

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072516\
 Data File : BG023260.D
 Acq On : 25 Jul 2016 20:39
 Operator : UM/SJ
 Sample : MDL-03-S-ML
 Misc : MDL 4PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S-ML

Manual Integrations

APPROVED
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 7/26/2016 11:41:03 AM

Quant Time: Jul 26 10:31:24 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	147421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	708070	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	495254	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1161217	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1197141	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1158185	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	10221	3.14	ng/uL	0.00
5) Phenol-d5	7.29	99	523592	34.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	374310	37.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	361524	35.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	408113	34.51	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	213321	37.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	233664	35.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	396527	31.89	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	559762	43.48	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1457480	35.40	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1713521	36.61	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	228463	31.44	ng/ul	0.00
57) Fluorene-d10	15.81	176	1346548	36.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	268987m	33.67	ng/ul	0.00
70) Anthracene-d10	17.67	188	1971487	36.27	ng/ul	0.00
76) Pyrene-d10	19.96	212	2177228	35.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	2056508	37.82	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.53	88	3674m	1.05	ng/uL
4) Benzaldehyde	7.27	77	39581	4.19	ng/ul# 80
6) Phenol	7.32	94	49117	3.11	ng/ul# 71
8) Bis(2-Chloroethyl)ether	7.54	93	43375	3.65	ng/ul# 87
10) 2-Chlorophenol	7.70	128	32263	3.08	ng/ul# 74
11) 2-Methylphenol	8.58	108	36397	3.12	ng/ul# 80
12) 2,2'-oxybis(1-Chloropropan	8.67	45	59490	3.70	ng/ul 96
14) Acetophenone	8.97	105	67731	3.29	ng/ul# 83
15) N-Nitroso-di-n-propylamine	8.95	70	42671	3.14	ng/ul# 93
16) 4-Methylphenol	8.91	108	38625	2.97	ng/ul 100
17) Hexachloroethane	9.23	117	16556	3.33	ng/ul# 89
20) Nitrobenzene	9.36	77	57210	3.13	ng/ul# 80
21) Isophorone	9.88	82	104899	3.01	ng/ul# 88
23) 2-Nitrophenol	10.08	139	23332	3.31	ng/ul# 58
24) 2,4-Dimethylphenol	10.14	107	49420	3.05	ng/ul# 78
25) Bis(2-Chloroethoxy)methane	10.37	93	62540	3.24	ng/ul# 90
27) 2,4-Dichlorophenol	10.62	162	40035	3.25	ng/ul 96
28) Naphthalene	11.02	128	125233	3.52	ng/ul# 95
30) 4-Chloroaniline	11.13	127	52249	3.93	ng/ul 93
31) Hexachlorobutadiene	11.30	225	31339	3.17	ng/ul 90
32) Caprolactam	11.92	113	13606m	2.67	ng/ul
33) 4-Chloro-3-methylphenol	12.26	107	43451	2.69	ng/ul# 78
34) 2-Methylnaphthalene	12.63	142	99980	3.39	ng/ul 93

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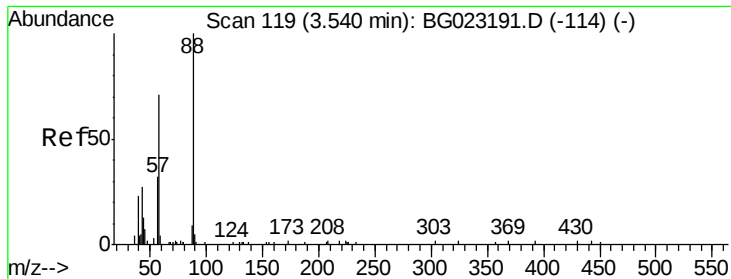
Manual Integrations

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 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	56240	3.40	ng/ul	98
37) Hexachlorocyclopentadiene	12.97	237	25368	2.36	ng/ul#	92
38) 2,4,6-Trichlorophenol	13.24	196	32539	2.84	ng/ul	97
39) 2,4,5-Trichlorophenol	13.31	196	33407	2.86	ng/ul	97
40) 1,1'-Biphenyl	13.64	154	137183	3.69	ng/ul#	98
41) 2-Chloronaphthalene	13.68	162	105487	3.52	ng/ul	98
42) 2-Nitroaniline	13.89	65	40132	3.01	ng/ul#	55
44) Dimethylphthalate	14.25	163	142399	3.41	ng/ul	98
45) 2,6-Dinitrotoluene	14.38	165	27409	3.03	ng/ul#	86
47) Acenaphthylene	14.54	152	169589	3.58	ng/ul	99
48) 3-Nitroaniline	14.72	138	26533	3.43	ng/ul#	60
49) Acenaphthene	14.87	153	110773	3.46	ng/ul	98
50) 2,4-Dinitrophenol	14.92	184	7372	1.30	ng/ul#	72
52) 4-Nitrophenol	15.02	109	22439	2.59	ng/ul#	58
53) Dibenzofuran	15.21	168	167785	3.55	ng/ul	89
54) 2,4-Dinitrotoluene	15.17	165	42014	3.05	ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.44	232	28925	2.45	ng/ul	92
56) Diethylphthalate	15.62	149	149358	3.37	ng/ul	98
58) Fluorene	15.86	166	140632	3.61	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.85	204	70983	3.32	ng/ul	95
60) 4-Nitroaniline	15.88	138	31609	3.33	ng/ul#	65
63) 4,6-Dinitro-2-methylphenol	15.93	198	27457	3.25	ng/ul#	44
64) N-Nitrosodiphenylamine	16.06	169	117607	3.51	ng/ul	92
65) 4-Bromophenyl-phenylether	16.75	248	43283	3.24	ng/ul	97
66) Hexachlorobenzene	16.87	284	46401	3.39	ng/ul	93
67) Atrazine	17.02	200	41752	2.92	ng/ul	94
68) Pentachlorophenol	17.22	266	17491	2.06	ng/ul	94
69) Phenanthrene	17.61	178	222953	3.73	ng/ul	97
71) Anthracene	17.71	178	241070	3.85	ng/ul	99
72) Carbazole	17.98	167	189859	3.85	ng/ul	95
73) Di-n-butylphthalate	18.52	149	241793	3.54	ng/ul#	96
74) Fluoranthene	19.62	202	271963	4.33	ng/ul#	89
77) Pyrene	19.99	202	284974	3.92	ng/ul#	92
78) Butylbenzylphthalate	20.87	149	102110	3.23	ng/ul#	96
79) 3,3'-Dichlorobenzidine	21.79	252	68981	2.89	ng/ul#	92
80) Benzo(a)anthracene	21.87	228	254139	3.58	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.76	149	144803	3.35	ng/ul	92
82) Chrysene	21.94	228	240033	3.72	ng/ul	99
84) Di-n-octyl phthalate	23.03	149	232342	3.62	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	242381	3.44	ng/ul#	94
86) Benzo(k)fluoranthene	24.28	252	236062	3.54	ng/ul#	92
88) Benzo(a)pyrene	25.14	252	237191	3.53	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.18	276	244545m	3.23	ng/ul	
90) Dibenzo(a,h)anthracene	29.26	278	197416	3.17	ng/ul#	86
91) Benzo(g,h,i)perylene	30.41	276	202766	3.24	ng/ul#	88

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



#2

1,4-Dioxane

Concen: 1.05 ng/uL m

RT: 3.53 min Scan# 118

Delta R.T. -0.01 min

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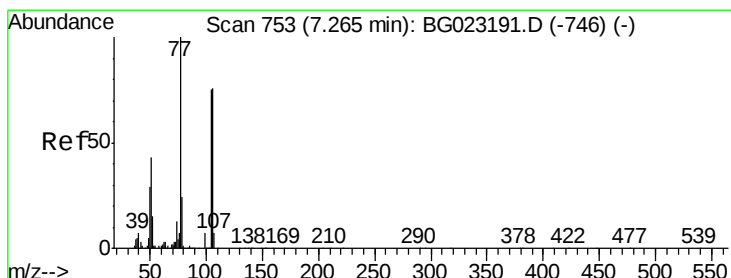
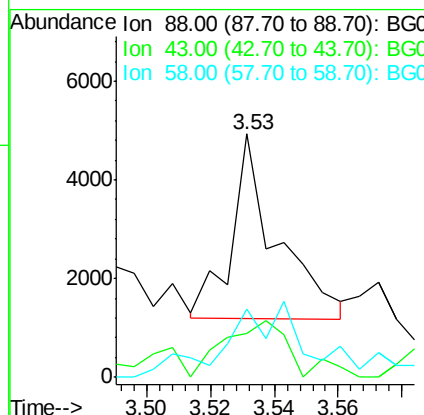
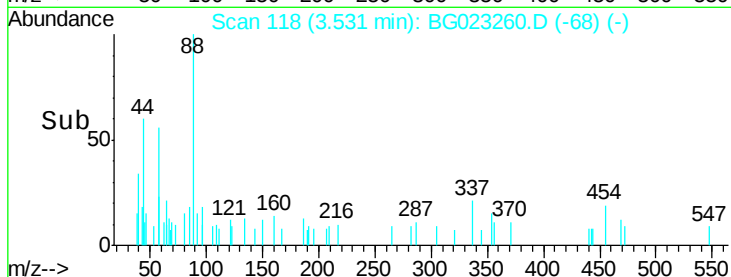
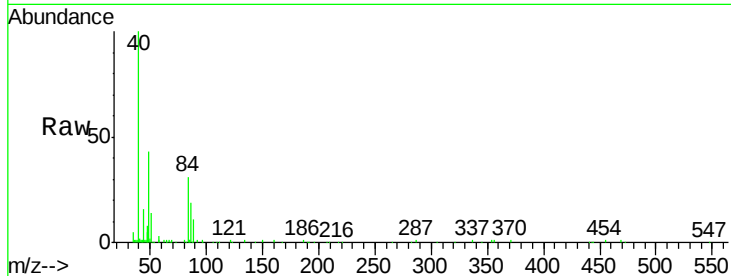
MDL-03-S-ML

Tgt Ion:	88	Resp:	3674
Ion Ratio	Lower	Upper	
88	100		
43	10.6	16.6	24.8#
58	27.9	47.2	70.8#

Manual Integrations

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#4

Benzaldehyde

Concen: 4.19 ng/uL

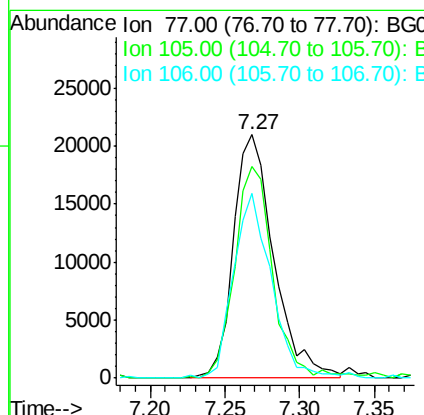
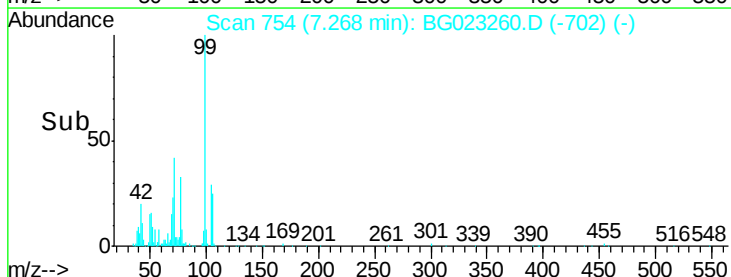
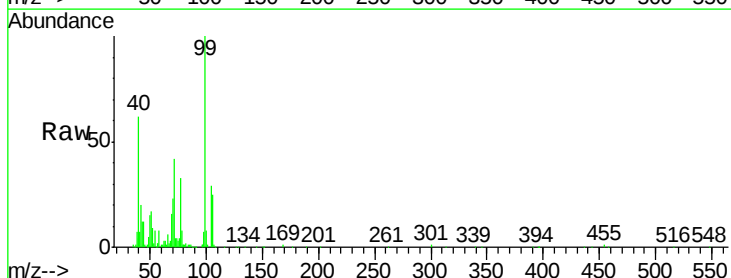
RT: 7.27 min Scan# 754

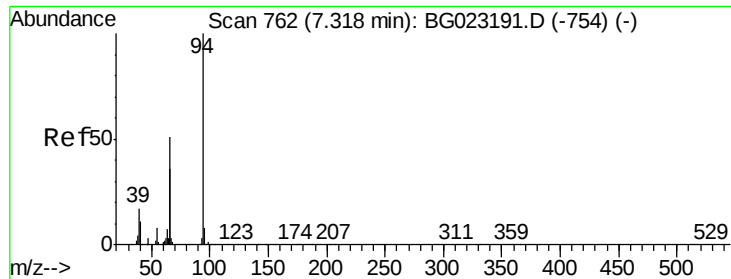
Delta R.T. 0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Tgt Ion:	77	Resp:	39581
Ion Ratio	Lower	Upper	
77	100		
105	86.8	83.8	125.8
106	75.8	77.9	116.9#





#6

Phenol

Concen: 3.11 ng/ul

RT: 7.32 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Instrument :

BNA_G

ClientSampleId :

MDL-03-S-ML

Tgt Ion: 94 Resp: 49117

Ion Ratio Lower Upper

94 100

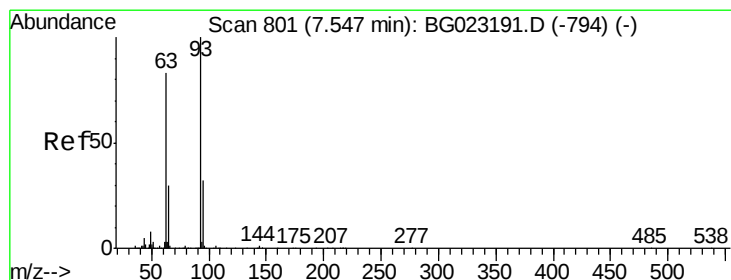
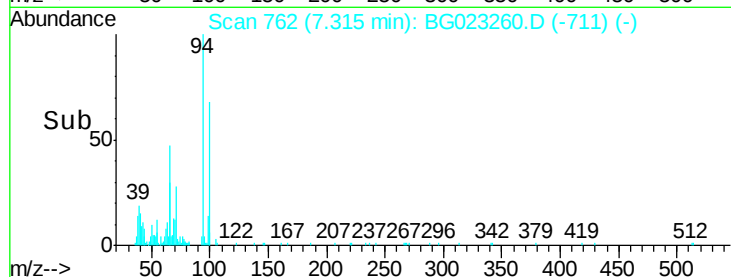
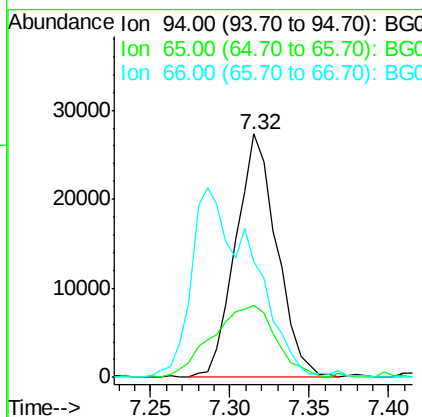
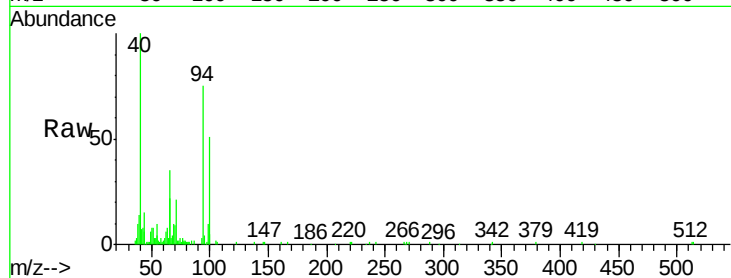
65 29.7 16.8 25.2#

66 47.4 22.6 33.8#

Manual Integrations

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#8

Bis(2-Chloroethyl)ether

Concen: 3.65 ng/ul

RT: 7.54 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

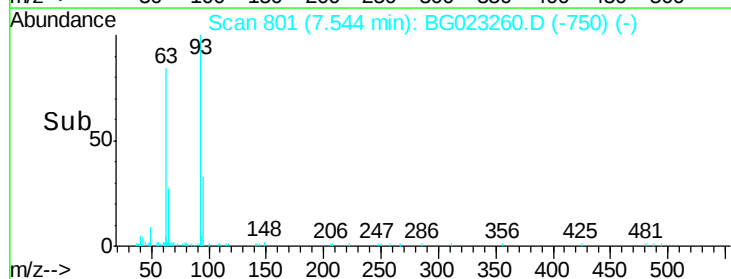
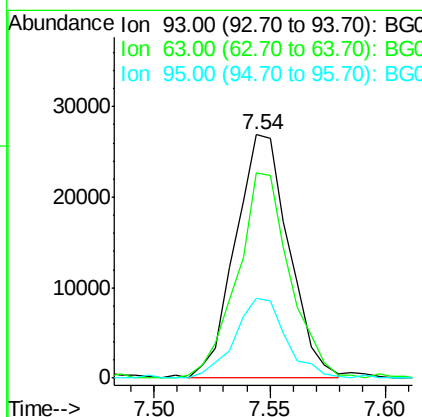
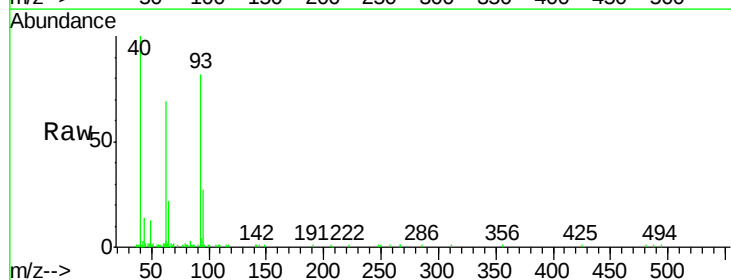
Tgt Ion: 93 Resp: 43375

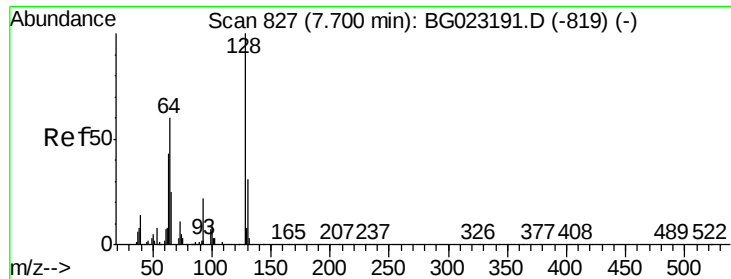
Ion Ratio Lower Upper

93 100

63 84.3 56.0 84.0#

95 32.6 27.7 41.5





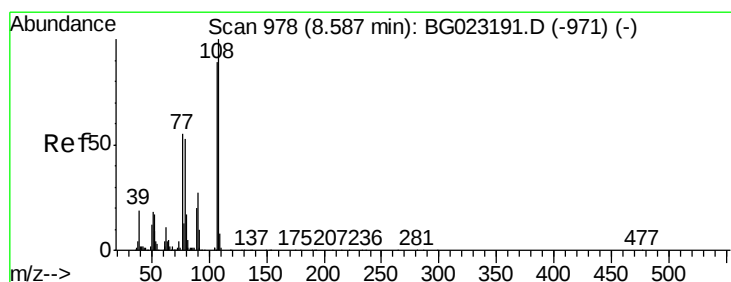
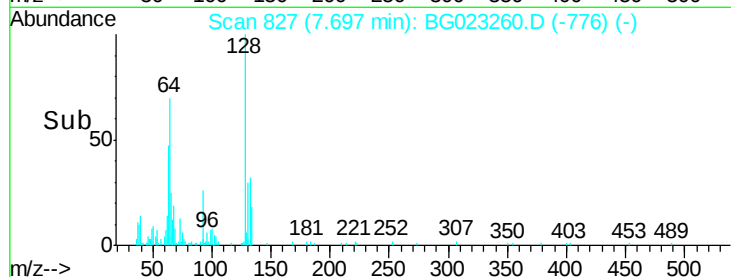
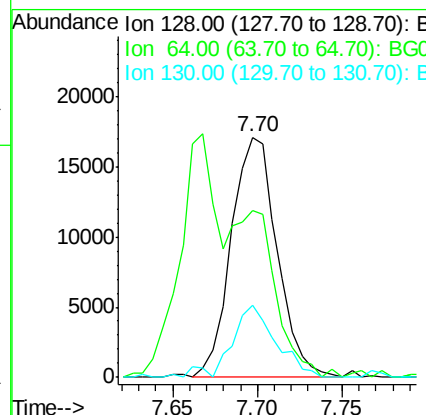
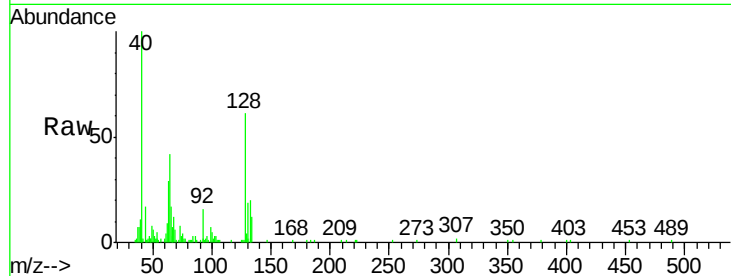
#10
2-Chlorophenol
Concen: 3.08 ng/ul
RT: 7.70 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG023260.D
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Tgt Ion	Ratio	Lower	Upper
128	100		
64	69.5	34.2	51.4#
130	30.3	27.0	40.4

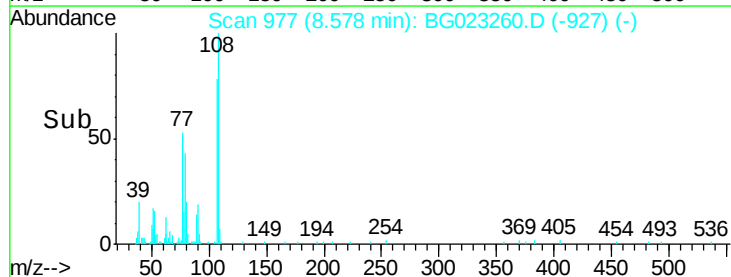
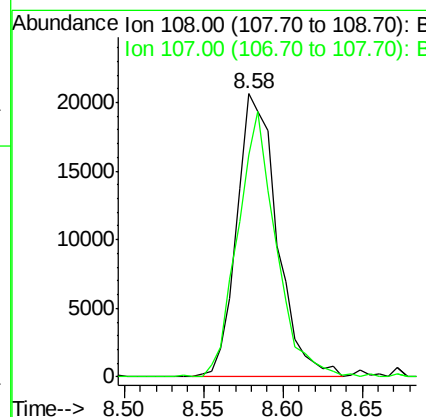
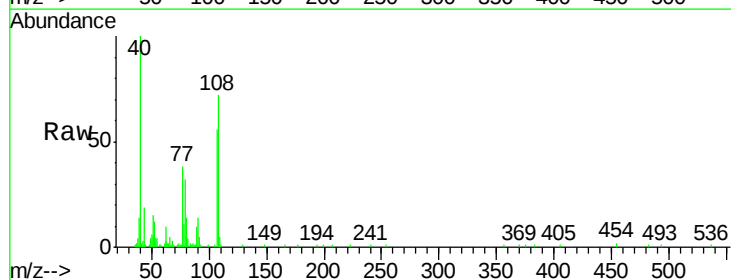
Manual Integrations

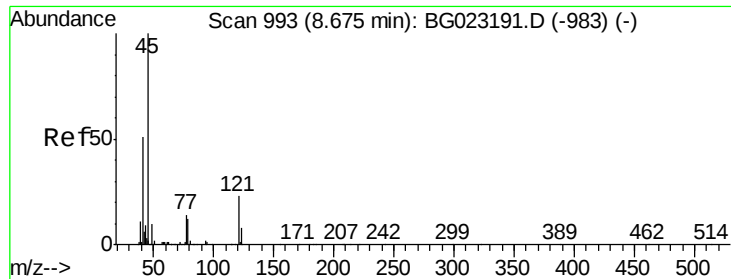
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#11
2-Methylphenol
Concen: 3.12 ng/ul
RT: 8.58 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
108	100		
107	78.4	78.6	117.8#





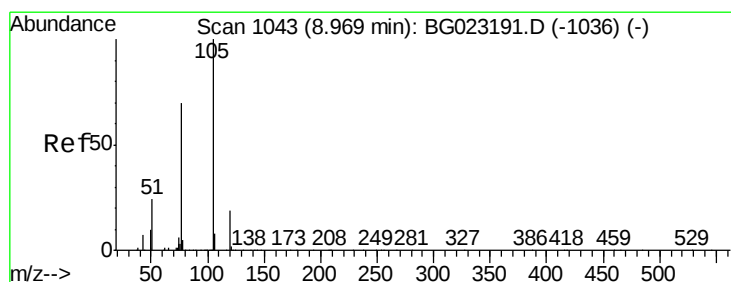
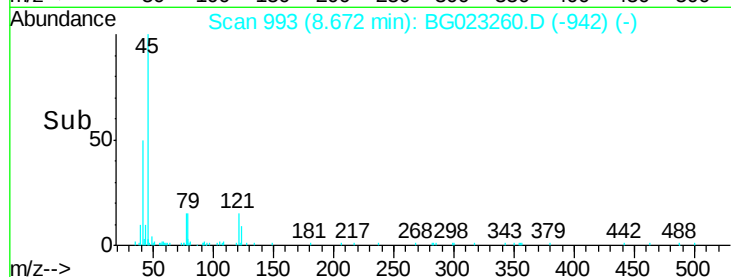
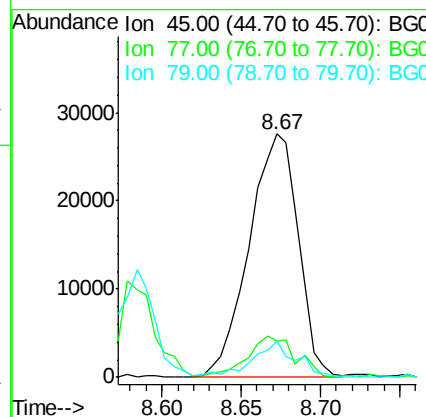
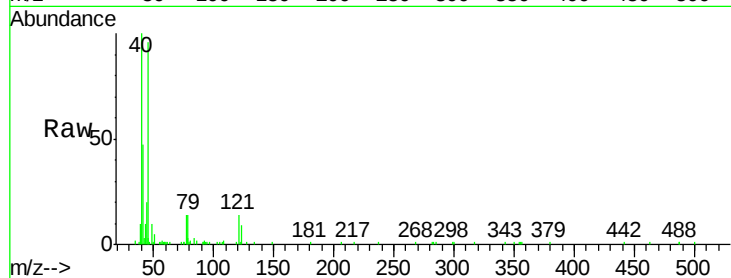
#12
2,2'-oxybis(1-chloropropane)
Concen: 3.70 ng/ul
RT: 8.67 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG023260.D
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	13.4	20.2
79	14.7	10.2	15.4

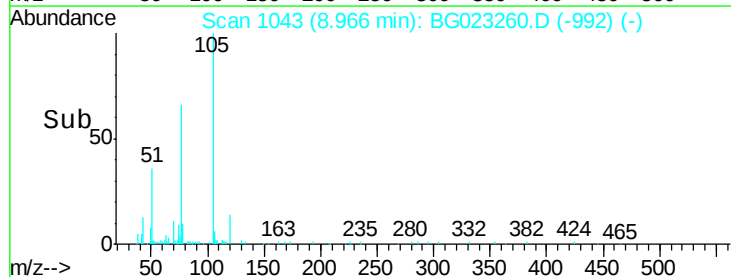
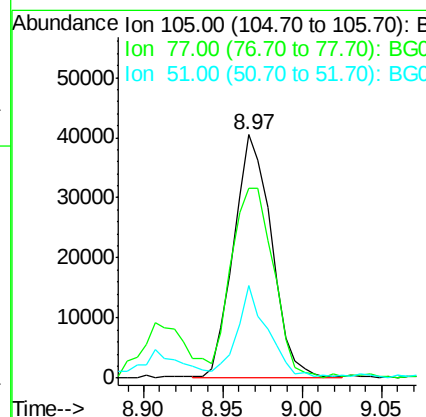
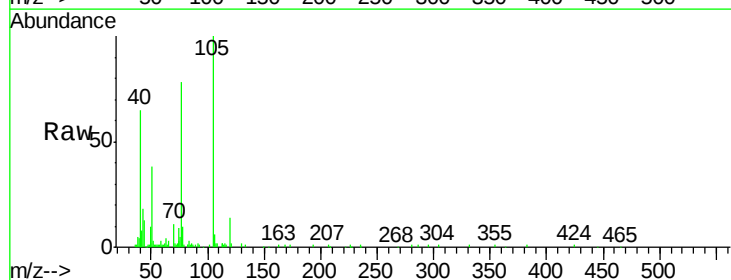
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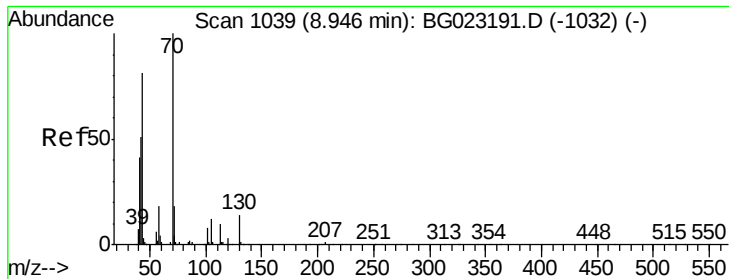
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#14
Acetophenone
Concen: 3.29 ng/ul
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
105	100		
77	77.9	56.1	84.1
51	37.8	14.6	22.0





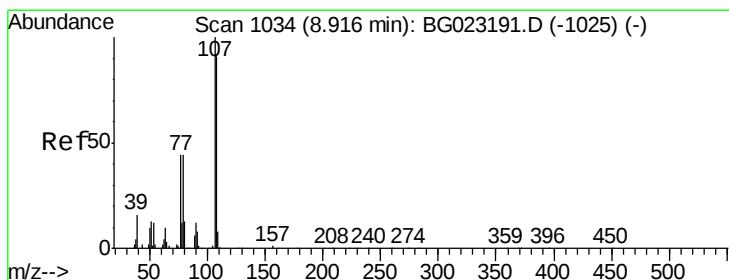
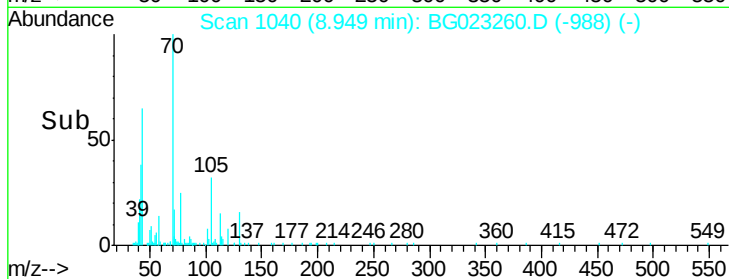
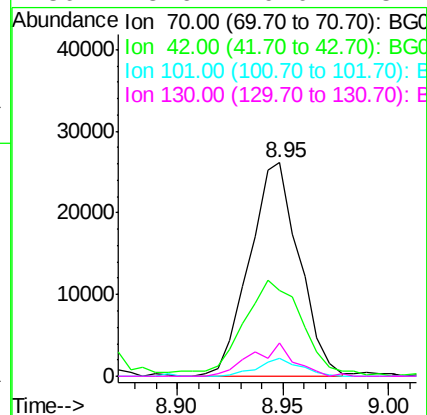
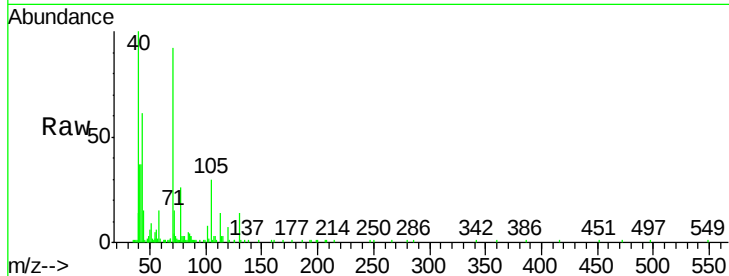
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N-Nitroso-di-n-propylamine
Concen: 3.14 ng/ul
RT: 8.95 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG023260.D
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Tgt Ion	Ratio	Lower	Upper
70	100		
42	40.4	31.4	47.2
101	8.5	8.6	13.0
130	15.6	19.0	28.4

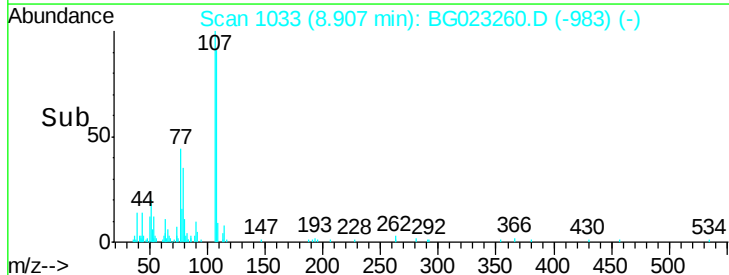
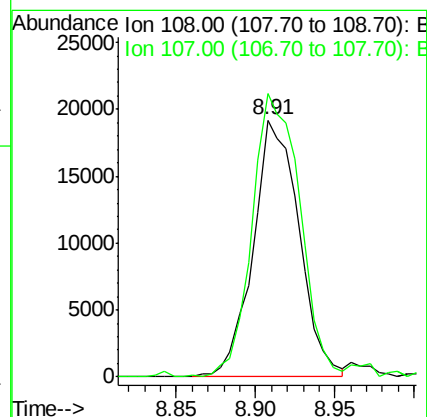
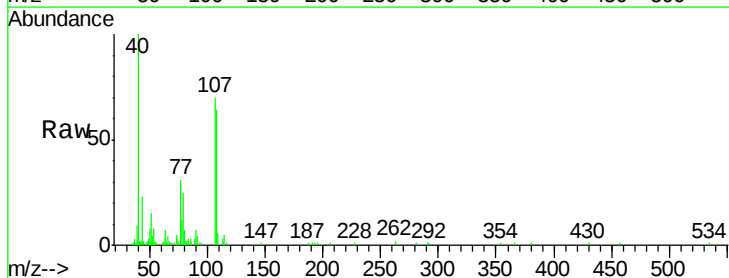
Manual Integrations

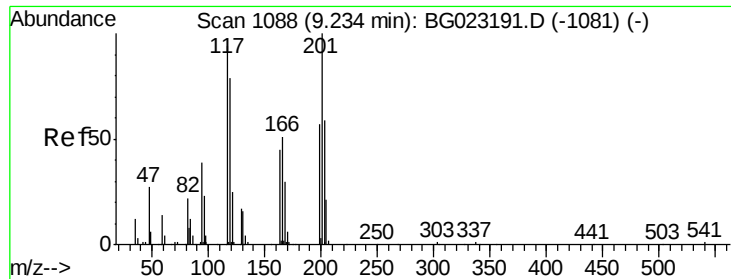
SOHIL
7/26/2016 11:41:03 AM



#16
4-Methylphenol
Concen: 2.97 ng/ul
RT: 8.91 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
108	100		
107	110.2	88.3	132.5





#17

Hexachloroethane

Concen: 3.33 ng/ul

RT: 9.23 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Instrument :

BNA_G

ClientSampleId :

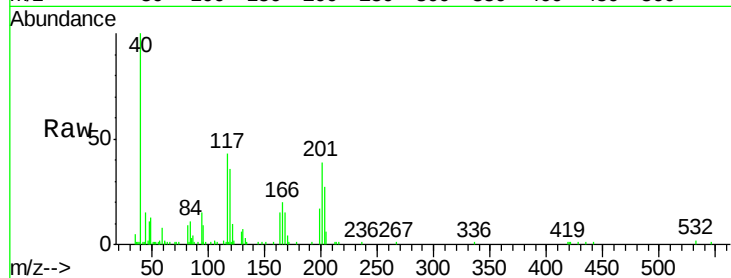
MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.0	76.8	115.2
199	40.3	43.5	65.3#

Manual Integrations

SOHIL

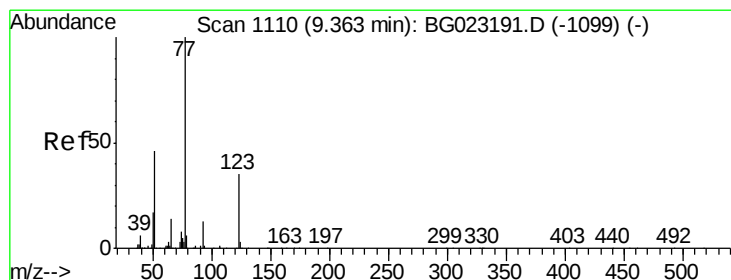
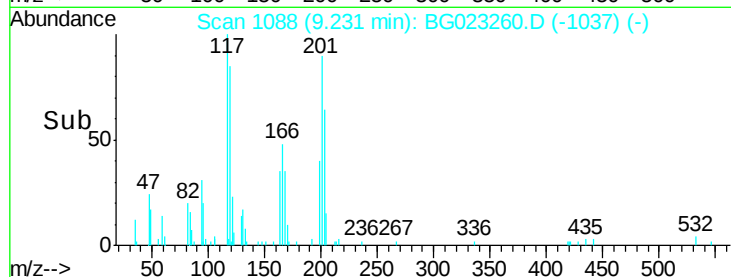
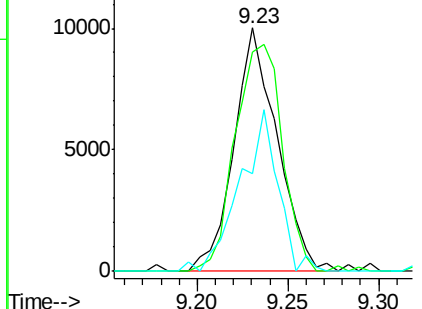
7/26/2016 11:41:03 AM



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 3.13 ng/ul

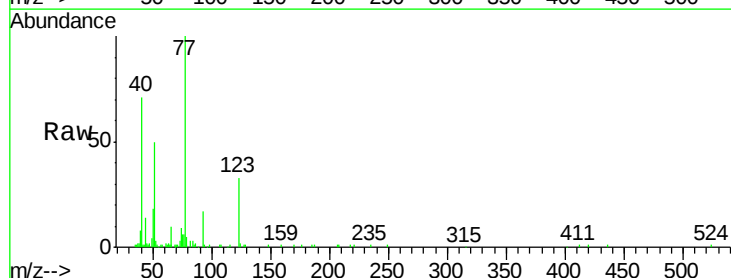
RT: 9.36 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

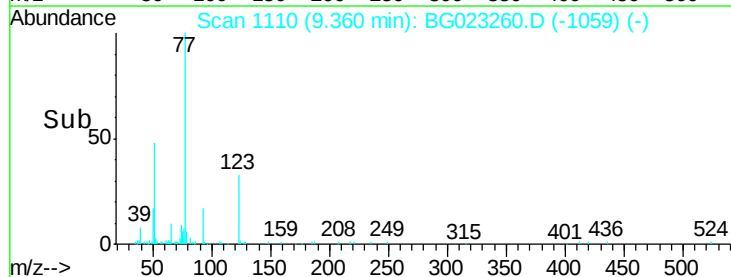
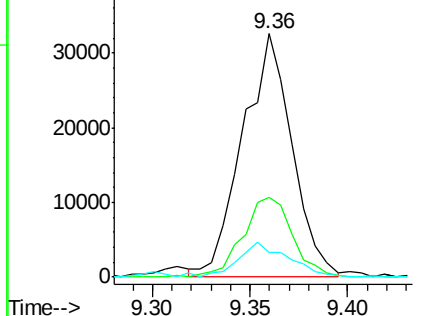
Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.6	39.5	59.3#
65	10.4	9.0	13.4

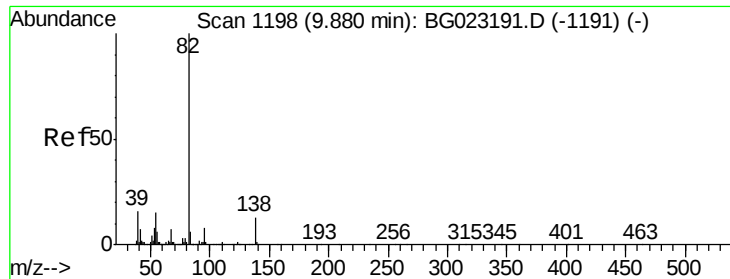


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





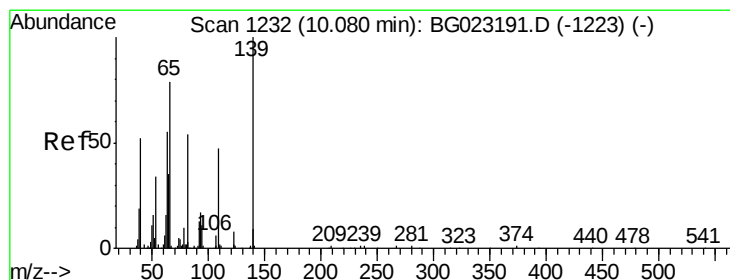
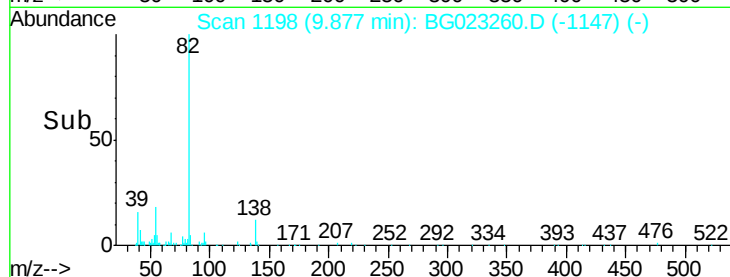
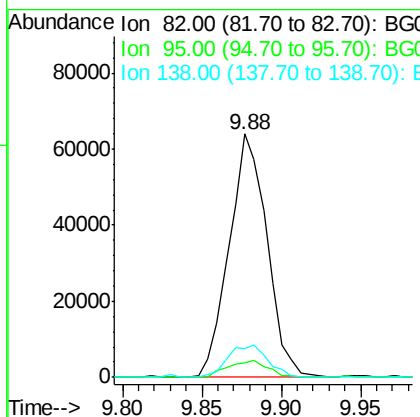
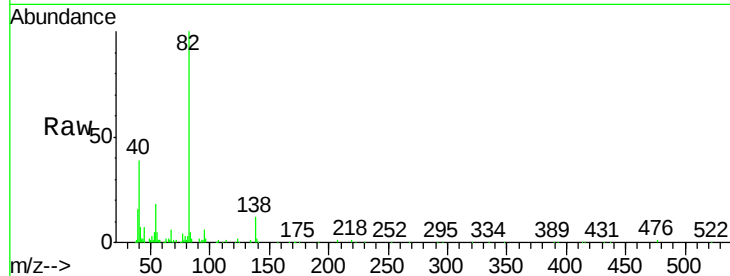
#21
Isophorone
Concen: 3.01 ng/ul
RT: 9.88 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.1	5.1	7.7
138	11.9	15.0	22.6#

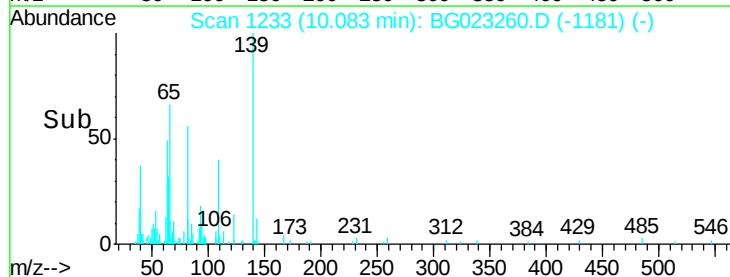
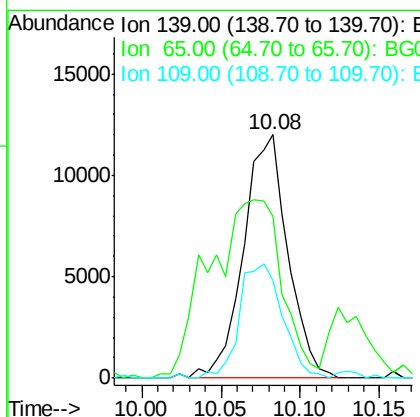
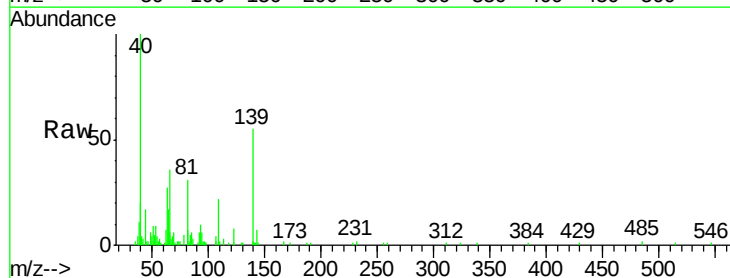
Manual Integrations

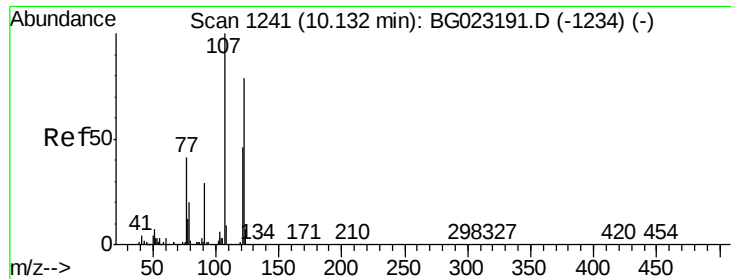
SOHIL
7/26/2016 11:41:03 AM



#23
2-Nitrophenol
Concen: 3.31 ng/ul
RT: 10.08 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
139	100		
65	66.2	31.8	47.8#
109	40.1	17.1	25.7#





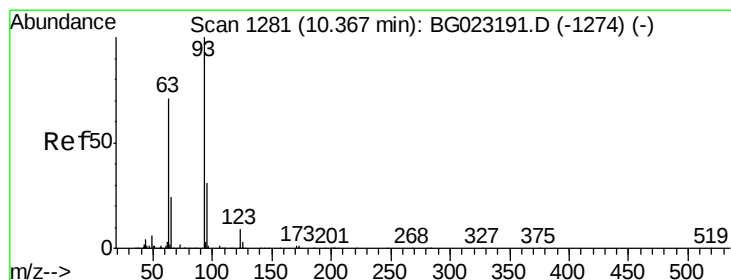
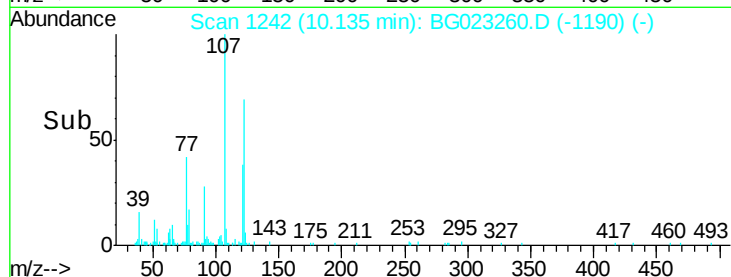
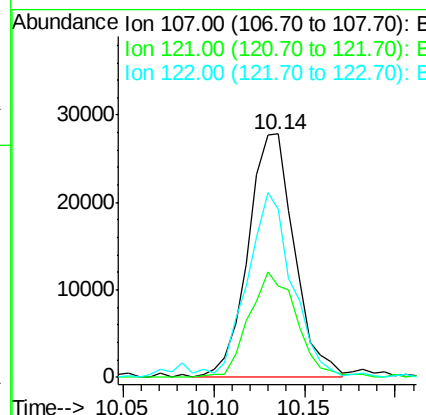
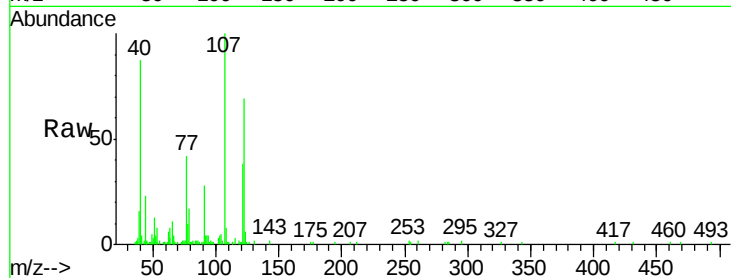
#24
 2,4-Dimethylphenol
 Concen: 3.05 ng/ul
 RT: 10.14 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BG023260.D
 Acq: 25 Jul 2016 20:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S-ML

Tgt Ion: 107 Resp: 49420
 Ion Ratio Lower Upper
 107 100
 121 37.5 43.7 65.5#
 122 68.8 70.3 105.5#

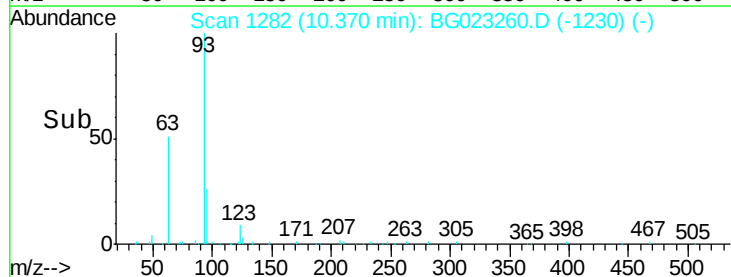
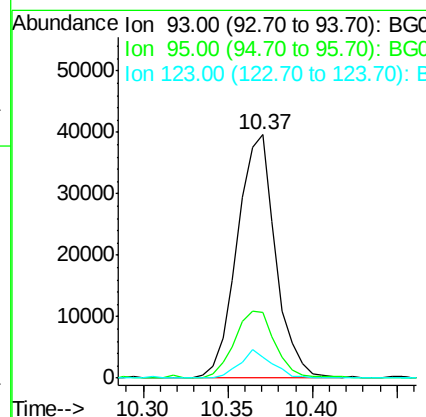
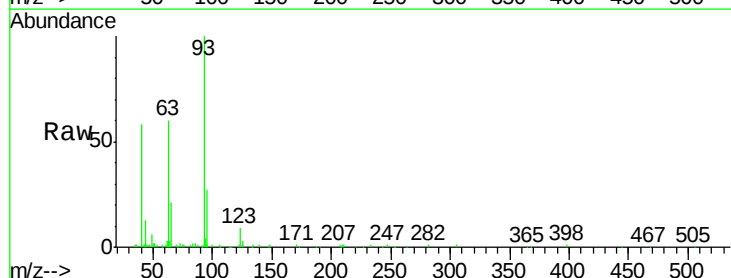
Manual Integrations

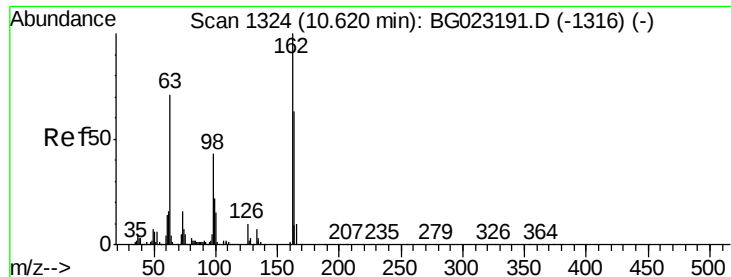
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.24 ng/ul
 RT: 10.37 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BG023260.D
 Acq: 25 Jul 2016 20:39

Tgt Ion: 93 Resp: 62540
 Ion Ratio Lower Upper
 93 100
 95 26.8 26.0 39.0
 123 8.6 10.1 15.1#





#27

2,4-Dichlorophenol

Concen: 3.25 ng/ul

RT: 10.62 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Instrument :

BNA_G

ClientSampleId :

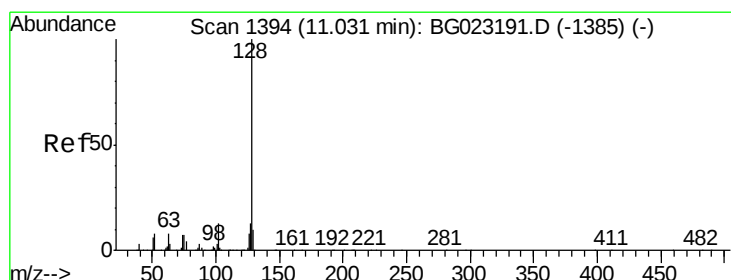
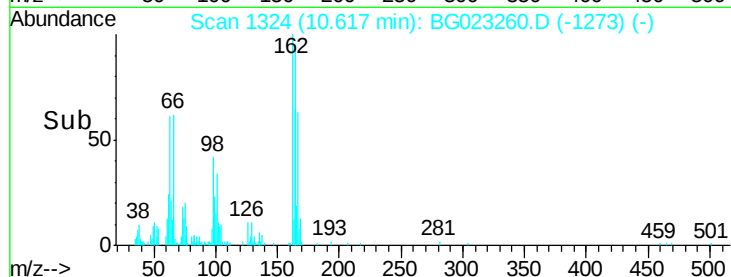
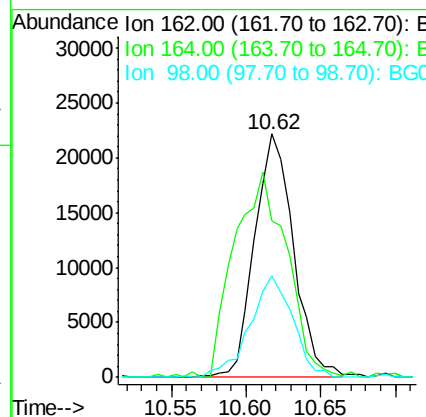
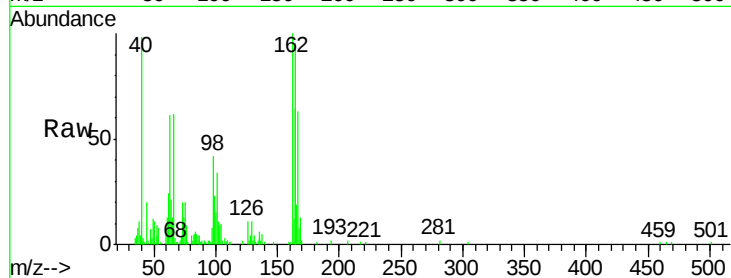
MDL-03-S-ML

Tgt Ion:	162	Resp:	40035
Ion Ratio	Lower	Upper	
162	100		
164	64.1	51.6	77.4
98	41.8	28.3	42.5

Manual Integrations

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#28

Naphthalene

Concen: 3.52 ng/ul

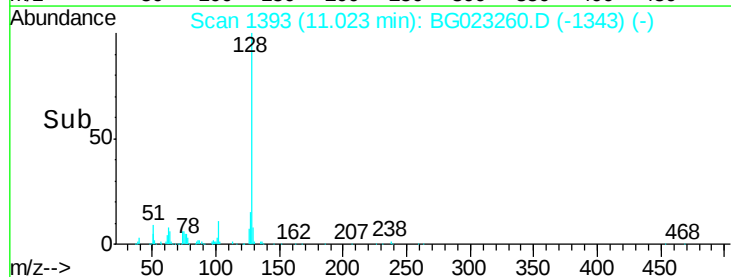
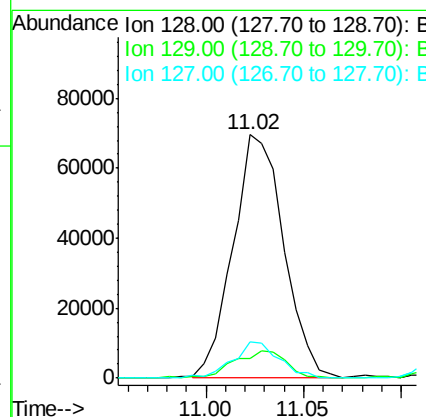
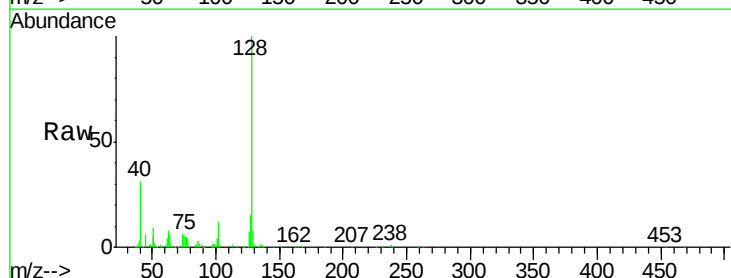
RT: 11.02 min Scan# 1393

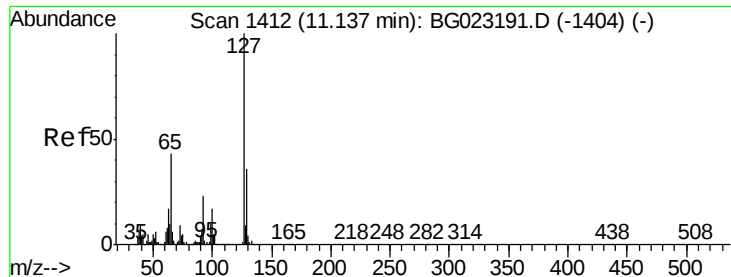
Delta R.T. -0.01 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Tgt Ion:	128	Resp:	125233
Ion Ratio	Lower	Upper	
128	100		
129	8.2	9.4	14.2#
127	14.8	11.2	16.8





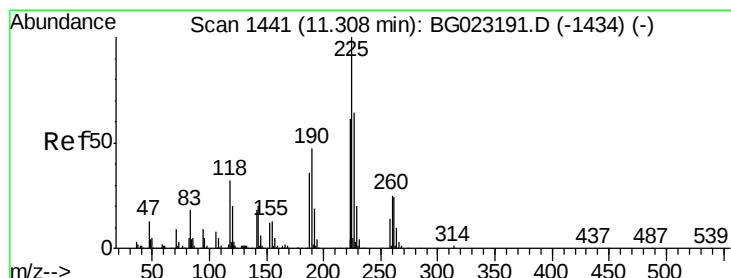
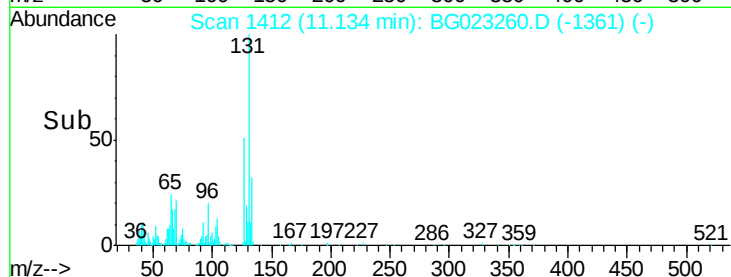
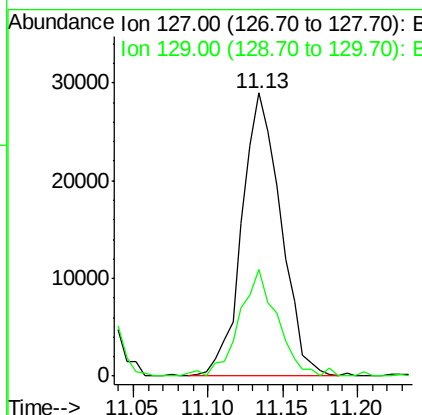
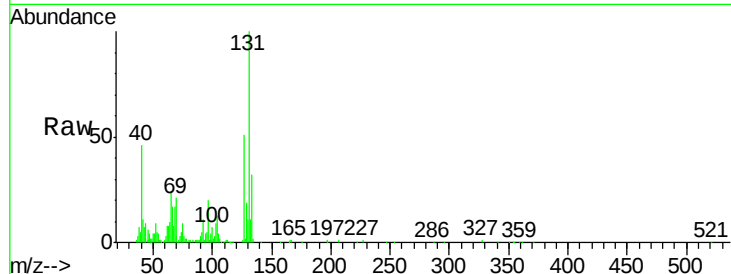
#30
4-Chloroaniline
Concen: 3.93 ng/ul
RT: 11.13 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

Tgt Ion:127 Resp: 52249
Ion Ratio Lower Upper
127 100
129 37.5 26.9 40.3

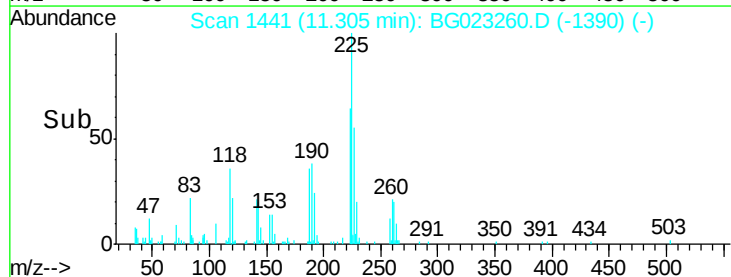
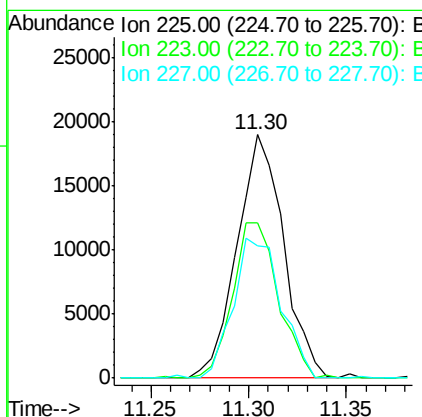
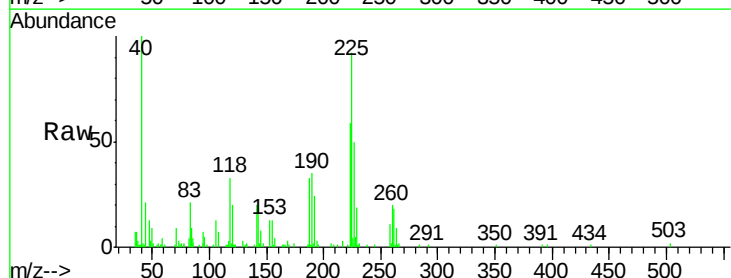
Manual Integrations

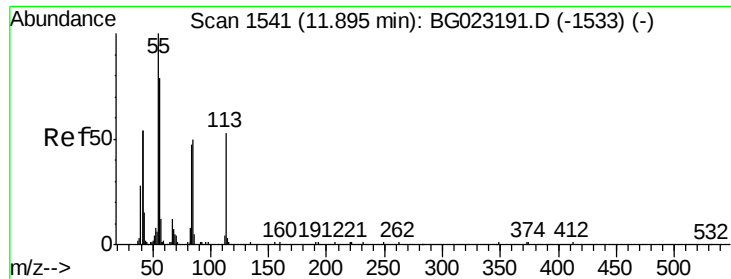
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7/26/2016 11:41:03 AM



#31
Hexachlorobutadiene
Concen: 3.17 ng/ul
RT: 11.30 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Tgt Ion:225 Resp: 31339
Ion Ratio Lower Upper
225 100
223 61.0 54.7 82.1
227 57.5 52.2 78.4





#32

Caprolactam

Concen: 2.67 ng/ul m

RT: 11.92 min Scan# 1546

Delta R.T. 0.03 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Instrument :

BNA_G

ClientSampleId :

MDL-03-S-ML

Tgt Ion:113 Resp: 13606

Ion Ratio Lower Upper

113 100

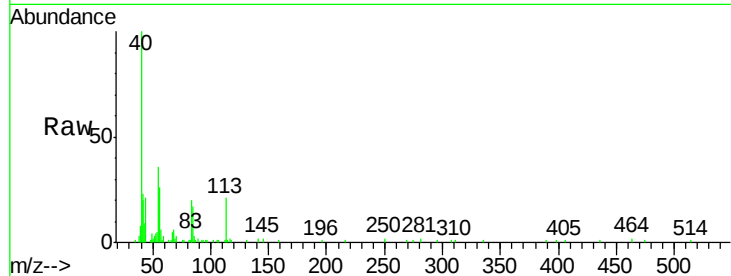
55 169.3 99.6 149.4#

56 121.1 66.4 99.6#

Manual Integrations

SOHIL

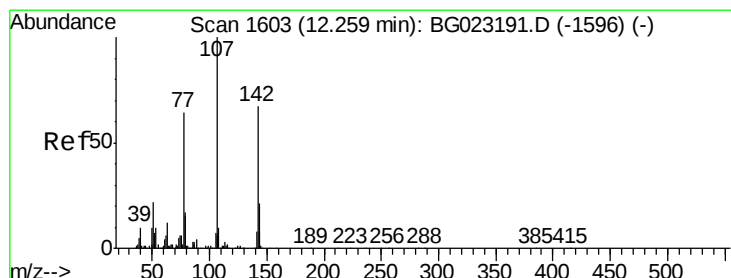
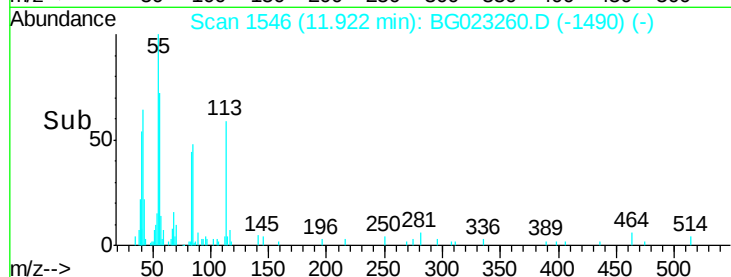
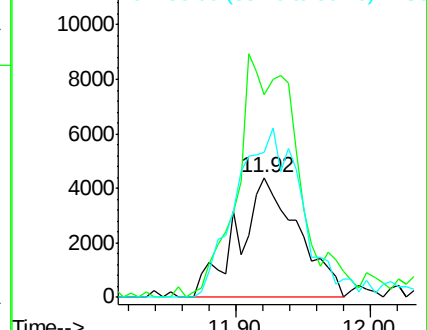
7/26/2016 11:41:03 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#33

4-Chloro-3-methylphenol

Concen: 2.69 ng/ul

RT: 12.26 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

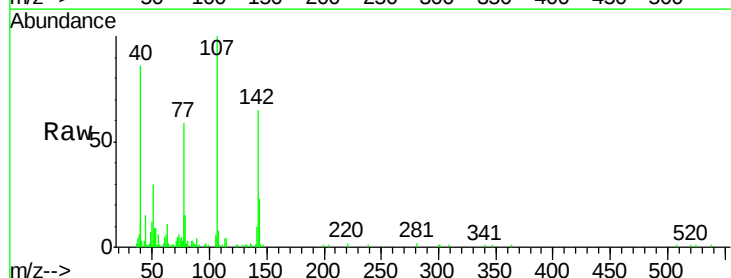
Tgt Ion:107 Resp: 43451

Ion Ratio Lower Upper

107 100

144 22.5 22.7 34.1#

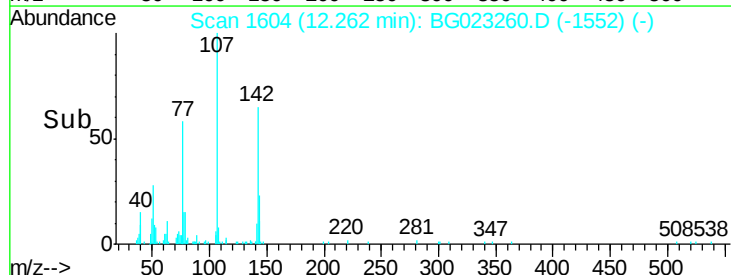
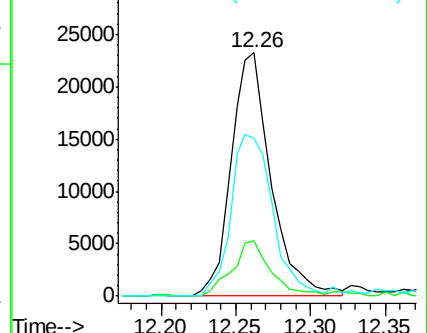
142 65.1 71.6 107.4#

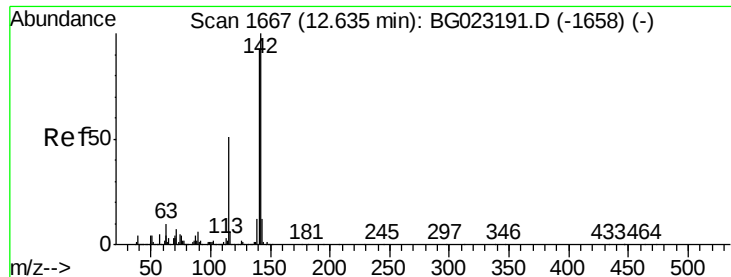


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





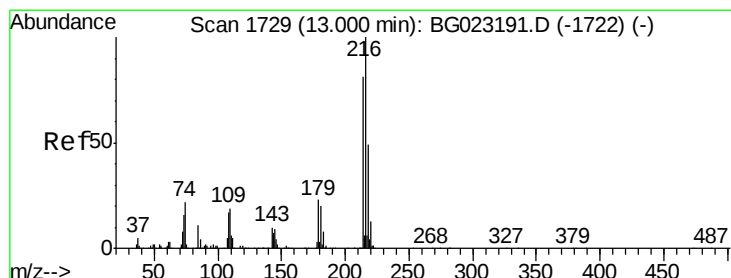
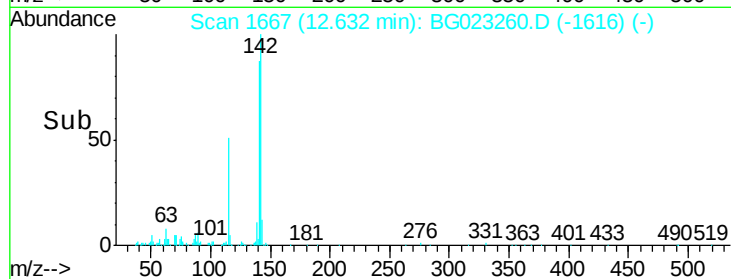
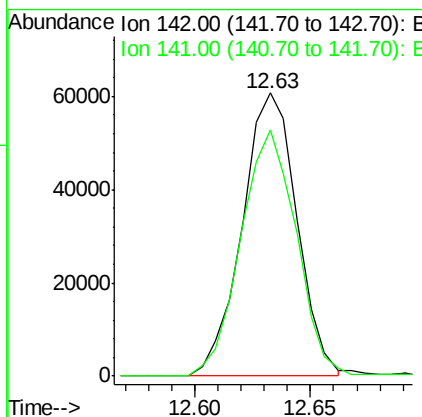
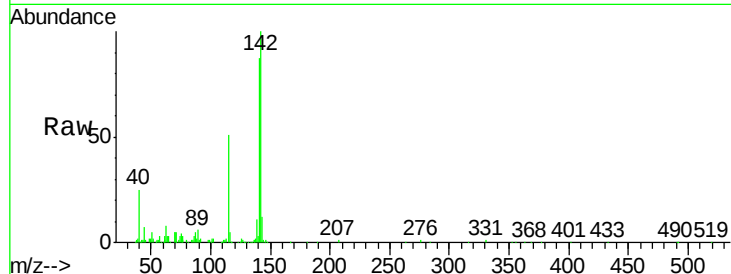
#34
 2-Methylnaphthalene
 Concen: 3.39 ng/ul
 RT: 12.63 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG023260.D
 Acq: 25 Jul 2016 20:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S-ML

Tgt Ion:142 Resp: 99980
 Ion Ratio Lower Upper
 142 100
 141 86.8 75.2 112.8

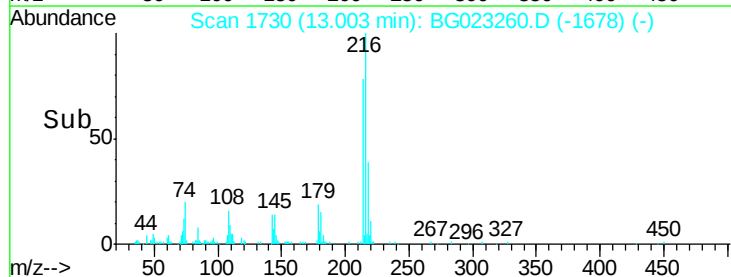
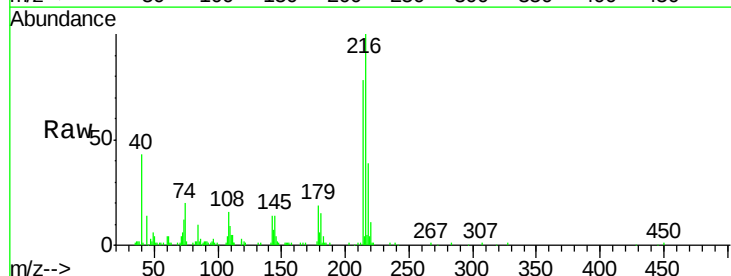
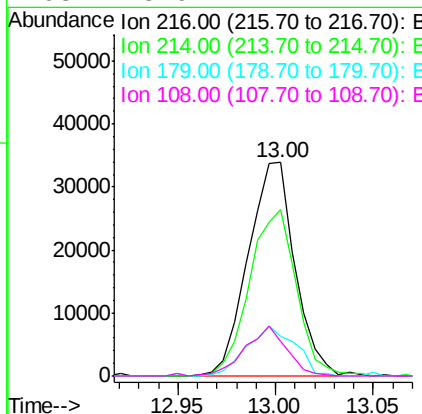
Manual Integrations

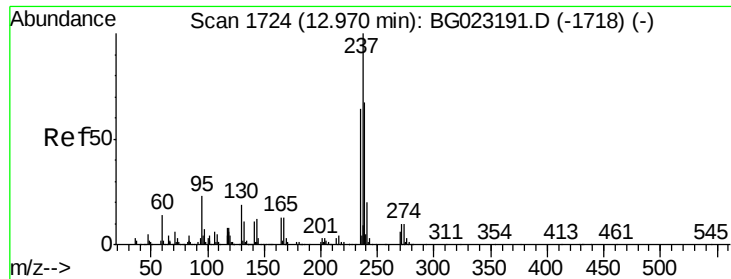
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.40 ng/ul
 RT: 13.00 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BG023260.D
 Acq: 25 Jul 2016 20:39

Tgt Ion:216 Resp: 56240
 Ion Ratio Lower Upper
 216 100
 214 78.0 61.7 92.5
 179 18.8 17.0 25.4
 108 15.9 14.2 21.2





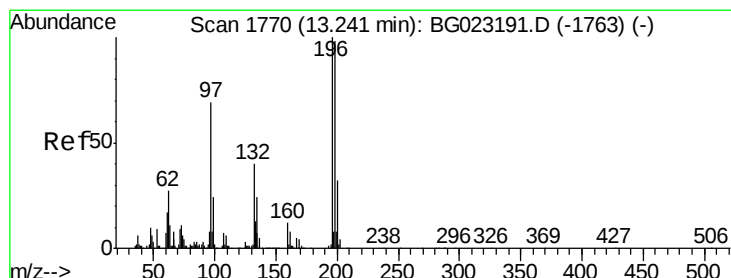
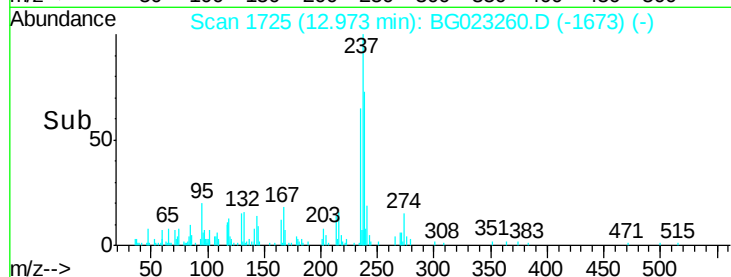
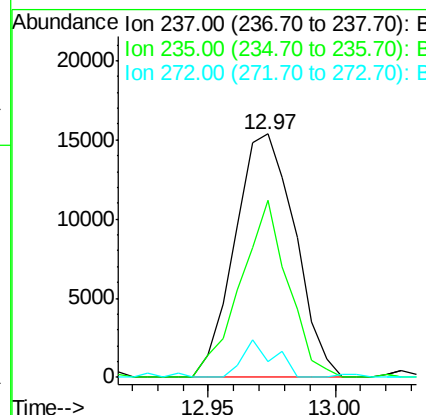
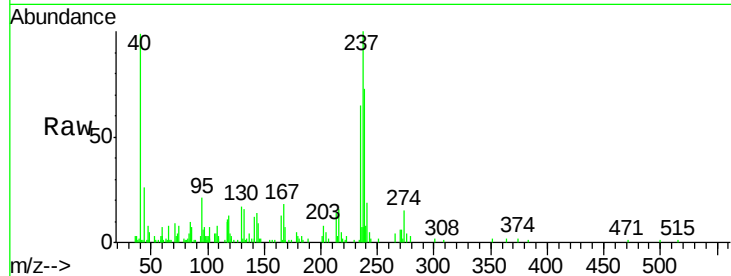
#37
Hexachlorocyclopentadiene
Concen: 2.36 ng/ul
RT: 12.97 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
237	100		
235	67.9	49.6	74.4
272	7.3	9.3	13.9#

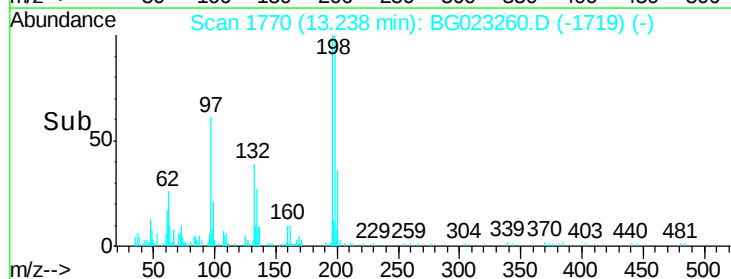
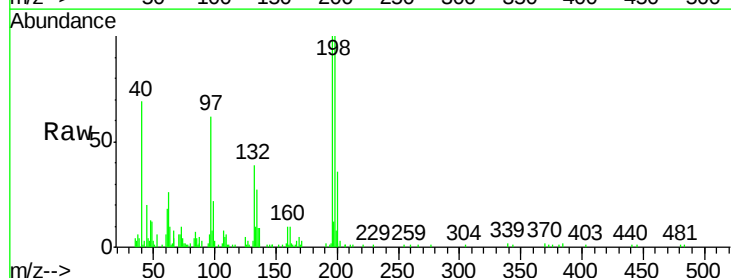
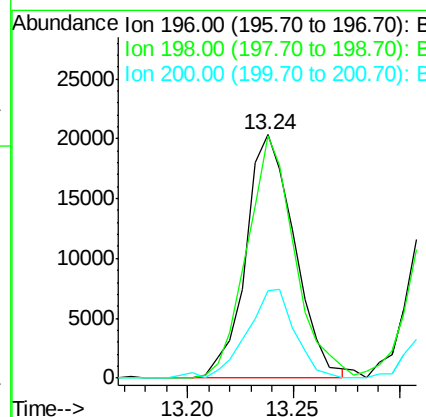
Manual Integrations

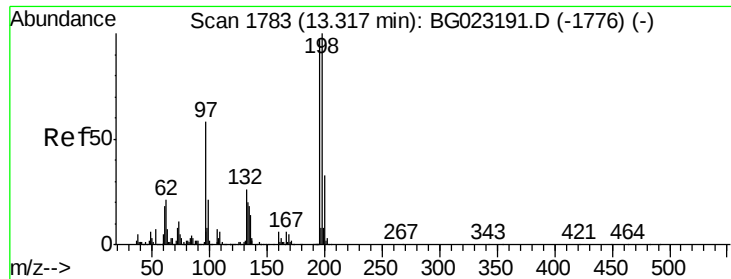
SOHIL
7/26/2016 11:41:03 AM



#38
2,4,6-Trichlorophenol
Concen: 2.84 ng/ul
RT: 13.24 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.6	77.4	116.0
200	35.9	26.6	39.8





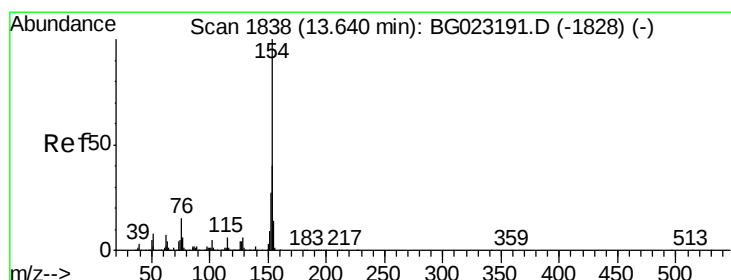
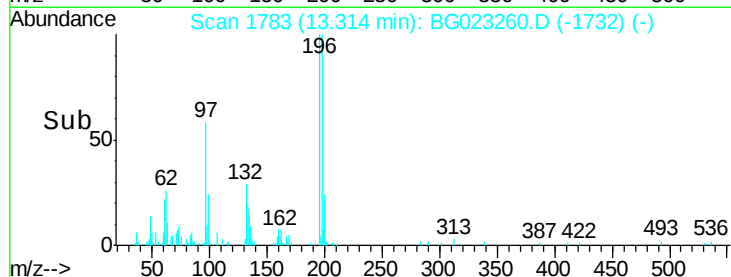
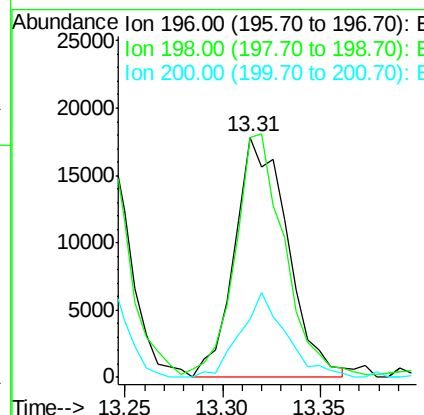
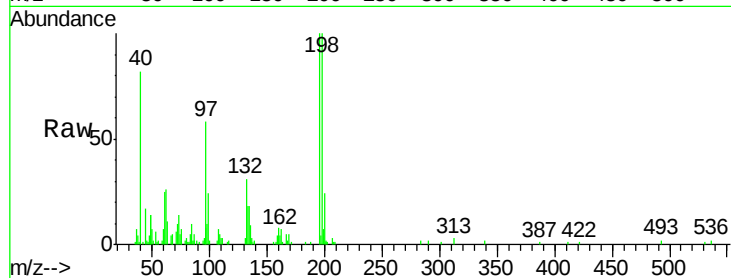
#39
 2,4,5-Trichlorophenol
 Concen: 2.86 ng/ul
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BG023260.D
 Acq: 25 Jul 2016 20:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.8	79.8	119.8
200	24.0	24.0	36.0

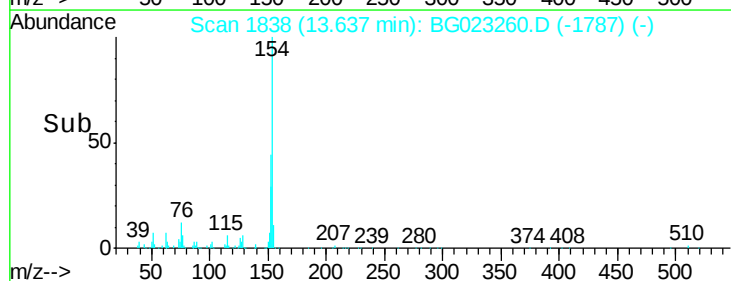
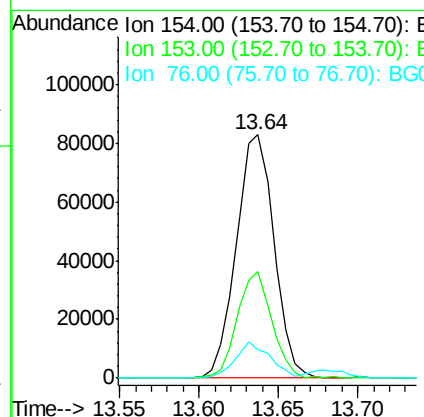
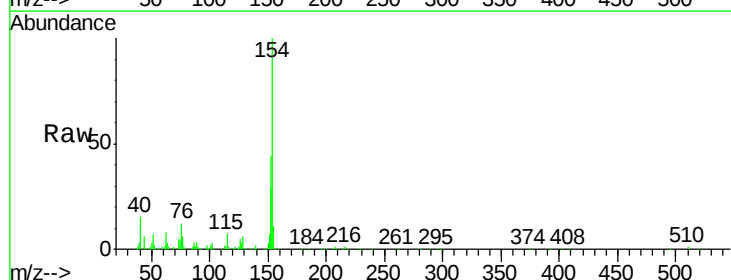
Manual Integrations

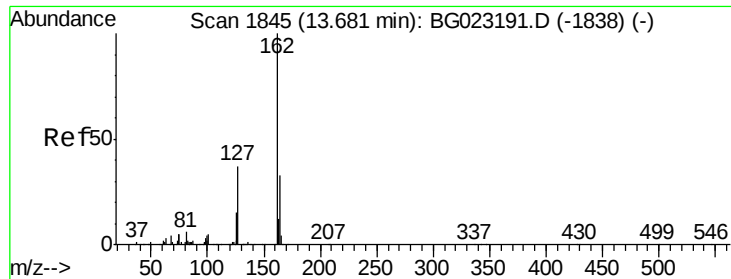
SOHIL
 7/26/2016 11:41:03 AM



#40
 1,1'-Biphenyl
 Concen: 3.69 ng/ul
 RT: 13.64 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BG023260.D
 Acq: 25 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	34.6	52.0
76	11.8	11.9	17.9





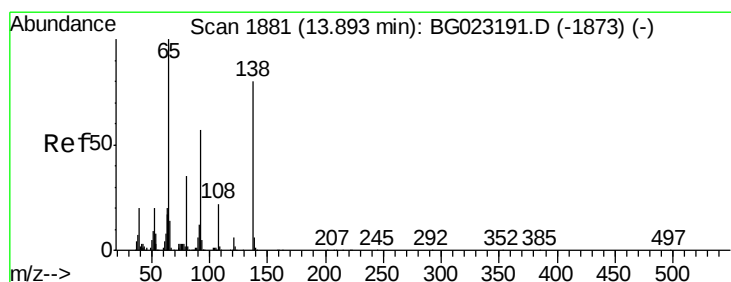
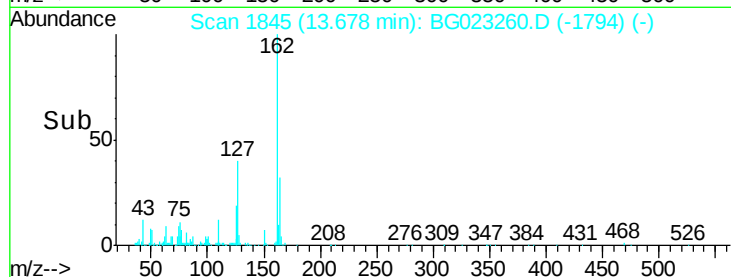
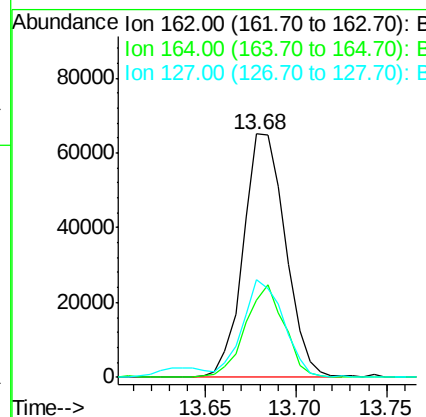
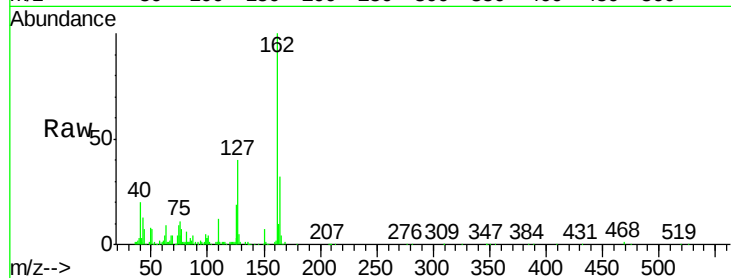
#41
2-Chloronaphthalene
Concen: 3.52 ng/ul
RT: 13.68 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
162	100		
164	31.9	25.4	38.2
127	40.1	30.2	45.4

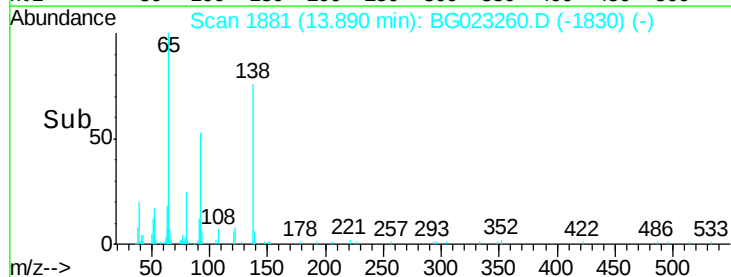
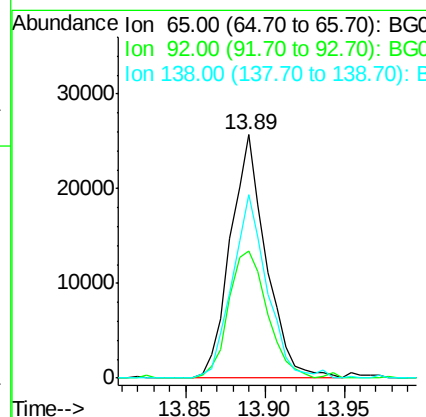
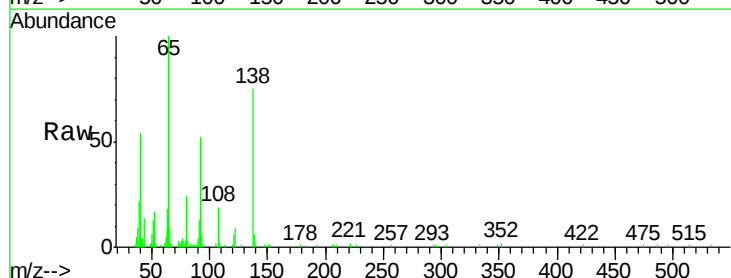
Manual Integrations

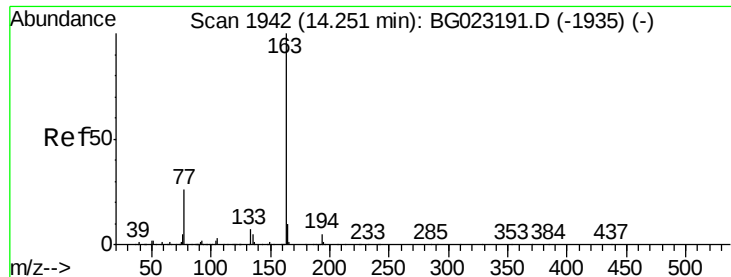
SOHIL
7/26/2016 11:41:03 AM



#42
2-Nitroaniline
Concen: 3.01 ng/ul
RT: 13.89 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	52.4	67.1	100.7#
138	75.3	109.6	164.4#





#44

Dimethylphthalate

Concen: 3.41 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Instrument :

BNA_G

ClientSampled :

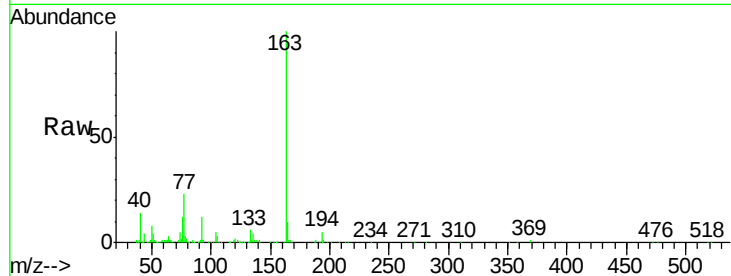
MDL-03-S-ML

Tgt Ion:	163	Resp:	142399
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.4	5.2
164	9.9	8.8	13.2

Manual Integrations

SOHIL

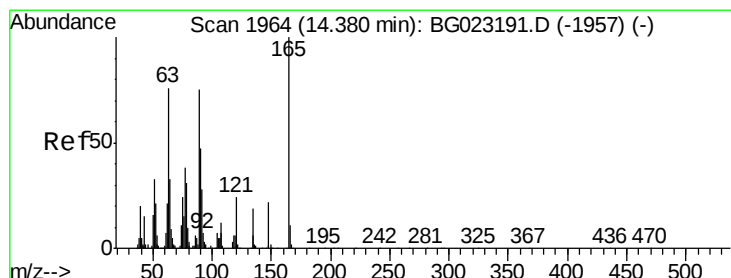
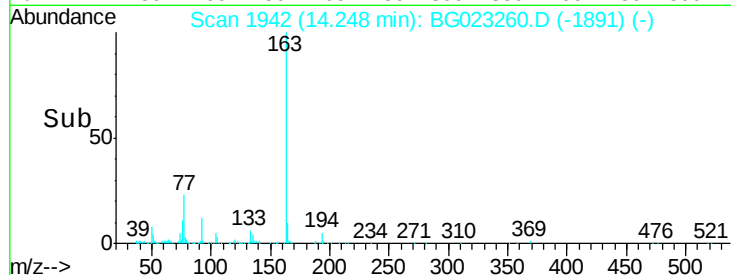
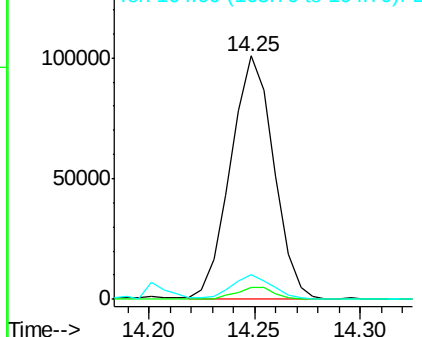
7/26/2016 11:41:03 AM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 3.03 ng/ul

RT: 14.38 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG023260.D

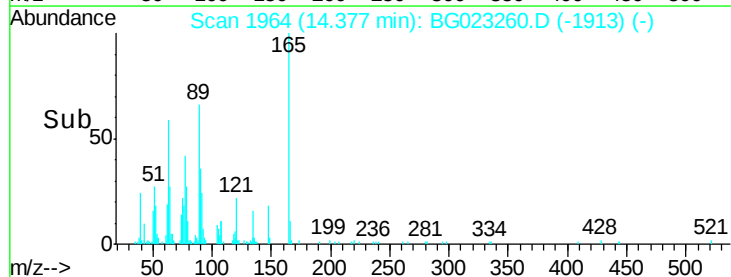
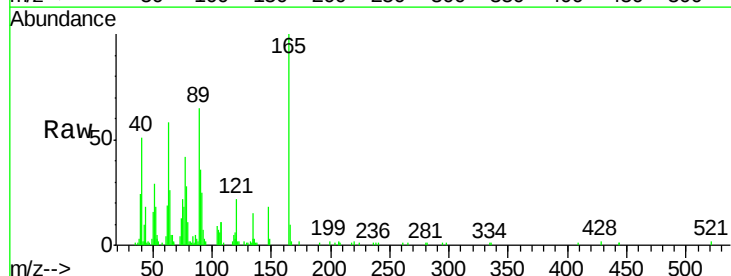
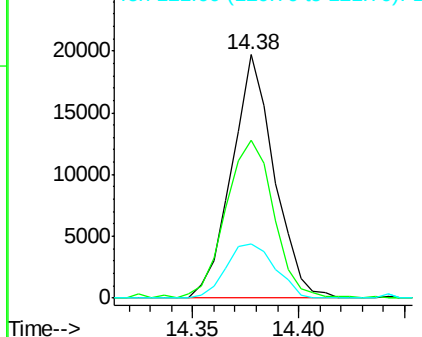
Acq: 25 Jul 2016 20:39

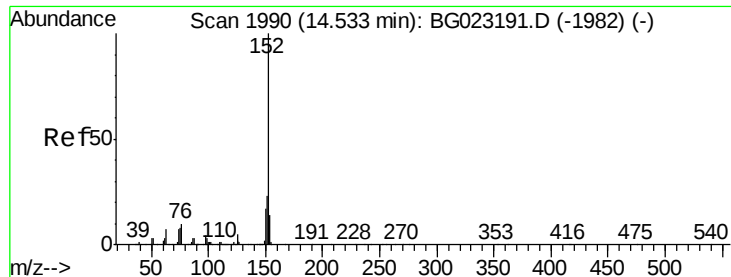
Tgt Ion:	165	Resp:	27409
Ion Ratio	Lower	Upper	
165	100		
89	64.8	41.5	62.3#
121	22.1	17.0	25.4

Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





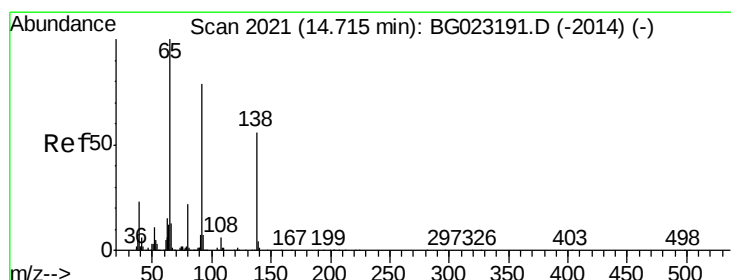
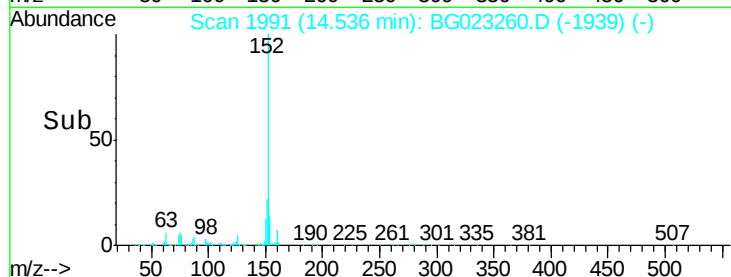
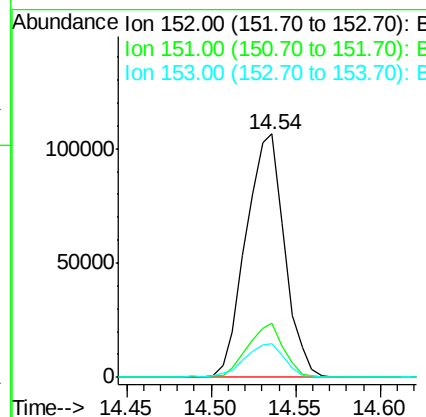
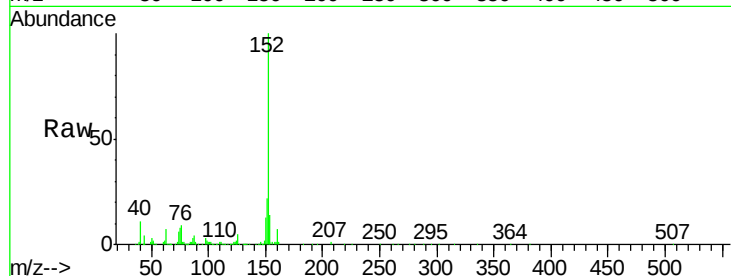
#47
Acenaphthylene
Concen: 3.58 ng/ul
RT: 14.54 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.5	26.3
153	13.7	11.1	16.7

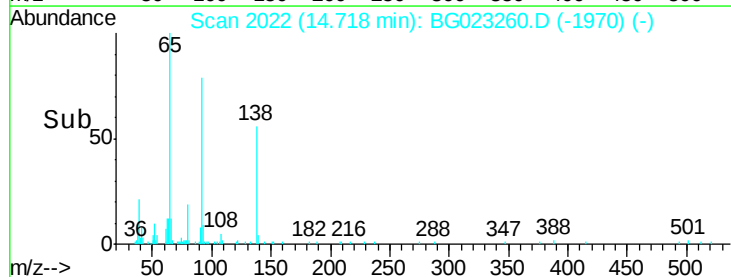
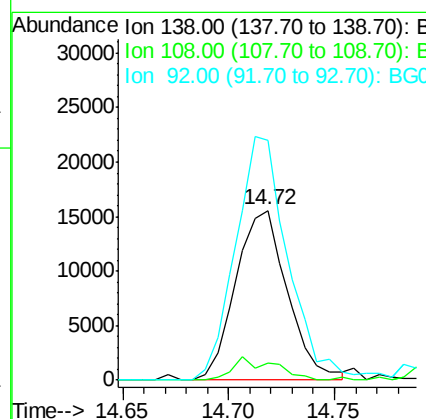
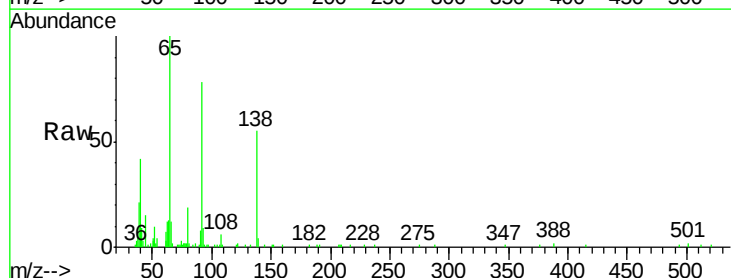
Manual Integrations

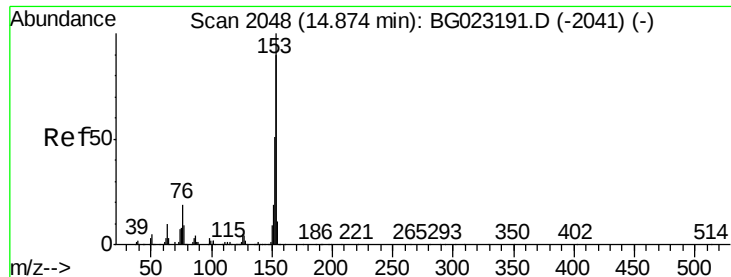
SOHIL
7/26/2016 11:41:03 AM



#48
3-Nitroaniline
Concen: 3.43 ng/ul
RT: 14.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	6.2	9.2#
92	141.5	79.3	118.9#





#49

Acenaphthene

Concen: 3.46 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Instrument :

BNA_G

ClientSampleId :

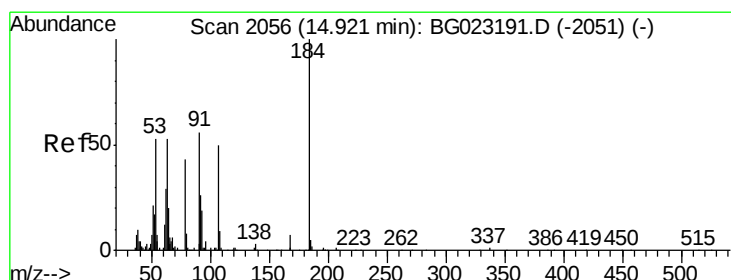
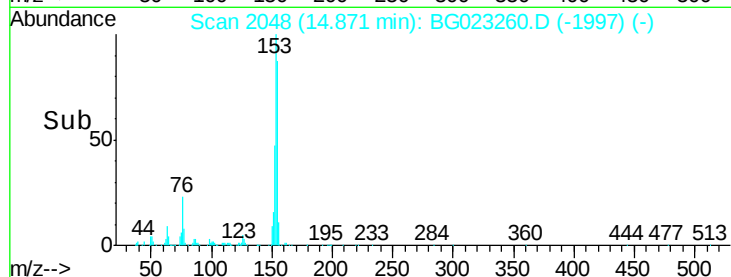
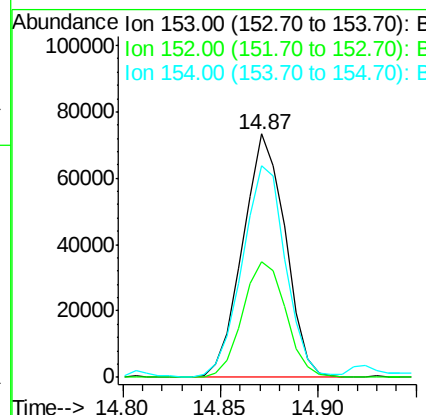
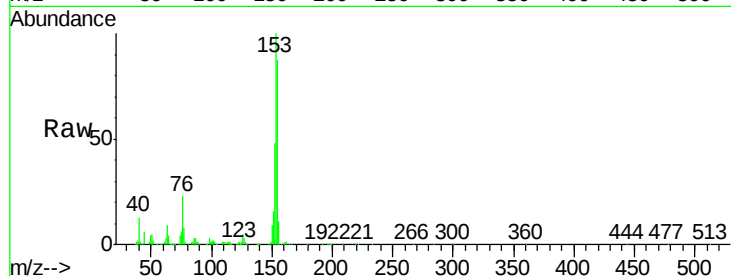
MDL-03-S-ML

Tgt Ion:	153	Resp:	110773
Ion Ratio		Lower	Upper
153	100		
152	47.7	37.3	55.9
154	86.8	68.2	102.2

Manual Integrations

SOHIL

7/26/2016 11:41:03 AM



#50

2,4-Dinitrophenol

Concen: 1.30 ng/ul

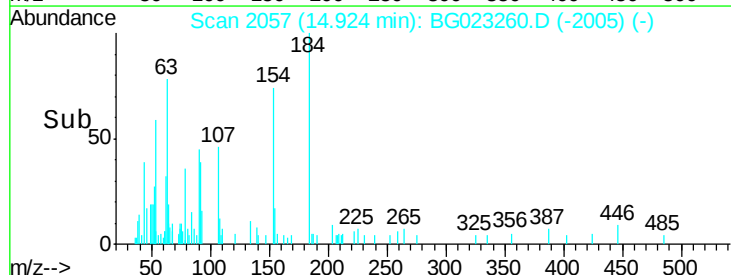
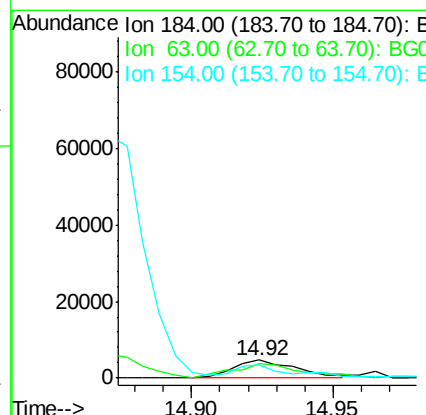
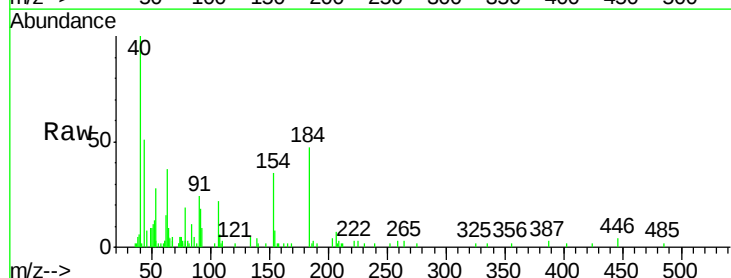
RT: 14.92 min Scan# 2057

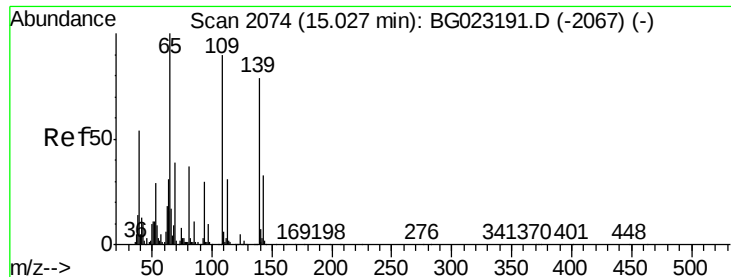
Delta R.T. 0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Tgt Ion:	184	Resp:	7372
Ion Ratio		Lower	Upper
184	100		
63	77.6	40.5	60.7#
154	74.3	48.5	72.7#





#52

4-Nitrophenol

Concen: 2.59 ng/ul

RT: 15.02 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Instrument :

BNA_G

ClientSampleId :

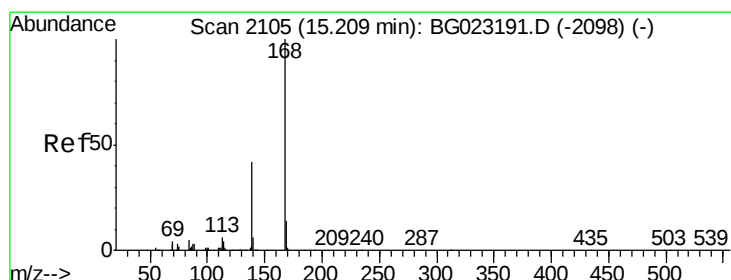
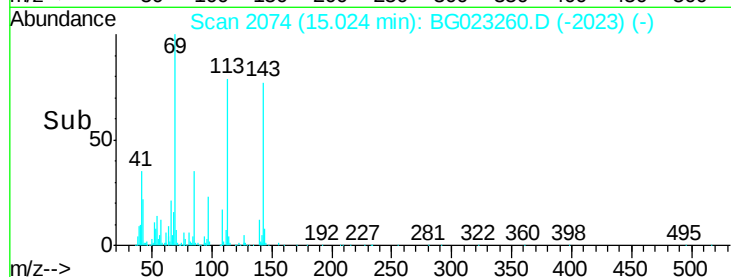
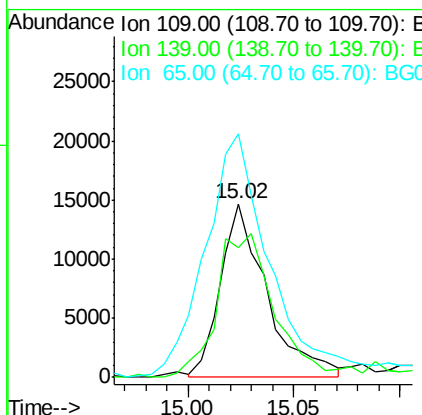
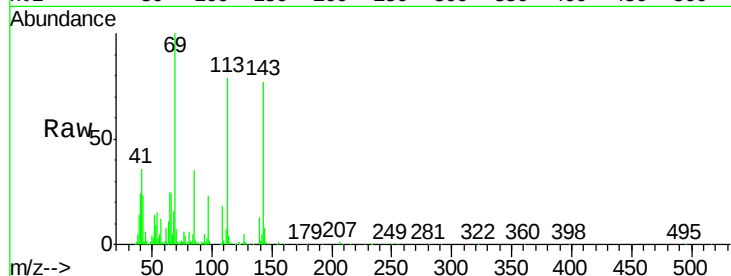
MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
109	100		
139	74.8	136.1	204.1#
65	140.2	106.0	159.0

Manual Integrations

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#53

Dibenzofuran

Concen: 3.55 ng/ul

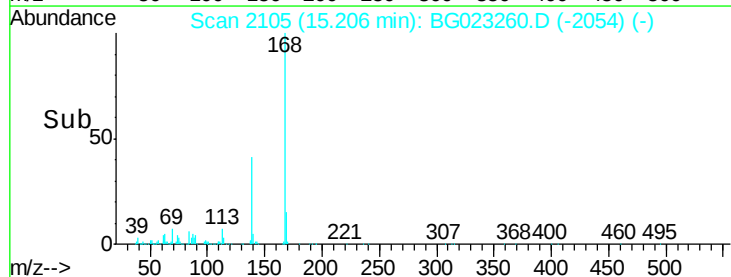
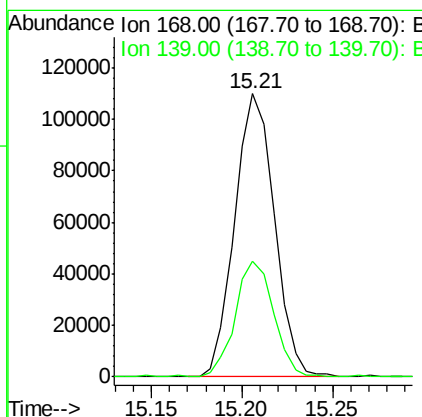
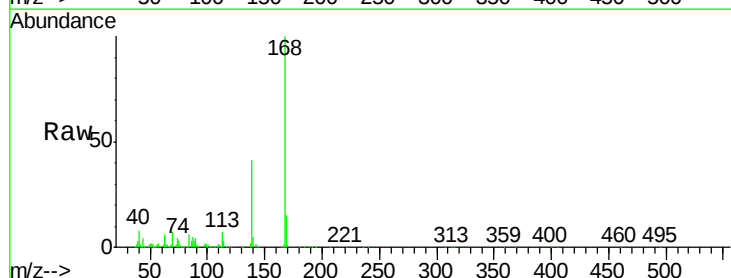
RT: 15.21 min Scan# 2105

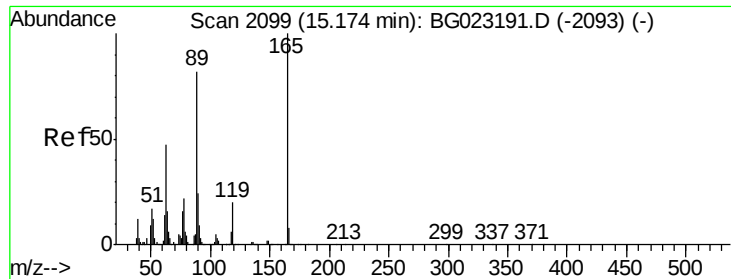
Delta R.T. -0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	27.4	41.0





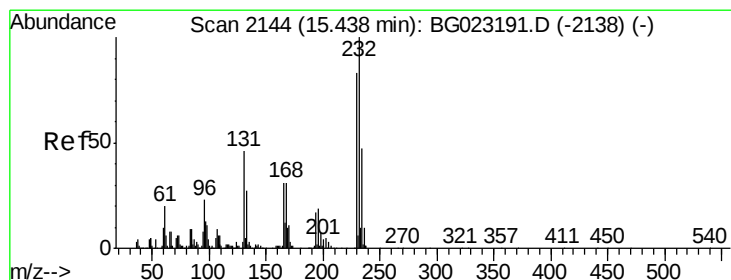
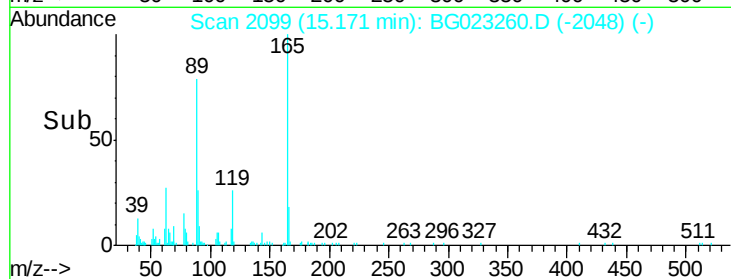
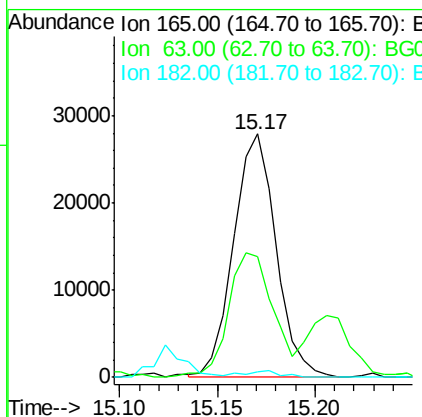
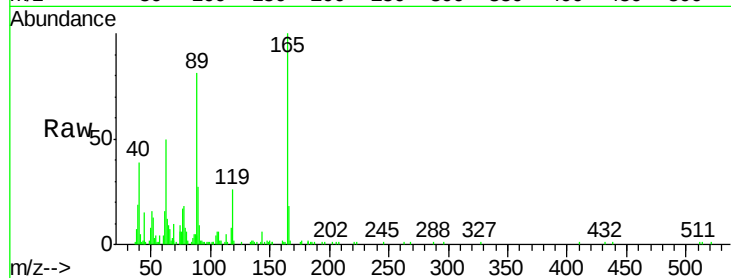
#54
 2,4-Dinitrotoluene
 Concen: 3.05 ng/ul
 RT: 15.17 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG023260.D
 Acq: 25 Jul 2016 20:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.8	25.7	38.5#
182	3.4	2.1	3.1#

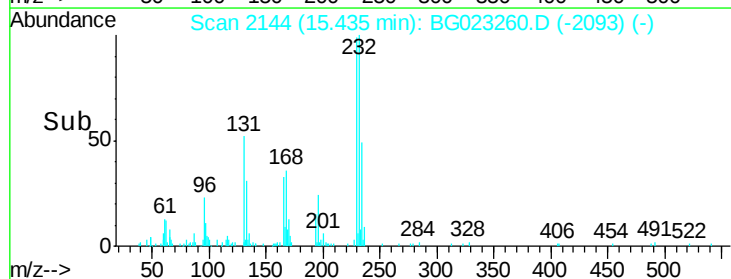
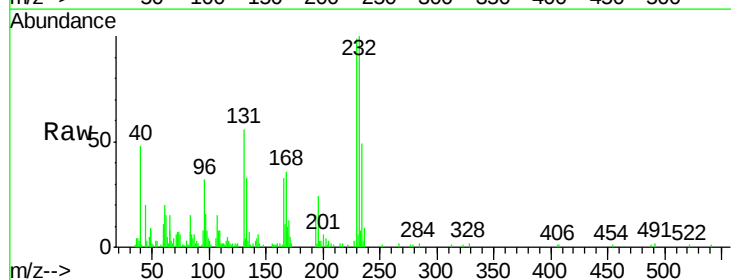
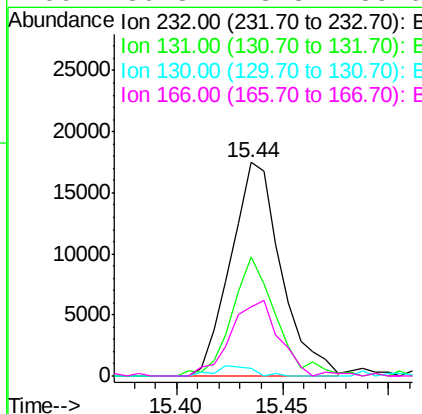
Manual Integrations

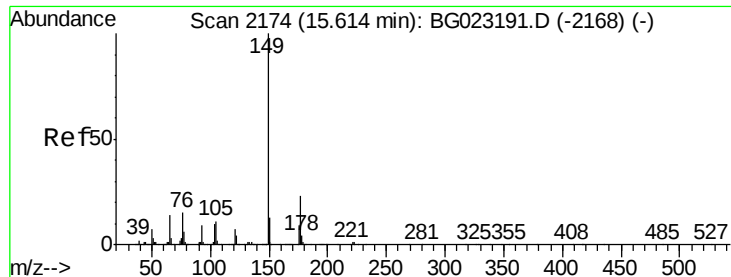
SOHIL
 7/26/2016 11:41:03 AM



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.45 ng/ul
 RT: 15.44 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG023260.D
 Acq: 25 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.6	34.8	52.2
130	3.1	2.2	3.2
166	30.3	23.8	35.6





#56

Diethylphthalate

Concen: 3.37 ng/ul

RT: 15.62 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Instrument :

BNA_G

ClientSampleId :

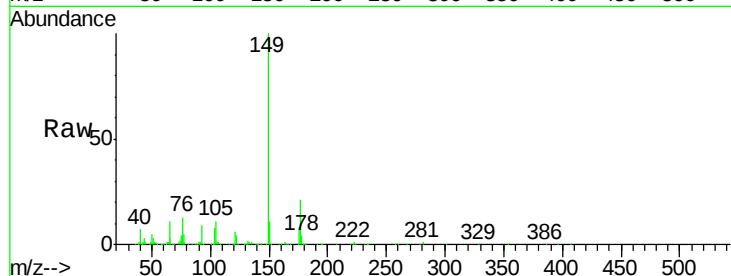
MDL-03-S-ML

Tgt Ion:	149	Resp:	149358
Ion Ratio	Lower	Upper	
149	100		
177	21.2	17.4	26.2
150	11.0	9.6	14.4

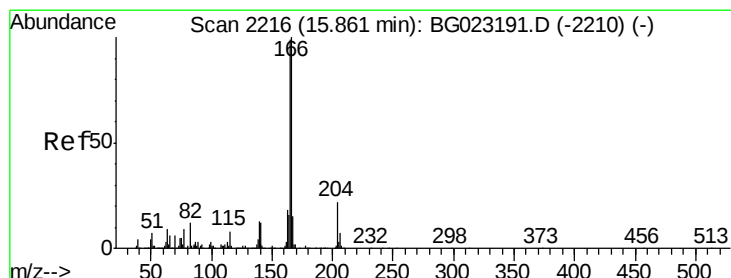
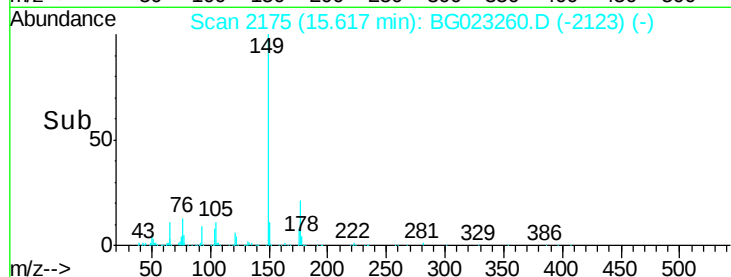
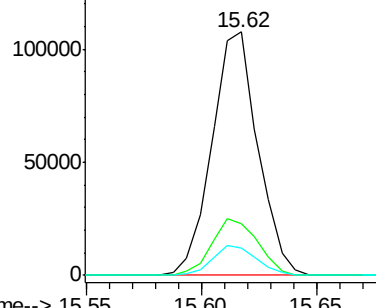
Manual Integrations

SOHIL

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 3.61 ng/ul

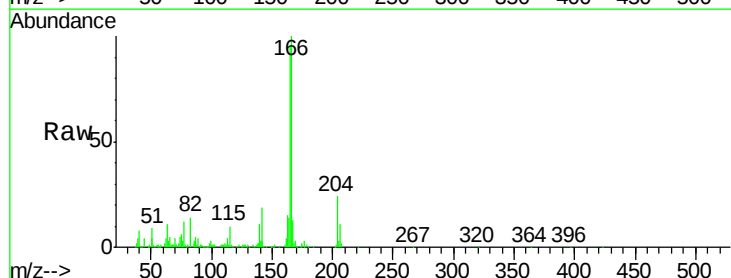
RT: 15.86 min Scan# 2216

Delta R.T. -0.00 min

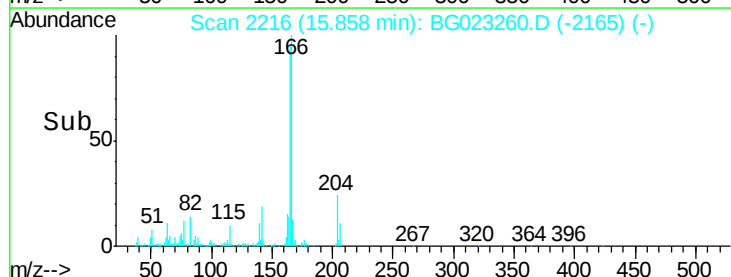
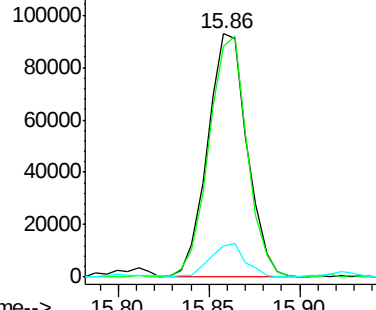
Lab File: BG023260.D

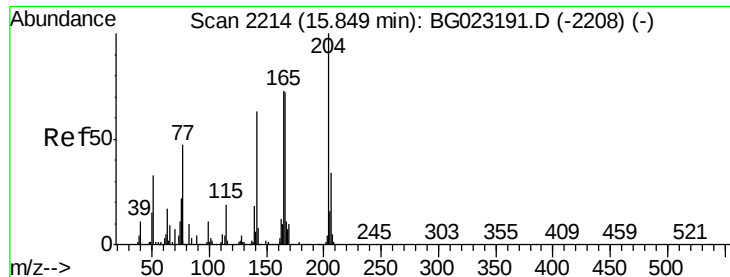
Acq: 25 Jul 2016 20:39

Tgt Ion:	166	Resp:	140632
Ion Ratio	Lower	Upper	
166	100		
165	95.0	80.3	120.5
167	12.7	10.3	15.5



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





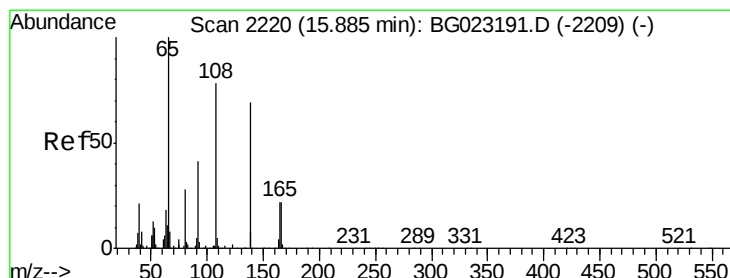
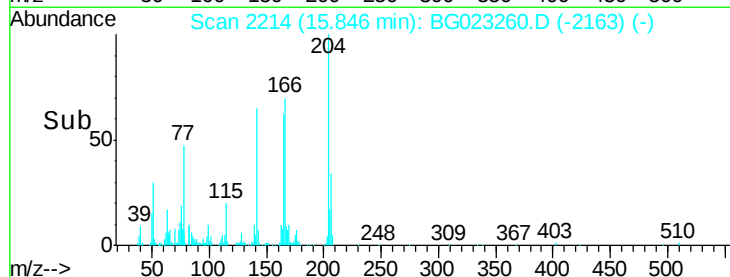
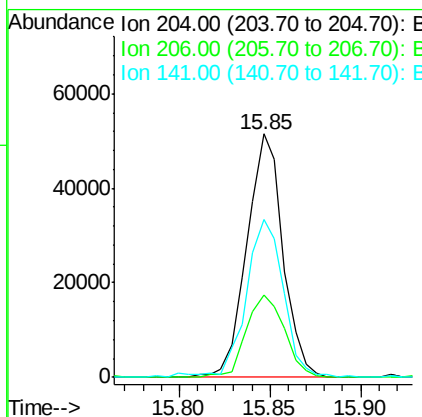
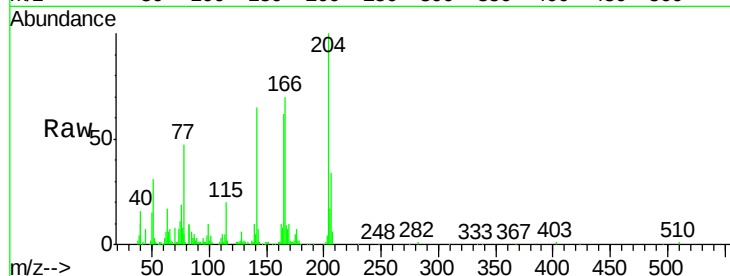
#59
 4-Chlorophenyl-phenylether
 Concen: 3.32 ng/ul
 RT: 15.85 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG023260.D
 Acq: 25 Jul 2016 20:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.4	41.2
141	64.9	47.1	70.7

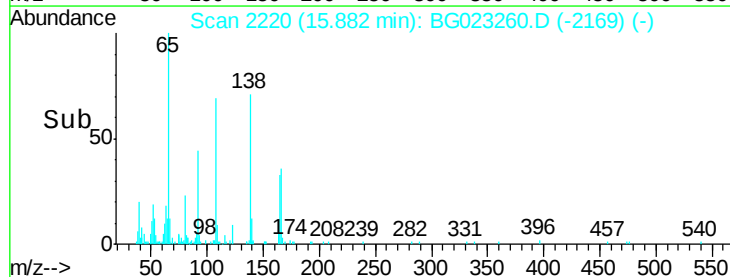
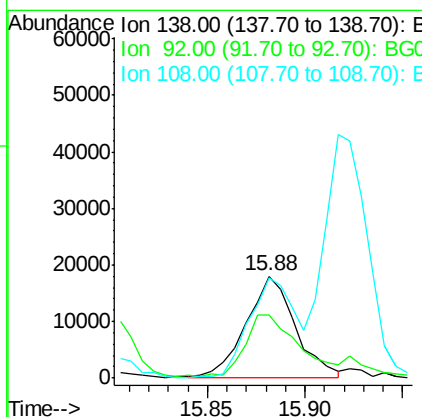
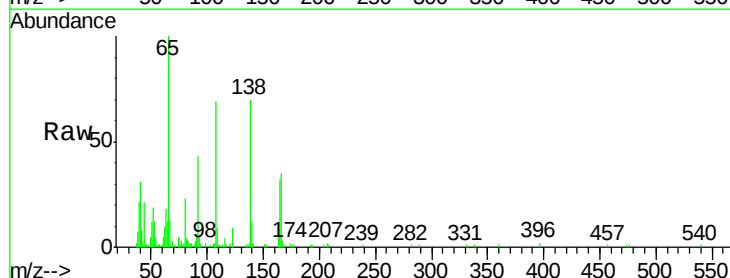
Manual Integrations

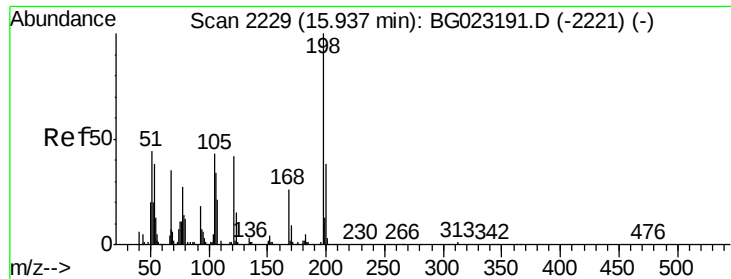
SOHIL
 7/26/2016 11:41:03 AM



#60
 4-Nitroaniline
 Concen: 3.33 ng/ul
 RT: 15.88 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG023260.D
 Acq: 25 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.8	39.0	58.4#
108	98.2	49.2	73.8#





#63

4,6-Dinitro-2-methylphenol

Concen: 3.25 ng/ul

RT: 15.93 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Instrument :

BNA_G

ClientSampleId :

MDL-03-S-ML

Tgt Ion:198 Resp: 27457

Ion Ratio Lower Upper

198 100

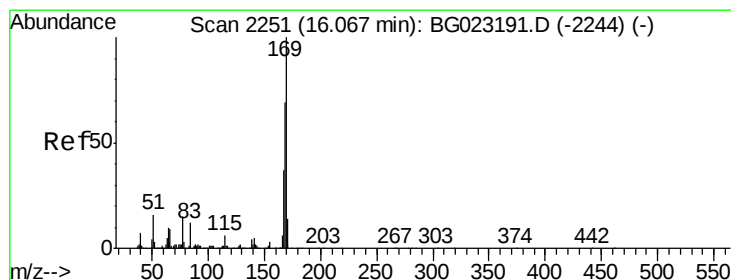
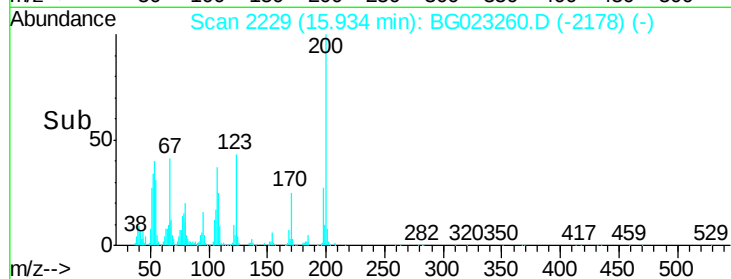
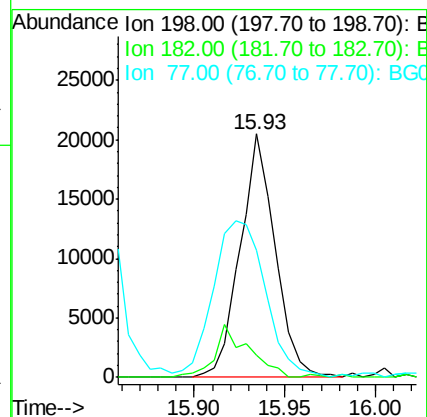
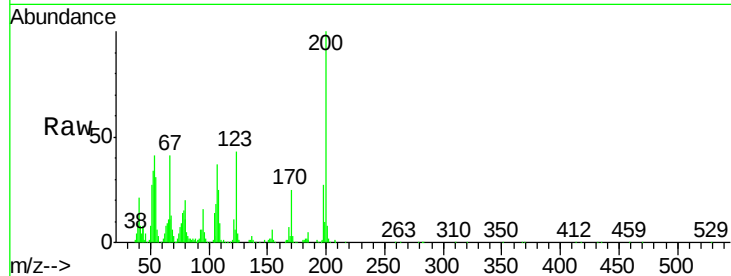
182 8.9 4.2 6.2#

77 52.4 16.7 25.1#

Manual Integrations

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#64

N-Nitrosodiphenylamine

Concen: 3.51 ng/ul

RT: 16.06 min Scan# 2251

Delta R.T. -0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

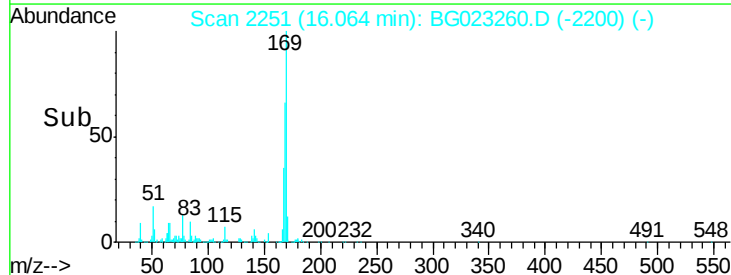
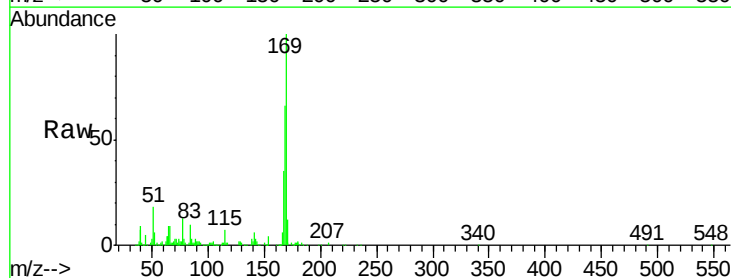
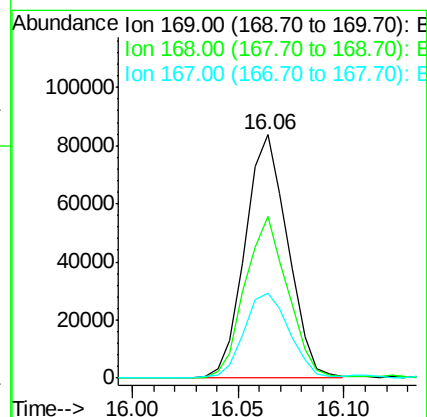
Tgt Ion:169 Resp: 117607

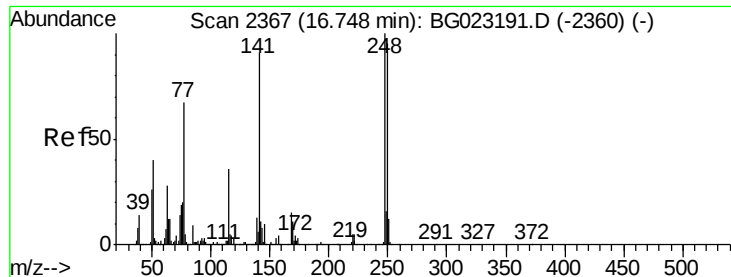
Ion Ratio Lower Upper

169 100

168 66.3 59.0 88.6

167 35.1 30.6 46.0





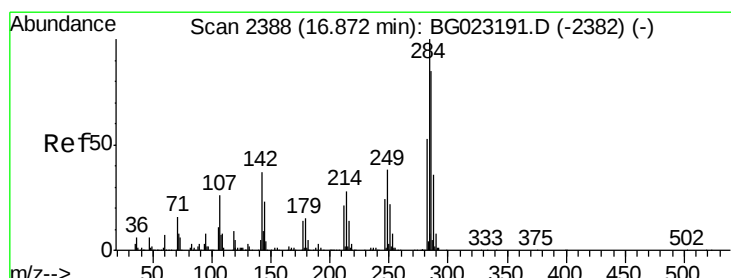
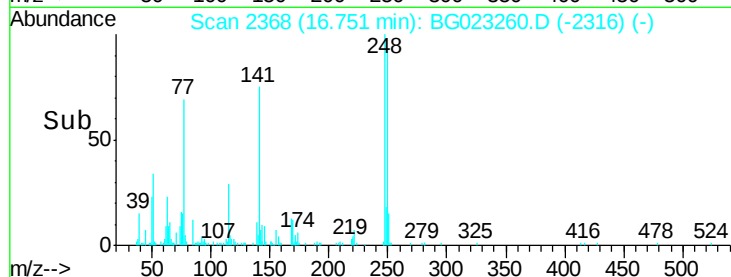
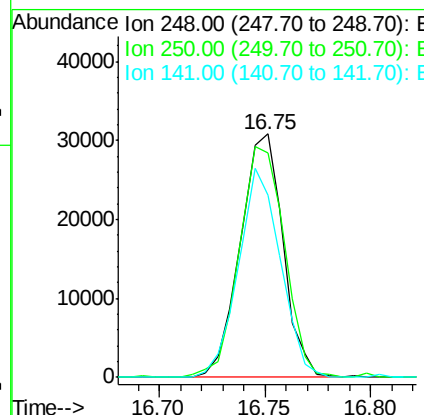
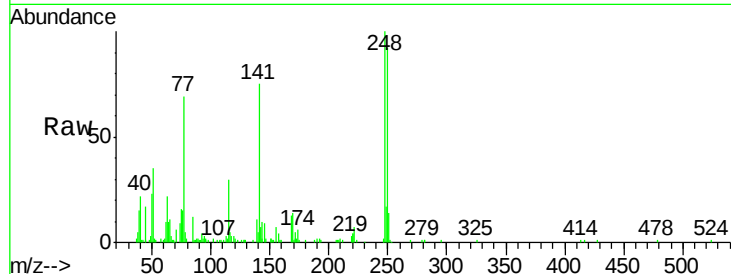
#65
4-Bromophenyl-phenylether
Concen: 3.24 ng/ul
RT: 16.75 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

Tgt Ion:248 Resp: 43283
Ion Ratio Lower Upper
248 100
250 92.0 76.6 114.8
141 75.0 61.8 92.6

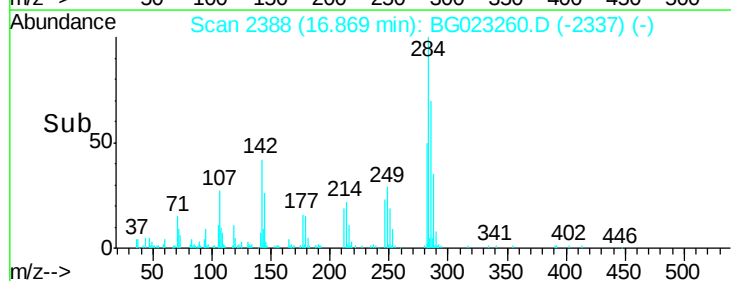
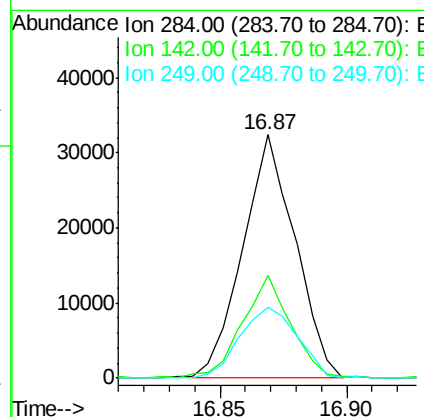
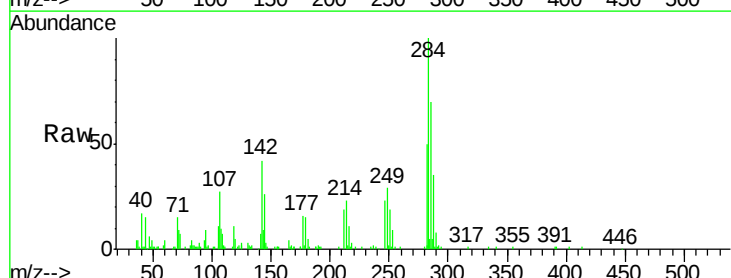
Manual Integrations

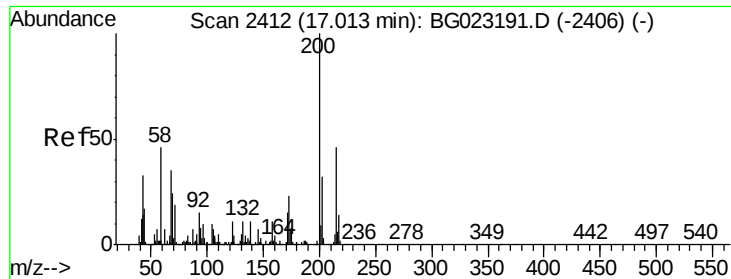
SOHIL
7/26/2016 11:41:03 AM



#66
Hexachlorobenzene
Concen: 3.39 ng/ul
RT: 16.87 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Tgt Ion:284 Resp: 46401
Ion Ratio Lower Upper
284 100
142 39.9 27.8 41.8
249 27.8 24.4 36.6





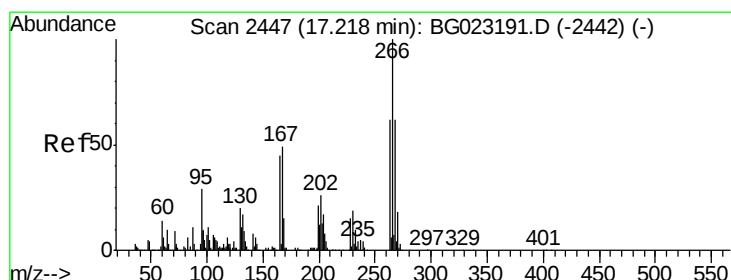
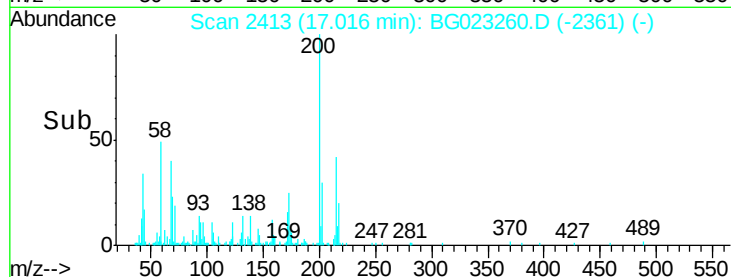
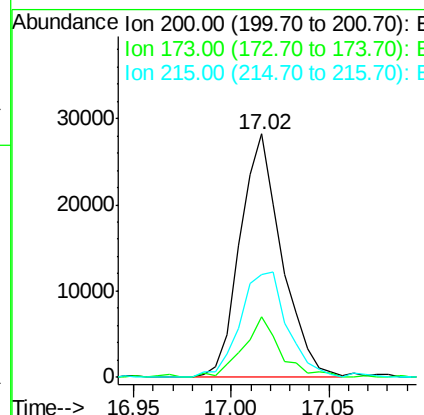
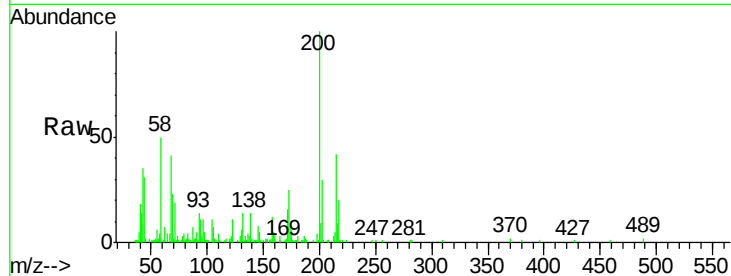
#67
Atrazine
Concen: 2.92 ng/ul
RT: 17.02 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.6	21.0	31.6
215	42.4	37.9	56.9

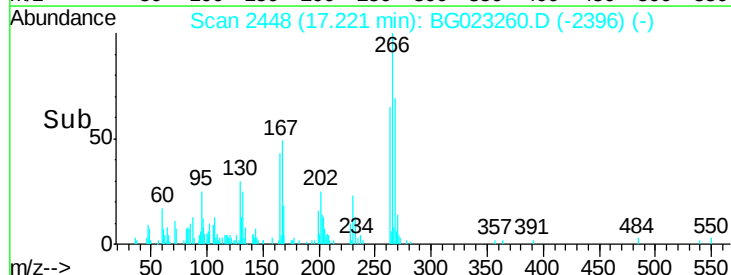
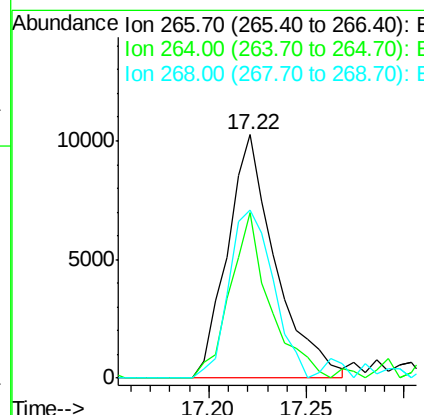
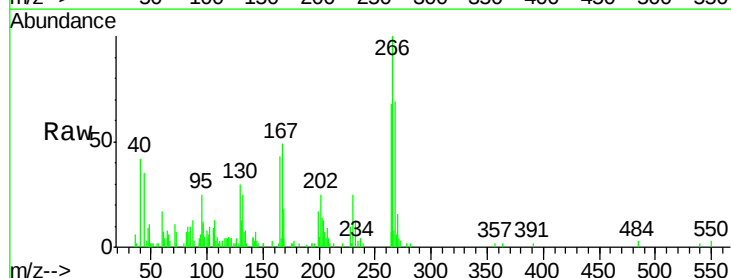
Manual Integrations

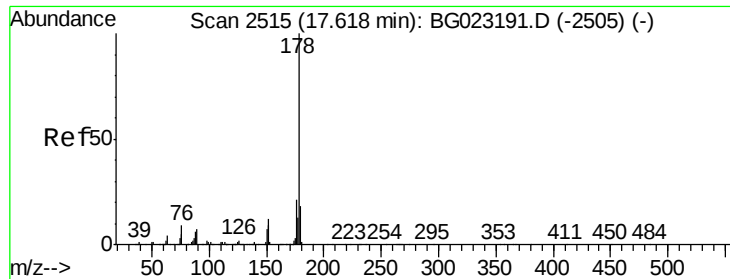
SOHIL
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#68
Pentachlorophenol
Concen: 2.06 ng/ul
RT: 17.22 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
266	100		
264	75.2	54.7	82.1
268	68.8	57.8	86.8





#69

Phenanthrene

Concen: 3.73 ng/ul

RT: 17.61 min Scan# 2515

Delta R.T. -0.00 min

Lab File: BG023260.D

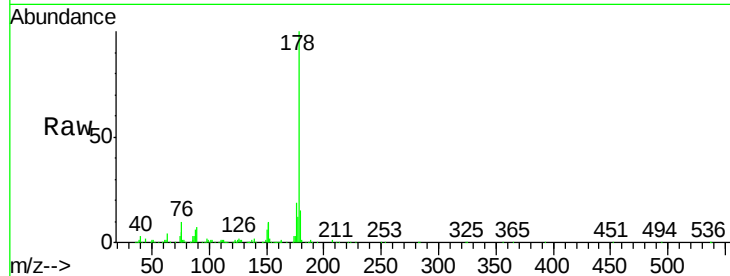
Acq: 25 Jul 2016 20:39

Instrument :

BNA_G

ClientSampleId :

MDL-03-S-ML

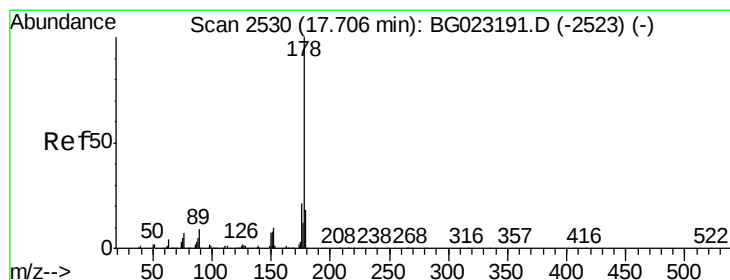
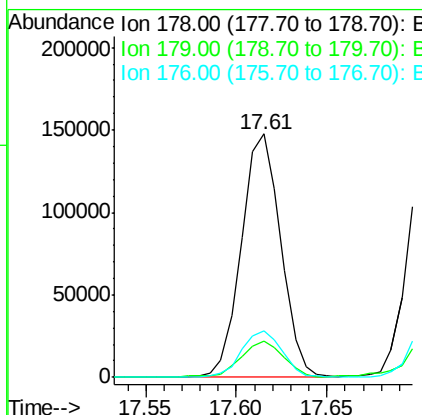
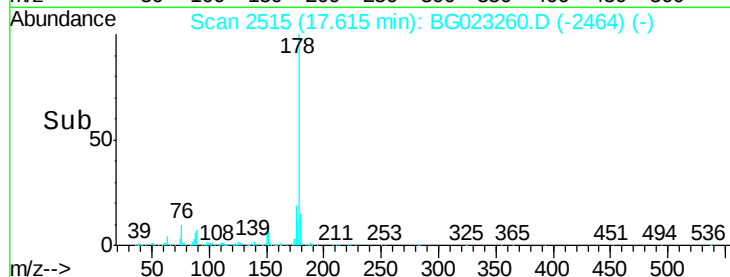


Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.9	19.3
176	19.0	15.8	23.8

Manual Integrations

SOHIL

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#71

Anthracene

Concen: 3.85 ng/ul

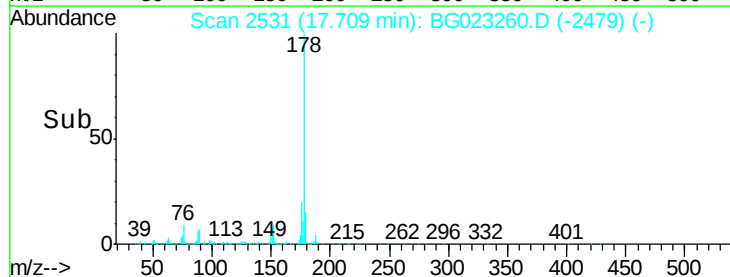
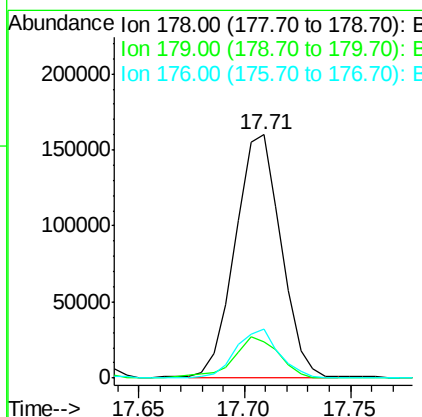
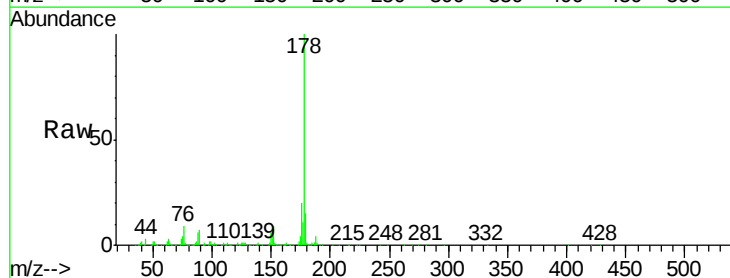
RT: 17.71 min Scan# 2531

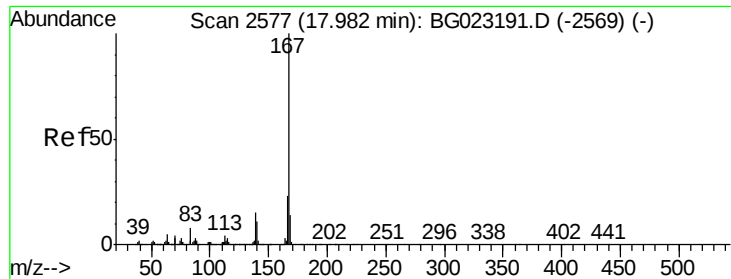
Delta R.T. 0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	20.3	16.3	24.5





#72

Carbazole

Concen: 3.85 ng/ul

RT: 17.98 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Instrument :

BNA_G

ClientSampleId :

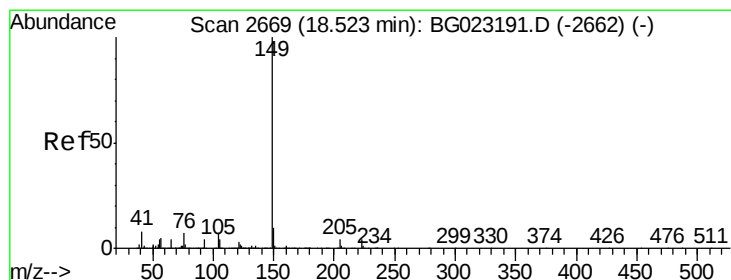
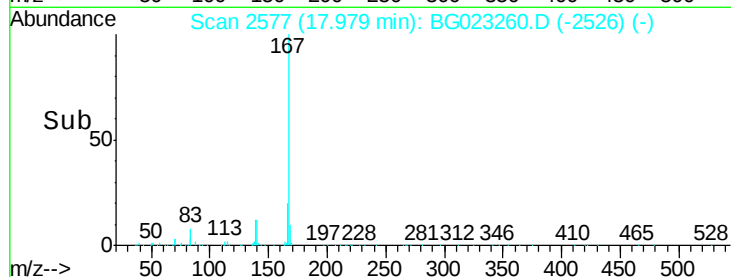
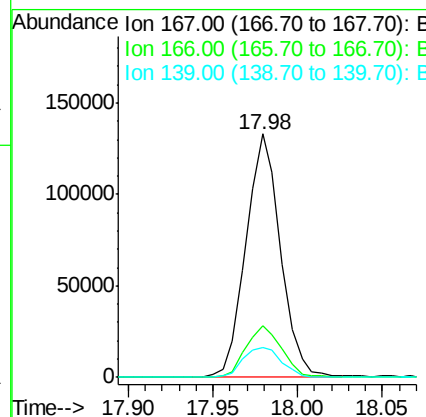
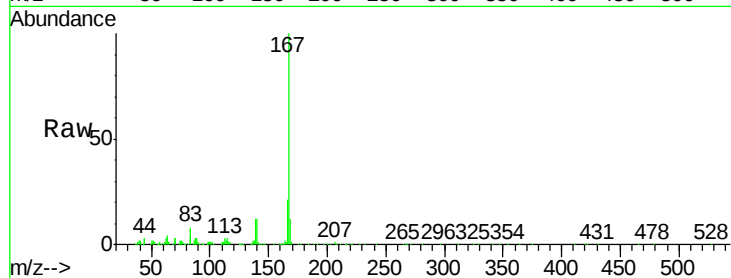
MDL-03-S-ML

Tgt Ion:	167	Resp:	189859
Ion Ratio	Lower	Upper	
167	100		
166	21.0	19.2	28.8
139	12.1	10.2	15.4

Manual Integrations

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#73

Di-n-butylphthalate

Concen: 3.54 ng/ul

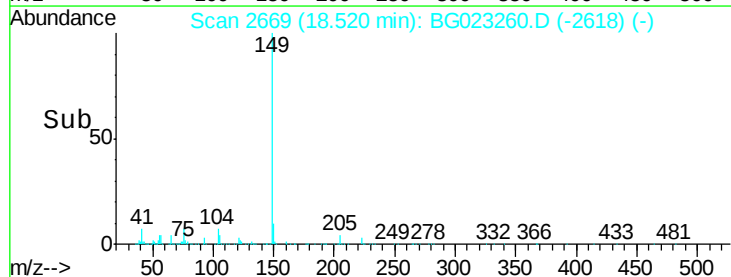
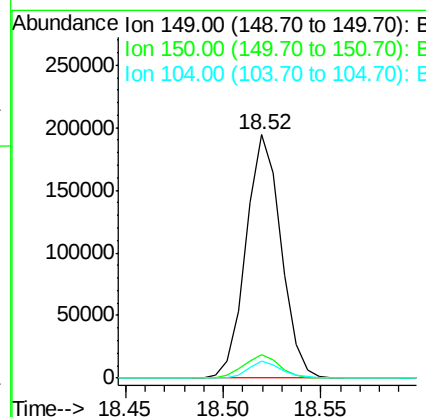
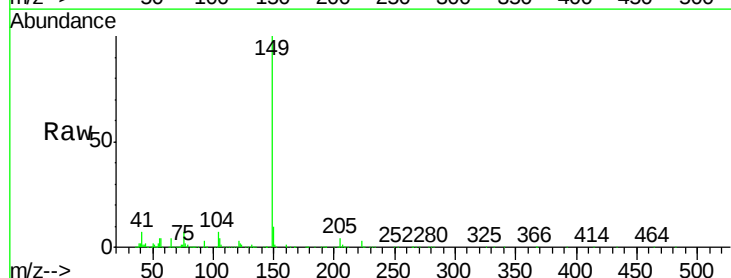
RT: 18.52 min Scan# 2669

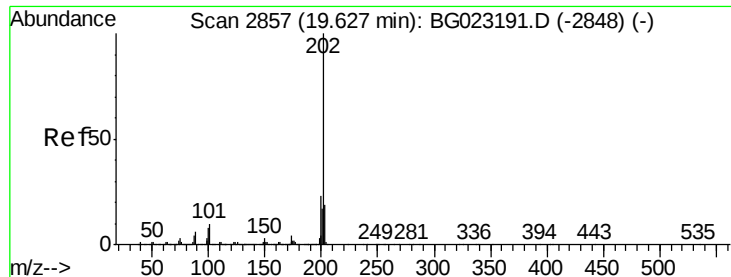
Delta R.T. -0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Tgt Ion:	149	Resp:	241793
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.1	10.7
104	7.0	3.3	4.9





#74

Fluoranthene

Concen: 4.33 ng/ul

RT: 19.62 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Instrument :

BNA_G

ClientSampleId :

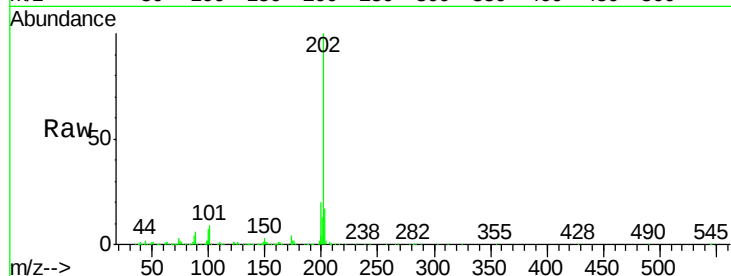
MDL-03-S-ML

Tgt	Ion	Ratio	Lower	Upper
202	100			
101	8.8	10.6	16.0#	
100	7.1	8.7	13.1#	

Manual Integrations

SOHIL

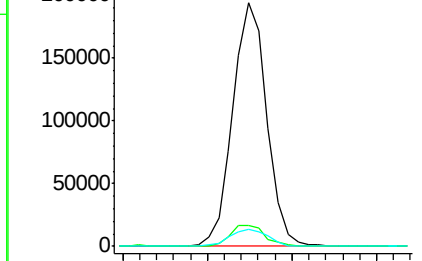
7/26/2016 11:41:03 AM



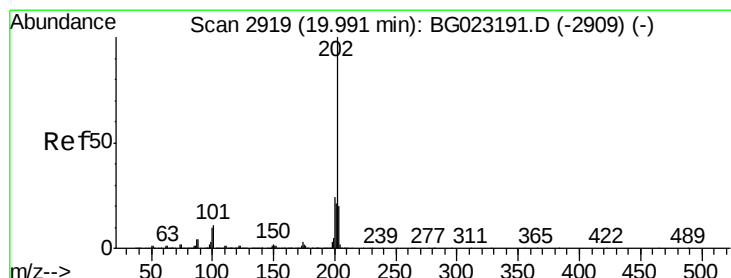
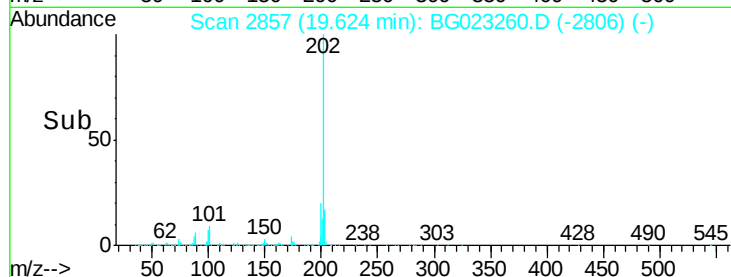
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time--> 19.55 19.60 19.65 19.70



#77

Pyrene

Concen: 3.92 ng/ul

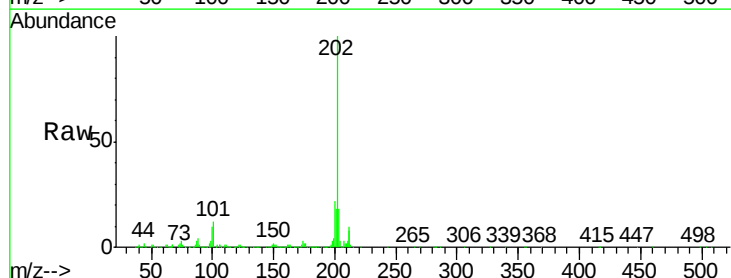
RT: 19.99 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

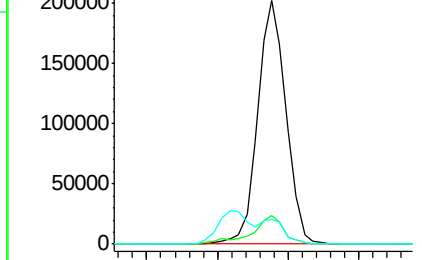
Tgt	Ion	Ratio	Lower	Upper
202	100			
101	11.6	12.5	18.7#	
100	10.2	10.2	15.4#	



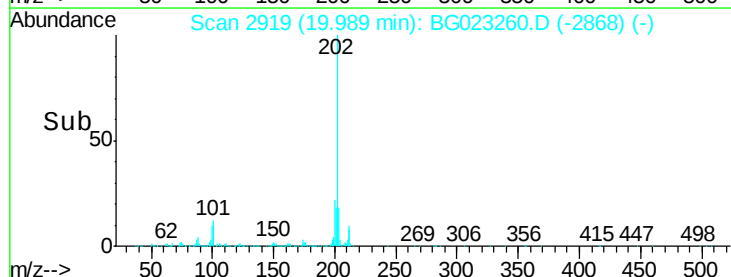
Abundance Ion 202.00 (201.70 to 202.70): E

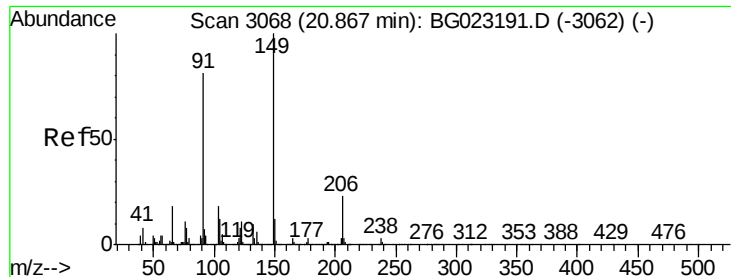
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time--> 19.90 19.95 20.00 20.05





#78

Butylbenzylphthalate

Concen: 3.23 ng/ul

RT: 20.87 min Scan# 3069

Delta R.T. 0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Instrument :

BNA_G

ClientSampleId :

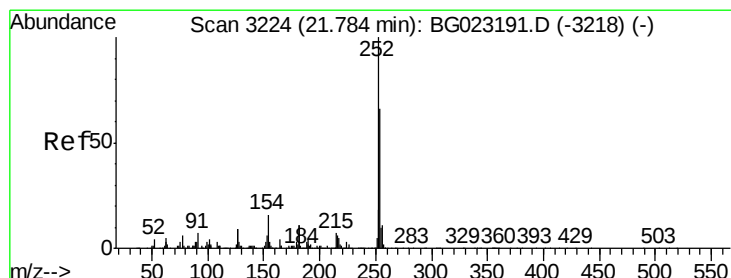
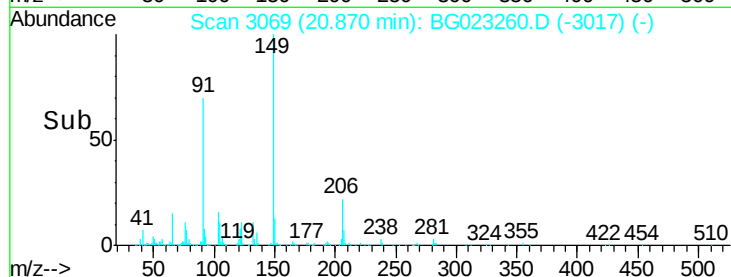
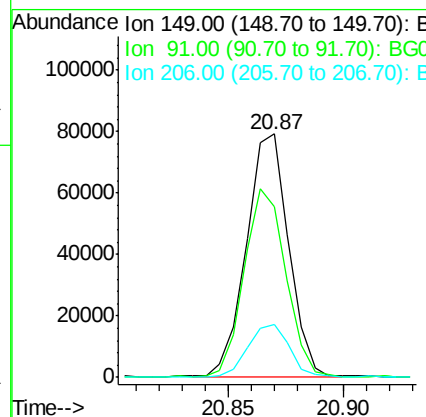
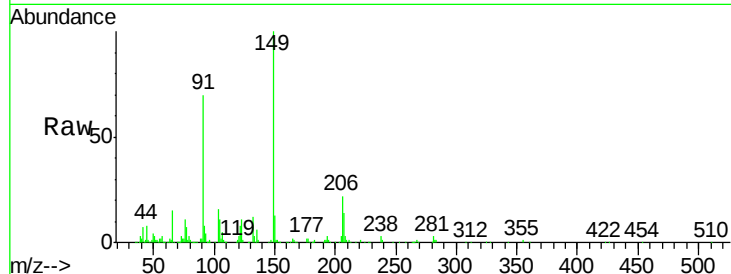
MDL-03-S-ML

Tgt Ion:	149	Resp:	102110
Ion Ratio	Lower	Upper	
149	100		
91	70.2	54.2	81.4
206	21.5	14.1	21.1#

Manual Integrations

SOHIL

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#79

3,3'-Dichlorobenzidine

Concen: 2.89 ng/ul

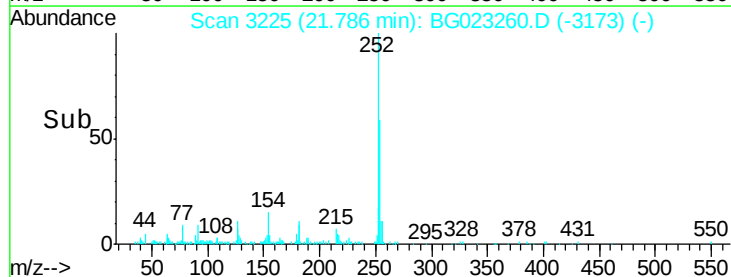
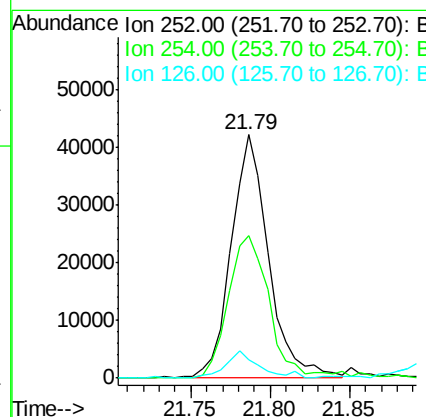
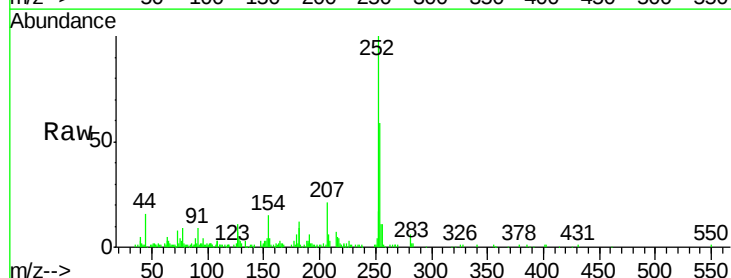
RT: 21.79 min Scan# 3225

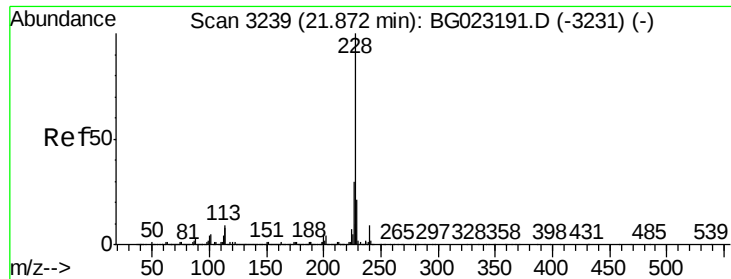
Delta R.T. 0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Tgt Ion:	252	Resp:	68981
Ion Ratio	Lower	Upper	
252	100		
254	58.7	51.4	77.2
126	7.3	10.7	16.1#





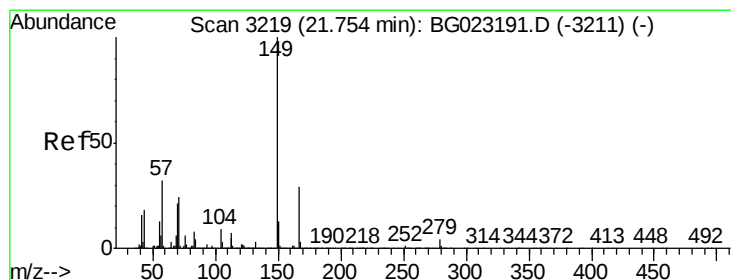
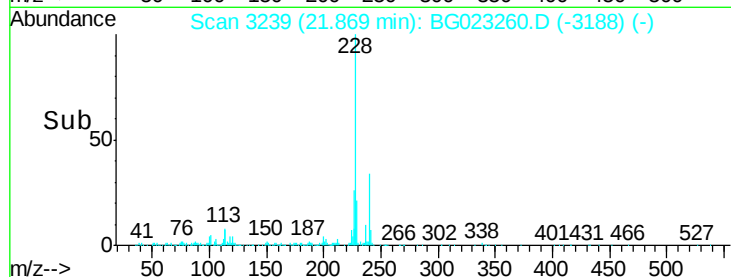
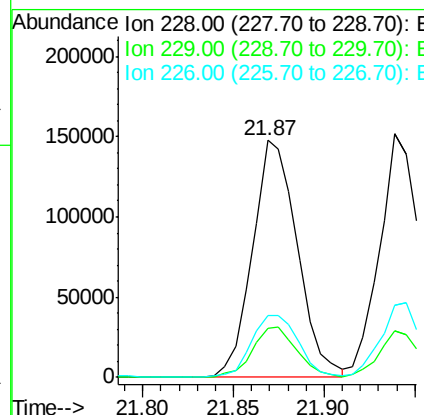
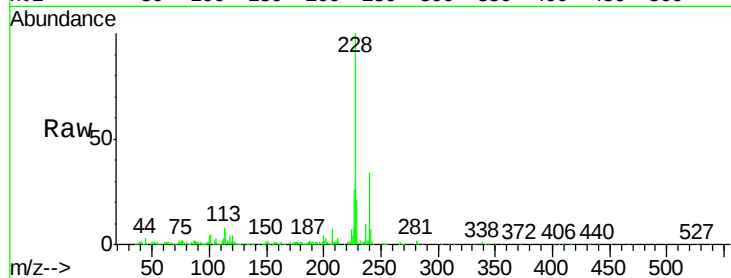
#80
Benzo(a)anthracene
Concen: 3.58 ng/ul
RT: 21.87 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.2
226	25.9	22.8	34.2

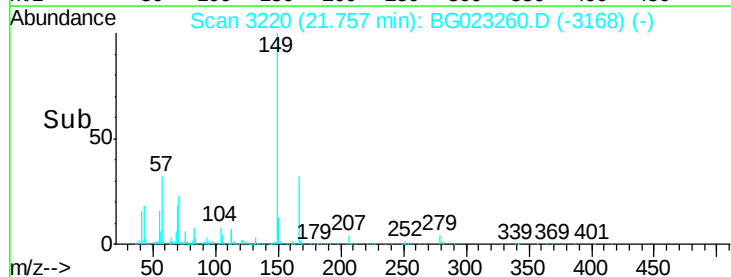
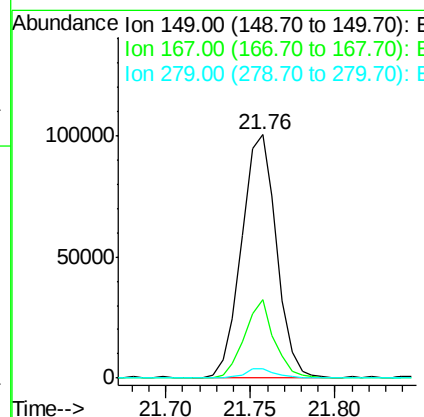
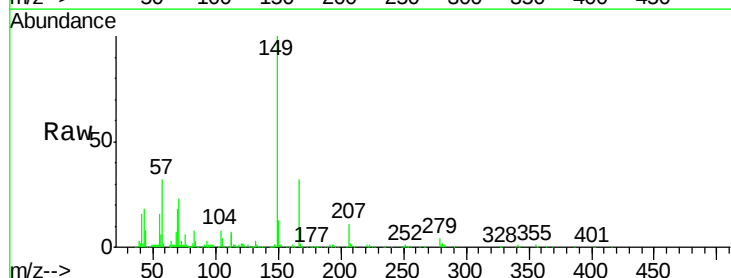
Manual Integrations

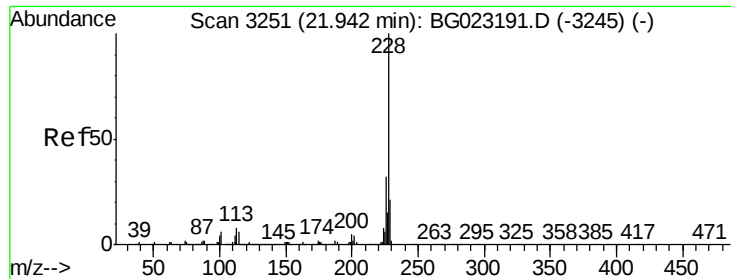
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#81
Bis(2-ethylhexyl)phthalate
Concen: 3.35 ng/ul
RT: 21.76 min Scan# 3220
Delta R.T. 0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.2	21.9	32.9
279	3.8	2.9	4.3





#82

Chrysene

Concen: 3.72 ng/ul

RT: 21.94 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Instrument :

BNA_G

ClientSampleId :

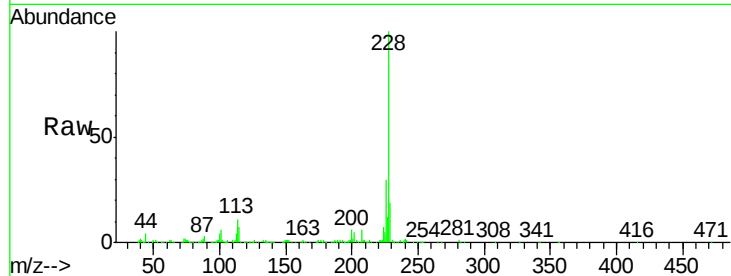
MDL-03-S-ML

Tgt Ion:	228	Resp:	240033
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.2	36.4
229	19.2	15.0	22.6

Manual Integrations

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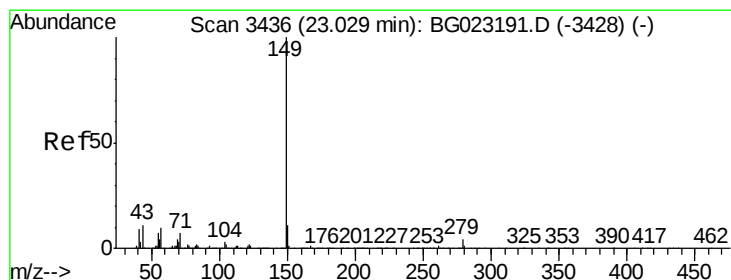
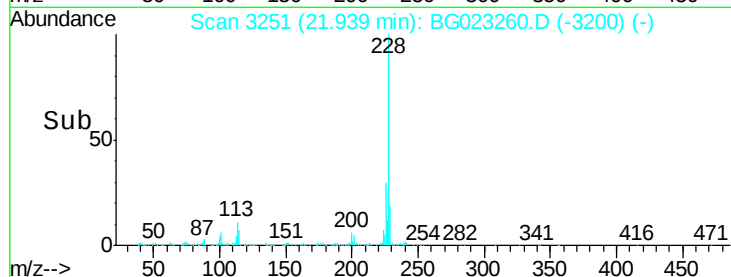
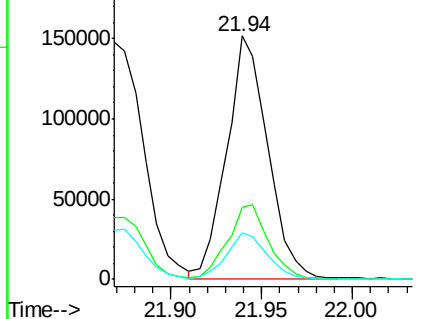
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 3.62 ng/ul

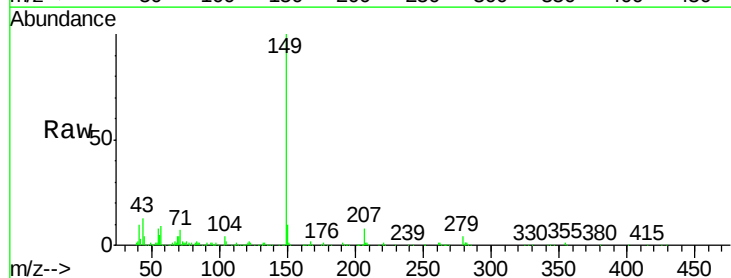
RT: 23.03 min Scan# 3437

Delta R.T. 0.00 min

Lab File: BG023260.D

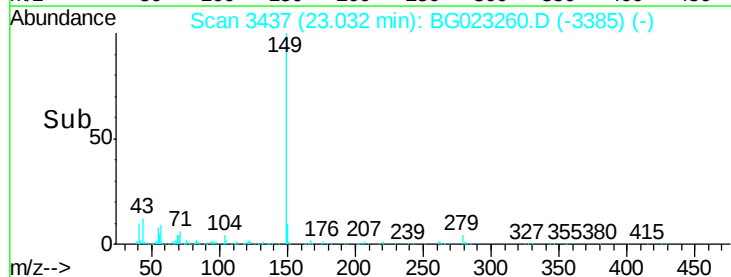
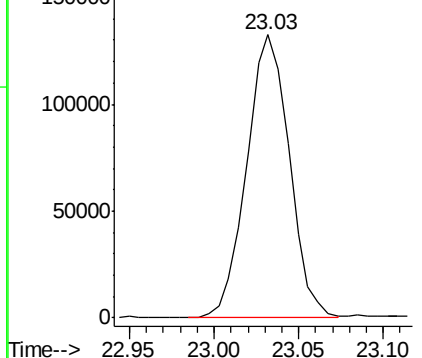
Acq: 25 Jul 2016 20:39

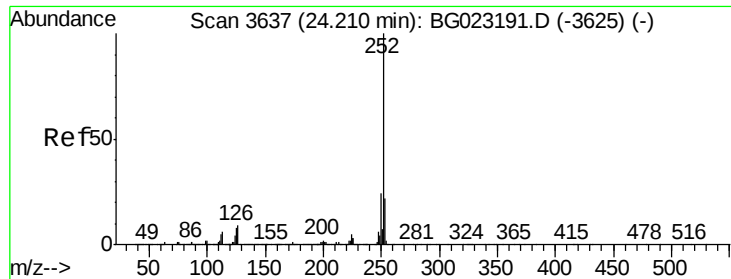
Tgt Ion:149 Resp: 232342



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 3.44 ng/ul

RT: 24.21 min Scan# 3637

Delta R.T. -0.00 min

Lab File: BG023260.D

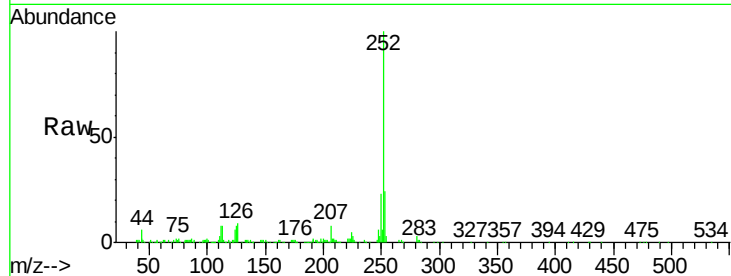
Acq: 25 Jul 2016 20:39

Instrument :

BNA_G

ClientSampleId :

MDL-03-S-ML

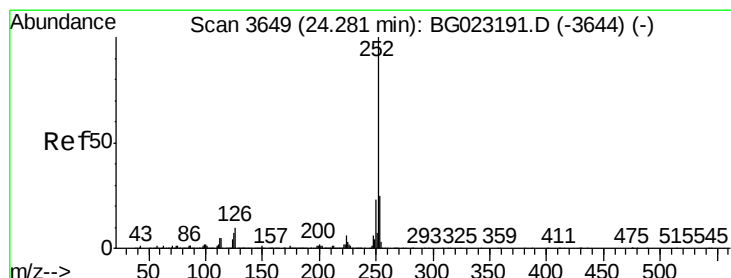
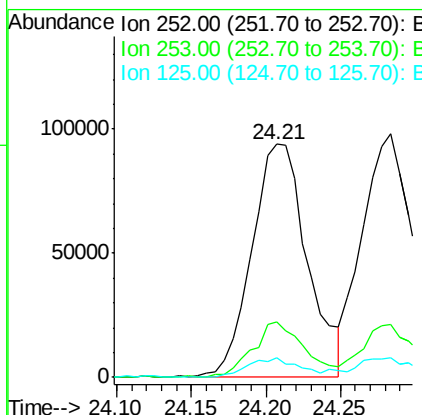
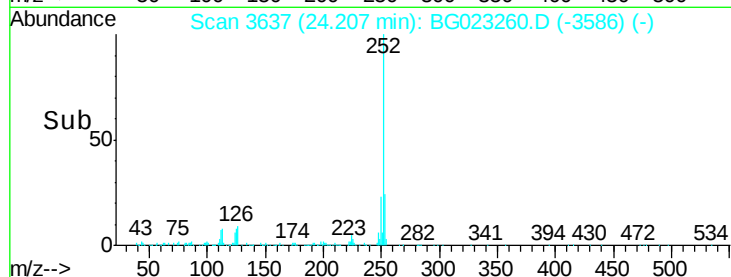


Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	8.1	10.8	16.2

Manual Integrations

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#86

Benzo(k)fluoranthene

Concen: 3.54 ng/ul

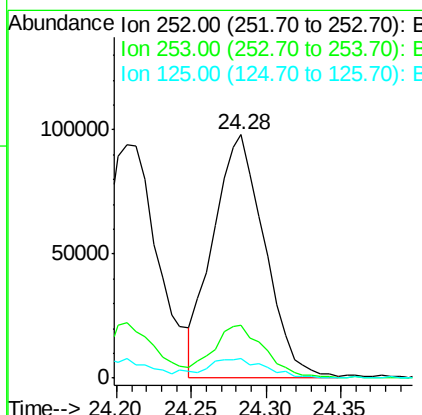
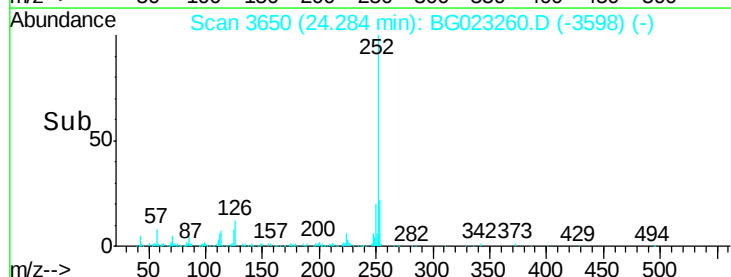
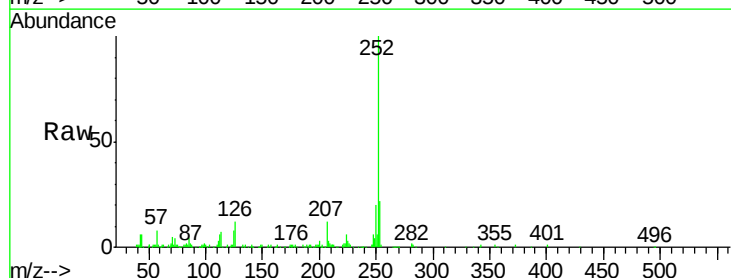
RT: 24.28 min Scan# 3650

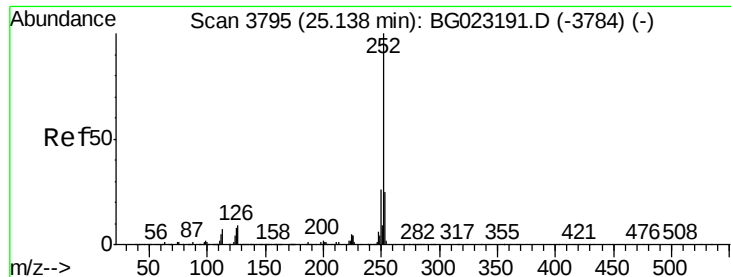
Delta R.T. 0.00 min

Lab File: BG023260.D

Acq: 25 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	15.8	23.6
125	7.9	10.6	16.0





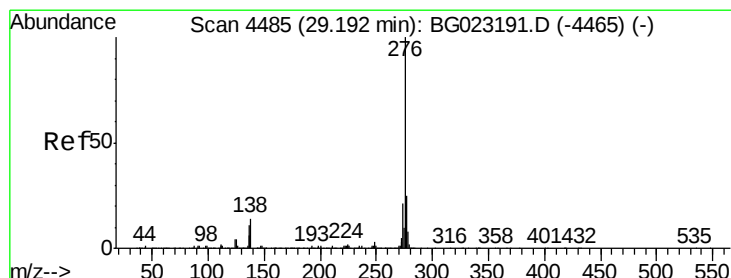
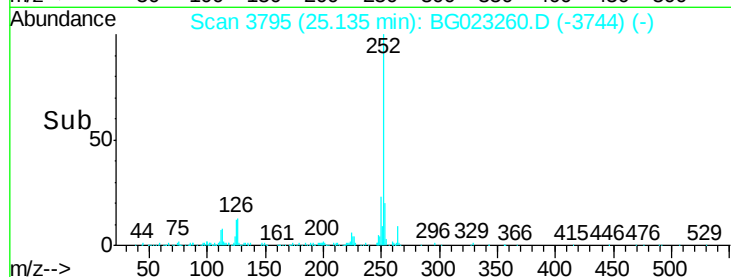
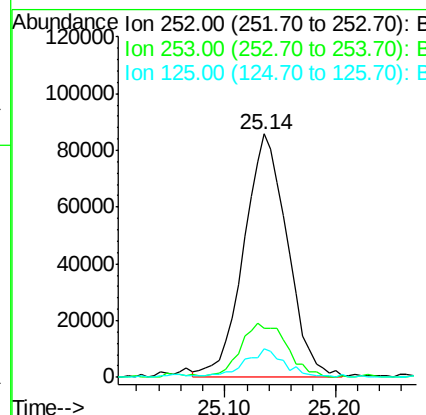
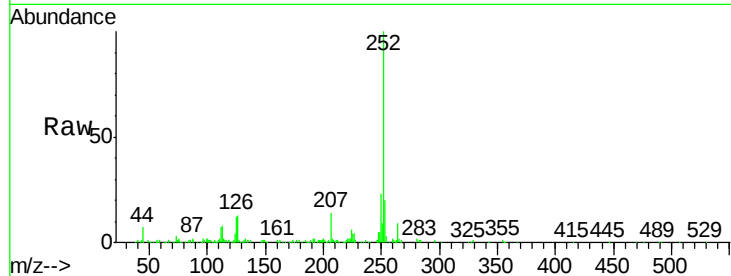
#88
Benzo(a)pyrene
Concen: 3.53 ng/ul
RT: 25.14 min Scan# 3795
Delta R.T. -0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.3	19.0	28.4
125	11.6	12.0	18.0#

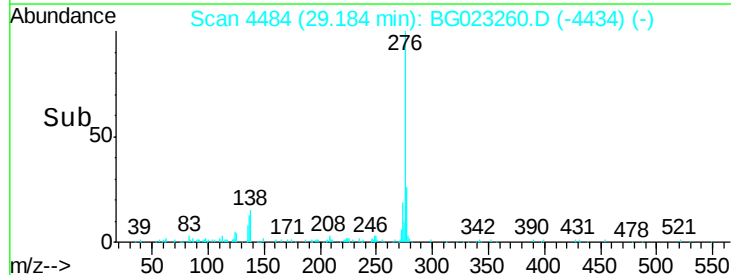
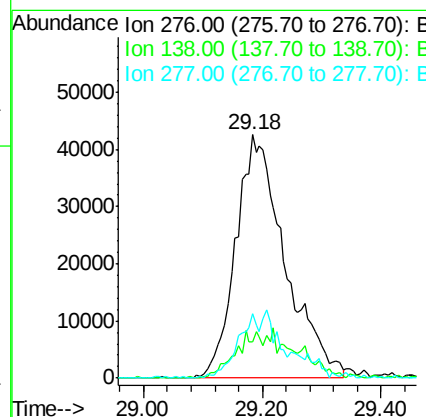
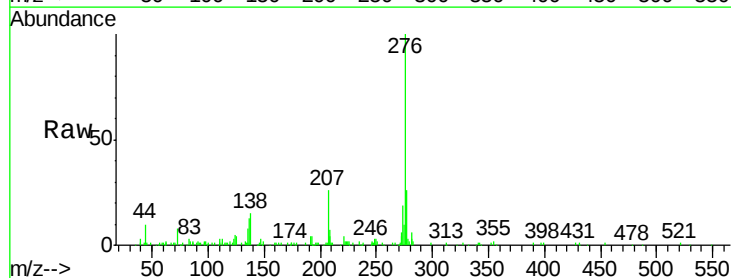
Manual Integrations

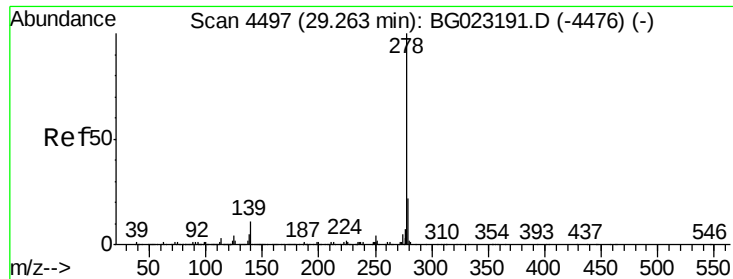
APPROVED
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.23 ng/ul m
RT: 29.18 min Scan# 4484
Delta R.T. -0.01 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.8	20.8	31.2#
277	26.3	17.6	26.4





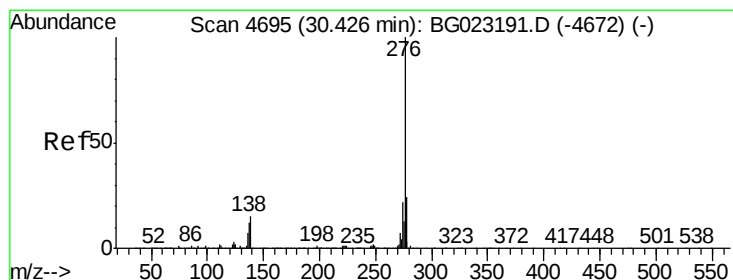
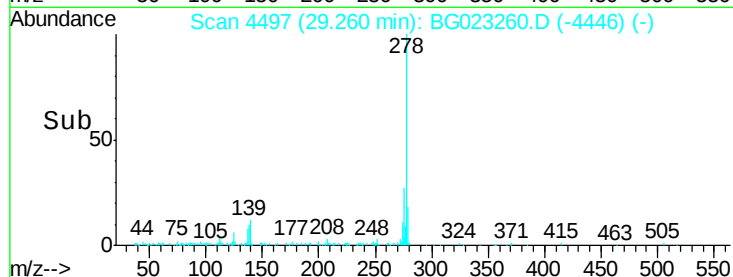
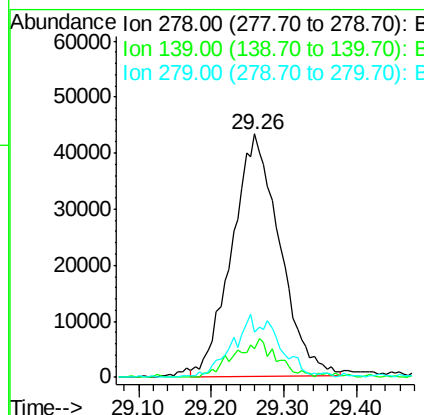
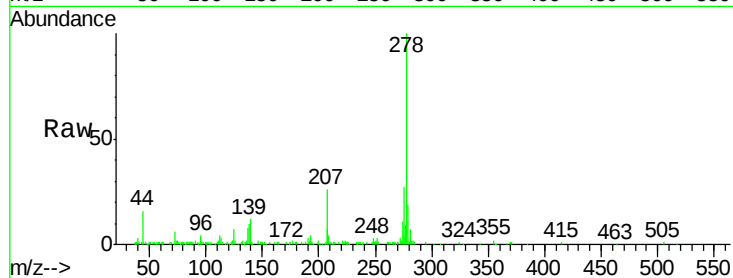
#90
Dibenzo(a,h)anthracene
Concen: 3.17 ng/ul
RT: 29.26 min Scan# 4497
Delta R.T. -0.00 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.9	16.3	24.5#
279	18.6	19.1	28.7#

Manual Integrations

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#91
Benzo(g,h,i)perylene
Concen: 3.24 ng/ul
RT: 30.41 min Scan# 4693
Delta R.T. -0.01 min
Lab File: BG023260.D
Acq: 25 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	22.1	33.1#
277	20.6	17.0	25.4

