

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
 Data File : BG023199.D
 Acq On : 20 Jul 2016 22:34
 Operator : UM/SJ
 Sample : MDL-07-W
 Misc : MDL 4PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-W

Manual Integrations

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 7/21/2016 1:51:00 PM

Quant Time: Jul 21 10:35:43 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	8.13	152	150481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	704937	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	527277	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1312962m	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1390149	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1379453	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	7969	2.39	ng/uL	0.00
5) Phenol-d5	7.29	99	369140	23.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	268047	26.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	252484	24.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	291781	24.17	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	145911	25.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	165797	25.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	285660	23.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	422967	33.00	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1210073	27.60	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1313175	26.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	214491	27.73	ng/ul	0.00
57) Fluorene-d10	15.80	176	1053239	26.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	233117m	25.80	ng/ul	0.00
70) Anthracene-d10	17.67	188	1669429	27.16	ng/ul	0.00
76) Pyrene-d10	19.96	212	1962068	27.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1813255	28.00	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.53	88	2417m	0.68	ng/uL
4) Benzaldehyde	7.27	77	25566	2.65	ng/ul# 74
6) Phenol	7.32	94	30907	1.91	ng/ul# 59
8) Bis(2-Chloroethyl)ether	7.55	93	28288	2.33	ng/ul# 89
10) 2-Chlorophenol	7.70	128	20545	1.92	ng/ul# 67
11) 2-Methylphenol	8.59	108	22136m	1.86	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.68	45	34292	2.09	ng/ul# 93
14) Acetophenone	8.97	105	45692	2.18	ng/ul# 71
15) N-Nitroso-di-n-propylamine	8.94	70	28550	2.06	ng/ul# 80
16) 4-Methylphenol	8.92	108	26137	1.97	ng/ul 93
17) Hexachloroethane	9.23	117	10423	2.06	ng/ul 96
20) Nitrobenzene	9.36	77	39529	2.17	ng/ul# 85
21) Isophorone	9.88	82	76346	2.20	ng/ul# 97
23) 2-Nitrophenol	10.08	139	14811	2.11	ng/ul# 62
24) 2,4-Dimethylphenol	10.13	107	31195	1.93	ng/ul# 77
25) Bis(2-Chloroethoxy)methane	10.37	93	40963	2.13	ng/ul# 93
27) 2,4-Dichlorophenol	10.62	162	24354	1.99	ng/ul 95
28) Naphthalene	11.03	128	77712	2.19	ng/ul 96
30) 4-Chloroaniline	11.14	127	32004	2.42	ng/ul 97
31) Hexachlorobutadiene	11.31	225	18040	1.83	ng/ul# 86
32) Caprolactam	11.92	113	10134m	1.99	ng/ul
33) 4-Chloro-3-methylphenol	12.26	107	34261	2.13	ng/ul# 72
34) 2-Methylnaphthalene	12.63	142	63056	2.15	ng/ul 89

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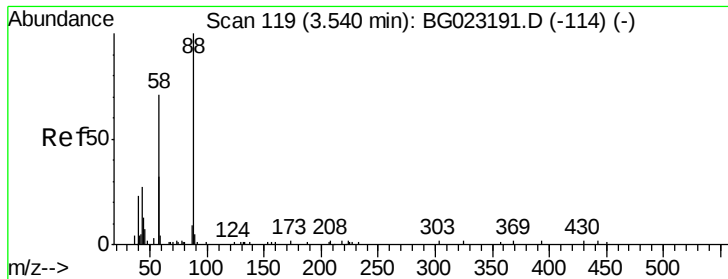
Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	37219	2.12	ng/ul	94
37) Hexachlorocyclopentadiene	12.97	237	19554	1.71	ng/ul#	77
38) 2,4,6-Trichlorophenol	13.24	196	24099	1.98	ng/ul	95
39) 2,4,5-Trichlorophenol	13.32	196	24958	2.01	ng/ul	97
40) 1,1'-Biphenyl	13.63	154	86596	2.19	ng/ul	95
41) 2-Chloronaphthalene	13.68	162	70809	2.22	ng/ul#	92
42) 2-Nitroaniline	13.89	65	26531	1.87	ng/ul#	60
44) Dimethylphthalate	14.25	163	103169	2.32	ng/ul#	95
45) 2,6-Dinitrotoluene	14.38	165	19998	2.08	ng/ul#	66
47) Acenaphthylene	14.53	152	117024	2.32	ng/ul	98
48) 3-Nitroaniline	14.72	138	20688	2.51	ng/ul#	71
49) Acenaphthene	14.87	153	75089	2.20	ng/ul	99
50) 2,4-Dinitrophenol	14.93	184	6575	1.09	ng/ul#	42
52) 4-Nitrophenol	15.02	109	22626	2.46	ng/ul#	57
53) Dibenzofuran	15.21	168	115650	2.30	ng/ul	96
54) 2,4-Dinitrotoluene	15.17	165	30735	2.09	ng/ul#	55
55) 2,3,4,6-Tetrachlorophenol	15.43	232	25411	2.02	ng/ul#	89
56) Diethylphthalate	15.61	149	113684	2.41	ng/ul	98
58) Fluorene	15.86	166	95719	2.31	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.85	204	47602	2.09	ng/ul	95
60) 4-Nitroaniline	15.88	138	23892	2.36	ng/ul#	52
63) 4,6-Dinitro-2-methylphenol	15.94	198	24081m	2.52	ng/ul	
64) N-Nitrosodiphenylamine	16.06	169	86093	2.27	ng/ul	95
65) 4-Bromophenyl-phenylether	16.75	248	33016	2.19	ng/ul	92
66) Hexachlorobenzene	16.87	284	35970	2.32	ng/ul	96
67) Atrazine	17.01	200	37923m	2.34	ng/ul	
68) Pentachlorophenol	17.22	266	16011m	1.67	ng/ul	
69) Phenanthrene	17.61	178	171624m	2.54	ng/ul	
71) Anthracene	17.71	178	178254	2.52	ng/ul	97
72) Carbazole	17.98	167	150653	2.70	ng/ul	99
73) Di-n-butylphthalate	18.52	149	196256m	2.54	ng/ul	
74) Fluoranthene	19.63	202	208889m	2.94	ng/ul	
77) Pyrene	19.99	202	221697	2.62	ng/ul#	89
78) Butylbenzylphthalate	20.87	149	83650	2.28	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.78	252	69384	2.50	ng/ul#	95
80) Benzo(a)anthracene	21.87	228	208540	2.53	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.75	149	123848	2.47	ng/ul	98
82) Chrysene	21.94	228	190127	2.54	ng/ul	96
84) Di-n-octyl phthalate	23.03	149	203504	2.66	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	200585	2.39	ng/ul#	94
86) Benzo(k)fluoranthene	24.28	252	190941	2.40	ng/ul#	93
88) Benzo(a)pyrene	25.13	252	203060	2.54	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	29.18	276	198686	2.21	ng/ul#	84
90) Dibenzo(a,h)anthracene	29.25	278	169496	2.29	ng/ul#	87
91) Benzo(g,h,i)perylene	30.40	276	172800m	2.32	ng/ul	

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



#2

1,4-Dioxane

Concen: 0.68 ng/uL m

RT: 3.53 min Scan# 117

Delta R.T. -0.01 min

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Acq: 20 Jul 2016 22:34

Tgt Ion:	88	Resp:	2417
Ion Ratio	Lower	Upper	
88	100		
43	16.4	16.6	24.8#
58	58.5	47.2	70.8

Instrument :

BNA_G

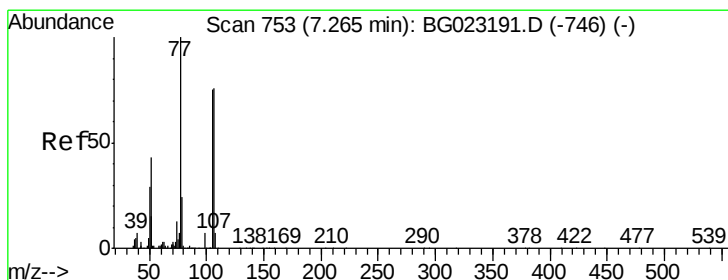
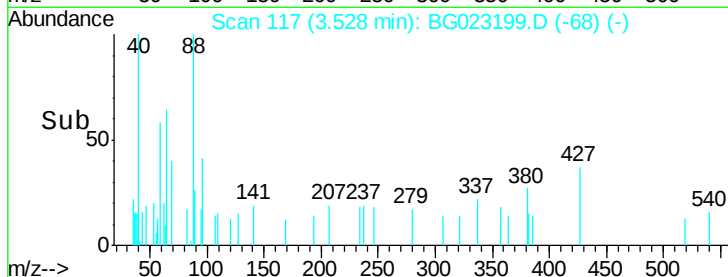
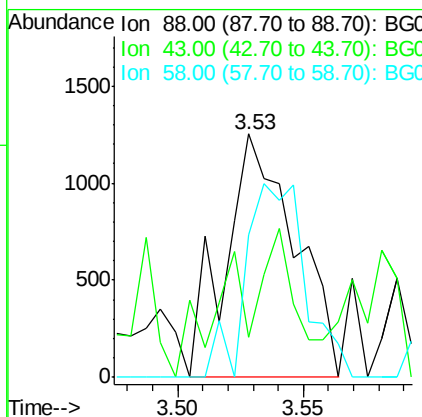
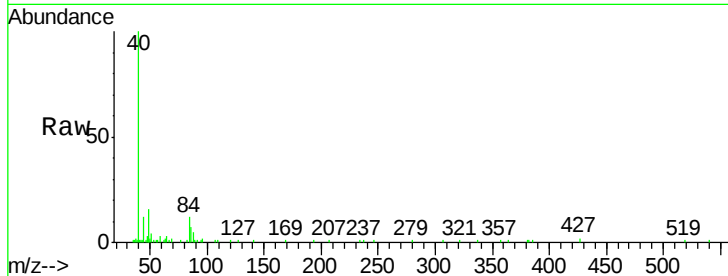
ClientSampleId :

MDL-07-W

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7/21/2016 1:51:00 PM



#4

Benzaldehyde

Concen: 2.65 ng/uL

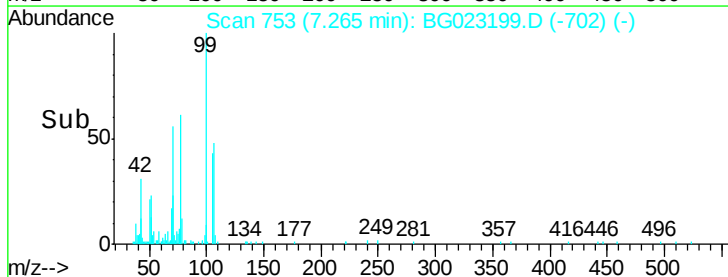
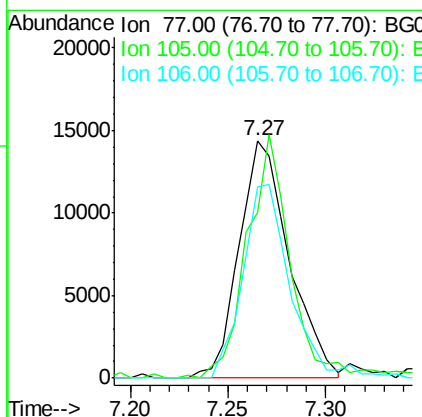
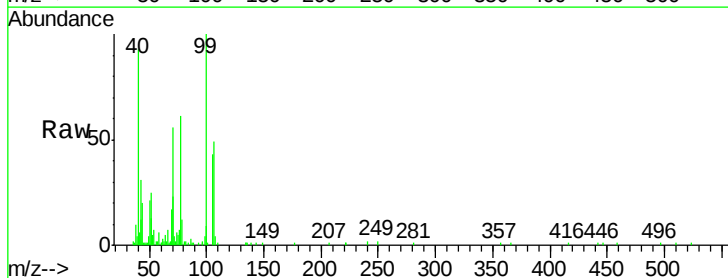
RT: 7.27 min Scan# 753

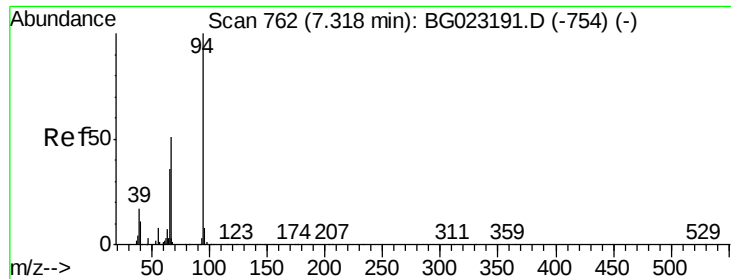
Delta R.T. 0.00 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Tgt Ion:	77	Resp:	25566
Ion Ratio	Lower	Upper	
77	100		
105	69.9	83.8	125.8#
106	80.5	77.9	116.9





#6

Phenol

Concen: 1.91 ng/ul

RT: 7.32 min Scan# 762

Delta R.T. 0.00 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Instrument :

BNA_G

ClientSampleId :

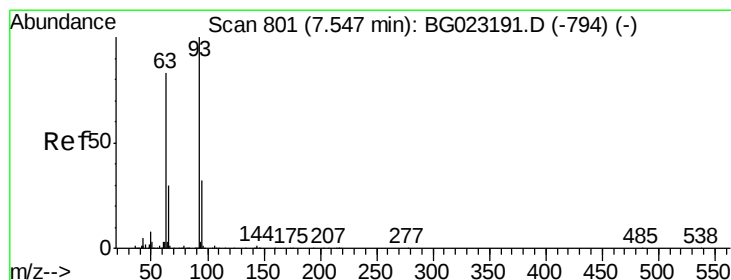
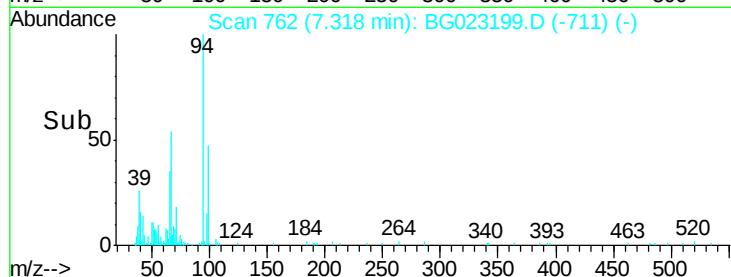
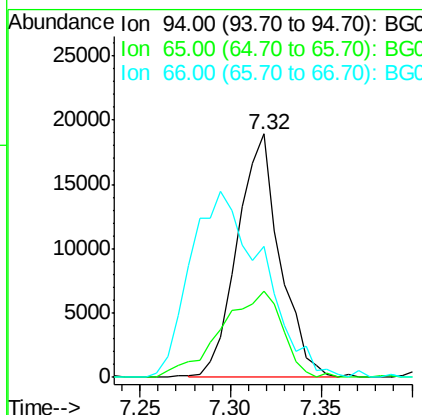
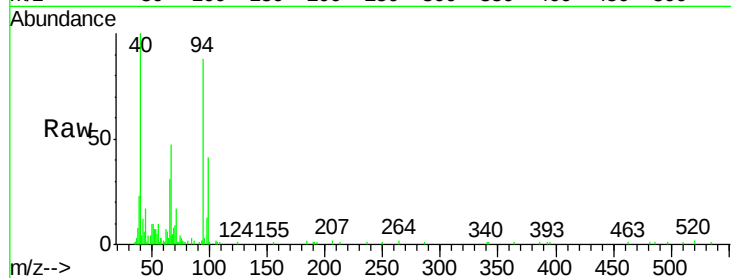
MDL-07-W

Tgt Ion:	94	Resp:	30907
Ion	Ratio	Lower	Upper
94	100		
65	35.3	16.8	25.2#
66	53.9	22.6	33.8#

Manual Integrations

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#8

Bis(2-Chloroethyl)ether

Concen: 2.33 ng/ul

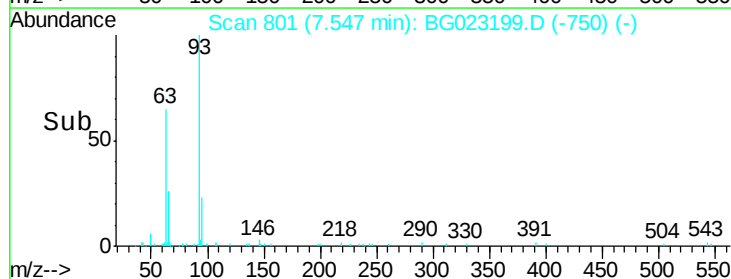
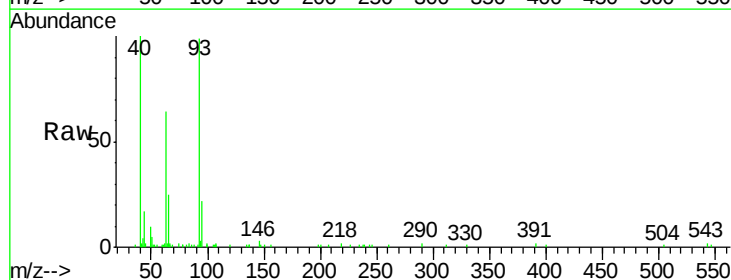
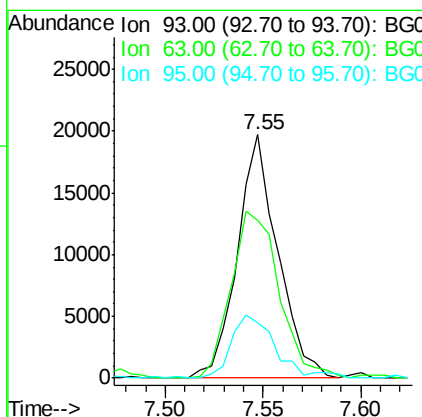
RT: 7.55 min Scan# 801

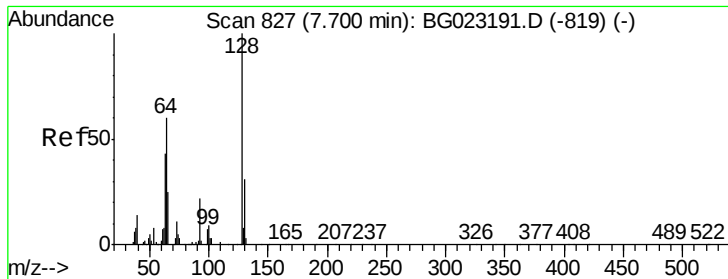
Delta R.T. 0.00 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Tgt Ion:	93	Resp:	28288
Ion	Ratio	Lower	Upper
93	100		
63	64.6	56.0	84.0
95	22.6	27.7	41.5#





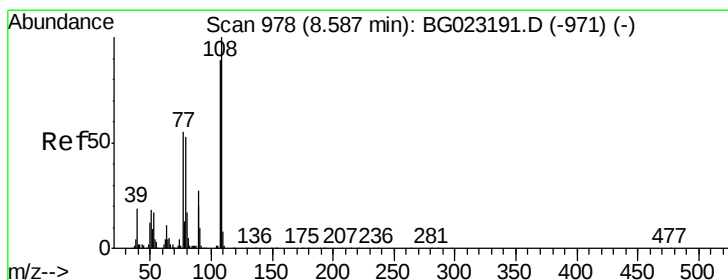
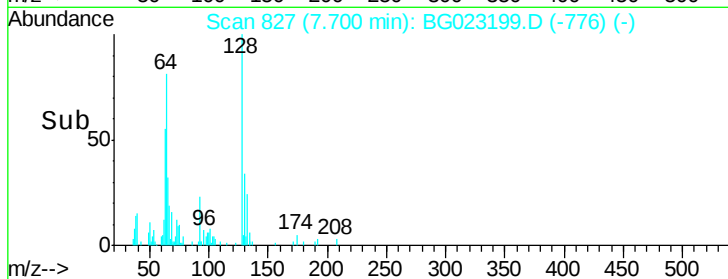
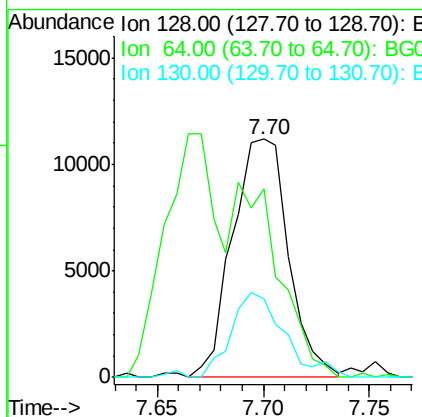
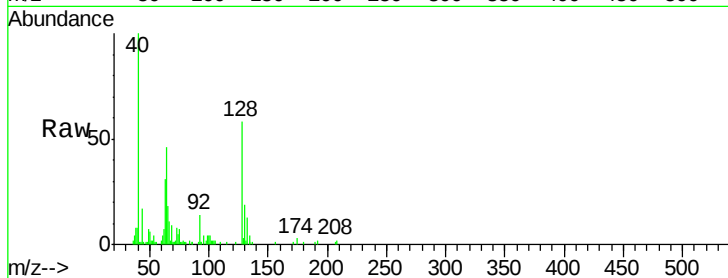
#10
2-Chlorophenol
Concen: 1.92 ng/ul
RT: 7.70 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
128	100		
64	79.3	34.2	51.4#
130	33.0	27.0	40.4

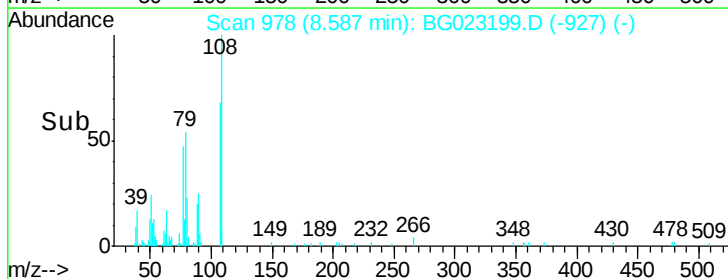
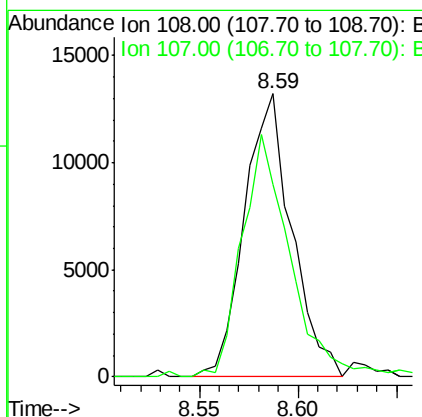
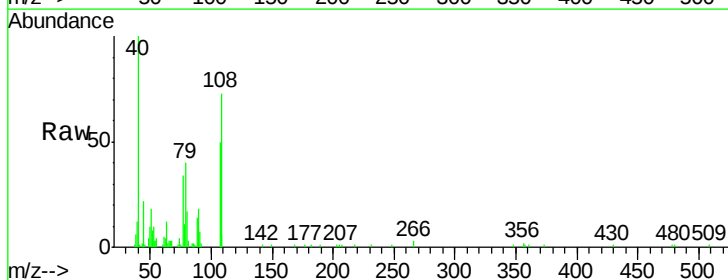
Manual Integrations

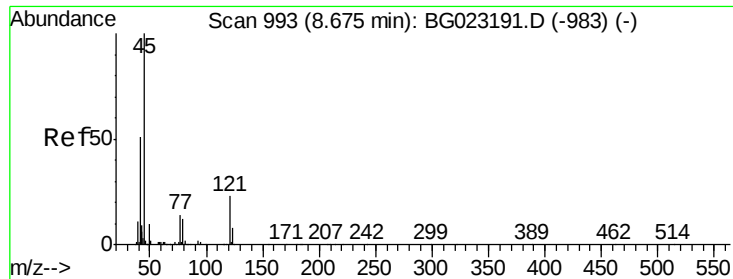
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7/21/2016 1:51:00 PM



#11
2-Methylphenol
Concen: 1.86 ng/ul m
RT: 8.59 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
108	100		
107	67.9	78.6	117.8#





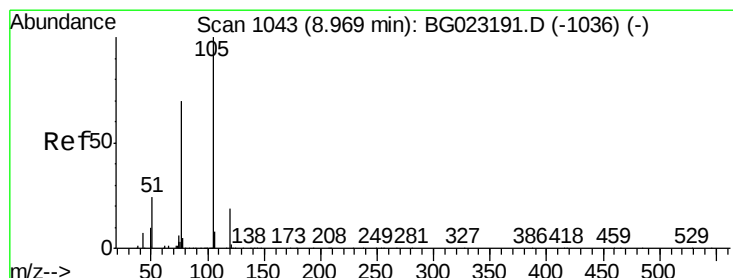
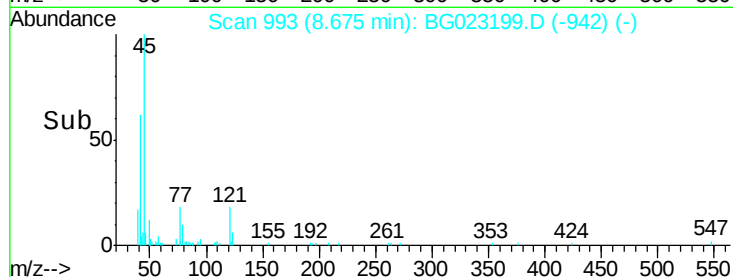
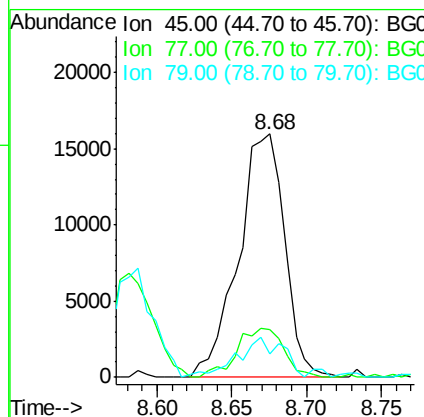
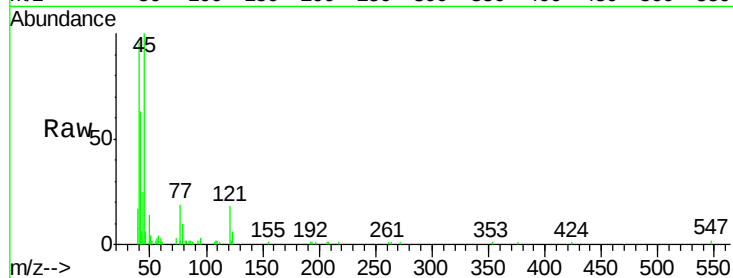
#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.09 ng/ul
RT: 8.68 min Scan# 993
Delta R.T. 0.00 min
Lab File: BG023199.D
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.5	13.4	20.2
79	9.6	10.2	15.4#

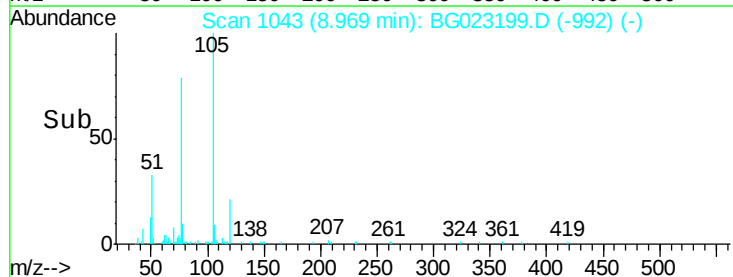
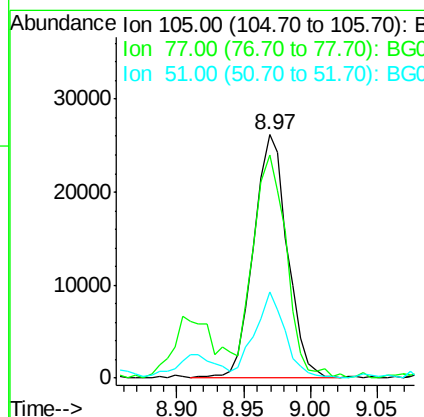
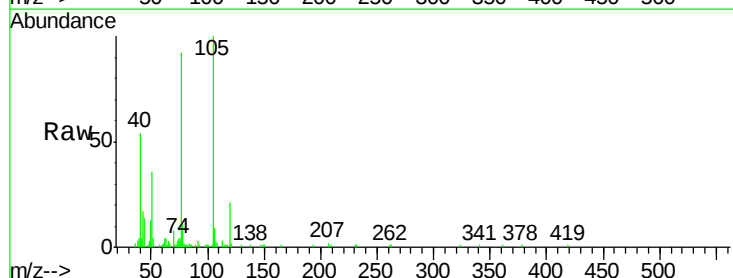
Manual Integrations

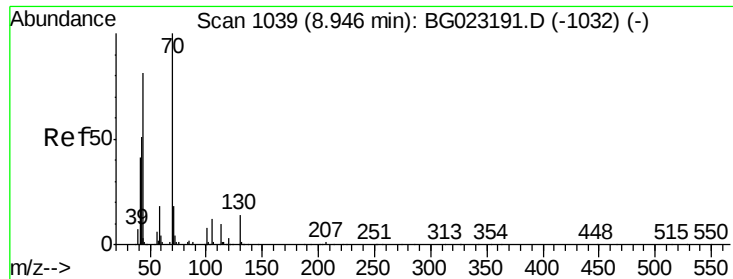
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#14
Acetophenone
Concen: 2.18 ng/ul
RT: 8.97 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
105	100		
77	91.7	56.1	84.1#
51	35.5	14.6	22.0#





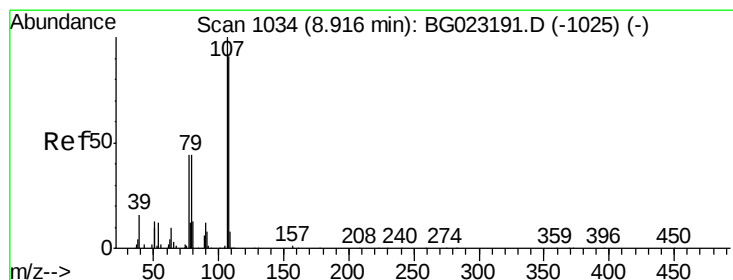
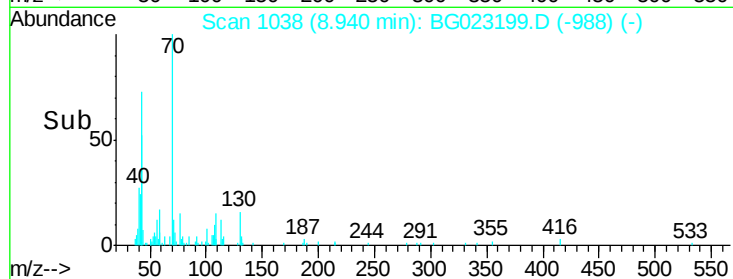
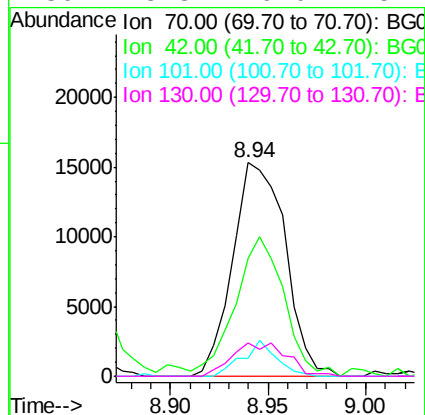
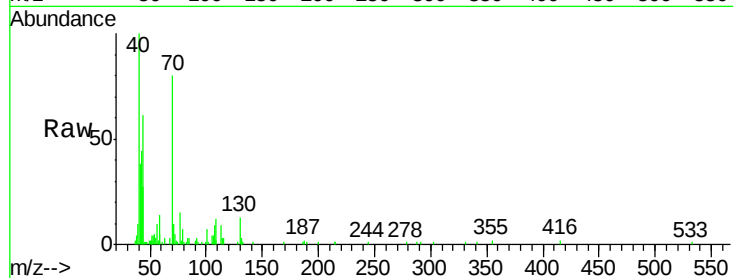
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N-Nitroso-di-n-propylamine
Concen: 2.06 ng/ul
RT: 8.94 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.3	31.4	47.2#
101	8.2	8.6	13.0#
130	15.8	19.0	28.4#

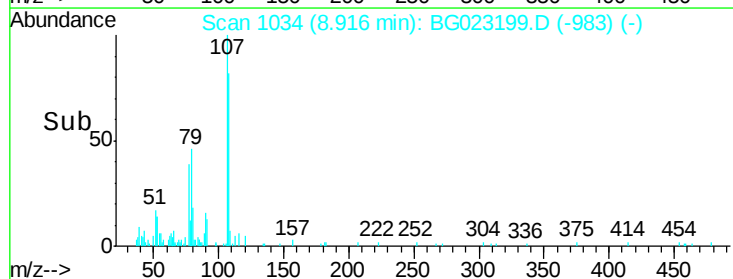
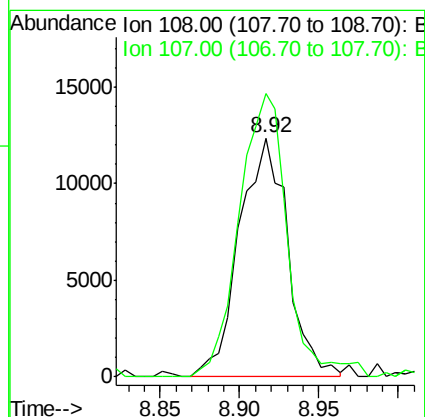
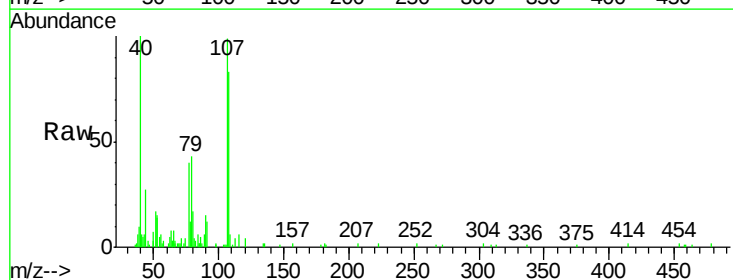
Manual Integrations

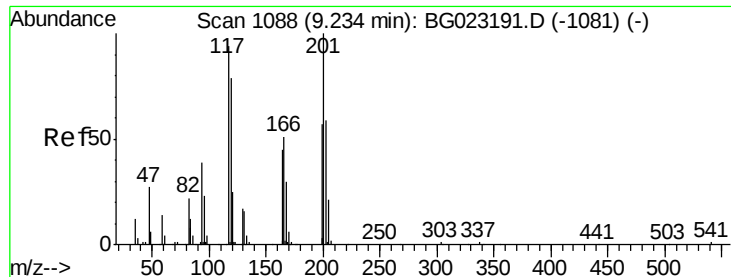
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#16
4-Methylphenol
Concen: 1.97 ng/ul
RT: 8.92 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
108	100		
107	118.3	88.3	132.5





#17

Hexachloroethane

Concen: 2.06 ng/ul

RT: 9.23 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Instrument :

BNA_G

ClientSampled :

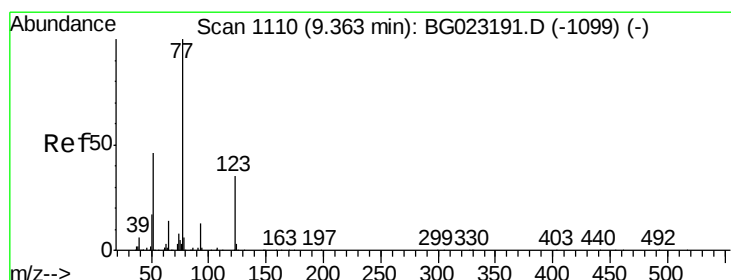
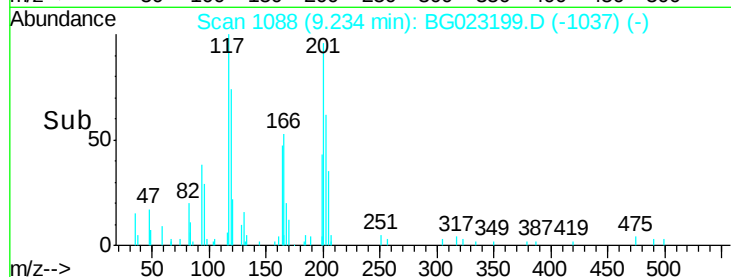
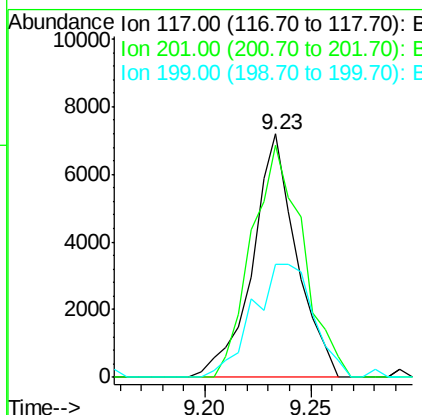
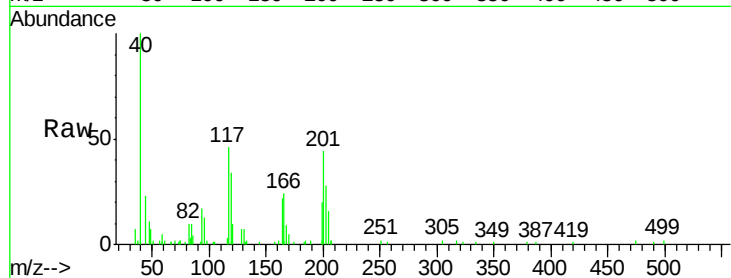
MDL-07-W

Tgt Ion:	117	Resp:	10423
Ion Ratio	Lower	Upper	
117	100		
201	95.5	76.8	115.2
199	46.3	43.5	65.3

Manual Integrations

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#20

Nitrobenzene

Concen: 2.17 ng/ul

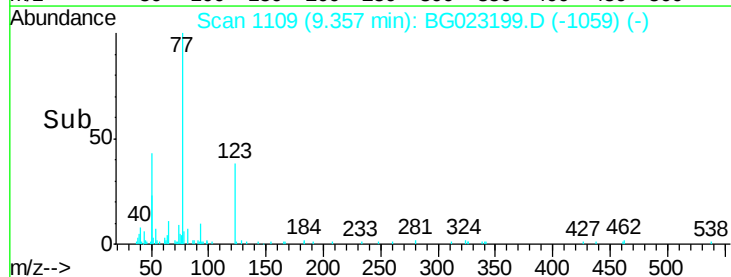
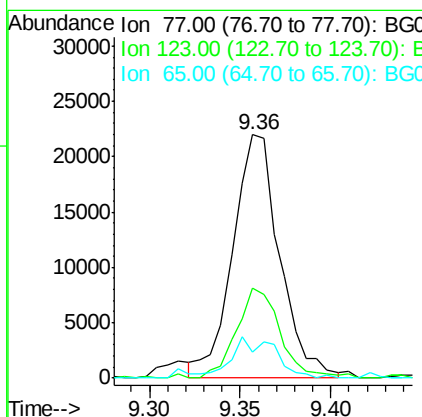
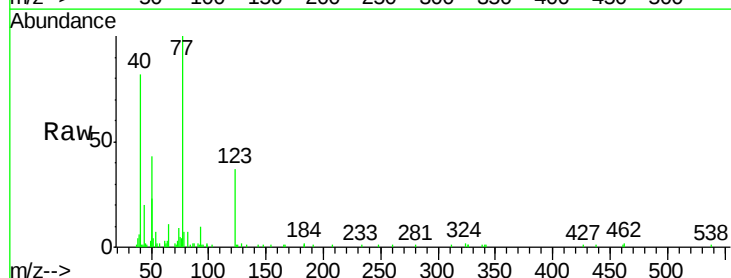
RT: 9.36 min Scan# 1109

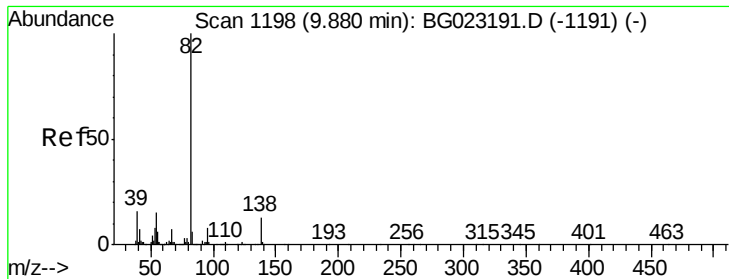
Delta R.T. -0.01 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Tgt Ion:	77	Resp:	39529
Ion Ratio	Lower	Upper	
77	100		
123	36.9	39.5	59.3#
65	10.7	9.0	13.4





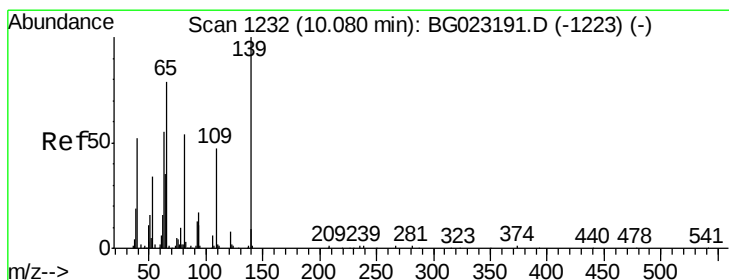
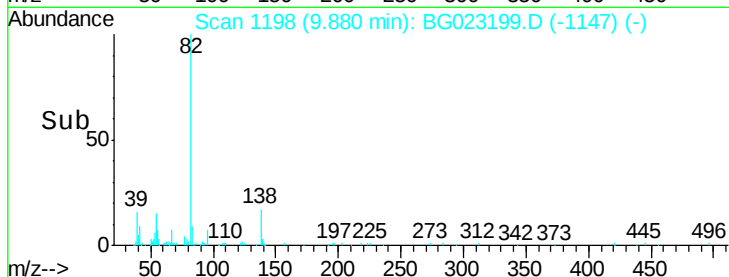
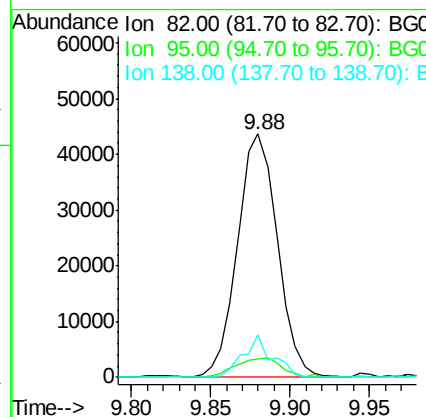
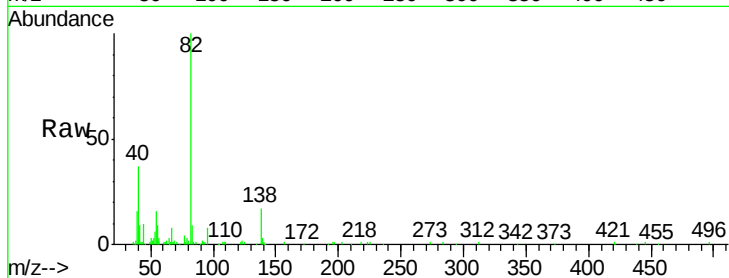
#21
Isophorone
Concen: 2.20 ng/ul
RT: 9.88 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion: 82 Resp: 76346
Ion Ratio Lower Upper
82 100
95 7.8 5.1 7.7#
138 17.4 15.0 22.6

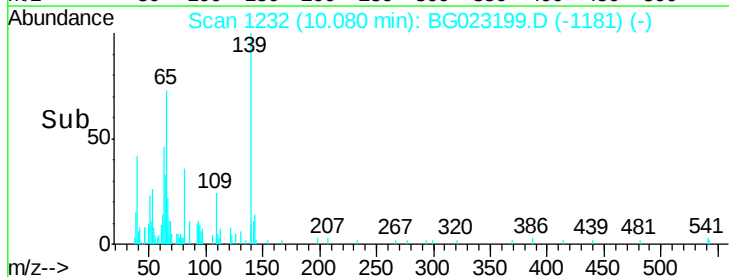
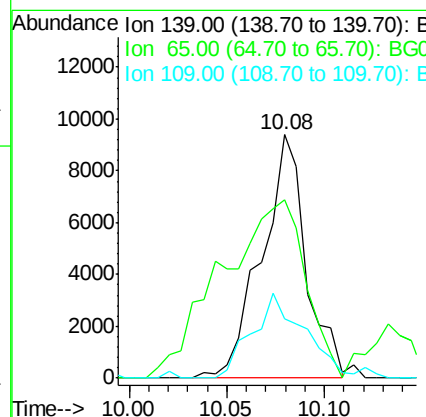
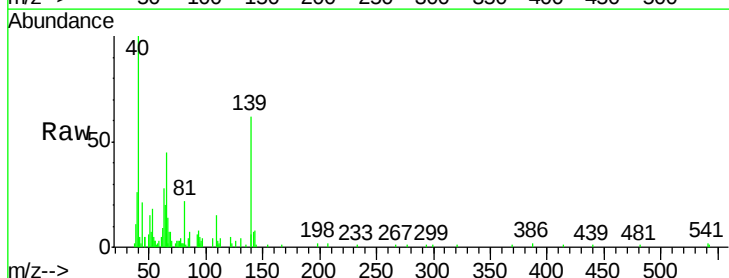
Manual Integrations

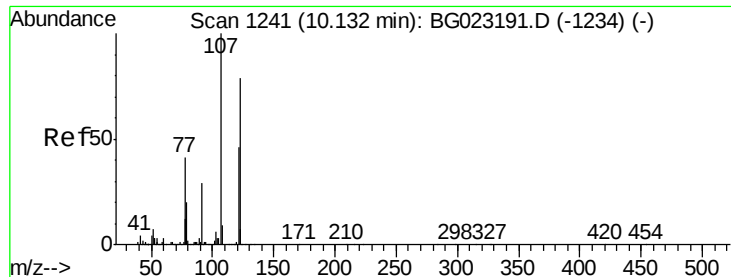
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#23
2-Nitrophenol
Concen: 2.11 ng/ul
RT: 10.08 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion: 139 Resp: 14811
Ion Ratio Lower Upper
139 100
65 73.3 31.8 47.8#
109 24.5 17.1 25.7





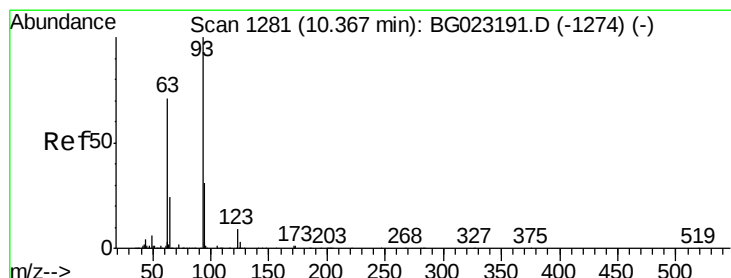
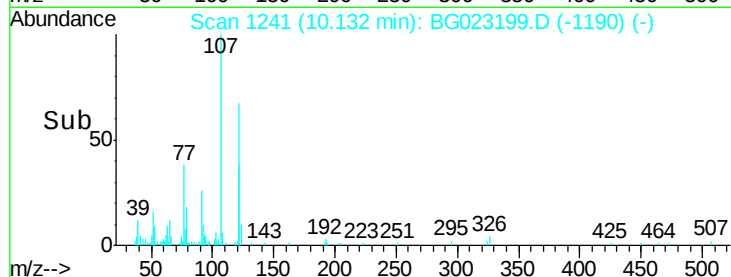
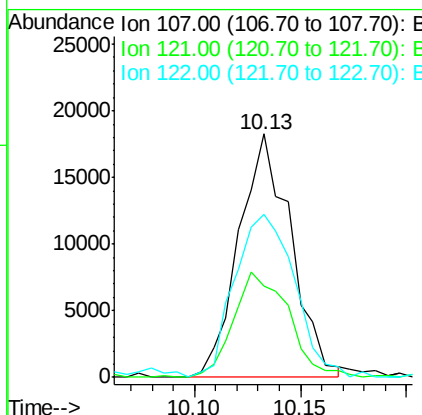
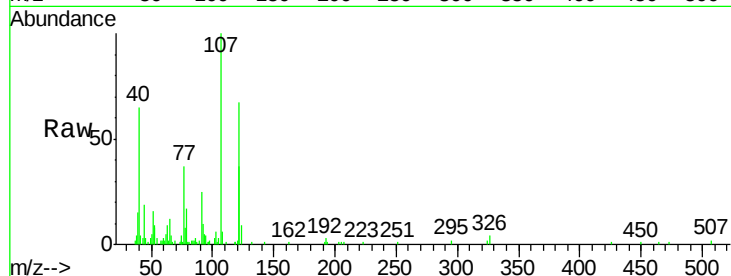
#24
 2,4-Dimethylphenol
 Concen: 1.93 ng/ul
 RT: 10.13 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG023199.D
 Acq: 20 Jul 2016 22:34

Instrument :
 BNA_G
 ClientSampled :
 MDL-07-W

Tgt Ion	Ratio	Lower	Upper
107	100		
121	37.3	43.7	65.5#
122	66.7	70.3	105.5#

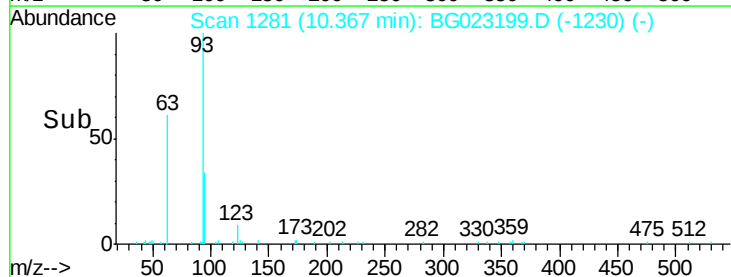
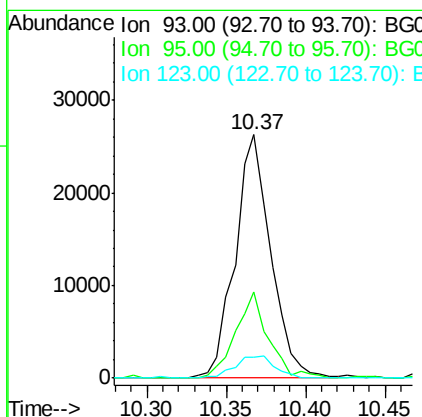
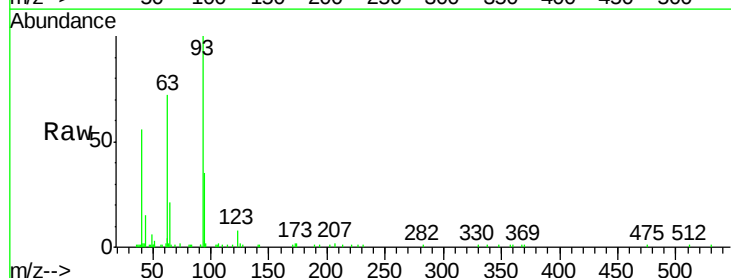
Manual Integrations

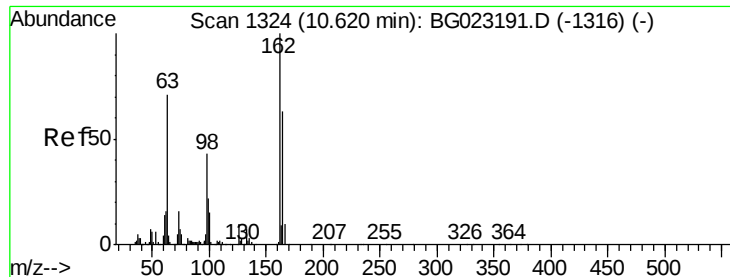
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.13 ng/ul
 RT: 10.37 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BG023199.D
 Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.4	26.0	39.0
123	8.4	10.1	15.1#





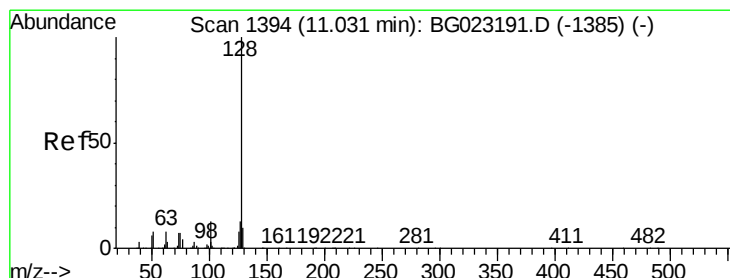
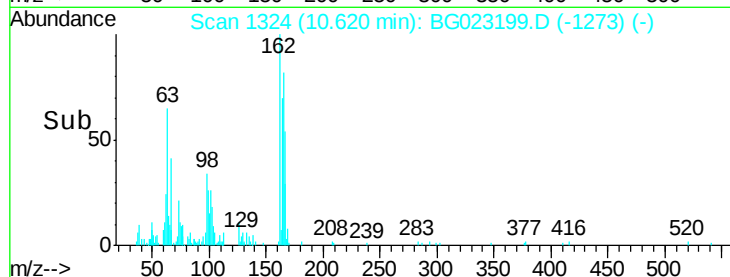
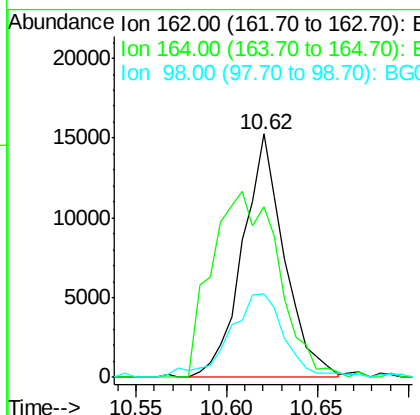
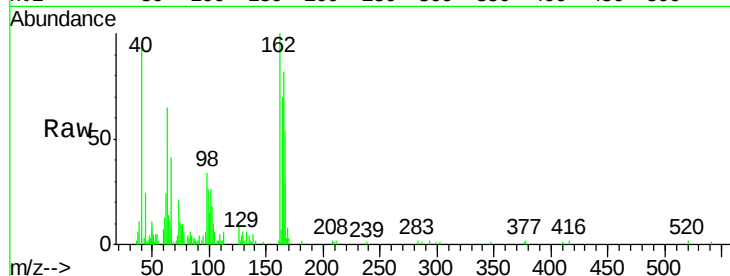
#27
 2,4-Dichlorophenol
 Concen: 1.99 ng/ul
 RT: 10.62 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BG023199.D
 Acq: 20 Jul 2016 22:34

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-W

Tgt Ion:	162	Resp:	24354
Ion Ratio	Lower	Upper	
162	100		
164	70.2	51.6	77.4
98	34.4	28.3	42.5

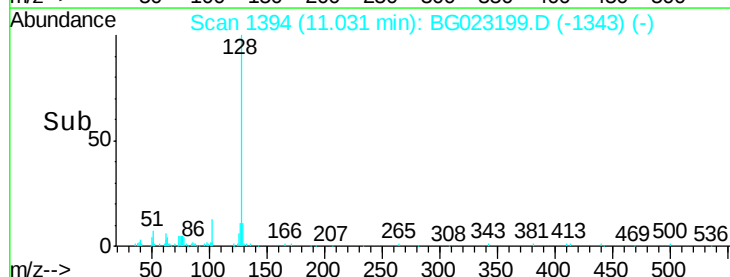
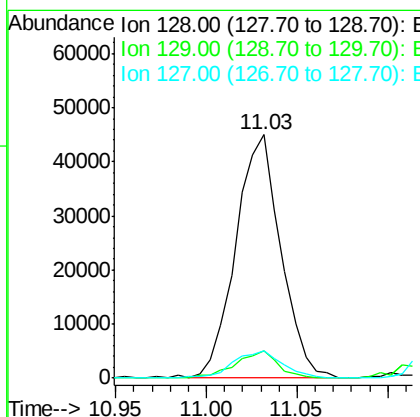
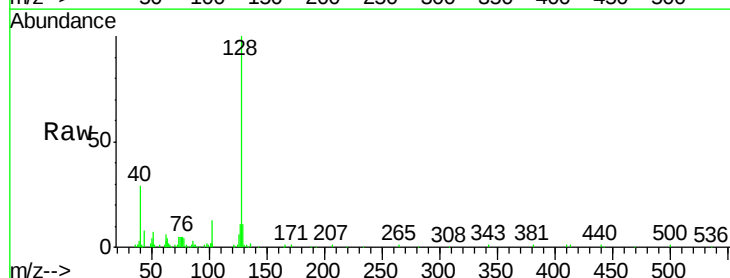
Manual Integrations

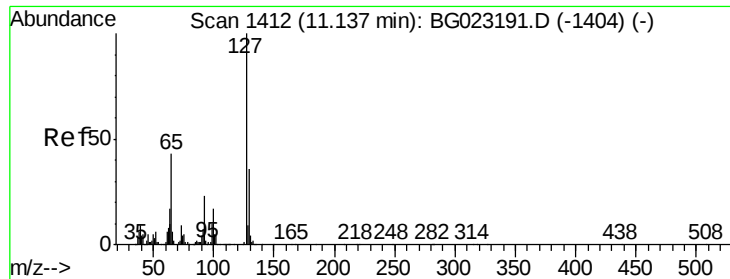
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#28
 Naphthalene
 Concen: 2.19 ng/ul
 RT: 11.03 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BG023199.D
 Acq: 20 Jul 2016 22:34

Tgt Ion:	128	Resp:	77712
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.4	14.2
127	11.3	11.2	16.8





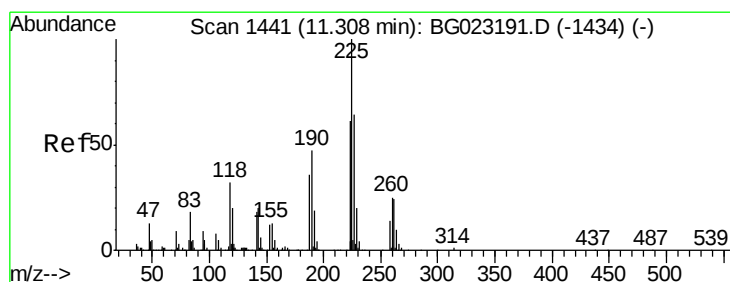
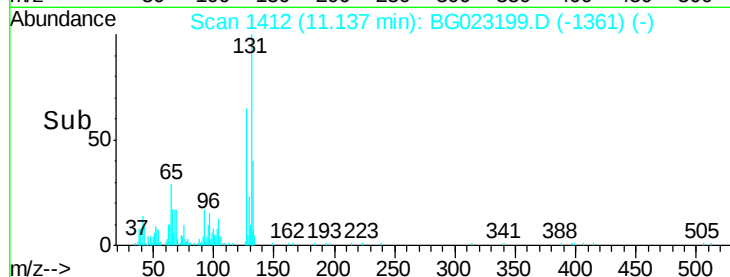
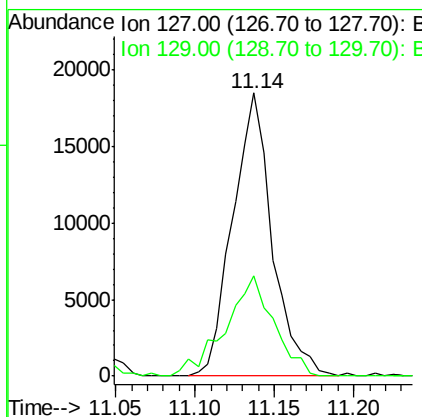
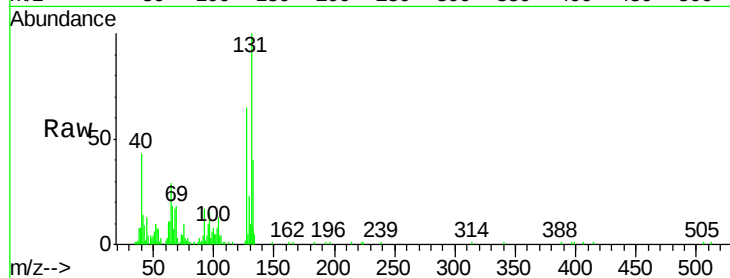
#30
4-Chloroaniline
Concen: 2.42 ng/ul
RT: 11.14 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:127 Resp: 32004
Ion Ratio Lower Upper
127 100
129 35.3 26.9 40.3

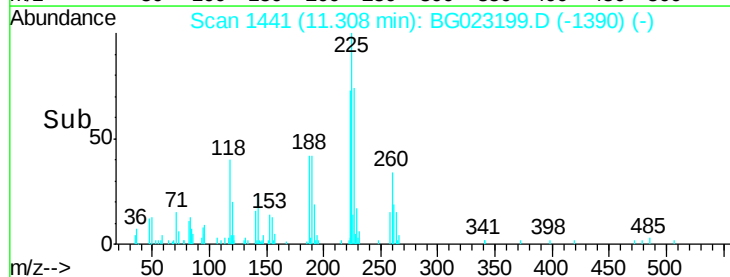
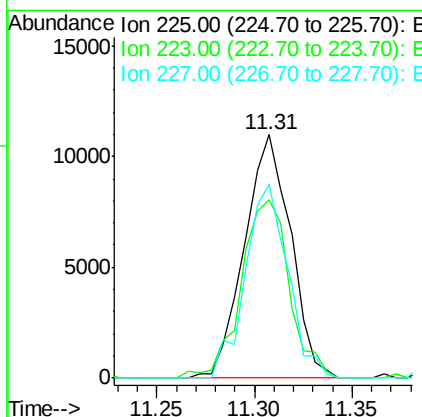
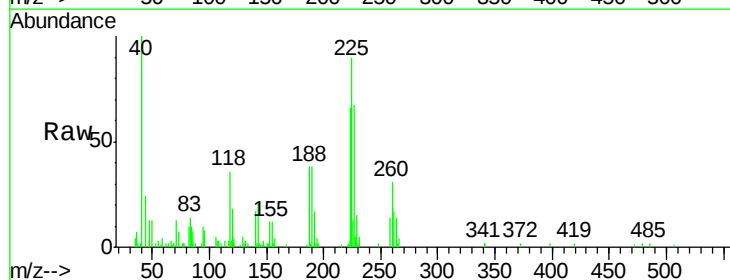
Manual Integrations

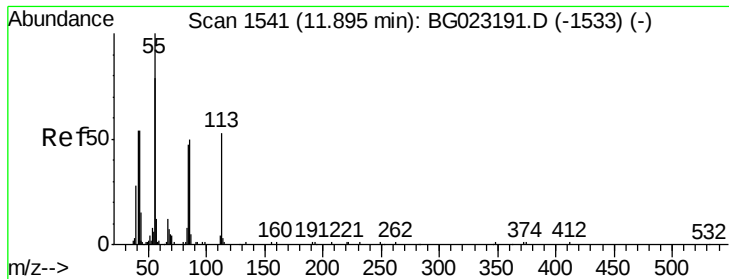
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#31
Hexachlorobutadiene
Concen: 1.83 ng/ul
RT: 11.31 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:225 Resp: 18040
Ion Ratio Lower Upper
225 100
223 76.0 54.7 82.1
227 79.5 52.2 78.4#





#32

Caprolactam

Concen: 1.99 ng/ul m

RT: 11.92 min Scan# 1545

Delta R.T. 0.02 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Instrument :

BNA_G

ClientSampleId :

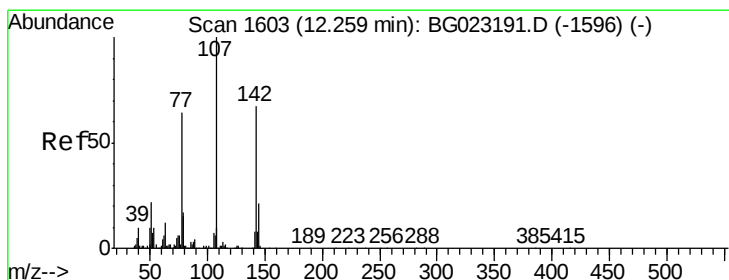
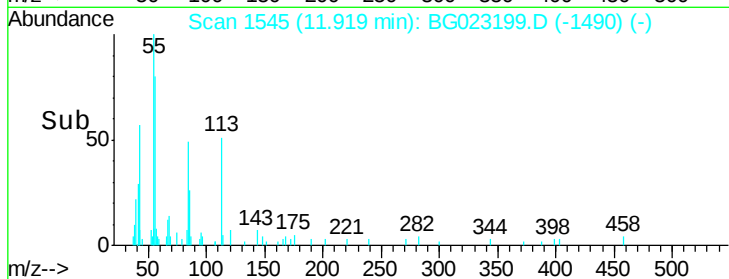
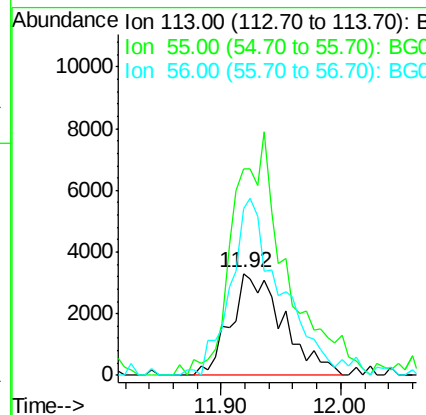
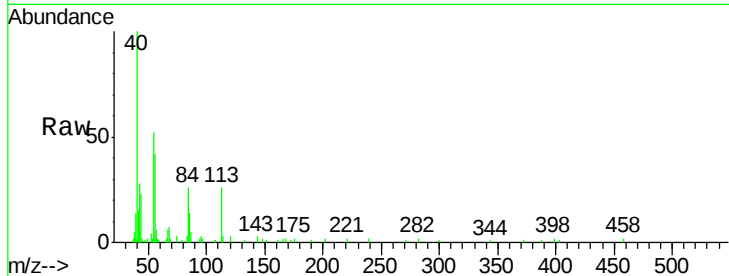
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
113	100		
55	201.9	99.6	149.4#
56	163.5	66.4	99.6#

Manual Integrations

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7/21/2016 1:51:00 PM



#33

4-Chloro-3-methylphenol

Concen: 2.13 ng/ul

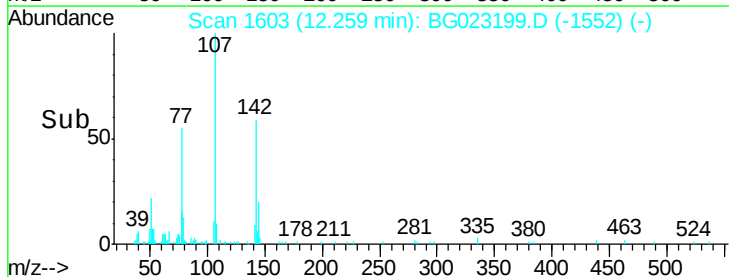
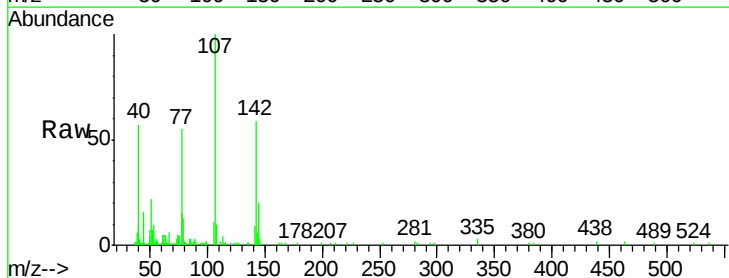
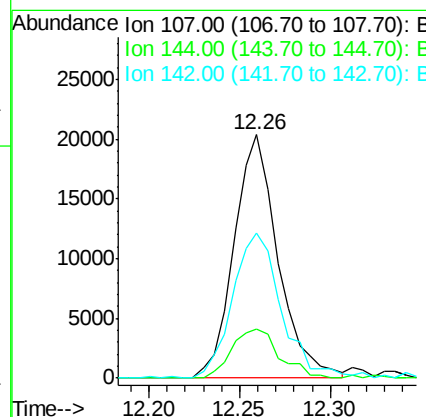
RT: 12.26 min Scan# 1603

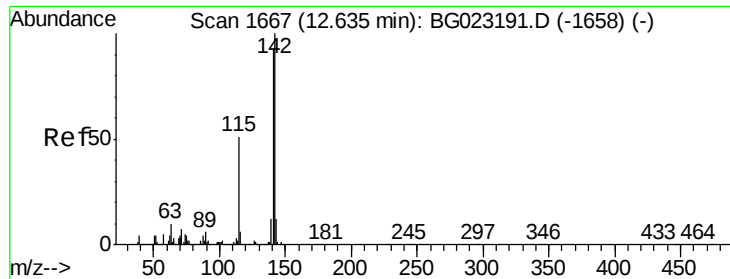
Delta R.T. 0.00 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.3	22.7	34.1#
142	59.4	71.6	107.4#





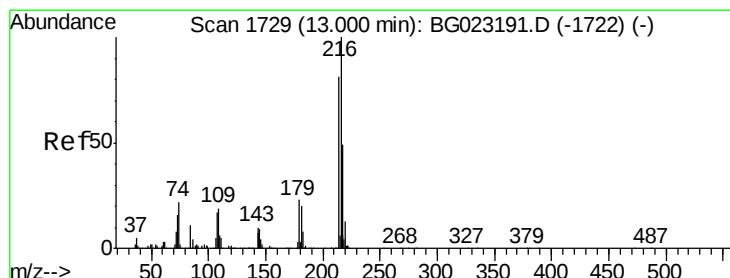
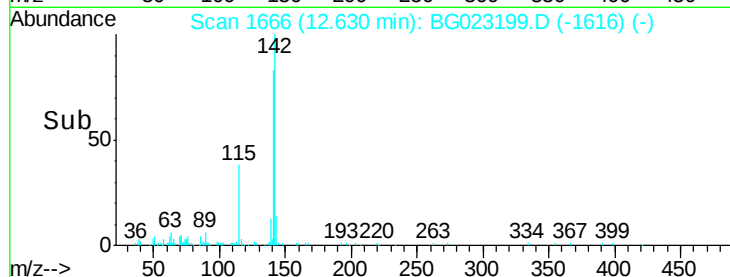
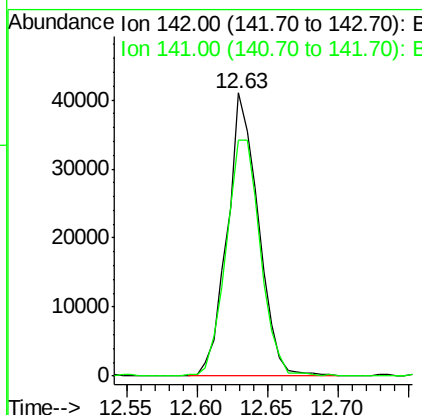
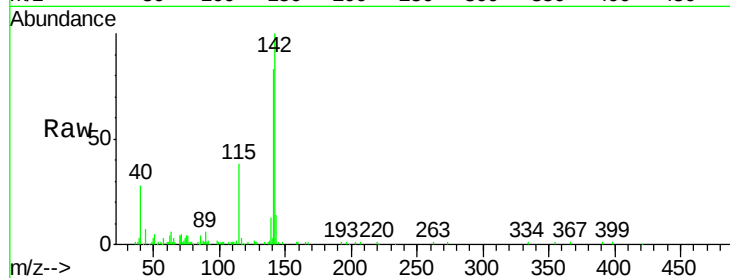
#34
2-Methylnaphthalene
Concen: 2.15 ng/ul
RT: 12.63 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:142 Resp: 63056
Ion Ratio Lower Upper
142 100
141 83.2 75.2 112.8

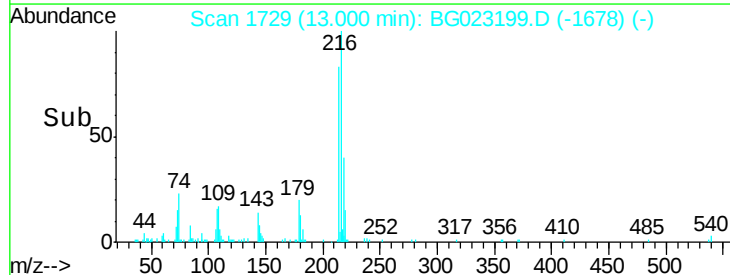
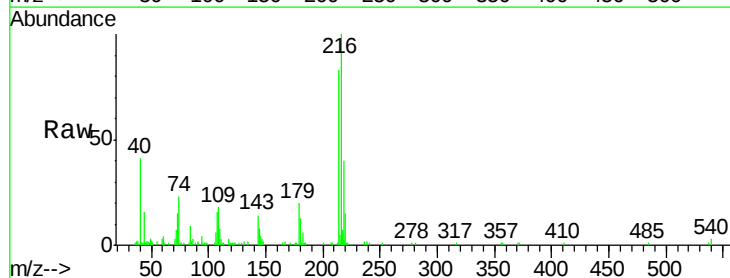
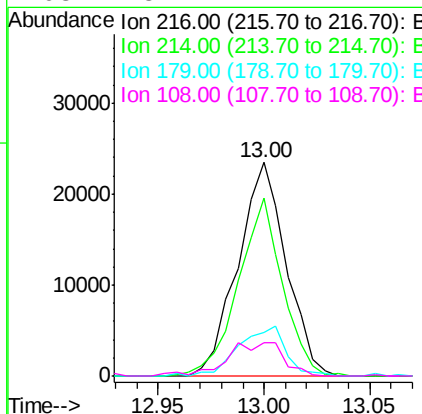
Manual Integrations

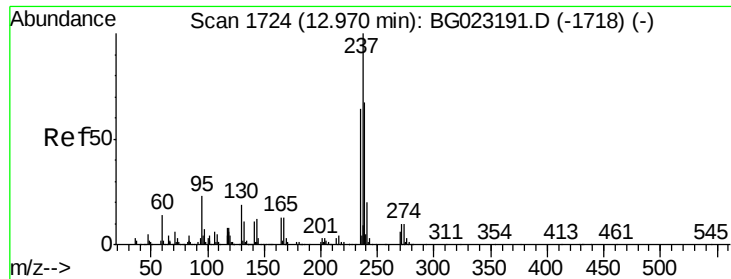
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 2.12 ng/ul
RT: 13.00 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:216 Resp: 37219
Ion Ratio Lower Upper
216 100
214 83.5 61.7 92.5
179 20.3 17.0 25.4
108 15.7 14.2 21.2





#37

Hexachlorocyclopentadiene

Concen: 1.71 ng/ul

RT: 12.97 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Instrument :

BNA_G

ClientSampleId :

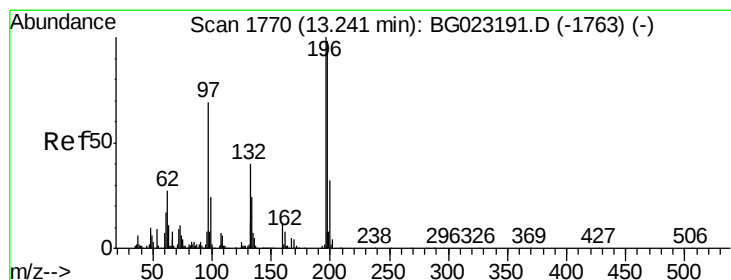
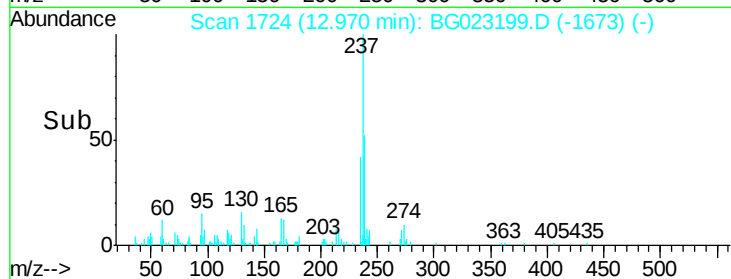
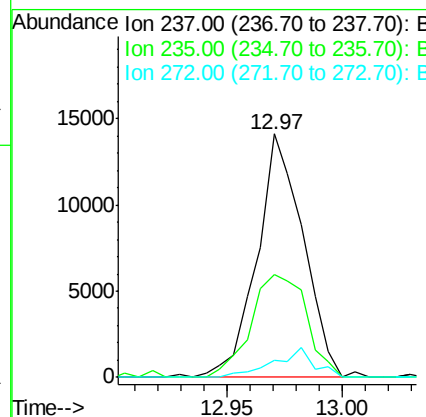
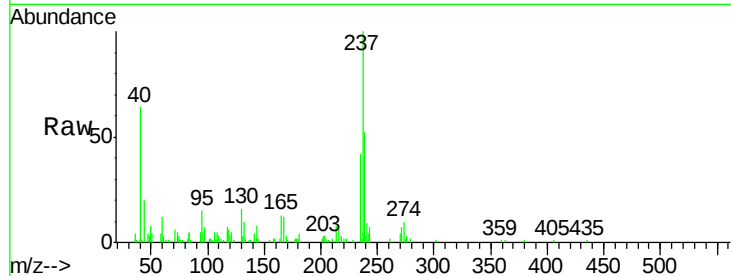
MDL-07-W

Tgt Ion:	237	Resp:	19554
Ion Ratio	Lower	Upper	
237	100		
235	42.2	49.6	74.4#
272	7.2	9.3	13.9#

Manual Integrations

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#38

2,4,6-Trichlorophenol

Concen: 1.98 ng/ul

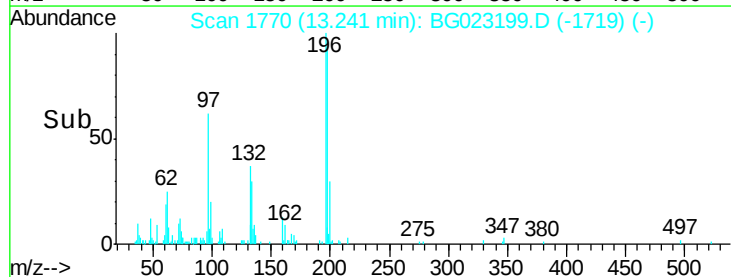
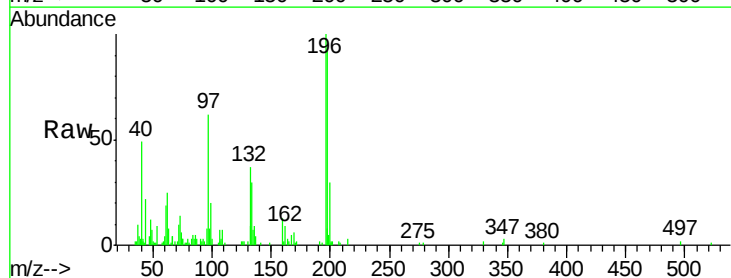
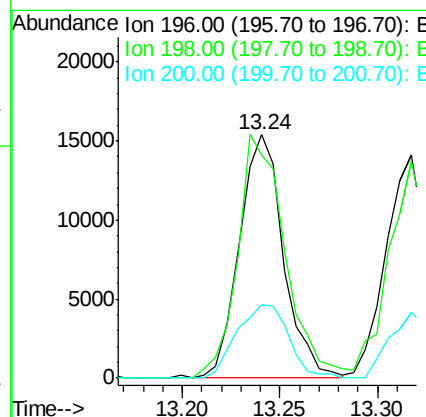
RT: 13.24 min Scan# 1770

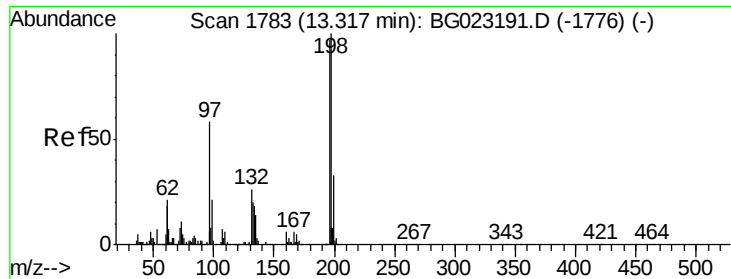
Delta R.T. 0.00 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Tgt Ion:	196	Resp:	24099
Ion Ratio	Lower	Upper	
196	100		
198	91.7	77.4	116.0
200	30.3	26.6	39.8





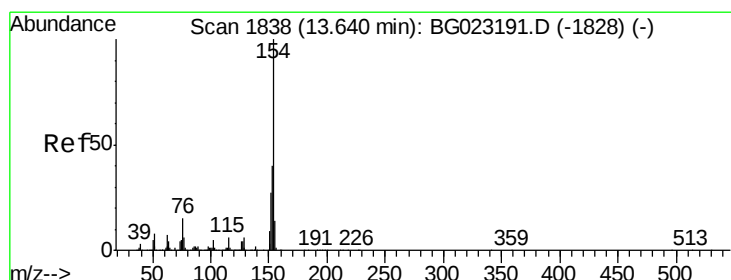
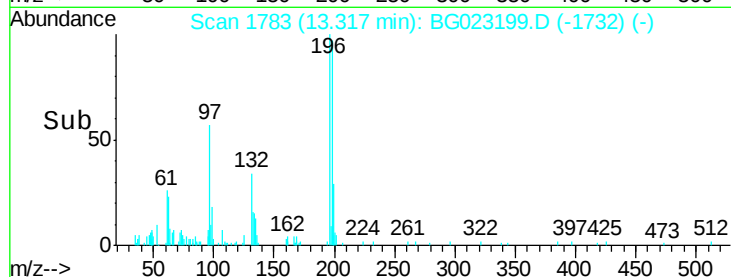
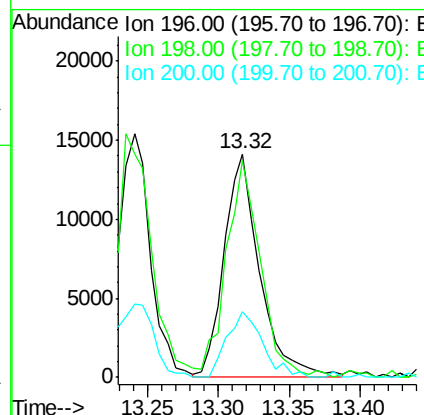
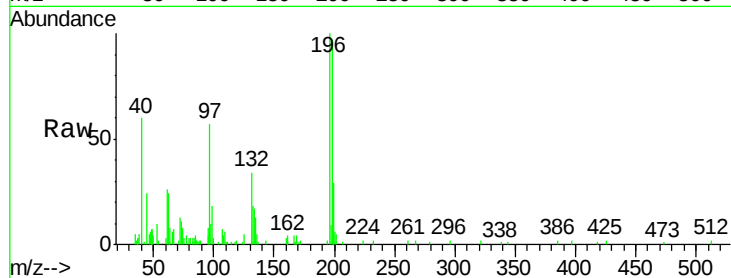
#39
 2,4,5-Trichlorophenol
 Concen: 2.01 ng/ul
 RT: 13.32 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BG023199.D
 Acq: 20 Jul 2016 22:34

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	24958		
198	96.6	79.8	119.8	
200	29.1	24.0	36.0	

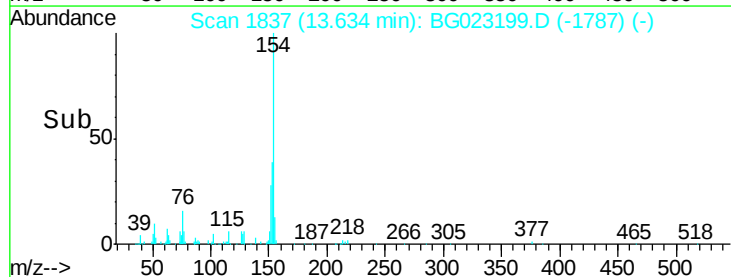
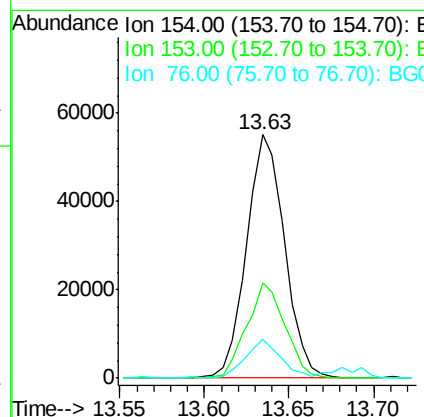
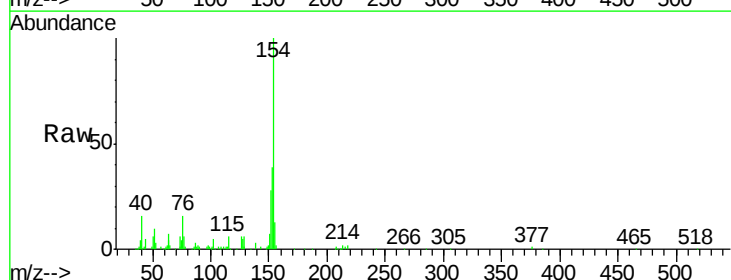
Manual Integrations

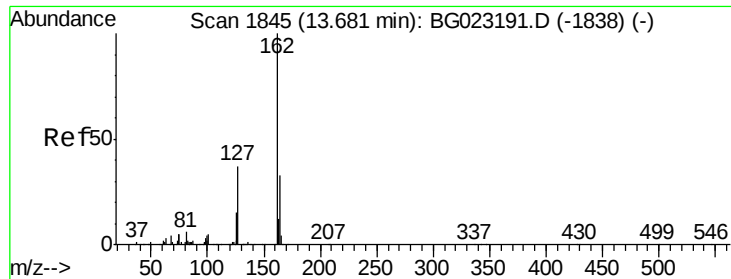
sohil
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#40
 1,1'-Biphenyl
 Concen: 2.19 ng/ul
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG023199.D
 Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	86596		
153	39.2	34.6	52.0	
76	15.7	11.9	17.9	





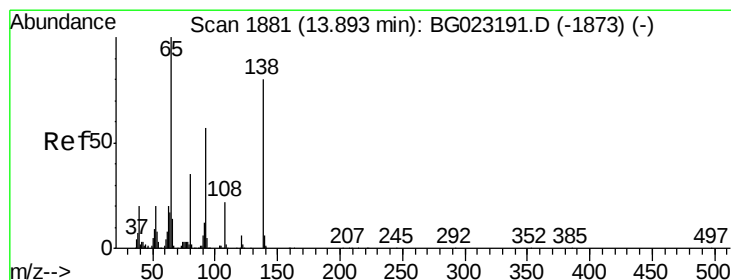
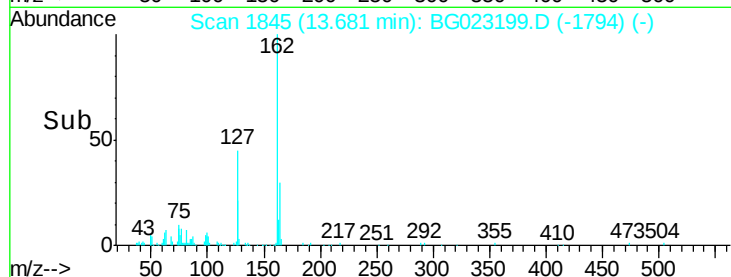
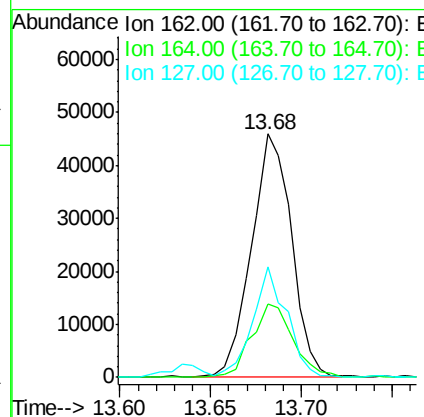
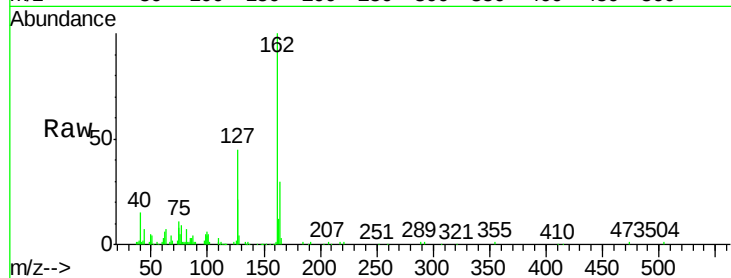
#41
2-Chloronaphthalene
Concen: 2.22 ng/ul
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
162	100		
164	30.0	25.4	38.2
127	45.5	30.2	45.4

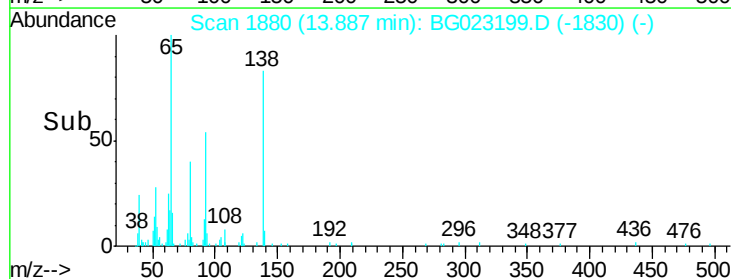
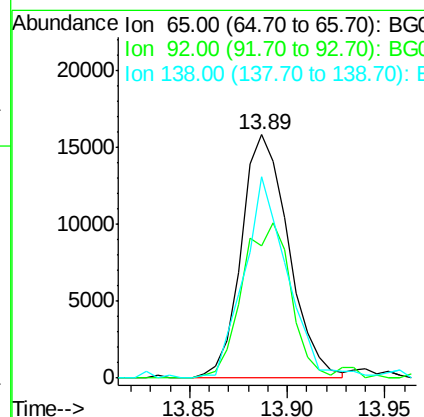
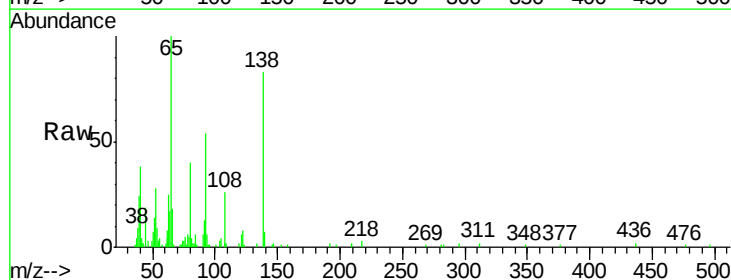
Manual Integrations

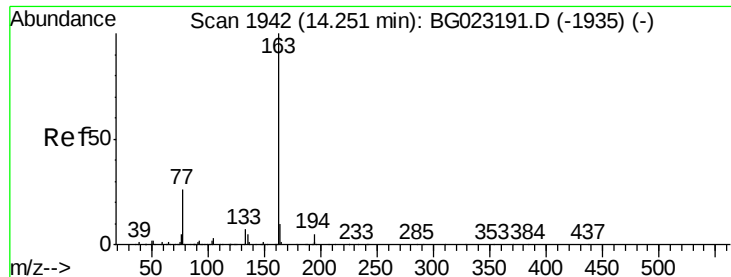
sohil
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#42
2-Nitroaniline
Concen: 1.87 ng/ul
RT: 13.89 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	54.4	67.1	100.7
138	82.7	109.6	164.4





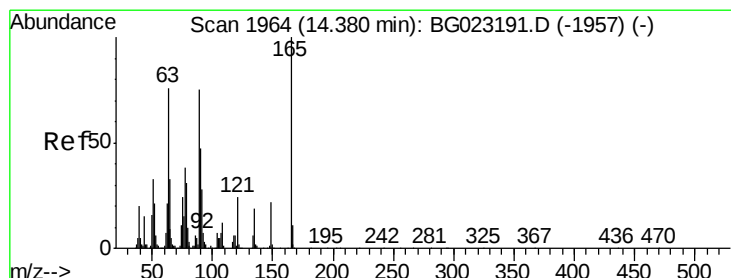
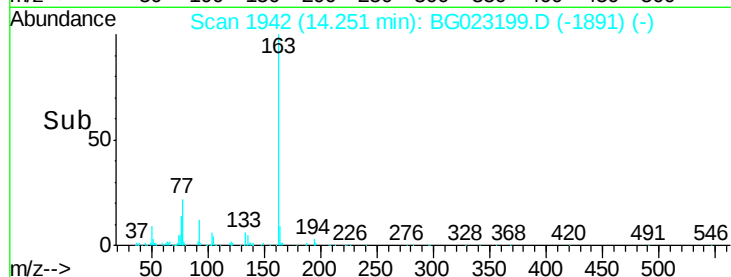
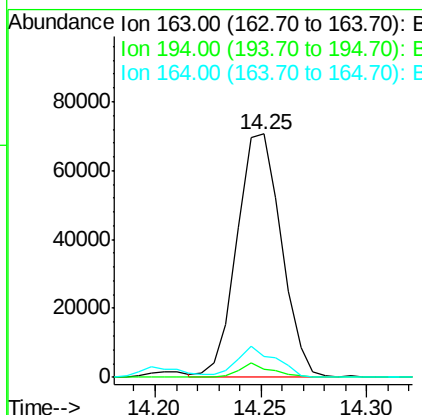
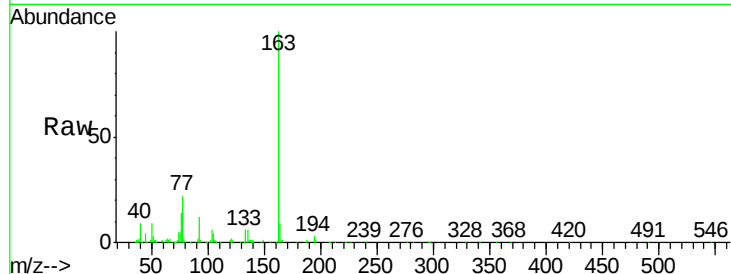
#44
Dimethylphthalate
Concen: 2.32 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.4	5.2#
164	8.6	8.8	13.2#

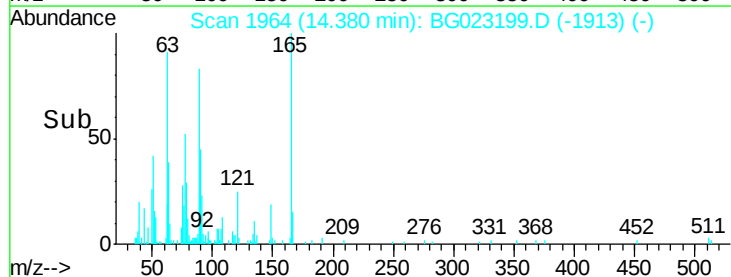
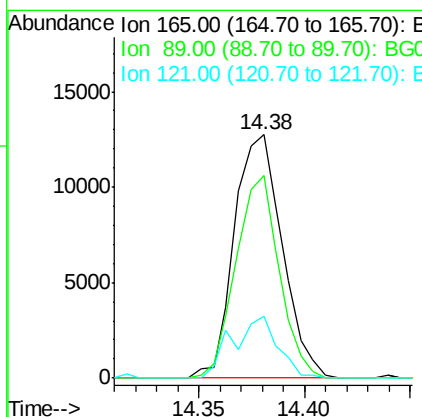
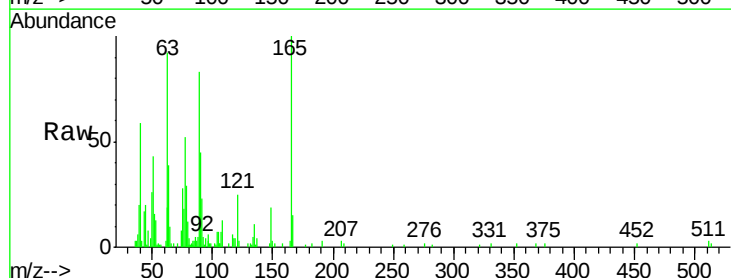
Manual Integrations

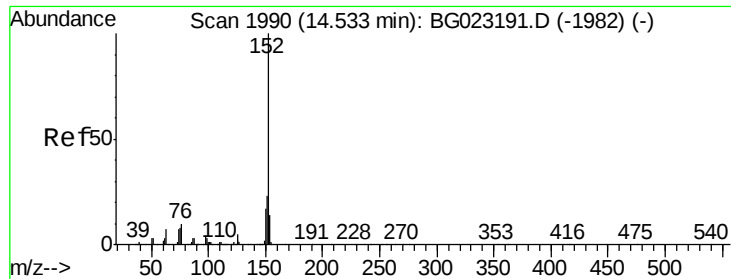
sohil
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#45
2,6-Dinitrotoluene
Concen: 2.08 ng/ul
RT: 14.38 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
165	100		
89	83.5	41.5	62.3#
121	25.3	17.0	25.4





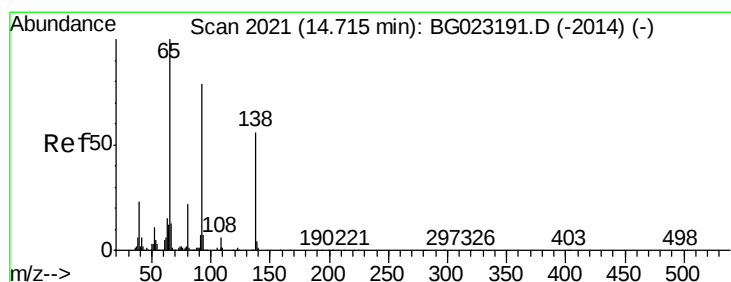
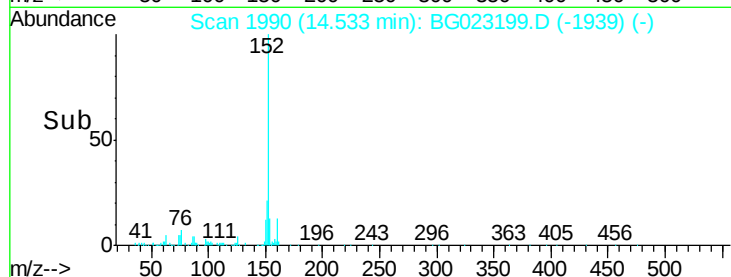
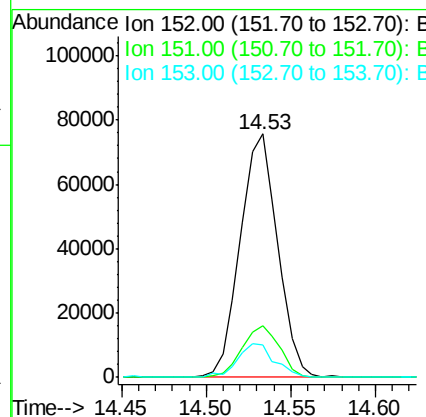
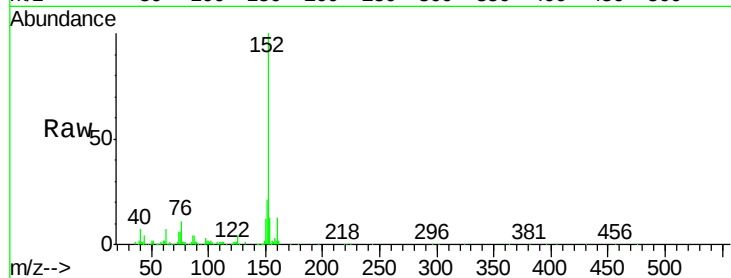
#47
Acenaphthylene
Concen: 2.32 ng/ul
RT: 14.53 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.5	26.3
153	13.4	11.1	16.7

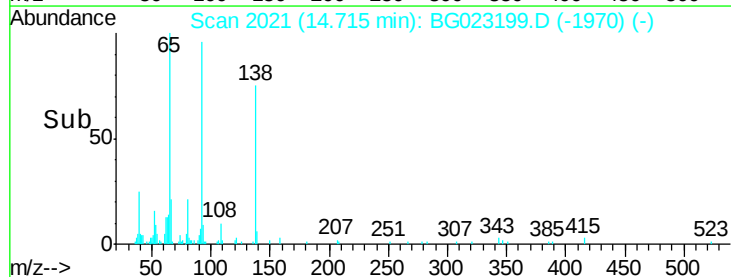
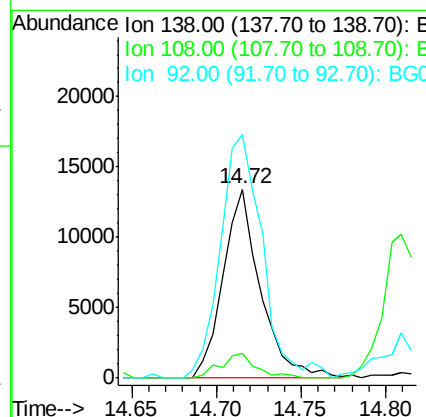
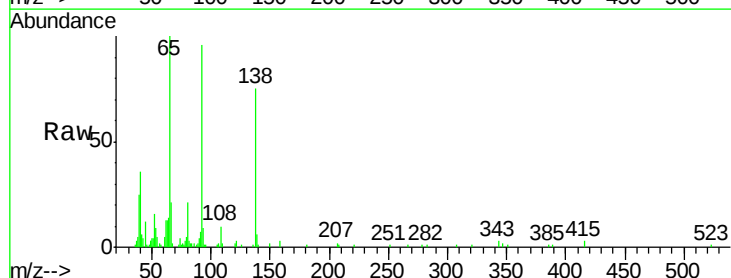
Manual Integrations

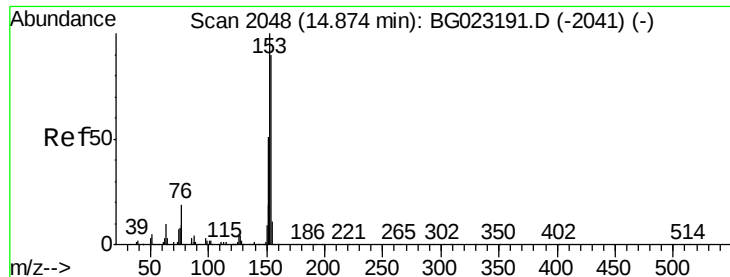
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7/21/2016 1:51:00 PM



#48
3-Nitroaniline
Concen: 2.51 ng/ul
RT: 14.72 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.8	6.2	9.2#
92	128.7	79.3	118.9#





#49

Acenaphthene

Concen: 2.20 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BG023199.D

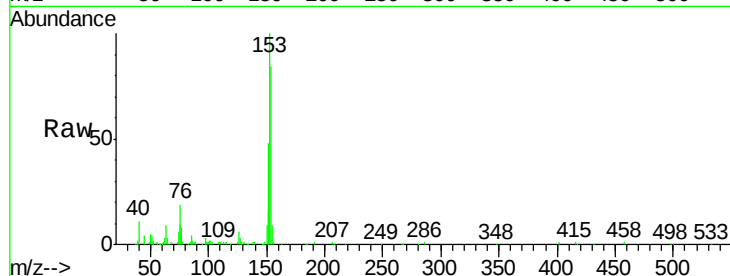
Acq: 20 Jul 2016 22:34

Instrument :

BNA_G

ClientSampleId :

MDL-07-W



Tgt Ion:153 Resp: 75089

Ion Ratio Lower Upper

153 100

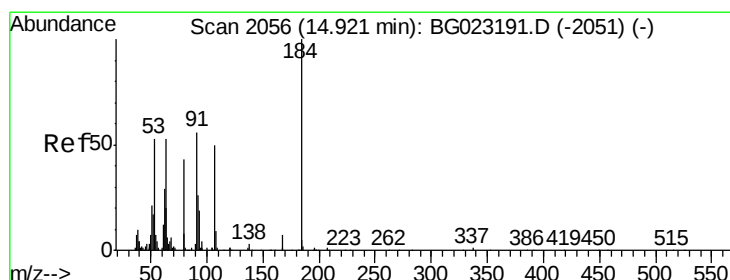
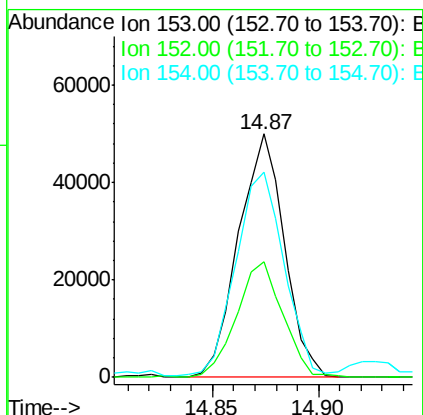
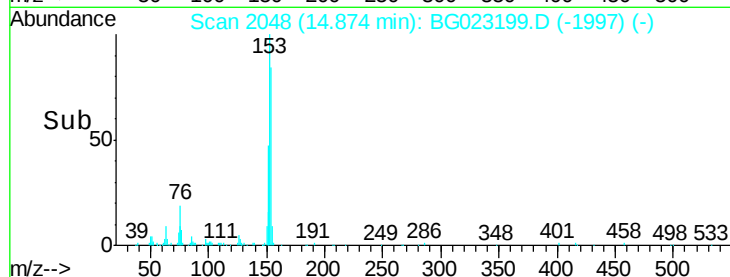
152 47.7 37.3 55.9

154 84.3 68.2 102.2

Manual Integrations

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7/21/2016 1:51:00 PM



#50

2,4-Dinitrophenol

Concen: 1.09 ng/ul

RT: 14.93 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

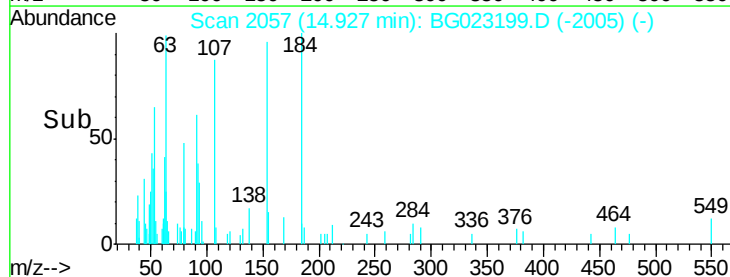
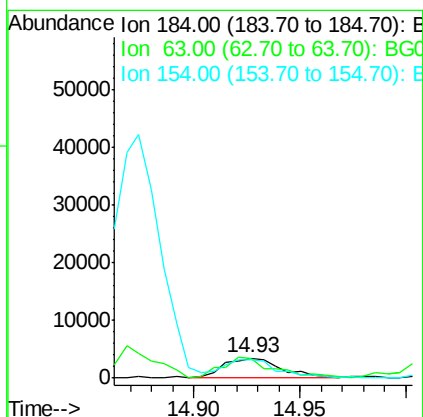
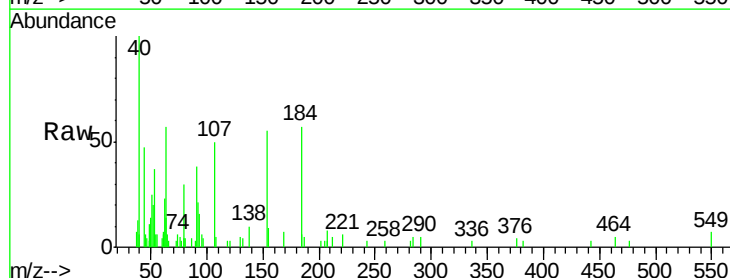
Tgt Ion:184 Resp: 6575

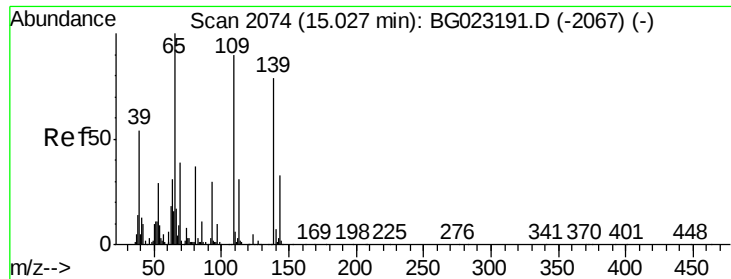
Ion Ratio Lower Upper

184 100

63 99.4 40.5 60.7#

154 96.3 48.5 72.7#





#52

4-Nitrophenol

Concen: 2.46 ng/ul

RT: 15.02 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Instrument :

BNA_G

ClientSampleId :

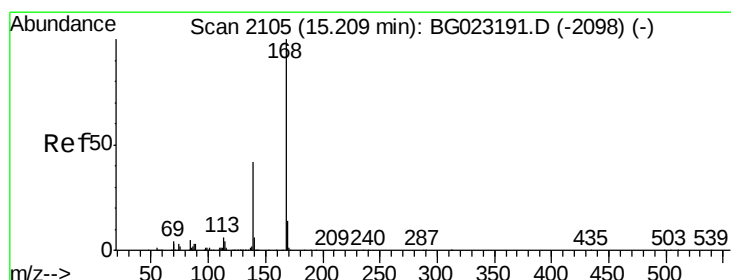
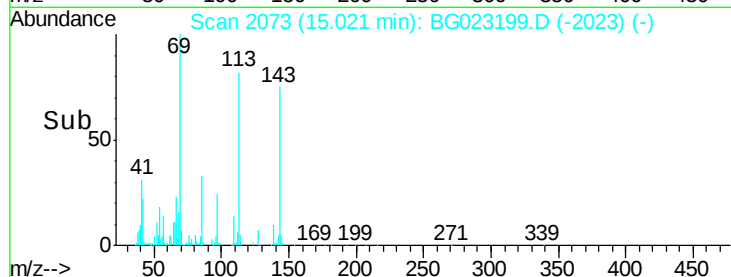
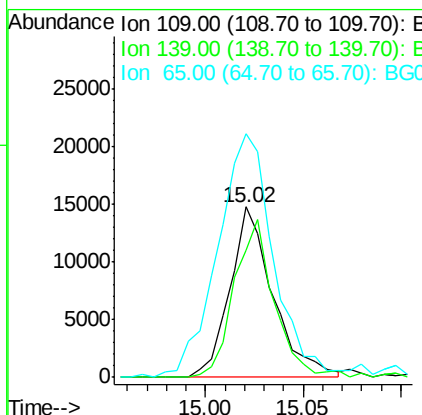
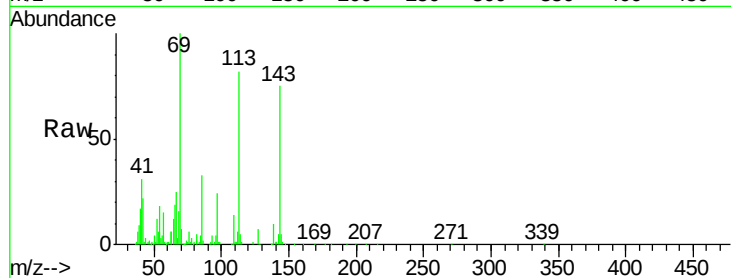
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
109	100		
139	74.5	136.1	204.1#
65	143.1	106.0	159.0

Manual Integrations

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#53

Dibenzofuran

Concen: 2.30 ng/ul

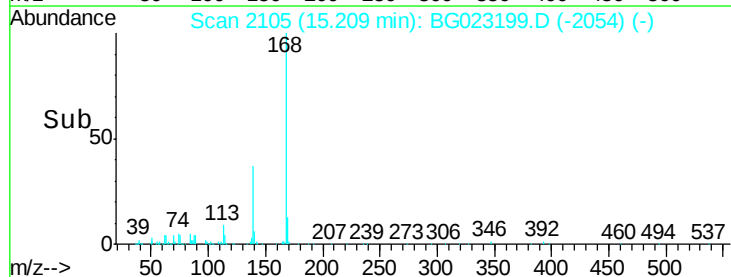
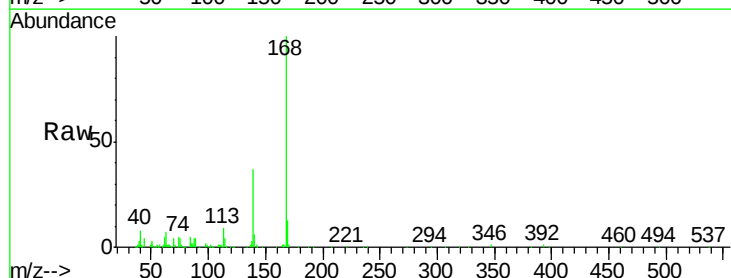
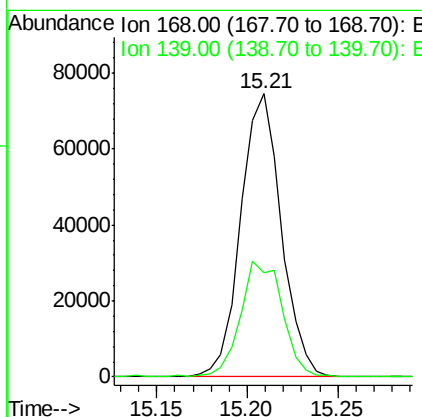
RT: 15.21 min Scan# 2105

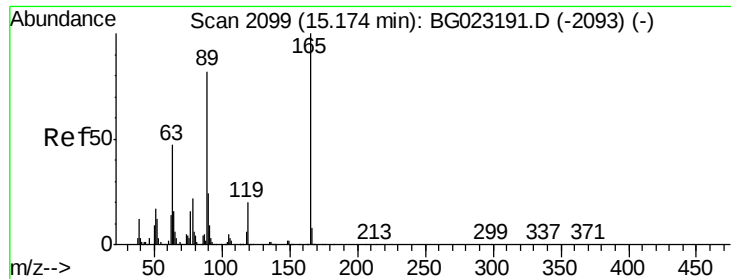
Delta R.T. 0.00 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	27.4	41.0





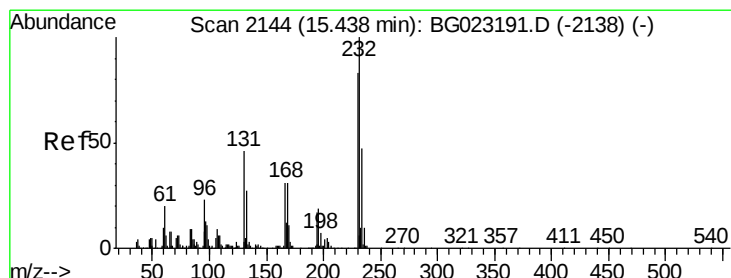
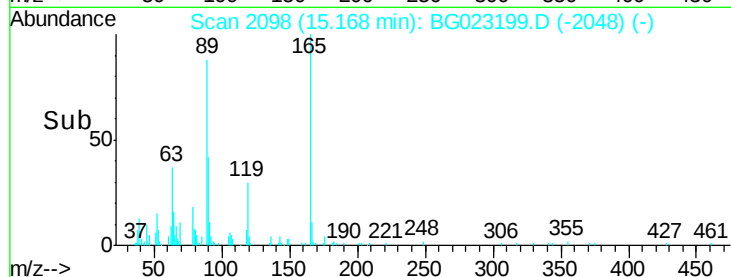
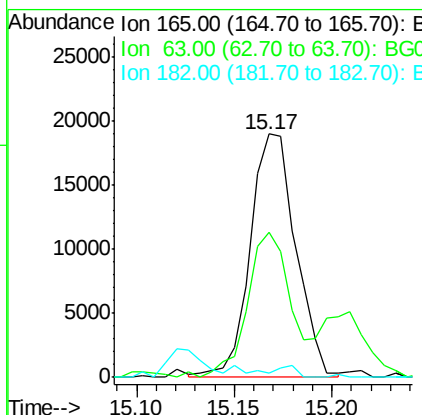
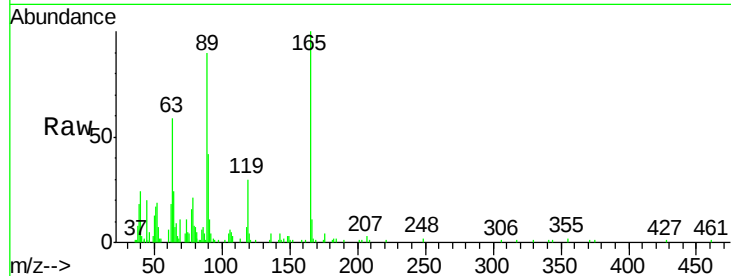
#54
2,4-Dinitrotoluene
Concen: 2.09 ng/ul
RT: 15.17 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampled :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.4	25.7	38.5#
182	1.6	2.1	3.1#

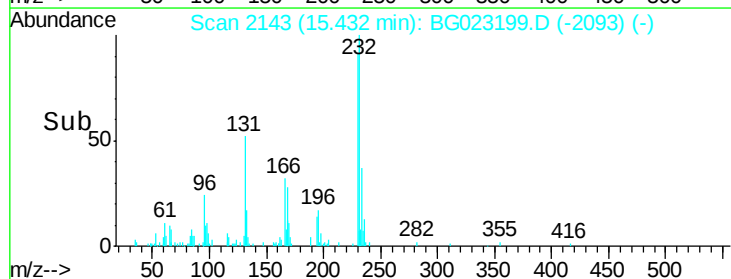
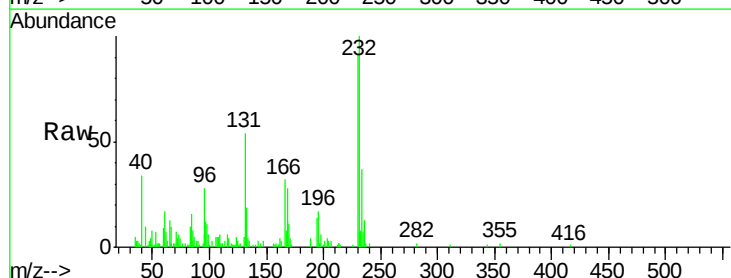
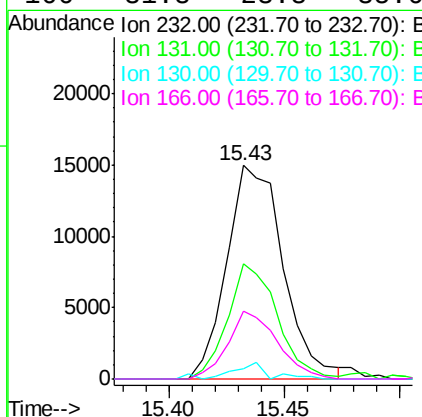
Manual Integrations

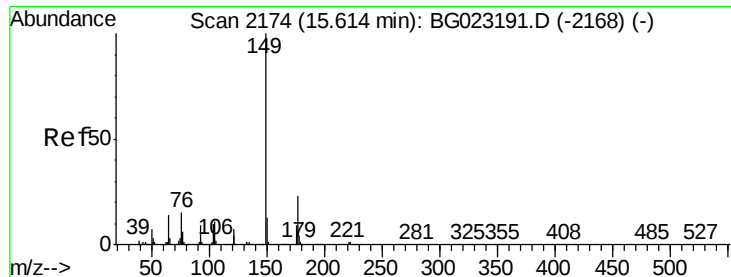
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#55
2,3,4,6-Tetrachlorophenol
Concen: 2.02 ng/ul
RT: 15.43 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.7	34.8	52.2#
130	4.9	2.2	3.2#
166	31.8	23.8	35.6





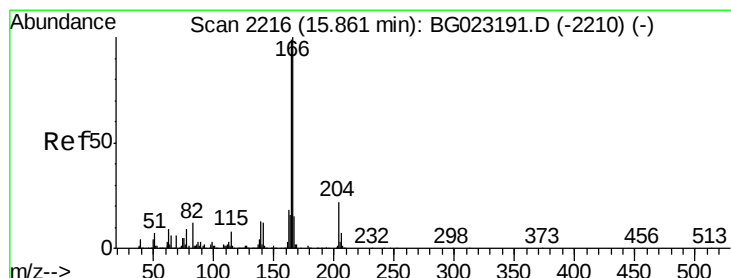
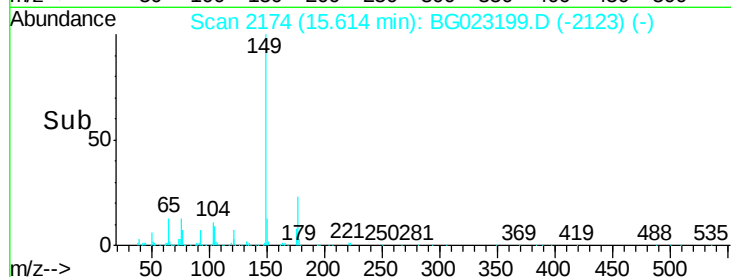
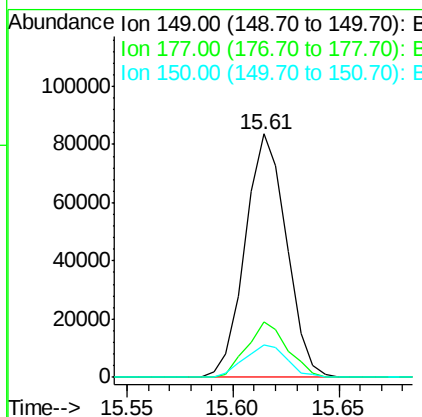
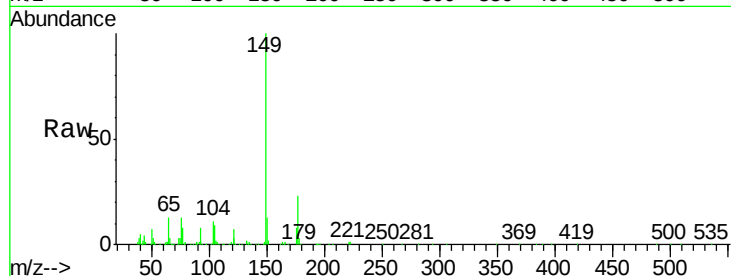
#56
Diethylphthalate
Concen: 2.41 ng/ul
RT: 15.61 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.4	26.2
150	13.3	9.6	14.4

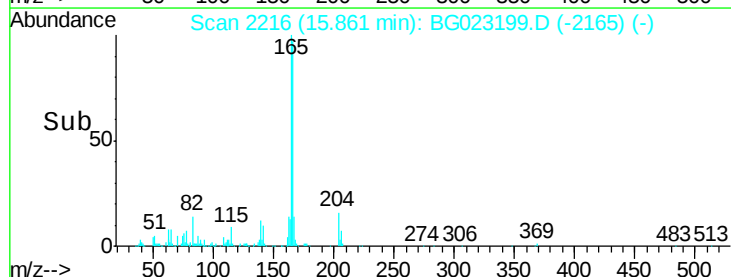
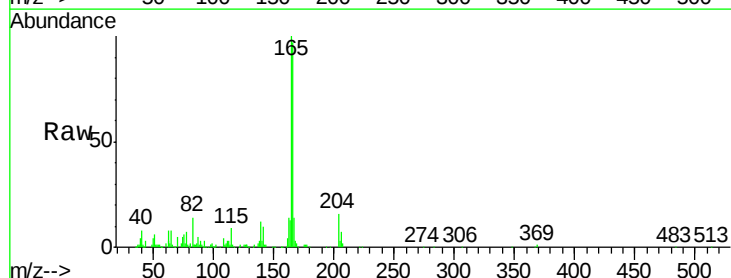
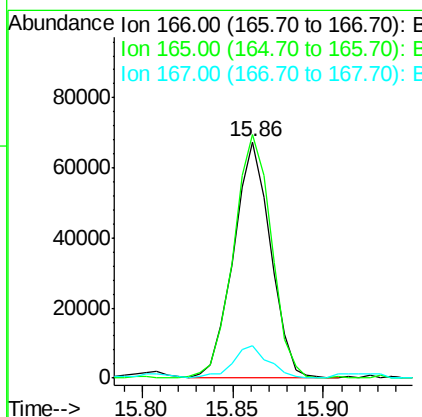
Manual Integrations

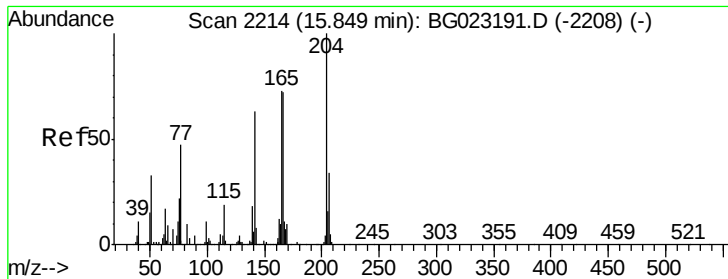
sohil
7/21/2016 1:51:00 PM



#58
Fluorene
Concen: 2.31 ng/ul
RT: 15.86 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.9	80.3	120.5
167	13.9	10.3	15.5





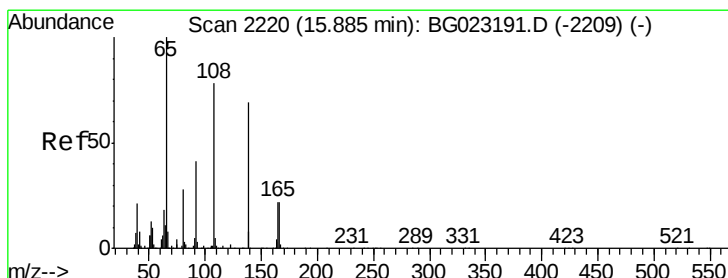
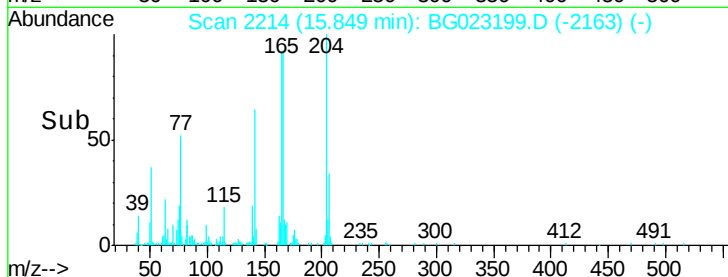
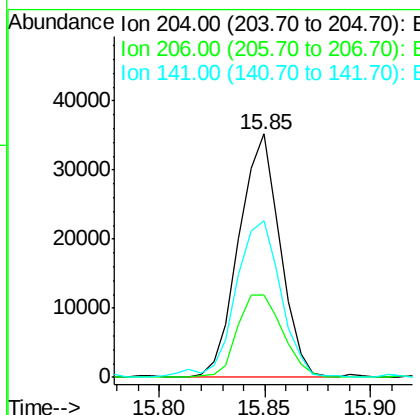
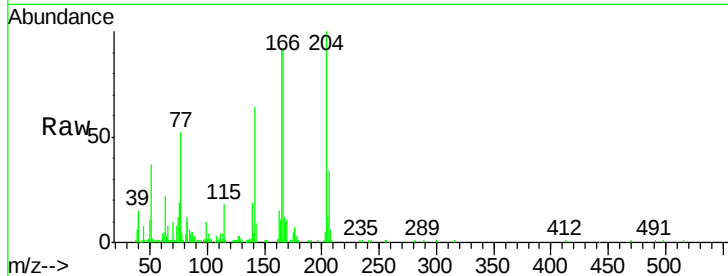
#59
4-Chlorophenyl-phenylether
Concen: 2.09 ng/ul
RT: 15.85 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.4	41.2
141	64.1	47.1	70.7

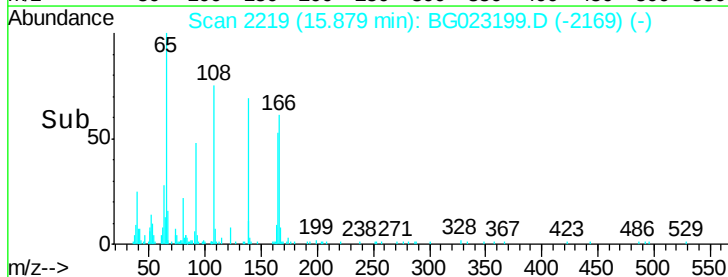
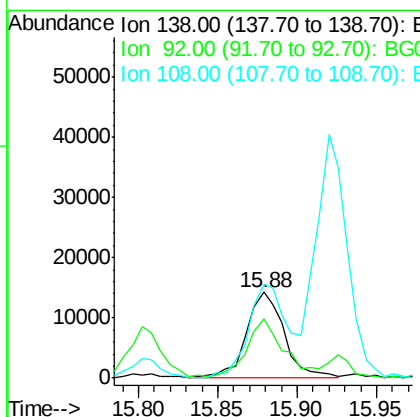
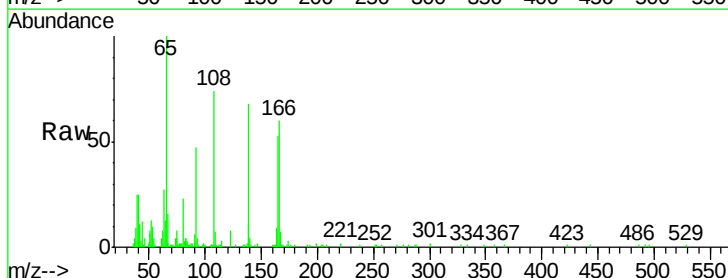
Manual Integrations

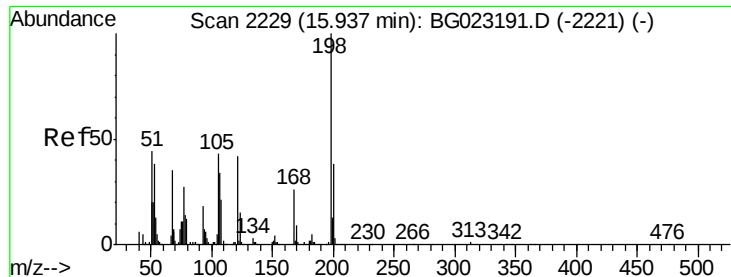
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#60
4-Nitroaniline
Concen: 2.36 ng/ul
RT: 15.88 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	69.1	39.0	58.4#
108	108.7	49.2	73.8#





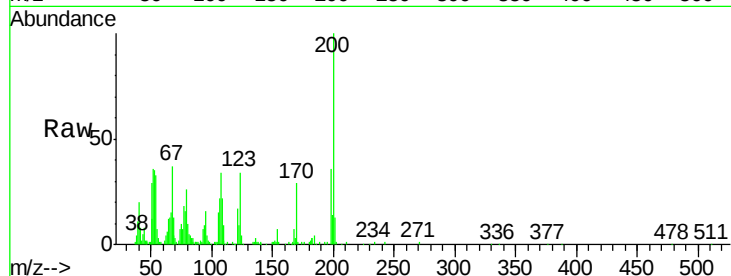
#63
4,6-Dinitro-2-methylphenol
Concen: 2.52 ng/ul m
RT: 15.94 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
198	100		
182	8.7	4.2	6.2#
77	49.4	16.7	25.1#

Manual Integrations

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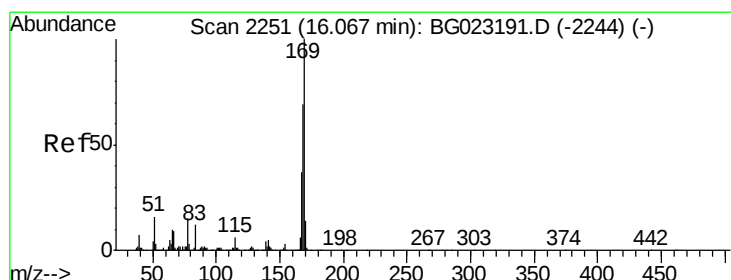
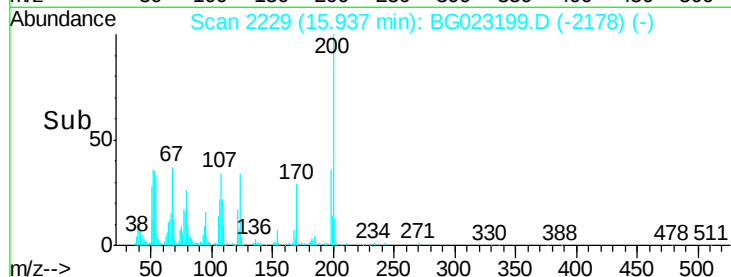
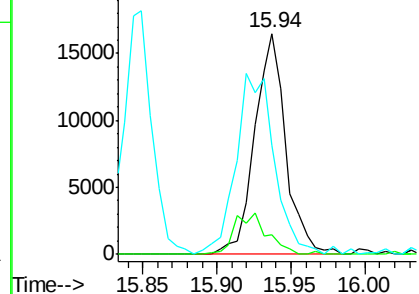


Abundance

Ion 198.00 (197.70 to 198.70): E

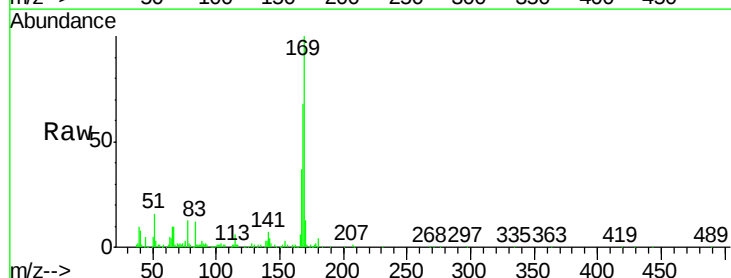
Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BGC



#64
N-Nitrosodiphenylamine
Concen: 2.27 ng/ul
RT: 16.06 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.5	59.0	88.6
167	37.3	30.6	46.0

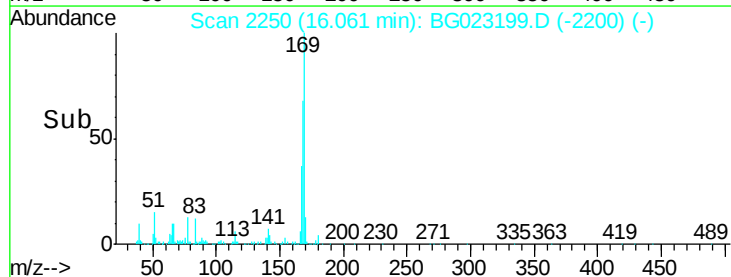
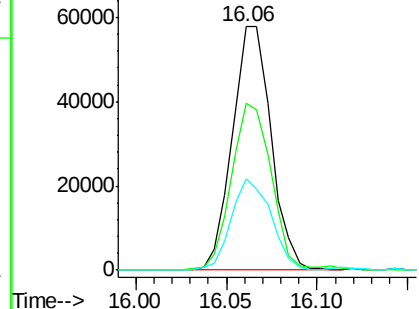


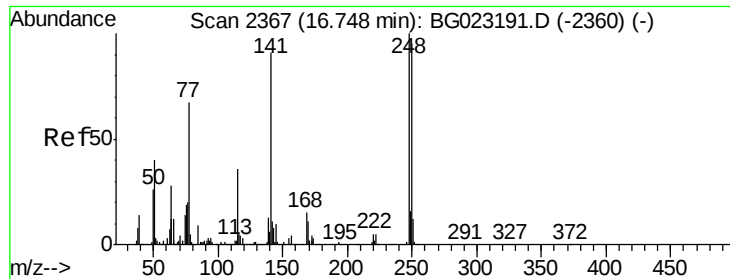
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





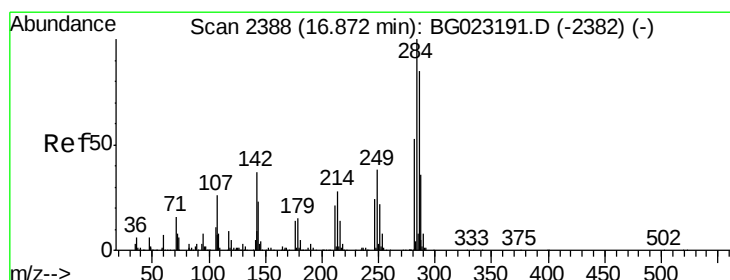
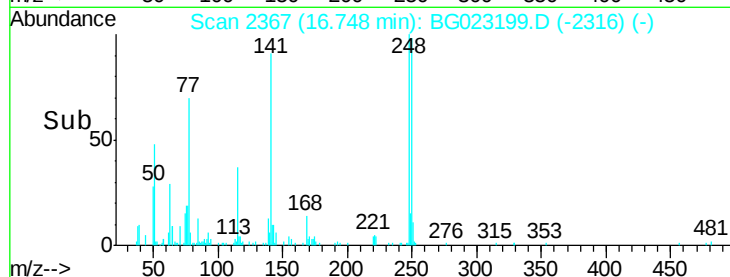
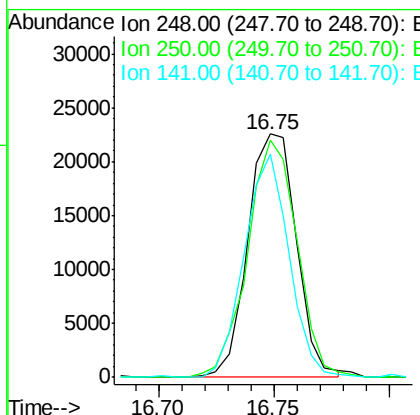
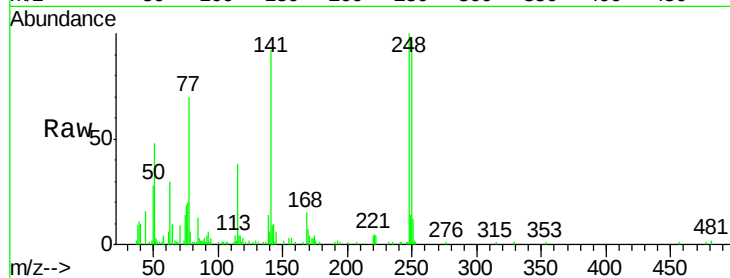
#65
4-Bromophenyl-phenylether
Concen: 2.19 ng/ul
RT: 16.75 min Scan# 2367
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.6	114.8
141	91.5	61.8	92.6

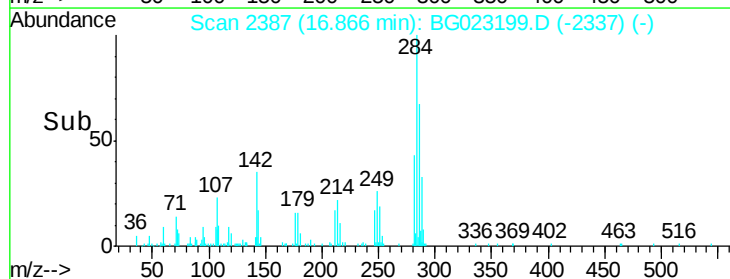
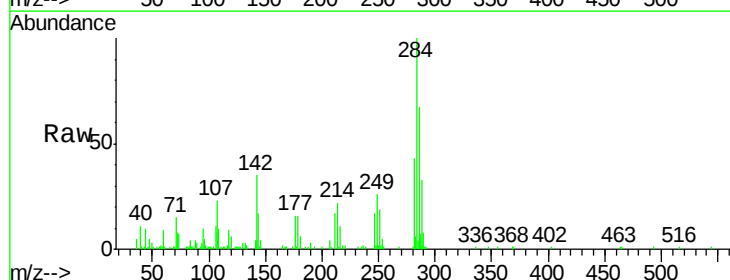
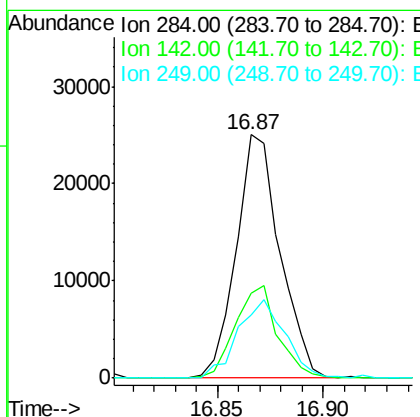
Manual Integrations

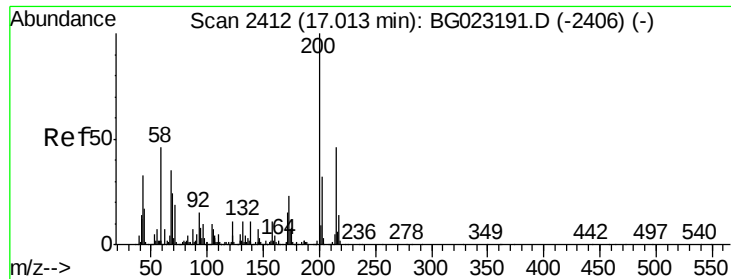
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7/21/2016 1:51:00 PM



#66
Hexachlorobenzene
Concen: 2.32 ng/ul
RT: 16.87 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.8	41.8
249	26.2	24.4	36.6





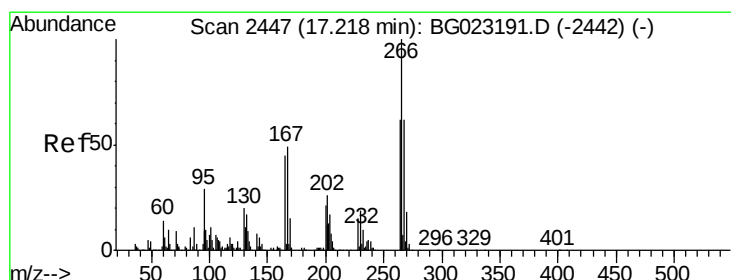
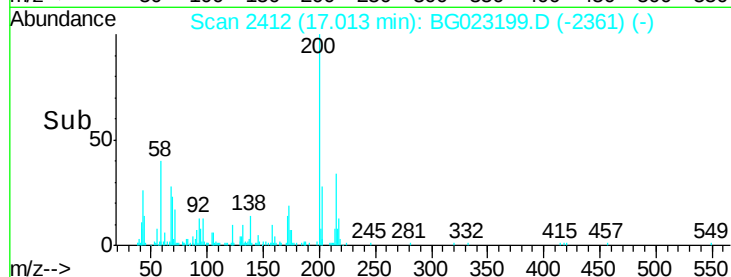
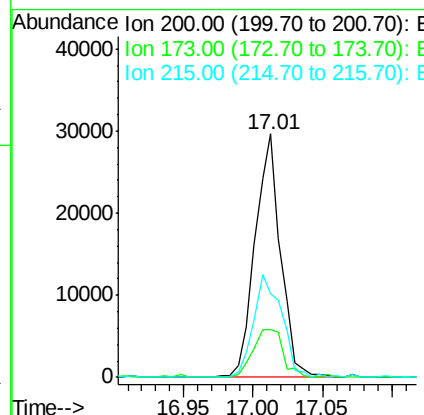
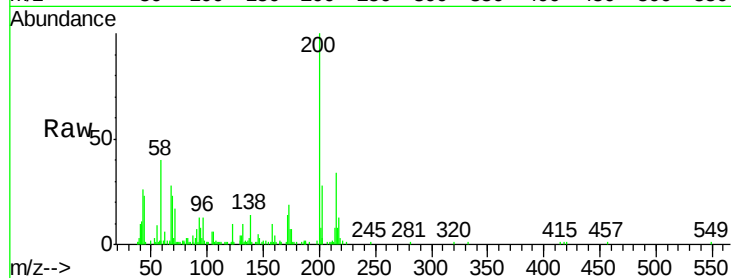
#67
Atrazine
Concen: 2.34 ng/ul m
RT: 17.01 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
200	100		
173	19.4	21.0	31.6#
215	34.4	37.9	56.9#

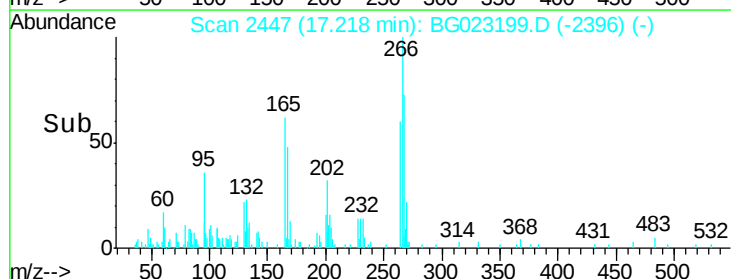
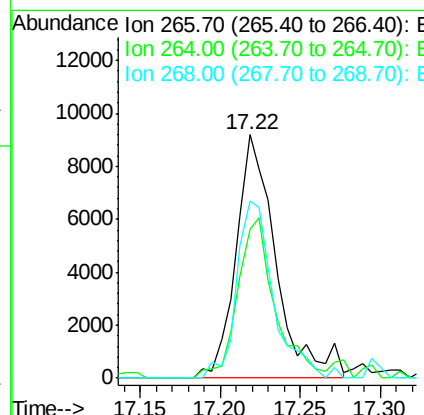
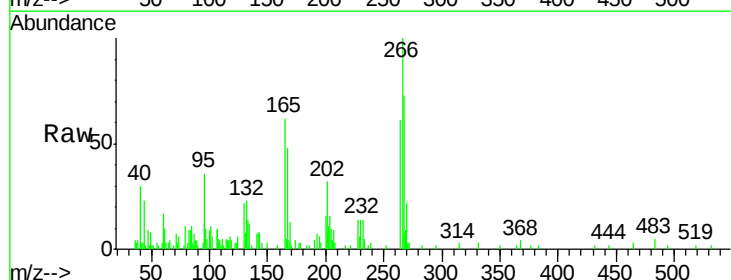
Manual Integrations

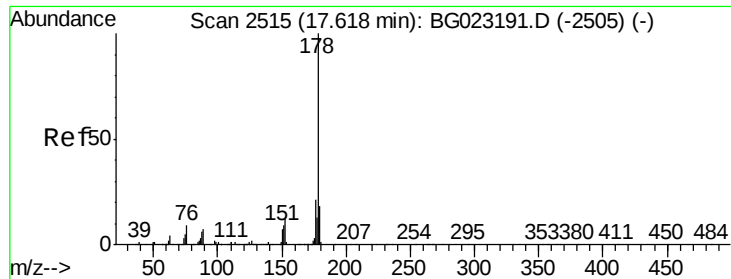
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7/21/2016 1:51:00 PM



#68
Pentachlorophenol
Concen: 1.67 ng/ul m
RT: 17.22 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.3	54.7	82.1
268	72.9	57.8	86.8





#69

Phenanthrene

Concen: 2.54 ng/ul m

RT: 17.61 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Instrument :

BNA_G

ClientSampleId :

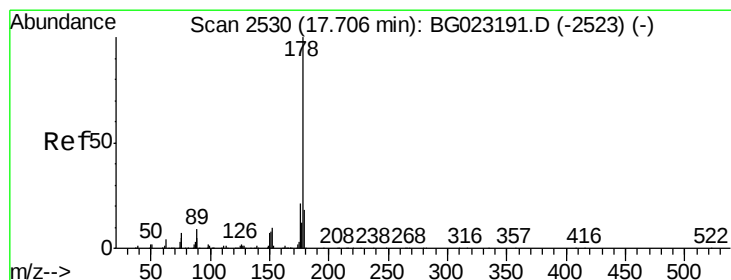
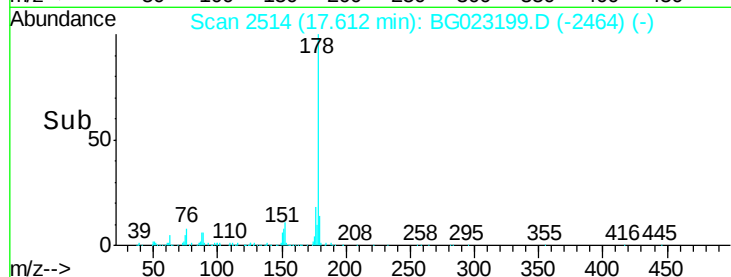
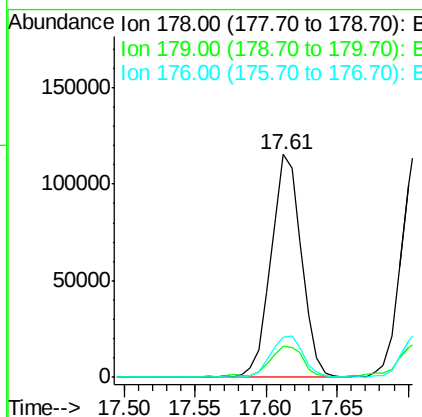
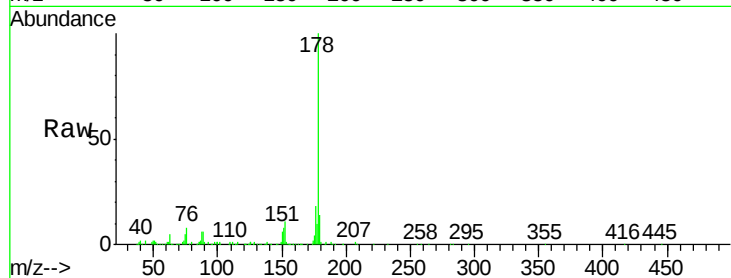
MDL-07-W

Tgt Ion:	178	Resp:	171624
Ion	Ratio	Lower	Upper
178	100		
179	13.9	12.9	19.3
176	17.8	15.8	23.8

Manual Integrations

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7/21/2016 1:51:00 PM



#71

Anthracene

Concen: 2.52 ng/ul

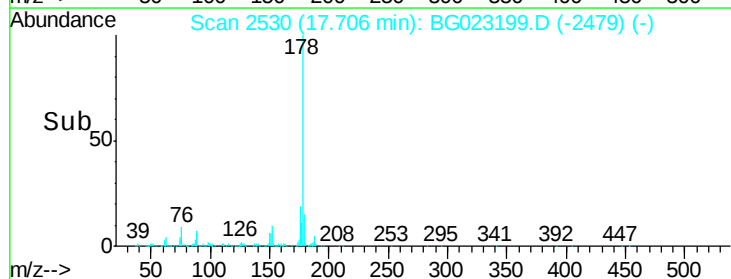
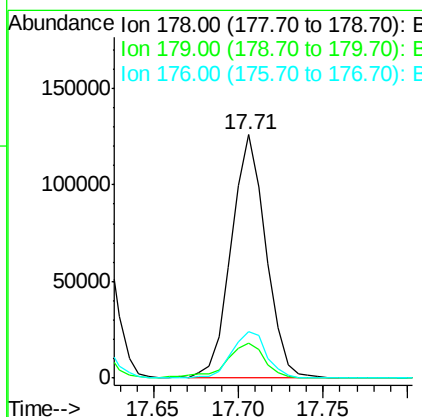
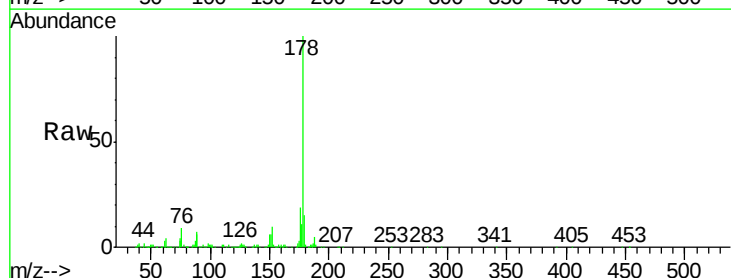
RT: 17.71 min Scan# 2530

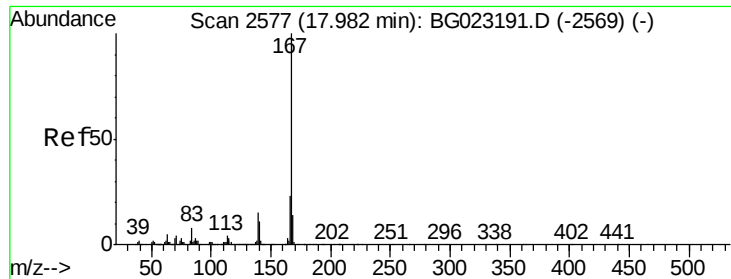
Delta R.T. 0.00 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Tgt Ion:	178	Resp:	178254
Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	19.0	16.3	24.5





#72

Carbazole

Concen: 2.70 ng/ul

RT: 17.98 min Scan# 2577

Delta R.T. 0.00 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Instrument :

BNA_G

ClientSampleId :

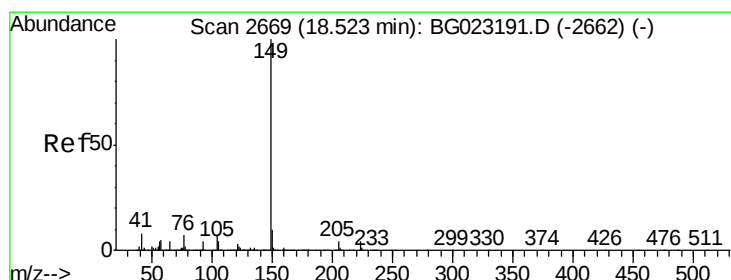
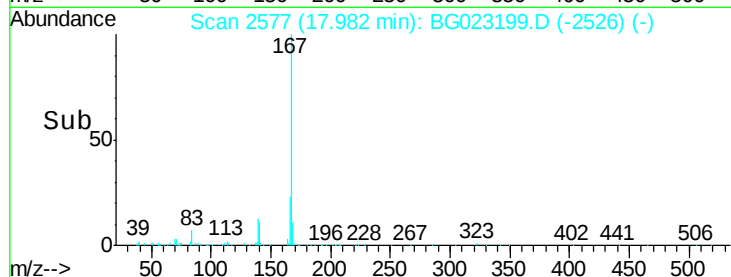
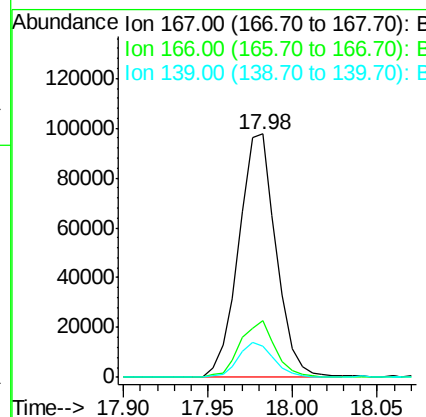
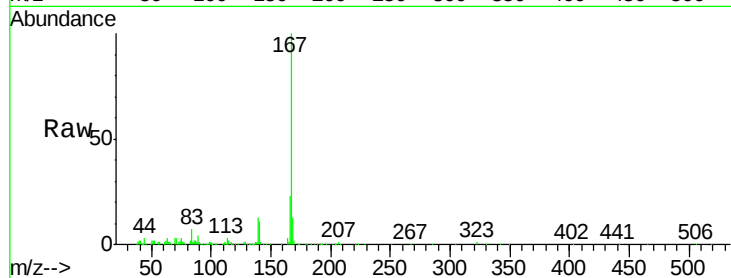
MDL-07-W

Tgt Ion:	167	Resp:	150653
Ion Ratio	Lower	Upper	
167	100		
166	23.3	19.2	28.8
139	12.8	10.2	15.4

Manual Integrations

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7/21/2016 1:51:00 PM



#73

Di-n-butylphthalate

Concen: 2.54 ng/ul m

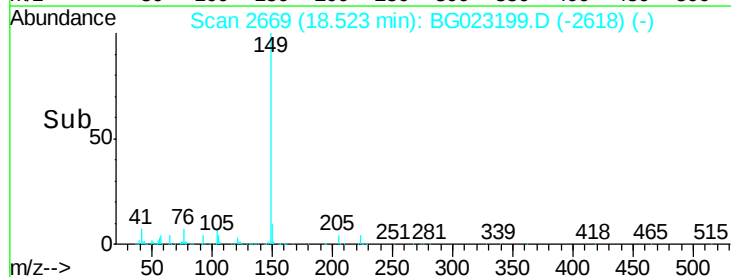
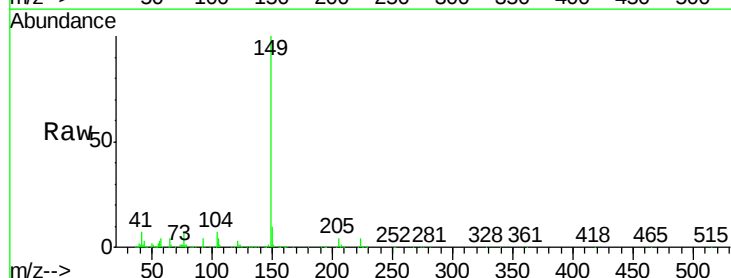
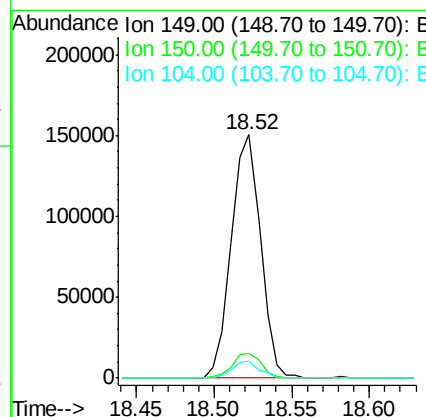
RT: 18.52 min Scan# 2669

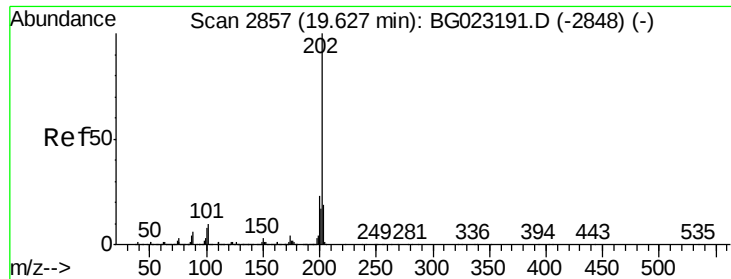
Delta R.T. 0.00 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Tgt Ion:	149	Resp:	196256
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.1	10.7
104	7.0	3.3	4.9





#74

Fluoranthene

Concen: 2.94 ng/ul m

RT: 19.63 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Instrument :

BNA_G

ClientSampleId :

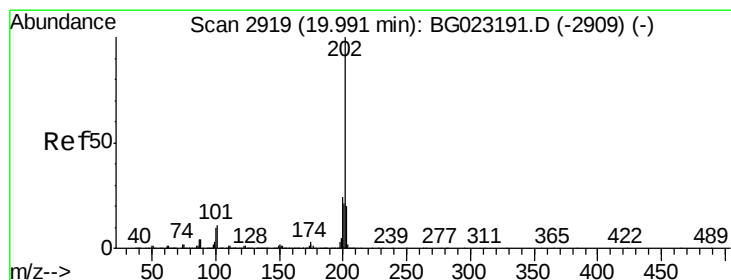
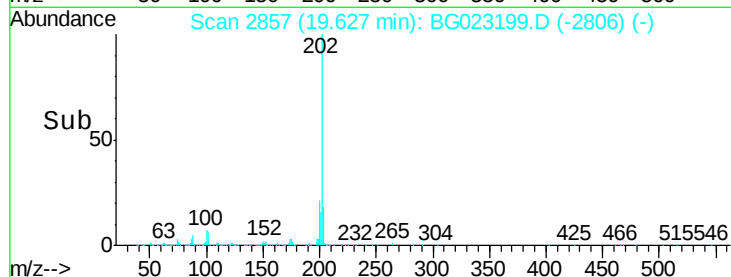
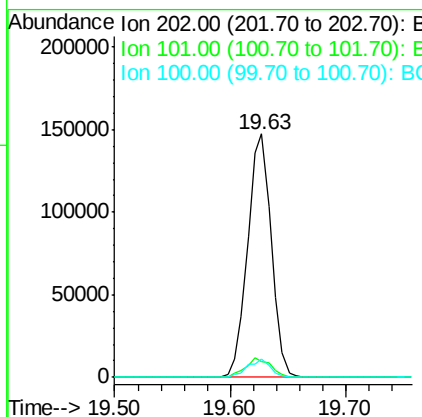
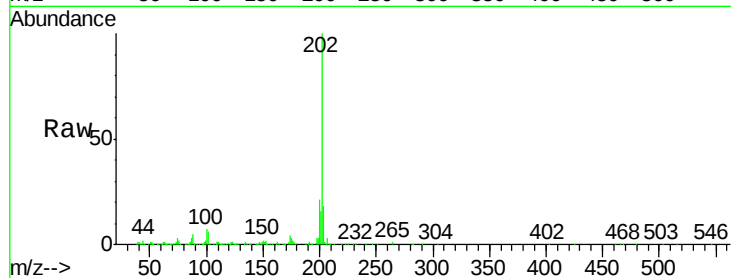
MDL-07-W

Tgt	Ion	Ratio	Lower	Upper
202	100			
101	6.2	10.6	16.0#	
100	7.3	8.7	13.1#	

Manual Integrations

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7/21/2016 1:51:00 PM



#77

Pyrene

Concen: 2.62 ng/ul

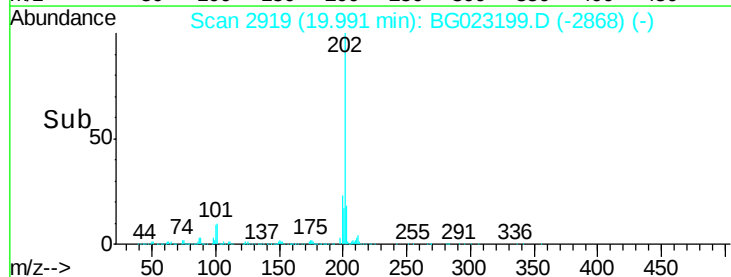
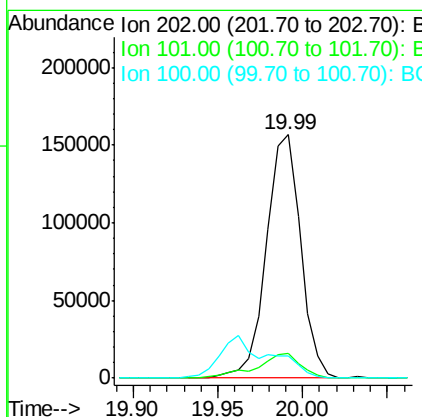
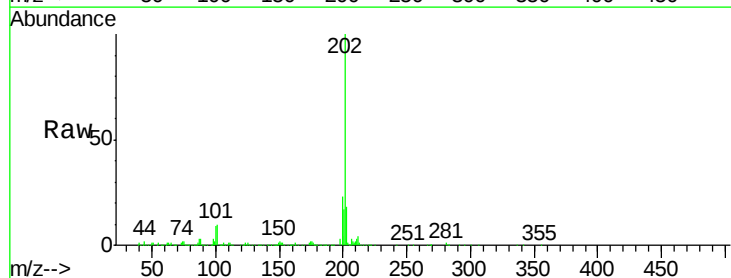
RT: 19.99 min Scan# 2919

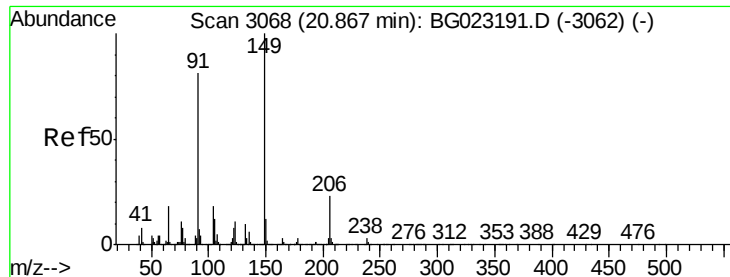
Delta R.T. 0.00 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Tgt	Ion	Ratio	Lower	Upper
202	100			
101	10.2	12.5	18.7#	
100	9.1	10.2	15.4#	





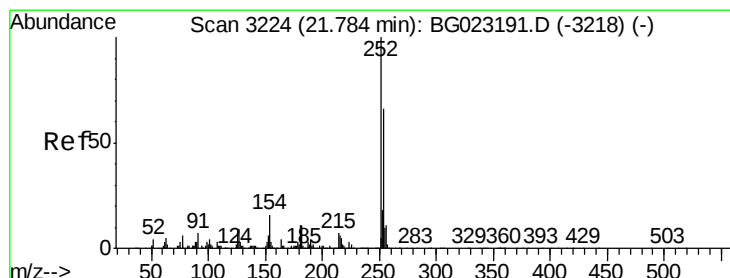
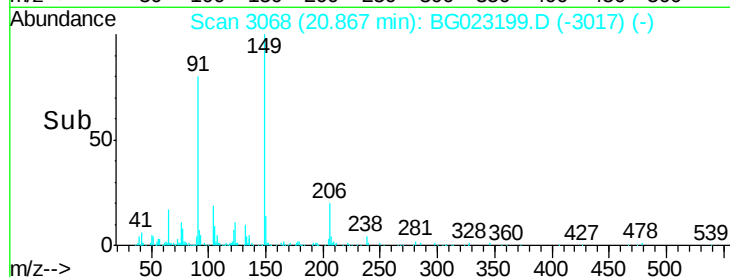
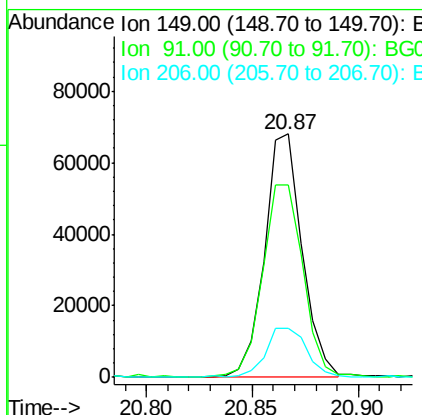
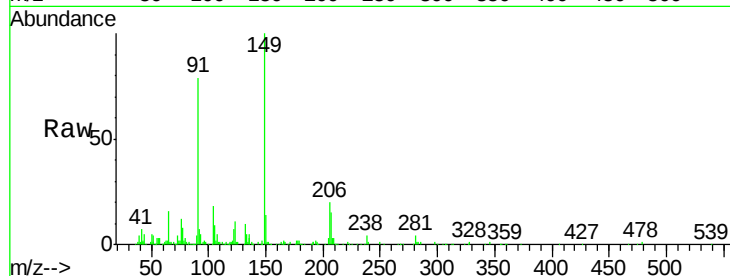
#78
Butylbenzylphthalate
Concen: 2.28 ng/ul
RT: 20.87 min Scan# 3068
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.0	54.2	81.4
206	20.3	14.1	21.1

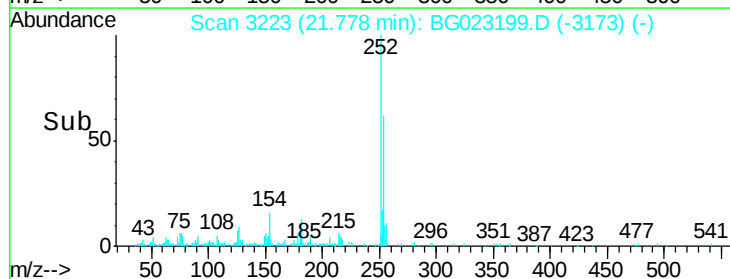
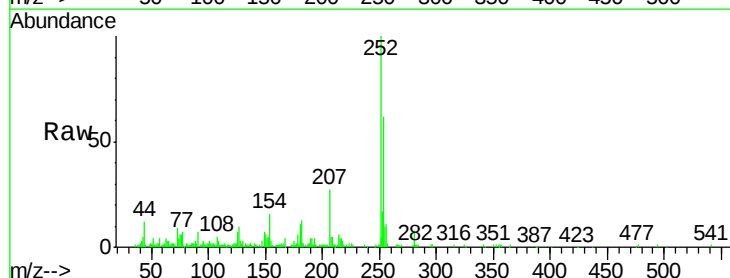
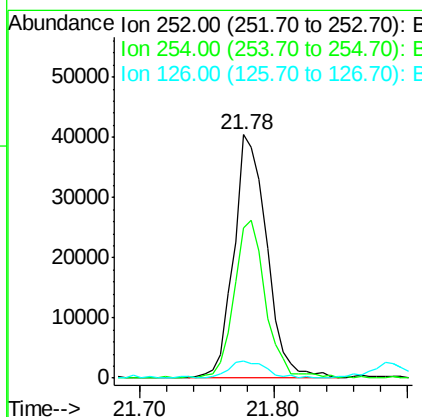
Manual Integrations

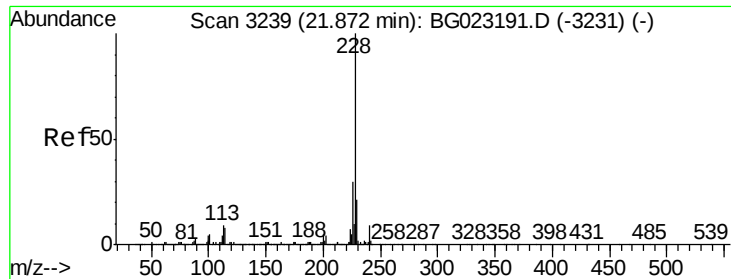
sohil
7/21/2016 1:51:00 PM



#79
3,3'-Dichlorobenzidine
Concen: 2.50 ng/ul
RT: 21.78 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.9	51.4	77.2
126	7.2	10.7	16.1





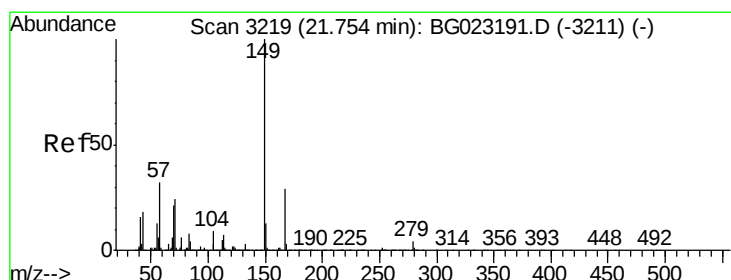
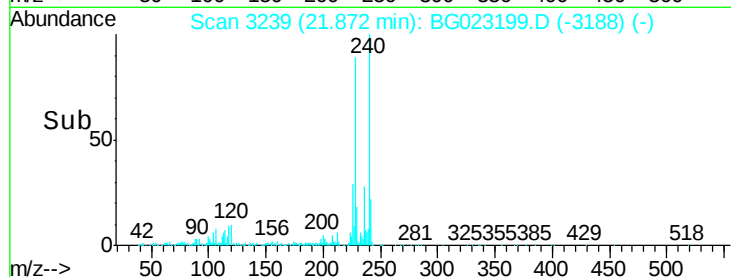
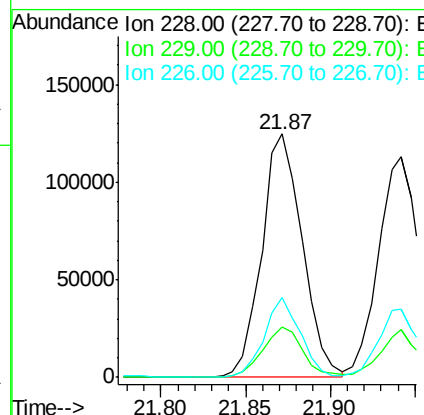
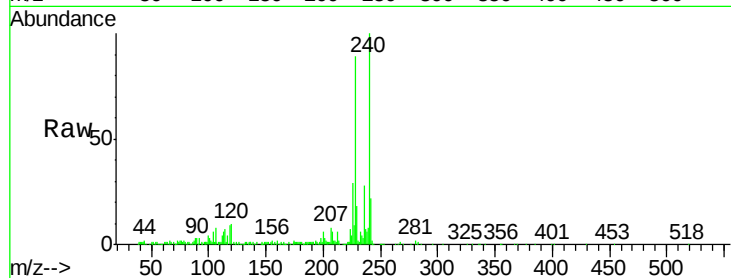
#80
Benzo(a)anthracene
Concen: 2.53 ng/ul
RT: 21.87 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.2
226	32.6	22.8	34.2

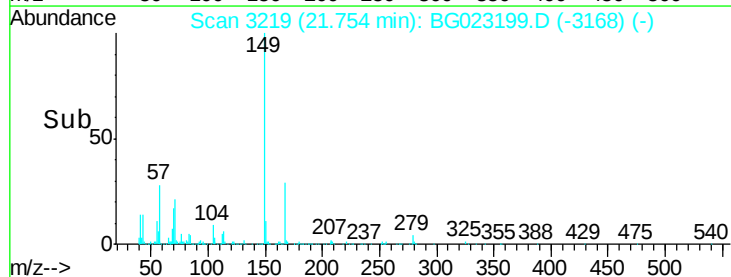
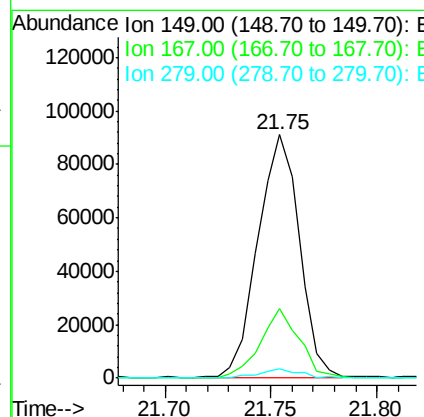
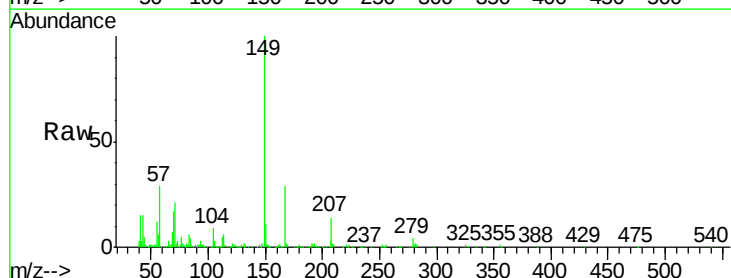
Manual Integrations

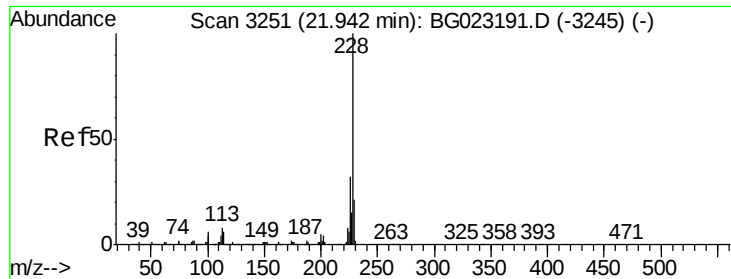
sohil
7/21/2016 1:51:00 PM



#81
Bis(2-ethylhexyl)phthalate
Concen: 2.47 ng/ul
RT: 21.75 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.9	32.9
279	3.9	2.9	4.3





#82

Chrysene

Concen: 2.54 ng/ul

RT: 21.94 min Scan# 3251

Delta R.T. 0.00 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Instrument :

BNA_G

ClientSampleId :

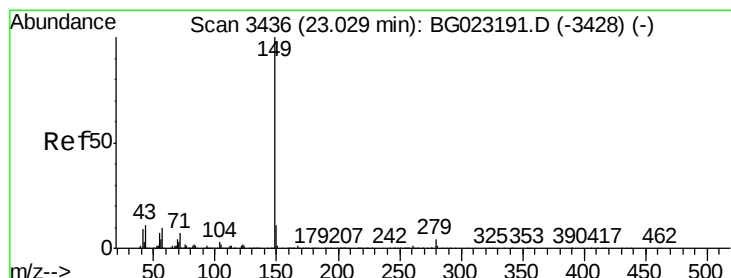
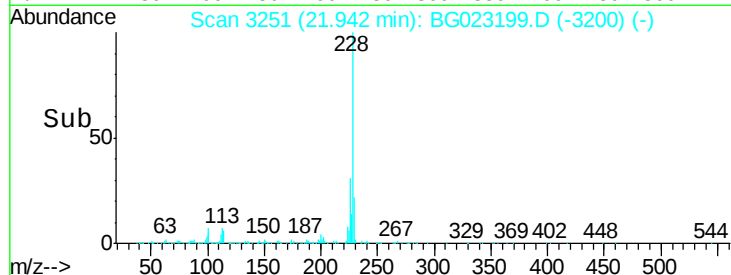
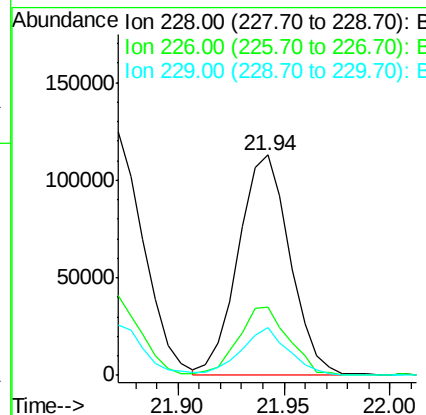
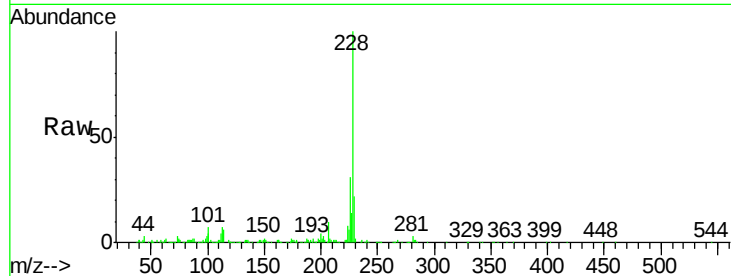
MDL-07-W

Tgt Ion:	228	Resp:	190127
Ion Ratio		Lower	Upper
228	100		
226	31.1	24.2	36.4
229	21.9	15.0	22.6

Manual Integrations

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7/21/2016 1:51:00 PM



#84

Di-n-octyl phthalate

Concen: 2.66 ng/ul

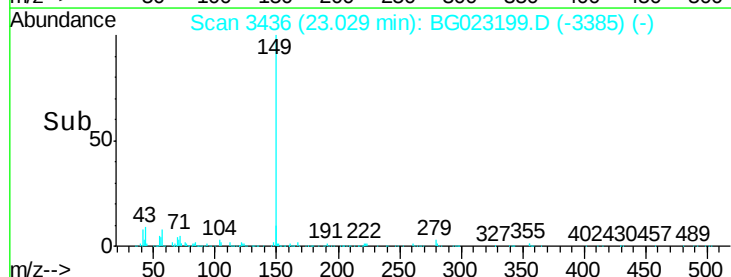
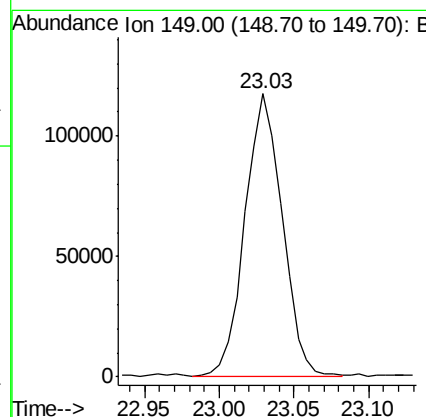
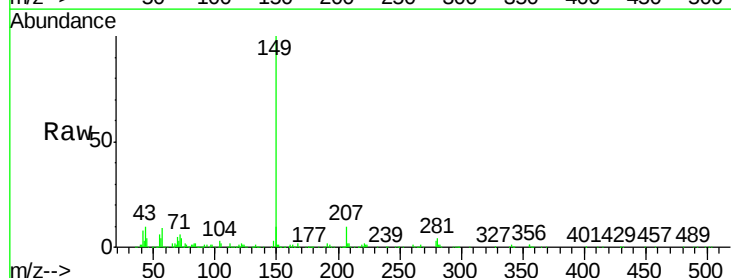
RT: 23.03 min Scan# 3436

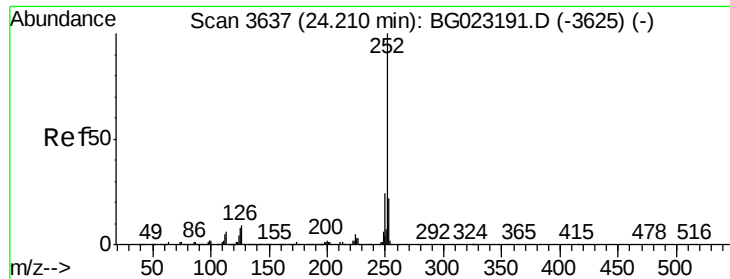
Delta R.T. 0.00 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Tgt Ion:149 Resp: 203504





#85

Benzo(b)fluoranthene

Concen: 2.39 ng/ul

RT: 24.21 min Scan# 3637

Delta R.T. 0.00 min

Lab File: BG023199.D

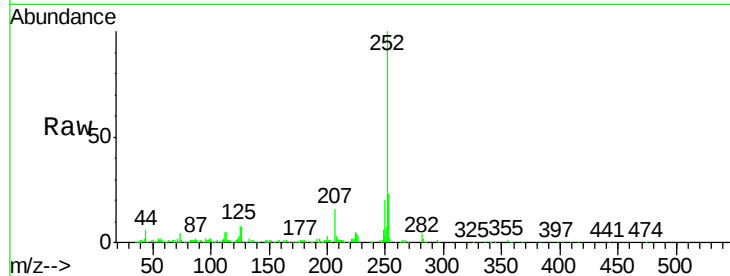
Acq: 20 Jul 2016 22:34

Instrument :

BNA_G

ClientSampled :

MDL-07-W

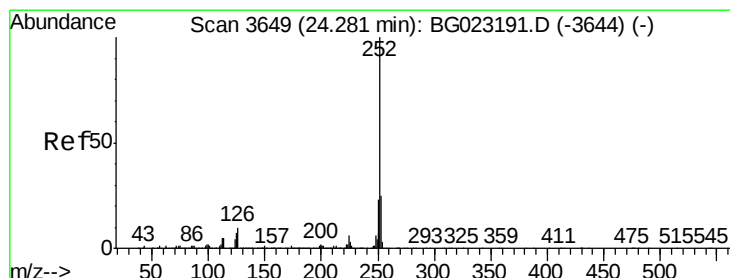
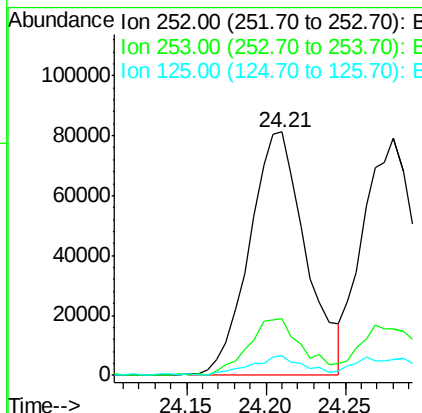
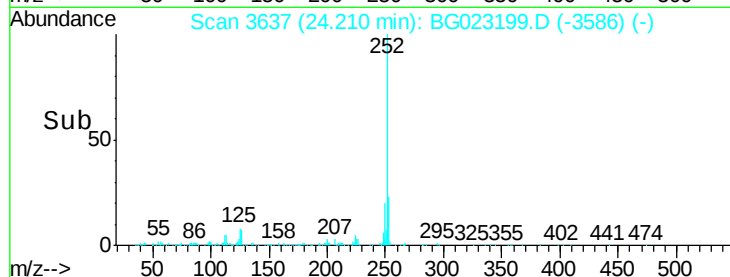


Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	7.9	10.8	16.2

Manual Integrations

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7/21/2016 1:51:00 PM



#86

Benzo(k)fluoranthene

Concen: 2.40 ng/ul

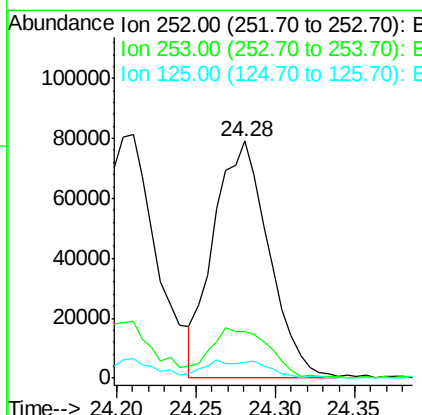
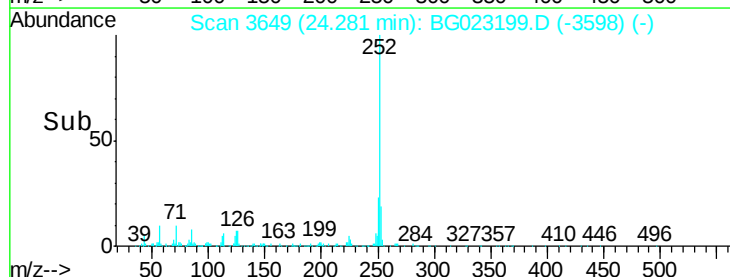
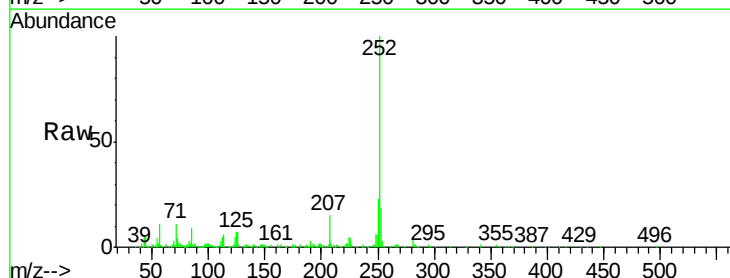
RT: 24.28 min Scan# 3649

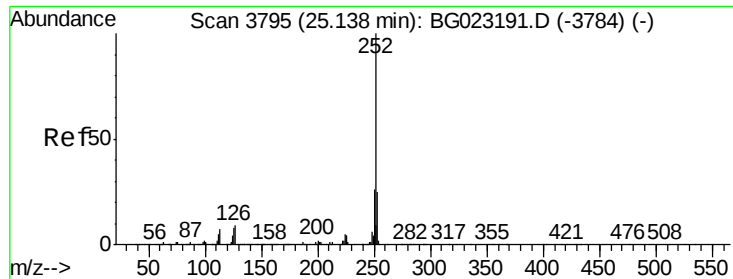
Delta R.T. 0.00 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.5	15.8	23.6
125	6.7	10.6	16.0





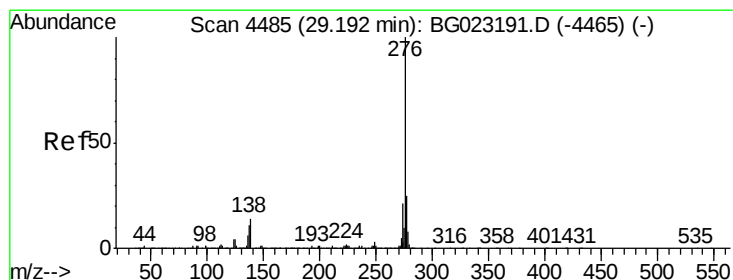
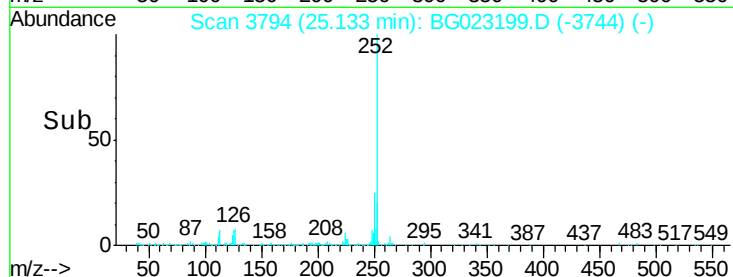
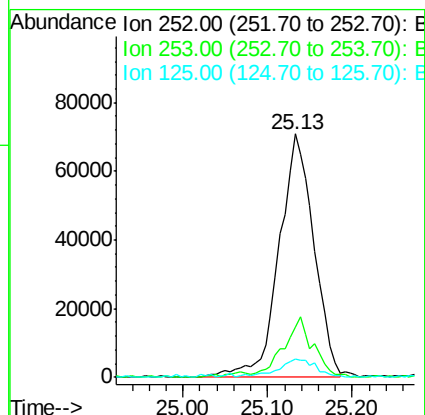
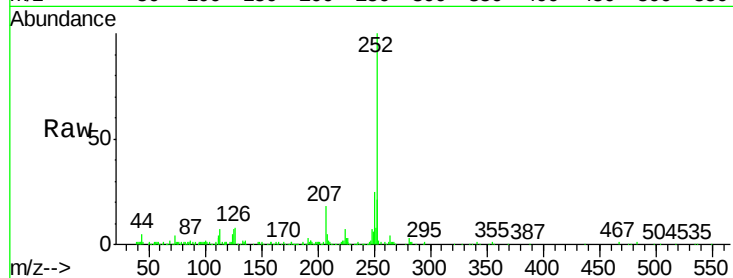
#88
Benzo(a)pyrene
Concen: 2.54 ng/ul
RT: 25.13 min Scan# 3794
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	19.0	28.4
125	7.4	12.0	18.0#

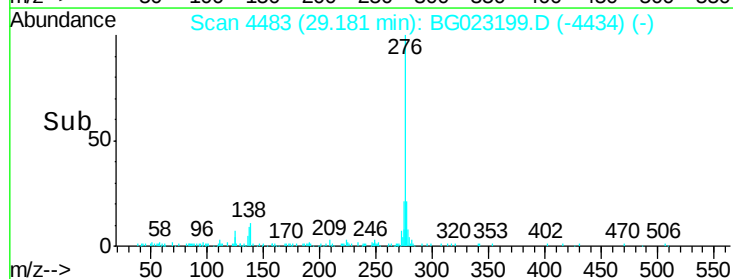
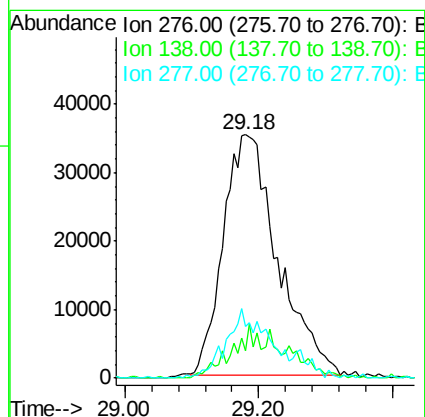
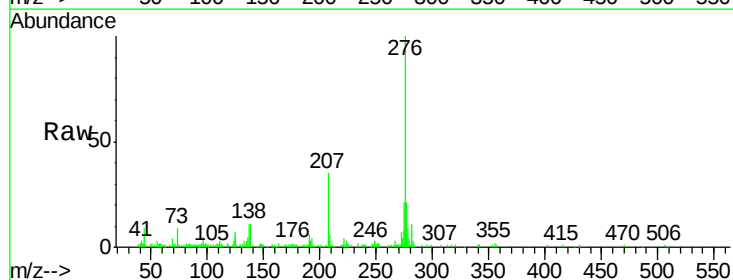
Manual Integrations

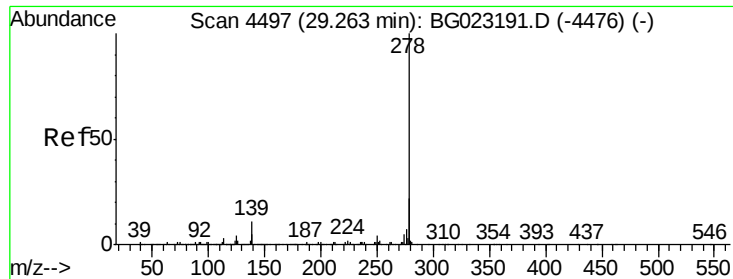
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7/21/2016 1:51:00 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 2.21 ng/ul
RT: 29.18 min Scan# 4483
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.2	20.8	31.2#
277	21.4	17.6	26.4





#90

Dibenzo(a,h)anthracene

Concen: 2.29 ng/ul

RT: 29.25 min Scan# 4495

Delta R.T. -0.01 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Instrument :

BNA_G

ClientSampleId :

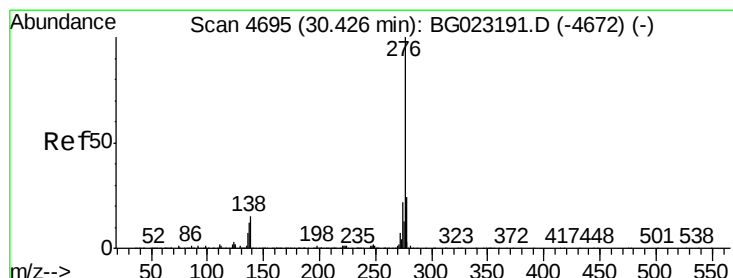
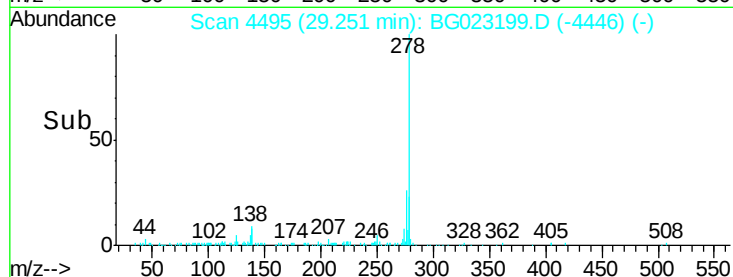
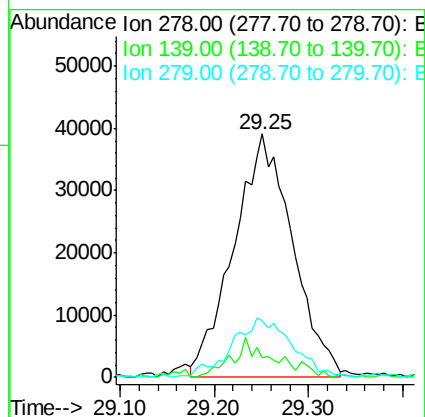
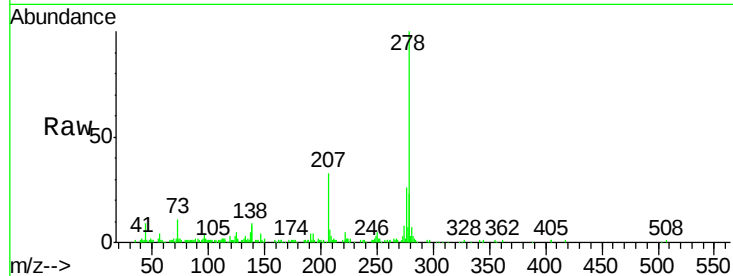
MDL-07-W

Tgt Ion:	278	Resp:	169496
Ion Ratio	Lower	Upper	
278	100		
139	8.1	16.3	24.5#
279	23.1	19.1	28.7

Manual Integrations

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7/21/2016 1:51:00 PM



#91

Benzo(g,h,i)perylene

Concen: 2.32 ng/ul m

RT: 30.40 min Scan# 4691

Delta R.T. -0.02 min

Lab File: BG023199.D

Acq: 20 Jul 2016 22:34

Tgt Ion:	276	Resp:	172800
Ion Ratio	Lower	Upper	
276	100		
138	10.2	22.1	33.1#
277	18.5	17.0	25.4

