

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
 Data File : BG017871.D
 Acq On : 14 Jul 2015 23:08
 Operator : TP/UM
 Sample : MDL-04-S
 Misc : MDL-SOIL-SVOC-4PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-S

Manual Integrations
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Quant Time: Jul 15 06:53:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 02:46:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	67645	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	302401	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	175351	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	354899	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	345150	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	323578	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	9950	5.26	ng/uL	0.00
5) Phenol-d5	6.77	99	168748	28.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	116257	29.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	132799	29.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	127408	28.49	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	71181	30.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	52627	29.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	103045	28.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	188125	35.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	373423	30.54	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	485131	30.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	59261	25.69	ng/ul	0.00
57) Fluorene-d10	15.24	176	346561	30.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	28396	17.10	ng/ul	0.00
70) Anthracene-d10	17.09	188	509810	31.70	ng/ul	0.00
78) Pyrene-d10	19.40	212	557695	34.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	480827	30.32	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.15	88	1530m	0.76	ng/ul
4) Benzaldehyde	6.74	77	13956	4.08	ng/ul
6) Phenol	6.79	94	17712	2.77	ng/ul
8) Bis(2-Chloroethyl)ether	7.02	93	16392	3.14	ng/ul#
10) 2-Chlorophenol	7.15	128	13119	2.87	ng/ul#
11) 2-Methylphenol	8.03	108	11856	2.55	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.13	45	22100	2.91	ng/ul#
14) Acetophenone	8.40	105	23838	3.20	ng/ul
15) N-Nitroso-di-n-propylamine	8.39	70	13351	2.91	ng/ul#
16) 4-Methylphenol	8.36	108	13845m	2.73	ng/ul
17) Hexachloroethane	8.66	117	6199	2.84	ng/ul
20) Nitrobenzene	8.78	77	18034	2.90	ng/ul#
21) Isophorone	9.30	82	33408	2.87	ng/ul
23) 2-Nitrophenol	9.49	139	6353	3.02	ng/ul
24) 2,4-Dimethylphenol	9.56	107	14612	2.72	ng/ul
25) Bis(2-Chloroethoxy)methane	9.79	93	18390	2.81	ng/ul#
27) 2,4-Dichlorophenol	10.01	162	10075	2.75	ng/ul#
28) Naphthalene	10.41	128	47863	3.06	ng/ul
30) 4-Chloroaniline	10.53	127	15632	2.88	ng/ul
31) Hexachlorobutadiene	10.71	225	6191	2.68	ng/ul#
32) Caprolactam	11.31	113	4489m	1.67	ng/ul
33) 4-Chloro-3-methylphenol	11.67	107	10241	2.28	ng/ul#
34) 2-Methylnaphthalene	12.04	142	31189	2.94	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	13002	2.82	ng/ul#	85
37) Hexachlorocyclopentadiene	12.40	237	5290	2.21	ng/ul#	75
38) 2,4,6-Trichlorophenol	12.66	196	5517m	2.21	ng/ul	
39) 2,4,5-Trichlorophenol	12.73	196	6751	2.47	ng/ul	96
40) 1,1'-Biphenyl	13.07	154	39703	2.93	ng/ul	93
41) 2-Chloronaphthalene	13.11	162	29658	2.85	ng/ul#	93
42) 2-Nitroaniline	13.32	65	6730	2.20	ng/ul	90
44) Dimethylphthalate	13.70	163	38424	2.99	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	5037	2.15	ng/ul#	87
47) Acenaphthylene	13.96	152	54323	3.09	ng/ul	98
48) 3-Nitroaniline	14.16	138	6693	2.51	ng/ul	91
49) Acenaphthene	14.31	153	34598	2.93	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	790	0.80	ng/ul#	35
52) 4-Nitrophenol	14.46	109	5379	2.75	ng/ul	85
53) Dibenzofuran	14.64	168	46641	3.00	ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	7986	2.38	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	14.88	232	4525	2.15	ng/ul#	84
56) Diethylphthalate	15.08	149	36960	2.80	ng/ul	99
58) Fluorene	15.30	166	39751	2.94	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.30	204	18075	2.88	ng/ul	92
60) 4-Nitroaniline	15.32	138	7109	2.24	ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	15.38	198	2937	1.59	ng/ul#	73
64) N-Nitrosodiphenylamine	15.51	169	31240	2.89	ng/ul	92
65) 4-Bromophenyl-phenylether	16.20	248	9633	2.83	ng/ul	91
66) Hexachlorobenzene	16.30	284	10866	2.94	ng/ul	98
67) Atrazine	16.47	200	8777	2.37	ng/ul#	88
68) Pentachlorophenol	16.65	266	2489m	1.36	ng/ul	
69) Phenanthrene	17.04	178	59836	3.05	ng/ul	98
71) Anthracene	17.13	178	60792	3.03	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	12672	2.81	ng/uL	95
73) Pentachlorobenzene	14.56	250	13849	3.20	ng/uL	92
74) Carbazole	17.40	167	55630	3.18	ng/ul	96
75) Di-n-butylphthalate	17.98	149	58147	2.65	ng/ul	97
76) Fluoranthene	19.06	202	62491	3.14	ng/ul	96
79) Pyrene	19.43	202	72813	3.43	ng/ul	99
80) Butylbenzylphthalate	20.35	149	18878	2.20	ng/ul#	84
81) 3,3'-Dichlorobenzidine	21.12	252	9239	1.79	ng/ul#	88
82) Benzo(a)anthracene	21.18	228	60872	3.19	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	23119	1.94	ng/ul	95
84) Chrysene	21.24	228	59167	3.23	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	35262	1.86	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	50701m	2.84	ng/ul	
88) Benzo(k)fluoranthene	22.79	252	52067	2.83	ng/ul	98
90) Benzo(a)pyrene	23.32	252	52773	2.94	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.67	276	52414	2.73	ng/ul	95
92) Dibenzo(a,h)anthracene	25.68	278	41310	2.53	ng/ul	95
93) Benzo(g,h,i)perylene	26.35	276	44853	2.79	ng/ul	97

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

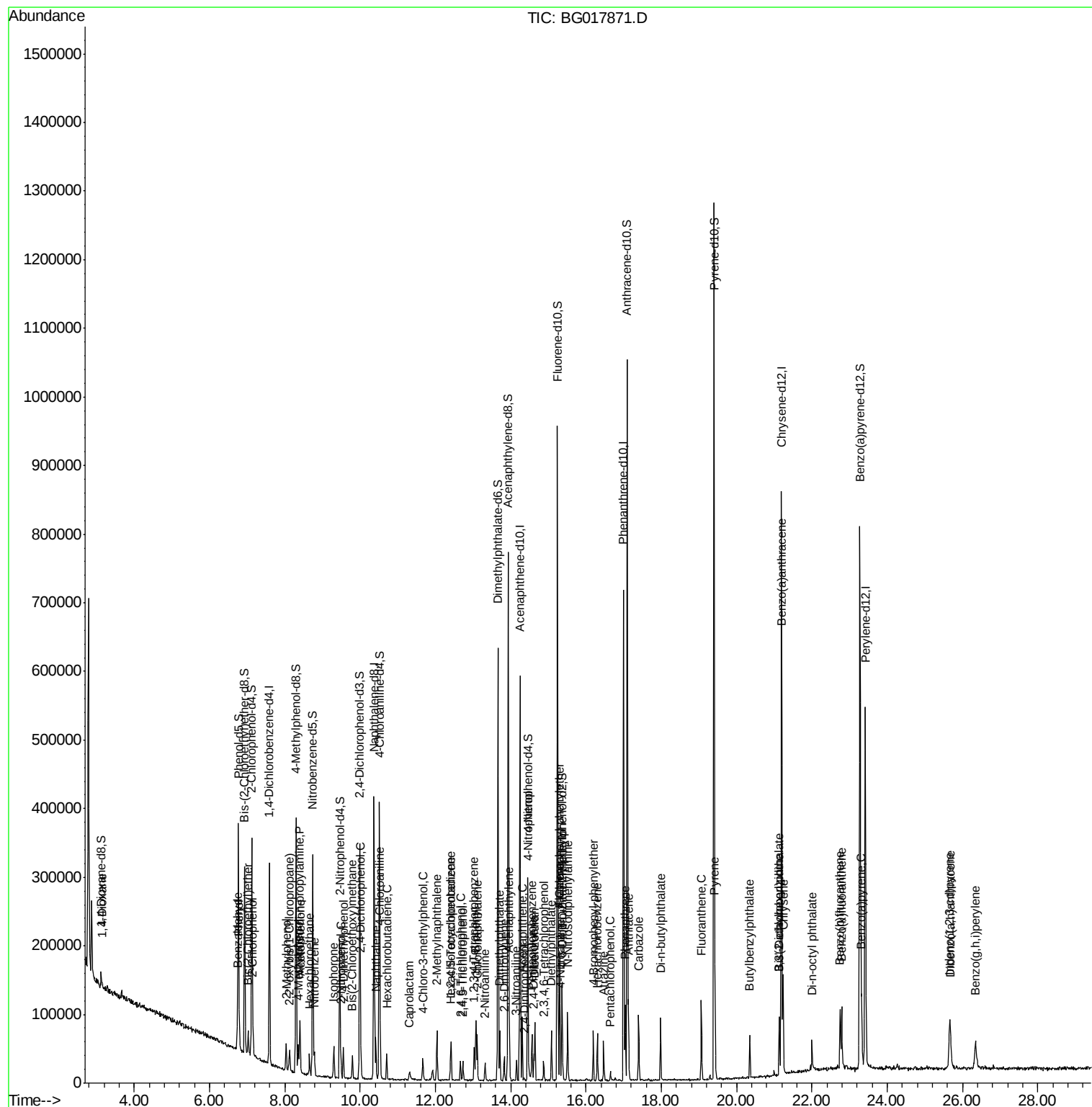
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
Data File : BG017871.D
Acq On : 14 Jul 2015 23:08
Operator : TP/UM
Sample : MDL-04-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 12 Sample Multiplier: 1

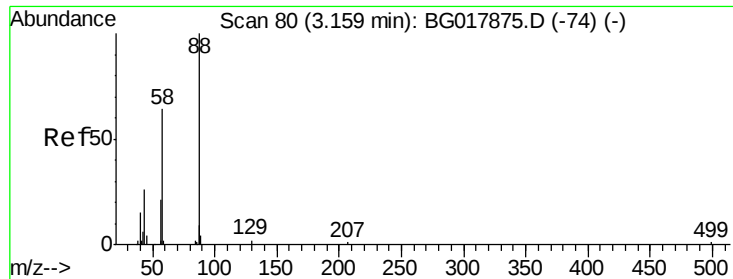
Instrument :
BNA_G
ClientSampleId :
MDL-04-S

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#2

1,4-Dioxane

Concen: 0.76 ng/uL m

RT: 3.15 min Scan# 79

Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Instrument :

BNA_G

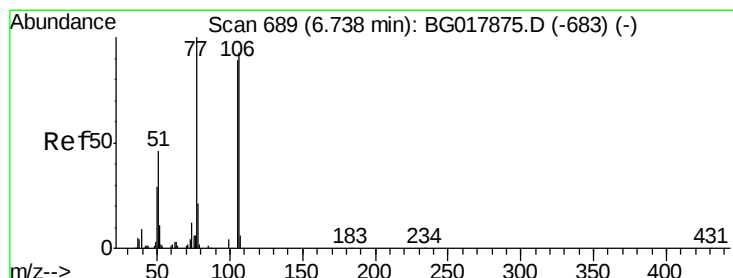
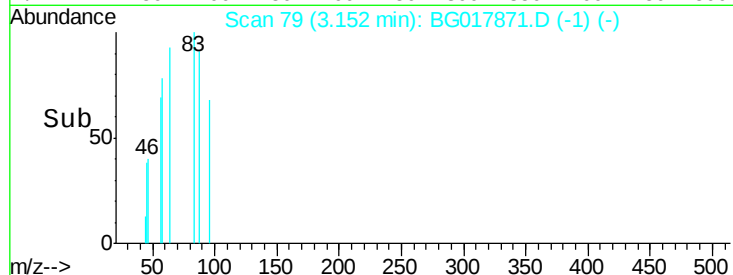
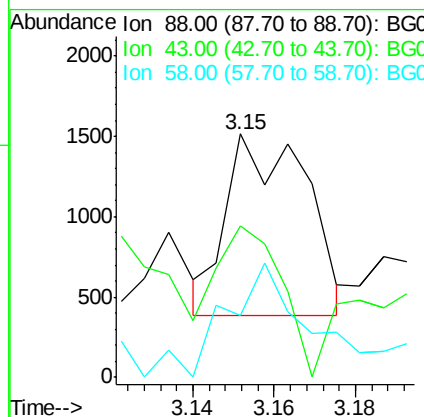
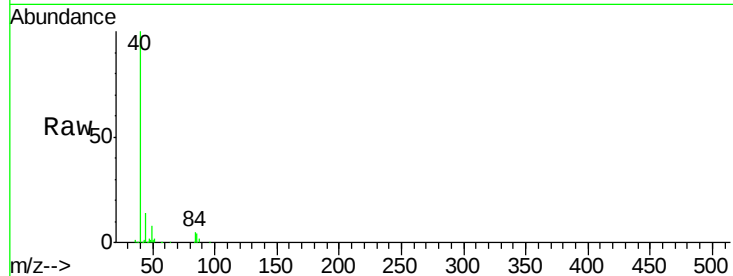
ClientSampleId :

MDL-04-S

Tgt Ion:	88	Resp:	1530
Ion Ratio	Lower	Upper	
88	100		
43	69.3	26.4	39.6#
58	61.4	61.5	92.3#

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#4

Benzaldehyde

Concen: 4.08 ng/uL

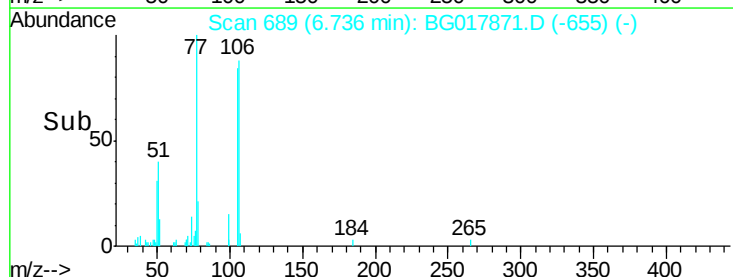
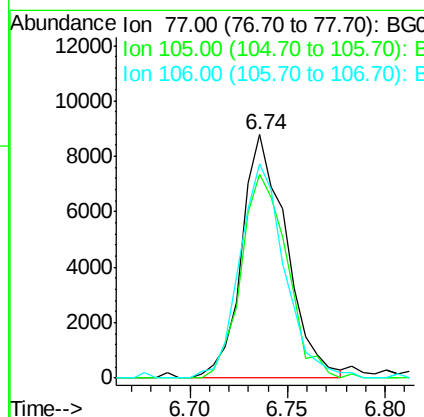
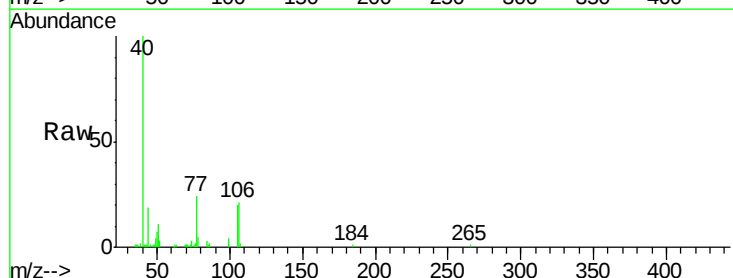
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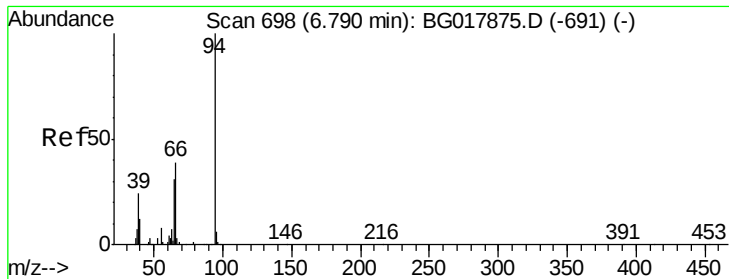
Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Tgt Ion:	77	Resp:	13956
Ion Ratio	Lower	Upper	
77	100		
105	84.0	69.1	103.7
106	88.0	69.3	103.9





#6

Phenol

Concen: 2.77 ng/ul

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG017871.D

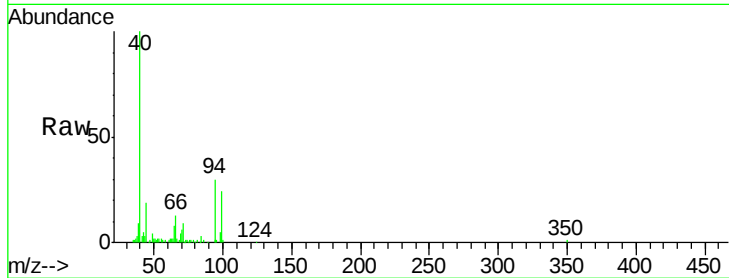
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Instrument :

BNA_G

ClientSampleId :

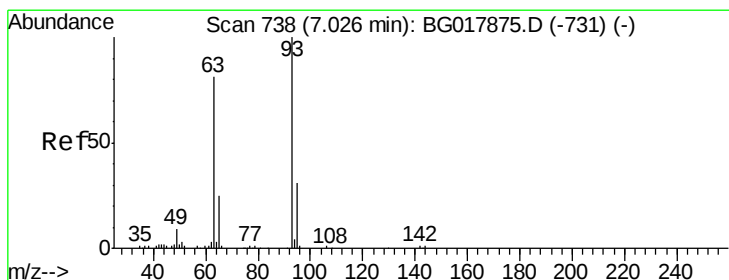
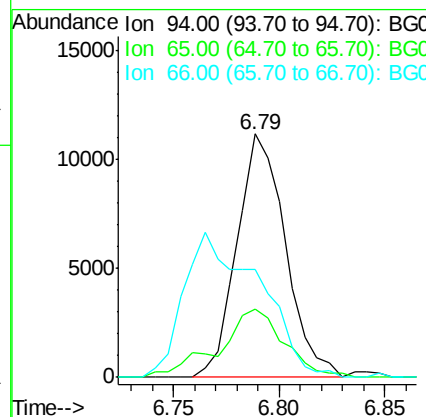
MDL-04-S



Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.0	25.0	37.4
66	43.0	31.7	47.5

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#8

Bis(2-Chloroethyl)ether

Concen: 3.14 ng/ul

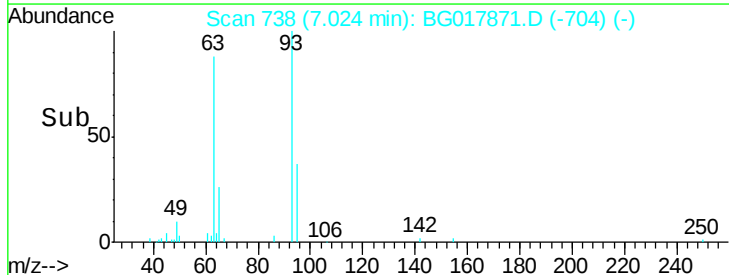
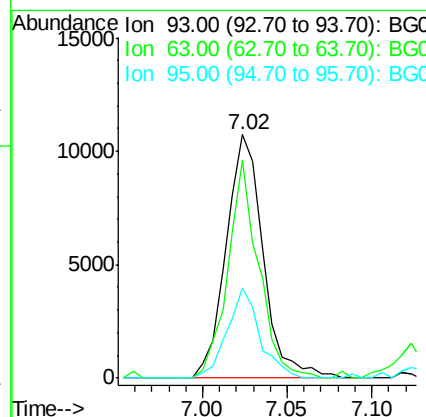
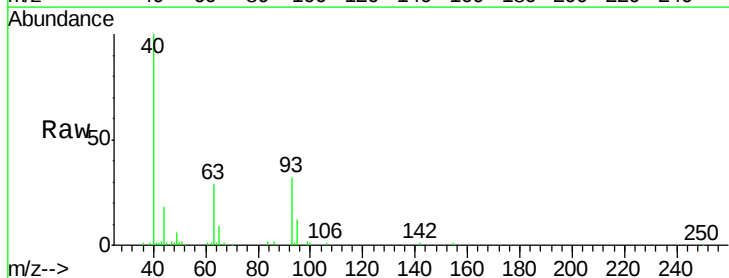
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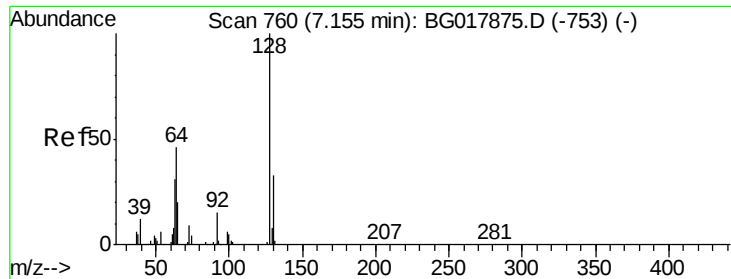
Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Lower	Upper
93	100		
63	89.6	59.8	89.8
95	37.0	23.4	35.2#





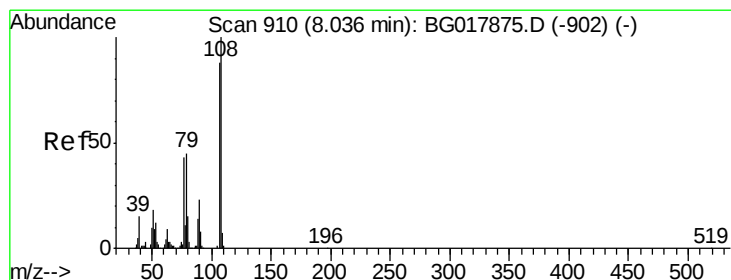
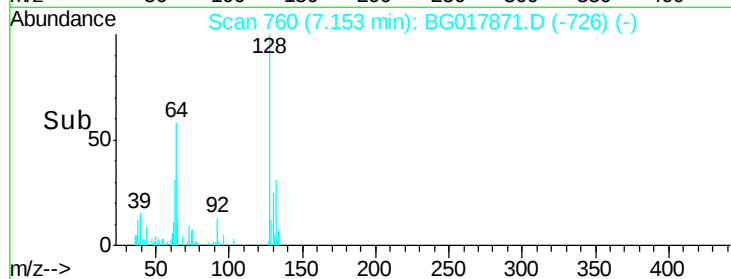
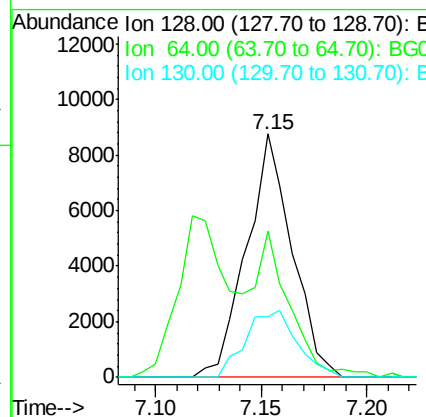
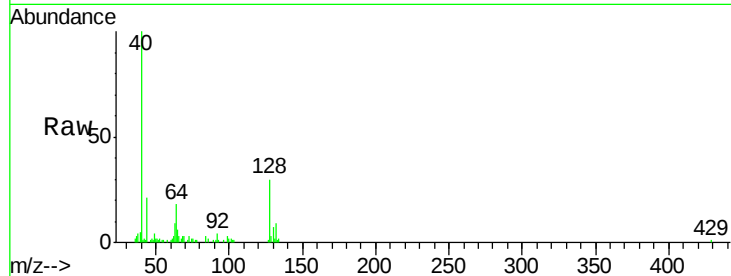
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 2-Chlorophenol
 Concen: 2.87 ng/ul
 RT: 7.15 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BG017871.D
 Acq: 14 Jul 2015 23:08

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-S

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	13119		
64	60.0	44.0	66.0	
130	25.0	25.9	38.9	

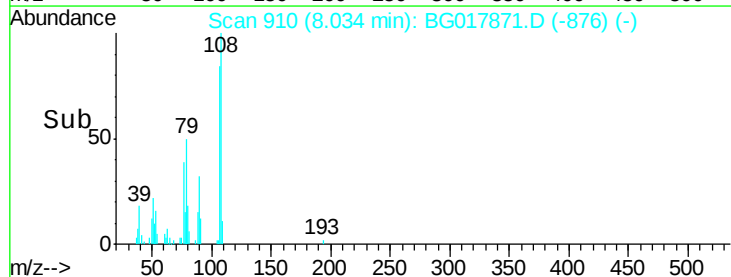
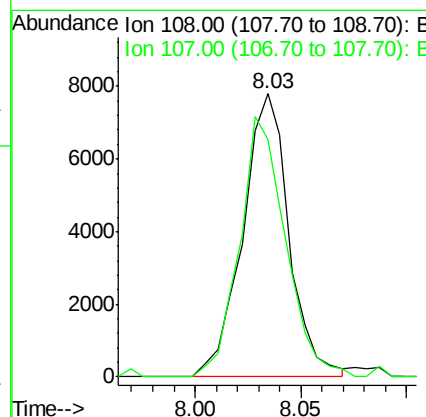
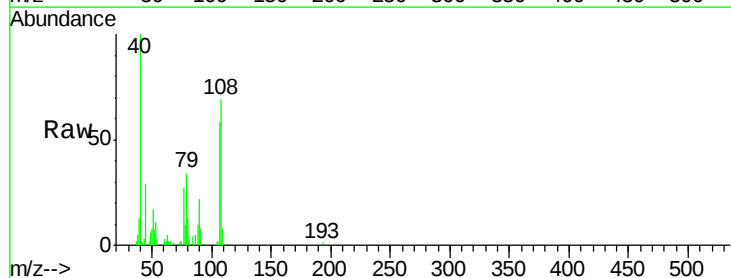
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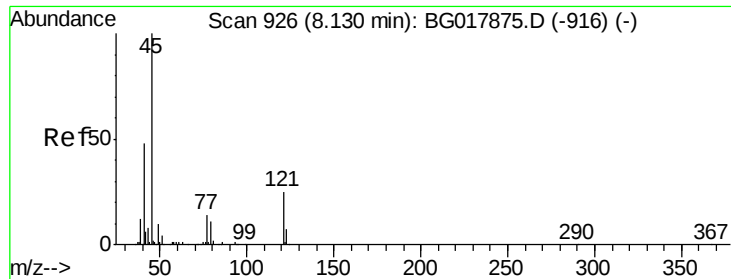
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#11
 2-Methylphenol
 Concen: 2.55 ng/ul
 RT: 8.03 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BG017871.D
 Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	11856		
107	84.1	72.1	108.1	





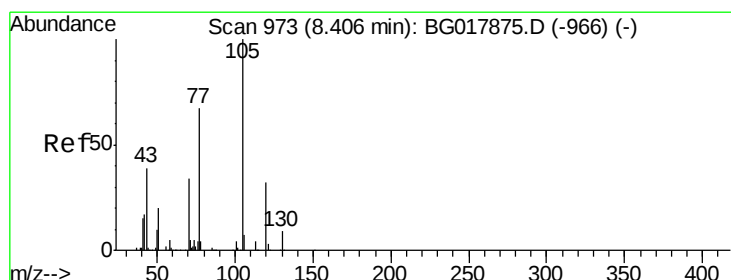
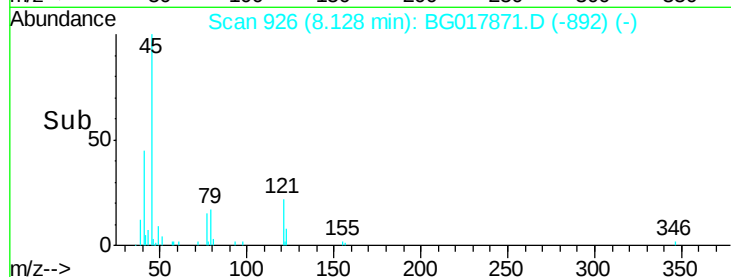
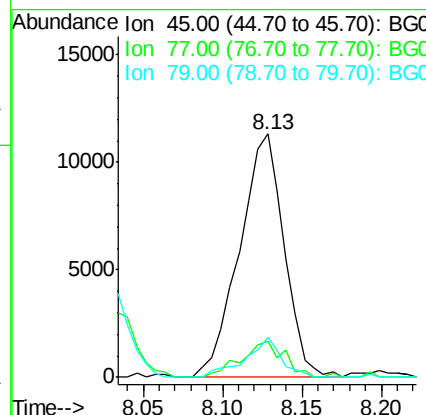
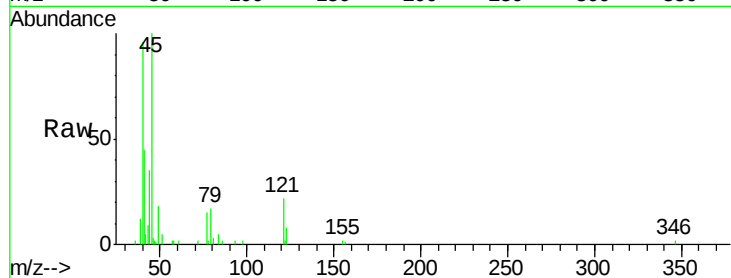
#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.91 ng/ul
RT: 8.13 min Scan# 926
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Instrument :
BNA_G
ClientSampled :
MDL-04-S

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	12.6	19.0
79	16.6	9.3	13.9

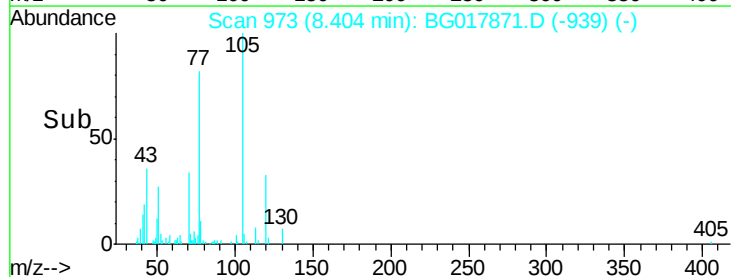
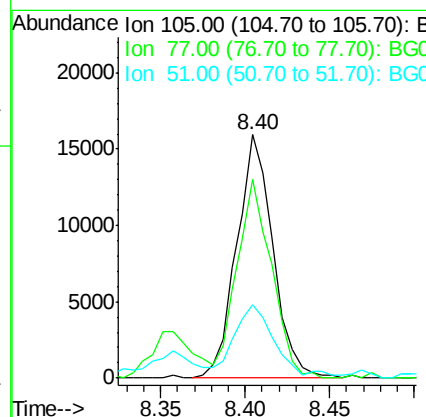
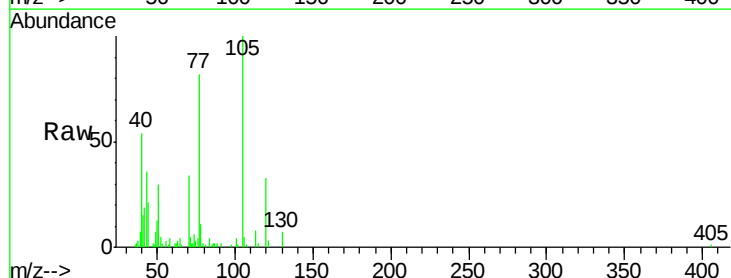
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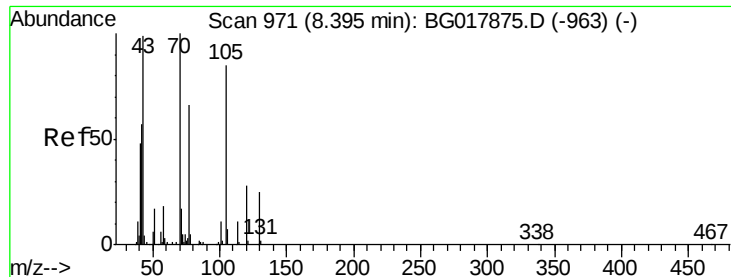
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#14
Acetophenone
Concen: 3.20 ng/ul
RT: 8.40 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Lower	Upper
105	100		
77	81.6	71.9	107.9
51	30.3	25.0	37.6





#15

N-Nitroso-di-n-propylamine

Concen: 2.91 ng/ul

RT: 8.39 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Instrument :

BNA_G

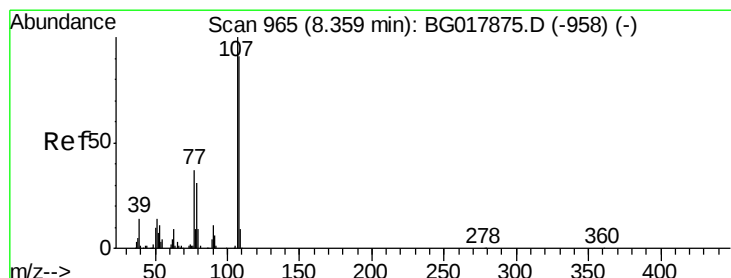
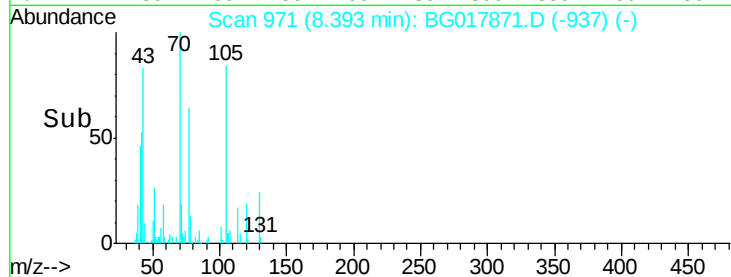
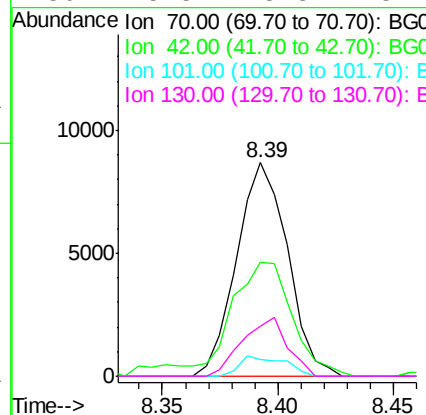
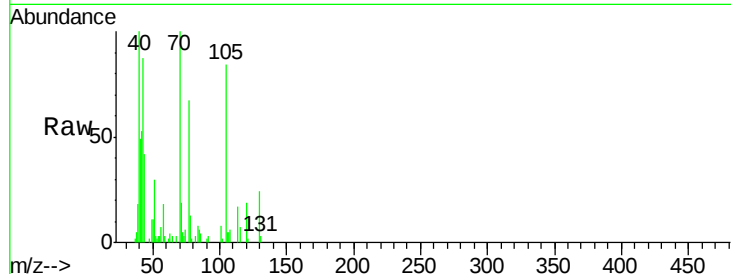
ClientSampleId :

MDL-04-S

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.3	51.1	76.7
101	7.8	9.8	14.8
130	23.5	18.8	28.2

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#16

4-Methylphenol

Concen: 2.73 ng/ul m

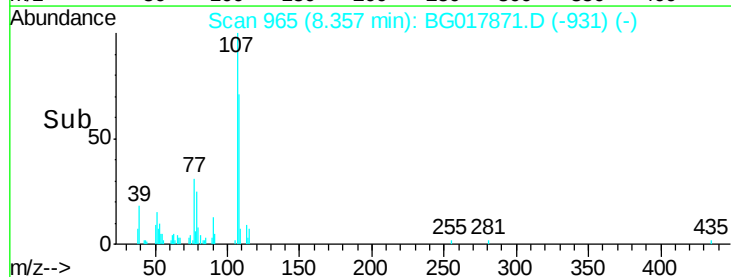
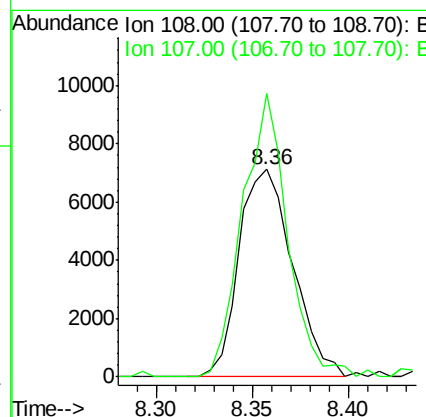
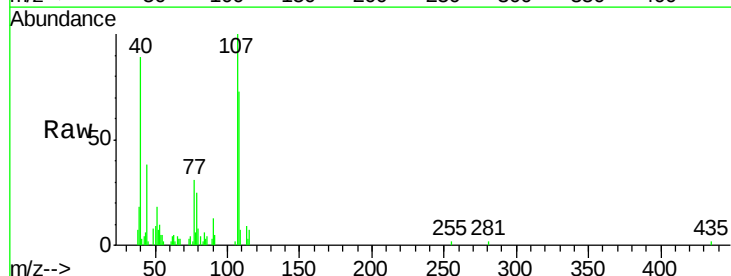
RT: 8.36 min Scan# 965

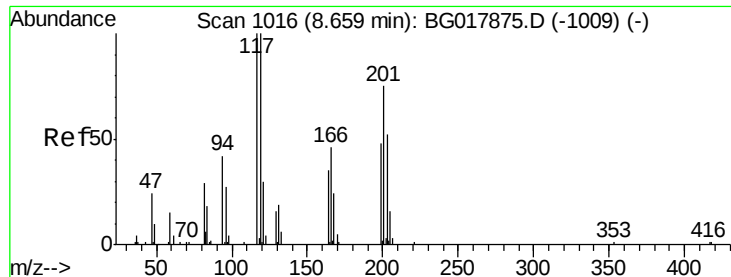
Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Lower	Upper
108	100		
107	136.6	85.8	128.6





#17

Hexachloroethane

Concen: 2.84 ng/ul

RT: 8.66 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG017871.D

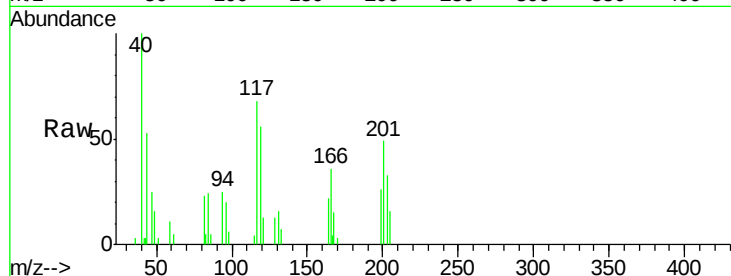
Acq: 14 Jul 2015 23:08

Instrument :

BNA_G

ClientSampled :

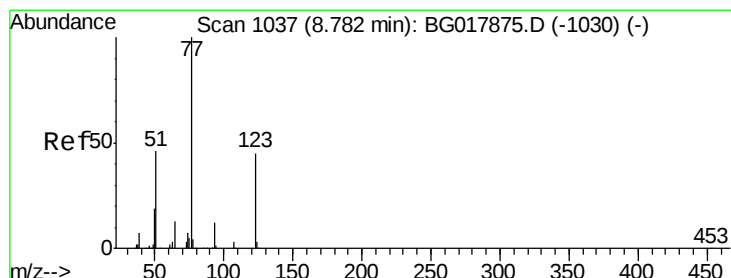
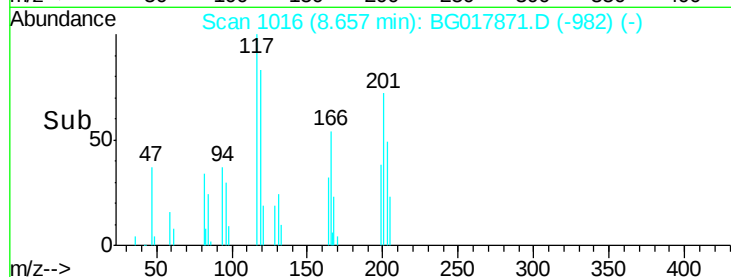
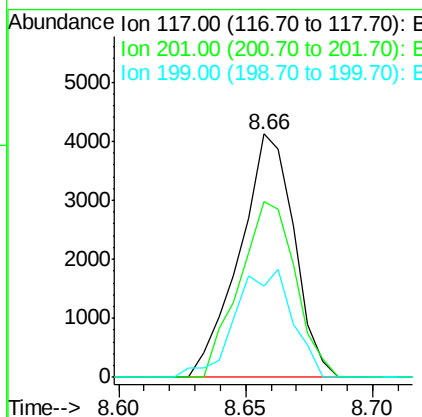
MDL-04-S



Tgt Ion:	117	Resp:	6199
Ion Ratio	Lower	Upper	
117	100		
201	72.0	57.8	86.8
199	37.7	37.2	55.8

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#20

Nitrobenzene

Concen: 2.90 ng/ul

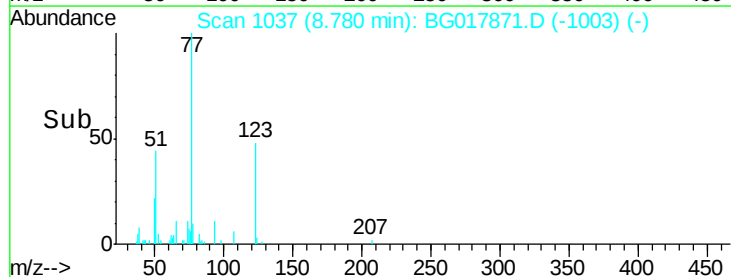
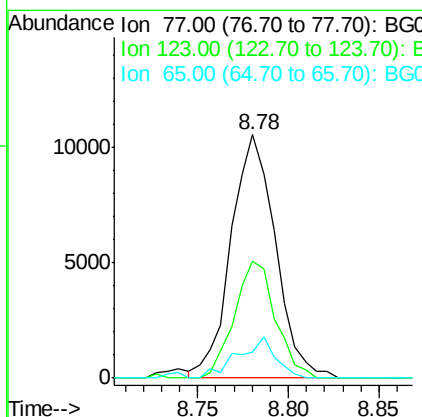
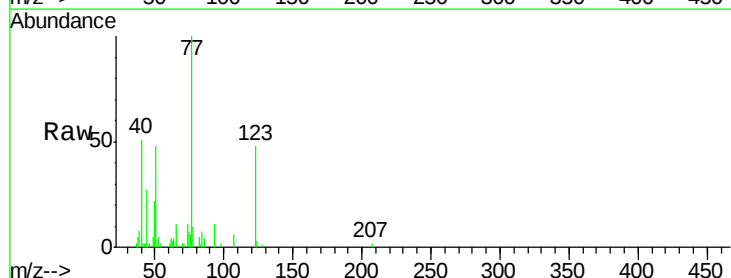
RT: 8.78 min Scan# 1037

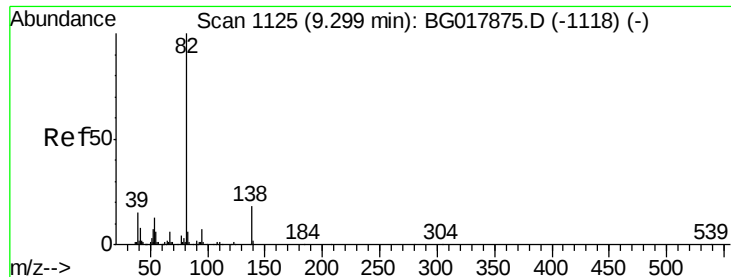
Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Tgt Ion:	77	Resp:	18034
Ion Ratio	Lower	Upper	
77	100		
123	48.2	32.0	48.0#
65	10.8	11.3	16.9#





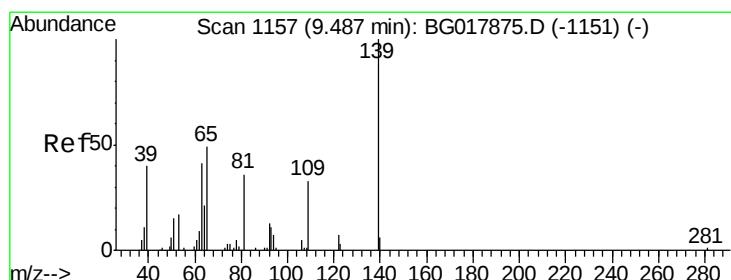
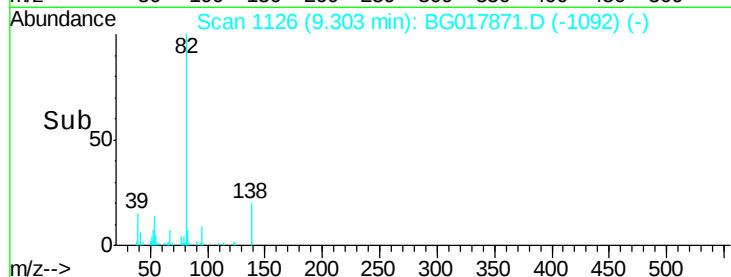
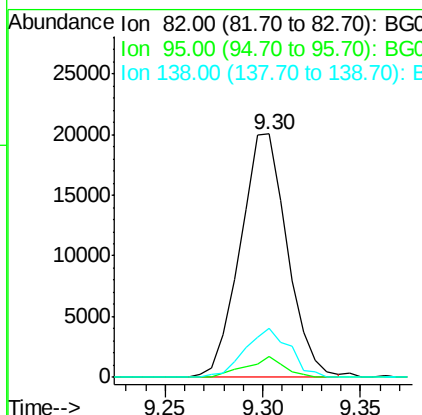
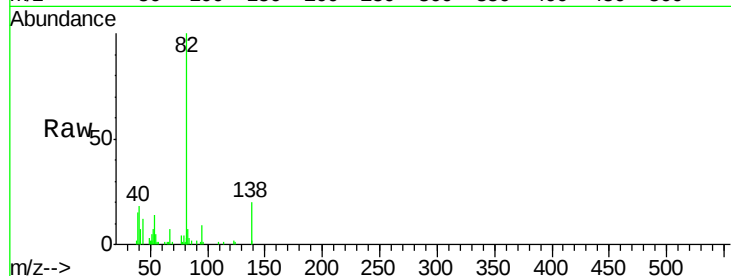
#21
Isophorone
Concen: 2.87 ng/ul
RT: 9.30 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Instrument :
BNA_G
ClientSampleId :
MDL-04-S

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.6	5.9	8.9
138	20.1	14.7	22.1

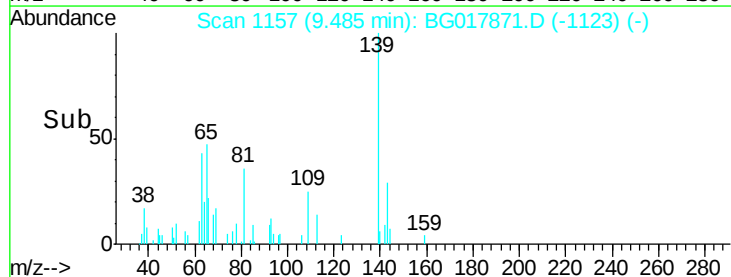
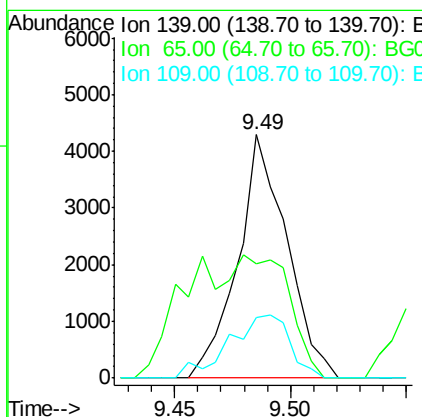
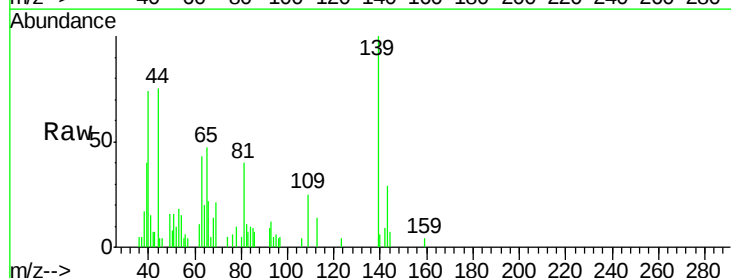
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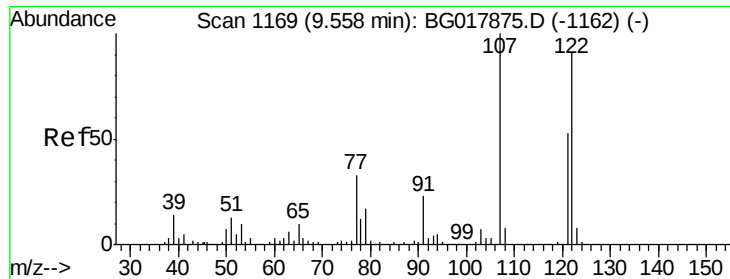
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#23
2-Nitrophenol
Concen: 3.02 ng/ul
RT: 9.49 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Lower	Upper
139	100		
65	46.7	46.1	69.1
109	24.7	24.1	36.1





#24

2,4-Dimethylphenol

Concen: 2.72 ng/ul

RT: 9.56 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Instrument :

BNA_G

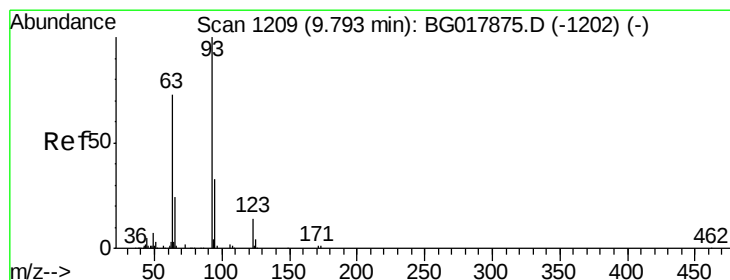
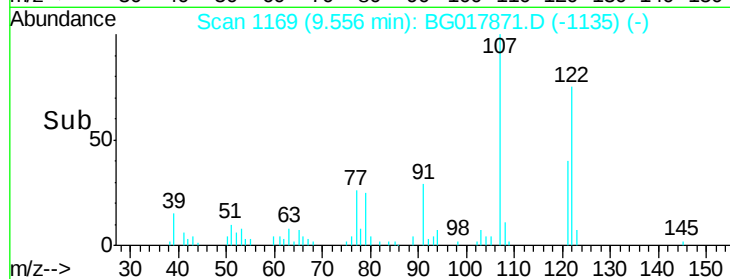
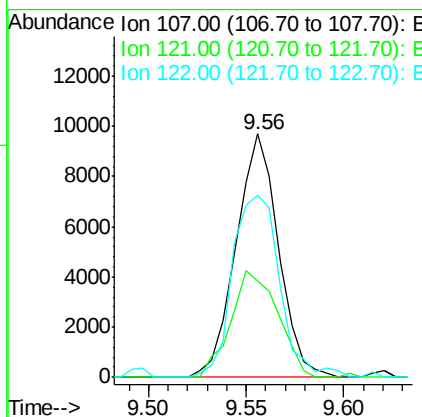
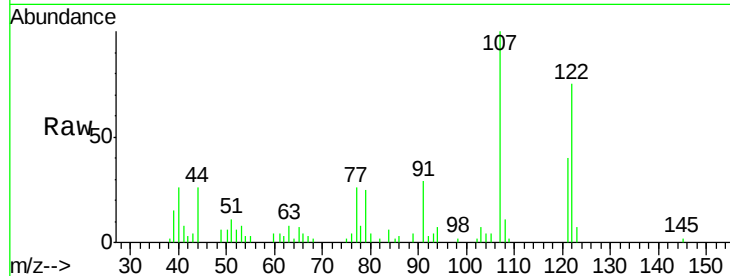
ClientSampleId :

MDL-04-S

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	14612		
121	39.8	38.3	57.5	
122	74.7	66.6	100.0	

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#25

Bis(2-Chloroethoxy)methane

Concen: 2.81 ng/ul

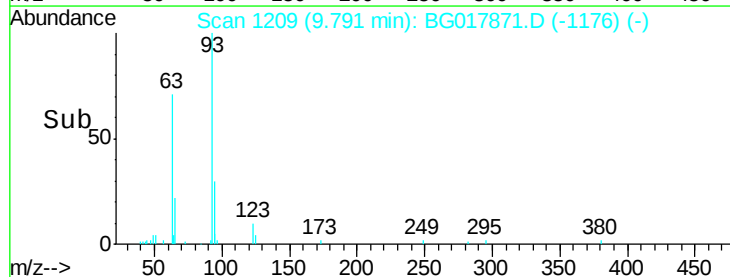
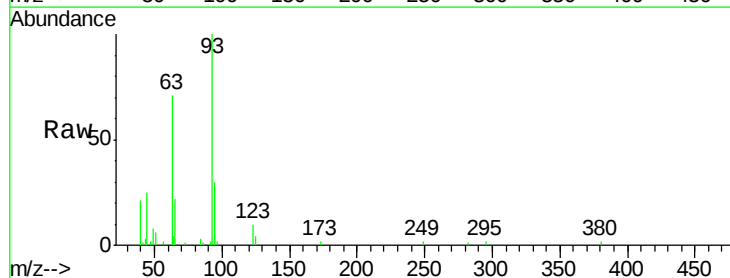
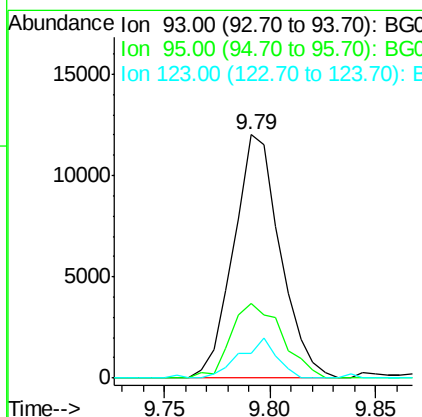
RT: 9.79 min Scan# 1209

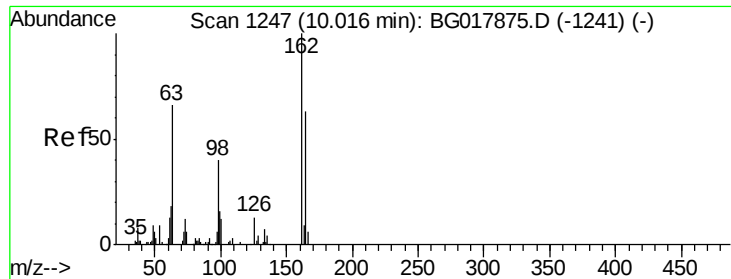
Delta R.T. -0.01 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	18390		
95	30.5	26.0	39.0	
123	9.9	12.0	18.0	





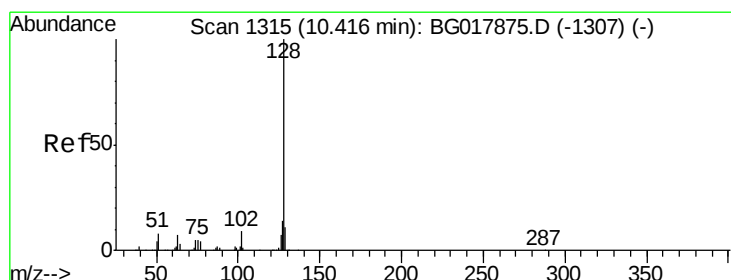
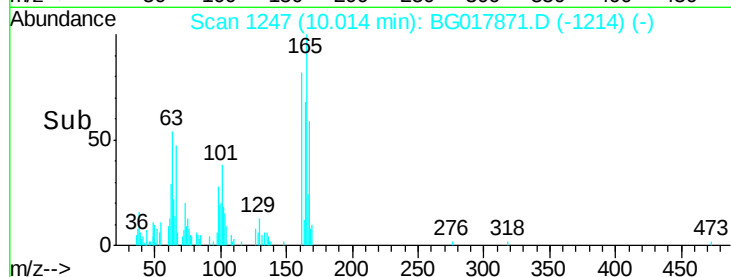
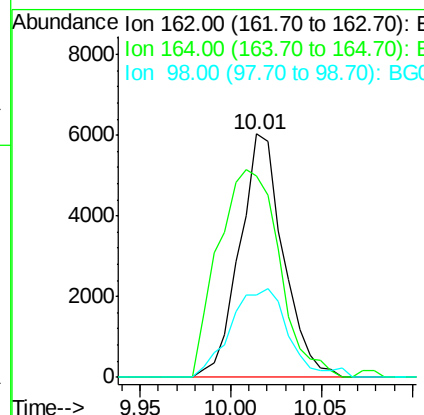
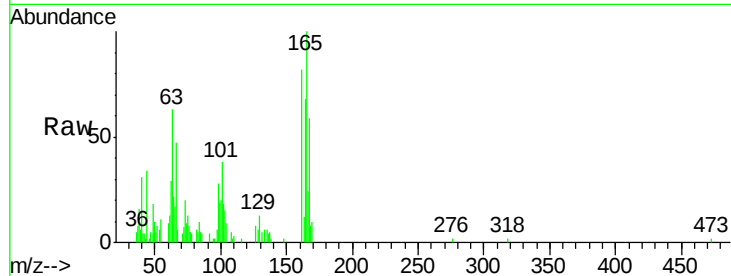
#27
 2,4-Dichlorophenol
 Concen: 2.75 ng/ul
 RT: 10.01 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BG017871.D
 Acq: 14 Jul 2015 23:08

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-S

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	10075		
164	82.9	51.0	76.6#	
98	33.9	32.7	49.1	

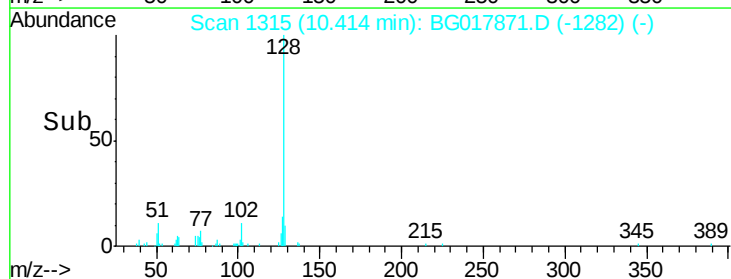
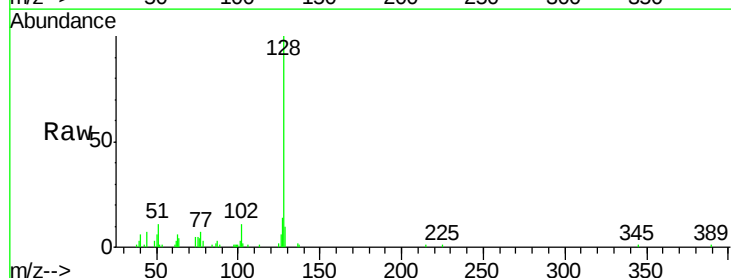
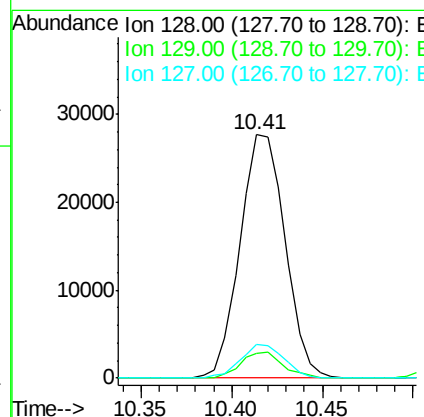
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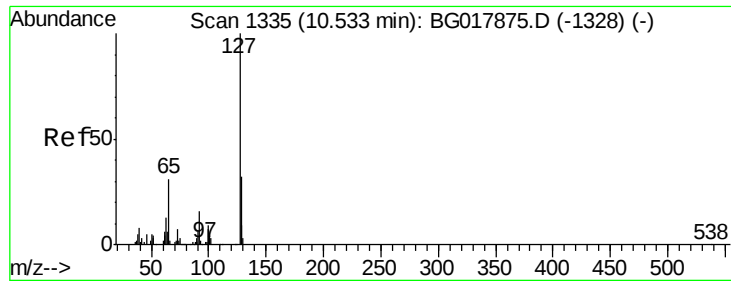
apatel
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#28
 Naphthalene
 Concen: 3.06 ng/ul
 RT: 10.41 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BG017871.D
 Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	47863		
129	10.3	9.1	13.7	
127	13.9	11.0	16.6	





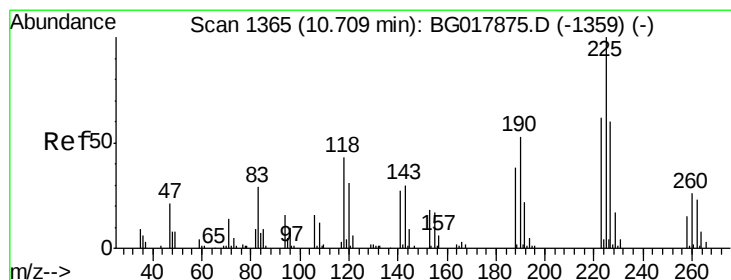
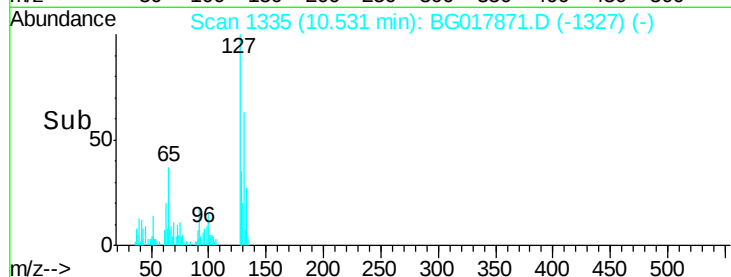
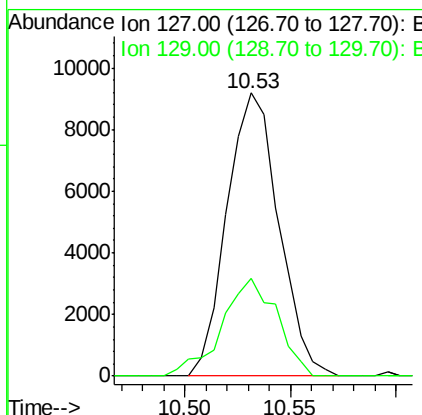
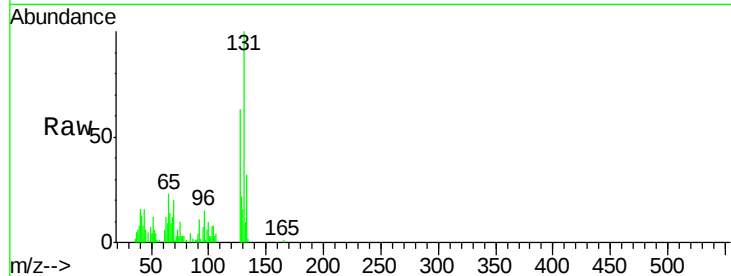
#30
4-Chloroaniline
Concen: 2.88 ng/ul
RT: 10.53 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Instrument :
BNA_G
ClientSampled :
MDL-04-S

Tgt Ion:127 Resp: 15632
Ion Ratio Lower Upper
127 100
129 34.8 26.0 39.0

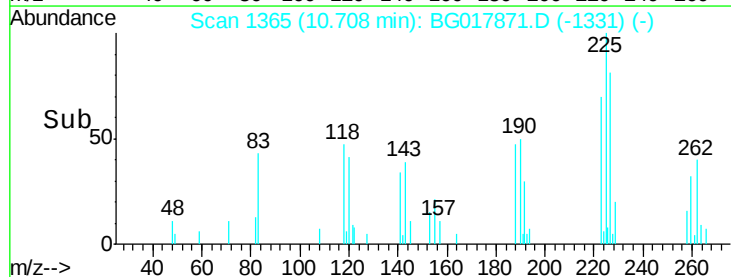
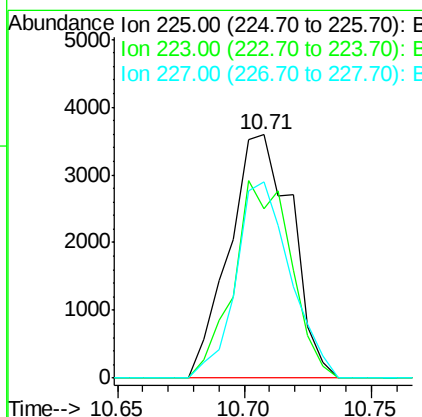
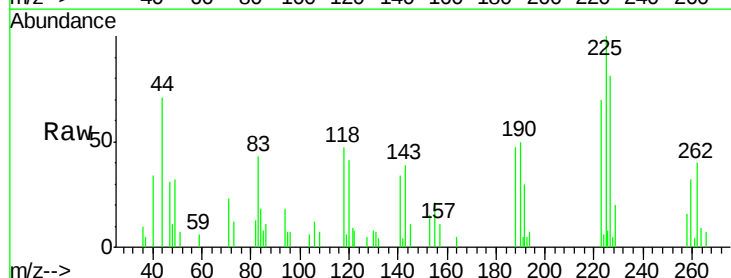
Manual Integrations
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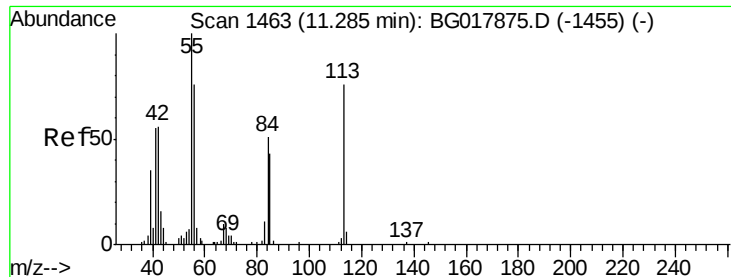
apatel
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#31
Hexachlorobutadiene
Concen: 2.68 ng/ul
RT: 10.71 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Tgt Ion:225 Resp: 6191
Ion Ratio Lower Upper
225 100
223 70.2 48.6 73.0
227 74.8 46.1 69.1#





#32

Caprolactam

Concen: 1.67 ng/ul m

RT: 11.31 min Scan# 1467

Delta R.T. 0.02 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Instrument :

BNA_G

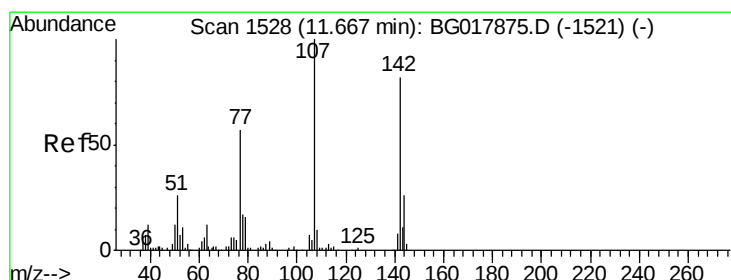
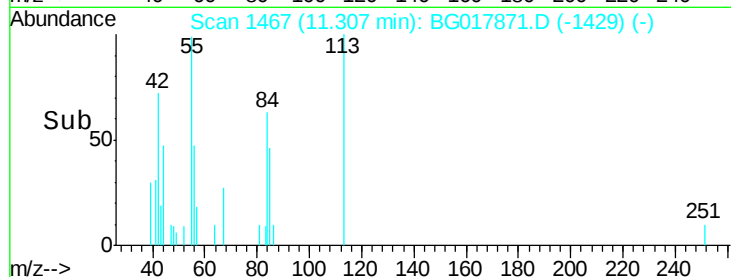
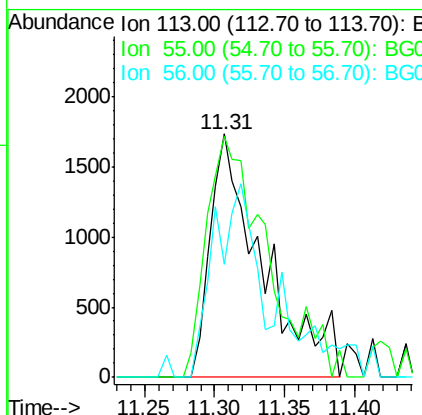
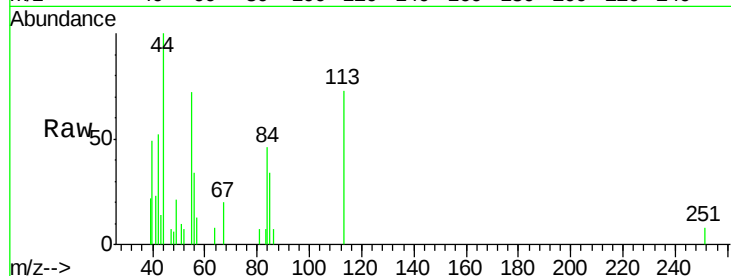
ClientSampleId :

MDL-04-S

Tgt Ion	Ratio	Lower	Upper
113	100		
55	99.0	118.2	177.2#
56	46.7	89.8	134.6#

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#33

4-Chloro-3-methylphenol

Concen: 2.28 ng/ul

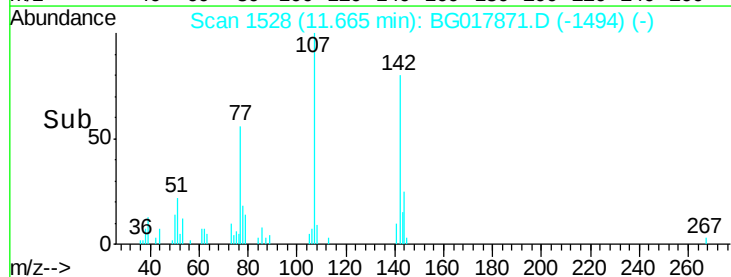
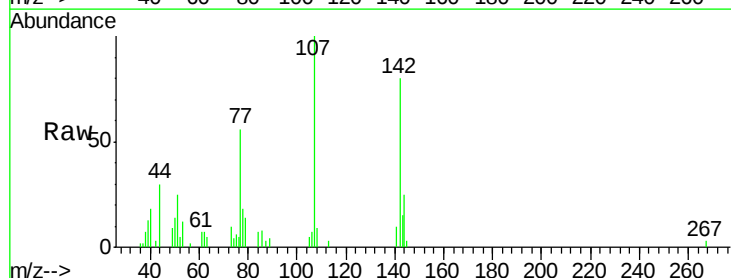
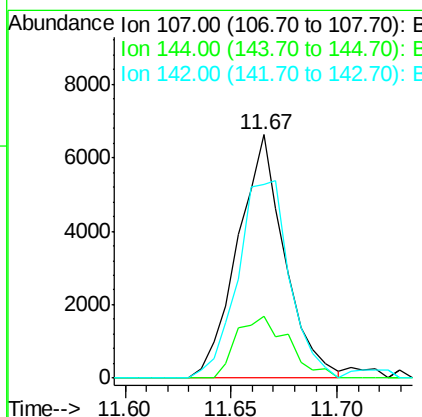
RT: 11.67 min Scan# 1528

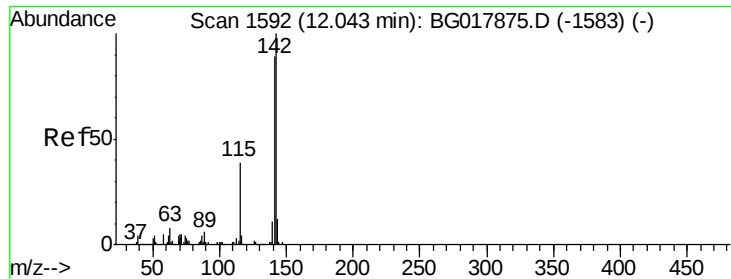
Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	16.6	24.8#
142	79.7	59.8	89.6





#34

2-Methylnaphthalene

Concen: 2.94 ng/ul

RT: 12.04 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Instrument :

BNA_G

ClientSampleId :

MDL-04-S

Tgt Ion:142 Resp: 31189

Ion Ratio Lower Upper

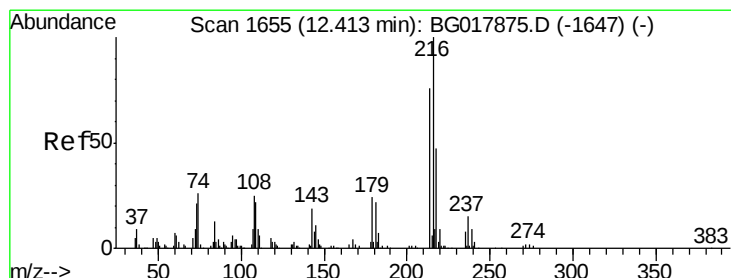
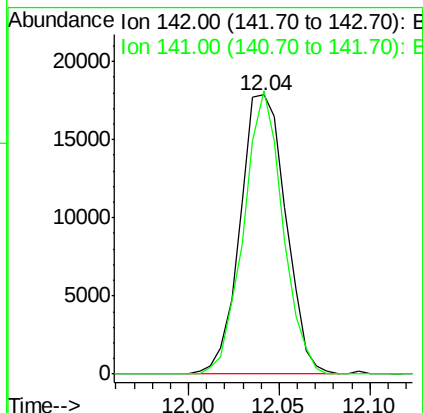
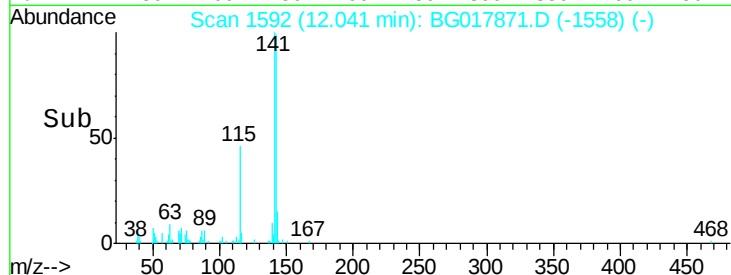
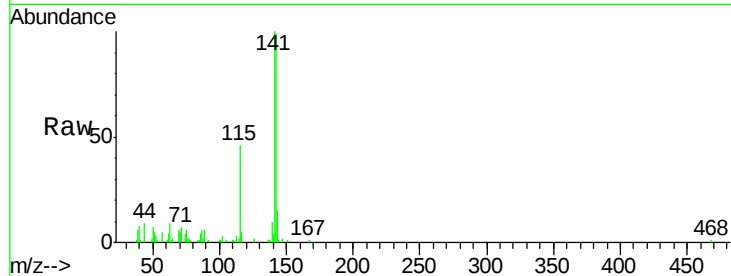
142 100

141 101.3 72.6 108.8

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#36

1,2,4,5-Tetrachlorobenzene

Concen: 2.82 ng/ul

RT: 12.42 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Tgt Ion:216 Resp: 13002

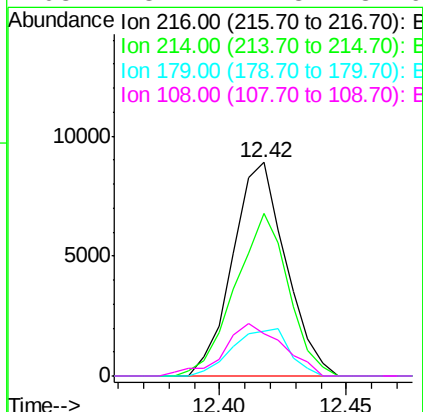
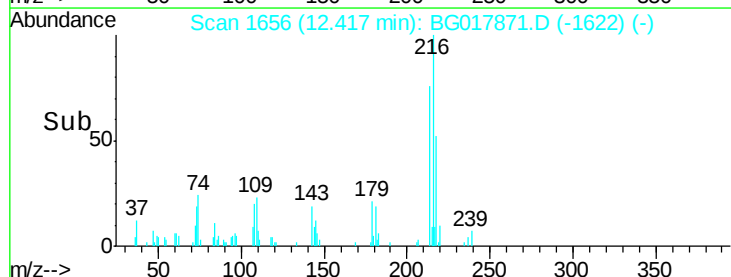
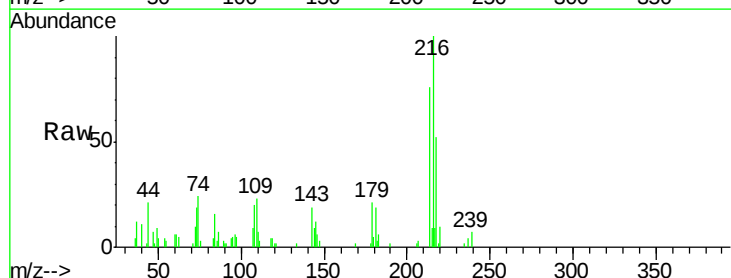
Ion Ratio Lower Upper

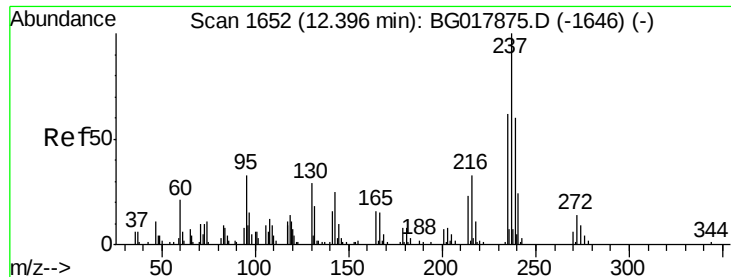
216 100

214 69.6 68.2 102.2

179 19.2 17.2 25.8

108 18.4 21.8 32.6#





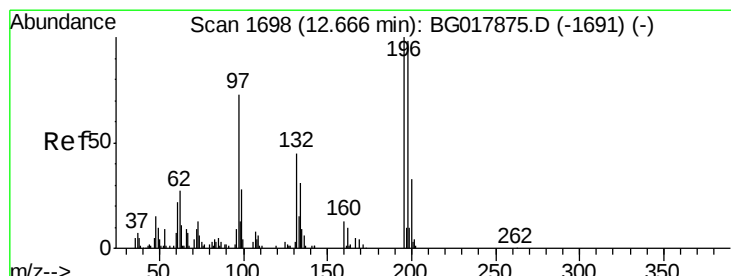
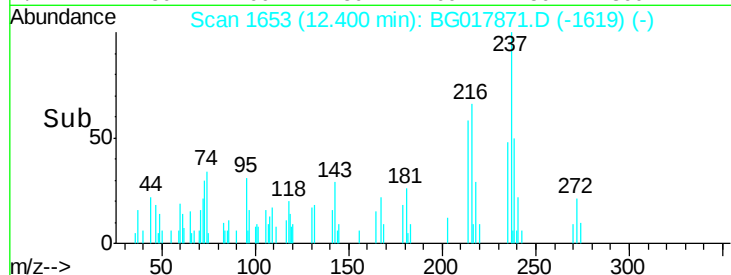
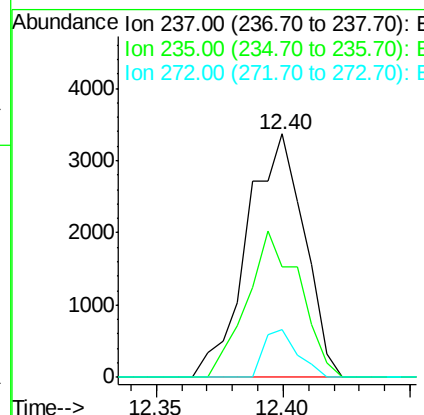
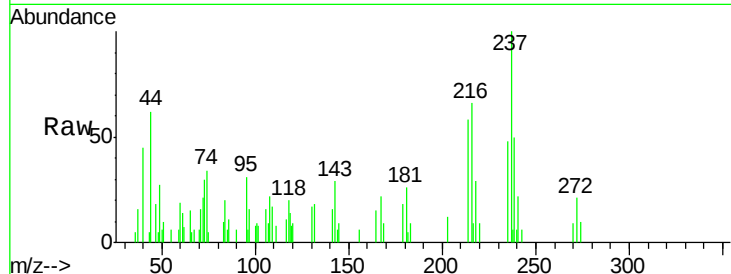
#37
Hexachlorocyclopentadiene
Concen: 2.21 ng/ul
RT: 12.40 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Instrument :
BNA_G
ClientSampleId :
MDL-04-S

Tgt Ion	Ratio	Lower	Upper
237	100		
235	45.4	52.4	78.6#
272	19.4	9.1	13.7#

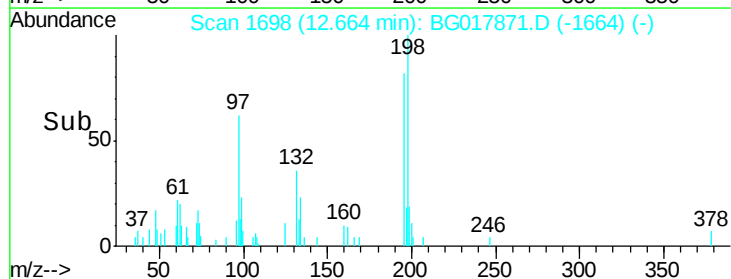
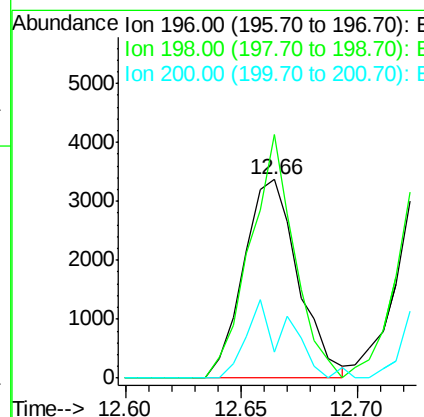
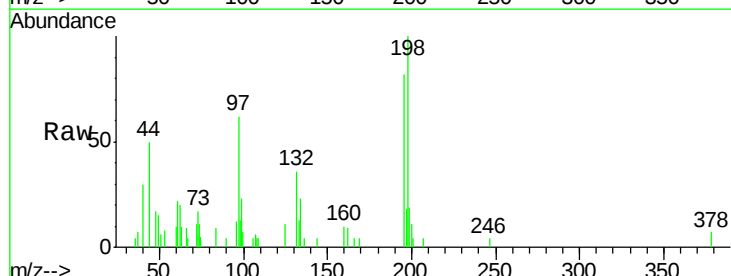
Manual Integrations
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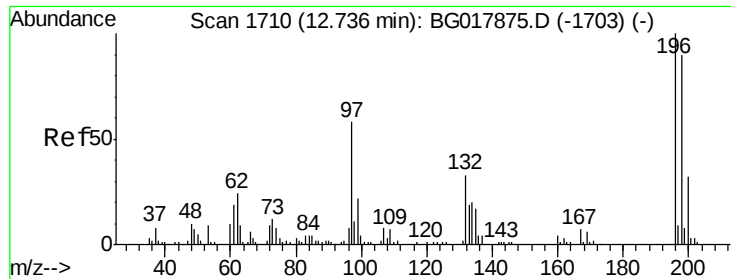
apatel
7/16/2015 8:18:32 AM



#38
2,4,6-Trichlorophenol
Concen: 2.21 ng/ul m
RT: 12.66 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	122.6	69.0	103.4#
200	13.0	22.2	33.4#





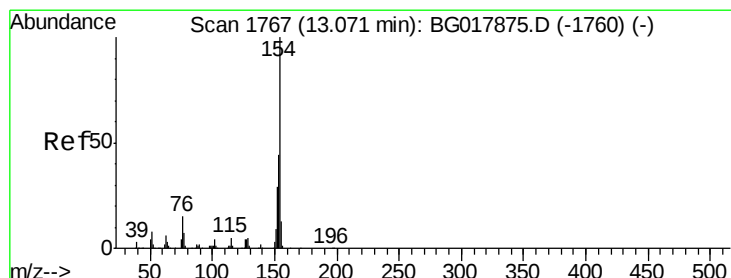
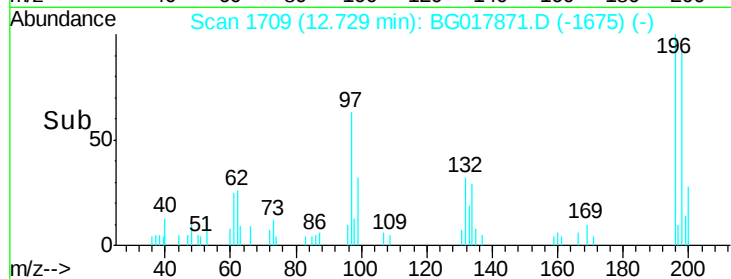
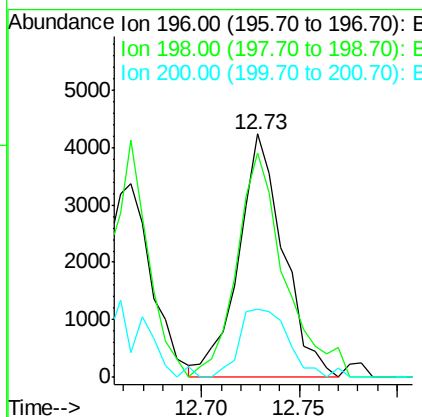
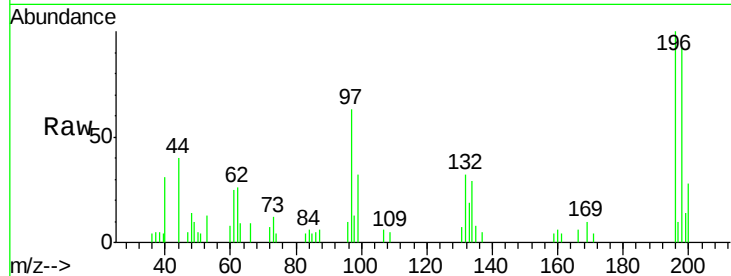
#39
 2,4,5-Trichlorophenol
 Concen: 2.47 ng/ul
 RT: 12.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG017871.D
 Acq: 14 Jul 2015 23:08

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-S

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.1	76.3	114.5
200	28.1	25.4	38.0

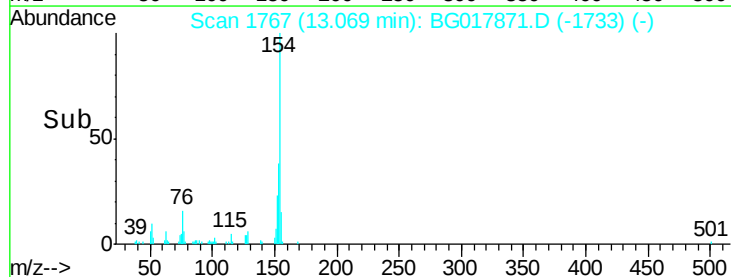
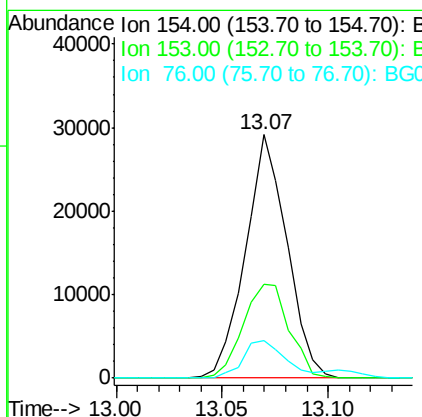
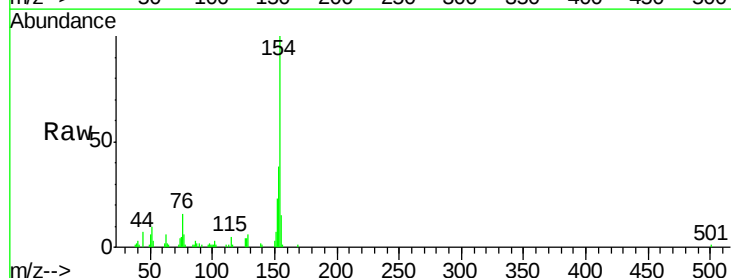
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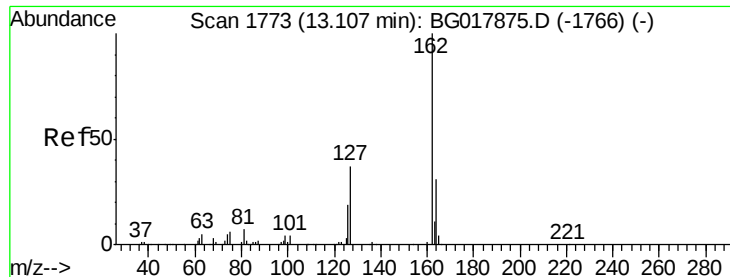
apatel
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#40
 1,1'-Biphenyl
 Concen: 2.93 ng/ul
 RT: 13.07 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG017871.D
 Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.5	35.0	52.6
76	15.6	14.0	21.0





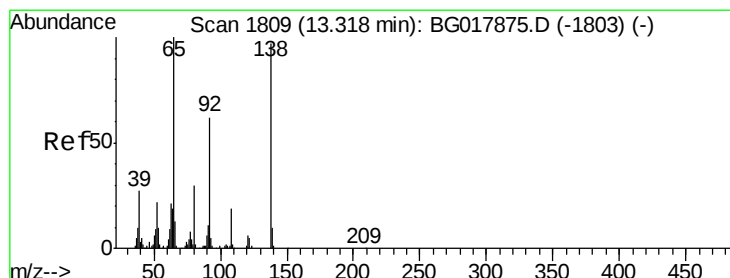
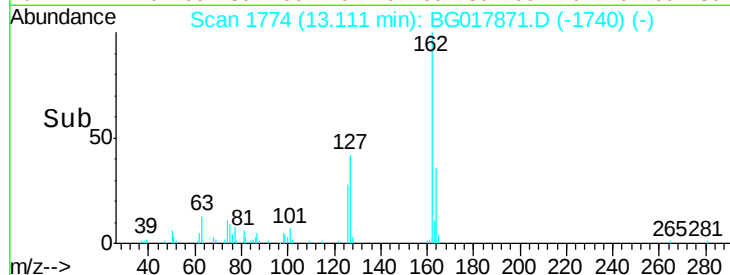
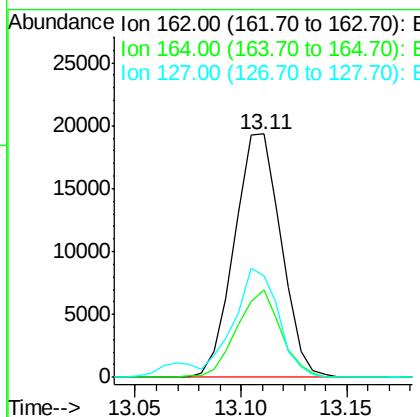
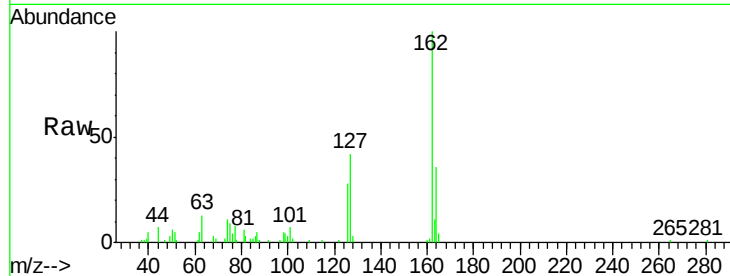
#41
2-Chloronaphthalene
Concen: 2.85 ng/ul
RT: 13.11 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Instrument :
BNA_G
ClientSampleId :
MDL-04-S

Tgt Ion	Ratio	Lower	Upper
162	100		
164	36.1	22.9	34.3#
127	41.8	32.7	49.1

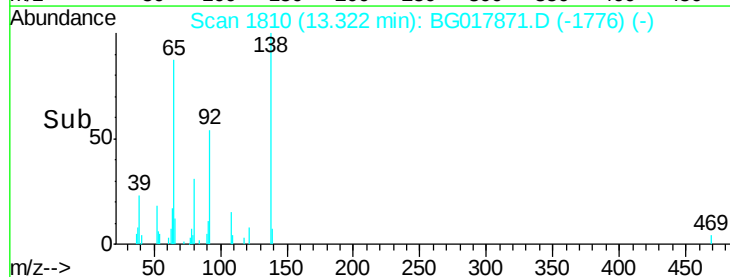
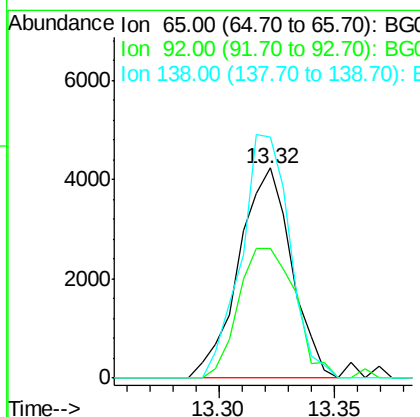
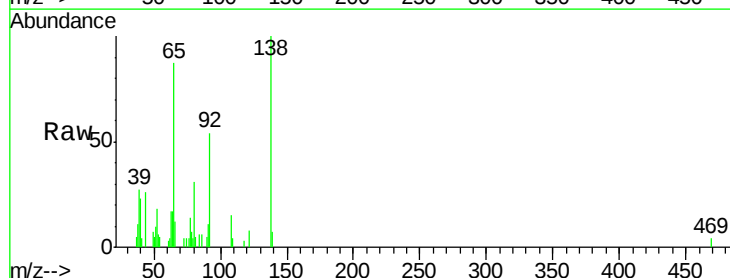
Manual Integrations
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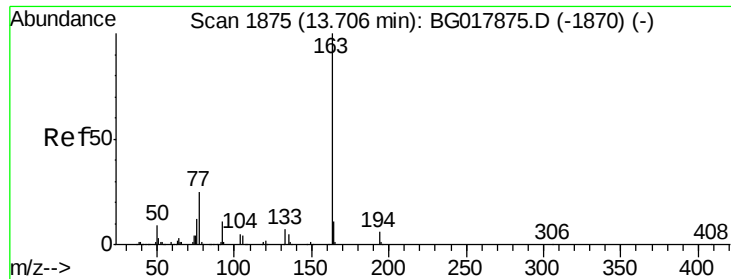
apatel
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#42
2-Nitroaniline
Concen: 2.20 ng/ul
RT: 13.32 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.9	53.7	80.5
138	114.7	81.8	122.8





#44

Dimethylphthalate

Concen: 2.99 ng/ul

RT: 13.70 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG017871.D

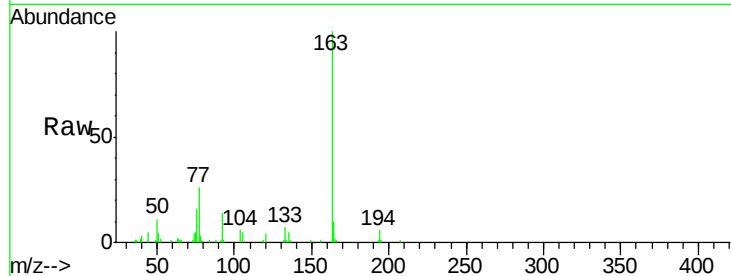
Acq: 14 Jul 2015 23:08

Instrument :

BNA_G

ClientSampleId :

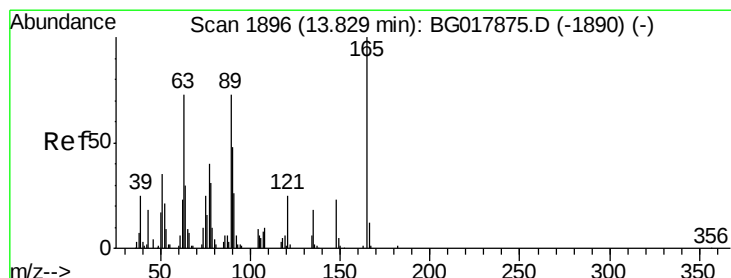
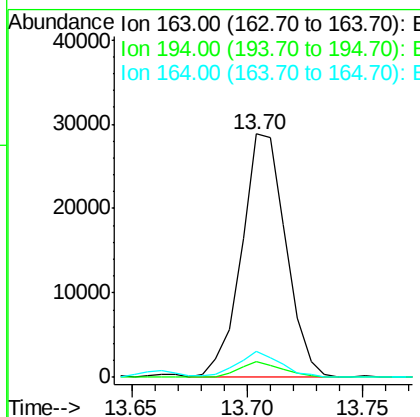
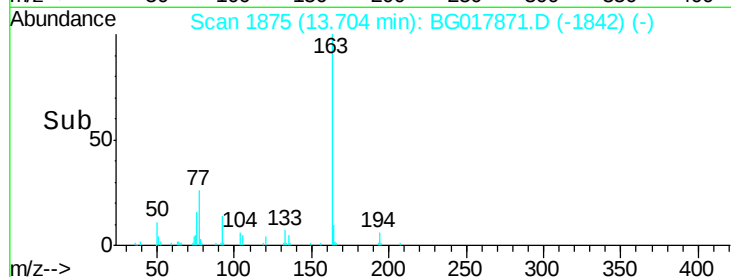
MDL-04-S



Tgt Ion:	163	Resp:	38424
Ion Ratio	Lower	Upper	
163	100		
194	6.3	5.4	8.0
164	10.4	8.0	12.0

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#45

2,6-Dinitrotoluene

Concen: 2.15 ng/ul

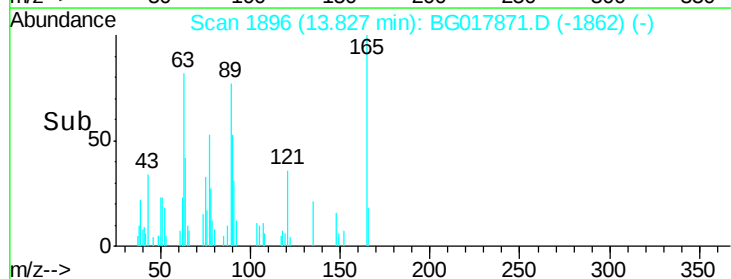
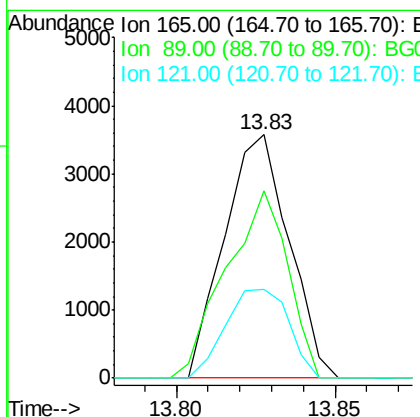
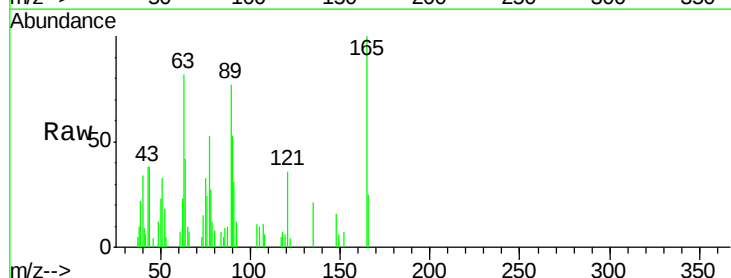
RT: 13.83 min Scan# 1896

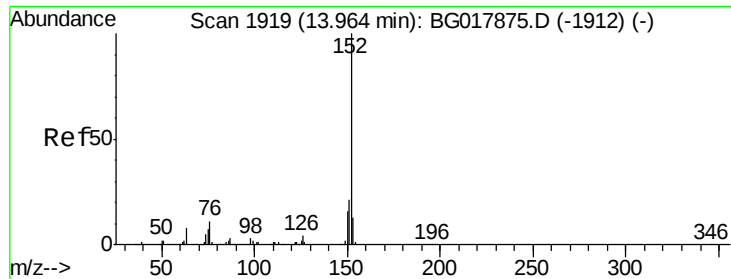
Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Tgt Ion:	165	Resp:	5037
Ion Ratio	Lower	Upper	
165	100		
89	76.9	55.4	83.2
121	36.5	20.6	30.8#





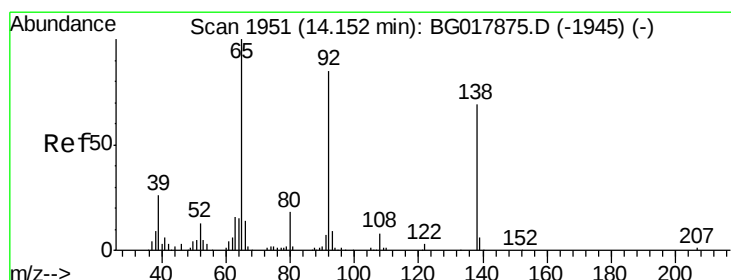
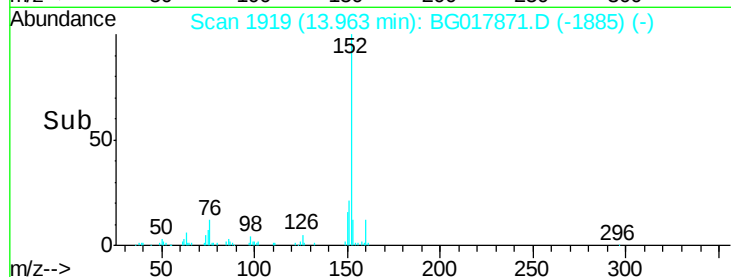
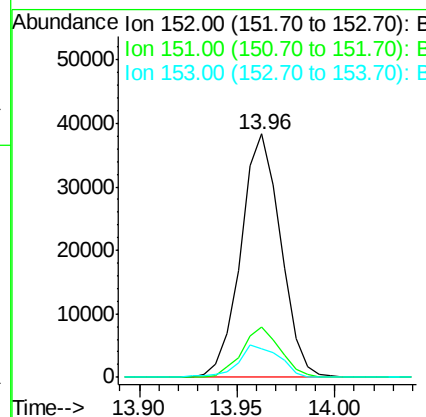
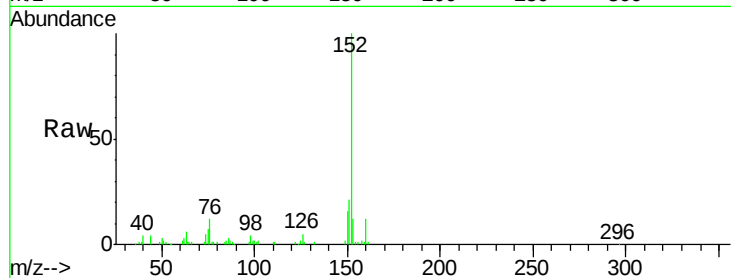
#47
Acenaphthylene
Concen: 3.09 ng/ul
RT: 13.96 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Instrument :
BNA_G
ClientSampleId :
MDL-04-S

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	11.6	10.7	16.1

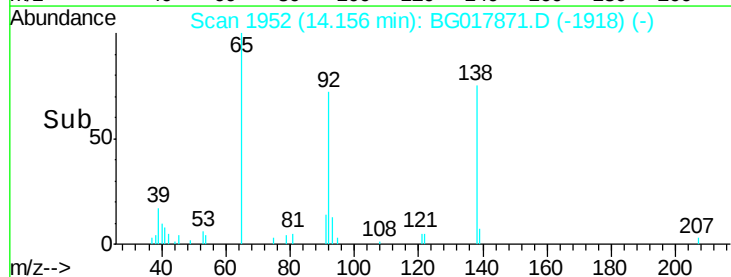
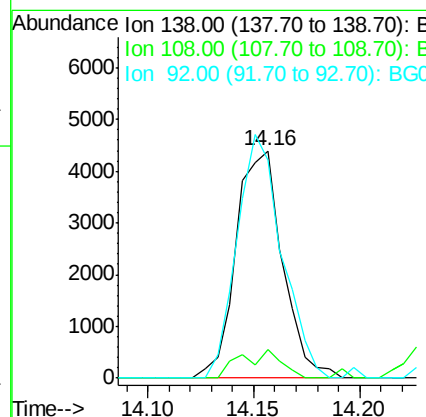
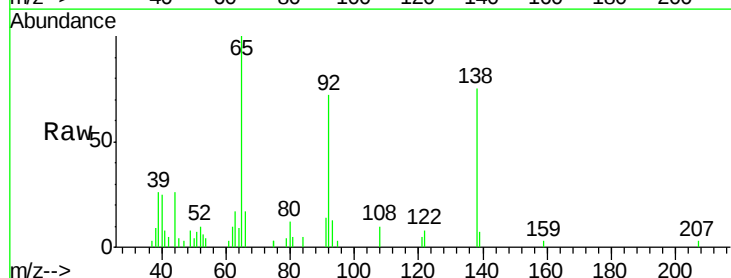
Manual Integrations
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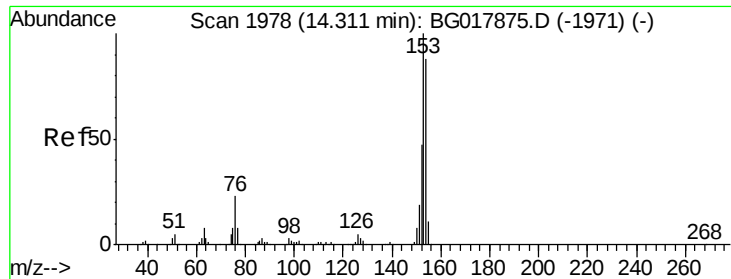
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#48
3-Nitroaniline
Concen: 2.51 ng/ul
RT: 14.16 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.9	8.7	13.1
92	95.9	84.3	126.5





#49

Acenaphthene

Concen: 2.93 ng/ul

RT: 14.31 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Instrument :

BNA_G

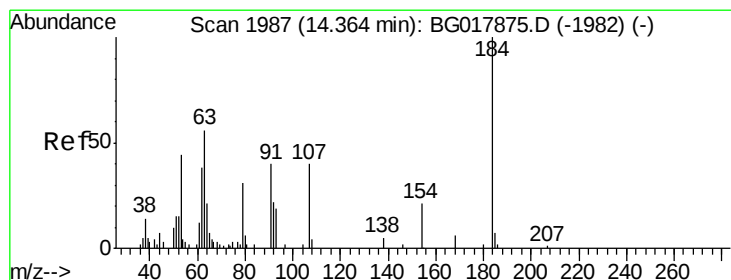
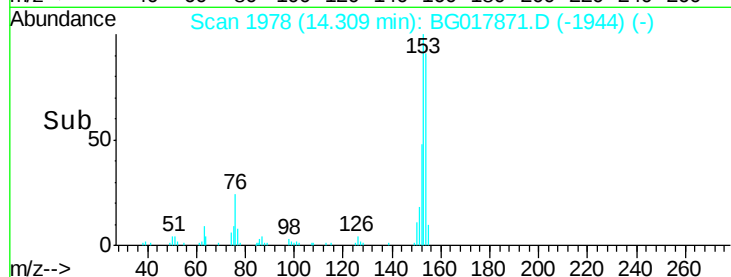
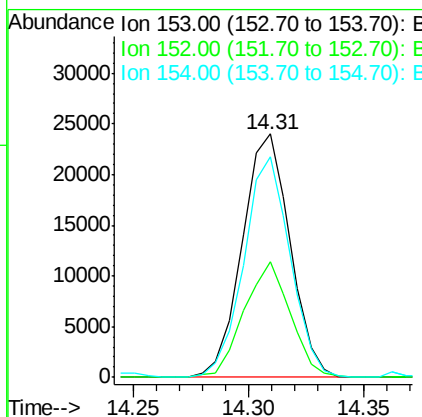
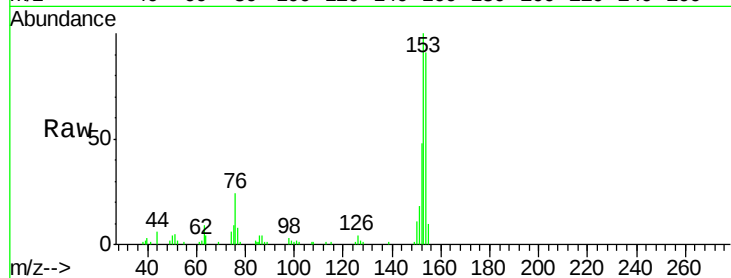
ClientSampleId :

MDL-04-S

Tgt Ion:	153	Resp:	34598
Ion Ratio	Lower	Upper	
153	100		
152	47.6	37.8	56.6
154	90.5	71.0	106.4

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#50

2,4-Dinitrophenol

Concen: 0.80 ng/ul

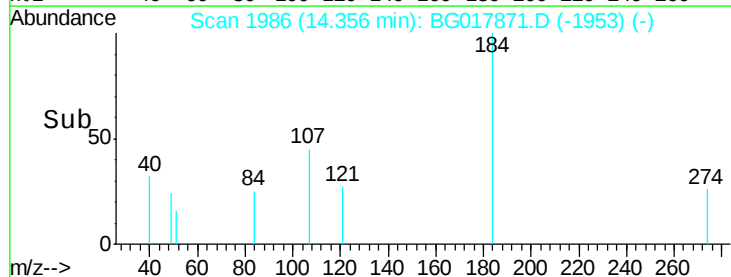
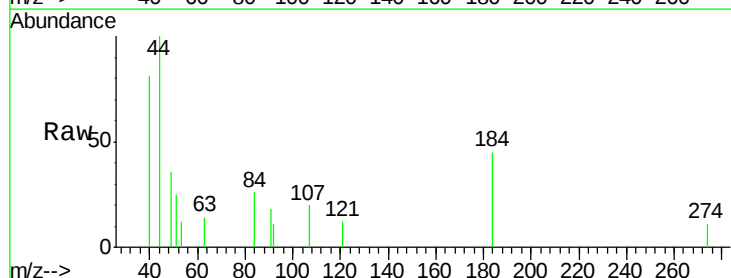
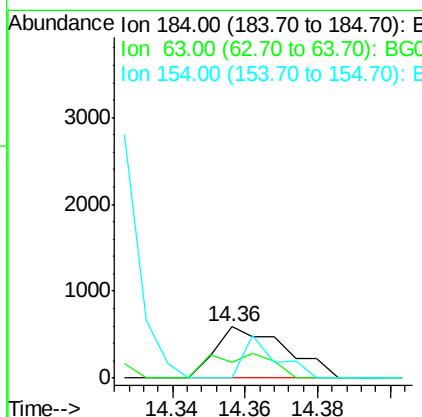
RT: 14.36 min Scan# 1986

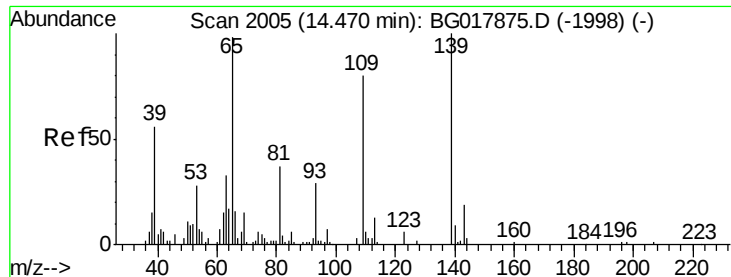
Delta R.T. -0.01 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Tgt Ion:	184	Resp:	790
Ion Ratio	Lower	Upper	
184	100		
63	30.6	60.3	90.5#
154	0.0	48.7	73.1#





#52

4-Nitrophenol

Concen: 2.75 ng/ul

RT: 14.46 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Instrument :

BNA_G

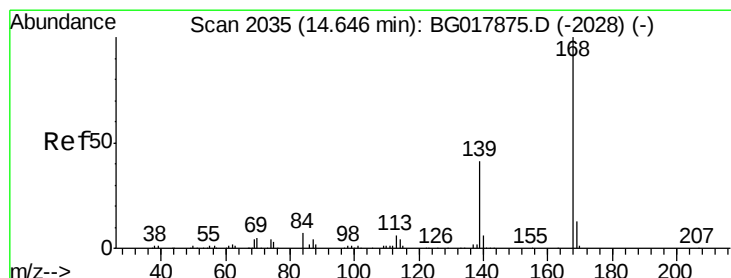
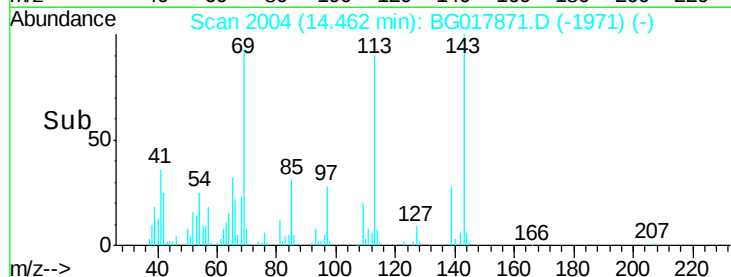
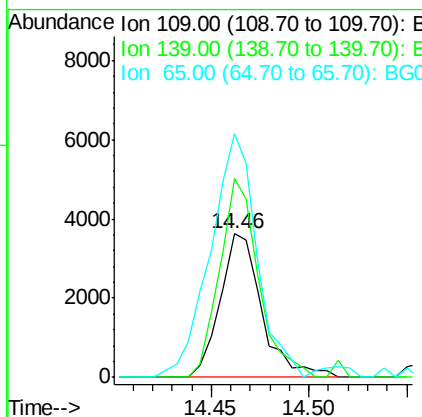
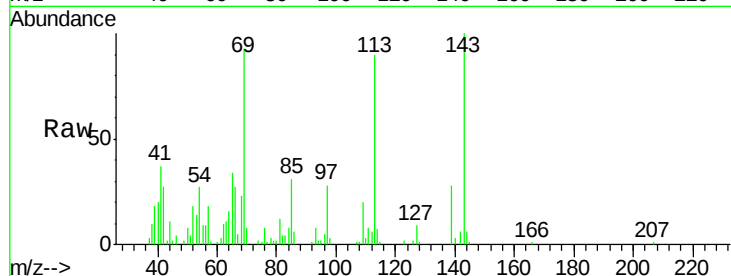
ClientSampleId :

MDL-04-S

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	5379		
139	138.9	96.9	145.3	
65	170.0	121.1	181.7	

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#53

Dibenzofuran

Concen: 3.00 ng/ul

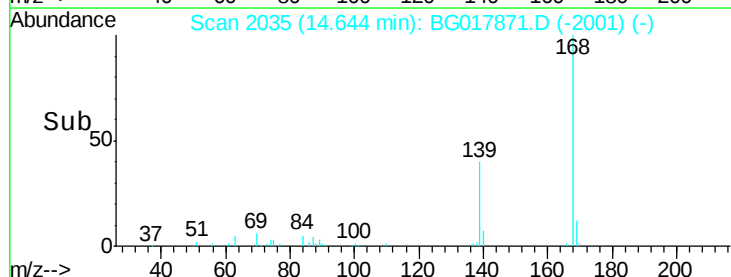
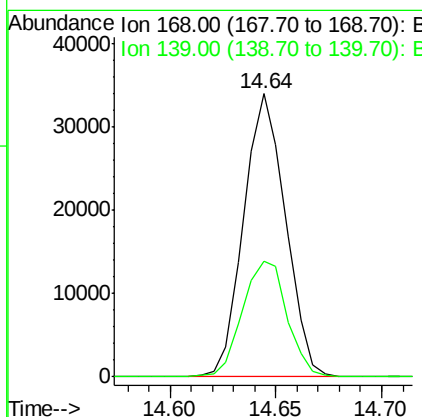
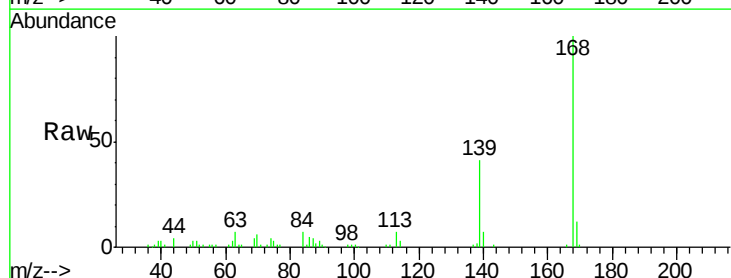
RT: 14.64 min Scan# 2035

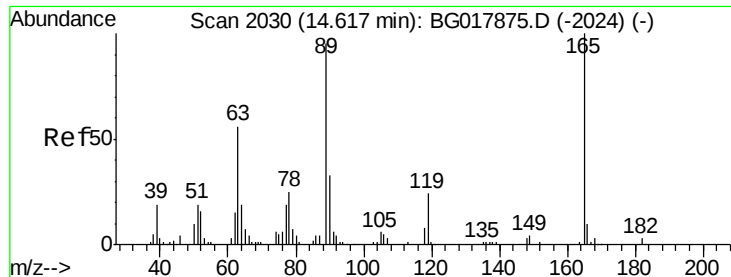
Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	46641		
139	40.7	33.6	50.4	





#54

2,4-Dinitrotoluene

Concen: 2.38 ng/ul

RT: 14.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Instrument :

BNA_G

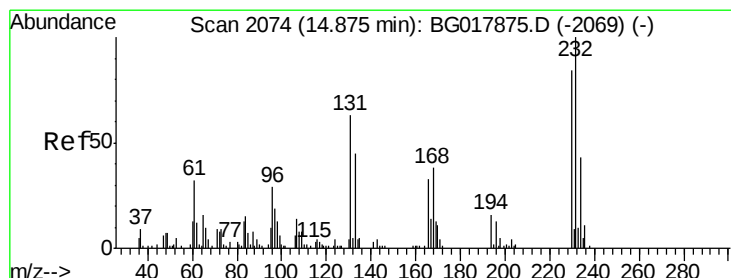
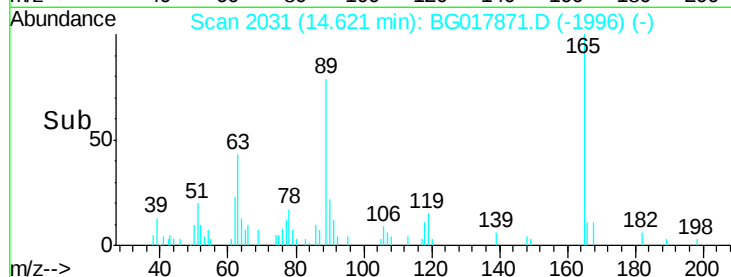
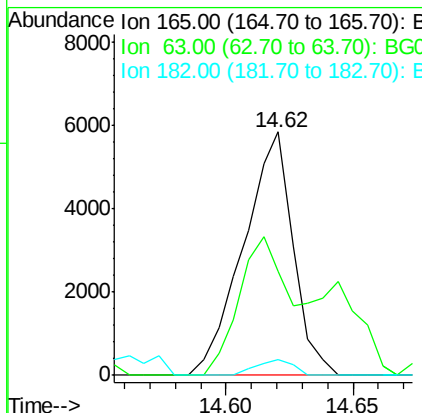
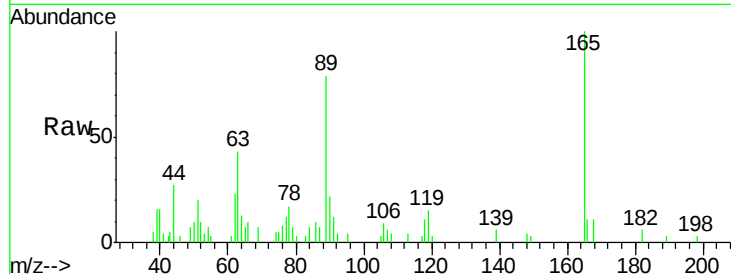
ClientSampleId :

MDL-04-S

Tgt Ion:	165	Resp:	7986
Ion Ratio	Lower	Upper	
165	100		
63	42.6	48.0	72.0#
182	6.3	3.7	5.5#

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#55

2,3,4,6-Tetrachlorophenol

Concen: 2.15 ng/ul

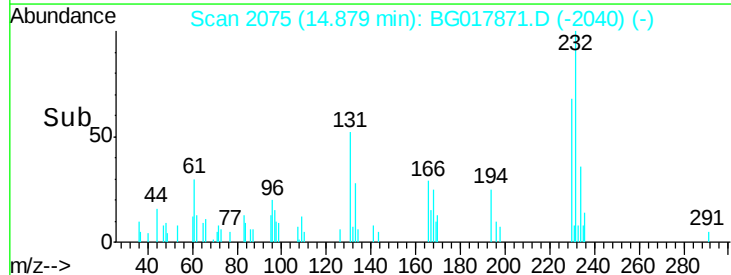
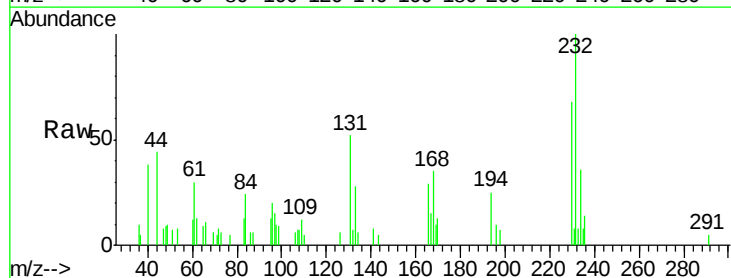
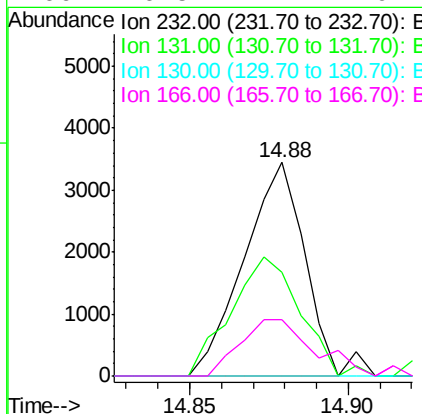
RT: 14.88 min Scan# 2075

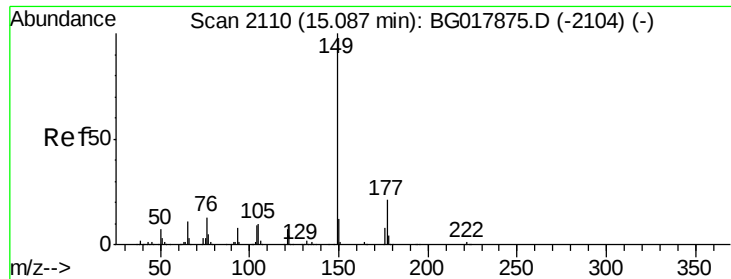
Delta R.T. 0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Tgt Ion:	232	Resp:	4525
Ion Ratio	Lower	Upper	
232	100		
131	48.6	50.1	75.1#
130	0.0	2.4	3.6#
166	26.5	27.1	40.7#





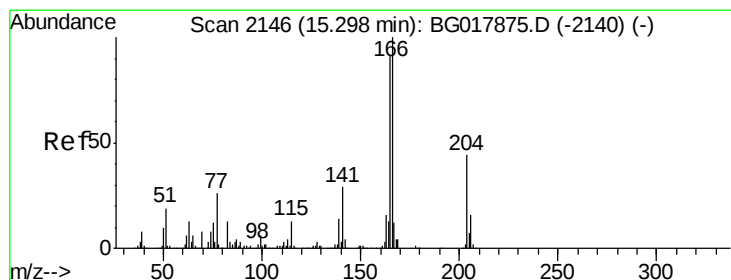
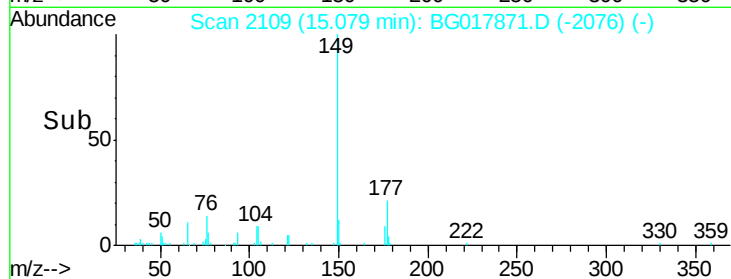
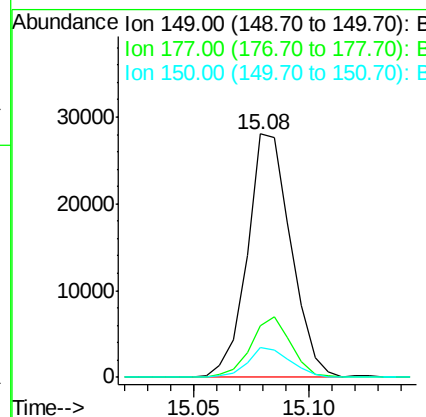
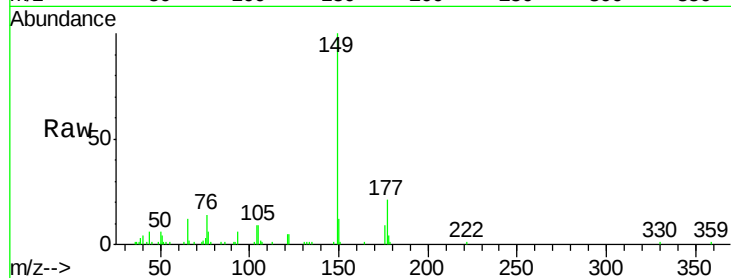
#56
Diethylphthalate
Concen: 2.80 ng/ul
RT: 15.08 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Instrument :
BNA_G
ClientSampleId :
MDL-04-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.3	17.5	26.3
150	12.2	10.2	15.4

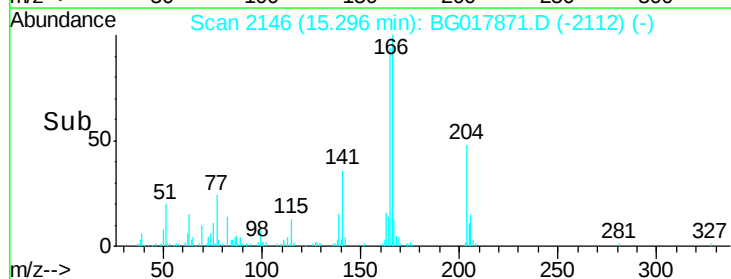
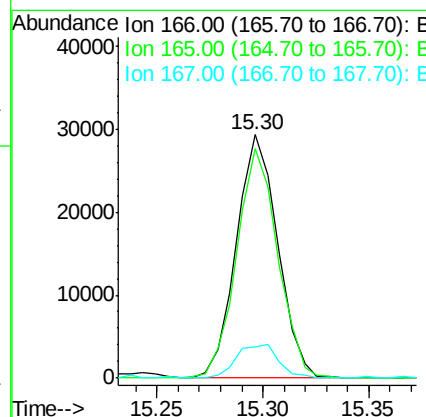
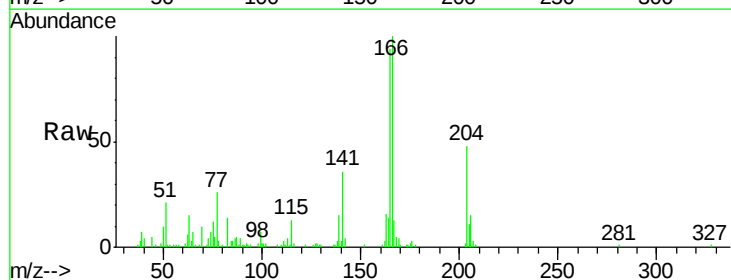
Manual Integrations
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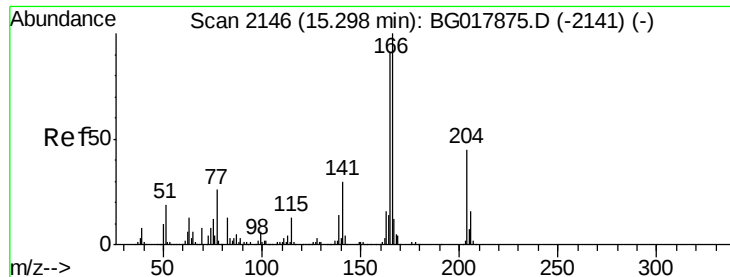
apatel
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#58
Fluorene
Concen: 2.94 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	94.1	73.3	109.9
167	12.6	11.0	16.4





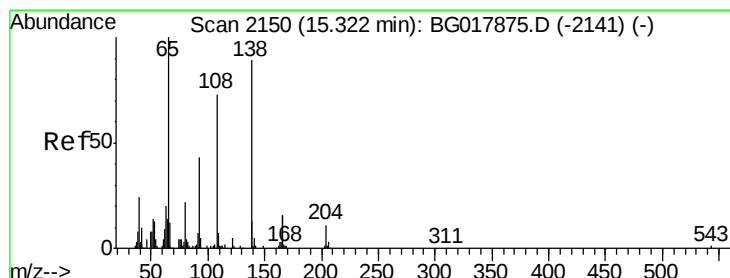
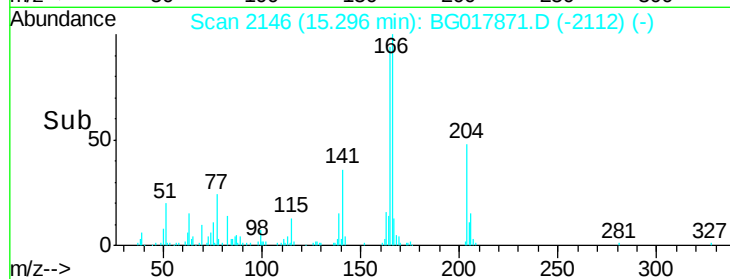
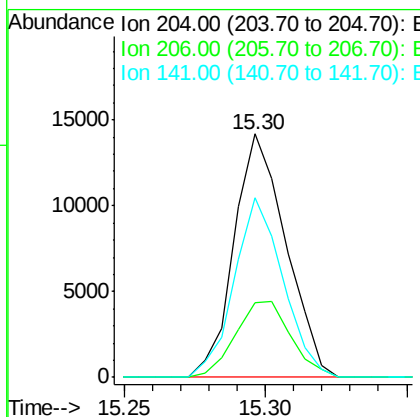
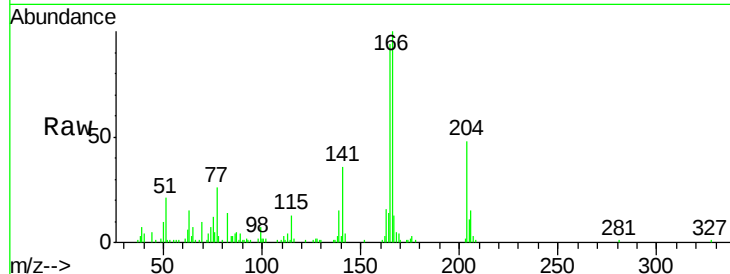
#59
4-Chlorophenyl-phenylether
Concen: 2.88 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Instrument :
BNA_G
ClientSampleId :
MDL-04-S

Tgt Ion	Ratio	Lower	Upper
204	100		
206	30.7	25.7	38.5
141	73.6	52.5	78.7

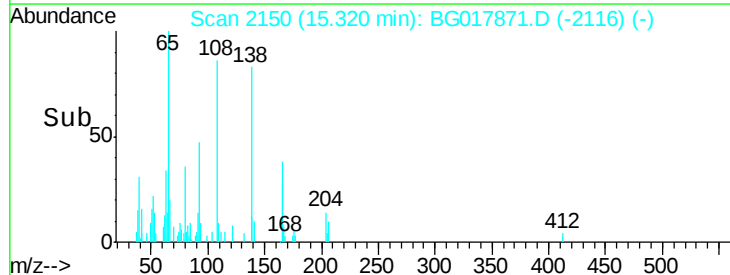
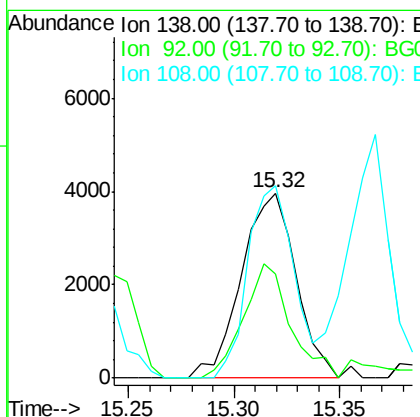
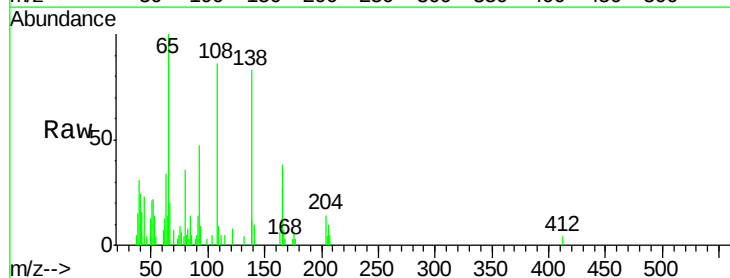
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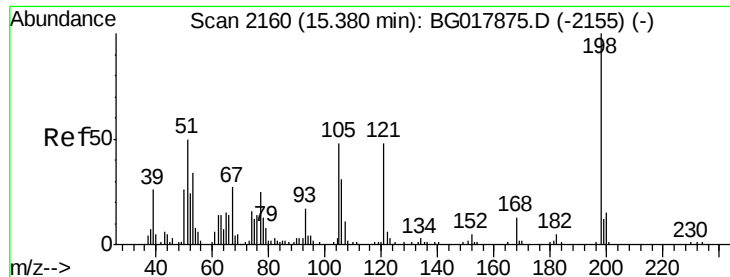
apatel
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#60
4-Nitroaniline
Concen: 2.24 ng/ul
RT: 15.32 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.2	38.6	58.0
108	104.1	62.0	93.0





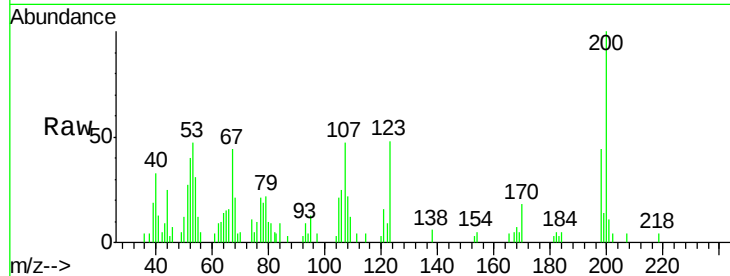
#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.59 ng/ul
 RT: 15.38 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG017871.D
 Acq: 14 Jul 2015 23:08

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-S

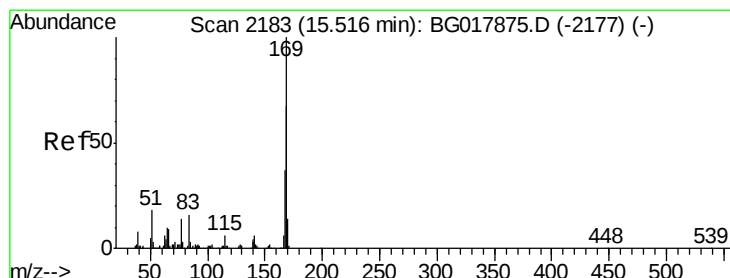
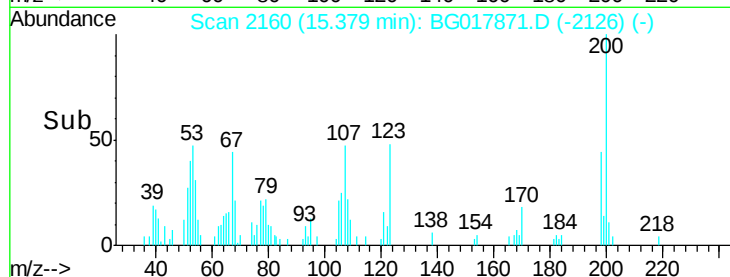
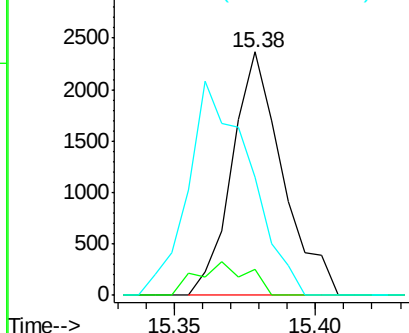
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	2937		
182	10.9	3.8	5.8#	
77	48.3	25.8	38.6#	

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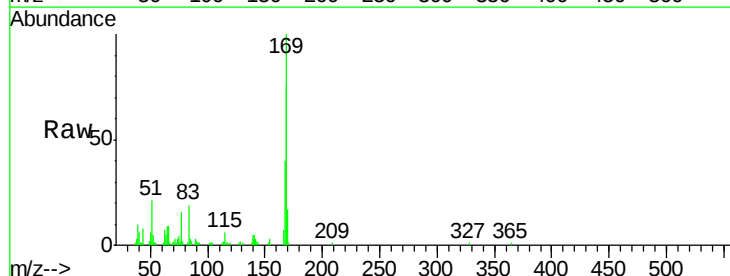


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BGC

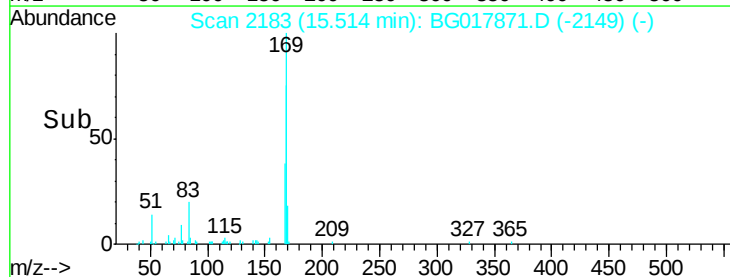
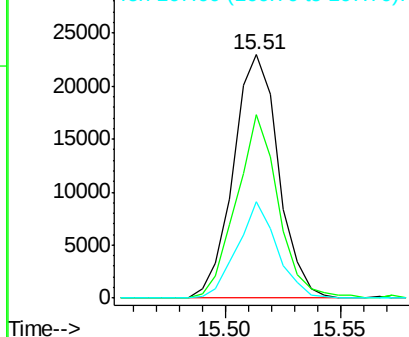


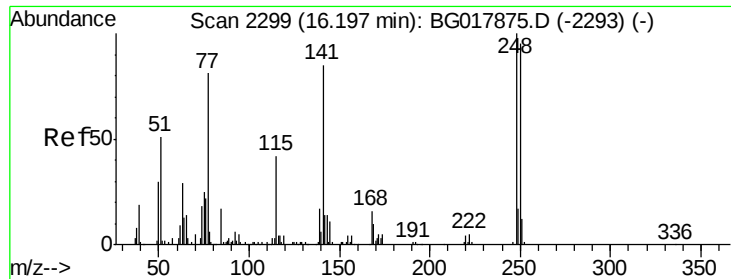
#64
 N-Nitrosodiphenylamine
 Concen: 2.89 ng/ul
 RT: 15.51 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG017871.D
 Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	31240		
168	75.2	53.7	80.5	
167	39.6	29.8	44.8	



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





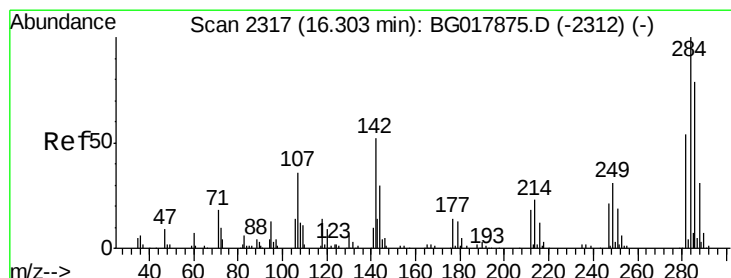
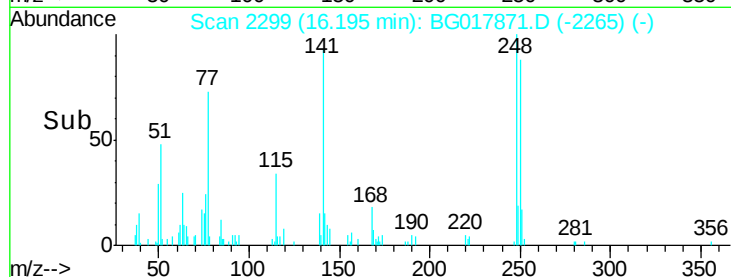
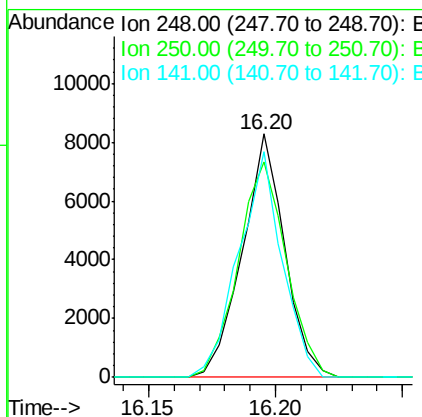
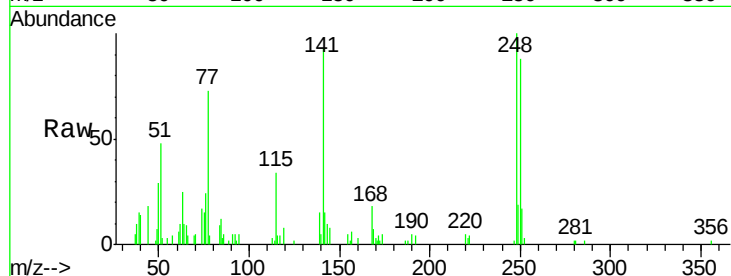
#65
4-Bromophenyl-phenylether
Concen: 2.83 ng/ul
RT: 16.20 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Instrument :
BNA_G
ClientSampled :
MDL-04-S

Tgt Ion	Ratio	Lower	Upper
248	100		
250	88.4	81.8	122.6
141	92.5	77.6	116.4

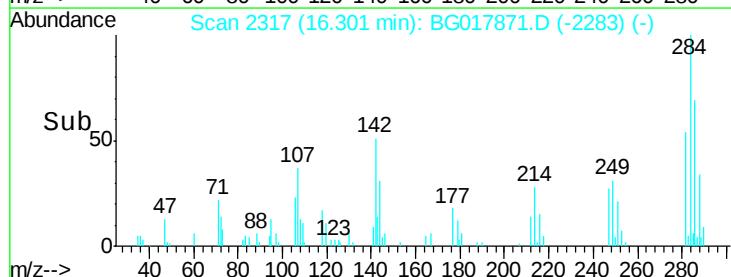
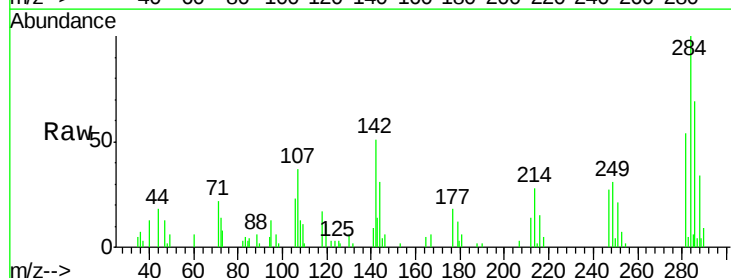
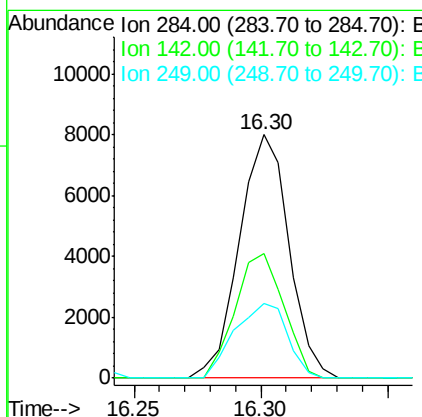
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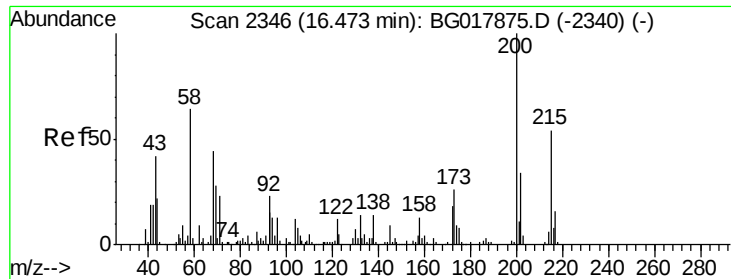
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#66
Hexachlorobenzene
Concen: 2.94 ng/ul
RT: 16.30 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	50.9	41.8	62.6
249	30.9	23.3	34.9





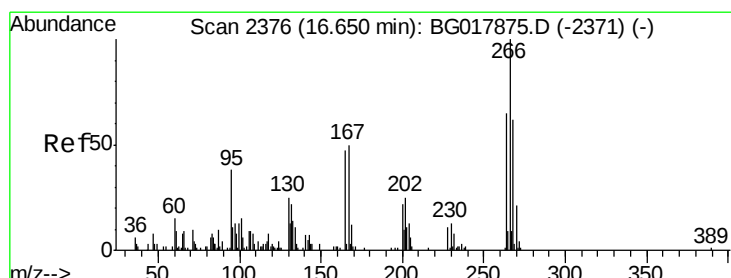
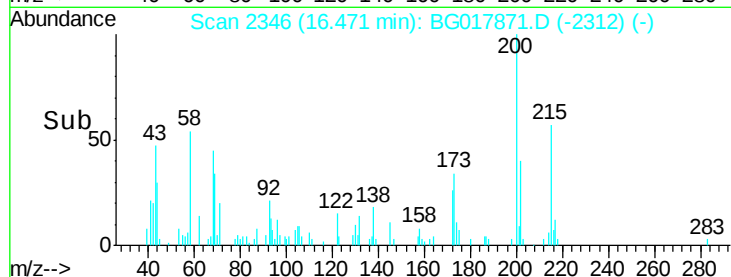
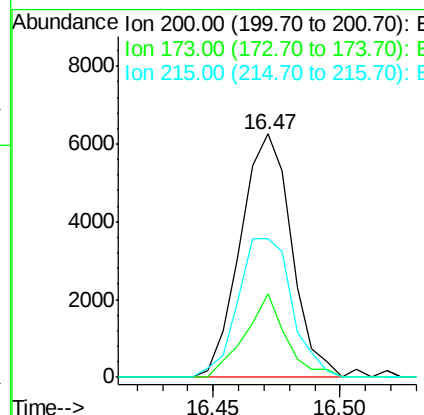
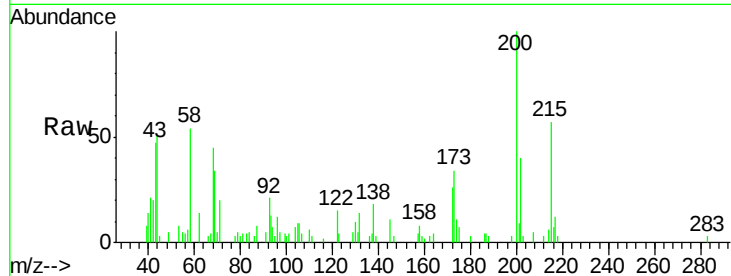
#67
Atrazine
Concen: 2.37 ng/ul
RT: 16.47 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Instrument :
BNA_G
ClientSampleId :
MDL-04-S

Tgt Ion	Ratio	Lower	Upper
200	100		
173	34.3	20.6	30.8#
215	56.8	40.0	60.0

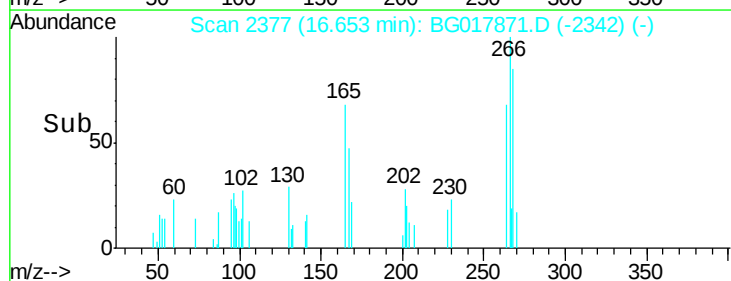
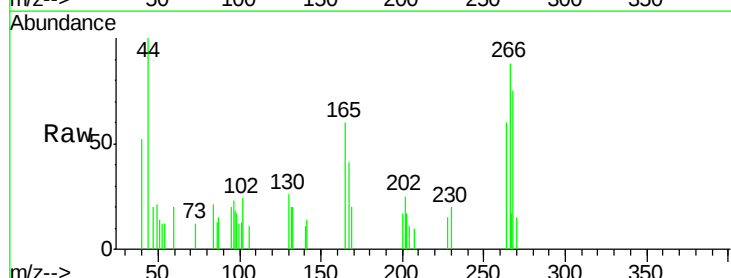
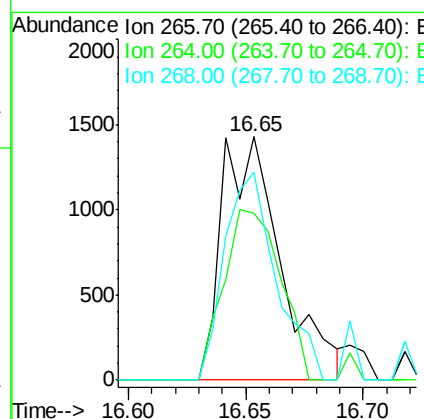
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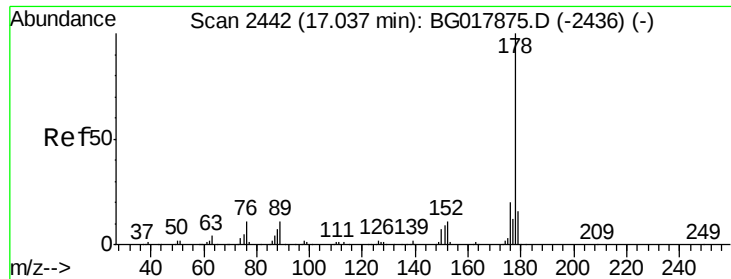
apatel
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#68
Pentachlorophenol
Concen: 1.36 ng/ul m
RT: 16.65 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Lower	Upper
266	100		
264	68.3	52.0	78.0
268	85.3	57.3	85.9





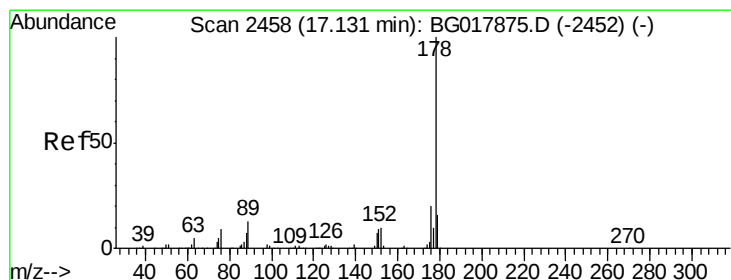
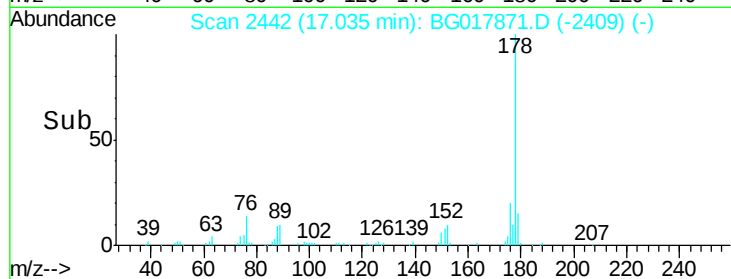
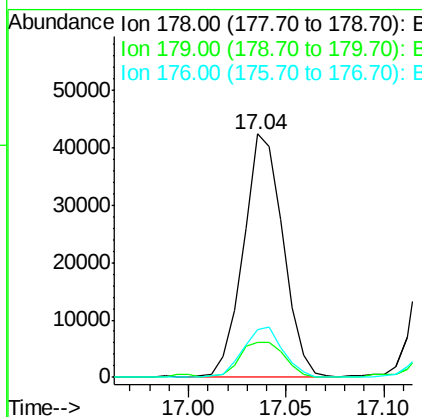
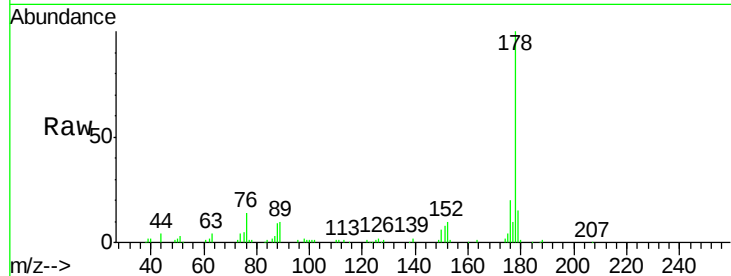
#69
 Phenanthrene
 Concen: 3.05 ng/ul
 RT: 17.04 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG017871.D
 Acq: 14 Jul 2015 23:08

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-S

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.6	18.8
176	19.8	16.2	24.2

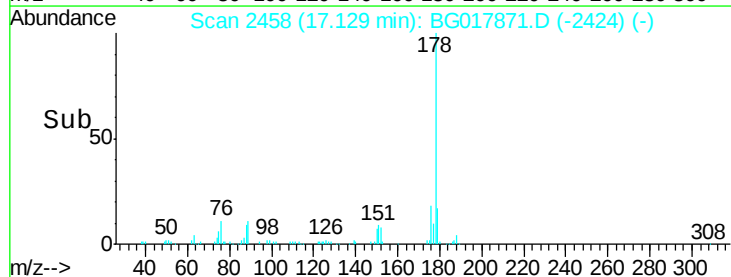
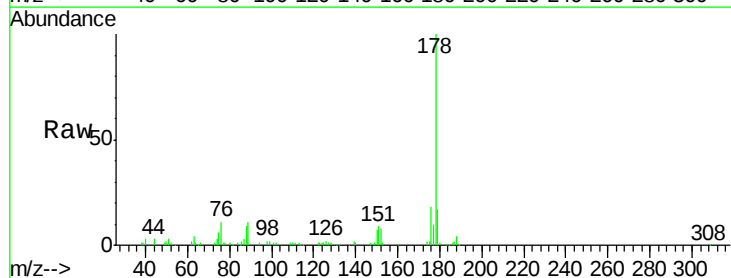
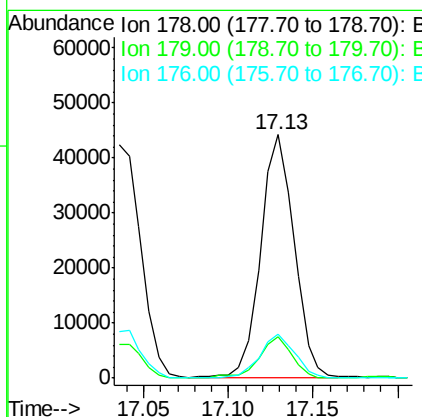
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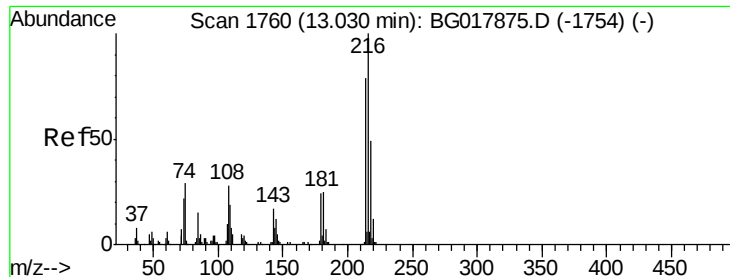
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#71
 Anthracene
 Concen: 3.03 ng/ul
 RT: 17.13 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: BG017871.D
 Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	19.0
176	18.0	16.5	24.7





#72

1,2,3,4-Tetrachlorobenzene

Concen: 2.81 ng/uL

RT: 13.03 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Instrument :

BNA_G

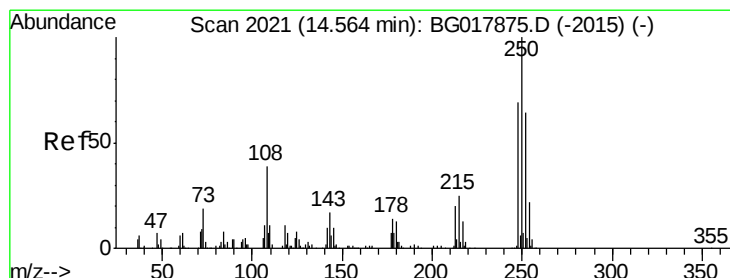
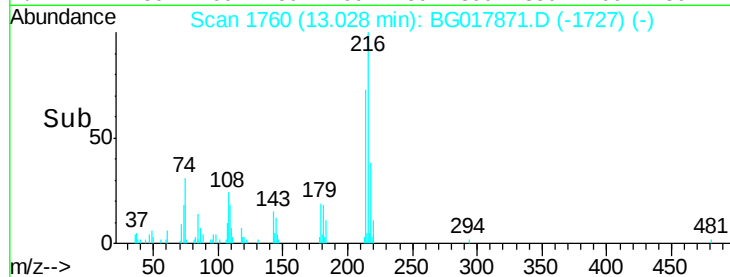
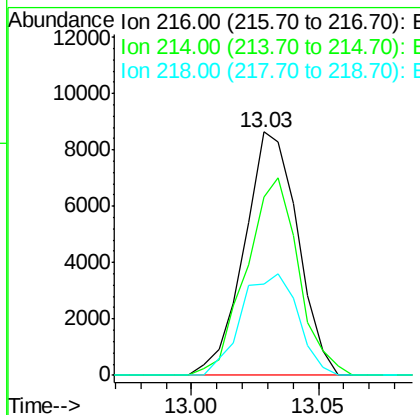
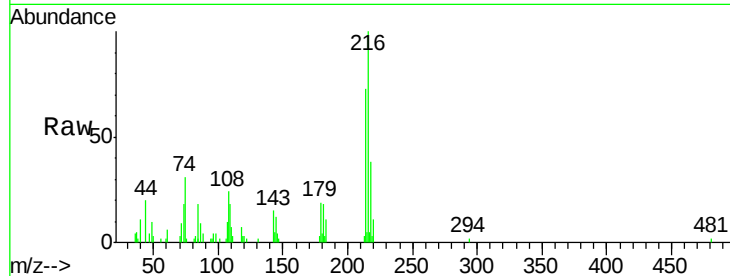
ClientSampleId :

MDL-04-S

Tgt Ion:	216	Resp:	12672
Ion Ratio	Lower	Upper	
216	100		
214	73.1	59.0	88.6
218	37.6	35.8	53.6

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#73

Pentachlorobenzene

Concen: 3.20 ng/uL

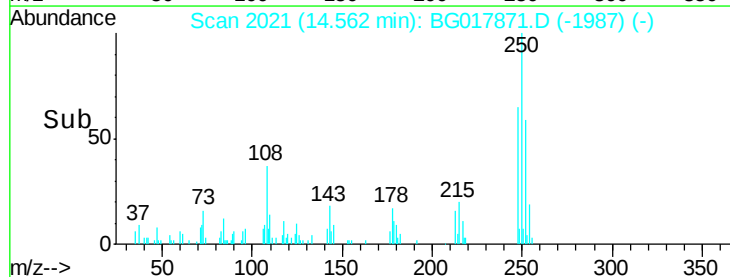
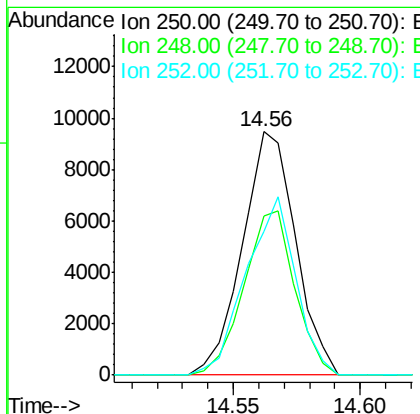
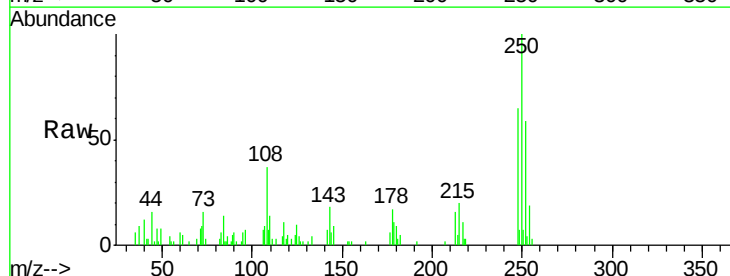
RT: 14.56 min Scan# 2021

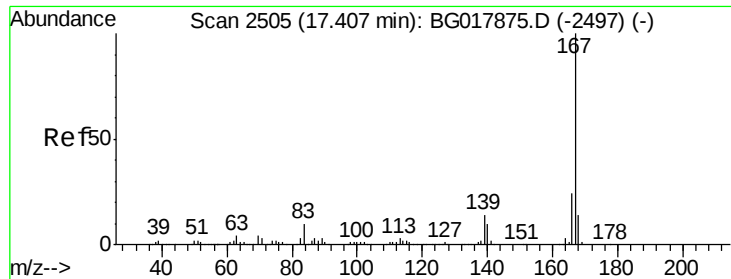
Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Tgt Ion:	250	Resp:	13849
Ion Ratio	Lower	Upper	
250	100		
248	72.1	48.8	73.2
252	59.2	48.2	72.2





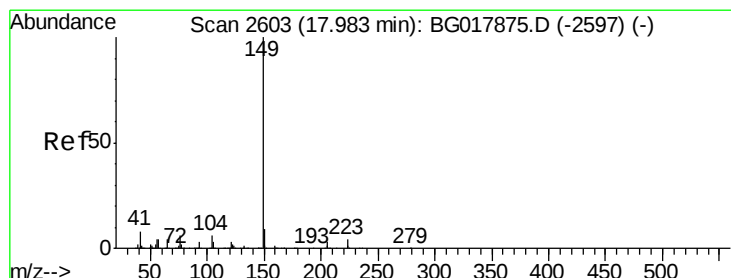
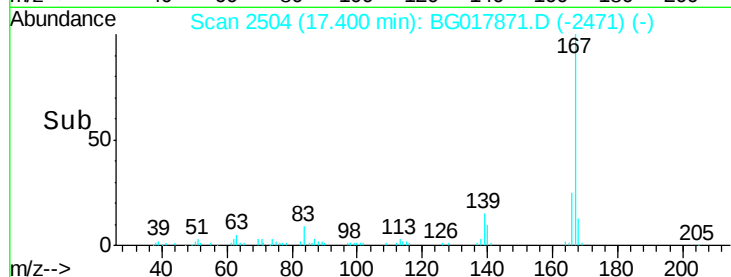
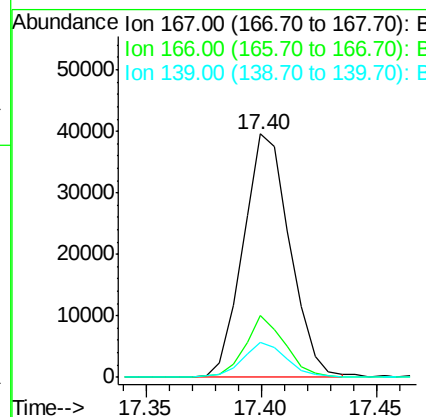
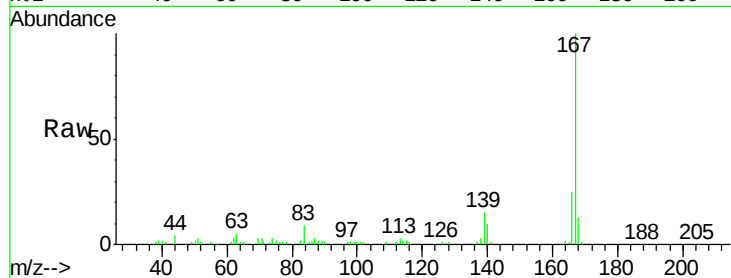
#74
 Carbazole
 Concen: 3.18 ng/ul
 RT: 17.40 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG017871.D
 Acq: 14 Jul 2015 23:08

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-S

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.2	17.8	26.8
139	14.6	11.4	17.2

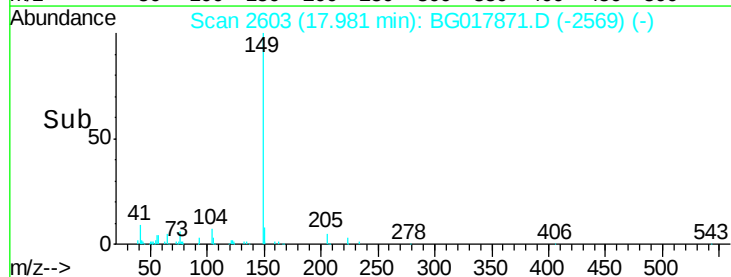
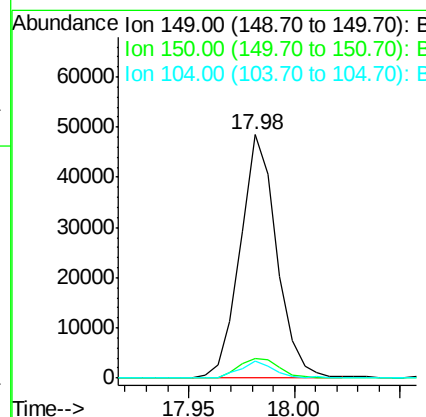
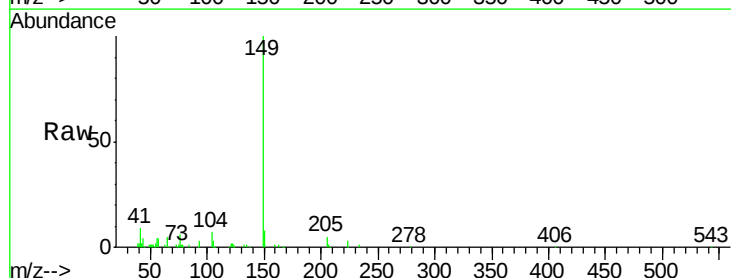
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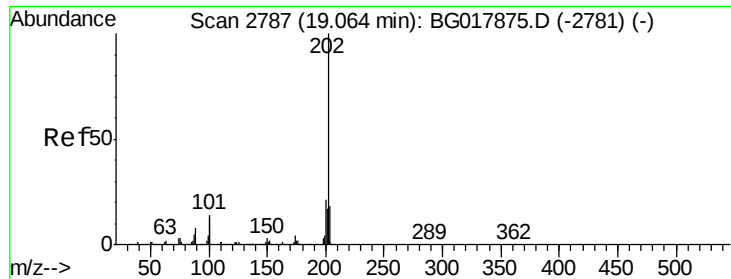
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#75
 Di-n-butylphthalate
 Concen: 2.65 ng/ul
 RT: 17.98 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG017871.D
 Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.2	8.2	12.2
104	6.8	5.4	8.2





#76

Fluoranthene

Concen: 3.14 ng/ul

RT: 19.06 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Instrument :

BNA_G

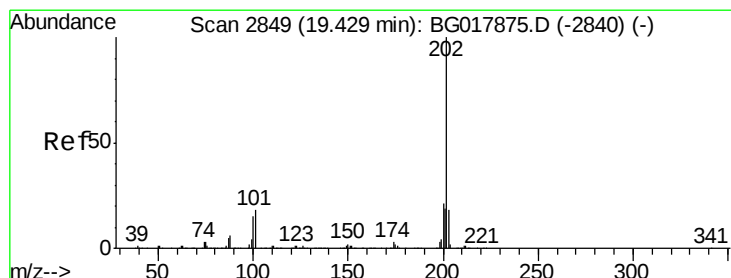
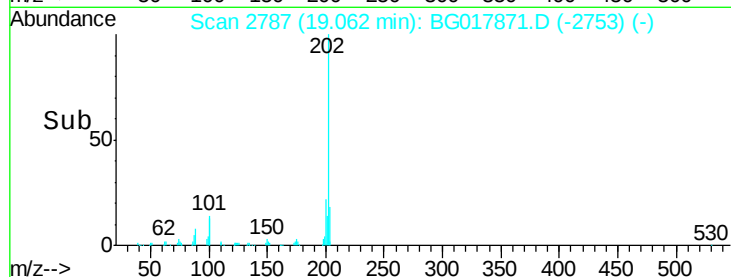
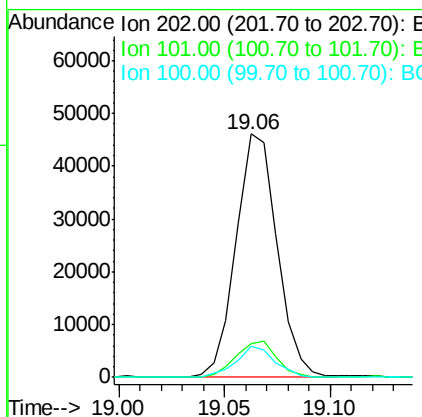
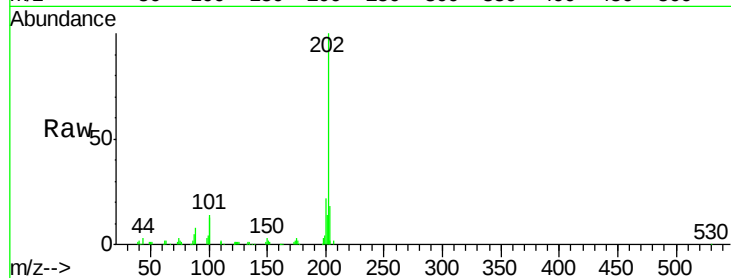
ClientSampleId :

MDL-04-S

Tgt	Ion	202	Resp:	62491
Ion	Ratio	Lower	Upper	
202	100			
101	13.9	12.3	18.5	
100	13.0	9.2	13.8	

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#79

Pyrene

Concen: 3.43 ng/ul

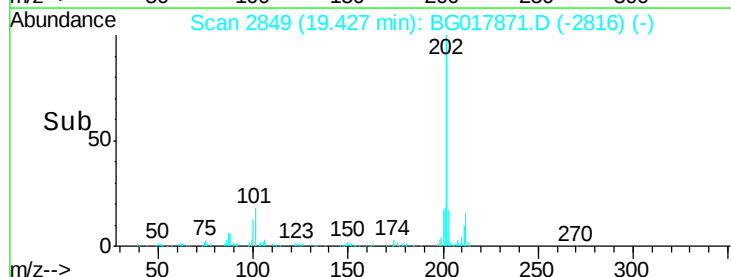
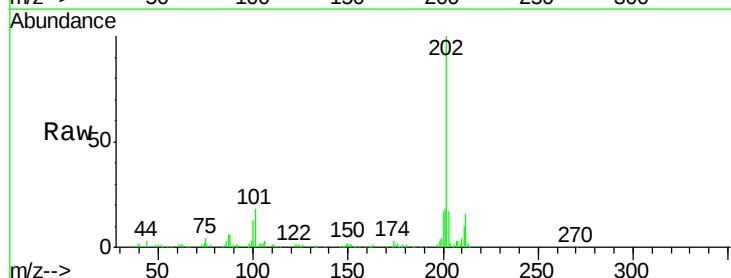
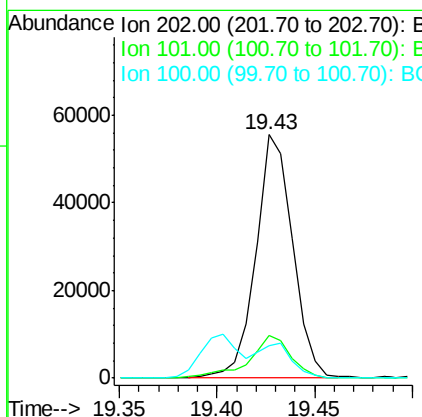
RT: 19.43 min Scan# 2849

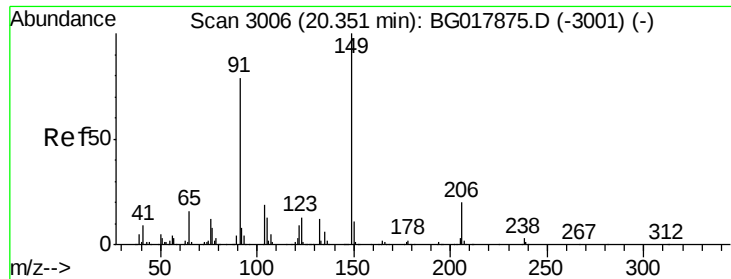
Delta R.T. -0.01 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Tgt	Ion	202	Resp:	72813
Ion	Ratio	Lower	Upper	
202	100			
101	17.6	13.8	20.6	
100	13.2	11.2	16.8	





#80

Butylbenzylphthalate

Concen: 2.20 ng/ul

RT: 20.35 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG017871.D

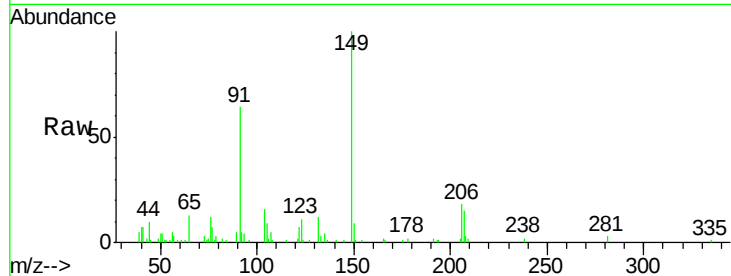
Acq: 14 Jul 2015 23:08

Instrument :

BNA_G

ClientSampleId :

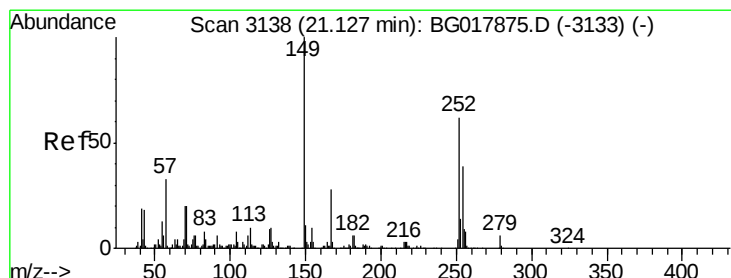
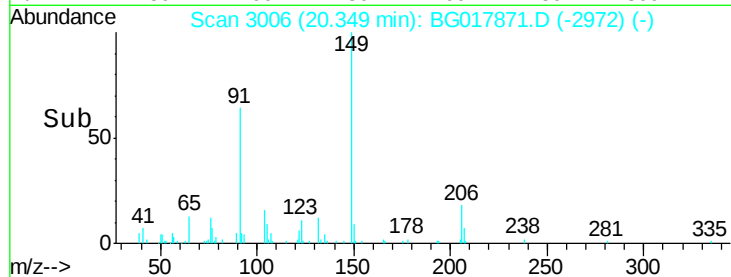
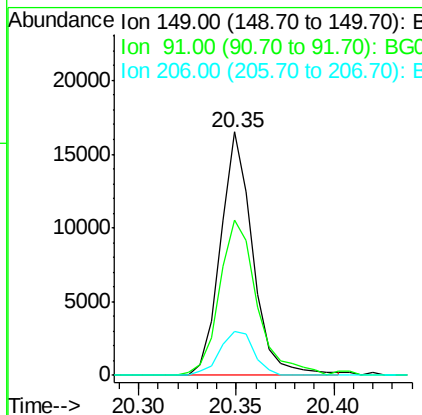
MDL-04-S



Tgt Ion:	149	Resp:	18878
Ion Ratio	Lower	Upper	
149	100		
91	63.6	64.3	96.5#
206	18.0	15.3	22.9

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#81

3,3'-Dichlorobenzidine

Concen: 1.79 ng/ul

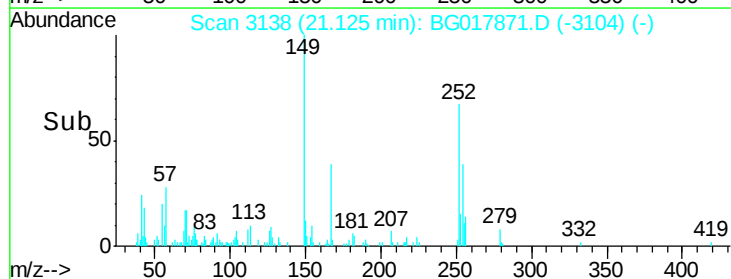
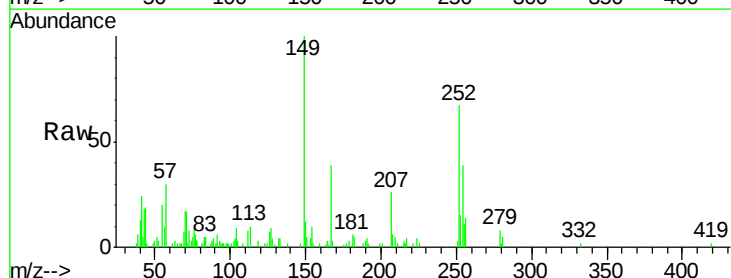
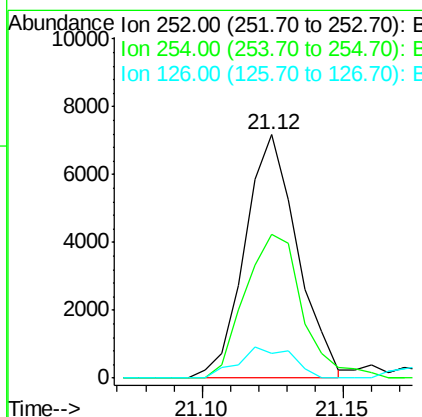
RT: 21.12 min Scan# 3138

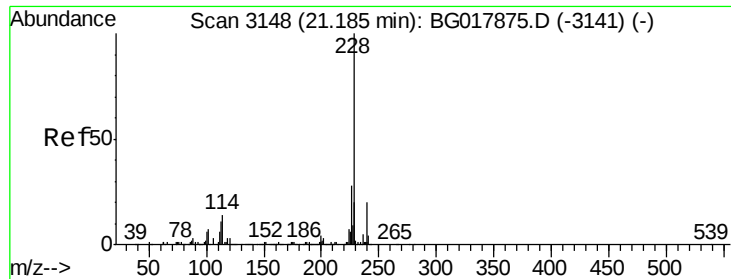
Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Tgt Ion:	252	Resp:	9239
Ion Ratio	Lower	Upper	
252	100		
254	59.2	54.2	81.2
126	9.9	13.3	19.9#





#82

Benzo(a)anthracene

Concen: 3.19 ng/ul

RT: 21.18 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG017871.D

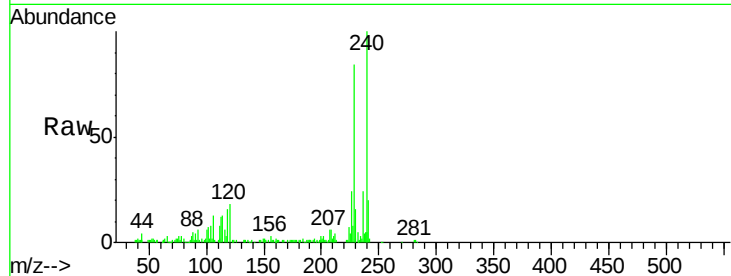
Acq: 14 Jul 2015 23:08

Instrument :

BNA_G

ClientSampleId :

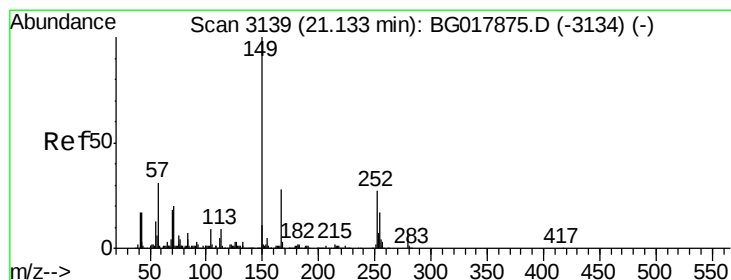
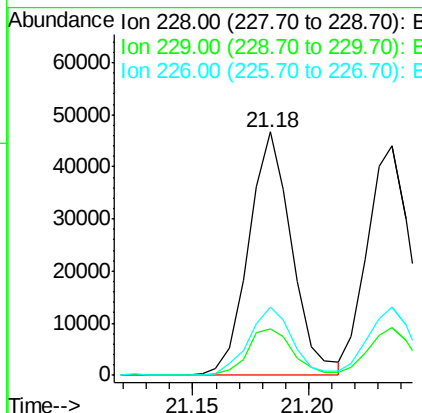
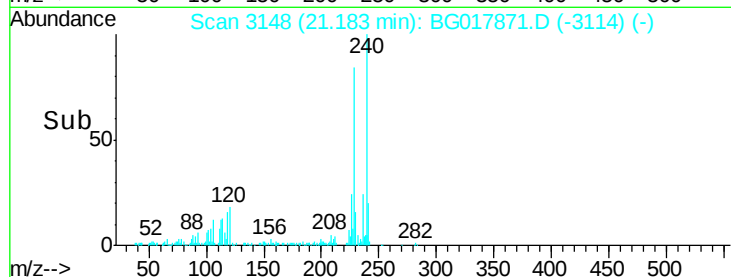
MDL-04-S



Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.3	16.5	24.7
226	28.2	22.0	33.0

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#83

Bis(2-ethylhexyl)phthalate

Concen: 1.94 ng/ul

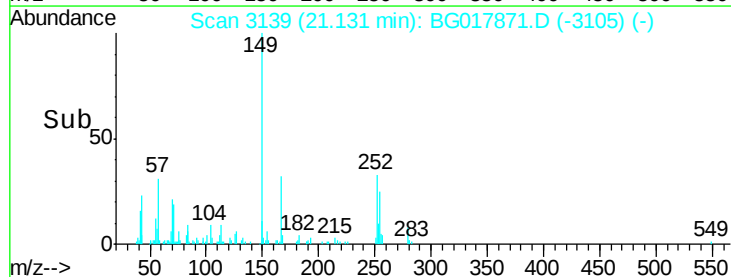
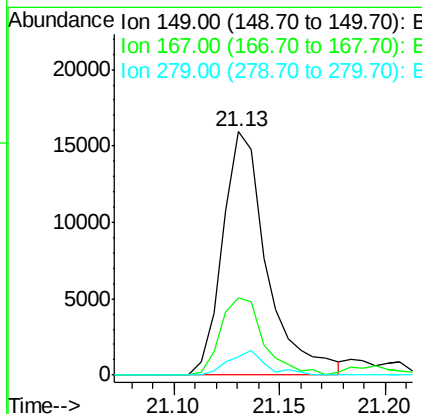
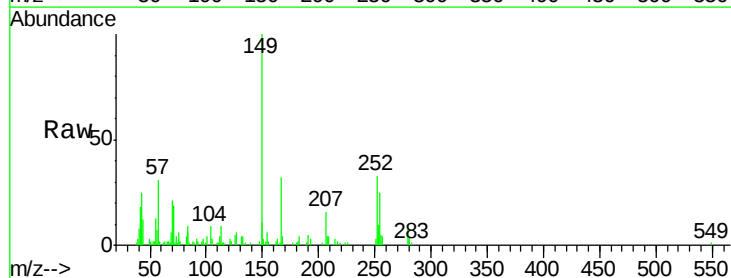
RT: 21.13 min Scan# 3139

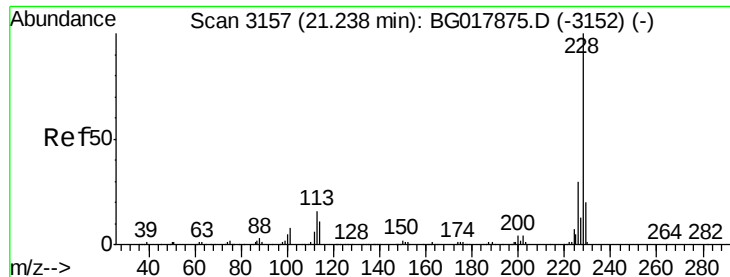
Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.5	22.9	34.3
279	7.5	5.8	8.6





#84

Chrysene

Concen: 3.23 ng/ul

RT: 21.24 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Instrument :

BNA_G

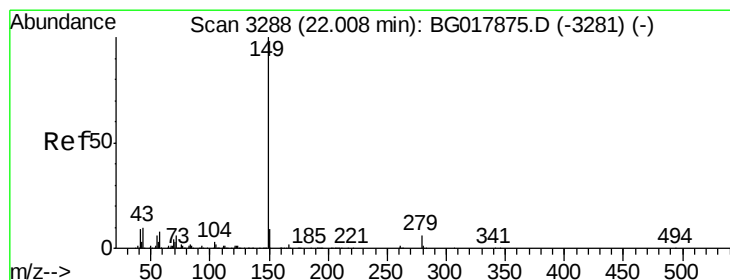
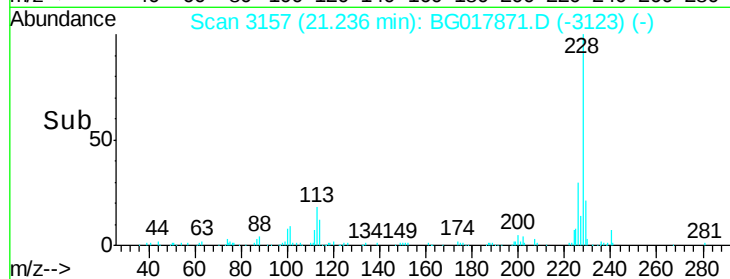
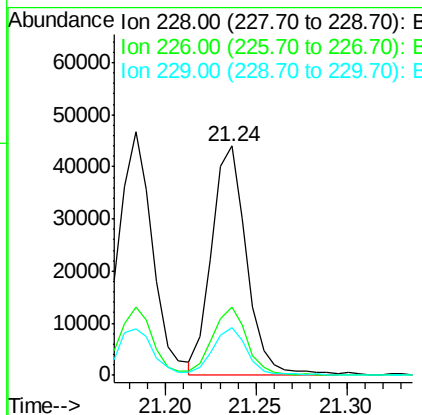
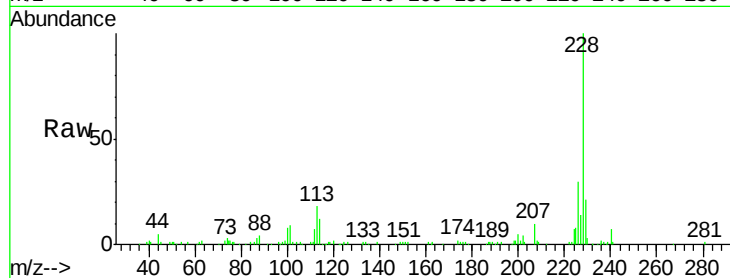
ClientSampleId :

MDL-04-S

Tgt Ion:	228	Resp:	59167
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.3	36.5
229	21.1	15.4	23.2

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#86

Di-n-octyl phthalate

Concen: 1.86 ng/ul

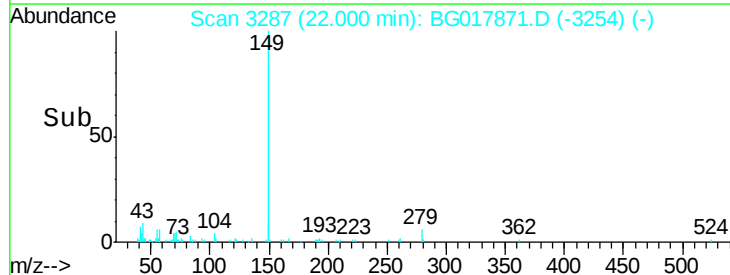
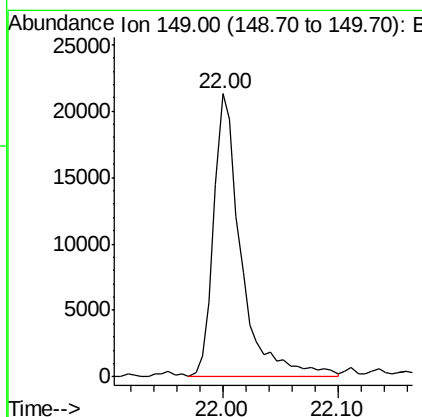
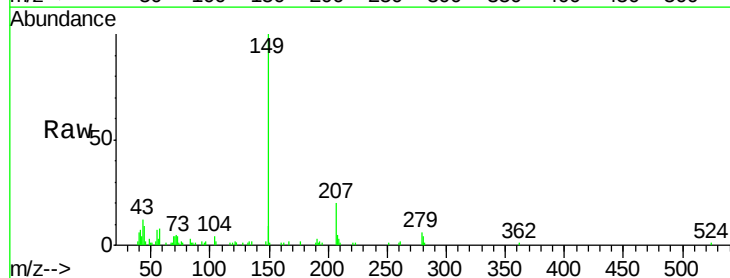
RT: 22.00 min Scan# 3287

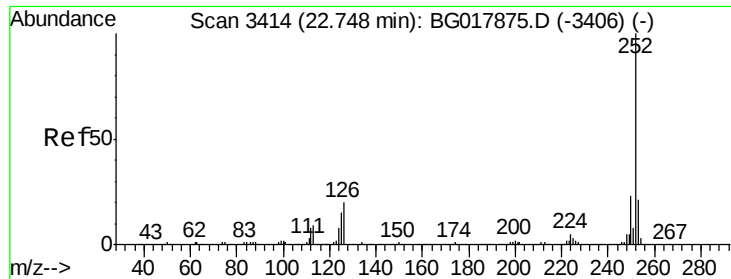
Delta R.T. -0.01 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Tgt Ion:149 Resp: 35262





#87

Benzo(b)fluoranthene

Concen: 2.84 ng/ul m

RT: 22.75 min Scan# 3415

Delta R.T. 0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Instrument :

BNA_G

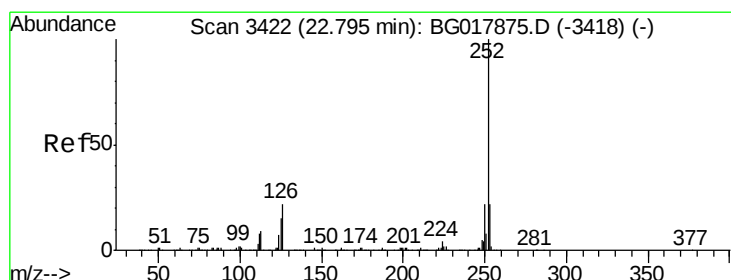
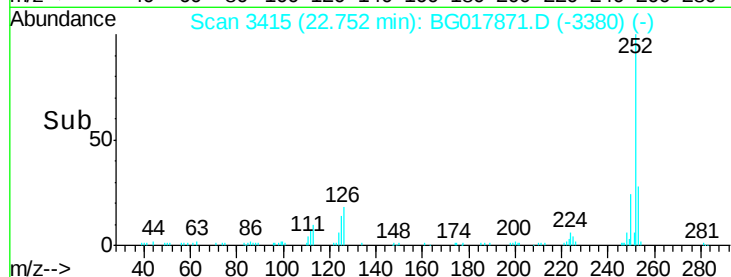
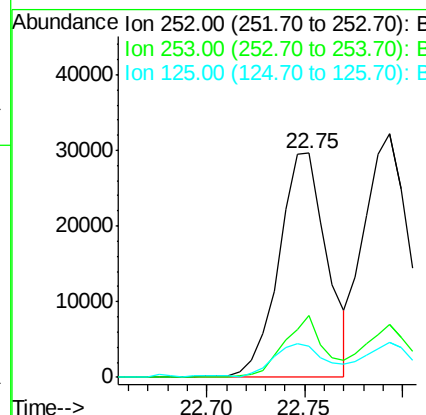
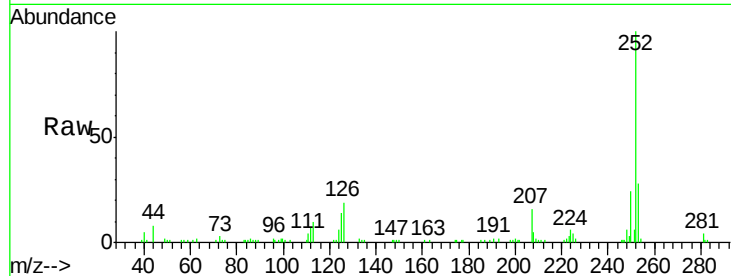
ClientSampleId :

MDL-04-S

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.6	26.4#
125	13.7	11.5	17.3

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#88

Benzo(k)fluoranthene

Concen: 2.83 ng/ul

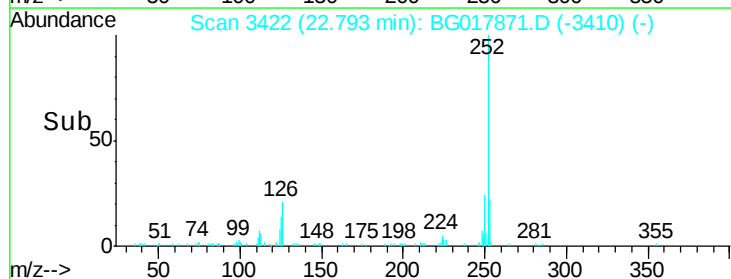
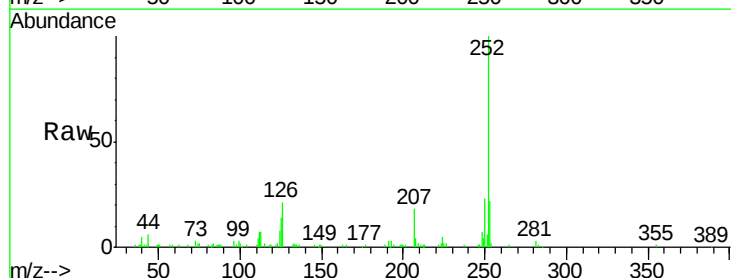
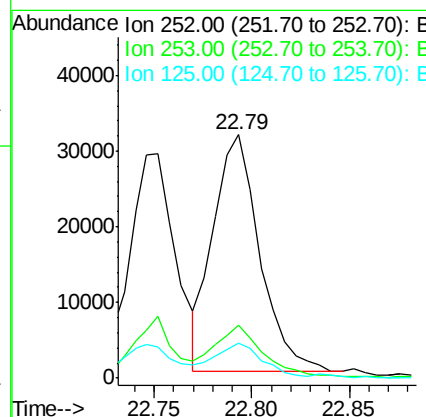
RT: 22.79 min Scan# 3422

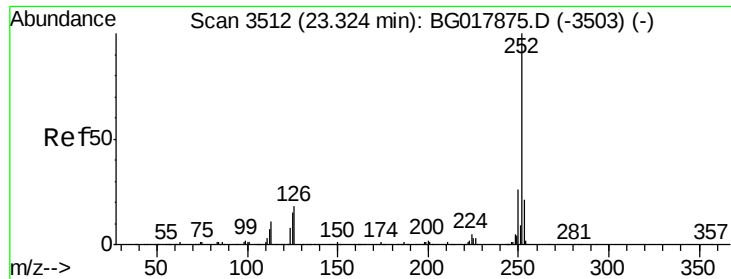
Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	14.4	13.1	19.7





#90

Benzo(a)pyrene

Concen: 2.94 ng/ul

RT: 23.32 min Scan# 3512

Delta R.T. -0.00 min

Lab File: BG017871.D

Acq: 14 Jul 2015 23:08

Instrument :

BNA_G

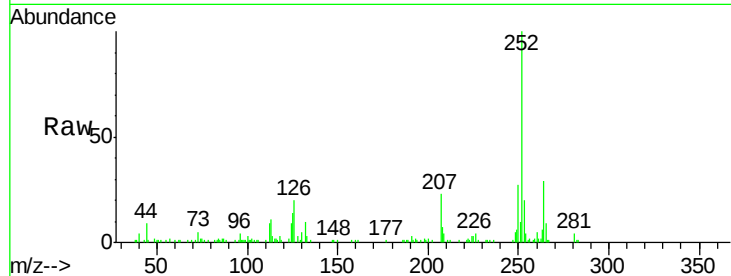
ClientSampleId :

MDL-04-S

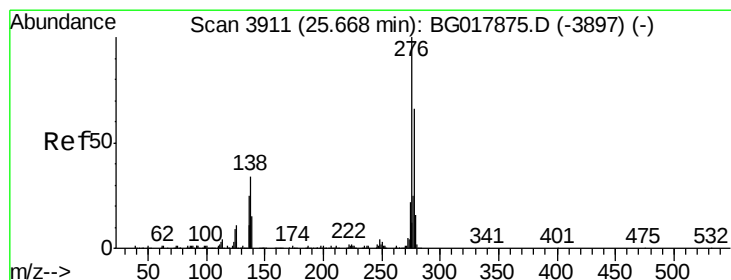
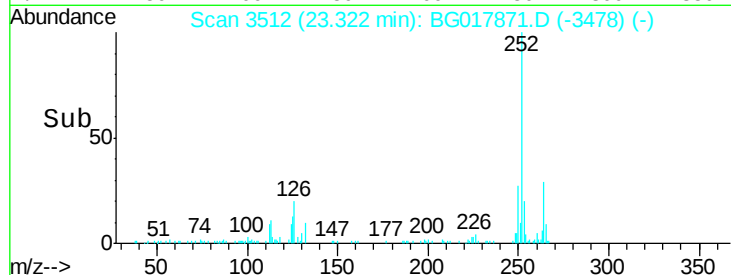
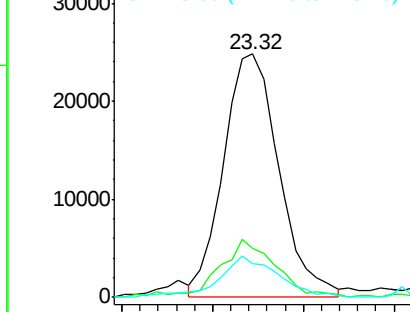
Tgt Ion:	252	Resp:	52773
Ion Ratio	Lower	Upper	
252	100		
253	20.0	16.6	25.0
125	13.9	11.8	17.8

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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



#91

Indeno(1,2,3-cd)pyrene

Concen: 2.73 ng/ul

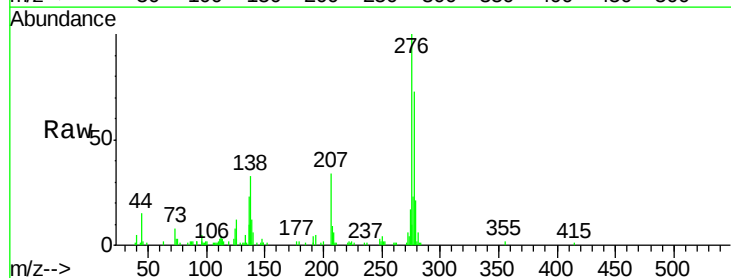
RT: 25.67 min Scan# 3911

Delta R.T. -0.00 min

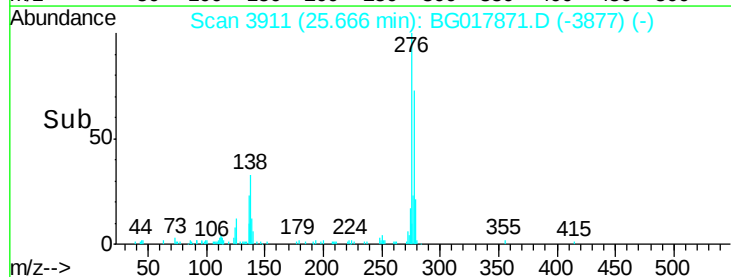
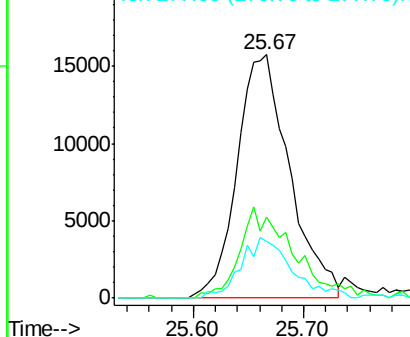
Lab File: BG017871.D

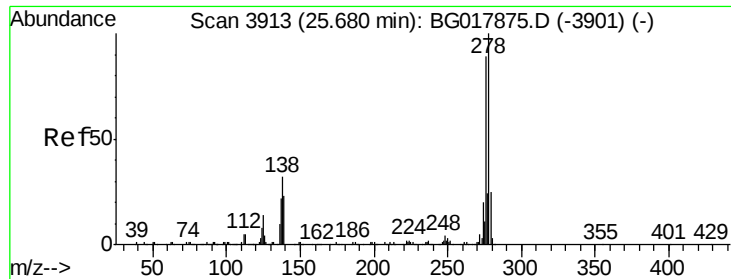
Acq: 14 Jul 2015 23:08

Tgt Ion:	276	Resp:	52414
Ion Ratio	Lower	Upper	
276	100		
138	33.4	29.4	44.0
277	23.3	20.7	31.1



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





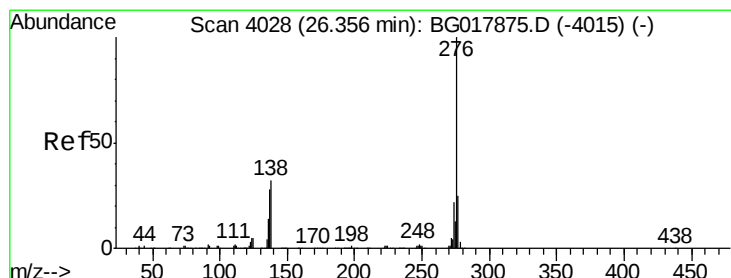
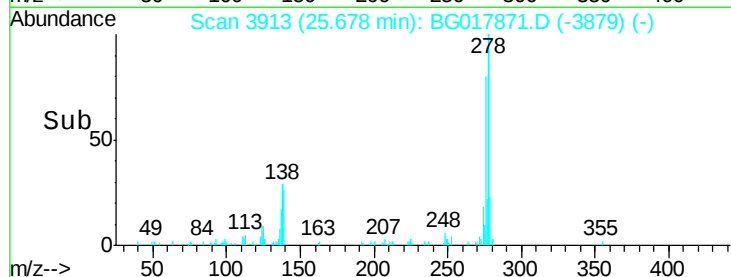
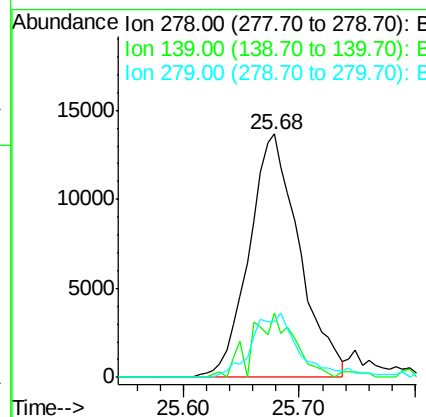
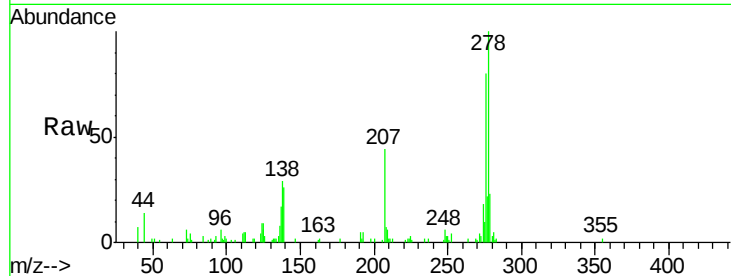
#92
Dibenzo(a,h)anthracene
Concen: 2.53 ng/ul
RT: 25.68 min Scan# 3913
Delta R.T. -0.00 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Instrument :
BNA_G
ClientSampleId :
MDL-04-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.3	18.4	27.6
279	22.7	19.4	29.0

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#93
Benzo(g,h,i)perylene
Concen: 2.79 ng/ul
RT: 26.35 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BG017871.D
Acq: 14 Jul 2015 23:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.9	22.2	33.4
277	22.4	18.4	27.6

