

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
 Data File : BG023204.D
 Acq On : 21 Jul 2016 1:55
 Operator : UM/SJ
 Sample : MDL-05-W
 Misc : MDL 8PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 MDL-05-W

Manual Integrations

sohil
 7/21/2016 1:51:15 PM

Quant Time: Jul 21 10:43:44 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 21 04:24:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	116114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	579499	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	426738	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1100130m	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1185225	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1146158	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	6936	2.70	ng/uL	0.00
5) Phenol-d5	7.29	99	357238m	29.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	261696m	32.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	242286	30.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	285100	30.61	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	138143	29.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	166210	30.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	284998	28.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	394467	37.44	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	1136747	32.04	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	1246553	30.91	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	199106	31.80	ng/ul	0.00
57) Fluorene-d10	15.80	176	992716	30.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	225860m	29.84	ng/ul	0.00
70) Anthracene-d10	17.67	188	1586080	30.80	ng/ul	0.00
76) Pyrene-d10	19.96	212	1860409	30.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1698838	31.57	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.54	88	3260m	1.19	ng/ul
4) Benzaldehyde	7.27	77	53289	7.17	ng/ul# 82
6) Phenol	7.31	94	67855	5.45	ng/ul# 62
8) Bis(2-Chloroethyl)ether	7.55	93	55573	5.93	ng/ul# 84
10) 2-Chlorophenol	7.70	128	43754	5.30	ng/ul# 88
11) 2-Methylphenol	8.58	108	49223	5.35	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.67	45	80021	6.32	ng/ul 98
14) Acetophenone	8.97	105	96593	5.96	ng/ul# 88
15) N-Nitroso-di-n-propylamine	8.95	70	63346	5.92	ng/ul# 91
16) 4-Methylphenol	8.91	108	56748	5.54	ng/ul 87
17) Hexachloroethane	9.24	117	22228	5.68	ng/ul# 59
20) Nitrobenzene	9.36	77	85271	5.70	ng/ul# 83
21) Isophorone	9.88	82	164861	5.78	ng/ul# 88
23) 2-Nitrophenol	10.08	139	31315	5.42	ng/ul# 66
24) 2,4-Dimethylphenol	10.13	107	72243	5.45	ng/ul# 77
25) Bis(2-Chloroethoxy)methane	10.36	93	87844	5.57	ng/ul# 96
27) 2,4-Dichlorophenol	10.62	162	53248	5.29	ng/ul# 84
28) Naphthalene	11.03	128	164363	5.64	ng/ul 99
30) 4-Chloroaniline	11.13	127	66826	6.14	ng/ul 95
31) Hexachlorobutadiene	11.30	225	44877	5.54	ng/ul 92
32) Caprolactam	11.92	113	24669m	5.91	ng/ul
33) 4-Chloro-3-methylphenol	12.26	107	69293	5.24	ng/ul# 79
34) 2-Methylnaphthalene	12.64	142	135383	5.62	ng/ul 92

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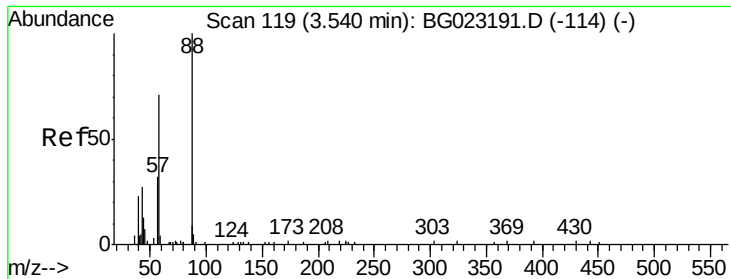
Manual Integrations

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 7/21/2016 1:51:15 PM

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 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	81157	5.70	ng/ul	96
37) Hexachlorocyclopentadiene	12.97	237	44039	4.75	ng/ul	98
38) 2,4,6-Trichlorophenol	13.24	196	51643	5.24	ng/ul	94
39) 2,4,5-Trichlorophenol	13.31	196	53906	5.36	ng/ul	97
40) 1,1'-Biphenyl	13.64	154	192553	6.02	ng/ul#	95
41) 2-Chloronaphthalene	13.68	162	149600	5.80	ng/ul	96
42) 2-Nitroaniline	13.89	65	64779	5.64	ng/ul#	58
44) Dimethylphthalate	14.25	163	223950	6.23	ng/ul#	95
45) 2,6-Dinitrotoluene	14.38	165	42732	5.48	ng/ul#	70
47) Acenaphthylene	14.53	152	242808	5.95	ng/ul	97
48) 3-Nitroaniline	14.71	138	42525	6.38	ng/ul#	68
49) Acenaphthene	14.87	153	161337	5.84	ng/ul	93
50) 2,4-Dinitrophenol	14.92	184	19792m	4.05	ng/ul	
52) 4-Nitrophenol	15.02	109	45905m	6.16	ng/ul	
53) Dibenzofuran	15.21	168	248311	6.10	ng/ul	91
54) 2,4-Dinitrotoluene	15.17	165	69845	5.88	ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	15.44	232	56507	5.56	ng/ul#	93
56) Diethylphthalate	15.62	149	236288	6.18	ng/ul#	92
58) Fluorene	15.86	166	203085	6.05	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.85	204	106762	5.80	ng/ul	95
60) 4-Nitroaniline	15.88	138	49438	6.04	ng/ul#	42
63) 4,6-Dinitro-2-methylphenol	15.93	198	46189m	5.77	ng/ul	
64) N-Nitrosodiphenylamine	16.06	169	186872	5.88	ng/ul	94
65) 4-Bromophenyl-phenylether	16.75	248	69069	5.46	ng/ul	94
66) Hexachlorobenzene	16.87	284	78764	6.08	ng/ul#	93
67) Atrazine	17.01	200	77094	5.69	ng/ul	97
68) Pentachlorophenol	17.22	266	38711	4.81	ng/ul	90
69) Phenanthrene	17.61	178	351519m	6.20	ng/ul	
71) Anthracene	17.71	178	377949	6.36	ng/ul	98
72) Carbazole	17.98	167	316571	6.78	ng/ul	95
73) Di-n-butylphthalate	18.52	149	402159	6.21	ng/ul#	96
74) Fluoranthene	19.62	202	440684m	7.40	ng/ul	
77) Pyrene	19.99	202	461699	6.41	ng/ul#	90
78) Butylbenzylphthalate	20.86	149	174761	5.58	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.78	252	141149	5.97	ng/ul#	95
80) Benzo(a)anthracene	21.87	228	444313	6.31	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	260688	6.10	ng/ul	98
82) Chrysene	21.94	228	389311	6.10	ng/ul	95
84) Di-n-octyl phthalate	23.03	149	433966	6.83	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	416597	5.97	ng/ul#	95
86) Benzo(k)fluoranthene	24.28	252	404222	6.12	ng/ul#	92
88) Benzo(a)pyrene	25.13	252	407775m	6.14	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.18	276	433552	5.79	ng/ul#	82
90) Dibenzo(a,h)anthracene	29.24	278	358861m	5.82	ng/ul	
91) Benzo(g,h,i)perylene	30.39	276	359924m	5.82	ng/ul	

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



#2

1,4-Dioxane

Concen: 1.19 ng/uL m

RT: 3.54 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampled :

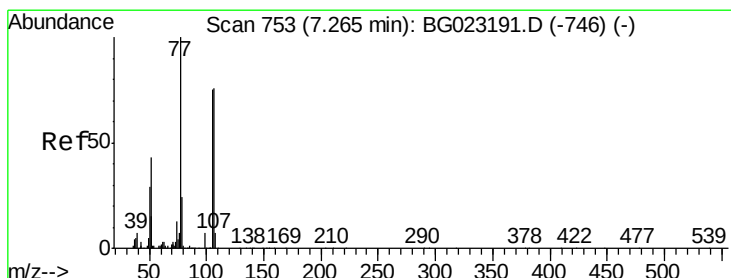
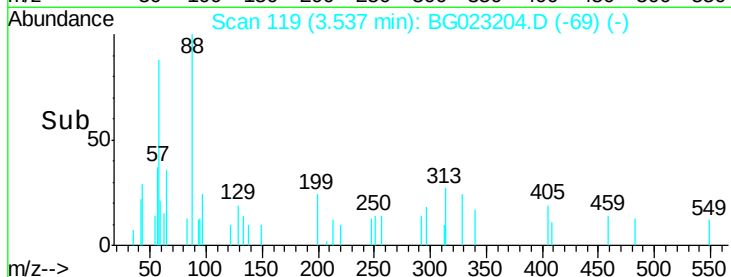
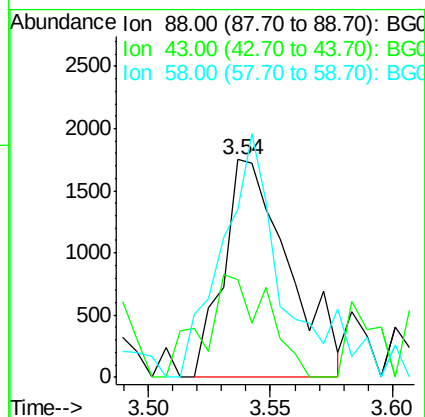
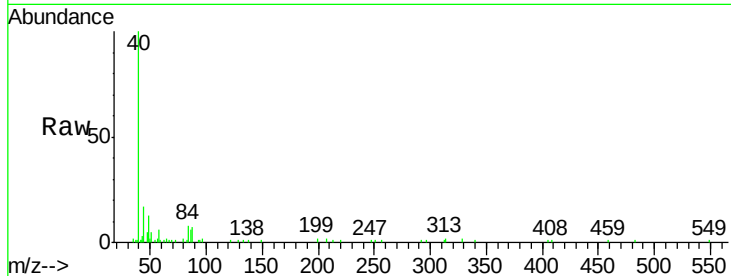
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
88	100		
43	44.8	16.6	24.8#
58	77.2	47.2	70.8#

Manual Integrations

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#4

Benzaldehyde

Concen: 7.17 ng/uL

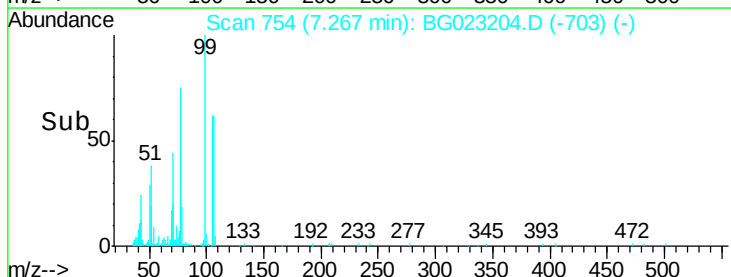
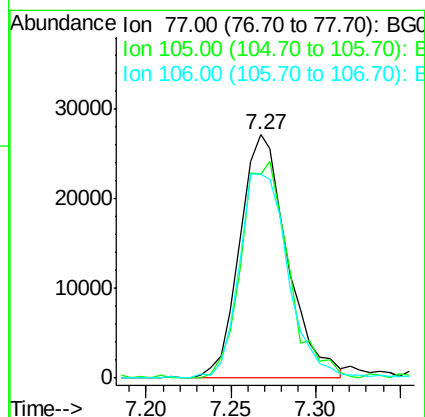
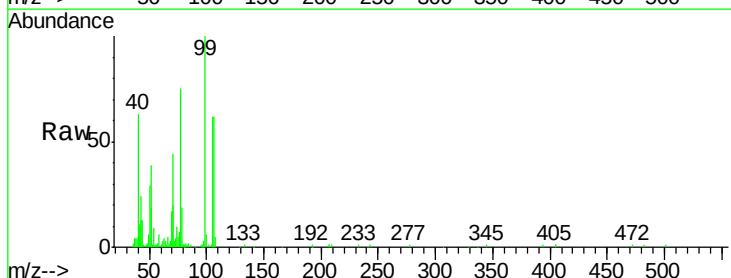
RT: 7.27 min Scan# 754

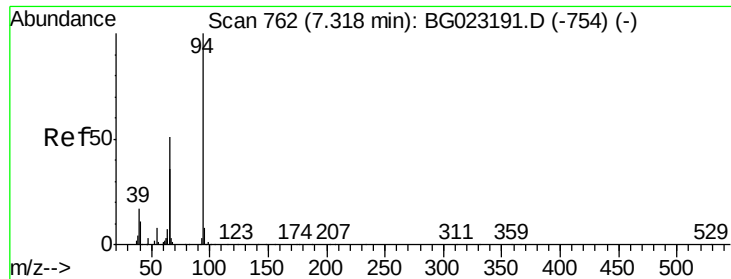
Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
77	100		
105	83.5	83.8	125.8#
106	83.5	77.9	116.9





#6

Phenol

Concen: 5.45 ng/ul

RT: 7.31 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampled :

MDL-05-W

Tgt Ion: 94 Resp: 67855

Ion Ratio Lower Upper

94 100

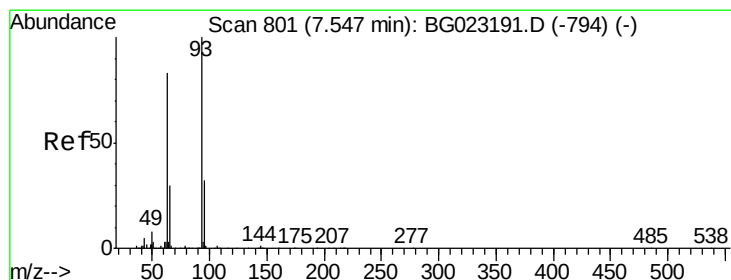
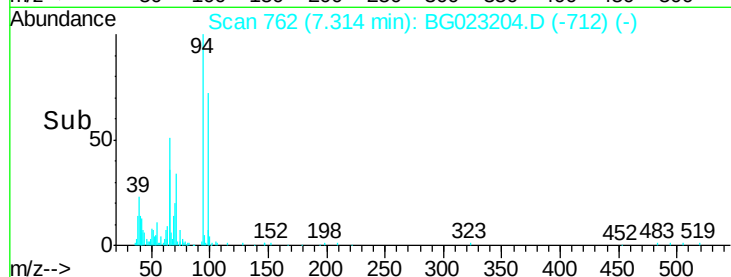
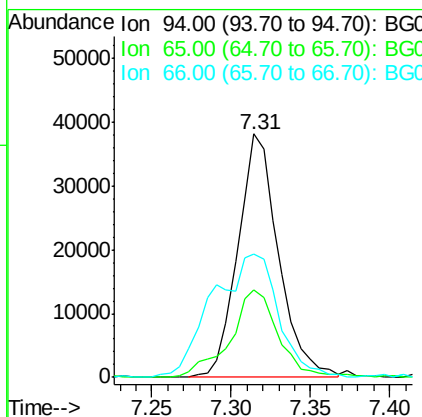
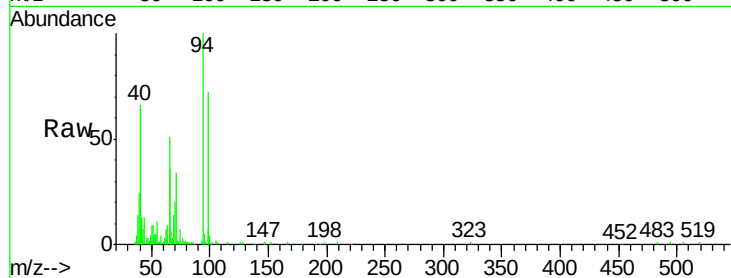
65 36.1 16.8 25.2#

66 50.6 22.6 33.8#

Manual Integrations

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#8

Bis(2-Chloroethyl)ether

Concen: 5.93 ng/ul

RT: 7.55 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

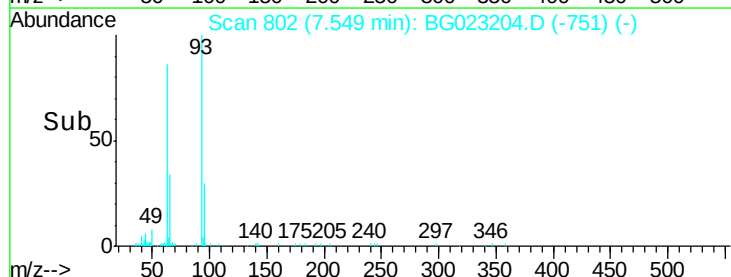
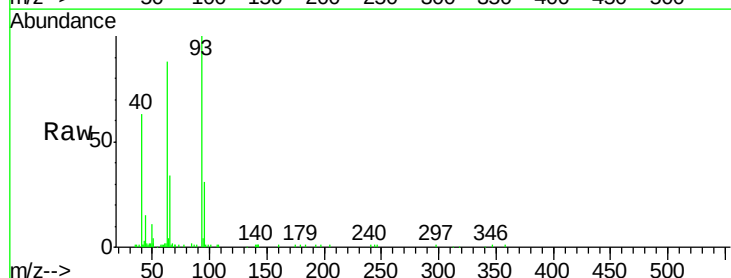
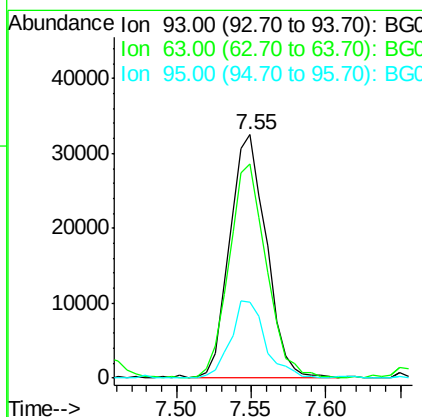
Tgt Ion: 93 Resp: 55573

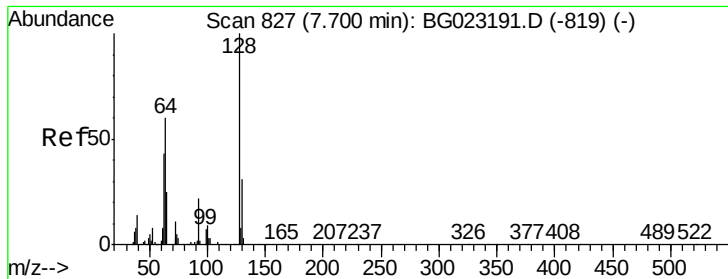
Ion Ratio Lower Upper

93 100

63 87.8 56.0 84.0#

95 31.2 27.7 41.5





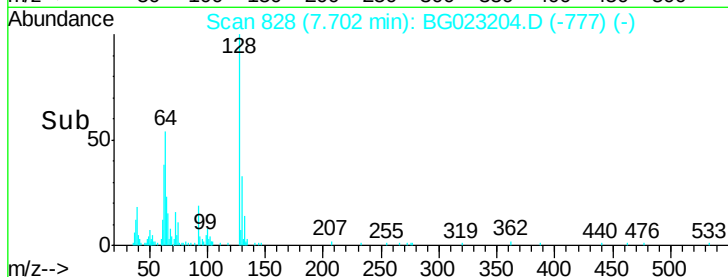
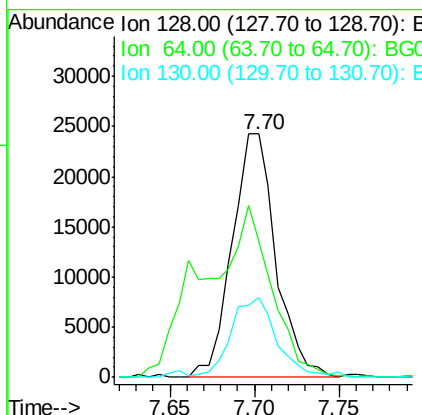
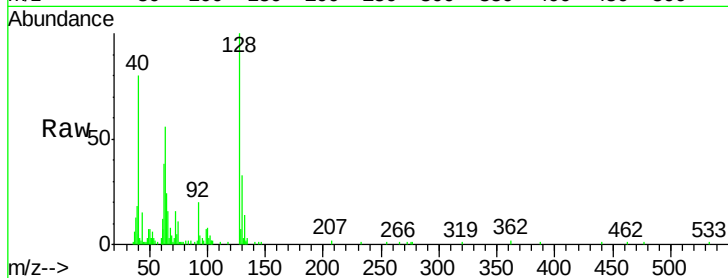
#10
2-Chlorophenol
Concen: 5.30 ng/ul
RT: 7.70 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
128	100		
64	56.1	34.2	51.4#
130	32.8	27.0	40.4

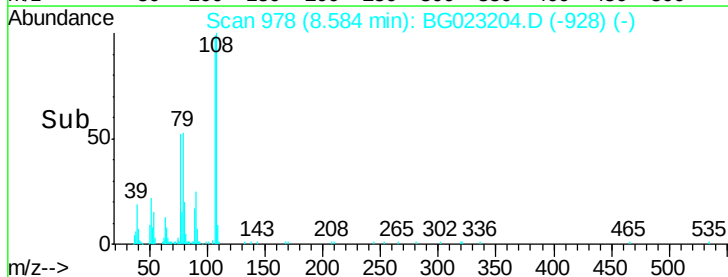
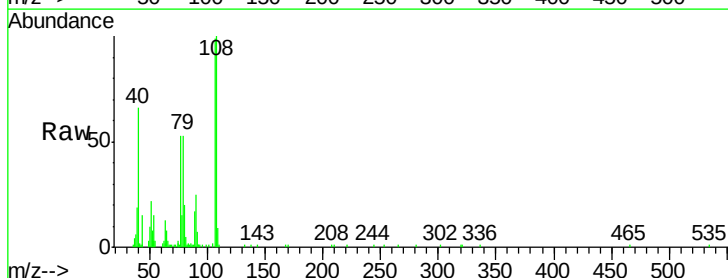
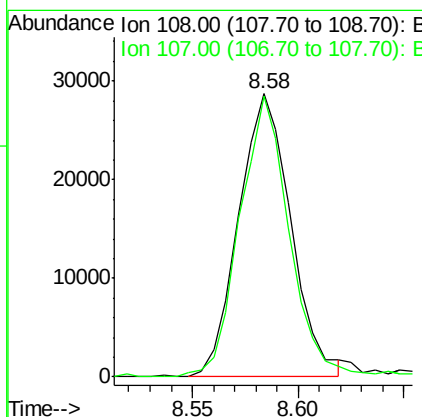
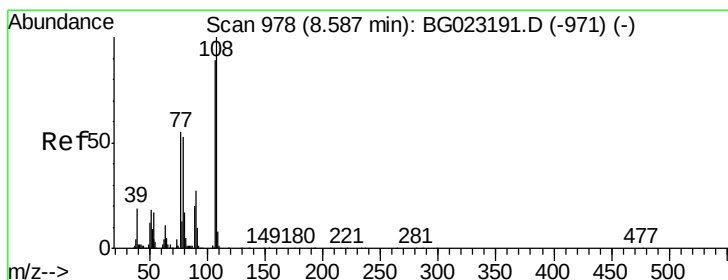
Manual Integrations

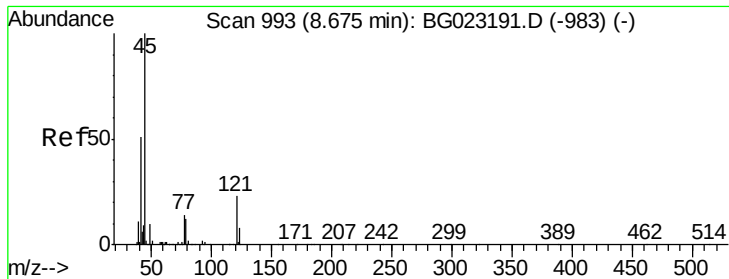
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#11
2-Methylphenol
Concen: 5.35 ng/ul
RT: 8.58 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
108	100		
107	99.0	78.6	117.8





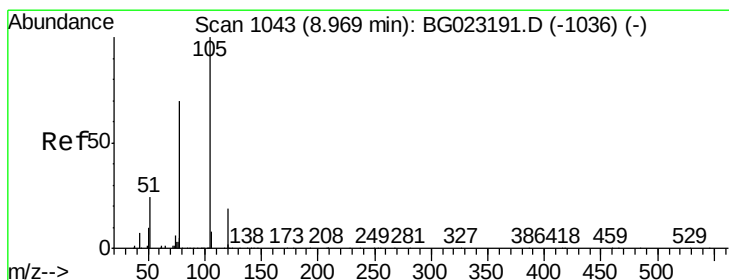
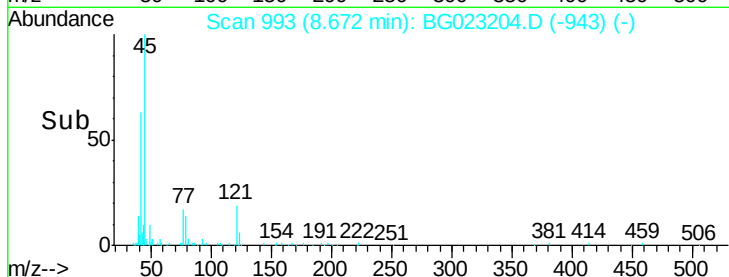
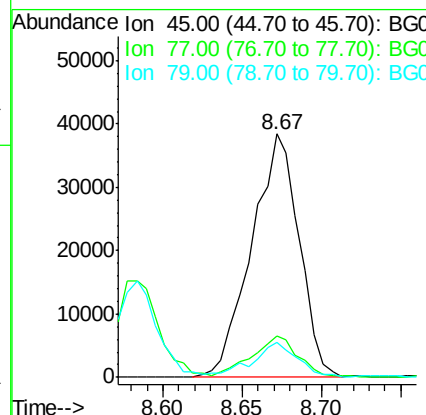
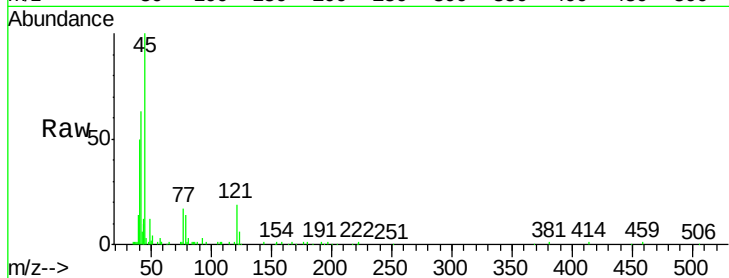
#12
2,2'-oxybis(1-Chloropropane)
Concen: 6.32 ng/ul
RT: 8.67 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.9	13.4	20.2
79	14.3	10.2	15.4

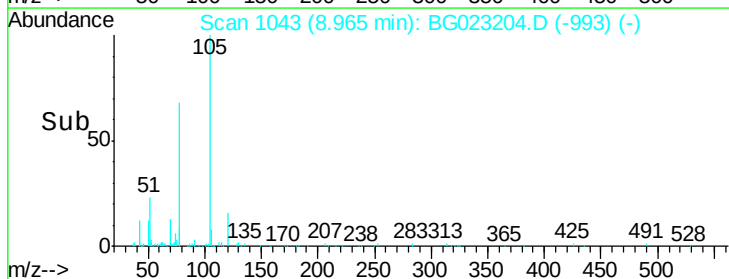
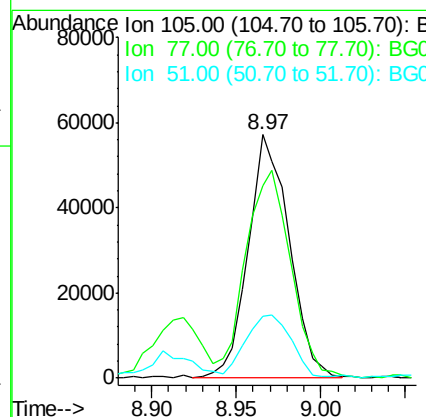
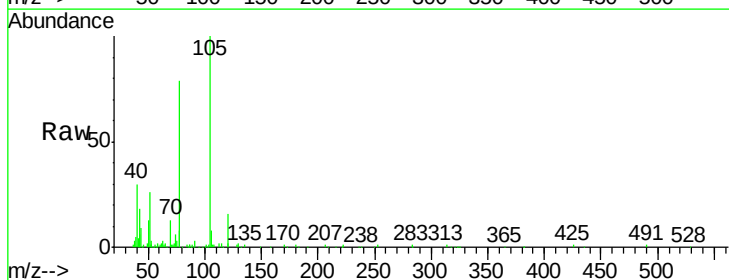
Manual Integrations

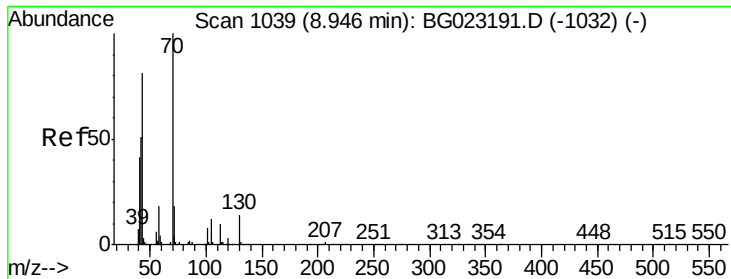
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#14
Acetophenone
Concen: 5.96 ng/ul
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
105	100		
77	79.0	56.1	84.1
51	25.6	14.6	22.0





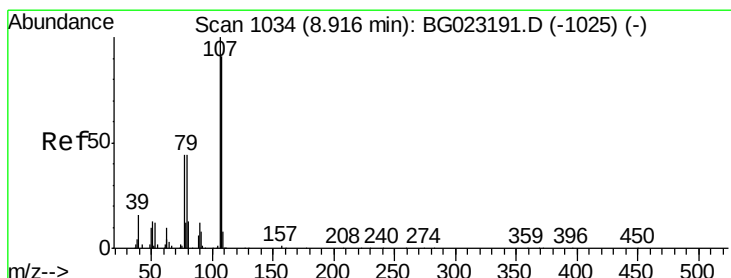
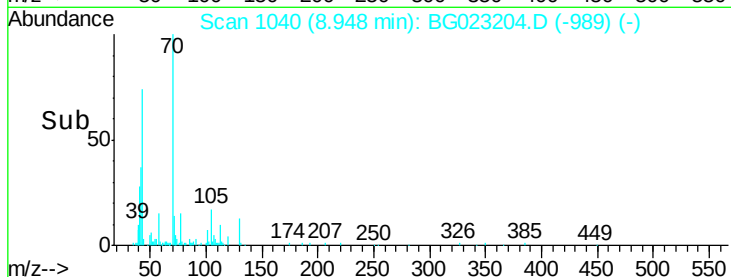
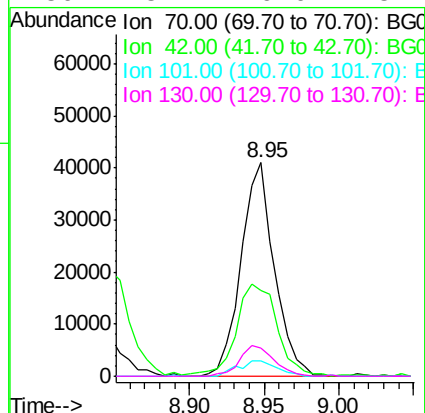
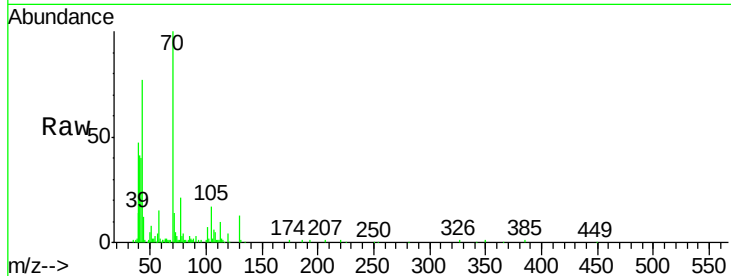
#15
N-Nitroso-di-n-propylamine
Concen: 5.92 ng/ul
RT: 8.95 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
70	100		
42	39.9	31.4	47.2
101	7.0	8.6	13.0
130	13.4	19.0	28.4

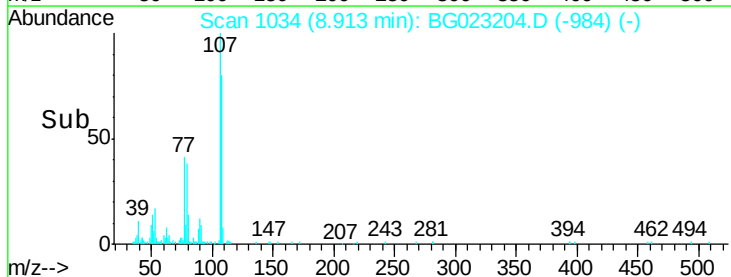
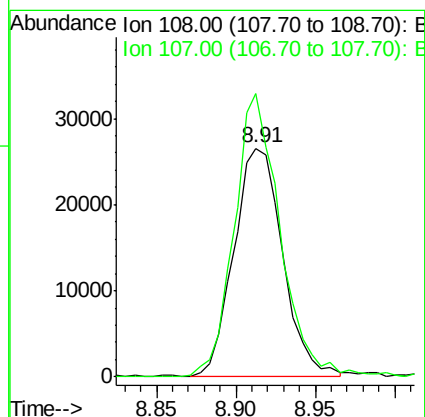
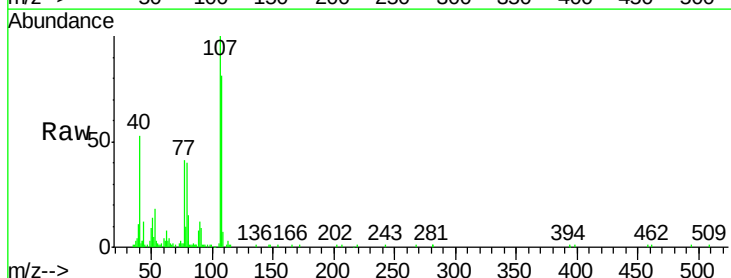
Manual Integrations

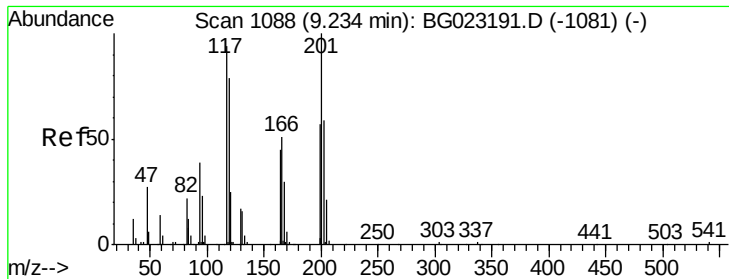
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#16
4-Methylphenol
Concen: 5.54 ng/ul
RT: 8.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
108	100		
107	123.9	88.3	132.5





#17

Hexachloroethane

Concen: 5.68 ng/ul

RT: 9.24 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

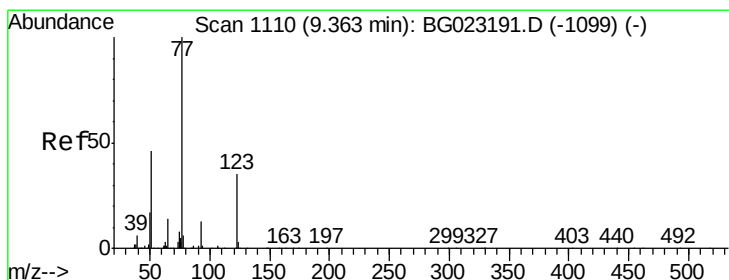
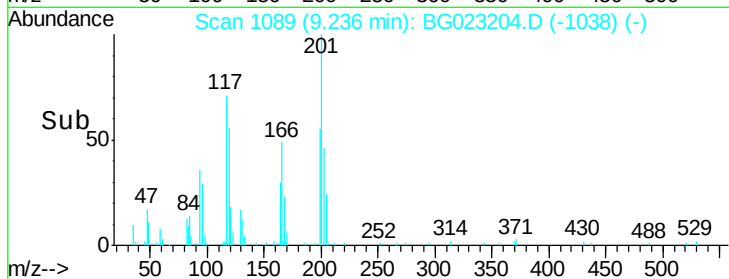
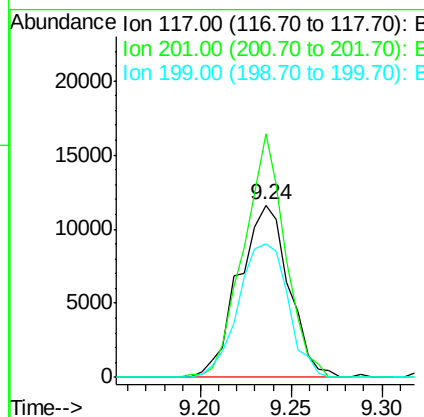
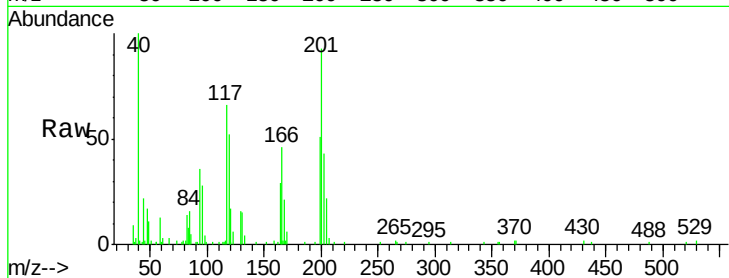
MDL-05-W

Tgt Ion: 117 Resp: 22228
 Ion Ratio Lower Upper
 117 100
 201 141.3 76.8 115.2#
 199 77.8 43.5 65.3#

Manual Integrations

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#20

Nitrobenzene

Concen: 5.70 ng/ul

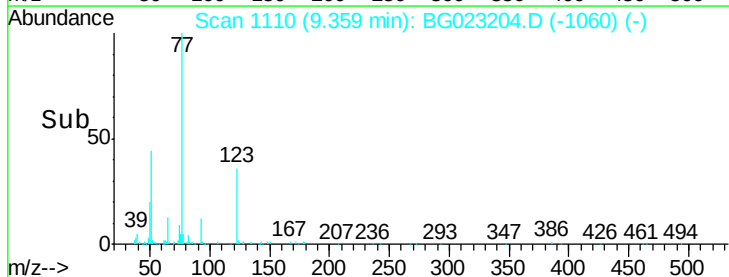
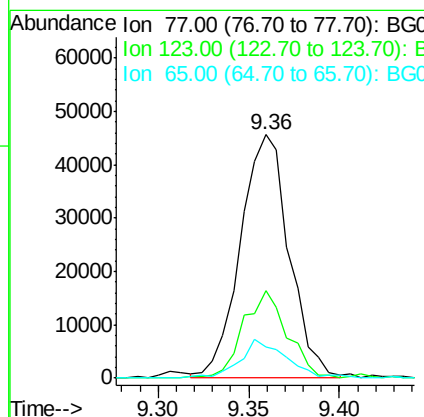
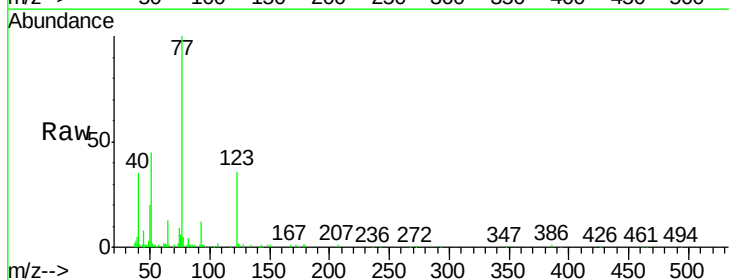
RT: 9.36 min Scan# 1110

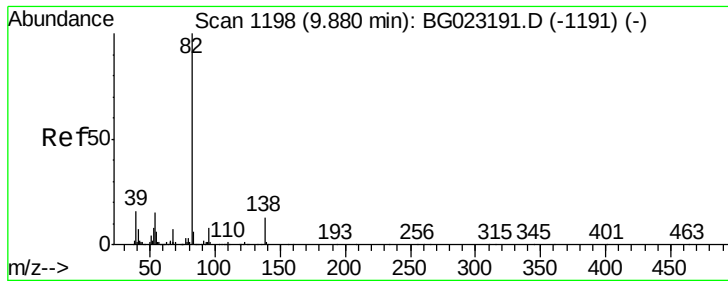
Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion: 77 Resp: 85271
 Ion Ratio Lower Upper
 77 100
 123 35.8 39.5 59.3#
 65 12.9 9.0 13.4





#21

Isophorone

Concen: 5.78 ng/ul

RT: 9.88 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

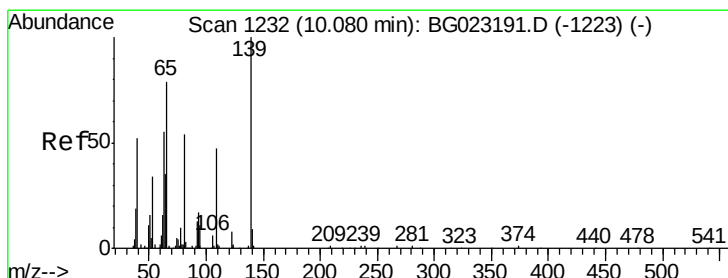
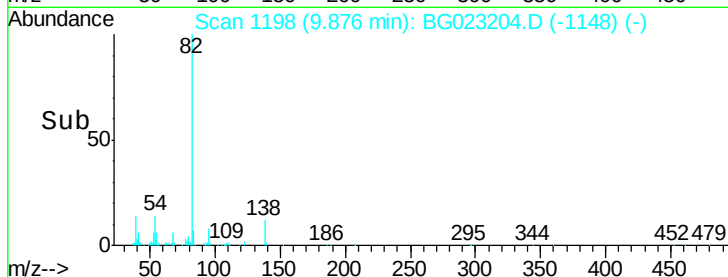
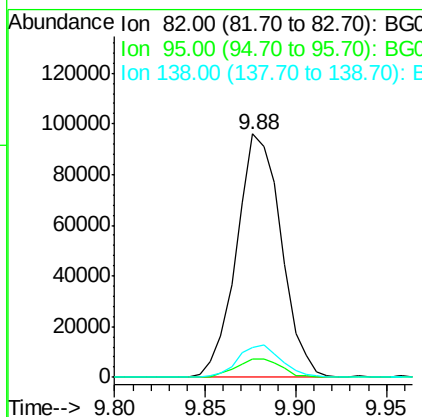
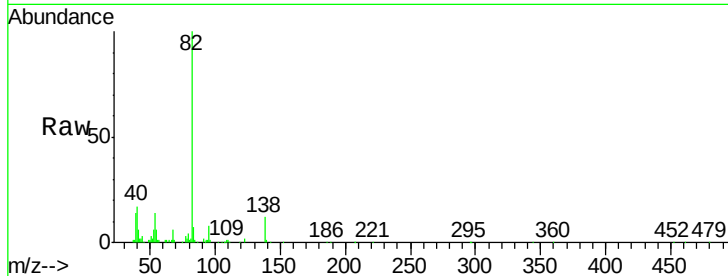
MDL-05-W

Tgt Ion:	82	Resp:	164861
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.1	7.7
138	12.1	15.0	22.6#

Manual Integrations

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#23

2-Nitrophenol

Concen: 5.42 ng/ul

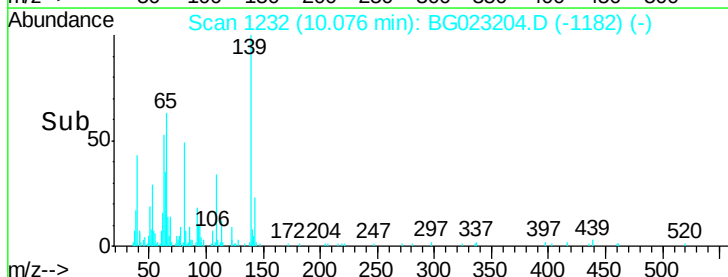
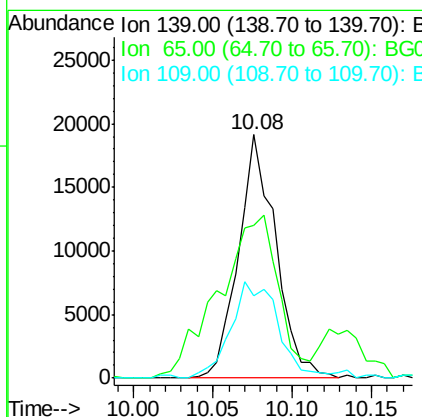
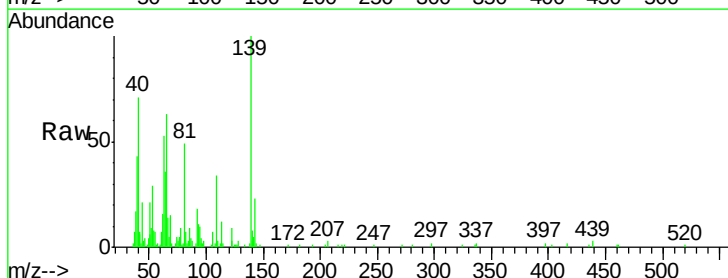
RT: 10.08 min Scan# 1232

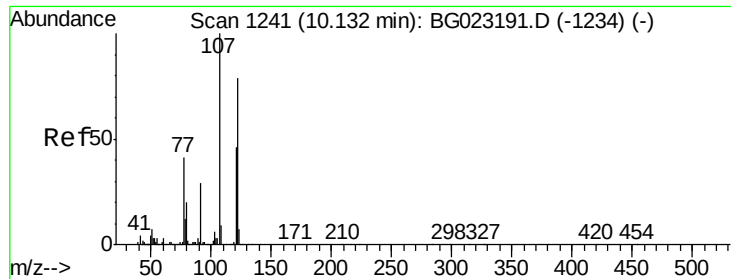
Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion:	139	Resp:	31315
Ion Ratio	Lower	Upper	
139	100		
65	62.8	31.8	47.8#
109	33.9	17.1	25.7#





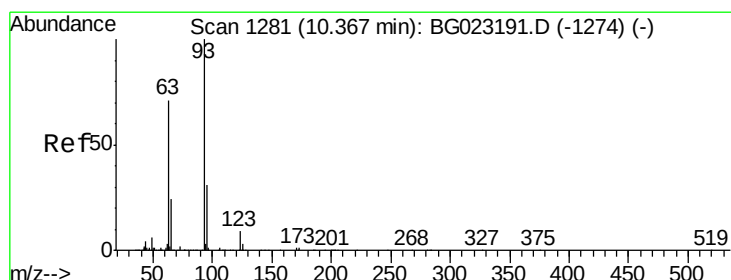
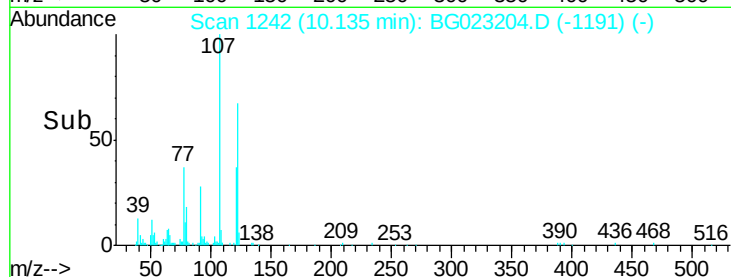
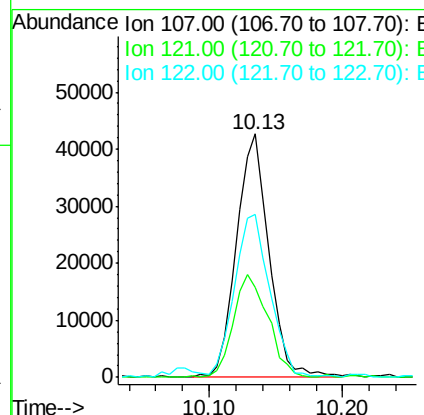
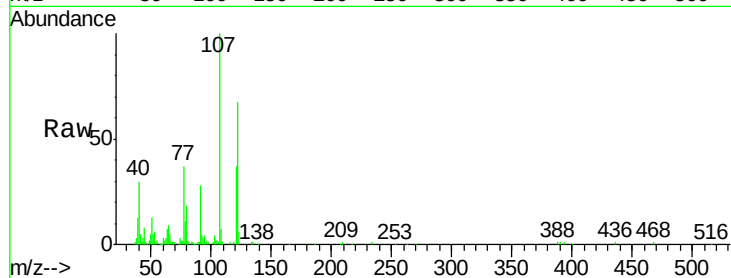
#24
 2,4-Dimethylphenol
 Concen: 5.45 ng/ul
 RT: 10.13 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

Instrument :
 BNA_G
 ClientSampled :
 MDL-05-W

Tgt Ion: 107 Resp: 72243
 Ion Ratio Lower Upper
 107 100
 121 36.9 43.7 65.5#
 122 67.0 70.3 105.5#

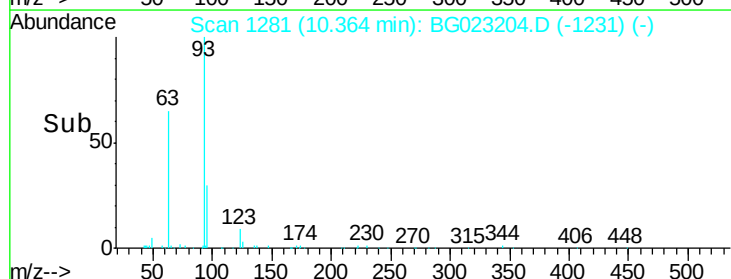
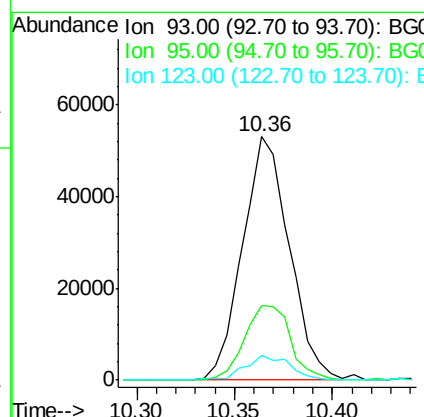
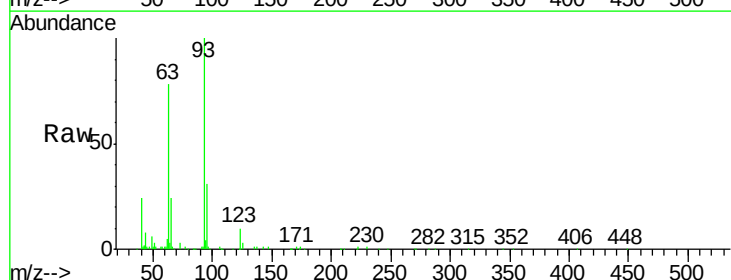
Manual Integrations

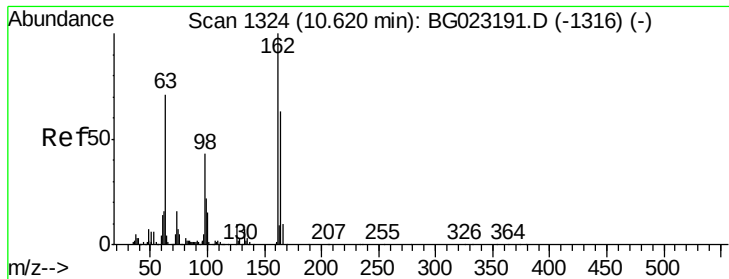
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 5.57 ng/ul
 RT: 10.36 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

Tgt Ion: 93 Resp: 87844
 Ion Ratio Lower Upper
 93 100
 95 30.7 26.0 39.0
 123 10.0 10.1 15.1#





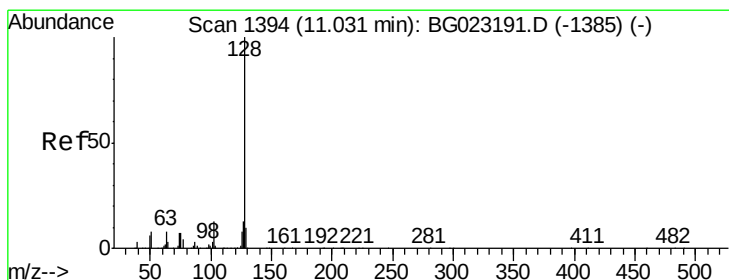
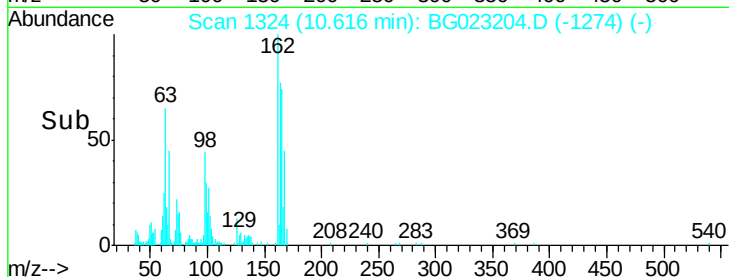
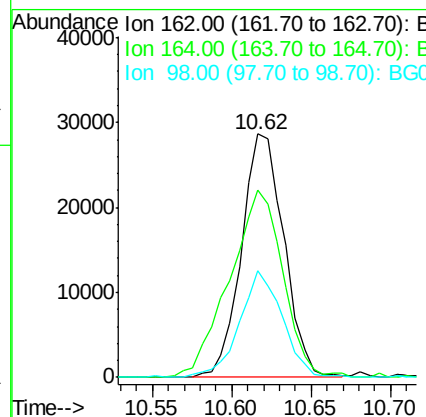
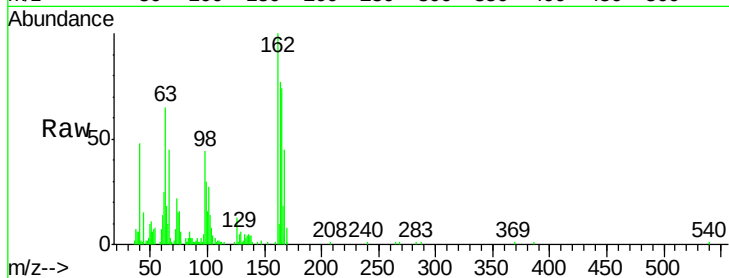
#27
 2,4-Dichlorophenol
 Concen: 5.29 ng/ul
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-W

Tgt Ion	Ratio	Lower	Upper
162	100		
164	77.2	51.6	77.4
98	43.8	28.3	42.5

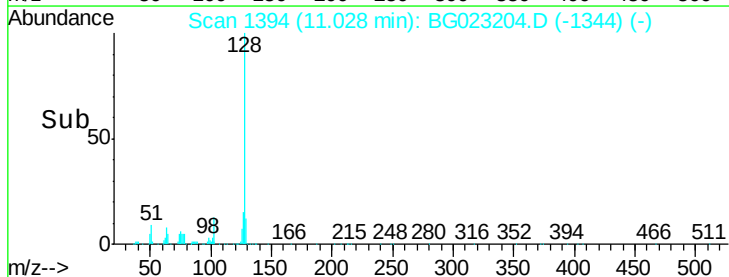
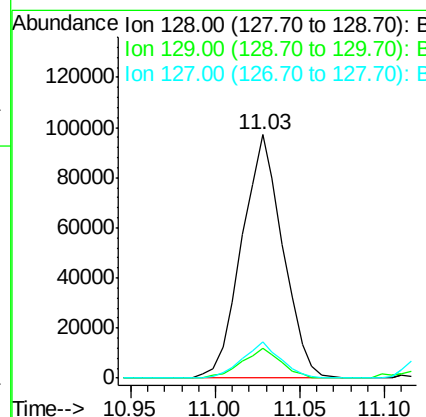
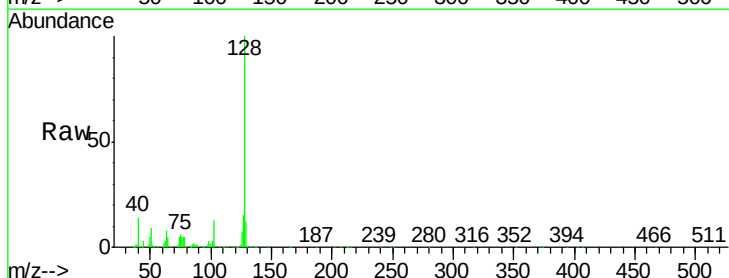
Manual Integrations

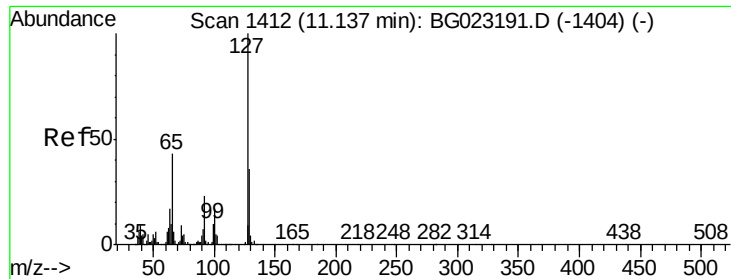
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#28
 Naphthalene
 Concen: 5.64 ng/ul
 RT: 11.03 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.2
127	14.9	11.2	16.8





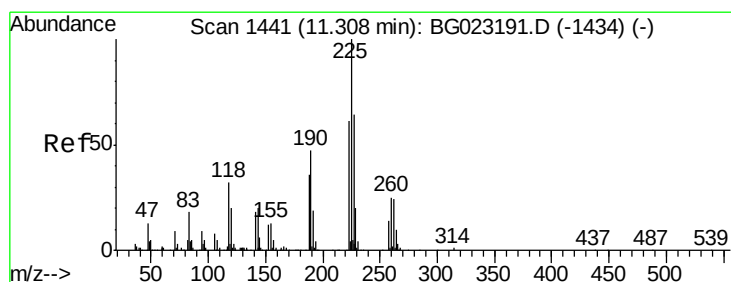
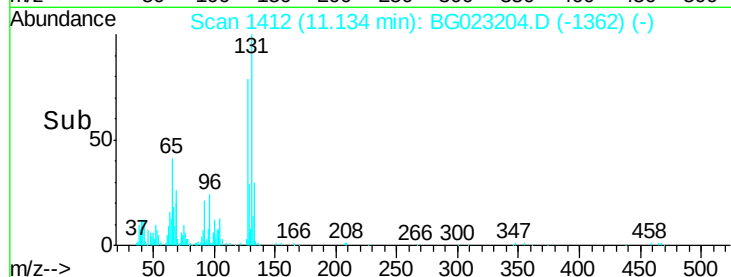
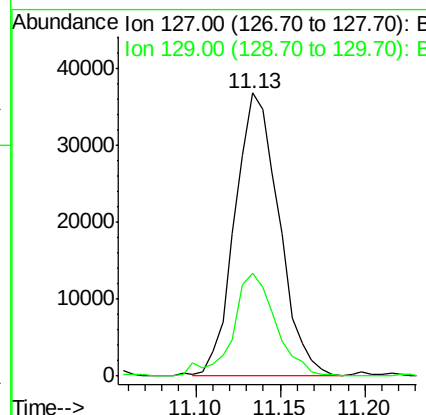
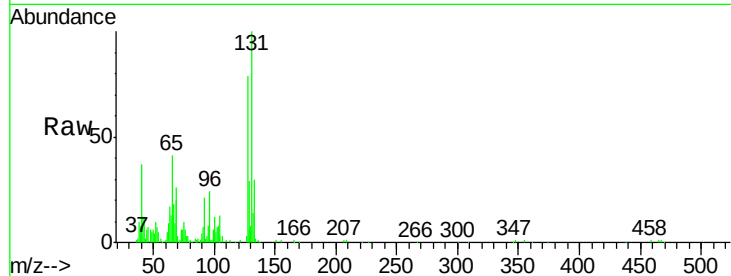
#30
4-Chloroaniline
Concen: 6.14 ng/ul
RT: 11.13 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
127	100		
129	36.6	26.9	40.3

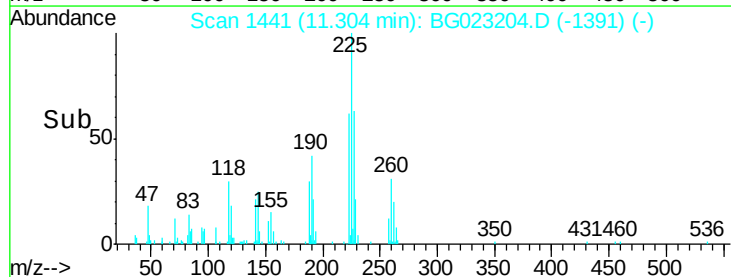
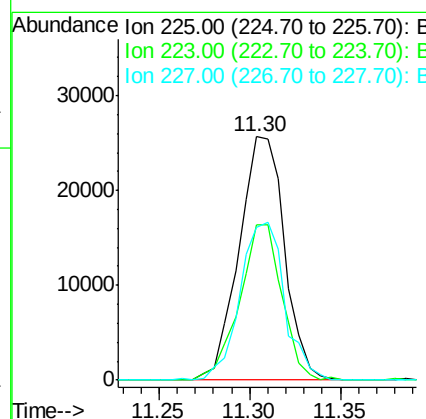
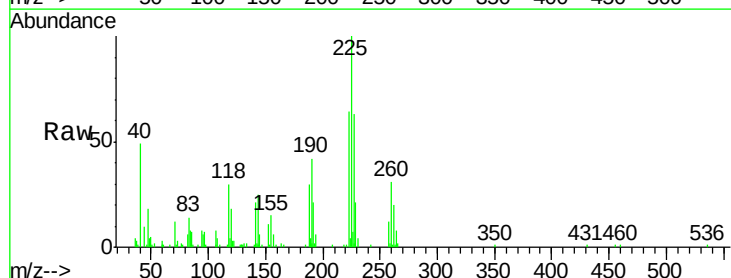
Manual Integrations

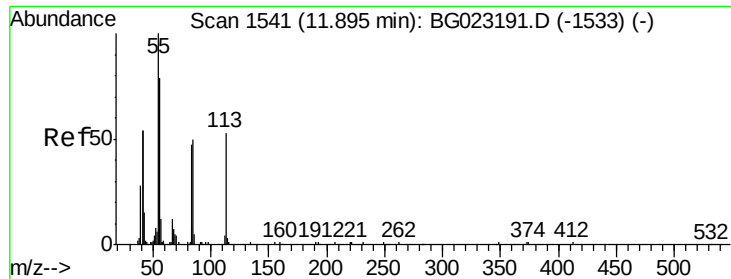
sohil
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#31
Hexachlorobutadiene
Concen: 5.54 ng/ul
RT: 11.30 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.6	54.7	82.1
227	60.9	52.2	78.4





#32

Caprolactam

Concen: 5.91 ng/ul m

RT: 11.92 min Scan# 1546

Delta R.T. 0.03 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

Tgt Ion:113 Resp: 24669

Ion Ratio Lower Upper

113 100

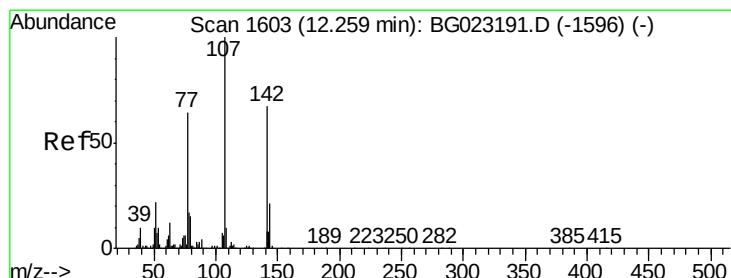
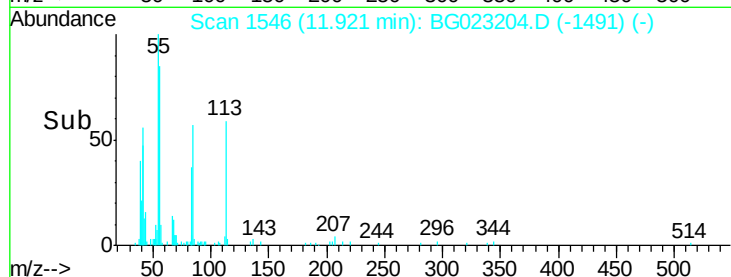
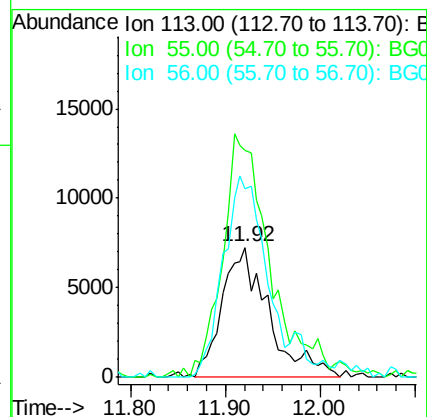
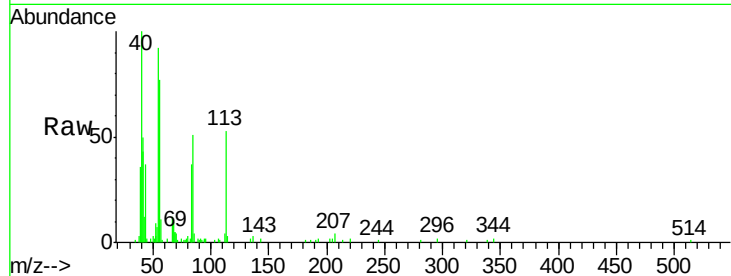
55 174.7 99.6 149.4#

56 145.4 66.4 99.6#

Manual Integrations

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#33

4-Chloro-3-methylphenol

Concen: 5.24 ng/ul

RT: 12.26 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

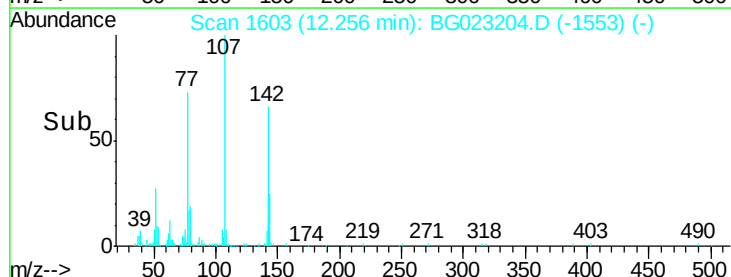
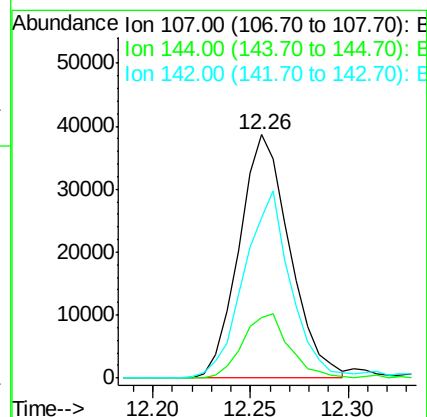
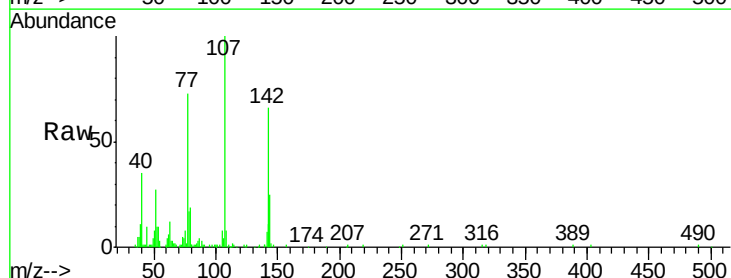
Tgt Ion:107 Resp: 69293

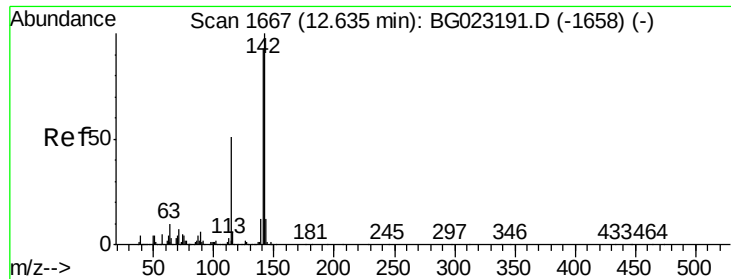
Ion Ratio Lower Upper

107 100

144 24.8 22.7 34.1

142 65.9 71.6 107.4#





#34

2-Methylnaphthalene

Concen: 5.62 ng/ul

RT: 12.64 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

Tgt Ion:142 Resp: 135383

Ion Ratio Lower Upper

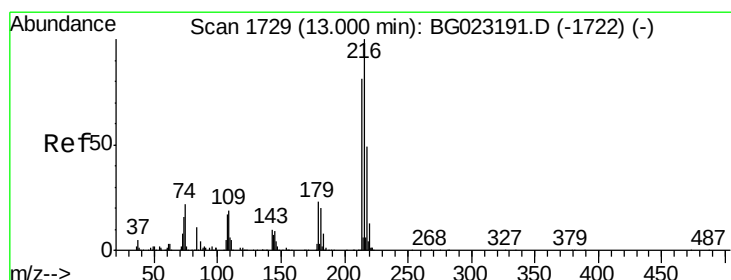
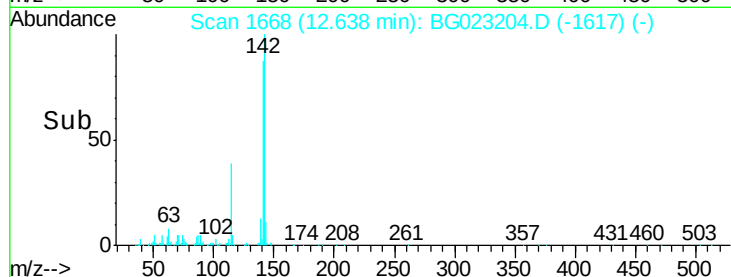
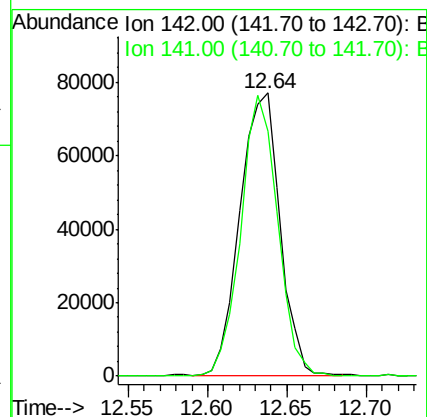
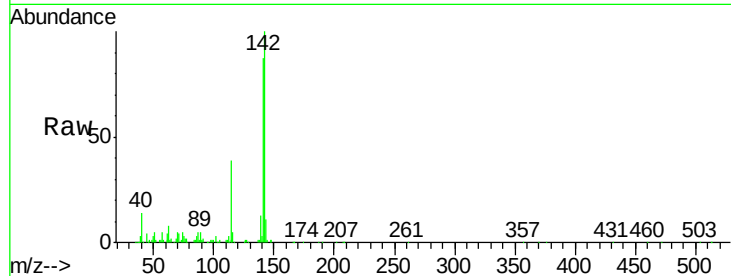
142 100

141 86.7 75.2 112.8

Manual Integrations

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#36

1,2,4,5-Tetrachlorobenzene

Concen: 5.70 ng/ul

RT: 13.00 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion:216 Resp: 81157

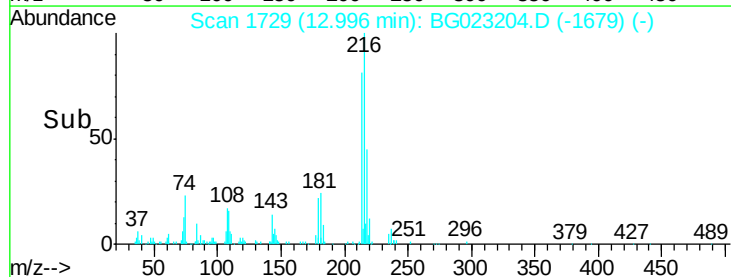
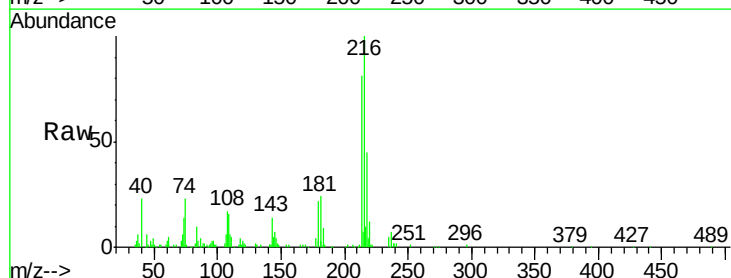
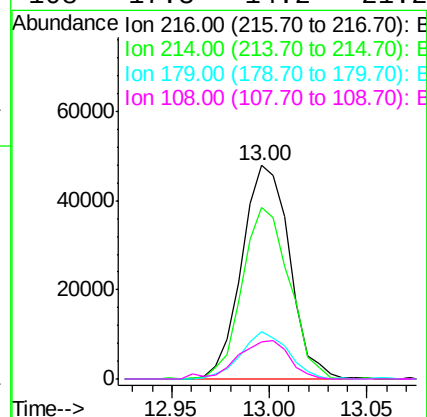
Ion Ratio Lower Upper

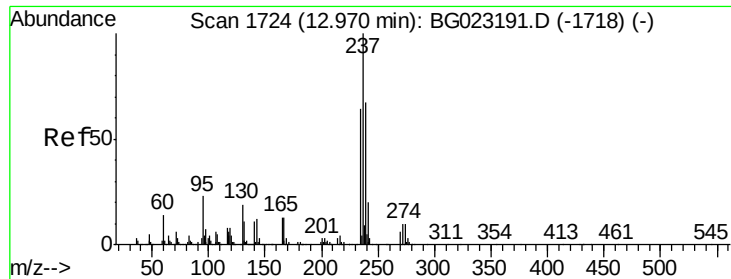
216 100

214 80.5 61.7 92.5

179 24.7 17.0 25.4

108 17.3 14.2 21.2





#37

Hexachlorocyclopentadiene

Concen: 4.75 ng/ul

RT: 12.97 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

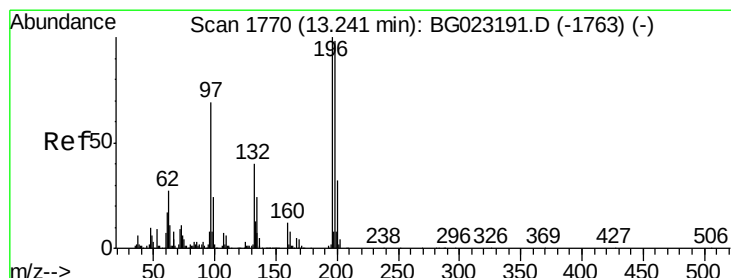
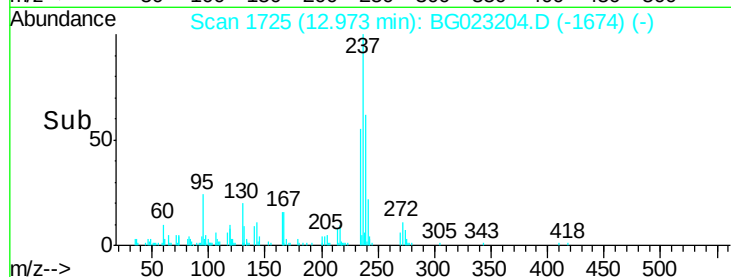
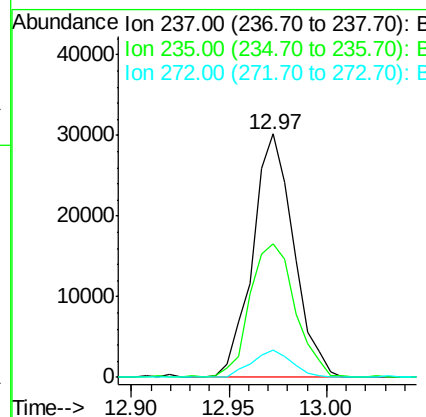
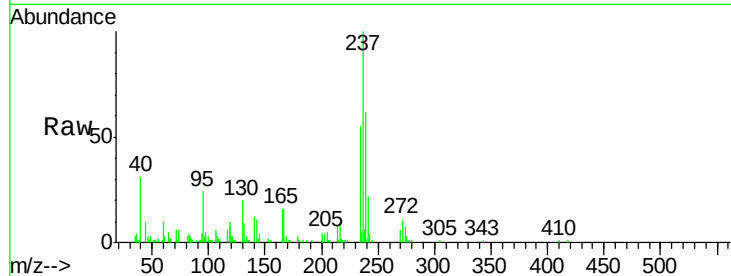
MDL-05-W

Tgt Ion:	237	Resp:	44039
Ion Ratio	Lower	Upper	
237	100		
235	59.8	49.6	74.4
272	11.4	9.3	13.9

Manual Integrations

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#38

2,4,6-Trichlorophenol

Concen: 5.24 ng/ul

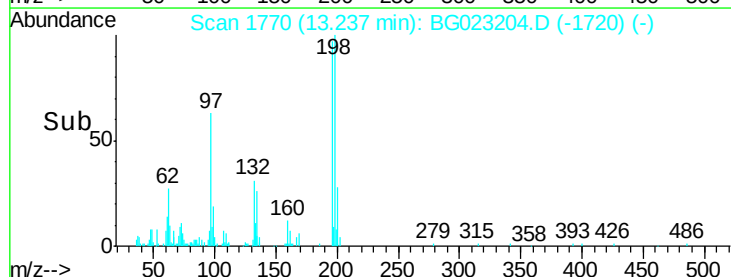
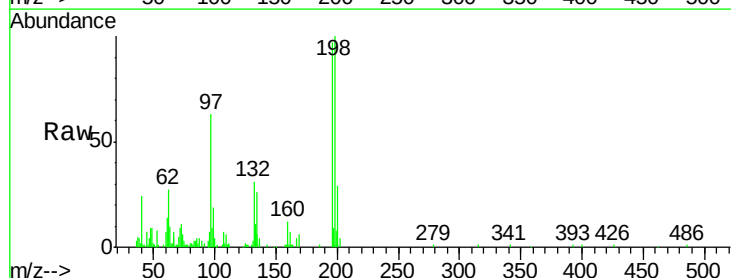
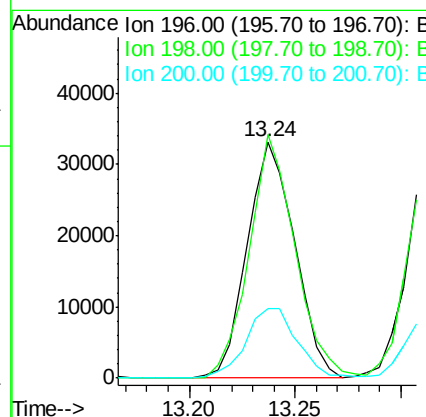
RT: 13.24 min Scan# 1770

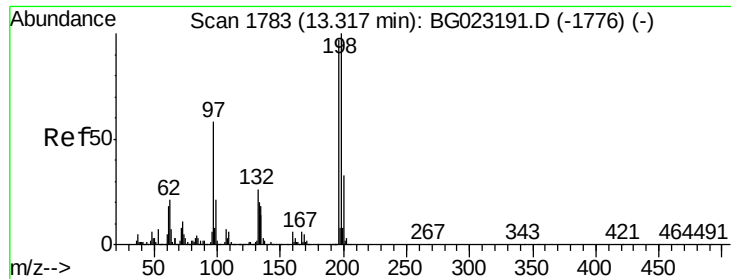
Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion:	196	Resp:	51643
Ion Ratio	Lower	Upper	
196	100		
198	103.1	77.4	116.0
200	29.7	26.6	39.8





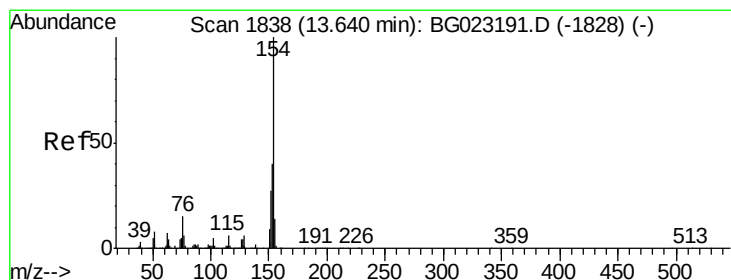
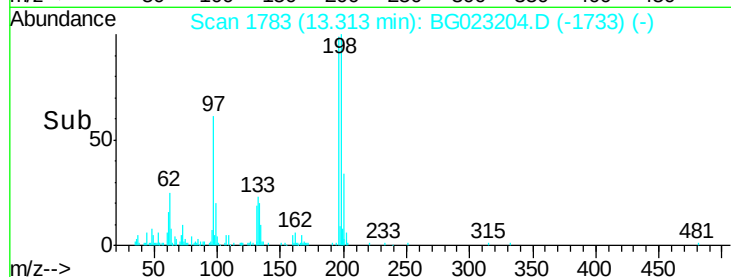
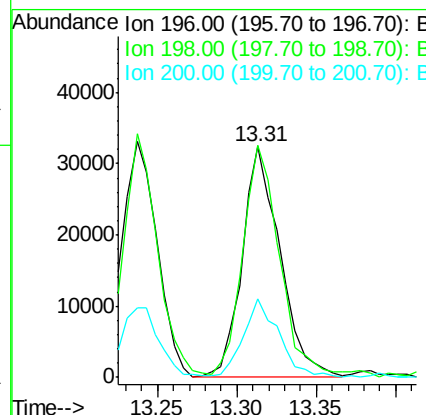
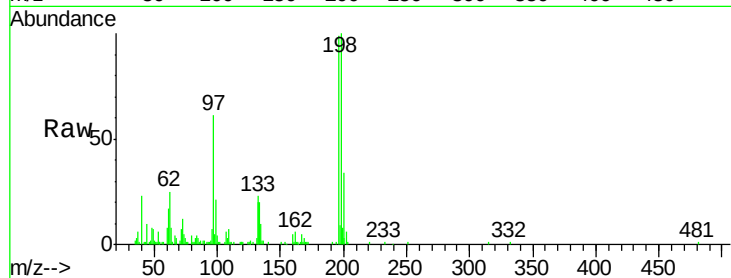
#39
 2,4,5-Trichlorophenol
 Concen: 5.36 ng/ul
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-W

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	53906		
198	100.9	79.8	119.8	
200	34.2	24.0	36.0	

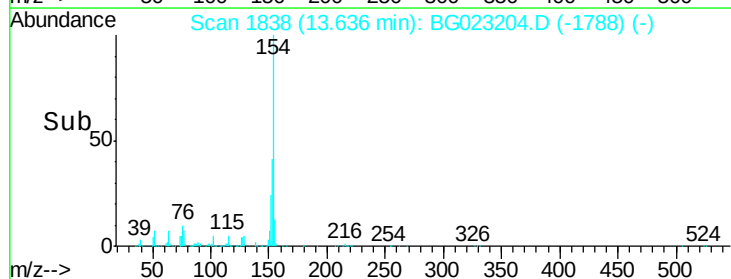
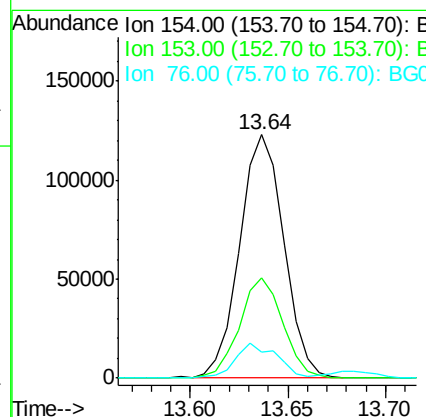
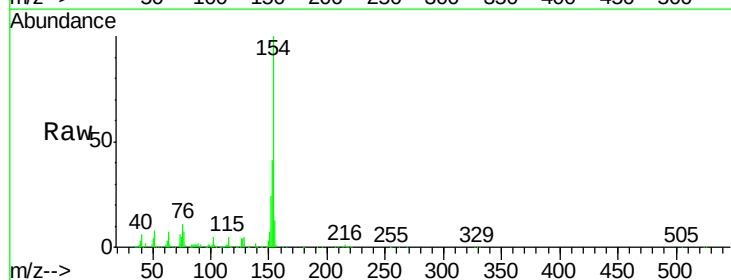
Manual Integrations

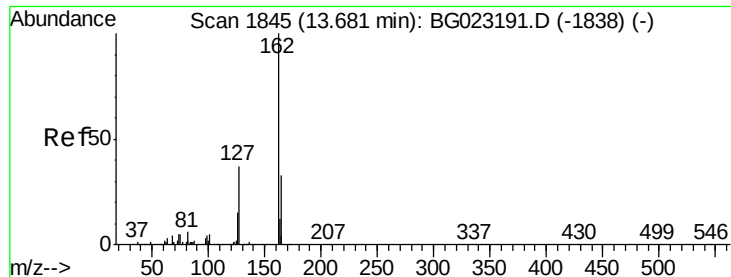
sohil
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#40
 1,1'-Biphenyl
 Concen: 6.02 ng/ul
 RT: 13.64 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	192553		
153	41.1	34.6	52.0	
76	10.6	11.9	17.9	





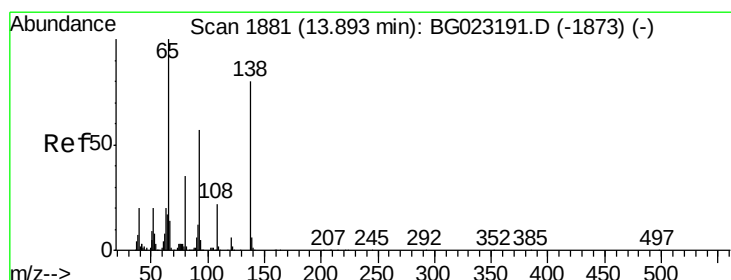
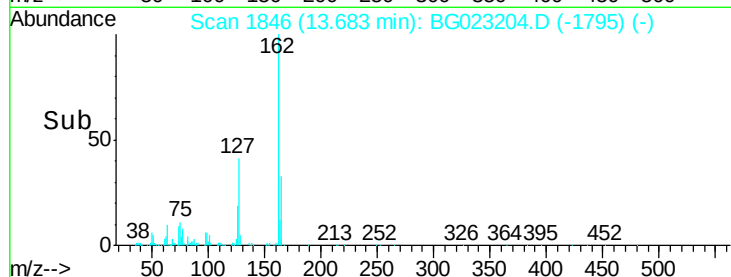
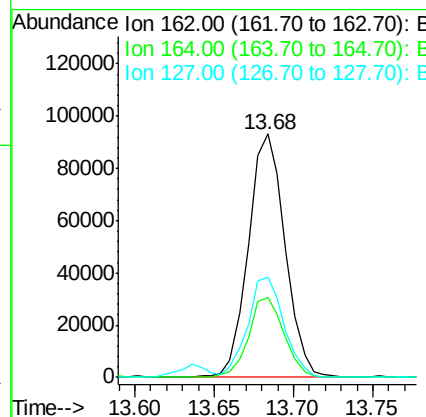
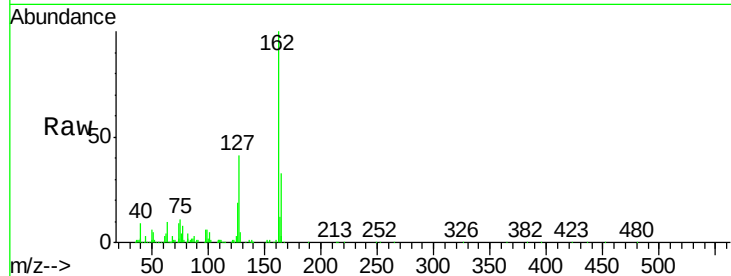
#41
2-Chloronaphthalene
Concen: 5.80 ng/ul
RT: 13.68 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.7	25.4	38.2
127	41.2	30.2	45.4

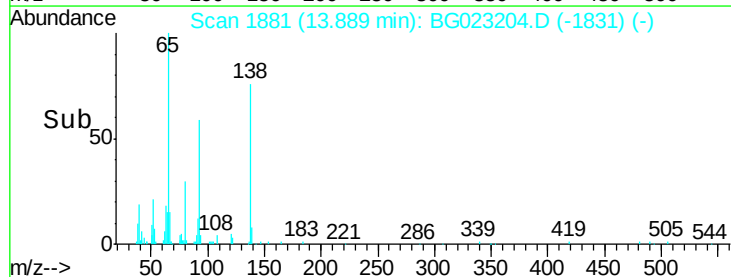
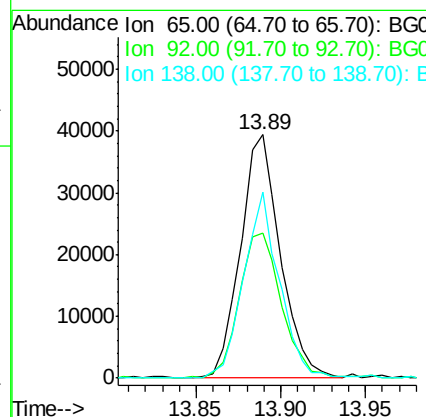
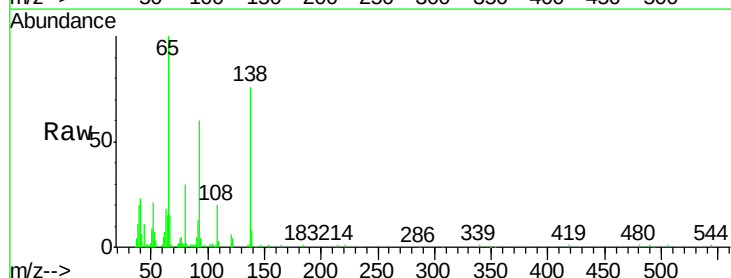
Manual Integrations

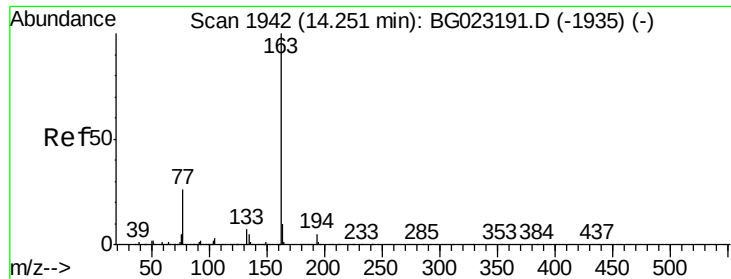
sohil
7/21/2016 1:51:15 PM



#42
2-Nitroaniline
Concen: 5.64 ng/ul
RT: 13.89 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.6	67.1	100.7#
138	76.3	109.6	164.4#





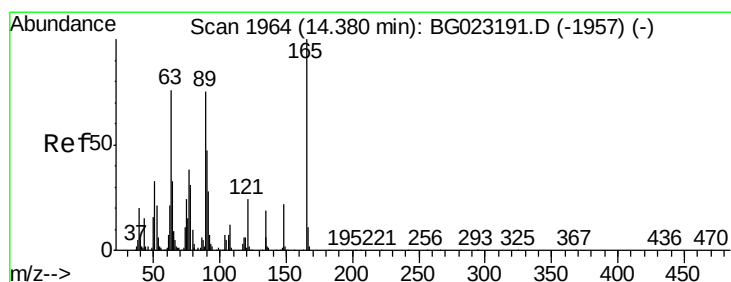
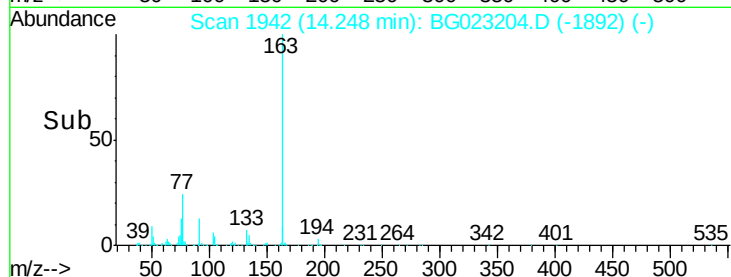
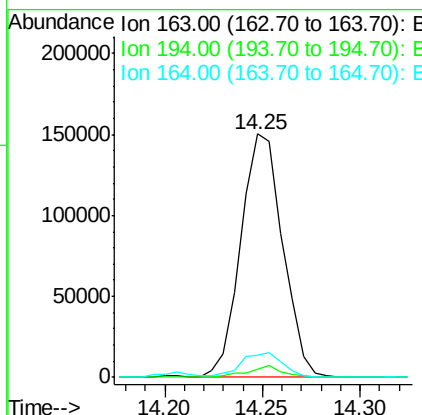
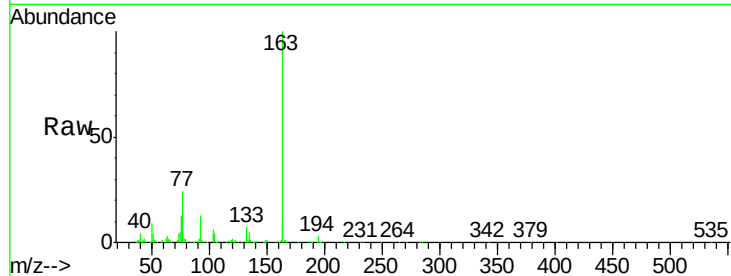
#44
Dimethylphthalate
Concen: 6.23 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.4	5.2#
164	8.9	8.8	13.2

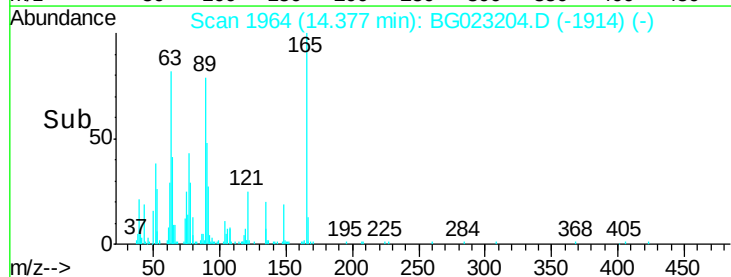
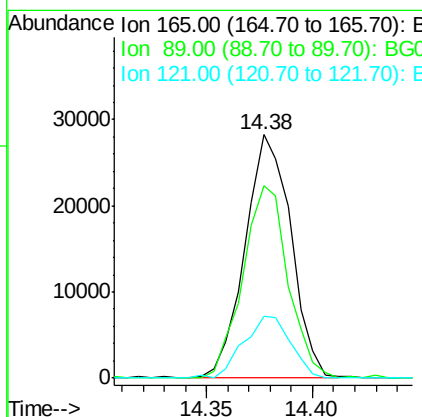
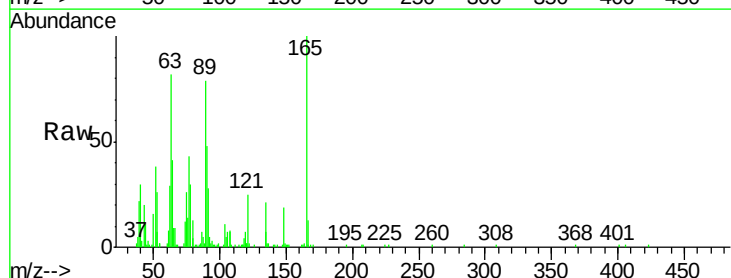
Manual Integrations

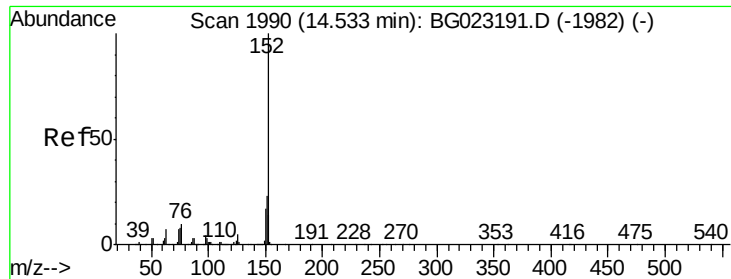
sohil
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#45
2,6-Dinitrotoluene
Concen: 5.48 ng/ul
RT: 14.38 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
165	100		
89	79.2	41.5	62.3#
121	25.4	17.0	25.4





#47

Acenaphthylene

Concen: 5.95 ng/ul

RT: 14.53 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG023204.D

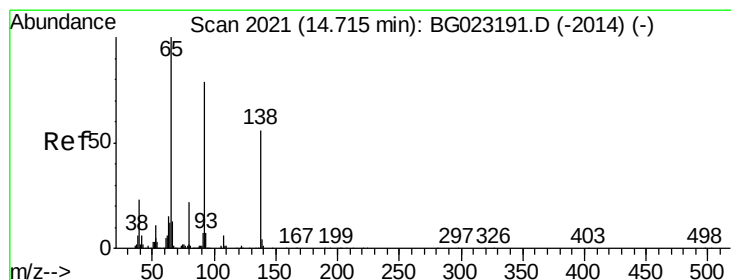
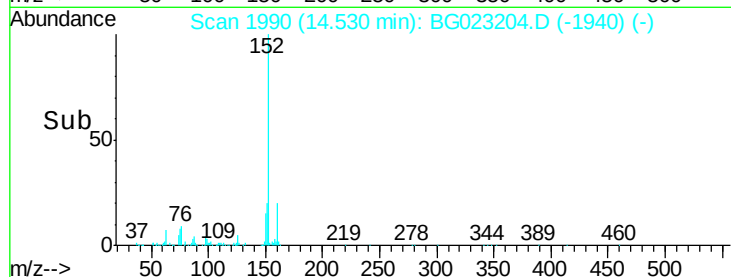
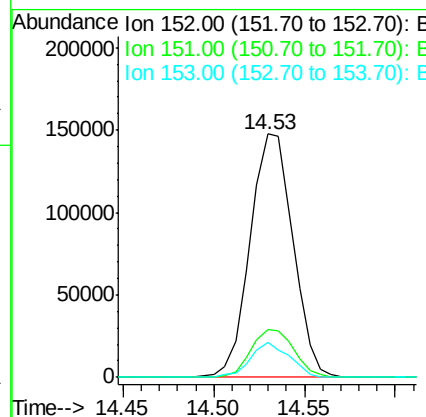
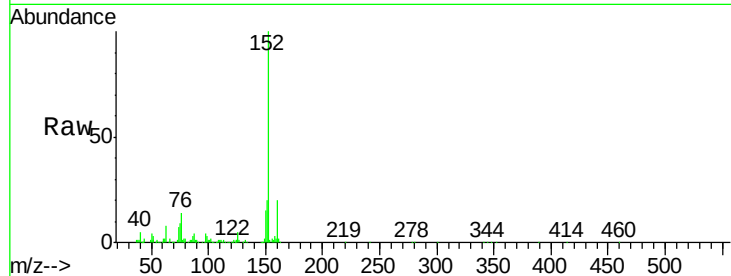
Acq: 21 Jul 2016 1:55

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	17.5	26.3
153	14.6	11.1	16.7

Manual Integrations

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#48

3-Nitroaniline

Concen: 6.38 ng/ul

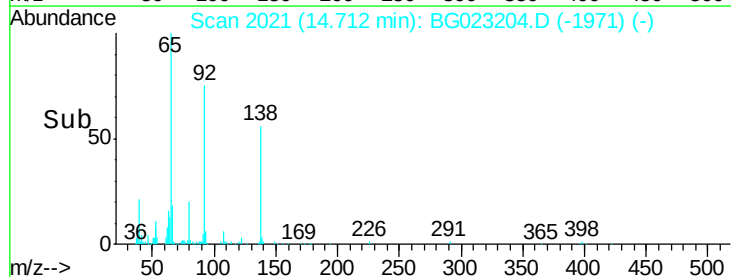
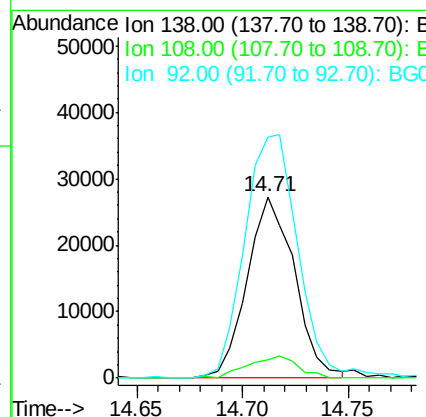
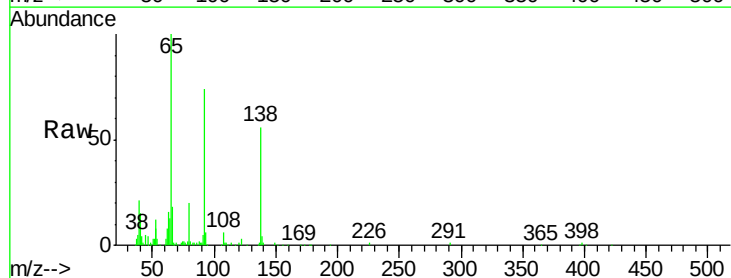
RT: 14.71 min Scan# 2021

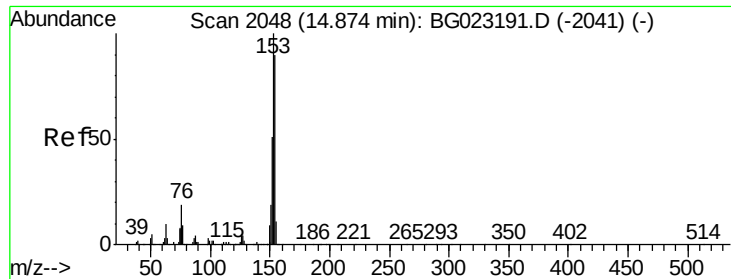
Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	6.2	9.2#
92	133.0	79.3	118.9#





#49

Acenaphthene

Concen: 5.84 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

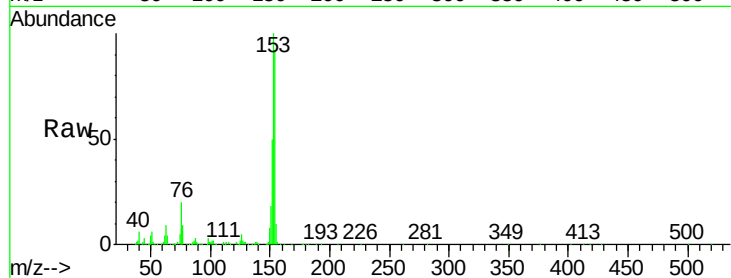
MDL-05-W

Tgt Ion:	153	Resp:	161337
Ion Ratio		Lower	Upper
153	100		
152	49.5	37.3	55.9
154	92.3	68.2	102.2

Manual Integrations

sohil

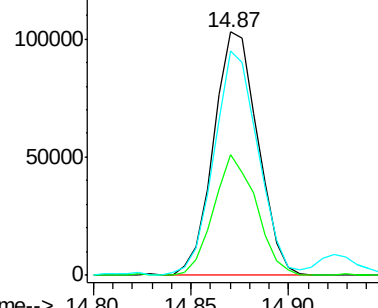
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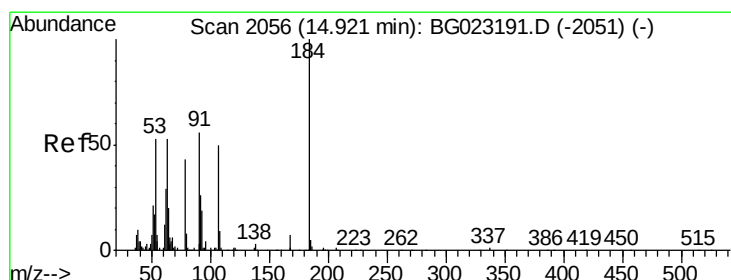
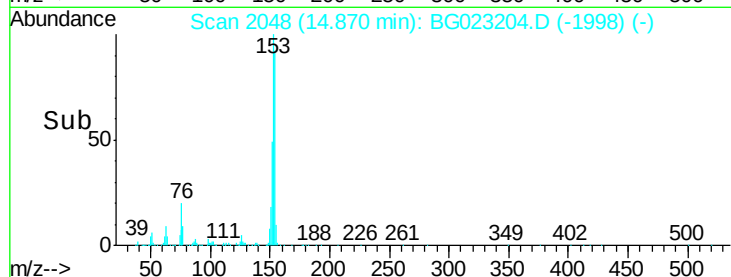
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time--> 14.80 14.85 14.90



#50

2,4-Dinitrophenol

Concen: 4.05 ng/ul m

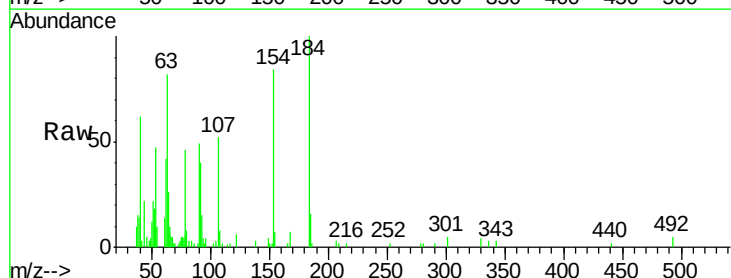
RT: 14.92 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

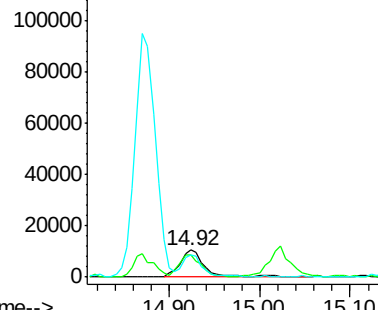
Tgt Ion:	184	Resp:	19792
Ion Ratio		Lower	Upper
184	100		
63	82.1	40.5	60.7#
154	83.6	48.5	72.7#



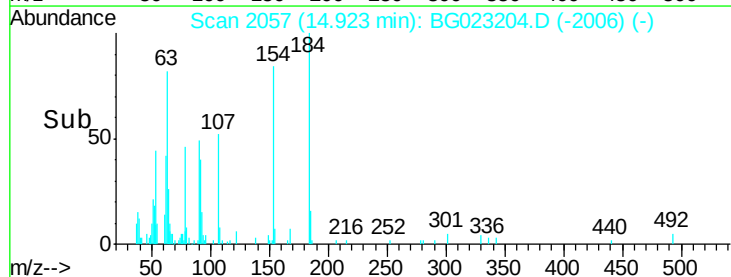
Abundance Ion 184.00 (183.70 to 184.70): E

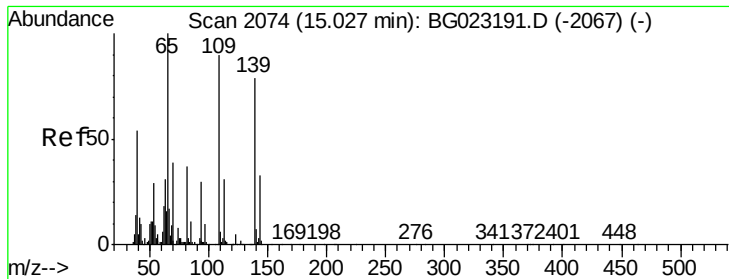
Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E



Time--> 14.90 15.00 15.10





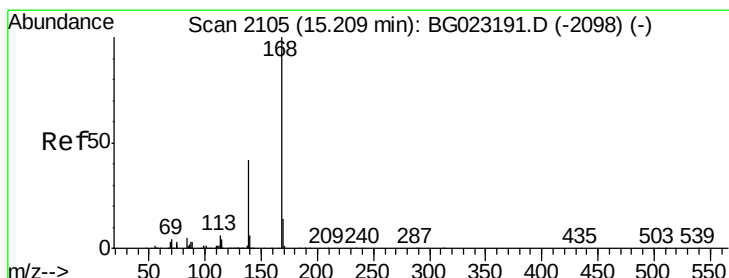
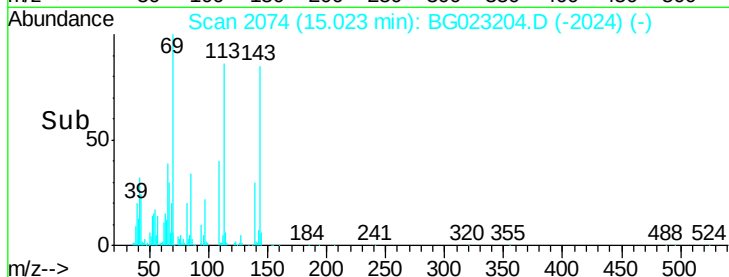
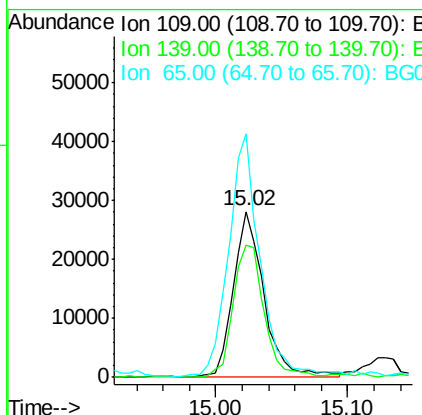
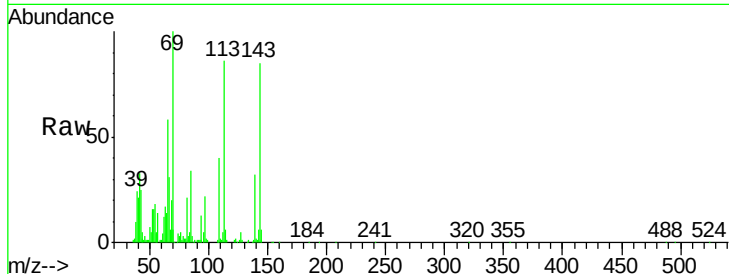
#52
4-Nitrophenol
Concen: 6.16 ng/ul m
RT: 15.02 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
109	100		
139	80.0	136.1	204.1#
65	147.0	106.0	159.0

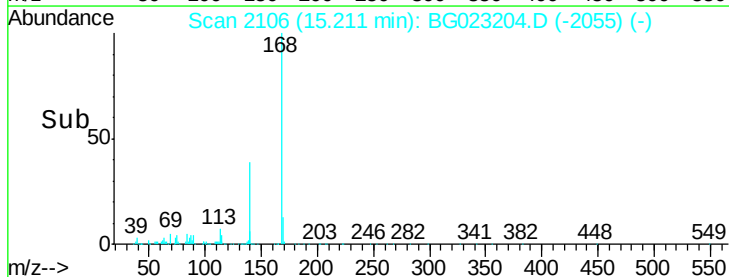
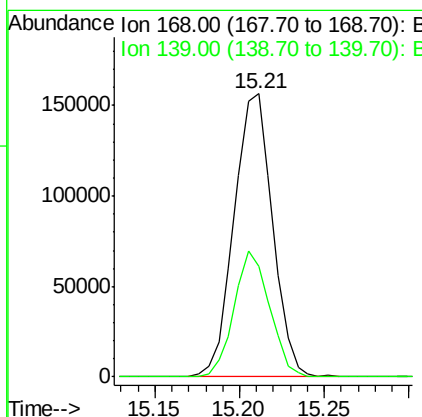
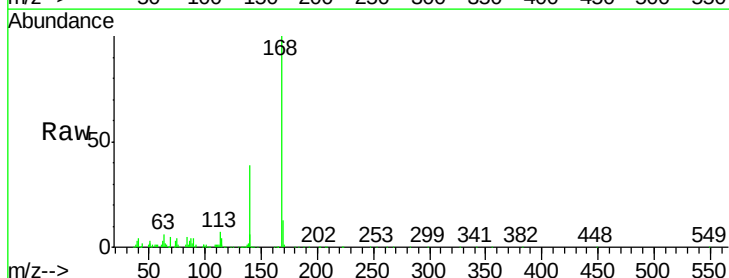
Manual Integrations

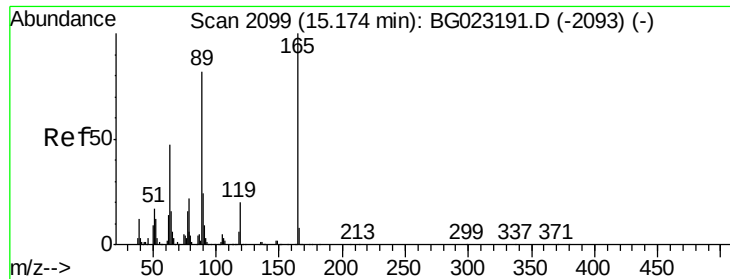
sohil
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#53
Dibenzofuran
Concen: 6.10 ng/ul
RT: 15.21 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	27.4	41.0





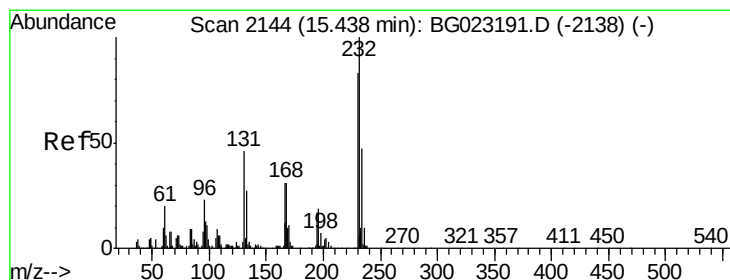
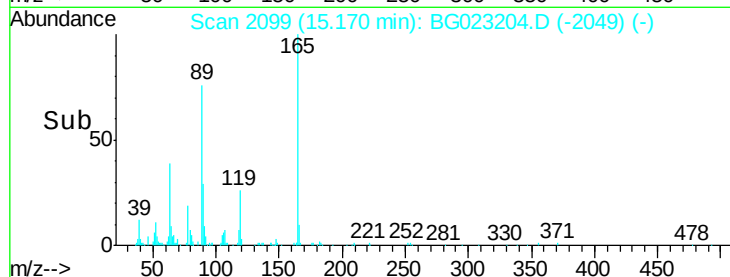
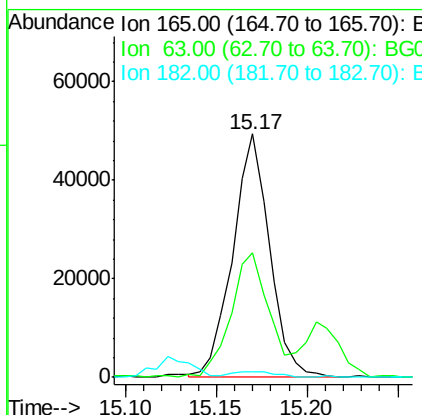
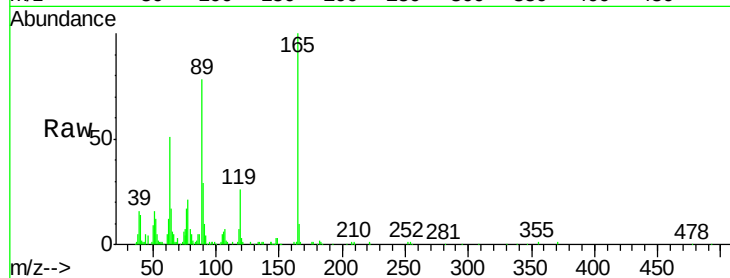
#54
 2,4-Dinitrotoluene
 Concen: 5.88 ng/ul
 RT: 15.17 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-W

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.1	25.7	38.5#
182	2.2	2.1	3.1

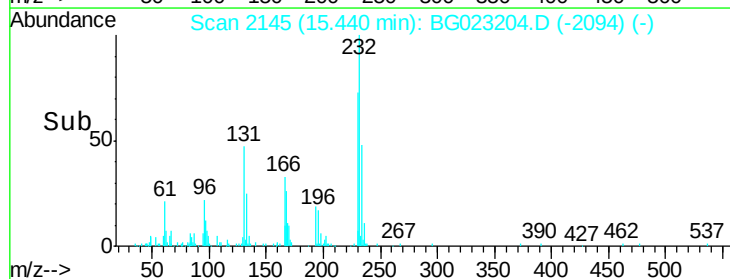
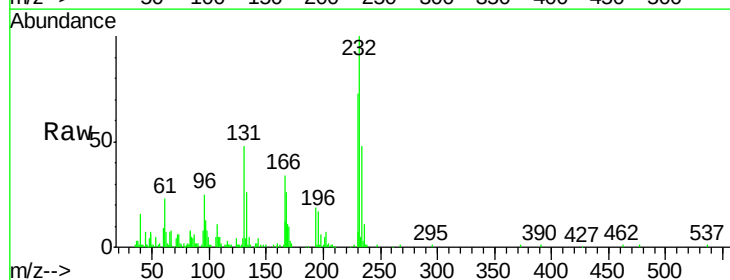
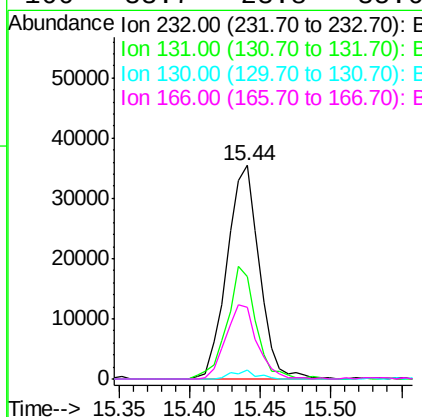
Manual Integrations

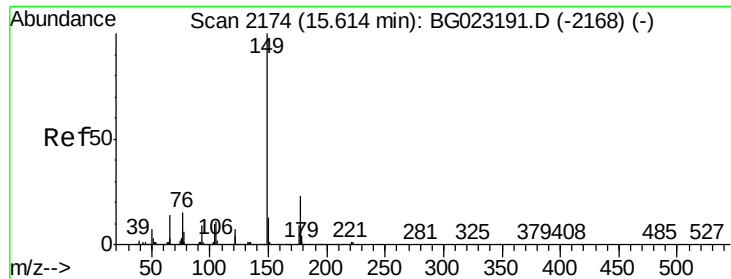
sohil
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 5.56 ng/ul
 RT: 15.44 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.3	34.8	52.2
130	4.0	2.2	3.2#
166	33.7	23.8	35.6





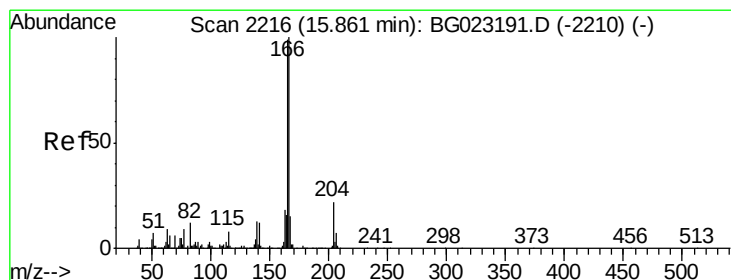
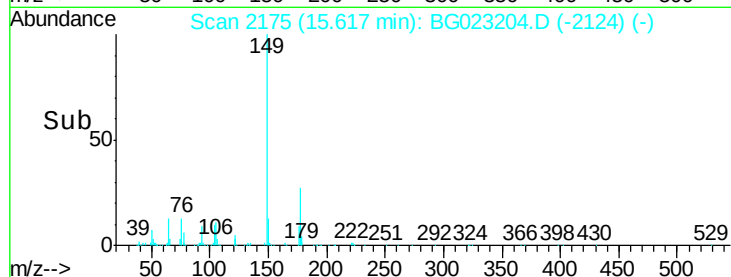
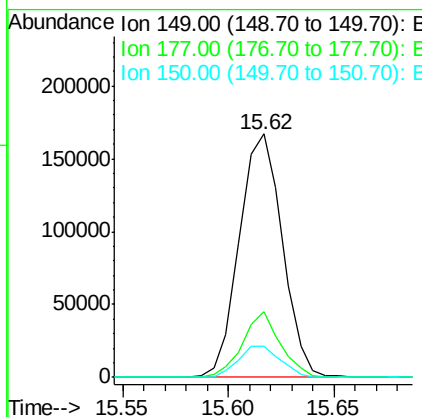
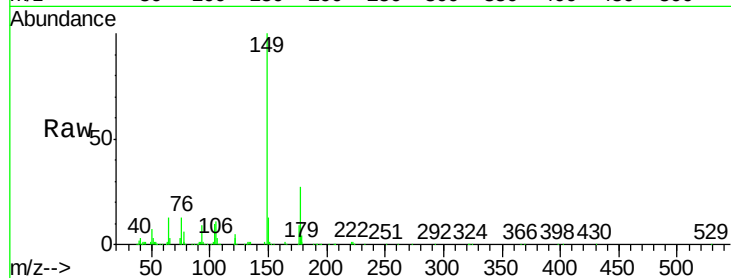
#56
Diethylphthalate
Concen: 6.18 ng/ul
RT: 15.62 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
149	100		
177	27.1	17.4	26.2#
150	12.8	9.6	14.4

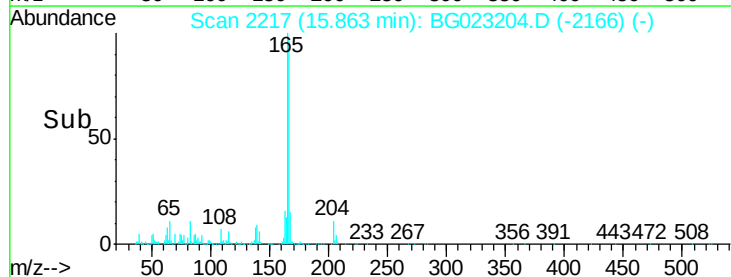
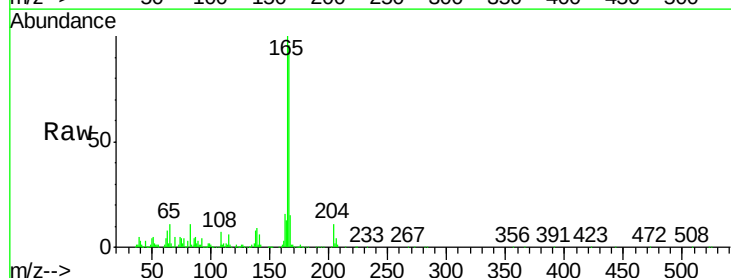
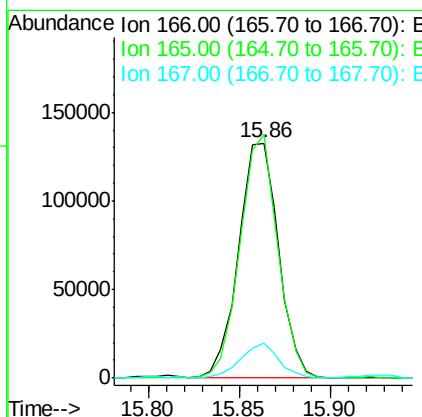
Manual Integrations

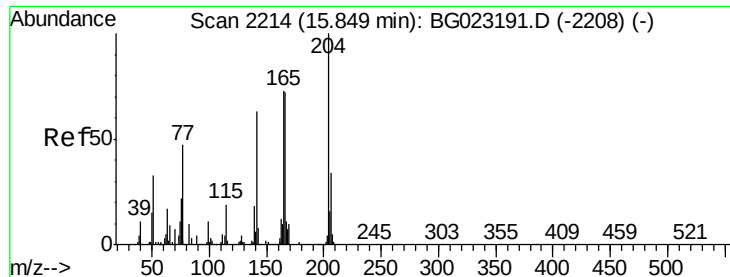
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#58
Fluorene
Concen: 6.05 ng/ul
RT: 15.86 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.8	80.3	120.5
167	15.1	10.3	15.5





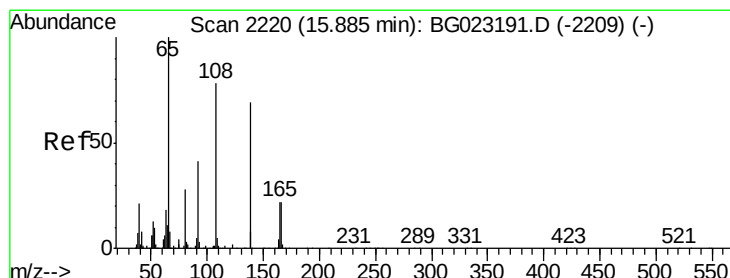
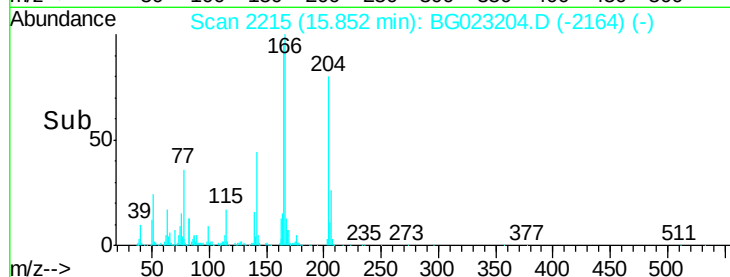
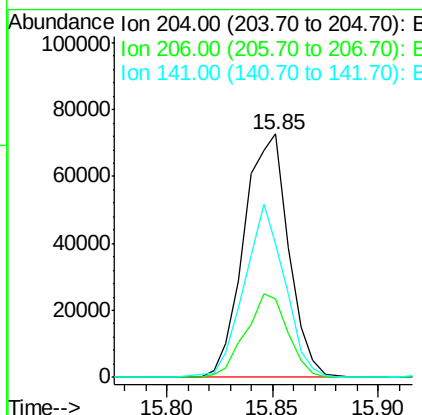
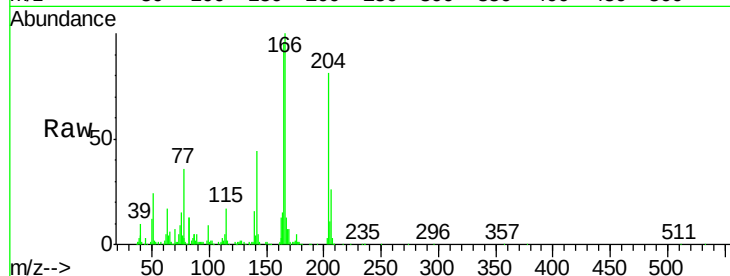
#59
4-Chlorophenyl-phenylether
Concen: 5.80 ng/ul
RT: 15.85 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	27.4	41.2
141	54.9	47.1	70.7

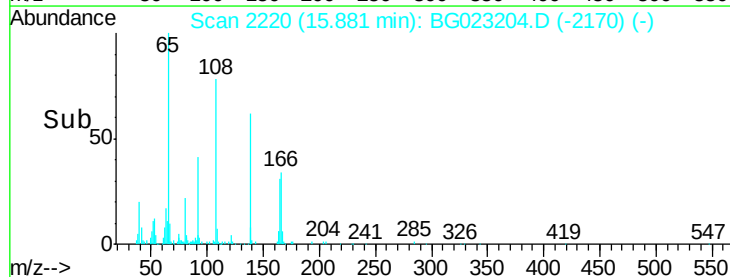
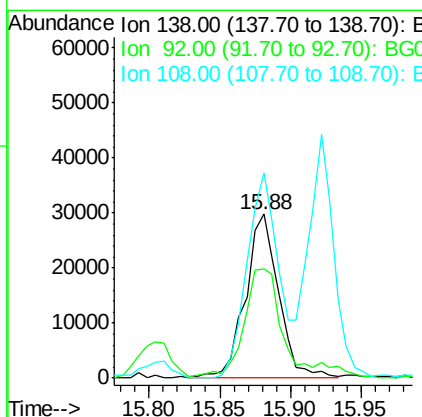
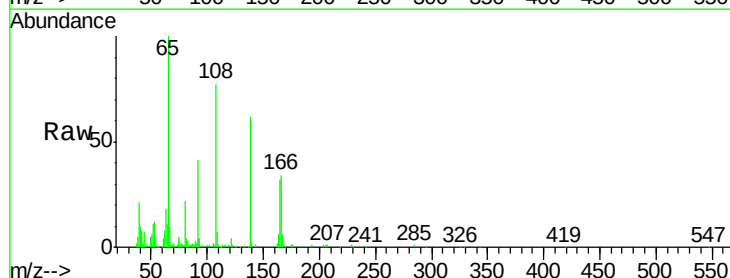
Manual Integrations

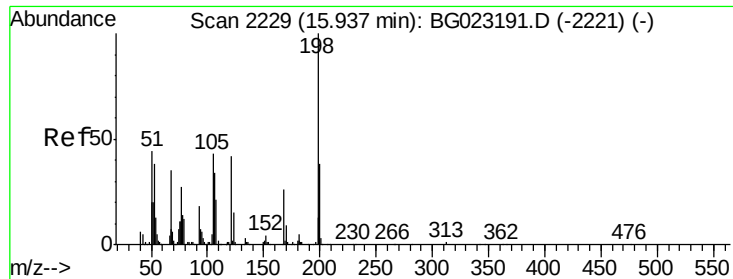
sohil
7/21/2016 1:51:15 PM



#60
4-Nitroaniline
Concen: 6.04 ng/ul
RT: 15.88 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	66.3	39.0	58.4#
108	125.5	49.2	73.8#





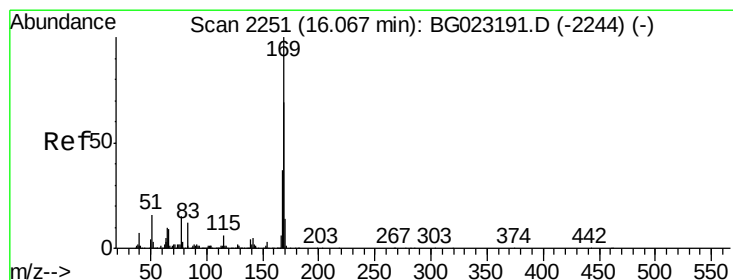
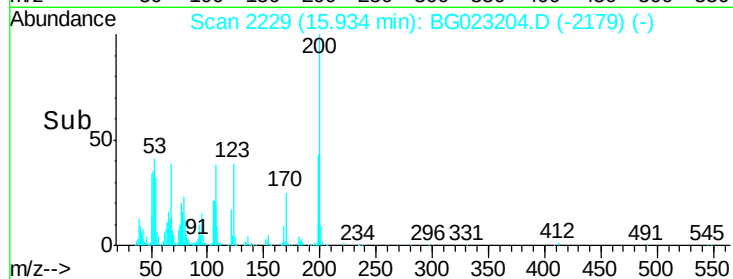
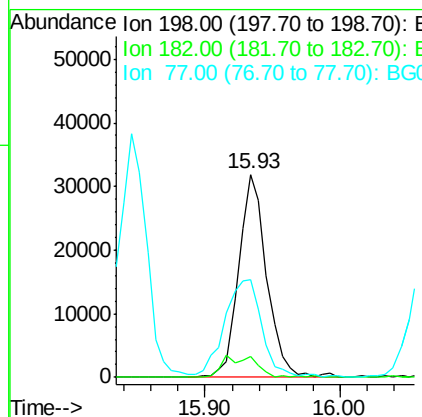
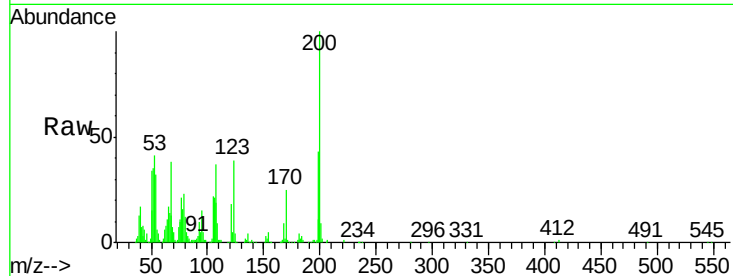
#63
 4,6-Dinitro-2-methylphenol
 Concen: 5.77 ng/ul m
 RT: 15.93 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

Instrument :
 BNA_G
 ClientSampled :
 MDL-05-W

Tgt Ion	Ratio	Lower	Upper
198	100		
182	10.0	4.2	6.2#
77	48.2	16.7	25.1#

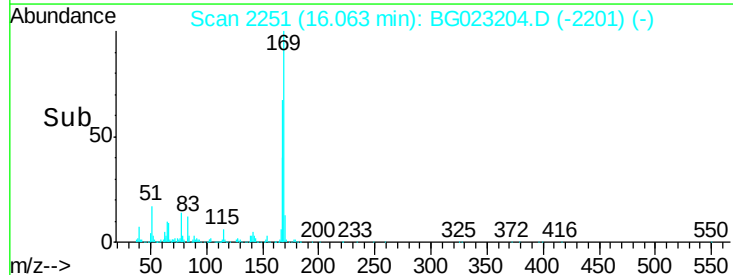
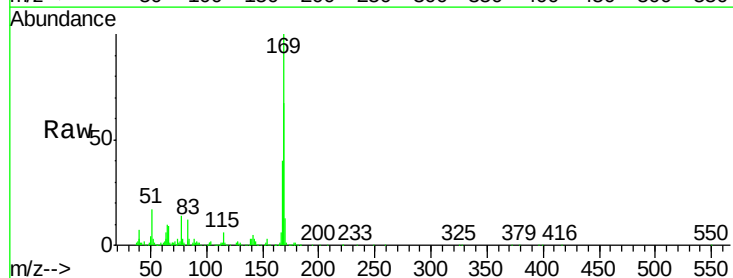
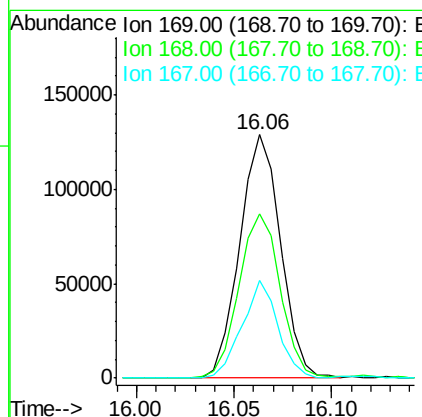
Manual Integrations

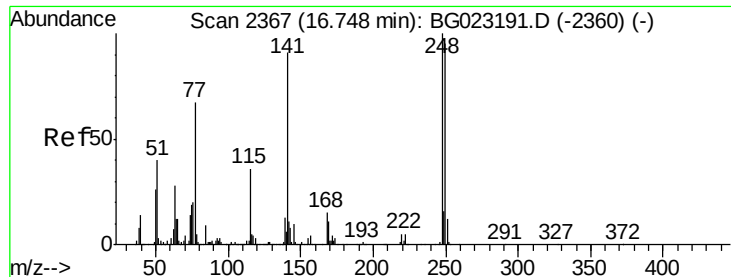
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#64
 N-Nitrosodiphenylamine
 Concen: 5.88 ng/ul
 RT: 16.06 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	59.0	88.6
167	39.9	30.6	46.0





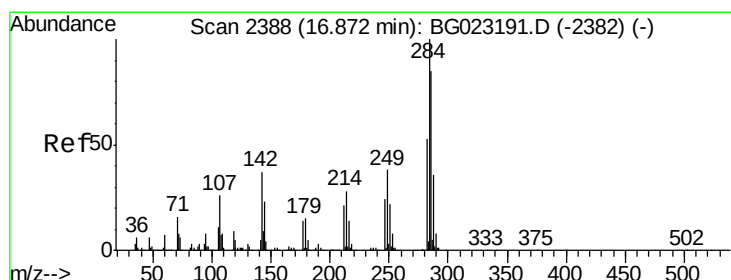
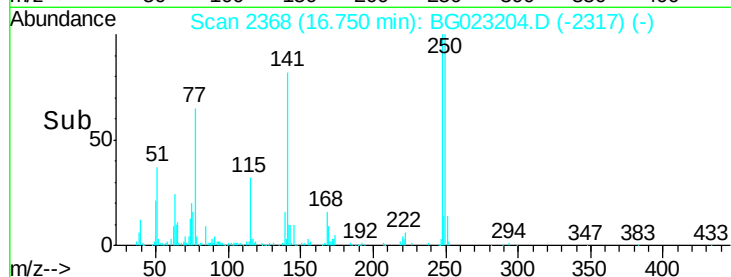
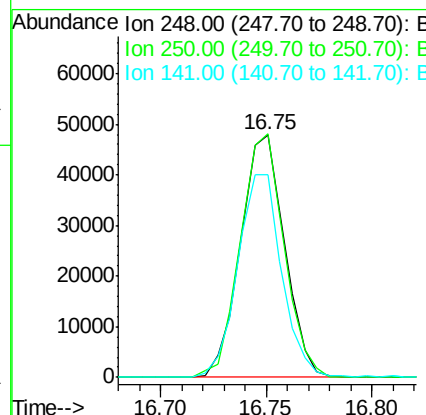
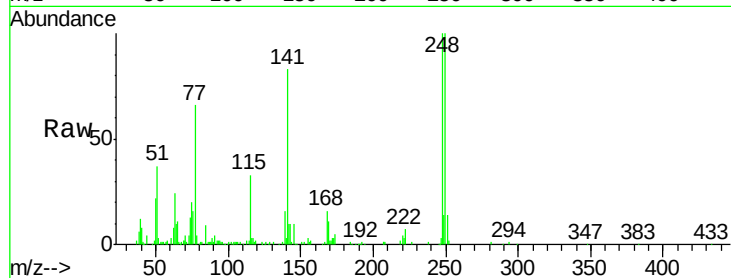
#65
4-Bromophenyl-phenylether
Concen: 5.46 ng/ul
RT: 16.75 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.4	76.6	114.8
141	83.4	61.8	92.6

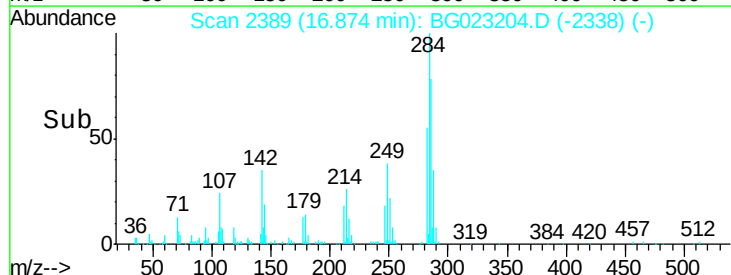
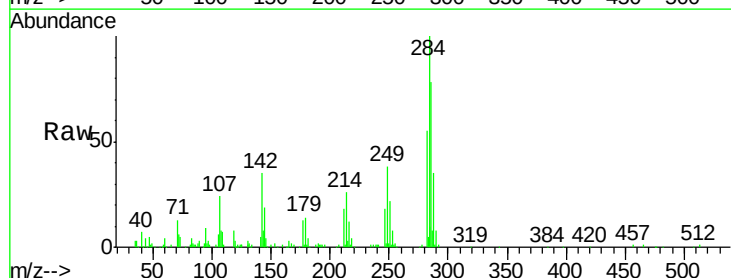
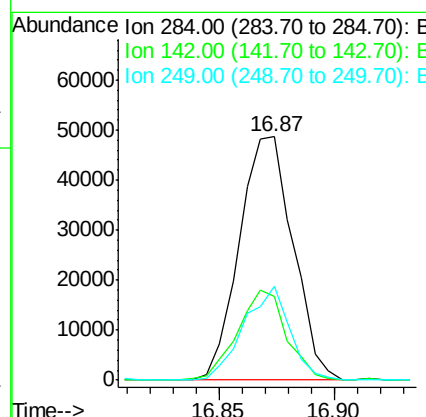
Manual Integrations

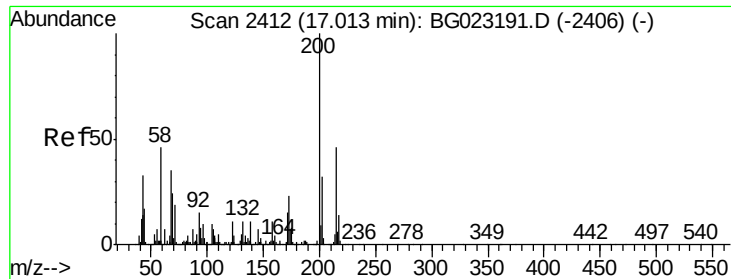
sohil
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#66
Hexachlorobenzene
Concen: 6.08 ng/ul
RT: 16.87 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	27.8	41.8
249	38.3	24.4	36.6





#67

Atrazine

Concen: 5.69 ng/ul

RT: 17.01 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG023204.D

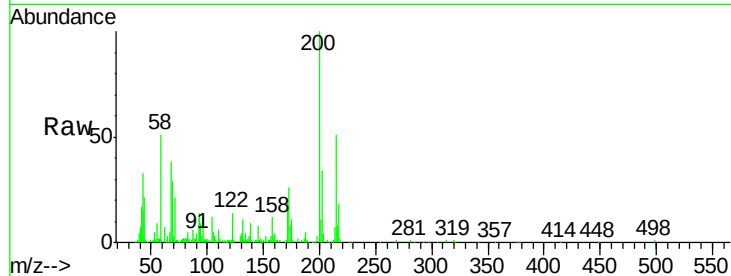
Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampled :

MDL-05-W

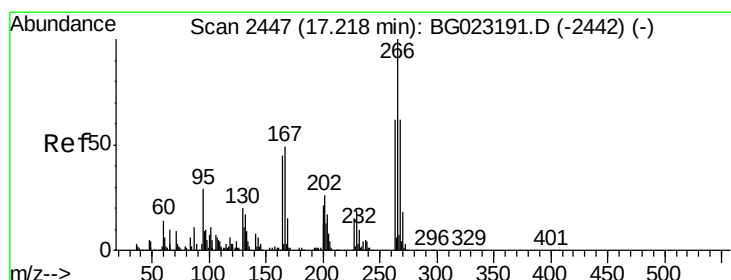
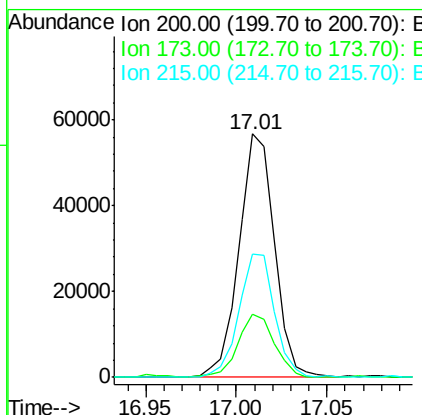
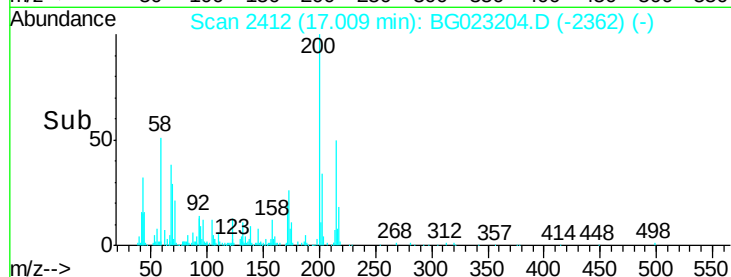


Tgt Ion:	200	Resp:	77094
Ion Ratio	Lower	Upper	
200	100		
173	26.1	21.0	31.6
215	50.7	37.9	56.9

Manual Integrations

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#68

Pentachlorophenol

Concen: 4.81 ng/ul

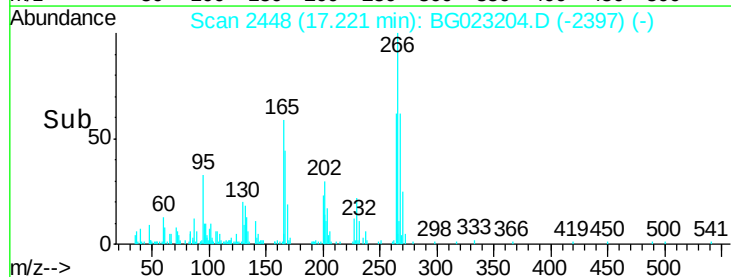
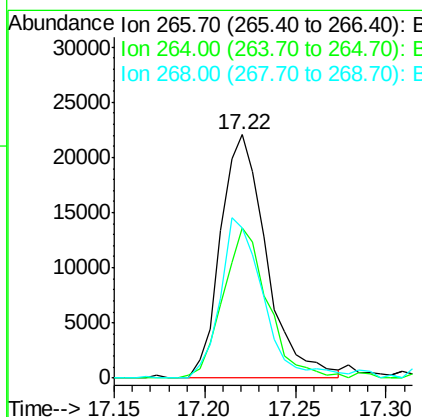
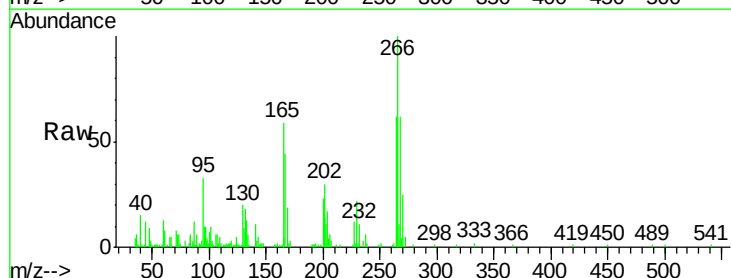
RT: 17.22 min Scan# 2448

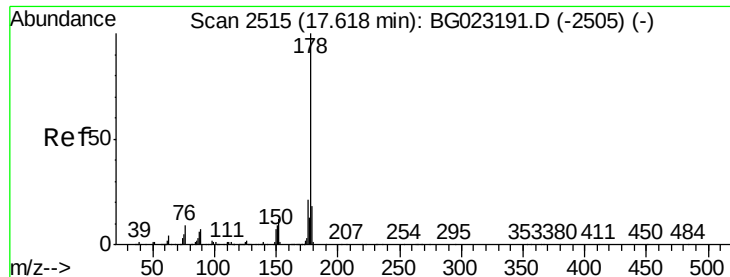
Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion:	266	Resp:	38711
Ion Ratio	Lower	Upper	
266	100		
264	61.7	54.7	82.1
268	61.9	57.8	86.8





#69

Phenanthrene

Concen: 6.20 ng/ul m

RT: 17.61 min Scan# 2515

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

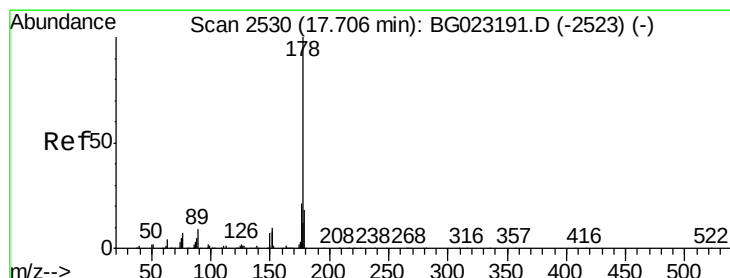
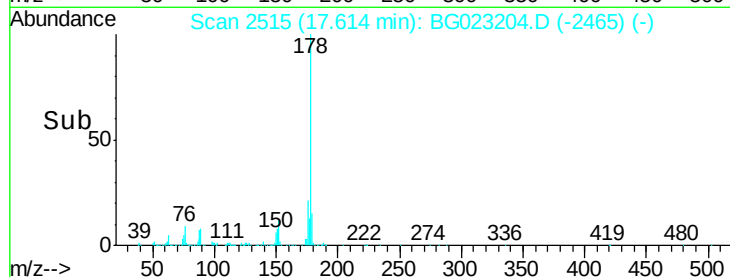
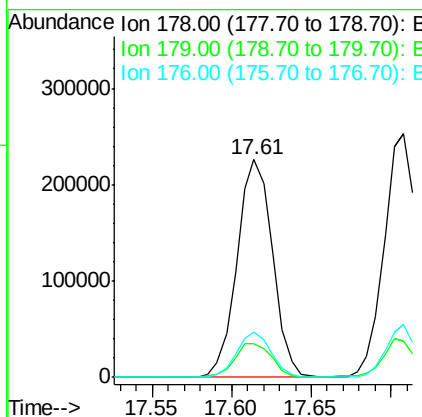
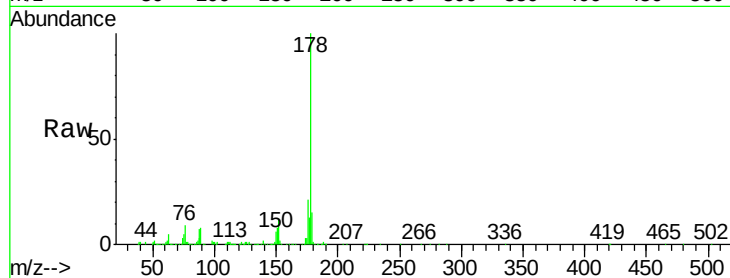
MDL-05-W

Tgt Ion:	178	Resp:	351519
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.9	19.3
176	20.5	15.8	23.8

Manual Integrations

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#71

Anthracene

Concen: 6.36 ng/ul

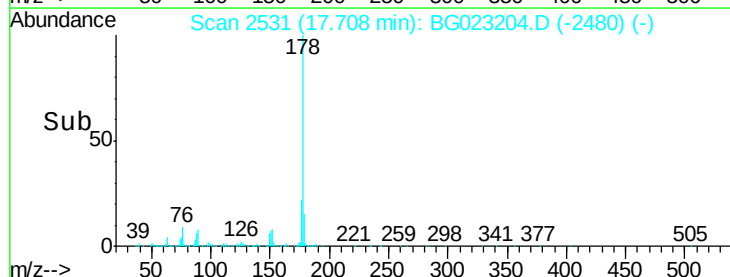
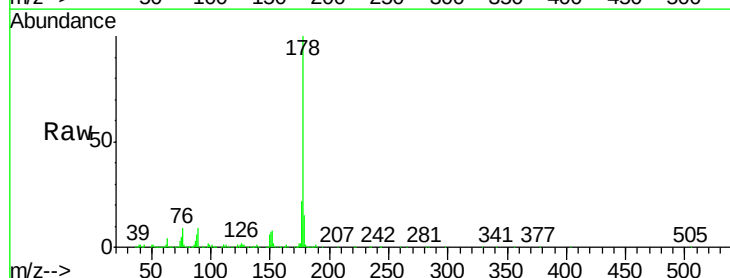
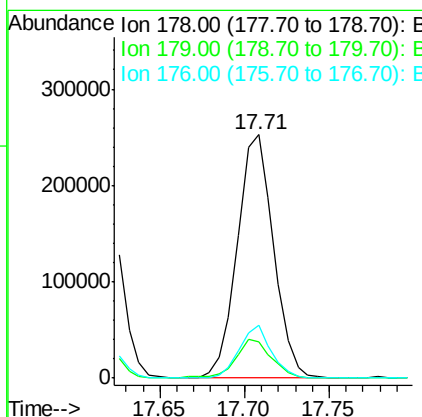
RT: 17.71 min Scan# 2531

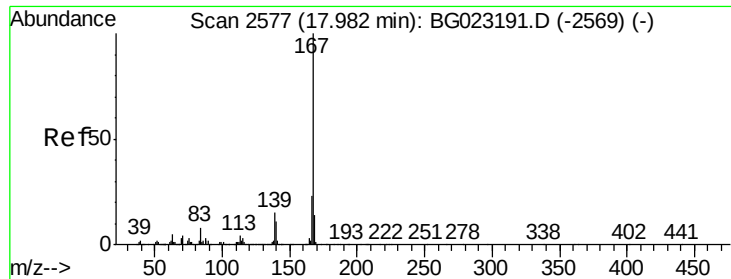
Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion:	178	Resp:	377949
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.3	18.5
176	21.8	16.3	24.5





#72

Carbazole

Concen: 6.78 ng/ul

RT: 17.98 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampled :

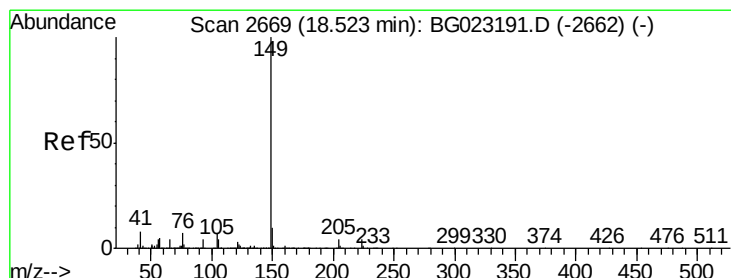
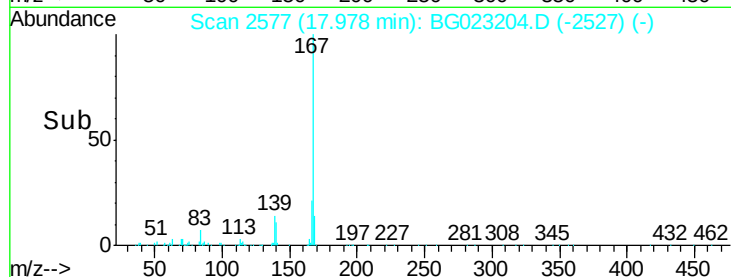
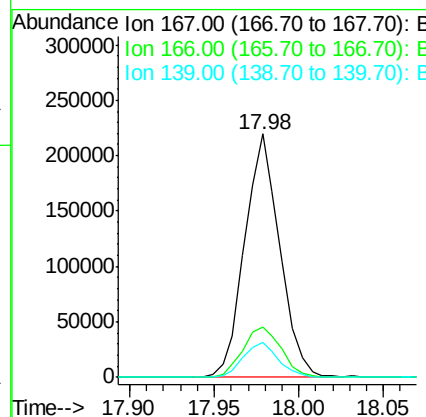
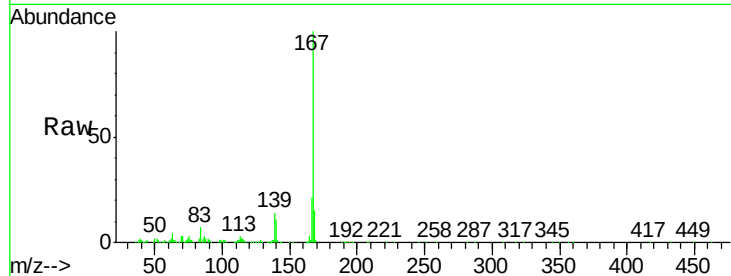
MDL-05-W

Tgt Ion:	167	Resp:	316571
Ion Ratio	Lower	Upper	
167	100		
166	20.8	19.2	28.8
139	14.3	10.2	15.4

Manual Integrations

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#73

Di-n-butylphthalate

Concen: 6.21 ng/ul

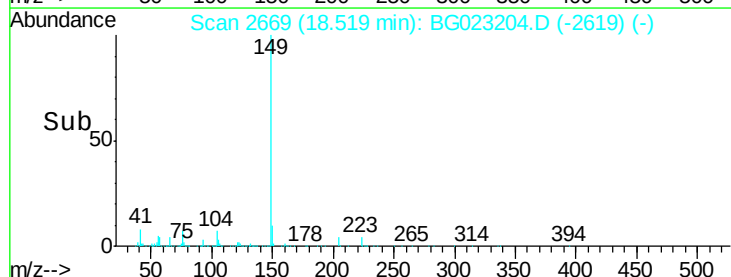
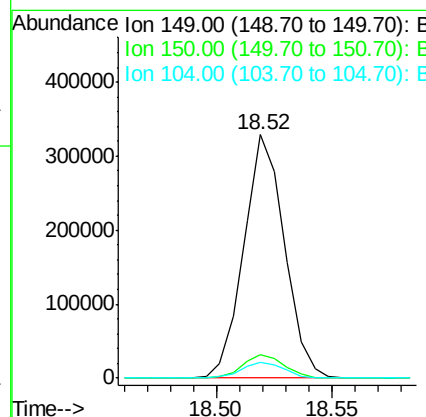
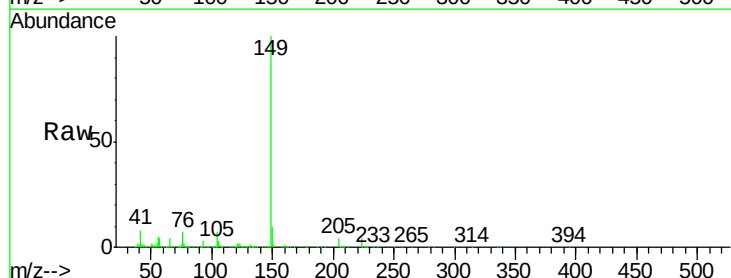
RT: 18.52 min Scan# 2669

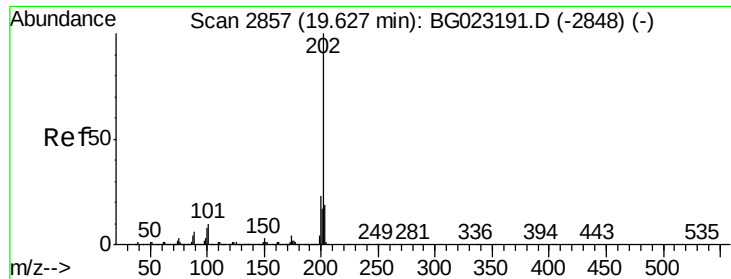
Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion:	149	Resp:	402159
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.1	10.7
104	6.5	3.3	4.9#





#74

Fluoranthene

Concen: 7.40 ng/ul m

RT: 19.62 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG023204.D

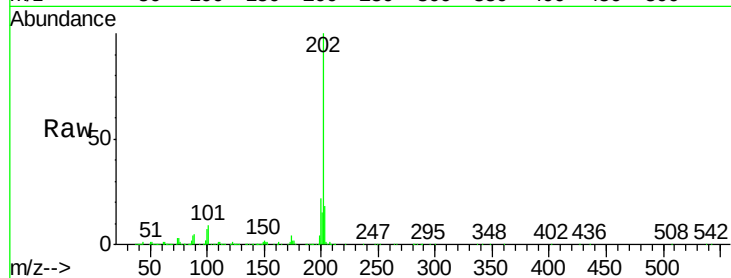
Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

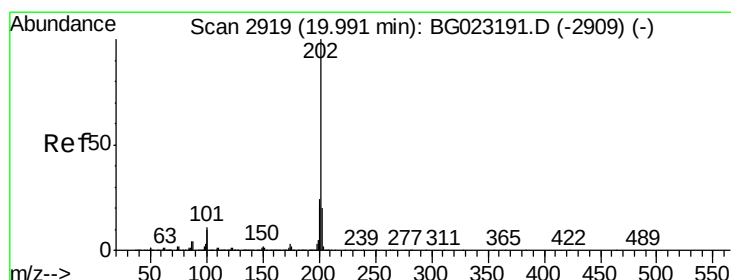
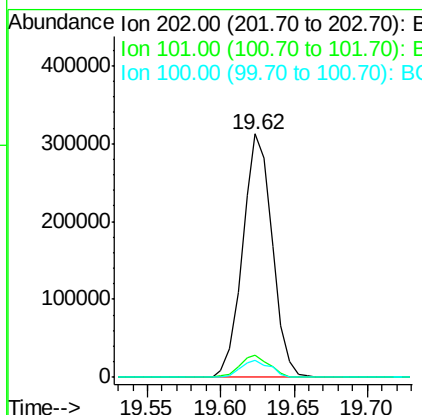
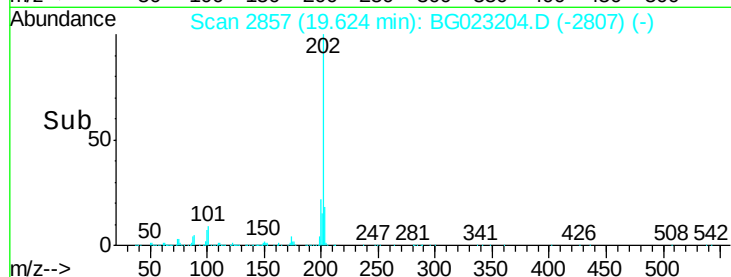


Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	10.6	16.0#
100	7.0	8.7	13.1#

Manual Integrations

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#77

Pyrene

Concen: 6.41 ng/ul

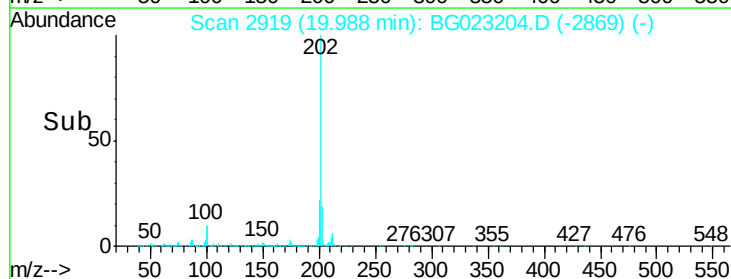
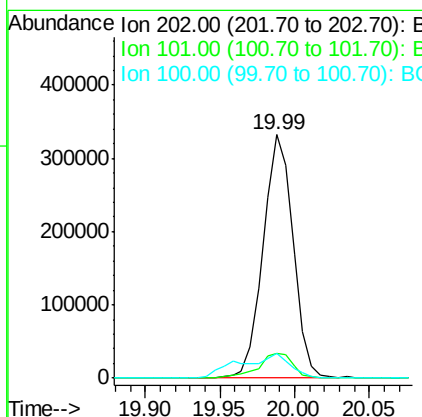
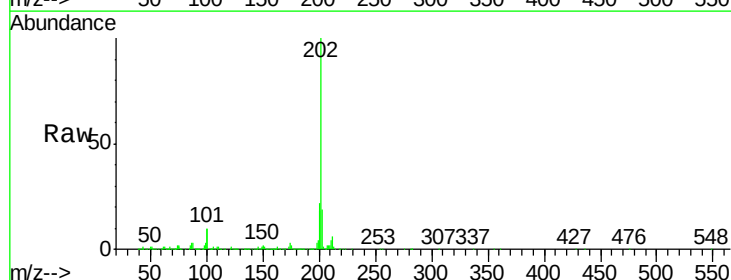
RT: 19.99 min Scan# 2919

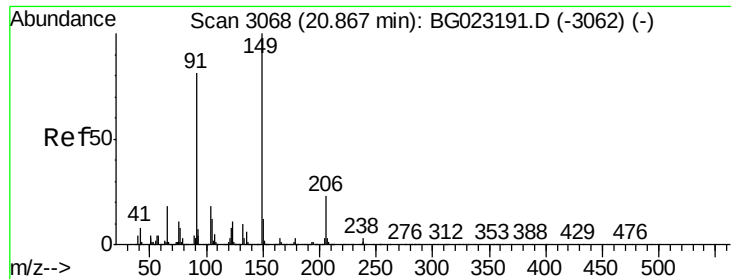
Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	12.5	18.7#
100	10.3	10.2	15.4





#78

Butylbenzylphthalate

Concen: 5.58 ng/ul

RT: 20.86 min Scan# 3068

Delta R.T. -0.00 min

Lab File: BG023204.D

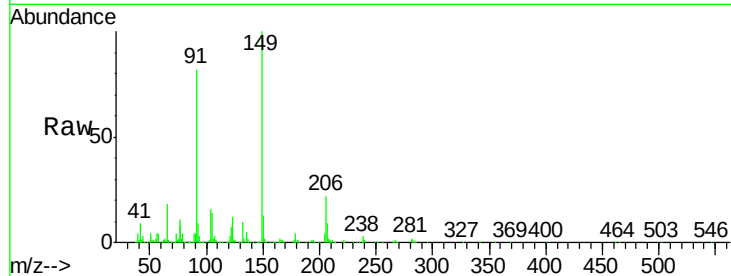
Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

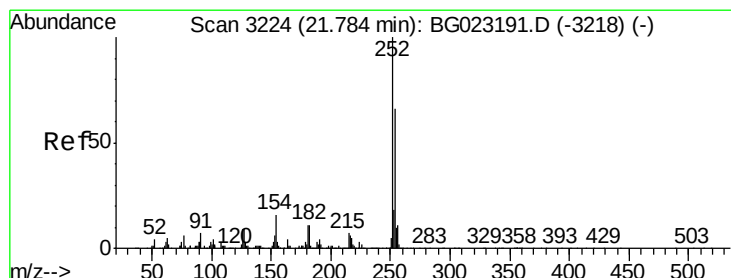
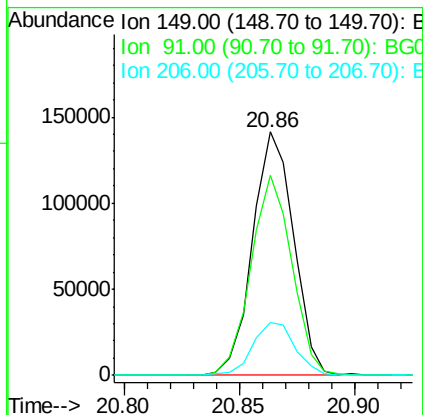


Tgt Ion	Ratio	Lower	Upper
149	100		
91	82.4	54.2	81.4#
206	21.8	14.1	21.1#

Manual Integrations

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#79

3,3'-Dichlorobenzidine

Concen: 5.97 ng/ul

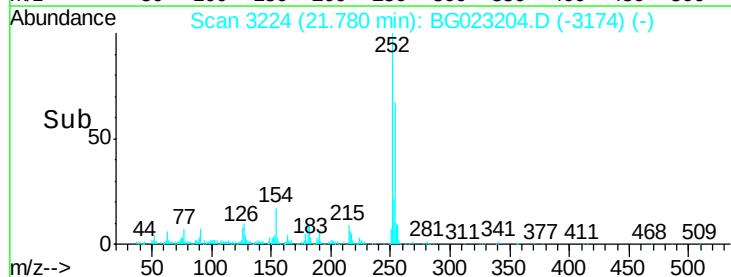
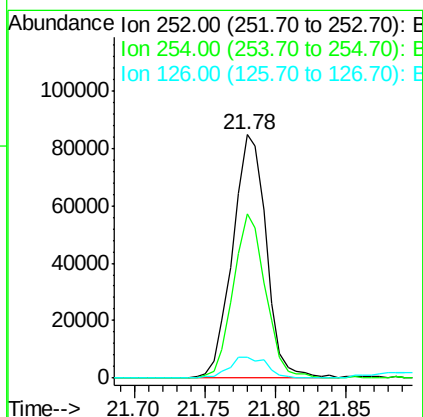
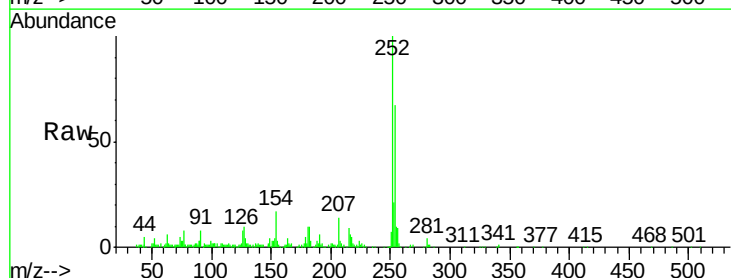
RT: 21.78 min Scan# 3224

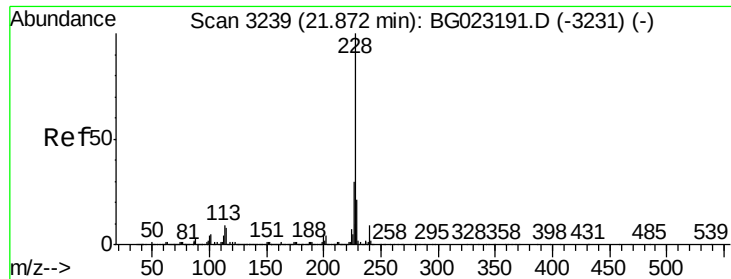
Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.4	51.4	77.2
126	8.4	10.7	16.1#





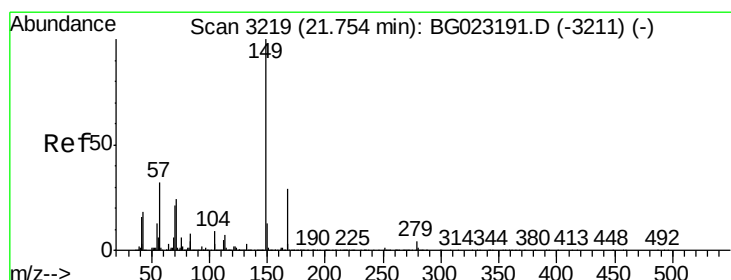
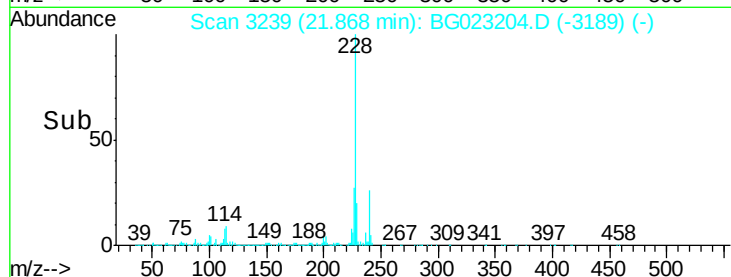
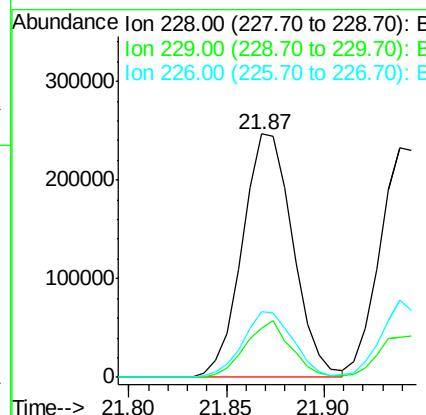
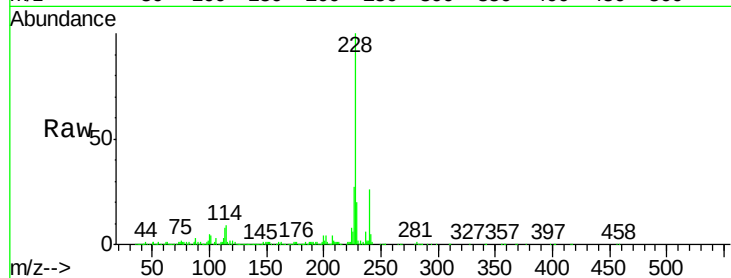
#80
Benzo(a)anthracene
Concen: 6.31 ng/ul
RT: 21.87 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.2
226	27.0	22.8	34.2

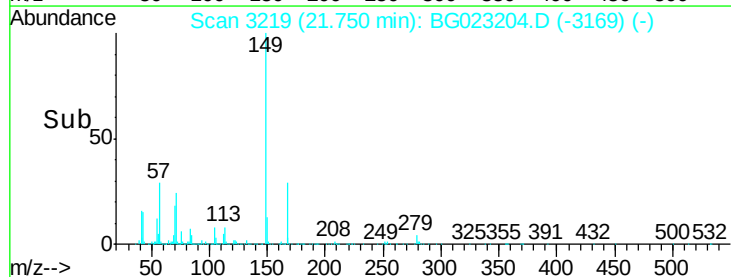
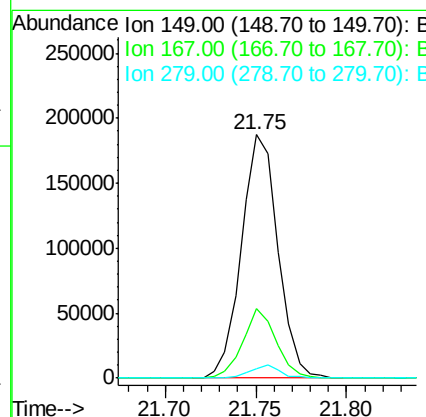
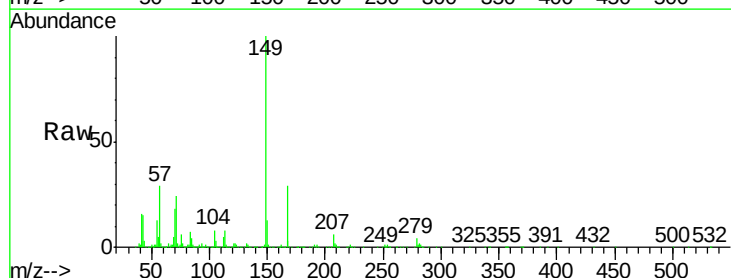
Manual Integrations

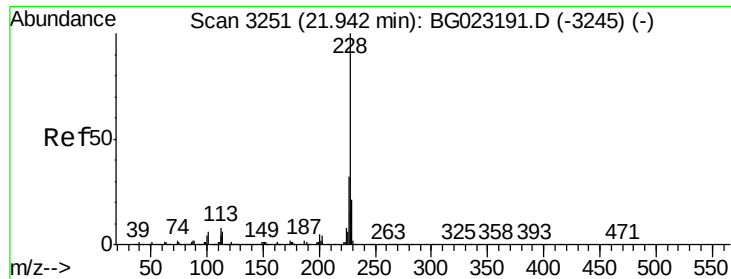
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#81
Bis(2-ethylhexyl)phthalate
Concen: 6.10 ng/ul
RT: 21.75 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.9	32.9
279	3.7	2.9	4.3





#82

Chrysene

Concen: 6.10 ng/ul

RT: 21.94 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

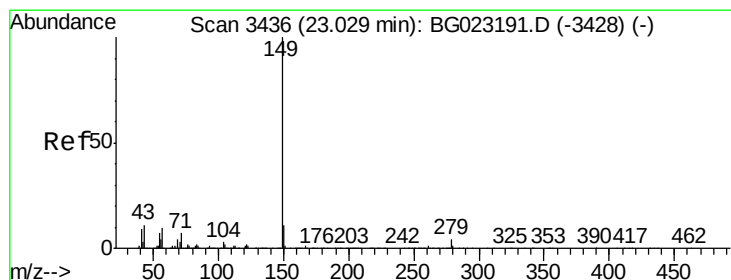
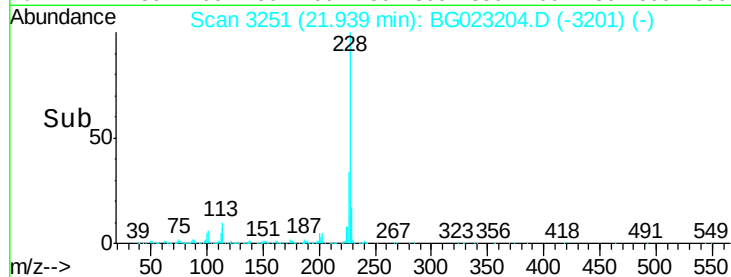
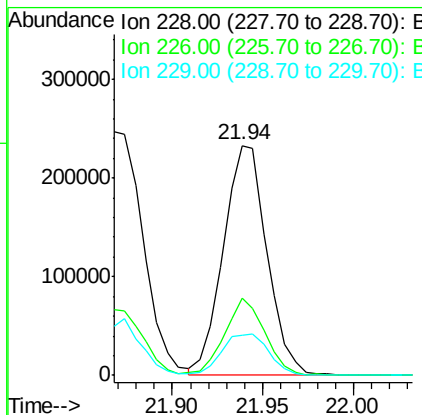
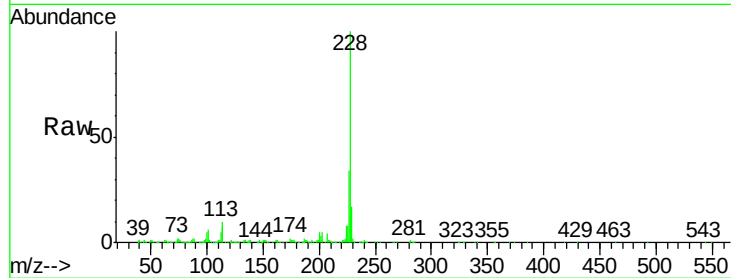
MDL-05-W

Tgt Ion:	228	Resp:	389311
Ion Ratio	Lower	Upper	
228	100		
226	33.6	24.2	36.4
229	17.3	15.0	22.6

Manual Integrations

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#84

Di-n-octyl phthalate

Concen: 6.83 ng/ul

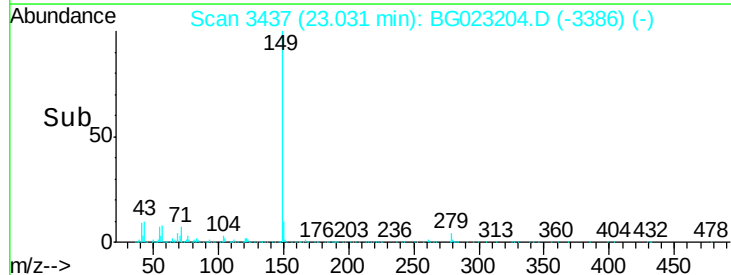
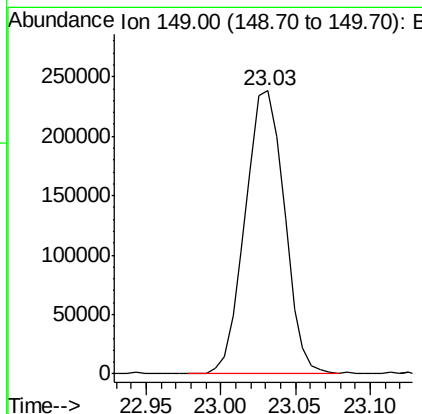
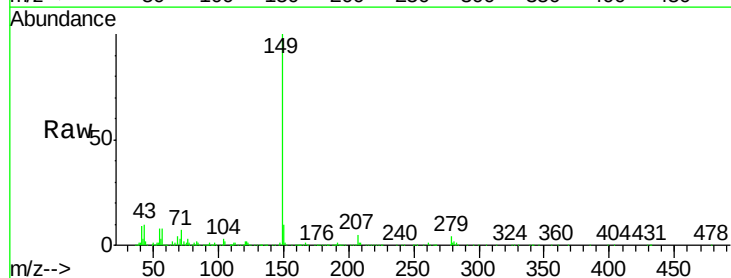
RT: 23.03 min Scan# 3437

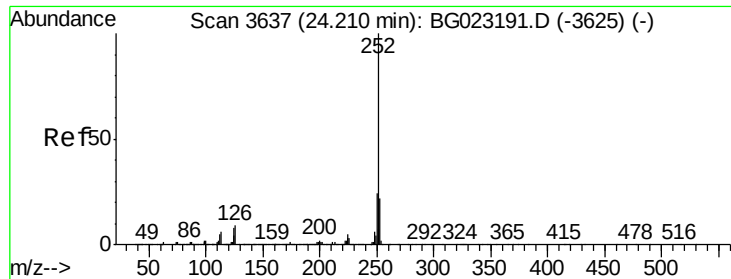
Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion:149 Resp: 433966





#85

Benzo(b)fluoranthene

Concen: 5.97 ng/ul

RT: 24.21 min Scan# 3637

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

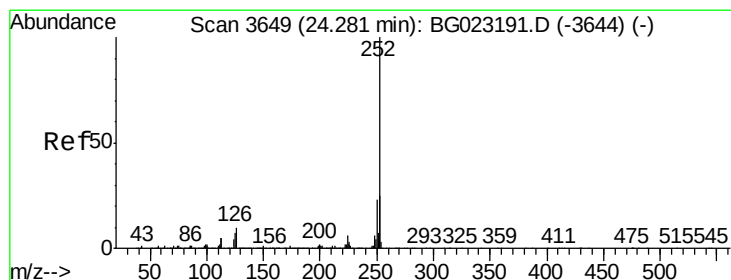
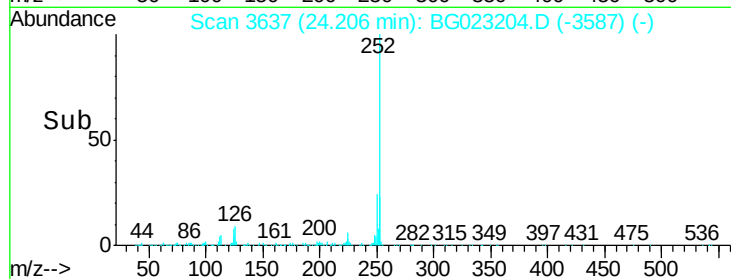
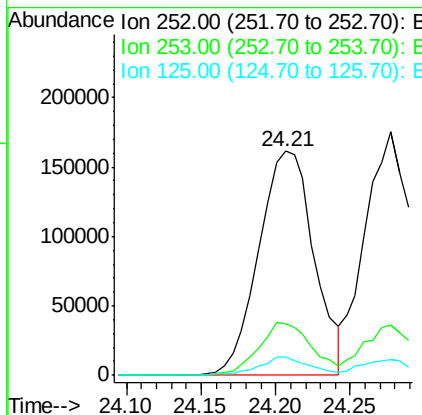
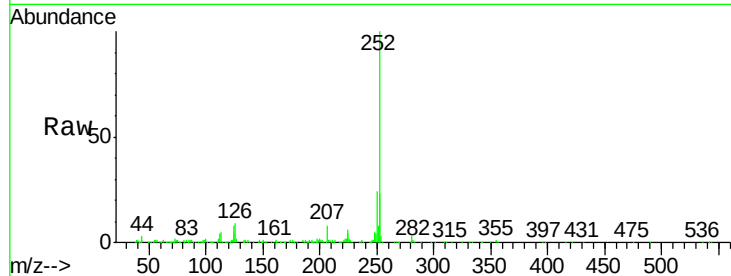
MDL-05-W

Tgt Ion:	252	Resp:	416597
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.2	27.2
125	8.3	10.8	16.2#

Manual Integrations

sohil

7/21/2016 1:51:15 PM



#86

Benzo(k)fluoranthene

Concen: 6.12 ng/ul

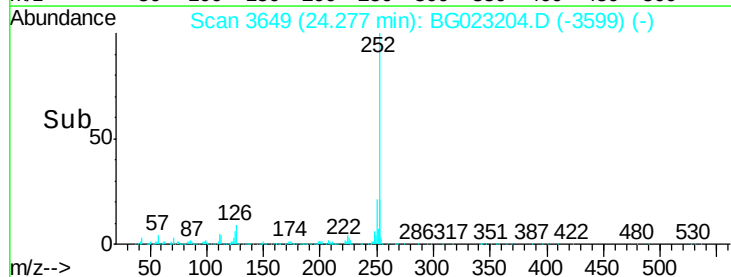
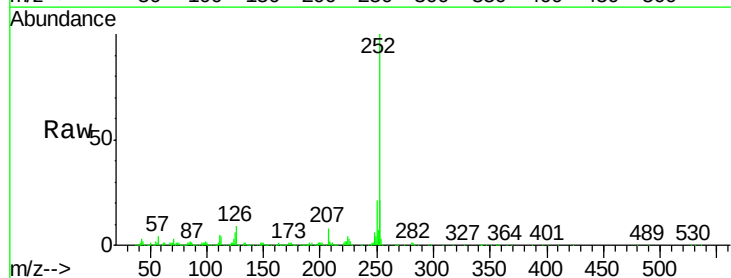
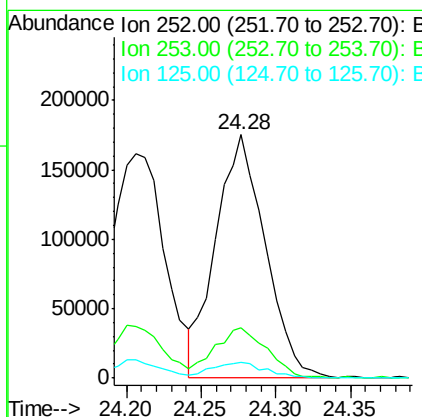
RT: 24.28 min Scan# 3649

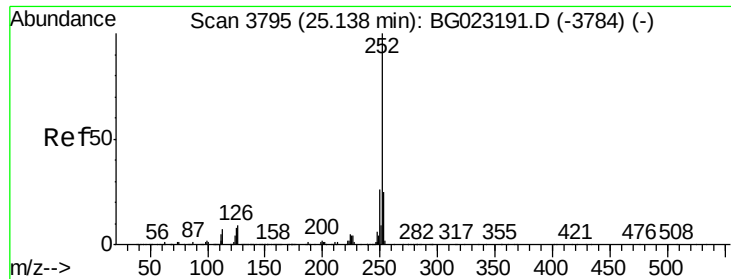
Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion:	252	Resp:	404222
Ion Ratio	Lower	Upper	
252	100		
253	20.5	15.8	23.6
125	6.4	10.6	16.0#





#88

Benzo(a)pyrene

Concen: 6.14 ng/ul m

RT: 25.13 min Scan# 3795

Delta R.T. -0.00 min

Lab File: BG023204.D

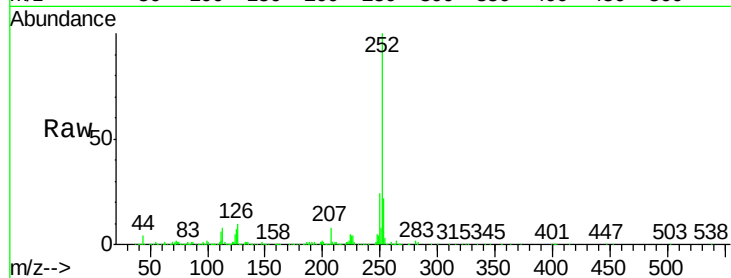
Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

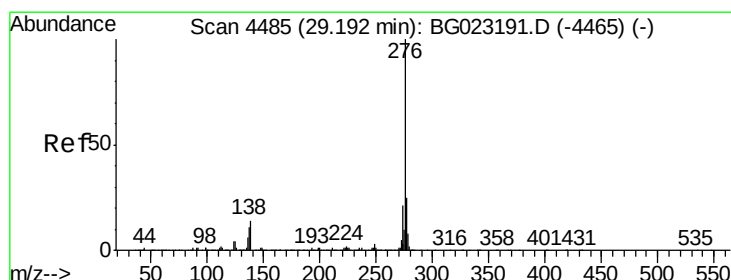
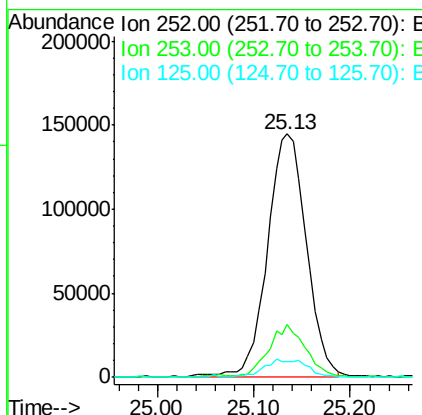
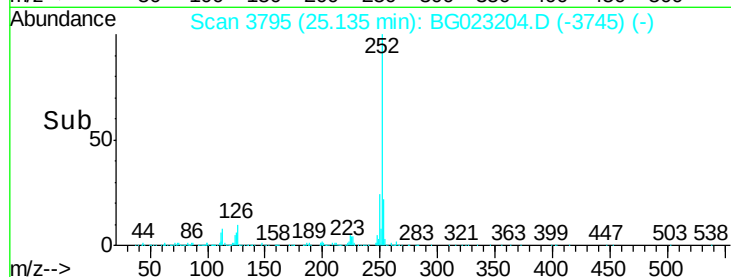


Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.0	28.4
125	6.5	12.0	18.0#

Manual Integrations

sohil

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#89

Indeno(1,2,3-cd)pyrene

Concen: 5.79 ng/ul

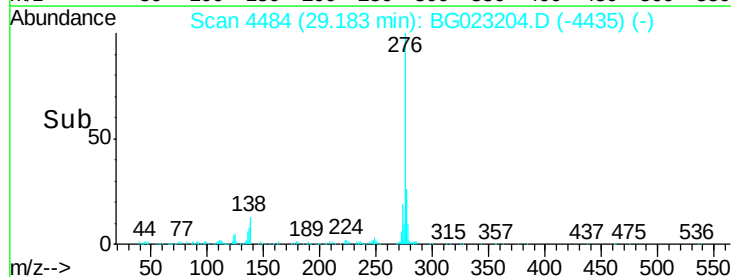
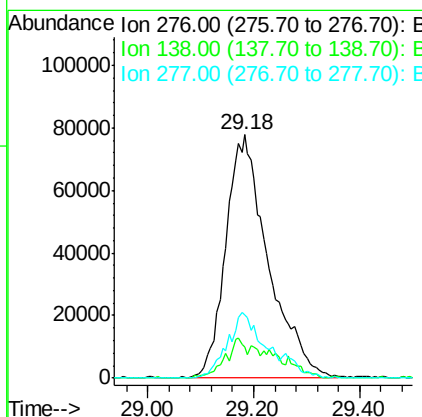
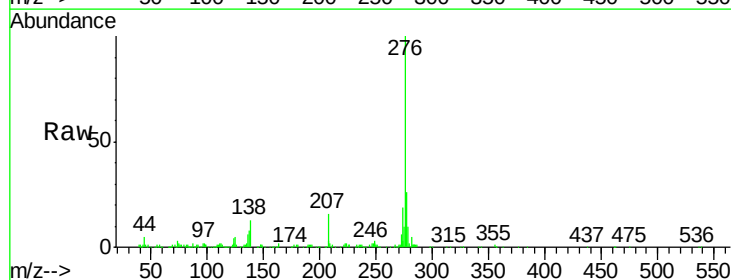
RT: 29.18 min Scan# 4484

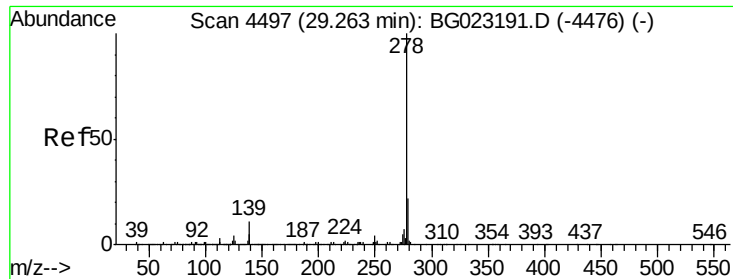
Delta R.T. -0.01 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.9	20.8	31.2#
277	26.0	17.6	26.4





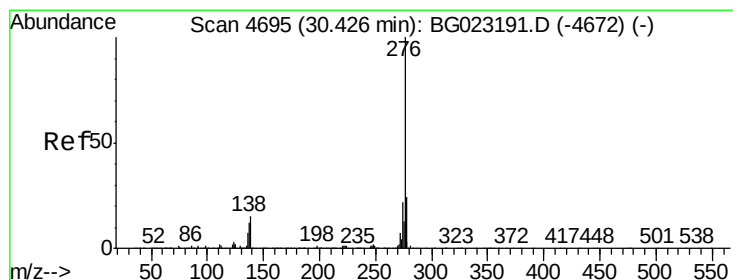
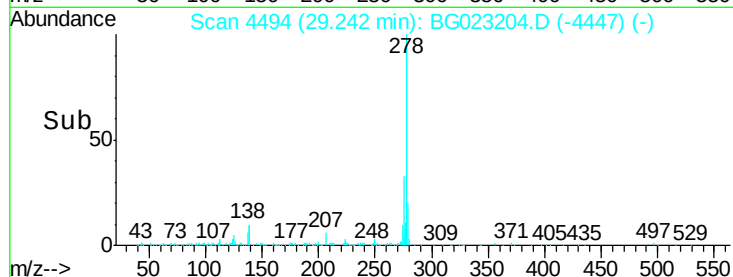
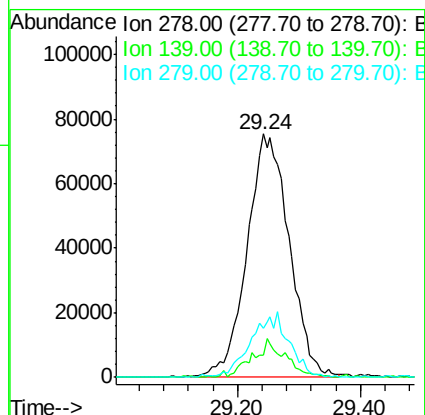
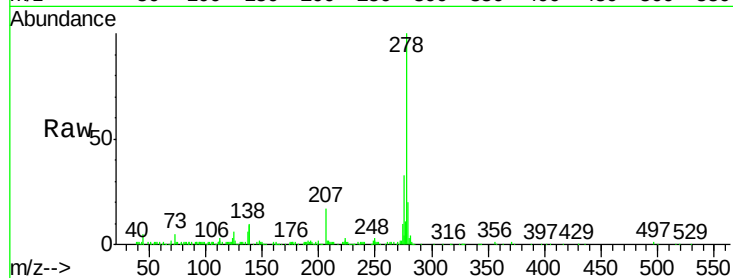
#90
Dibenzo(a,h)anthracene
Concen: 5.82 ng/ul m
RT: 29.24 min Scan# 4494
Delta R.T. -0.02 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Tgt	Ion	Ratio	Lower	Upper
278	100			
139	9.0	16.3	24.5#	
279	20.0	19.1	28.7	

Manual Integrations

sohil
7/21/2016 1:51:15 PM



#91
Benzo(g,h,i)perylene
Concen: 5.82 ng/ul m
RT: 30.39 min Scan# 4690
Delta R.T. -0.03 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	17.1	22.1	33.1#	
277	22.8	17.0	25.4	

