

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
 Data File : BM003731.D
 Acq On : 23 Dec 2015 05:07
 Operator : UM/SJ
 Sample : G4869-11MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01MSD

Manual Integrations
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Quant Time: Dec 23 06:10:58 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	42469	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	169539	20.00	ng	-0.04
38) Acenaphthene-d10	14.35	164	86831	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	174131	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	174322	20.00	ng	-0.03
86) Perylene-d12	23.53	264	172193	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	306497	128.31	ng	-0.02
7) Phenol-d6	6.87	99	380320	114.66	ng	-0.02
23) Nitrobenzene-d5	8.85	82	285788	104.52	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	125771	145.04	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	630643	98.95	ng	-0.03
78) Terphenyl-d14	19.73	244	681102	92.14	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	41454	41.82	ng	# 100
3) Pyridine	3.59	79	114438	41.22	ng	91
4) n-Nitrosodimethylamine	3.50	42	47766	53.73	ng	95
6) Aniline	7.02	93	121788	27.89	ng	97
8) 2-Chlorophenol	7.26	128	137571	45.48	ng	97
9) Benzaldehyde	6.83	77	34832	21.42	ng	96
10) Phenol	6.90	94	140385	39.89	ng	# 72
11) bis(2-Chloroethyl)ether	7.12	93	130560	45.85	ng	99
12) 1,3-Dichlorobenzene	7.58	146	147528	44.40	ng	97
13) 1,4-Dichlorobenzene	7.73	146	151723	44.28	ng	96
14) 1,2-Dichlorobenzene	8.05	146	146653	44.83	ng	97
15) Benzyl Alcohol	7.93	79	117634	51.25	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.23	45	141649	46.57	ng	94
17) 2-Methylphenol	8.14	107	112853	45.86	ng	97
18) Hexachloroethane	8.76	117	53966	45.84	ng	92
19) n-Nitroso-di-n-propylamine	8.50	70	99678	45.81	ng	90
20) 3+4-Methylphenols	8.47	107	148585	43.64	ng	97
22) Acetophenone	8.51	105	203846	49.06	ng	# 91
24) Nitrobenzene	8.89	77	151915	51.39	ng	92
25) Isophorone	9.41	82	269811	48.78	ng	96
26) 2-Nitrophenol	9.60	139	61137	40.89	ng	# 89
27) 2,4-Dimethylphenol	9.66	122	126752	48.68	ng	93
28) bis(2-Chloroethoxy)methane	9.90	93	167213	50.32	ng	98
29) 2,4-Dichlorophenol	10.13	162	122255	49.30	ng	98
30) 1,2,4-Trichlorobenzene	10.35	180	132727	47.93	ng	97
31) Naphthalene	10.53	128	837516	94.40	ng	100
32) Benzoic acid	9.75	122	8885	2.21	ng	95
33) 4-Chloroaniline	10.65	127	56528	15.44	ng	# 93
34) Hexachlorobutadiene	10.82	225	77926	47.46	ng	97
35) Caprolactam	11.41	113	31750m	38.72	ng	
36) 4-Chloro-3-methylphenol	11.78	107	131424	46.99	ng	89
37) 2-Methylnaphthalene	12.15	142	350022	57.52	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	140870	50.46	ng	# 100
40) Hexachlorocyclopentadiene	12.50	237	144886	93.05	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	91063	50.02	nq	99
43) 2,4,5-Trichlorophenol	12.85	196	96601	50.48	nq	# 90
45) 1,1'-Biphenyl	13.17	154	385854	50.11	nq	99
46) 2-Chloronaphthalene	13.22	162	284351	50.28	nq	# 92
47) 2-Nitroaniline	13.43	65	77124	54.97	nq	97
48) Acenaphthylene	14.07	152	468072	49.64	nq	100
49) Dimethylphthalate	13.80	163	344442	48.14	nq	99
50) 2,6-Dinitrotoluene	13.93	165	75041	50.27	nq	96
51) Acenaphthene	14.41	154	321835	58.90	nq	99
52) 3-Nitroaniline	14.26	138	51734	33.86	nq	83
53) 2,4-Dinitrophenol	14.47	184	15396	23.50	nq	# 84
54) Dibenzofuran	14.75	168	470869	59.66	nq	93
55) 4-Nitrophenol	14.57	139	95845	75.97	nq	76
56) 2,4-Dinitrotoluene	14.72	165	102231	52.78	nq	# 73
57) Fluorene	15.40	166	365288	55.83	nq	100
58) 2,3,4,6-Tetrachlorophenol	14.97	232	80988	55.06	nq	# 100
59) Diethylphthalate	15.17	149	343894	48.95	nq	98
60) 4-Chlorophenyl-phenylether	15.39	204	159641	48.25	nq	93
61) 4-Nitroaniline	15.42	138	80342	51.49	nq	# 73
62) Azobenzene	15.69	77	317670	57.68	nq	97
64) 4,6-Dinitro-2-methylphenol	15.49	198	22756	21.66	nq	86
65) n-Nitrosodiphenylamine	15.61	169	291362	52.92	nq	99
66) 4-Bromophenyl-phenylether	16.29	248	93769	49.94	nq	# 85
67) Hexachlorobenzene	16.40	284	103265	51.19	nq	# 83
68) Atrazine	16.56	200	95854	55.83	nq	98
69) Pentachlorophenol	16.75	266	103172	89.60	nq	99
70) Phenanthrene	17.14	178	566753	58.00	nq	100
71) Anthracene	17.23	178	516731	53.22	nq	99
72) Carbazole	17.50	167	493487	58.34	nq	100
73) Di-n-butylphthalate	18.06	149	553127	55.94	nq	99
74) Fluoranthene	19.16	202	561781	55.75	nq	96
76) Benzidine	19.34	184	223172	39.96	nq	99
77) Pyrene	19.52	202	587295	48.04	nq	100
79) Butylbenzylphthalate	20.43	149	238962	50.76	nq	93
80) Benzo(a)anthracene	21.27	228	533748	51.07	nq	99
81) 3,3'-Dichlorobenzidine	21.22	252	132525	39.82	nq	99
82) Chrysene	21.33	228	488703	48.58	nq	100
83) Bis(2-ethylhexyl)phthalate	21.20	149	337313	52.24	nq	98
84) Di-n-octyl phthalate	22.09	149	586187	54.95	nq	96
85) Indeno(1,2,3-cd)pyrene	25.80	276	659126	62.37	nq	# 100
87) Benzo(b)fluoranthene	22.86	252	548218	52.38	nq	98
88) Benzo(k)fluoranthene	22.90	252	493520	48.30	nq	98
89) Benzo(a)pyrene	23.44	252	522067	53.03	nq	# 98
90) Dibenzo(a,h)anthracene	25.81	278	549579	57.17	nq	98
91) Benzo(g,h,i)perylene	26.49	276	566605	58.34	nq	99

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

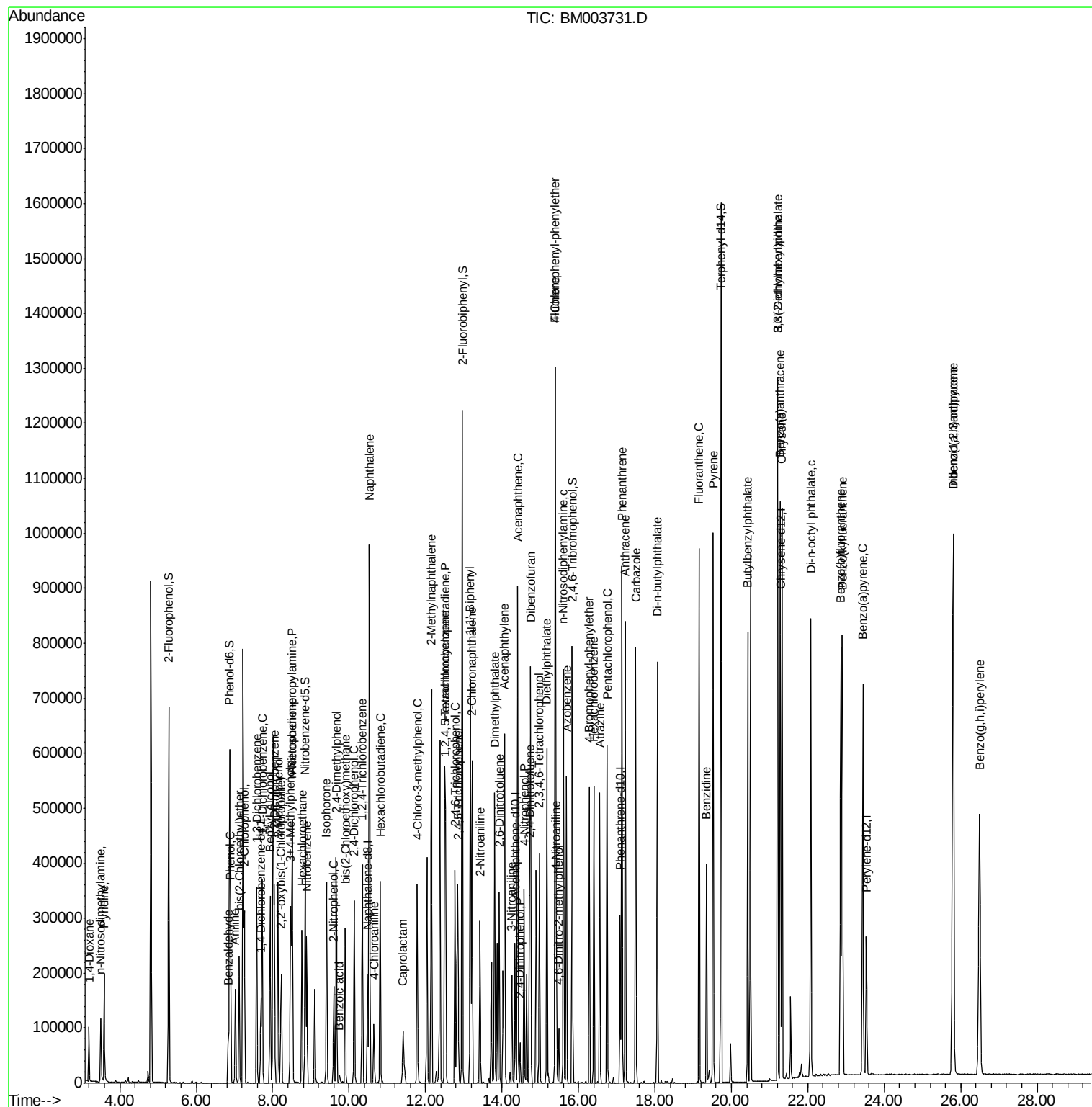
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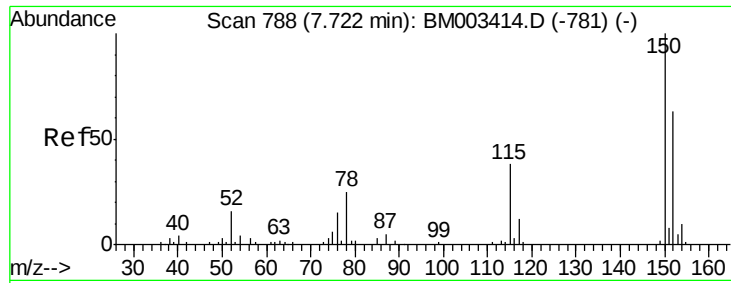
Instrument :
BNA_M
ClientSampled :
LTCWC-01MSD

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#1

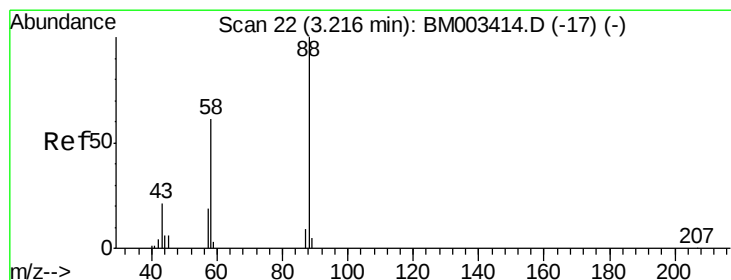
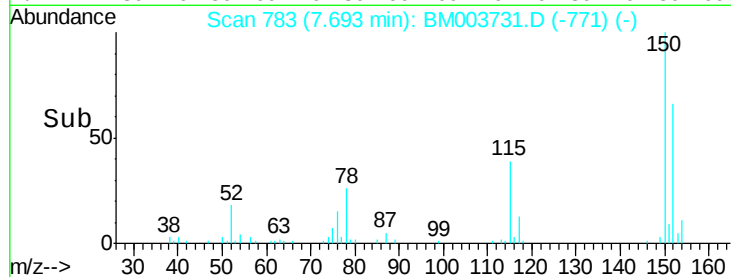
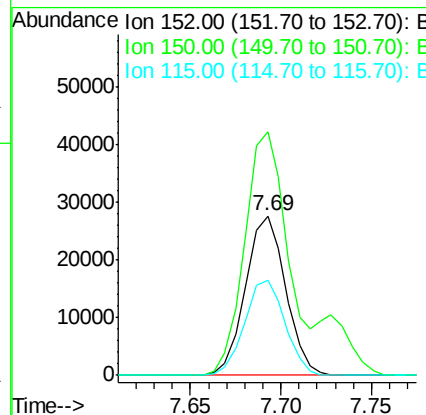
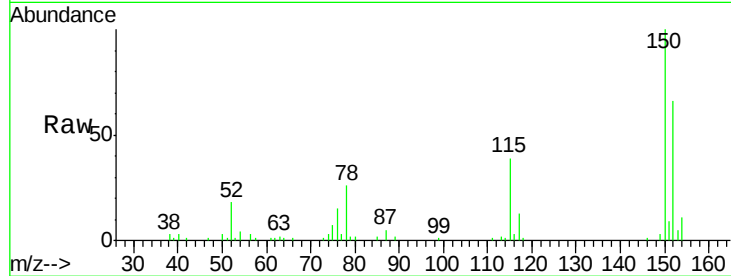
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.5	179.3
115	59.5	43.0	64.4

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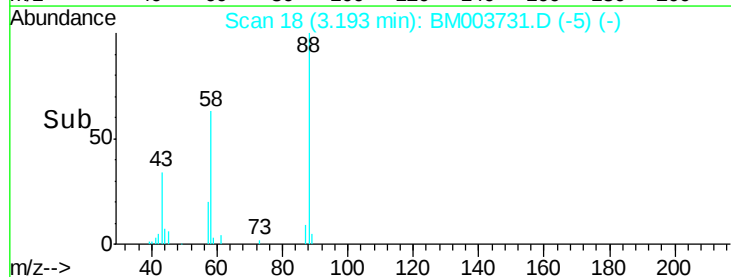
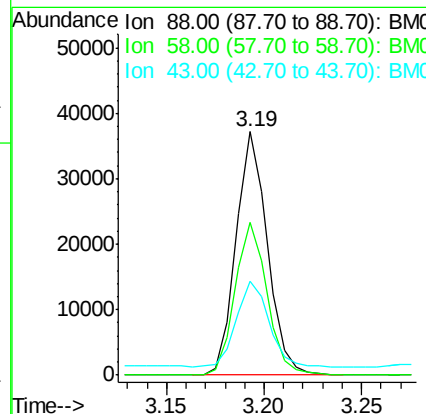
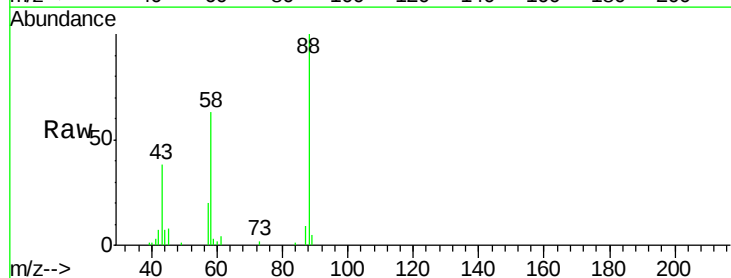
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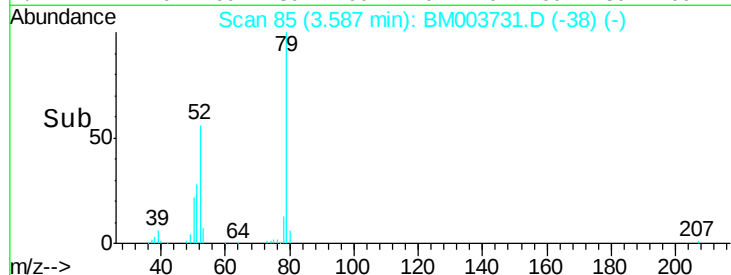
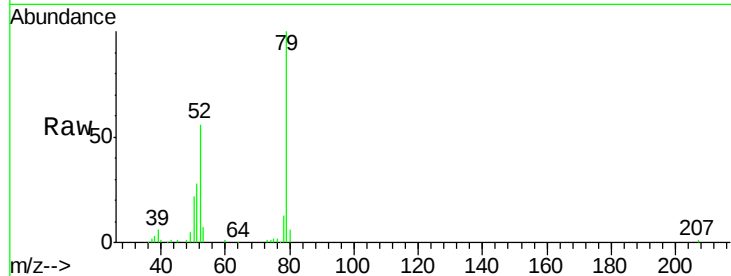
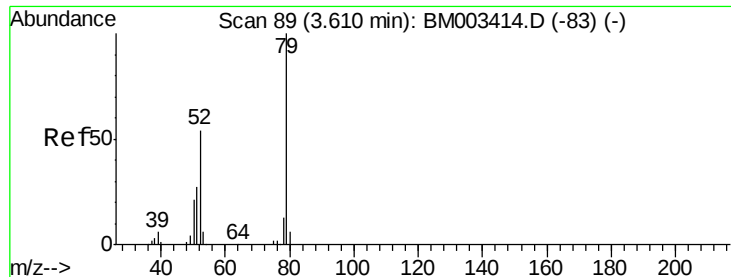


#2

1,4-Dioxane
Concen: 41.82 ng
RT: 3.19 min Scan# 18
Delta R.T. -0.02 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.0	0.0	0.0#
43	36.5	0.0	0.0#





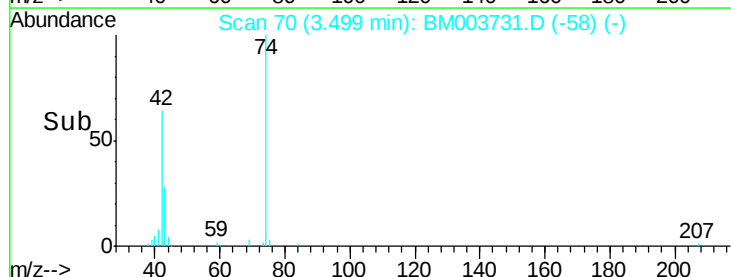
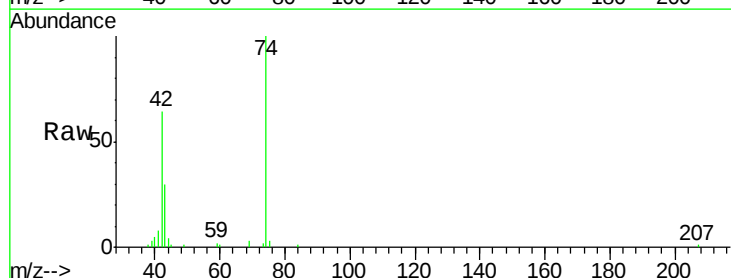
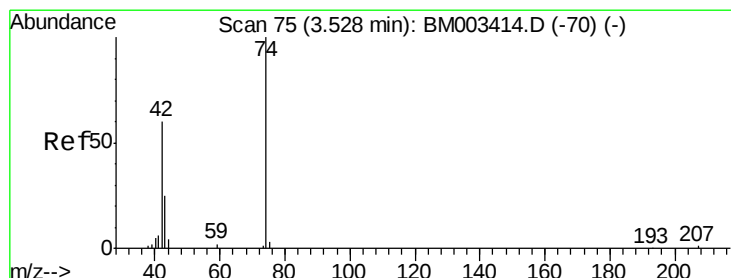
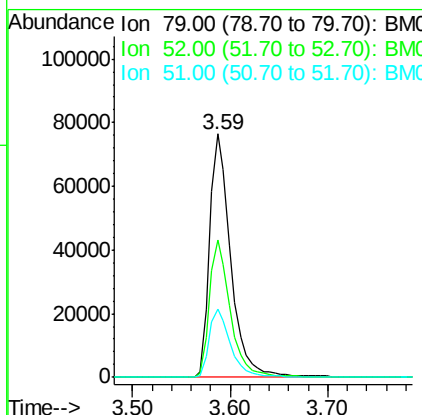
#3
 Pvridine
 Concen: 41.22 ng
 RT: 3.59 min Scan# 85
 Delta R.T. -0.02 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		114438		
52	56.5	51.1	76.7		
51	28.2	26.1	39.1		

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01MSD

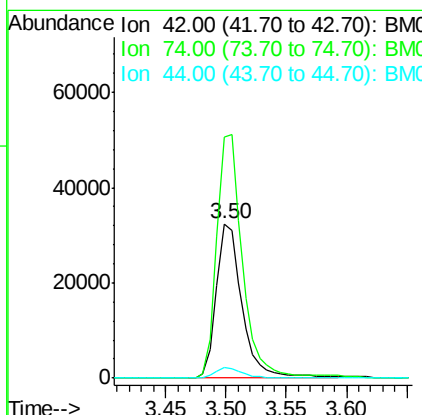
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#4
 n-Nitrosodimethylamine
 Concen: 53.73 ng
 RT: 3.50 min Scan# 70
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		47766		
74	156.2	119.3	178.9		
44	6.8	5.4	8.2		





#5

2-Fluorophenol

Concen: 128.31 ng

RT: 5.28 min Scan# 373

Delta R.T. -0.02 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Instrument :

BNA_M

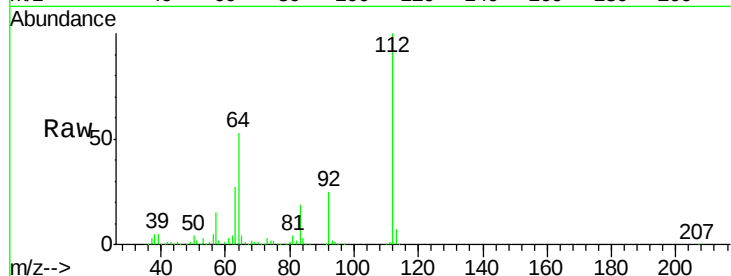
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LTCWC-01MSD

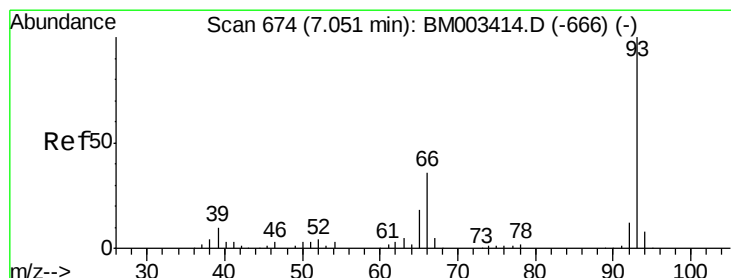
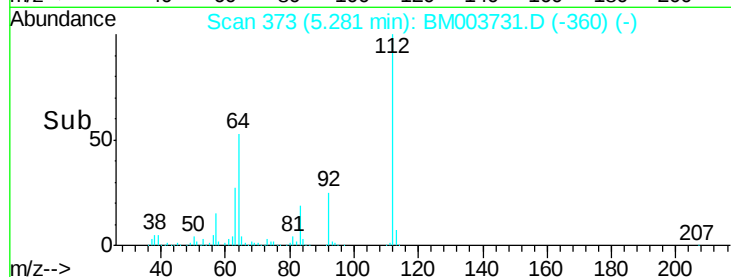
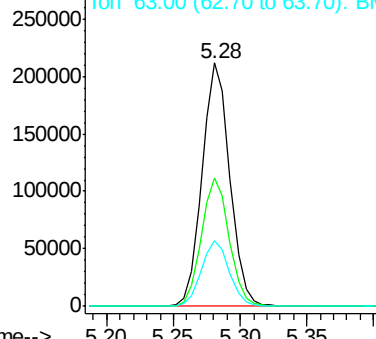
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		306497		
64	52.9	38.6	57.8		
63	26.9	19.3	28.9		

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Abundance Ion 112.00 (111.70 to 112.70): B



#6

Aniline

Concen: 27.89 ng

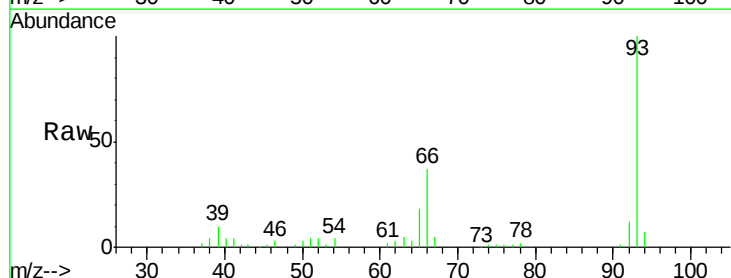
RT: 7.02 min Scan# 669

Delta R.T. -0.03 min

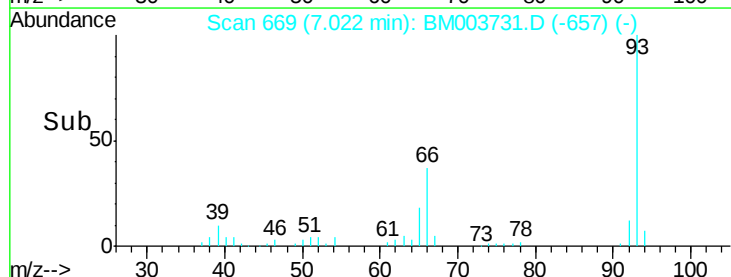
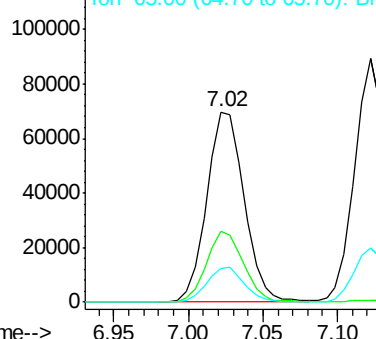
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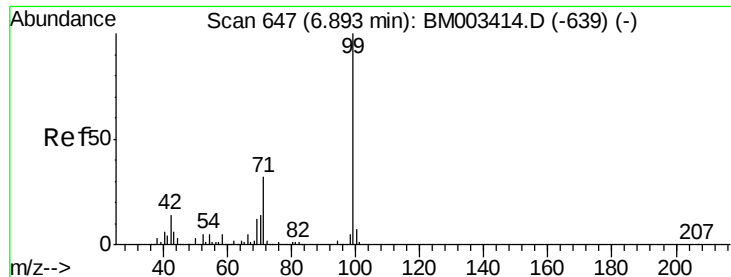
Acq: 23 Dec 2015 05:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		121788		
66	37.1	30.8	46.2		
65	18.0	16.0	24.0		



Abundance Ion 93.00 (92.70 to 93.70): B





#7

Phenol-d6

Concen: 114.66 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Instrument :

BNA_M

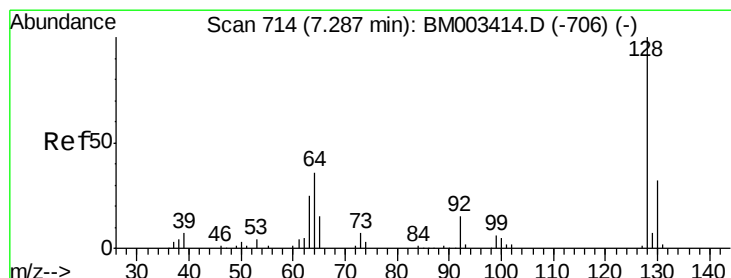
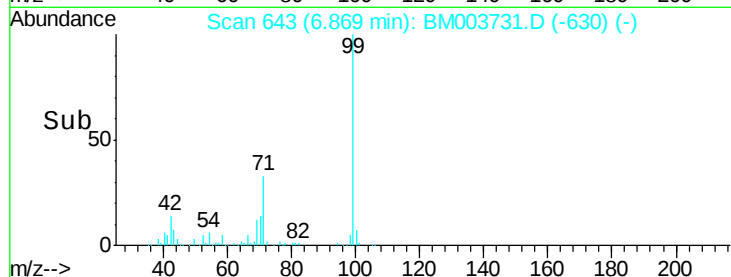
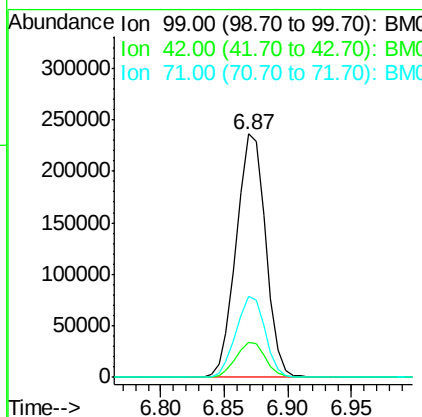
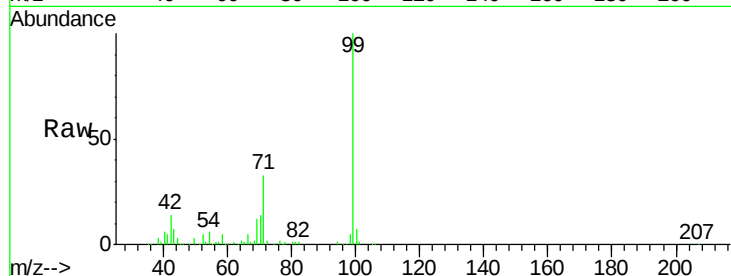
ClientSampleId :

LTCWC-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		380320		
42	14.1	11.0	16.4		
71	33.3	23.4	35.2		

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#8

2-Chlorophenol

Concen: 45.48 ng

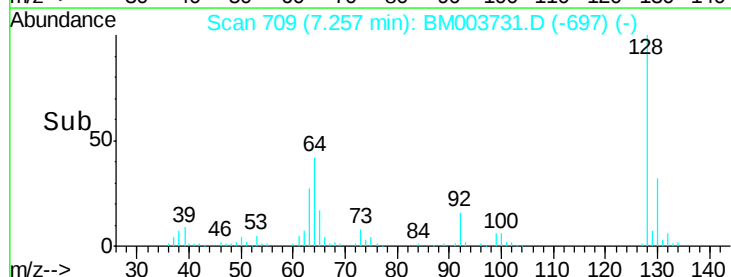
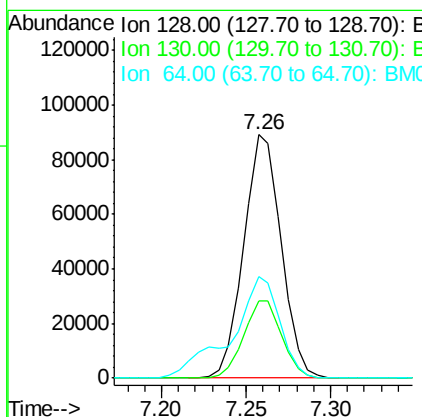
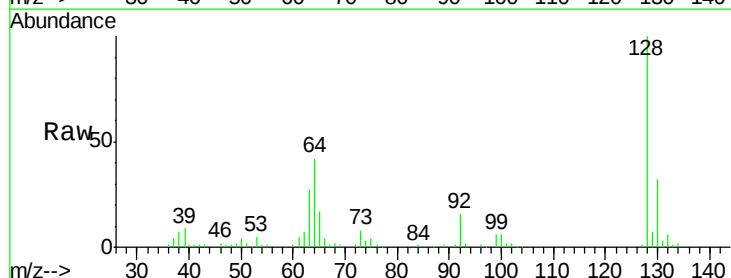
RT: 7.26 min Scan# 709

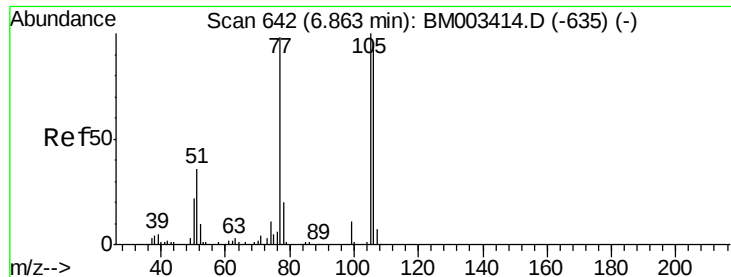
Delta R.T. -0.03 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		137571		
130	32.0	12.0	52.0		
64	41.6	24.9	64.9		





#9

Benzaldehyde

Concen: 21.42 ng

RT: 6.83 min Scan# 637

Delta R.T. -0.03 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Instrument :

BNA_M

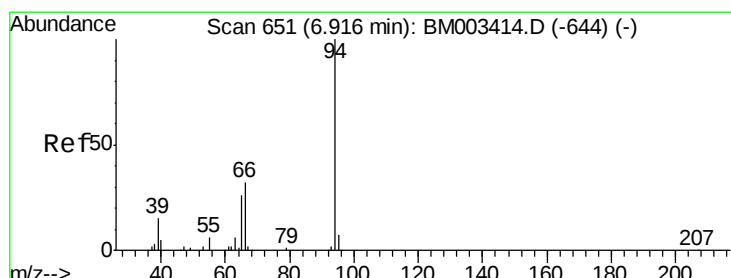
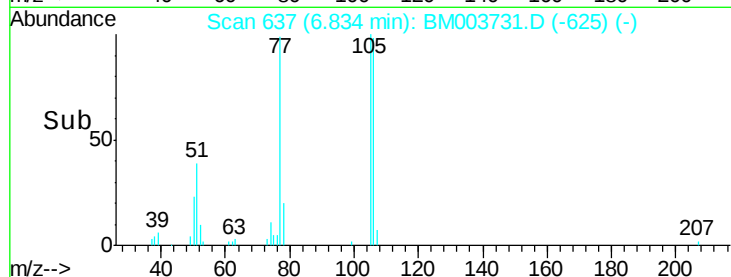
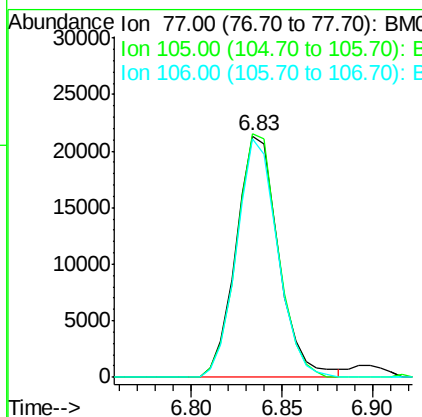
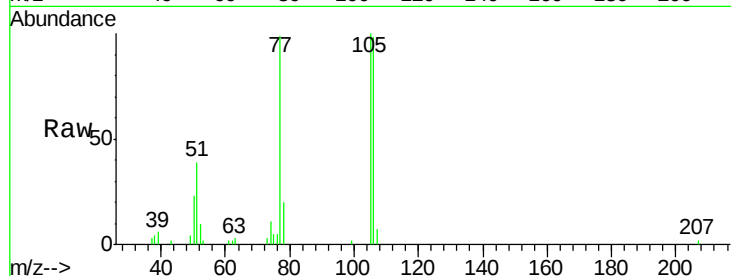
ClientSampleId :

LTCWC-01MSD

Tot Ion:	77	Resp:	34832
Ion Ratio	Lower	Upper	
77	100		
105	100.9	78.8	118.8
106	98.7	73.7	113.7

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#10

Phenol

Concen: 39.89 ng

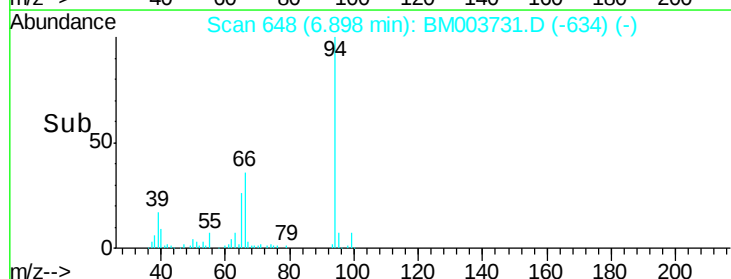
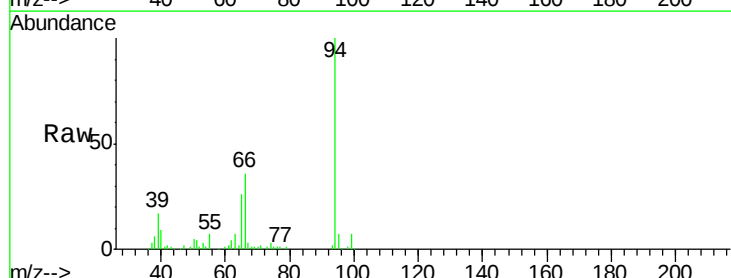
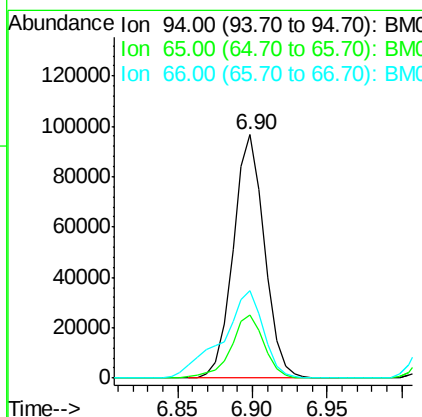
RT: 6.90 min Scan# 648

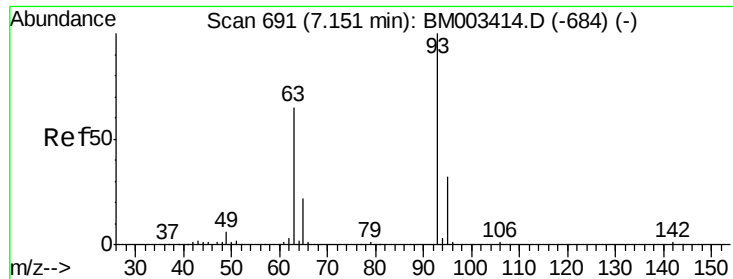
Delta R.T. -0.02 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Tgt Ion:	94	Resp:	140385
Ion Ratio	Lower	Upper	
94	100		
65	26.0	18.8	58.8
66	35.7	39.9	79.9#





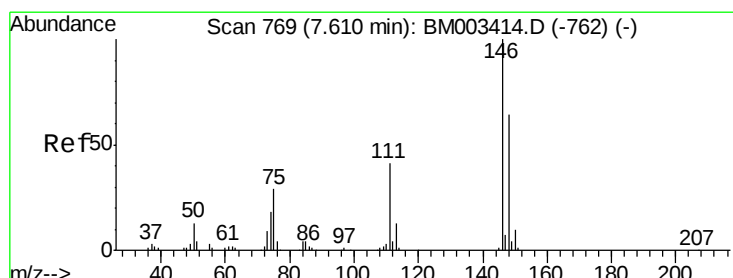
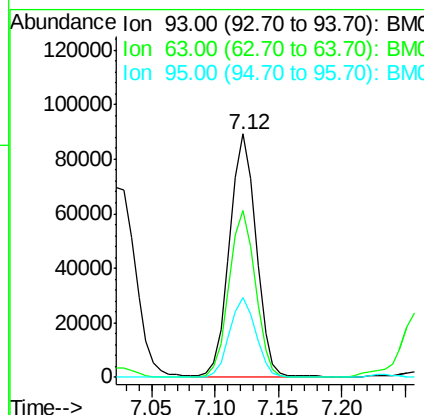
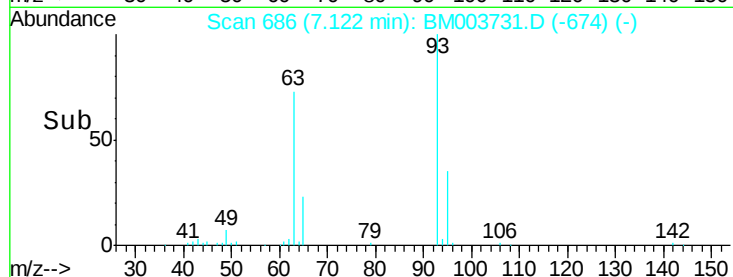
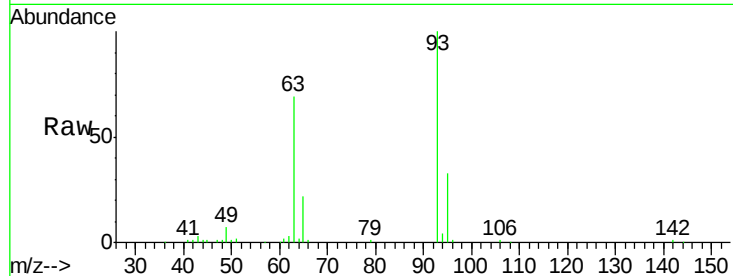
#11
bis(2-Chloroethyl)ether
Concen: 45.85 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

Tot Ion:	93	Resp:	130560
Ion Ratio	Lower	Upper	
93	100		
63	68.6	49.5	89.5
95	32.7	13.5	53.5

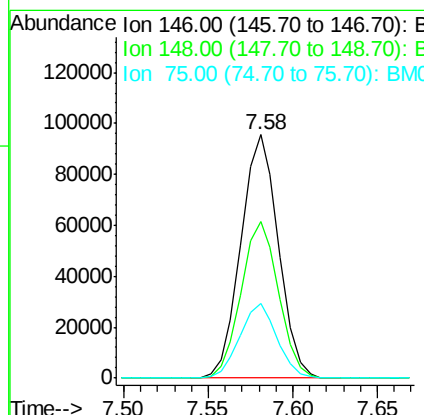
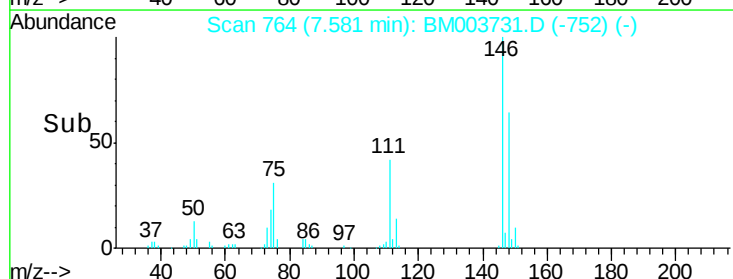
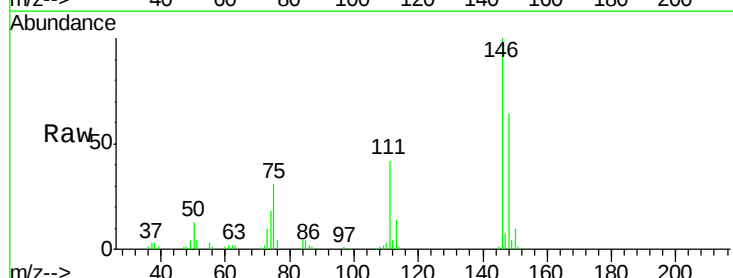
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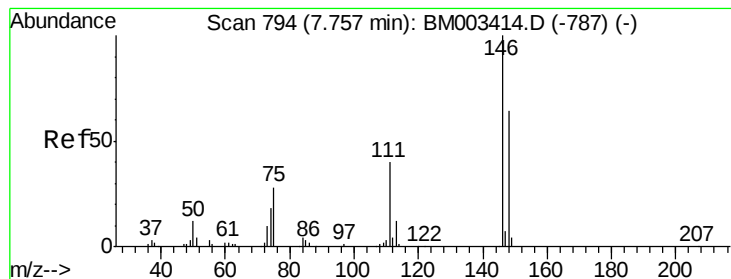
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#12
1,3-Dichlorobenzene
Concen: 44.40 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion:	146	Resp:	147528
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.9	76.3
75	30.9	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 44.28 ng

RT: 7.73 min Scan# 789

Delta R.T. -0.03 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Instrument :

BNA_M

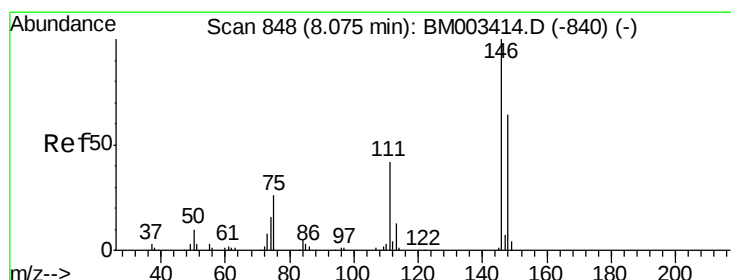
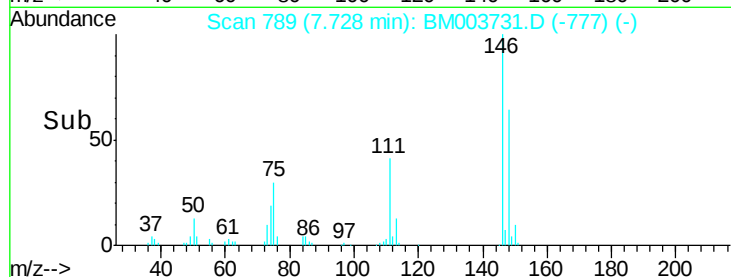
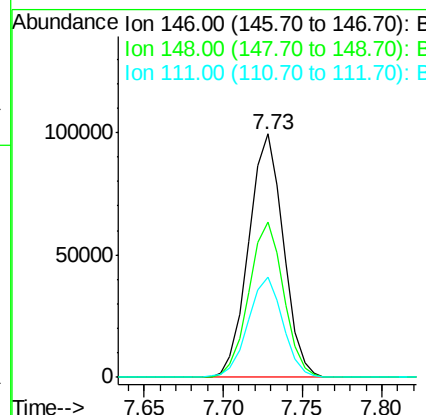
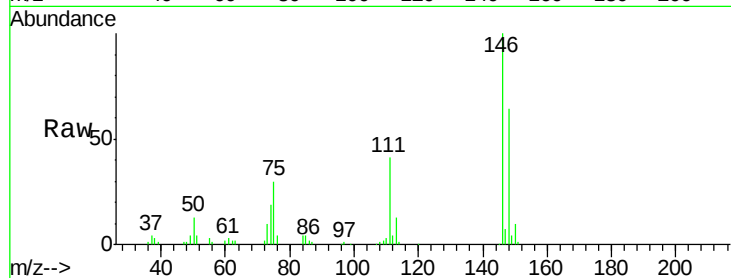
ClientSampleId :

LTCWC-01MSD

Tot Ion:	146	Resp:	151723
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.9	77.9
111	41.0	29.2	43.8

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#14

1,2-Dichlorobenzene

Concen: 44.83 ng

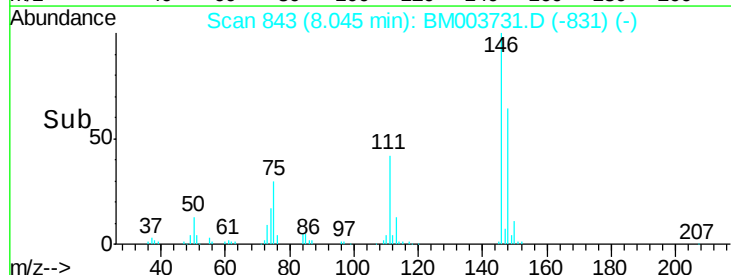
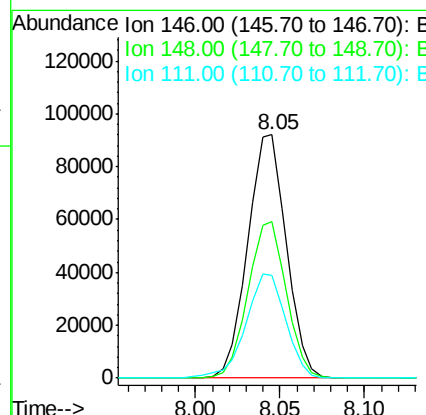
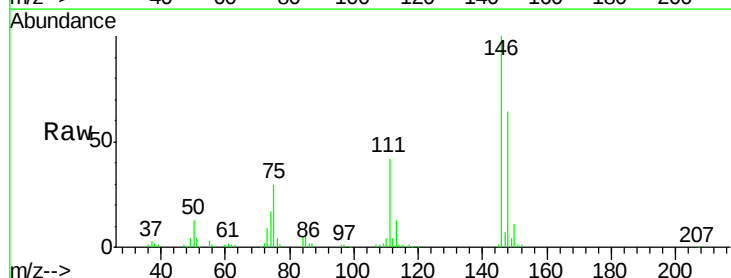
RT: 8.05 min Scan# 843

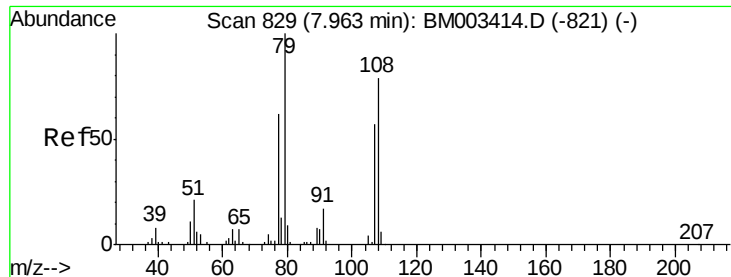
Delta R.T. -0.03 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Tgt Ion:	146	Resp:	146653
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.3	78.5
111	42.1	30.6	45.8





#15

Benzyl Alcohol

Concen: 51.25 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Instrument :

BNA_M

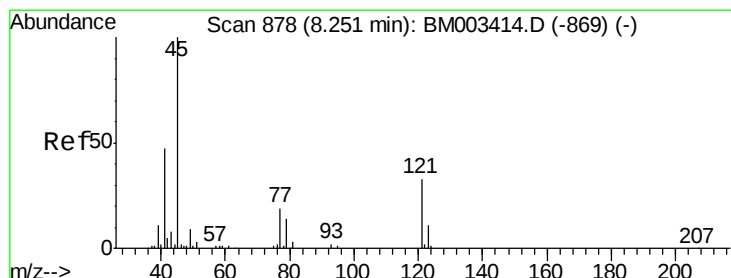
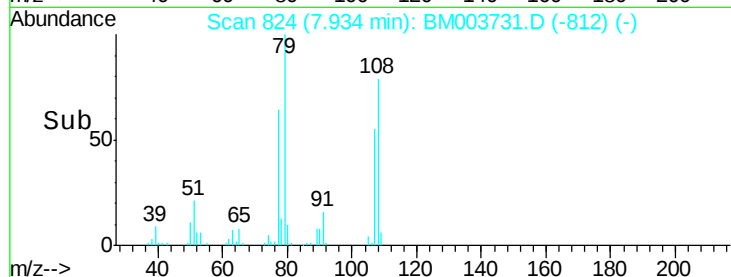
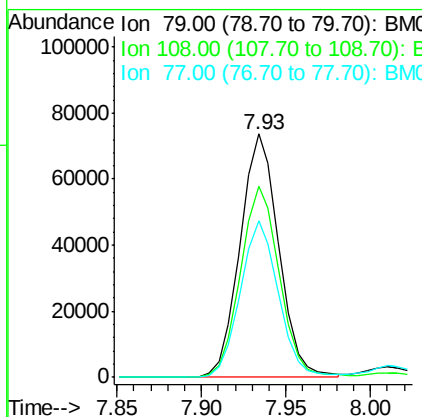
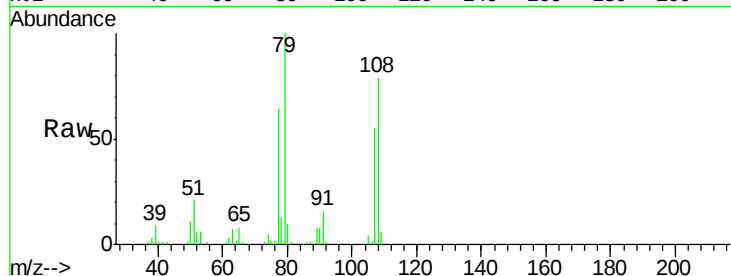
ClientSampleId :

LTCWC-01MSD

Tot Ion:	79	Resp:	117634
Ion Ratio	Lower	Upper	
79	100		
108	78.6	65.0	97.4
77	64.5	53.0	79.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.57 ng

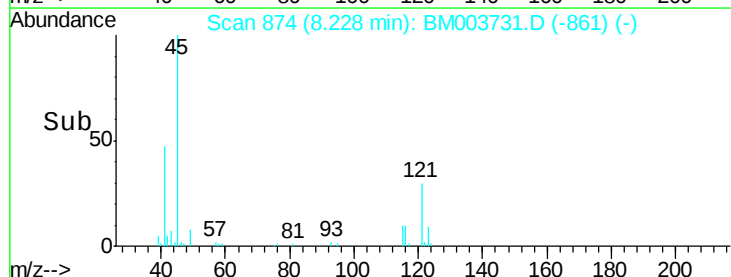
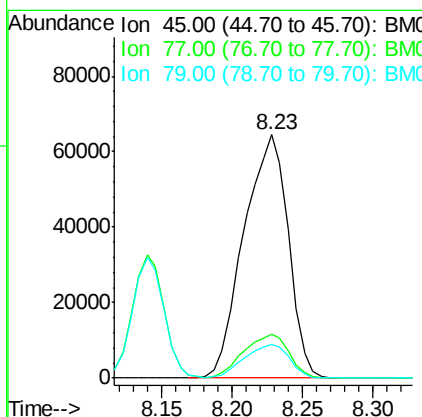
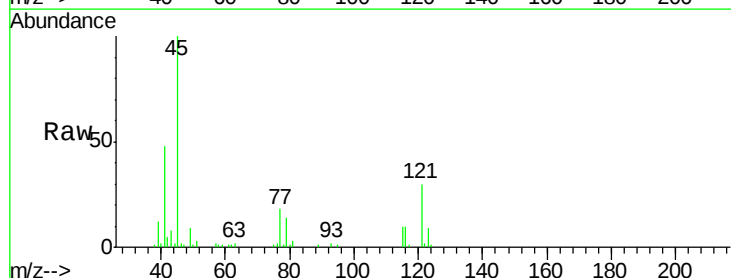
RT: 8.23 min Scan# 874

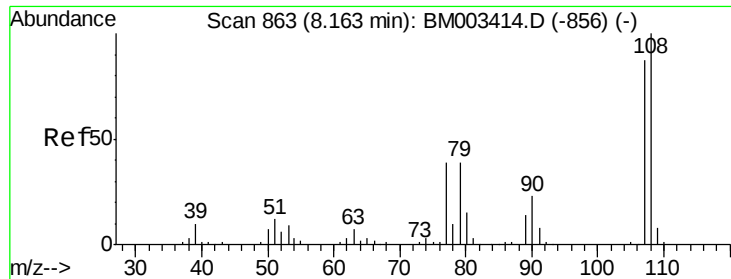
Delta R.T. -0.02 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Tgt Ion:	45	Resp:	141649
Ion Ratio	Lower	Upper	
45	100		
77	18.3	0.0	35.2
79	13.8	0.0	32.0





#17

2-Methylphenol

Concen: 45.86 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Instrument :

BNA_M

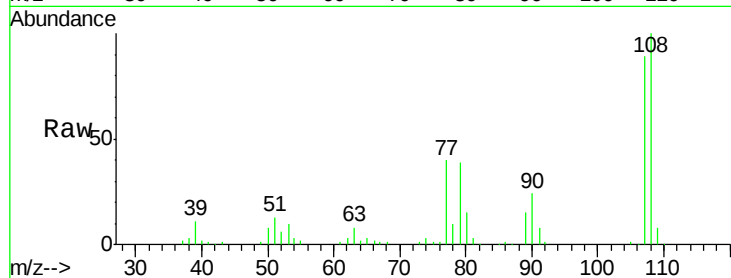
ClientSampleId :

LTCWC-01MSD

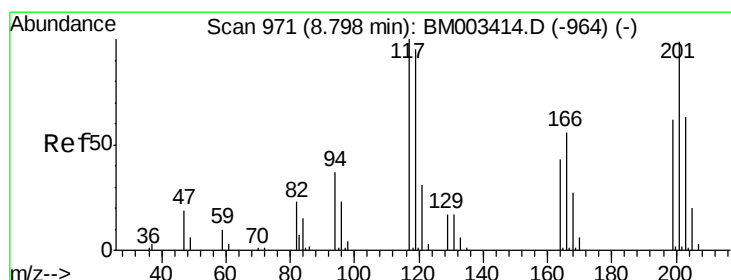
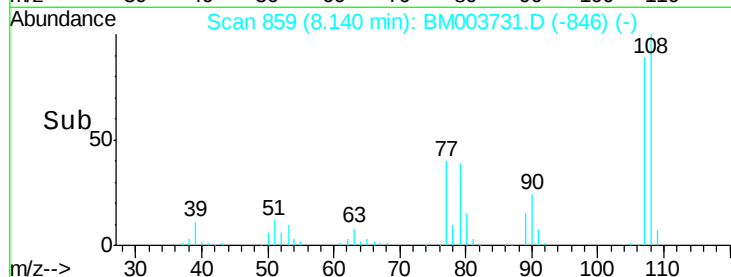
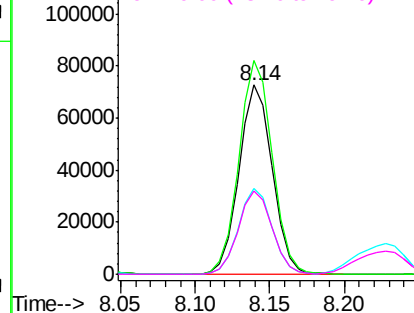
Tot Ion:	107	Resp:	112853
Ion Ratio	Lower	Upper	
107	100		
108	112.9	89.8	134.8
77	45.1	32.6	48.8
79	44.3	32.8	49.2

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 45.84 ng

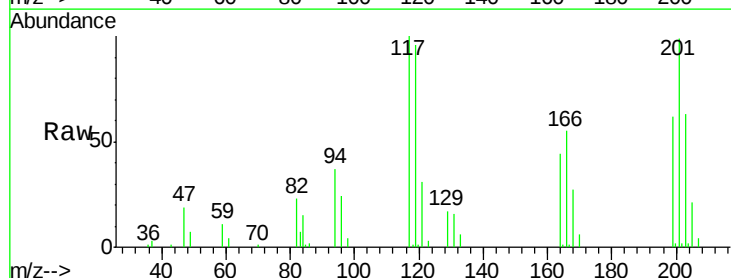
RT: 8.76 min Scan# 965

Delta R.T. -0.04 min

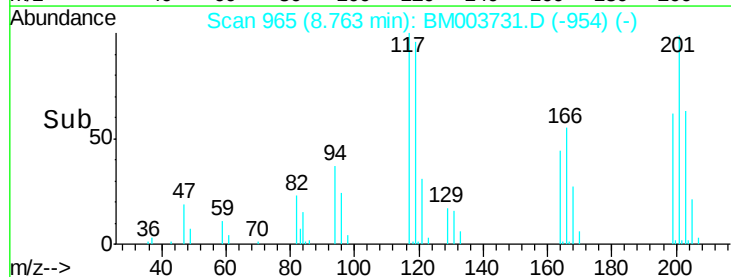
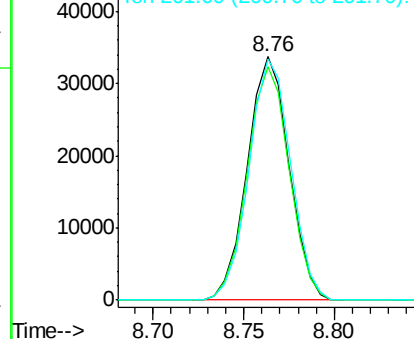
Lab File: BM003731.D

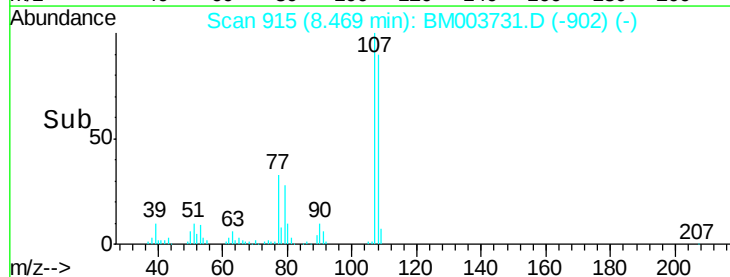
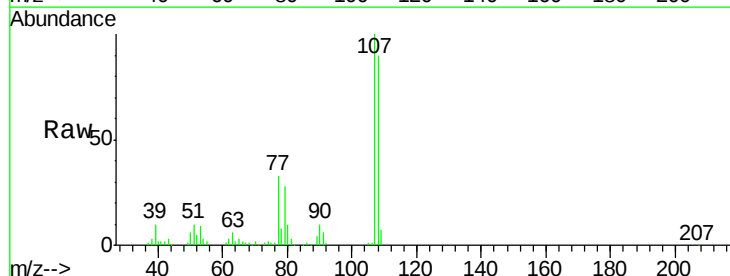
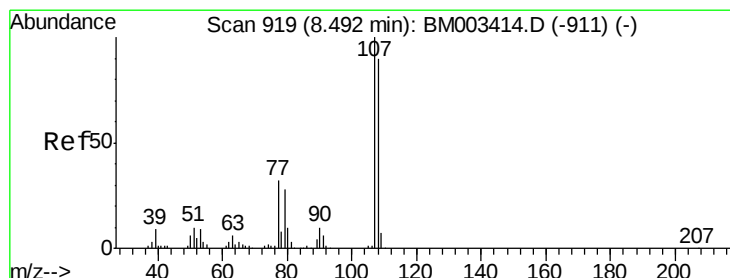
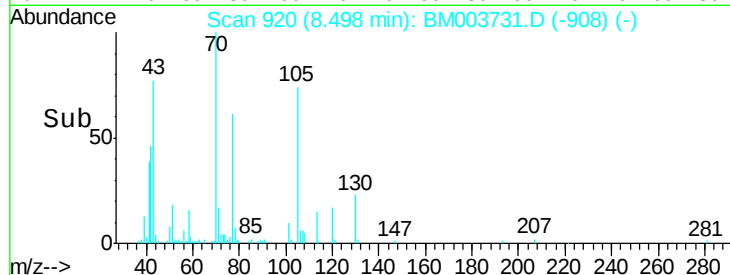
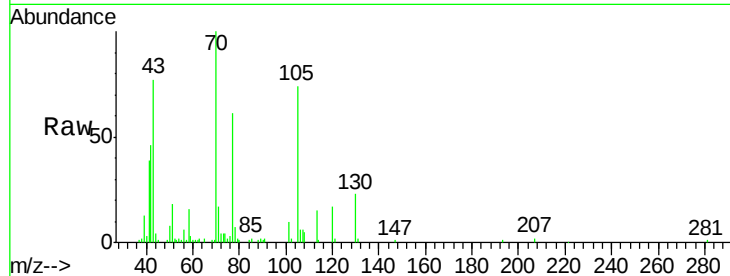
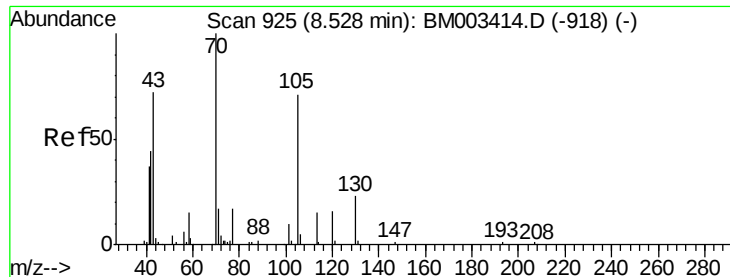
Acq: 23 Dec 2015 05:07

Tgt Ion:	117	Resp:	53966
Ion Ratio	Lower	Upper	
117	100		
119	95.7	79.2	118.8
201	98.8	69.8	104.6



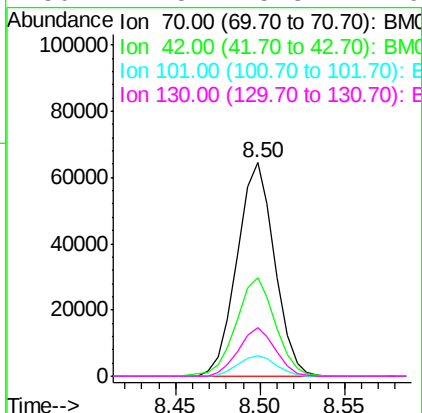
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 45.81 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.3	44.5	66.7	
101	9.7	7.4	11.2	
130	22.8	15.3	22.9	



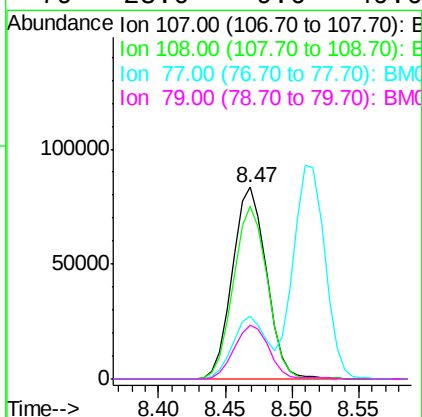
Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

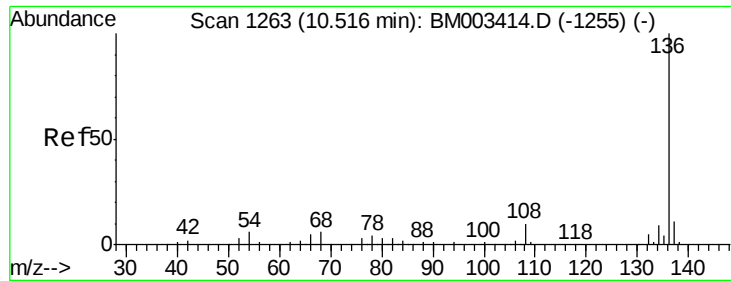
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#20
3+4-Methylphenols
Concen: 43.64 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	73.2	113.2	
77	32.9	10.7	50.7	
79	28.0	9.6	49.6	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Instrument :

BNA_M

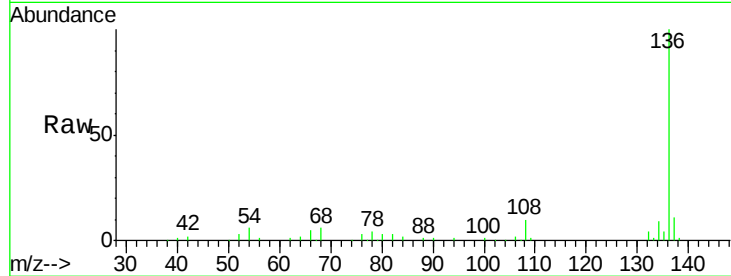
ClientSampleId :

LTCWC-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		169539		
137	10.8		8.7	13.1	
54	6.4		4.6	6.8	
68	6.1		3.7	5.5	

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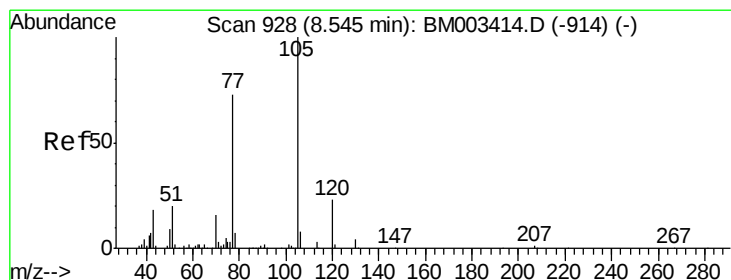
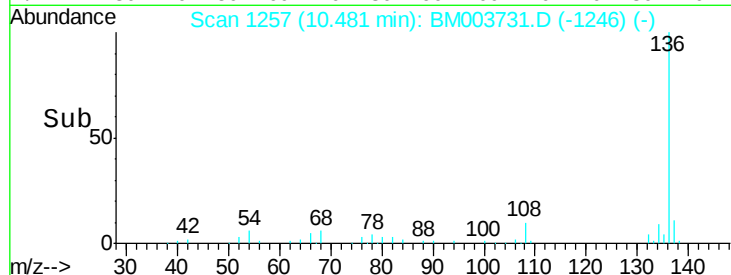
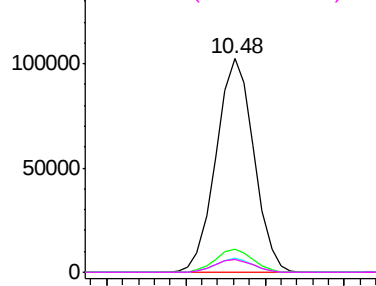
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 49.06 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.04 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		203846		
71	4.0		0.6	1.0	
51	21.0		21.6	32.4	
120	22.7		16.1	24.1	

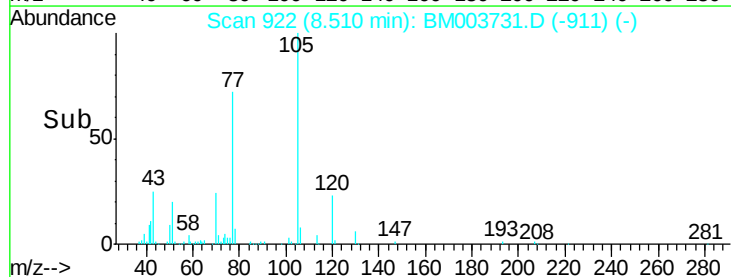
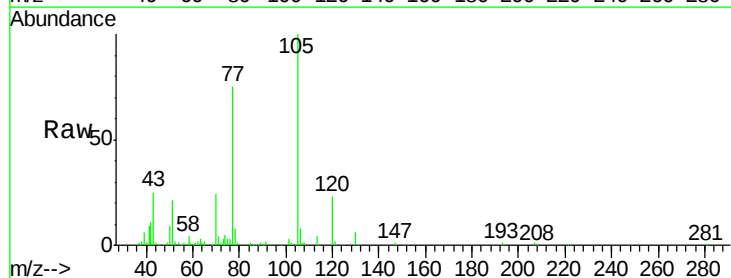
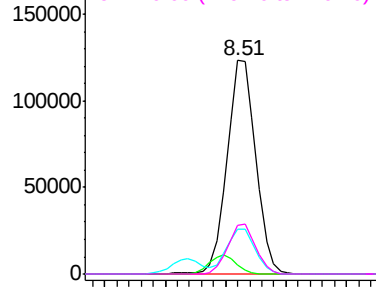
Abundance

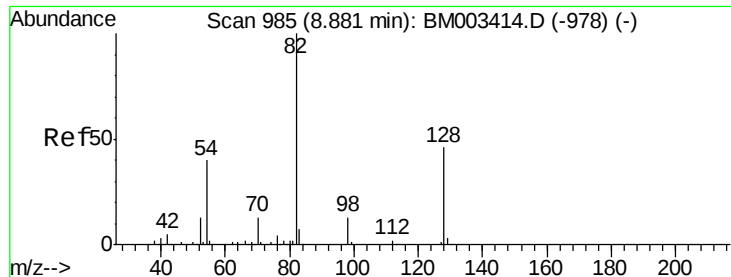
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





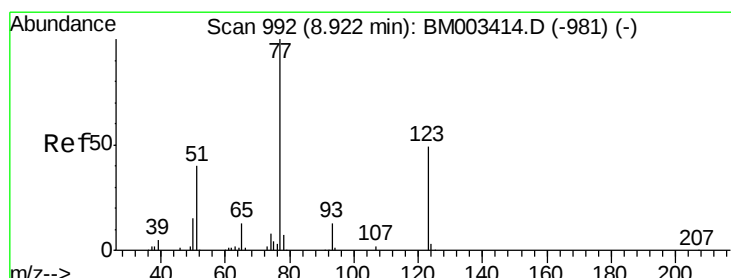
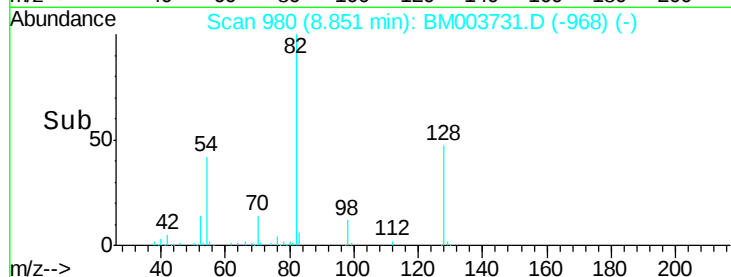
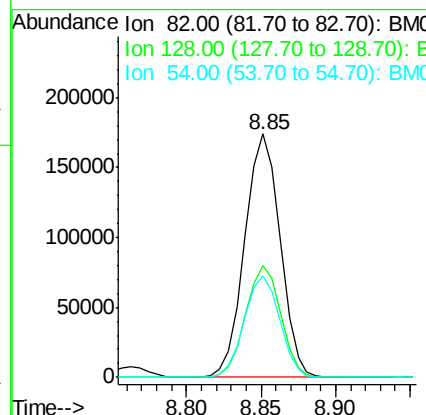
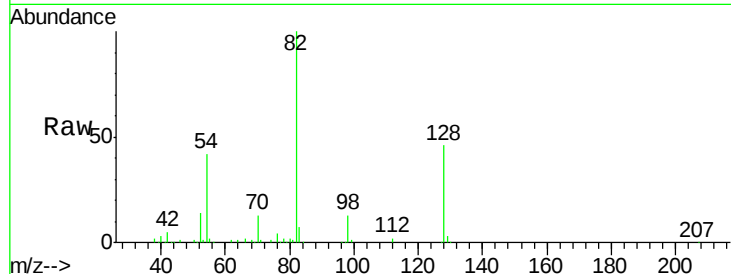
#23
 Nitrobenzene-d5
 Concen: 104.52 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	285788		
128	46.0		32.8	49.2
54	41.6		40.6	60.8

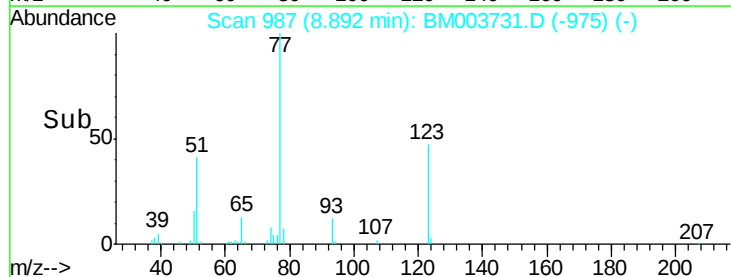
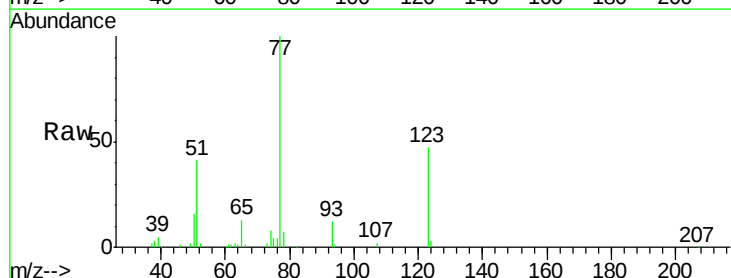
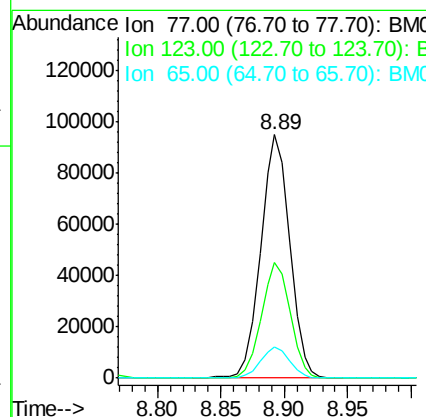
Manual Integrations
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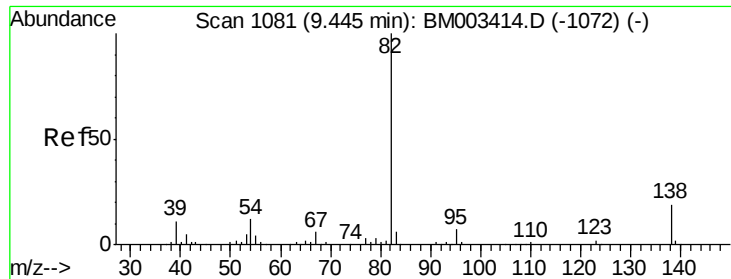
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#24
 Nitrobenzene
 Concen: 51.39 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	151915		
123	47.3		32.6	49.0
65	12.7		10.9	16.3





#25

Isophorone

Concen: 48.78 ng

RT: 9.41 min Scan# 1075

Delta R.T. -0.04 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Instrument :

BNA_M

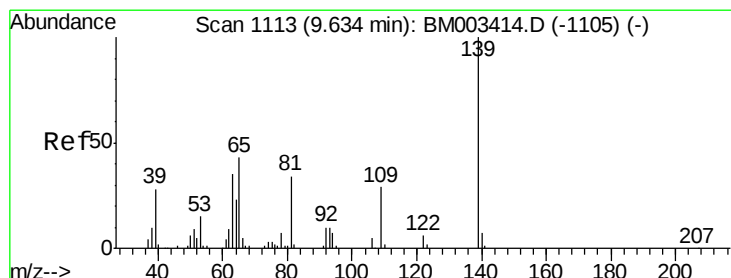
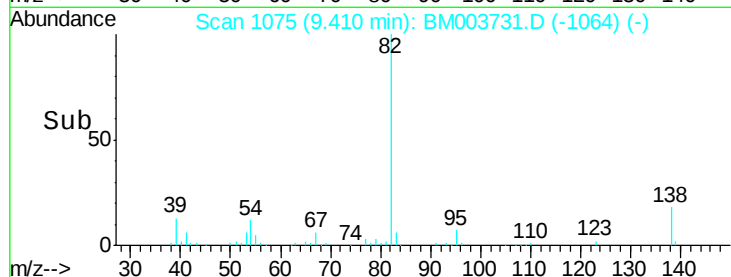
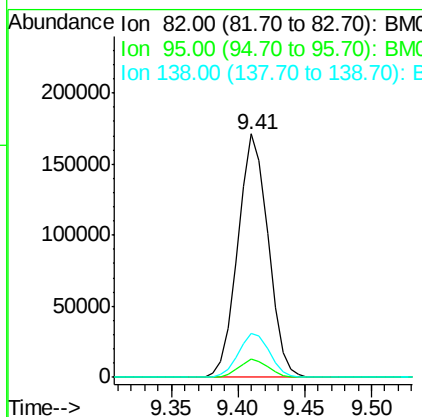
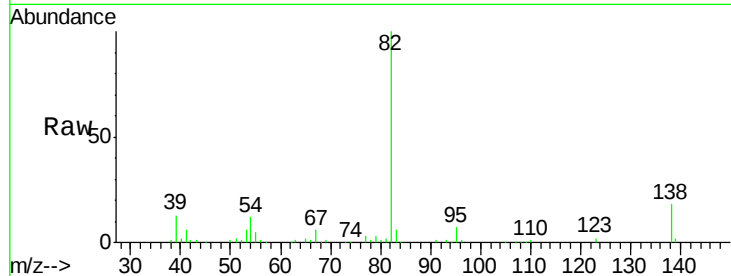
ClientSampleId :

LTCWC-01MSD

Tot Ion:	82	Resp:	269811
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.8	8.6
138	17.9	16.3	24.5

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#26

2-Nitrophenol

Concen: 40.89 ng

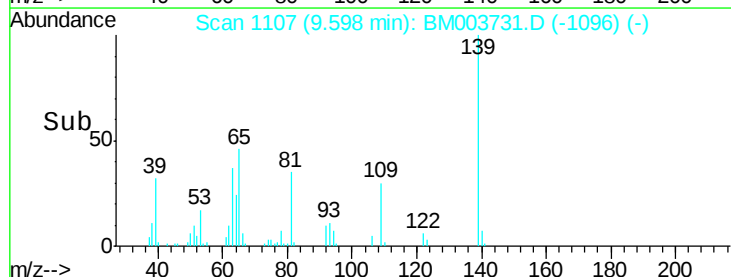
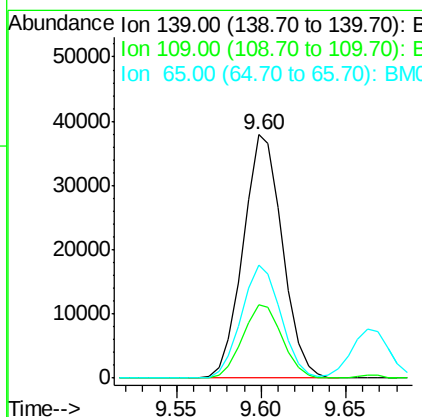
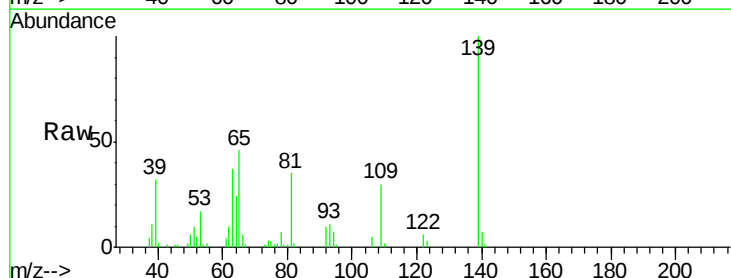
RT: 9.60 min Scan# 1107

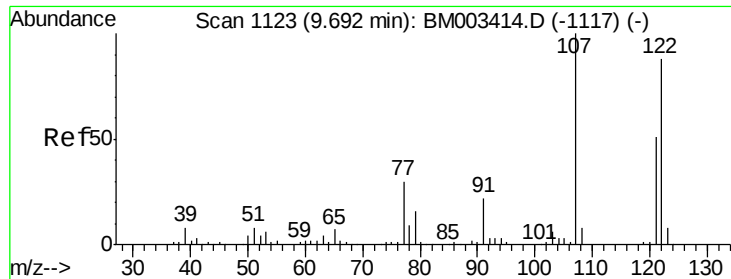
Delta R.T. -0.03 min

Lab File: BM003731.D

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Tgt Ion:	139	Resp:	61137
Ion Ratio		Lower	Upper
139	100		
109	30.4	20.1	30.1#
65	46.2	31.5	47.3





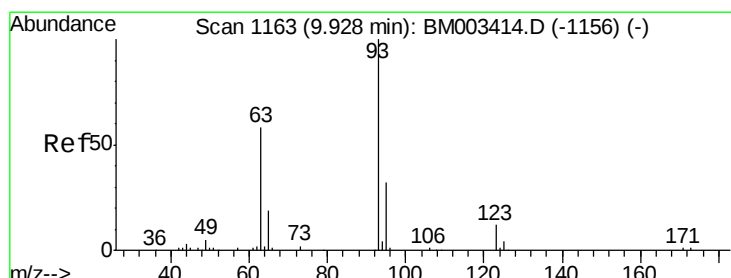
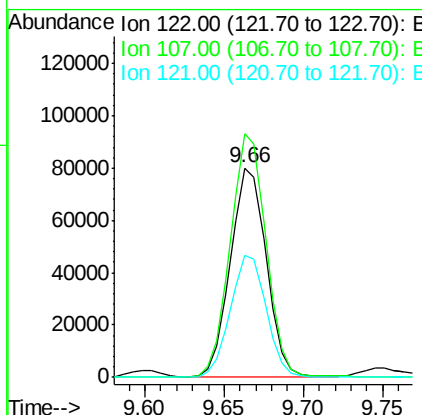
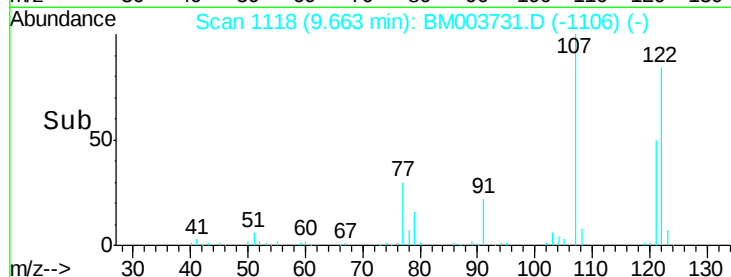
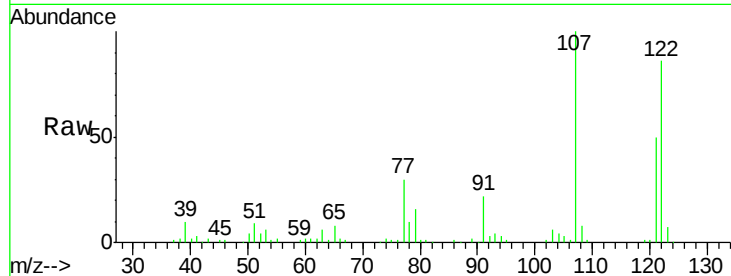
#27
 2,4-Dimethylphenol
 Concen: 48.68 ng
 RT: 9.66 min Scan# 1118
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	126752		
107	116.3	84.7	127.1	
121	58.1	46.6	69.8	

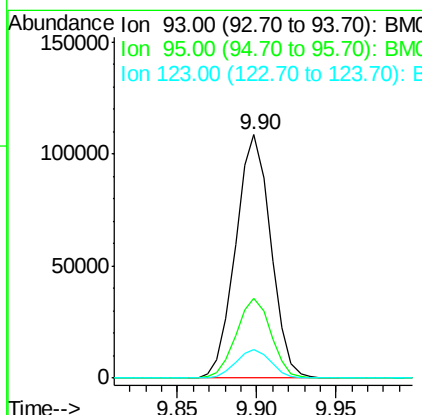
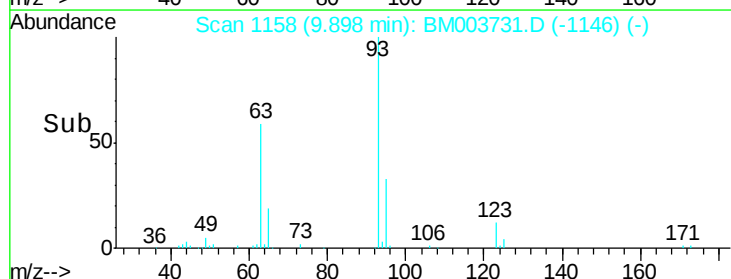
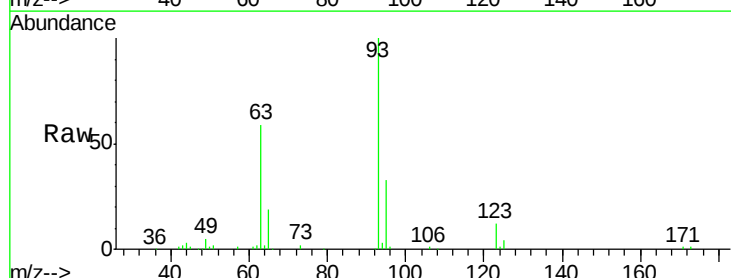
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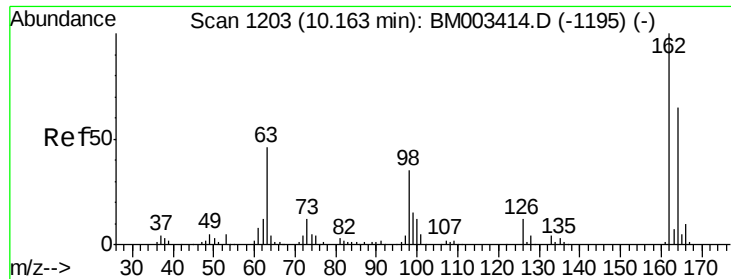
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#28
 bis(2-Chloroethoxy)methane
 Concen: 50.32 ng
 RT: 9.90 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	167213		
95	32.6	25.5	38.3	
123	11.9	8.6	13.0	





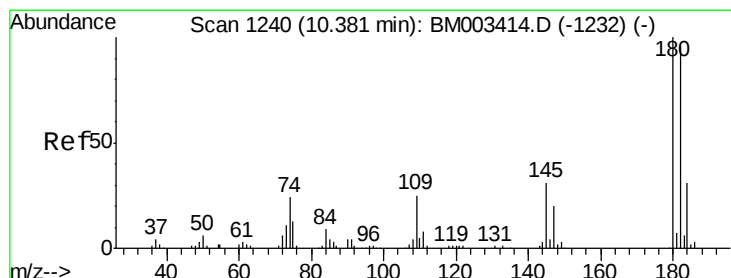
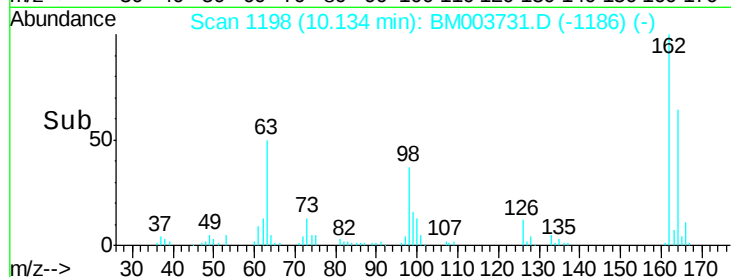
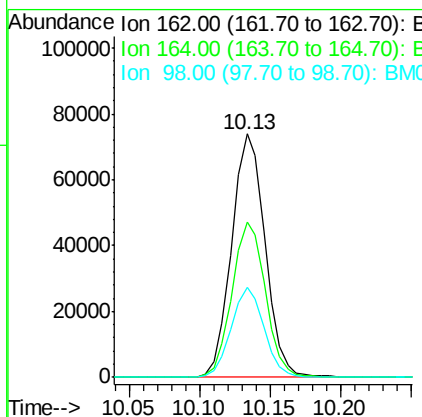
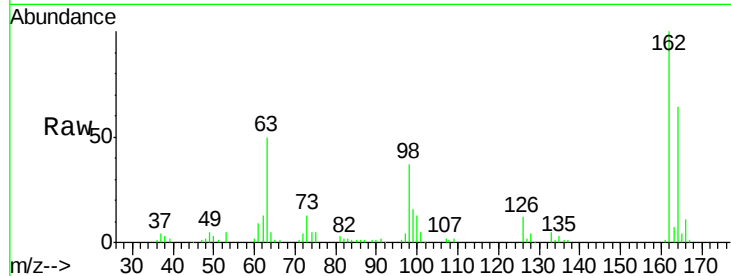
#29
2,4-Dichlorophenol
Concen: 49.30 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.0	42.8	82.8
98	36.7	14.5	54.5

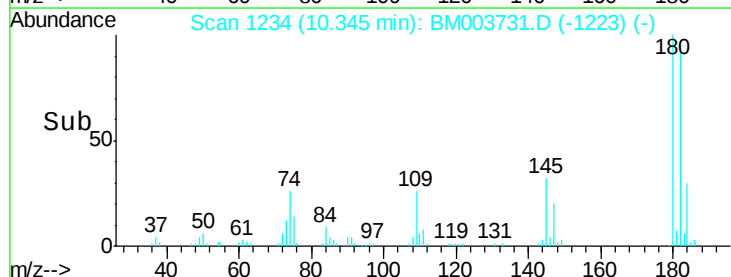
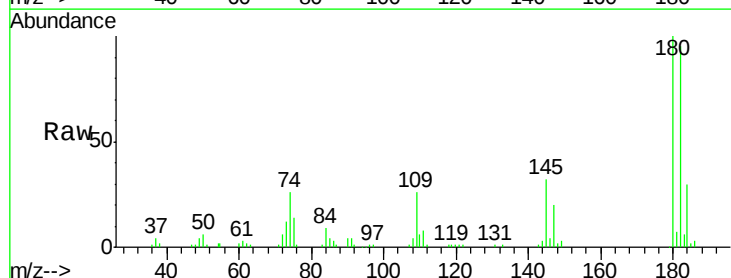
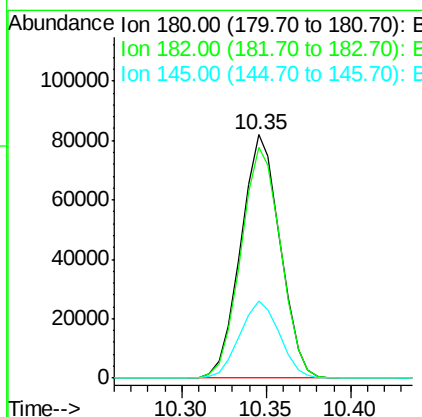
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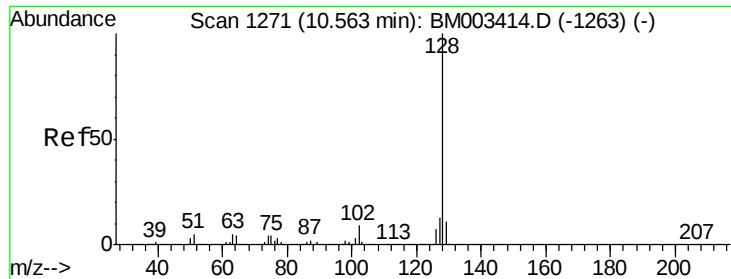
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#30
1,2,4-Trichlorobenzene
Concen: 47.93 ng
RT: 10.35 min Scan# 1234
Delta R.T. -0.04 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.7	77.6	116.4
145	31.8	23.4	35.2





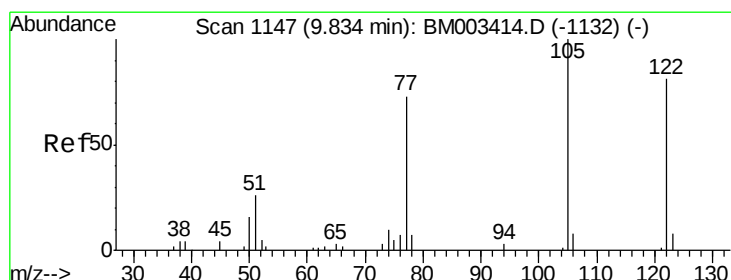
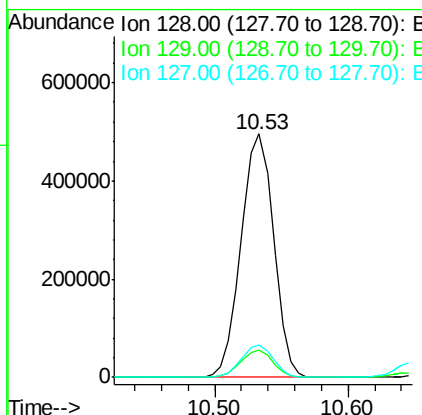
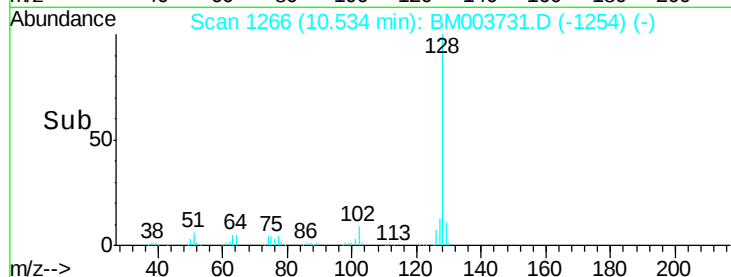
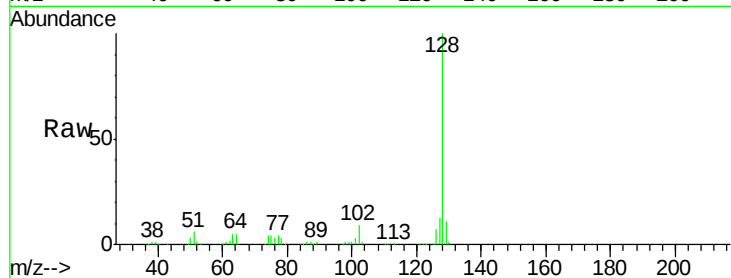
#31
Naphthalene
Concen: 94.40 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.4	15.6

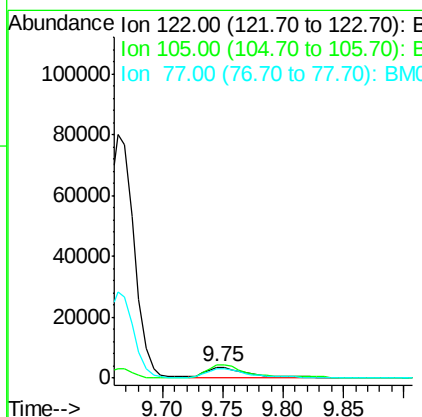
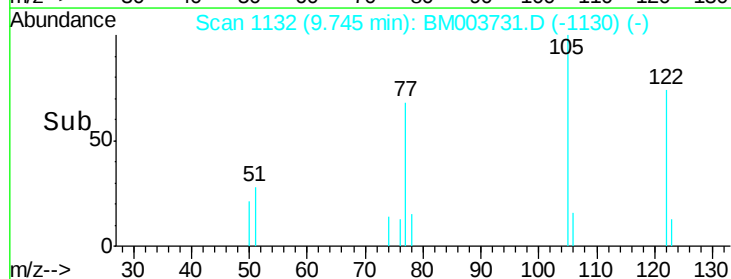
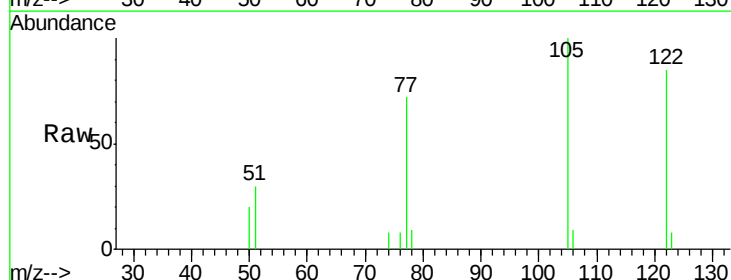
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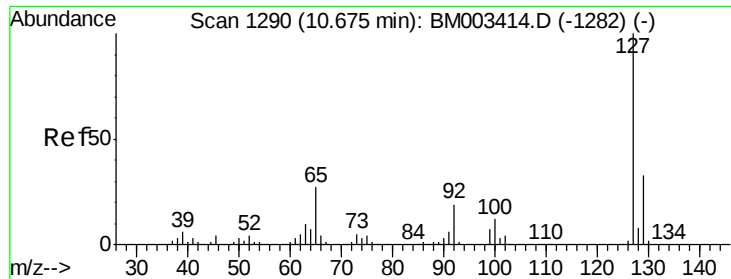
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#32
Benzoic acid
Concen: 2.21 ng
RT: 9.75 min Scan# 1132
Delta R.T. -0.09 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.2	99.9	139.9
77	84.8	73.7	113.7





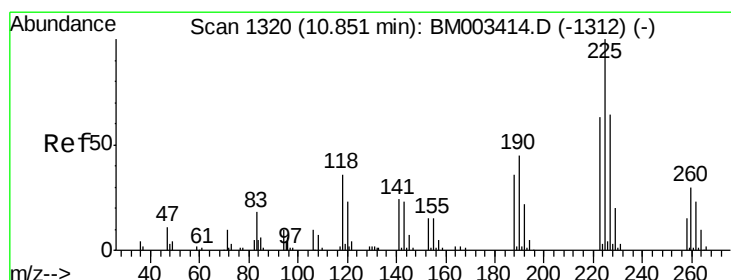
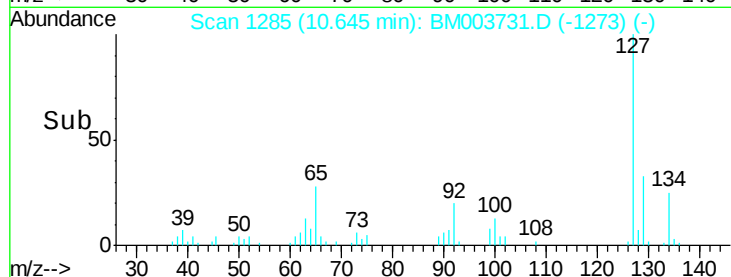
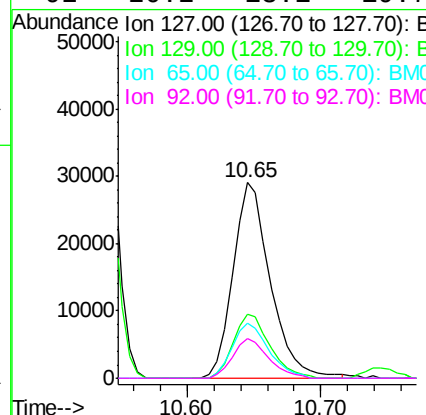
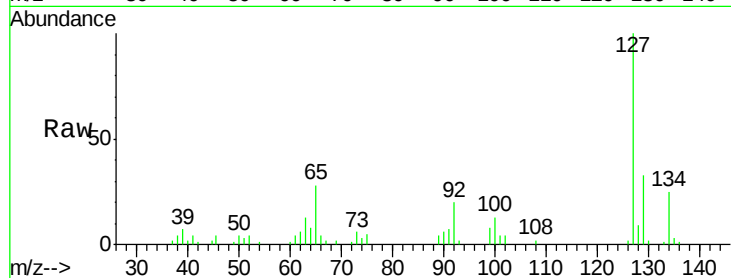
#33
4-Chloroaniline
Concen: 15.44 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.3	37.9
65	28.4	17.6	26.4
92	20.2	13.1	19.7

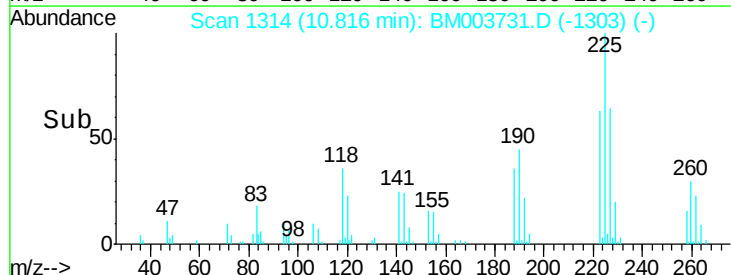
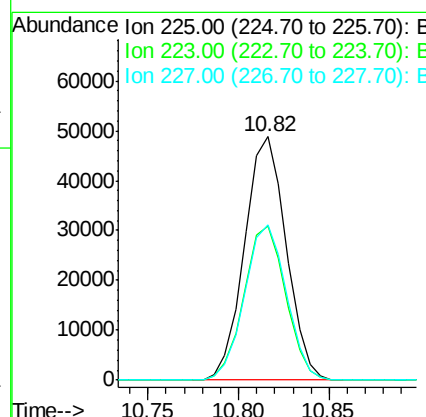
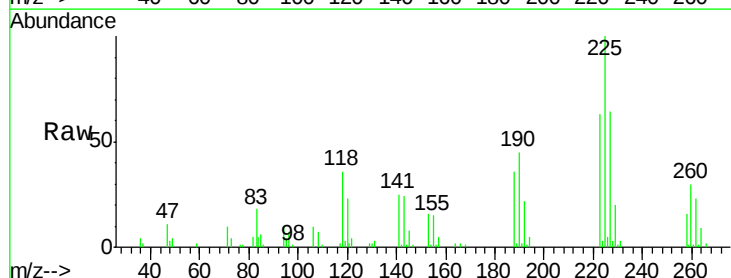
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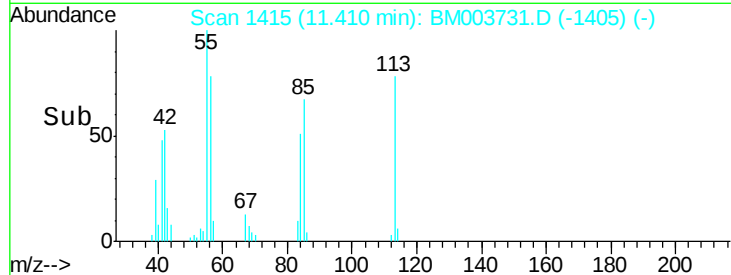
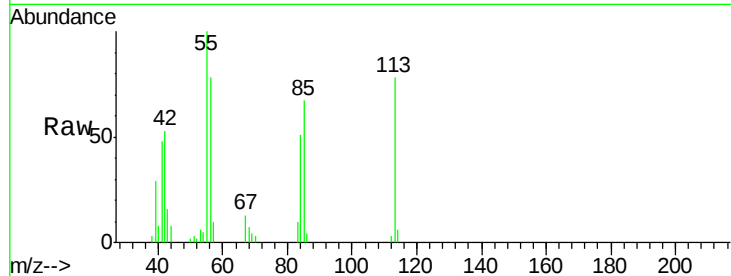
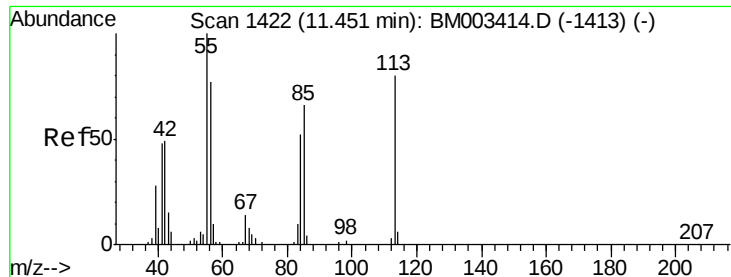
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#34
Hexachlorobutadiene
Concen: 47.46 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.04 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	47.9	71.9
227	63.8	50.1	75.1





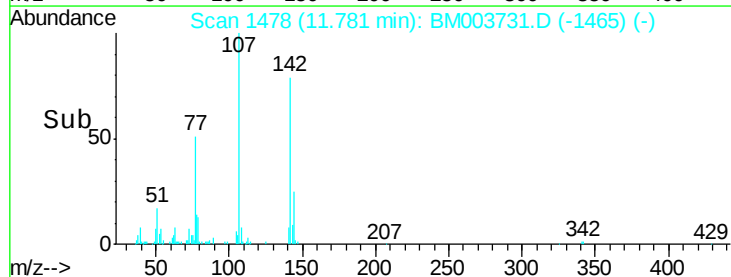
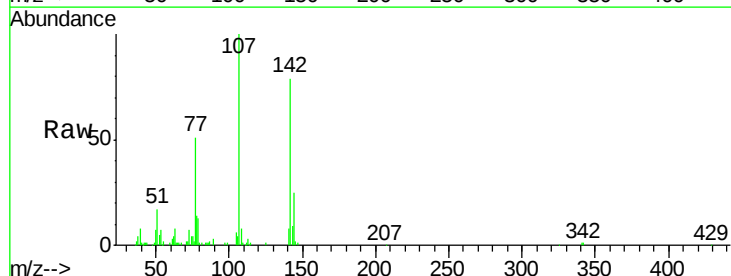
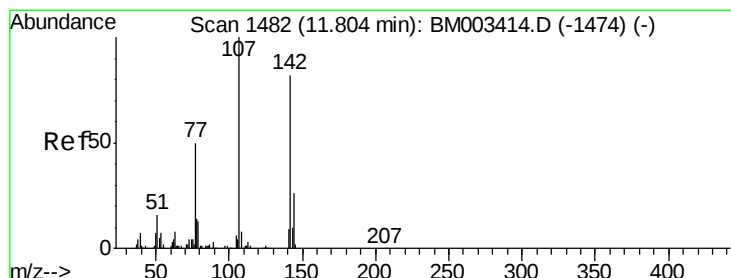
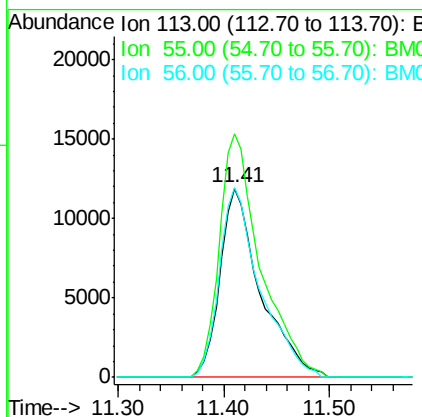
#35
Caprolactam
Concen: 38.72 ng/ml
RT: 11.41 min Scan# 1415
Delta R.T. -0.04 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tot Ion	Ratio	Lower	Upper
113	100		
55	129.0	145.9	185.9#
56	100.6	101.0	141.0#

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

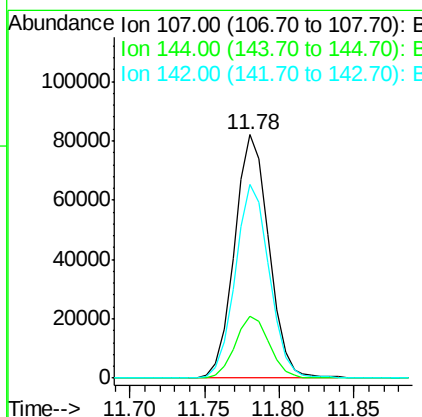
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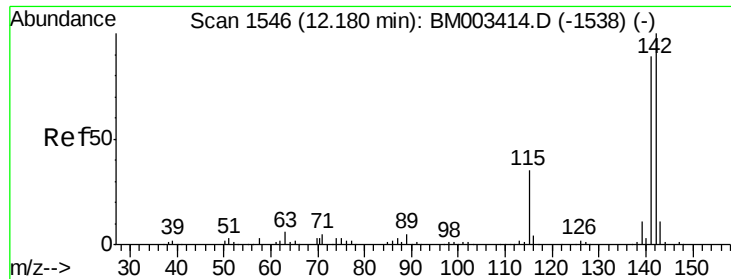
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#36
4-Chloro-3-methylphenol
Concen: 46.99 ng
RT: 11.78 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	23.3	34.9
142	79.5	72.6	109.0





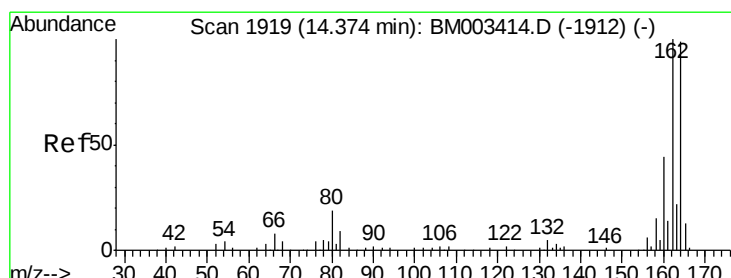
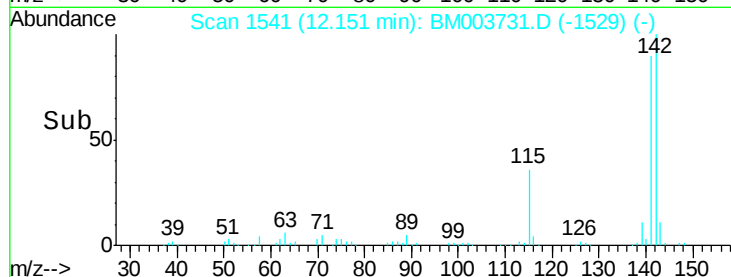
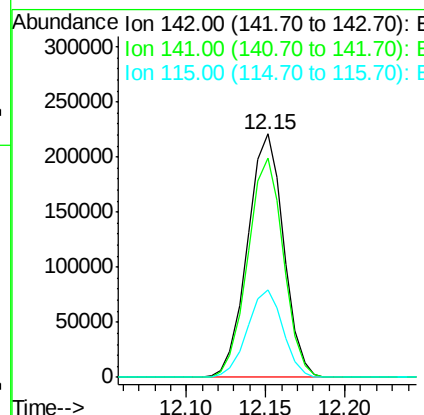
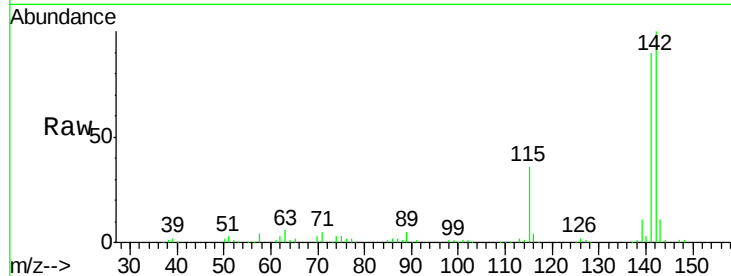
#37
2-Methylnaphthalene
Concen: 57.52 ng
RT: 12.15 min Scan# 1541
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9
115	35.7	25.4	38.0

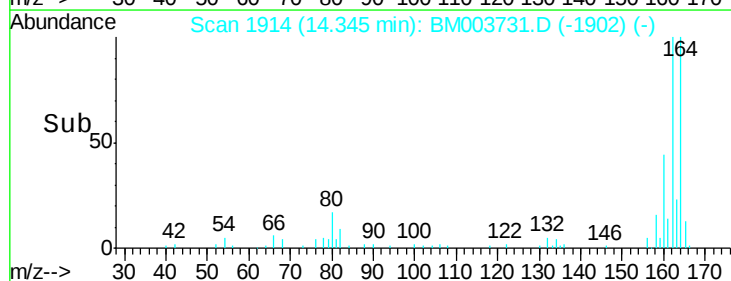
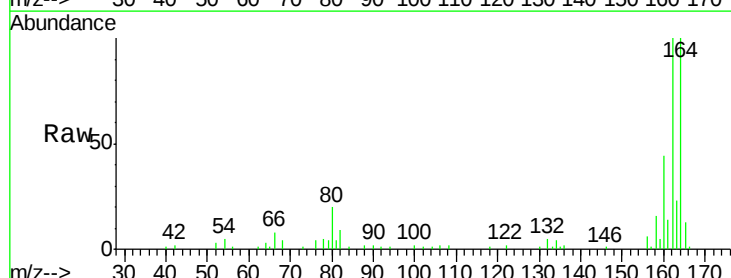
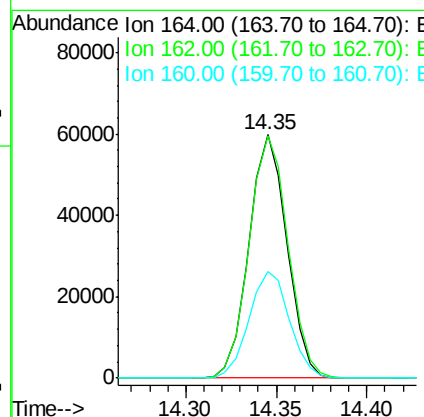
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.35 min Scan# 1914
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.4	123.6
160	43.9	35.8	53.6





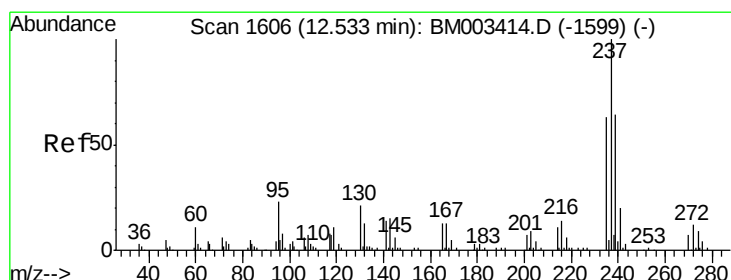
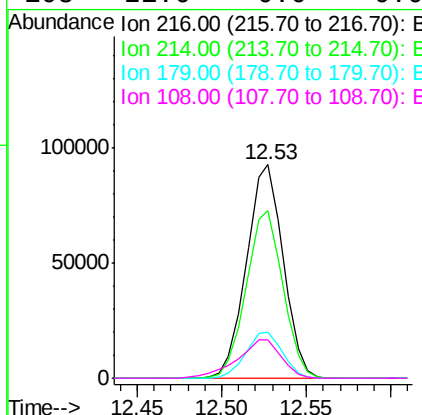
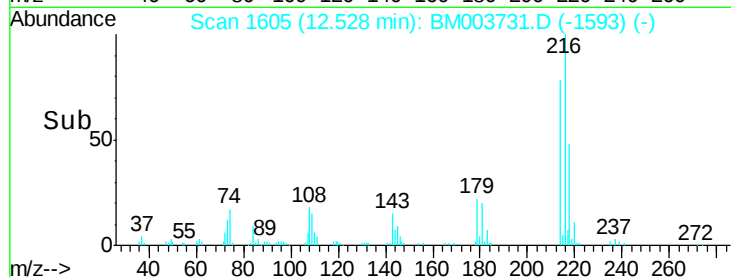
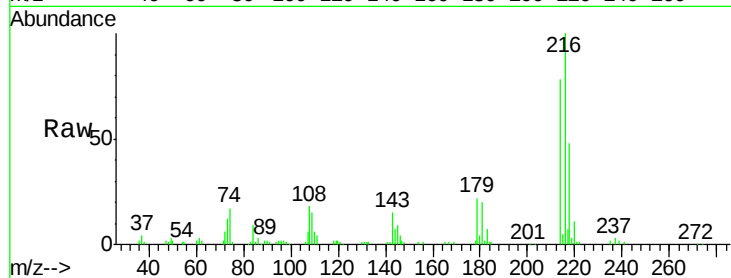
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.46 ng
 RT: 12.53 min Scan# 1605
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.0	0.0	0.0#		
179	21.6	0.0	0.0#		
108	21.6	0.0	0.0#		

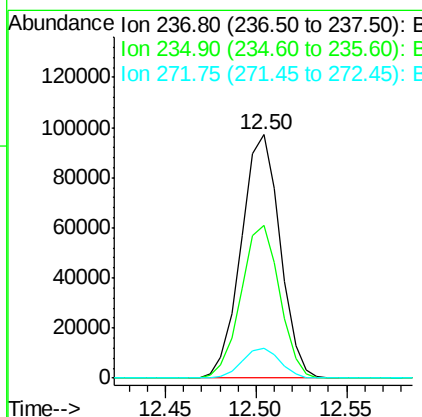
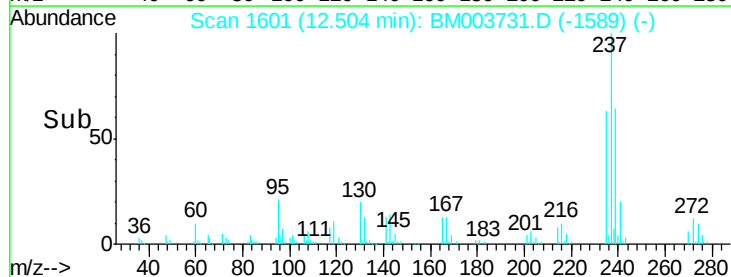
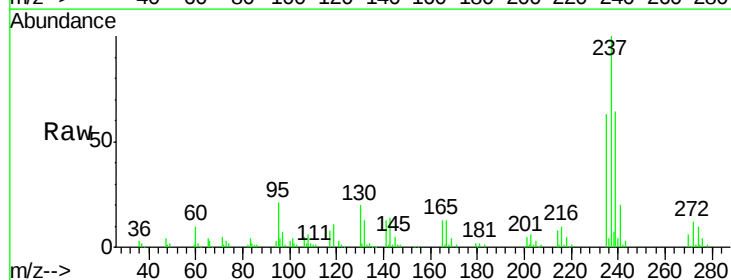
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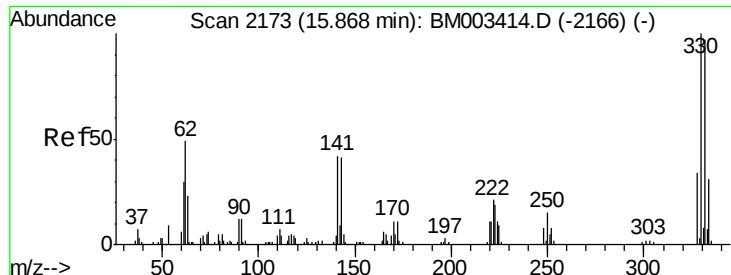
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#40
 Hexachlorocyclopentadiene
 Concen: 93.05 ng
 RT: 12.50 min Scan# 1601
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.7	42.0	82.0		
272	12.1	0.0	33.4		





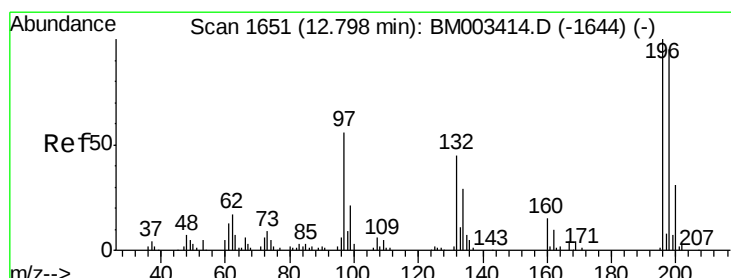
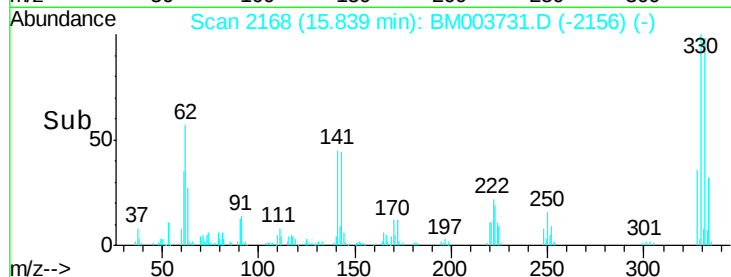
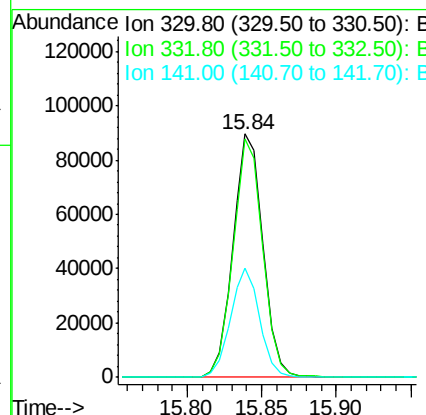
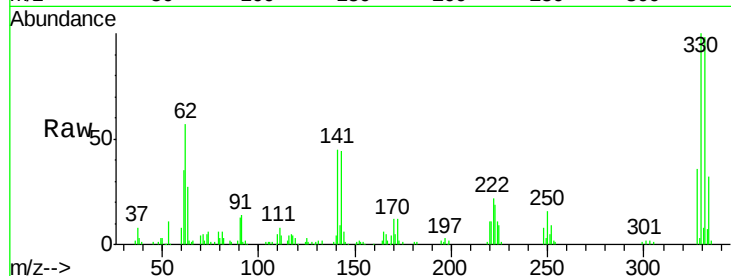
#41
 2,4,6-Tribromophenol
 Concen: 145.04 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	125771		
332	96.5	0.0	0.0	0.0
141	43.7	0.0	0.0	0.0

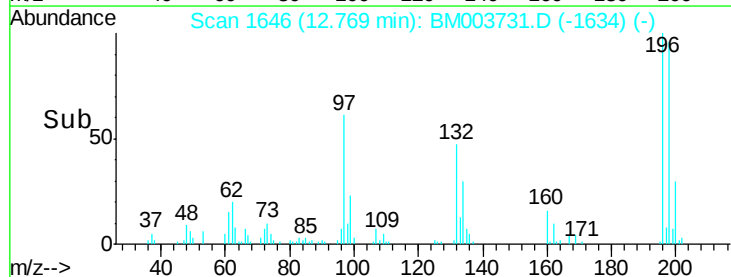
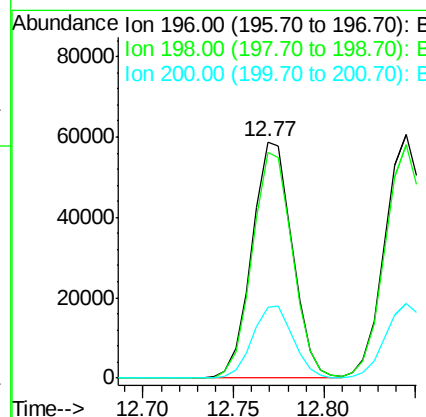
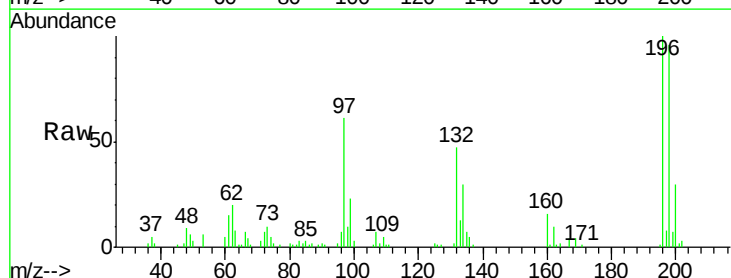
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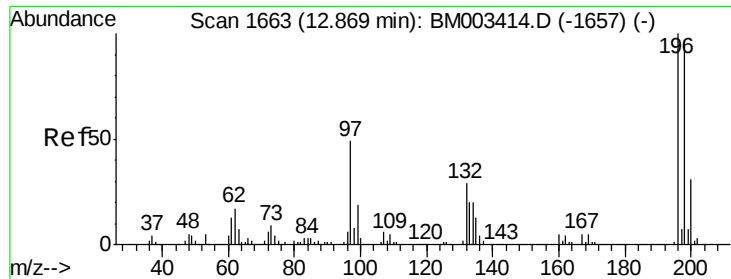
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#42
 2,4,6-Trichlorophenol
 Concen: 50.02 ng
 RT: 12.77 min Scan# 1646
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	91063		
198	95.5	76.3	114.5	
200	30.1	25.6	38.4	





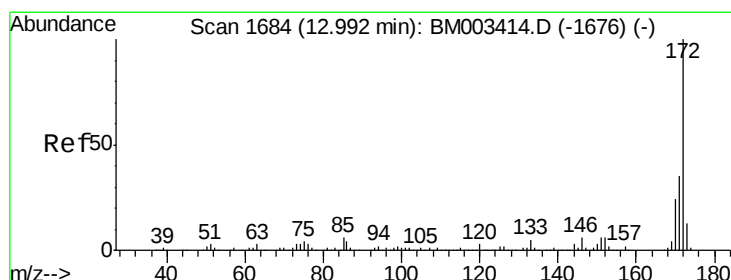
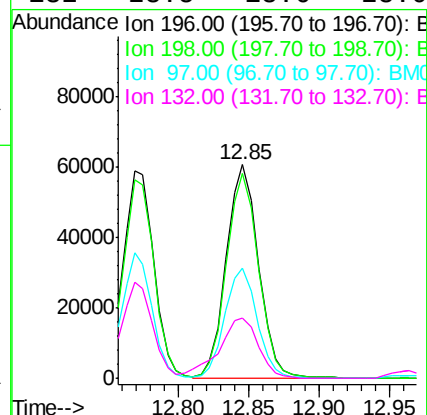
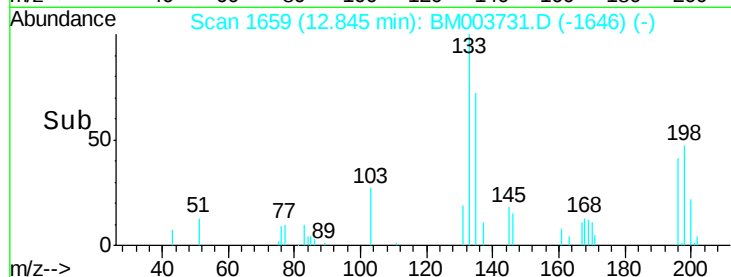
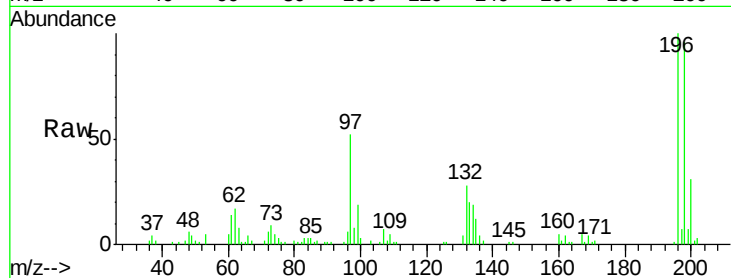
#43
 2,4,5-Trichlorophenol
 Concen: 50.48 ng
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01MSD

Tot Ion	196	Resp	96601
Ion Ratio	Lower	Upper	
196	100		
198	96.1	79.4	119.0
97	51.8	26.8	40.2#
132	28.5	18.6	28.0#

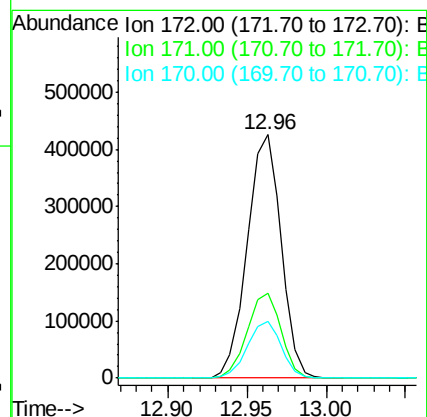
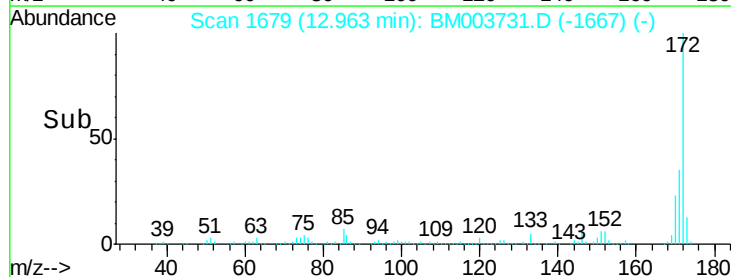
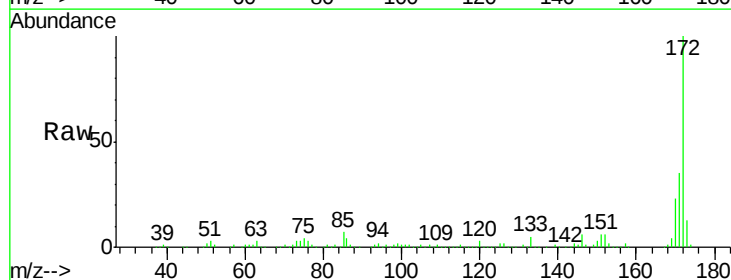
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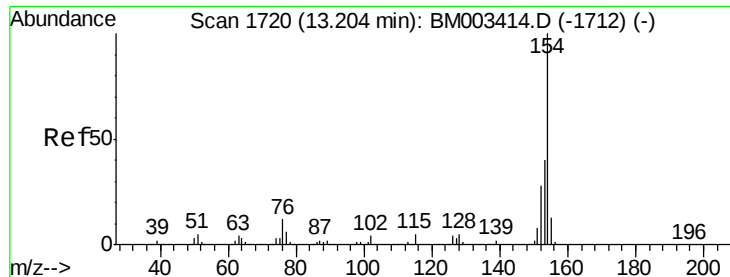
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#44
 2-Fluorobiphenyl
 Concen: 98.95 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Tgt Ion	172	Resp	630643
Ion Ratio	Lower	Upper	
172	100		
171	34.8	28.5	42.7
170	23.4	18.8	28.2





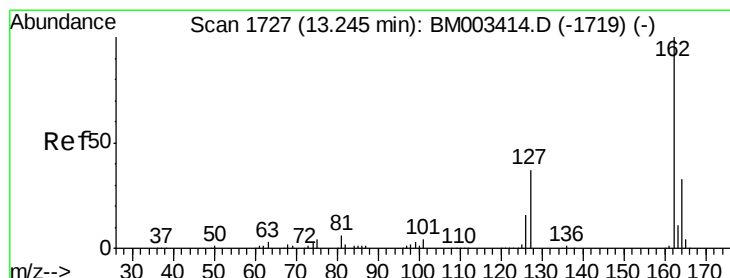
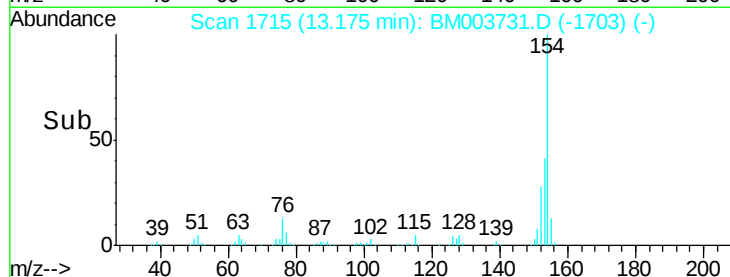
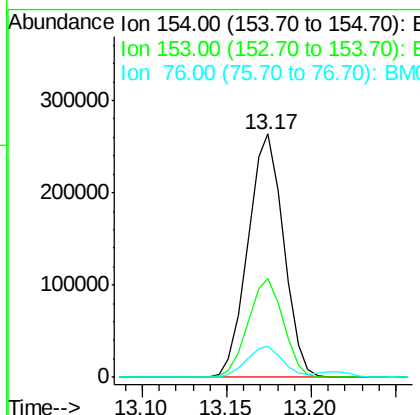
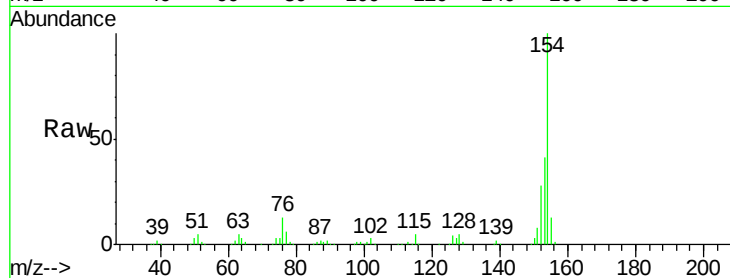
#45
 1,1'-Biphenyl
 Concen: 50.11 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01MSD

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.5	20.7	60.7
76	12.6	0.0	30.9

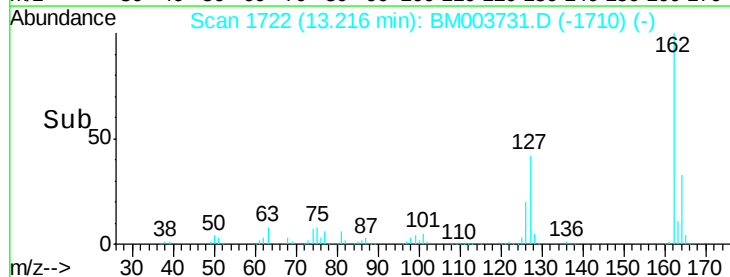
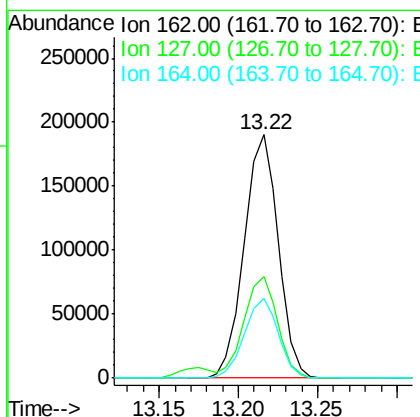
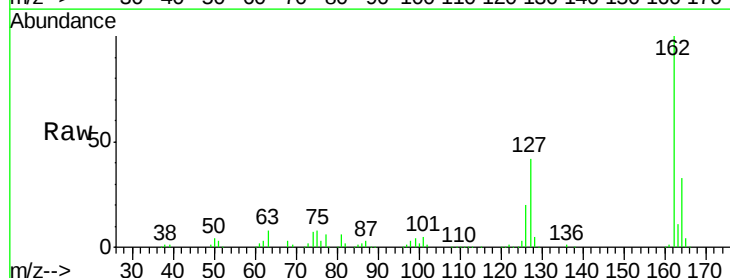
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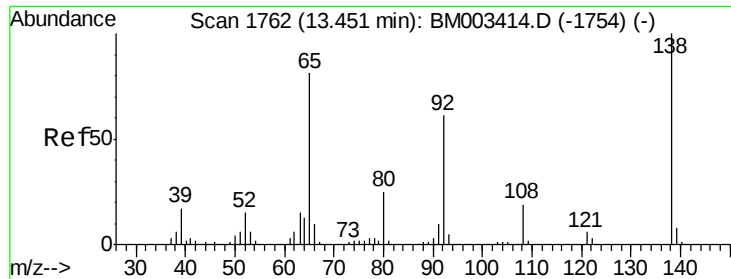
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#46
 2-Chloronaphthalene
 Concen: 50.28 ng
 RT: 13.22 min Scan# 1722
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	41.7	26.9	40.3#
164	32.5	26.8	40.2





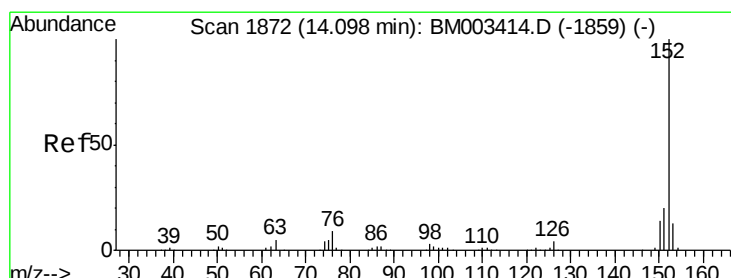
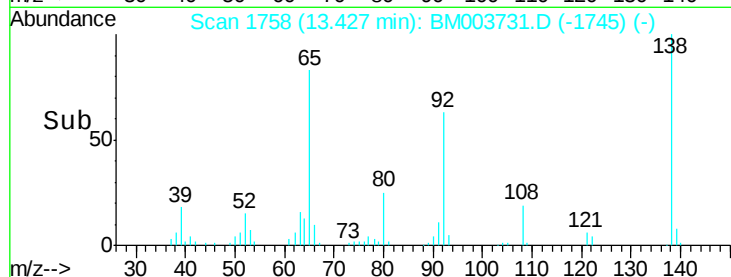
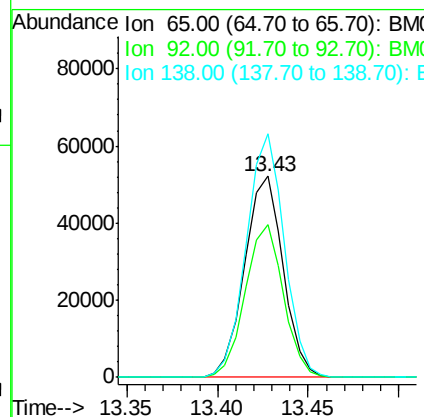
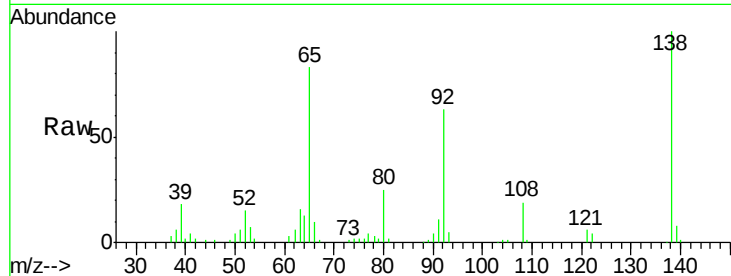
#47
2-Nitroaniline
Concen: 54.97 ng
RT: 13.43 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.8	59.1	88.7
138	121.2	93.9	140.9

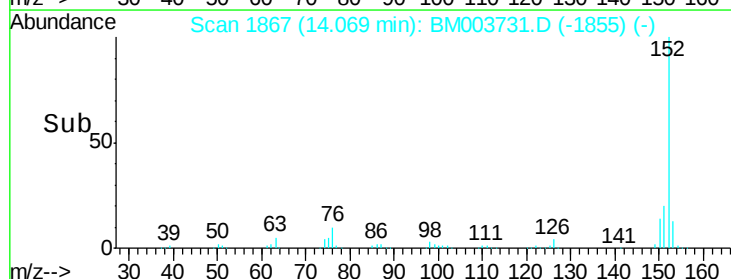
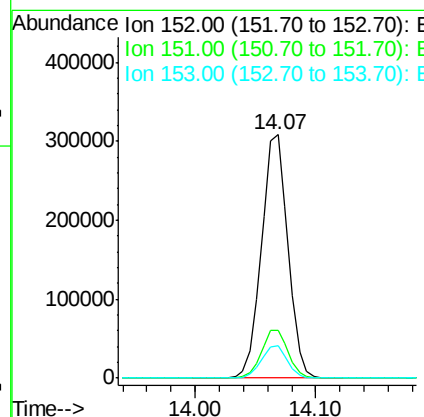
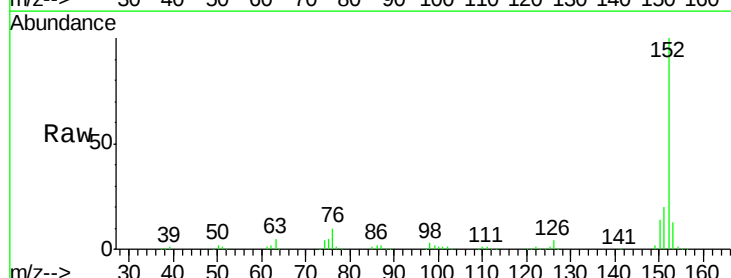
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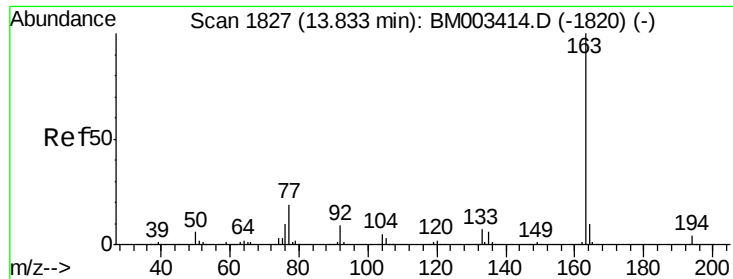
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#48
Acenaphthylene
Concen: 49.64 ng
RT: 14.07 min Scan# 1867
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.1	10.6	16.0





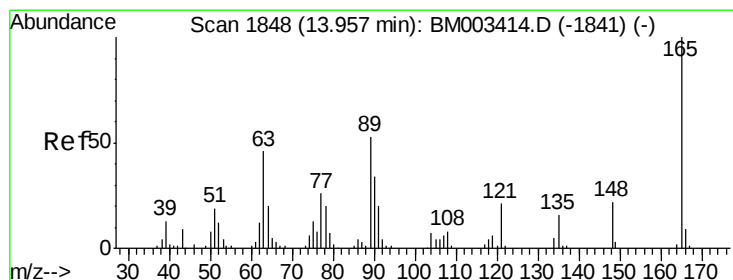
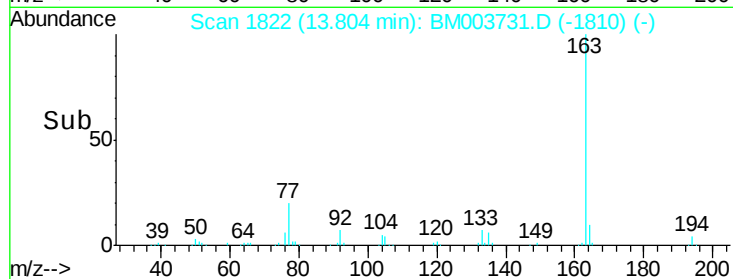
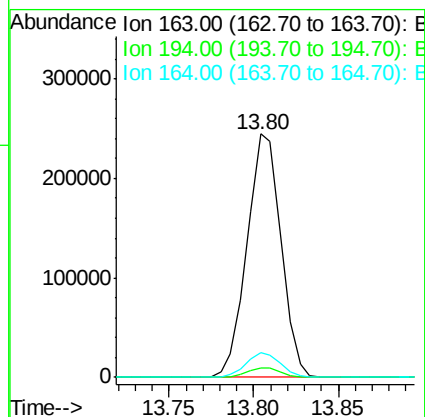
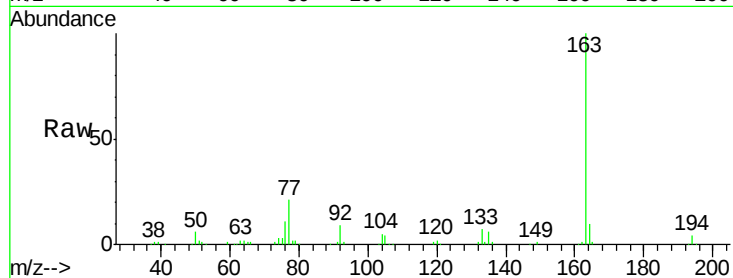
#49
Dimethylphthalate
Concen: 48.14 ng
RT: 13.80 min Scan# 1822
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		344442		
194	3.9		2.7	4.1	
164	10.3		8.2	12.2	

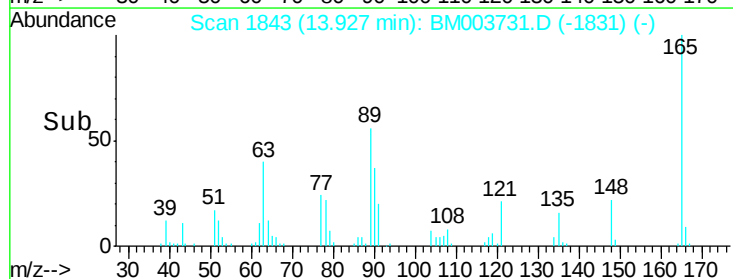
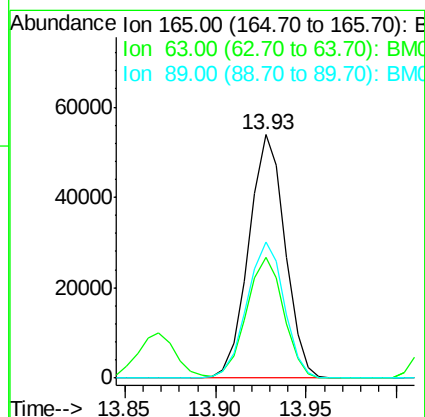
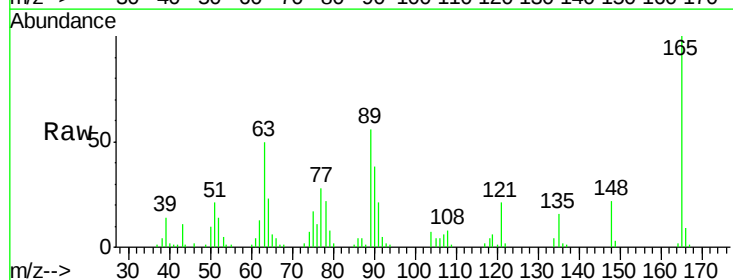
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#50
2,6-Dinitrotoluene
Concen: 50.27 ng
RT: 13.93 min Scan# 1843
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		75041		
63	49.8		44.1	66.1	
89	55.8		44.3	66.5	





#51

Acenaphthene

Concen: 58.90 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Instrument :

BNA_M

ClientSampleId :

LTCWC-01MSD

Tot Ion:154 Resp: 321835

Ion Ratio Lower Upper

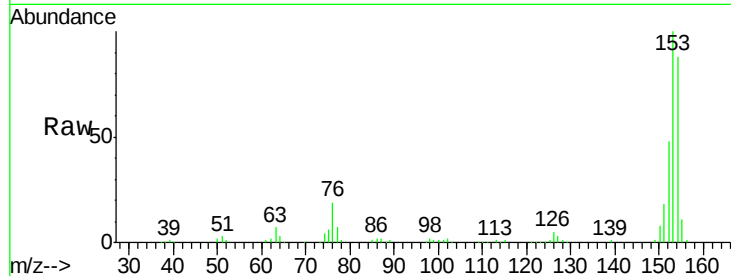
154 100

153 113.1 90.0 135.0

152 54.4 42.6 63.8

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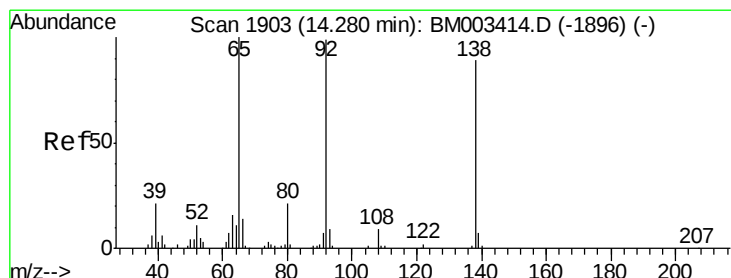
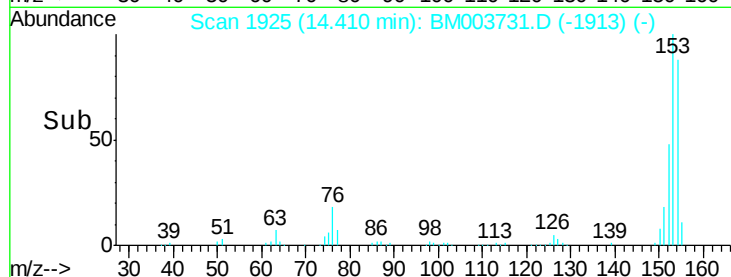
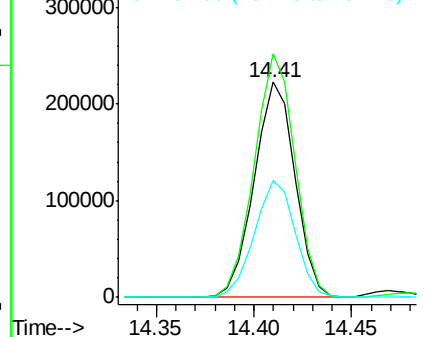
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.86 ng

RT: 14.26 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

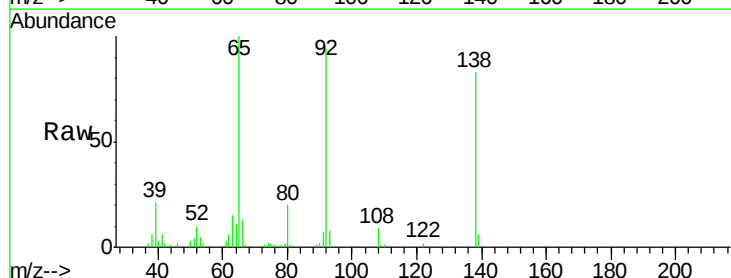
Tgt Ion:138 Resp: 51734

Ion Ratio Lower Upper

138 100

108 10.7 7.3 10.9

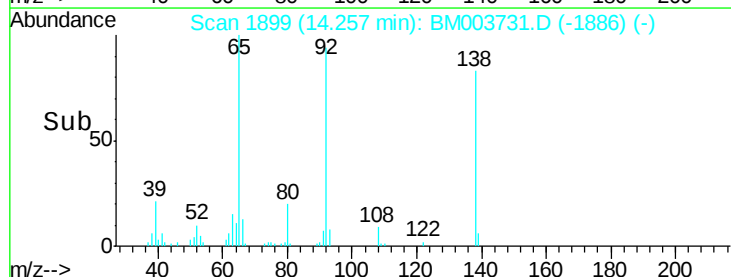
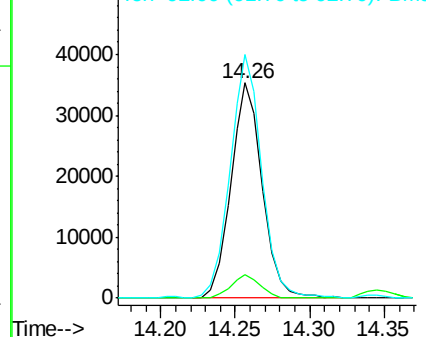
92 113.1 76.6 114.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





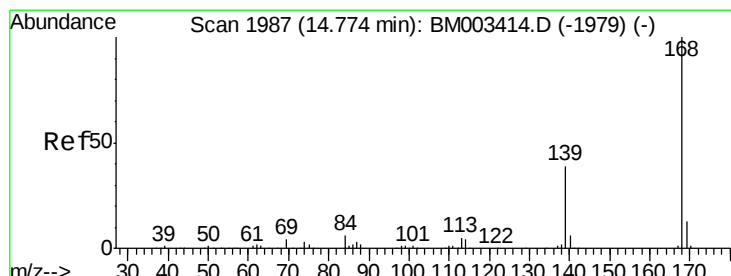
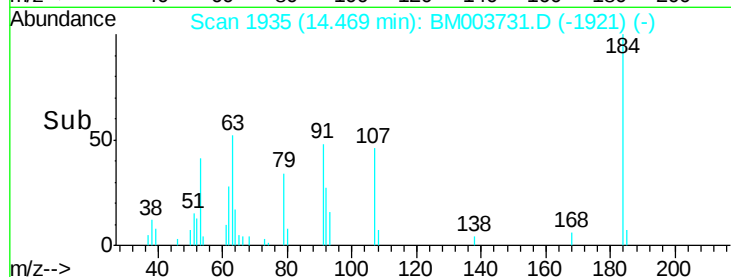
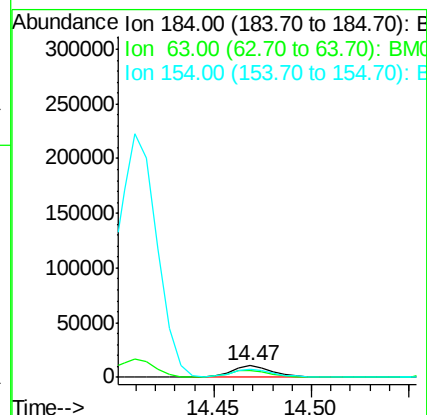
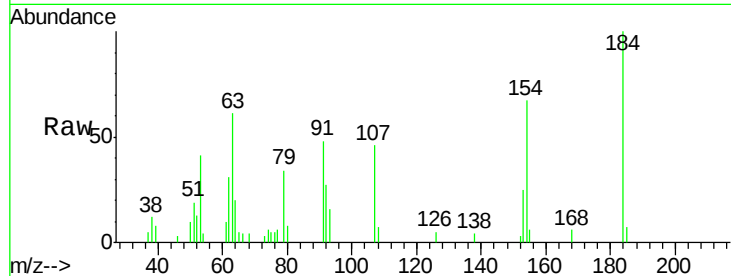
#53
2,4-Dinitrophenol
Concen: 23.50 ng
RT: 14.47 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.2	69.2	103.8#
154	67.5	53.3	79.9

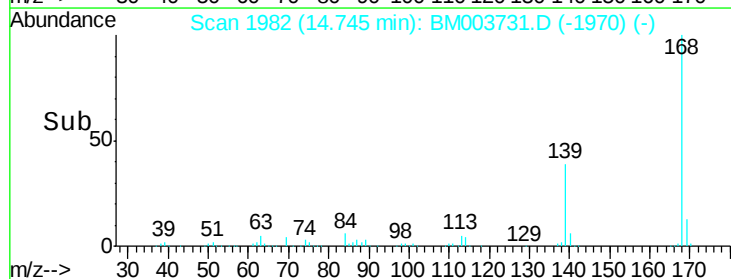
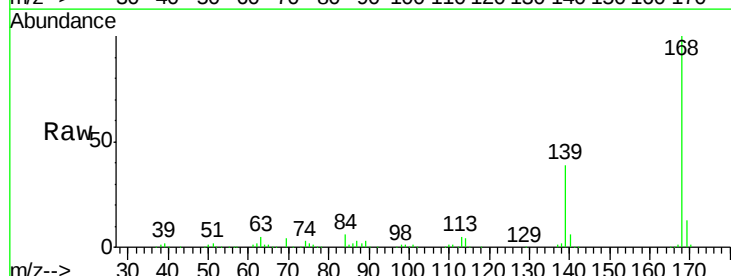
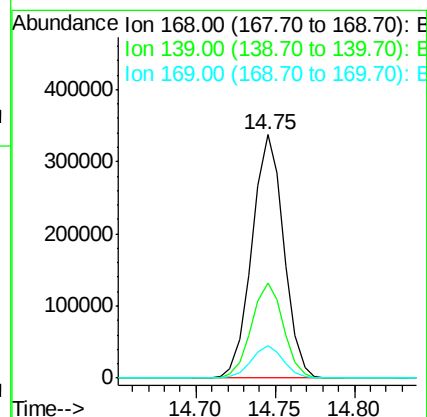
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#54
Dibenzofuran
Concen: 59.66 ng
RT: 14.75 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	27.3	40.9
169	13.2	10.6	16.0





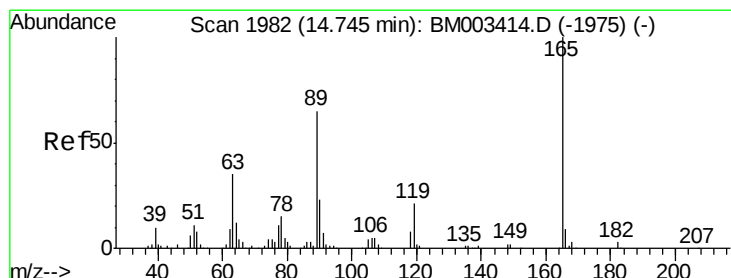
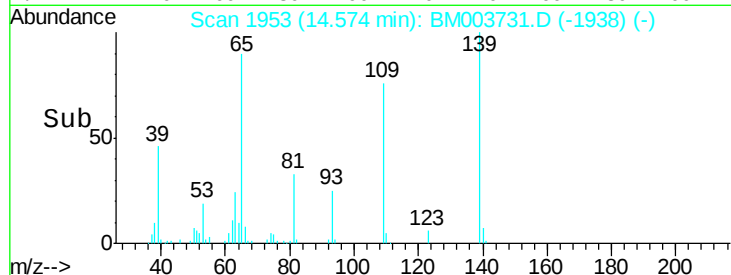
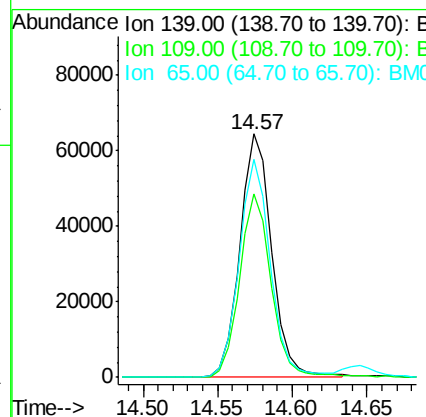
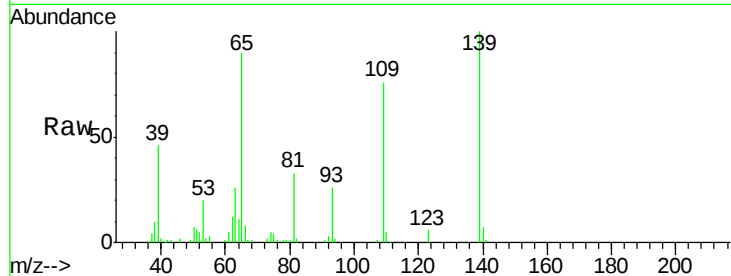
#55
4-Nitrophenol
Concen: 75.97 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	95845		
109	75.6	37.7	77.7	
65	89.7	49.9	89.9	

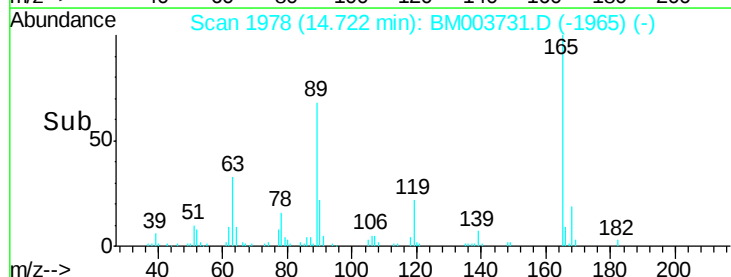
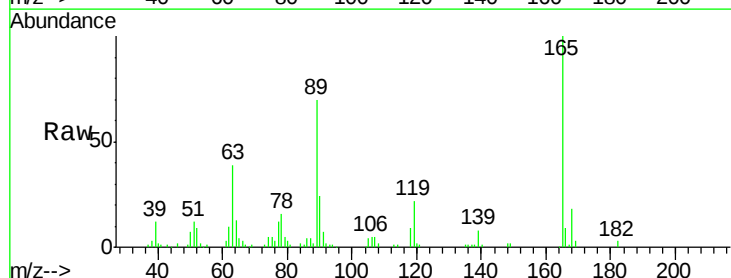
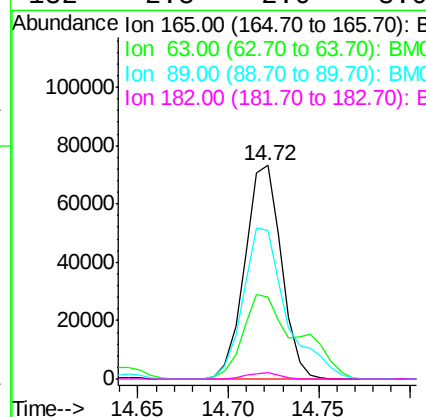
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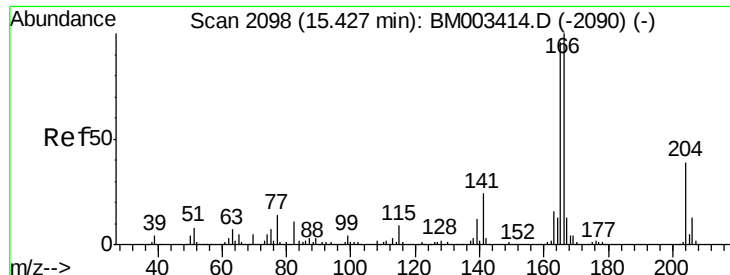
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#56
2,4-Dinitrotoluene
Concen: 52.78 ng
RT: 14.72 min Scan# 1978
Delta R.T. -0.02 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	102231		
63	38.6	52.4	78.6#	
89	69.7	72.4	108.6#	
182	2.8	2.0	3.0	





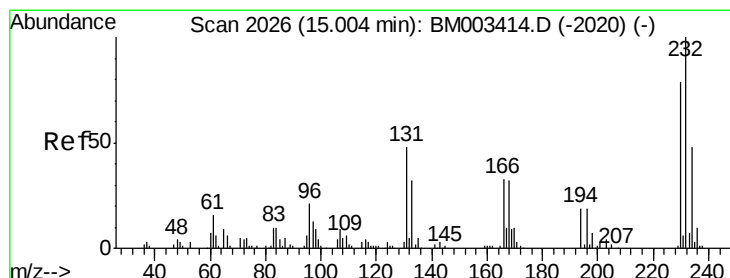
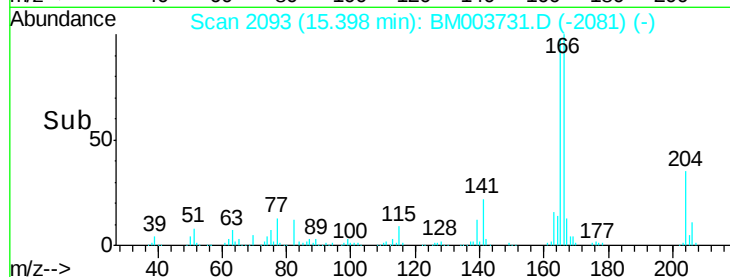
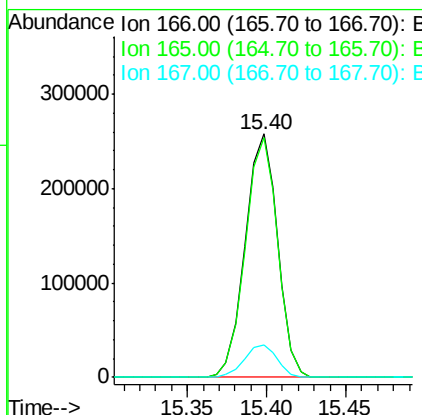
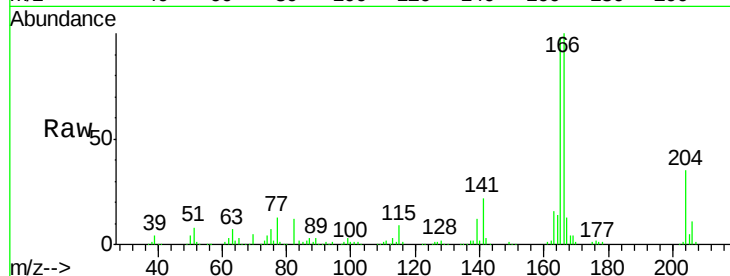
#57
 Fluorene
 Concen: 55.83 ng
 RT: 15.40 min Scan# 2093
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	365288		
165	98.4	79.0	118.4	
167	13.3	10.3	15.5	

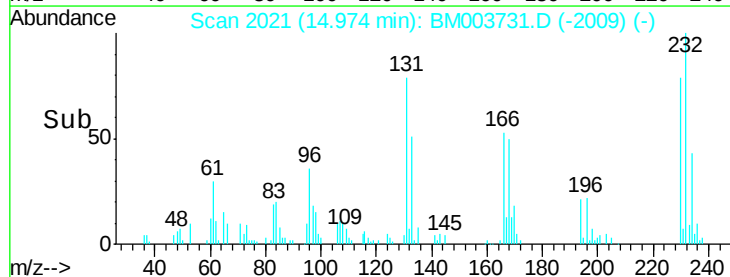
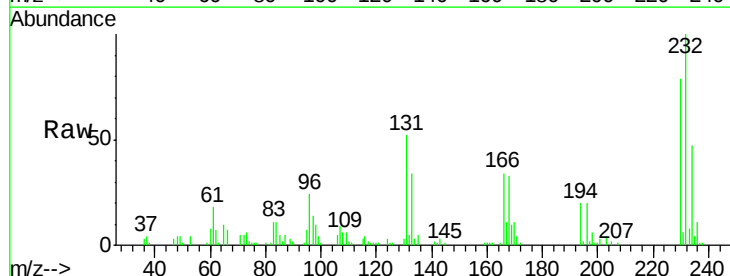
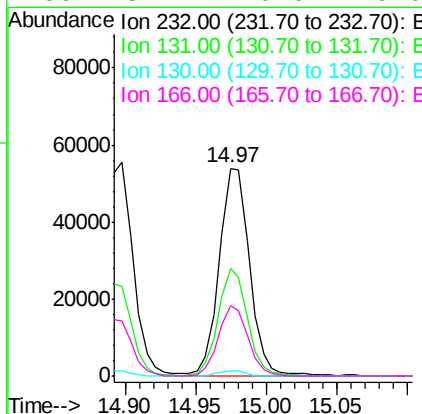
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.06 ng
 RT: 14.97 min Scan# 2021
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	80988		
131	49.9	0.0	0.0#	
130	2.3	0.0	0.0#	
166	32.7	0.0	0.0#	





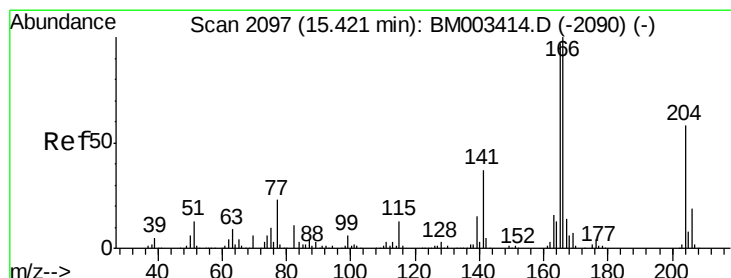
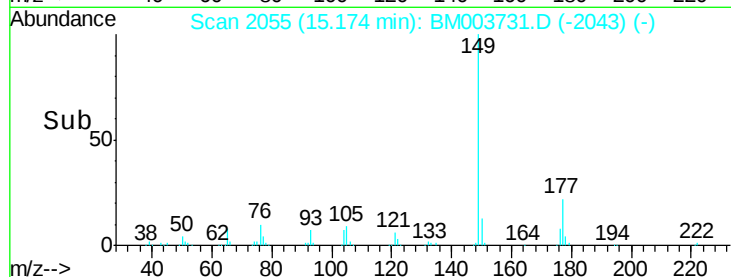
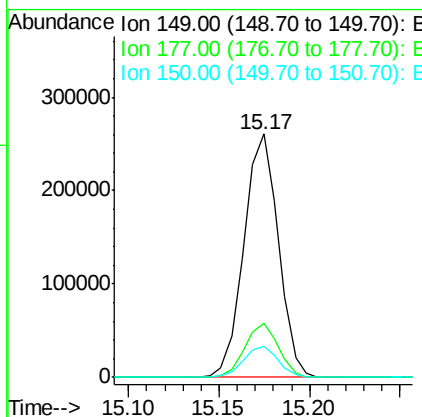
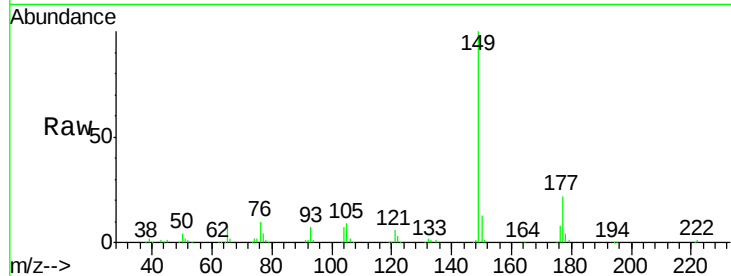
#59
Diethylphthalate
Concen: 48.95 ng
RT: 15.17 min Scan# 2055
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.3	27.5
150	12.7	9.8	14.8

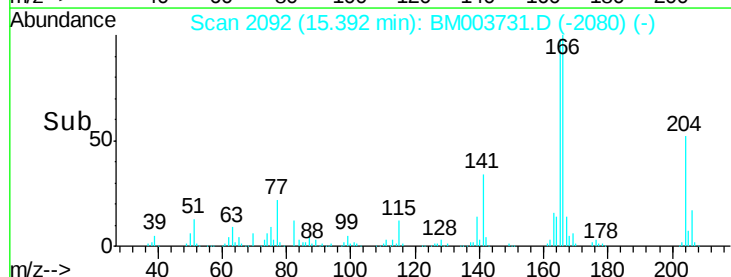
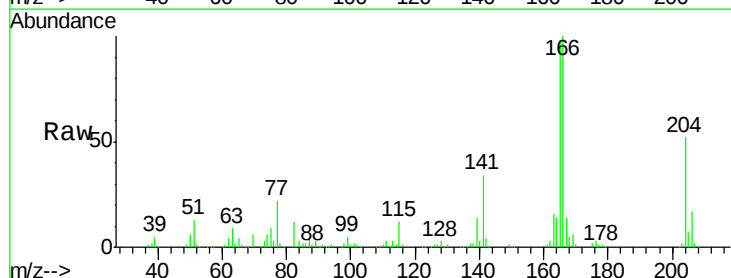
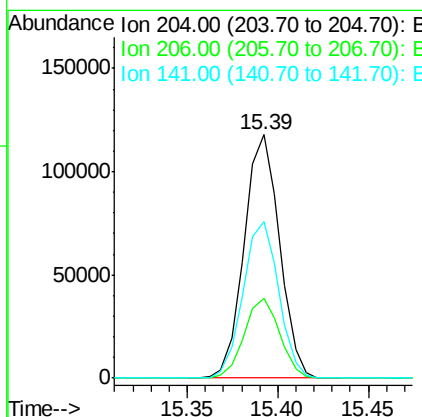
Manual Integrations
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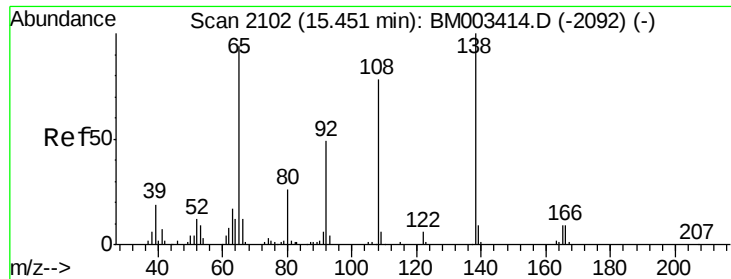
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 48.25 ng
RT: 15.39 min Scan# 2092
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	64.4	45.2	67.8





#61

4-Nitroaniline

Concen: 51.49 ng

RT: 15.42 min Scan# 2097

Delta R.T. -0.03 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Instrument :

BNA_M

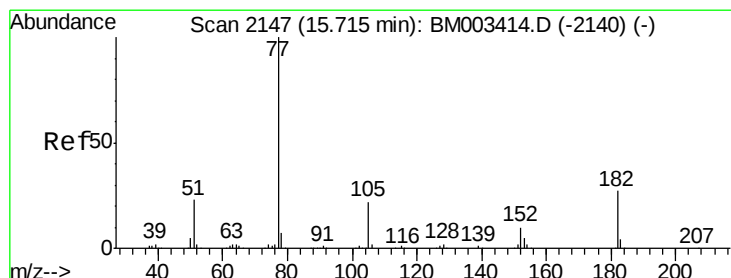
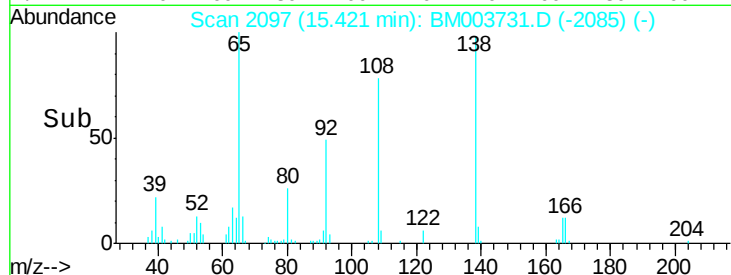
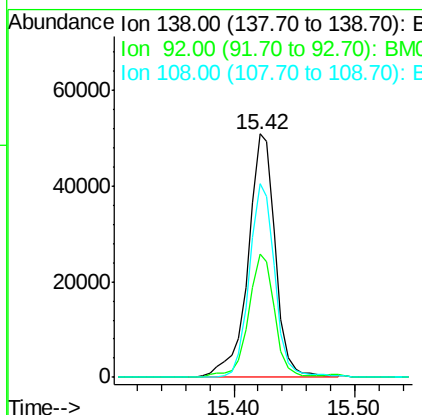
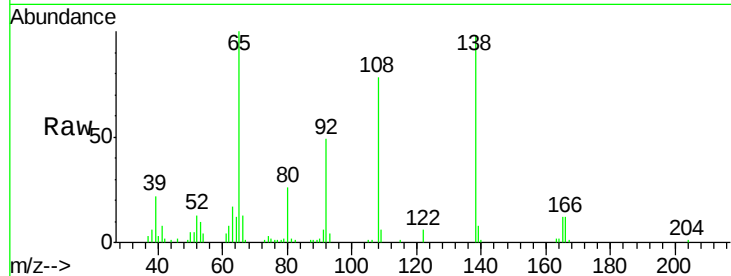
ClientSampleId :

LTCWC-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.6	16.7	56.7
108	79.3	37.6	77.6

Manual Integrations
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#62

Azobenzene

Concen: 57.68 ng

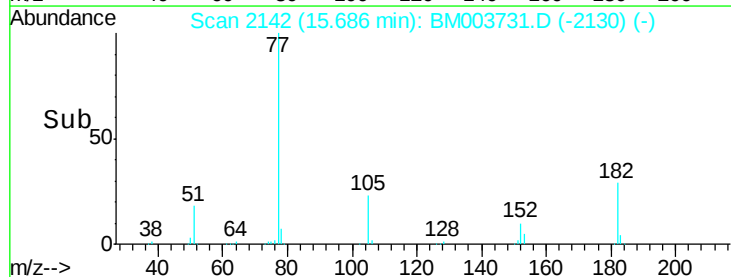
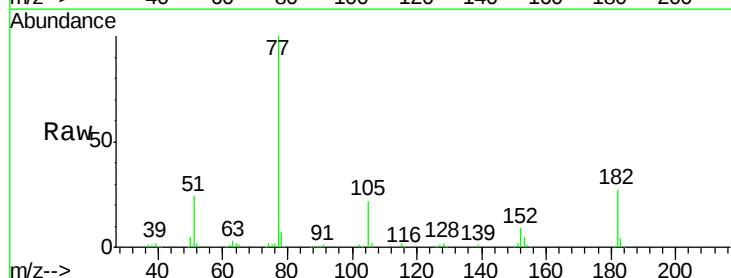
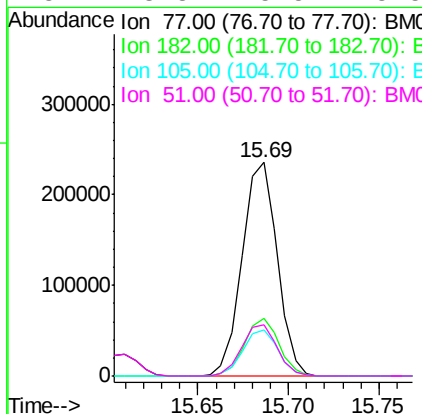
RT: 15.69 min Scan# 2142

Delta R.T. -0.03 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.0	6.5	46.5
105	21.8	3.8	43.8
51	23.8	5.5	45.5





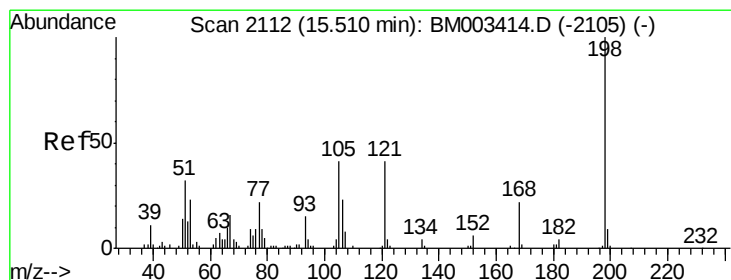
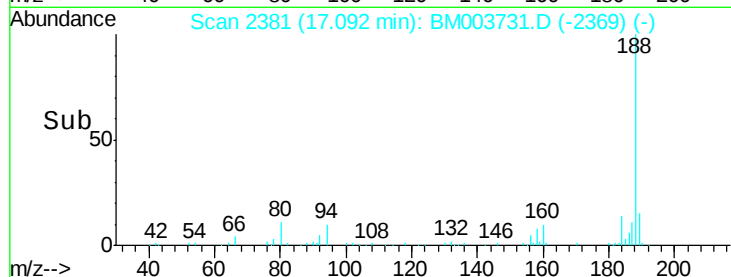
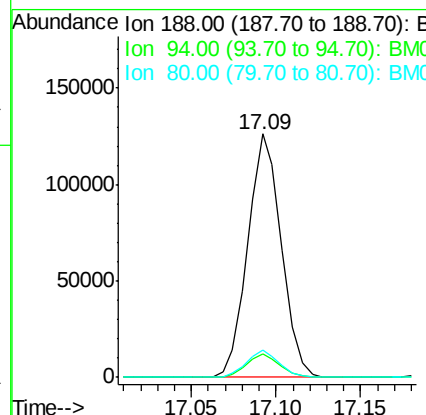
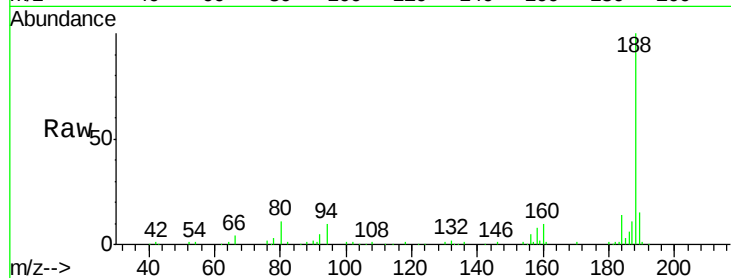
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	174131		
94	9.5	8.7	13.1	
80	11.0	9.3	13.9	

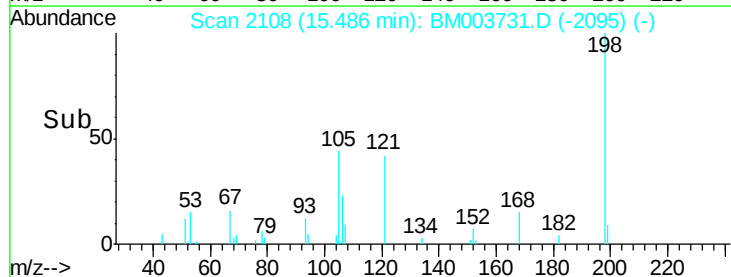
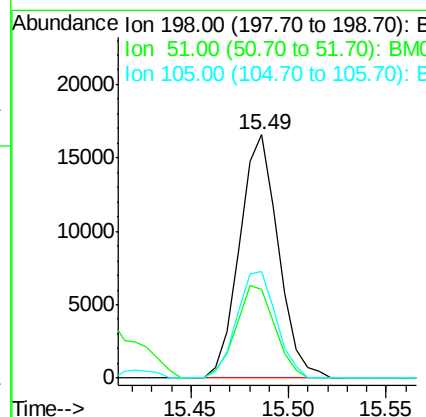
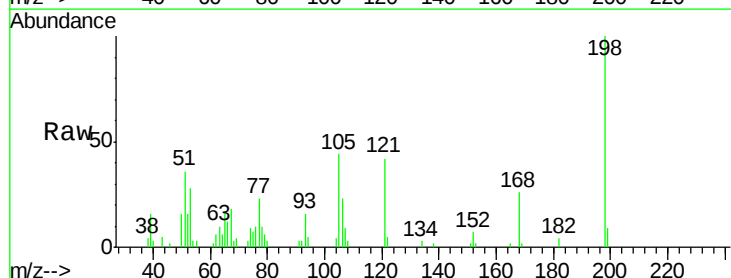
Manual Integrations
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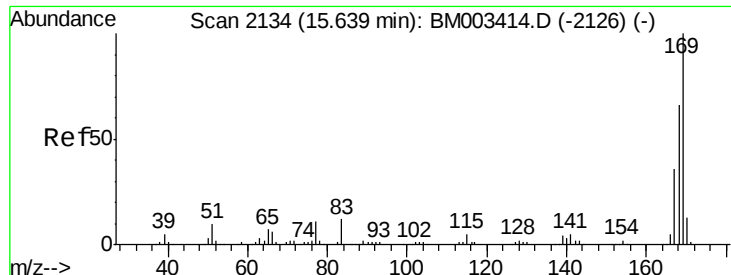
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#64
4,6-Dinitro-2-methylphenol
Concen: 21.66 ng
RT: 15.49 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	22756		
51	36.3	28.8	68.8	
105	43.9	30.5	70.5	





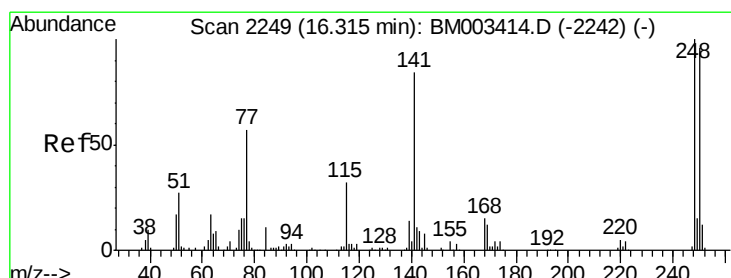
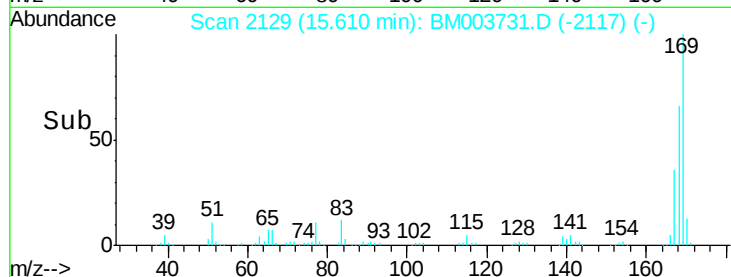
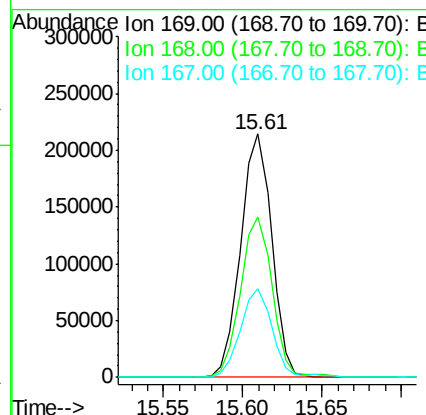
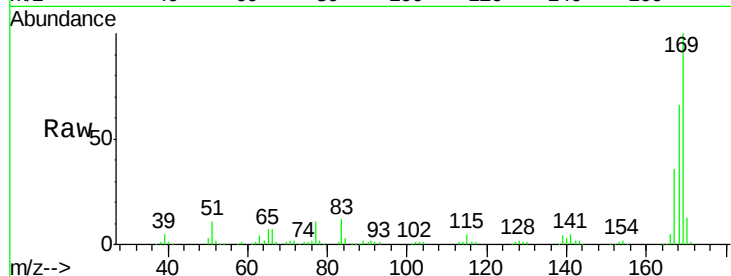
#65
 n-Nitrosodiphenylamine
 Concen: 52.92 ng
 RT: 15.61 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	291362		
168	66.0		53.9	80.9
167	36.2		28.9	43.3

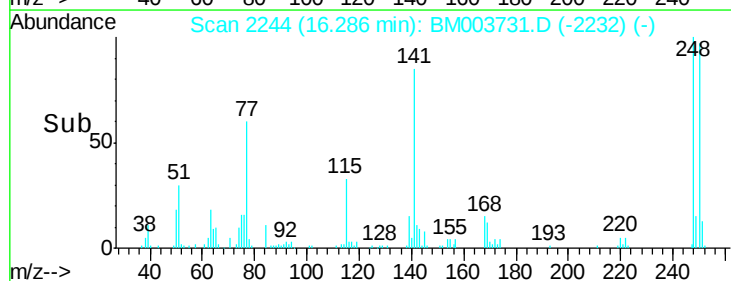
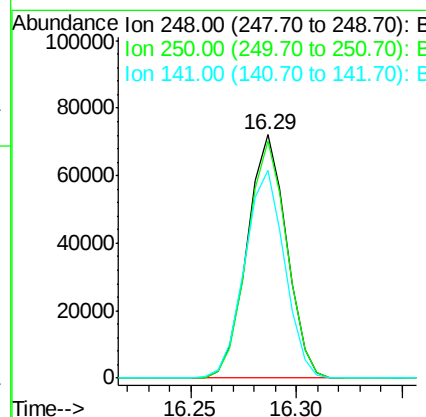
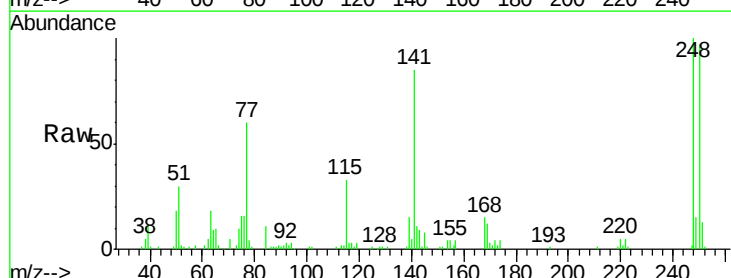
Manual Integrations
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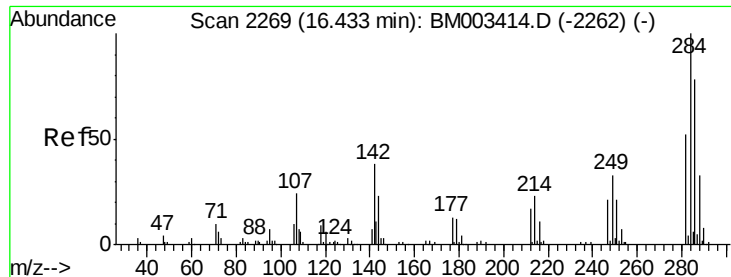
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#66
 4-Bromophenyl-phenylether
 Concen: 49.94 ng
 RT: 16.29 min Scan# 2244
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	93769		
250	97.4		77.4	116.0
141	85.1		45.2	67.8#





#67

Hexachlorobenzene

Concen: 51.19 ng

RT: 16.40 min Scan# 2264

Delta R.T. -0.03 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Instrument :

BNA_M

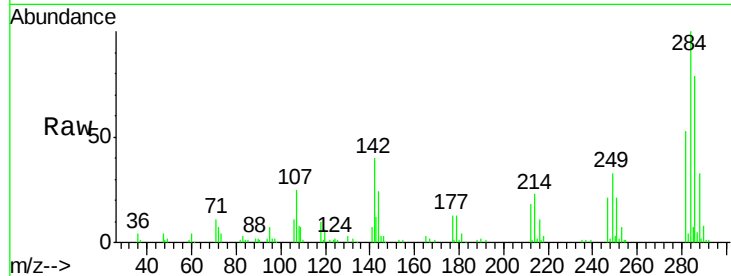
ClientSampleId :

LTCWC-01MSD

Tot Ion:	284	Resp:	103265
Ion Ratio		Lower	Upper
284	100		
142	40.3	20.4	30.6#
249	32.9	23.8	35.6

Manual Integrations
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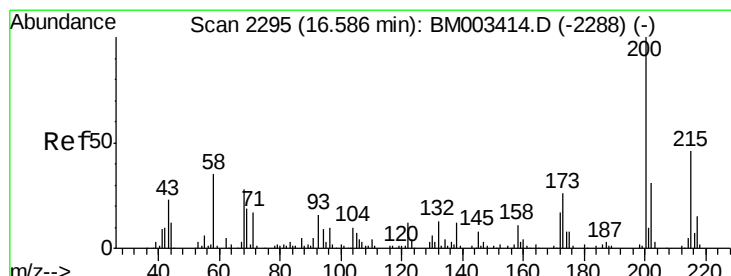
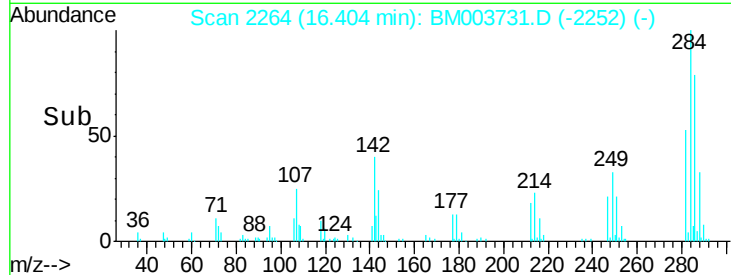
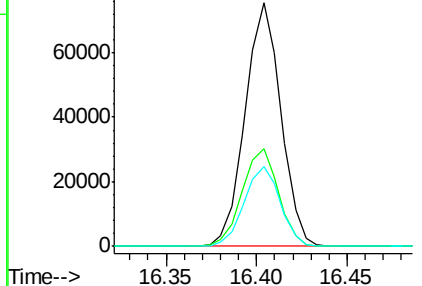
apatel
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 55.83 ng

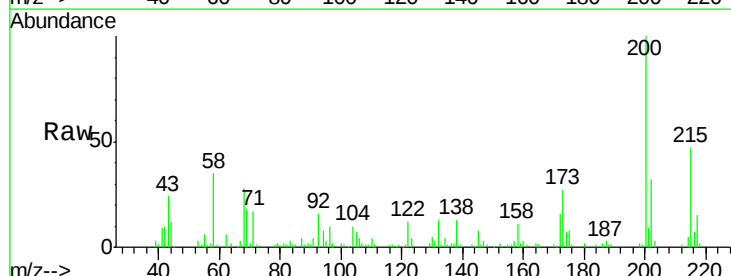
RT: 16.56 min Scan# 2291

Delta R.T. -0.02 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

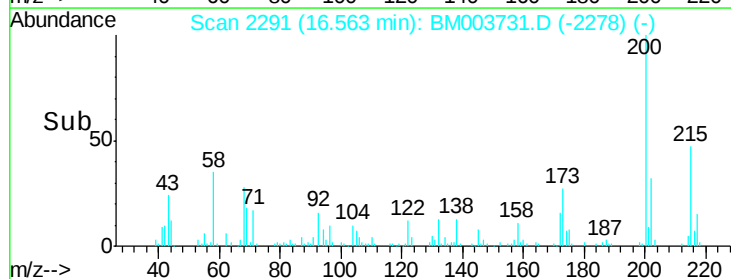
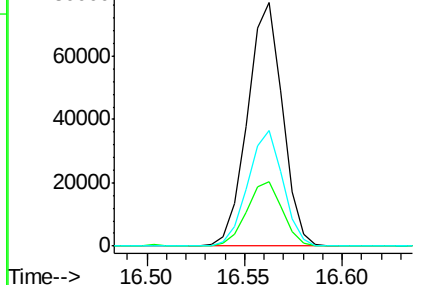
Tgt Ion:	200	Resp:	95854
Ion Ratio		Lower	Upper
200	100		
173	26.6	4.8	44.8
215	47.5	26.9	66.9

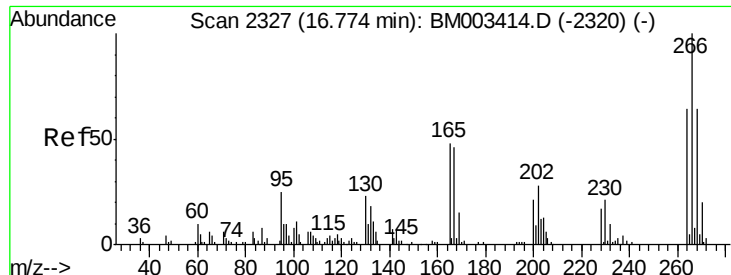


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





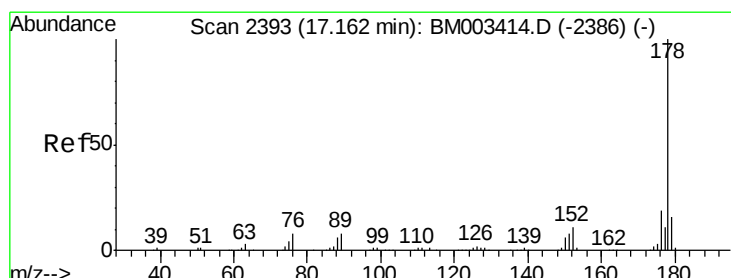
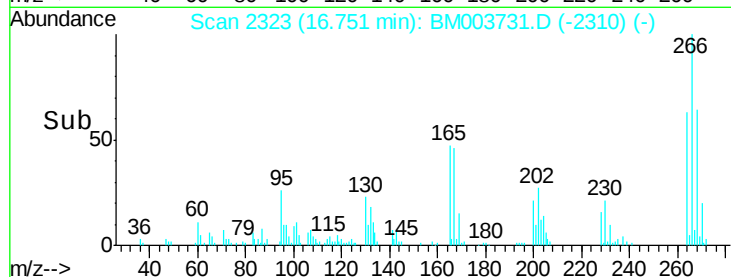
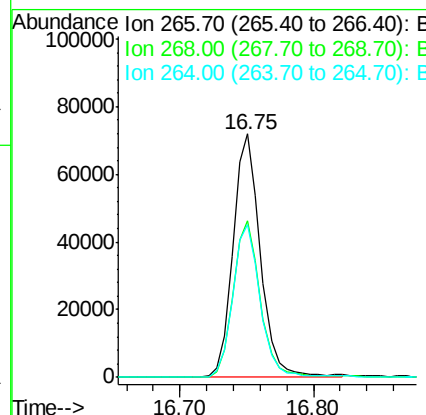
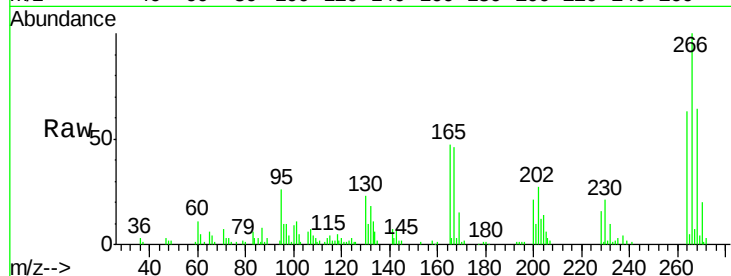
#69
 Pentachlorophenol
 Concen: 89.60 ng
 RT: 16.75 min Scan# 2323
 Delta R.T. -0.02 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	103172		
268	64.4	52.0	78.0	
264	62.8	49.0	73.4	

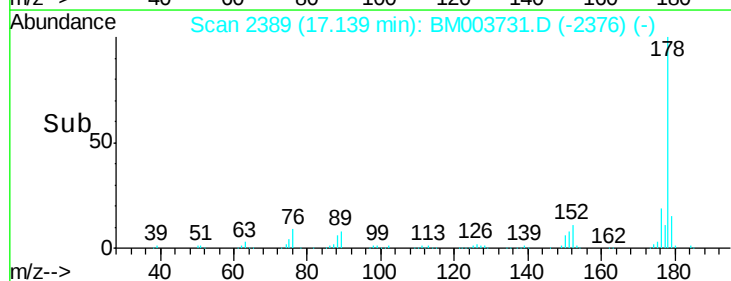
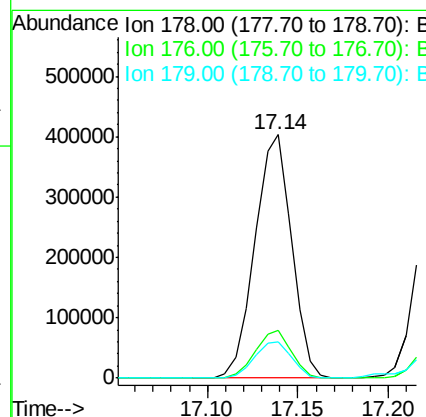
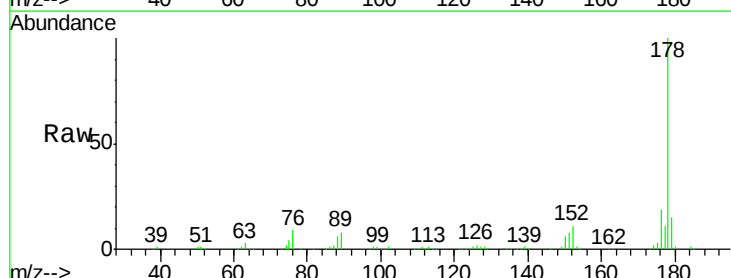
Manual Integrations
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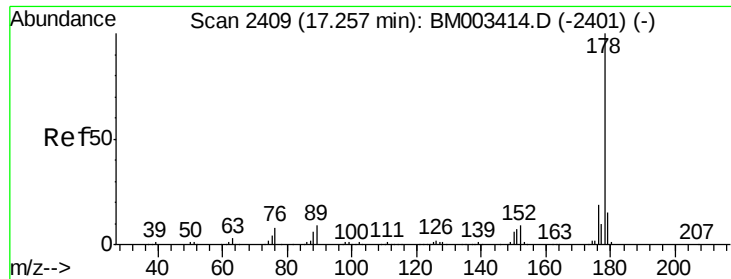
apatel
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#70
 Phenanthrene
 Concen: 58.00 ng
 RT: 17.14 min Scan# 2389
 Delta R.T. -0.02 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	566753		
176	19.4	15.2	22.8	
179	15.1	12.1	18.1	





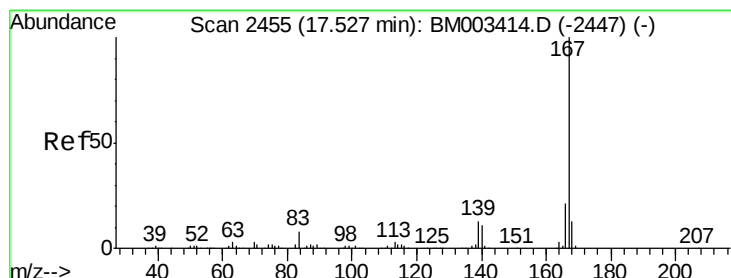
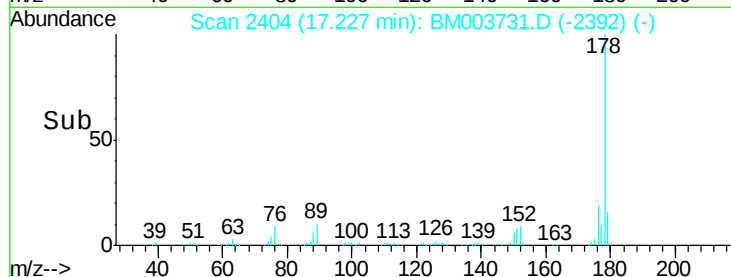
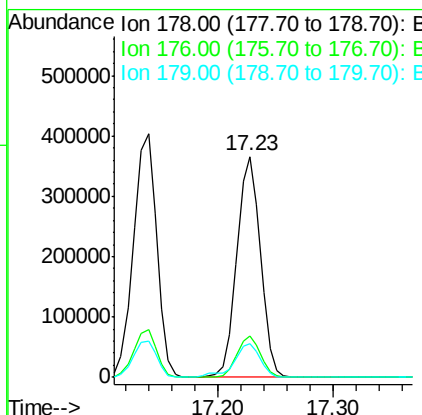
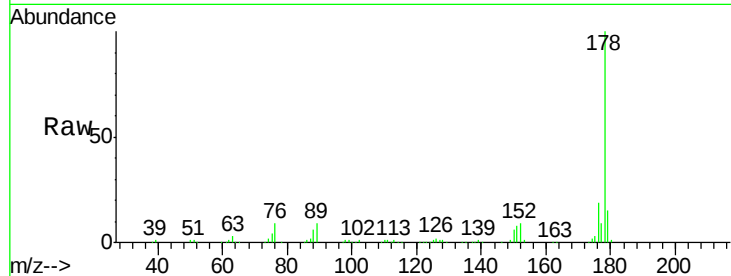
#71
 Anthracene
 Concen: 53.22 ng
 RT: 17.23 min Scan# 2404
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.8	14.6	22.0	
179	15.5	12.6	19.0	

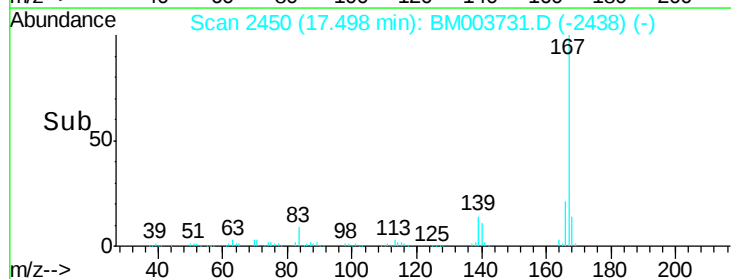
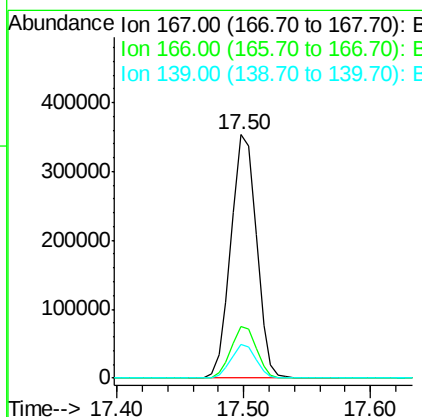
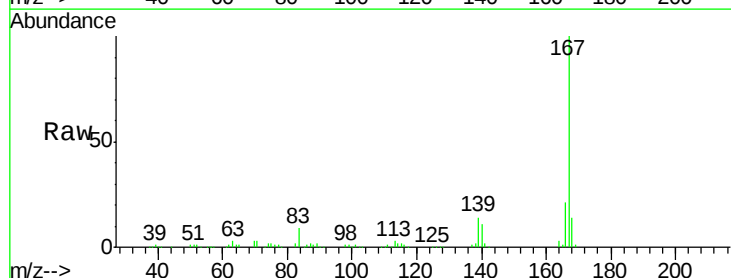
Manual Integrations
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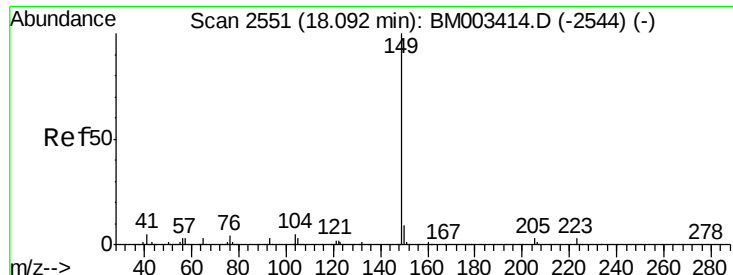
apatel
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#72
 Carbazole
 Concen: 58.34 ng
 RT: 17.50 min Scan# 2450
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.3	17.2	25.8	
139	13.6	10.8	16.2	





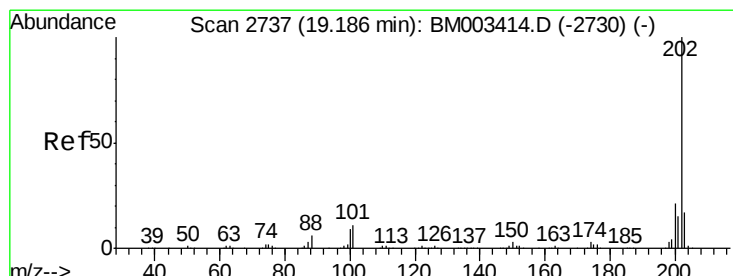
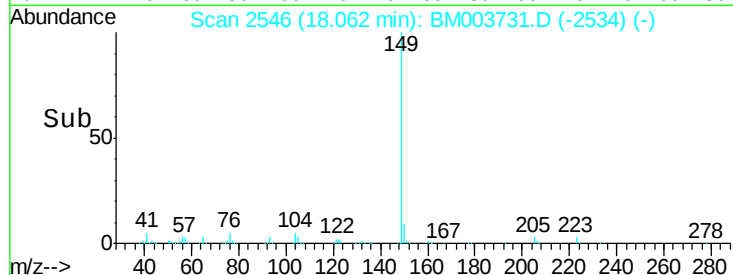
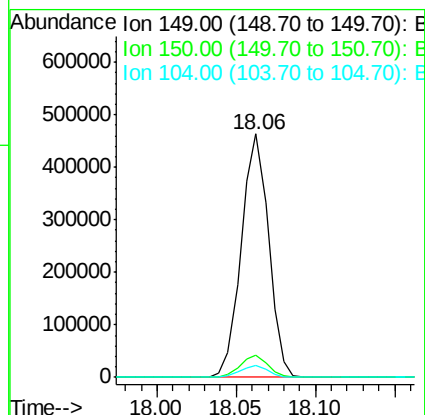
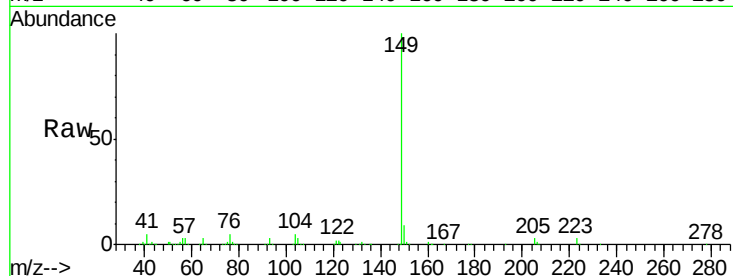
#73
Di-n-butylphthalate
Concen: 55.94 ng
RT: 18.06 min Scan# 2546
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.1	7.5	11.3	
104	4.9	3.7	5.5	

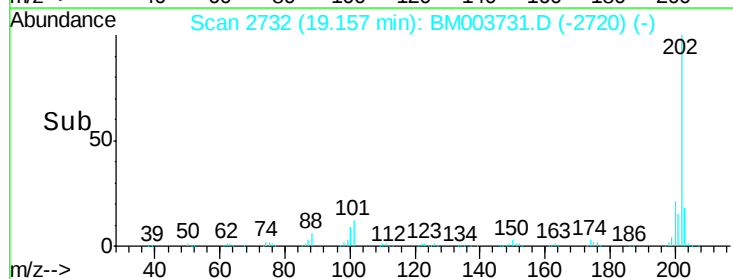
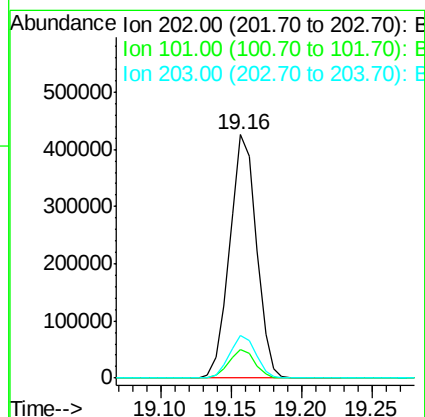
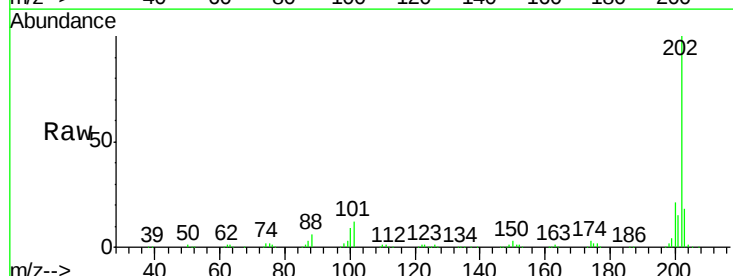
Manual Integrations
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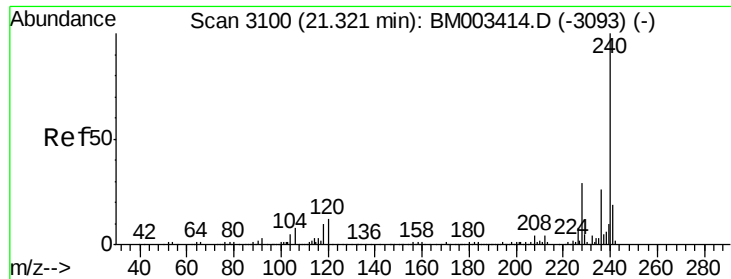
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#74
Fluoranthene
Concen: 55.75 ng
RT: 19.16 min Scan# 2732
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.0	0.0	28.7	
203	17.6	0.0	37.2	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.03 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Instrument :

BNA_M

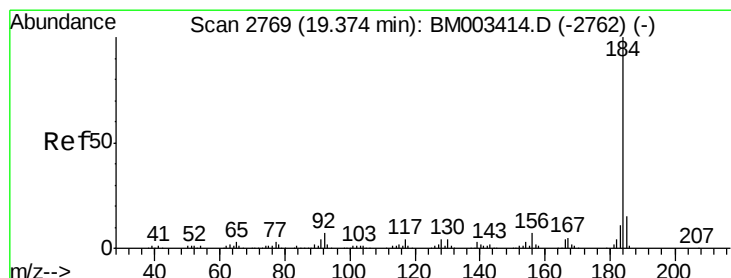
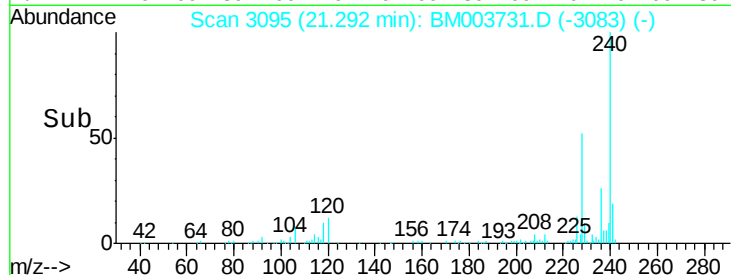
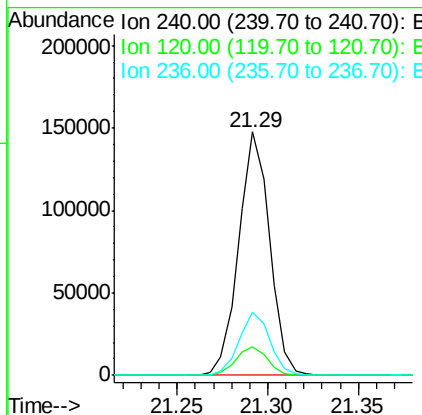
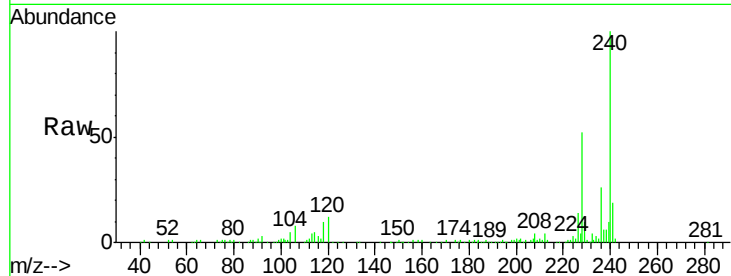
ClientSampleId :

LTCWC-01MSD

Tot Ion:	240	Resp:	174322
Ion Ratio	Lower	Upper	
240	100		
120	11.6	8.2	12.2
236	25.7	20.0	30.0

Manual Integrations
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#76

Benzidine

Concen: 39.96 ng

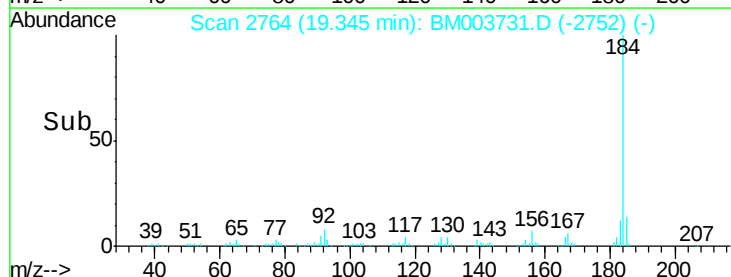
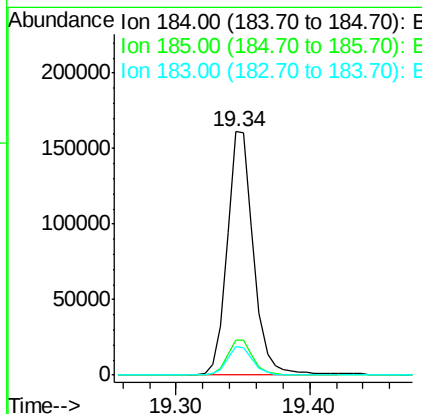
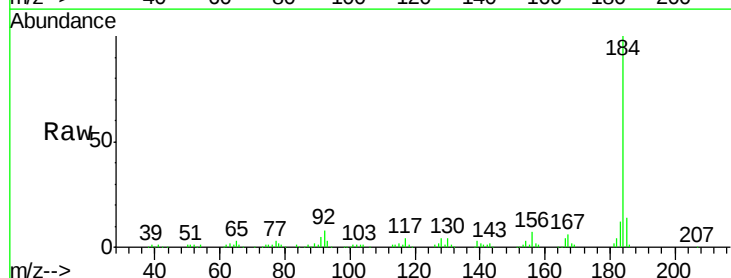
RT: 19.34 min Scan# 2764

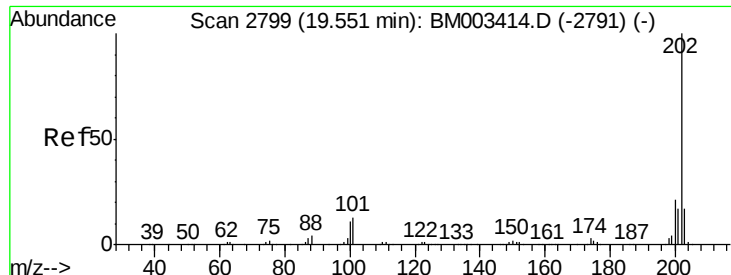
Delta R.T. -0.03 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Tgt Ion:	184	Resp:	223172
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.3	16.9
183	11.7	8.9	13.3





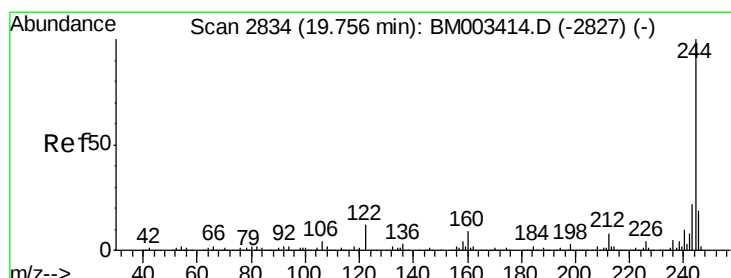
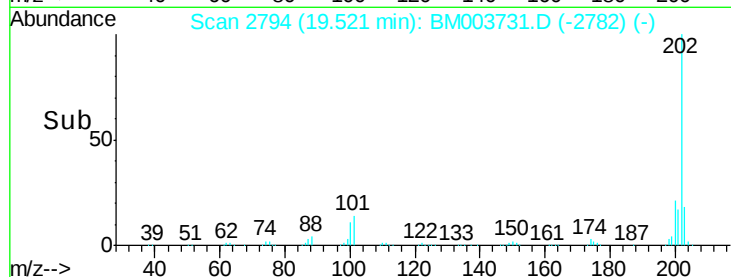
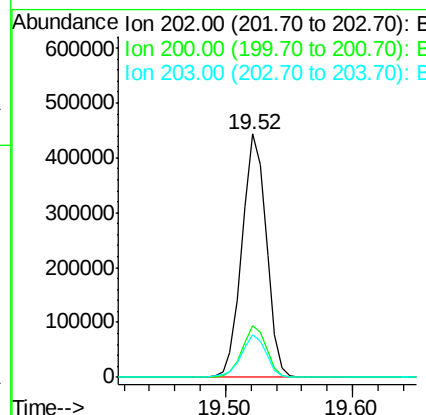
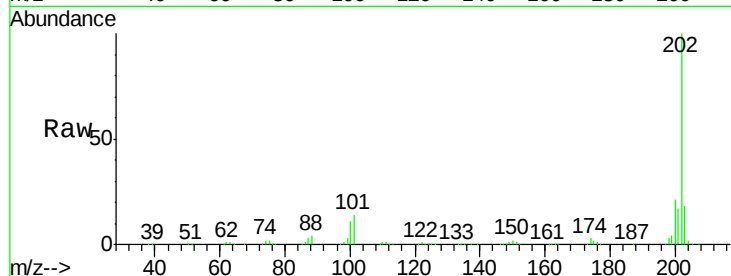
#77
Pvrene
Concen: 48.04 ng
RT: 19.52 min Scan# 2794
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.5	14.1	21.1

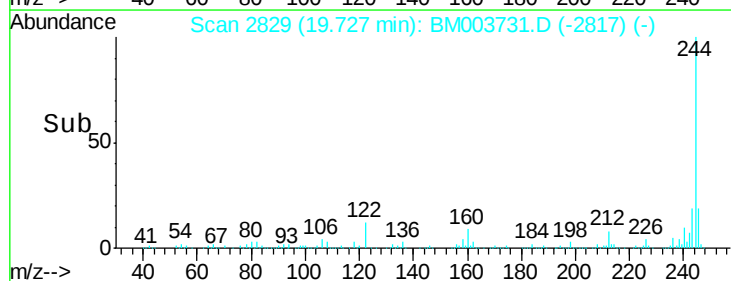
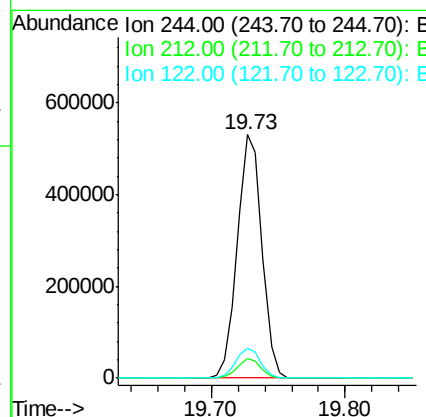
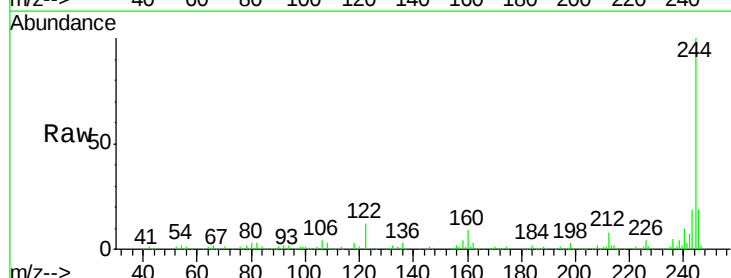
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#78
Terphenyl-d14
Concen: 92.14 ng
RT: 19.73 min Scan# 2829
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	12.5	6.2	9.4#





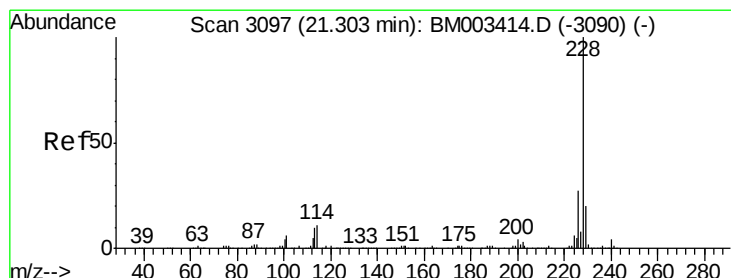
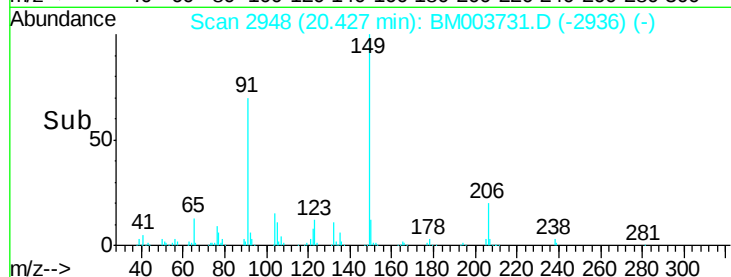
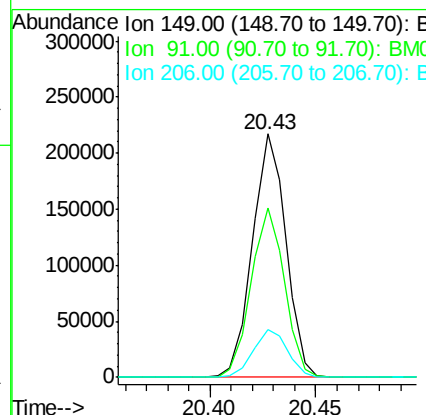
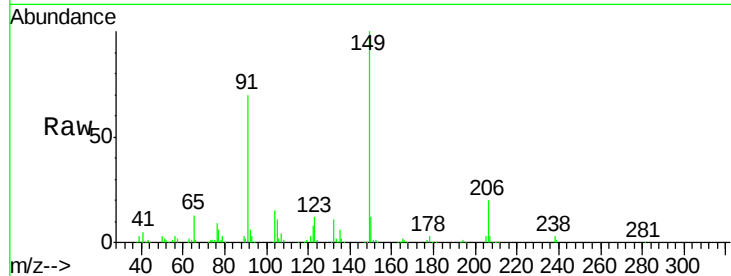
#79
Butylbenzylphthalate
Concen: 50.76 ng
RT: 20.43 min Scan# 2948
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	238962		
91	69.6	50.1	75.1	
206	19.8	16.2	24.2	

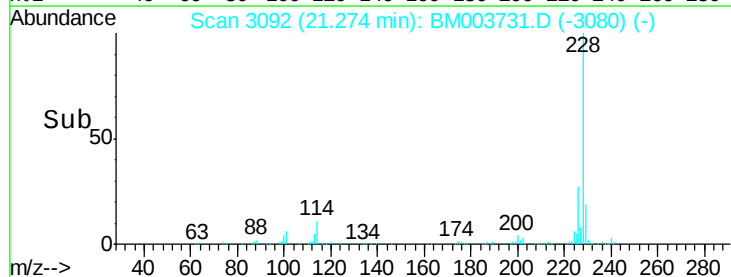
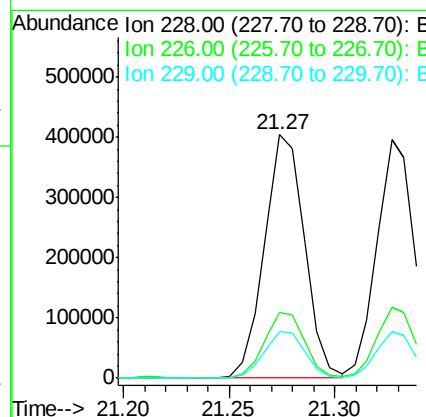
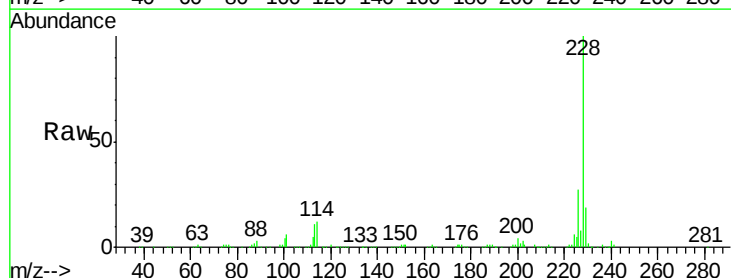
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#80
Benzo(a)anthracene
Concen: 51.07 ng
RT: 21.27 min Scan# 3092
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	533748		
226	27.1	21.7	32.5	
229	19.2	16.0	24.0	





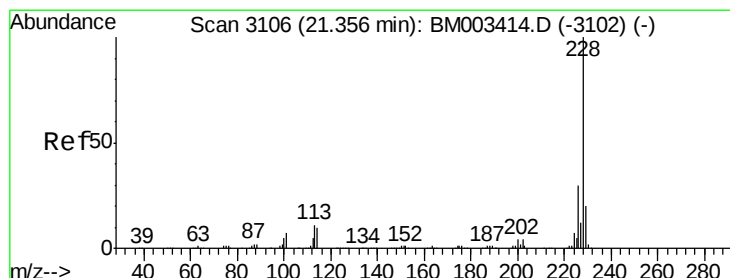
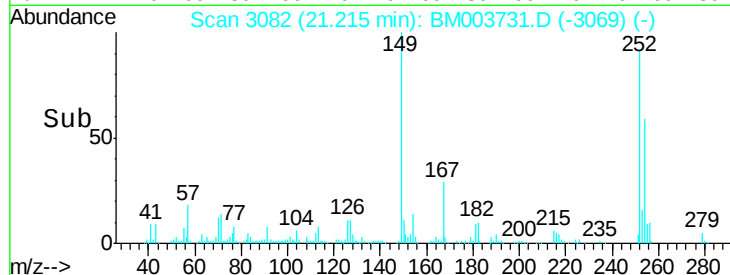
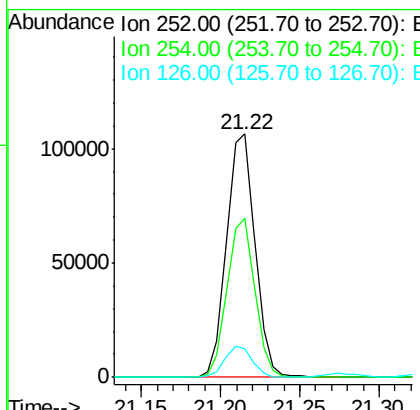
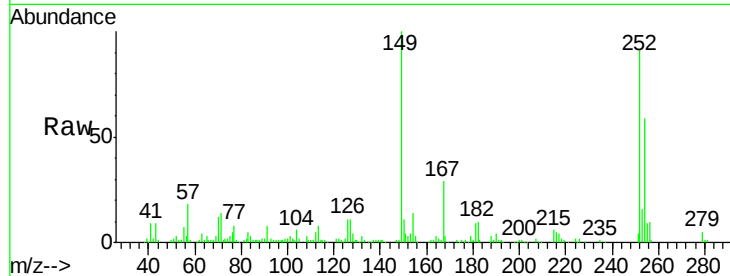
#81
 3,3'-Dichlorobenzidine
 Concen: 39.82 ng
 RT: 21.22 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.3	51.9	77.9
126	11.9	9.8	14.8

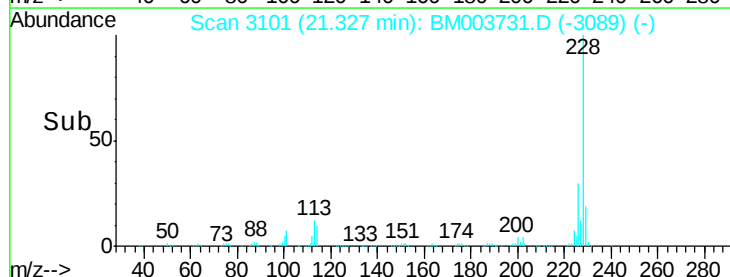
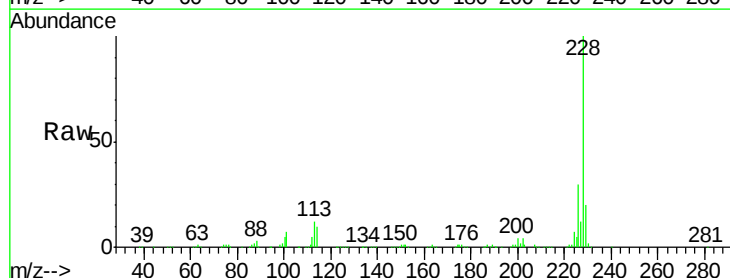
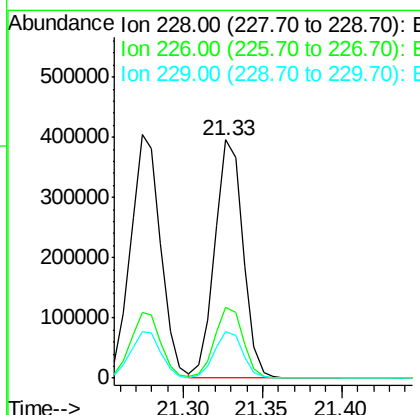
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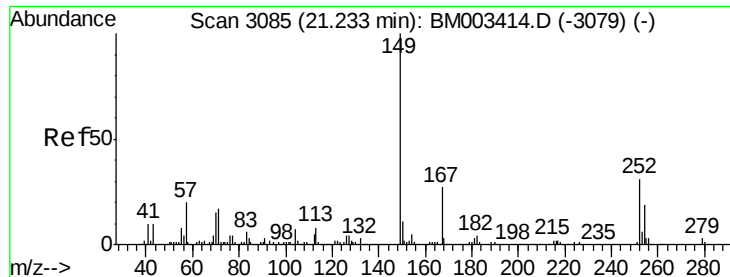
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#82
 Chrysene
 Concen: 48.58 ng
 RT: 21.33 min Scan# 3101
 Delta R.T. -0.03 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.9	24.1	36.1
229	19.5	15.5	23.3





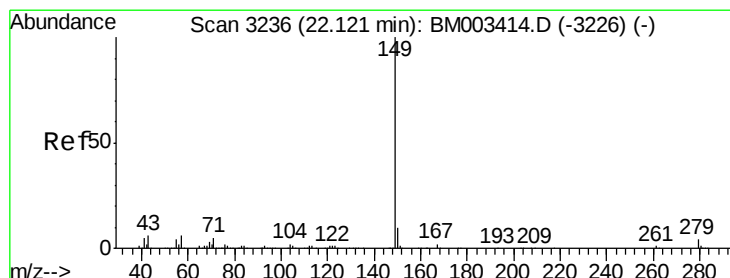
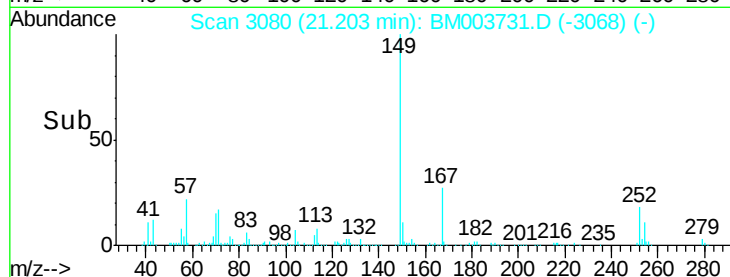
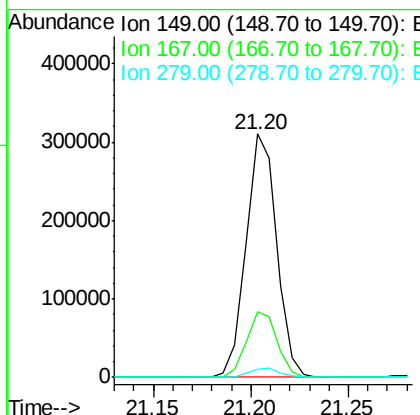
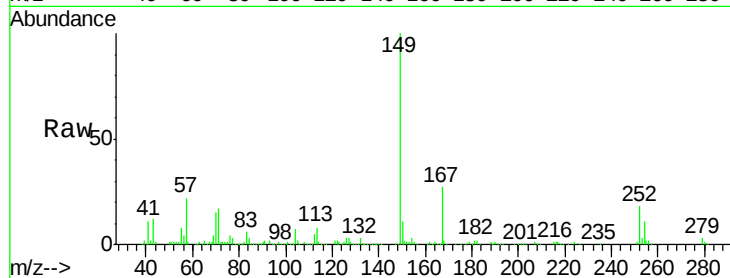
#83
Bis(2-ethylhexyl)phthalate
Concen: 52.24 ng
RT: 21.20 min Scan# 3080
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	337313		
167	26.9	22.4	33.6	
279	3.5	3.4	5.0	

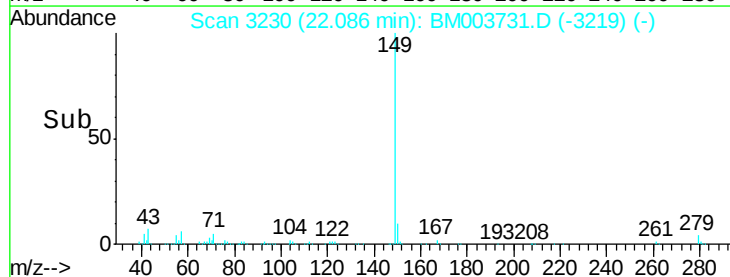
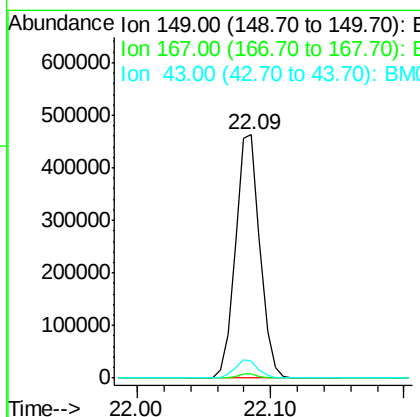
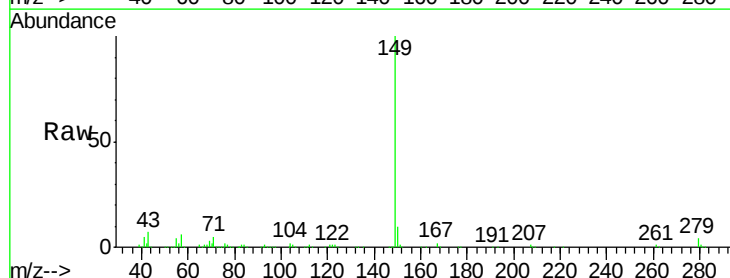
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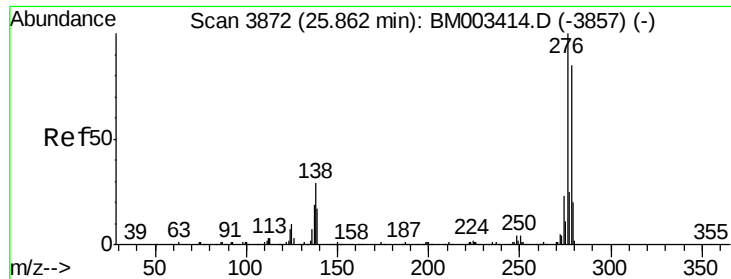
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#84
Di-n-octyl phthalate
Concen: 54.95 ng
RT: 22.09 min Scan# 3230
Delta R.T. -0.03 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	586187		
167	1.5	1.2	1.8	
43	7.3	7.3	10.9	





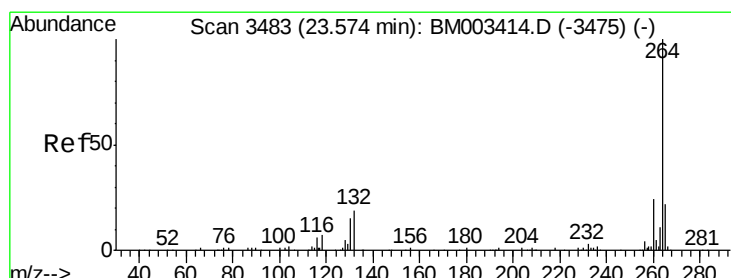
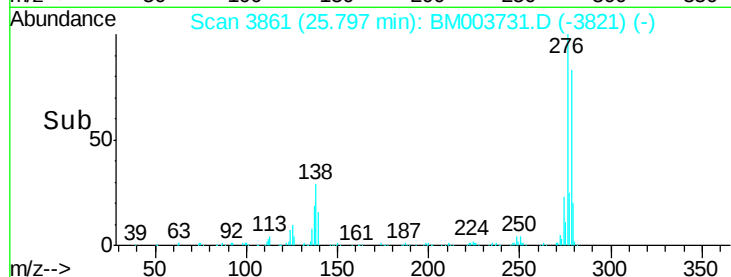
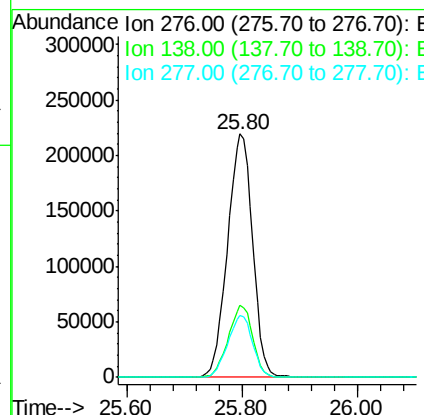
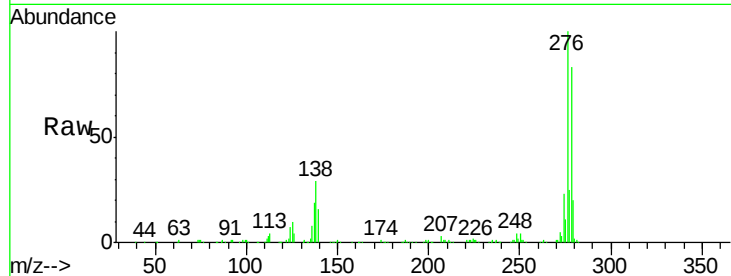
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 62.37 ng
 RT: 25.80 min Scan# 3861
 Delta R.T. -0.06 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	28.6	0.0	0.0		
277	25.1	0.0	0.0		

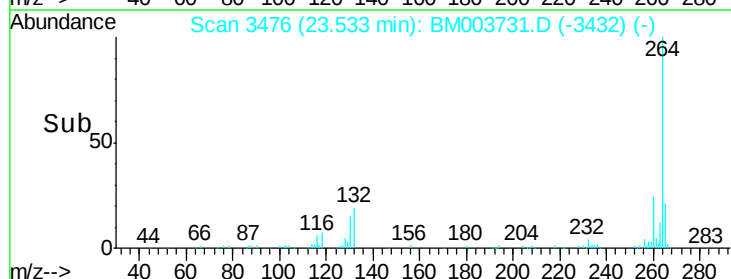
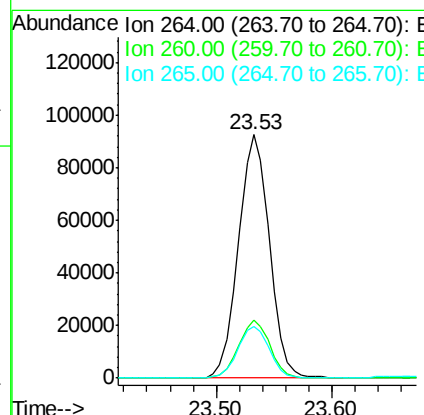
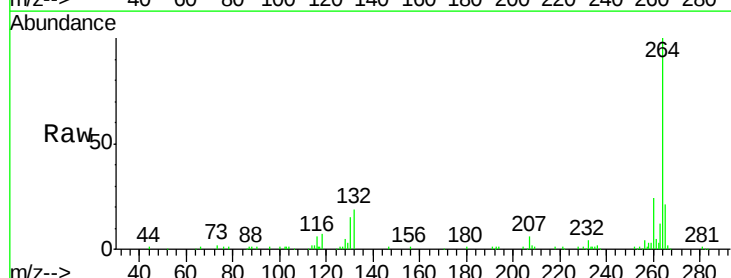
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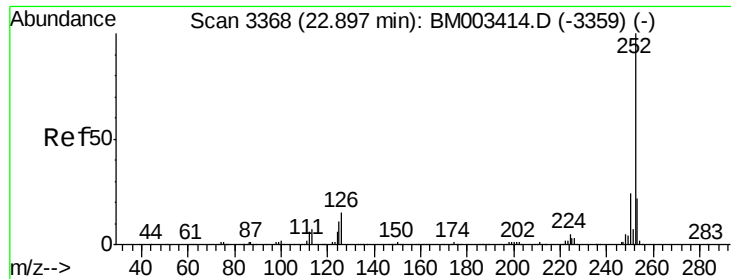
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.53 min Scan# 3476
 Delta R.T. -0.04 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.1	18.6	27.8		
265	21.4	17.3	25.9		





#87

Benzo(b)fluoranthene

Concen: 52.38 ng

RT: 22.86 min Scan# 3362

Delta R.T. -0.04 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Instrument :

BNA_M

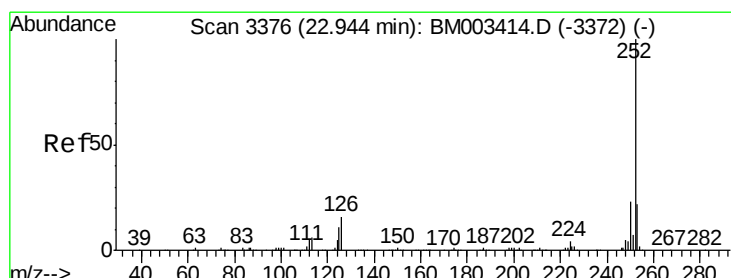
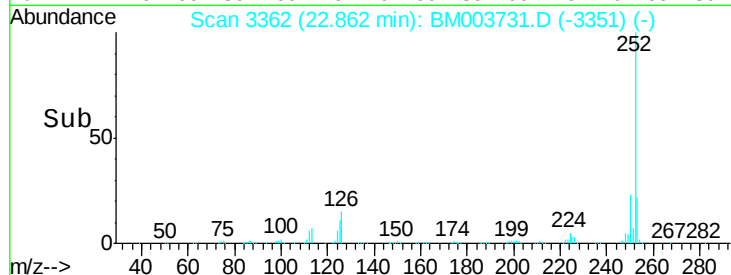
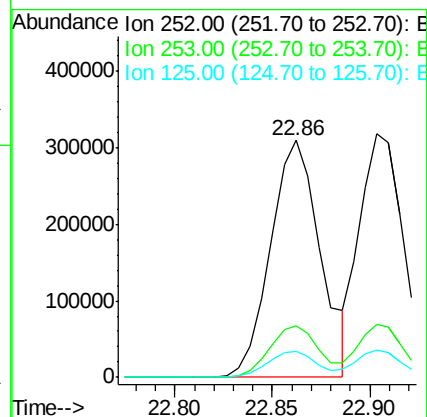
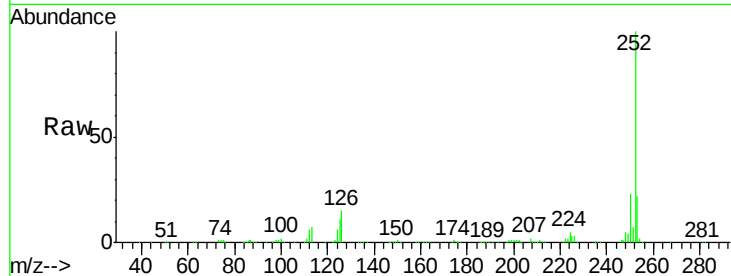
ClientSampleId :

LTCWC-01MSD

Tot Ion:	252	Resp:	548218
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	11.2	9.9	14.9

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#88

Benzo(k)fluoranthene

Concen: 48.30 ng

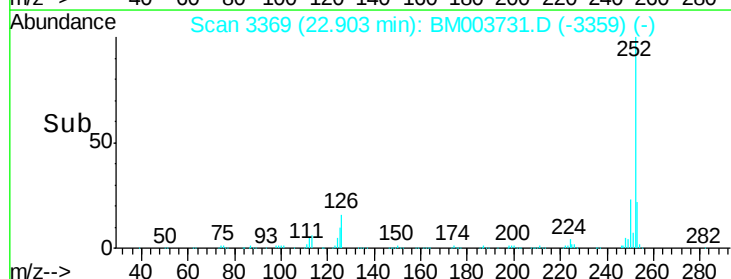
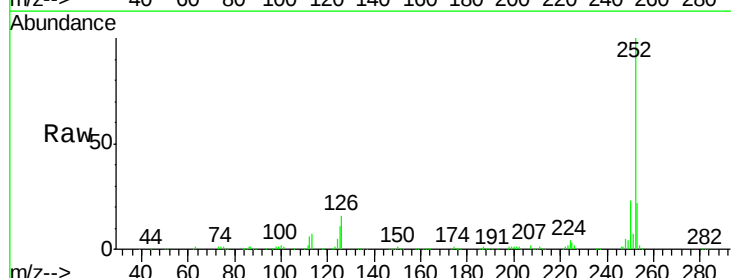
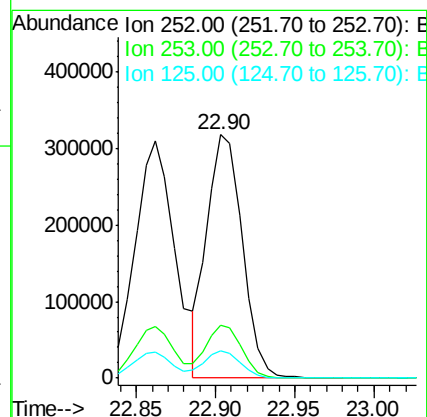
RT: 22.90 min Scan# 3369

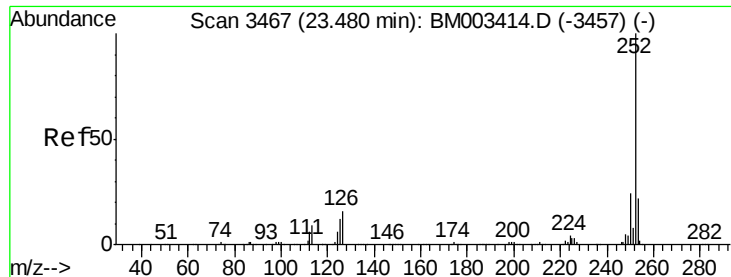
Delta R.T. -0.04 min

Lab File: BM003731.D

Acq: 23 Dec 2015 05:07

Tgt Ion:	252	Resp:	493520
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.2	25.8
125	11.2	8.1	12.1





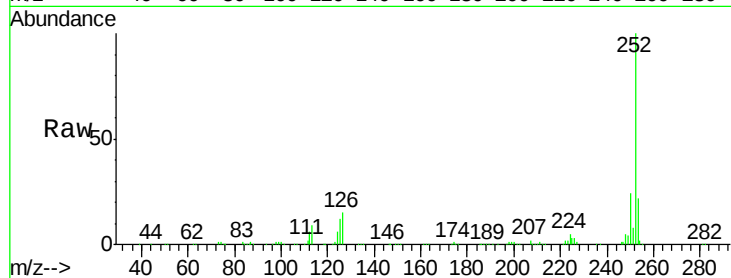
#89
Benzo(a)pyrene
Concen: 53.03 ng
RT: 23.44 min Scan# 3460
Delta R.T. -0.04 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Instrument :
BNA_M
ClientSampleId :
LTCWC-01MSD

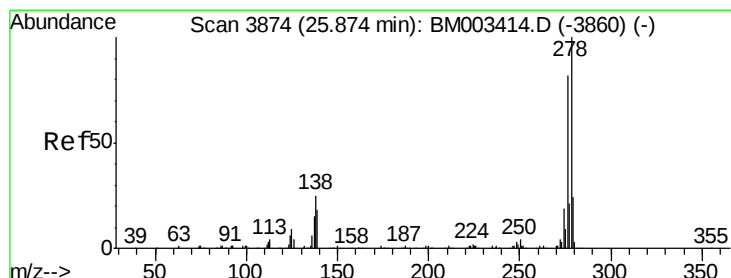
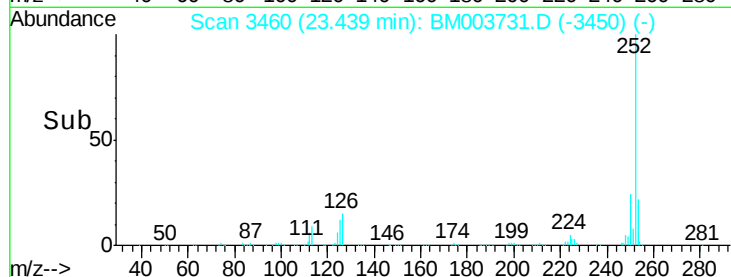
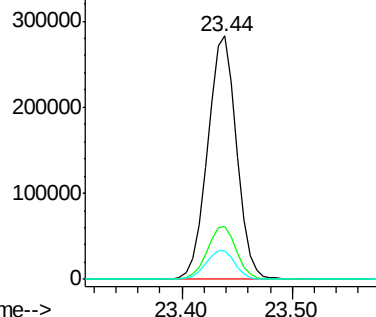
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	11.6	7.4	11.2

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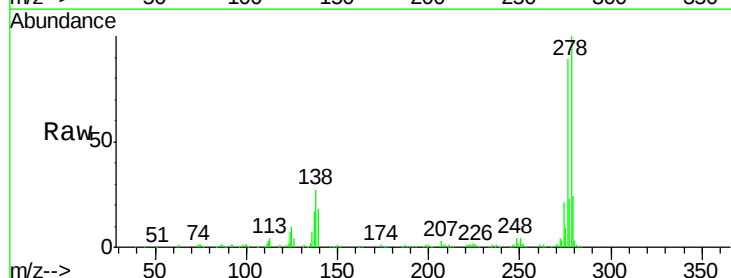


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

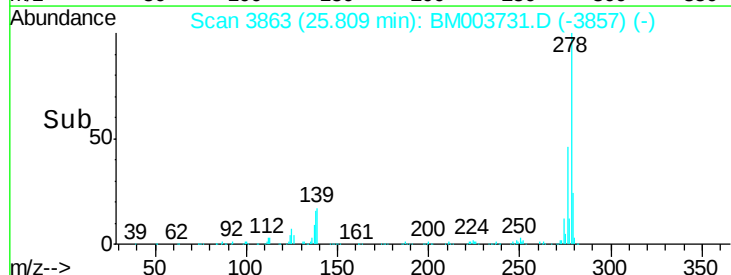
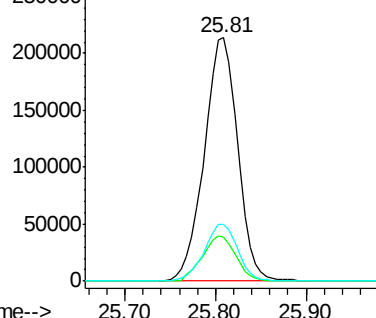


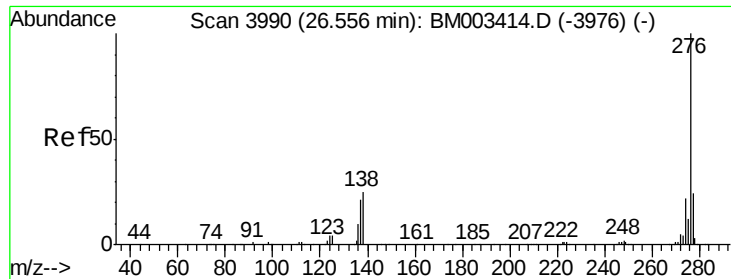
#90
Dibenzo(a,h)anthracene
Concen: 57.17 ng
RT: 25.81 min Scan# 3863
Delta R.T. -0.06 min
Lab File: BM003731.D
Acq: 23 Dec 2015 05:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.4	20.0
279	23.6	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 58.34 ng
 RT: 26.49 min Scan# 3979
 Delta R.T. -0.06 min
 Lab File: BM003731.D
 Acq: 23 Dec 2015 05:07

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01MSD

Tot Ion:	276	Resp:	566605
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.5	27.7
138	24.6	19.0	28.6

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