

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
 Data File : BG023203.D
 Acq On : 21 Jul 2016 1:14
 Operator : UM/SJ
 Sample : MDL-04-W
 Misc : MDL 8PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Manual Integrations

sohil
 7/21/2016 1:51:11 PM

Quant Time: Jul 21 10:39:59 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	135346	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	646815	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	480545	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1210093m	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1321533	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1295085	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	6982	2.33	ng/uL	0.00
5) Phenol-d5	7.29	99	369899	26.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	258771	27.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	249193	26.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	293250	27.01	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	139540	26.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	161978	26.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	285518	25.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	404680	34.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1137630	28.48	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1262000	27.79	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	206279	29.26	ng/ul	0.00
57) Fluorene-d10	15.81	176	1005885	27.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	226989m	27.26	ng/ul	0.00
70) Anthracene-d10	17.67	188	1595566	28.17	ng/ul	0.00
76) Pyrene-d10	19.96	212	1854434	27.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1732291	28.49	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.54	88	4503m	1.41 ng/ul	
4) Benzaldehyde	7.27	77	47816	5.52 ng/ul	85
6) Phenol	7.32	94	59124m	4.07 ng/ul	
8) Bis(2-Chloroethyl)ether	7.54	93	48806	4.47 ng/ul	94
10) 2-Chlorophenol	7.70	128	38285	3.98 ng/ul#	68
11) 2-Methylphenol	8.58	108	42681	3.98 ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.67	45	66038	4.47 ng/ul#	94
14) Acetophenone	8.97	105	84236	4.46 ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.95	70	51165	4.10 ng/ul#	83
16) 4-Methylphenol	8.92	108	49329	4.13 ng/ul#	77
17) Hexachloroethane	9.24	117	19038	4.18 ng/ul#	77
20) Nitrobenzene	9.36	77	70516	4.22 ng/ul#	77
21) Isophorone	9.88	82	135998	4.27 ng/ul#	87
23) 2-Nitrophenol	10.08	139	27162	4.21 ng/ul#	46
24) 2,4-Dimethylphenol	10.14	107	61308	4.14 ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.36	93	75377	4.28 ng/ul	92
27) 2,4-Dichlorophenol	10.62	162	44563	3.96 ng/ul	98
28) Naphthalene	11.03	128	137781	4.24 ng/ul	100
30) 4-Chloroaniline	11.14	127	60598	4.99 ng/ul	89
31) Hexachlorobutadiene	11.31	225	37196	4.12 ng/ul#	80
32) Caprolactam	11.92	113	21767m	4.67 ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	56199	3.81 ng/ul#	79
34) 2-Methylnaphthalene	12.63	142	116426	4.33 ng/ul	99

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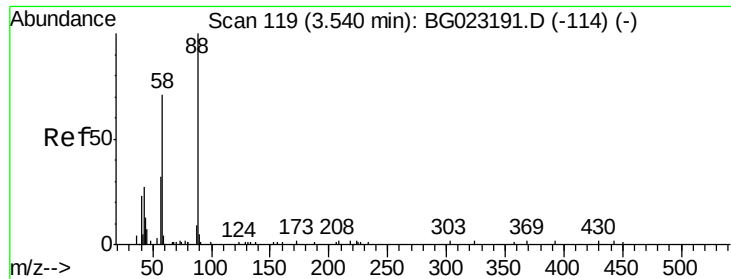
Manual Integrations

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Quant Time: Jul 21 10:39:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	66495	4.15	ng/ul#	94
37) Hexachlorocyclopentadiene	12.97	237	34877	3.34	ng/ul	97
38) 2,4,6-Trichlorophenol	13.24	196	45395	4.09	ng/ul	94
39) 2,4,5-Trichlorophenol	13.31	196	46063	4.07	ng/ul	99
40) 1,1'-Biphenyl	13.64	154	160981	4.47	ng/ul#	93
41) 2-Chloronaphthalene	13.68	162	124935	4.30	ng/ul	95
42) 2-Nitroaniline	13.88	65	55081	4.26	ng/ul#	58
44) Dimethylphthalate	14.25	163	185686	4.59	ng/ul	98
45) 2,6-Dinitrotoluene	14.38	165	35353	4.03	ng/ul#	83
47) Acenaphthylene	14.53	152	206362	4.49	ng/ul	94
48) 3-Nitroaniline	14.72	138	36869	4.91	ng/ul#	71
49) Acenaphthene	14.87	153	135511	4.36	ng/ul	91
50) 2,4-Dinitrophenol	14.93	184	15340	2.78	ng/ul	89
52) 4-Nitrophenol	15.02	109	39030	4.65	ng/ul#	61
53) Dibenzofuran	15.21	168	211712m	4.62	ng/ul	
54) 2,4-Dinitrotoluene	15.17	165	55660	4.16	ng/ul#	65
55) 2,3,4,6-Tetrachlorophenol	15.44	232	47117	4.12	ng/ul#	96
56) Diethylphthalate	15.62	149	196871	4.57	ng/ul	99
58) Fluorene	15.86	166	170590	4.51	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.85	204	91109	4.40	ng/ul	98
60) 4-Nitroaniline	15.88	138	41788	4.53	ng/ul#	41
63) 4,6-Dinitro-2-methylphenol	15.93	198	36917m	4.19	ng/ul	
64) N-Nitrosodiphenylamine	16.06	169	155312	4.44	ng/ul	98
65) 4-Bromophenyl-phenylether	16.75	248	58581	4.21	ng/ul	93
66) Hexachlorobenzene	16.87	284	62505	4.38	ng/ul#	91
67) Atrazine	17.01	200	66804	4.48	ng/ul	94
68) Pentachlorophenol	17.22	266	30404m	3.44	ng/ul	
69) Phenanthrene	17.62	178	298747m	4.79	ng/ul	
71) Anthracene	17.71	178	323405	4.95	ng/ul	98
72) Carbazole	17.98	167	269106	5.24	ng/ul	98
73) Di-n-butylphthalate	18.52	149	345141m	4.84	ng/ul	
74) Fluoranthene	19.62	202	376257m	5.75	ng/ul	
77) Pyrene	19.99	202	396413	4.93	ng/ul#	91
78) Butylbenzylphthalate	20.86	149	151500	4.34	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.78	252	122206	4.64	ng/ul#	92
80) Benzo(a)anthracene	21.87	228	378909	4.83	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.75	149	219516	4.60	ng/ul	97
82) Chrysene	21.94	228	345632	4.86	ng/ul	99
84) Di-n-octyl phthalate	23.03	149	372419	5.19	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	356439	4.52	ng/ul#	93
86) Benzo(k)fluoranthene	24.27	252	340745	4.56	ng/ul#	93
88) Benzo(a)pyrene	25.14	252	341763m	4.55	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.17	276	373080m	4.41	ng/ul	
90) Dibenzo(a,h)anthracene	29.24	278	302960m	4.35	ng/ul	
91) Benzo(g,h,i)perylene	30.39	276	302418m	4.33	ng/ul	

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



#2

1,4-Dioxane

Concen: 1.41 ng/uL m

RT: 3.54 min Scan# 119

Delta R.T. -0.00 min

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Instrument :

BNA_G

ClientSampled :

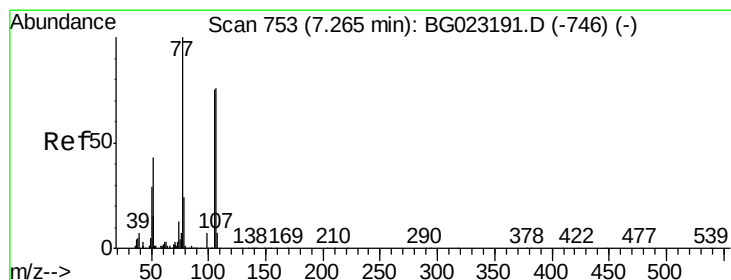
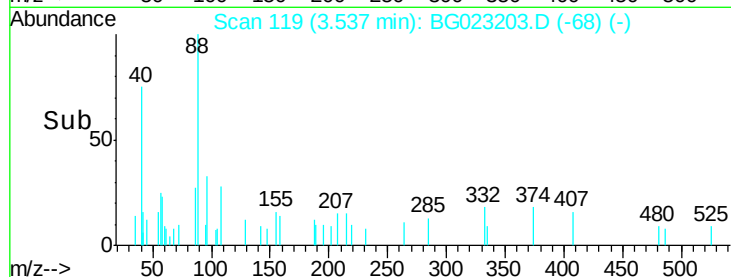
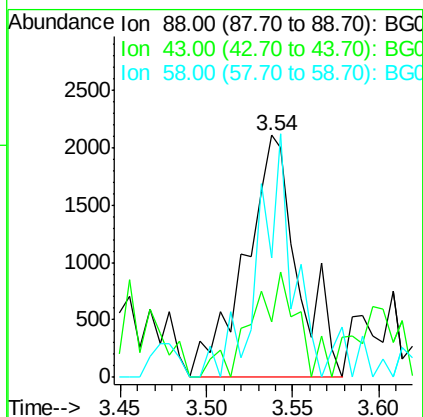
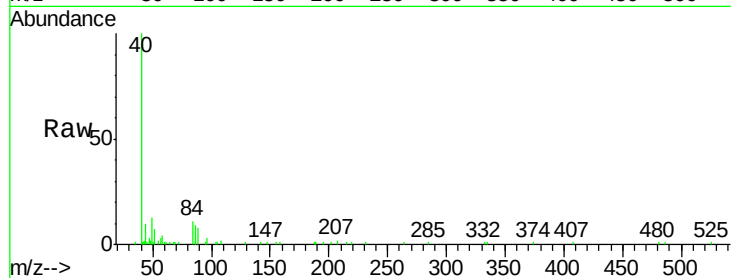
MDL-04-W

Tgt Ion:	88	Resp:	4503
Ion	Ratio	Lower	Upper
88	100		
43	22.8	16.6	24.8
58	49.2	47.2	70.8

Manual Integrations

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#4

Benzaldehyde

Concen: 5.52 ng/uL

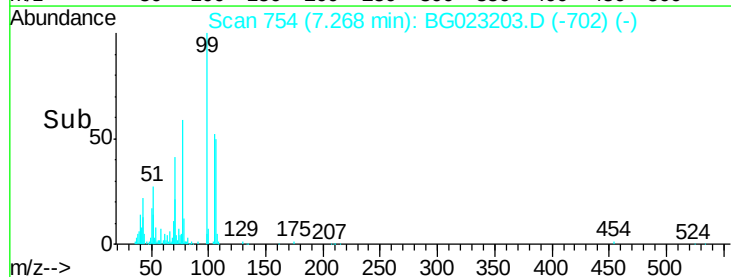
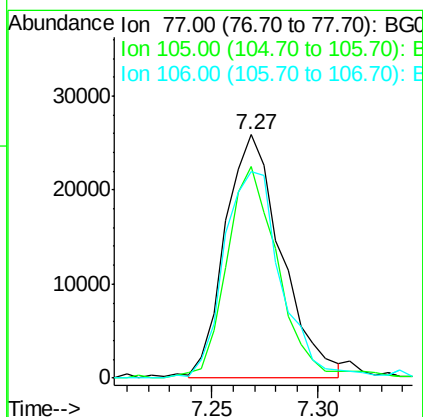
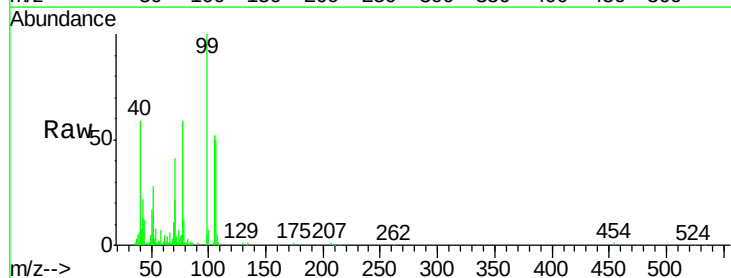
RT: 7.27 min Scan# 754

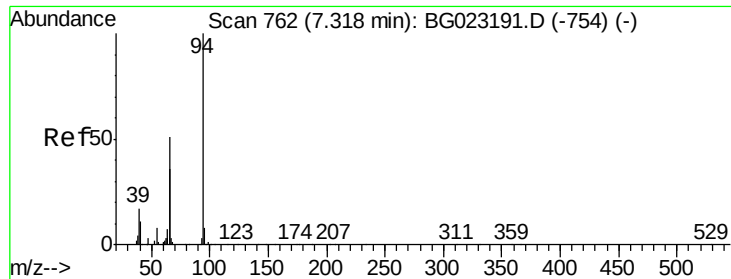
Delta R.T. 0.00 min

Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

Tgt Ion:	77	Resp:	47816
Ion	Ratio	Lower	Upper
77	100		
105	87.0	83.8	125.8
106	84.7	77.9	116.9





#6

Phenol

Concen: 4.07 ng/ul m

RT: 7.32 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

Instrument :

BNA_G

ClientSampleId :

MDL-04-W

Tgt Ion: 94 Resp: 59124

Ion Ratio Lower Upper

94 100

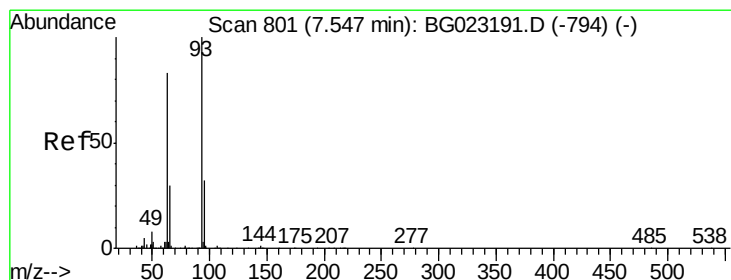
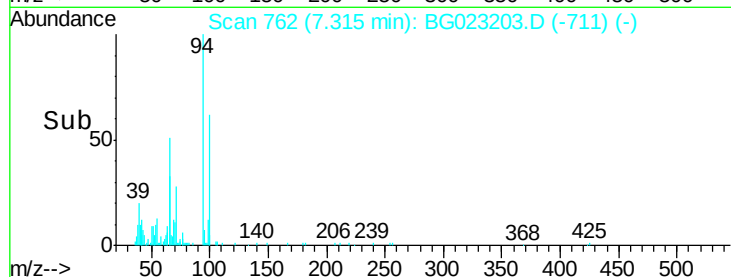
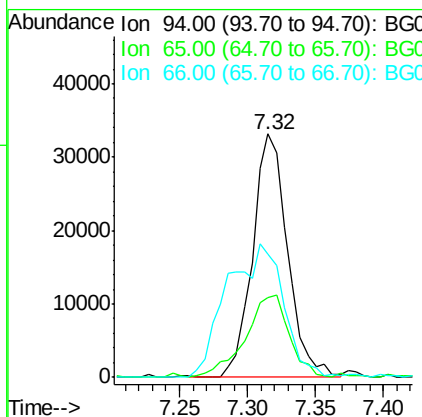
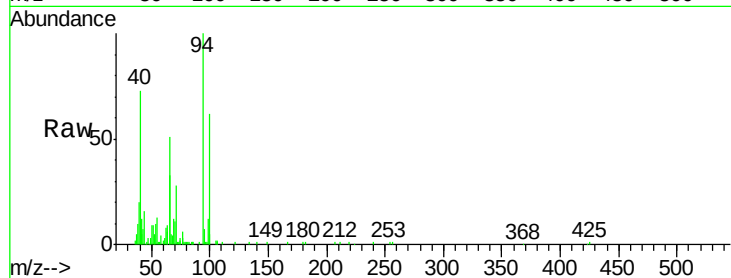
65 33.0 16.8 25.2#

66 50.6 22.6 33.8#

Manual Integrations

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#8

Bis(2-Chloroethyl)ether

Concen: 4.47 ng/ul

RT: 7.54 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

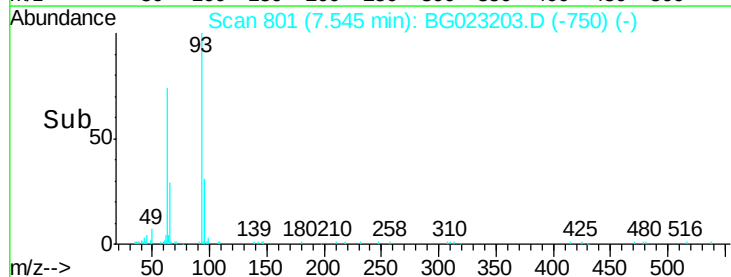
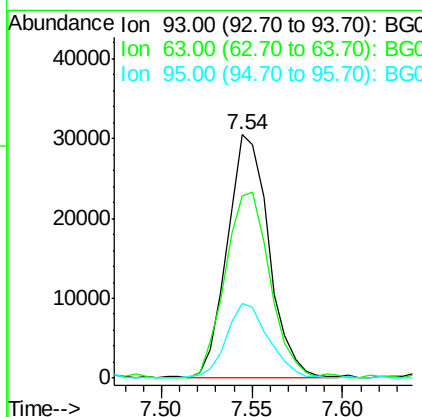
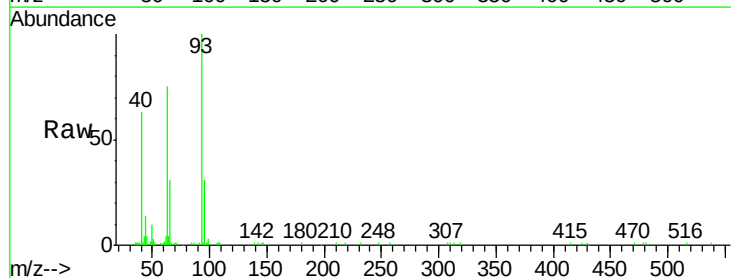
Tgt Ion: 93 Resp: 48806

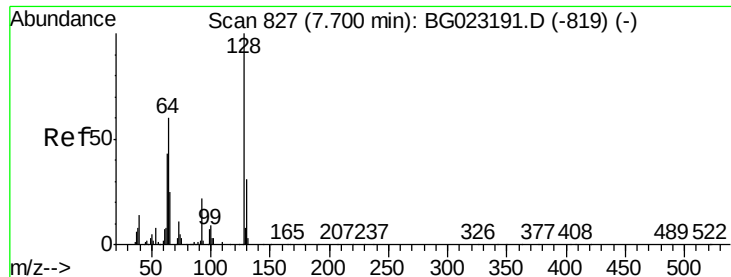
Ion Ratio Lower Upper

93 100

63 74.9 56.0 84.0

95 30.8 27.7 41.5





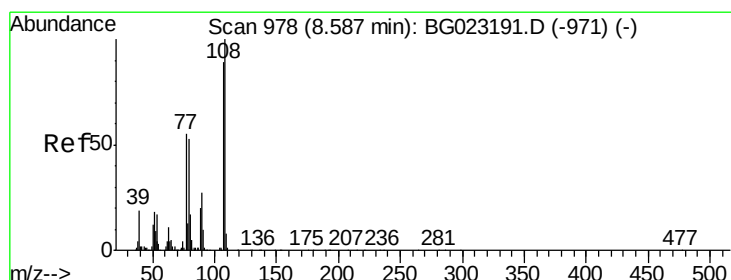
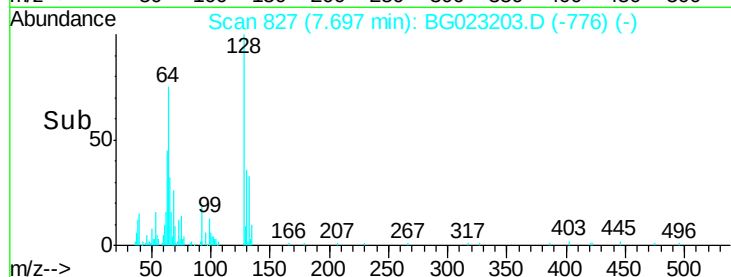
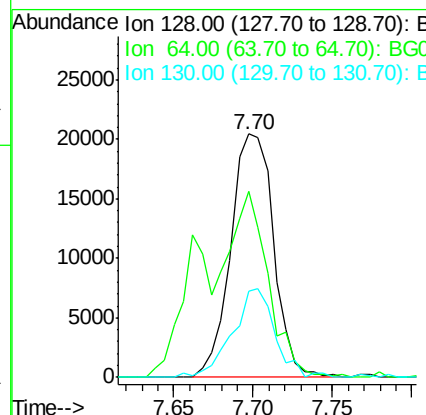
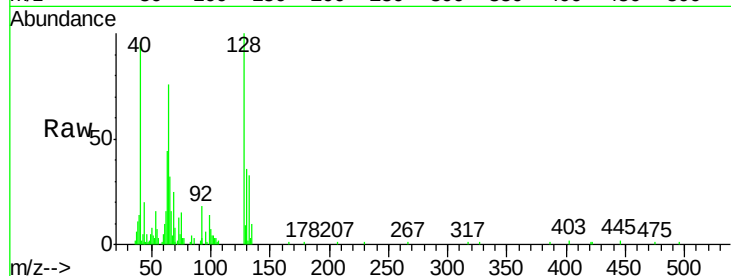
#10
2-Chlorophenol
Concen: 3.98 ng/ul
RT: 7.70 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
128	100		
64	76.4	34.2	51.4#
130	37.3	27.0	40.4

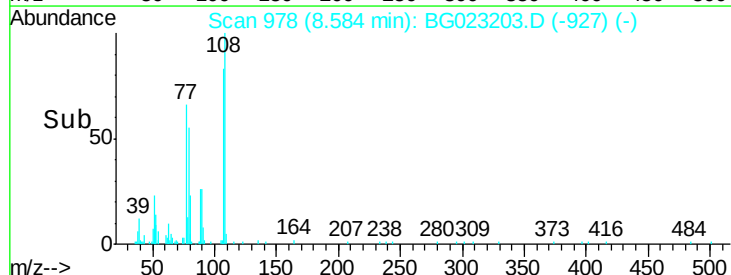
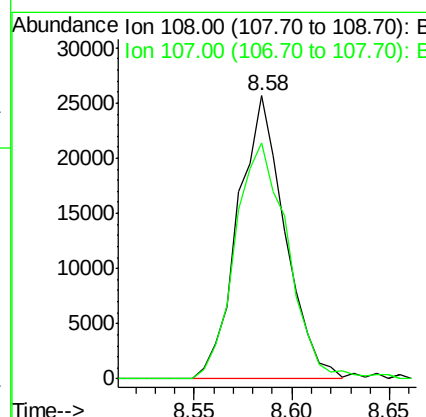
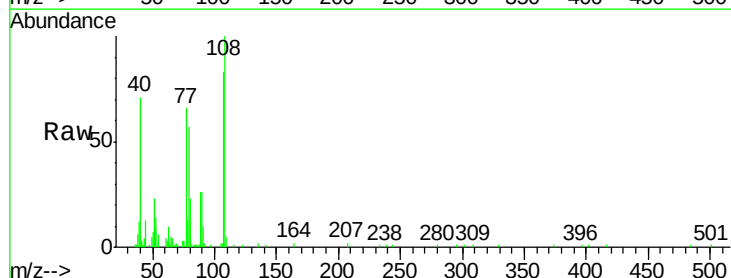
Manual Integrations

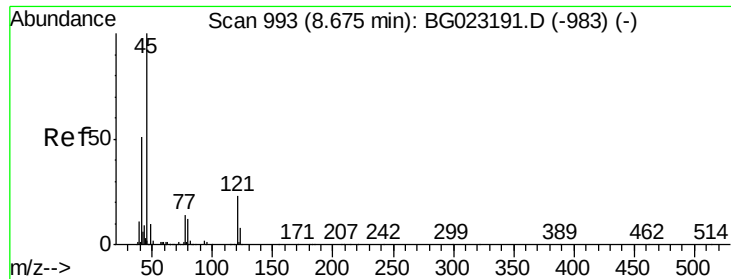
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#11
2-Methylphenol
Concen: 3.98 ng/ul
RT: 8.58 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
108	100		
107	83.3	78.6	117.8





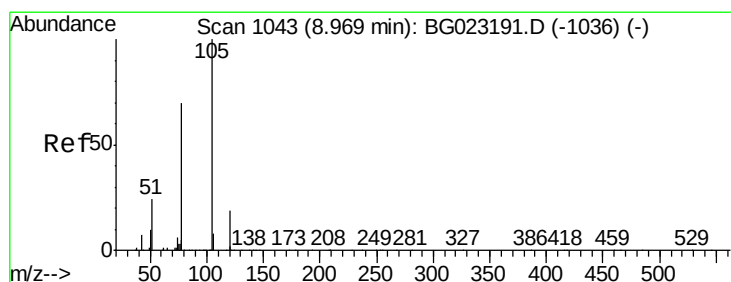
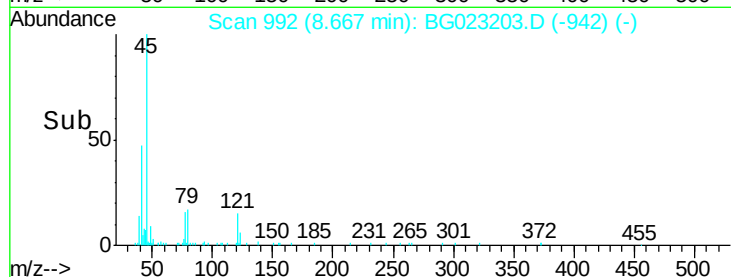
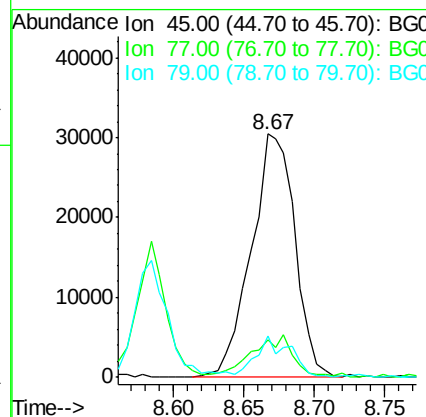
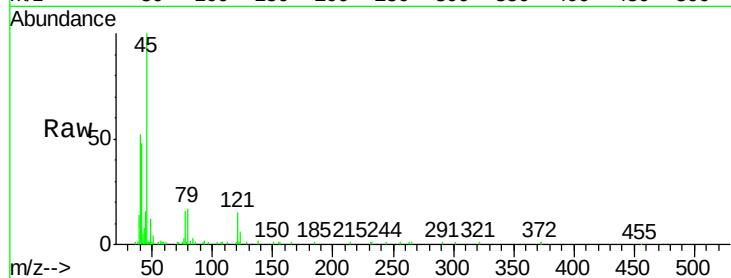
#12
2,2'-oxybis(1-chloropropane)
Concen: 4.47 ng/ul
RT: 8.67 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	13.4	20.2
79	16.8	10.2	15.4

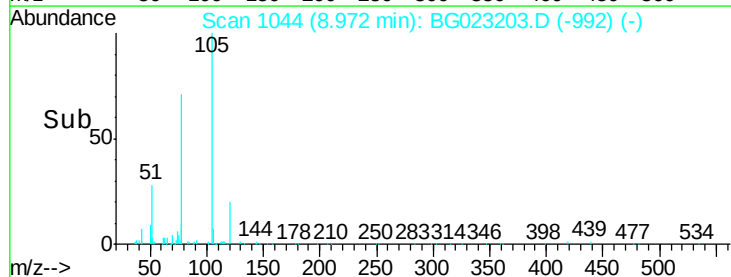
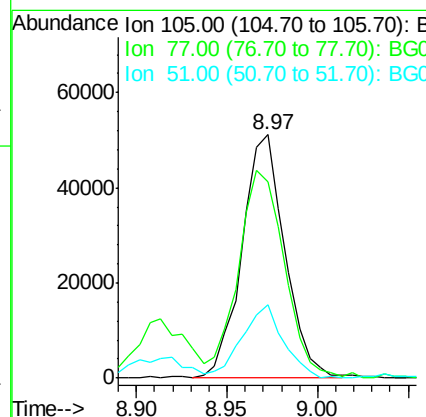
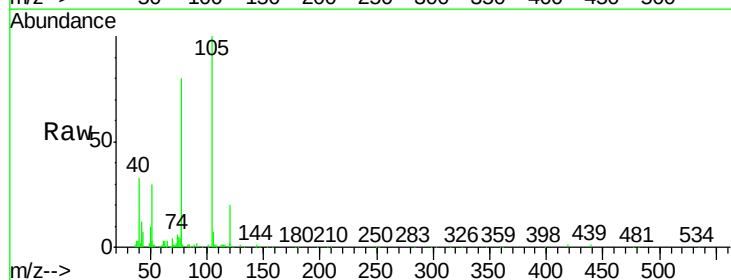
Manual Integrations

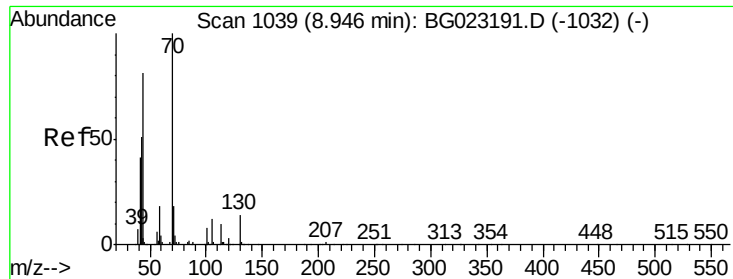
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#14
Acetophenone
Concen: 4.46 ng/ul
RT: 8.97 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
105	100		
77	80.5	56.1	84.1
51	30.3	14.6	22.0





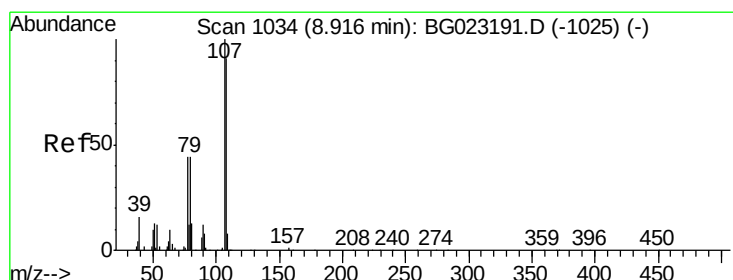
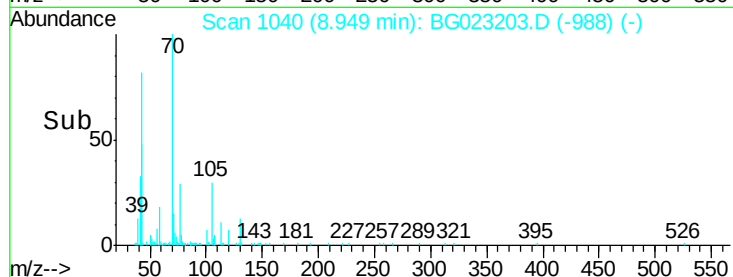
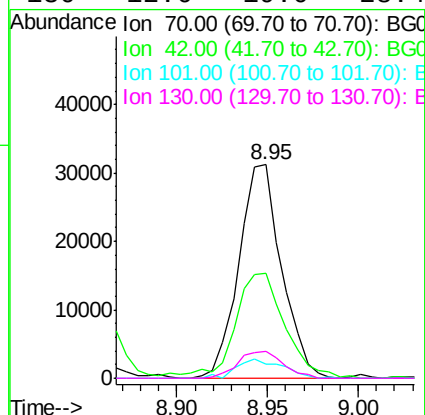
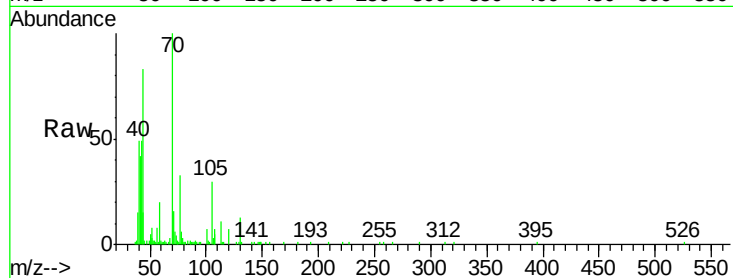
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N-Nitroso-di-n-propylamine
Concen: 4.10 ng/ul
RT: 8.95 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.0	31.4	47.2#
101	6.6	8.6	13.0#
130	12.6	19.0	28.4#

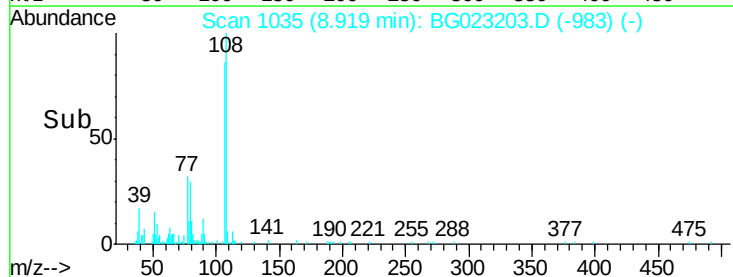
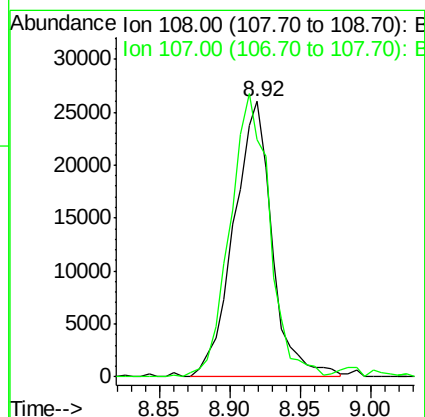
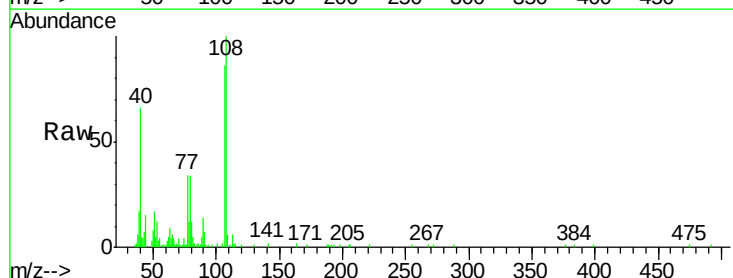
Manual Integrations

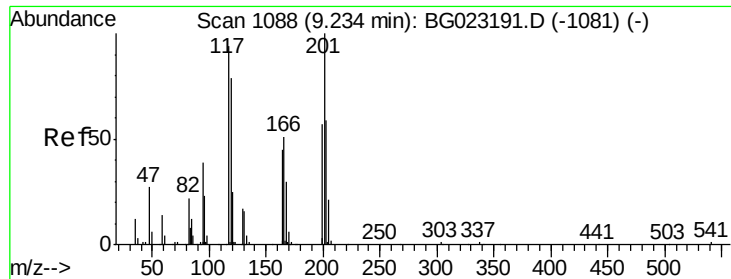
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#16
4-Methylphenol
Concen: 4.13 ng/ul
RT: 8.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
108	100		
107	86.3	88.3	132.5#





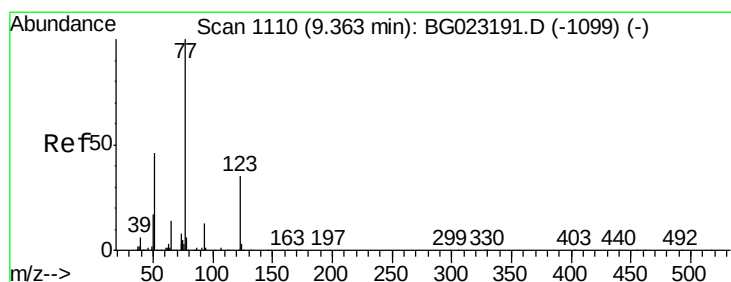
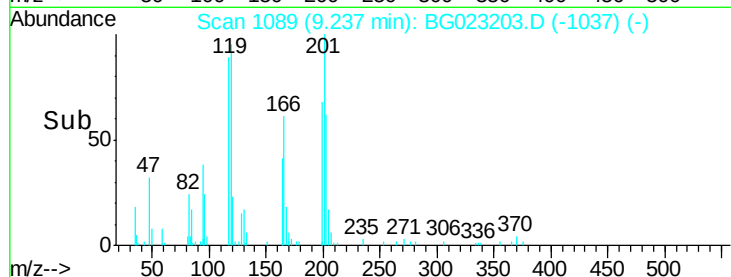
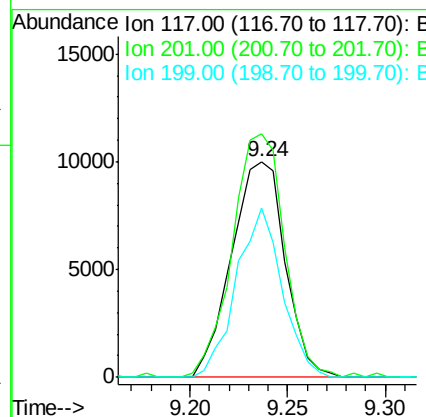
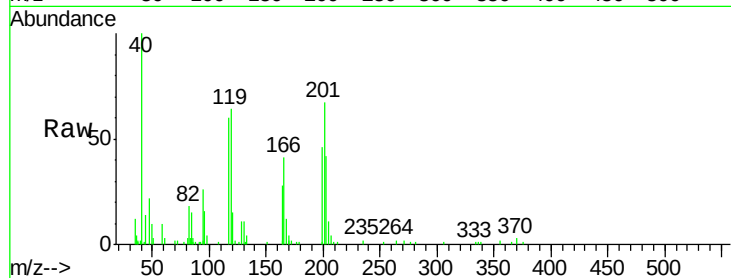
#17
Hexachloroethane
Concen: 4.18 ng/ul
RT: 9.24 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
117	100		
201	112.8	76.8	115.2
199	78.6	43.5	65.3

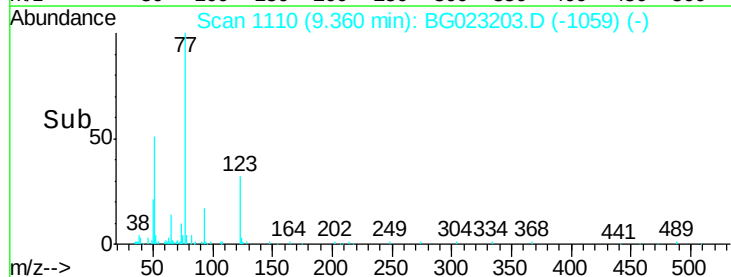
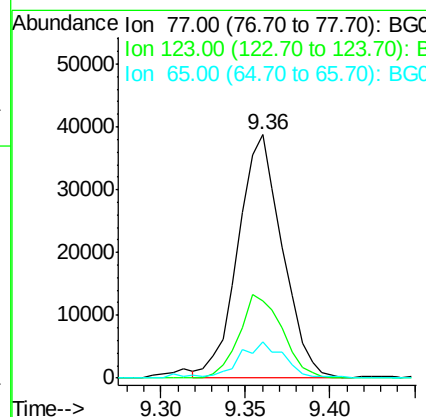
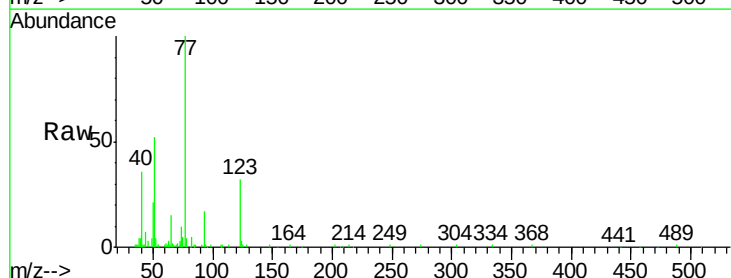
Manual Integrations

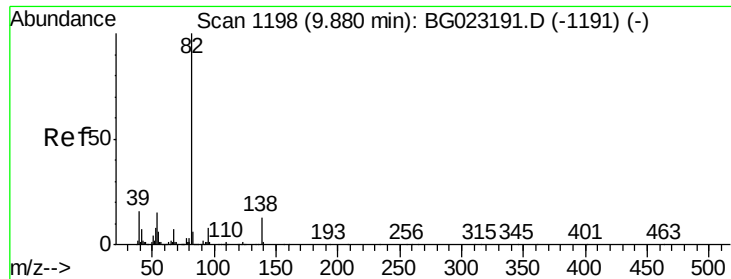
sohil
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#20
Nitrobenzene
Concen: 4.22 ng/ul
RT: 9.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	31.6	39.5	59.3
65	14.9	9.0	13.4





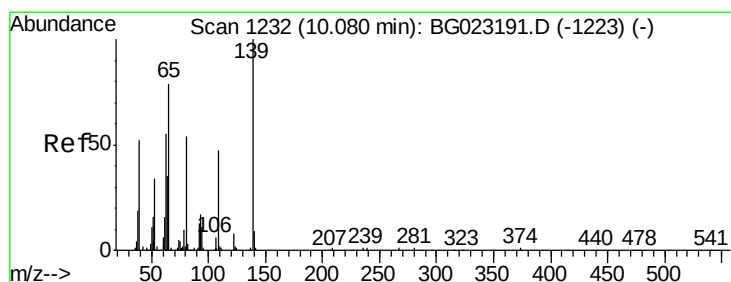
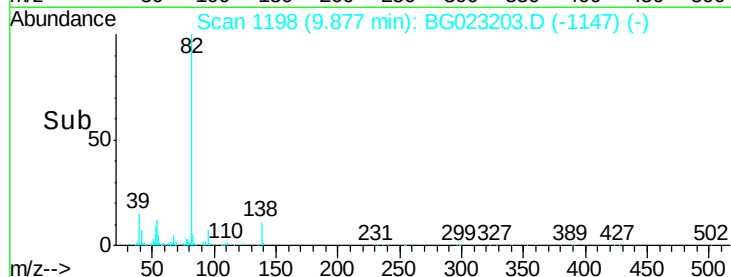
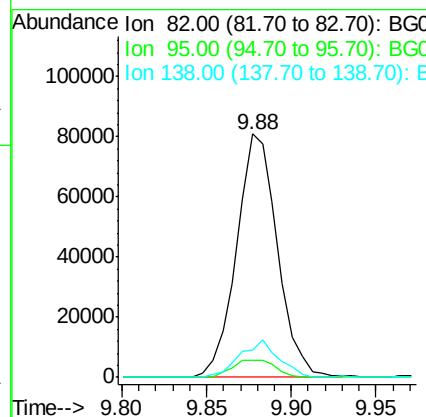
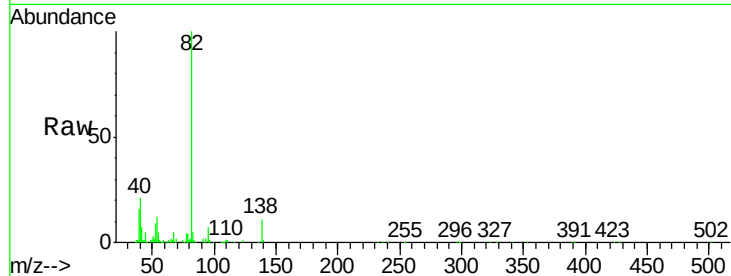
#21
Isophorone
Concen: 4.27 ng/ul
RT: 9.88 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	135998		
95	6.8	5.1	7.7	
138	11.0	15.0	22.6	

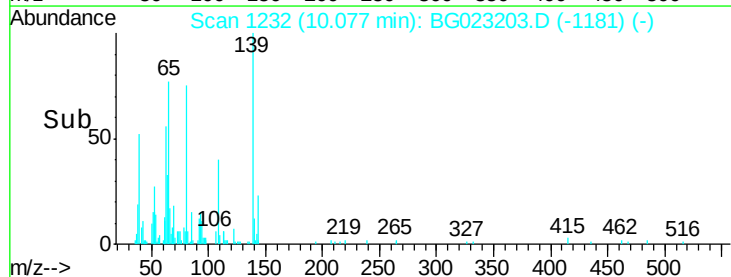
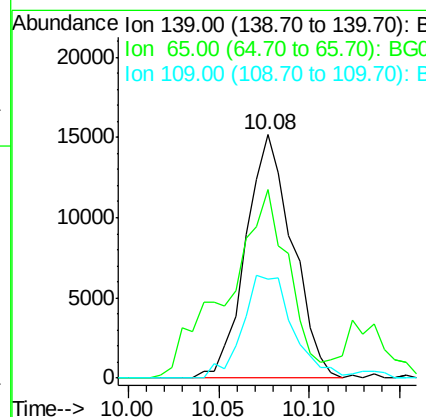
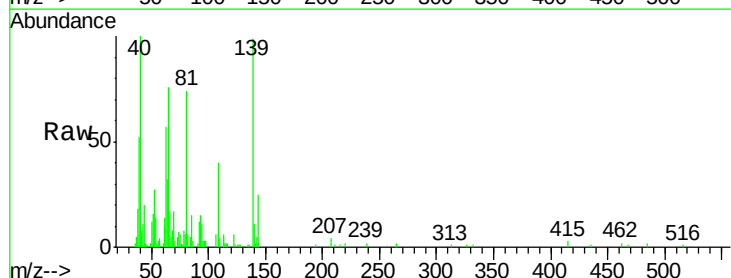
Manual Integrations

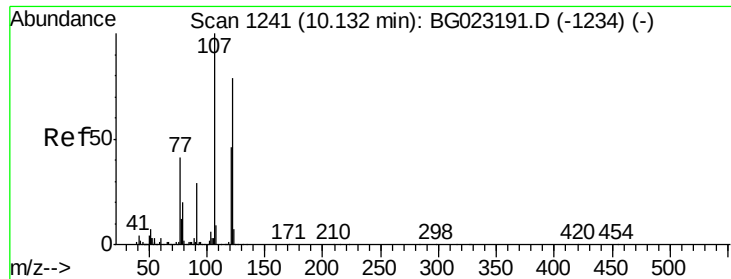
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#23
2-Nitrophenol
Concen: 4.21 ng/ul
RT: 10.08 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	27162		
65	77.3	31.8	47.8	
109	40.5	17.1	25.7	





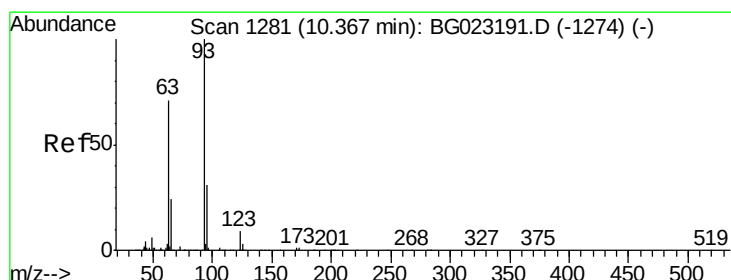
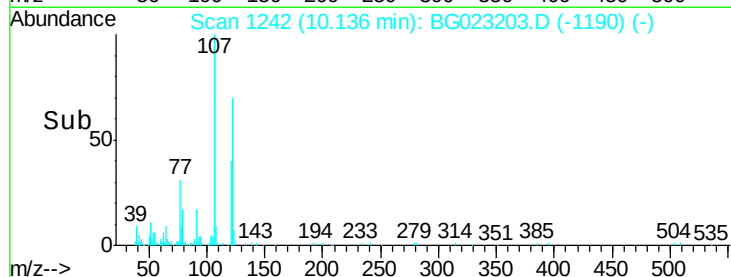
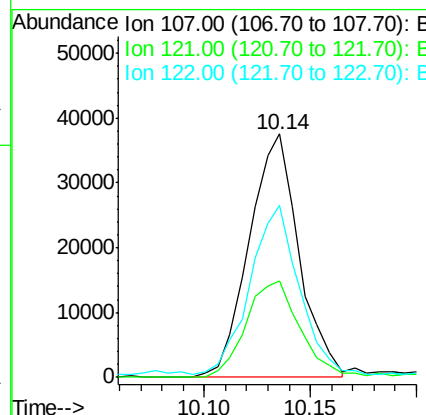
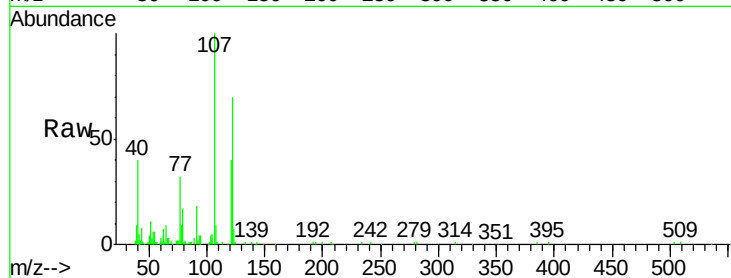
#24
 2,4-Dimethylphenol
 Concen: 4.14 ng/ul
 RT: 10.14 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BG023203.D
 Acq: 21 Jul 2016 1:14

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Lower	Upper
107	100		
121	39.6	43.7	65.5#
122	70.4	70.3	105.5

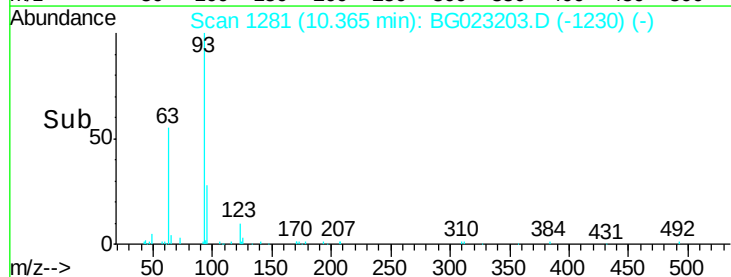
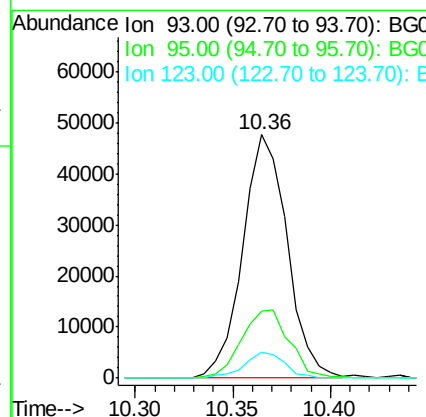
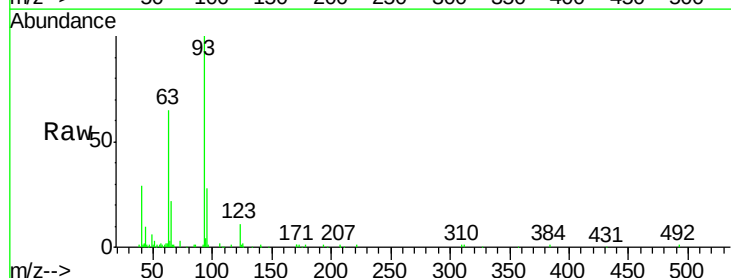
Manual Integrations

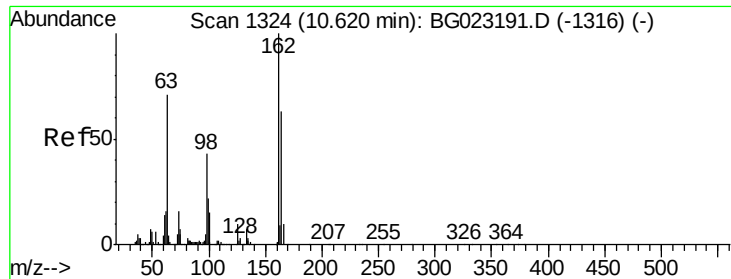
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 4.28 ng/ul
 RT: 10.36 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG023203.D
 Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	27.7	26.0	39.0
123	10.6	10.1	15.1





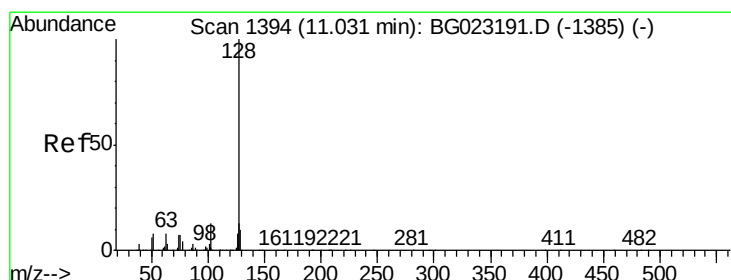
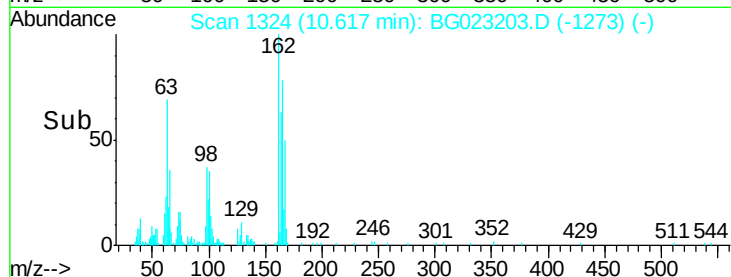
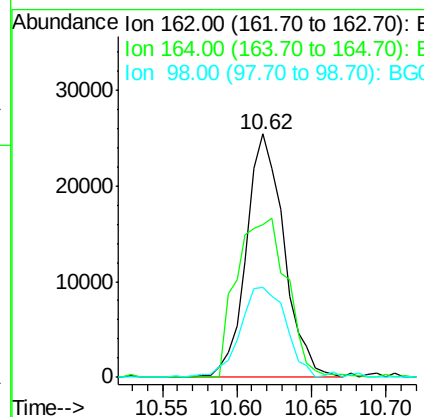
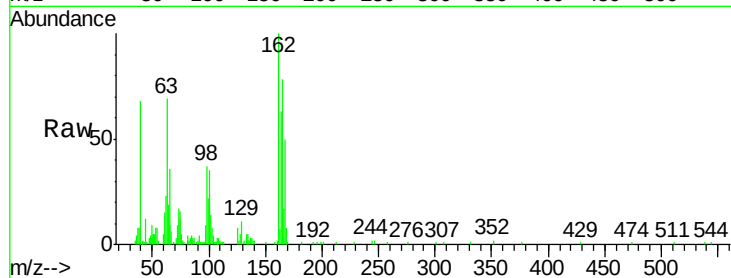
#27
2,4-Dichlorophenol
Concen: 3.96 ng/ul
RT: 10.62 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion:	162	Resp:	44563
Ion Ratio	Lower	Upper	
162	100		
164	62.8	51.6	77.4
98	36.9	28.3	42.5

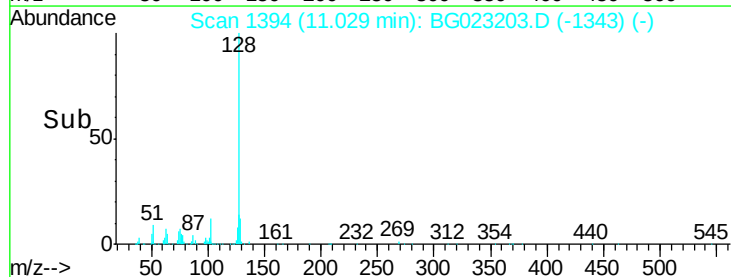
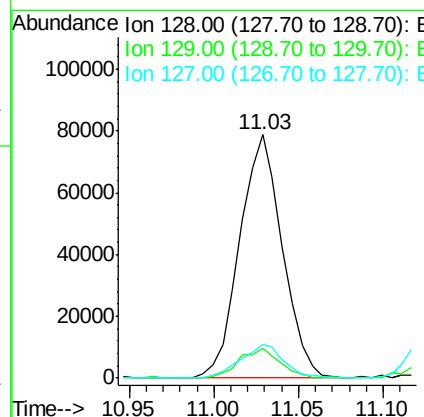
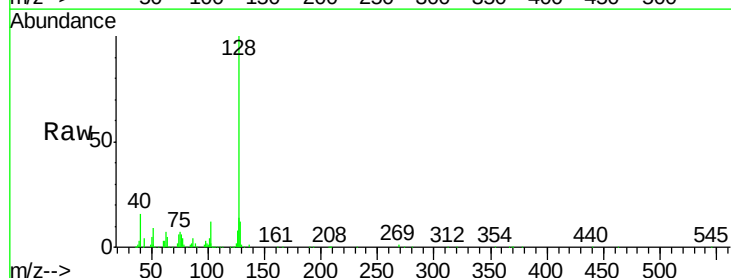
Manual Integrations

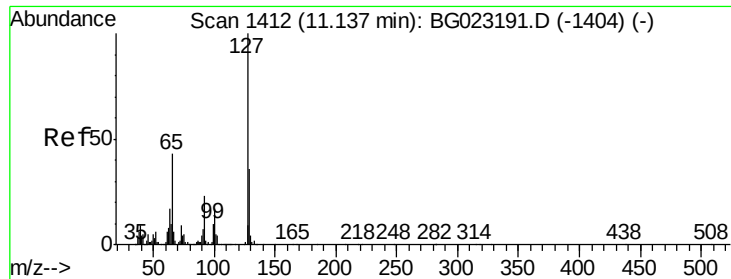
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#28
Naphthalene
Concen: 4.24 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Tgt Ion:	128	Resp:	137781
Ion Ratio	Lower	Upper	
128	100		
129	12.1	9.4	14.2
127	14.0	11.2	16.8





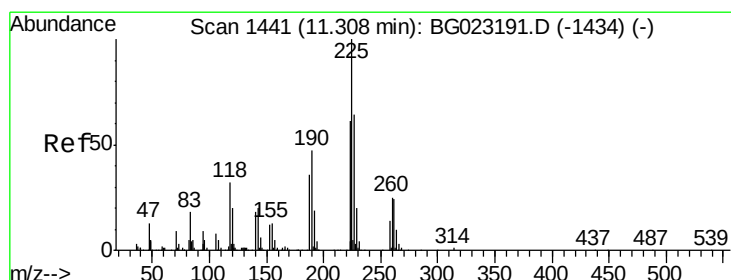
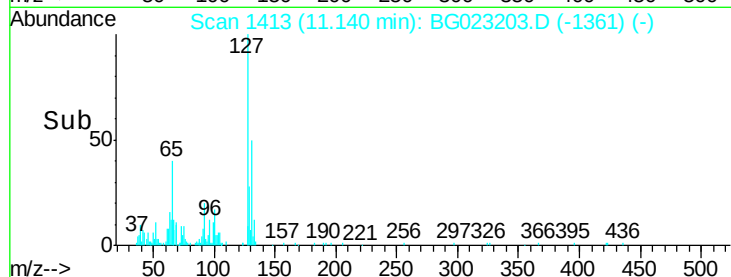
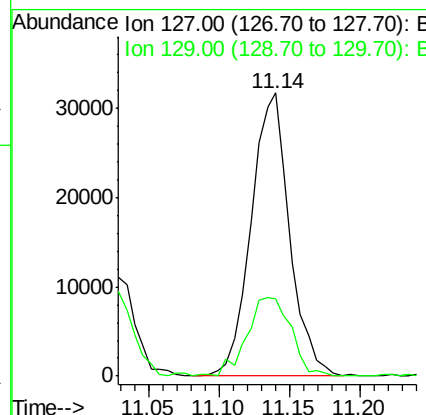
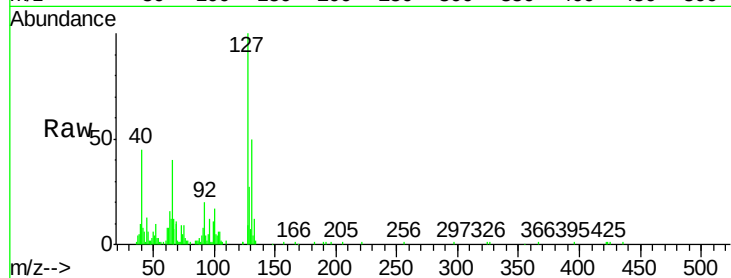
#30
4-Chloroaniline
Concen: 4.99 ng/ul
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion:127 Resp: 60598
Ion Ratio Lower Upper
127 100
129 27.4 26.9 40.3

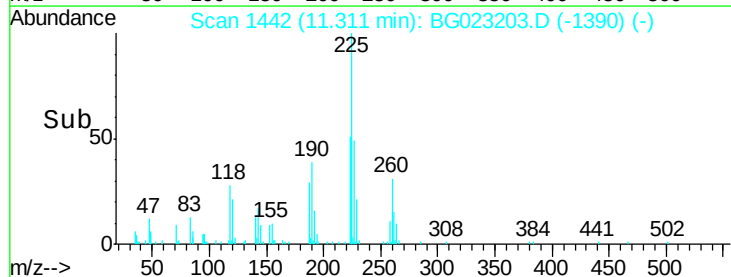
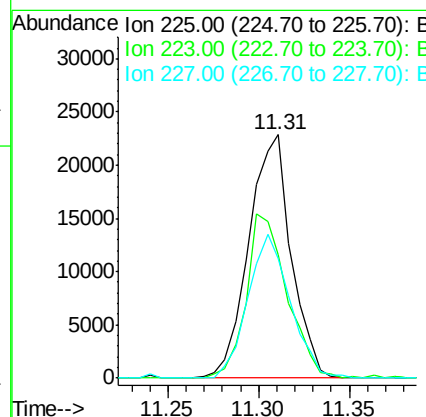
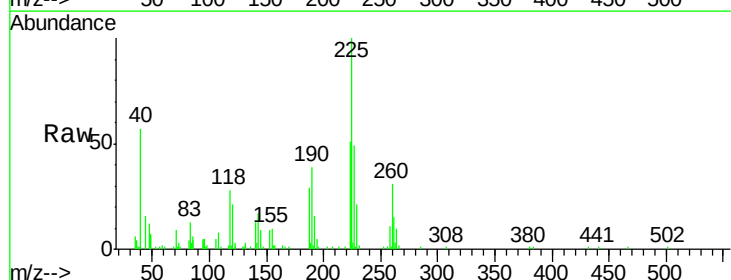
Manual Integrations

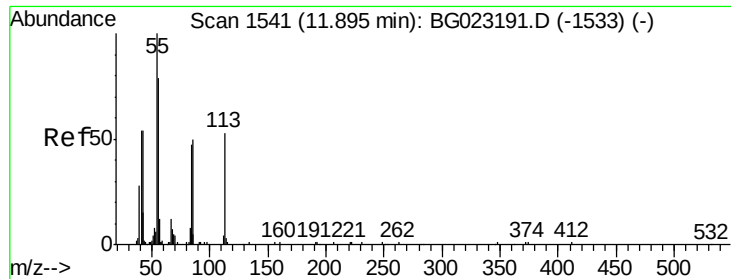
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#31
Hexachlorobutadiene
Concen: 4.12 ng/ul
RT: 11.31 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Tgt Ion:225 Resp: 37196
Ion Ratio Lower Upper
225 100
223 50.7 54.7 82.1#
227 50.3 52.2 78.4#





#32

Caprolactam

Concen: 4.67 ng/ul m

RT: 11.92 min Scan# 1545

Delta R.T. 0.02 min

Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

Instrument :

BNA_G

ClientSampleId :

MDL-04-W

Tgt Ion:113 Resp: 21767

Ion Ratio Lower Upper

113 100

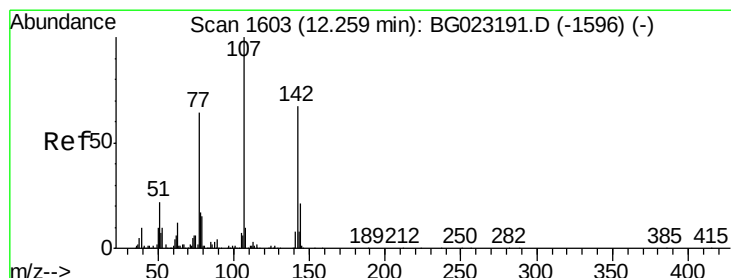
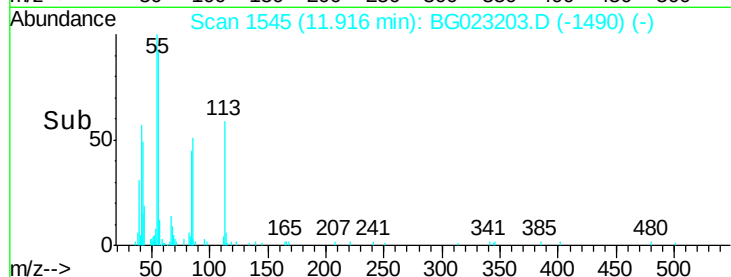
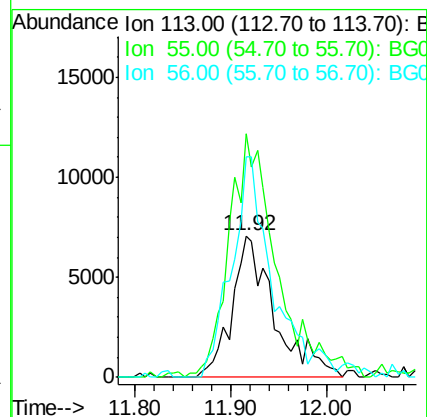
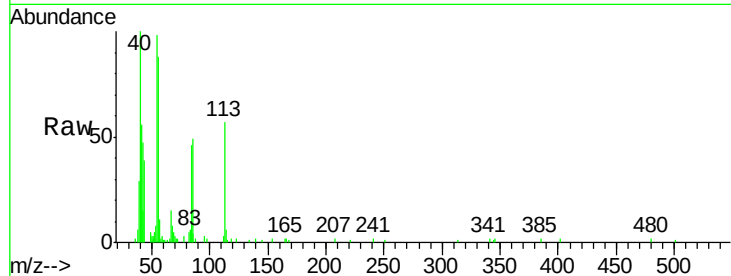
55 172.2 99.6 149.4#

56 155.9 66.4 99.6#

Manual Integrations

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#33

4-Chloro-3-methylphenol

Concen: 3.81 ng/ul

RT: 12.26 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

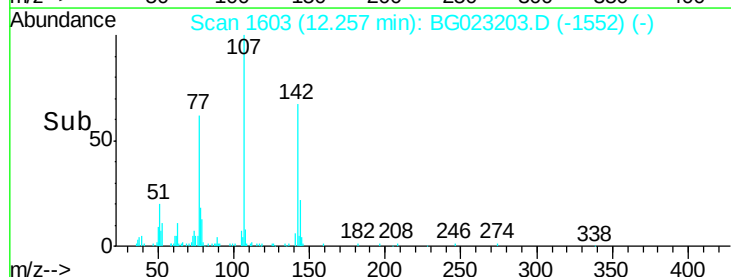
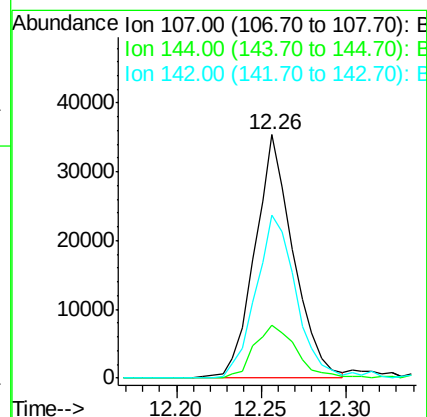
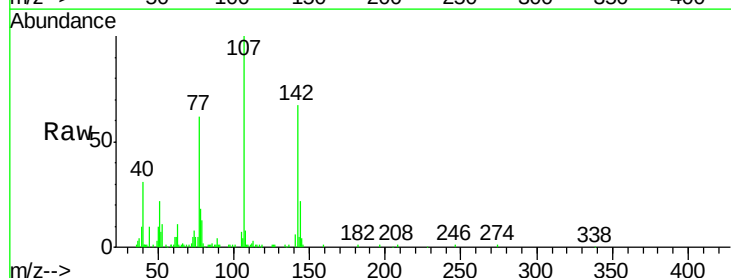
Tgt Ion:107 Resp: 56199

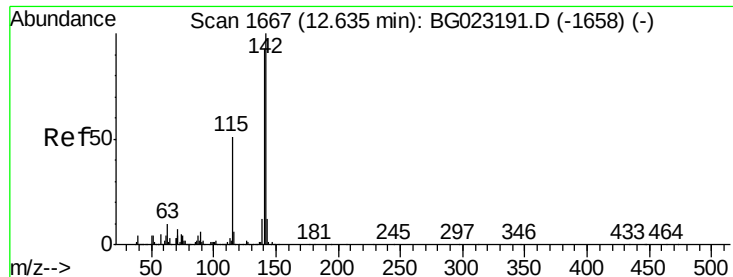
Ion Ratio Lower Upper

107 100

144 21.7 22.7 34.1#

142 67.2 71.6 107.4#





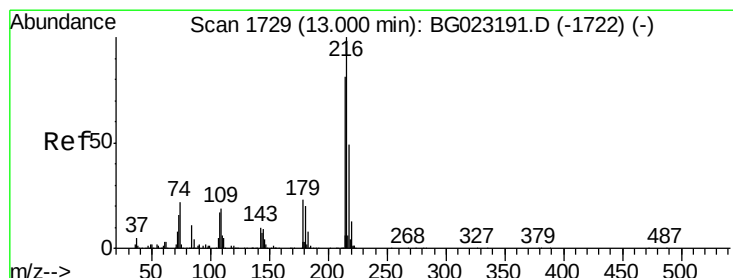
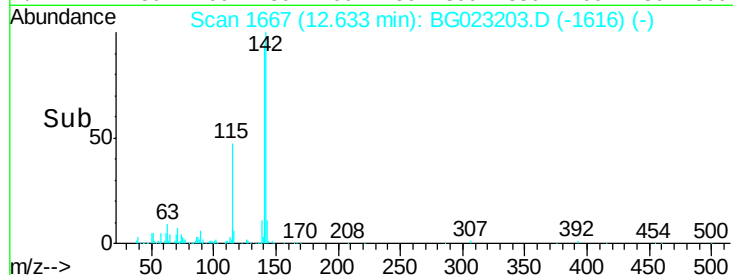
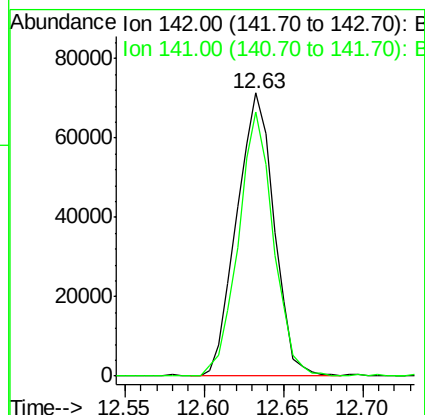
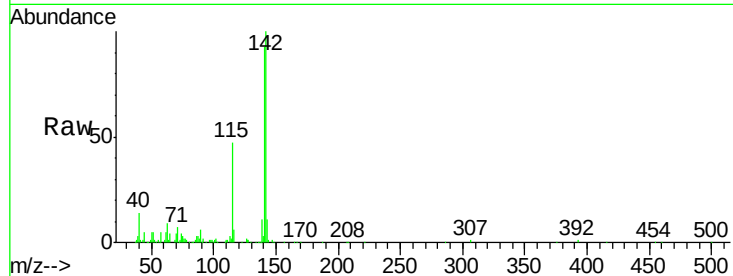
#34
 2-Methylnaphthalene
 Concen: 4.33 ng/ul
 RT: 12.63 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG023203.D
 Acq: 21 Jul 2016 1:14

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.2	112.8

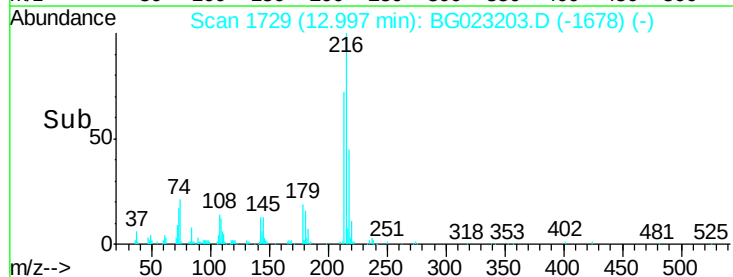
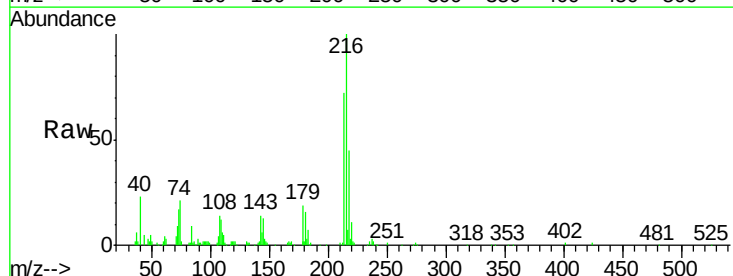
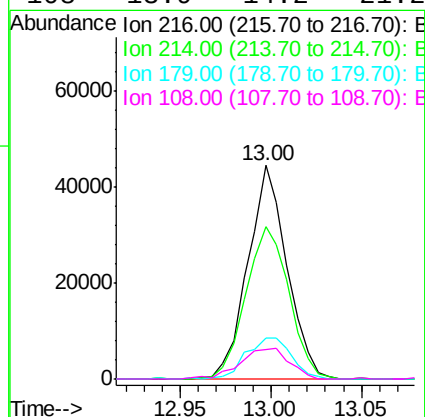
Manual Integrations

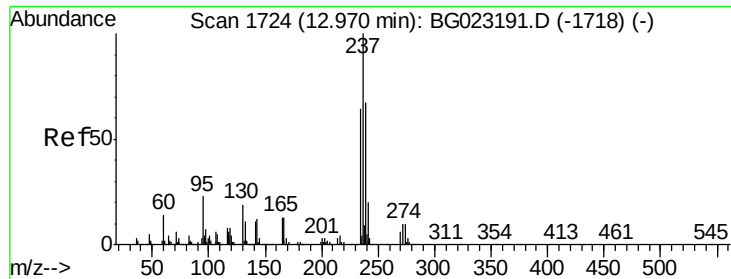
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.15 ng/ul
 RT: 13.00 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG023203.D
 Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	71.6	61.7	92.5
179	19.5	17.0	25.4
108	13.9	14.2	21.2#





#37

Hexachlorocyclopentadiene

Concen: 3.34 ng/ul

RT: 12.97 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

Instrument :

BNA_G

ClientSampleId :

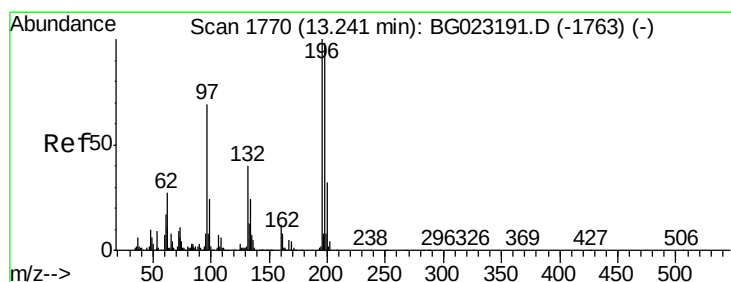
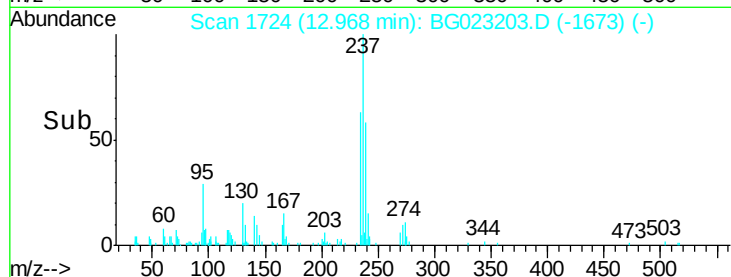
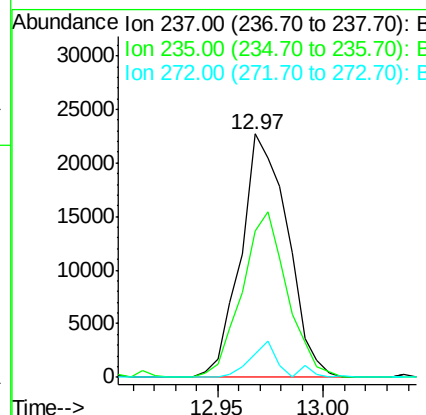
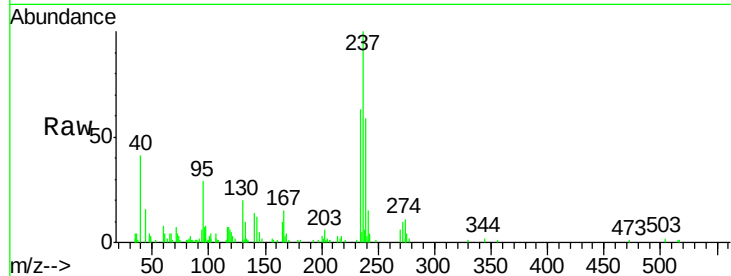
MDL-04-W

Tgt Ion:	237	Resp:	34877
Ion Ratio	Lower	Upper	
237	100		
235	60.0	49.6	74.4
272	9.7	9.3	13.9

Manual Integrations

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#38

2,4,6-Trichlorophenol

Concen: 4.09 ng/ul

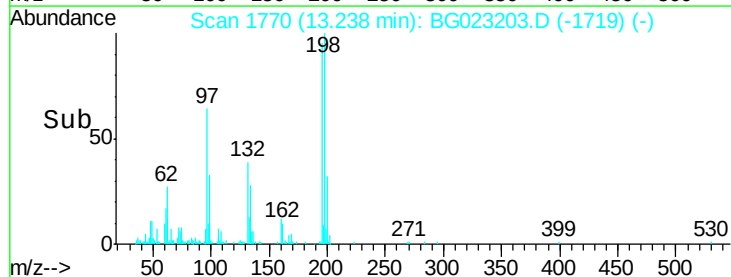
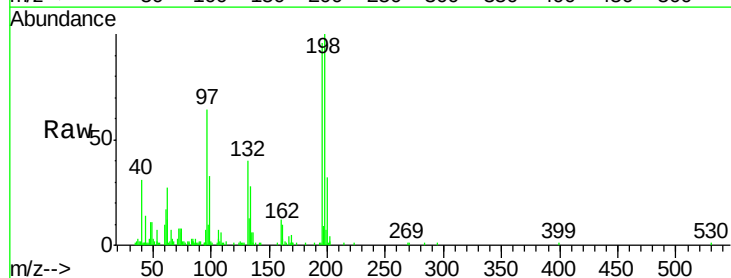
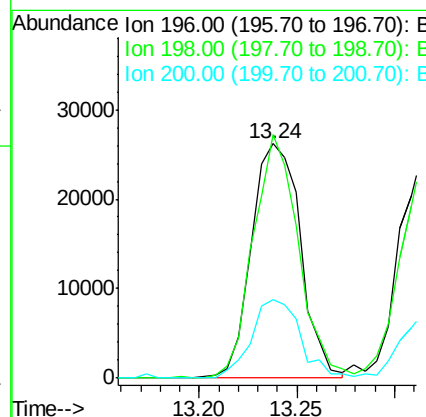
RT: 13.24 min Scan# 1770

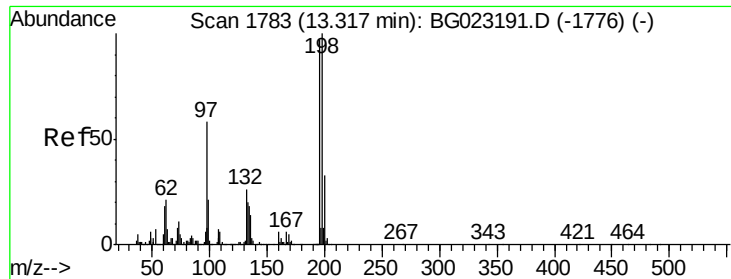
Delta R.T. -0.00 min

Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

Tgt Ion:	196	Resp:	45395
Ion Ratio	Lower	Upper	
196	100		
198	104.0	77.4	116.0
200	33.8	26.6	39.8





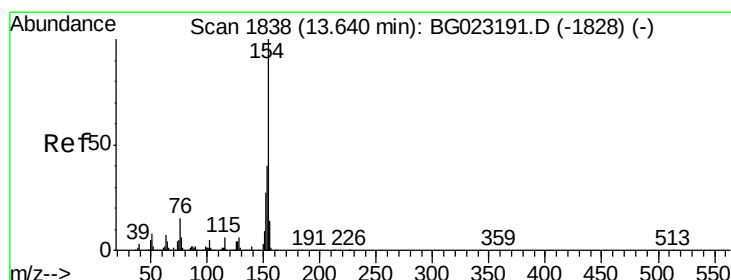
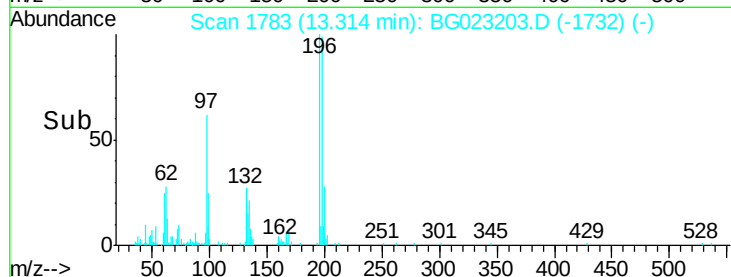
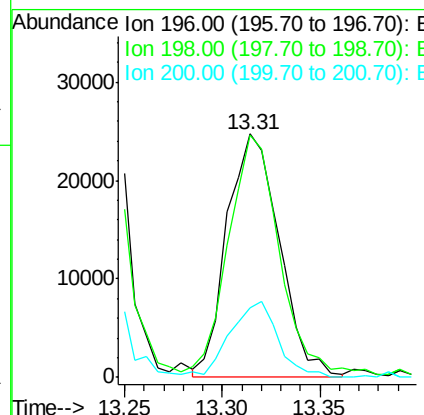
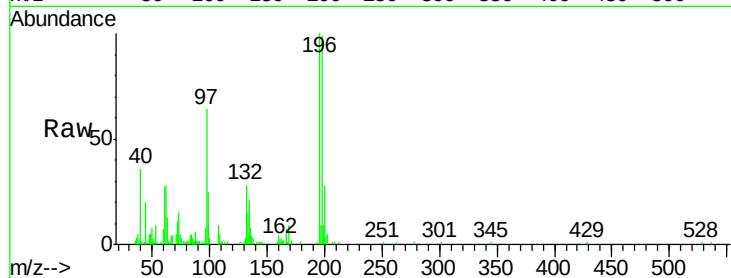
#39
 2,4,5-Trichlorophenol
 Concen: 4.07 ng/ul
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BG023203.D
 Acq: 21 Jul 2016 1:14

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	46063		
198	99.4	79.8	119.8	
200	28.4	24.0	36.0	

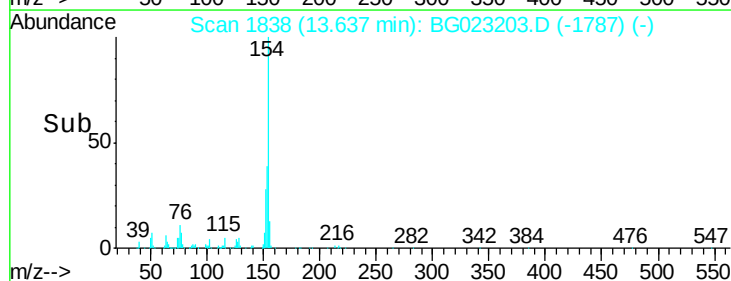
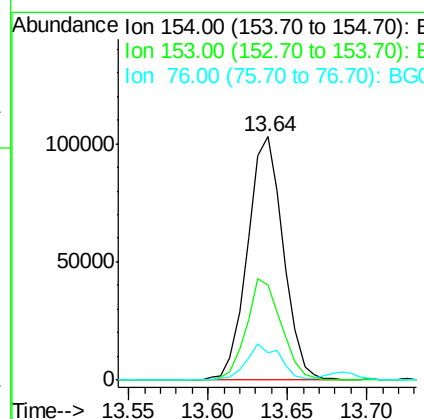
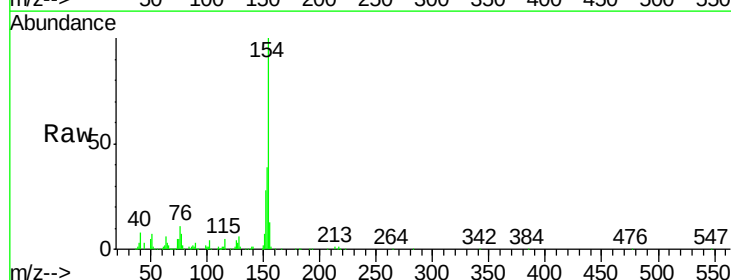
Manual Integrations

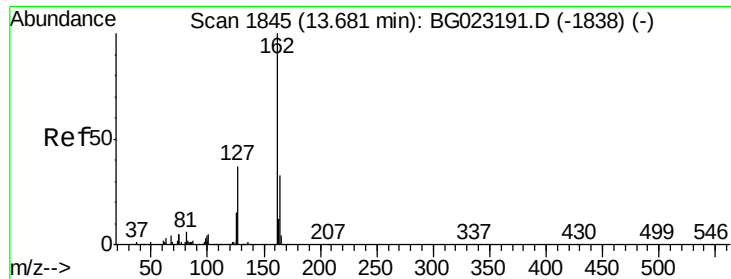
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#40
 1,1'-Biphenyl
 Concen: 4.47 ng/ul
 RT: 13.64 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BG023203.D
 Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	160981		
153	39.0	34.6	52.0	
76	11.3	11.9	17.9	





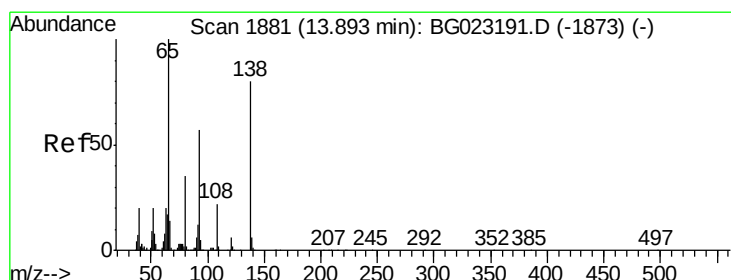
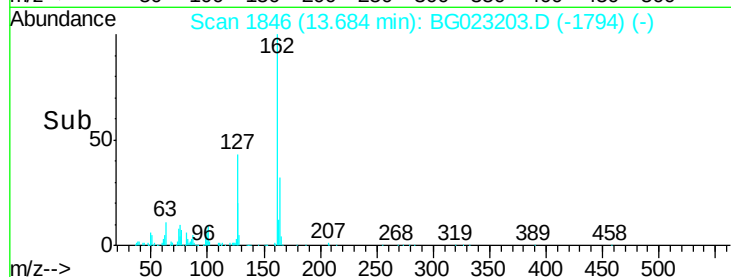
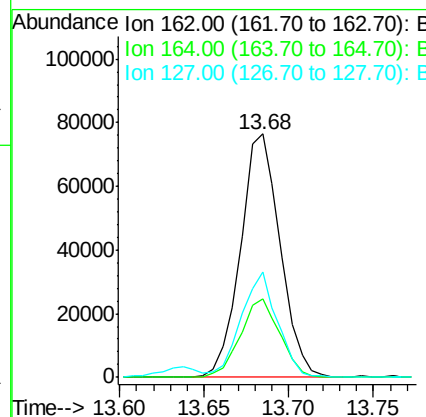
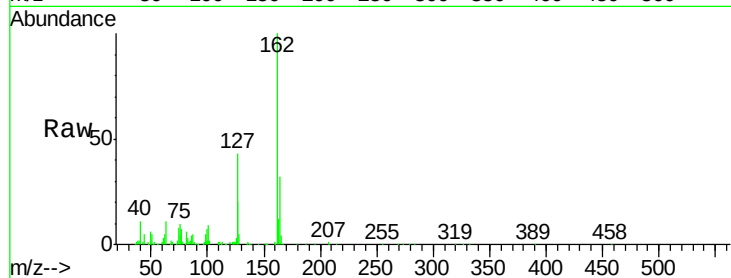
#41
2-Chloronaphthalene
Concen: 4.30 ng/ul
RT: 13.68 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Instrument :
BNA_G
ClientSampled :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.2	25.4	38.2
127	43.4	30.2	45.4

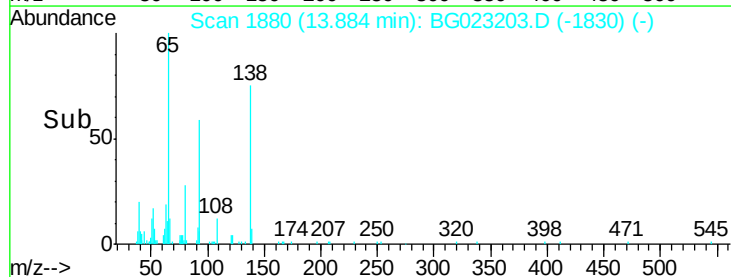
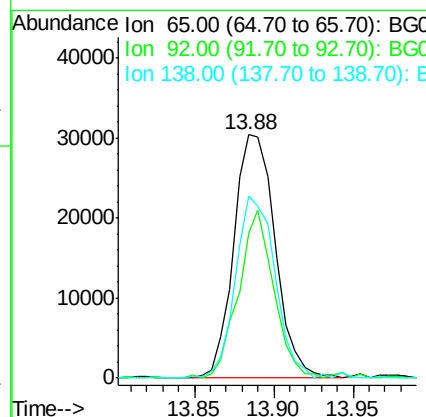
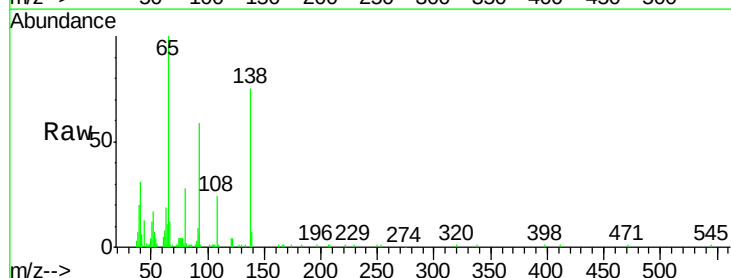
Manual Integrations

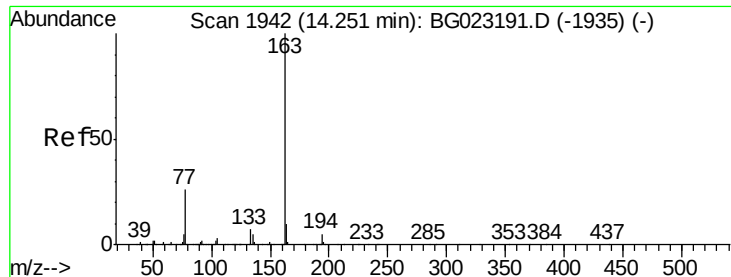
sohil
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#42
2-Nitroaniline
Concen: 4.26 ng/ul
RT: 13.88 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.4	67.1	100.7#
138	74.9	109.6	164.4#





#44

Dimethylphthalate

Concen: 4.59 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

Instrument :

BNA_G

ClientSampleId :

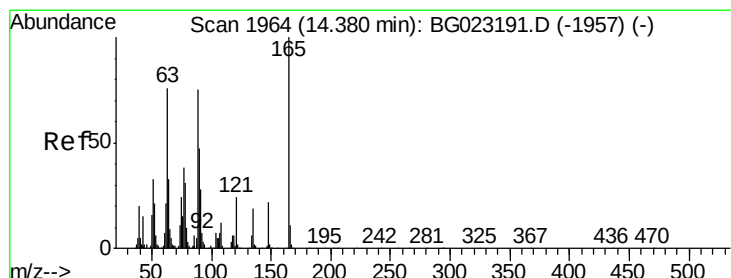
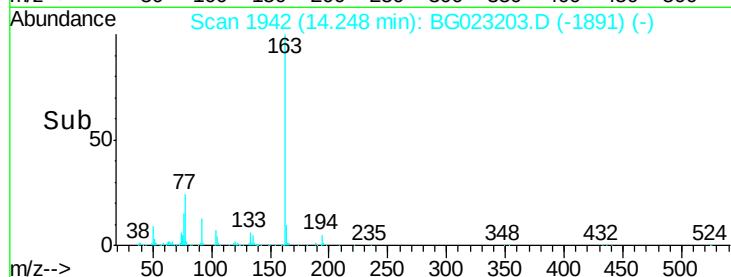
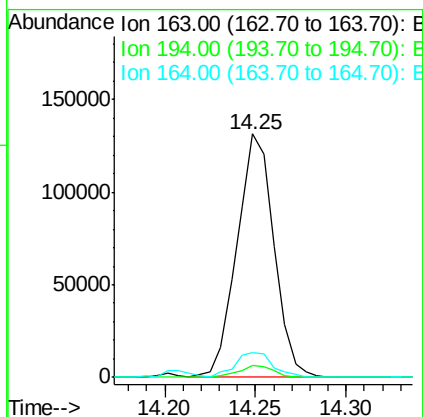
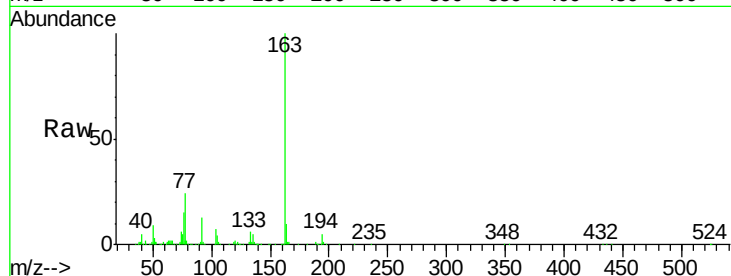
MDL-04-W

Tgt Ion:	163	Resp:	185686
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.4	5.2
164	10.2	8.8	13.2

Manual Integrations

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#45

2,6-Dinitrotoluene

Concen: 4.03 ng/ul

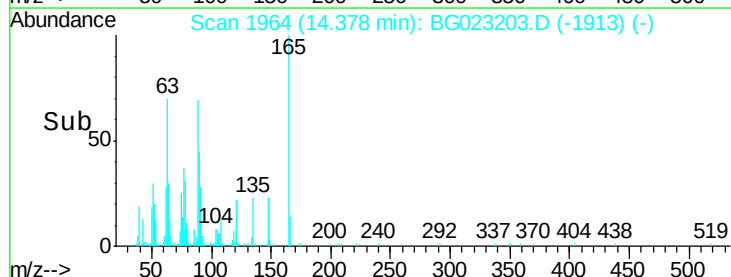
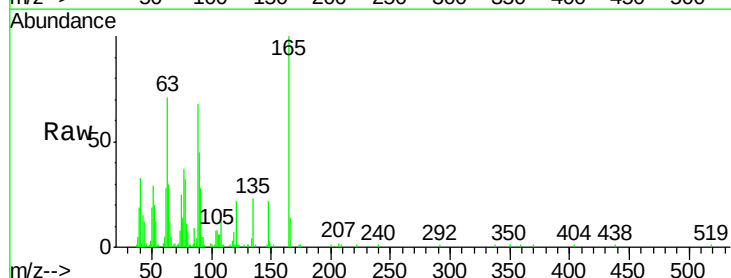
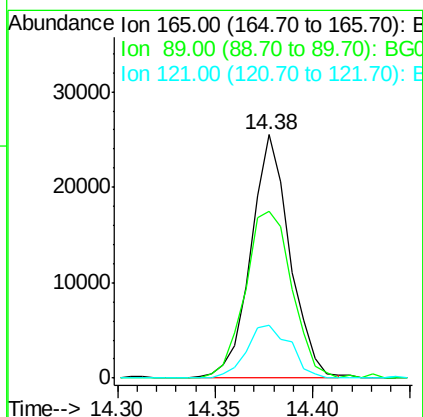
RT: 14.38 min Scan# 1964

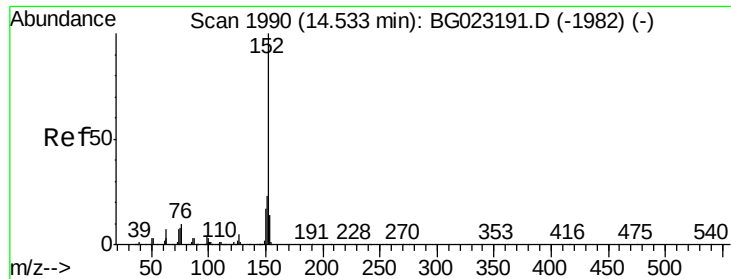
Delta R.T. -0.00 min

Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

Tgt Ion:	165	Resp:	35353
Ion Ratio	Lower	Upper	
165	100		
89	68.4	41.5	62.3#
121	21.8	17.0	25.4





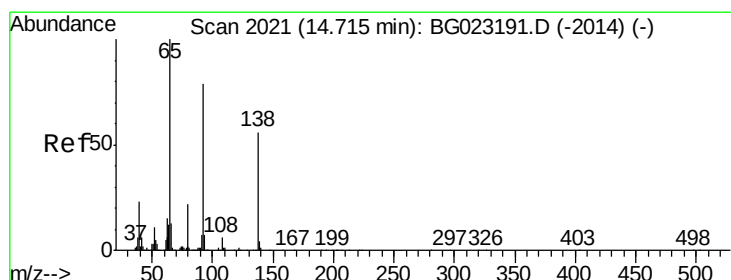
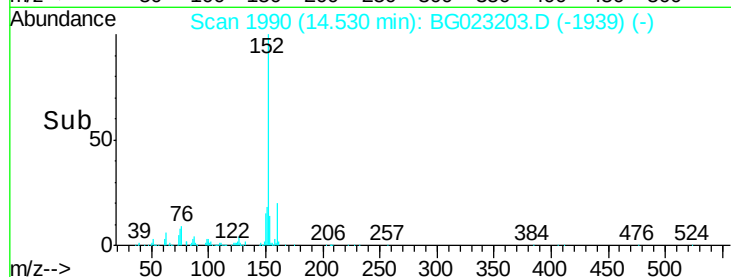
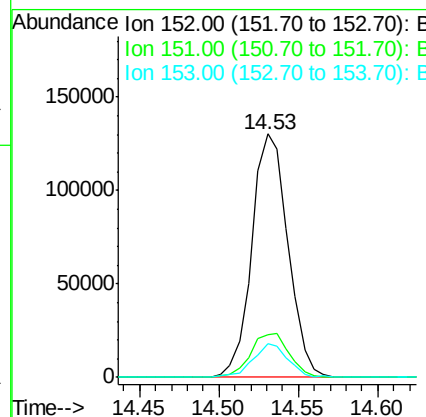
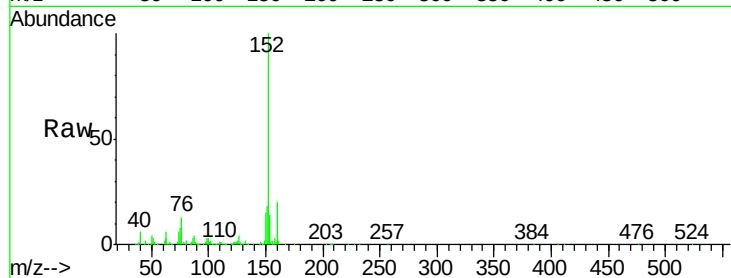
#47
 Acenaphthylene
 Concen: 4.49 ng/ul
 RT: 14.53 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BG023203.D
 Acq: 21 Jul 2016 1:14

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.6	17.5	26.3
153	13.7	11.1	16.7

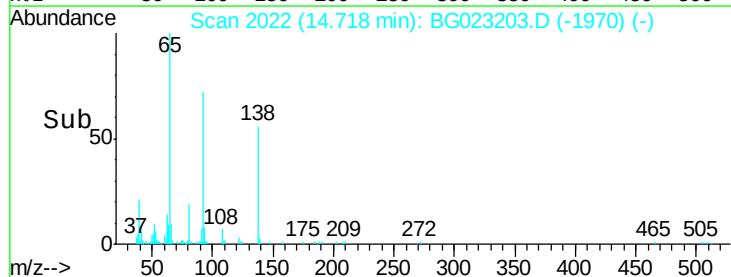
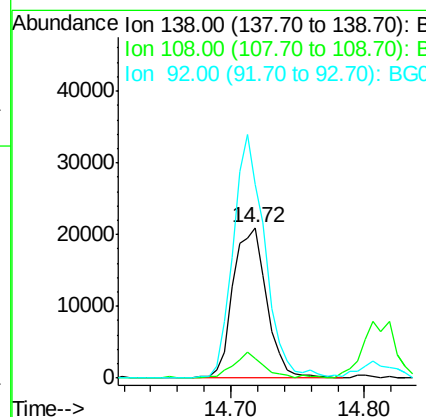
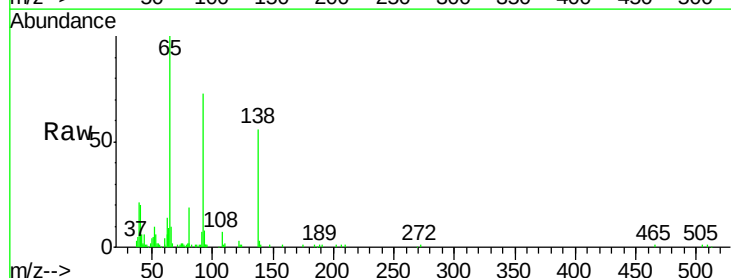
Manual Integrations

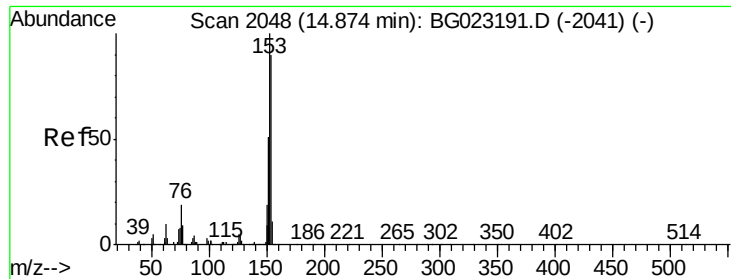
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#48
 3-Nitroaniline
 Concen: 4.91 ng/ul
 RT: 14.72 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BG023203.D
 Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.1	6.2	9.2#
92	129.3	79.3	118.9#





#49

Acenaphthene

Concen: 4.36 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

Instrument :

BNA_G

ClientSampled :

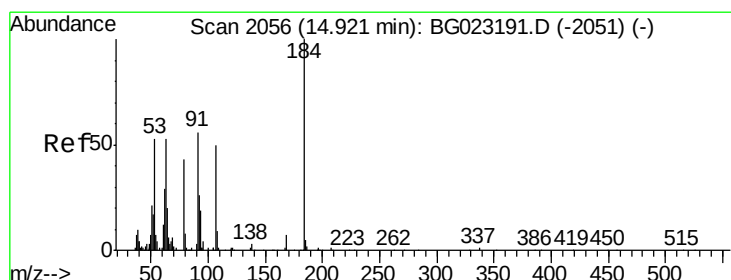
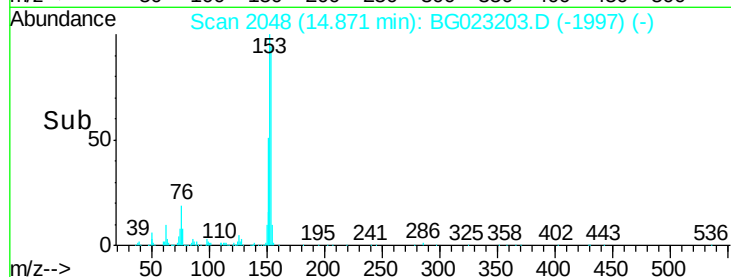
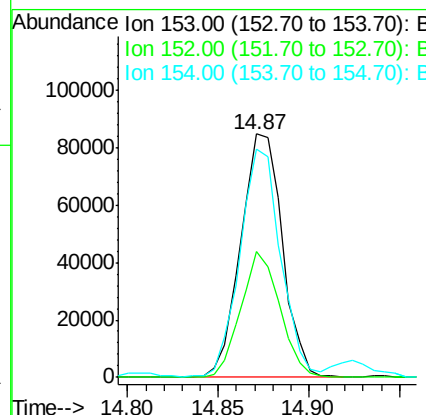
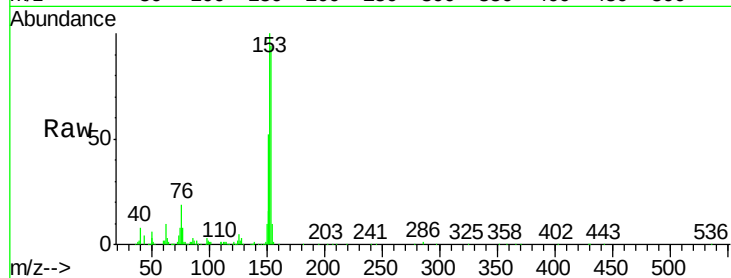
MDL-04-W

Tgt Ion:	153	Resp:	13511
Ion Ratio	Lower	Upper	
153	100		
152	51.6	37.3	55.9
154	93.6	68.2	102.2

Manual Integrations

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#50

2,4-Dinitrophenol

Concen: 2.78 ng/ul

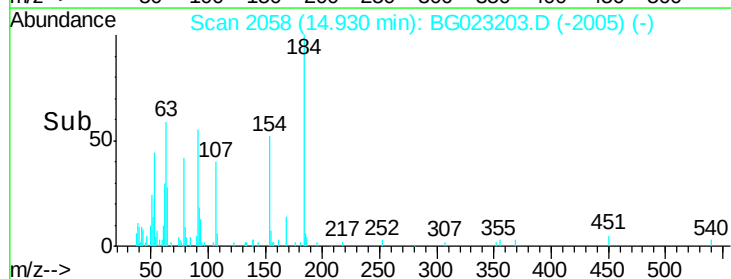
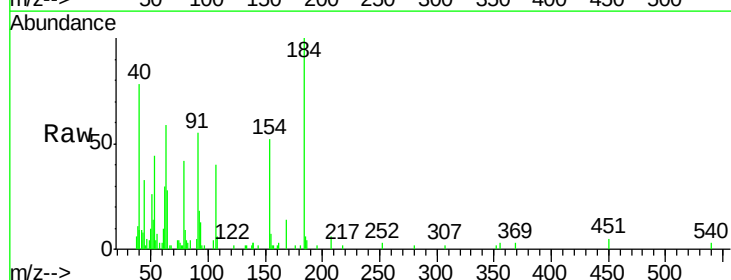
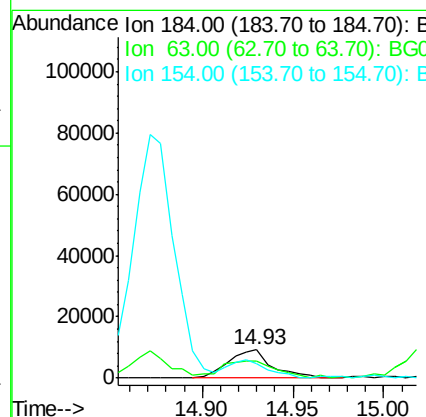
RT: 14.93 min Scan# 2058

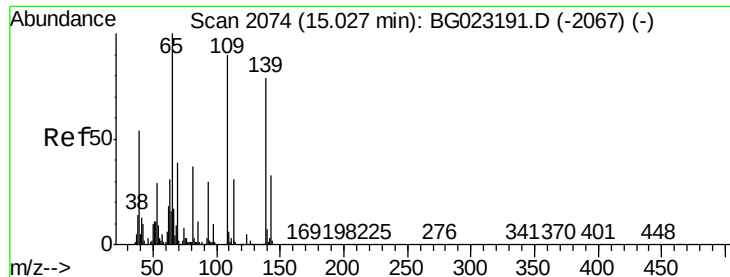
Delta R.T. 0.01 min

Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

Tgt Ion:	184	Resp:	15340
Ion Ratio	Lower	Upper	
184	100		
63	59.1	40.5	60.7
154	52.3	48.5	72.7





#52

4-Nitrophenol

Concen: 4.65 ng/ul

RT: 15.02 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

Instrument :

BNA_G

ClientSampleId :

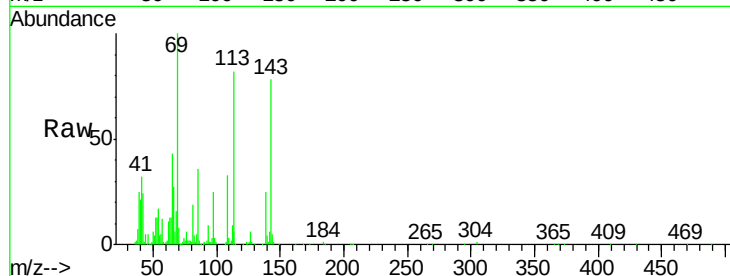
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
109	100		
139	76.5	136.1	204.1#
65	129.6	106.0	159.0

Manual Integrations

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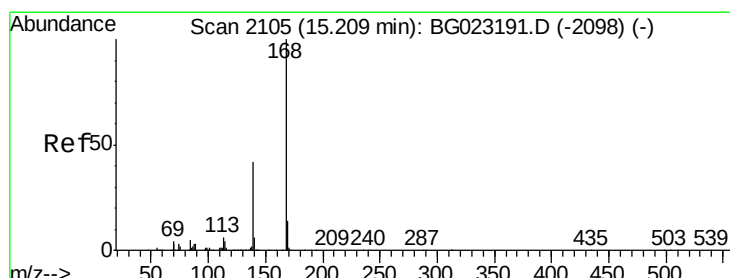
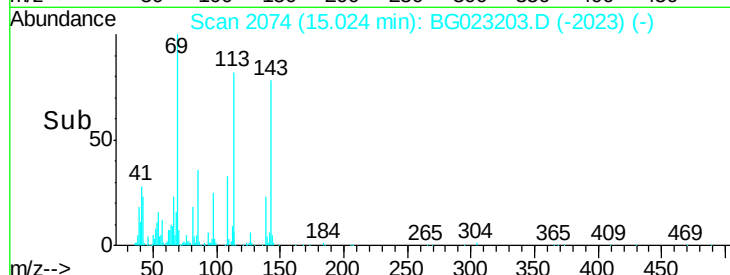
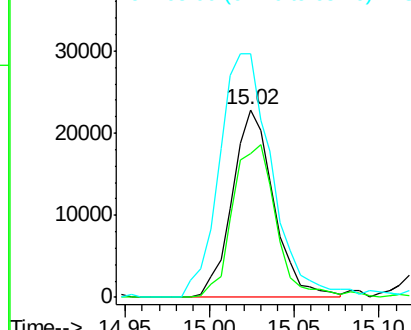
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Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#53

Dibenzofuran

Concen: 4.62 ng/ul m

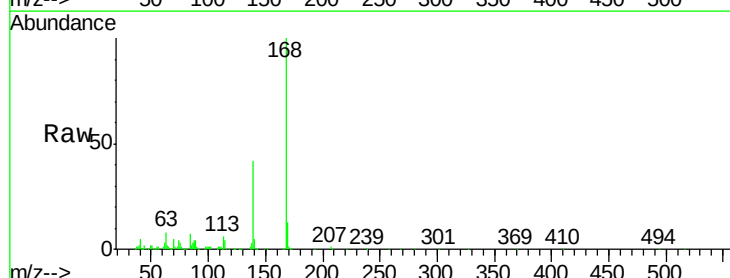
RT: 15.21 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BG023203.D

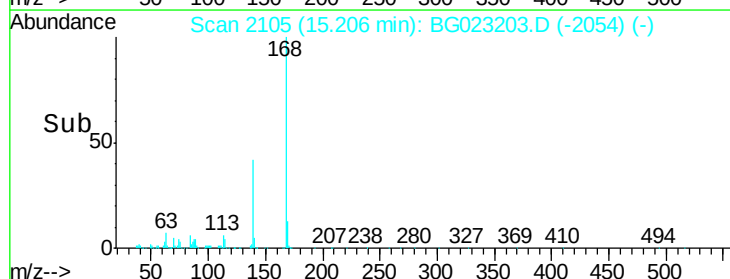
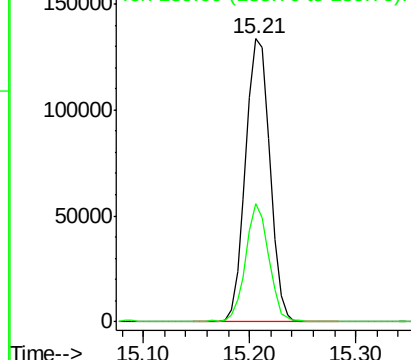
Acq: 21 Jul 2016 1:14

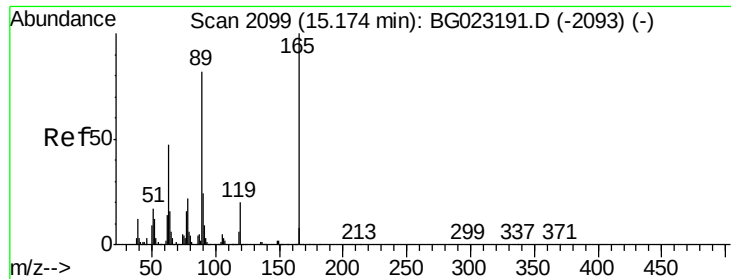
Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.7	27.4	41.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 4.16 ng/ul

RT: 15.17 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BG023203.D

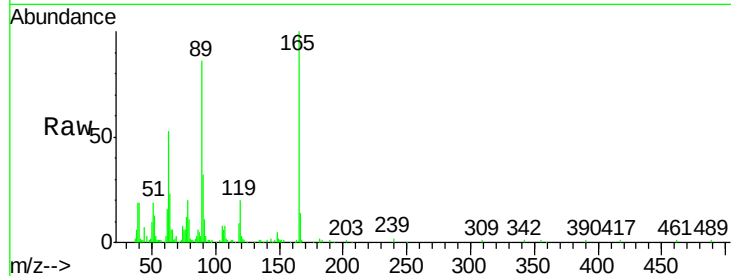
Acq: 21 Jul 2016 1:14

Instrument :

BNA_G

ClientSampleId :

MDL-04-W

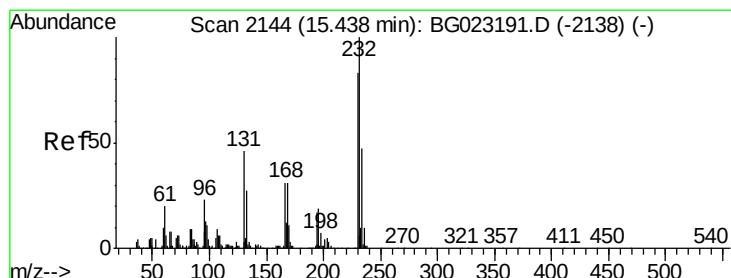
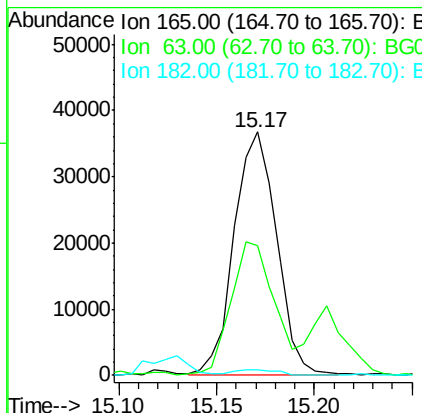
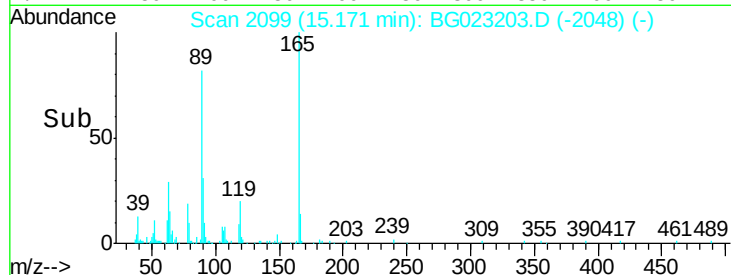


Tgt Ion:	165	Resp:	55660
Ion Ratio	Lower	Upper	
165	100		
63	53.2	25.7	38.5#
182	2.1	2.1	3.1#

Manual Integrations

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#55

2,3,4,6-Tetrachlorophenol

Concen: 4.12 ng/ul

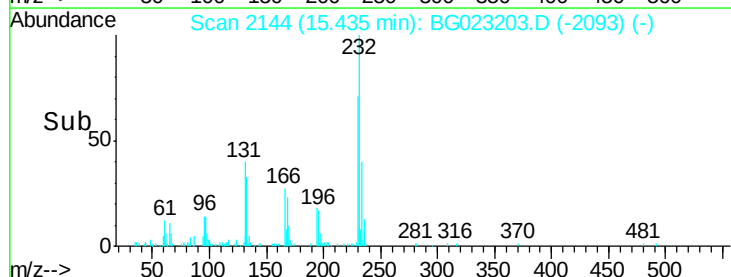
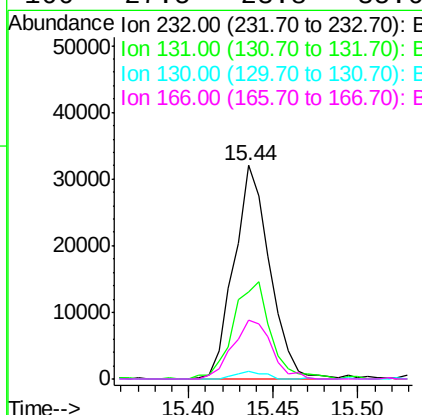
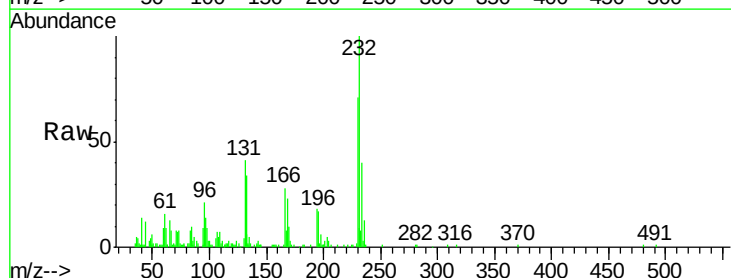
RT: 15.44 min Scan# 2144

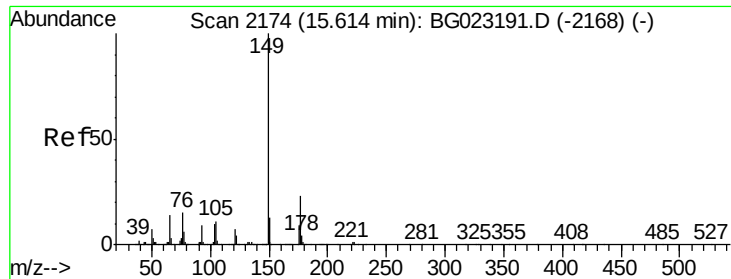
Delta R.T. -0.00 min

Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

Tgt Ion:	232	Resp:	47117
Ion Ratio	Lower	Upper	
232	100		
131	41.0	34.8	52.2
130	3.5	2.2	3.2#
166	27.5	23.8	35.6





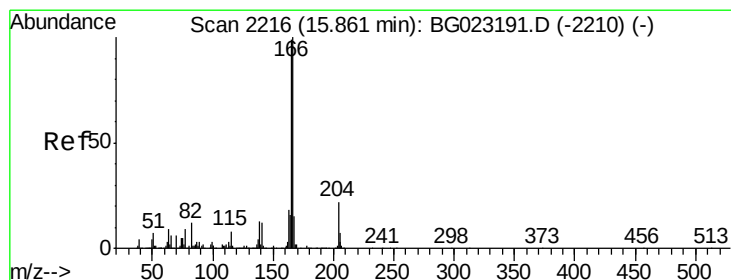
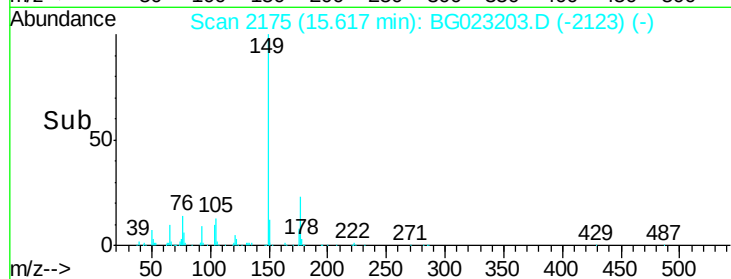
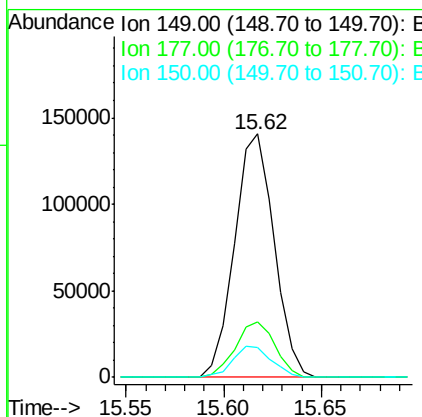
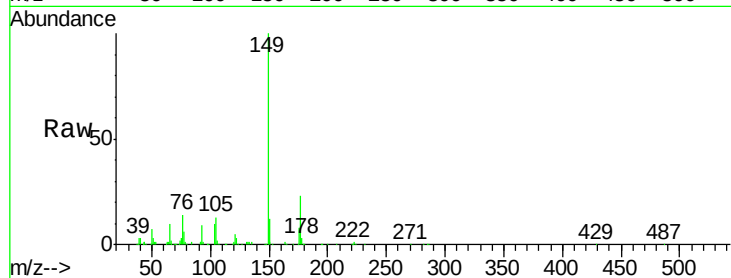
#56
Diethylphthalate
Concen: 4.57 ng/ul
RT: 15.62 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.4	26.2
150	12.2	9.6	14.4

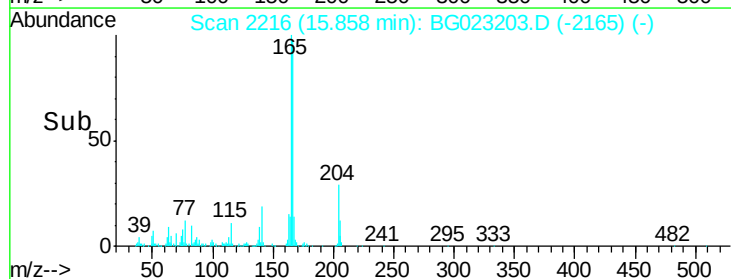
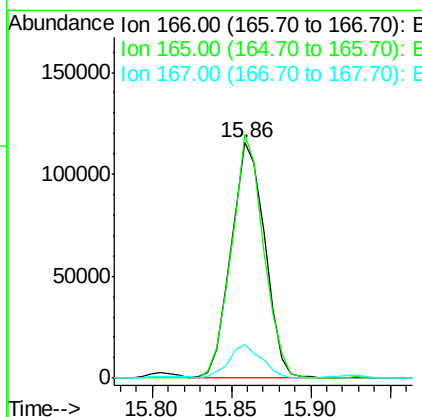
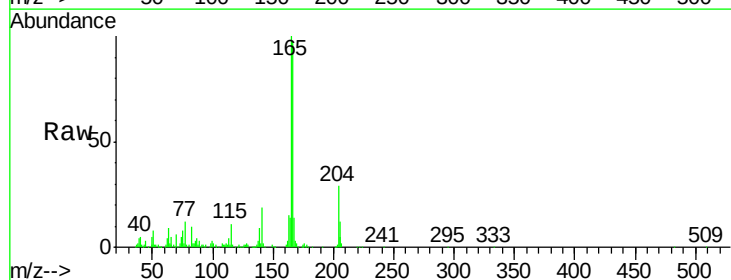
Manual Integrations

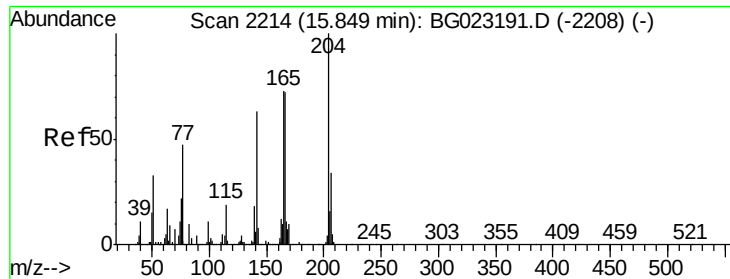
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#58
Fluorene
Concen: 4.51 ng/ul
RT: 15.86 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.4	80.3	120.5
167	14.1	10.3	15.5





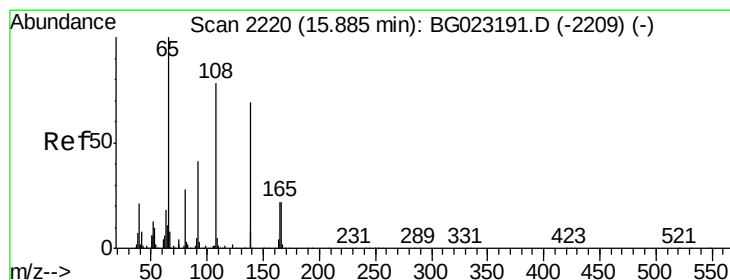
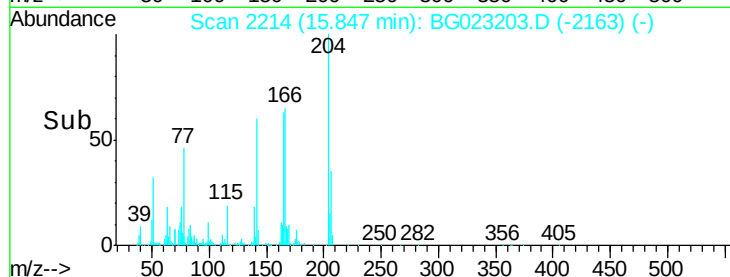
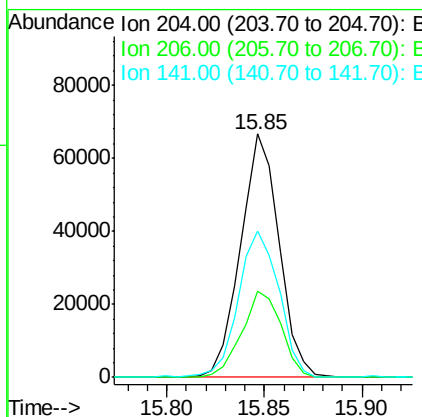
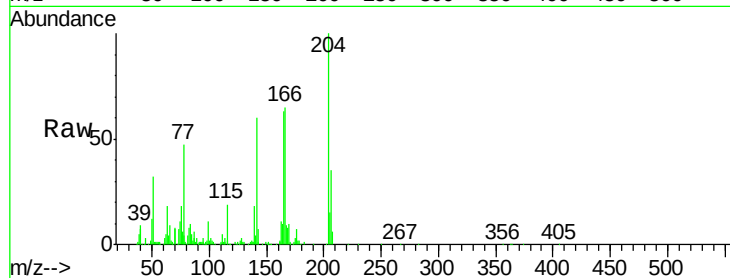
#59
 4-Chlorophenyl-phenylether
 Concen: 4.40 ng/ul
 RT: 15.85 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG023203.D
 Acq: 21 Jul 2016 1:14

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.5	27.4	41.2
141	60.2	47.1	70.7

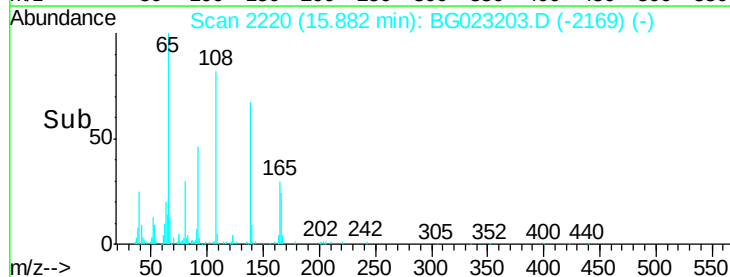
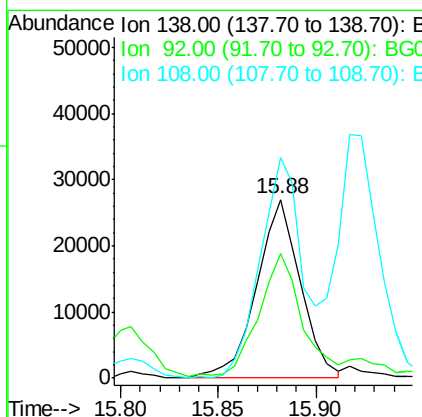
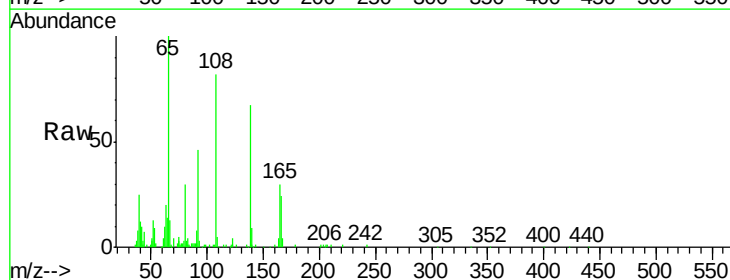
Manual Integrations

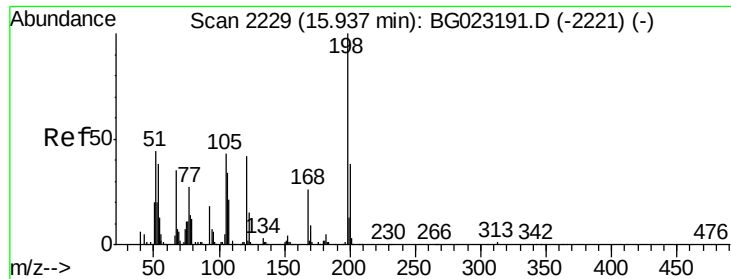
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#60
 4-Nitroaniline
 Concen: 4.53 ng/ul
 RT: 15.88 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG023203.D
 Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	69.8	39.0	58.4#
108	123.5	49.2	73.8#





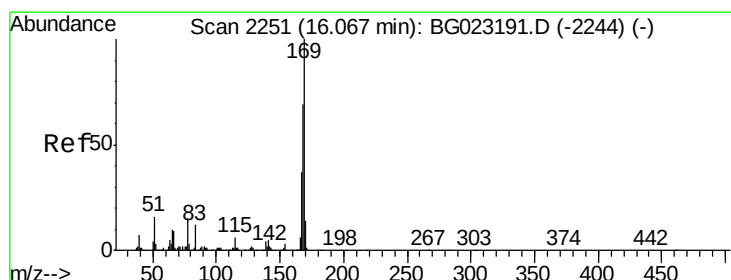
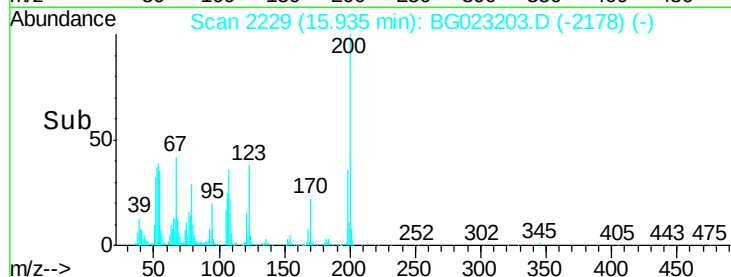
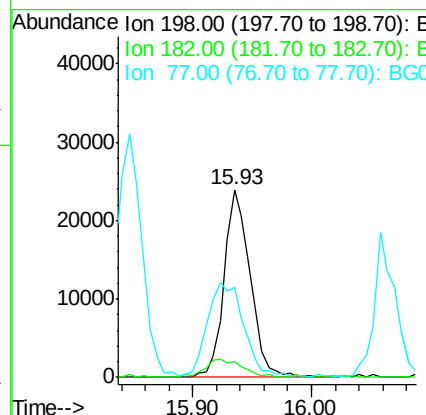
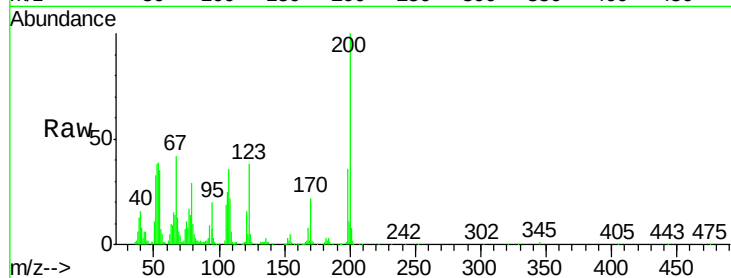
#63
 4,6-Dinitro-2-methylphenol
 Concen: 4.19 ng/ul m
 RT: 15.93 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG023203.D
 Acq: 21 Jul 2016 1:14

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Lower	Upper
198	100		
182	8.7	4.2	6.2#
77	48.1	16.7	25.1#

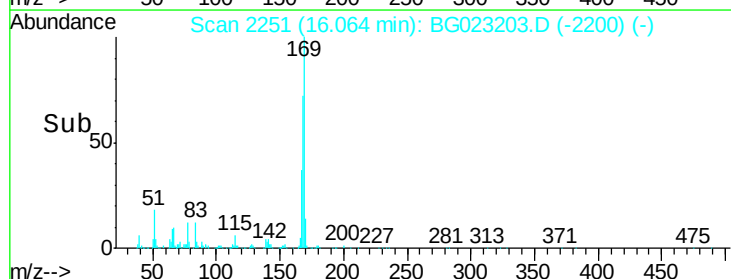
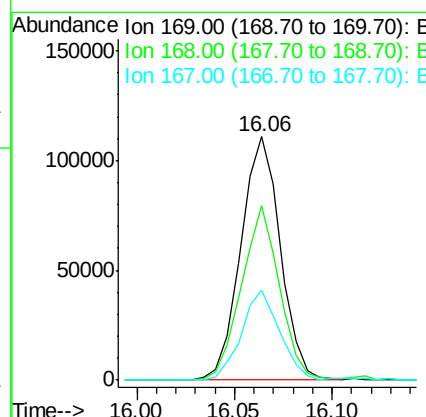
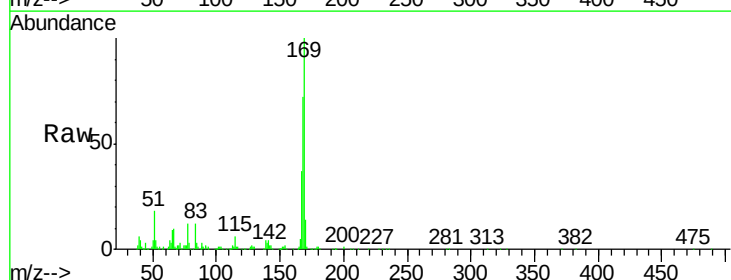
Manual Integrations

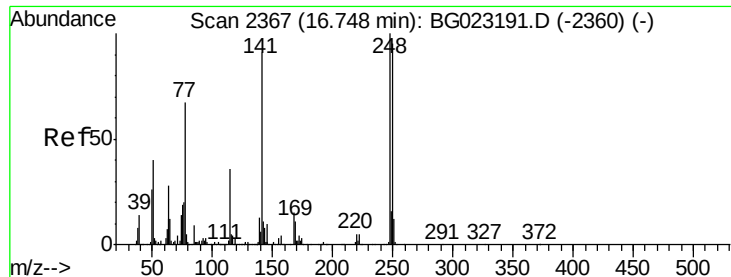
sohil
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#64
 N-Nitrosodiphenylamine
 Concen: 4.44 ng/ul
 RT: 16.06 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: BG023203.D
 Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.9	59.0	88.6
167	37.0	30.6	46.0





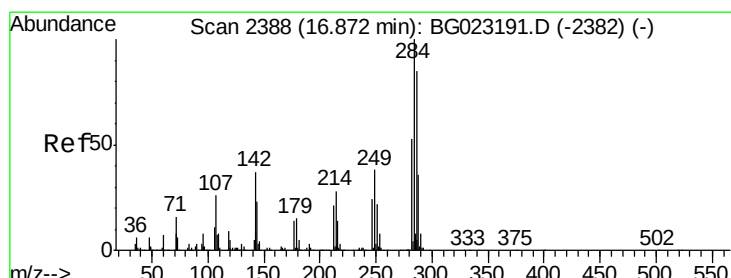
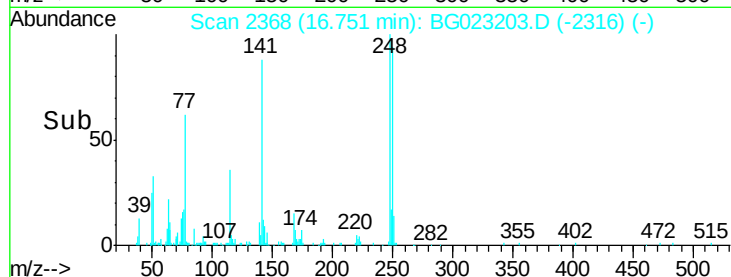
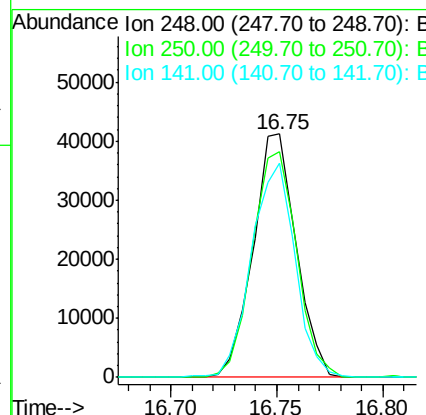
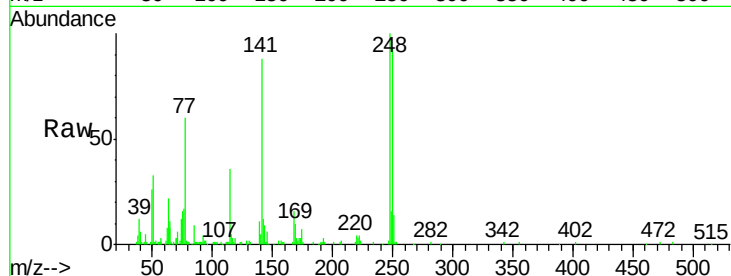
#65
4-Bromophenyl-phenylether
Concen: 4.21 ng/ul
RT: 16.75 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Instrument :
BNA_G
ClientSampled :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
248	100		
250	92.7	76.6	114.8
141	88.1	61.8	92.6

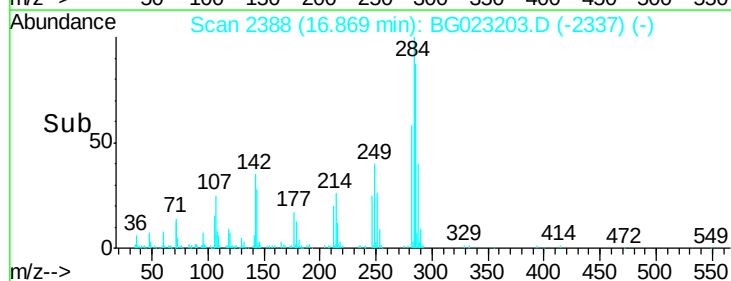
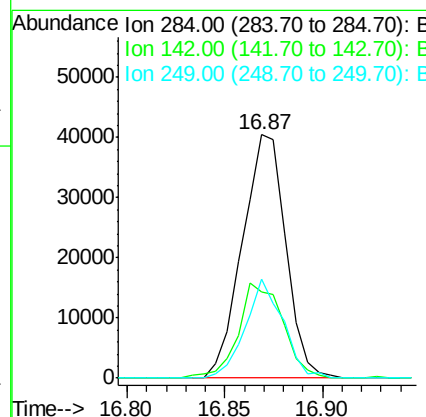
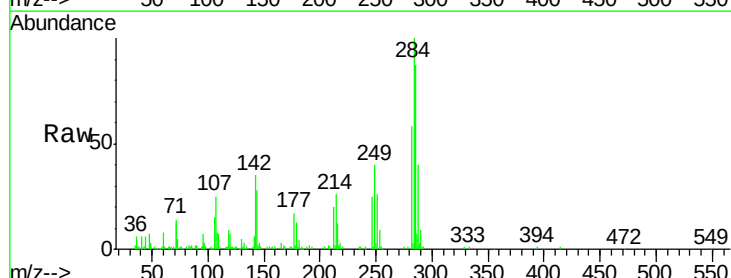
Manual Integrations

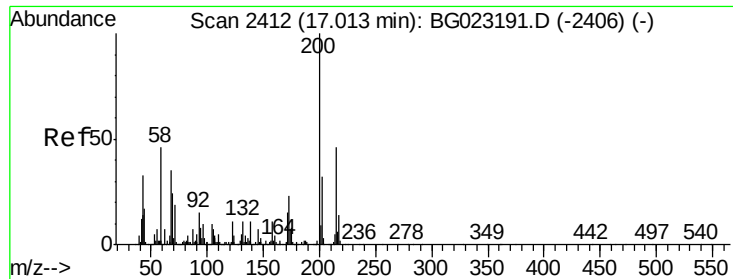
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#66
Hexachlorobenzene
Concen: 4.38 ng/ul
RT: 16.87 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	27.8	41.8
249	40.5	24.4	36.6





#67

Atrazine

Concen: 4.48 ng/ul

RT: 17.01 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

Instrument :

BNA_G

ClientSampled :

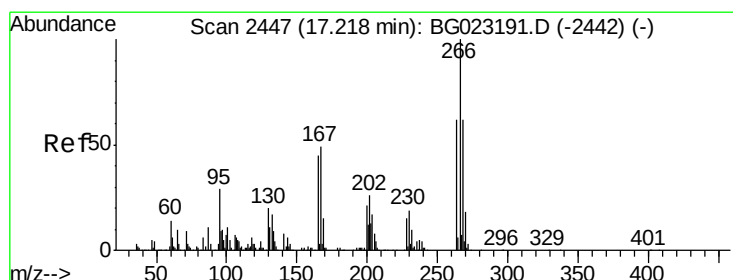
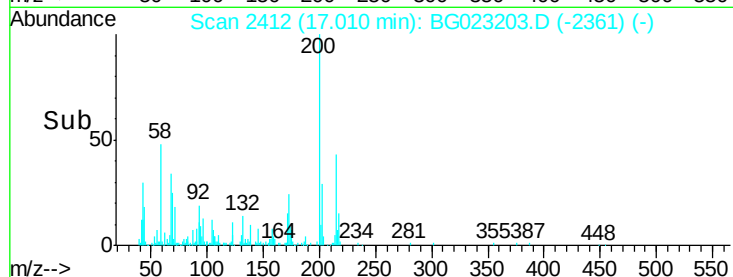
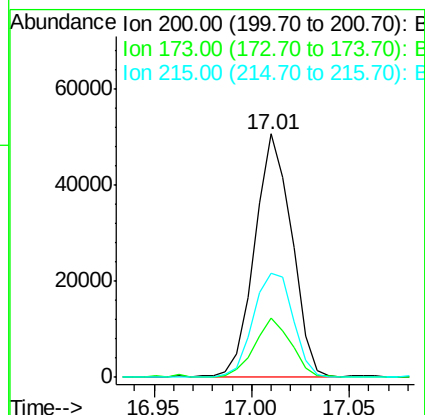
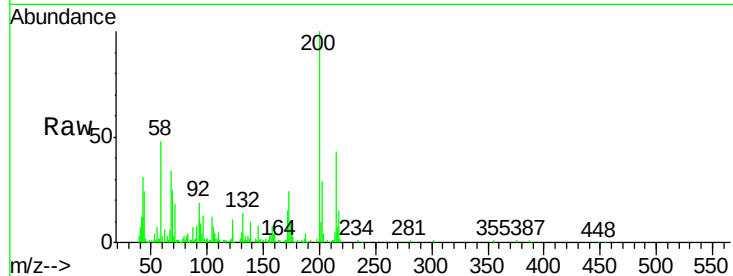
MDL-04-W

Tgt Ion:	200	Resp:	66804
Ion Ratio	Lower	Upper	
200	100		
173	24.2	21.0	31.6
215	42.6	37.9	56.9

Manual Integrations

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#68

Pentachlorophenol

Concen: 3.44 ng/ul m

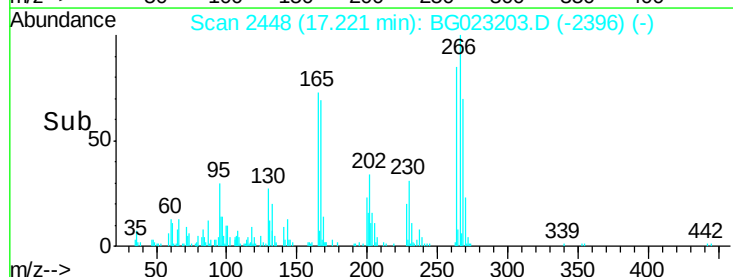
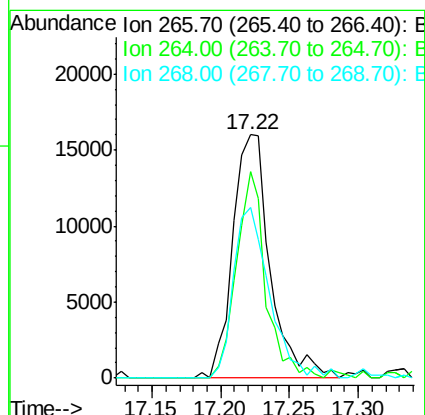
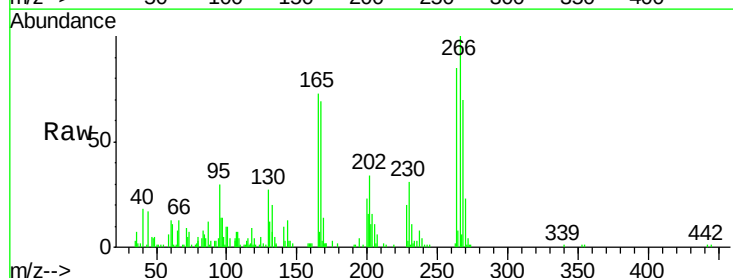
RT: 17.22 min Scan# 2448

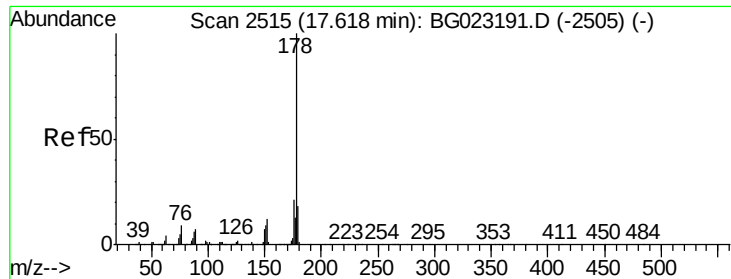
Delta R.T. 0.00 min

Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

Tgt Ion:	266	Resp:	30404
Ion Ratio	Lower	Upper	
266	100		
264	84.6	54.7	82.1#
268	70.3	57.8	86.8





#69

Phenanthrene

Concen: 4.79 ng/ul m

RT: 17.62 min Scan# 2515

Delta R.T. -0.00 min

Lab File: BG023203.D

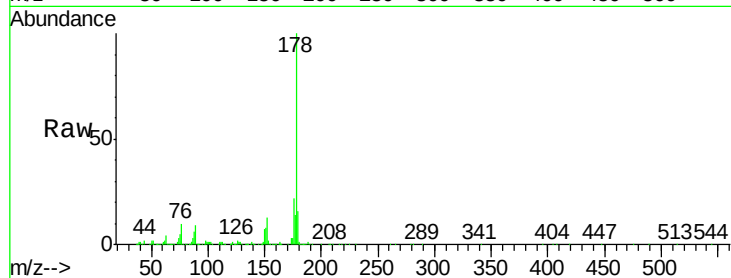
Acq: 21 Jul 2016 1:14

Instrument :

BNA_G

ClientSampled :

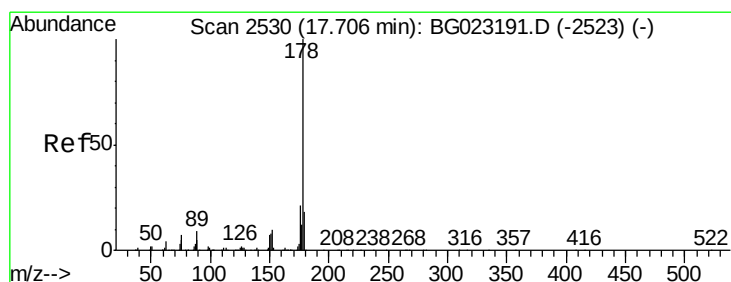
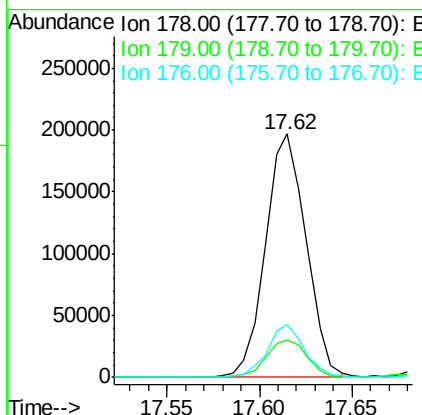
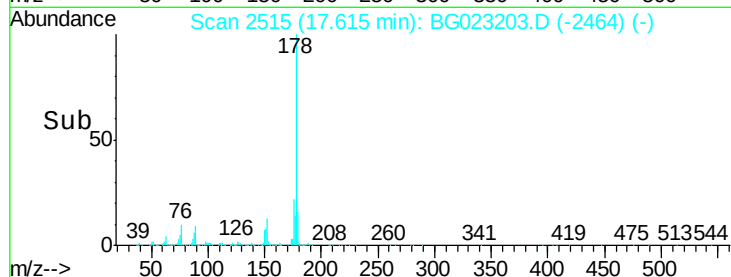
MDL-04-W



Tgt Ion:	178	Resp:	298747
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.9	19.3
176	21.7	15.8	23.8

Manual Integrations

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#71

Anthracene

Concen: 4.95 ng/ul

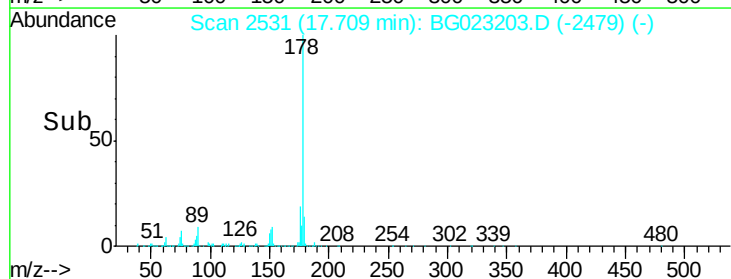
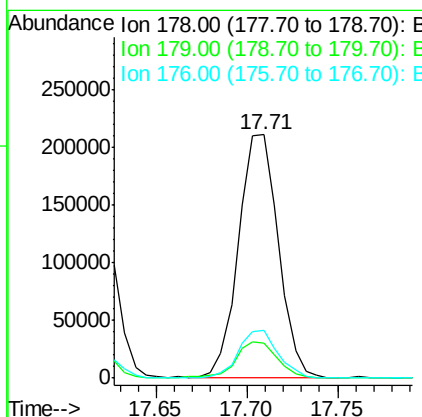
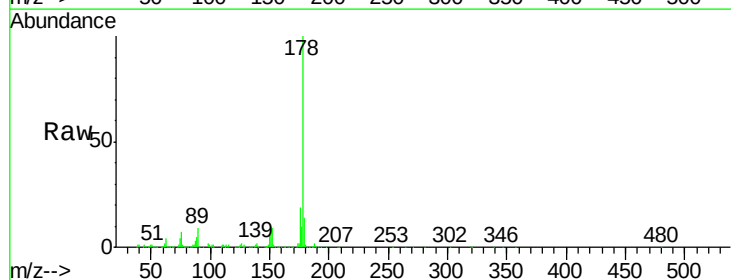
RT: 17.71 min Scan# 2531

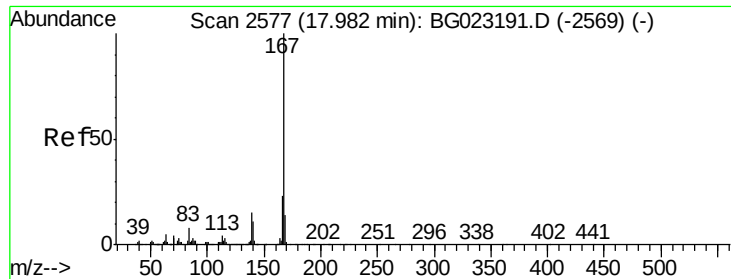
Delta R.T. 0.00 min

Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

Tgt Ion:	178	Resp:	323405
Ion Ratio	Lower	Upper	
178	100		
179	14.3	12.3	18.5
176	19.4	16.3	24.5





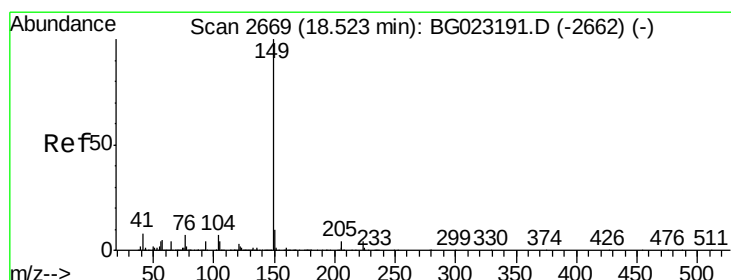
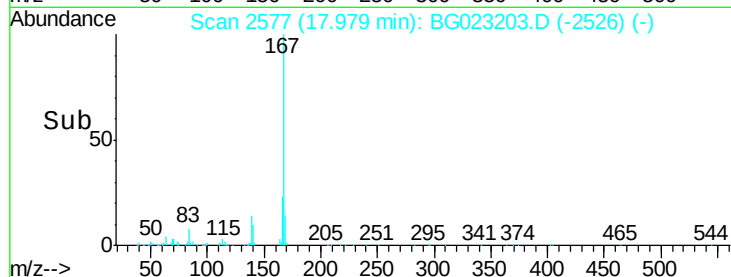
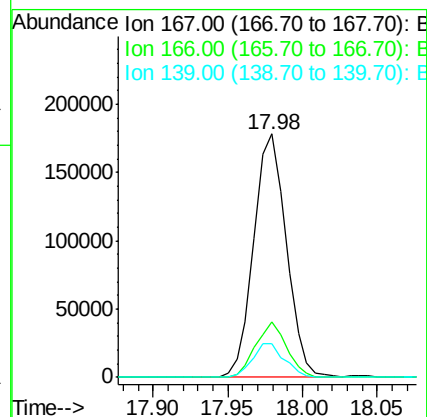
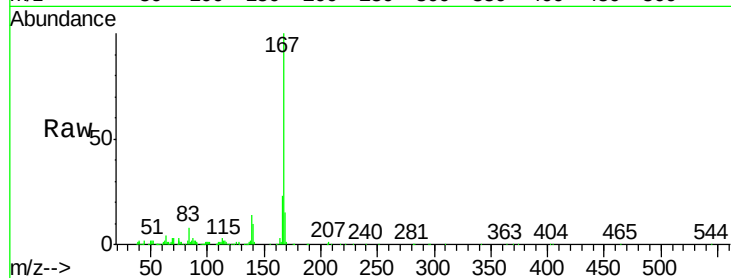
#72
 Carbazole
 Concen: 5.24 ng/ul
 RT: 17.98 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG023203.D
 Acq: 21 Jul 2016 1:14

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.2	28.8
139	13.9	10.2	15.4

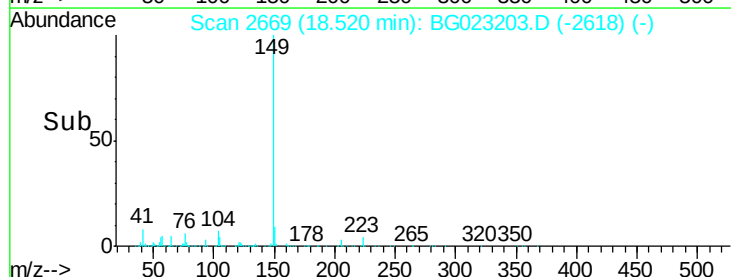
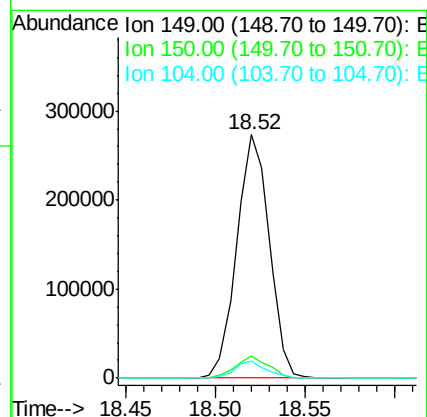
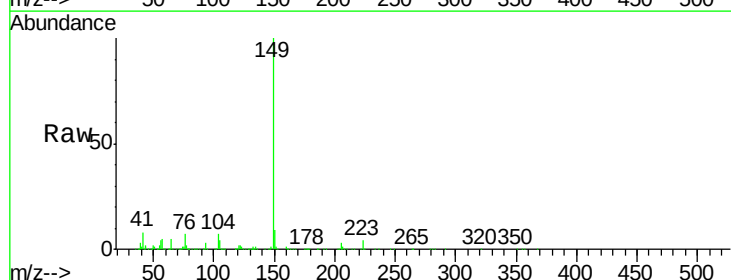
Manual Integrations

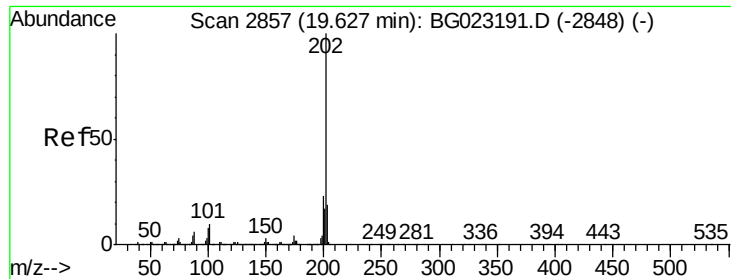
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#73
 Di-n-butylphthalate
 Concen: 4.84 ng/ul m
 RT: 18.52 min Scan# 2669
 Delta R.T. -0.00 min
 Lab File: BG023203.D
 Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.1	10.7
104	6.8	3.3	4.9





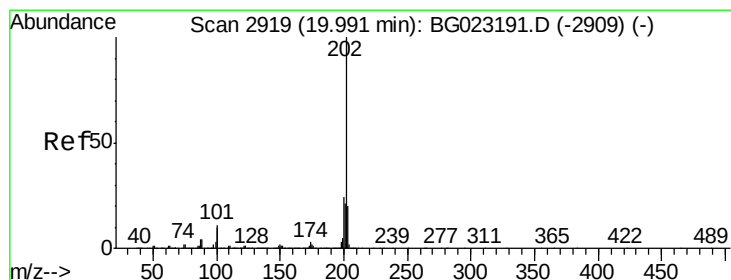
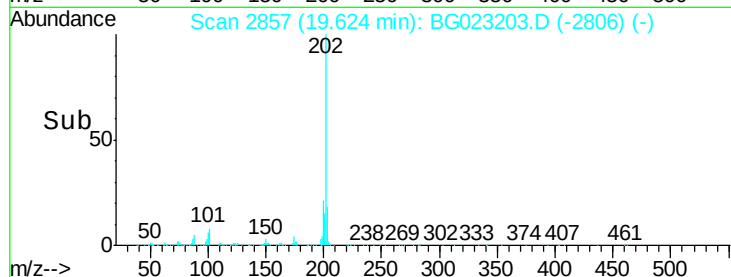
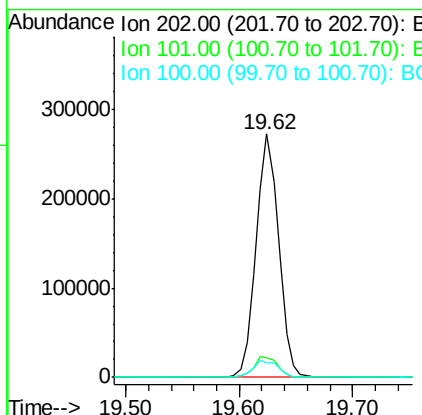
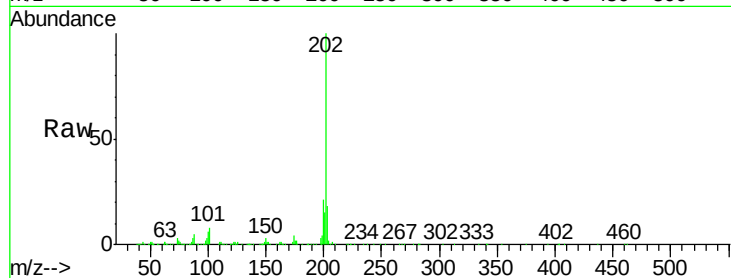
#74
Fluoranthene
Concen: 5.75 ng/ul m
RT: 19.62 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		376257		
101	8.2	10.6	16.0#		
100	6.2	8.7	13.1#		

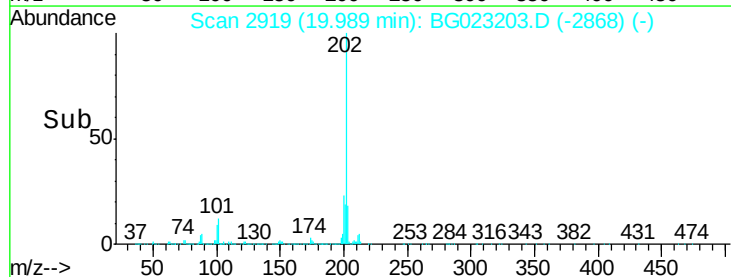
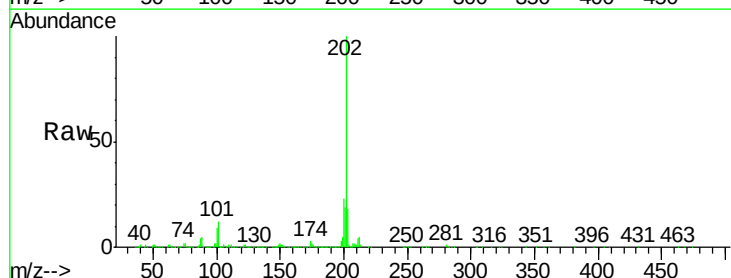
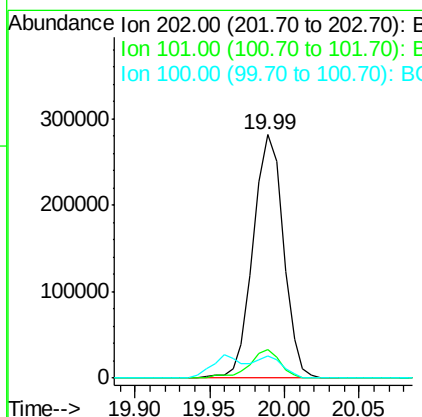
Manual Integrations

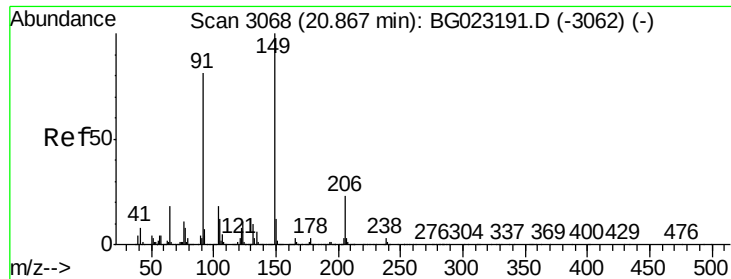
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#77
Pyrene
Concen: 4.93 ng/ul
RT: 19.99 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		396413		
101	11.9	12.5	18.7#		
100	9.2	10.2	15.4#		





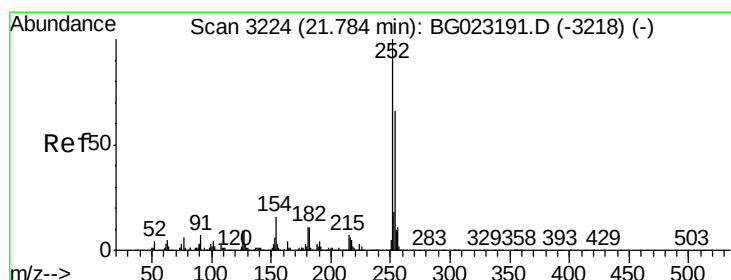
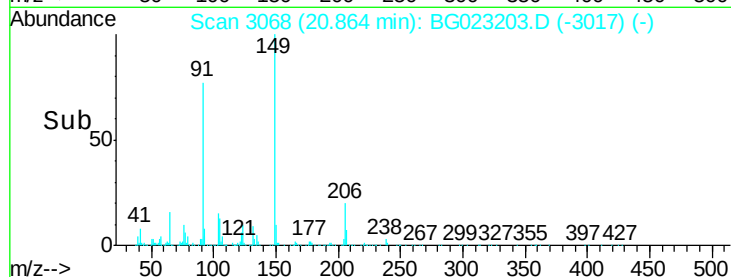
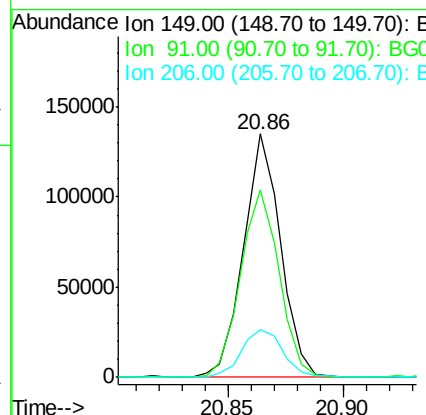
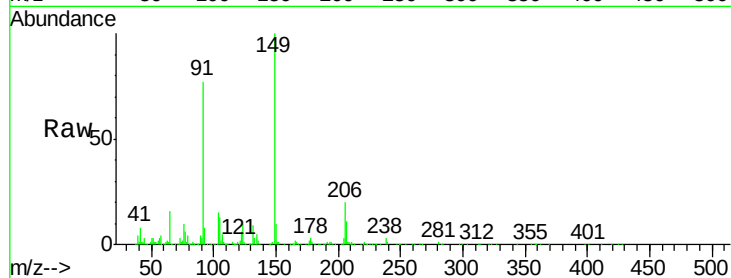
#78
Butylbenzylphthalate
Concen: 4.34 ng/ul
RT: 20.86 min Scan# 3068
Delta R.T. -0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.2	54.2	81.4
206	19.5	14.1	21.1

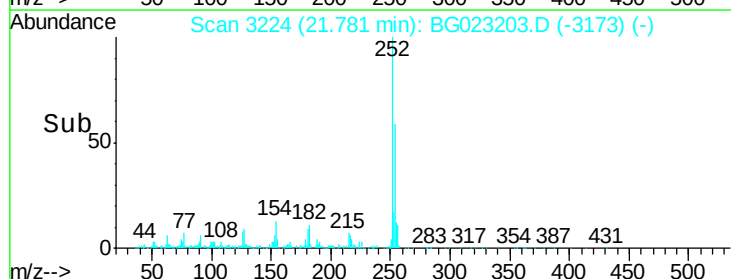
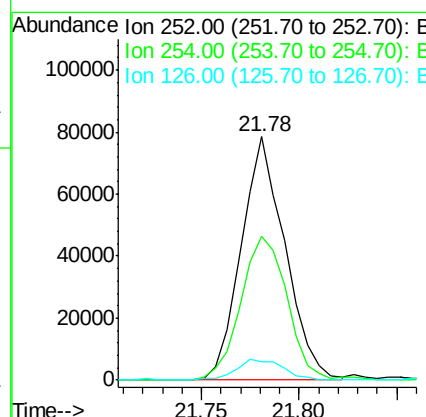
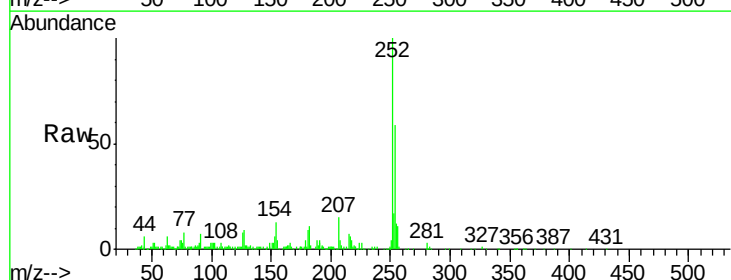
Manual Integrations

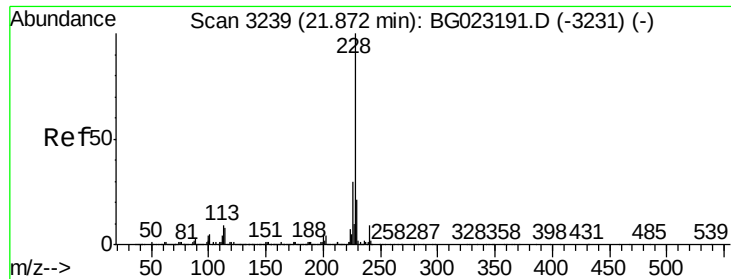
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#79
3,3'-Dichlorobenzidine
Concen: 4.64 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
252	100		
254	58.9	51.4	77.2
126	7.7	10.7	16.1





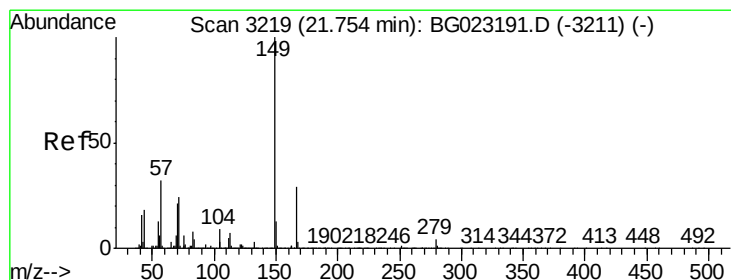
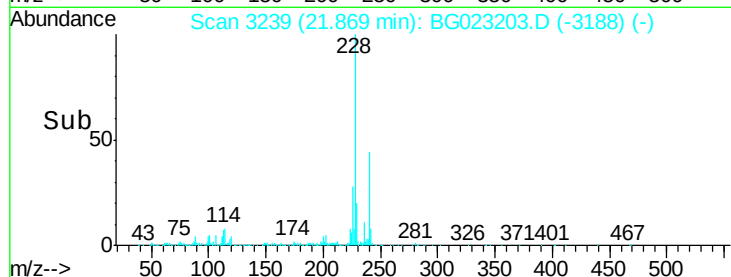
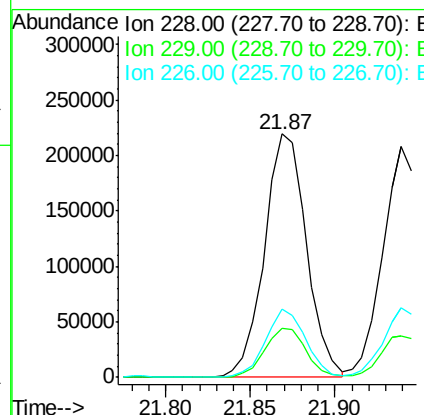
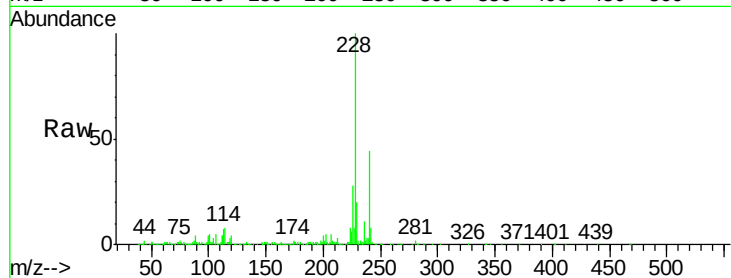
#80
Benzo(a)anthracene
Concen: 4.83 ng/ul
RT: 21.87 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Instrument :
BNA_G
ClientSampled :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.2
226	28.3	22.8	34.2

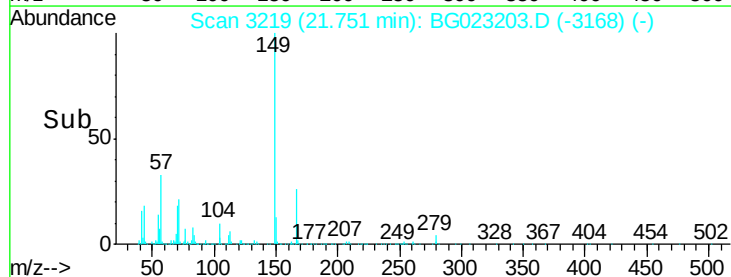
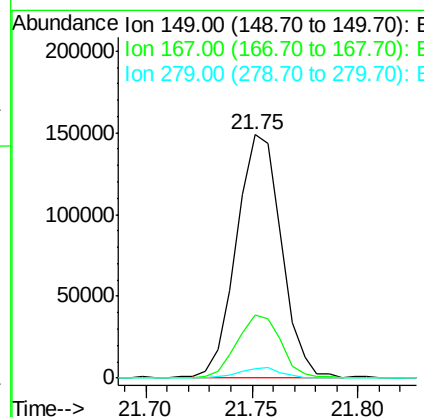
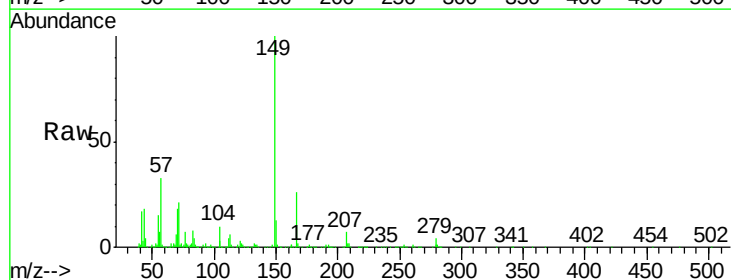
Manual Integrations

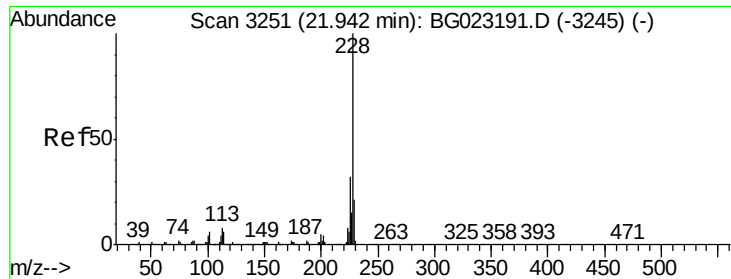
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#81
Bis(2-ethylhexyl)phthalate
Concen: 4.60 ng/ul
RT: 21.75 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.9	32.9
279	4.1	2.9	4.3





#82

Chrysene

Concen: 4.86 ng/ul

RT: 21.94 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

Instrument :

BNA_G

ClientSampled :

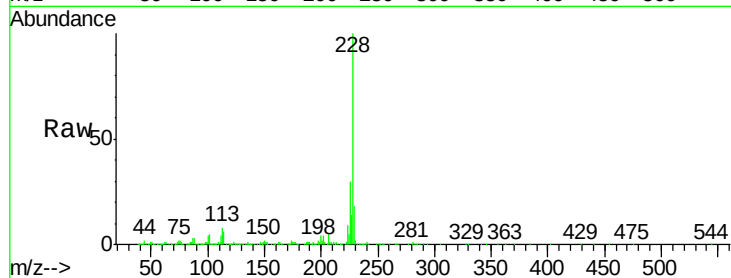
MDL-04-W

Tgt Ion:	228	Resp:	345632
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.2	36.4
229	18.2	15.0	22.6

Manual Integrations

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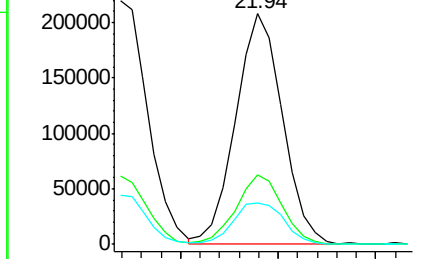
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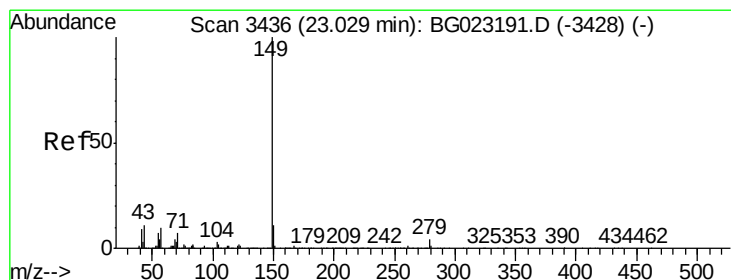
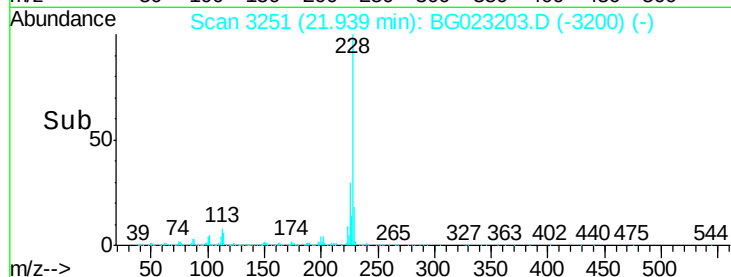
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 5.19 ng/ul

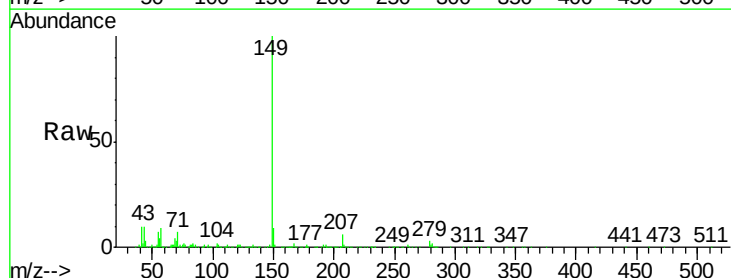
RT: 23.03 min Scan# 3436

Delta R.T. -0.00 min

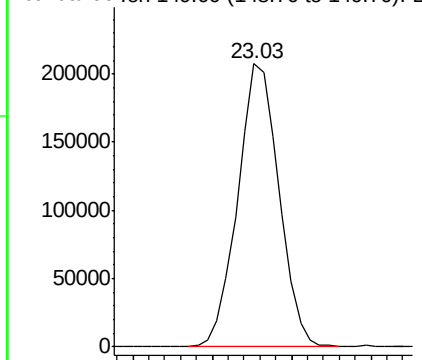
Lab File: BG023203.D

Acq: 21 Jul 2016 1:14

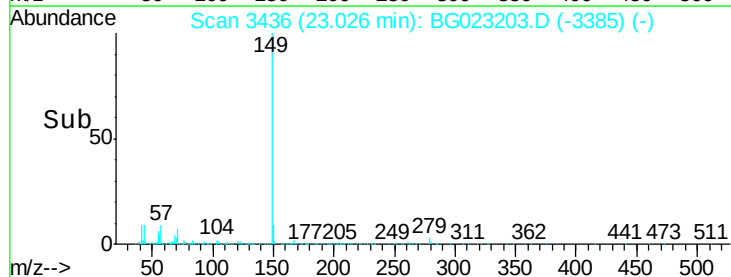
Tgt Ion:149 Resp: 372419

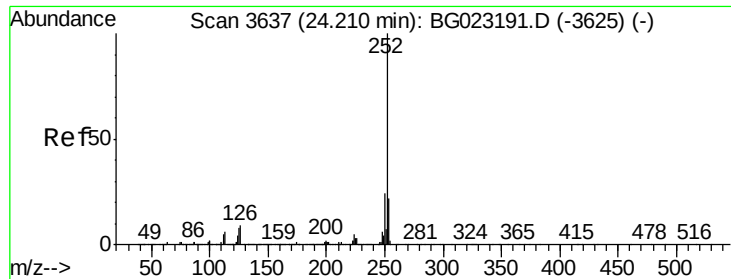


Abundance Ion 149.00 (148.70 to 149.70): E



Time-->





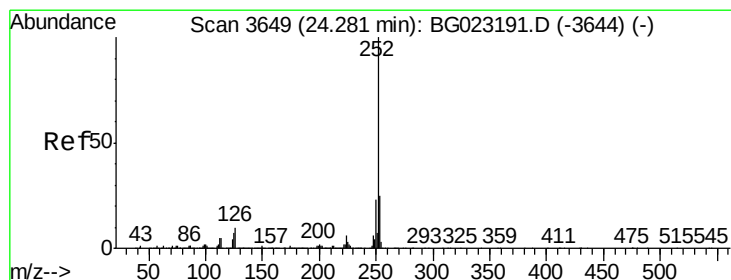
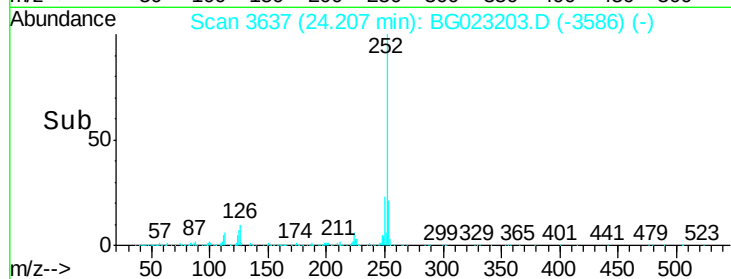
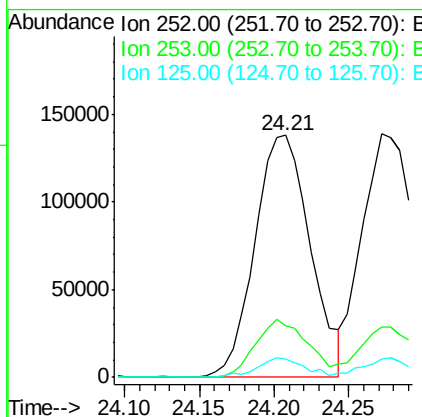
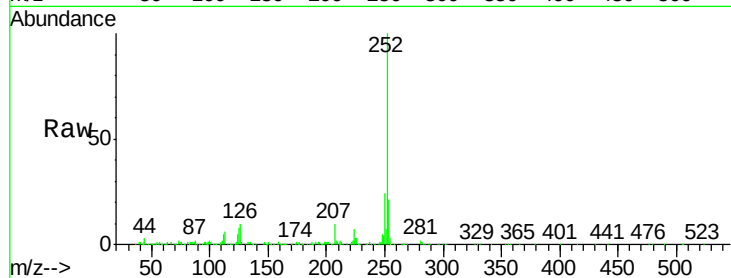
#85
Benzo(b)fluoranthene
Concen: 4.52 ng/ul
RT: 24.21 min Scan# 3637
Delta R.T. -0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	7.7	10.8	16.2

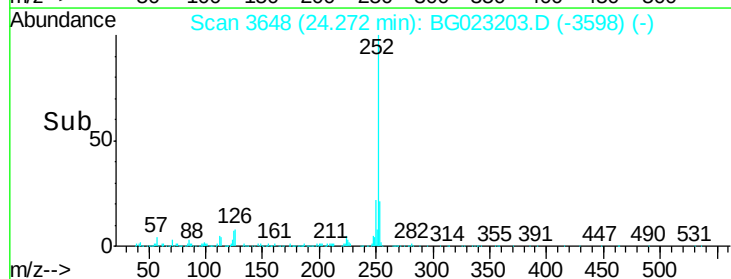
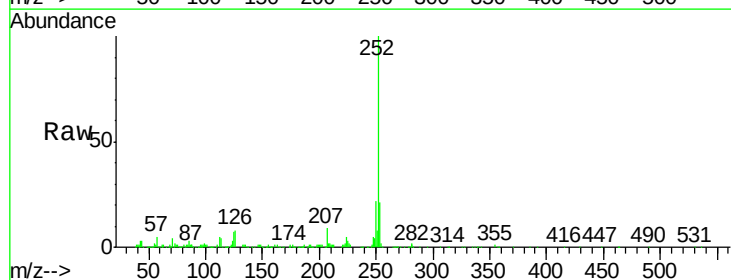
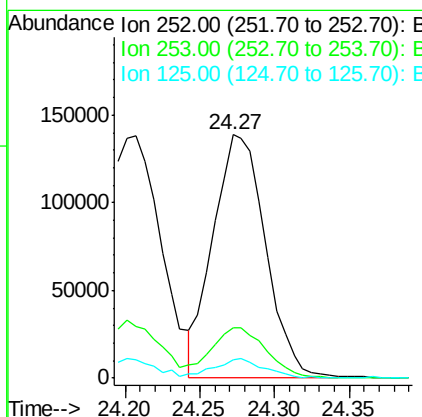
Manual Integrations

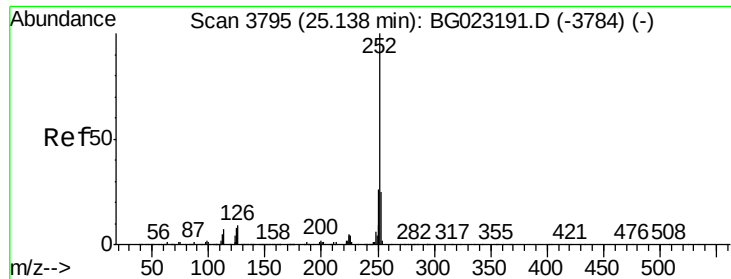
sohil
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#86
Benzo(k)fluoranthene
Concen: 4.56 ng/ul
RT: 24.27 min Scan# 3648
Delta R.T. -0.01 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.5	15.8	23.6
125	7.4	10.6	16.0





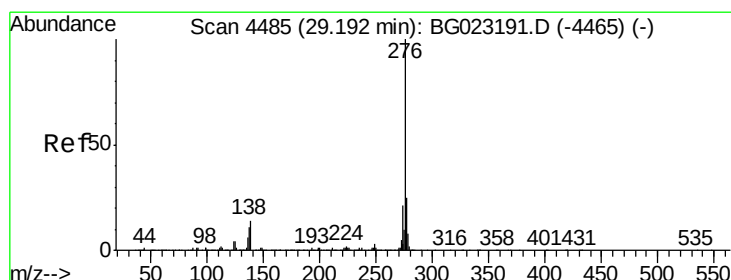
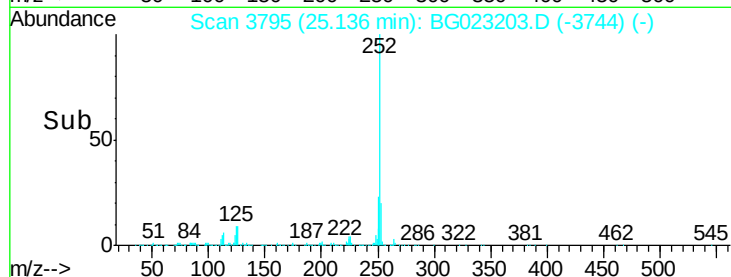
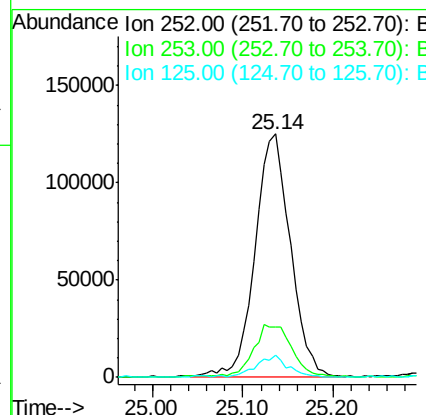
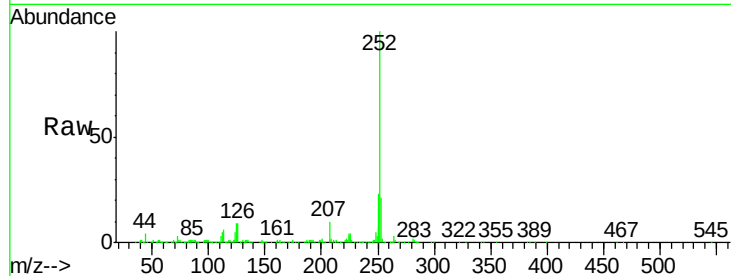
#88
Benzo(a)pyrene
Concen: 4.55 ng/ul m
RT: 25.14 min Scan# 3795
Delta R.T. -0.00 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	19.0	28.4
125	9.3	12.0	18.0#

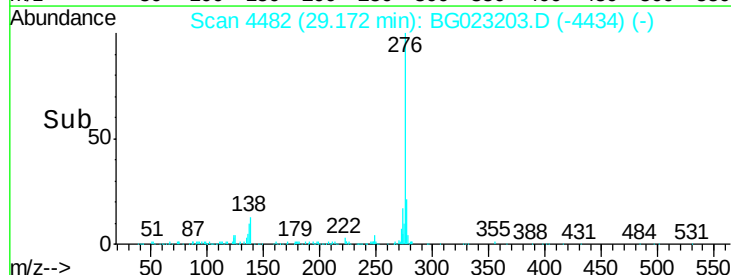
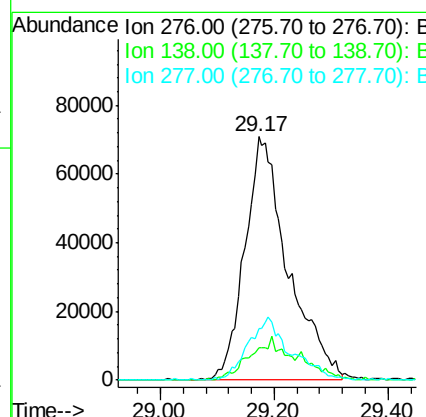
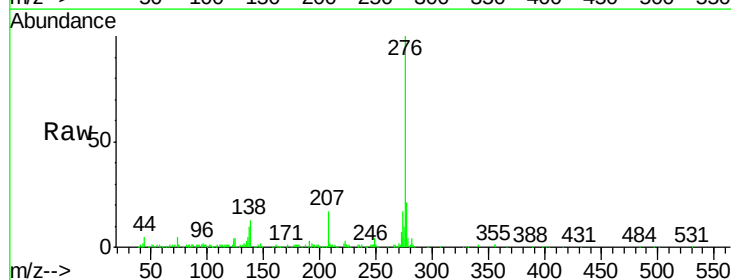
Manual Integrations

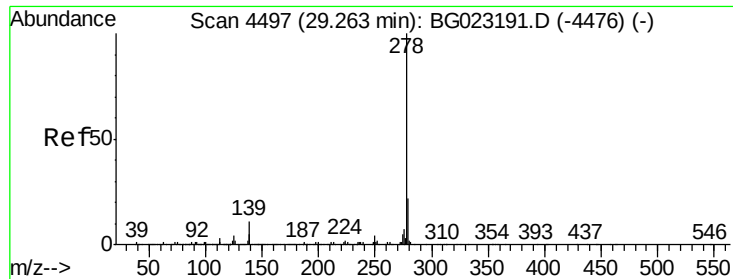
sohil
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#89
Indeno(1,2,3-cd)pyrene
Concen: 4.41 ng/ul m
RT: 29.17 min Scan# 4482
Delta R.T. -0.02 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.2	20.8	31.2#
277	21.1	17.6	26.4





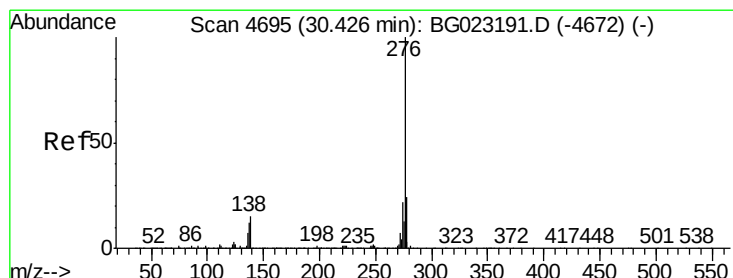
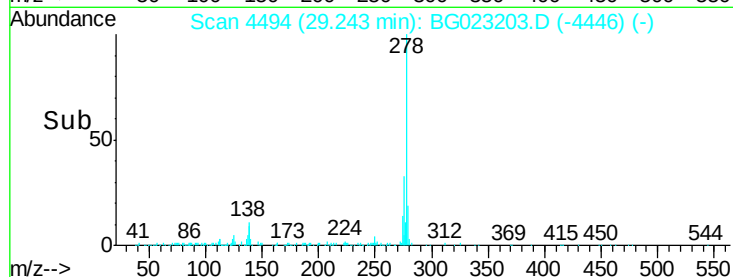
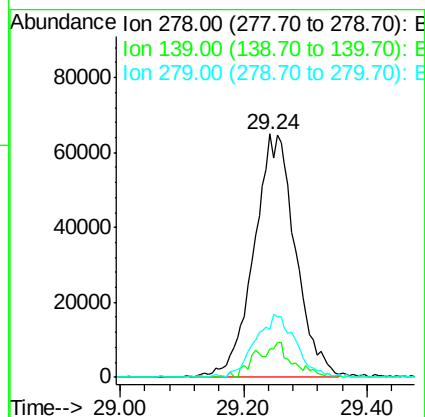
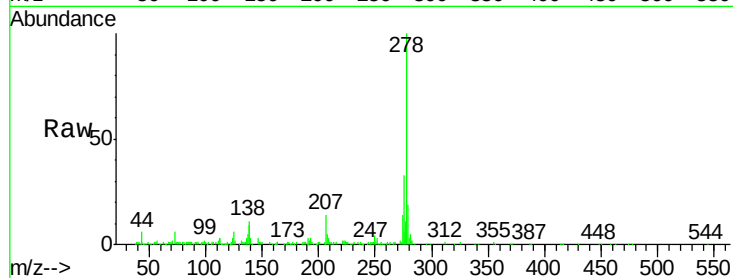
#90
Dibenzo(a,h)anthracene
Concen: 4.35 ng/ul m
RT: 29.24 min Scan# 4494
Delta R.T. -0.02 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.2	16.3	24.5#
279	19.5	19.1	28.7

Manual Integrations

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#91
Benzo(g,h,i)perylene
Concen: 4.33 ng/ul m
RT: 30.39 min Scan# 4690
Delta R.T. -0.03 min
Lab File: BG023203.D
Acq: 21 Jul 2016 1:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.5	22.1	33.1#
277	22.4	17.0	25.4

