

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
 Data File : BG023198.D
 Acq On : 20 Jul 2016 21:53
 Operator : UM/SJ
 Sample : MDL-06-W
 Misc : MDL 4PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-W

Manual Integrations

sohil
 7/21/2016 1:50:57 PM

Quant Time: Jul 21 10:34:37 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	145601	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	706122	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	530363	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1297324m	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1402630	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1385228	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	7668m	2.38	ng/uL	0.00
5) Phenol-d5	7.29	99	366338	24.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	260207m	26.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	245873	24.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	293375	25.12	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	144846	25.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	164062	24.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	284779	22.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	415250	32.34	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1142325	25.91	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	1272024	25.38	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	198937	25.57	ng/ul	0.00
57) Fluorene-d10	15.80	176	997605	25.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	217997m	24.42	ng/ul	0.00
70) Anthracene-d10	17.67	188	1570448	25.86	ng/ul	0.00
76) Pyrene-d10	19.96	212	1822929	25.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1644872	25.29	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.54	88	2337m	0.68	ng/uL	
4) Benzaldehyde	7.27	77	28778	3.09	ng/ul#	76
6) Phenol	7.32	94	35370	2.26	ng/ul#	66
8) Bis(2-Chloroethyl)ether	7.55	93	31314	2.67	ng/ul	92
10) 2-Chlorophenol	7.70	128	23435	2.26	ng/ul#	84
11) 2-Methylphenol	8.58	108	23897	2.07	ng/ul	83
12) 2,2'-oxybis(1-Chloropropan	8.67	45	38224	2.41	ng/ul	96
14) Acetophenone	8.97	105	50014	2.46	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.94	70	31542	2.35	ng/ul#	77
16) 4-Methylphenol	8.91	108	28406	2.21	ng/ul	81
17) Hexachloroethane	9.24	117	11887	2.42	ng/ul	87
20) Nitrobenzene	9.36	77	40194	2.20	ng/ul#	88
21) Isophorone	9.88	82	81307	2.34	ng/ul#	87
23) 2-Nitrophenol	10.07	139	16398m	2.33	ng/ul	
24) 2,4-Dimethylphenol	10.13	107	33548	2.08	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.37	93	43498	2.26	ng/ul#	96
27) 2,4-Dichlorophenol	10.62	162	24597	2.00	ng/ul#	74
28) Naphthalene	11.03	128	80882	2.28	ng/ul#	94
30) 4-Chloroaniline	11.13	127	32229	2.43	ng/ul	99
31) Hexachlorobutadiene	11.31	225	20610	2.09	ng/ul	95
32) Caprolactam	11.92	113	12390m	2.43	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	33374	2.07	ng/ul#	74
34) 2-Methylnaphthalene	12.63	142	67405	2.29	ng/ul	87

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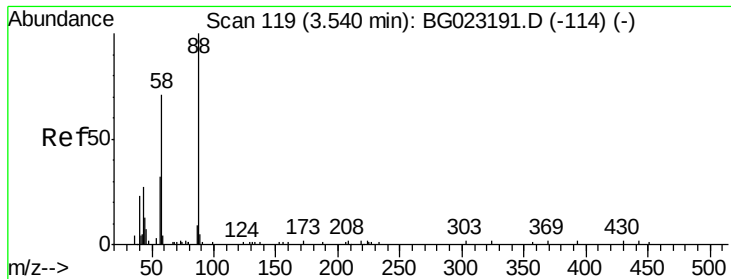
Manual Integrations

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Quant Time: Jul 21 10:34:37 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	39711	2.24	ng/ul#	94
37) Hexachlorocyclopentadiene	12.97	237	20585	1.79	ng/ul#	90
38) 2,4,6-Trichlorophenol	13.24	196	23991	1.96	ng/ul	91
39) 2,4,5-Trichlorophenol	13.31	196	25793	2.06	ng/ul	87
40) 1,1'-Biphenyl	13.64	154	92760	2.33	ng/ul	94
41) 2-Chloronaphthalene	13.68	162	73819	2.30	ng/ul	98
42) 2-Nitroaniline	13.89	65	29053	2.04	ng/ul#	65
44) Dimethylphthalate	14.25	163	103627	2.32	ng/ul#	98
45) 2,6-Dinitrotoluene	14.38	165	20813	2.15	ng/ul#	79
47) Acenaphthylene	14.54	152	118799	2.34	ng/ul	97
48) 3-Nitroaniline	14.71	138	20148	2.43	ng/ul#	34
49) Acenaphthene	14.88	153	77603	2.26	ng/ul	91
50) 2,4-Dinitrophenol	14.92	184	8230	1.35	ng/ul#	84
52) 4-Nitrophenol	15.02	109	22217	2.40	ng/ul#	56
53) Dibenzofuran	15.21	168	120954	2.39	ng/ul#	87
54) 2,4-Dinitrotoluene	15.16	165	32101	2.17	ng/ul#	61
55) 2,3,4,6-Tetrachlorophenol	15.43	232	26239	2.08	ng/ul#	91
56) Diethylphthalate	15.62	149	109800	2.31	ng/ul	99
58) Fluorene	15.86	166	100143	2.40	ng/ul	92
59) 4-Chlorophenyl-phenylether	15.85	204	53755	2.35	ng/ul	99
60) 4-Nitroaniline	15.88	138	22834	2.24	ng/ul#	55
63) 4,6-Dinitro-2-methylphenol	15.93	198	21891m	2.32	ng/ul	
64) N-Nitrosodiphenylamine	16.06	169	86338	2.30	ng/ul	96
65) 4-Bromophenyl-phenylether	16.75	248	34681	2.32	ng/ul	97
66) Hexachlorobenzene	16.87	284	36731m	2.40	ng/ul	
67) Atrazine	17.01	200	38311m	2.40	ng/ul	
68) Pentachlorophenol	17.22	266	17761m	1.87	ng/ul	
69) Phenanthrene	17.61	178	171307m	2.56	ng/ul	
71) Anthracene	17.70	178	179874	2.57	ng/ul	98
72) Carbazole	17.98	167	148279m	2.69	ng/ul	
73) Di-n-butylphthalate	18.52	149	187196m	2.45	ng/ul	
74) Fluoranthene	19.62	202	211701m	3.02	ng/ul	
77) Pyrene	19.99	202	222241	2.61	ng/ul#	87
78) Butylbenzylphthalate	20.86	149	87614	2.37	ng/ul#	79
79) 3,3'-Dichlorobenzidine	21.78	252	68660	2.45	ng/ul#	93
80) Benzo(a)anthracene	21.87	228	212269	2.55	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	127699	2.52	ng/ul#	97
82) Chrysene	21.94	228	193333	2.56	ng/ul	95
84) Di-n-octyl phthalate	23.03	149	241936	3.15	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	202756	2.41	ng/ul#	90
86) Benzo(k)fluoranthene	24.28	252	199389	2.50	ng/ul#	91
88) Benzo(a)pyrene	25.14	252	191900	2.39	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	29.18	276	229408m	2.54	ng/ul	
90) Dibenzo(a,h)anthracene	29.25	278	187449m	2.52	ng/ul	
91) Benzo(g,h,i)perylene	30.39	276	187508m	2.51	ng/ul	

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



#2

1,4-Dioxane

Concen: 0.68 ng/uL m

RT: 3.54 min Scan# 120

Delta R.T. 0.00 min

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Instrument :

BNA_G

ClientSampleId :

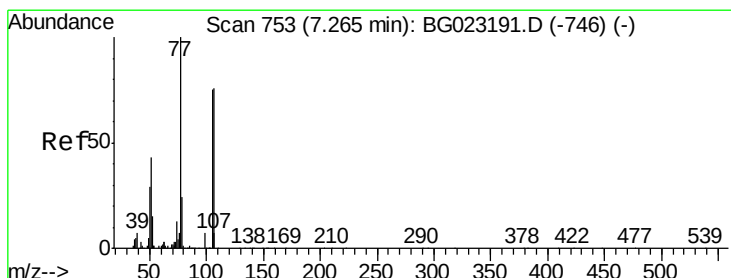
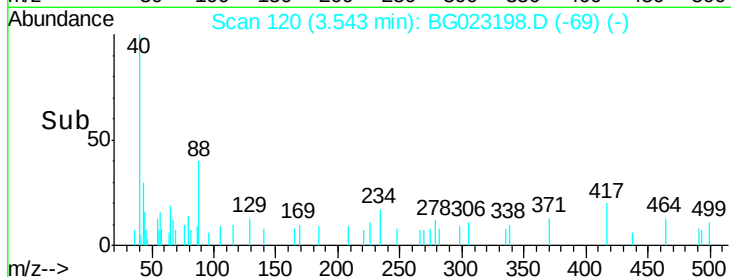
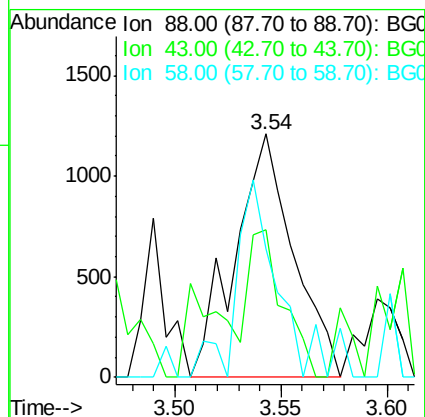
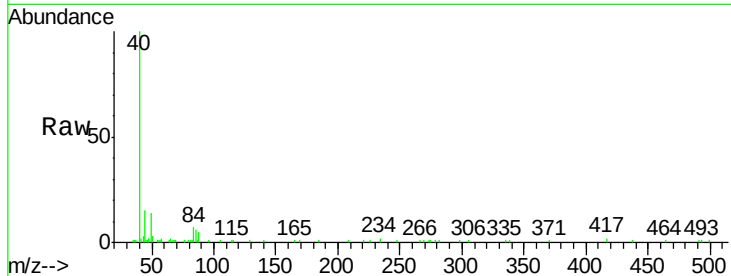
MDL-06-W

Tgt Ion:	88	Resp:	2337
Ion	Ratio	Lower	Upper
88	100		
43	60.4	16.6	24.8#
58	52.7	47.2	70.8

Manual Integrations

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#4

Benzaldehyde

Concen: 3.09 ng/uL

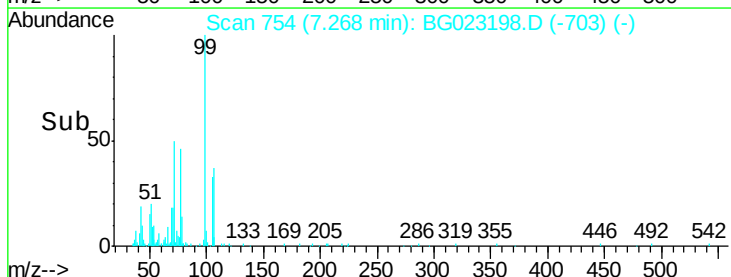
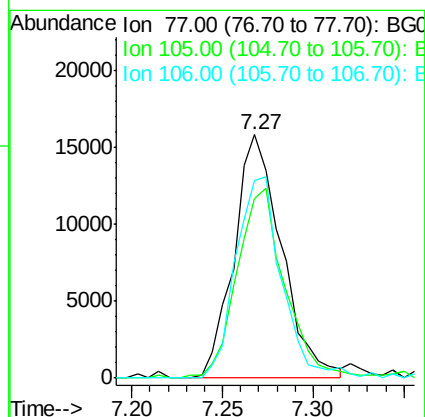
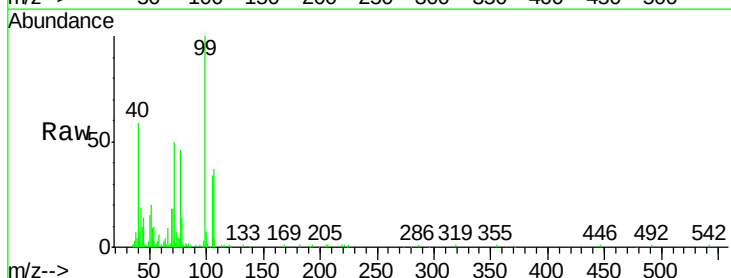
RT: 7.27 min Scan# 754

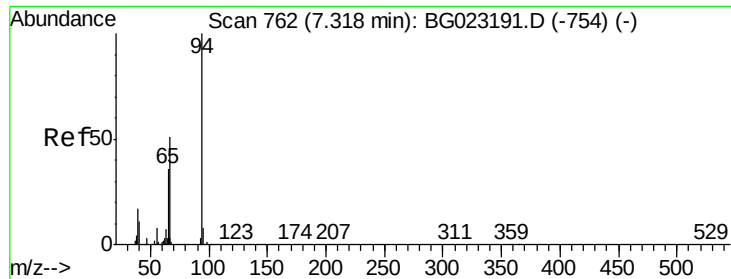
Delta R.T. 0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Tgt Ion:	77	Resp:	28778
Ion	Ratio	Lower	Upper
77	100		
105	73.7	83.8	125.8#
106	81.3	77.9	116.9





#6

Phenol

Concen: 2.26 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Instrument :

BNA_G

ClientSampled :

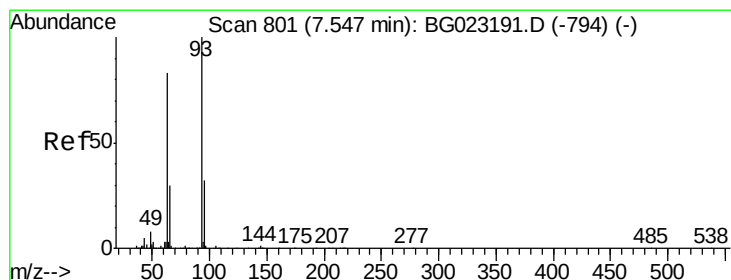
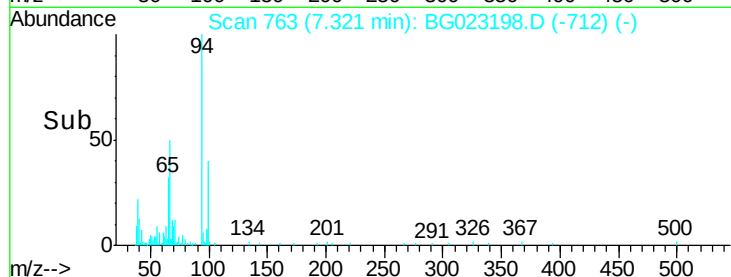
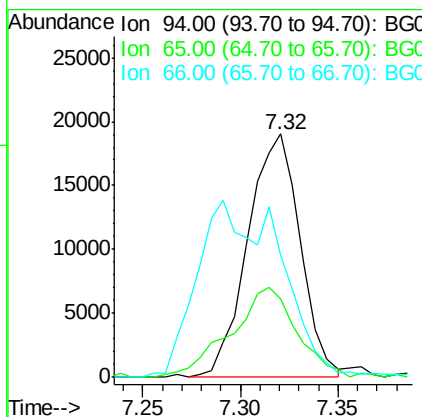
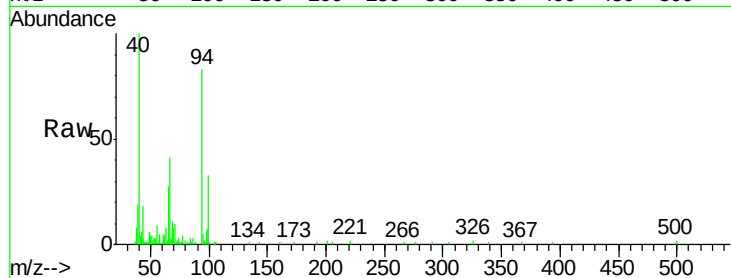
MDL-06-W

Tgt Ion:	94	Resp:	35370
Ion	Ratio	Lower	Upper
94	100		
65	32.5	16.8	25.2#
66	49.9	22.6	33.8#

Manual Integrations

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#8

Bis(2-Chloroethyl)ether

Concen: 2.67 ng/ul

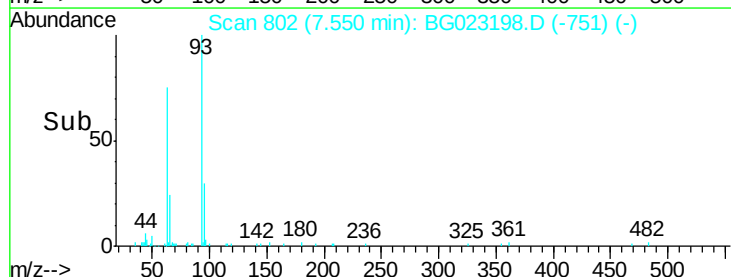
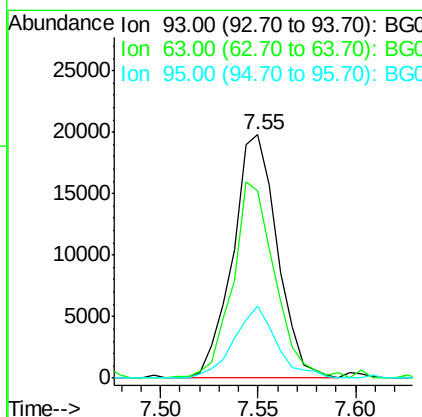
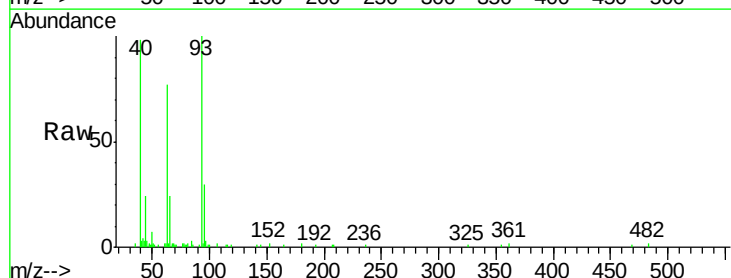
RT: 7.55 min Scan# 802

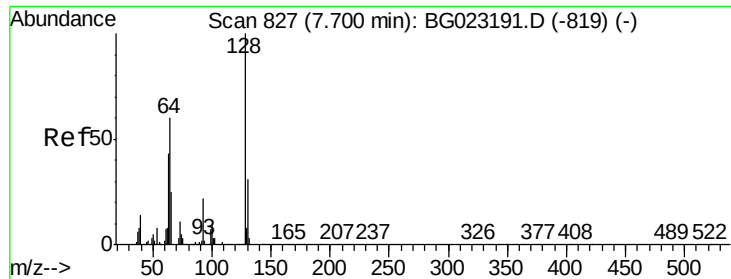
Delta R.T. 0.00 min

Lab File: BG023198.D

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Tgt Ion:	93	Resp:	31314
Ion	Ratio	Lower	Upper
93	100		
63	76.7	56.0	84.0
95	29.7	27.7	41.5





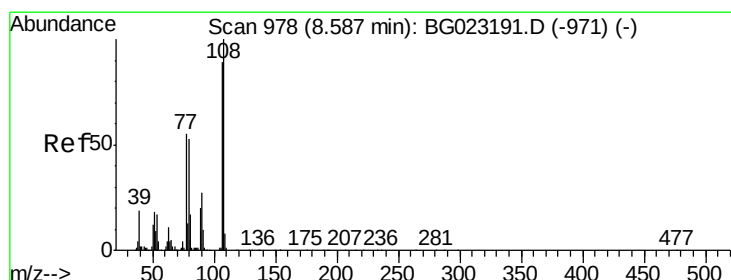
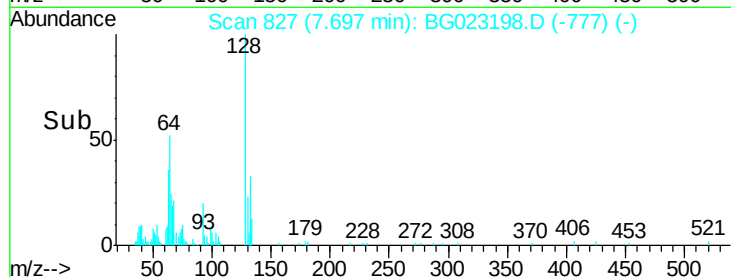
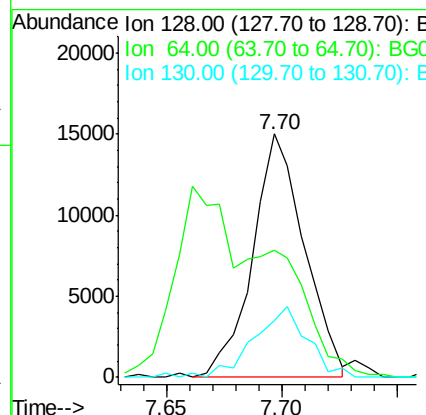
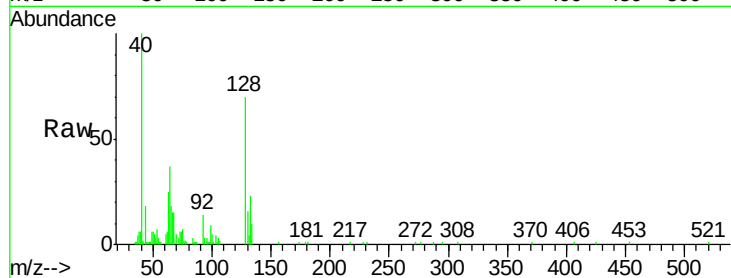
#10
2-Chlorophenol
Concen: 2.26 ng/ul
RT: 7.70 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Instrument :
BNA_G
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MDL-06-W

Tgt Ion	Ratio	Lower	Upper
128	100		
64	52.5	34.2	51.4#
130	23.4	27.0	40.4#

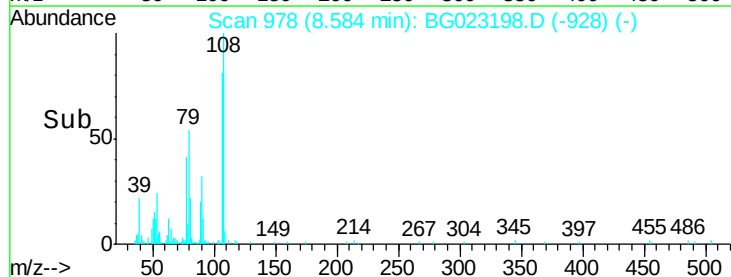
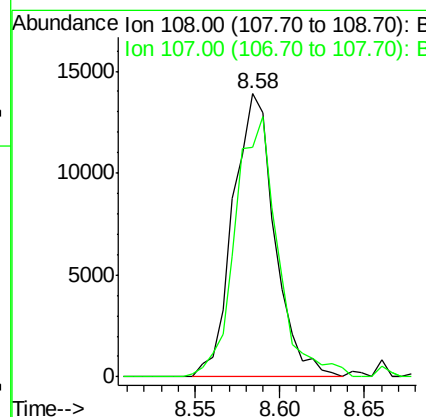
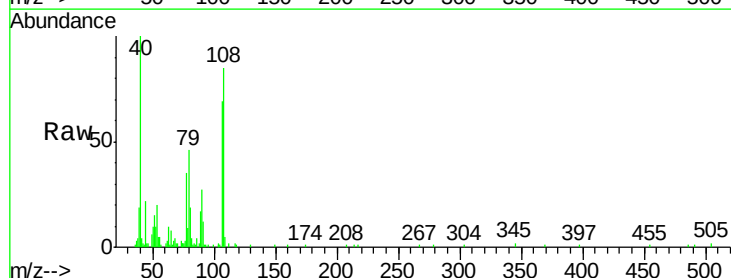
Manual Integrations

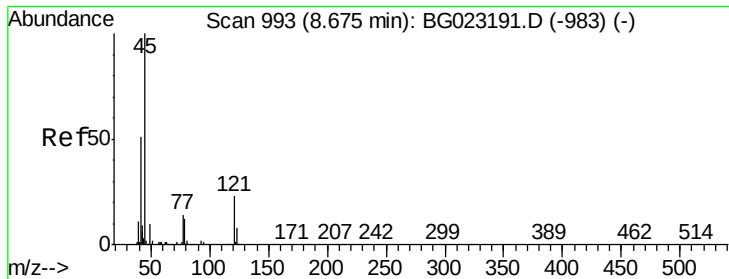
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#11
2-Methylphenol
Concen: 2.07 ng/ul
RT: 8.58 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
108	100		
107	81.2	78.6	117.8





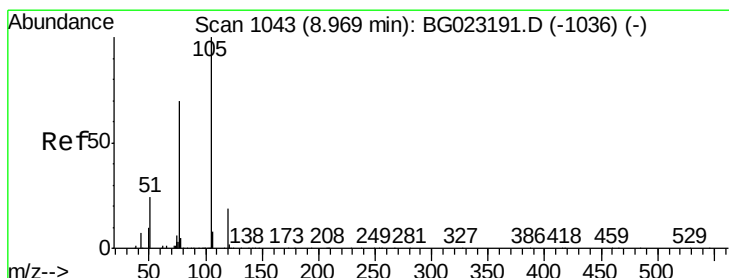
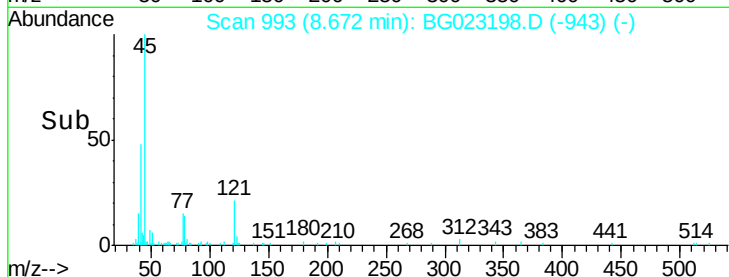
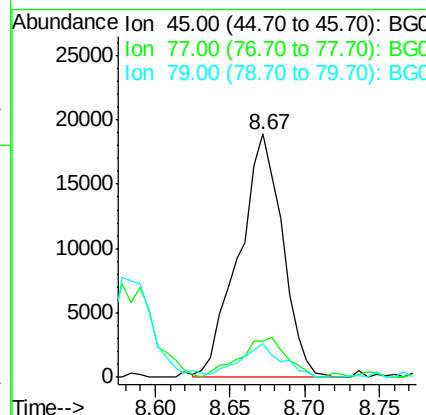
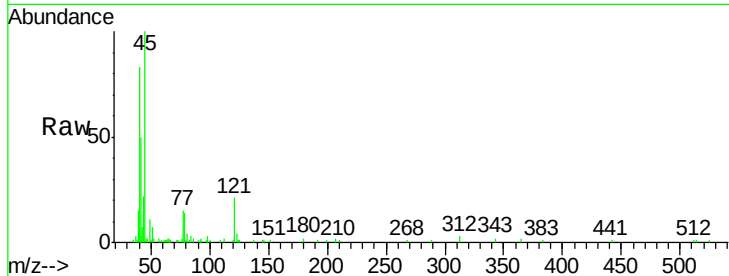
#12
2,2'-oxybis(1-chloropropane)
Concen: 2.41 ng/ul
RT: 8.67 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Instrument :
BNA_G
ClientSampled :
MDL-06-W

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	13.4	20.2
79	14.0	10.2	15.4

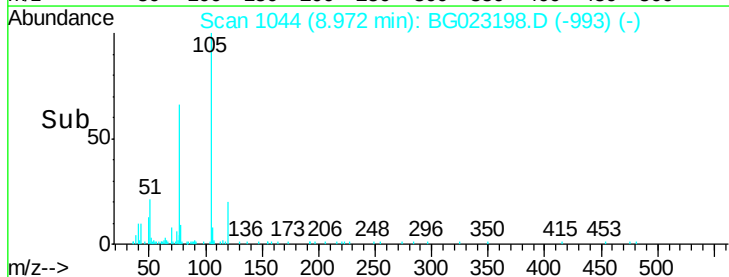
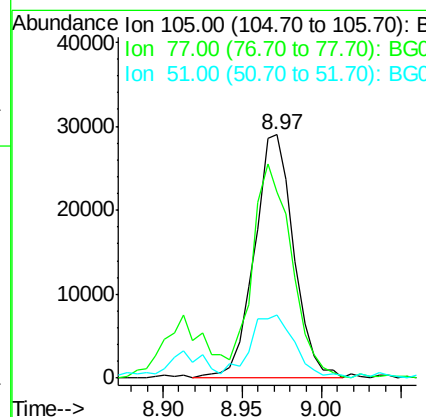
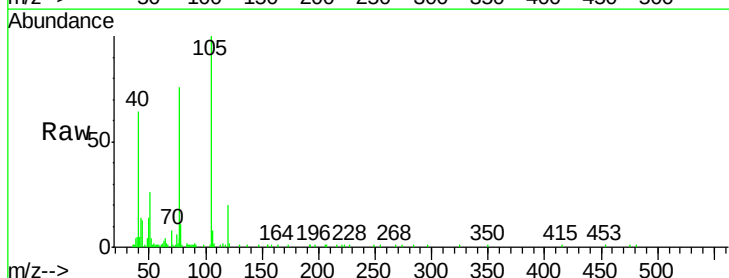
Manual Integrations

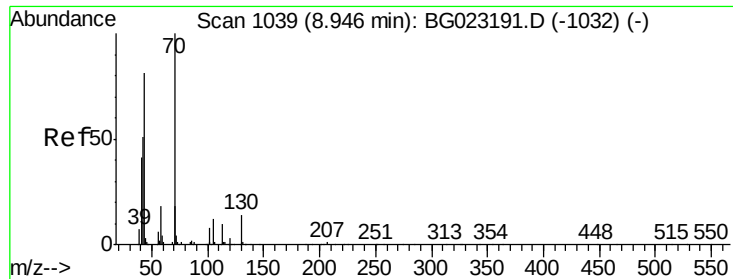
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#14
Acetophenone
Concen: 2.46 ng/ul
RT: 8.97 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
105	100		
77	76.1	56.1	84.1
51	25.7	14.6	22.0





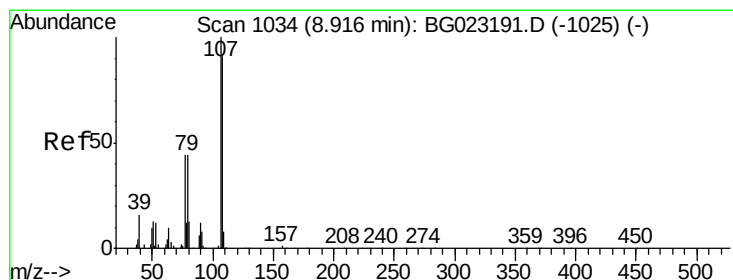
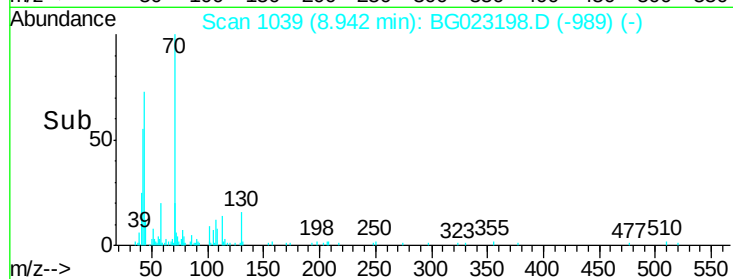
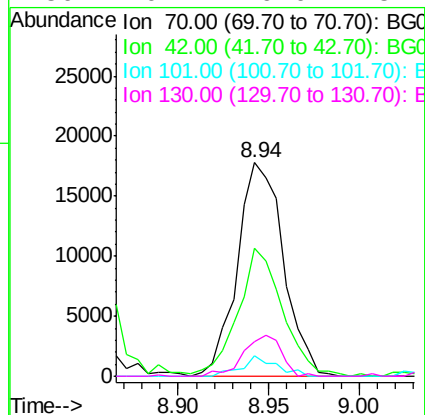
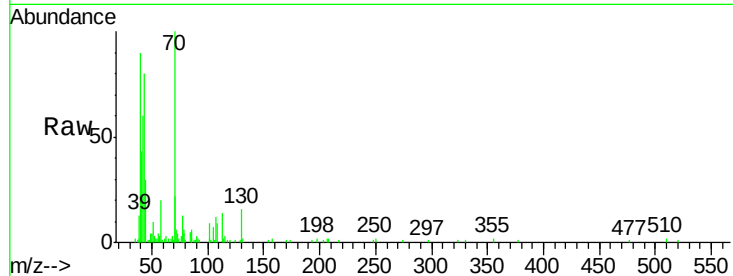
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N-Nitroso-di-n-propylamine
Concen: 2.35 ng/ul
RT: 8.94 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Instrument :
BNA_G
ClientSampled :
MDL-06-W

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.8	31.4	47.2#	
101	9.4	8.6	13.0	
130	16.4	19.0	28.4#	

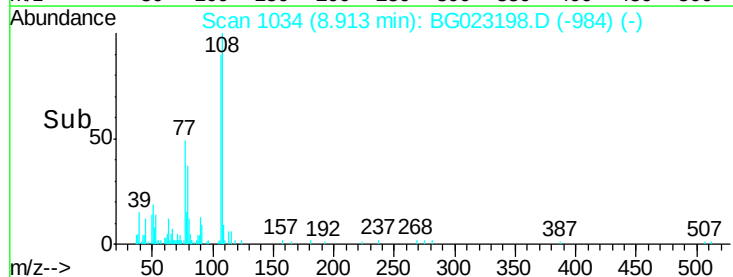
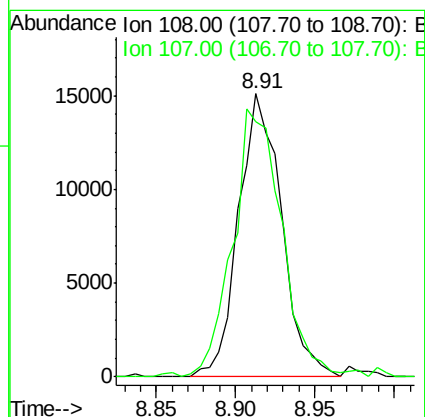
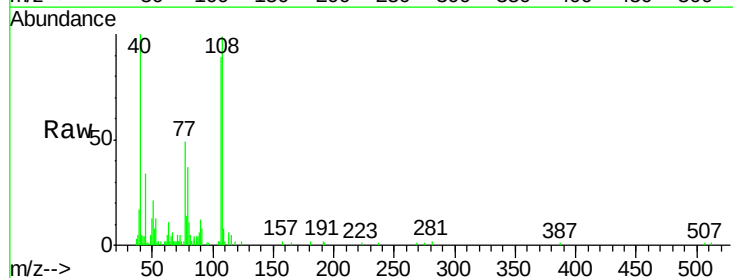
Manual Integrations

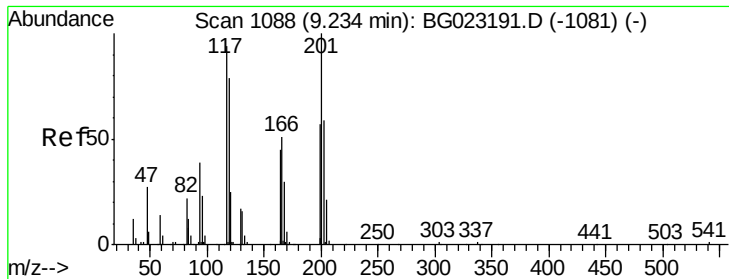
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#16
4-Methylphenol
Concen: 2.21 ng/ul
RT: 8.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	90.1	88.3	132.5	





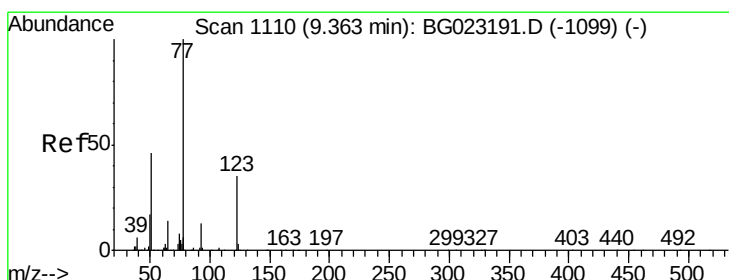
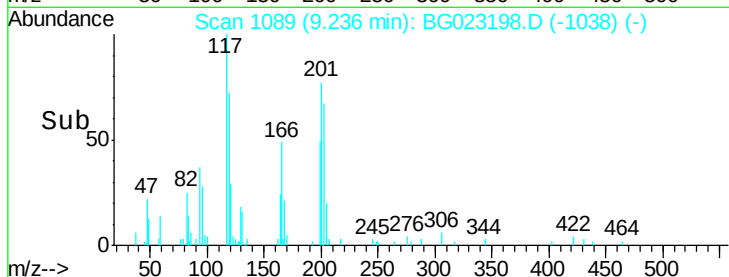
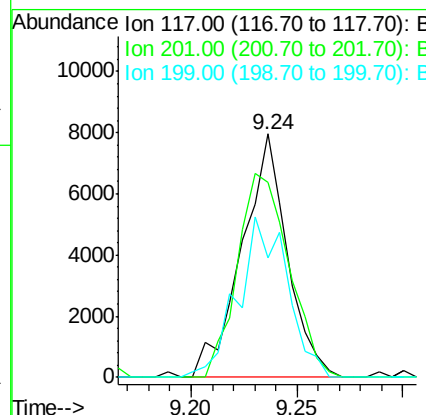
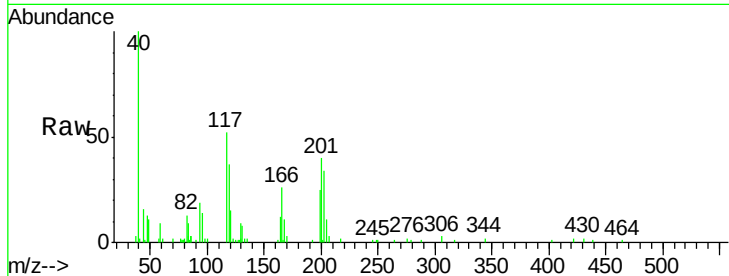
#17
Hexachloroethane
Concen: 2.42 ng/ul
RT: 9.24 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Tgt Ion: 117 Resp: 11887
Ion Ratio Lower Upper
117 100
201 79.8 76.8 115.2
199 49.1 43.5 65.3

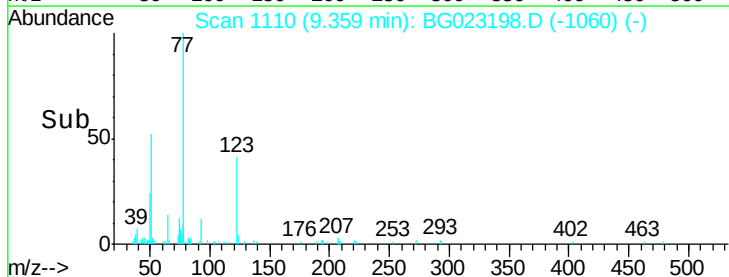
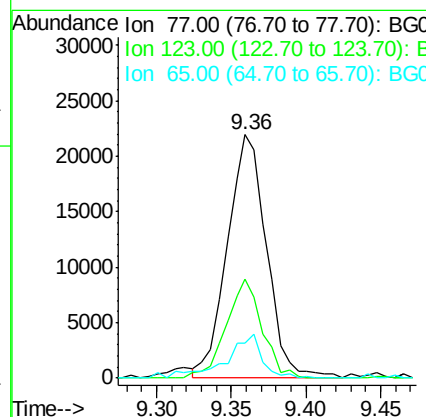
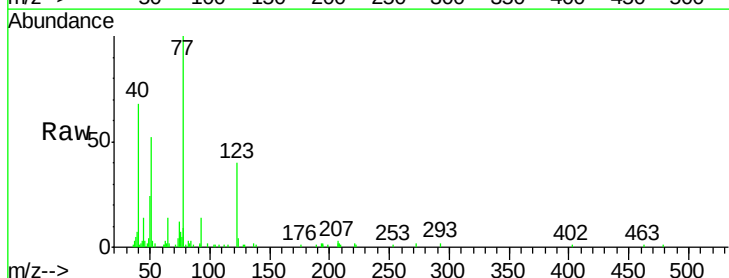
Manual Integrations

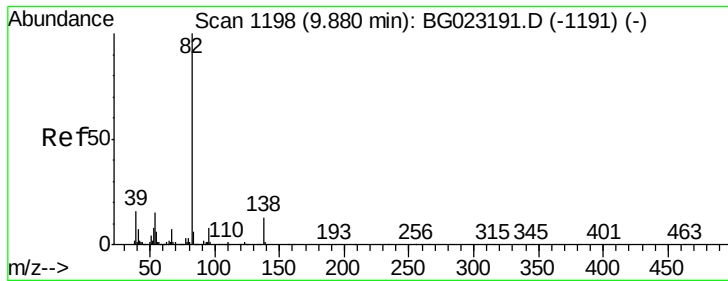
sohil
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#20
Nitrobenzene
Concen: 2.20 ng/ul
RT: 9.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Tgt Ion: 77 Resp: 40194
Ion Ratio Lower Upper
77 100
123 40.4 39.5 59.3
65 14.2 9.0 13.4#





#21

Isophorone

Concen: 2.34 ng/ul

RT: 9.88 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG023198.D

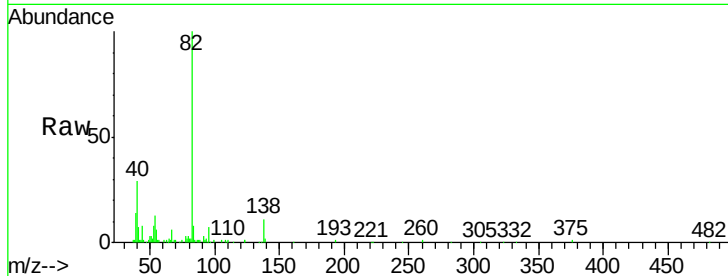
Acq: 20 Jul 2016 21:53

Instrument :

BNA_G

ClientSampleId :

MDL-06-W

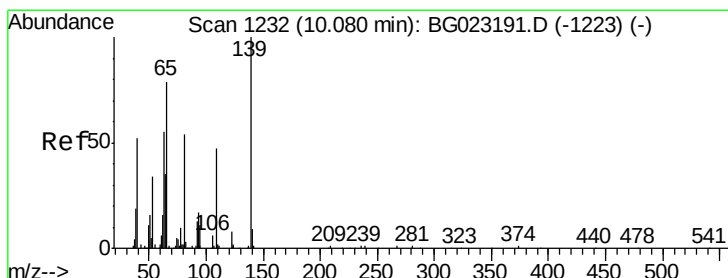
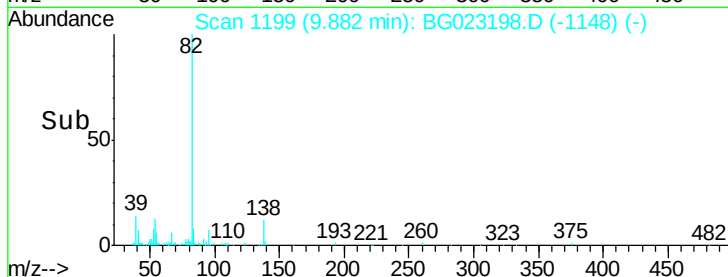
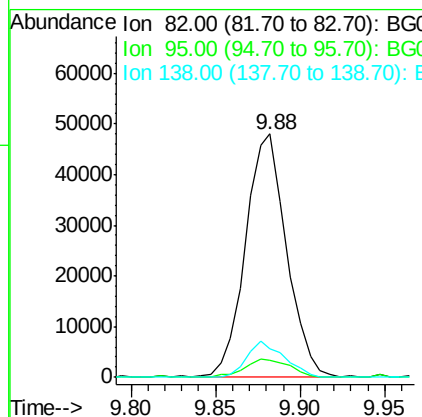


Tgt Ion	82	95	138
Ratio	100	7.2	11.5
Lower		5.1	15.0
Upper		7.7	22.6#

Manual Integrations

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#23

2-Nitrophenol

Concen: 2.33 ng/ul m

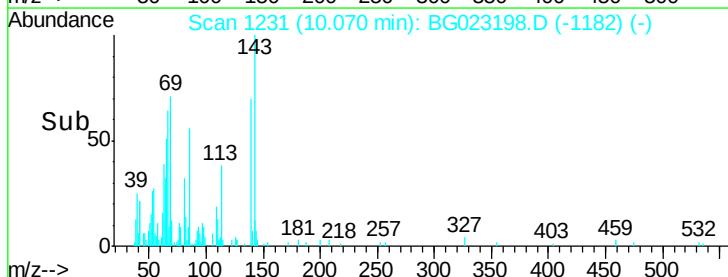
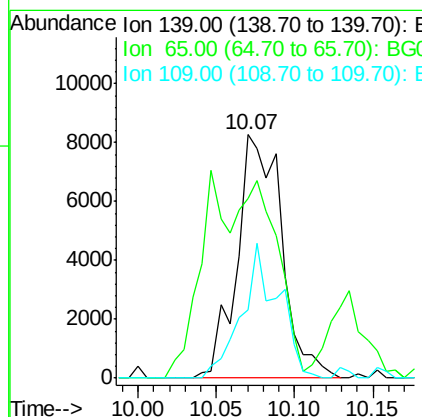
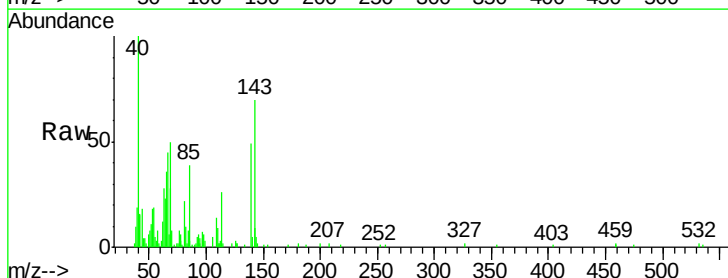
RT: 10.07 min Scan# 1231

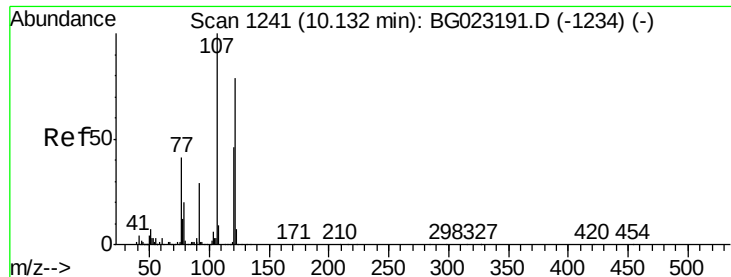
Delta R.T. -0.01 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Tgt Ion	139	65	109
Ratio	100	73.6	27.9
Lower		31.8	17.1
Upper		47.8#	25.7#





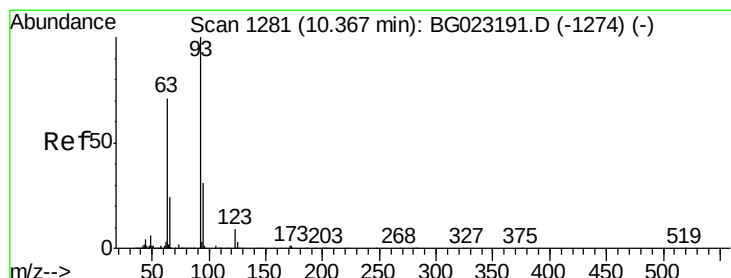
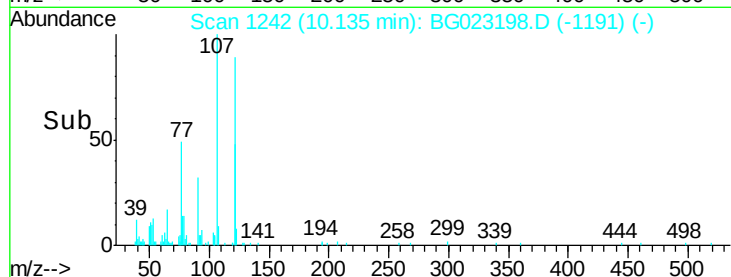
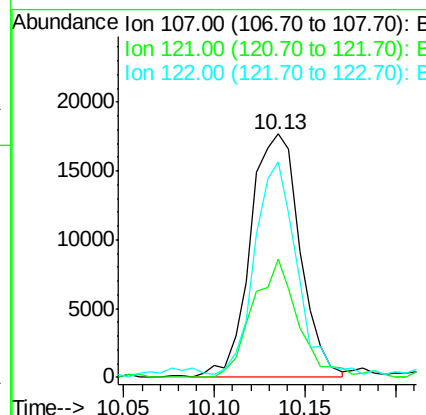
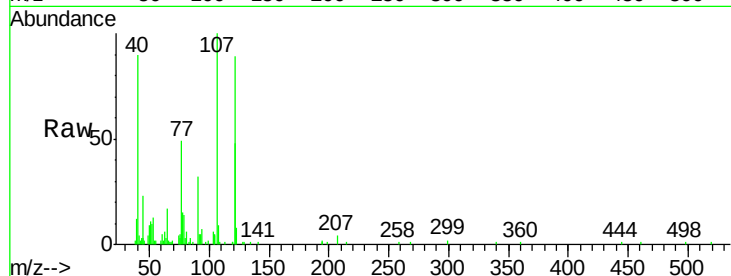
#24
2,4-Dimethylphenol
Concen: 2.08 ng/ul
RT: 10.13 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Tgt Ion	Ratio	Lower	Upper
107	100		
121	48.5	43.7	65.5
122	88.6	70.3	105.5

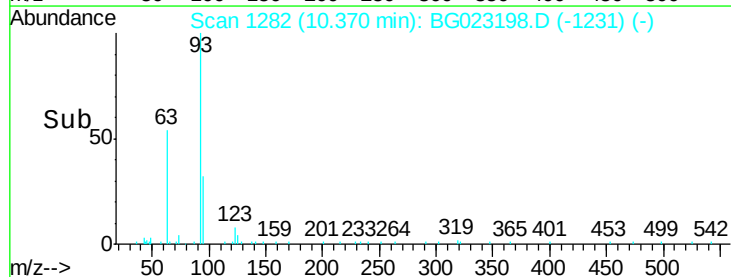
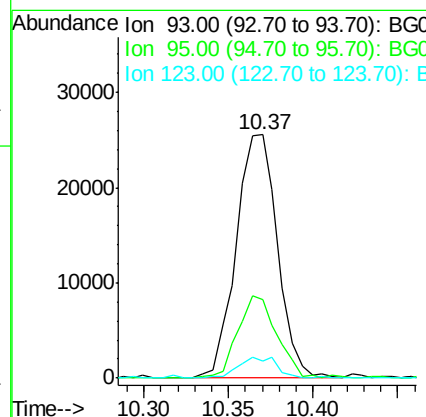
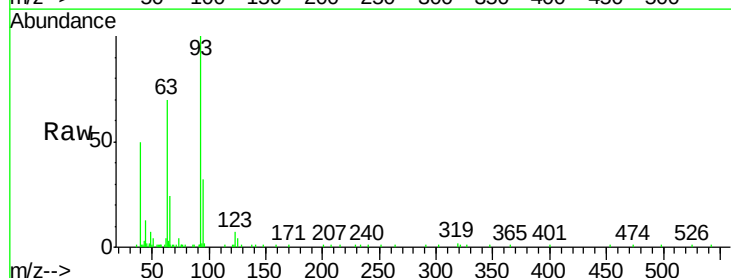
Manual Integrations

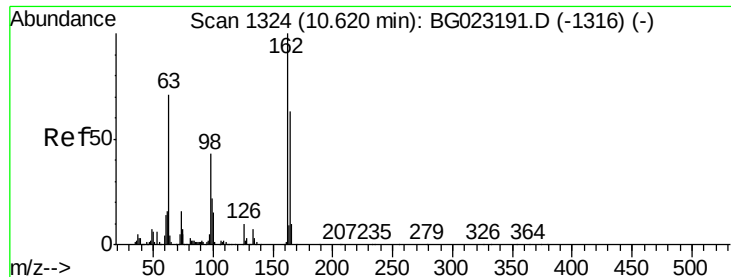
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#25
Bis(2-Chloroethoxy)methane
Concen: 2.26 ng/ul
RT: 10.37 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.0	39.0
123	7.2	10.1	15.1





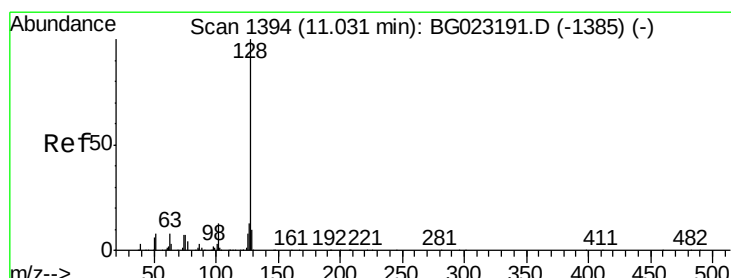
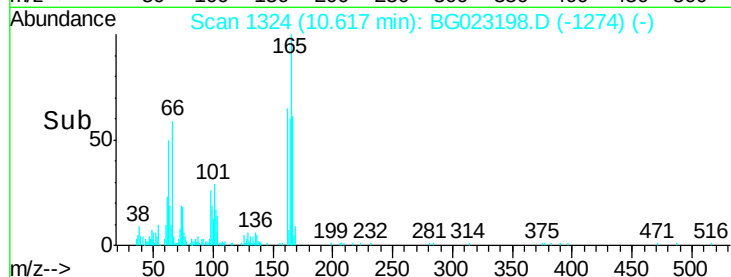
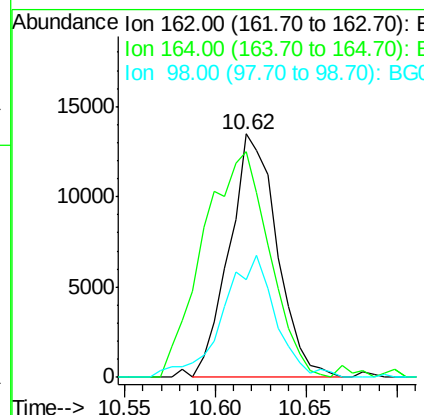
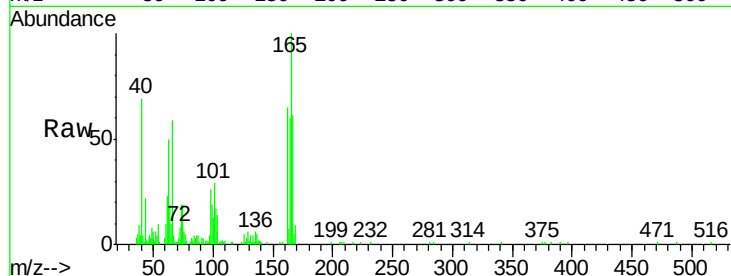
#27
 2,4-Dichlorophenol
 Concen: 2.00 ng/ul
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BG023198.D
 Acq: 20 Jul 2016 21:53

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-W

Tgt Ion	Ratio	Lower	Upper
162	100		
164	92.6	51.6	77.4#
98	40.2	28.3	42.5

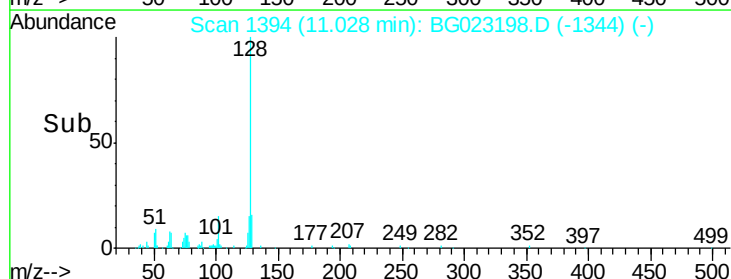
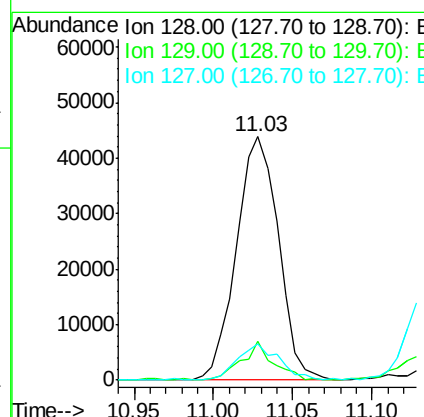
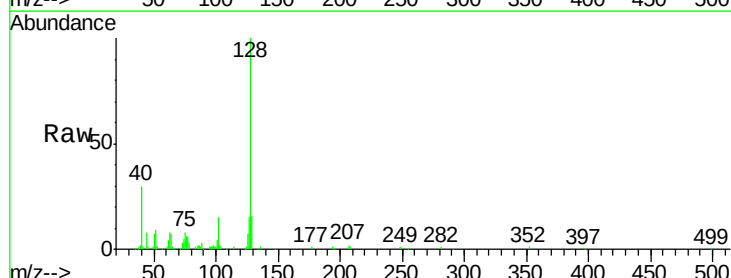
Manual Integrations

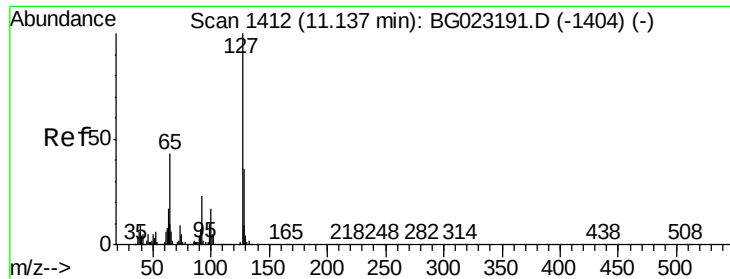
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#28
 Naphthalene
 Concen: 2.28 ng/ul
 RT: 11.03 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BG023198.D
 Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.9	9.4	14.2#
127	15.0	11.2	16.8





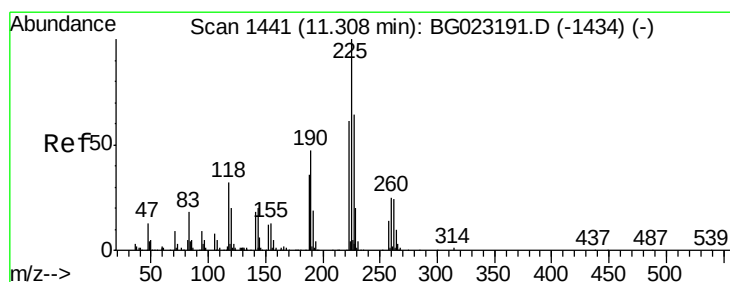
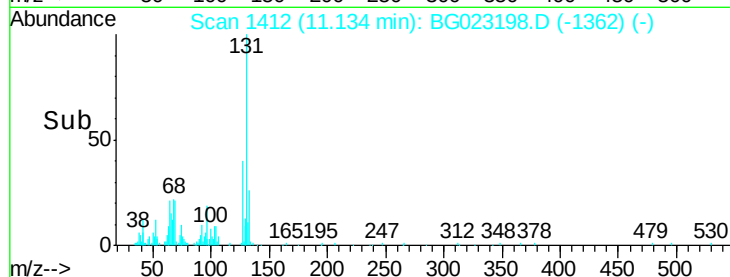
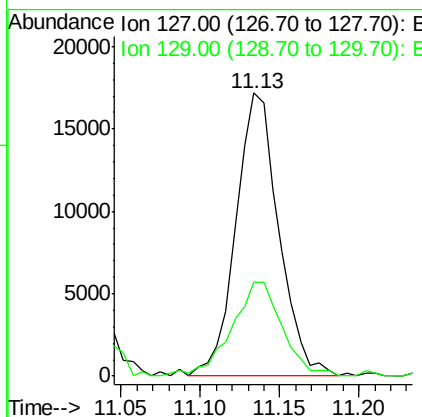
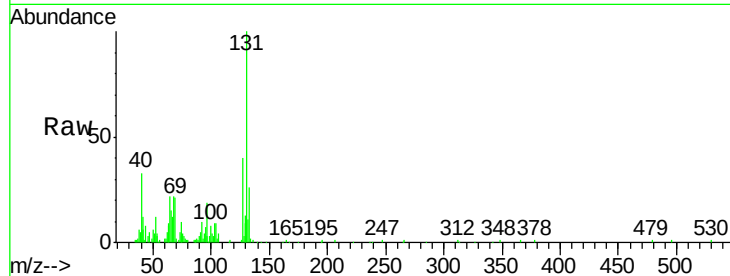
#30
4-Chloroaniline
Concen: 2.43 ng/ul
RT: 11.13 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.9	40.3

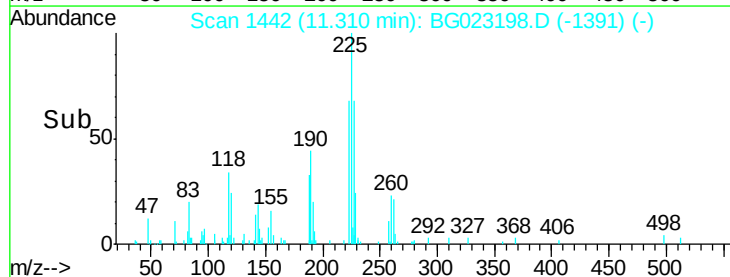
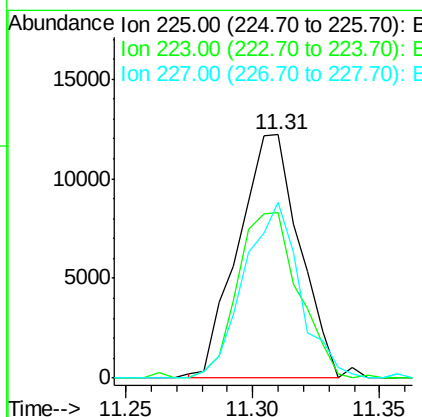
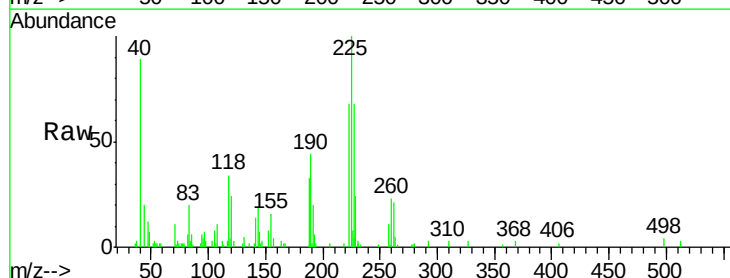
Manual Integrations

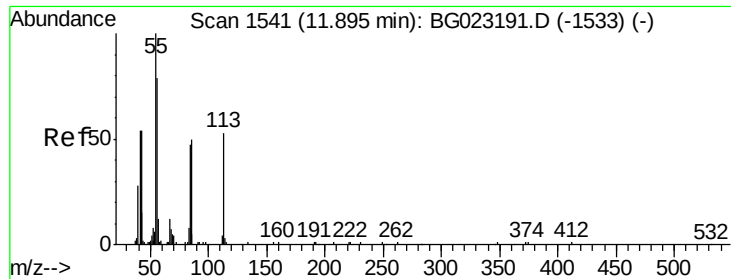
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#31
Hexachlorobutadiene
Concen: 2.09 ng/ul
RT: 11.31 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.8	54.7	82.1
227	72.3	52.2	78.4





#32

Caprolactam

Concen: 2.43 ng/ul m

RT: 11.92 min Scan# 1546

Delta R.T. 0.03 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Instrument :

BNA_G

ClientSampled :

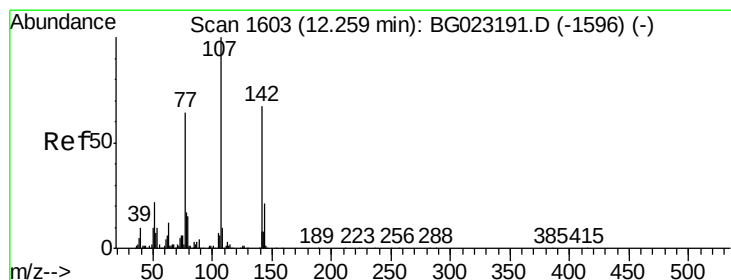
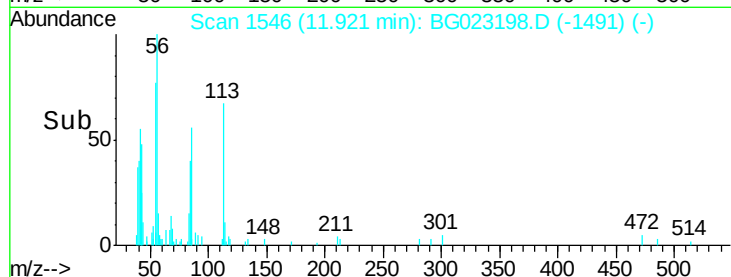
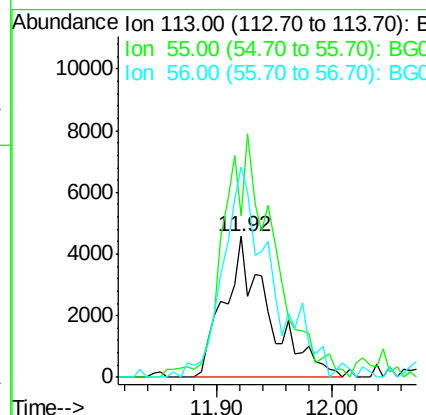
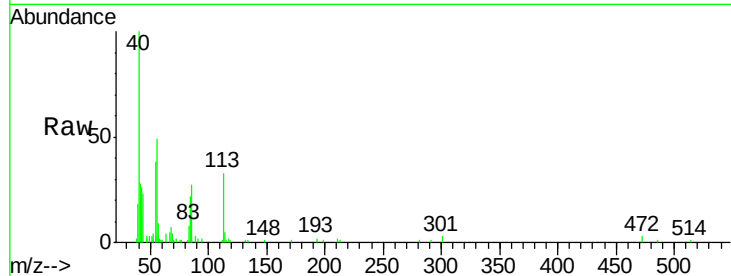
MDL-06-W

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	12390		
55	114.8	99.6	149.4	
56	149.6	66.4	99.6	

Manual Integrations

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#33

4-Chloro-3-methylphenol

Concen: 2.07 ng/ul

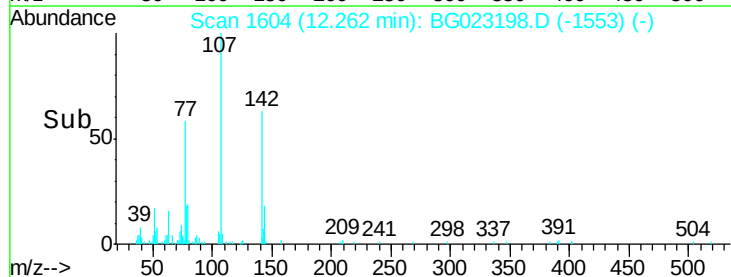
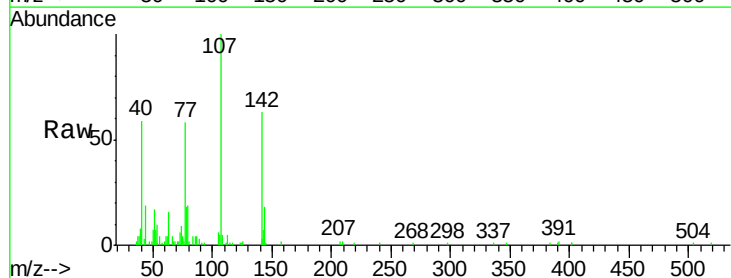
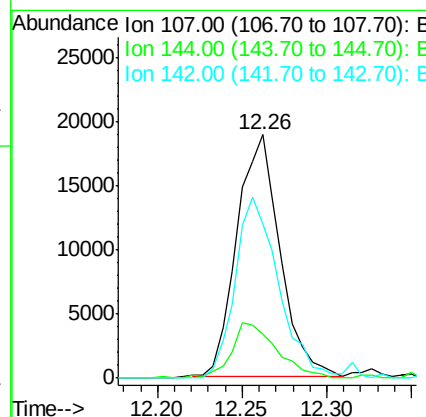
RT: 12.26 min Scan# 1604

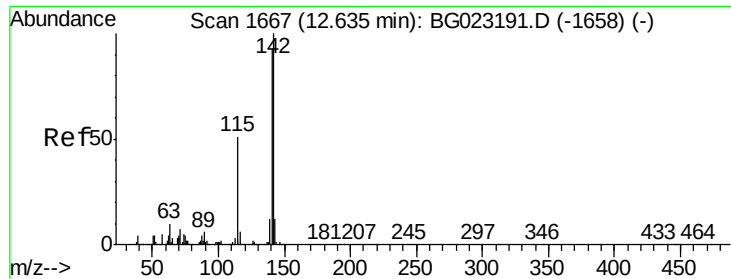
Delta R.T. 0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	33374		
144	18.0	22.7	34.1	
142	63.5	71.6	107.4	





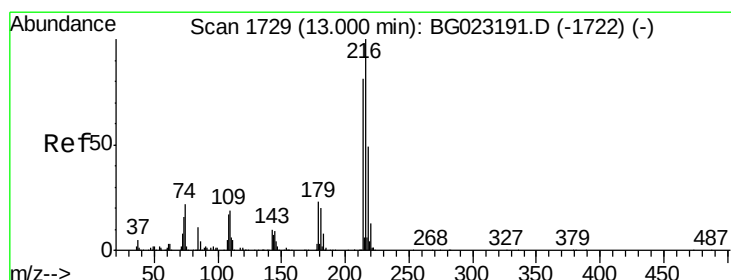
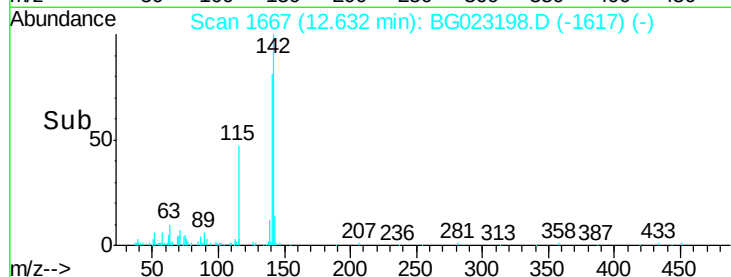
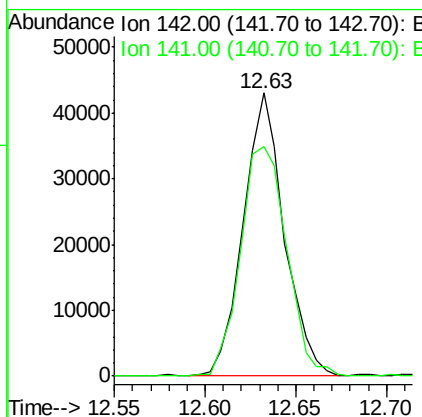
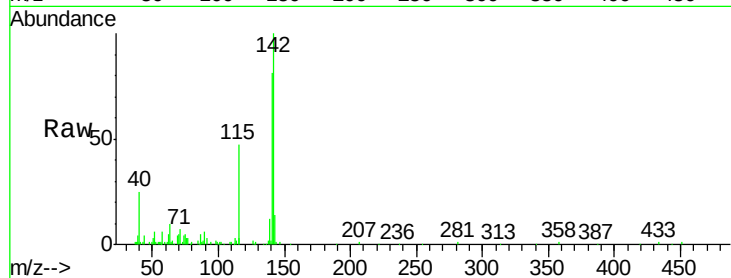
#34
 2-Methylnaphthalene
 Concen: 2.29 ng/ul
 RT: 12.63 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG023198.D
 Acq: 20 Jul 2016 21:53

Instrument :
 BNA_G
 ClientSampleID :
 MDL-06-W

Tgt Ion:142 Resp: 67405
 Ion Ratio Lower Upper
 142 100
 141 81.0 75.2 112.8

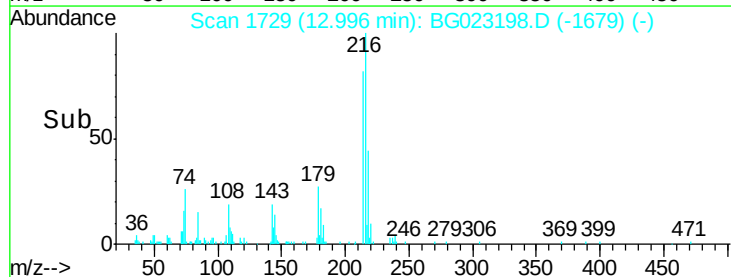
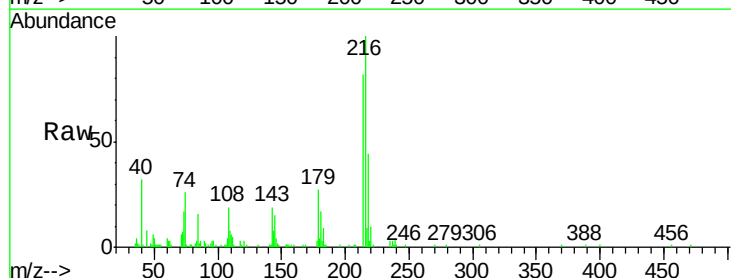
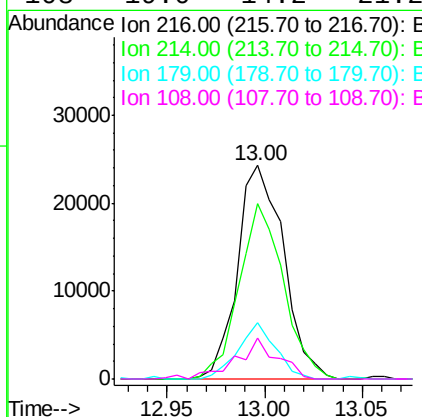
Manual Integrations

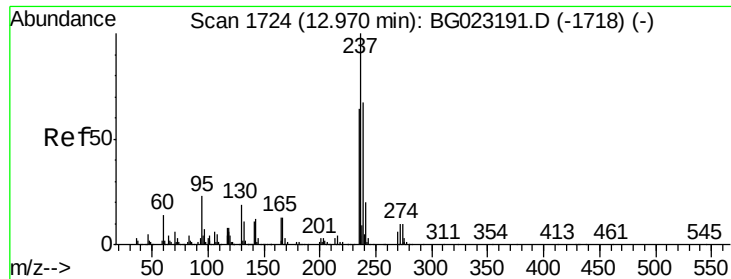
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.24 ng/ul
 RT: 13.00 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG023198.D
 Acq: 20 Jul 2016 21:53

Tgt Ion:216 Resp: 39711
 Ion Ratio Lower Upper
 216 100
 214 82.2 61.7 92.5
 179 26.6 17.0 25.4#
 108 19.0 14.2 21.2





#37

Hexachlorocyclopentadiene

Concen: 1.79 ng/ul

RT: 12.97 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Instrument :

BNA_G

ClientSampleId :

MDL-06-W

Tgt Ion:237 Resp: 20585

Ion Ratio Lower Upper

237 100

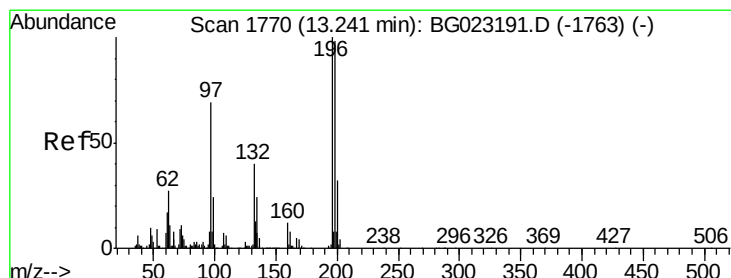
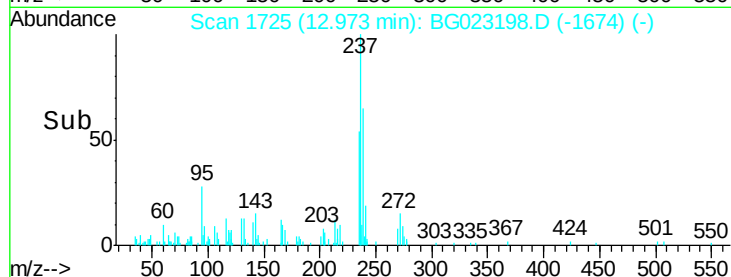
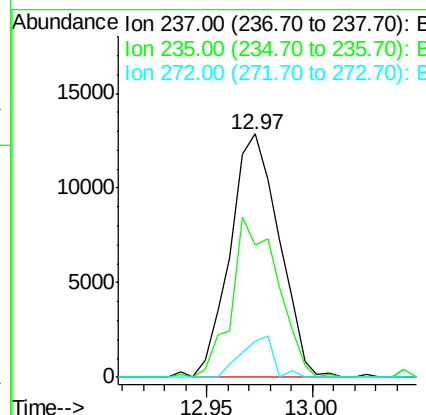
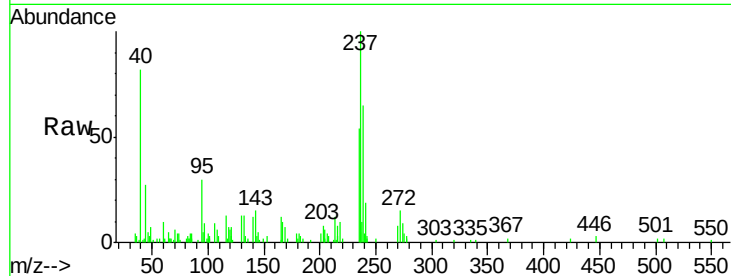
235 54.4 49.6 74.4

272 14.9 9.3 13.9#

Manual Integrations

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#38

2,4,6-Trichlorophenol

Concen: 1.96 ng/ul

RT: 13.24 min Scan# 1770

Delta R.T. -0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

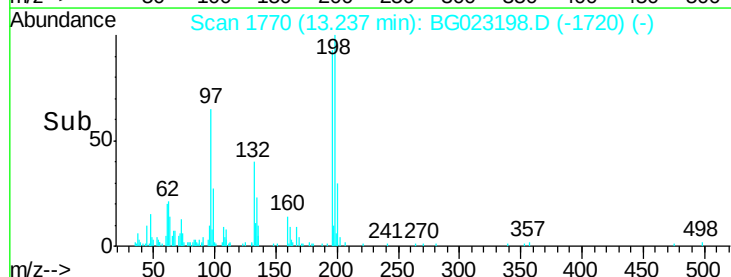
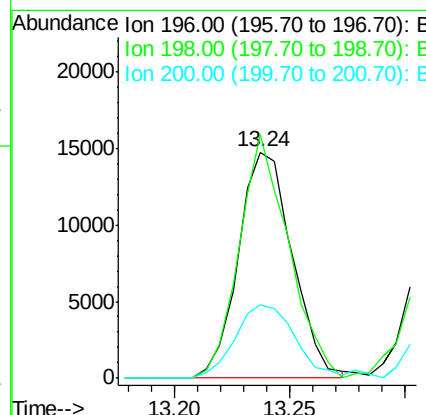
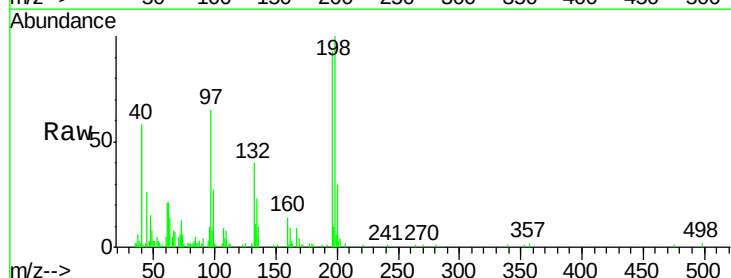
Tgt Ion:196 Resp: 23991

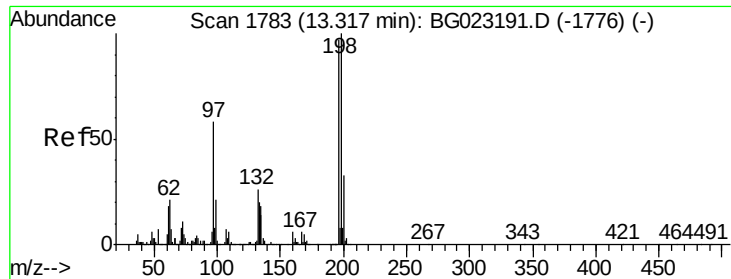
Ion Ratio Lower Upper

196 100

198 107.8 77.4 116.0

200 32.8 26.6 39.8





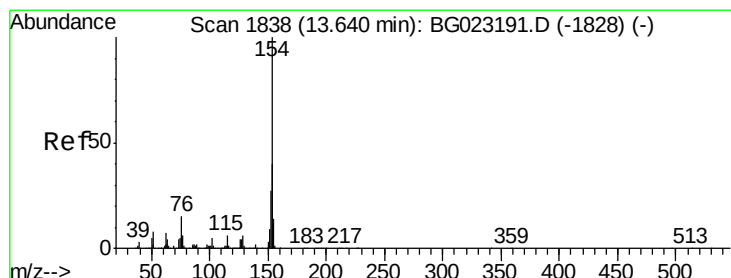
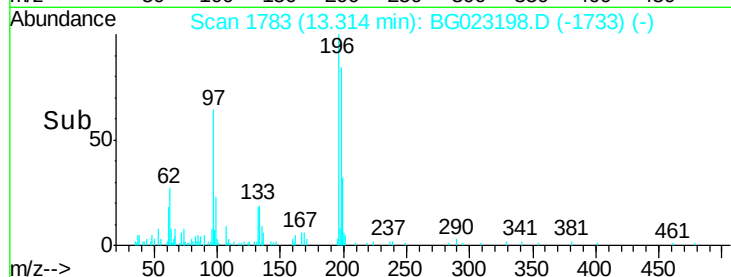
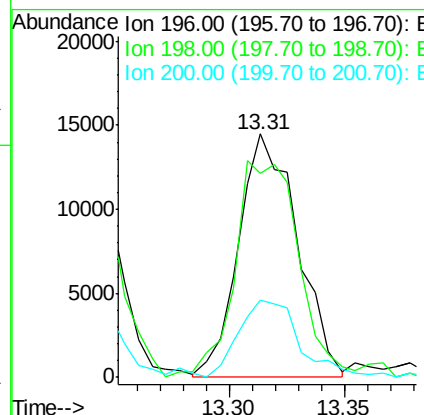
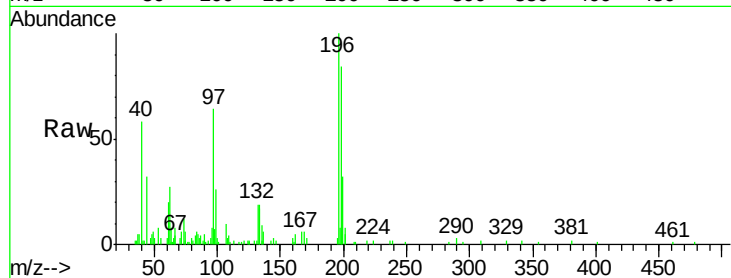
#39
 2,4,5-Trichlorophenol
 Concen: 2.06 ng/ul
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BG023198.D
 Acq: 20 Jul 2016 21:53

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-W

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	25793		
198	83.9	79.8	119.8	
200	31.7	24.0	36.0	

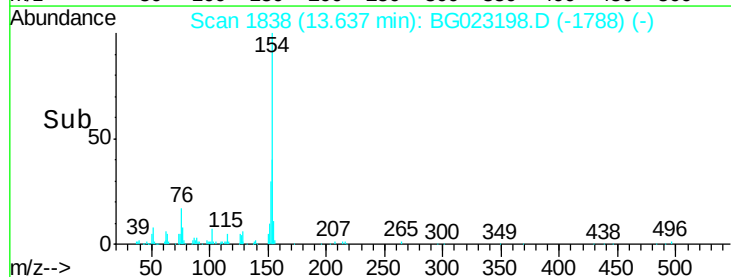
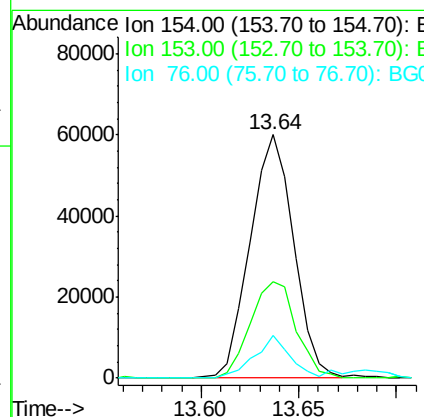
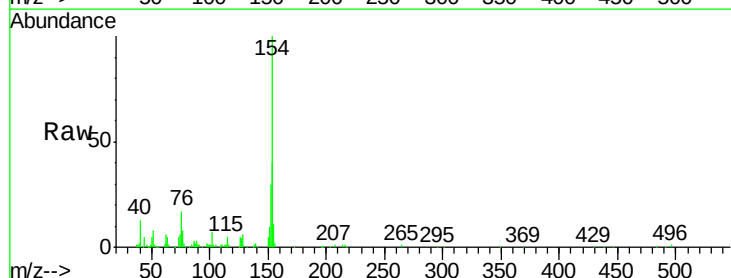
Manual Integrations

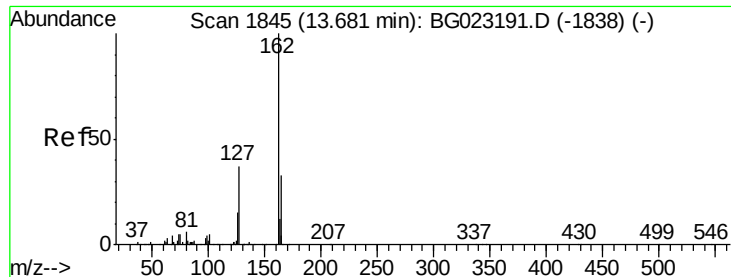
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#40
 1,1'-Biphenyl
 Concen: 2.33 ng/ul
 RT: 13.64 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BG023198.D
 Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	92760		
153	39.6	34.6	52.0	
76	17.4	11.9	17.9	





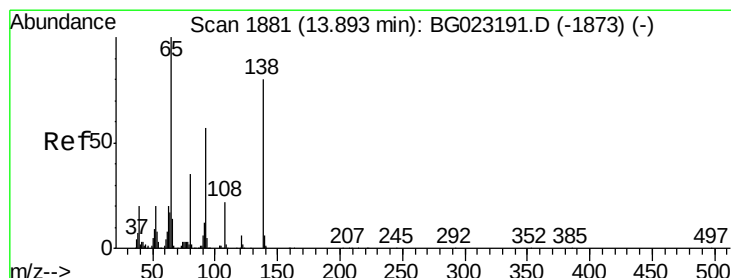
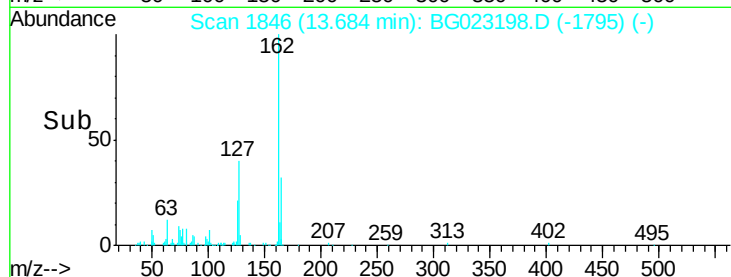
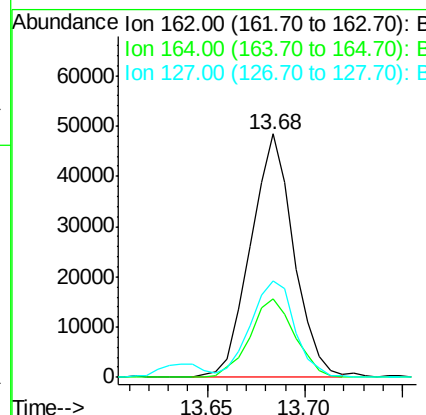
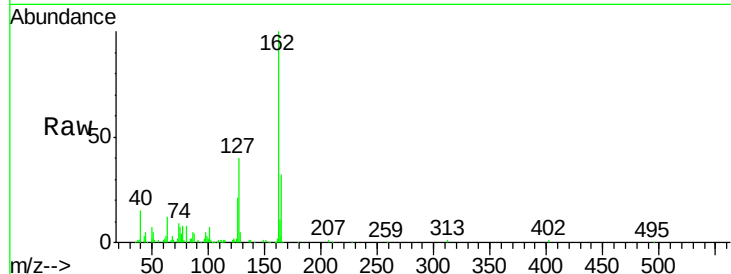
#41
 2-Chloronaphthalene
 Concen: 2.30 ng/ul
 RT: 13.68 min Scan# 1846
 Delta R.T. 0.00 min
 Lab File: BG023198.D
 Acq: 20 Jul 2016 21:53

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-W

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.1	25.4	38.2
127	39.5	30.2	45.4

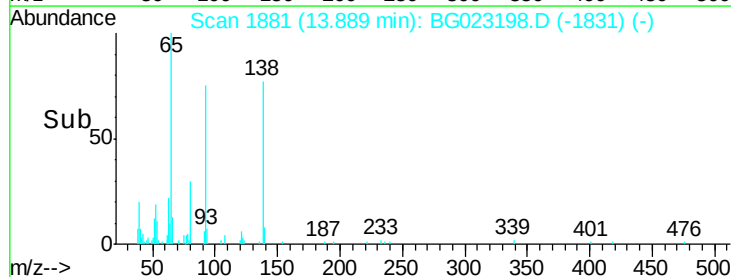
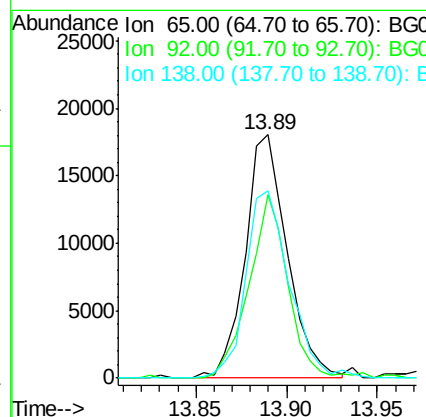
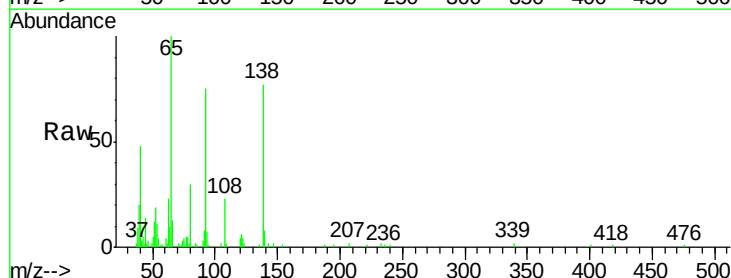
Manual Integrations

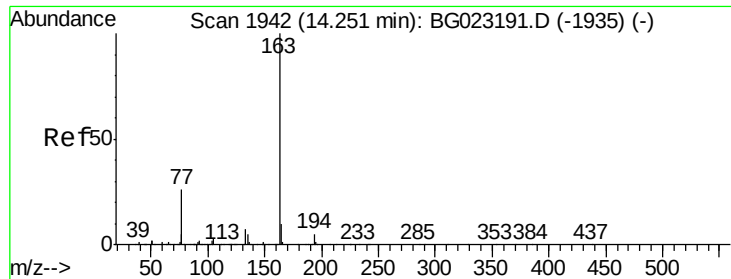
sohil
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#42
 2-Nitroaniline
 Concen: 2.04 ng/ul
 RT: 13.89 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG023198.D
 Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	67.1	100.7
138	76.9	109.6	164.4#





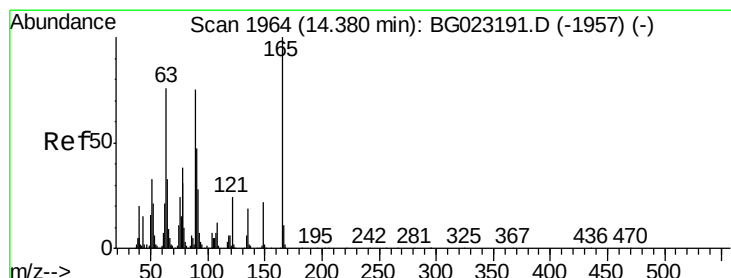
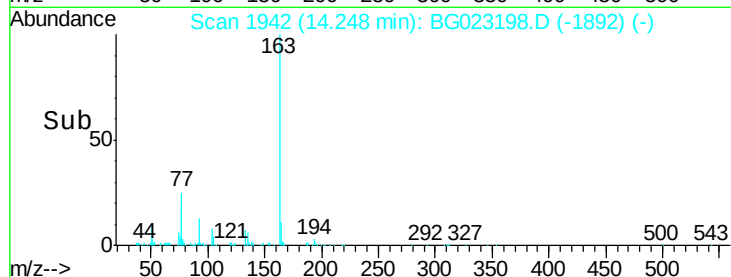
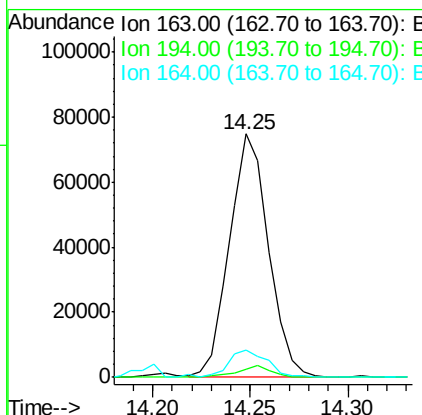
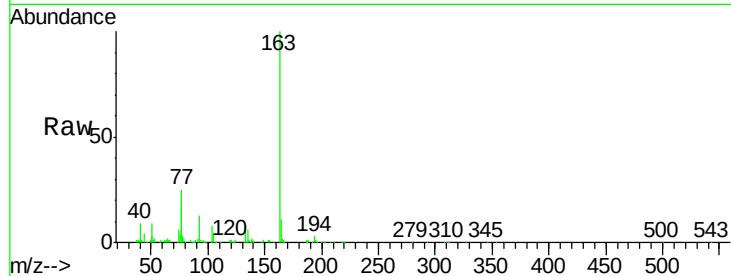
#44
Dimethylphthalate
Concen: 2.32 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.4	5.2#
164	11.3	8.8	13.2

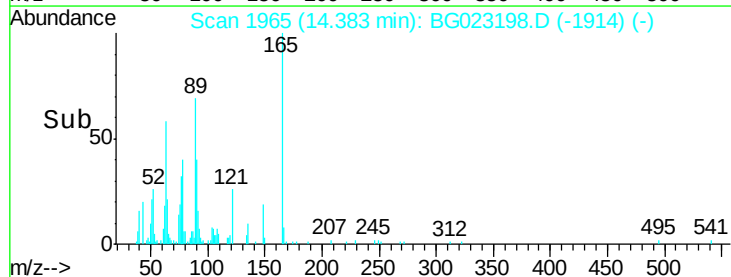
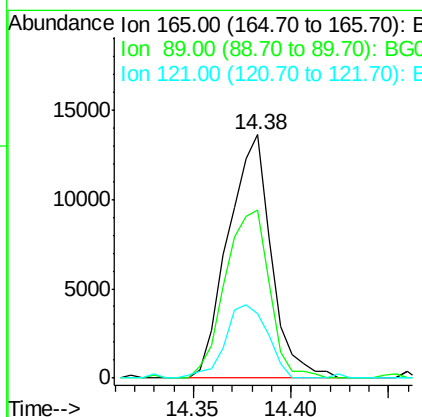
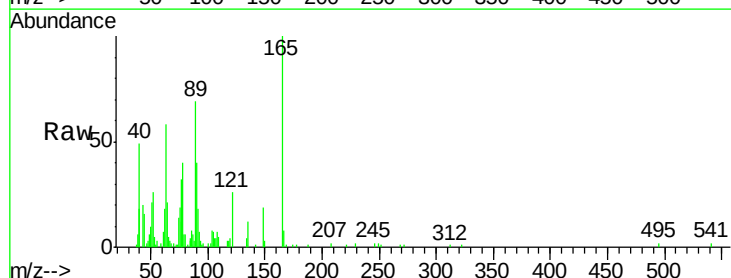
Manual Integrations

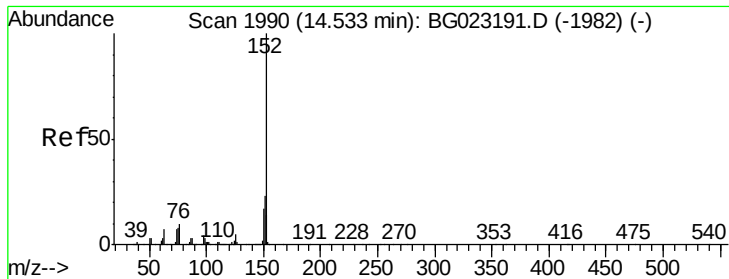
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#45
2,6-Dinitrotoluene
Concen: 2.15 ng/ul
RT: 14.38 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
165	100		
89	69.3	41.5	62.3#
121	26.2	17.0	25.4#





#47

Acenaphthylene

Concen: 2.34 ng/ul

RT: 14.54 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG023198.D

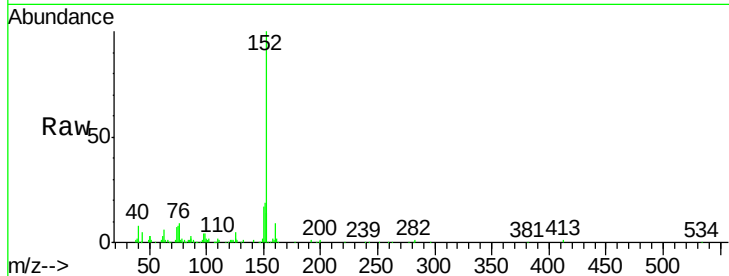
Acq: 20 Jul 2016 21:53

Instrument :

BNA_G

ClientSampleId :

MDL-06-W

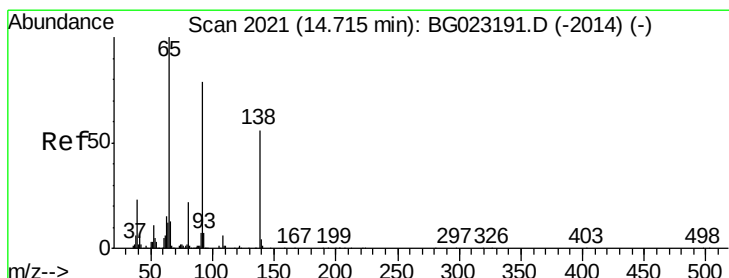
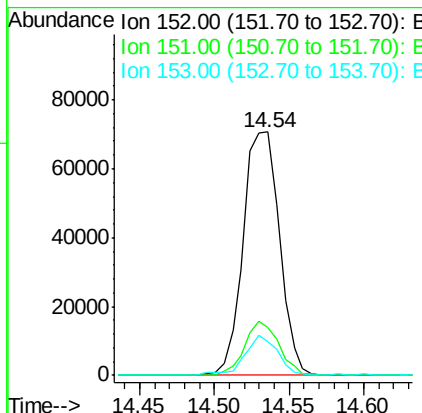
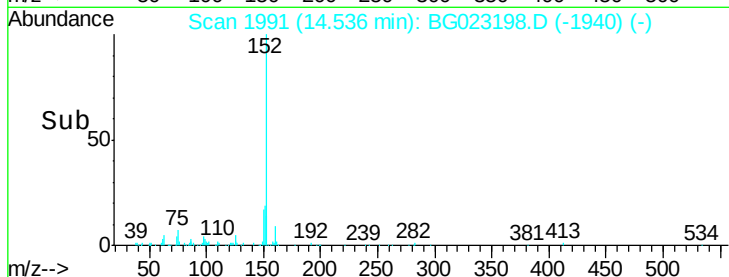


Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	17.5	26.3
153	14.1	11.1	16.7

Manual Integrations

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#48

3-Nitroaniline

Concen: 2.43 ng/ul

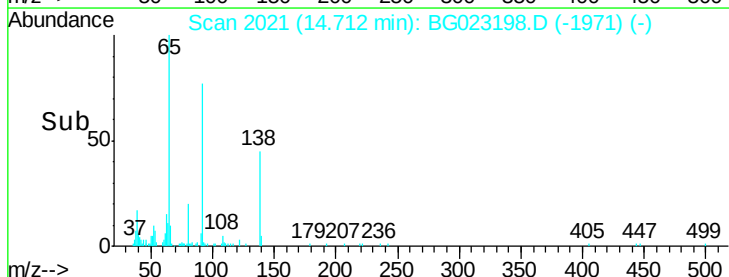
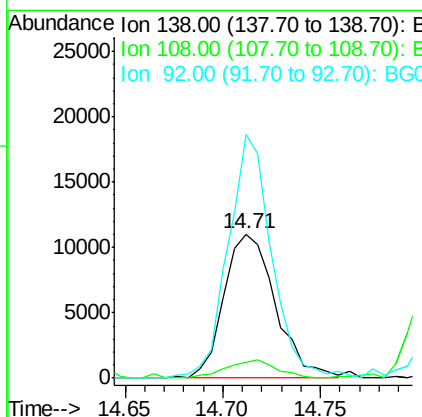
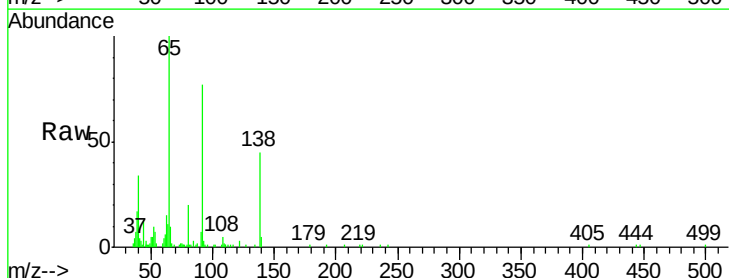
RT: 14.71 min Scan# 2021

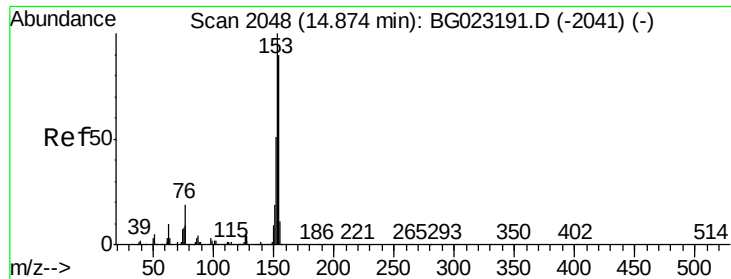
Delta R.T. -0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.0	6.2	9.2#
92	168.6	79.3	118.9#





#49

Acenaphthene

Concen: 2.26 ng/ul

RT: 14.88 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Instrument :

BNA_G

ClientSampleId :

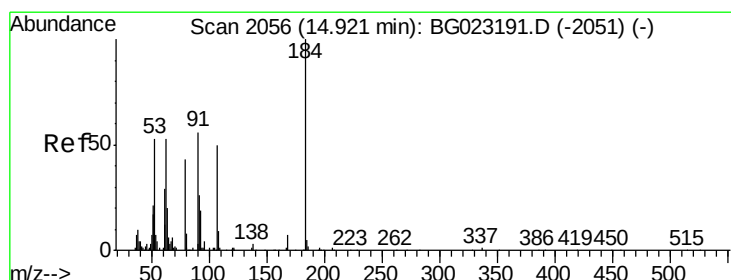
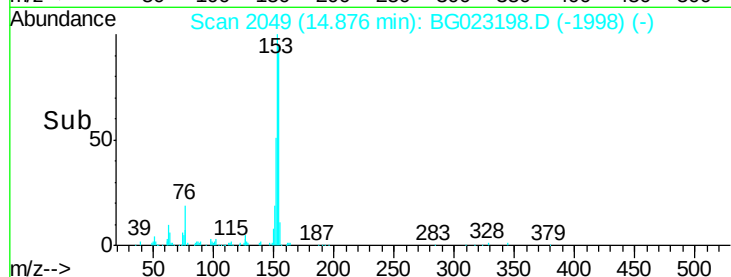
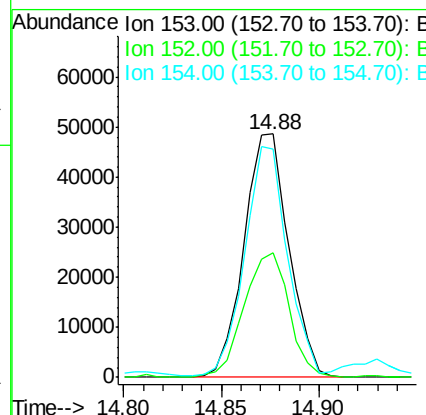
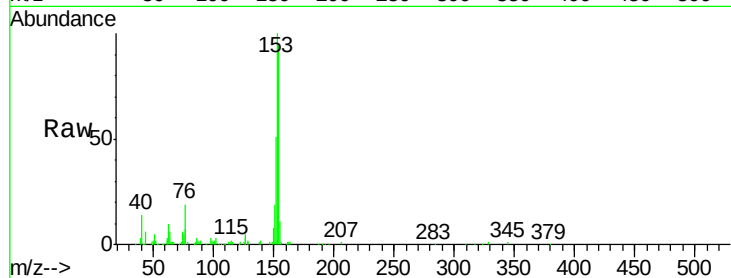
MDL-06-W

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.3	37.3	55.9
154	93.8	68.2	102.2

Manual Integrations

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#50

2,4-Dinitrophenol

Concen: 1.35 ng/ul

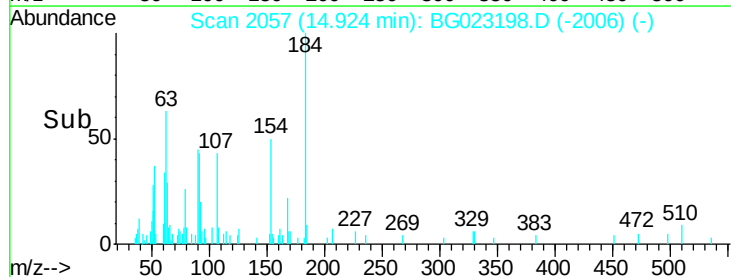
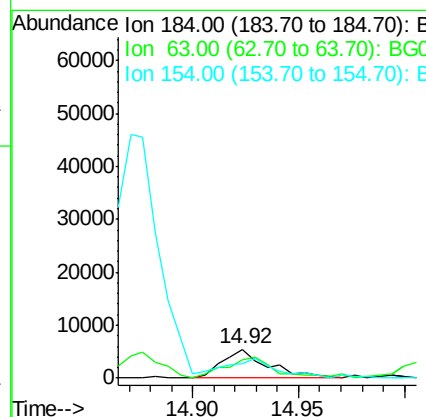
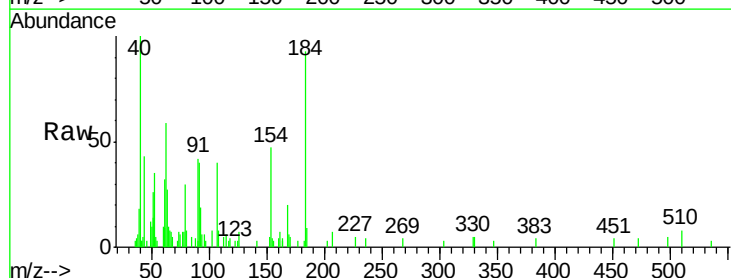
RT: 14.92 min Scan# 2057

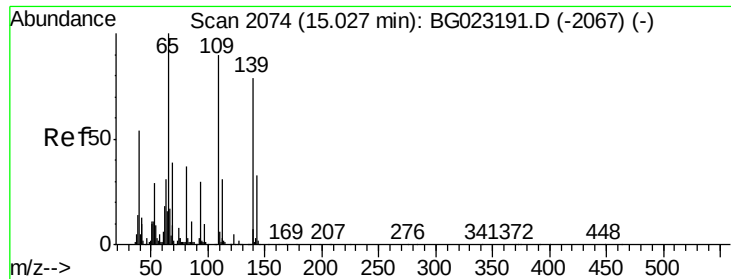
Delta R.T. 0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.4	40.5	60.7#
154	50.4	48.5	72.7





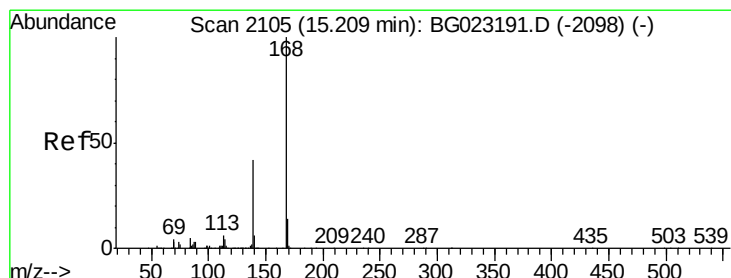
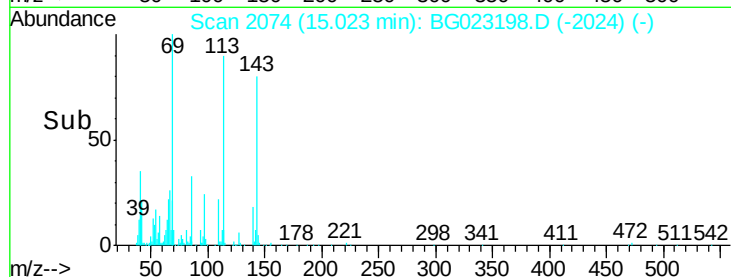
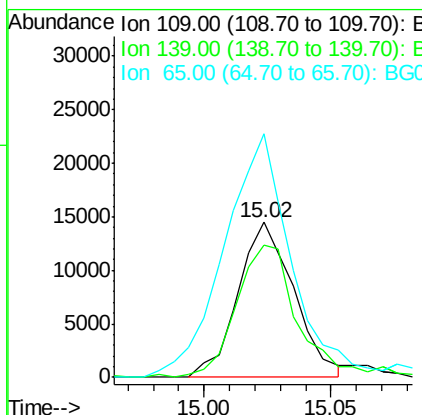
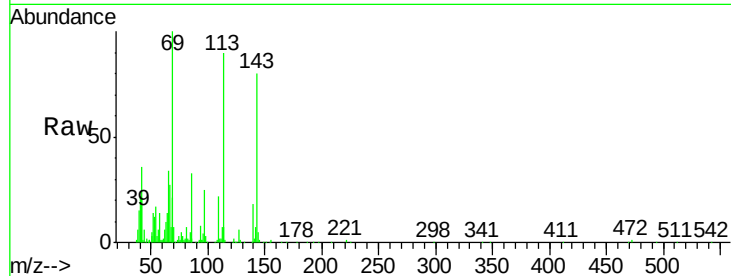
#52
4-Nitrophenol
Concen: 2.40 ng/ul
RT: 15.02 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Tgt Ion	Ratio	Lower	Upper
109	100		
139	85.3	136.1	204.1#
65	157.3	106.0	159.0

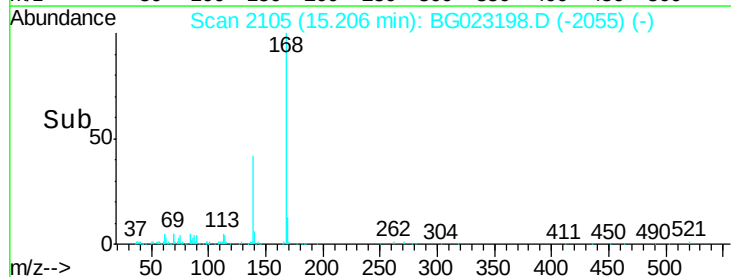
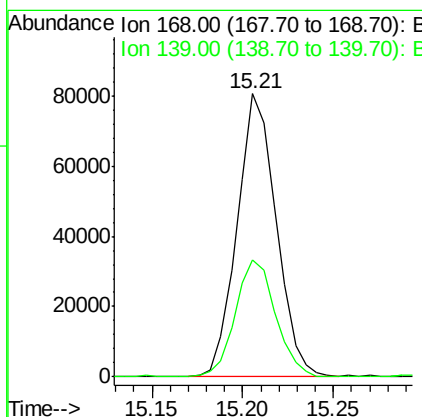
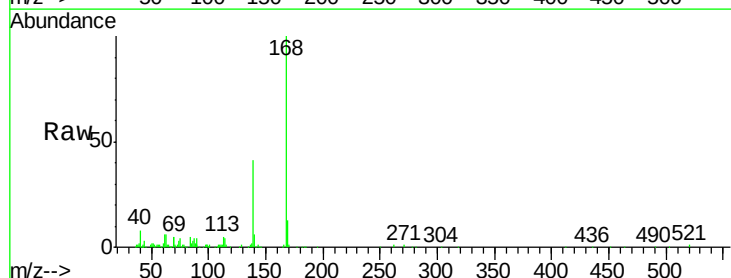
Manual Integrations

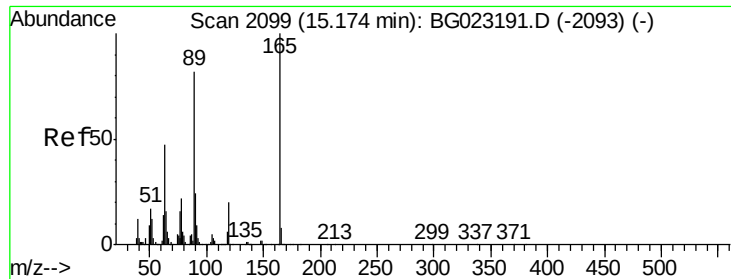
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#53
Dibenzofuran
Concen: 2.39 ng/ul
RT: 15.21 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.4	27.4	41.0#





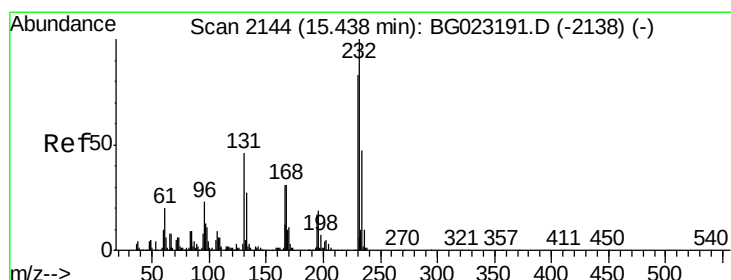
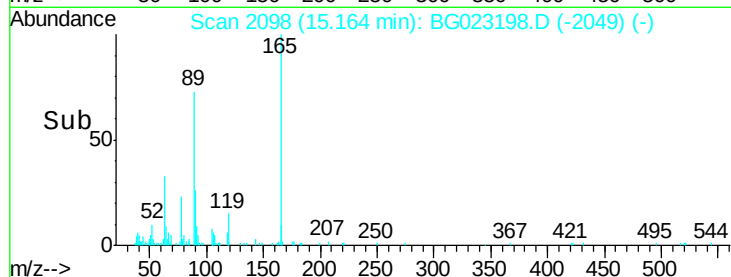
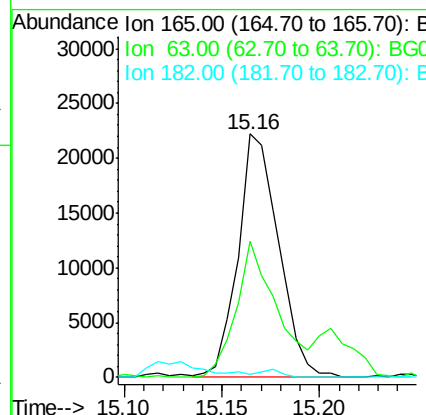
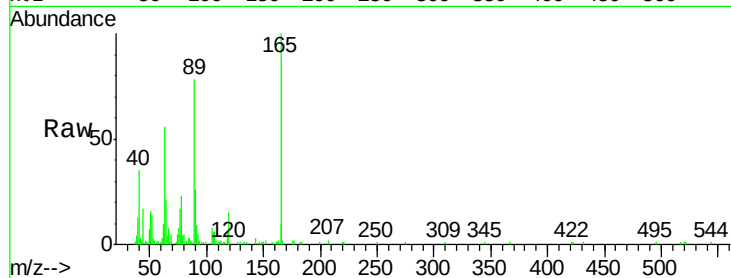
#54
2,4-Dinitrotoluene
Concen: 2.17 ng/ul
RT: 15.16 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.7	25.7	38.5#
182	1.2	2.1	3.1#

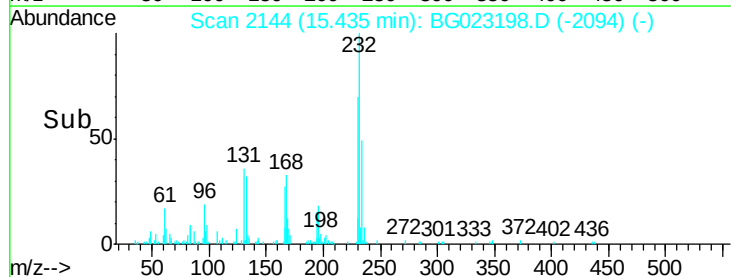
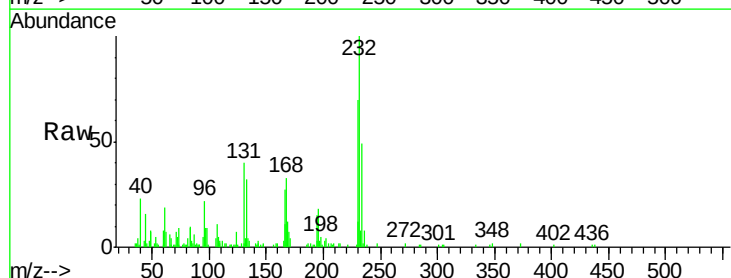
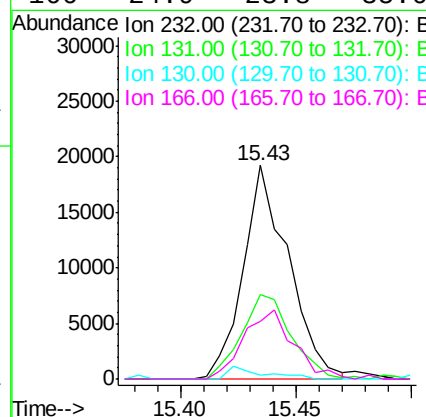
Manual Integrations

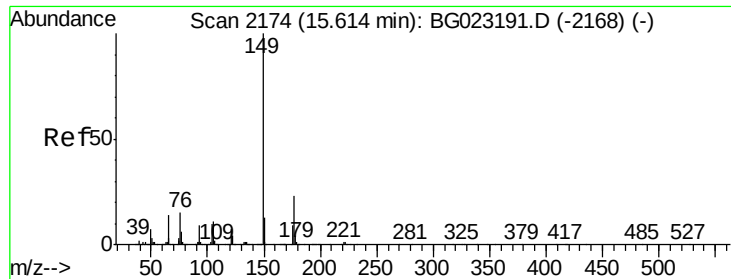
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#55
2,3,4,6-Tetrachlorophenol
Concen: 2.08 ng/ul
RT: 15.43 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.9	34.8	52.2
130	1.7	2.2	3.2#
166	24.9	23.8	35.6





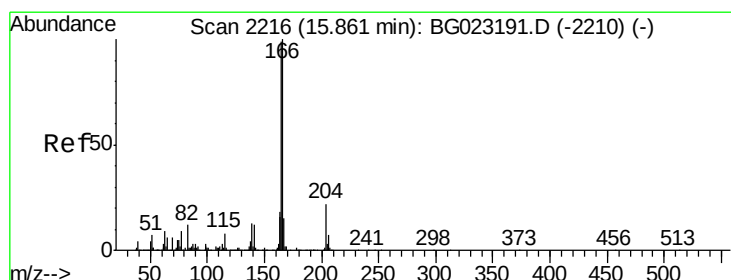
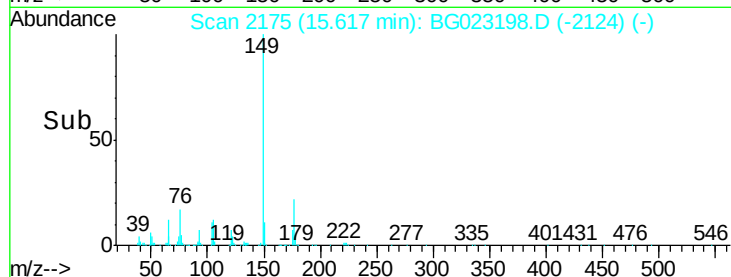
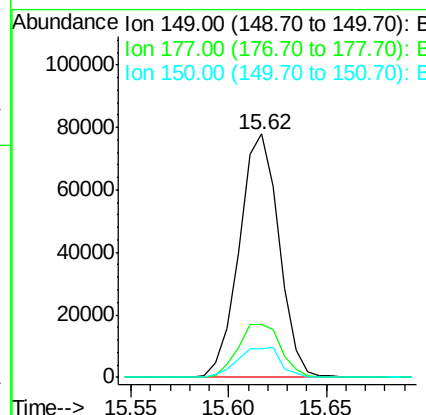
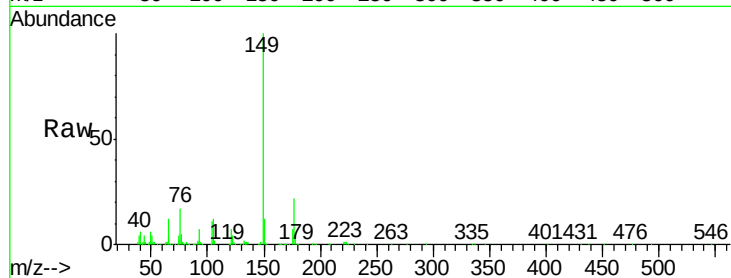
#56
Diethylphthalate
Concen: 2.31 ng/ul
RT: 15.62 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Instrument :
BNA_G
ClientSampled :
MDL-06-W

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.4	26.2
150	11.5	9.6	14.4

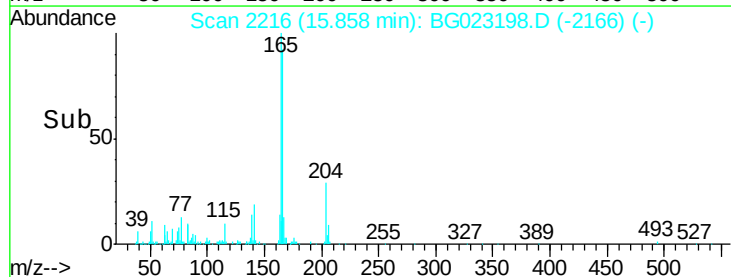
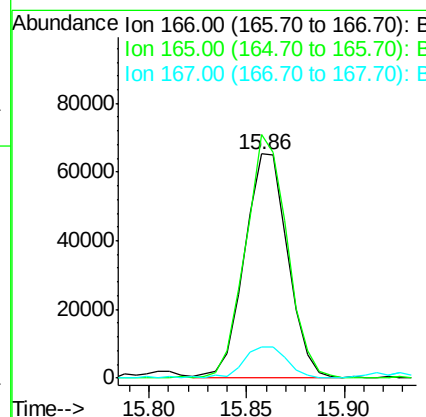
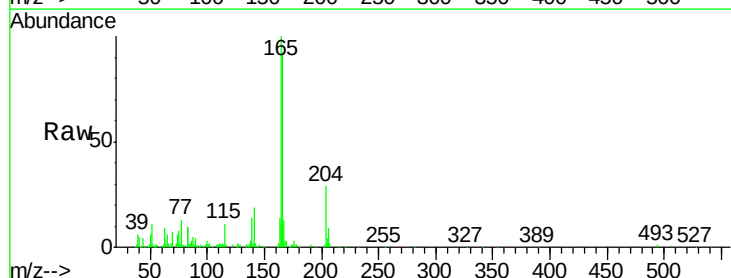
Manual Integrations

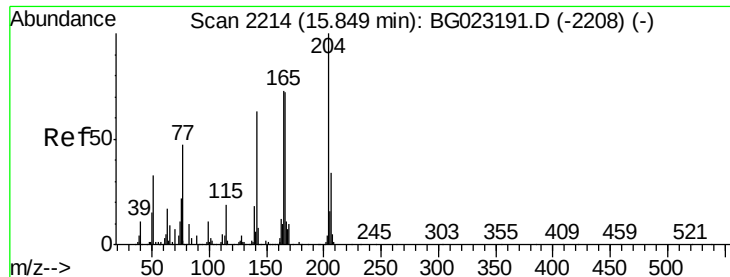
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#58
Fluorene
Concen: 2.40 ng/ul
RT: 15.86 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	108.6	80.3	120.5
167	14.2	10.3	15.5





#59

4-Chlorophenyl-phenylether

Concen: 2.35 ng/ul

RT: 15.85 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Instrument :

BNA_G

ClientSampled :

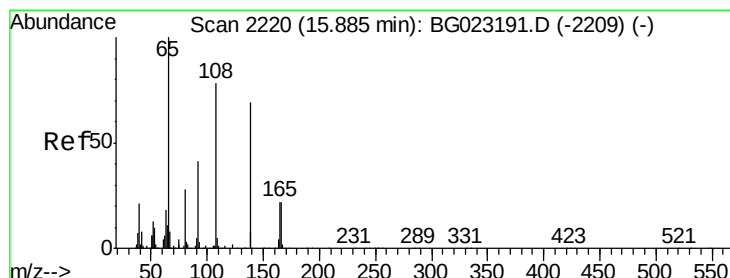
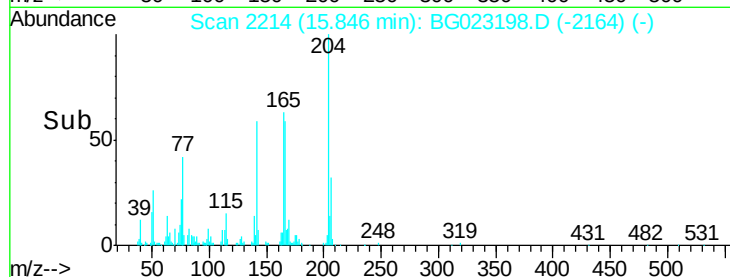
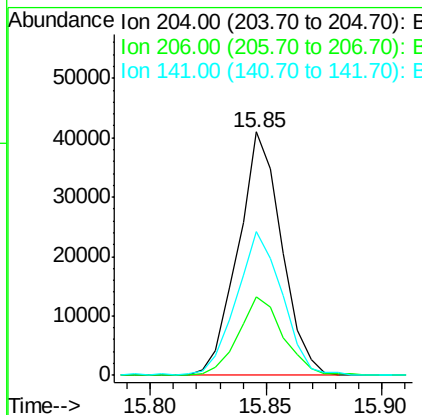
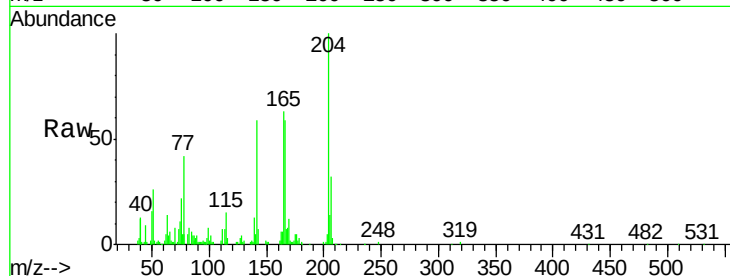
MDL-06-W

Tgt Ion:	204	Resp:	53755
Ion Ratio	Lower	Upper	
204	100		
206	32.3	27.4	41.2
141	58.9	47.1	70.7

Manual Integrations

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#60

4-Nitroaniline

Concen: 2.24 ng/ul

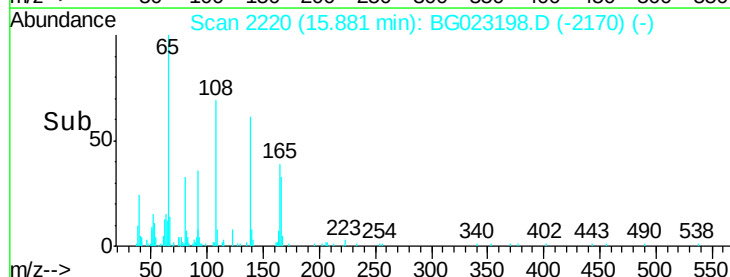
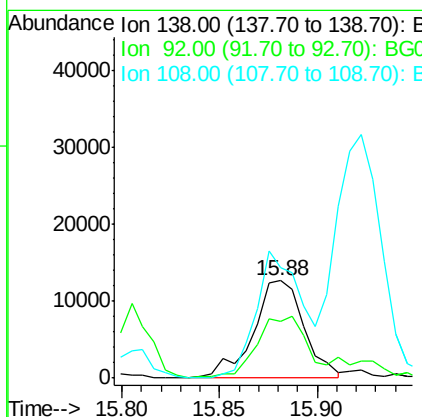
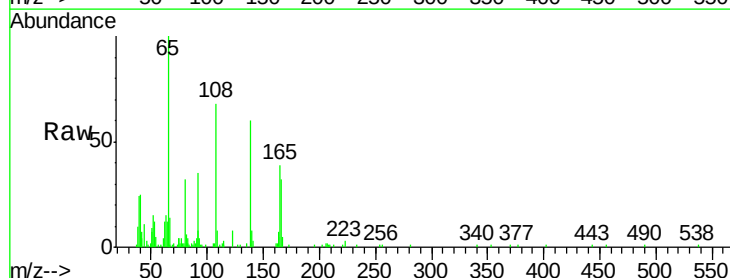
RT: 15.88 min Scan# 2220

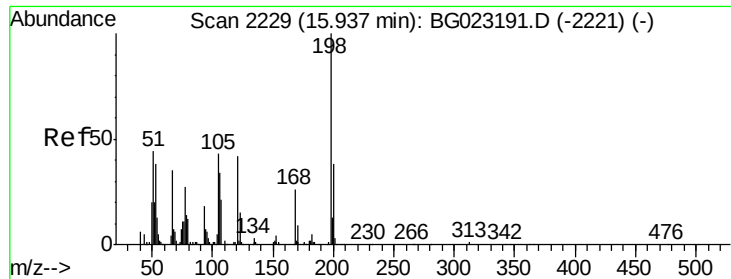
Delta R.T. -0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Tgt Ion:	138	Resp:	22834
Ion Ratio	Lower	Upper	
138	100		
92	58.4	39.0	58.4
108	114.1	49.2	73.8#





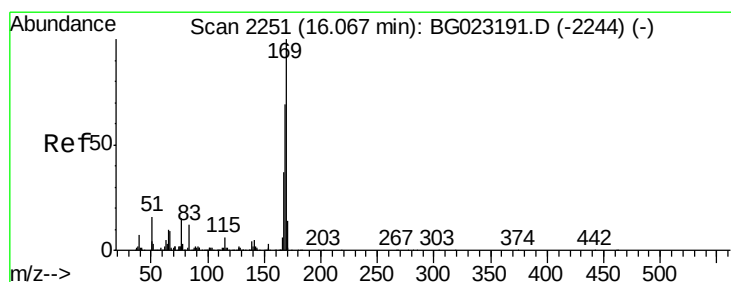
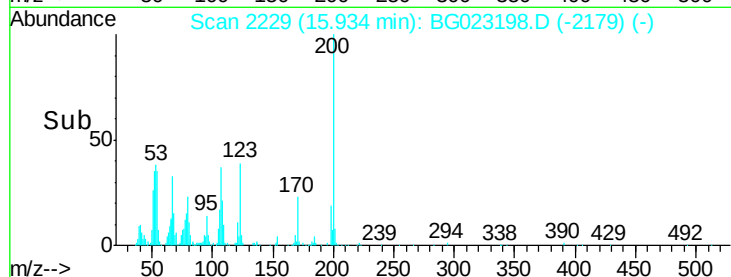
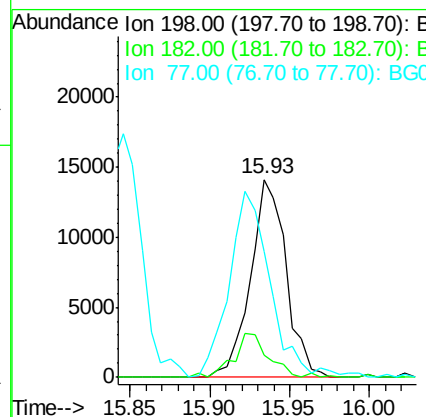
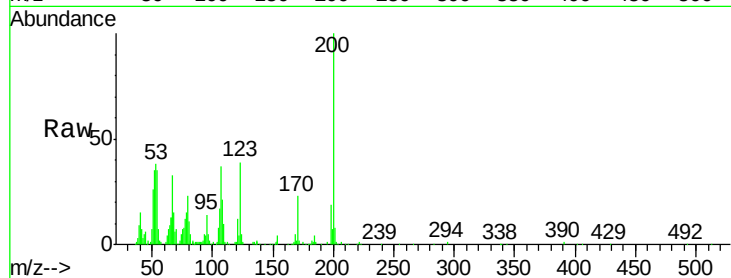
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.32 ng/ul m
 RT: 15.93 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG023198.D
 Acq: 20 Jul 2016 21:53

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-W

Tgt Ion	Ratio	Lower	Upper
198	100		
182	11.0	4.2	6.2#
77	63.7	16.7	25.1#

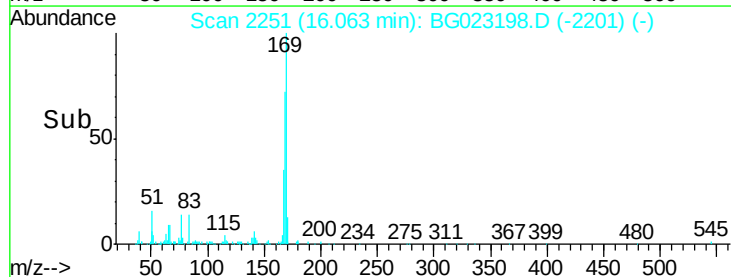
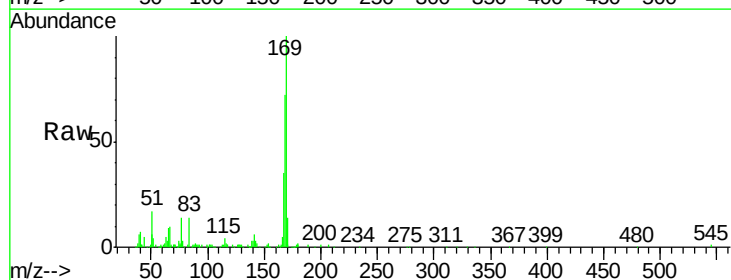
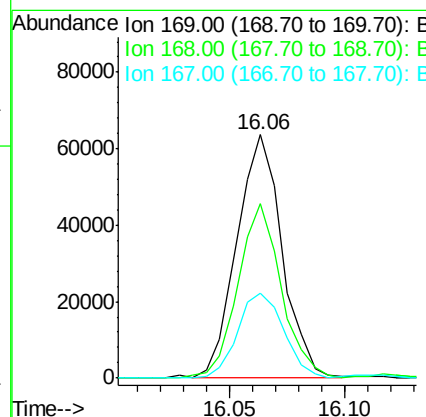
Manual Integrations

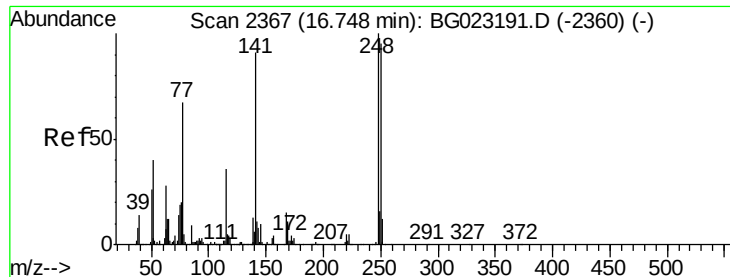
sohil
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#64
 N-Nitrosodiphenylamine
 Concen: 2.30 ng/ul
 RT: 16.06 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: BG023198.D
 Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.6	59.0	88.6
167	34.7	30.6	46.0





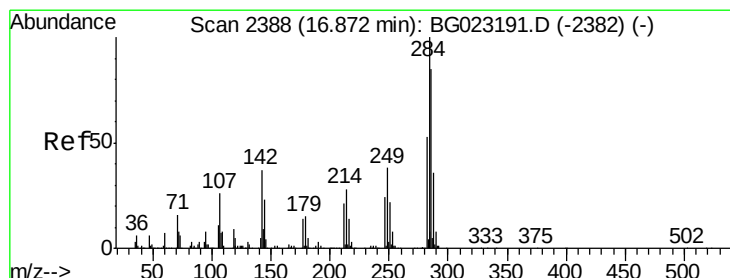
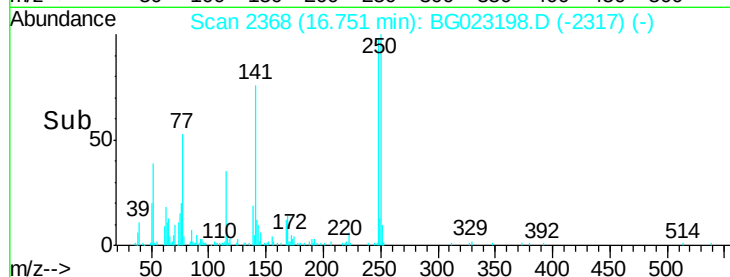
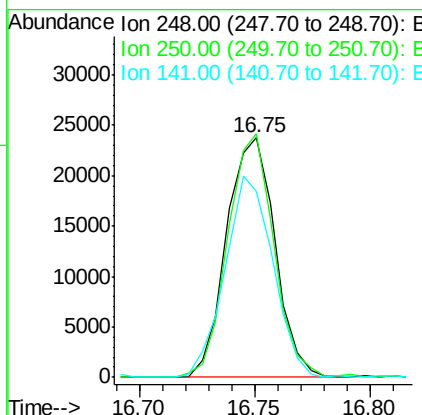
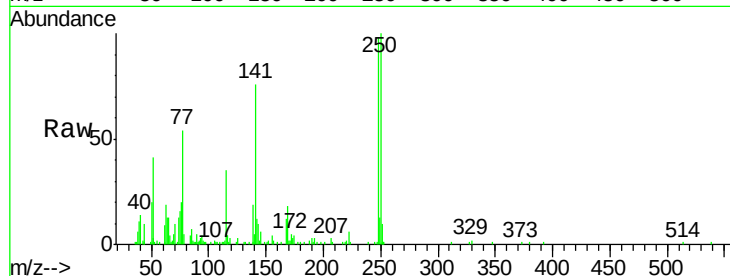
#65
4-Bromophenyl-phenylether
Concen: 2.32 ng/ul
RT: 16.75 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.6	76.6	114.8
141	77.4	61.8	92.6

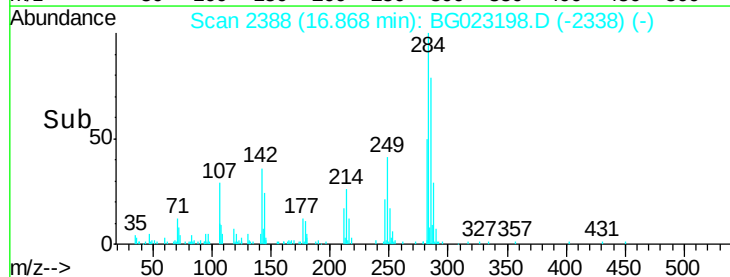
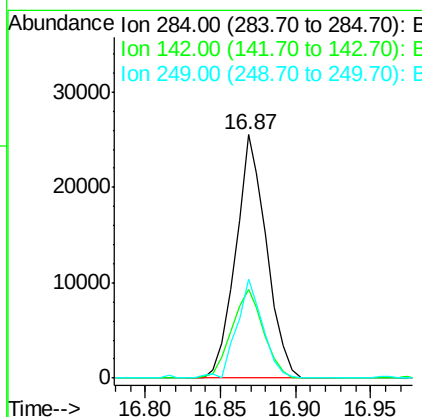
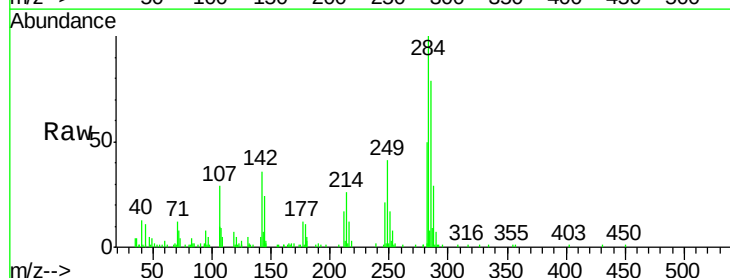
Manual Integrations

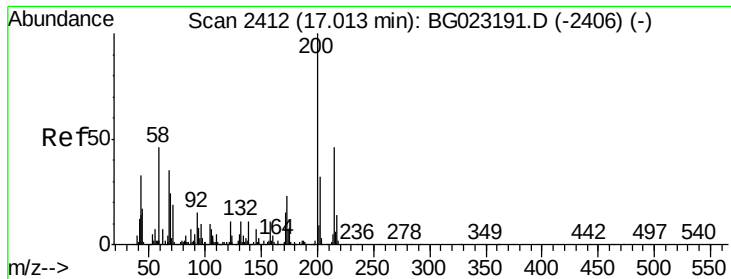
sohil
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#66
Hexachlorobenzene
Concen: 2.40 ng/ul m
RT: 16.87 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.3	27.8	41.8
249	40.6	24.4	36.6#





#67

Atrazine

Concen: 2.40 ng/ul m

RT: 17.01 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Instrument :

BNA_G

ClientSampleId :

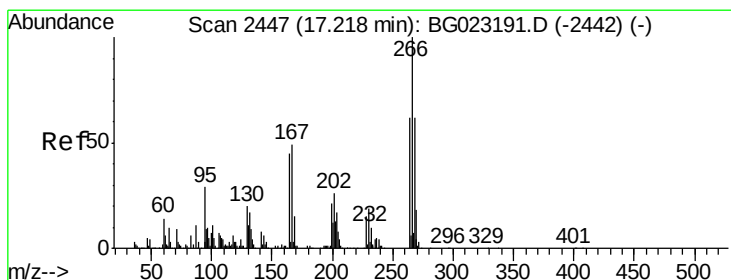
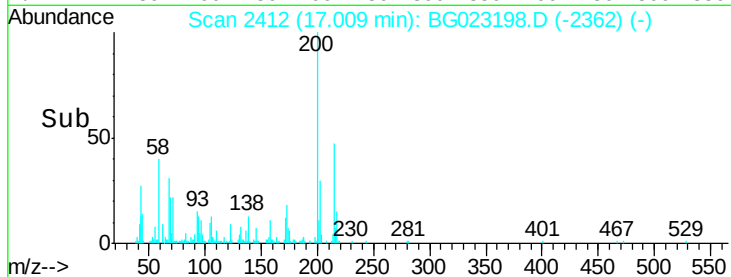
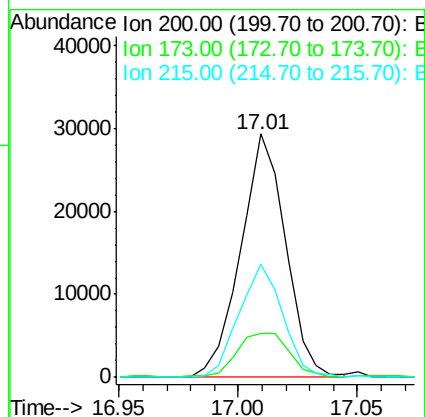
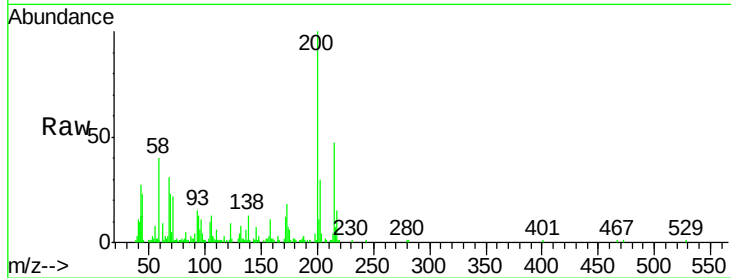
MDL-06-W

Tgt Ion	Ratio	Lower	Upper
200	100		
173	17.9	21.0	31.6#
215	46.7	37.9	56.9

Manual Integrations

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#68

Pentachlorophenol

Concen: 1.87 ng/ul m

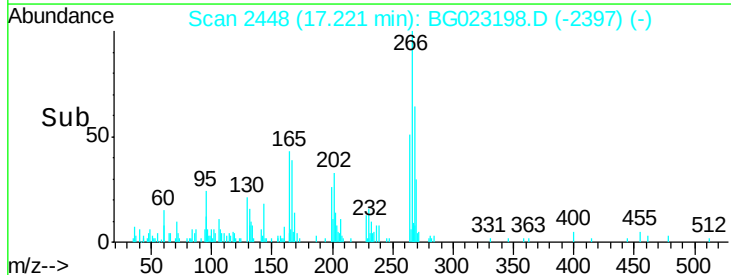
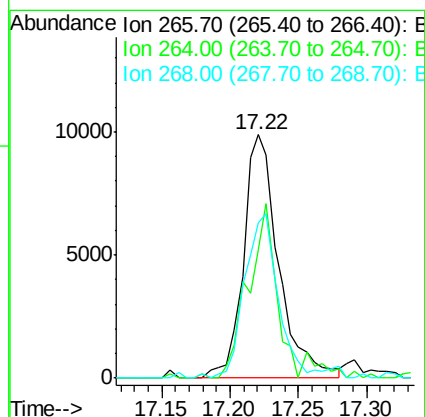
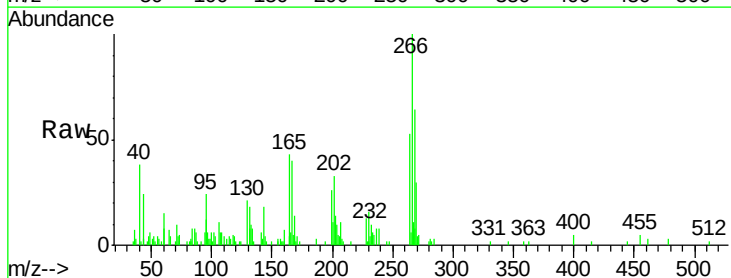
RT: 17.22 min Scan# 2448

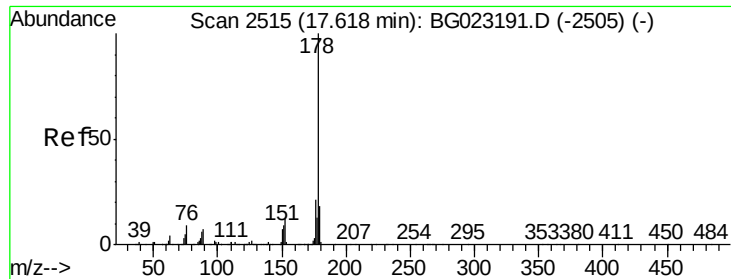
Delta R.T. 0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
266	100		
264	52.5	54.7	82.1#
268	64.0	57.8	86.8





#69

Phenanthrene

Concen: 2.56 ng/ul m

RT: 17.61 min Scan# 2515

Delta R.T. -0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Instrument :

BNA_G

ClientSampleId :

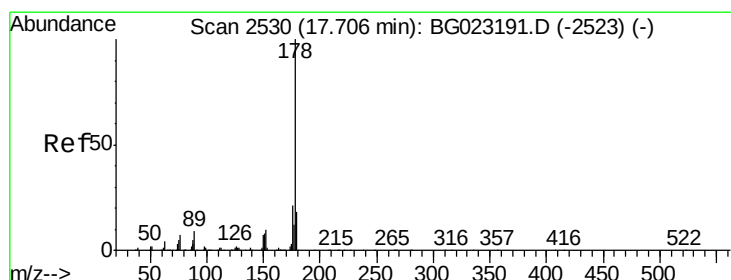
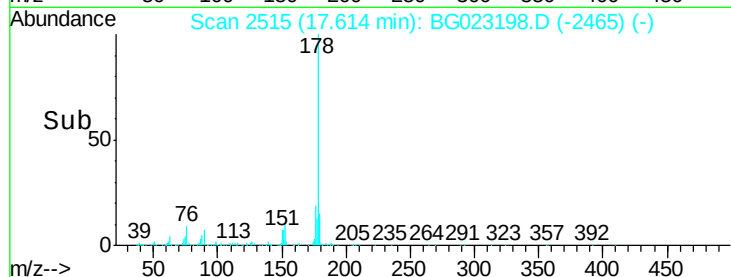
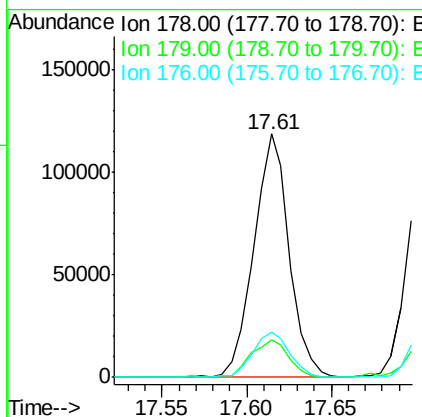
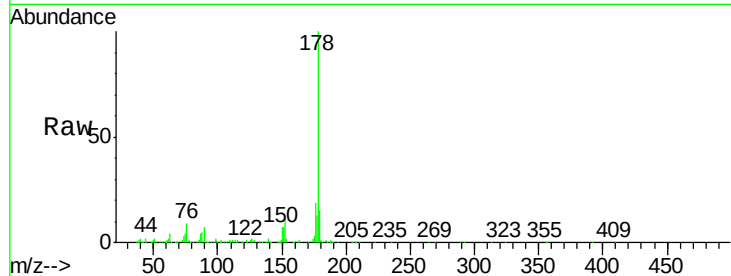
MDL-06-W

Tgt Ion:	178	Resp:	171307
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.9	19.3
176	18.6	15.8	23.8

Manual Integrations

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#71

Anthracene

Concen: 2.57 ng/ul

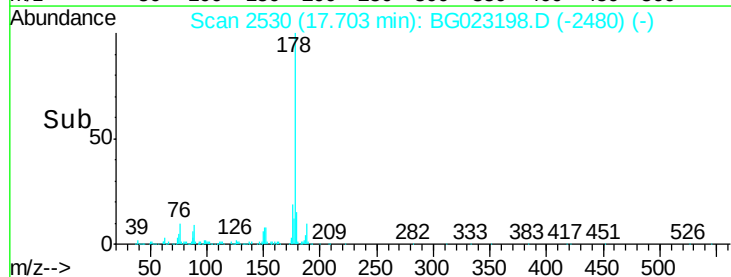
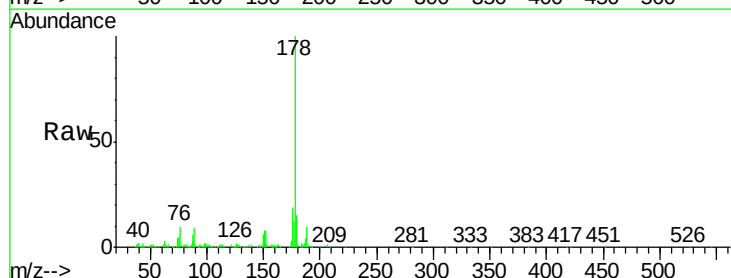
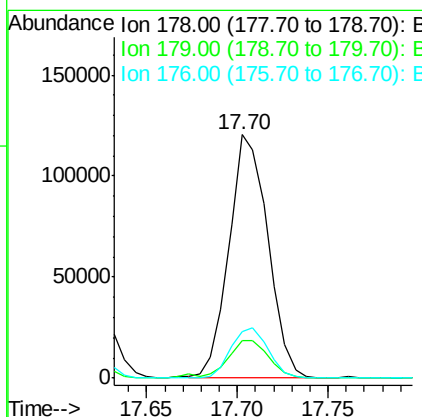
RT: 17.70 min Scan# 2530

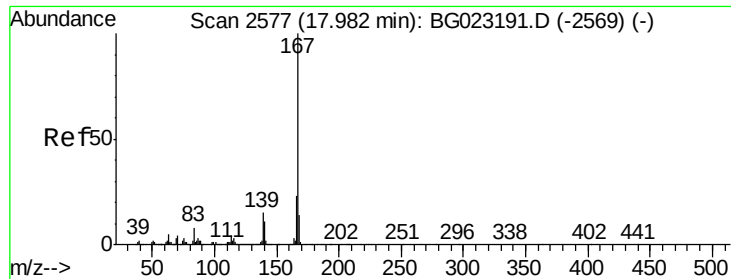
Delta R.T. -0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Tgt Ion:	178	Resp:	179874
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	18.9	16.3	24.5





#72

Carbazole

Concen: 2.69 ng/ul m

RT: 17.98 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Instrument :

BNA_G

ClientSampleId :

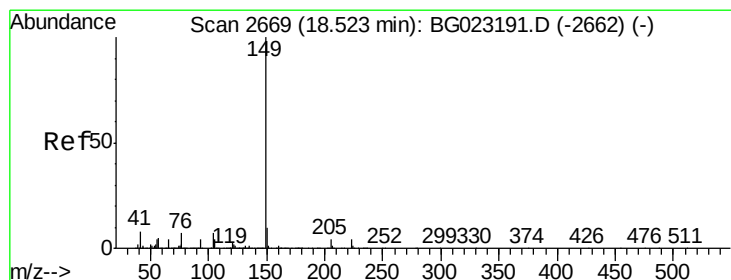
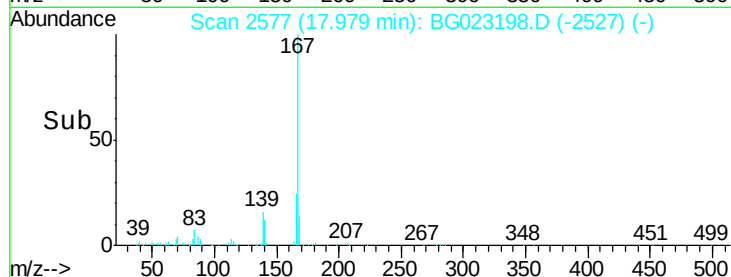
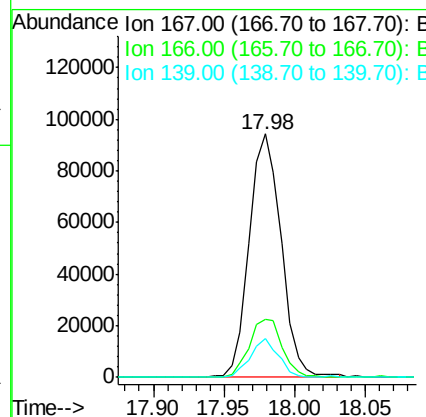
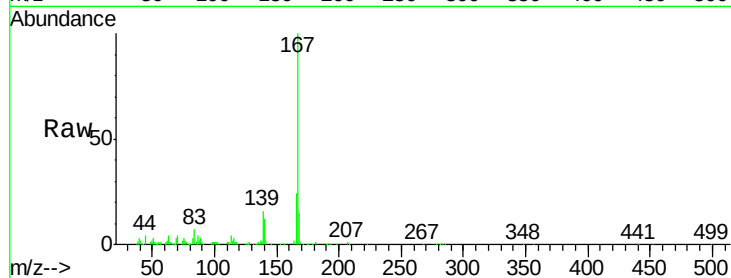
MDL-06-W

Tgt Ion:	167	Resp:	148279
Ion Ratio	Lower	Upper	
167	100		
166	24.0	19.2	28.8
139	16.1	10.2	15.4#

Manual Integrations

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#73

Di-n-butylphthalate

Concen: 2.45 ng/ul m

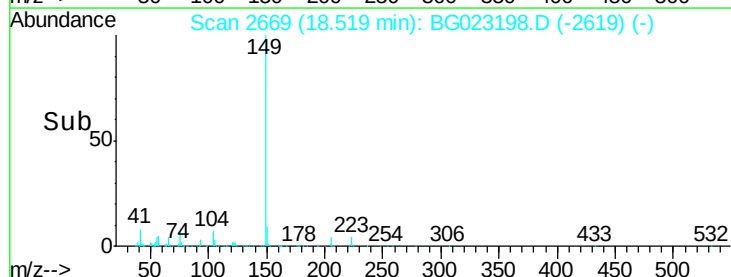
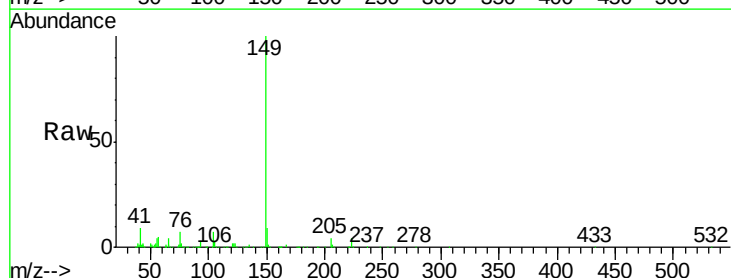
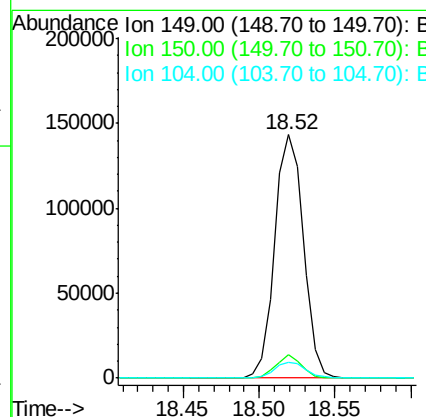
RT: 18.52 min Scan# 2669

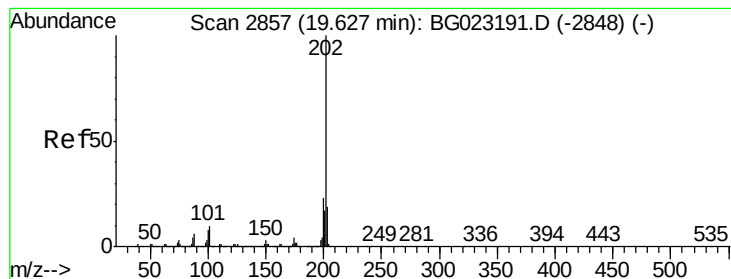
Delta R.T. -0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Tgt Ion:	149	Resp:	187196
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.1	10.7
104	6.5	3.3	4.9#





#74

Fluoranthene

Concen: 3.02 ng/ul m

RT: 19.62 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG023198.D

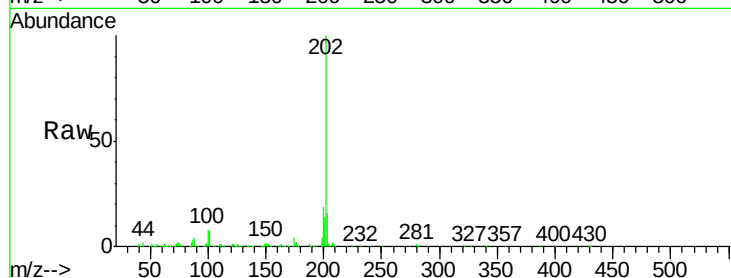
Acq: 20 Jul 2016 21:53

Instrument :

BNA_G

ClientSampleId :

MDL-06-W

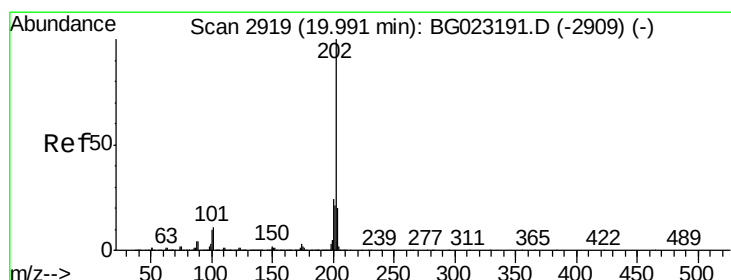
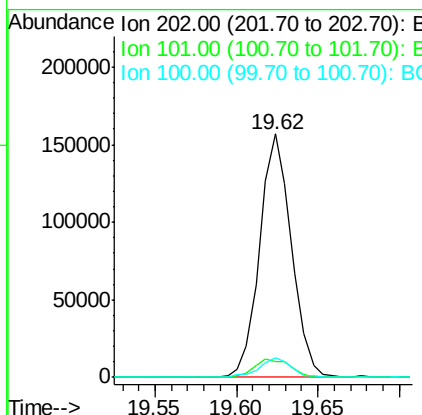
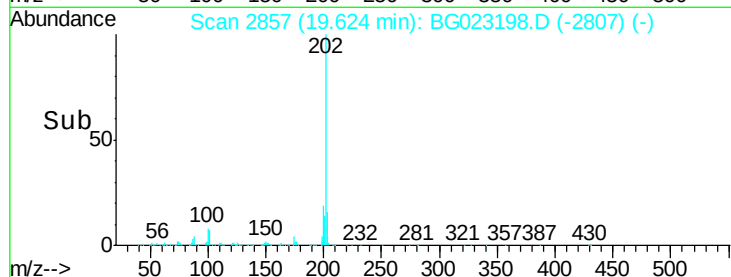


Tgt	Ion	Ratio	Lower	Upper
202	100			
101	6.7	10.6	16.0#	
100	8.1	8.7	13.1#	

Manual Integrations

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#77

Pyrene

Concen: 2.61 ng/ul

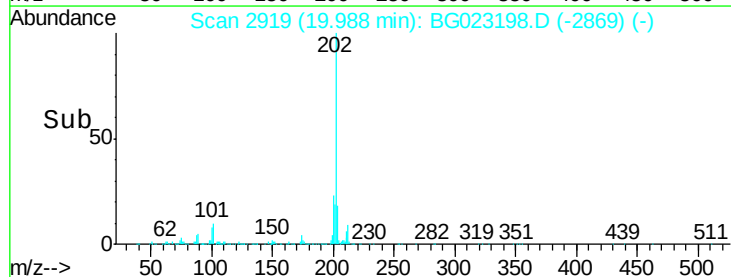
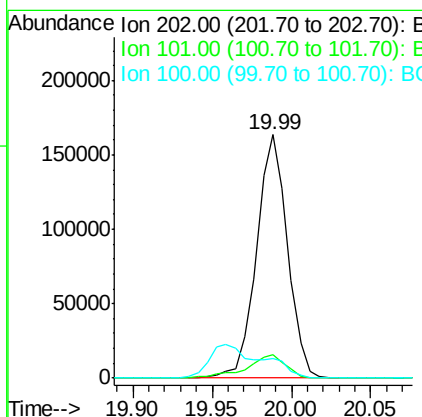
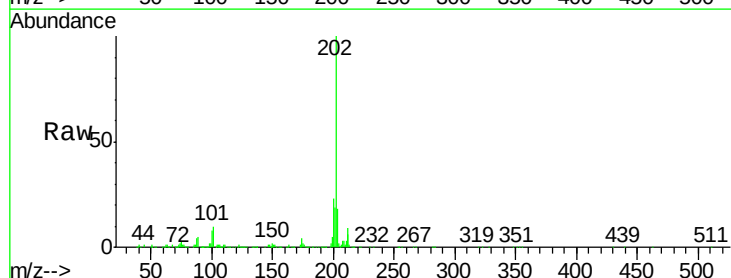
RT: 19.99 min Scan# 2919

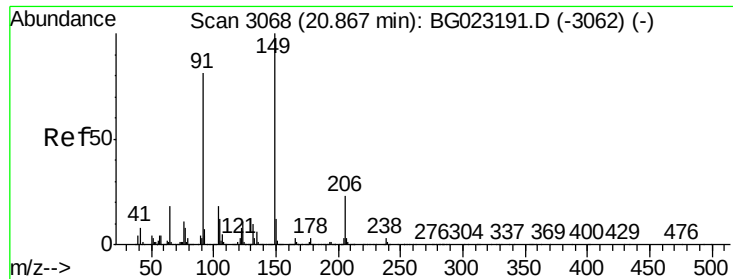
Delta R.T. -0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Tgt	Ion	Ratio	Lower	Upper
202	100			
101	9.5	12.5	18.7#	
100	8.1	10.2	15.4#	





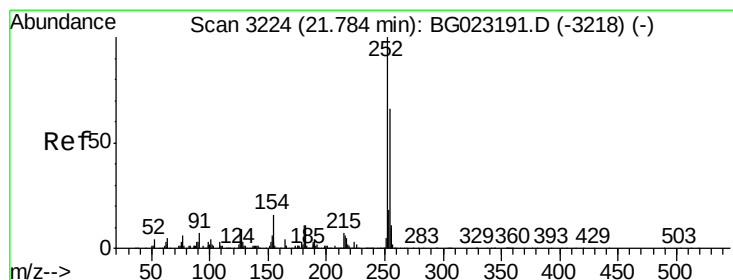
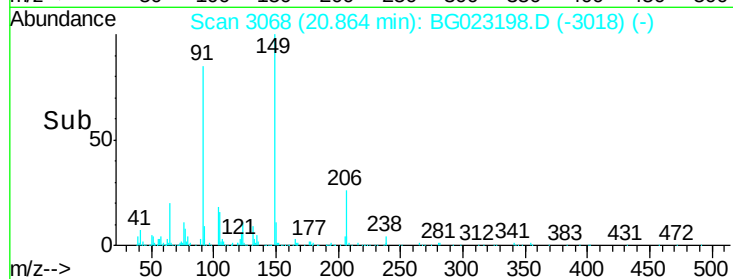
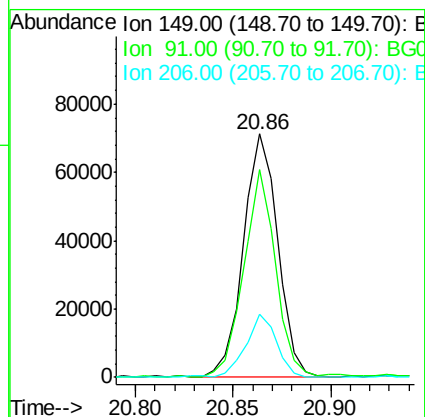
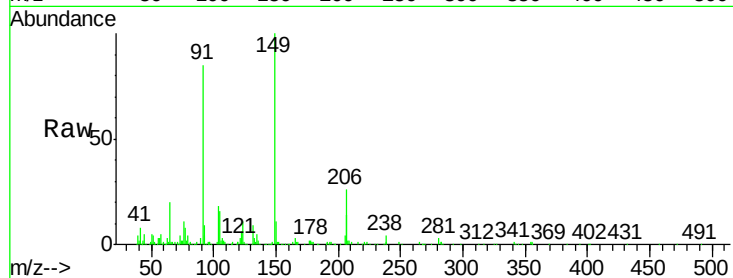
#78
Butylbenzylphthalate
Concen: 2.37 ng/ul
RT: 20.86 min Scan# 3068
Delta R.T. -0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Tgt Ion	Ratio	Lower	Upper
149	100		
91	85.3	54.2	81.4#
206	25.7	14.1	21.1#

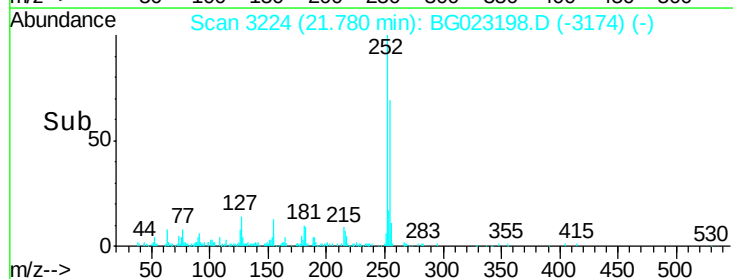
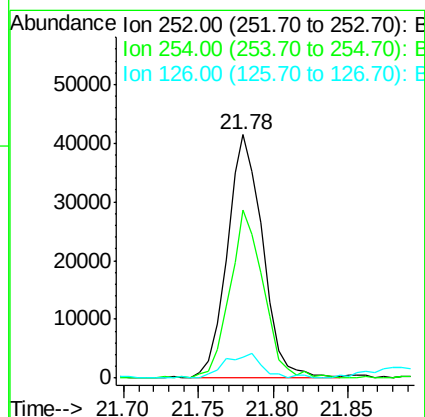
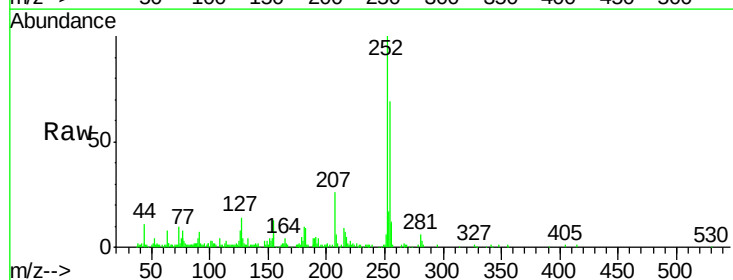
Manual Integrations

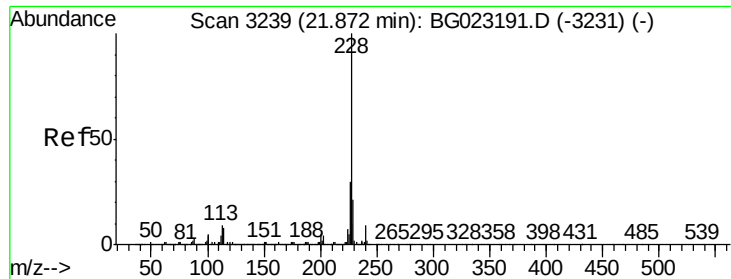
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#79
3,3'-Dichlorobenzidine
Concen: 2.45 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	69.3	51.4	77.2
126	8.4	10.7	16.1#





#80

Benzo(a)anthracene

Concen: 2.55 ng/ul

RT: 21.87 min Scan# 3239

Delta R.T. -0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Instrument :

BNA_G

ClientSampleId :

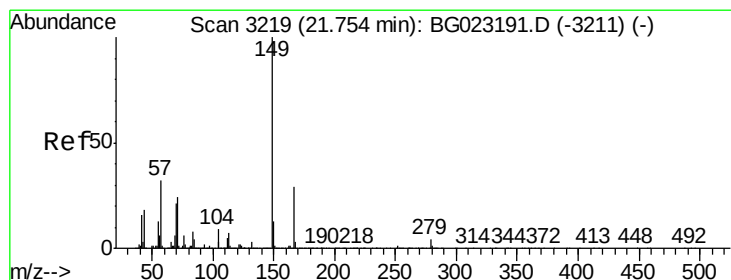
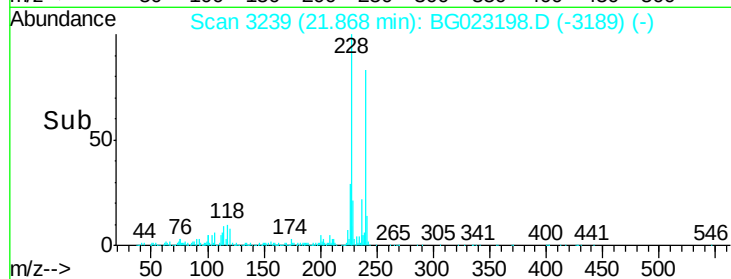
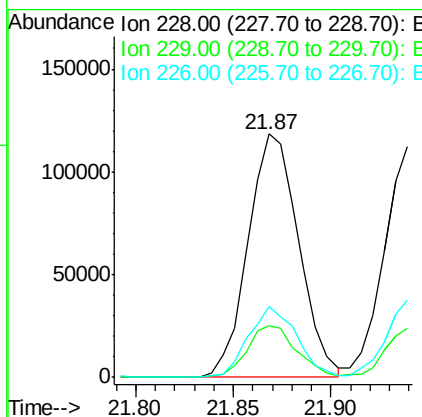
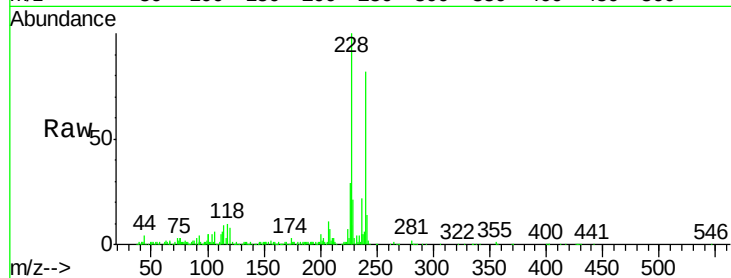
MDL-06-W

Tgt Ion:	228	Resp:	212269
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.4	23.2
226	29.2	22.8	34.2

Manual Integrations

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#81

Bis(2-ethylhexyl)phthalate

Concen: 2.52 ng/ul

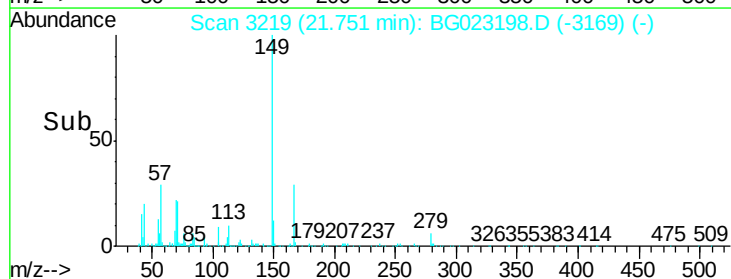
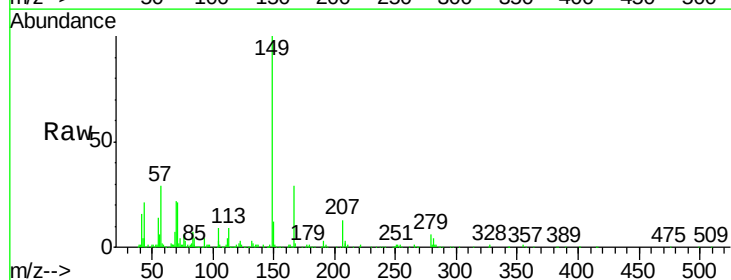
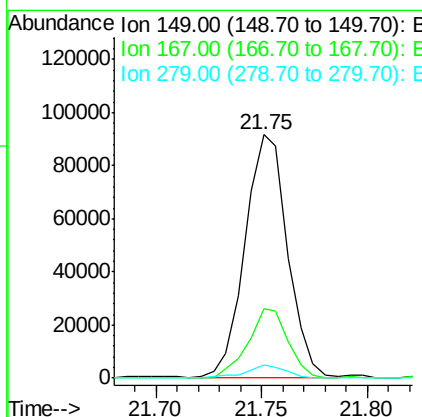
RT: 21.75 min Scan# 3219

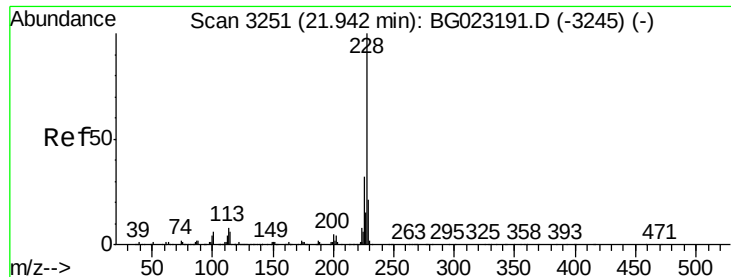
Delta R.T. -0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Tgt Ion:	149	Resp:	127699
Ion Ratio	Lower	Upper	
149	100		
167	28.6	21.9	32.9
279	5.5	2.9	4.3#





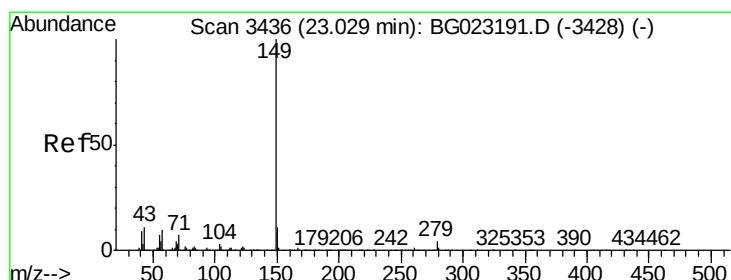
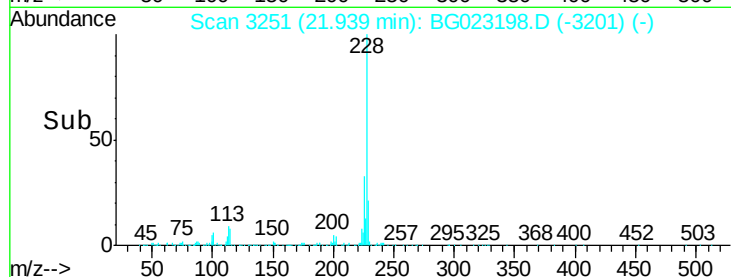
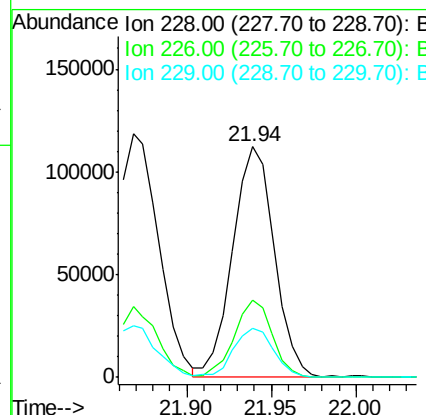
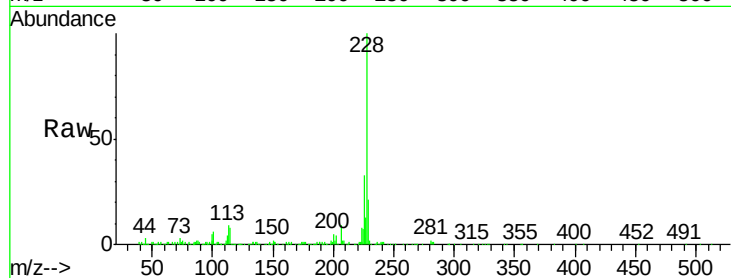
#82
Chrysene
Concen: 2.56 ng/ul
RT: 21.94 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.4	24.2	36.4
229	21.1	15.0	22.6

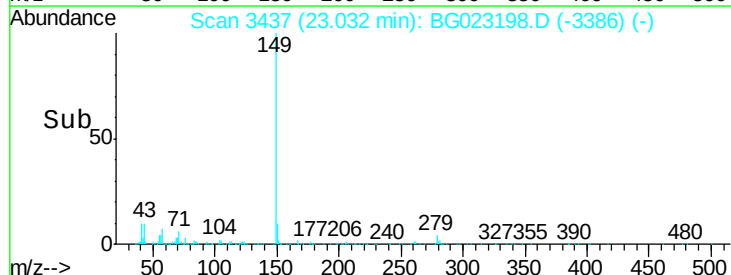
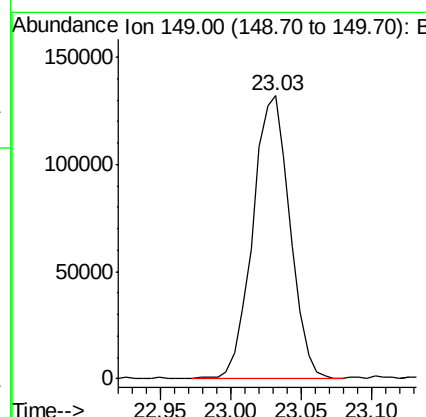
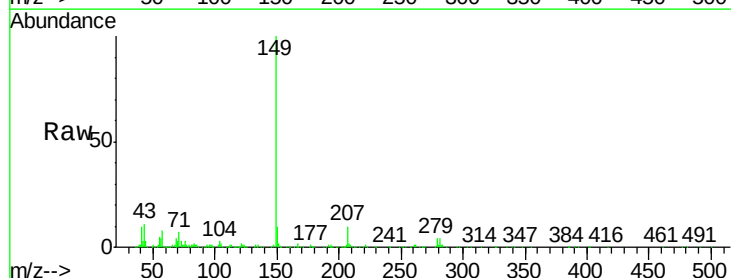
Manual Integrations

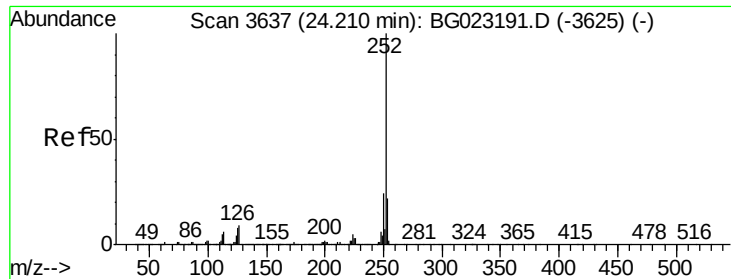
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#84
Di-n-octyl phthalate
Concen: 3.15 ng/ul
RT: 23.03 min Scan# 3437
Delta R.T. 0.00 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Tgt Ion:149 Resp: 241936





#85

Benzo(b)fluoranthene

Concen: 2.41 ng/ul

RT: 24.21 min Scan# 3637

Delta R.T. -0.00 min

Lab File: BG023198.D

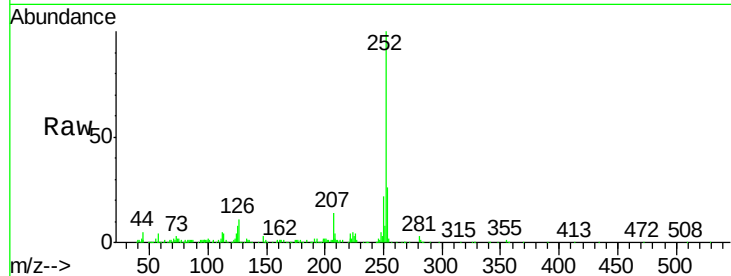
Acq: 20 Jul 2016 21:53

Instrument :

BNA_G

ClientSampled :

MDL-06-W

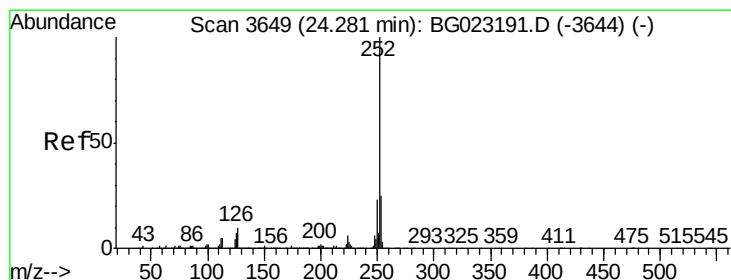
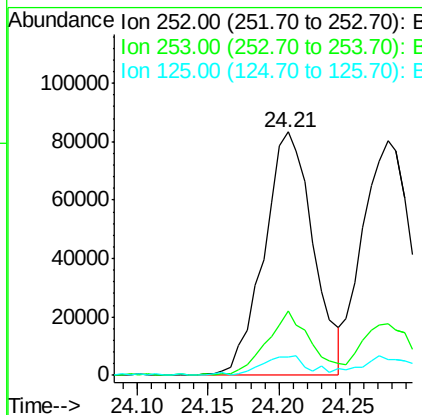
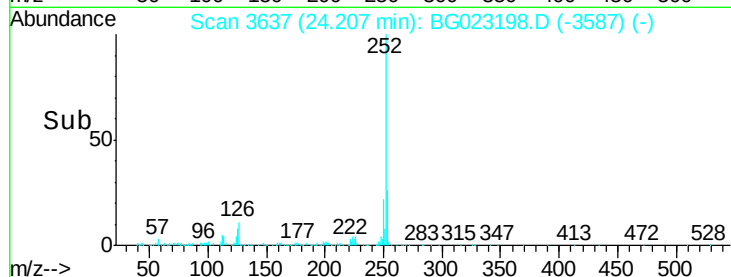


Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.2	27.2
125	7.8	10.8	16.2

Manual Integrations

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#86

Benzo(k)fluoranthene

Concen: 2.50 ng/ul

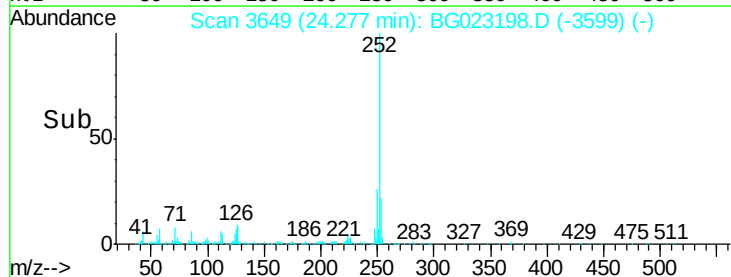
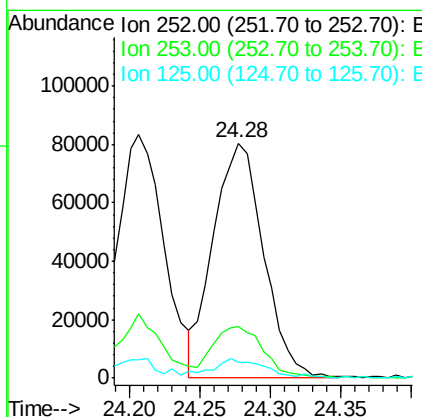
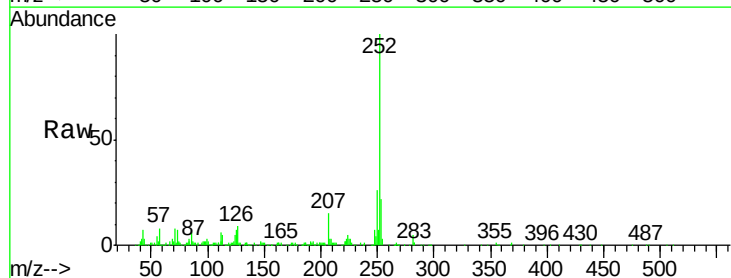
RT: 24.28 min Scan# 3649

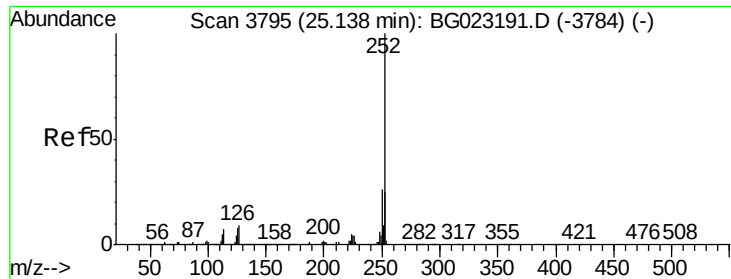
Delta R.T. -0.00 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	15.8	23.6
125	6.9	10.6	16.0





#88

Benzo(a)pyrene

Concen: 2.39 ng/ul

RT: 25.14 min Scan# 3795

Delta R.T. -0.00 min

Lab File: BG023198.D

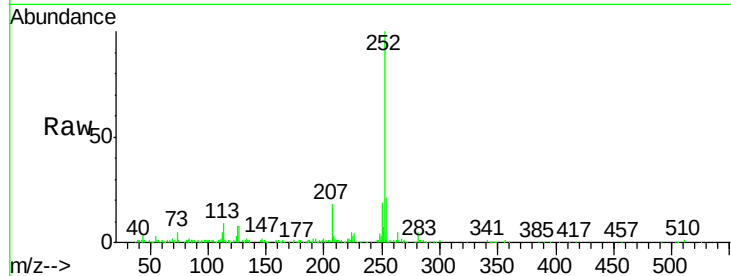
Acq: 20 Jul 2016 21:53

Instrument :

BNA_G

ClientSampleId :

MDL-06-W

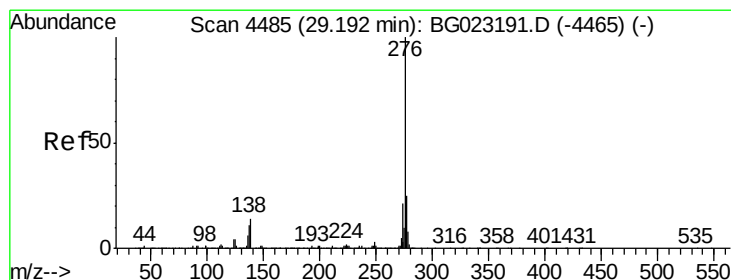
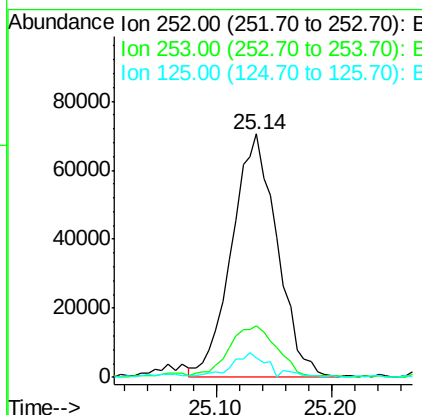
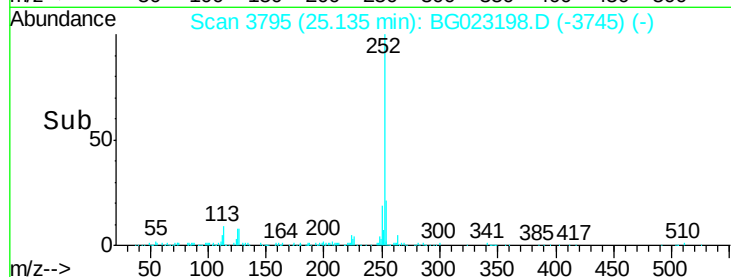


Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	19.0	28.4
125	8.1	12.0	18.0#

Manual Integrations

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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.54 ng/ul m

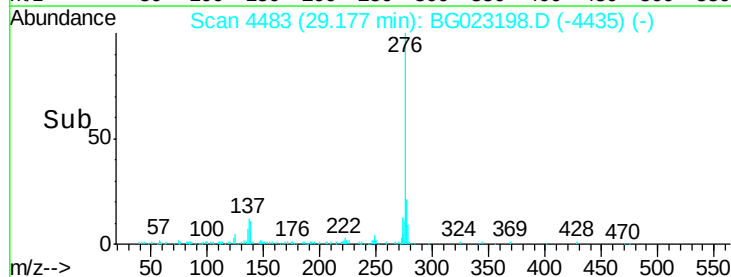
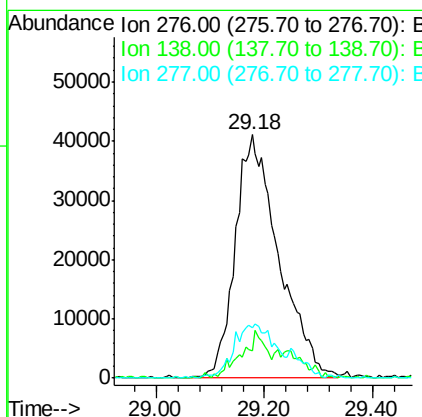
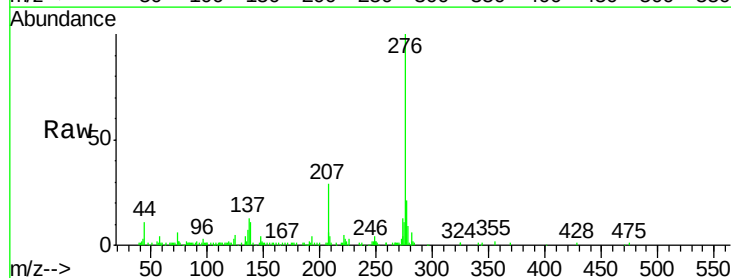
RT: 29.18 min Scan# 4483

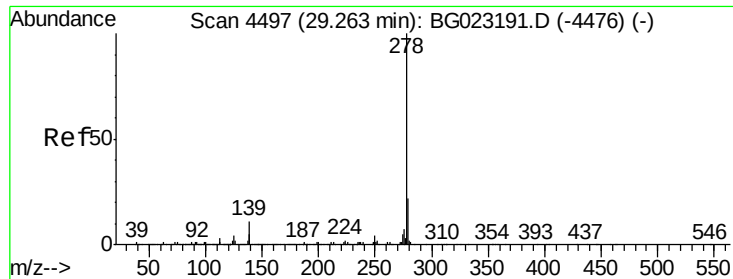
Delta R.T. -0.02 min

Lab File: BG023198.D

Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.3	20.8	31.2#
277	20.7	17.6	26.4





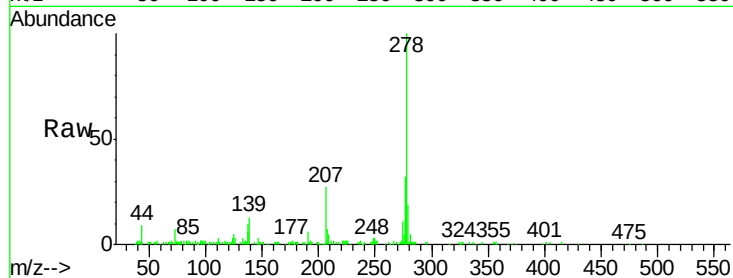
#90
Dibenzo(a,h)anthracene
Concen: 2.52 ng/ul m
RT: 29.25 min Scan# 4495
Delta R.T. -0.02 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

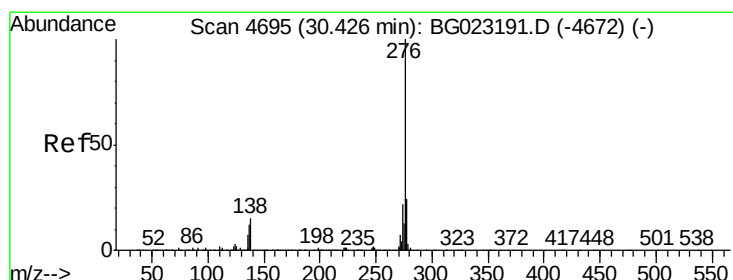
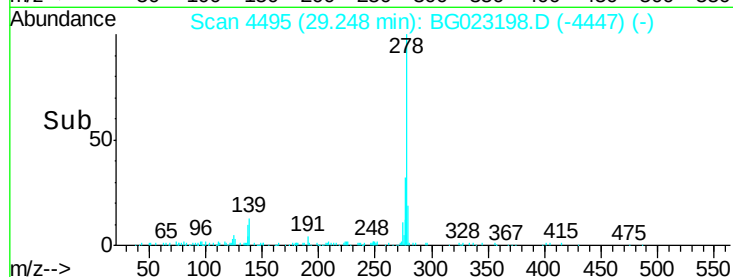
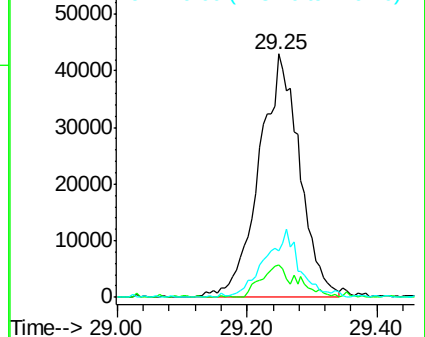
Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.3	16.3	24.5#
279	18.9	19.1	28.7#

Manual Integrations

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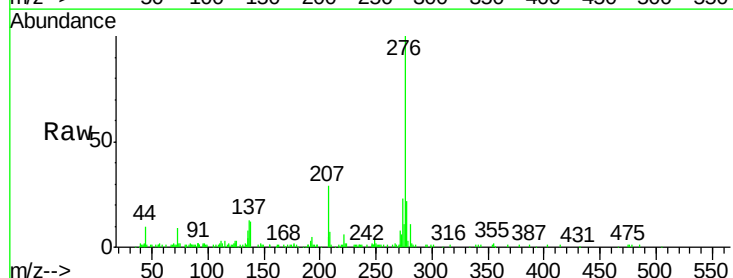


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.51 ng/ul m
RT: 30.39 min Scan# 4690
Delta R.T. -0.03 min
Lab File: BG023198.D
Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.8	22.1	33.1#
277	22.0	17.0	25.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

