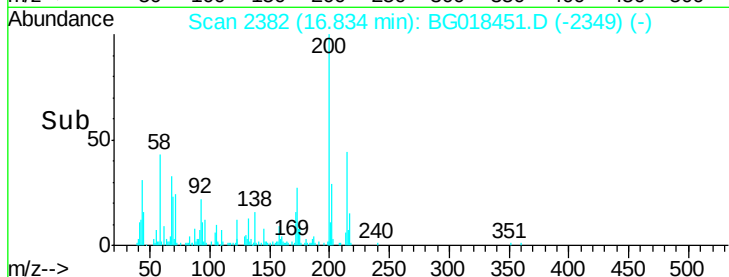
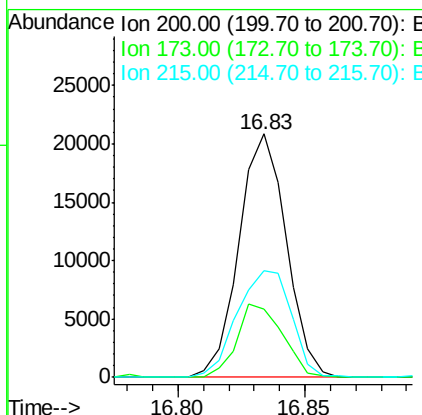
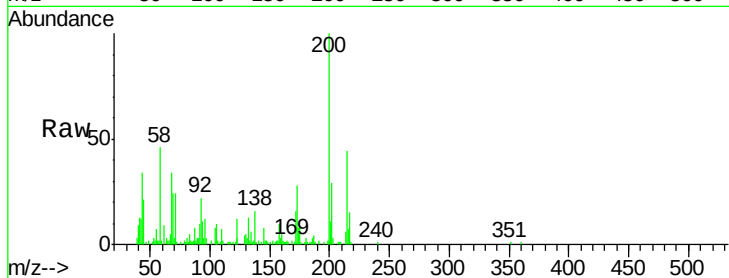
#68
Atrazine
Concen: 3.12 ng/ul
RT: 16.83 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.0	19.0	28.4
215	43.8	37.4	56.2

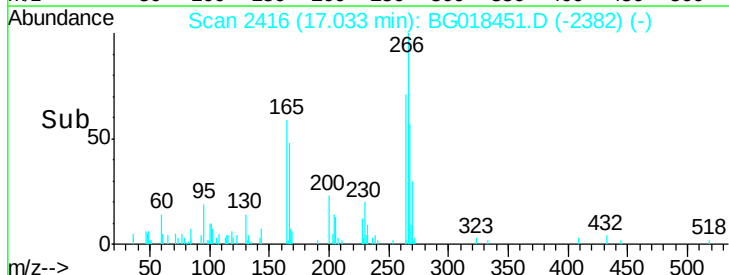
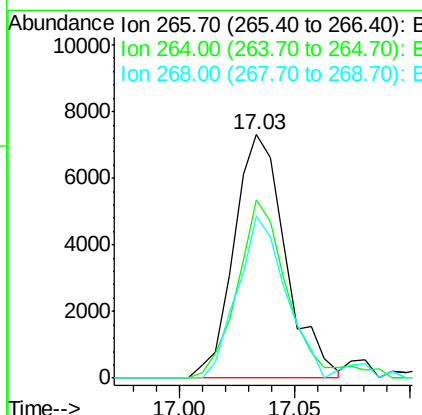
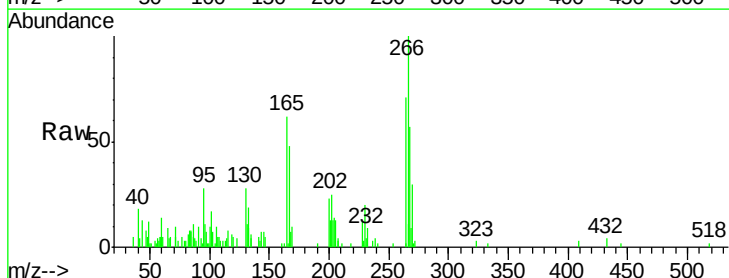
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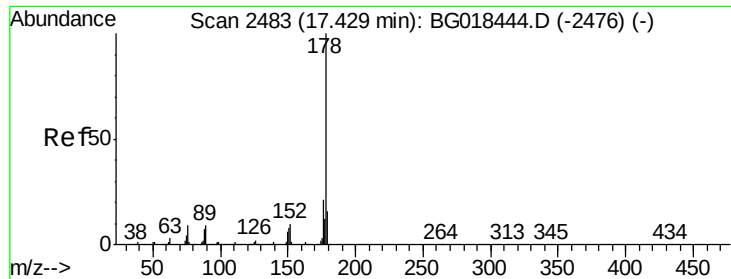
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#69
Pentachlorophenol
Concen: 1.93 ng/ul
RT: 17.03 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	73.1	55.4	83.0
268	66.3	53.6	80.4





#70

Phenanthrene

Concen: 3.23 ng/ul

RT: 17.43 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BG018451.D

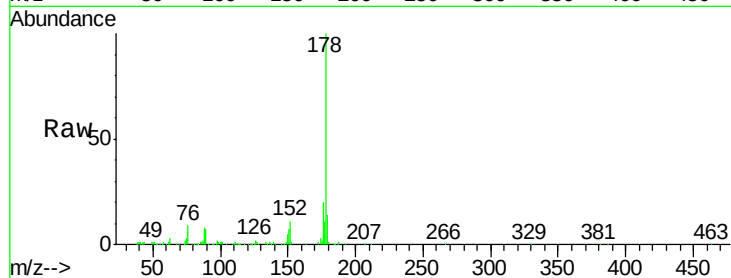
Acq: 17 Aug 2015 13:37

Instrument :

BNA_G

ClientSampleId :

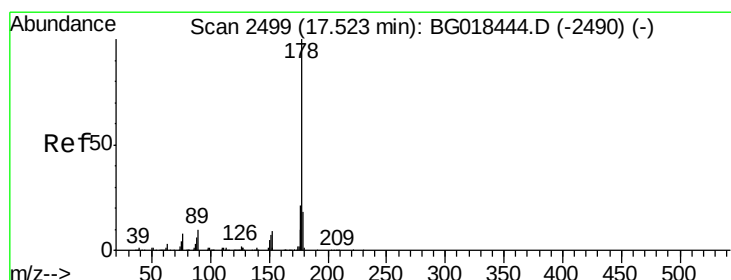
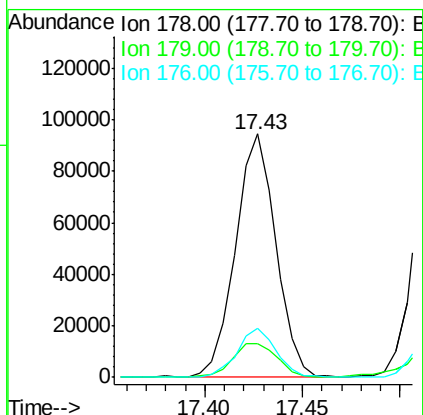
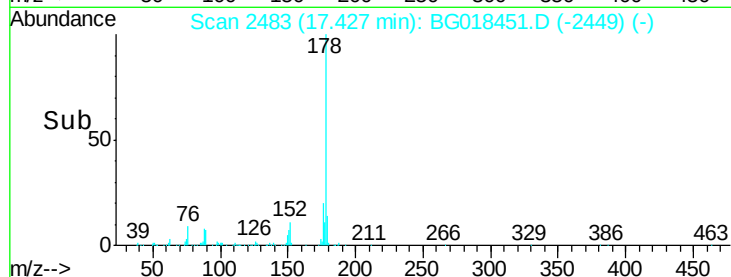
MDL-06-S



Tgt Ion:	178	Resp:	135377
Ion Ratio	Lower	Upper	
178	100		
179	14.0	13.7	20.5
176	20.3	16.6	24.8

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#72

Anthracene

Concen: 3.24 ng/ul

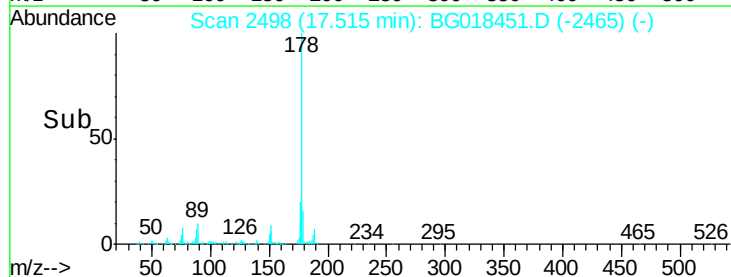
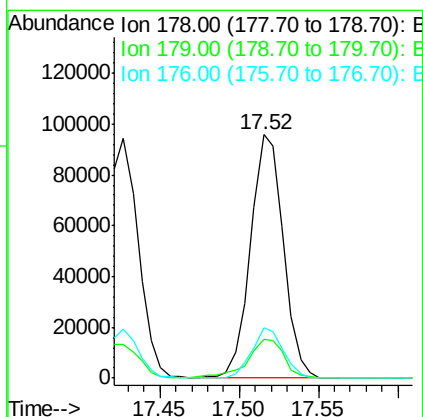
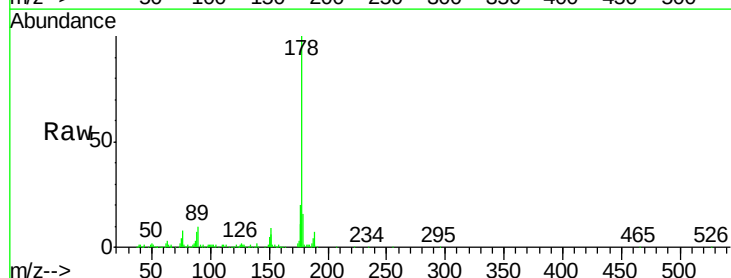
RT: 17.52 min Scan# 2498

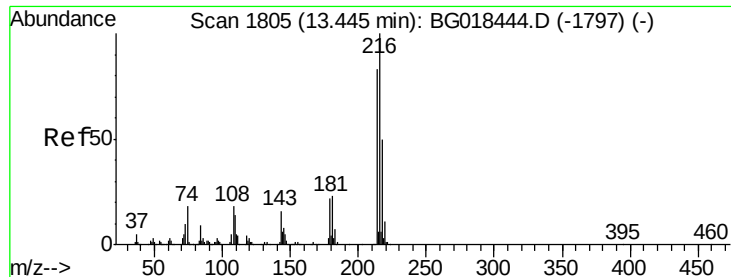
Delta R.T. -0.01 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

Tgt Ion:	178	Resp:	138166
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.0	19.4
176	20.5	16.0	24.0





#73

1,2,3,4-Tetrachlorobenzene

Concen: 2.45 ng/uL

RT: 13.44 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

Instrument :

BNA_G

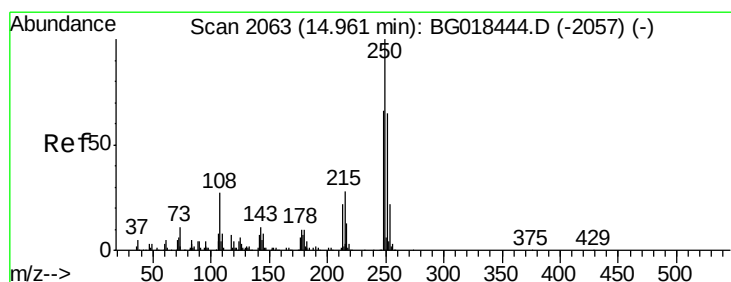
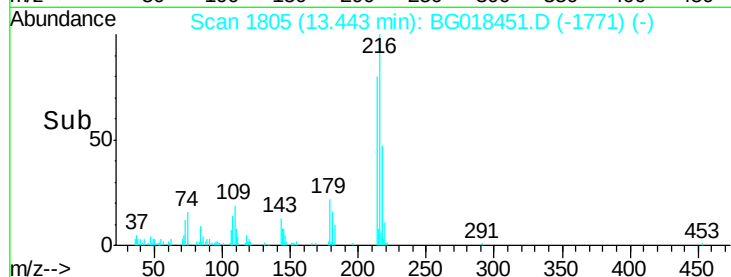
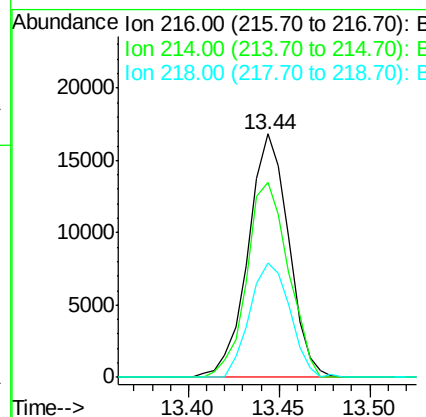
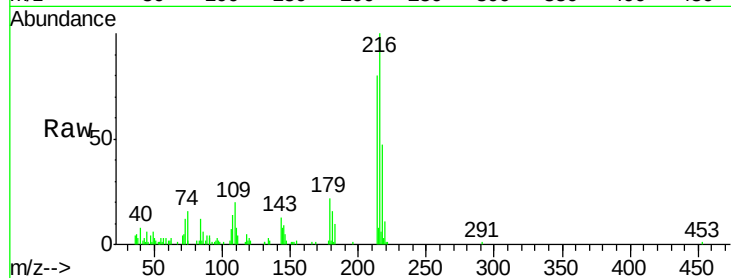
ClientSampleId :

MDL-06-S

Tgt Ion:	216	Resp:	26189
Ion Ratio	Lower	Upper	
216	100		
214	80.1	64.0	96.0
218	46.8	38.7	58.1

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#74

Pentachlorobenzene

Concen: 2.71 ng/uL

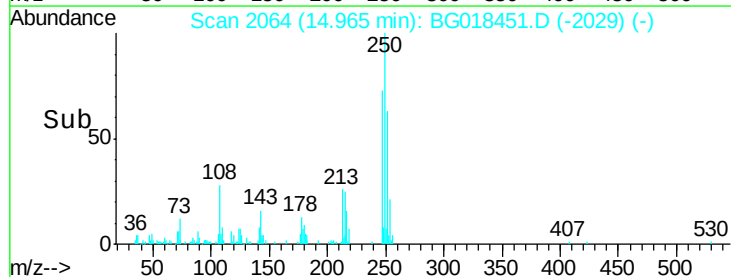
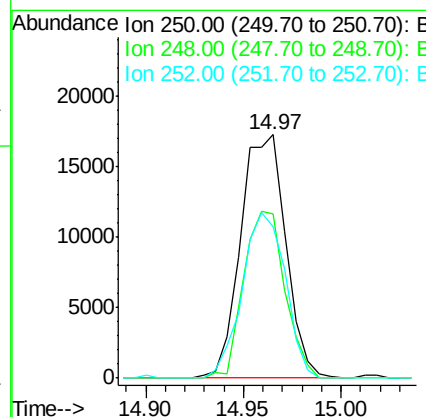
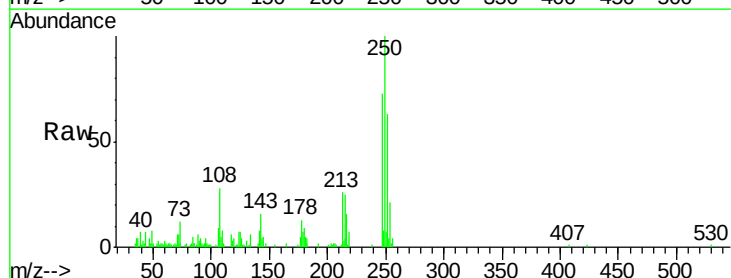
RT: 14.97 min Scan# 2064

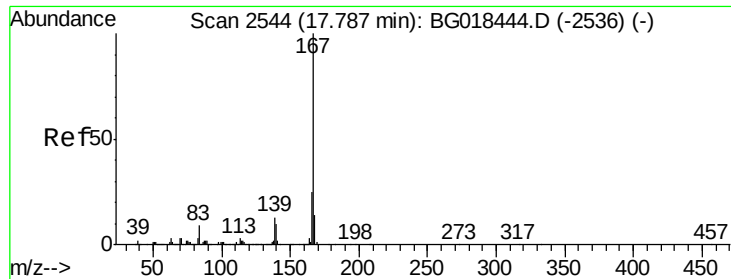
Delta R.T. 0.00 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

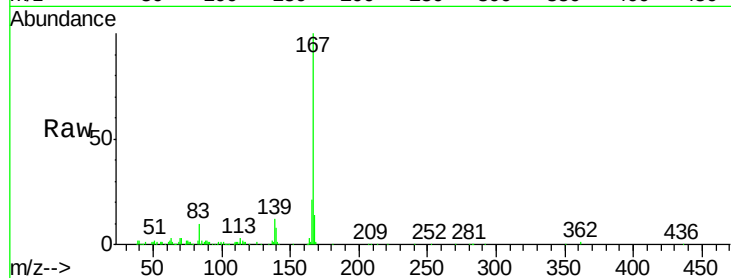
Tgt Ion:	250	Resp:	27633
Ion Ratio	Lower	Upper	
250	100		
248	67.7	45.8	68.8
252	62.5	50.4	75.6





#75
 Carbazole
 Concen: 3.49 ng/ul
 RT: 17.78 min Scan# 2543
 Delta R.T. -0.01 min
 Lab File: BG018451.D
 Acq: 17 Aug 2015 13:37

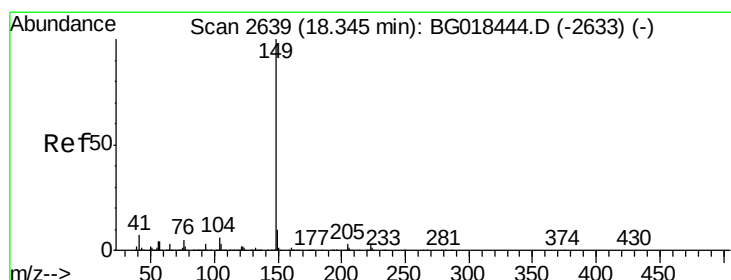
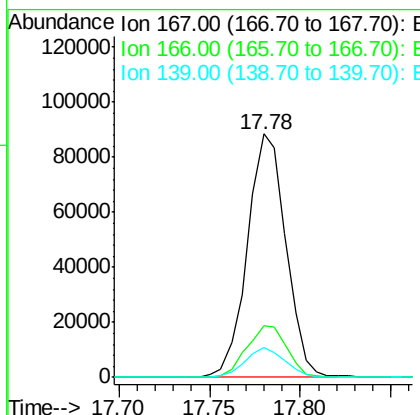
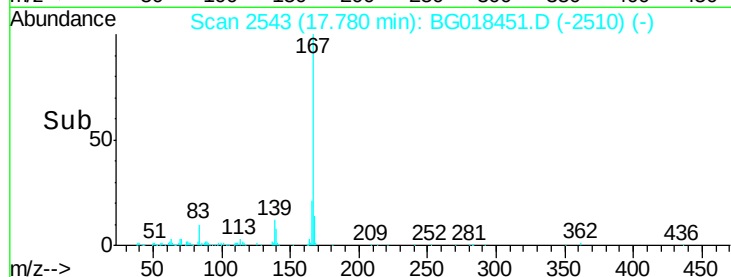
Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-S



Tgt Ion	Ratio	Resp	Lower	Upper
167	100	130478		
166	21.5	18.9	28.3	
139	12.4	10.1	15.1	

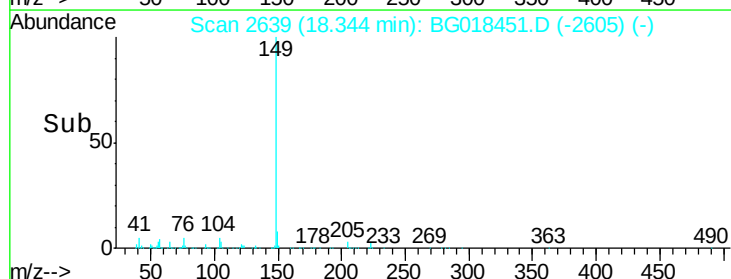
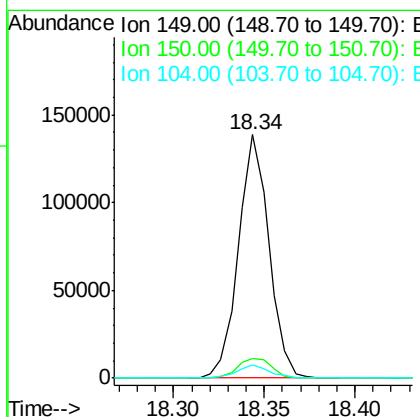
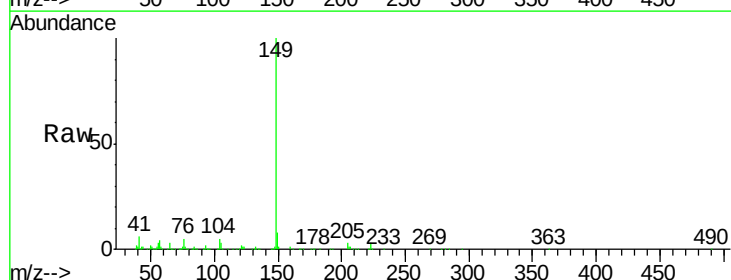
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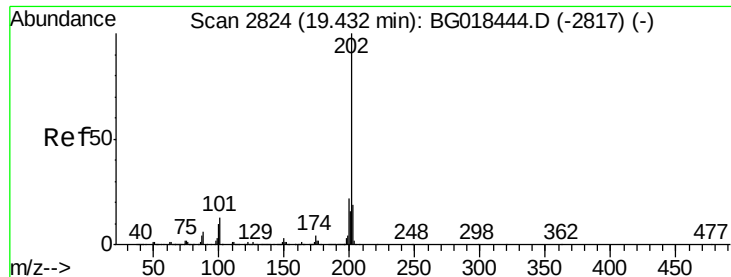
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#76
 Di-n-butylphthalate
 Concen: 3.32 ng/ul
 RT: 18.34 min Scan# 2639
 Delta R.T. -0.00 min
 Lab File: BG018451.D
 Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	162202		
150	8.1	7.5	11.3	
104	5.3	4.3	6.5	





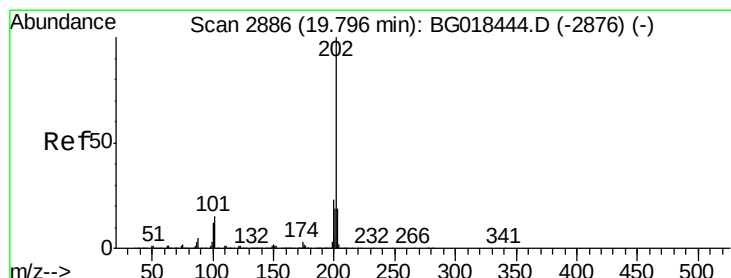
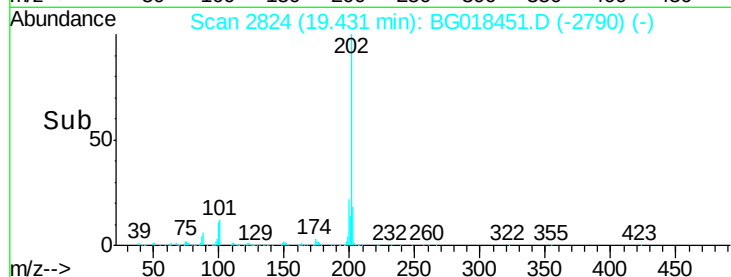
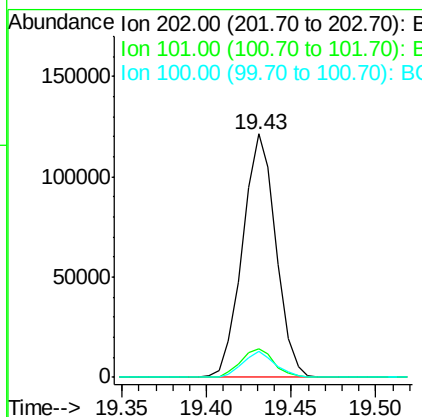
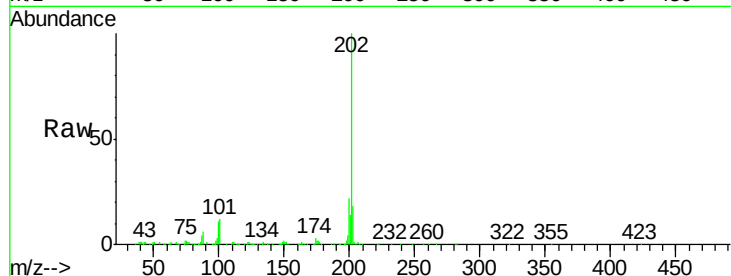
#77
Fluoranthene
Concen: 3.73 ng/ul
RT: 19.43 min Scan# 2824
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	166860		
101	12.0	9.7	14.5	
100	10.7	7.8	11.8	

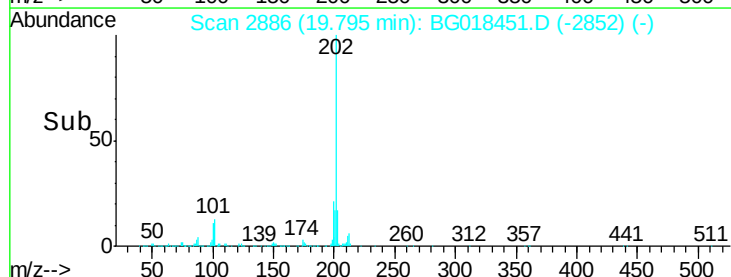
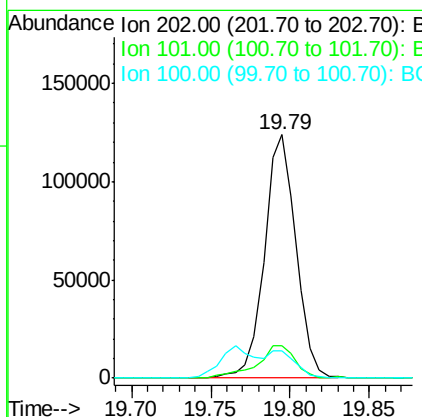
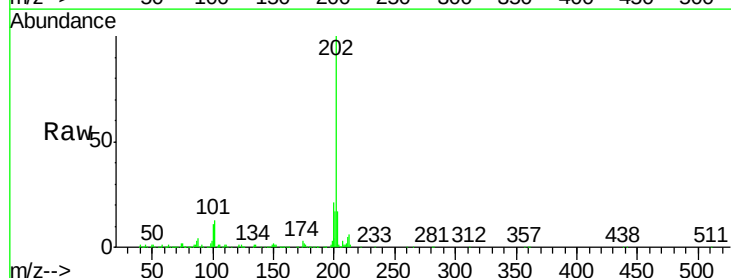
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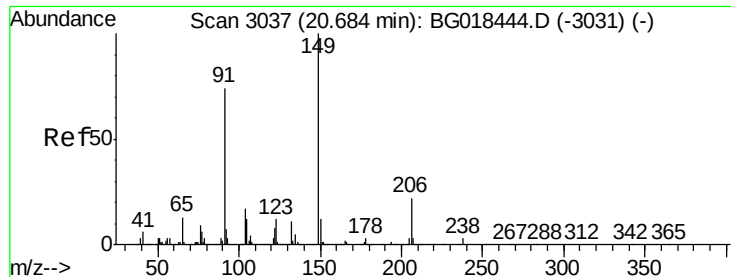
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#80
Pyrene
Concen: 3.28 ng/ul
RT: 19.79 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	171630		
101	13.5	11.0	16.4	
100	11.0	9.8	14.6	





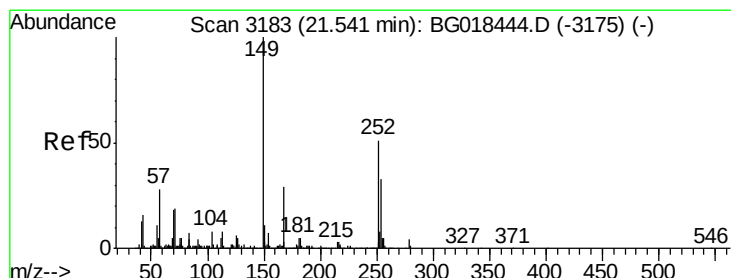
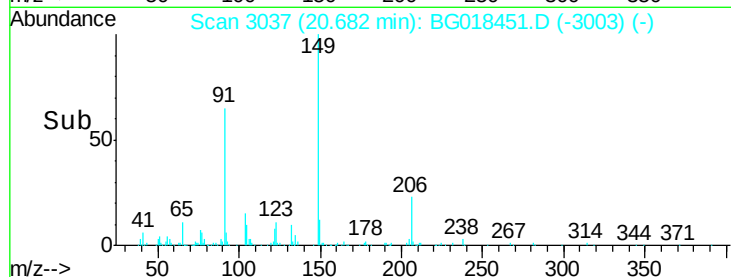
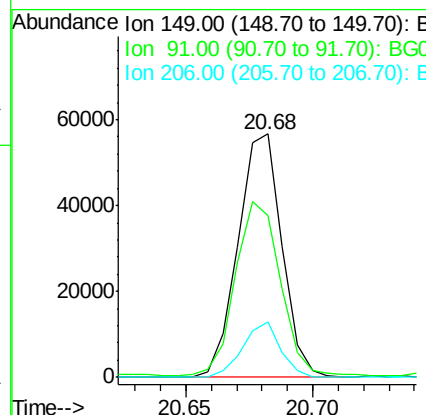
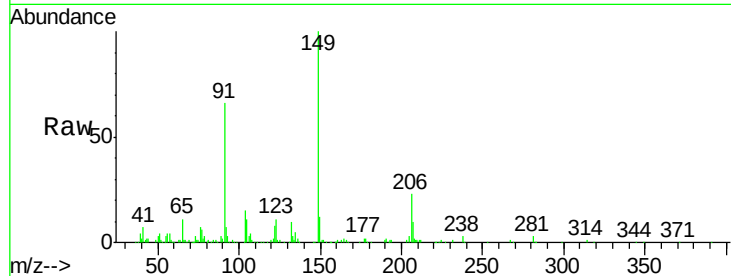
#81
Butylbenzylphthalate
Concen: 3.08 ng/ul
RT: 20.68 min Scan# 3037
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	68133		
91	66.2	57.9	86.9	
206	22.6	17.9	26.9	

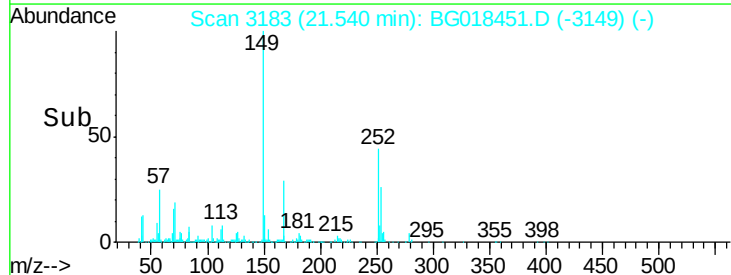
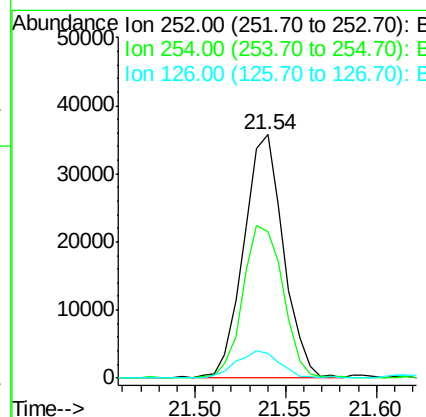
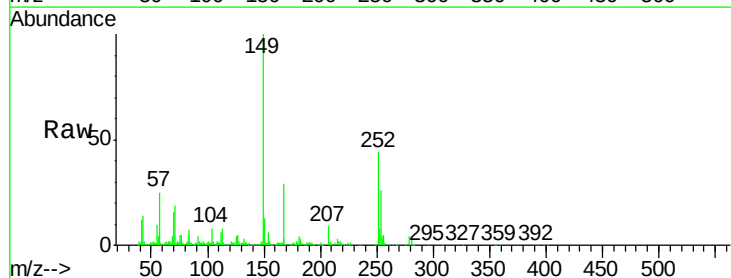
Manual Integrations
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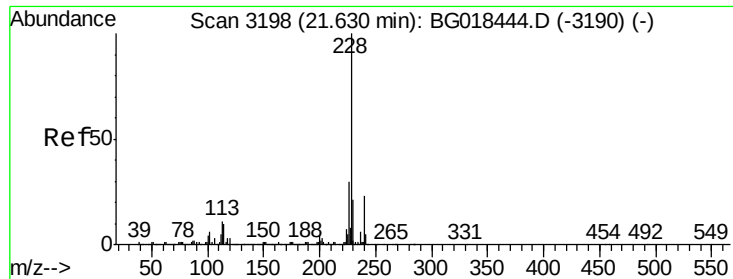
MMDadoda
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#82
3,3'-Dichlorobenzidine
Concen: 3.38 ng/ul
RT: 21.54 min Scan# 3183
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	54350		
254	59.9	50.9	76.3	
126	10.2	9.6	14.4	





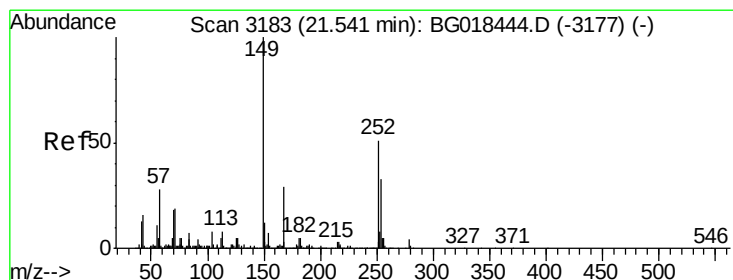
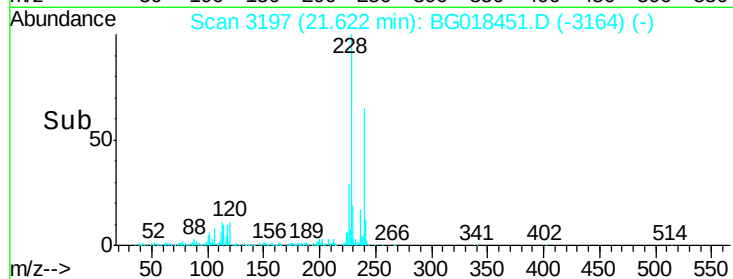
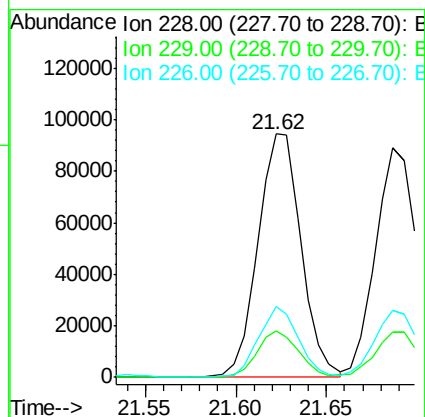
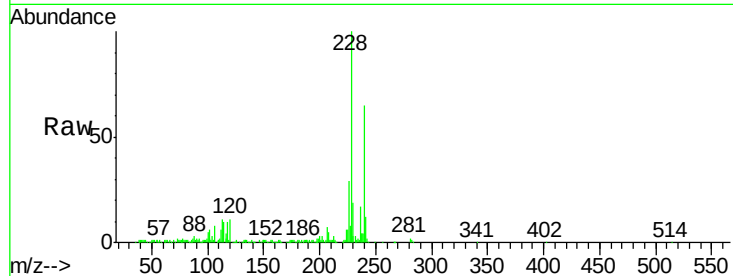
#83
Benzo(a)anthracene
Concen: 3.24 ng/ul
RT: 21.62 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	155665		
229	19.3	15.5	23.3	
226	29.0	22.1	33.1	

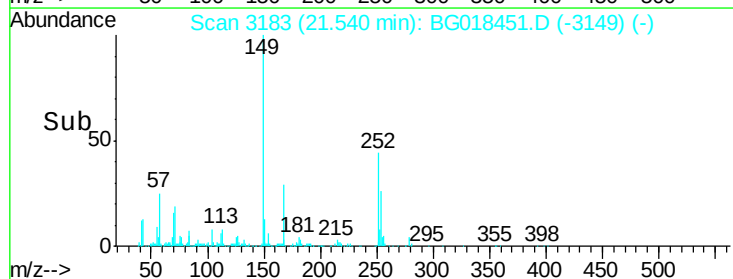
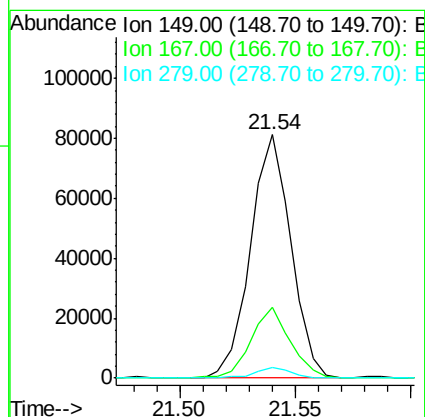
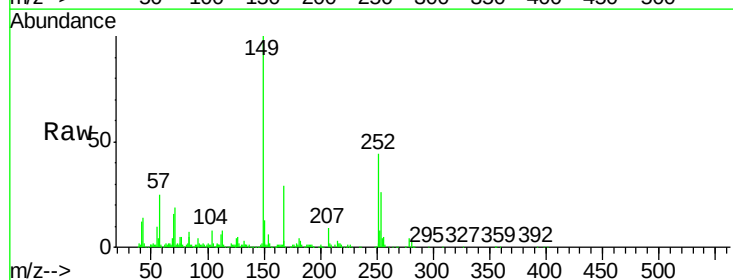
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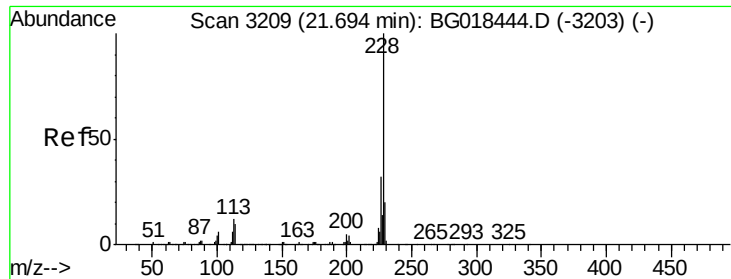
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.17 ng/ul
RT: 21.54 min Scan# 3183
Delta R.T. -0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	99193		
167	29.1	22.2	33.2	
279	4.2	2.8	4.2#	





#85

Chrysene

Concen: 3.16 ng/ul

RT: 21.69 min Scan# 3208

Delta R.T. -0.01 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

Instrument :

BNA_G

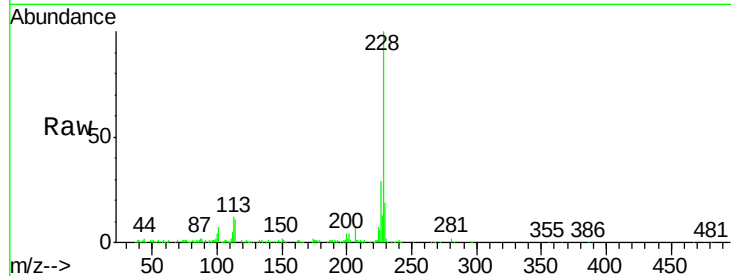
ClientSampleId :

MDL-06-S

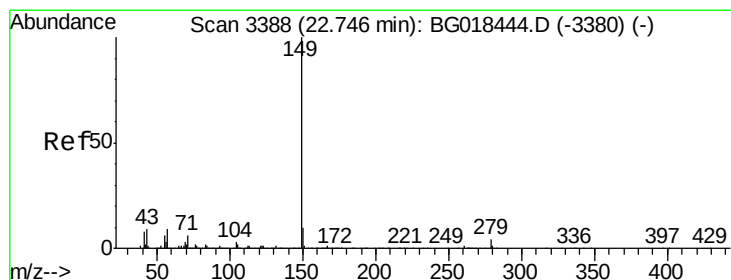
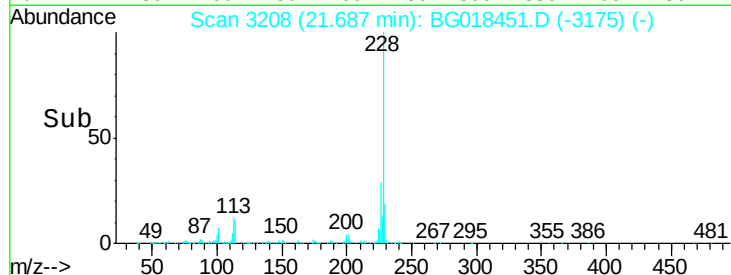
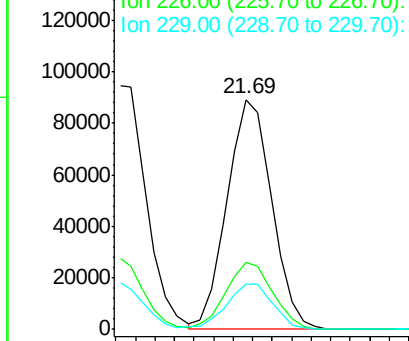
Tgt Ion:	228	Resp:	141814
Ion Ratio	Lower	Upper	
228	100		
226	29.0	26.5	39.7
229	19.5	16.9	25.3

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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



#87

Di-n-octyl phthalate

Concen: 3.48 ng/ul

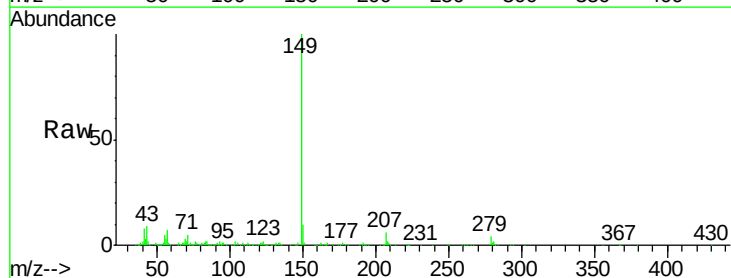
RT: 22.74 min Scan# 3388

Delta R.T. -0.00 min

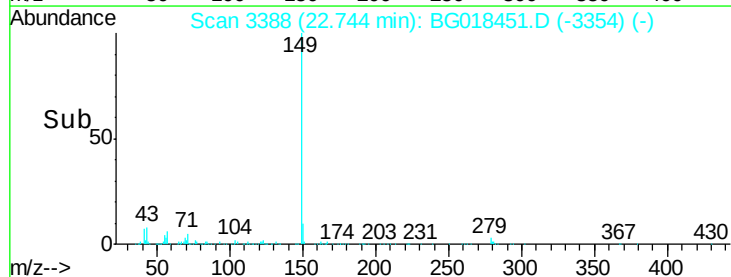
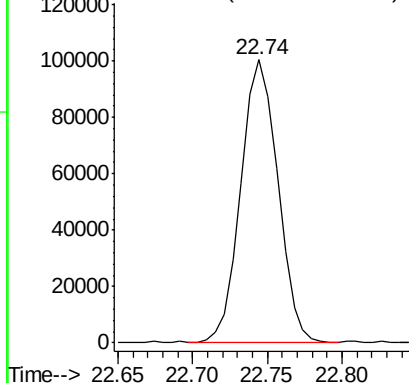
Lab File: BG018451.D

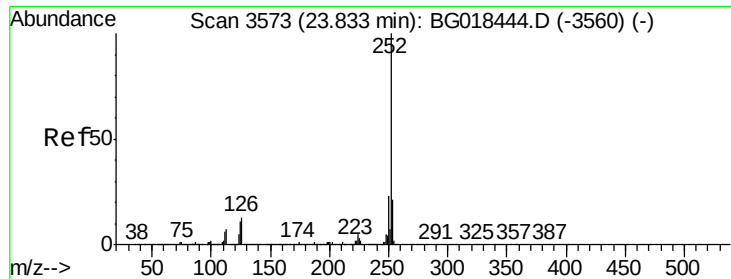
Acq: 17 Aug 2015 13:37

Tgt Ion:149 Resp: 173149



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 3.04 ng/ul

RT: 23.83 min Scan# 3572

Delta R.T. -0.01 min

Lab File: BG018451.D

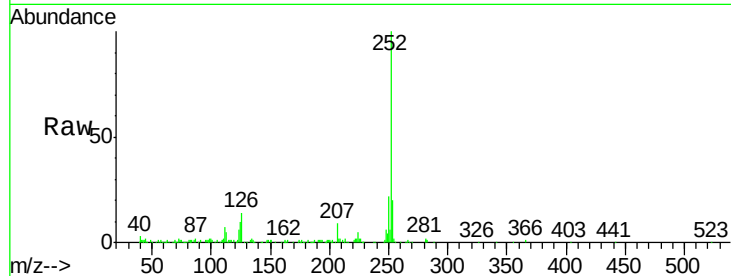
Acq: 17 Aug 2015 13:37

Instrument :

BNA_G

ClientSampleId :

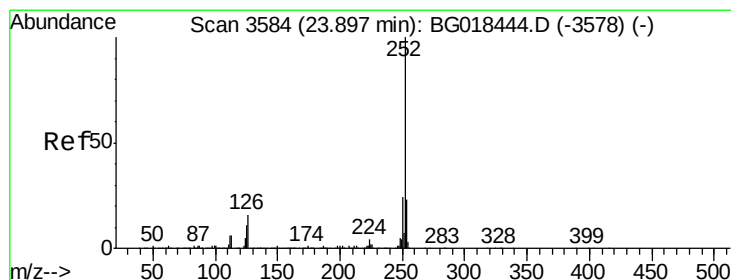
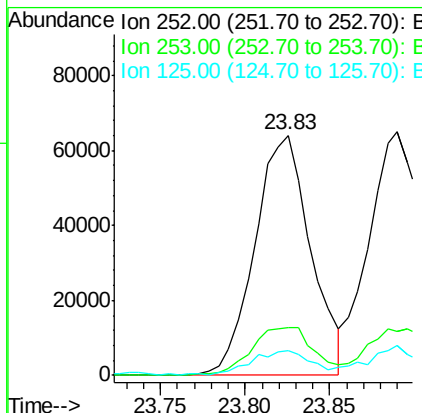
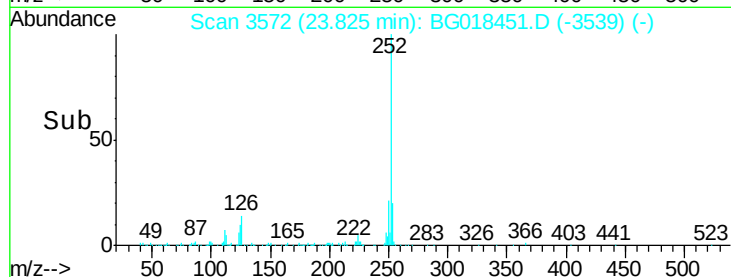
MDL-06-S



Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.8	18.1	27.1
125	10.3	8.3	12.5

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#89

Benzo(k)fluoranthene

Concen: 3.19 ng/ul

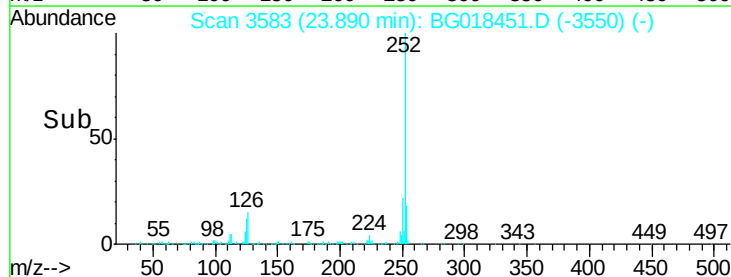
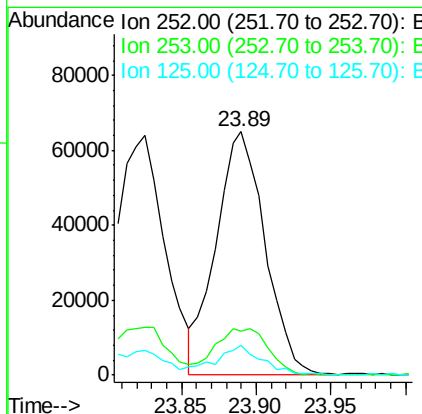
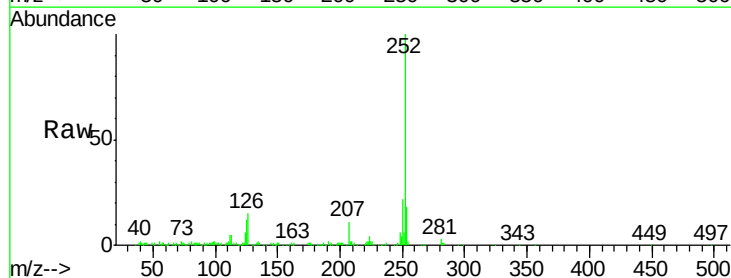
RT: 23.89 min Scan# 3583

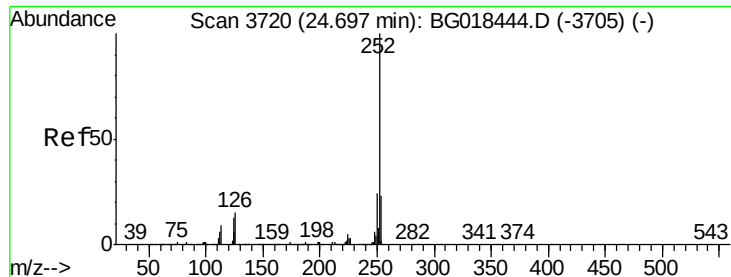
Delta R.T. -0.01 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	18.2	17.8	26.6
125	12.1	9.0	13.4





#91

Benzo(a)pyrene

Concen: 3.02 ng/ul

RT: 24.69 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

Instrument :

BNA_G

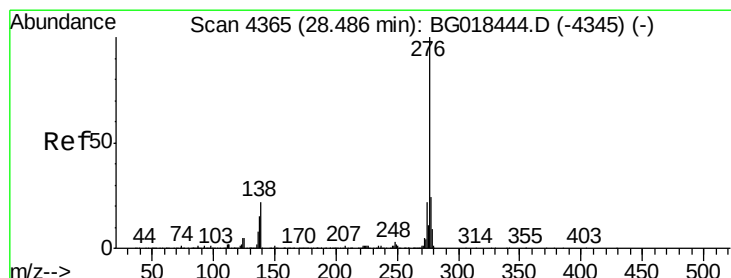
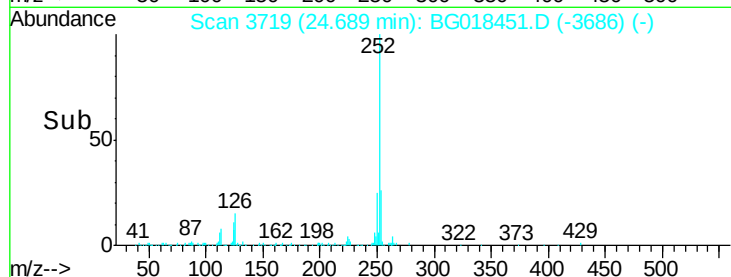
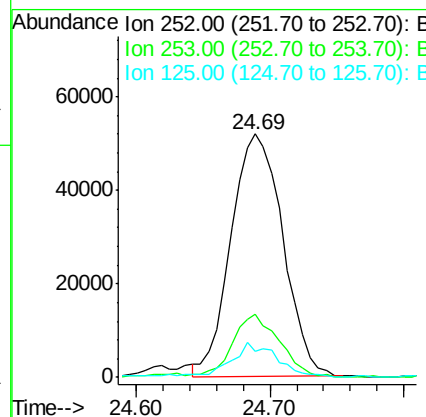
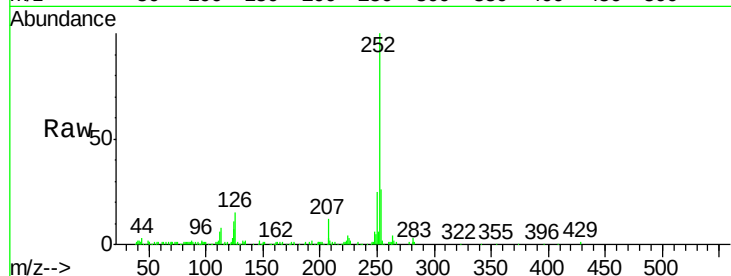
ClientSampleId :

MDL-06-S

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		138992		
253	26.1	17.7	26.5		
125	10.9	10.2	15.2		

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#92

Indeno(1,2,3-cd)pyrene

Concen: 3.02 ng/ul

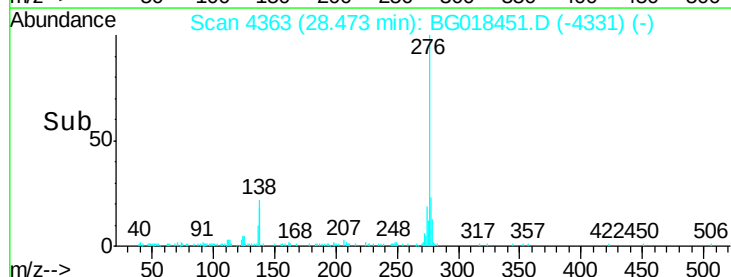
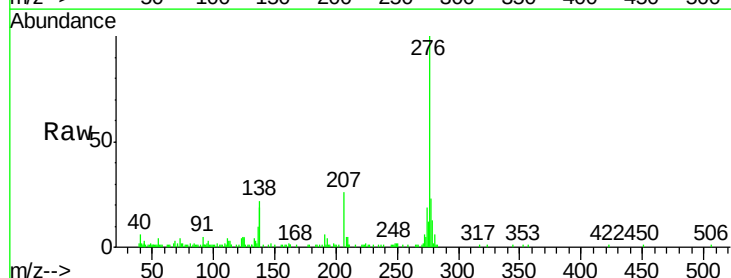
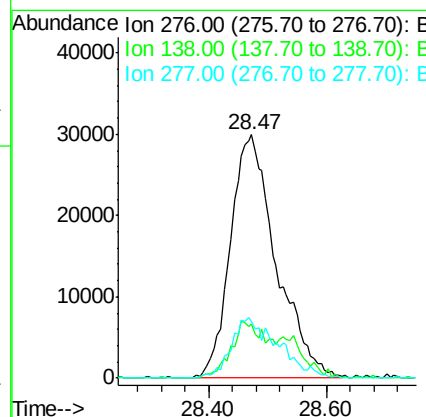
RT: 28.47 min Scan# 4363

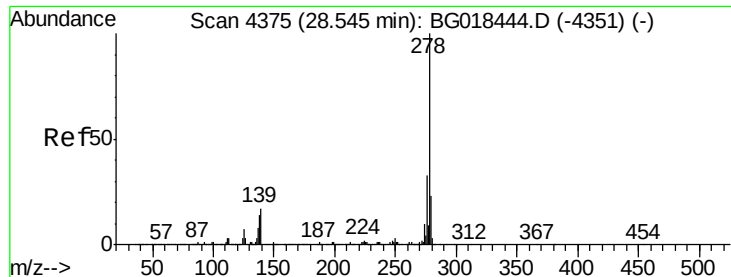
Delta R.T. -0.01 min

Lab File: BG018451.D

Acq: 17 Aug 2015 13:37

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		161155		
138	22.5	15.8	23.6		
277	23.2	18.9	28.3		





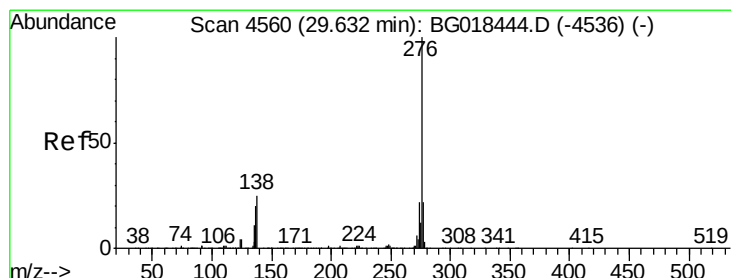
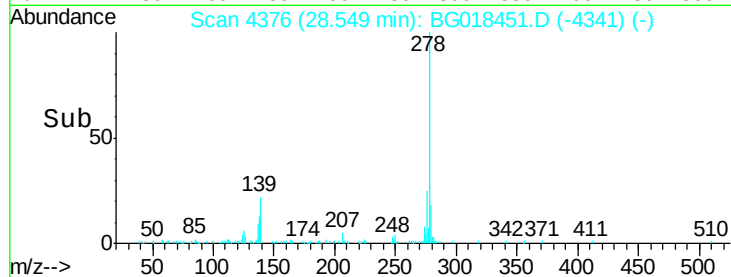
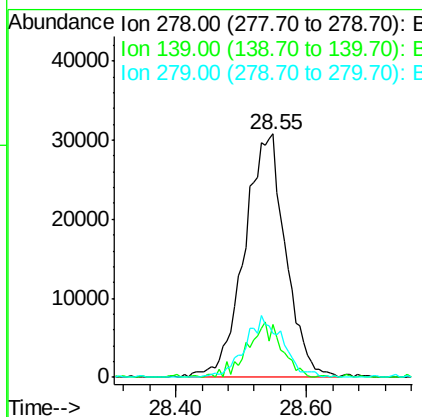
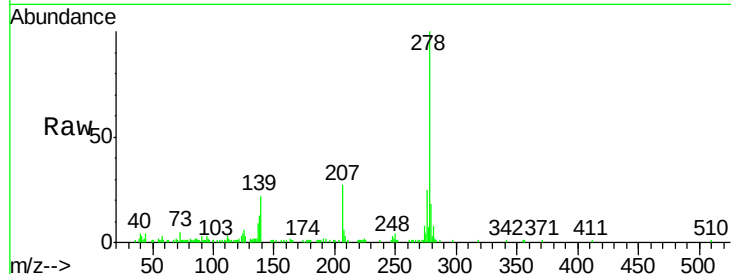
#93
Dibenzo(a,h)anthracene
Concen: 3.04 ng/ul m
RT: 28.55 min Scan# 4376
Delta R.T. 0.00 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	13.8	20.6#
279	18.3	17.8	26.8

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#94
Benzo(g,h,i)perylene
Concen: 3.02 ng/ul m
RT: 29.60 min Scan# 4554
Delta R.T. -0.04 min
Lab File: BG018451.D
Acq: 17 Aug 2015 13:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.5	24.7
277	20.4	19.0	28.6

