

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081715\
 Data File : BG018452.D
 Acq On : 17 Aug 2015 14:15
 Operator : UM/MA
 Sample : MDL-07-S
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:21:12 PM

Quant Time: Aug 18 02:28:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 01:30:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	103290	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	469705	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	308047	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	797265	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	796210	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	794033	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	16218	6.94	ng/uL	0.00
5) Phenol-d5	7.17	99	324532	34.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	206174	35.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	239850	33.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	275754	35.01	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	136022	37.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	137016	36.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	267936	33.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	380566	42.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	914393	35.28	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	1133060	34.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	184939	39.67	ng/ul	0.00
58) Fluorene-d10	15.63	176	801290	35.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	140090	35.72	ng/ul	0.00
71) Anthracene-d10	17.49	188	1316707	34.53	ng/ul	0.00
79) Pyrene-d10	19.77	212	1438707	34.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	1503816	35.67	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.48	88	2149m	0.86	ng/ul
4) Benzaldehyde	7.15	77	19361	3.52	ng/ul 94
6) Phenol	7.20	94	29250	3.06	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.43	93	25374	3.45	ng/ul# 94
10) 2-Chlorophenol	7.59	128	21017	2.87	ng/ul 94
11) 2-Methylphenol	8.45	108	21908	2.95	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.55	45	29862	2.53	ng/ul# 95
14) Acetophenone	8.84	105	40208	3.53	ng/ul# 82
15) N-Nitroso-di-n-propylamine	8.81	70	19547	2.99	ng/ul# 95
16) 4-Methylphenol	8.77	108	23639	2.92	ng/ul 83
17) Hexachloroethane	9.11	117	8964	2.84	ng/ul 90
20) Nitrobenzene	9.21	77	27005	2.92	ng/ul 93
21) Isophorone	9.74	82	54555	3.07	ng/ul 99
23) 2-Nitrophenol	9.93	139	13175	3.18	ng/ul 97
24) 2,4-Dimethylphenol	9.99	107	26476	2.85	ng/ul 89
25) Bis(2-Chloroethoxy)methane	10.22	93	33397	3.01	ng/ul# 90
27) 2,4-Dichlorophenol	10.46	162	21847	2.95	ng/ul 95
28) Naphthalene	10.87	128	76576	3.08	ng/ul 97
30) 4-Chloroaniline	10.97	127	33801	3.72	ng/ul 90
31) Hexachlorobutadiene	11.16	225	13589	2.90	ng/ul 91
32) Caprolactam	11.76	113	10367m	3.47	ng/ul
33) 4-Chloro-3-methylphenol	12.09	107	25960	3.02	ng/ul 97
34) 2-Methylnaphthalene	12.47	142	57369	3.19	ng/ul 96

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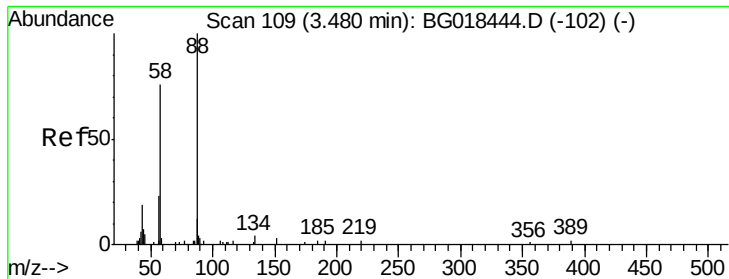
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	28374	2.87	ng/ul	97
38) Hexachlorocyclopentadiene	12.82	237	14576	2.48	ng/ul#	89
39) 2,4,6-Trichlorophenol	13.07	196	19066	2.83	ng/ul	87
40) 2,4,5-Trichlorophenol	13.15	196	19822	2.74	ng/ul	89
41) 1,1'-Biphenyl	13.48	154	76472	2.97	ng/ul	97
42) 2-Chloronaphthalene	13.52	162	57645	2.89	ng/ul	96
43) 2-Nitroaniline	13.71	65	18600	2.88	ng/ul	95
45) Dimethylphthalate	14.09	163	80659	3.16	ng/ul	99
46) 2,6-Dinitrotoluene	14.21	165	15287	3.00	ng/ul	96
48) Acenaphthylene	14.37	152	101731	3.11	ng/ul	98
49) 3-Nitroaniline	14.53	138	17147	3.30	ng/ul#	83
50) Acenaphthene	14.71	153	68764	2.99	ng/ul	93
51) 2,4-Dinitrophenol	14.74	184	5227	2.11	ng/ul	92
53) 4-Nitrophenol	14.84	109	13122	3.24	ng/ul	97
54) Dibenzofuran	15.04	168	96072	3.20	ng/ul	94
55) 2,4-Dinitrotoluene	14.99	165	23961	3.30	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.26	232	17971	2.85	ng/ul#	90
57) Diethylphthalate	15.45	149	87119	3.21	ng/ul	97
59) Fluorene	15.69	166	82210	3.18	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.68	204	38692	3.17	ng/ul	89
61) 4-Nitroaniline	15.69	138	18999	3.31	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.76	198	12873	3.08	ng/ul#	70
65) N-Nitrosodiphenylamine	15.89	169	69521	2.90	ng/ul	96
66) 4-Bromophenyl-phenylether	16.57	248	24939	2.89	ng/ul	92
67) Hexachlorobenzene	16.69	284	26429	2.90	ng/ul	94
68) Atrazine	16.83	200	28869	3.22	ng/ul	92
69) Pentachlorophenol	17.03	266	11399	1.87	ng/ul	96
70) Phenanthrene	17.43	178	136863	3.16	ng/ul	95
72) Anthracene	17.52	178	139640	3.17	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	27294	2.47	ng/uL	97
74) Pentachlorobenzene	14.96	250	29504	2.80	ng/uL	95
75) Carbazole	17.78	167	130345	3.37	ng/ul	99
76) Di-n-butylphthalate	18.34	149	166423	3.30	ng/ul	98
77) Fluoranthene	19.43	202	168599	3.65	ng/ul	99
80) Pyrene	19.79	202	173172	3.22	ng/ul	97
81) Butylbenzylphthalate	20.68	149	67335	2.96	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.54	252	53327	3.23	ng/ul#	95
83) Benzo(a)anthracene	21.62	228	157381	3.19	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	101938	3.17	ng/ul	99
85) Chrysene	21.69	228	141610	3.07	ng/ul	94
87) Di-n-octyl phthalate	22.74	149	173006	3.38	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	149670m	3.00	ng/ul	
89) Benzo(k)fluoranthene	23.89	252	144204	3.00	ng/ul	98
91) Benzo(a)pyrene	24.69	252	142526	3.00	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.47	276	161603m	2.94	ng/ul	
93) Dibenzo(a,h)anthracene	28.54	278	138196m	3.03	ng/ul	
94) Benzo(g,h,i)perylene	29.61	276	134834	2.93	ng/ul#	93

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



#2

1,4-Dioxane

Concen: 0.86 ng/uL m

RT: 3.48 min Scan# 110

Delta R.T. 0.00 min

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Instrument :

BNA_G

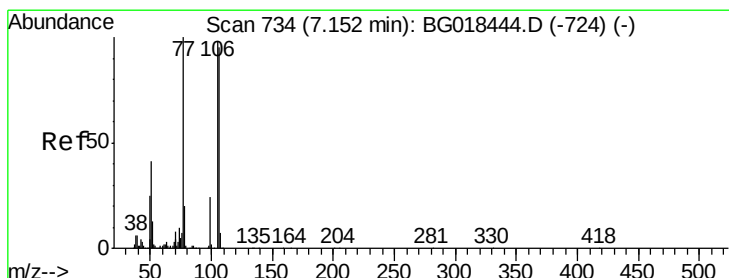
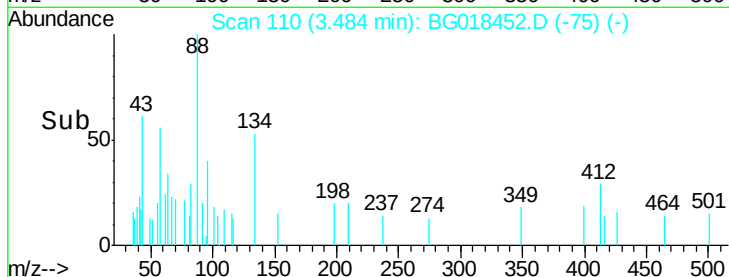
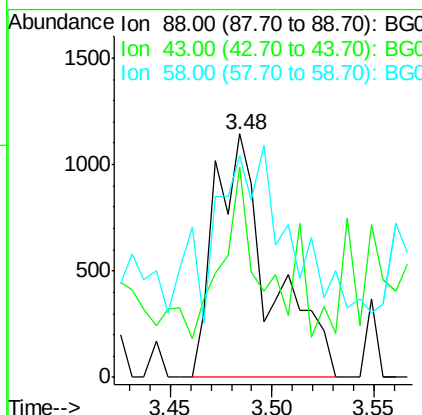
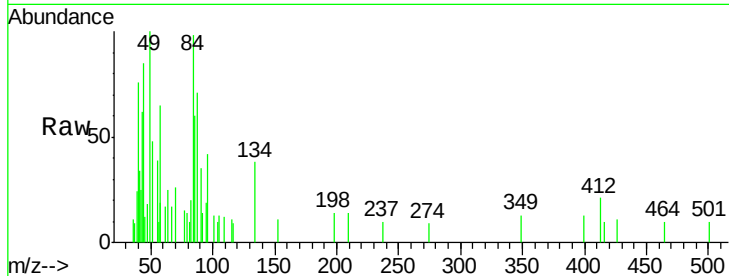
ClientSampled :

MDL-07-S

Tgt Ion	Ratio	Lower	Upper
88	100		
43	86.4	33.0	49.4#
58	91.2	73.4	110.0

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#4

Benzaldehyde

Concen: 3.52 ng/uL

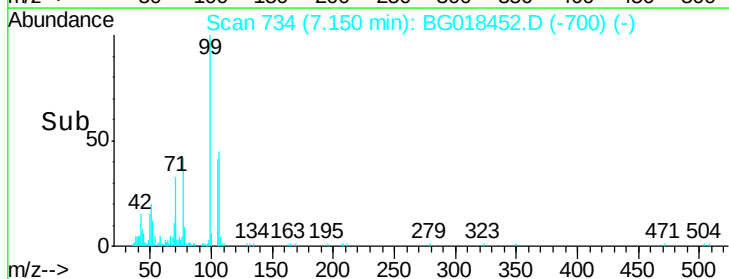
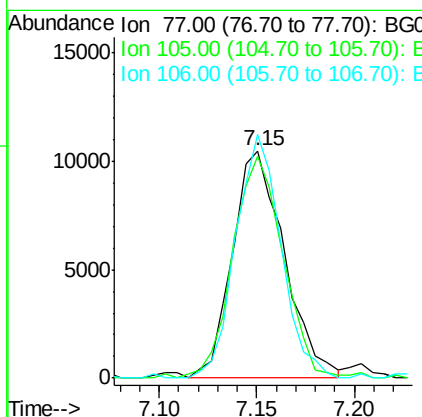
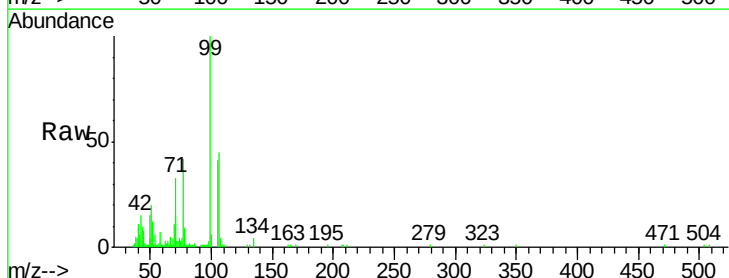
RT: 7.15 min Scan# 734

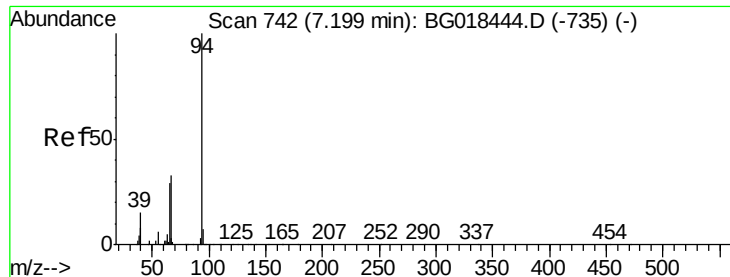
Delta R.T. -0.00 min

Lab File: BG018452.D

Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Lower	Upper
77	100		
105	97.6	78.2	117.2
106	107.1	76.8	115.2





#6

Phenol

Concen: 3.06 ng/ul

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG018452.D

Acq: 17 Aug 2015 14:15

Instrument :

BNA_G

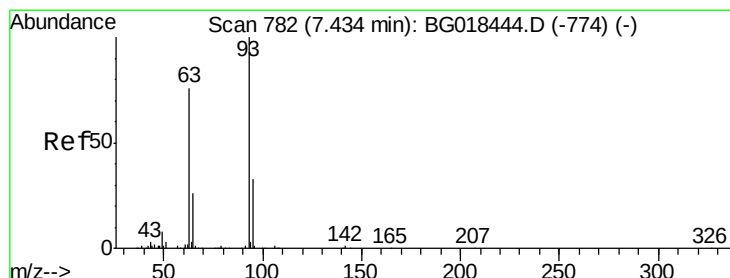
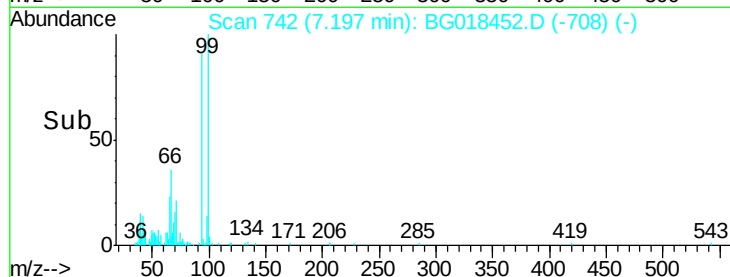
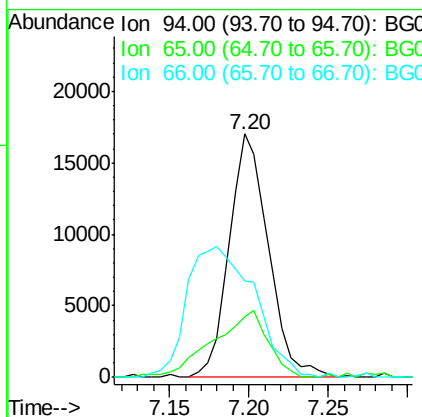
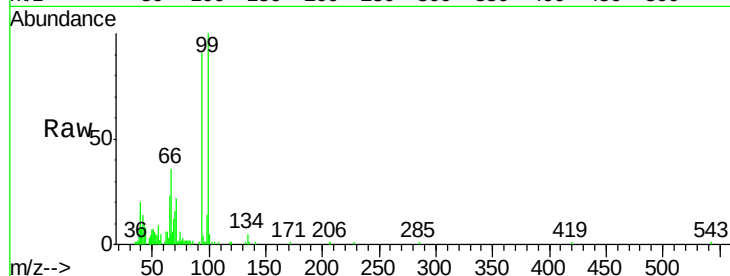
ClientSampleId :

MDL-07-S

Tgt Ion:	94	Resp:	29250
Ion Ratio	Lower	Upper	
94	100		
65	25.1	23.0	34.6
66	39.7	31.0	46.4

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#8

Bis(2-Chloroethyl)ether

Concen: 3.45 ng/ul

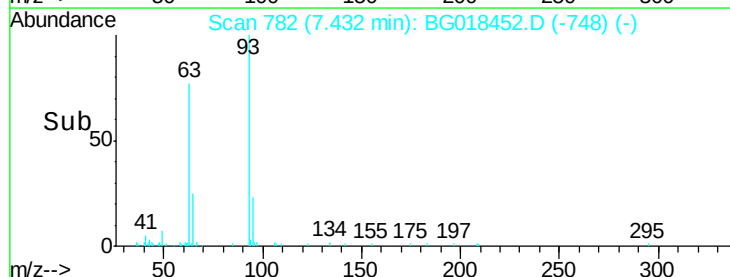
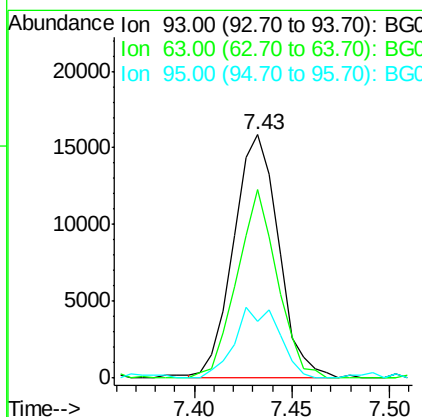
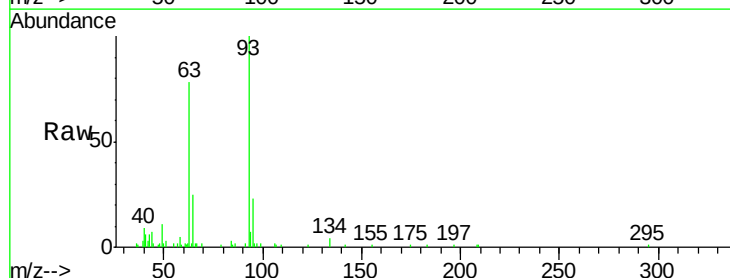
RT: 7.43 min Scan# 782

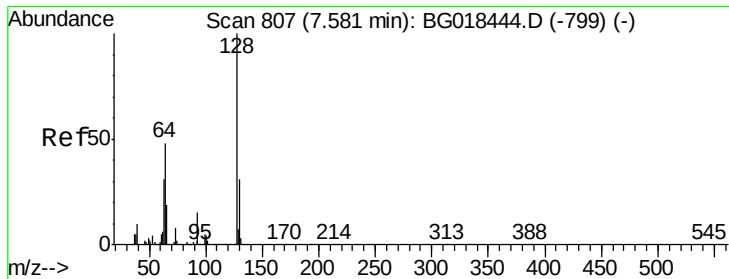
Delta R.T. -0.00 min

Lab File: BG018452.D

Acq: 17 Aug 2015 14:15

Tgt Ion:	93	Resp:	25374
Ion Ratio	Lower	Upper	
93	100		
63	77.6	61.4	92.2
95	23.2	25.9	38.9#





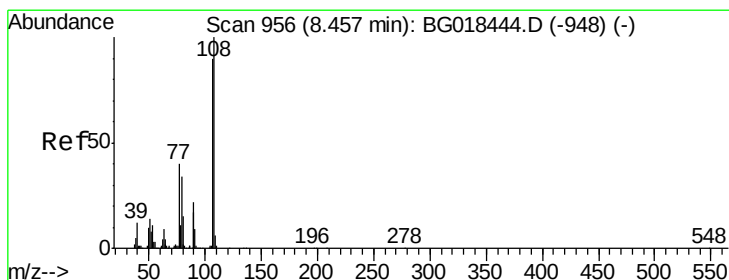
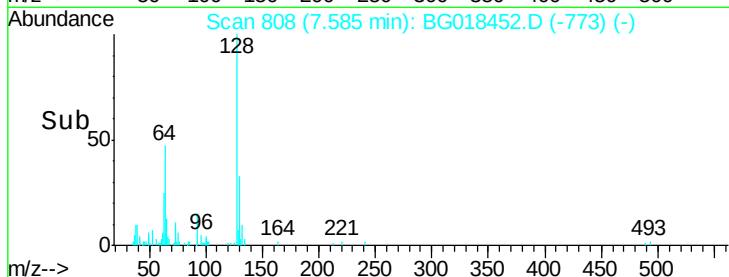
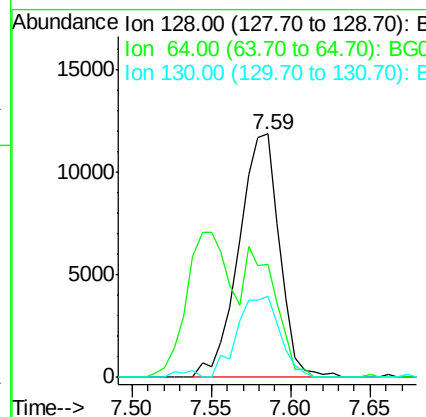
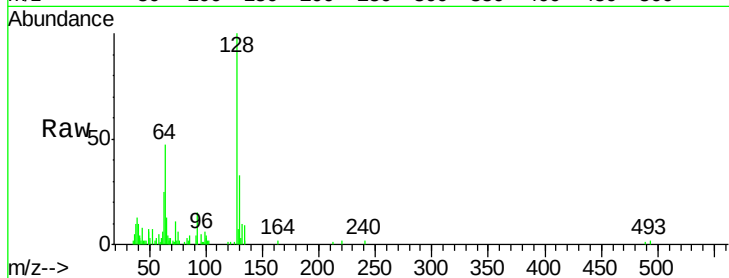
#10
2-Chlorophenol
Concen: 2.87 ng/ul
RT: 7.59 min Scan# 808
Delta R.T. 0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	21017		
64	46.7	40.9	61.3	
130	33.5	24.5	36.7	

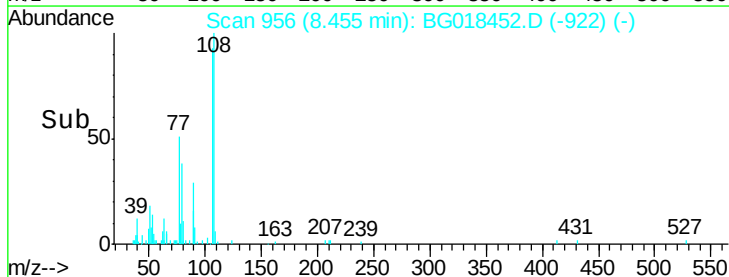
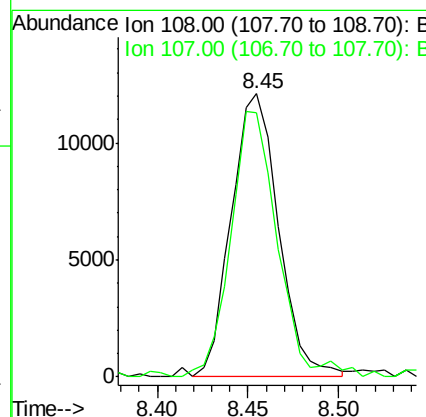
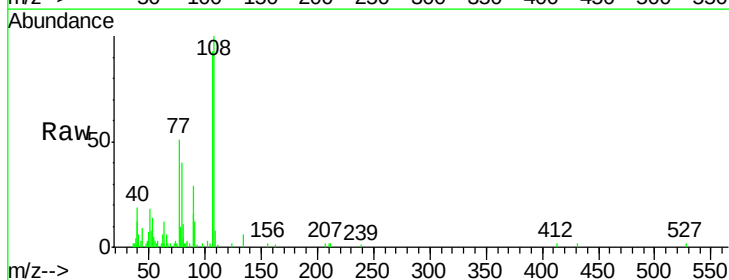
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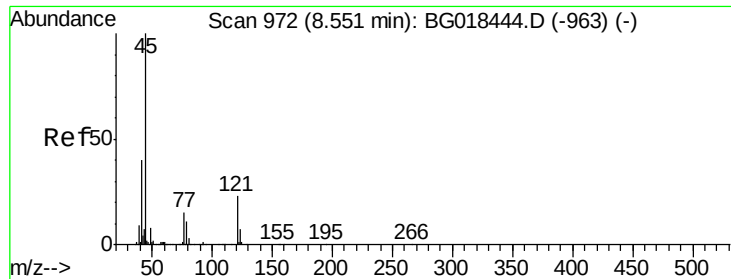
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#11
2-Methylphenol
Concen: 2.95 ng/ul
RT: 8.45 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	21908		
107	93.3	72.1	108.1	





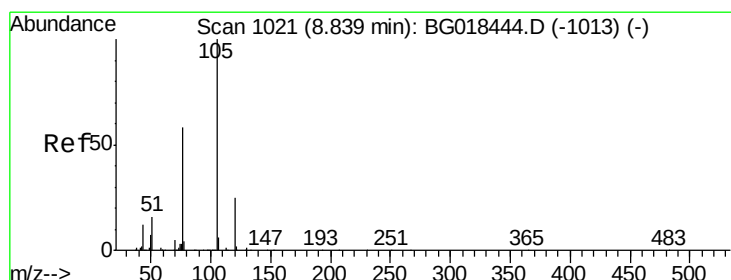
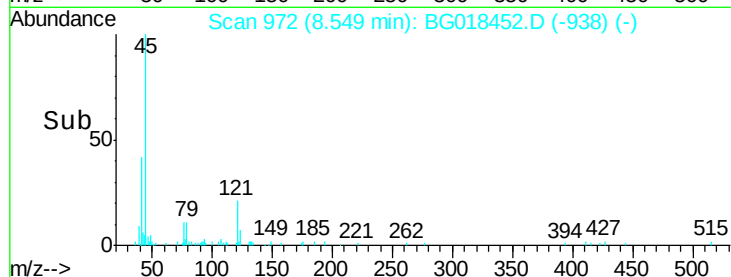
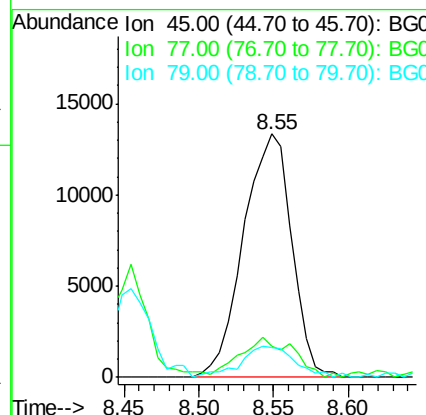
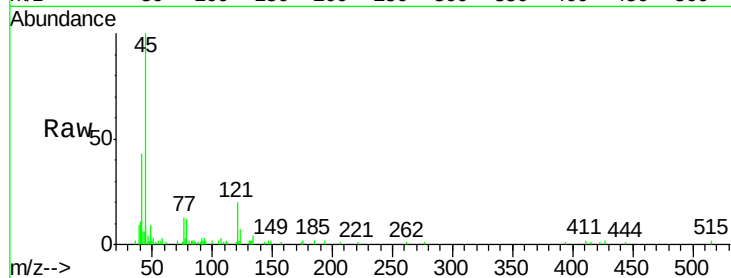
#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.53 ng/ul
RT: 8.55 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Instrument :
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Tgt Ion	Ratio	Resp Lower	Upper
45	100		
77	12.6	11.3	16.9
79	12.3	7.8	11.8

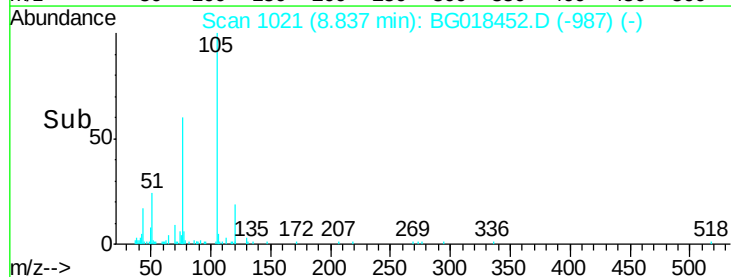
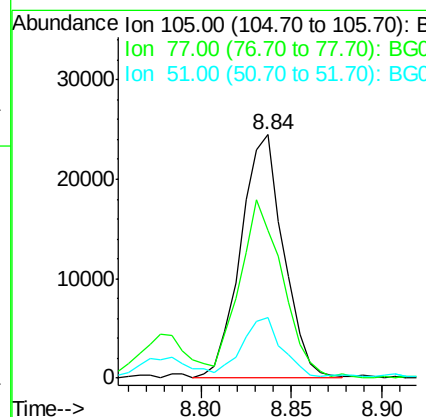
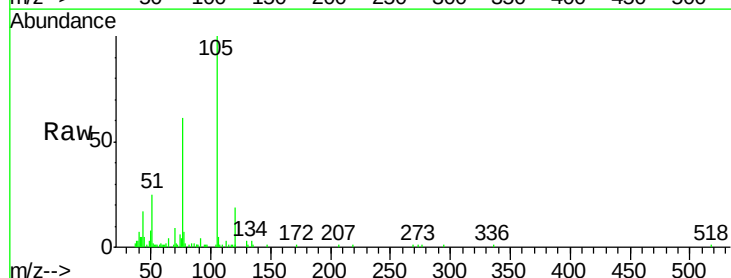
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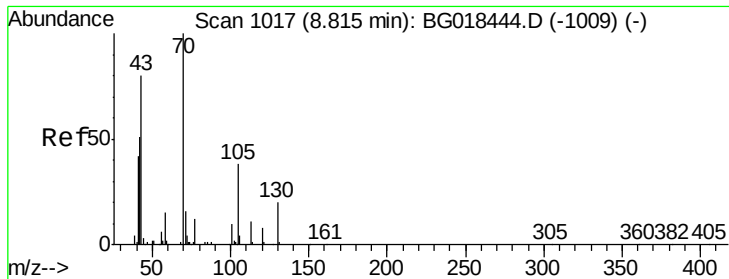
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#14
Acetophenone
Concen: 3.53 ng/ul
RT: 8.84 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
77	60.5	61.9	92.9
51	24.7	25.5	38.3





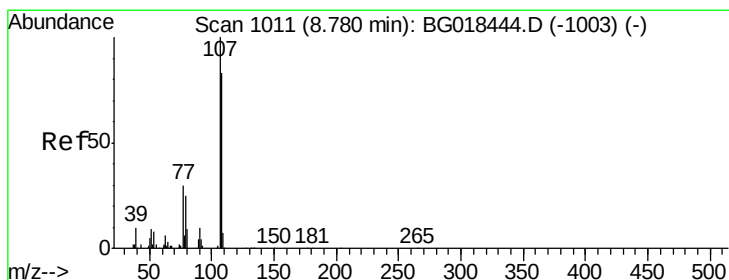
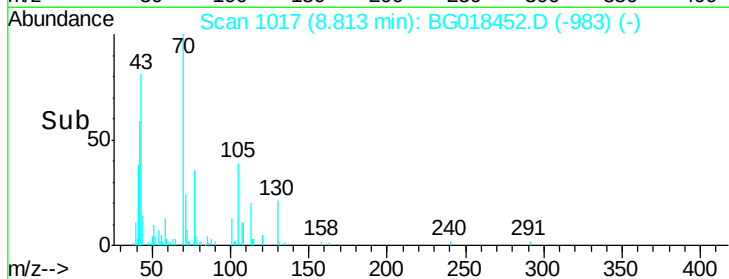
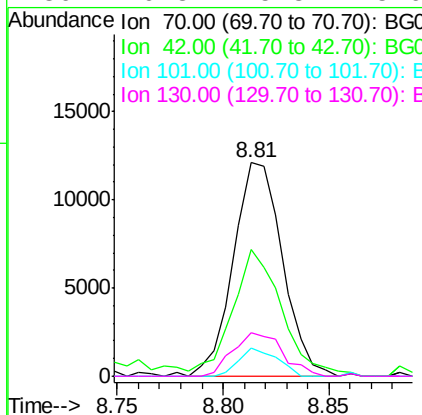
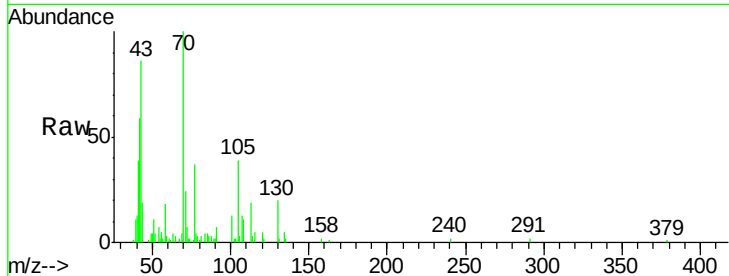
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N-Nitroso-di-n-propylamine
Concen: 2.99 ng/ul
RT: 8.81 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.3	50.7	76.1
101	12.9	7.4	11.2
130	20.3	15.8	23.6

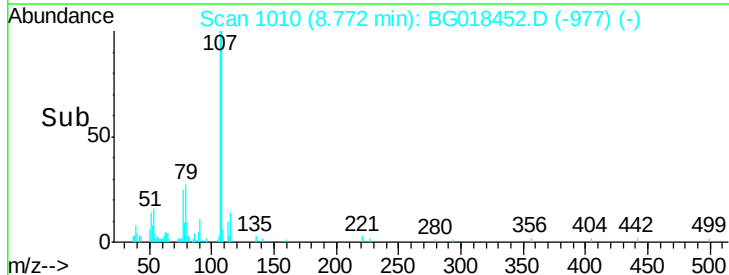
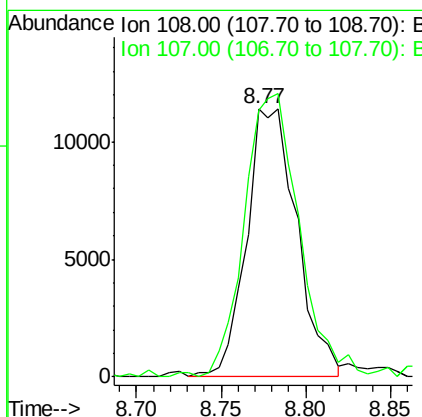
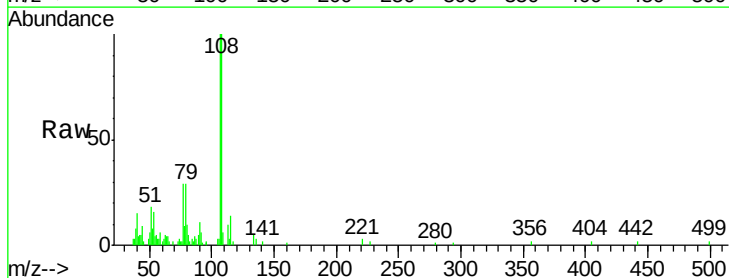
Manual Integrations
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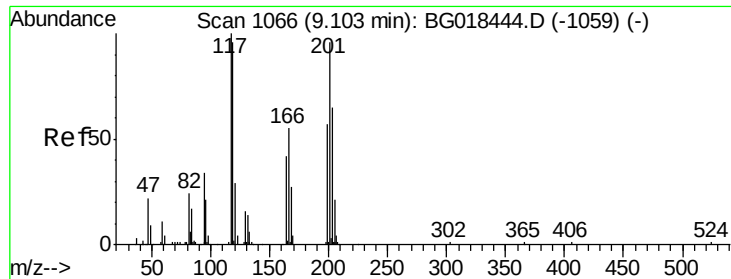
MMDadoda
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#16
4-Methylphenol
Concen: 2.92 ng/ul
RT: 8.77 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Lower	Upper
108	100		
107	99.5	94.6	142.0





#17

Hexachloroethane

Concen: 2.84 ng/ul

RT: 9.11 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BG018452.D

Acq: 17 Aug 2015 14:15

Instrument :

BNA_G

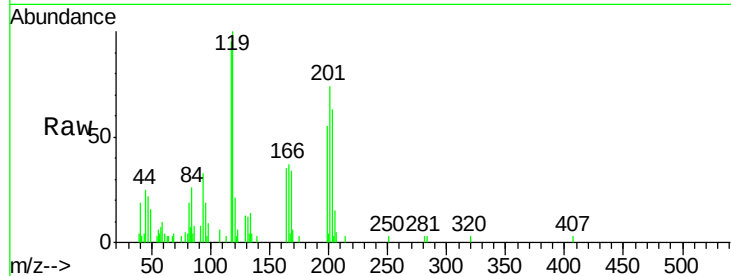
ClientSampleId :

MDL-07-S

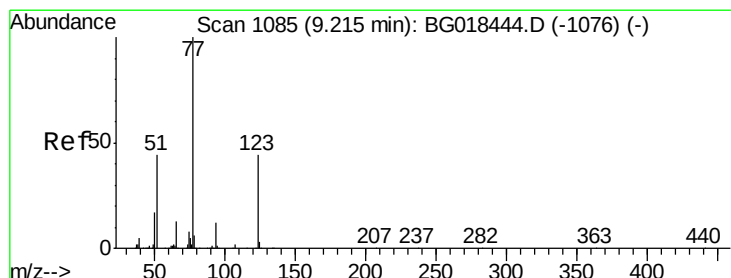
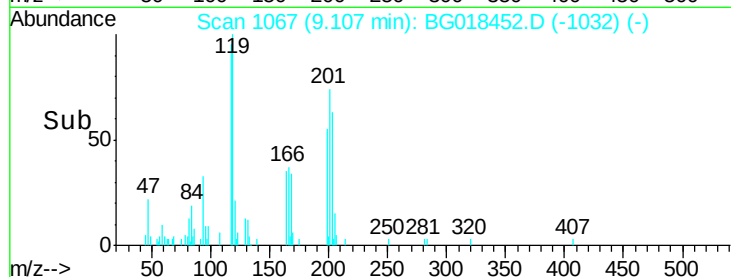
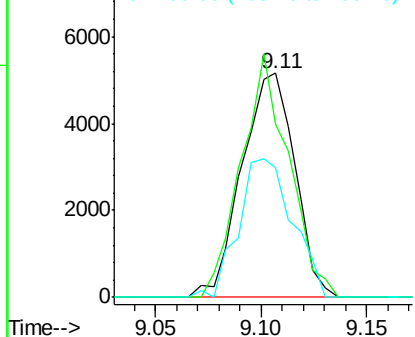
Tgt Ion:	117	Resp:	8964
Ion Ratio	Lower	Upper	
117	100		
201	77.5	73.6	110.4
199	61.8	48.6	72.8

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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: 2.92 ng/ul

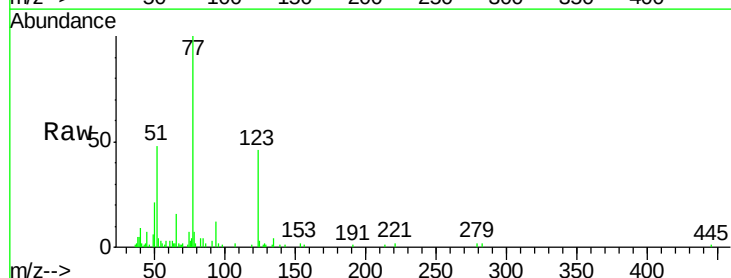
RT: 9.21 min Scan# 1085

Delta R.T. -0.00 min

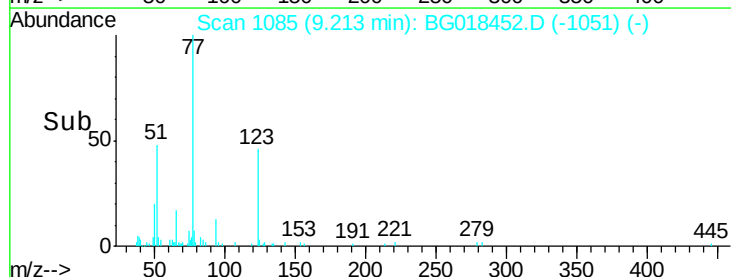
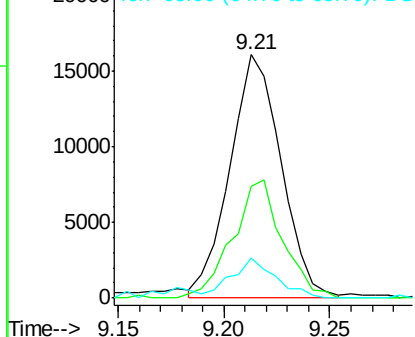
Lab File: BG018452.D

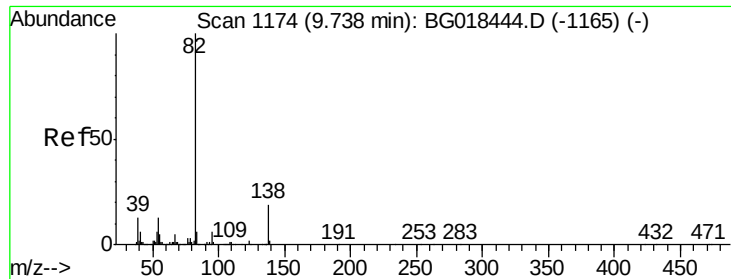
Acq: 17 Aug 2015 14:15

Tgt Ion:	77	Resp:	27005
Ion Ratio	Lower	Upper	
77	100		
123	46.0	32.8	49.2
65	16.4	12.2	18.2



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





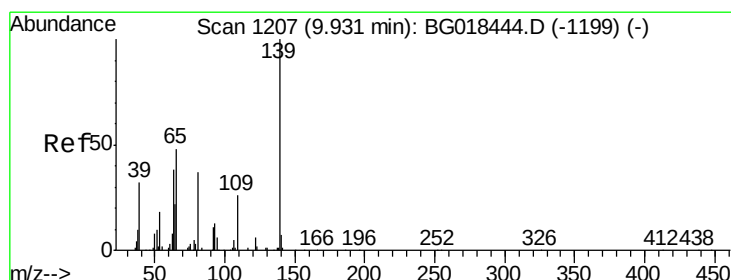
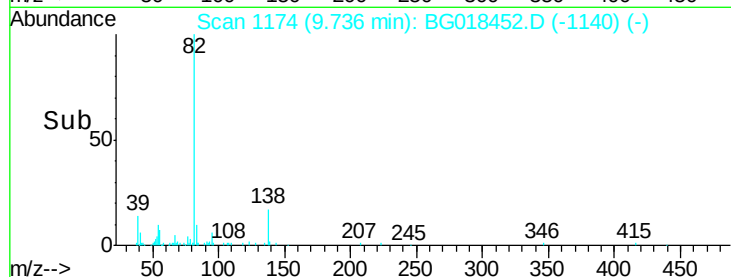
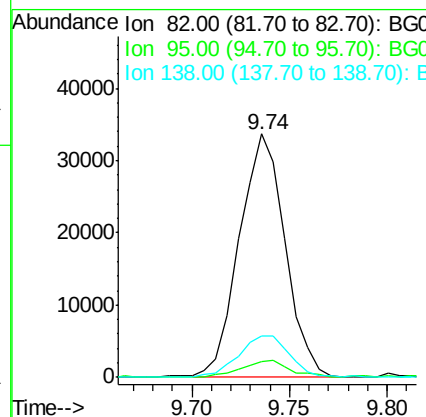
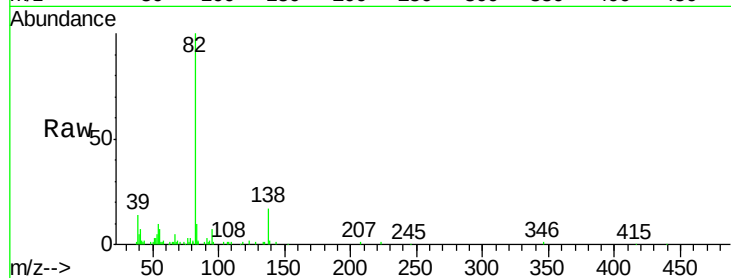
#21
Isophorone
Concen: 3.07 ng/ul
RT: 9.74 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	54555		
95	6.6	5.2	7.8	
138	16.9	13.8	20.8	

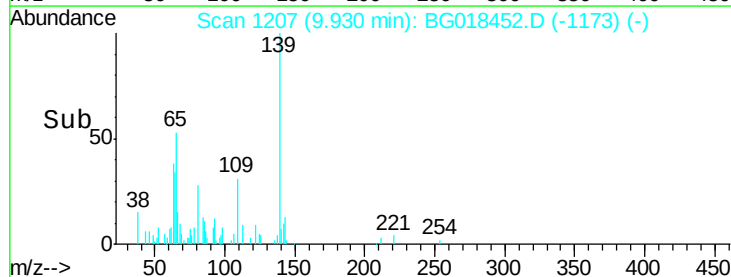
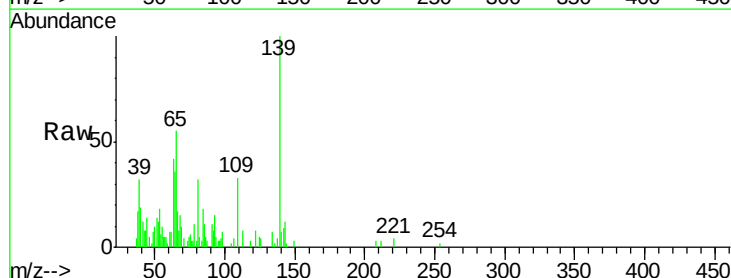
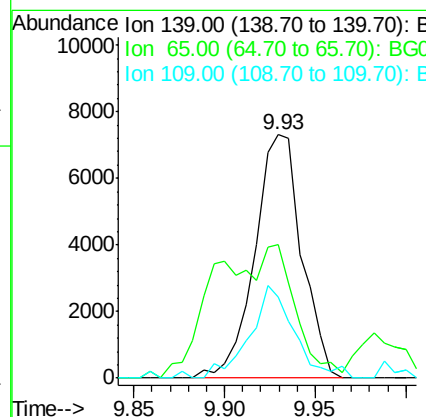
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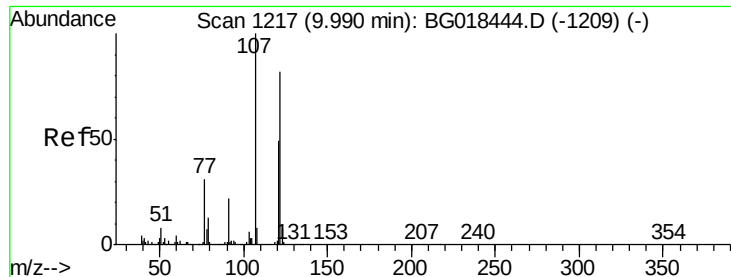
MMDadoda
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#23
2-Nitrophenol
Concen: 3.18 ng/ul
RT: 9.93 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

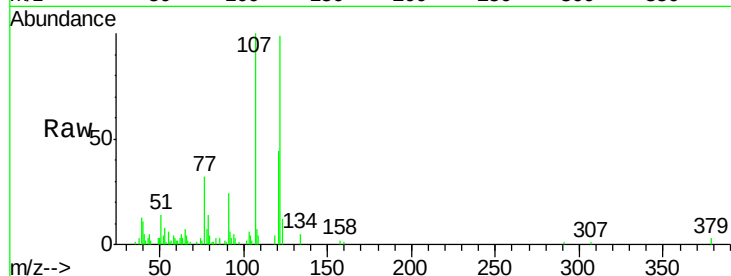
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	13175		
65	54.6	45.6	68.4	
109	33.3	25.4	38.2	





#24
 2,4-Dimethylphenol
 Concen: 2.85 ng/ul
 RT: 9.99 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BG018452.D
 Acq: 17 Aug 2015 14:15

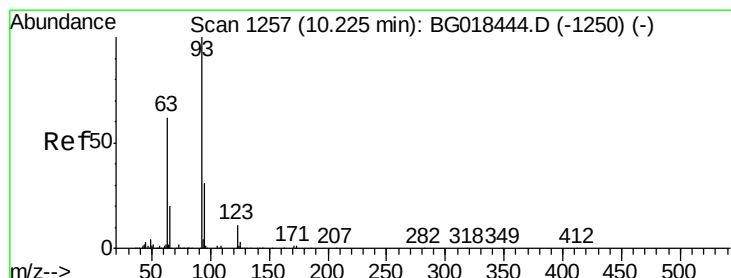
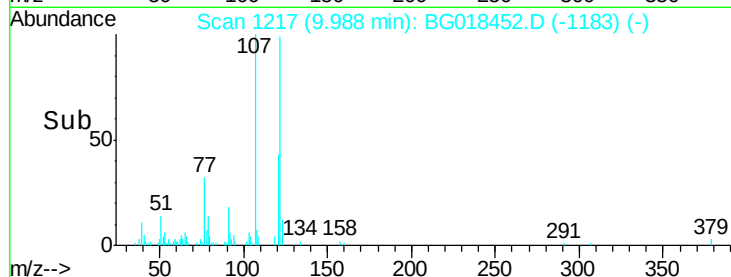
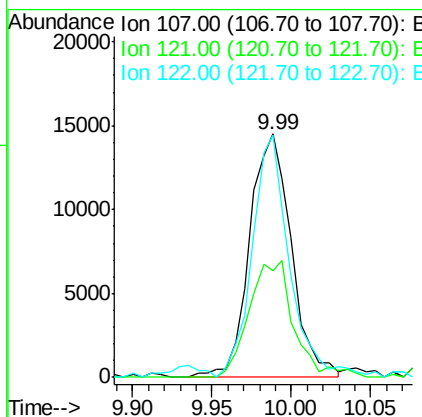
Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	26476		
121	43.8	41.3	61.9	
122	99.5	71.9	107.9	

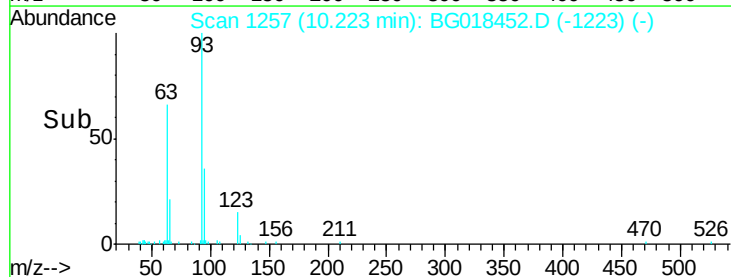
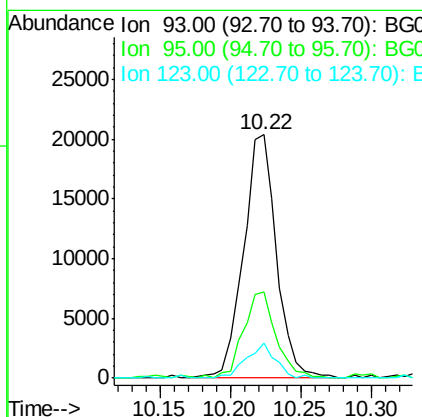
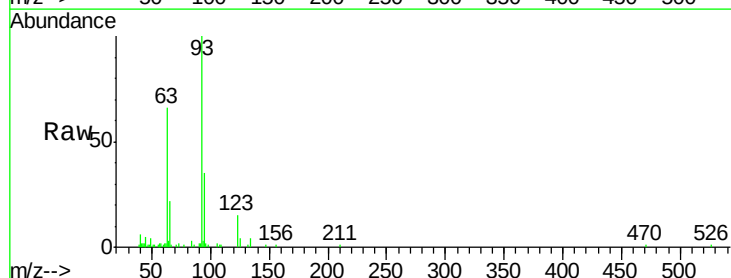
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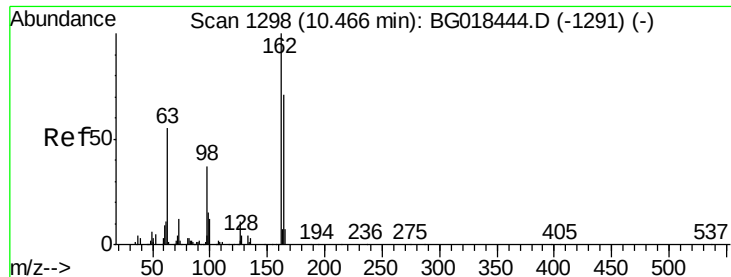
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.01 ng/ul
 RT: 10.22 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG018452.D
 Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	33397		
95	35.5	24.1	36.1	
123	14.6	8.9	13.3#	





#27

2,4-Dichlorophenol

Concen: 2.95 ng/ul

RT: 10.46 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG018452.D

Acq: 17 Aug 2015 14:15

Instrument :

BNA_G

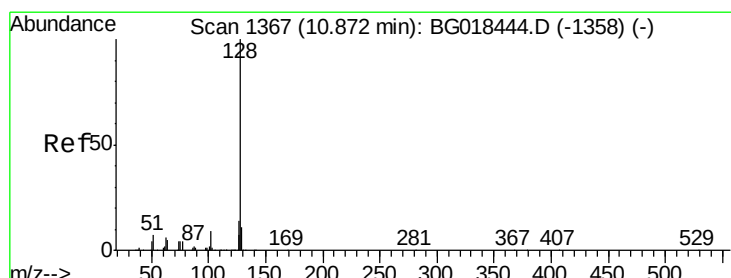
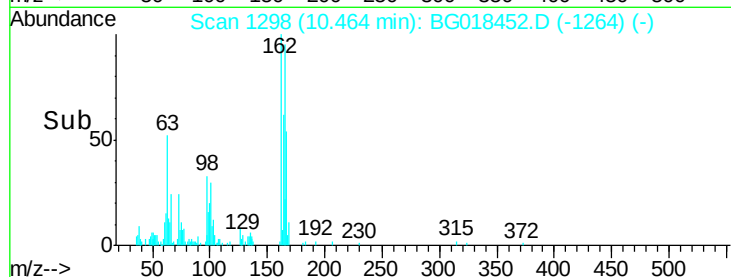
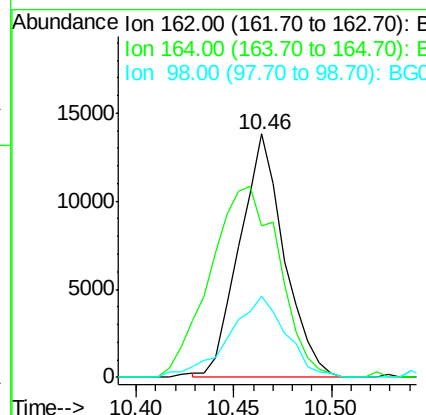
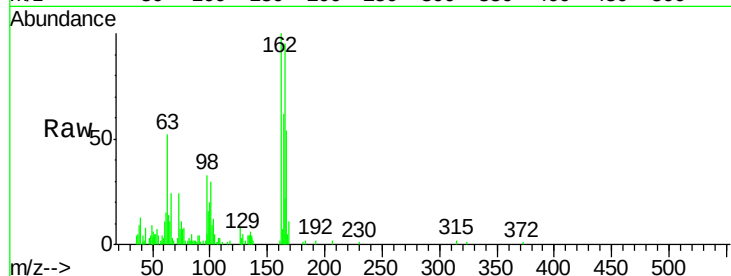
ClientSampleId :

MDL-07-S

Tgt Ion:	162	Resp:	21847
Ion Ratio	Lower	Upper	
162	100		
164	62.5	51.7	77.5
98	33.2	30.4	45.6

Manual Integrations
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#28

Naphthalene

Concen: 3.08 ng/ul

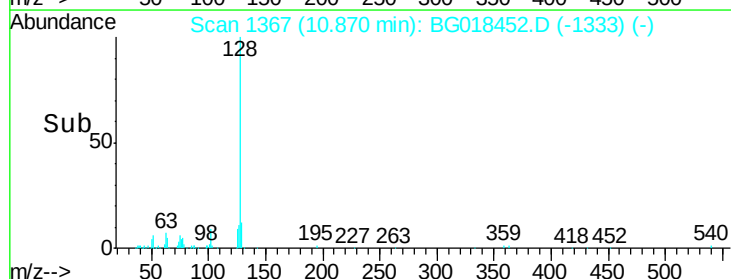
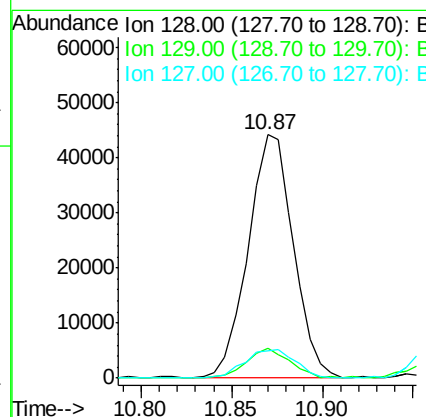
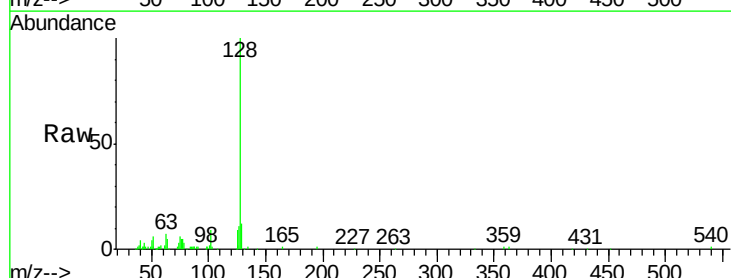
RT: 10.87 min Scan# 1367

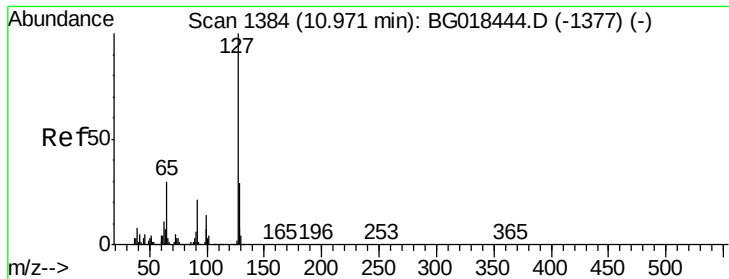
Delta R.T. -0.00 min

Lab File: BG018452.D

Acq: 17 Aug 2015 14:15

Tgt Ion:	128	Resp:	76576
Ion Ratio	Lower	Upper	
128	100		
129	12.2	9.6	14.4
127	11.2	10.5	15.7





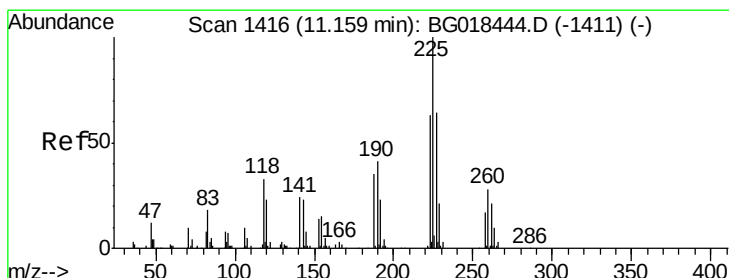
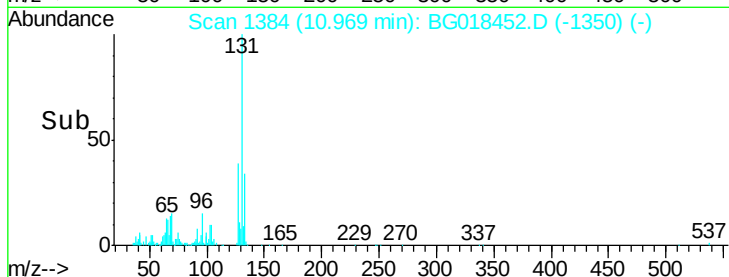
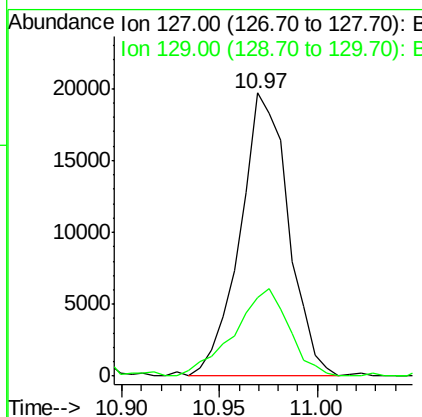
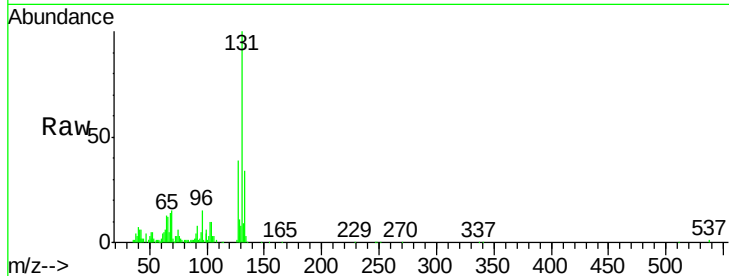
#30
4-Chloroaniline
Concen: 3.72 ng/ul
RT: 10.97 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion:127 Resp: 33801
Ion Ratio Lower Upper
127 100
129 27.8 26.7 40.1

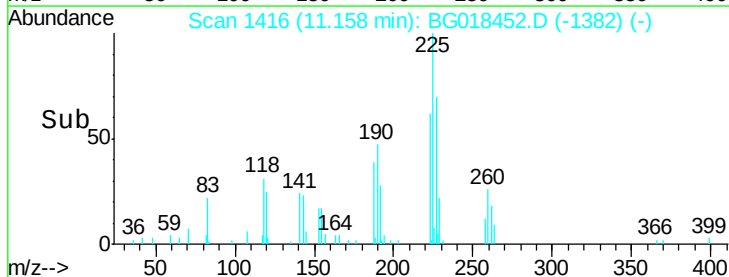
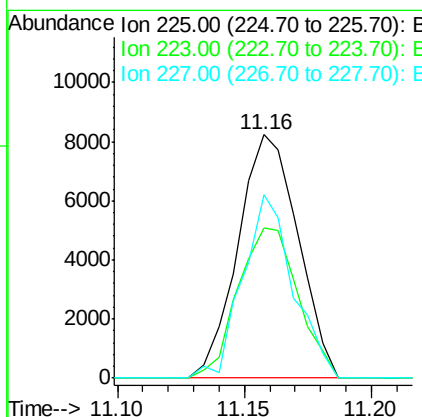
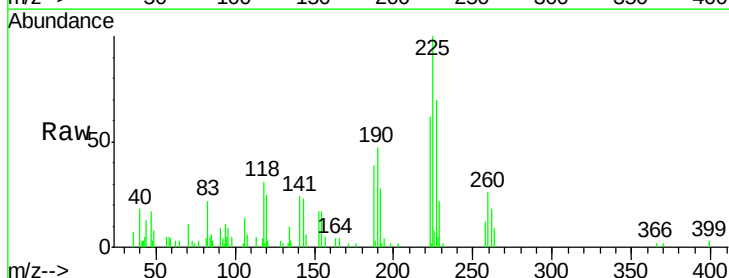
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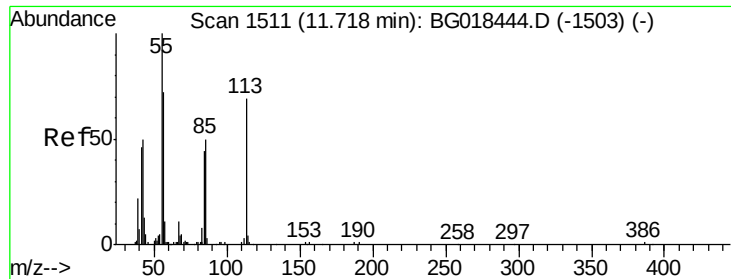
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#31
Hexachlorobutadiene
Concen: 2.90 ng/ul
RT: 11.16 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Tgt Ion:225 Resp: 13589
Ion Ratio Lower Upper
225 100
223 63.9 45.8 68.8
227 75.3 54.0 81.0





#32

Caprolactam

Concen: 3.47 ng/ul m

RT: 11.76 min Scan# 1518

Delta R.T. 0.04 min

Lab File: BG018452.D

Acq: 17 Aug 2015 14:15

Instrument :

BNA_G

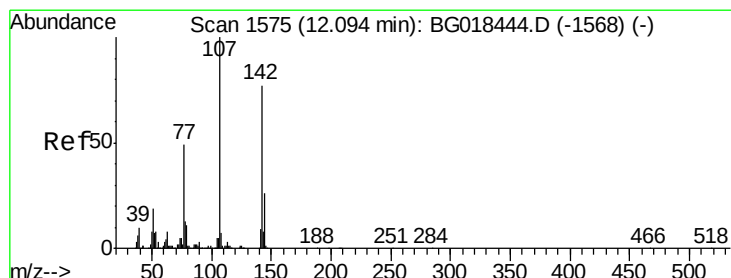
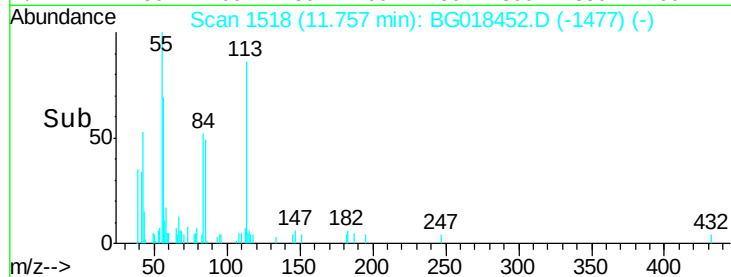
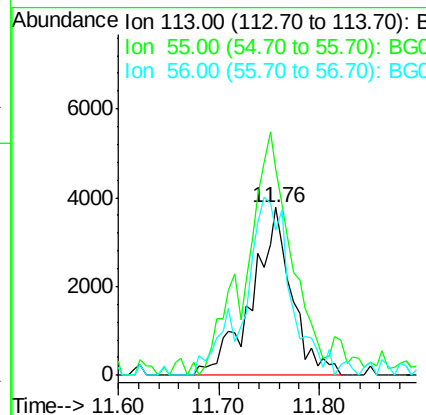
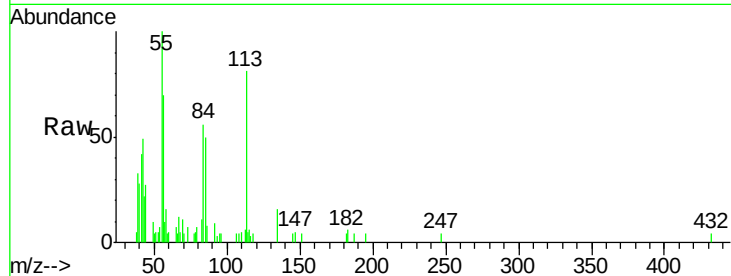
ClientSampleId :

MDL-07-S

Tgt Ion:	113	Resp:	10367
Ion Ratio	Lower	Upper	
113	100		
55	123.5	124.2	186.4#
56	87.0	98.2	147.4#

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#33

4-Chloro-3-methylphenol

Concen: 3.02 ng/ul

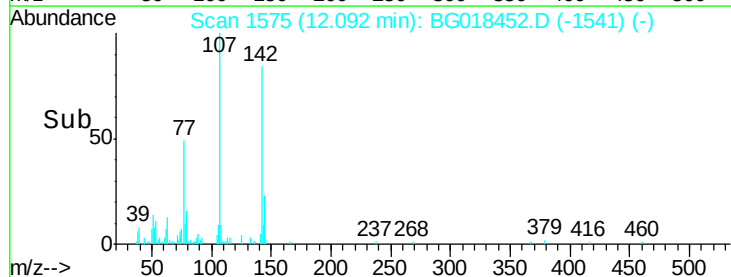
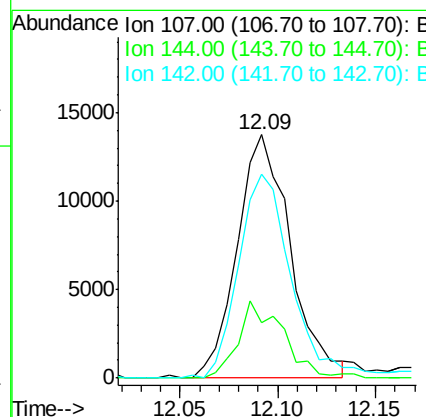
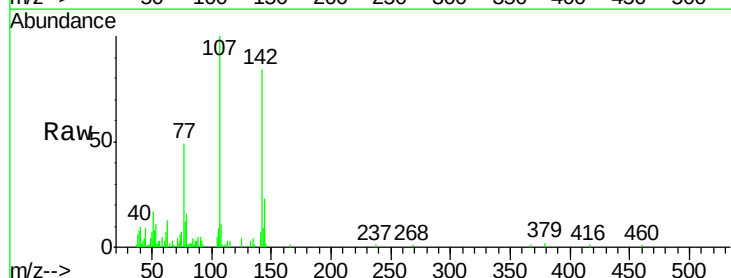
RT: 12.09 min Scan# 1575

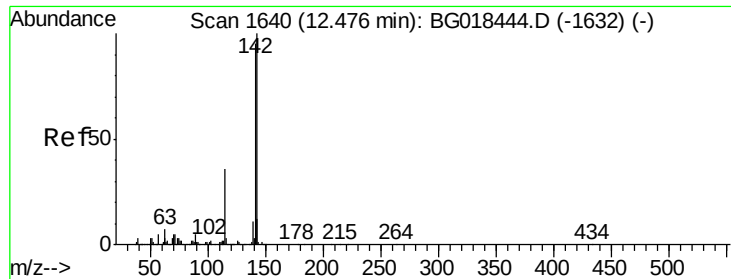
Delta R.T. -0.00 min

Lab File: BG018452.D

Acq: 17 Aug 2015 14:15

Tgt Ion:	107	Resp:	25960
Ion Ratio	Lower	Upper	
107	100		
144	22.6	21.4	32.2
142	83.9	66.0	99.0





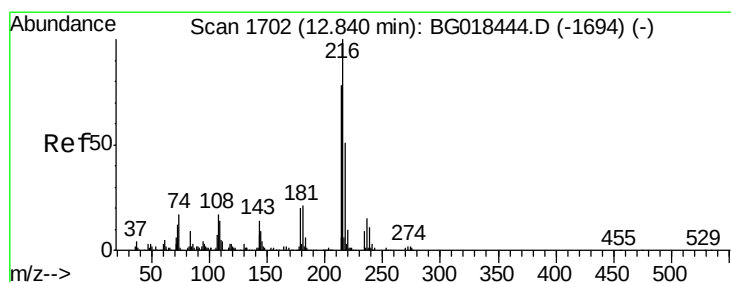
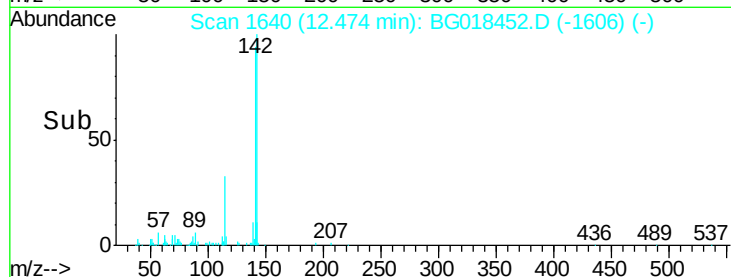
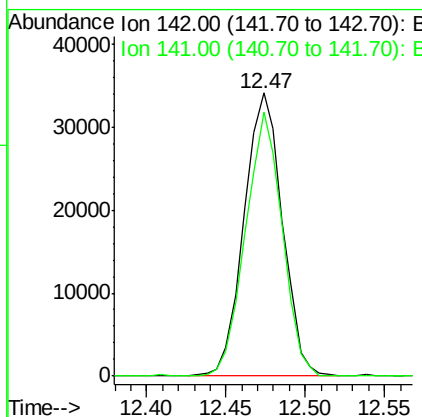
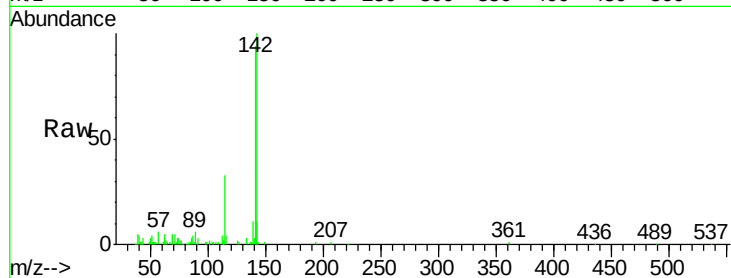
#34
 2-Methylnaphthalene
 Concen: 3.19 ng/ul
 RT: 12.47 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BG018452.D
 Acq: 17 Aug 2015 14:15

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	78.0	117.0

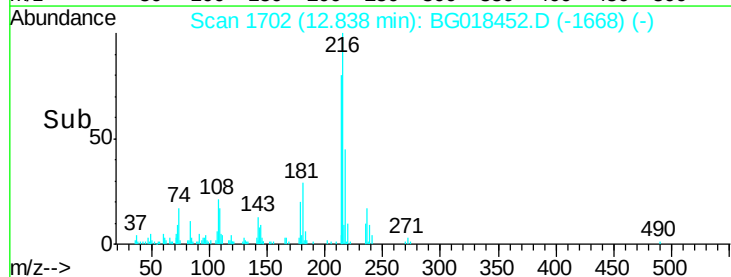
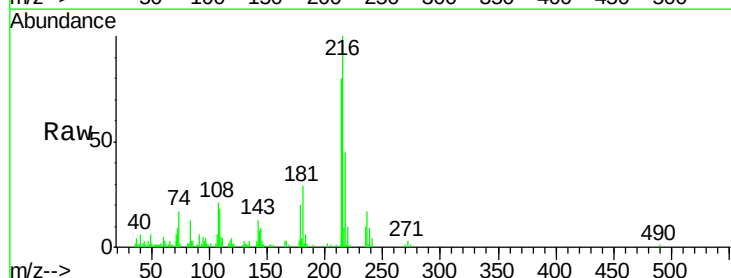
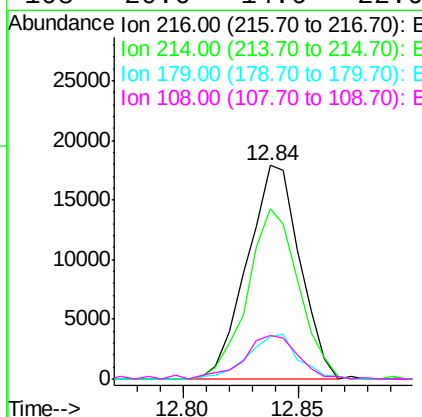
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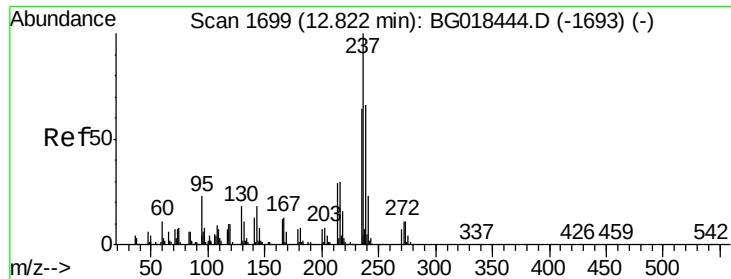
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#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.87 ng/ul
 RT: 12.84 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG018452.D
 Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.5	93.7
179	19.9	18.2	27.2
108	20.6	14.6	22.0





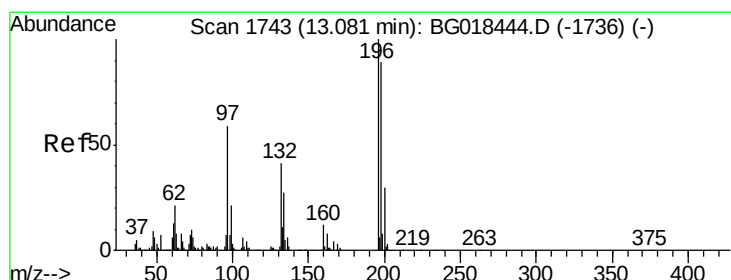
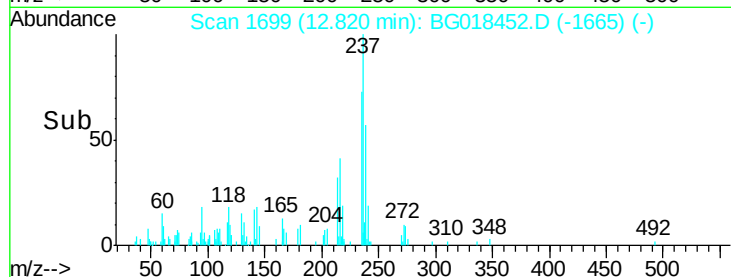
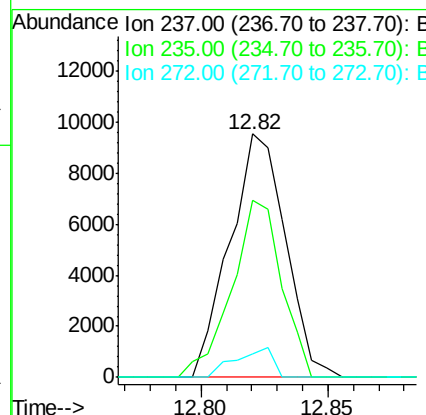
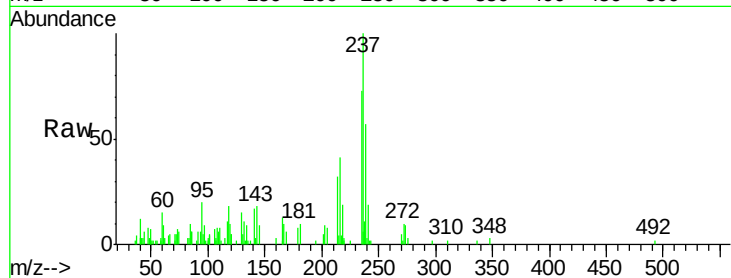
#38
Hexachlorocyclopentadiene
Concen: 2.48 ng/ul
RT: 12.82 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.5	45.6	68.4
272	8.6	9.0	13.4

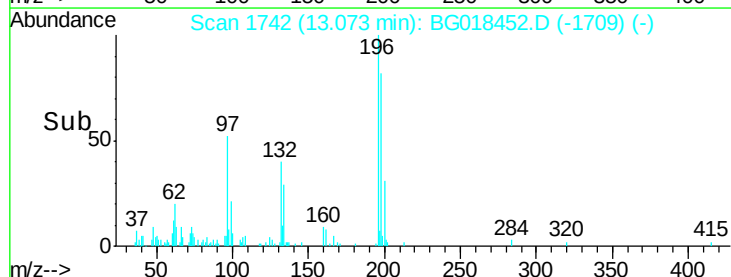
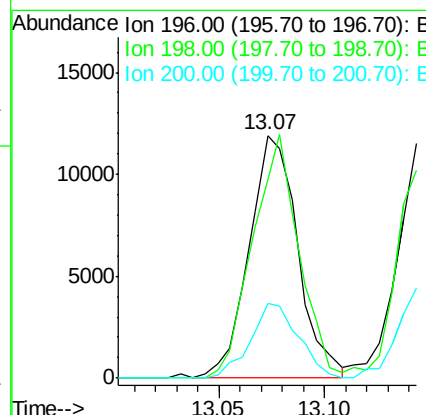
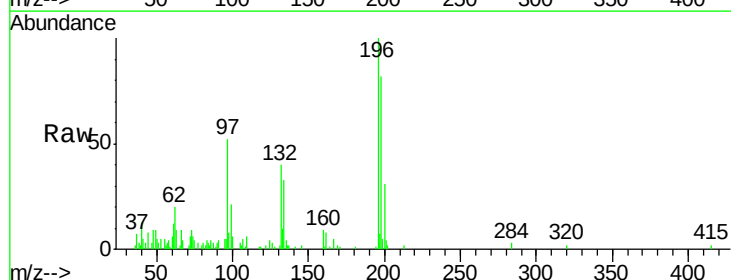
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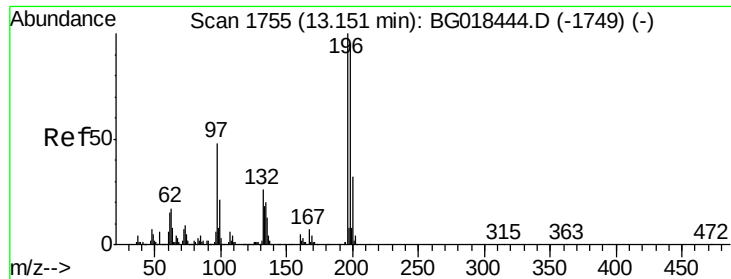
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#39
2,4,6-Trichlorophenol
Concen: 2.83 ng/ul
RT: 13.07 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	81.8	78.5	117.7
200	30.6	25.1	37.7





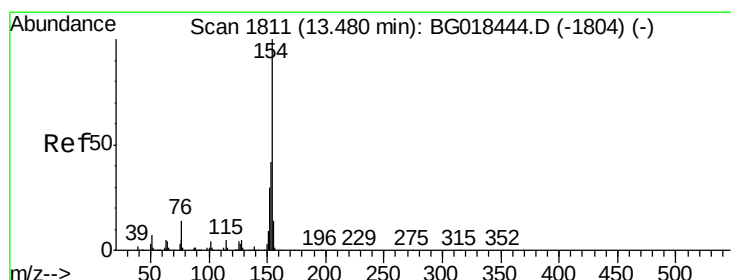
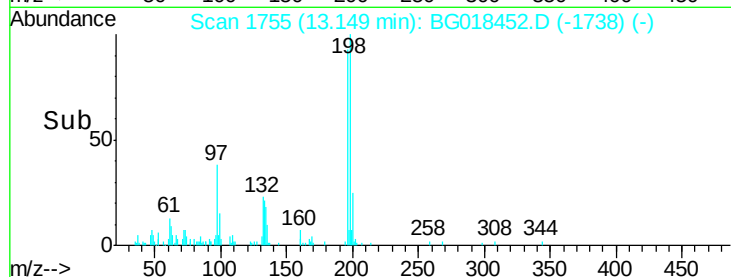
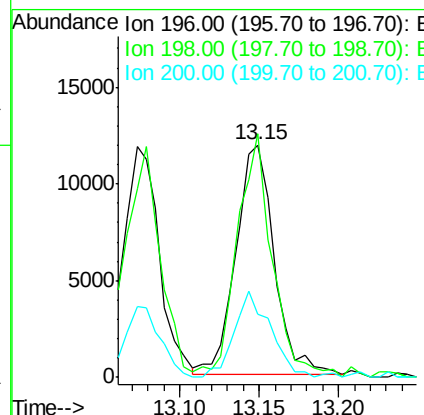
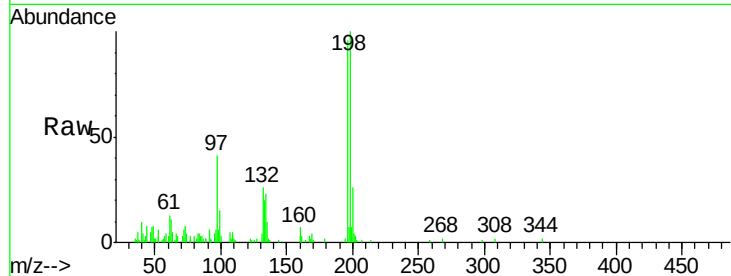
#40
 2,4,5-Trichlorophenol
 Concen: 2.74 ng/ul
 RT: 13.15 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BG018452.D
 Acq: 17 Aug 2015 14:15

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	19822		
198	104.6	74.2	111.4	
200	27.1	25.2	37.8	

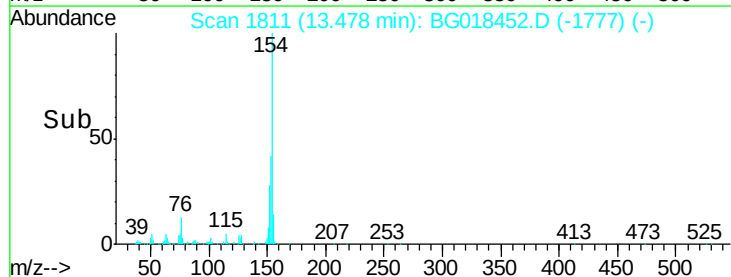
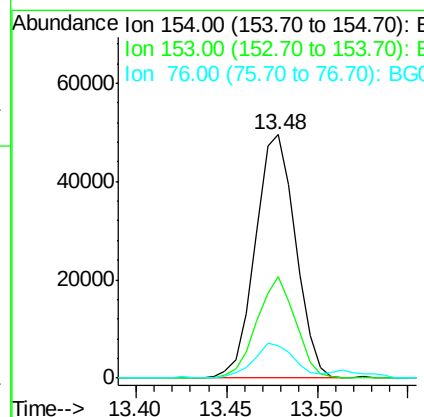
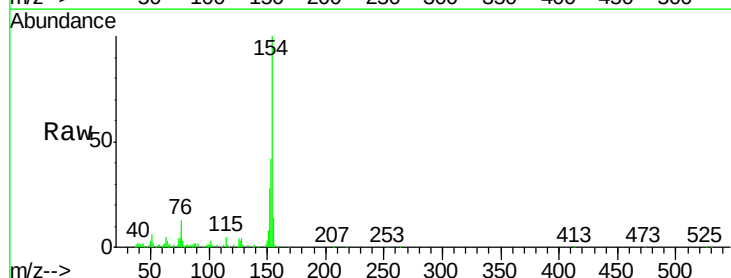
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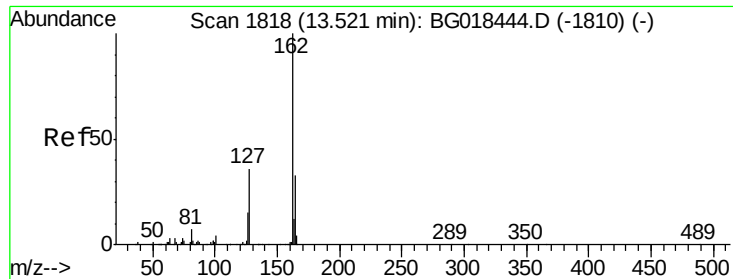
MMDadoda
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#41
 1,1'-Biphenyl
 Concen: 2.97 ng/ul
 RT: 13.48 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG018452.D
 Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	76472		
153	41.7	35.2	52.8	
76	13.5	10.6	16.0	





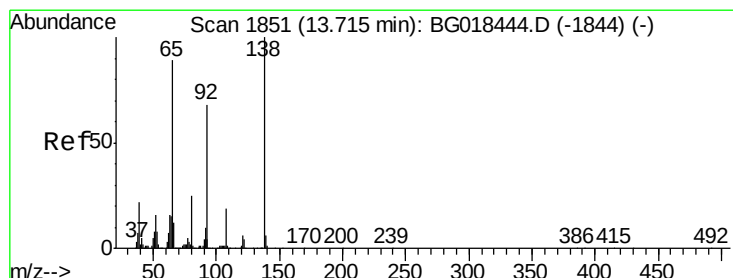
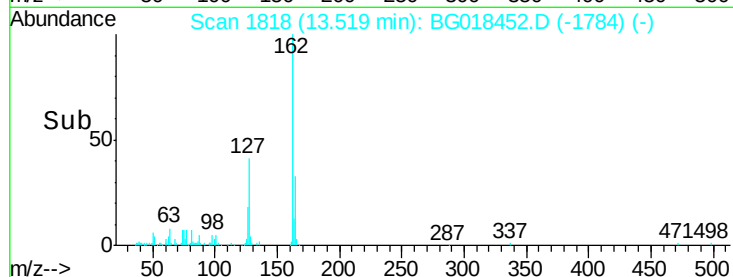
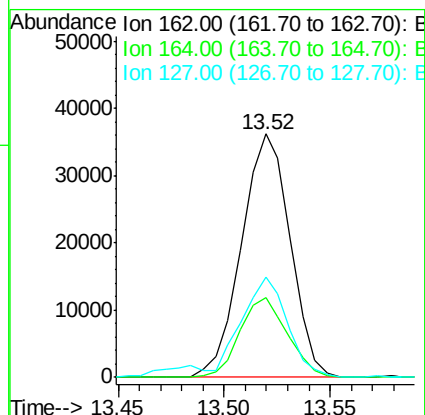
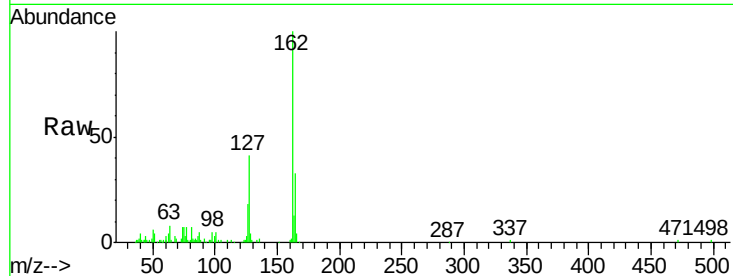
#42
 2-Chloronaphthalene
 Concen: 2.89 ng/ul
 RT: 13.52 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG018452.D
 Acq: 17 Aug 2015 14:15

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.8	24.8	37.2
127	41.2	30.3	45.5

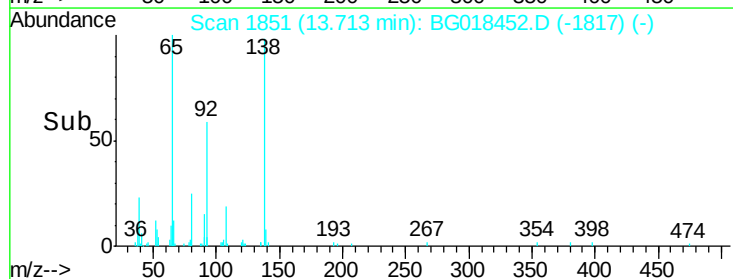
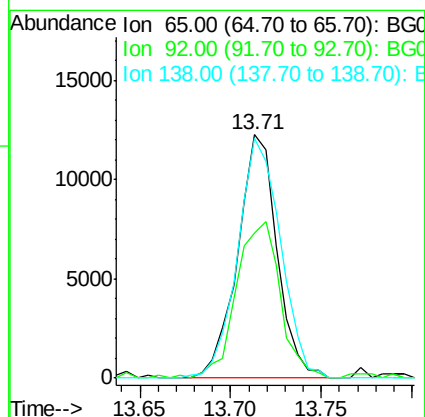
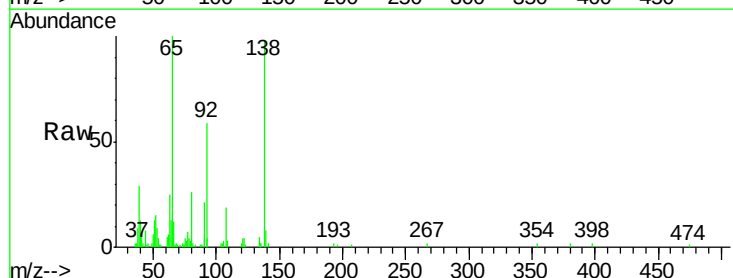
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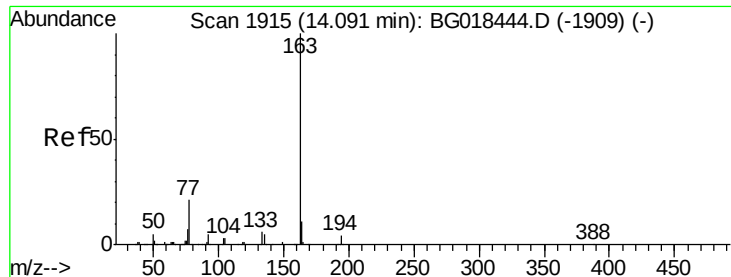
MMDadoda
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#43
 2-Nitroaniline
 Concen: 2.88 ng/ul
 RT: 13.71 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG018452.D
 Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.4	51.1	76.7
138	98.4	75.1	112.7





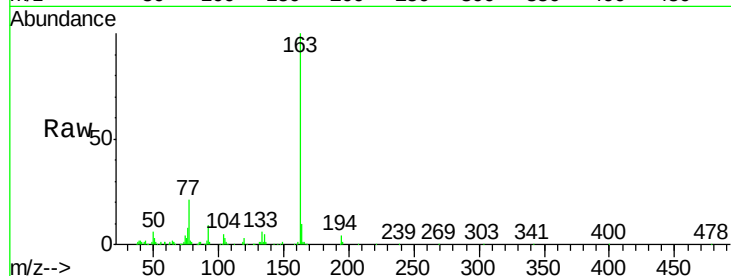
#45
Dimethylphthalate
Concen: 3.16 ng/ul
RT: 14.09 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

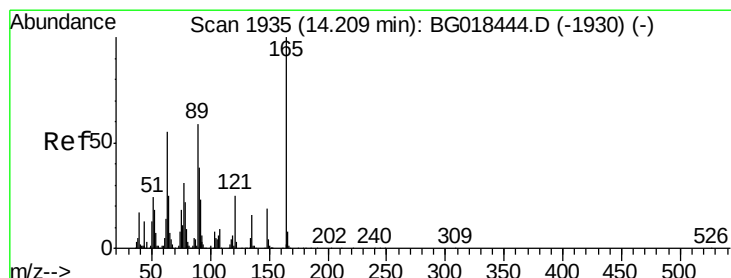
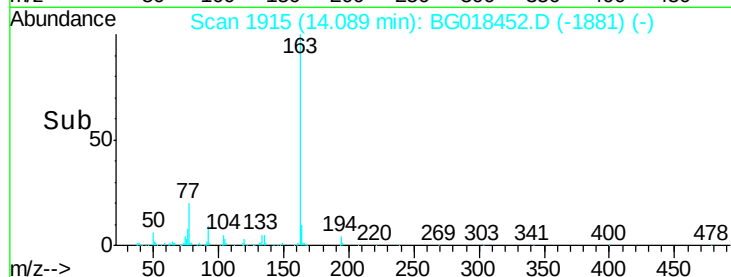
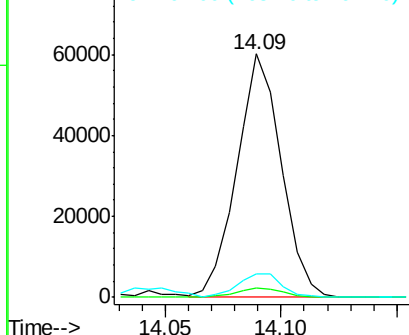
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	80659		
194	4.1		2.9	4.3
164	9.7		7.7	11.5

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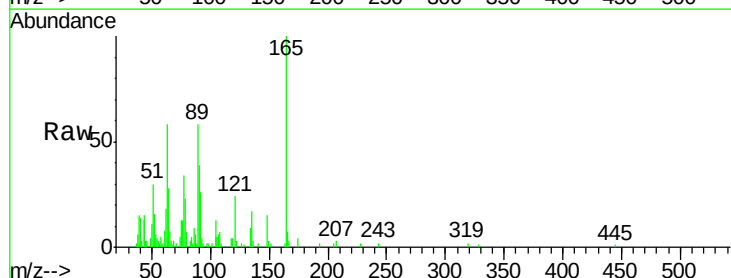


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

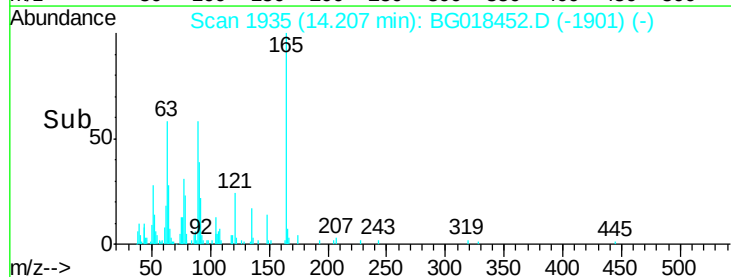
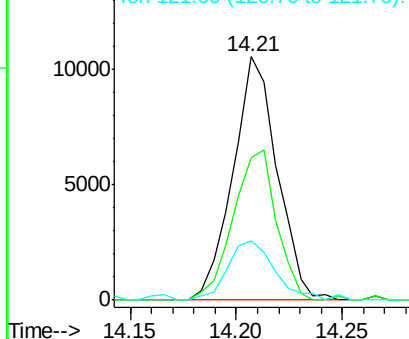


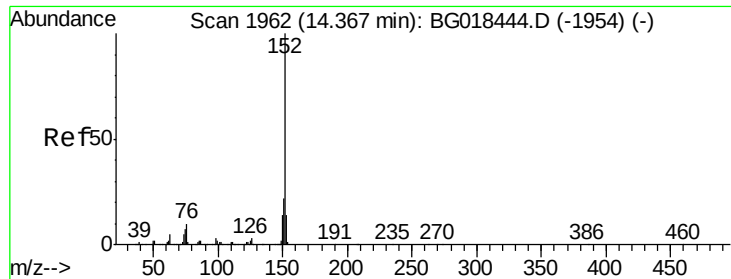
#46
2,6-Dinitrotoluene
Concen: 3.00 ng/ul
RT: 14.21 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	15287		
89	58.3		50.2	75.2
121	24.3		19.4	29.2



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





#48

Acenaphthylene

Concen: 3.11 ng/ul

RT: 14.37 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG018452.D

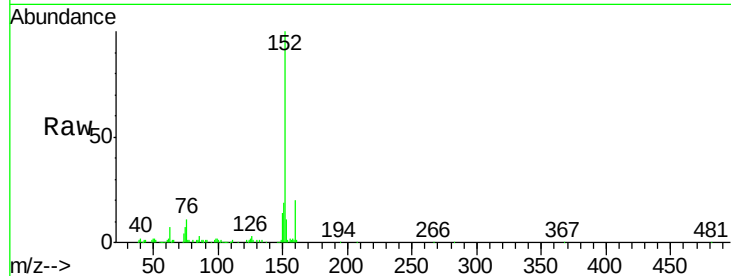
Acq: 17 Aug 2015 14:15

Instrument :

BNA_G

ClientSampleId :

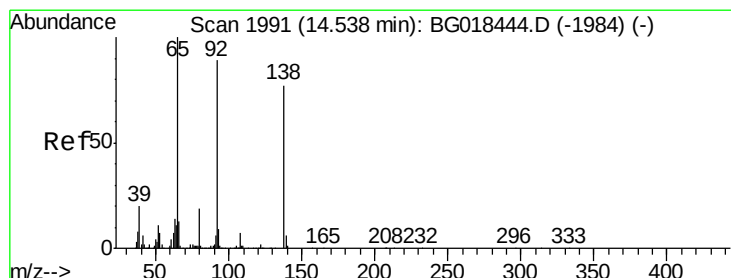
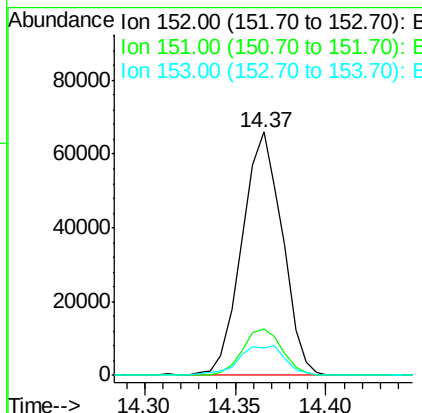
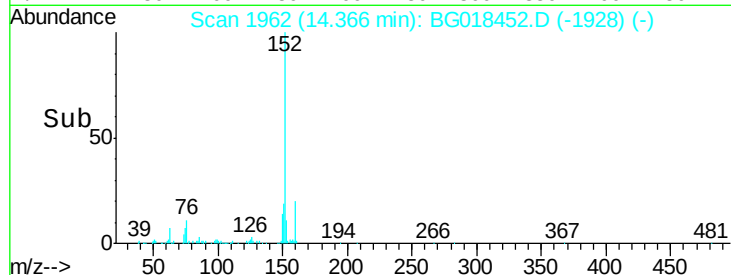
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2
153	11.4	10.8	16.2

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#49

3-Nitroaniline

Concen: 3.30 ng/ul

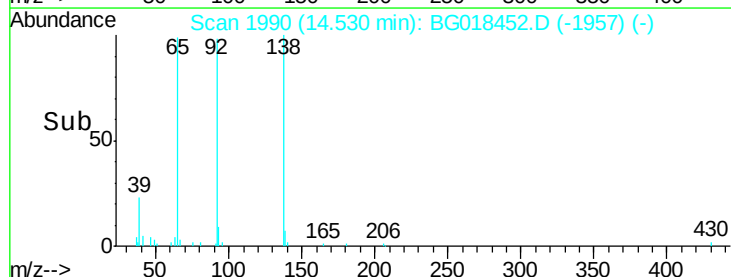
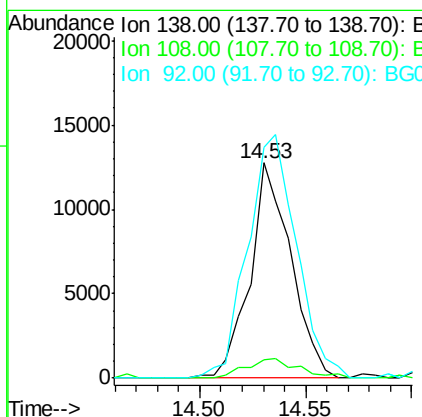
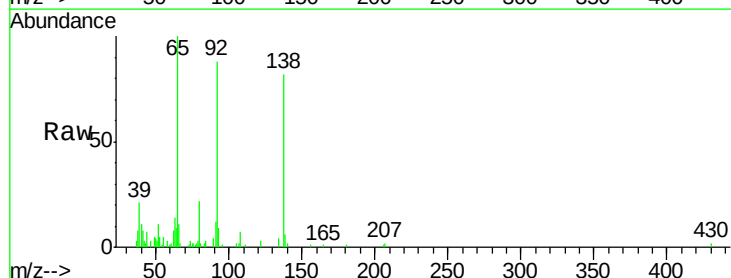
RT: 14.53 min Scan# 1990

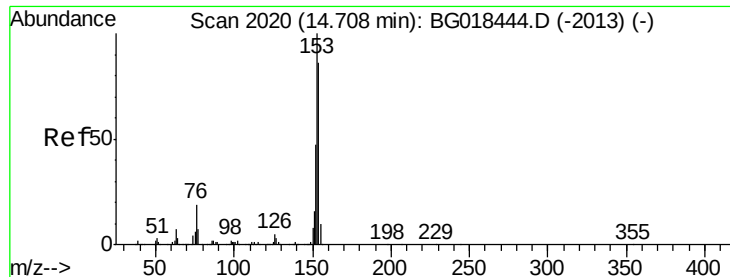
Delta R.T. -0.01 min

Lab File: BG018452.D

Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.4	9.4	14.0#
92	107.4	102.8	154.2





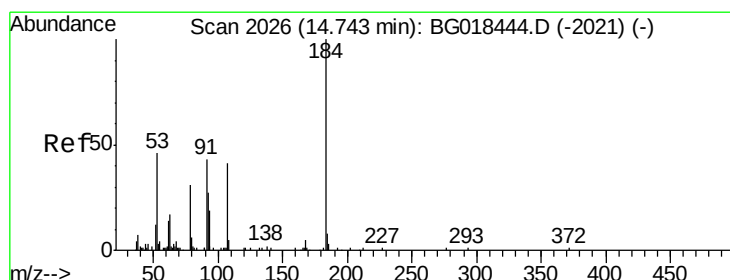
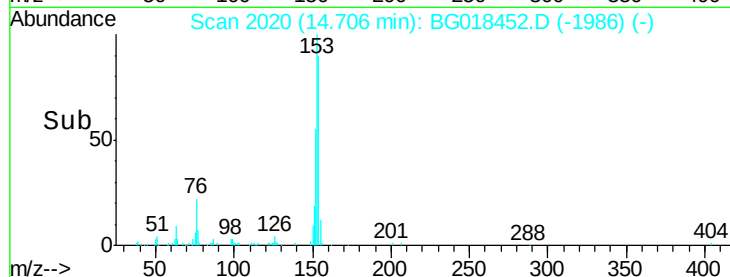
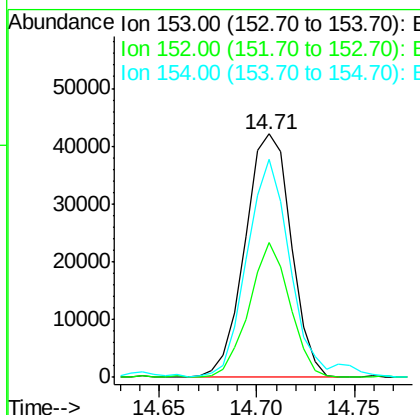
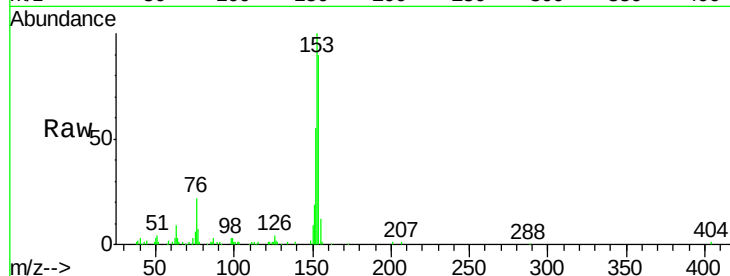
#50
Acenaphthene
Concen: 2.99 ng/ul
RT: 14.71 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Lower	Upper
153	100		
152	55.2	38.2	57.4
154	89.8	68.6	103.0

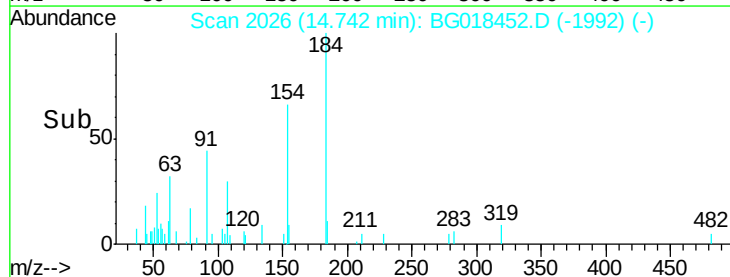
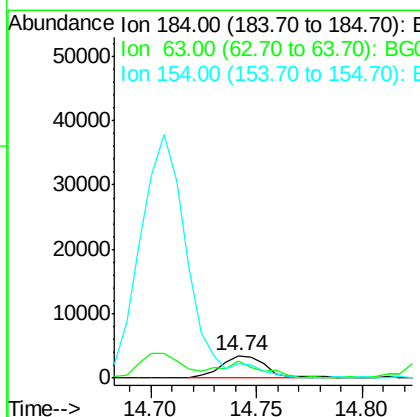
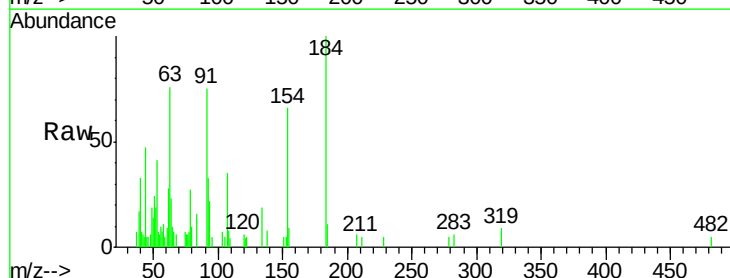
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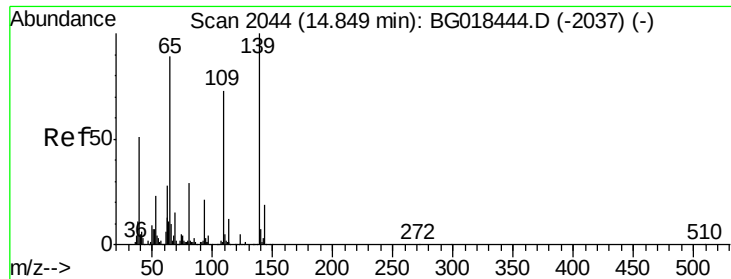
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#51
2,4-Dinitrophenol
Concen: 2.11 ng/ul
RT: 14.74 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.6	55.3	82.9
154	65.9	58.2	87.2





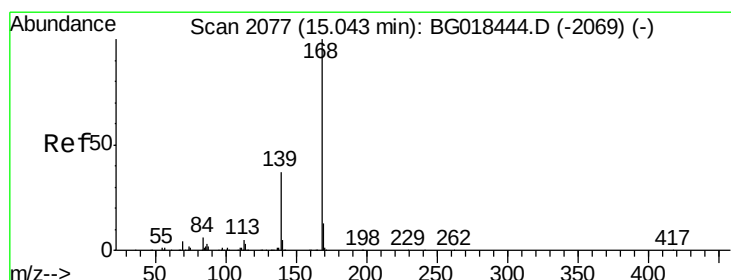
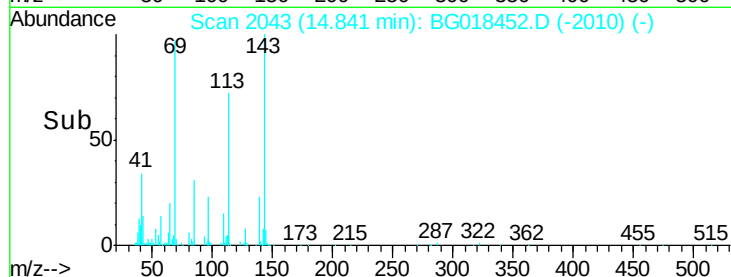
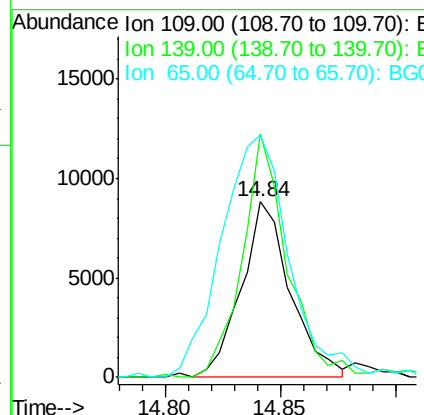
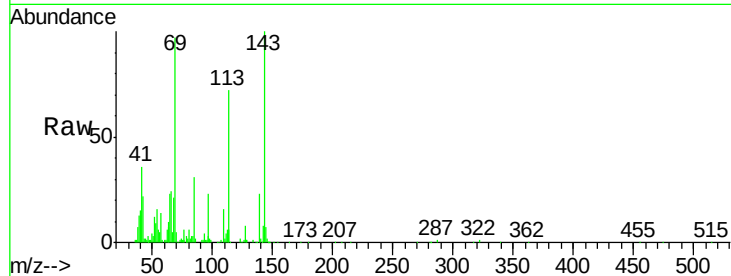
#53
4-Nitrophenol
Concen: 3.24 ng/ul
RT: 14.84 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	13122		
139	138.8	111.3	166.9	
65	137.9	105.3	157.9	

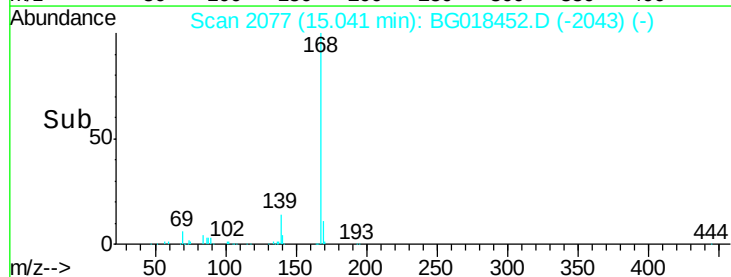
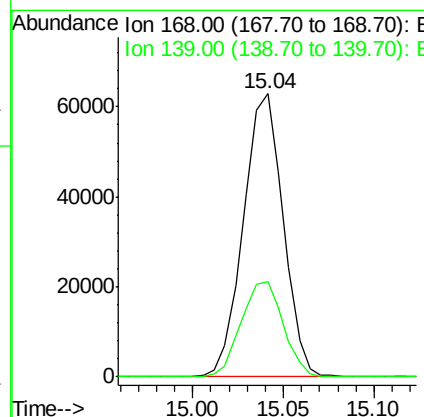
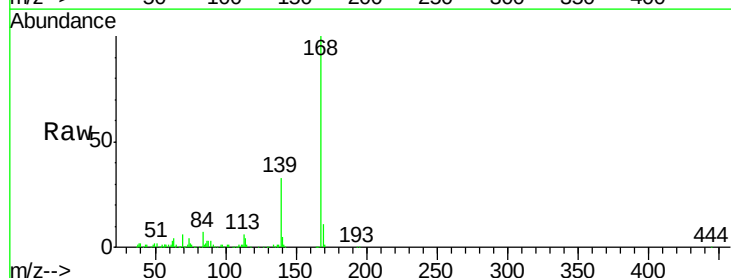
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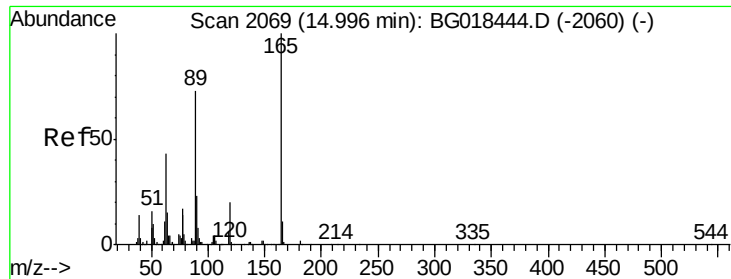
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#54
Dibenzofuran
Concen: 3.20 ng/ul
RT: 15.04 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	96072		
139	33.4	29.7	44.5	





#55

2,4-Dinitrotoluene

Concen: 3.30 ng/ul

RT: 14.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: BG018452.D

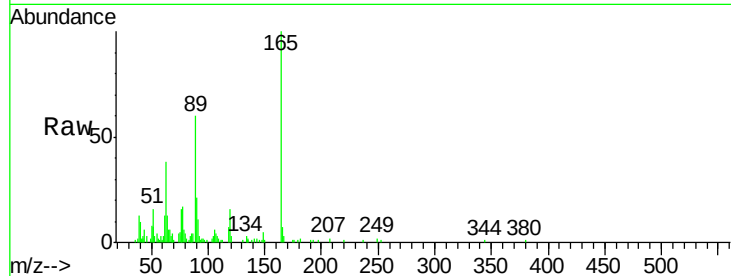
Acq: 17 Aug 2015 14:15

Instrument :

BNA_G

ClientSampleId :

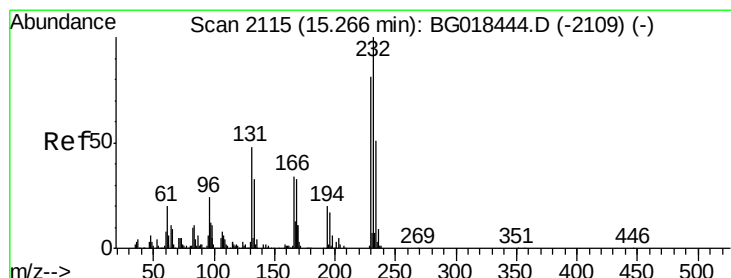
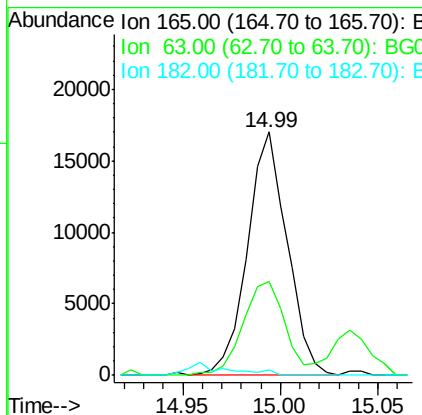
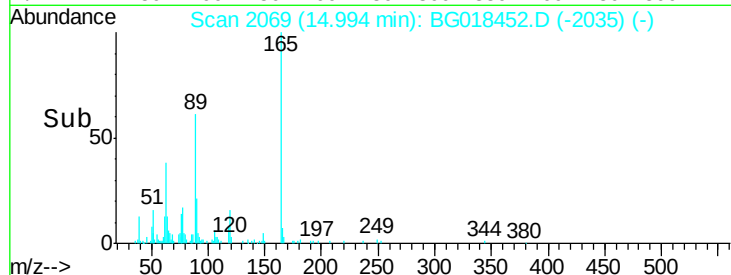
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Tgt Ion	Ratio	Resp	Lower	Upper
165	100	23961		
63	38.5	36.7	55.1	
182	2.3	2.2	3.2	

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#56

2,3,4,6-Tetrachlorophenol

Concen: 2.85 ng/ul

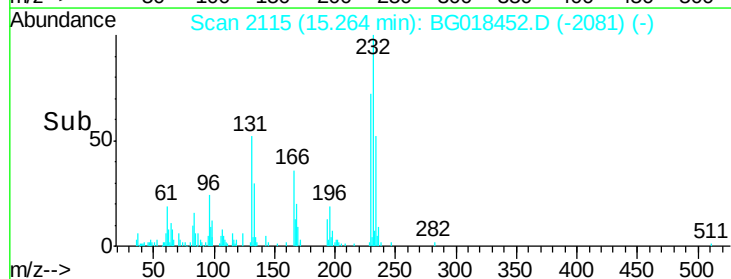
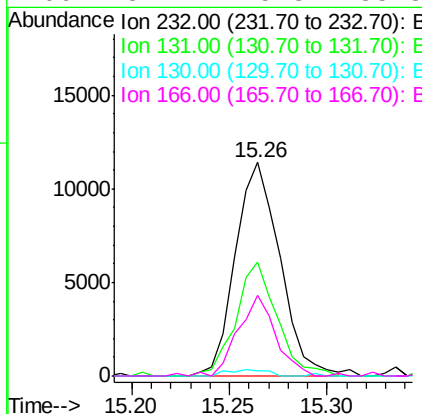
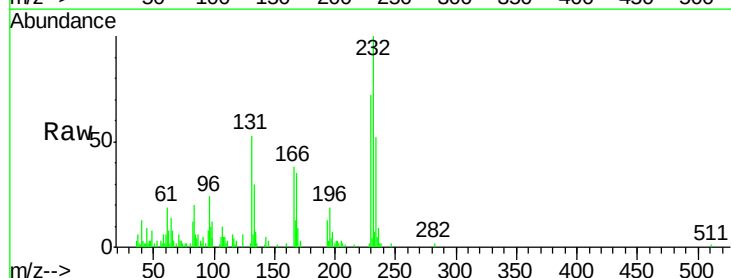
RT: 15.26 min Scan# 2115

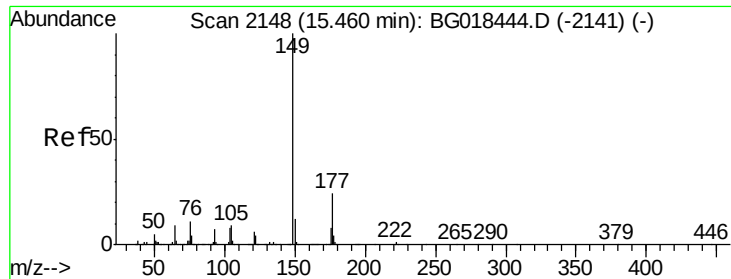
Delta R.T. -0.00 min

Lab File: BG018452.D

Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	17971		
131	53.4	37.4	56.0	
130	2.4	1.4	2.0	
166	37.7	25.8	38.8	





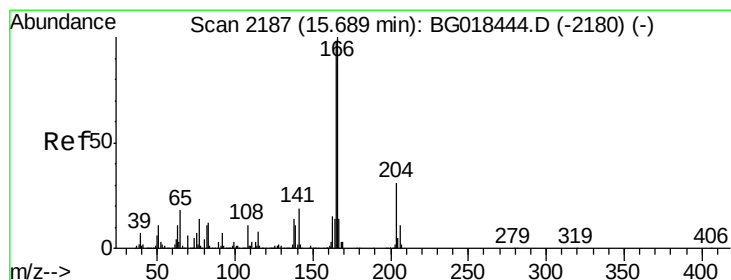
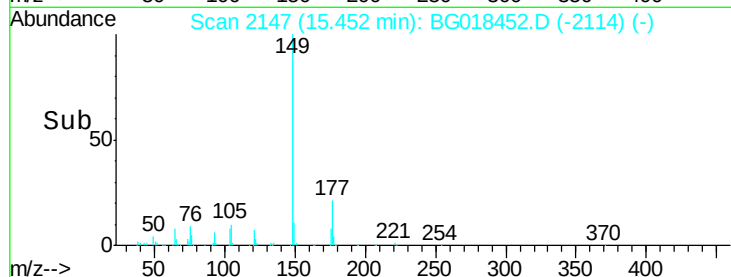
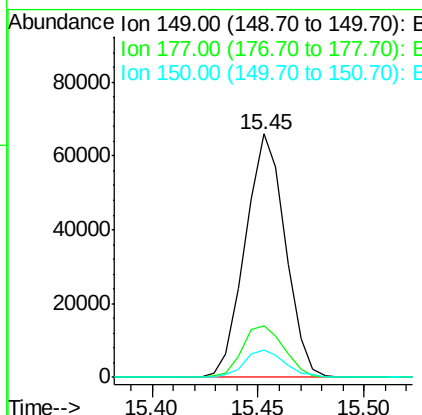
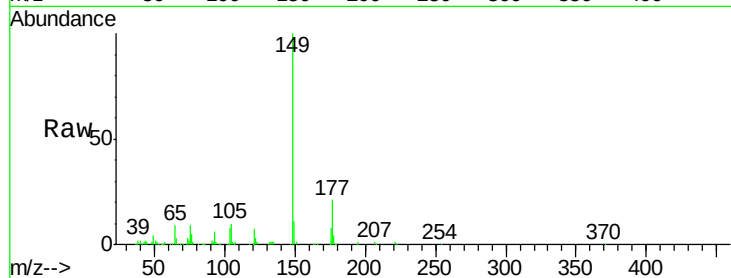
#57
Diethylphthalate
Concen: 3.21 ng/ul
RT: 15.45 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	18.2	27.4
150	11.4	9.7	14.5

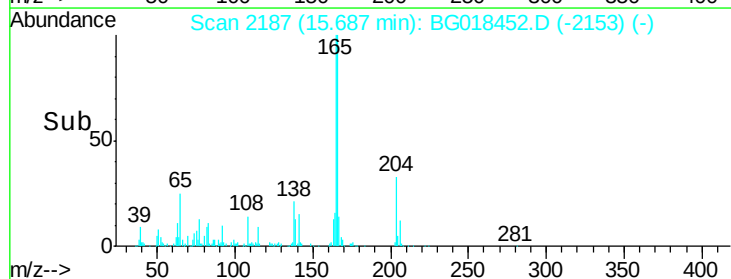
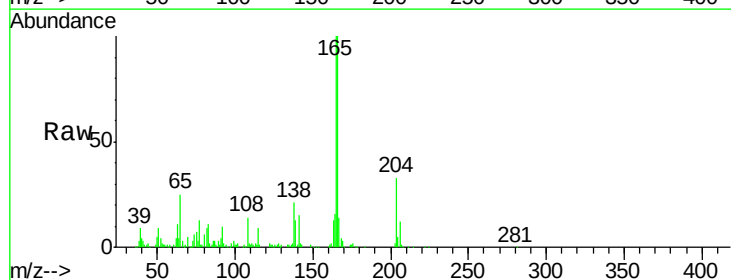
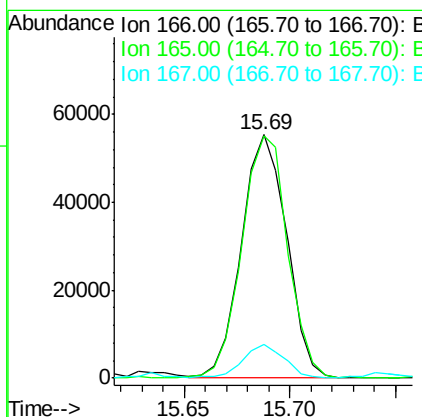
Manual Integrations
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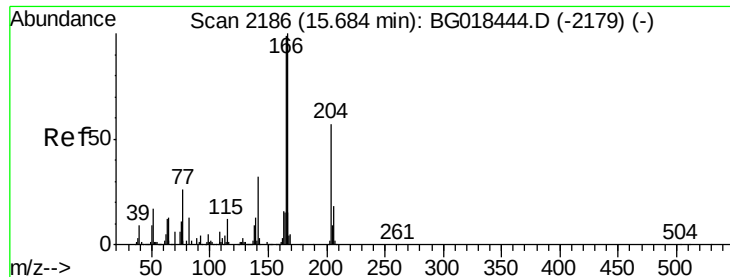
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#59
Fluorene
Concen: 3.18 ng/ul
RT: 15.69 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	82.6	124.0
167	13.9	11.4	17.0





#60

4-Chlorophenyl-phenylether

Concen: 3.17 ng/ul

RT: 15.68 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG018452.D

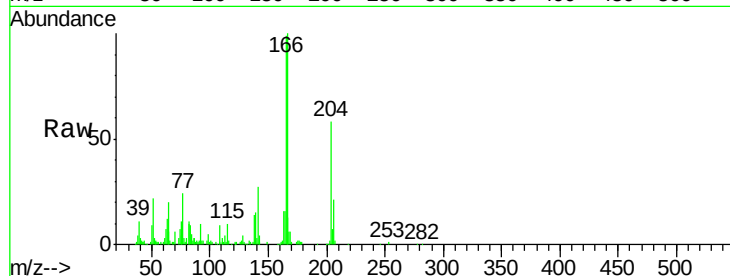
Acq: 17 Aug 2015 14:15

Instrument :

BNA_G

ClientSampleId :

MDL-07-S



Tgt Ion: 204 Resp: 38692

Ion Ratio Lower Upper

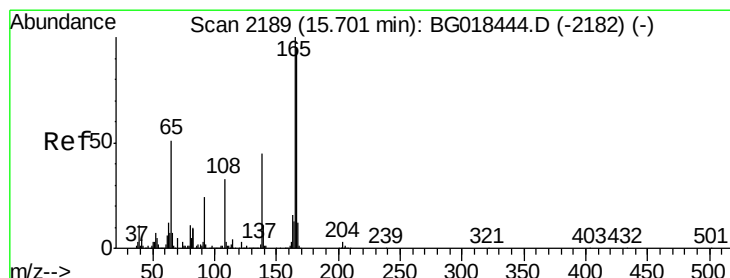
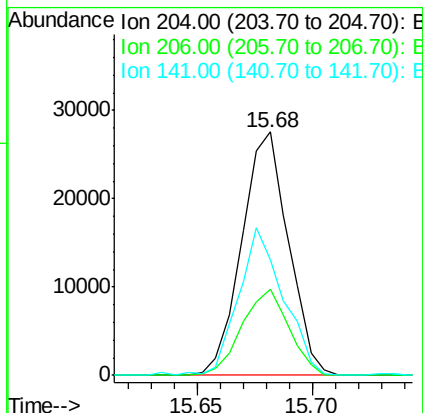
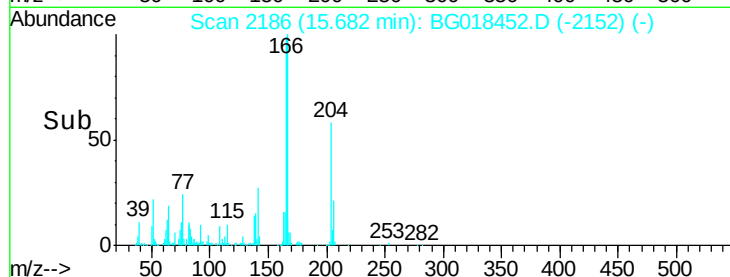
204 100

206 35.4 27.1 40.7

141 47.3 47.1 70.7

Manual Integrations
APPROVED

MMDadoda
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#61

4-Nitroaniline

Concen: 3.31 ng/ul

RT: 15.69 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG018452.D

Acq: 17 Aug 2015 14:15

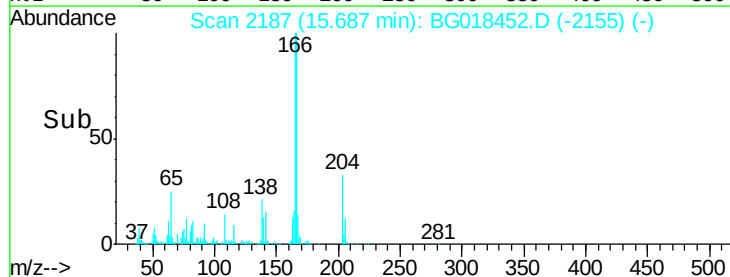
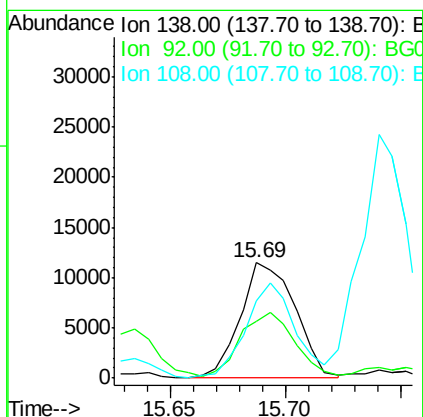
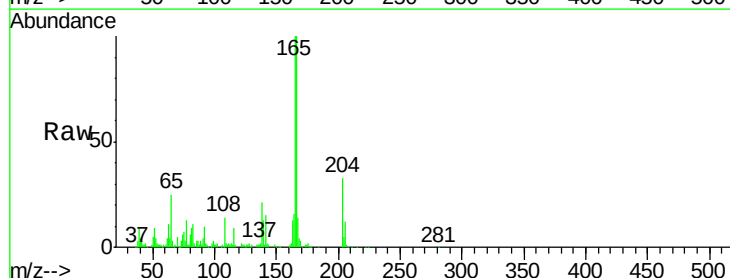
Tgt Ion: 138 Resp: 18999

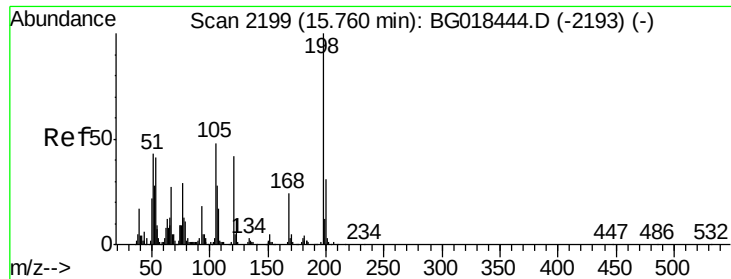
Ion Ratio Lower Upper

138 100

92 49.3 44.0 66.0

108 66.8 64.6 97.0





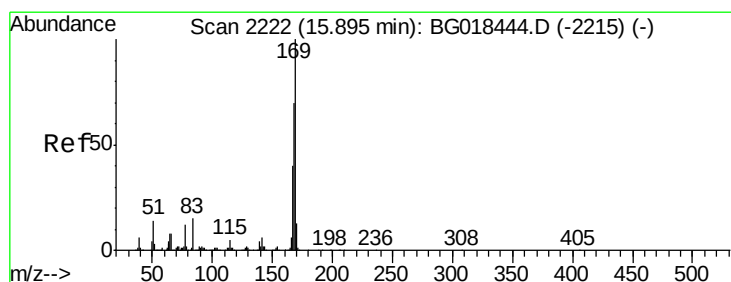
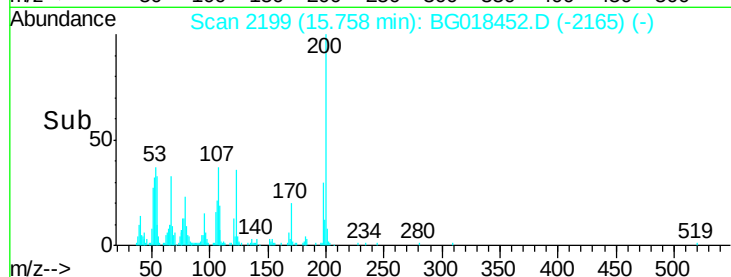
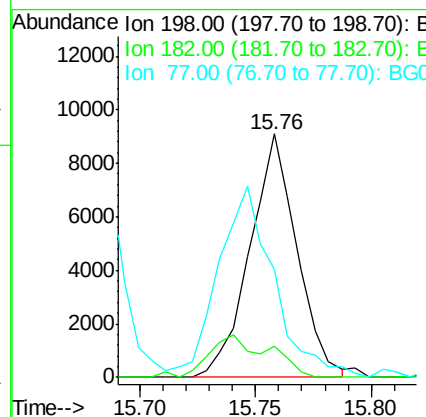
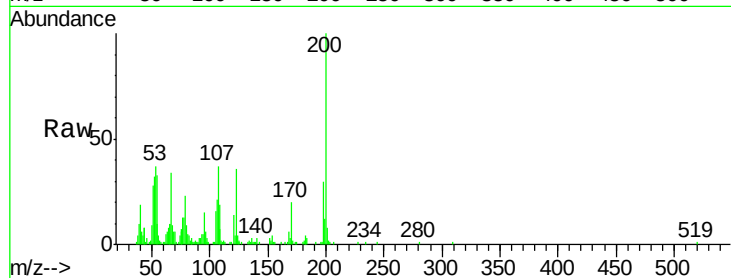
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.08 ng/ul
 RT: 15.76 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG018452.D
 Acq: 17 Aug 2015 14:15

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	12873		
182	12.8	3.4	5.0#	
77	44.2	22.4	33.6#	

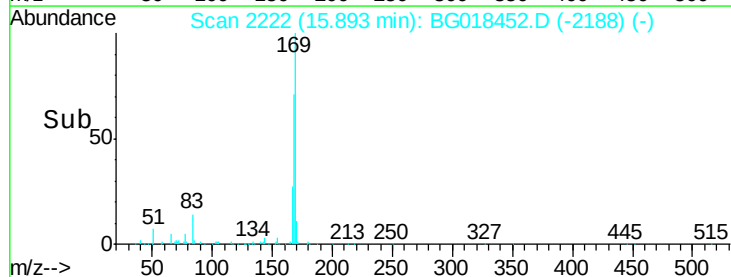
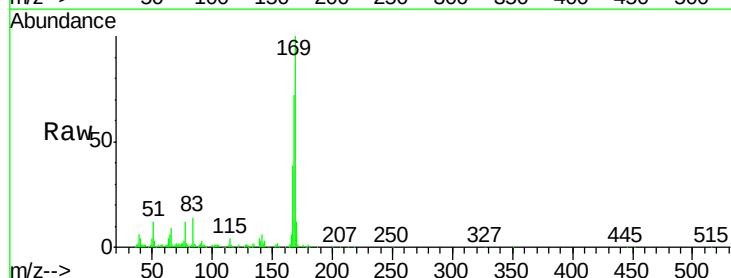
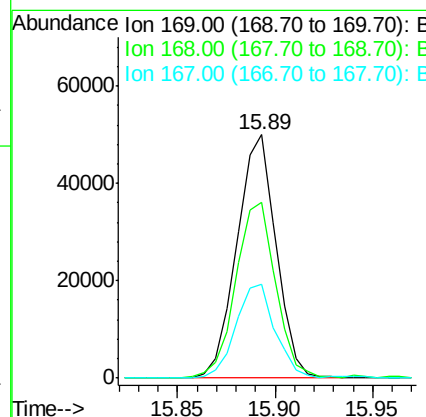
Manual Integrations
 APPROVED

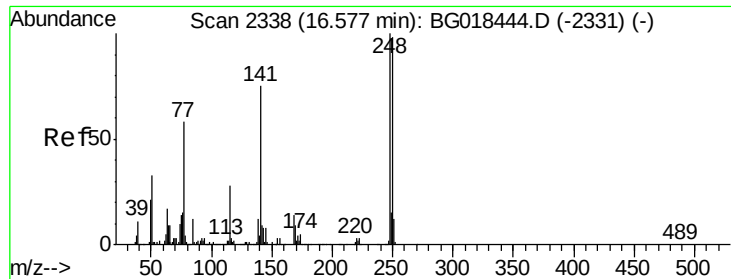
MMDadoda
 8/18/2015 5:21:12 PM



#65
 N-Nitrosodiphenylamine
 Concen: 2.90 ng/ul
 RT: 15.89 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG018452.D
 Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	69521		
168	72.0	60.2	90.2	
167	38.5	33.4	50.2	





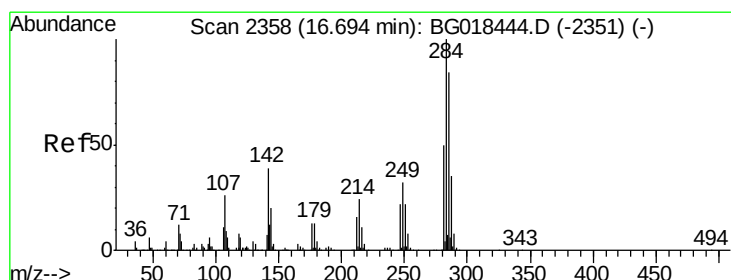
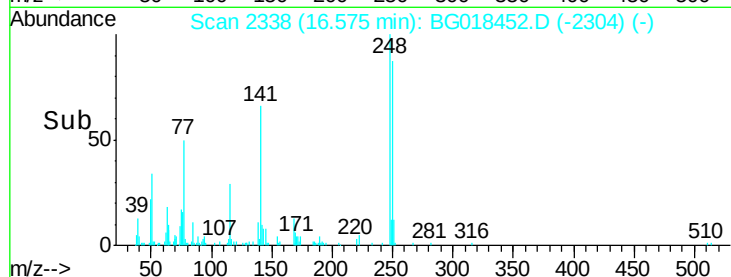
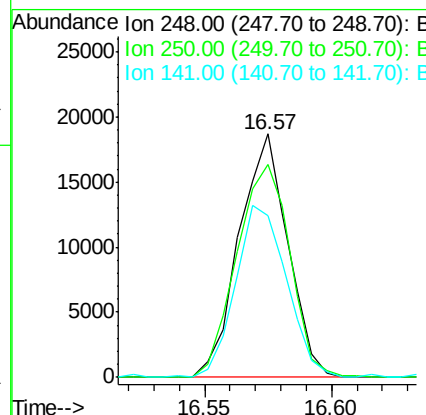
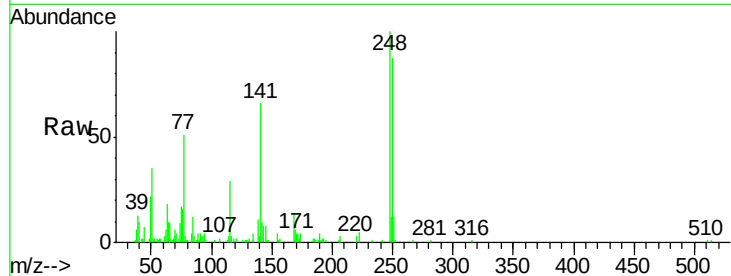
#66
4-Bromophenyl-phenylether
Concen: 2.89 ng/ul
RT: 16.57 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Lower	Upper
248	100		
250	87.4	76.4	114.6
141	66.2	58.6	87.8

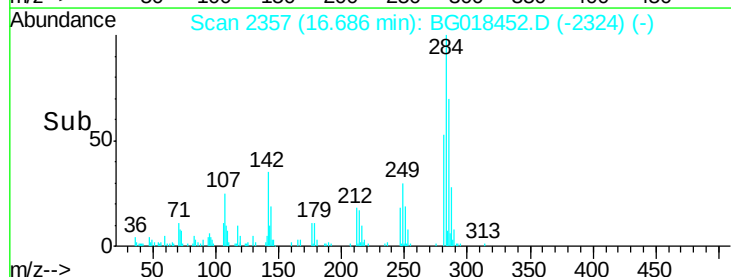
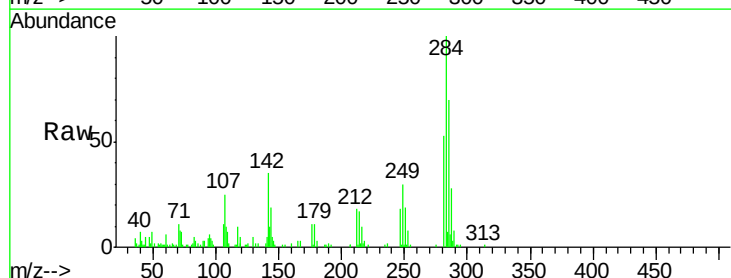
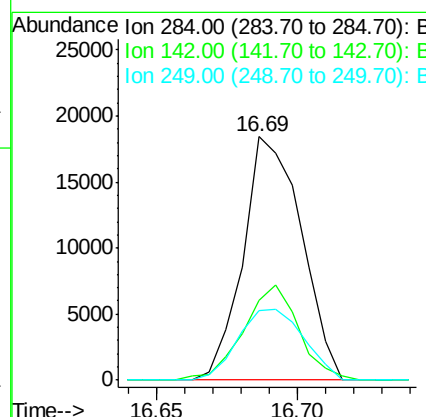
Manual Integrations
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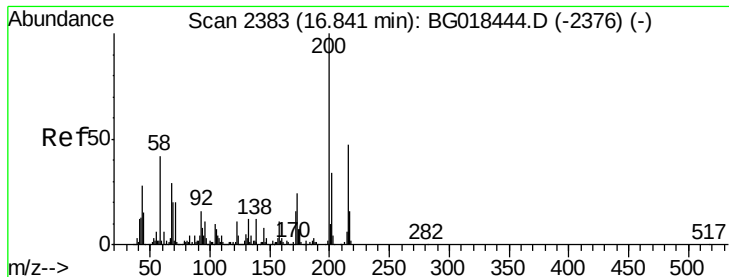
MMDadoda
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#67
Hexachlorobenzene
Concen: 2.90 ng/ul
RT: 16.69 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	28.6	42.8
249	29.5	26.2	39.4





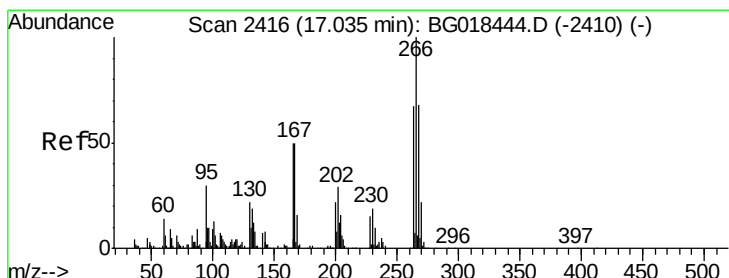
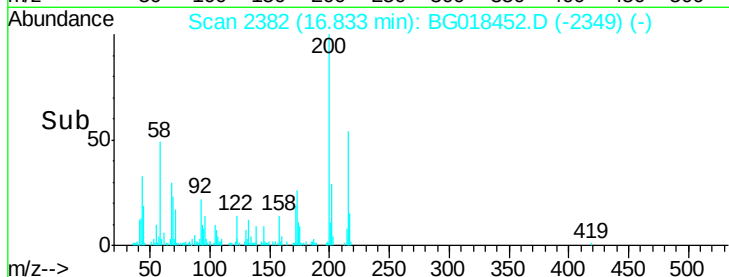
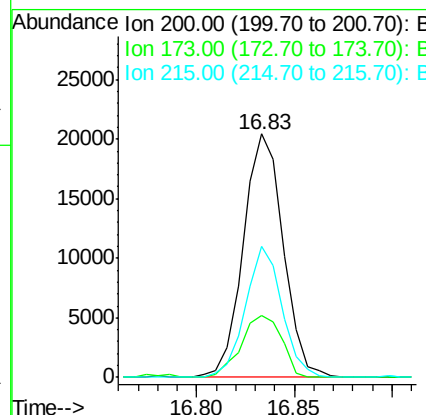
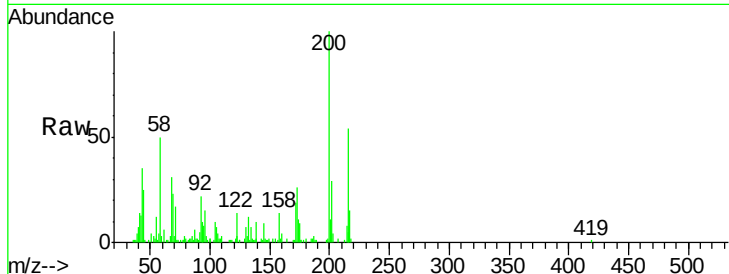
#68
Atrazine
Concen: 3.22 ng/ul
RT: 16.83 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.7	19.0	28.4
215	53.7	37.4	56.2

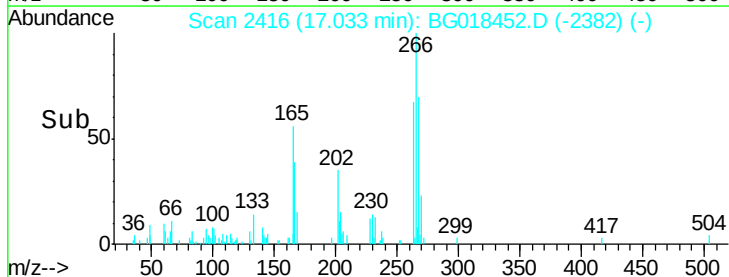
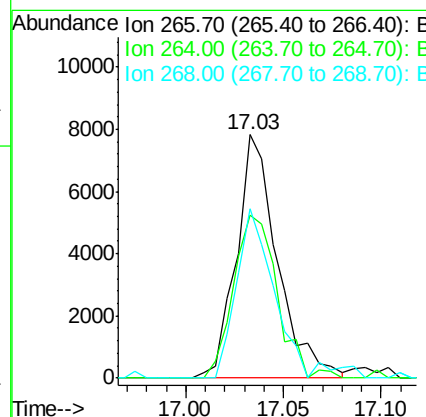
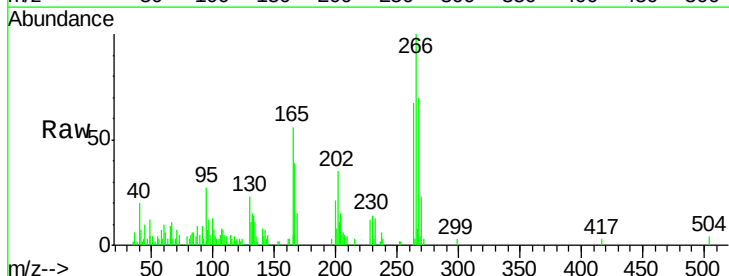
Manual Integrations
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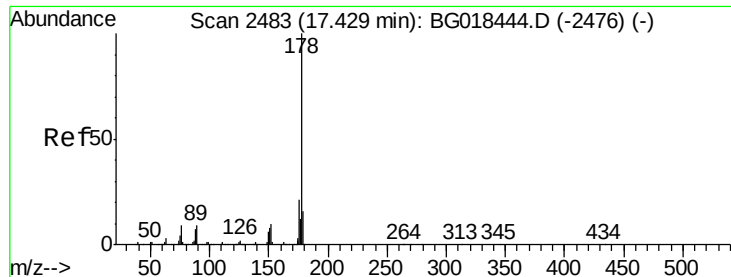
MMDadoda
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#69
Pentachlorophenol
Concen: 1.87 ng/ul
RT: 17.03 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	69.7	55.4	83.0
268	73.7	53.6	80.4





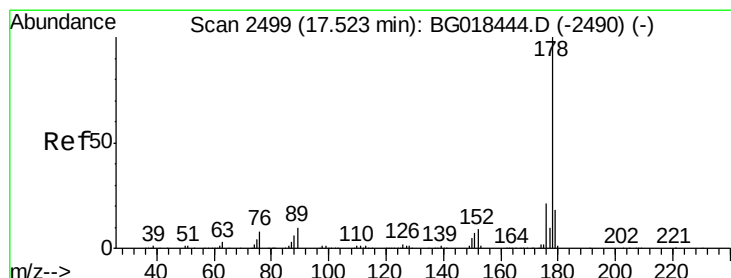
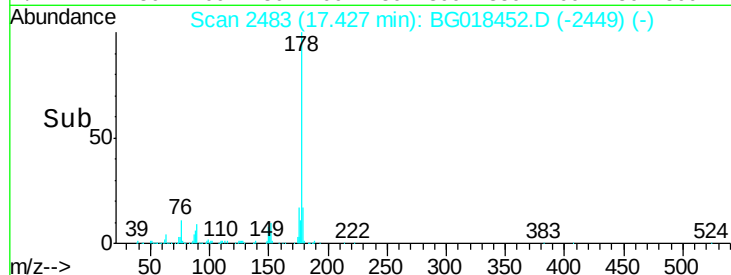
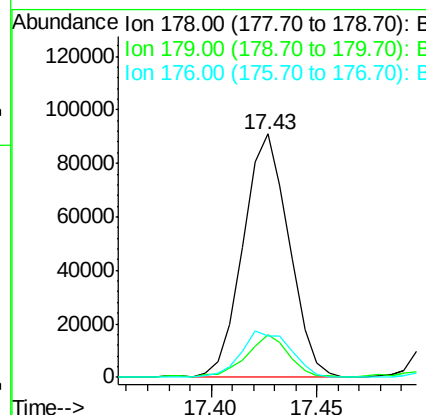
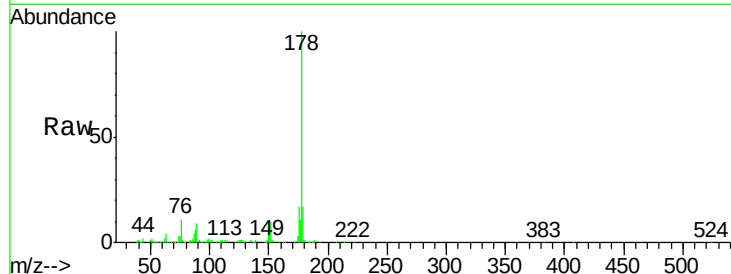
#70
 Phenanthrene
 Concen: 3.16 ng/ul
 RT: 17.43 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG018452.D
 Acq: 17 Aug 2015 14:15

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.7	20.5
176	17.2	16.6	24.8

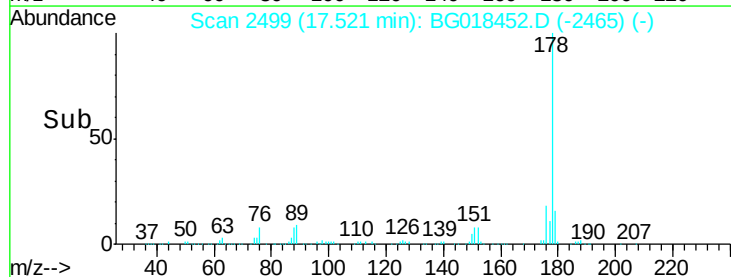
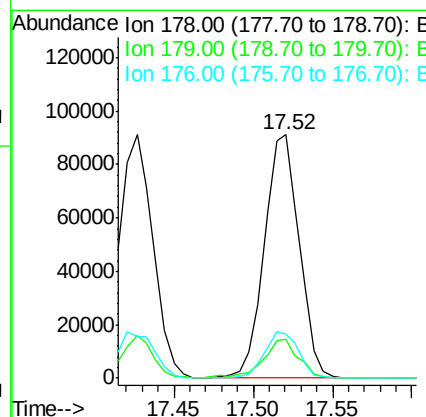
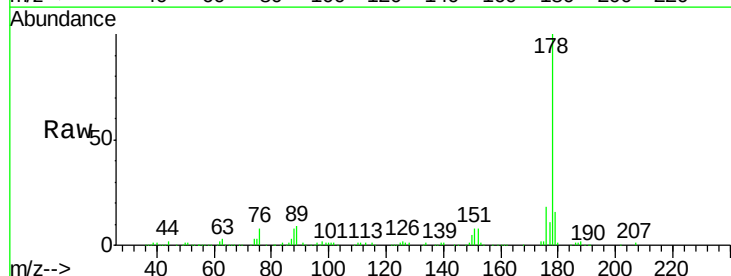
Manual Integrations
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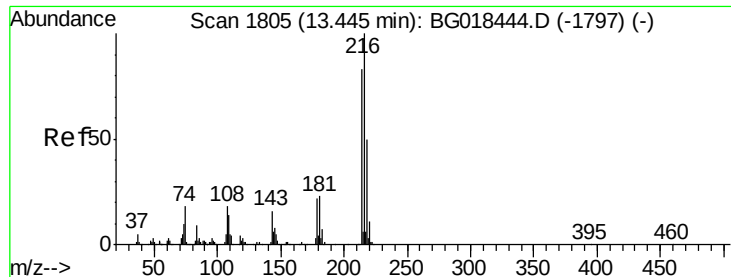
MMDadoda
 8/18/2015 5:21:12 PM



#72
 Anthracene
 Concen: 3.17 ng/ul
 RT: 17.52 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG018452.D
 Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.4
176	17.8	16.0	24.0





#73

1,2,3,4-Tetrachlorobenzene

Concen: 2.47 ng/uL

RT: 13.44 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BG018452.D

Acq: 17 Aug 2015 14:15

Instrument :

BNA_G

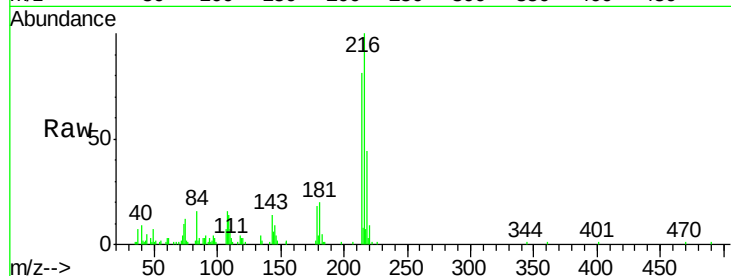
ClientSampleId :

MDL-07-S

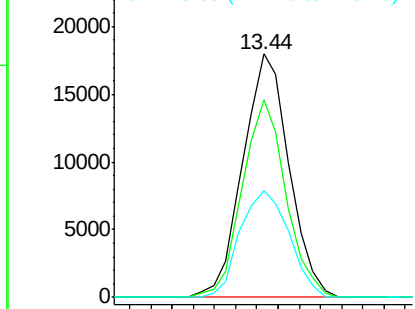
Tgt Ion:	216	Resp:	27294
Ion Ratio	Lower	Upper	
216	100		
214	80.9	64.0	96.0
218	43.7	38.7	58.1

Manual Integrations
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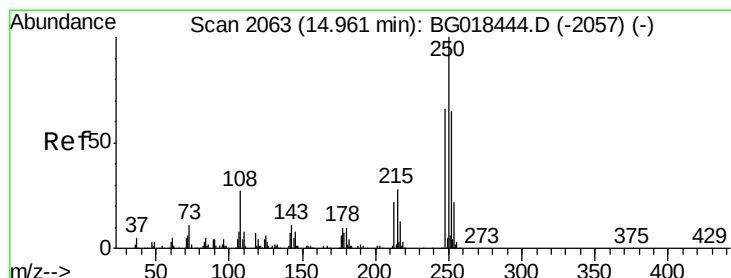
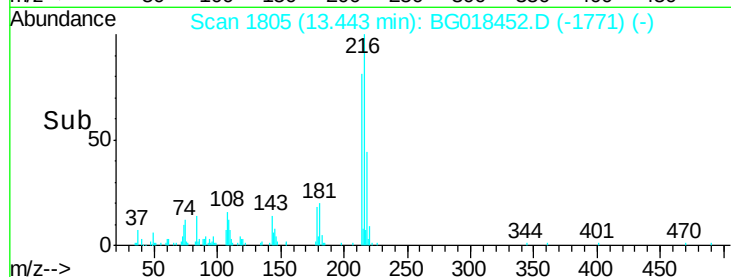
MMDadoda
8/18/2015 5:21:12 PM



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E



Time-->



#74

Pentachlorobenzene

Concen: 2.80 ng/uL

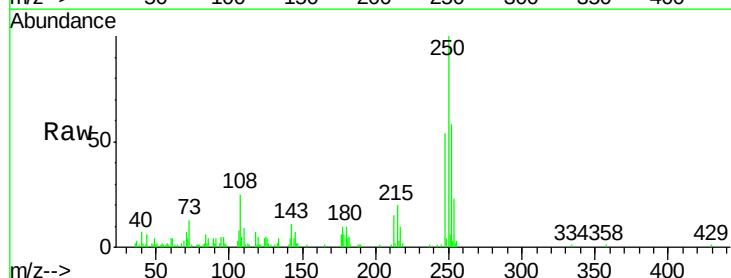
RT: 14.96 min Scan# 2063

Delta R.T. -0.00 min

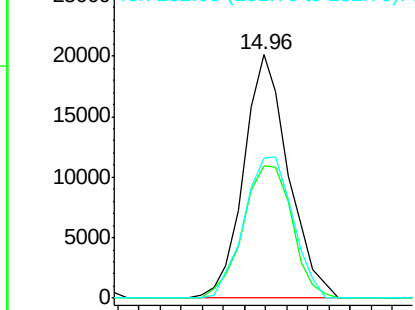
Lab File: BG018452.D

Acq: 17 Aug 2015 14:15

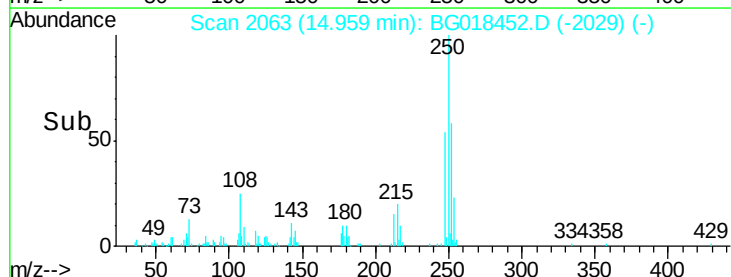
Tgt Ion:	250	Resp:	29504
Ion Ratio	Lower	Upper	
250	100		
248	54.7	45.8	68.8
252	57.6	50.4	75.6

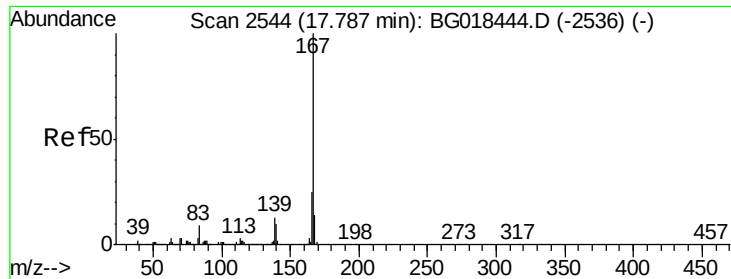


Abundance Ion 250.00 (249.70 to 250.70): E
Ion 248.00 (247.70 to 248.70): E
Ion 252.00 (251.70 to 252.70): E



Time-->





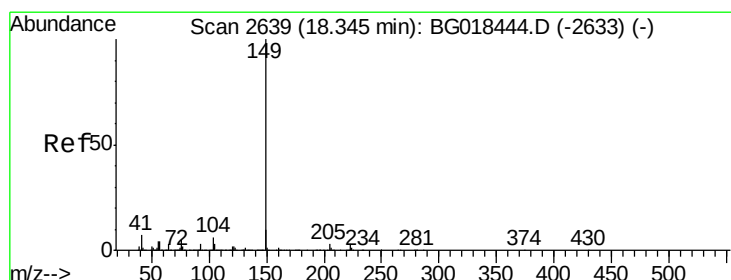
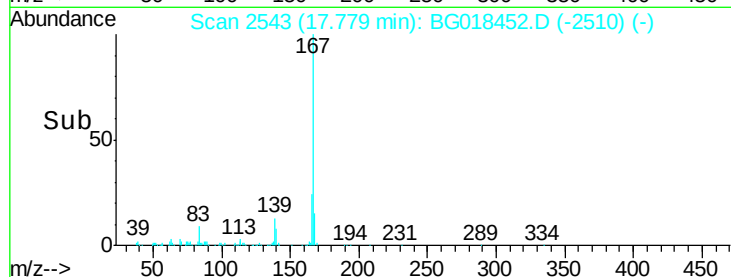
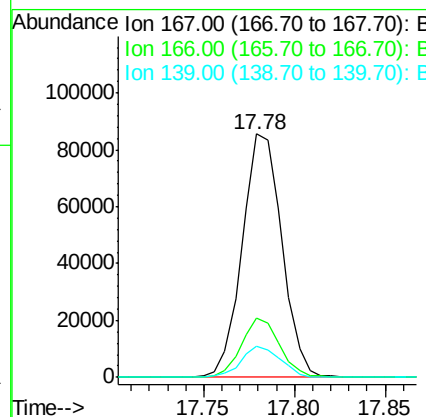
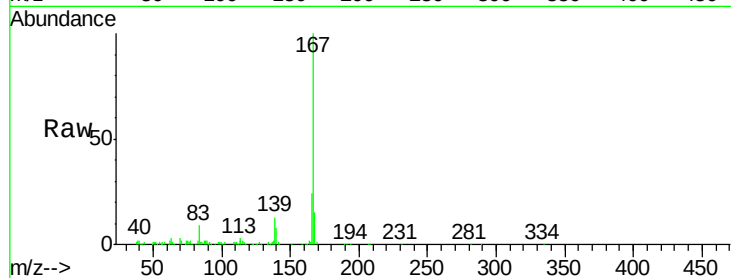
#75
 Carbazole
 Concen: 3.37 ng/ul
 RT: 17.78 min Scan# 2543
 Delta R.T. -0.01 min
 Lab File: BG018452.D
 Acq: 17 Aug 2015 14:15

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	130345		
166	24.3	18.9	28.3	
139	13.0	10.1	15.1	

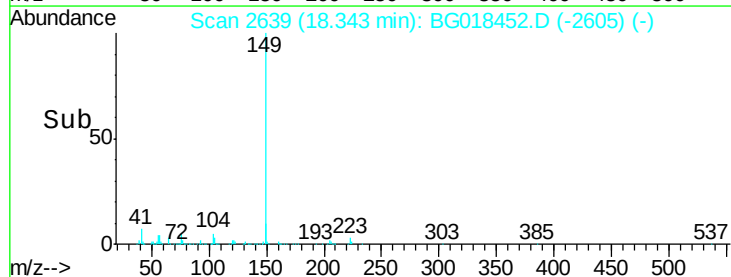
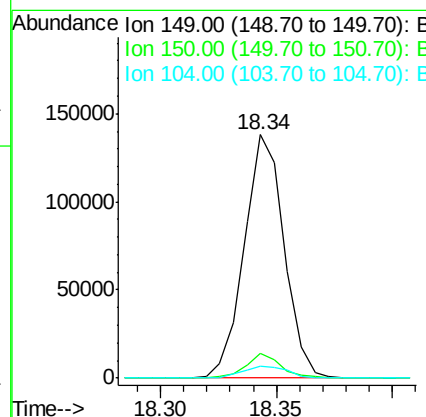
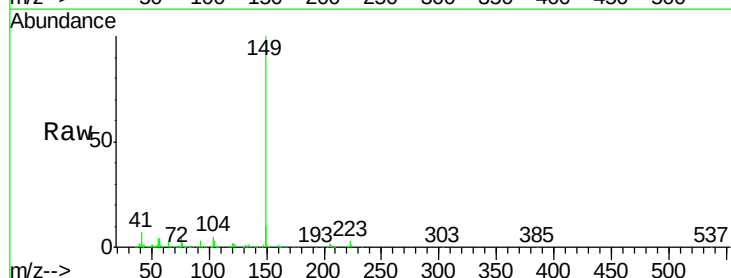
Manual Integrations
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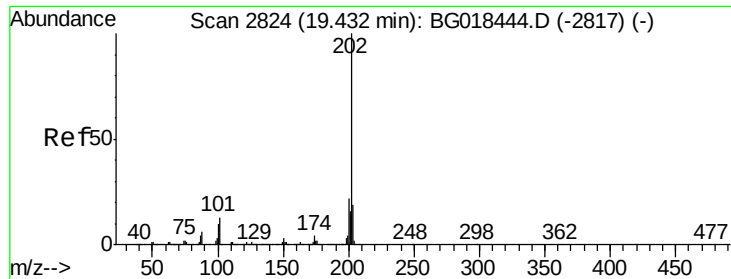
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#76
 Di-n-butylphthalate
 Concen: 3.30 ng/ul
 RT: 18.34 min Scan# 2639
 Delta R.T. -0.00 min
 Lab File: BG018452.D
 Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	166423		
150	10.1	7.5	11.3	
104	4.7	4.3	6.5	





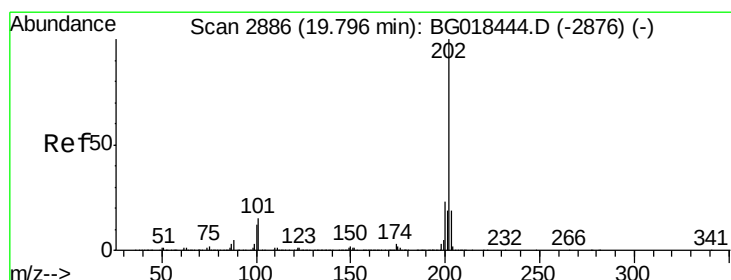
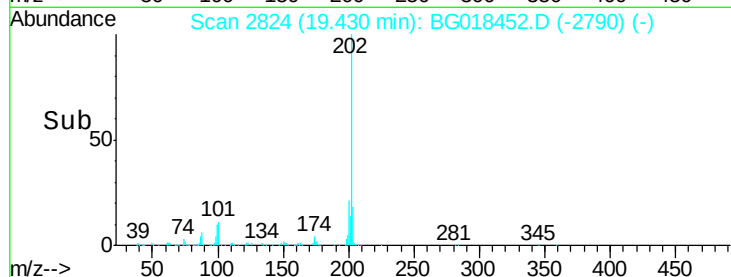
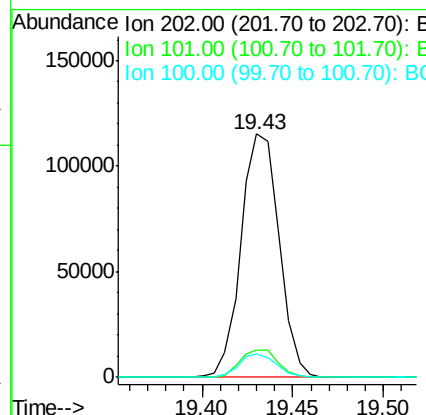
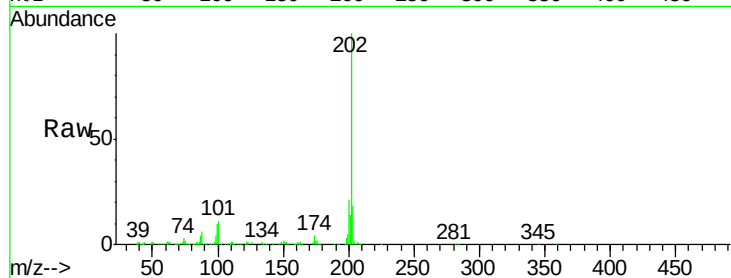
#77
 Fluoranthene
 Concen: 3.65 ng/ul
 RT: 19.43 min Scan# 2824
 Delta R.T. -0.00 min
 Lab File: BG018452.D
 Acq: 17 Aug 2015 14:15

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		168599		
101	11.4	9.7	14.5		
100	9.5	7.8	11.8		

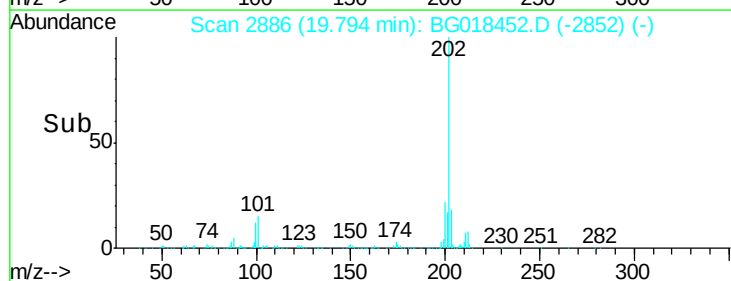
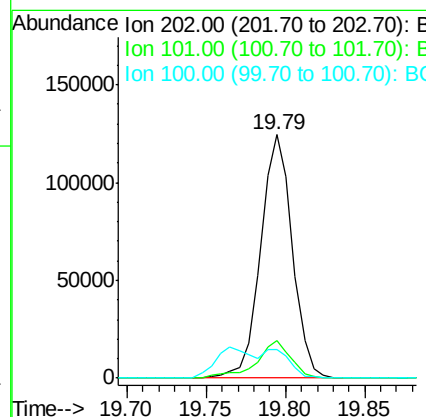
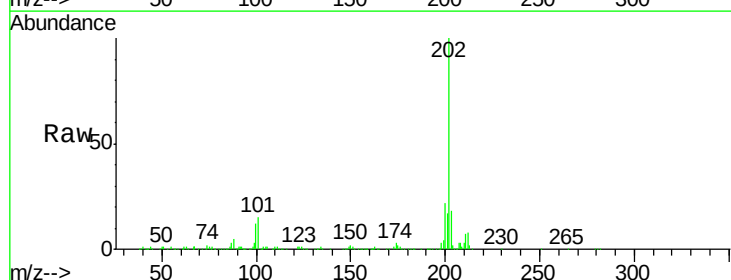
Manual Integrations
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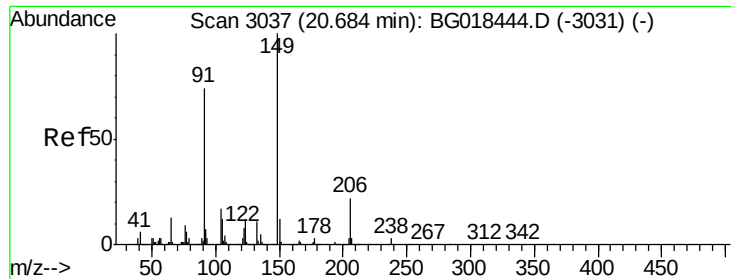
MMDadoda
 8/18/2015 5:21:12 PM



#80
 Pyrene
 Concen: 3.22 ng/ul
 RT: 19.79 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: BG018452.D
 Acq: 17 Aug 2015 14:15

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		173172		
101	15.4	11.0	16.4		
100	11.9	9.8	14.6		





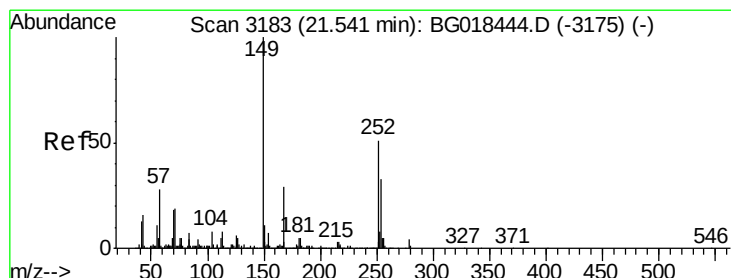
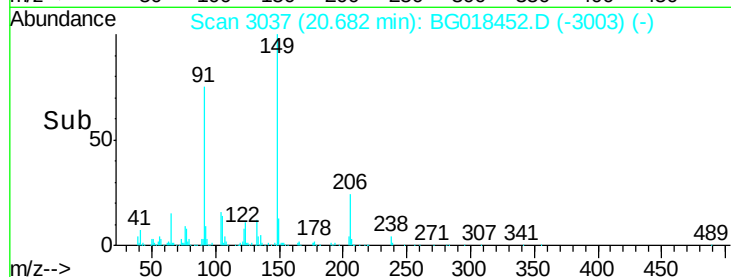
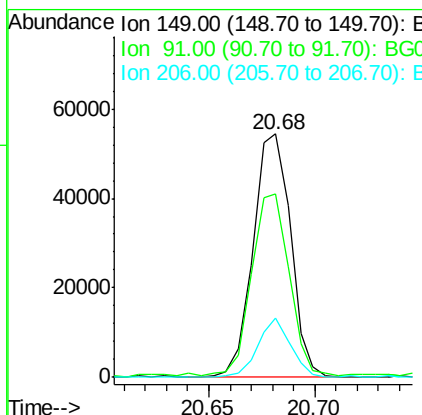
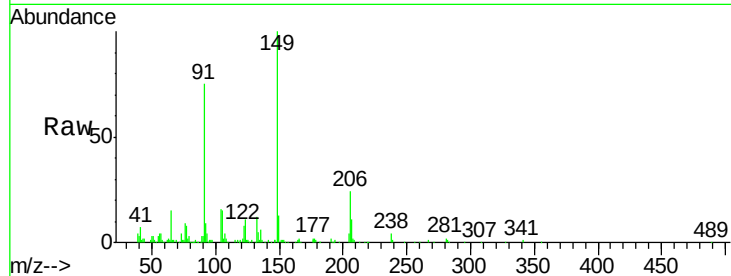
#81
Butylbenzylphthalate
Concen: 2.96 ng/ul
RT: 20.68 min Scan# 3037
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	67335		
91	75.5	57.9	86.9	
206	24.1	17.9	26.9	

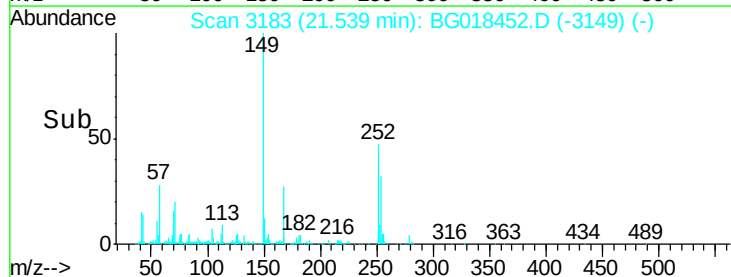
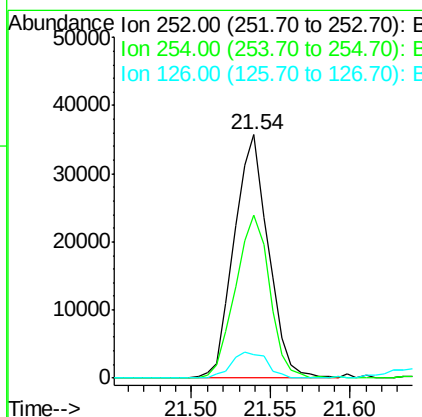
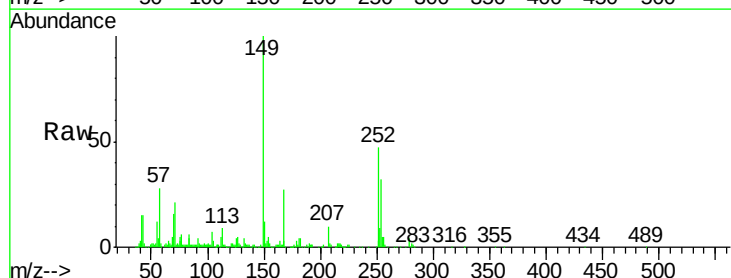
Manual Integrations
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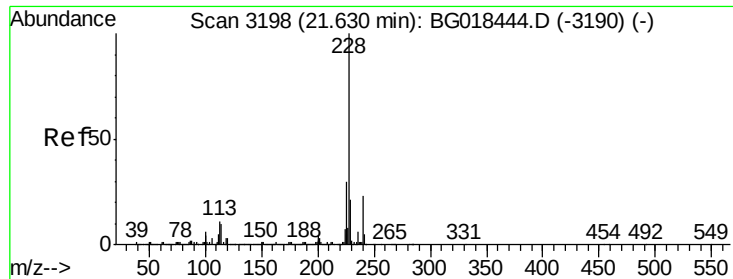
MMDadoda
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#82
3,3'-Dichlorobenzidine
Concen: 3.23 ng/ul
RT: 21.54 min Scan# 3183
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	53327		
254	67.0	50.9	76.3	
126	9.4	9.6	14.4#	





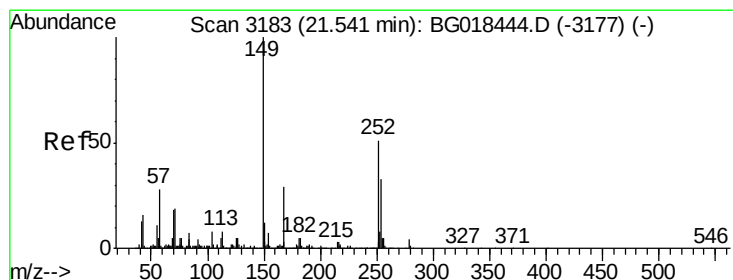
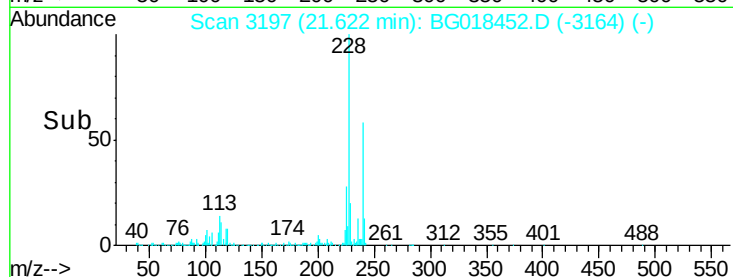
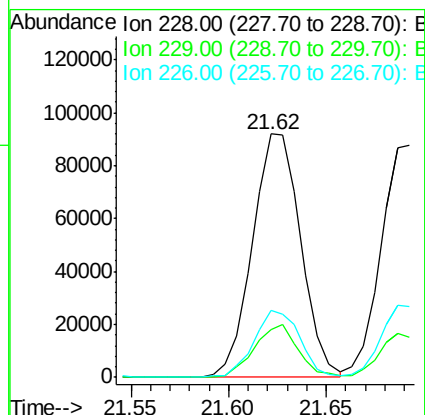
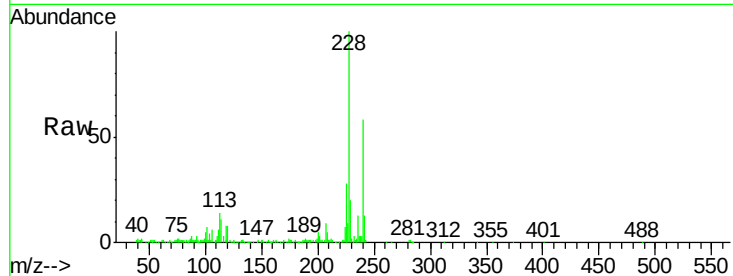
#83
Benzo(a)anthracene
Concen: 3.19 ng/ul
RT: 21.62 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.5	23.3
226	27.6	22.1	33.1

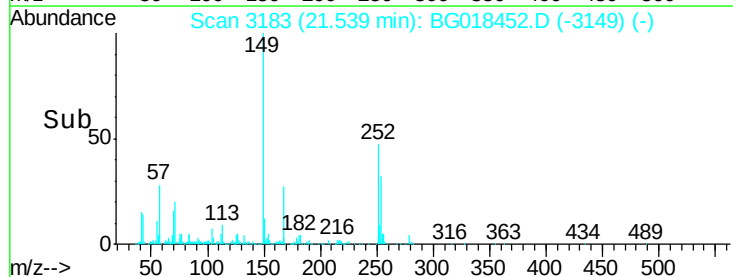
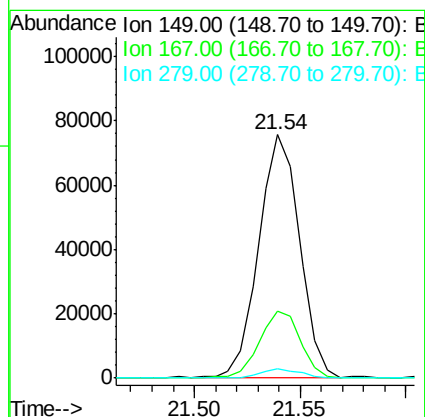
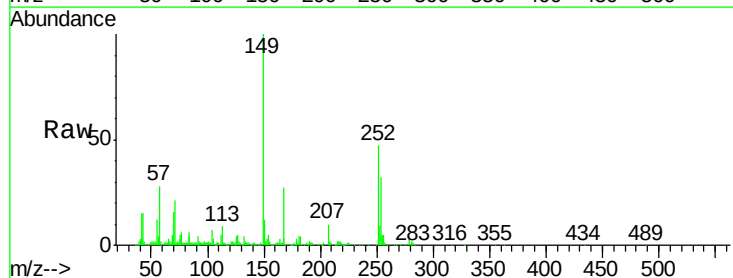
Manual Integrations
APPROVED

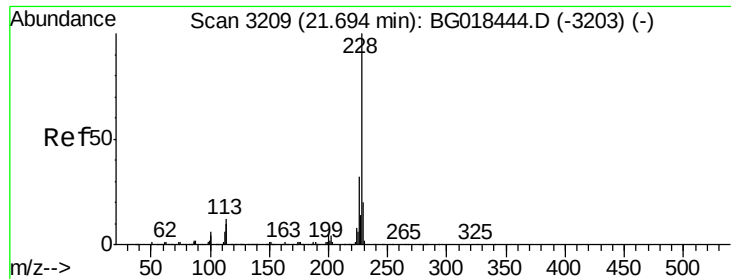
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.17 ng/ul
RT: 21.54 min Scan# 3183
Delta R.T. -0.00 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.2
279	3.7	2.8	4.2





#85

Chrysene

Concen: 3.07 ng/ul

RT: 21.69 min Scan# 3209

Delta R.T. -0.00 min

Lab File: BG018452.D

Acq: 17 Aug 2015 14:15

Instrument :

BNA_G

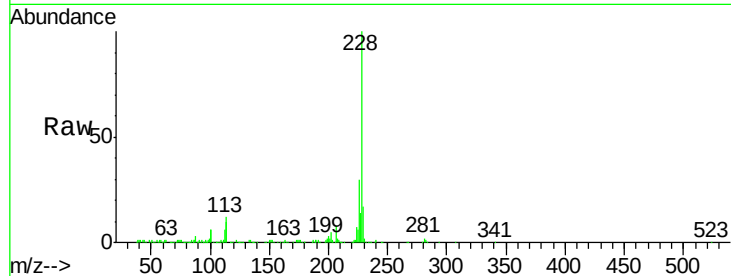
ClientSampleId :

MDL-07-S

Tgt Ion:	228	Resp:	141610
Ion Ratio	Lower	Upper	
228	100		
226	30.2	26.5	39.7
229	17.2	16.9	25.3

Manual Integrations
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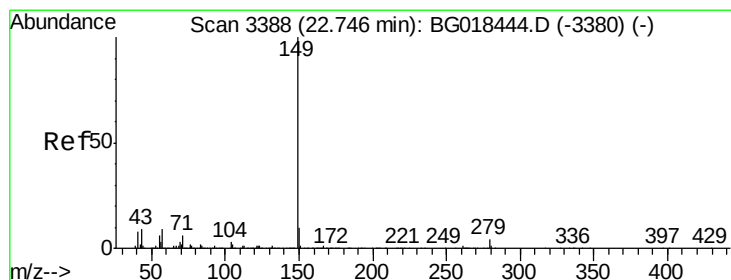
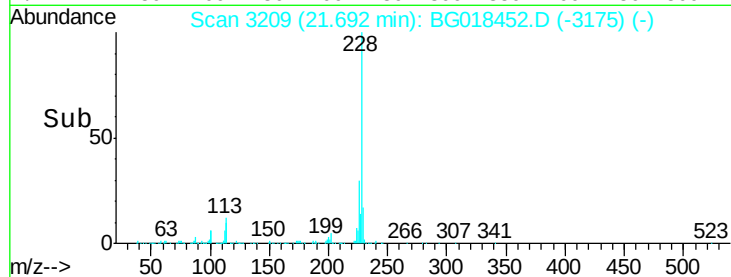
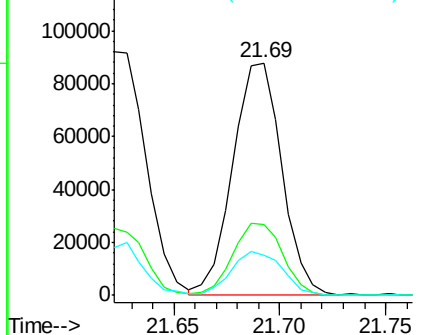
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Di-n-octyl phthalate

Concen: 3.38 ng/ul

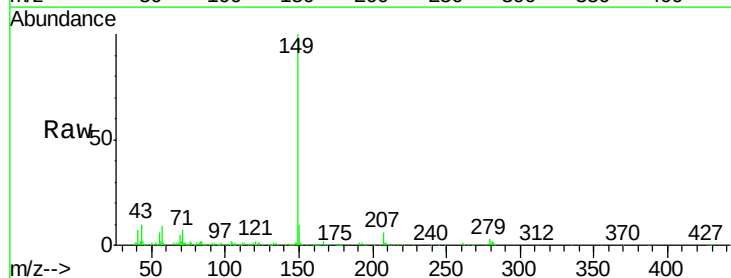
RT: 22.74 min Scan# 3388

Delta R.T. -0.00 min

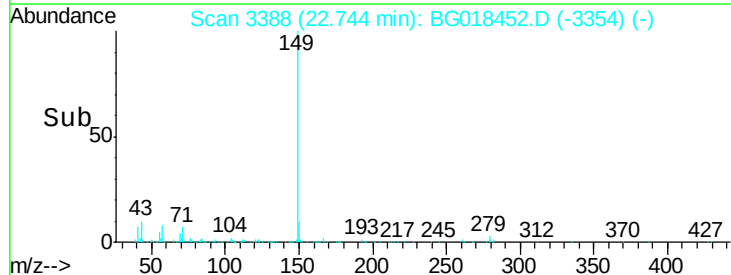
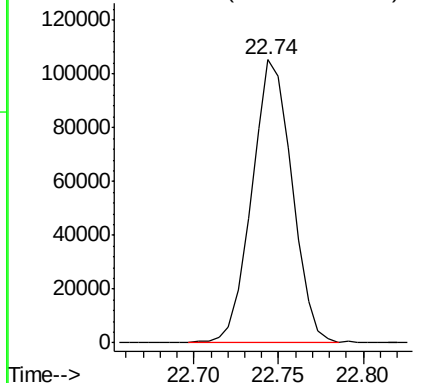
Lab File: BG018452.D

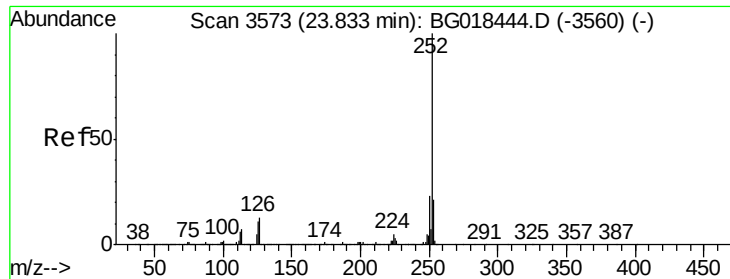
Acq: 17 Aug 2015 14:15

Tgt Ion:149 Resp: 173006



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 3.00 ng/ul m

RT: 23.82 min Scan# 3572

Delta R.T. -0.01 min

Lab File: BG018452.D

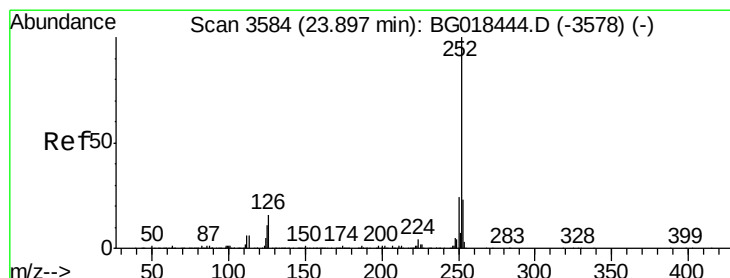
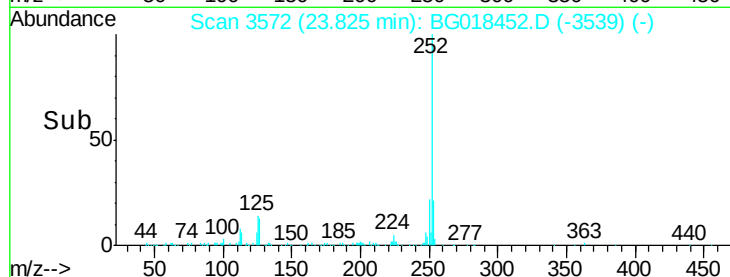
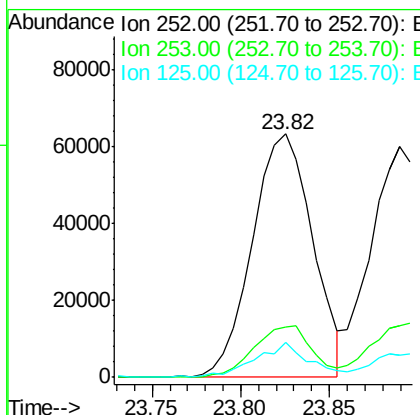
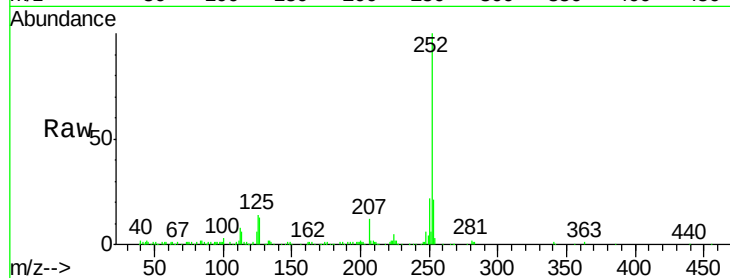
Acq: 17 Aug 2015 14:15

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	20.8	18.1	27.1
125	14.1	8.3	12.5

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#89

Benzo(k)fluoranthene

Concen: 3.00 ng/ul

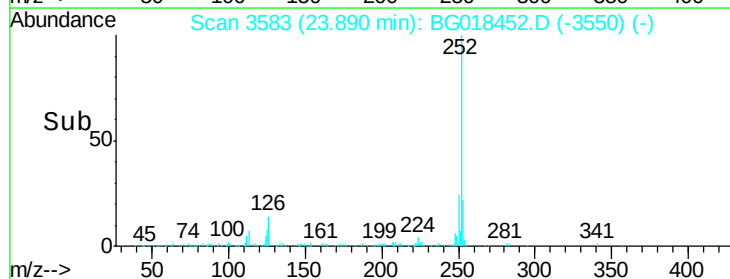
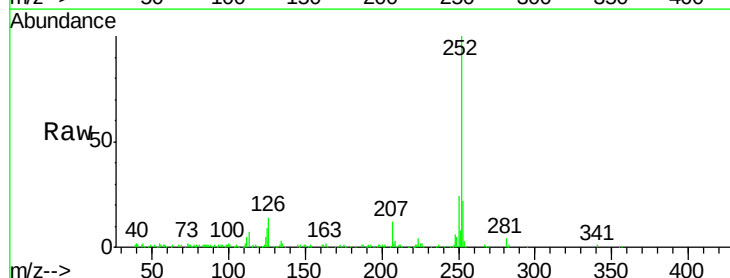
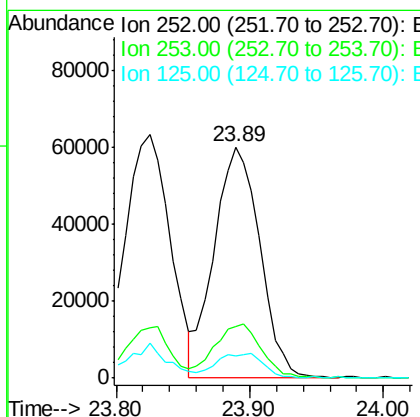
RT: 23.89 min Scan# 3583

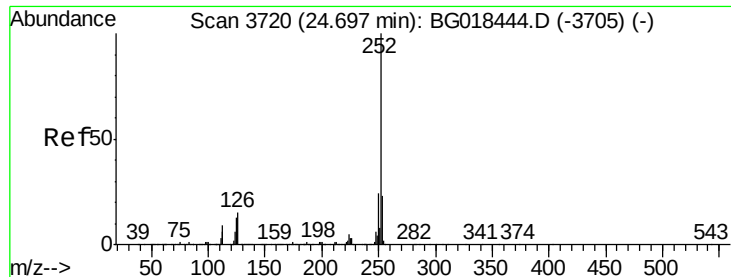
Delta R.T. -0.01 min

Lab File: BG018452.D

Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.4	9.0	13.4





#91

Benzo(a)pyrene

Concen: 3.00 ng/ul

RT: 24.69 min Scan# 3720

Delta R.T. -0.00 min

Lab File: BG018452.D

Acq: 17 Aug 2015 14:15

Instrument :

BNA_G

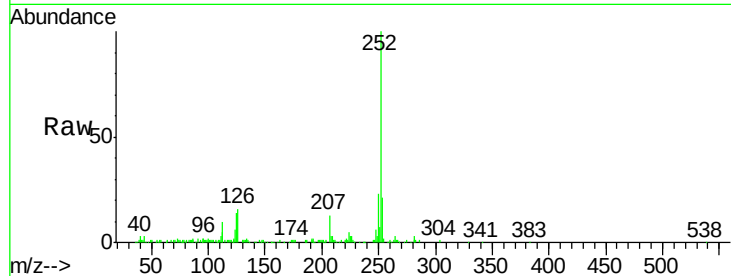
ClientSampleId :

MDL-07-S

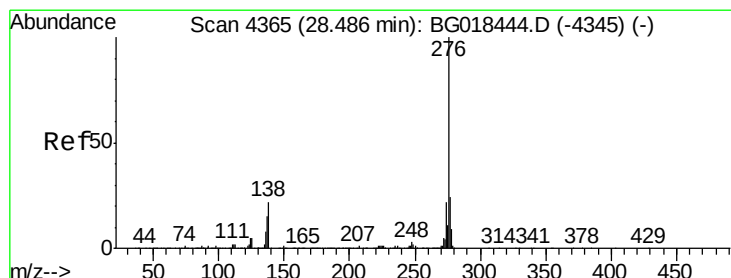
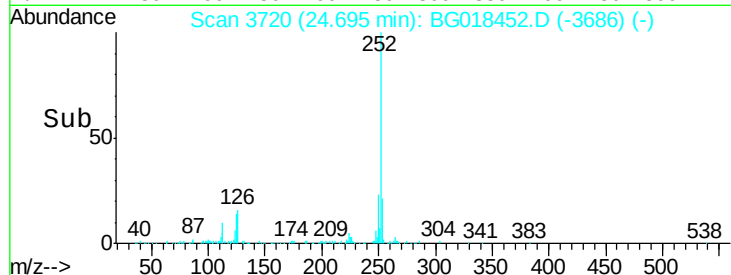
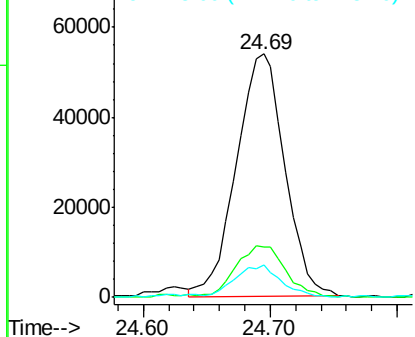
Tgt Ion:	252	Resp:	142526
Ion Ratio		Lower	Upper
252	100		
253	20.8	17.7	26.5
125	13.6	10.2	15.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.94 ng/ul m

RT: 28.47 min Scan# 4363

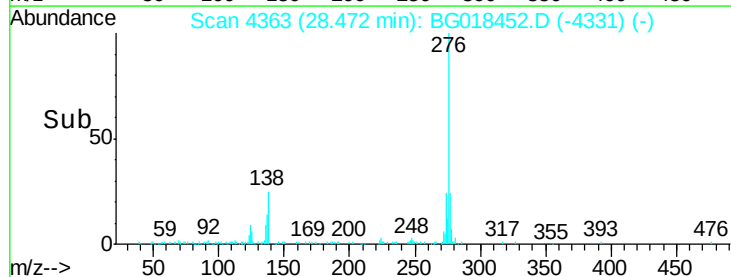
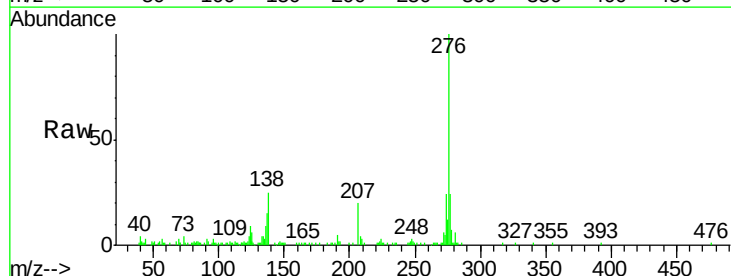
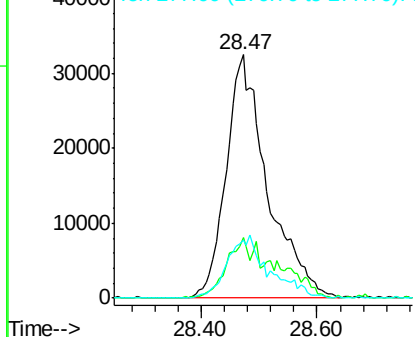
Delta R.T. -0.01 min

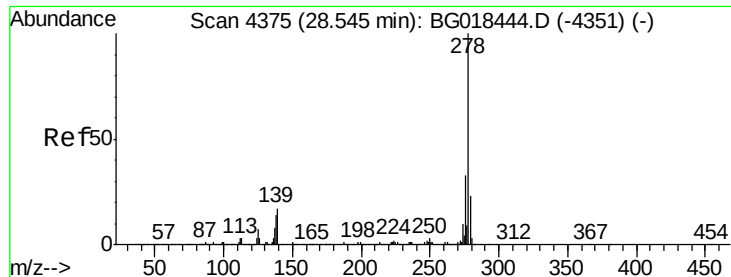
Lab File: BG018452.D

Acq: 17 Aug 2015 14:15

Tgt Ion:	276	Resp:	161603
Ion Ratio		Lower	Upper
276	100		
138	25.0	15.8	23.6#
277	23.8	18.9	28.3

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





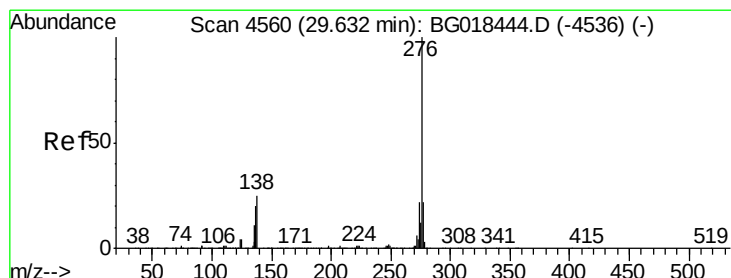
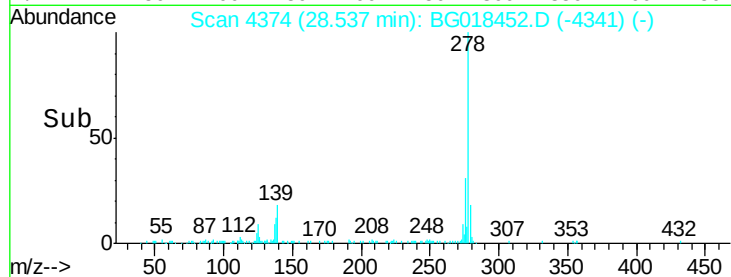
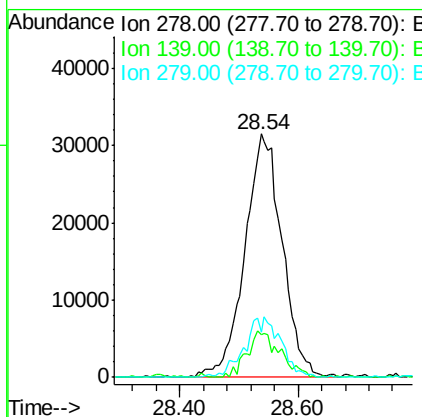
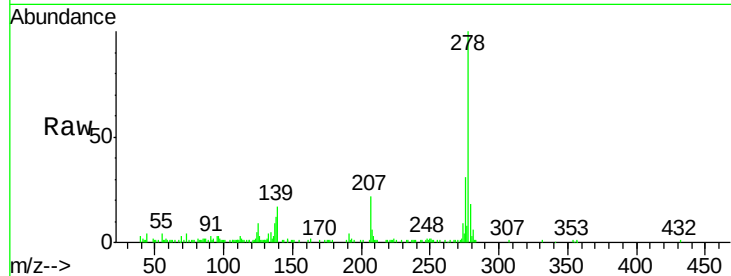
#93
Dibenzo(a,h)anthracene
Concen: 3.03 ng/ul m
RT: 28.54 min Scan# 4374
Delta R.T. -0.01 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.8	20.6
279	18.3	17.8	26.8

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#94
Benzo(g,h,i)perylene
Concen: 2.93 ng/ul
RT: 29.61 min Scan# 4556
Delta R.T. -0.03 min
Lab File: BG018452.D
Acq: 17 Aug 2015 14:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	16.5	24.7#
277	22.0	19.0	28.6

