

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101816\
 Data File : BB058637.D
 Acq On : 18 Oct 2016 12:11
 Operator : UM/SJ
 Sample : MDL-01-S-ML
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleID :
 MDL-01-S-ML

Manual Integrations
 APPROVED

umangi
 10/19/2016 1:46:45 PM

Quant Time: Oct 19 12:11:40 2016
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 19 12:01:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	501475	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.64	136	1889061	20.00	ng/ul	-0.02
35) Acenaphthene-d10	15.59	164	1103963	20.00	ng/ul	-0.02
61) Phenanthrene-d10	18.44	188	1780723m	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	1714700	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1342817	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.67	96	86147	7.78	ng/uL	0.00
5) Phenol-d5	7.83	99	1179681	32.38	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.97	67	886432	36.32	ng/ul	-0.02
9) 2-Chlorophenol-d4	8.22	132	1305326	34.54	ng/ul	0.00
13) 4-Methylphenol-d8	9.47	113	997308	33.07	ng/ul	-0.02
19) Nitrobenzene-d5	9.91	128	666079	34.10	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.68	143	750059	35.69	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	11.26	165	983139	33.01	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.78	131	1355579	37.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.97	166	2747812	37.43	ng/ul	0.00
46) Acenaphthylene-d8	15.28	160	3125215	36.10	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	486535	28.86	ng/ul	-0.02
57) Fluorene-d10	16.61	176	2142887	35.64	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	16.73	200	518826	27.44	ng/ul	-0.02
70) Anthracene-d10	18.54	188	2761515	34.68	ng/ul	0.00
76) Pyrene-d10	20.88	212	3130306	41.55	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.68	264	2144231	34.97	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.71	88	7640	0.70 ng/uL#	1
4) Benzaldehyde	7.75	77	67264	2.87 ng/ul	94
6) Phenol	7.85	94	117057	3.24 ng/ul#	54
8) Bis(2-Chloroethyl)ether	8.06	93	103214	3.47 ng/ul#	76
10) 2-Chlorophenol	8.24	128	113231	3.15 ng/ul#	79
11) 2-Methylphenol	9.18	108	92316	3.18 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.28	45	202404	3.86 ng/ul#	88
14) Acetophenone	9.56	105	143720	3.26 ng/ul#	83
15) N-Nitroso-di-n-propylamine	9.56	70	88034	3.37 ng/ul#	55
16) 4-Methylphenol	9.53	108	97975	3.13 ng/ul	100
17) Hexachloroethane	9.85	117	58262	3.34 ng/ul#	65
20) Nitrobenzene	9.95	77	136782	3.73 ng/ul#	93
21) Isophorone	10.51	82	243142	3.44 ng/ul	98
23) 2-Nitrophenol	10.70	139	72734	3.32 ng/ul#	88
24) 2,4-Dimethylphenol	10.78	107	114803	3.20 ng/ul	96
25) Bis(2-Chloroethoxy)methane	11.01	93	115577	3.39 ng/ul#	95
27) 2,4-Dichlorophenol	11.28	162	94115	3.16 ng/ul#	88
28) Naphthalene	11.70	128	316881	3.52 ng/ul	99
30) 4-Chloroaniline	11.80	127	121363	3.57 ng/ul	97
31) Hexachlorobutadiene	12.05	225	64612	3.17 ng/ul	95
32) Caprolactam	12.61	113	27438	2.53 ng/ul	96
33) 4-Chloro-3-methylphenol	12.95	107	97594	3.28 ng/ul	96
34) 2-Methylnaphthalene	13.34	142	210771	3.40 ng/ul	97

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101816\
 Data File : BB058637.D
 Acq On : 18 Oct 2016 12:11
 Operator : UM/SJ
 Sample : MDL-01-S-ML
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S-ML

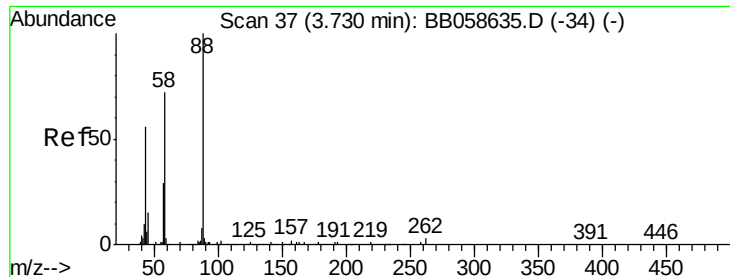
Manual Integrations
 APPROVED

umangi
 10/19/2016 1:46:45 PM

Quant Time: Oct 19 12:11:40 2016
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 19 12:01:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.74	216	110025	3.25	ng/ul#	97
37) Hexachlorocyclopentadiene	13.74	237	43678	2.04	ng/ul	99
38) 2,4,6-Trichlorophenol	13.97	196	61402	2.98	ng/ul	95
39) 2,4,5-Trichlorophenol	14.05	196	68317	3.12	ng/ul	96
40) 1,1'-Biphenyl	14.38	154	248079	3.35	ng/ul	99
41) 2-Chloronaphthalene	14.42	162	189871	3.22	ng/ul	93
42) 2-Nitroaniline	14.61	65	75260	3.32	ng/ul#	83
44) Dimethylphthalate	15.01	163	256151	3.49	ng/ul#	97
45) 2,6-Dinitrotoluene	15.13	165	53917	2.91	ng/ul	94
47) Acenaphthylene	15.30	152	300567	3.58	ng/ul	99
48) 3-Nitroaniline	14.61	138	70135	2.89	ng/ul#	43
49) Acenaphthene	15.65	153	189008	3.28	ng/ul	93
50) 2,4-Dinitrophenol	15.67	184	20448	1.55	ng/ul#	1
52) 4-Nitrophenol	15.80	109	41490	3.03	ng/ul	88
53) Dibenzofuran	15.99	168	269949	3.29	ng/ul#	87
54) 2,4-Dinitrotoluene	15.94	165	79998	3.09	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	16.25	232	56637	2.96	ng/ul#	94
56) Diethylphthalate	16.42	149	259211	3.40	ng/ul#	91
58) Fluorene	16.67	166	217320	3.25	ng/ul	94
59) 4-Chlorophenyl-phenylether	16.65	204	109172	3.04	ng/ul#	79
60) 4-Nitroaniline	16.67	138	34446	1.80	ng/ul#	71
63) 4,6-Dinitro-2-methylphenol	16.75	198	54418	2.88	ng/ul#	79
64) N-Nitrosodiphenylamine	16.88	169	177716	3.09	ng/ul	94
65) 4-Bromophenyl-phenylether	17.59	248	66024m	2.90	ng/ul	
66) Hexachlorobenzene	17.75	284	68371	2.99	ng/ul	91
67) Atrazine	17.86	200	61620	2.82	ng/ul#	85
68) Pentachlorophenol	18.09	266	32656	2.02	ng/ul	98
69) Phenanthrene	18.48	178	298899m	3.37	ng/ul	
71) Anthracene	18.57	178	309698	3.42	ng/ul	99
72) Carbazole	18.82	167	248077m	3.28	ng/ul	
73) Di-n-butylphthalate	19.42	149	431957	3.50	ng/ul	98
74) Fluoranthene	20.52	202	308353	3.42	ng/ul#	89
77) Pyrene	20.90	202	374313	4.18	ng/ul#	94
78) Butylbenzylphthalate	21.79	149	176003	3.03	ng/ul#	76
79) 3,3'-Dichlorobenzidine	22.68	252	55499	1.83	ng/ul#	97
80) Benzo(a)anthracene	22.77	228	312747	3.58	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	22.68	149	249944	3.24	ng/ul#	95
82) Chrysene	22.83	228	276973	3.38	ng/ul	99
84) Di-n-octyl phthalate	22.68	149	249944	3.58	ng/ul#	12
85) Benzo(b)fluoranthene	24.91	252	275951	3.11	ng/ul#	98
86) Benzo(k)fluoranthene	24.97	252	205422	2.99	ng/ul#	97
88) Benzo(a)pyrene	25.74	252	225908	3.03	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.14	276	156232	2.40	ng/ul#	91
90) Dibenzo(a,h)anthracene	29.18	278	118892	2.20	ng/ul#	94
91) Benzo(g,h,i)perylene	30.15	276	128110	2.49	ng/ul#	91

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



#2

1,4-Dioxane

Concen: 0.70 ng/uL

RT: 3.71 min Scan# 36

Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Instrument :

BNA_B

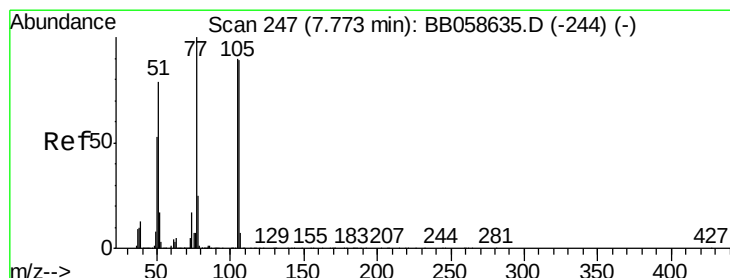
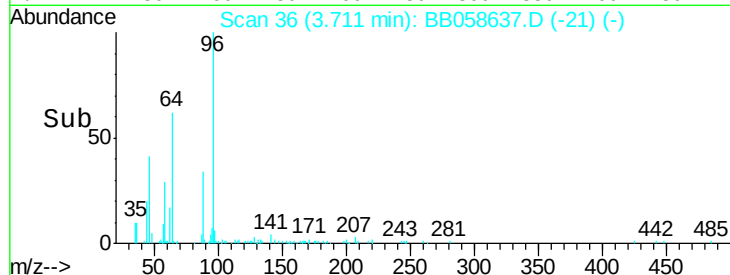
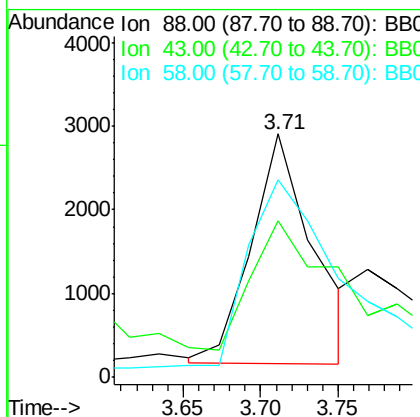
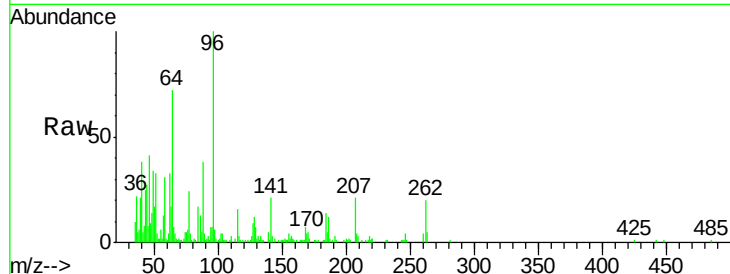
ClientSampleId :

MDL-01-S-ML

Tgt Ion:	88	Resp:	7640
Ion	Ratio	Lower	Upper
88	100		
43	84.3	22.6	34.0#
58	159.5	57.3	85.9#

Manual Integrations
APPROVED

umangi
10/19/2016 1:46:45 PM



#4

Benzaldehyde

Concen: 2.87 ng/uL

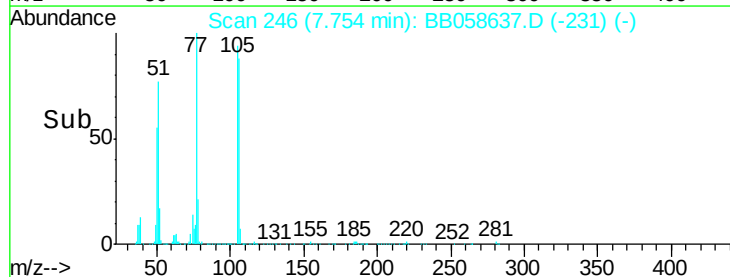
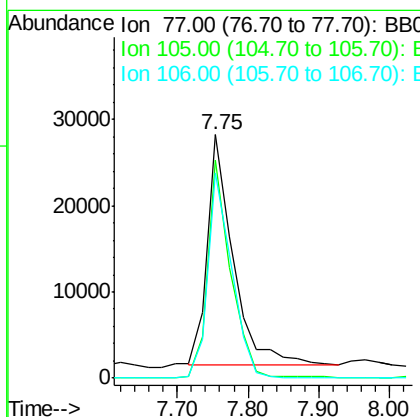
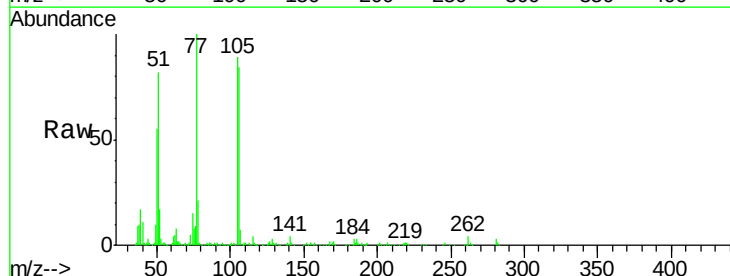
RT: 7.75 min Scan# 246

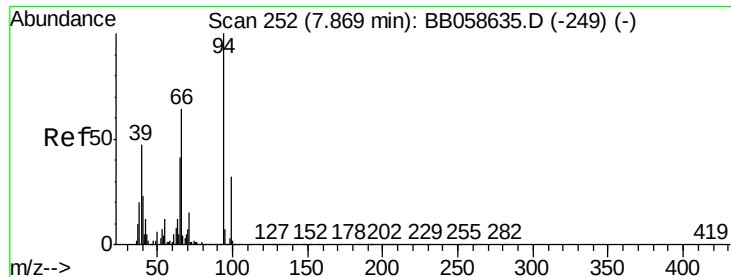
Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Tgt Ion:	77	Resp:	67264
Ion	Ratio	Lower	Upper
77	100		
105	89.5	76.9	115.3
106	84.1	71.8	107.8





#6

Phenol

Concen: 3.24 ng/ul

RT: 7.85 min Scan# 251

Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Instrument :

BNA_B

ClientSampleId :

MDL-01-S-ML

Tgt Ion: 94 Resp: 117057

Ion Ratio Lower Upper

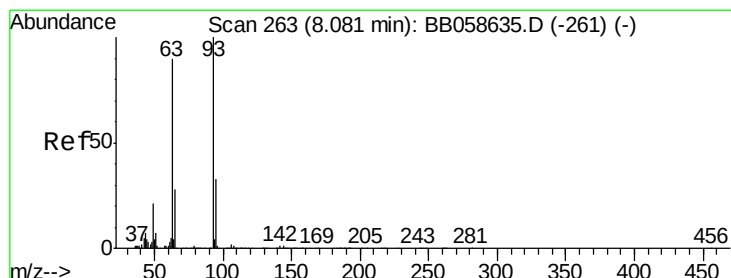
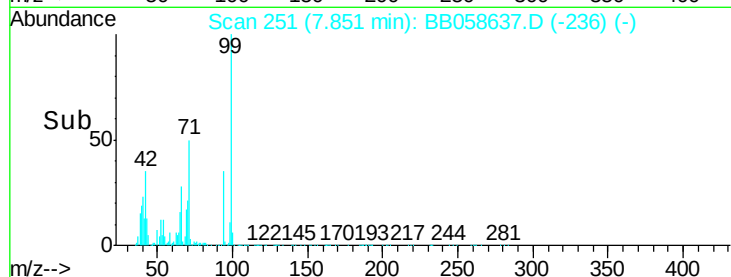
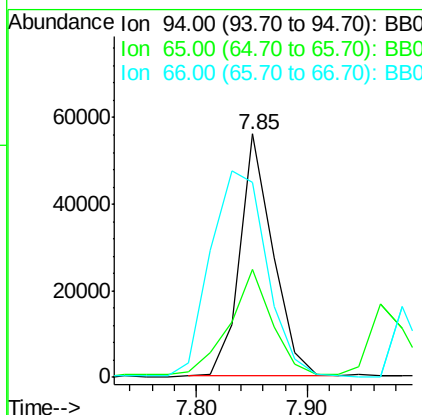
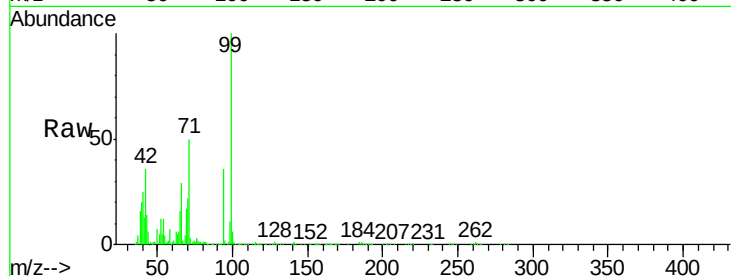
94 100

65 44.5 23.9 35.9#

66 80.0 33.5 50.3#

Manual Integrations
APPROVED

umangi
10/19/2016 1:46:45 PM



#8

Bis(2-Chloroethyl)ether

Concen: 3.47 ng/ul

RT: 8.06 min Scan# 262

Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

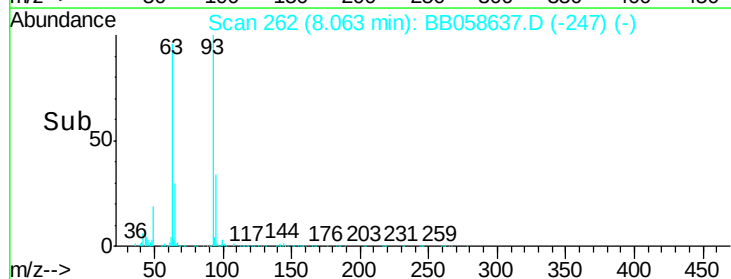
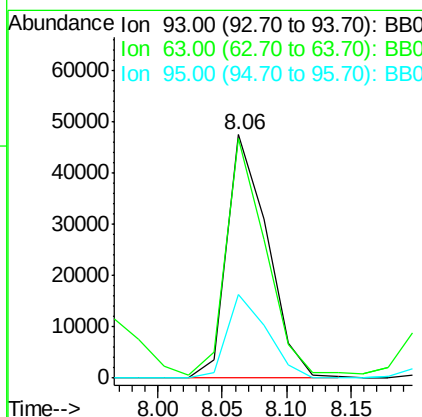
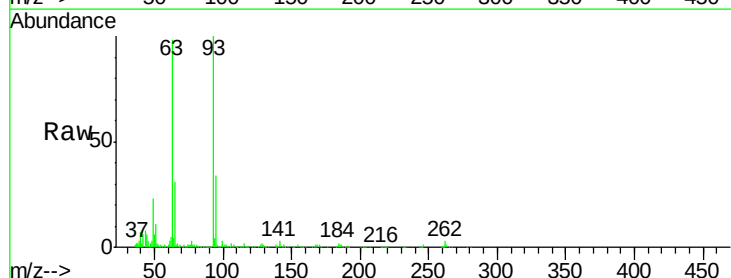
Tgt Ion: 93 Resp: 103214

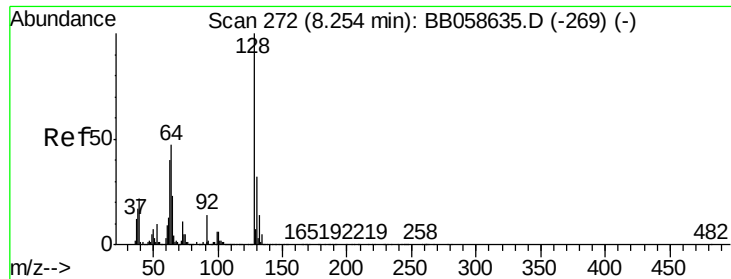
Ion Ratio Lower Upper

93 100

63 98.4 57.3 85.9#

95 34.2 25.1 37.7





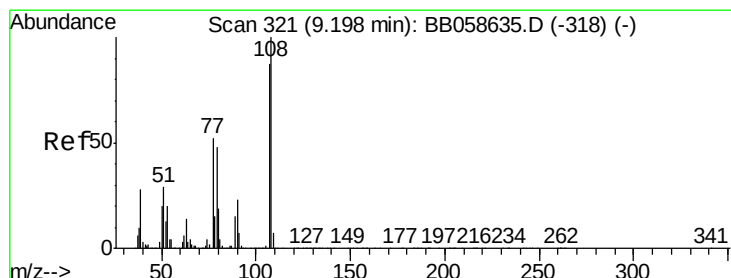
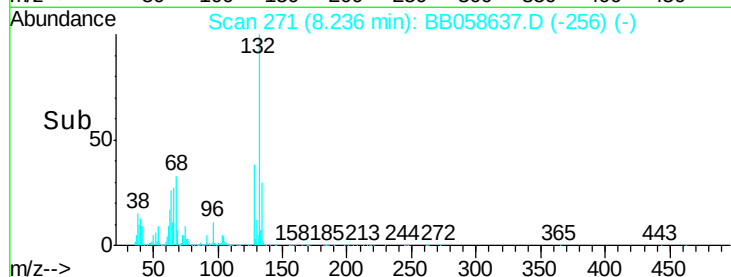
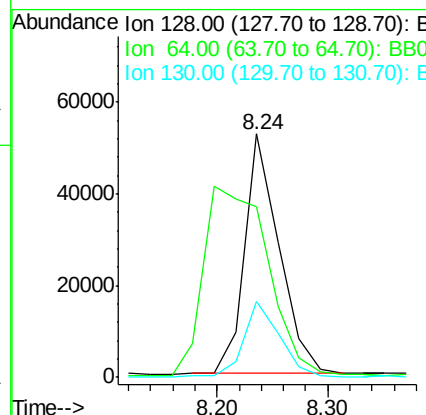
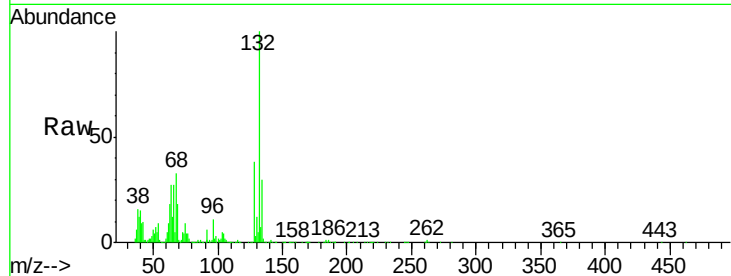
#10
2-Chlorophenol
Concen: 3.15 ng/ul
RT: 8.24 min Scan# 271
Delta R.T. -0.02 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Instrument :
BNA_B
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	113231		
64	70.1	37.5	56.3#	
130	31.2	25.0	37.4	

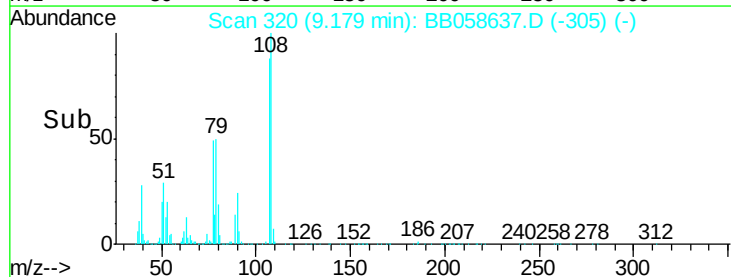
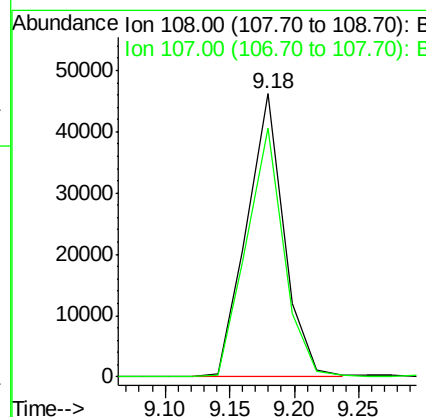
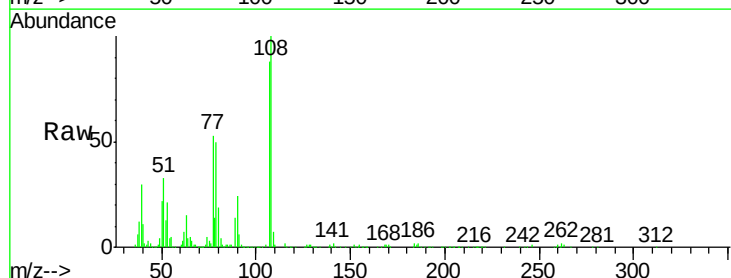
Manual Integrations
APPROVED

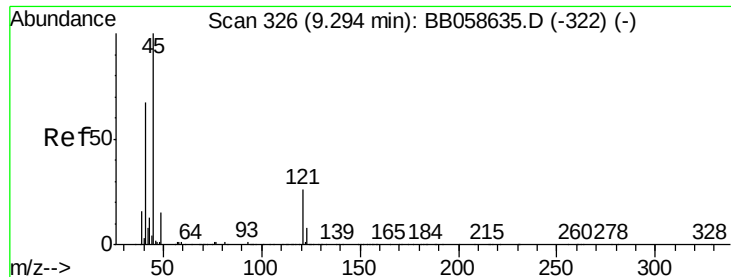
umangi
10/19/2016 1:46:45 PM



#11
2-Methylphenol
Concen: 3.18 ng/ul
RT: 9.18 min Scan# 320
Delta R.T. -0.02 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	92316		
107	87.8	71.8	107.6	





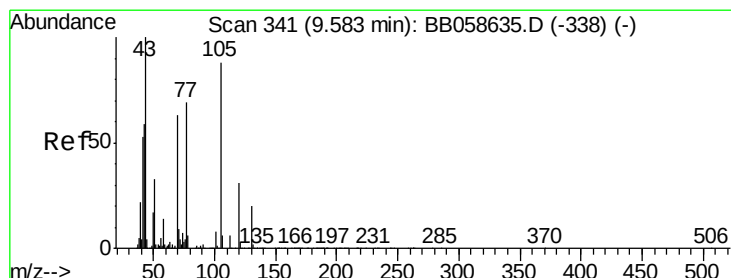
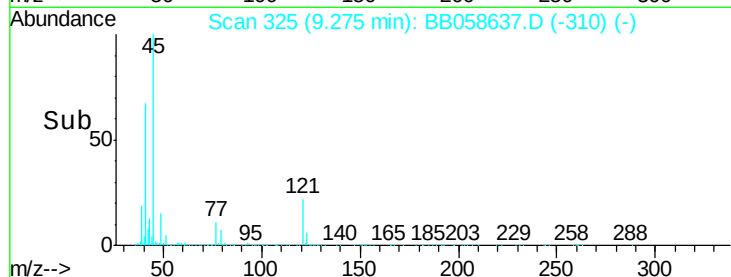
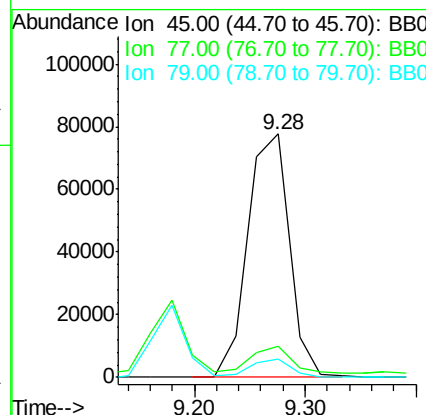
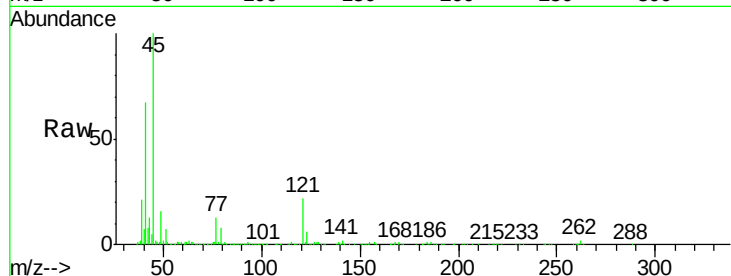
#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.86 ng/ul
RT: 9.28 min Scan# 325
Delta R.T. -0.02 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Instrument :
BNA_B
ClientSampled :
MDL-01-S-ML

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	14.1	21.1#
79	7.5	10.4	15.6#

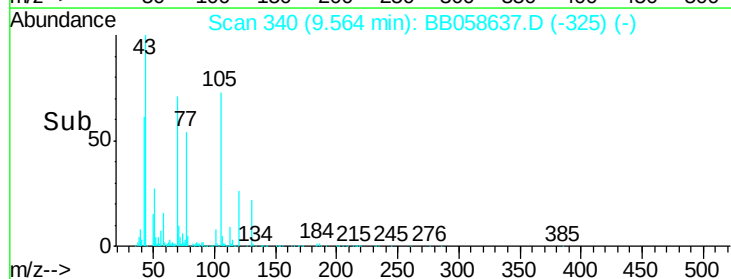
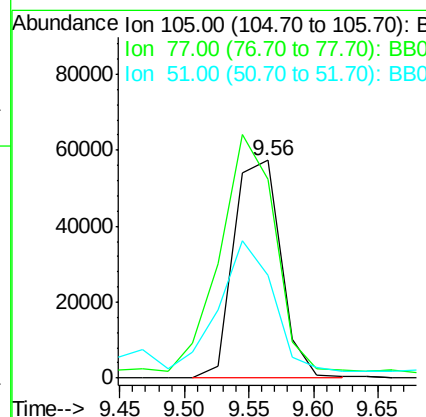
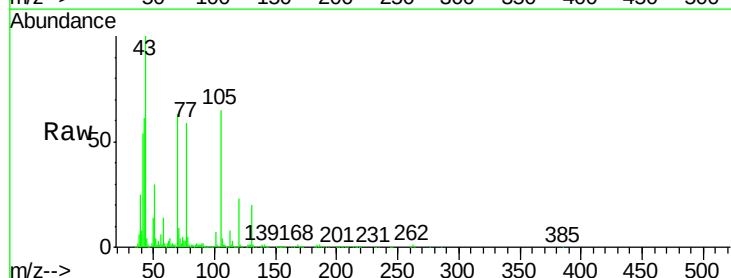
Manual Integrations
APPROVED

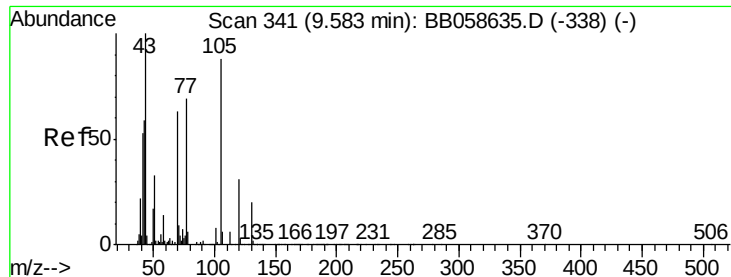
umangi
10/19/2016 1:46:45 PM



#14
Acetophenone
Concen: 3.26 ng/ul
RT: 9.56 min Scan# 340
Delta R.T. -0.02 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Lower	Upper
105	100		
77	91.3	65.9	98.9
51	46.9	22.2	33.2#





#15

N-Nitroso-di-n-propylamine

Concen: 3.37 ng/ul

RT: 9.56 min Scan# 340

Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Instrument :

BNA_B

ClientSampleId :

MDL-01-S-ML

Tgt Ion: 70 Resp: 88034

Ion Ratio Lower Upper

70 100

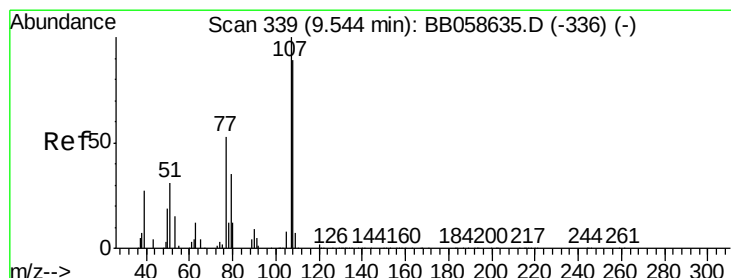
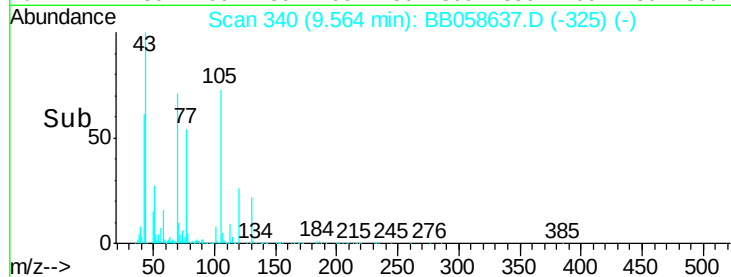
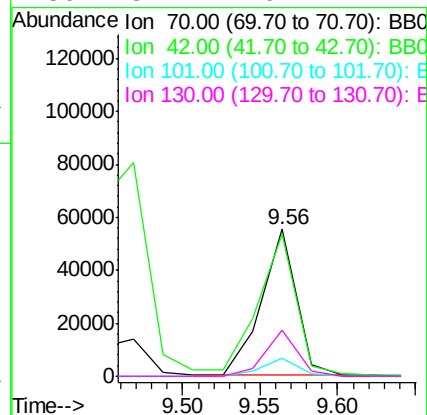
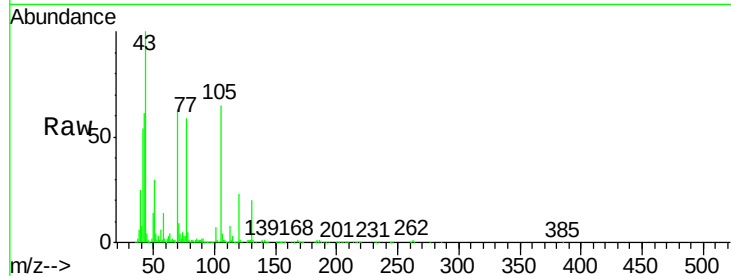
42 97.2 43.4 65.2#

101 11.9 7.8 11.6#

130 31.2 16.2 24.4#

Manual Integrations
APPROVED

umangi
10/19/2016 1:46:45 PM



#16

4-Methylphenol

Concen: 3.13 ng/ul

RT: 9.53 min Scan# 338

Delta R.T. -0.02 min

Lab File: BB058637.D

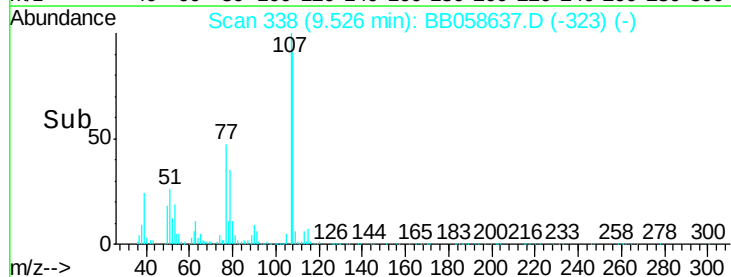
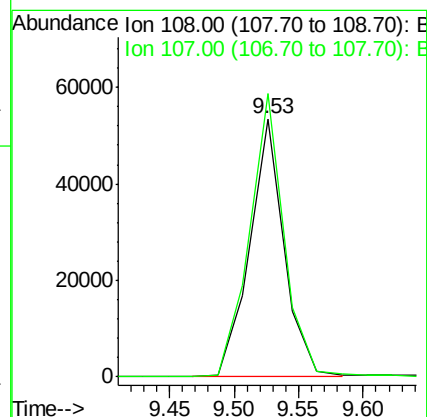
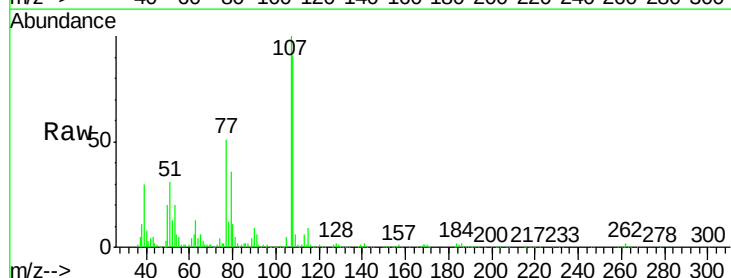
Acq: 18 Oct 2016 12:11

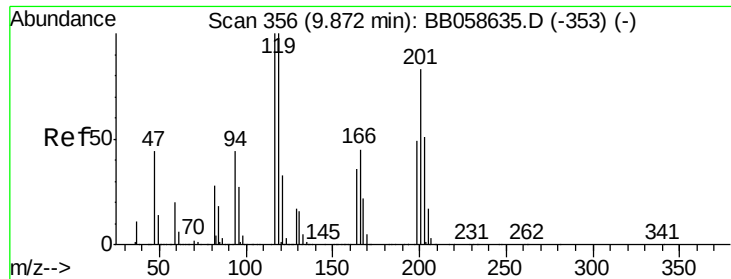
Tgt Ion: 108 Resp: 97975

Ion Ratio Lower Upper

108 100

107 109.7 87.8 131.8





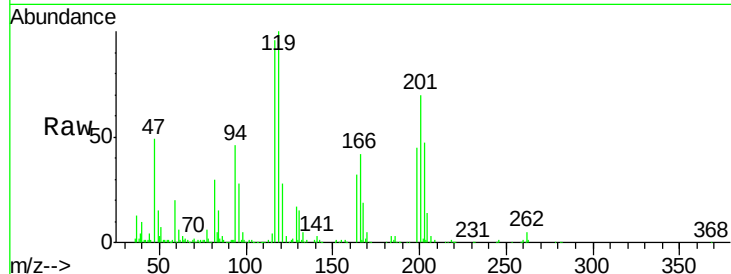
#17
Hexachloroethane
Concen: 3.34 ng/ul
RT: 9.85 min Scan# 355
Delta R.T. -0.02 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Instrument :
BNA_B
ClientSampleId :
MDL-01-S-ML

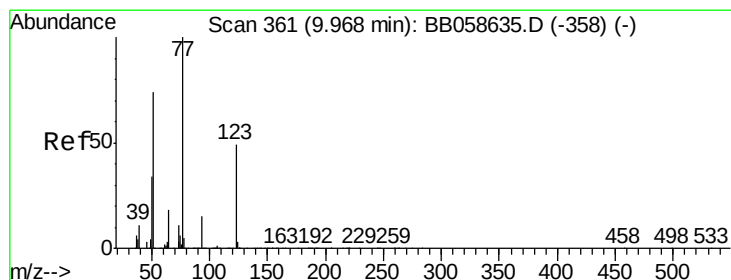
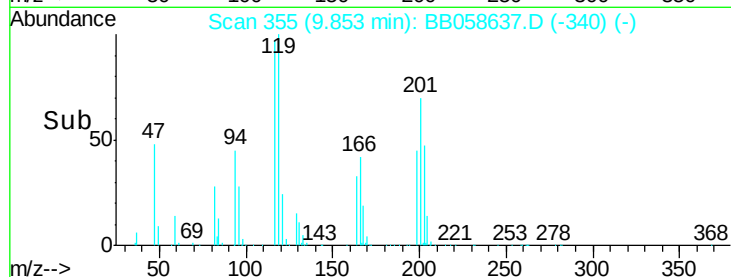
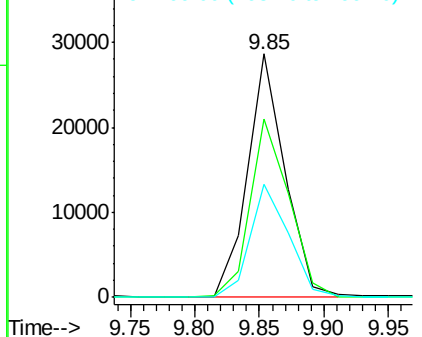
Tgt Ion	Ratio	Resp Lower	Upper
117	100		
201	73.0	90.3	135.5#
199	46.2	58.5	87.7#

Manual Integrations
APPROVED

umangi
10/19/2016 1:46:45 PM

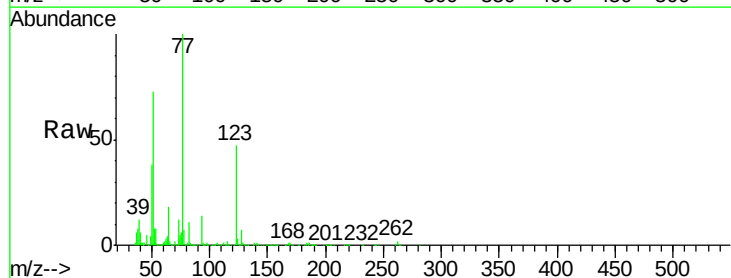


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

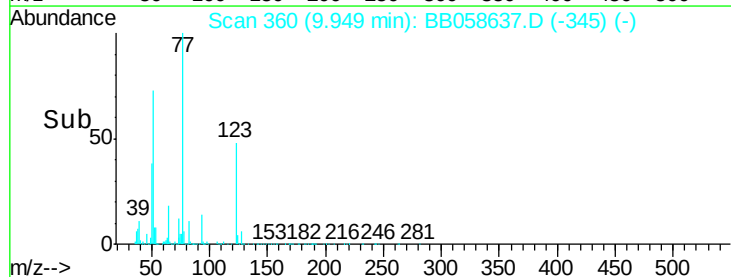
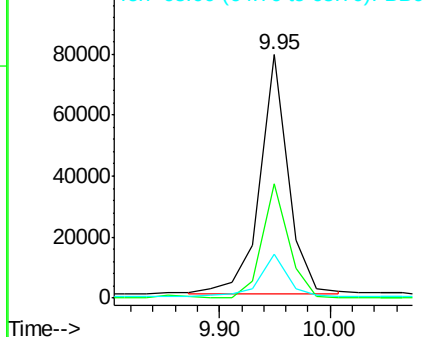


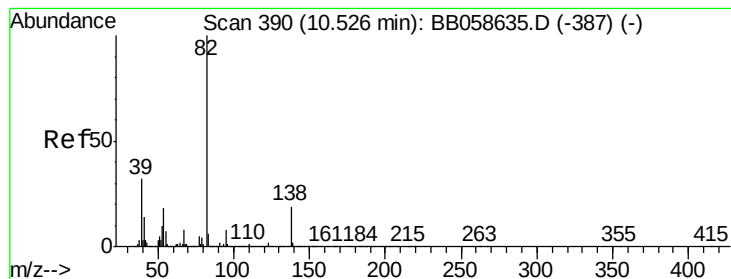
#20
Nitrobenzene
Concen: 3.73 ng/ul
RT: 9.95 min Scan# 360
Delta R.T. -0.02 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	46.8	34.2	51.4
65	17.9	11.0	16.6#



Abundance Ion 77.00 (76.70 to 77.70): BB0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BB0





#21

Isophorone

Concen: 3.44 ng/ul

RT: 10.51 min Scan# 389

Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Instrument :

BNA_B

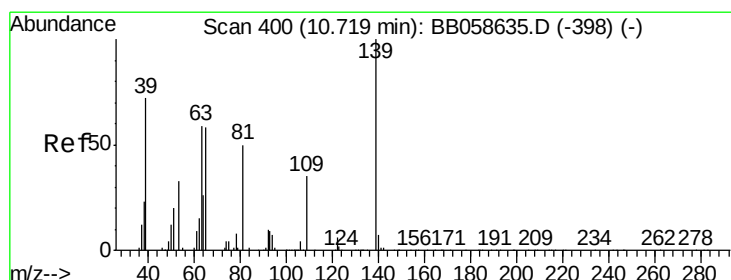
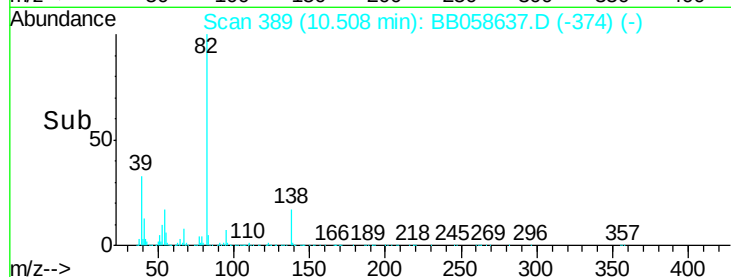
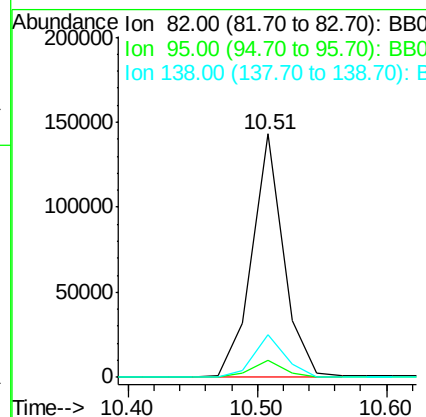
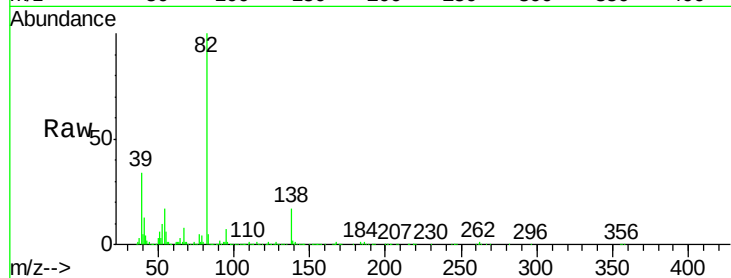
ClientSampleId :

MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	243142		
95	7.1	6.9	10.3	
138	17.4	13.8	20.8	

Manual Integrations
APPROVED

umangi
10/19/2016 1:46:45 PM



#23

2-Nitrophenol

Concen: 3.32 ng/ul

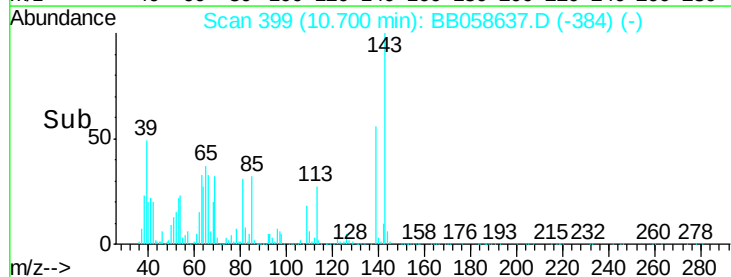
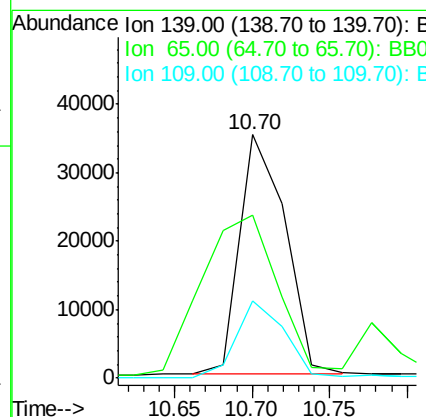
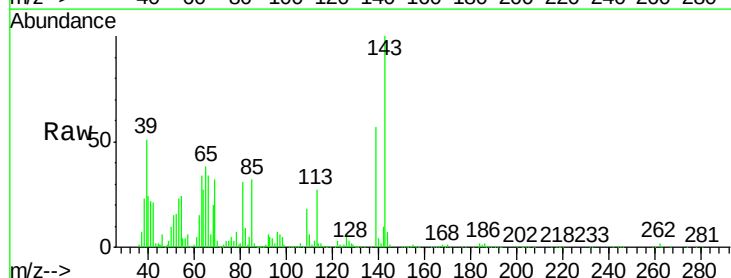
RT: 10.70 min Scan# 399

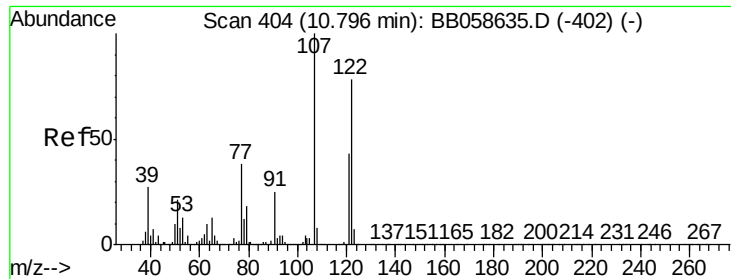
Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	72734		
65	67.0	44.2	66.4#	
109	31.8	28.2	42.4	





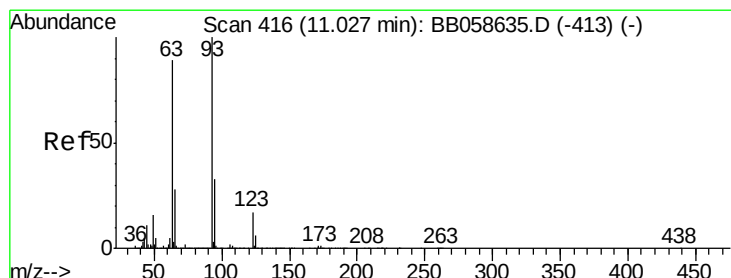
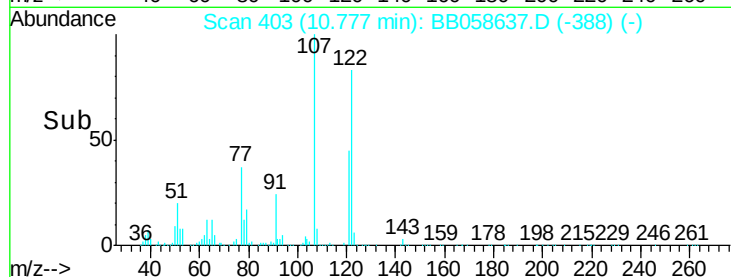
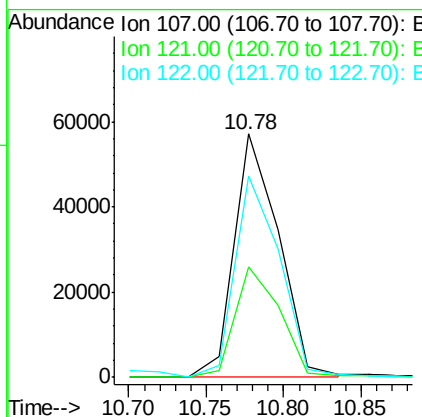
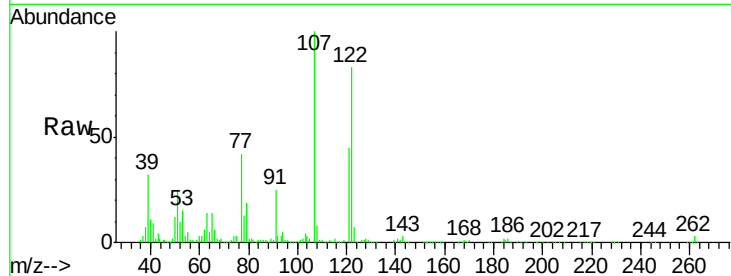
#24
 2,4-Dimethylphenol
 Concen: 3.20 ng/ul
 RT: 10.78 min Scan# 403
 Delta R.T. -0.02 min
 Lab File: BB058637.D
 Acq: 18 Oct 2016 12:11

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
121	45.3	37.1	55.7
122	82.6	62.8	94.2

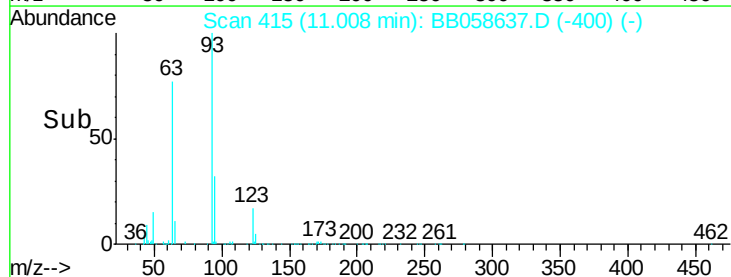
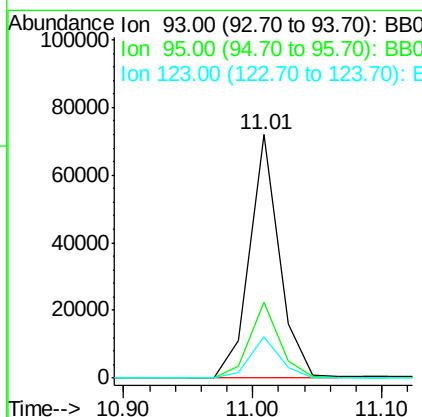
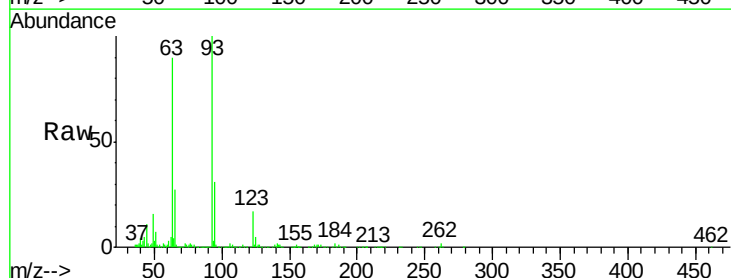
Manual Integrations
 APPROVED

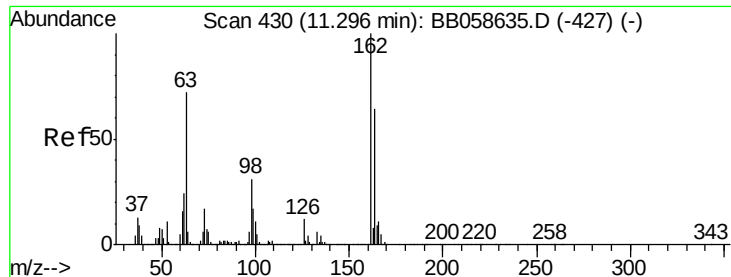
umangi
 10/19/2016 1:46:45 PM



#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.39 ng/ul
 RT: 11.01 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BB058637.D
 Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
95	31.2	25.4	38.0
123	16.8	8.3	12.5





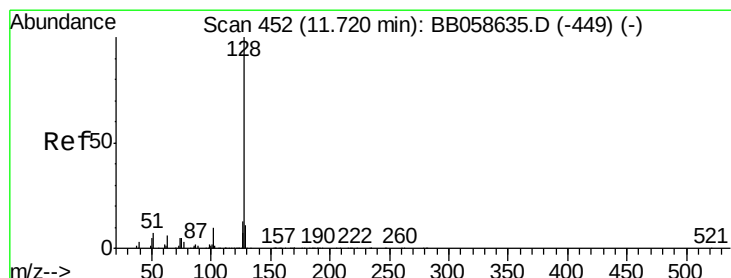
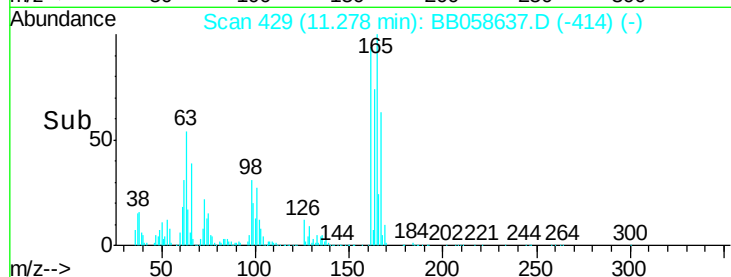
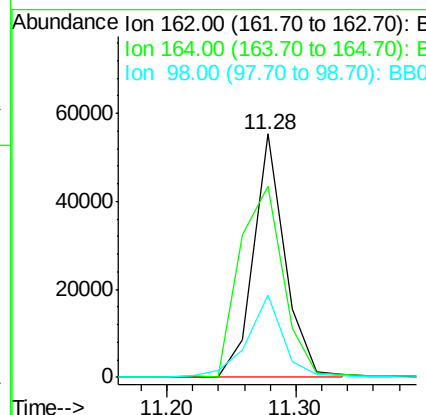
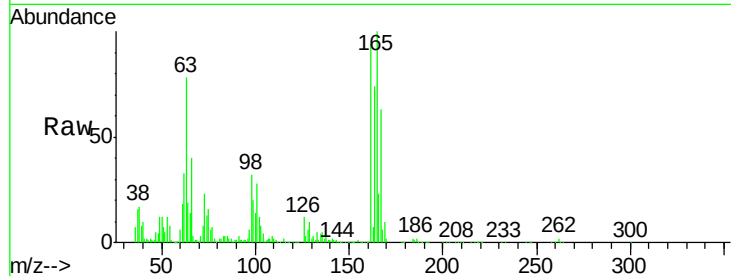
#27
 2,4-Dichlorophenol
 Concen: 3.16 ng/ul
 RT: 11.28 min Scan# 429
 Delta R.T. -0.02 min
 Lab File: BB058637.D
 Acq: 18 Oct 2016 12:11

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	94115		
164	78.3	51.6	77.4#	
98	33.8	28.4	42.6	

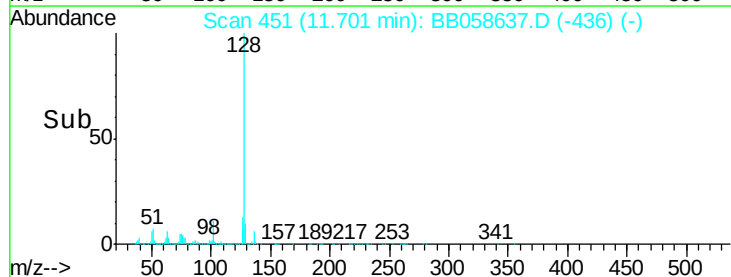
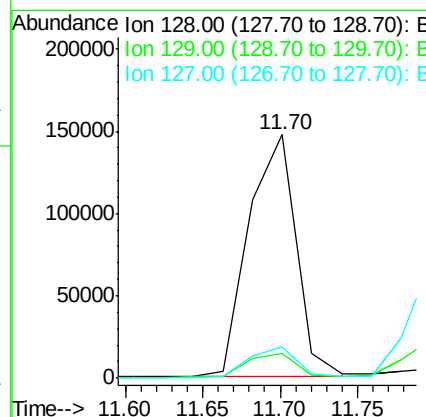
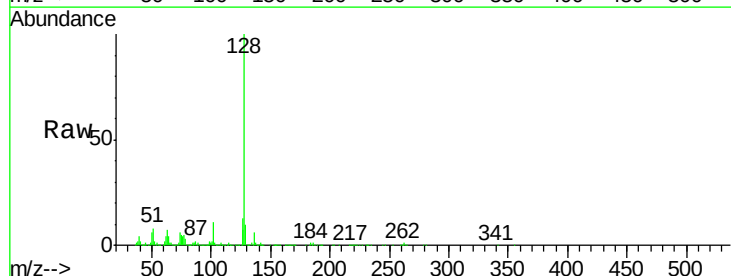
Manual Integrations
 APPROVED

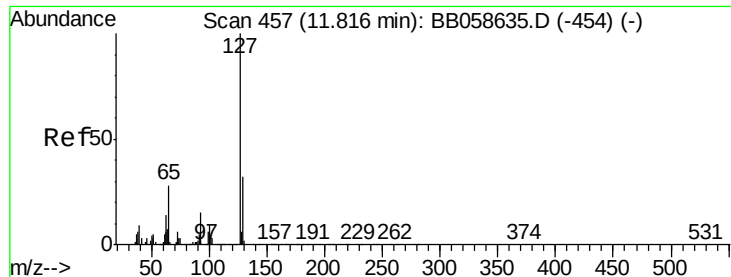
umangi
 10/19/2016 1:46:45 PM



#28
 Naphthalene
 Concen: 3.52 ng/ul
 RT: 11.70 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BB058637.D
 Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	316881		
129	10.1	8.6	12.8	
127	12.8	10.6	15.8	





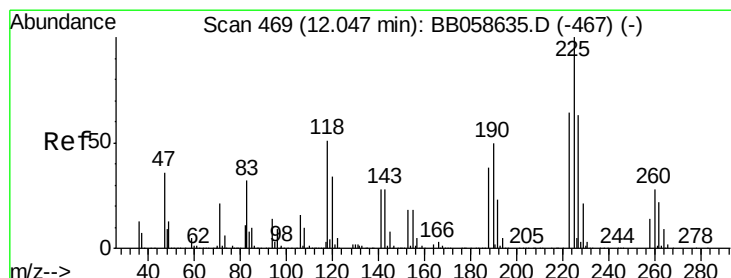
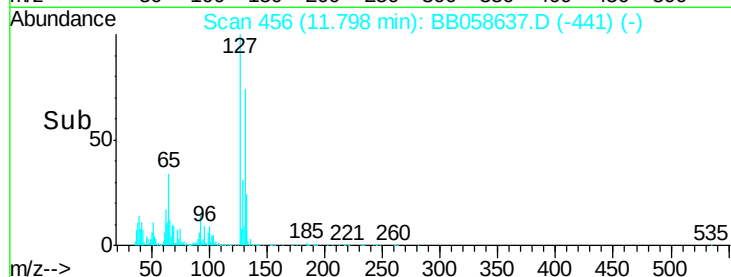
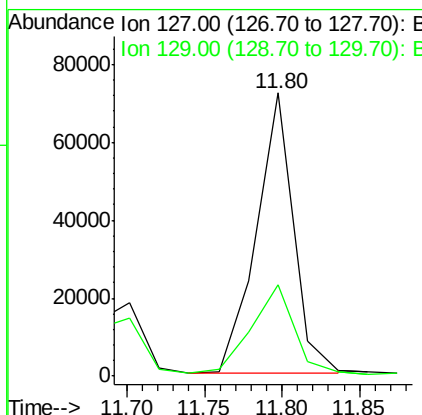
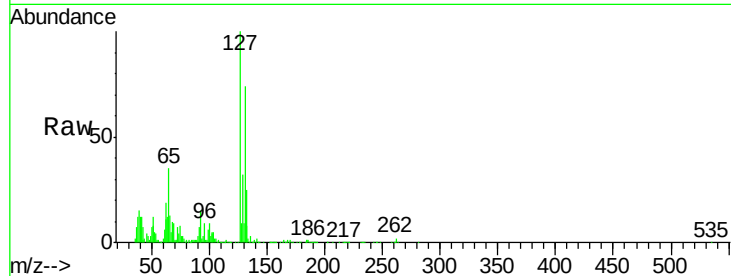
#30
4-Chloroaniline
Concen: 3.57 ng/ul
RT: 11.80 min Scan# 456
Delta R.T. -0.02 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Instrument :
BNA_B
ClientSampleId :
MDL-01-S-ML

Tgt Ion:127 Resp: 121363
Ion Ratio Lower Upper
127 100
129 32.2 24.6 37.0

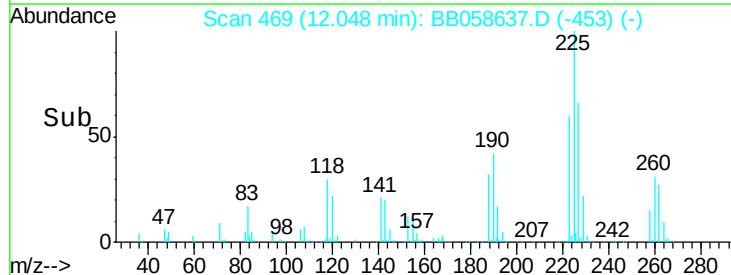
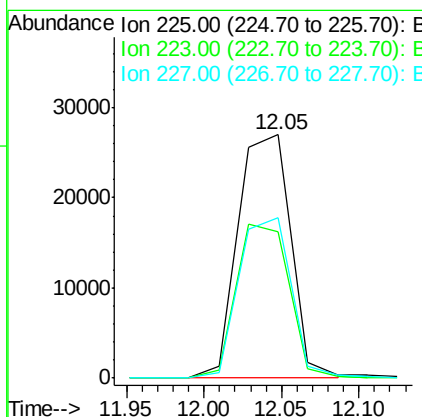
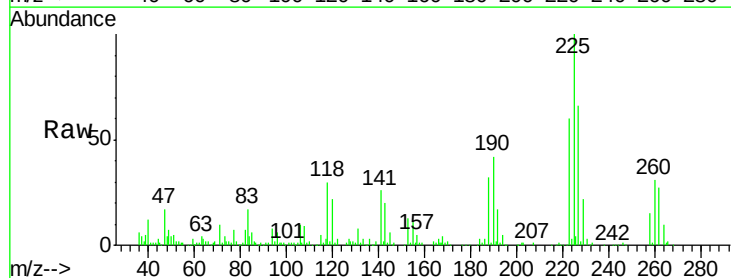
Manual Integrations
APPROVED

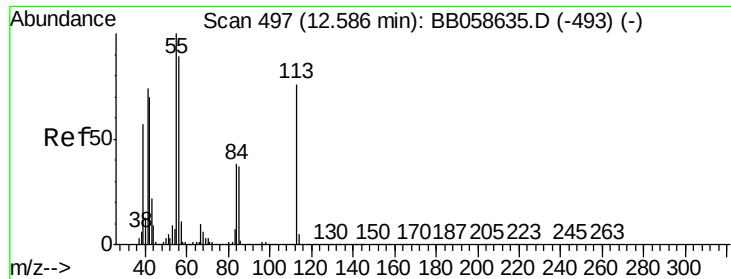
umangi
10/19/2016 1:46:45 PM



#31
Hexachlorobutadiene
Concen: 3.17 ng/ul
RT: 12.05 min Scan# 469
Delta R.T. 0.00 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Tgt Ion:225 Resp: 64612
Ion Ratio Lower Upper
225 100
223 58.0 51.2 76.8
227 63.8 52.5 78.7





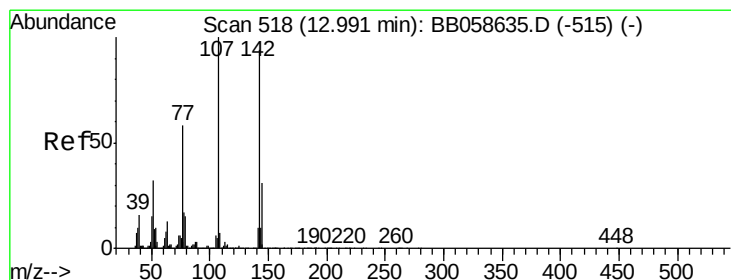
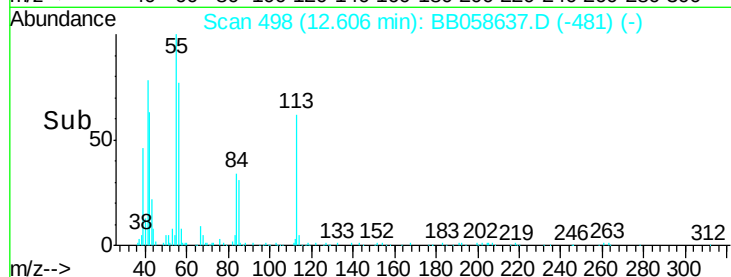
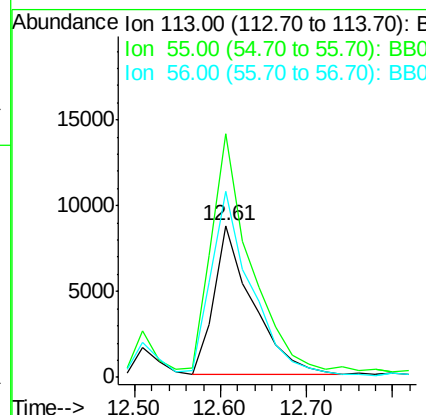
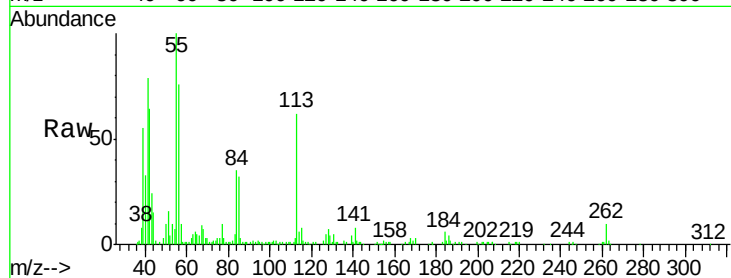
#32
 Caprolactam
 Concen: 2.53 ng/ul
 RT: 12.61 min Scan# 498
 Delta R.T. 0.02 min
 Lab File: BB058637.D
 Acq: 18 Oct 2016 12:11

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	27438		
55	160.6	121.9	182.9	
56	122.5	97.4	146.0	

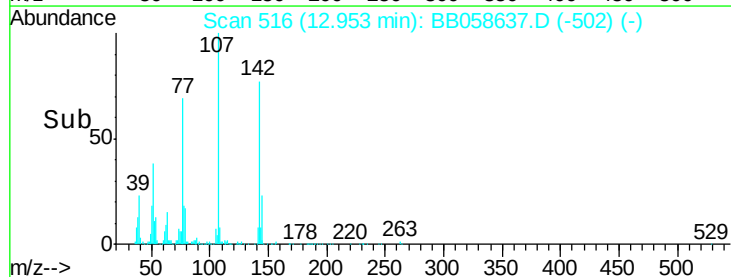
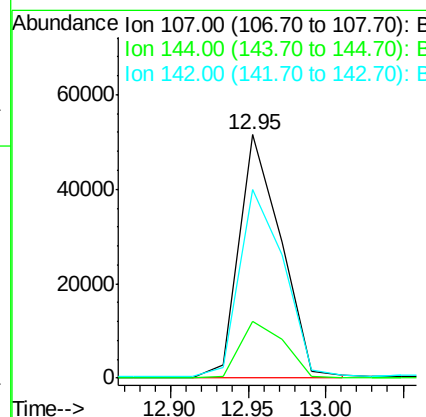
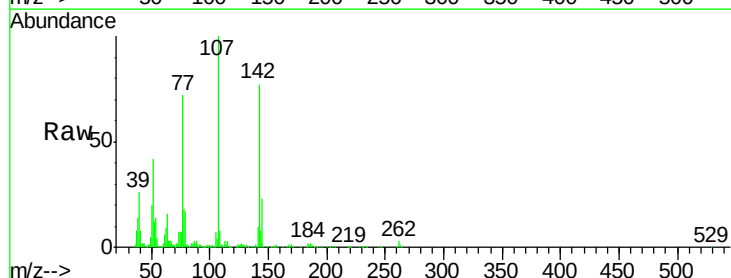
Manual Integrations
 APPROVED

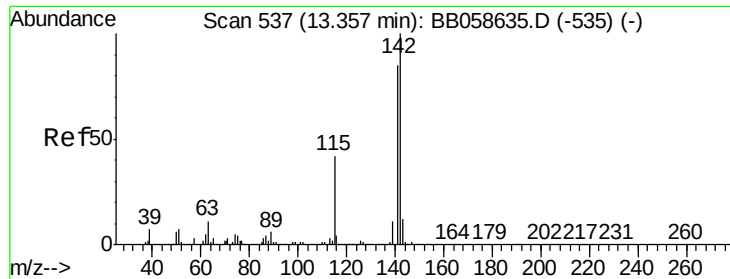
umangi
 10/19/2016 1:46:45 PM



#33
 4-Chloro-3-methylphenol
 Concen: 3.28 ng/ul
 RT: 12.95 min Scan# 516
 Delta R.T. -0.04 min
 Lab File: BB058637.D
 Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	97594		
144	23.4	21.1	31.7	
142	77.4	64.1	96.1	





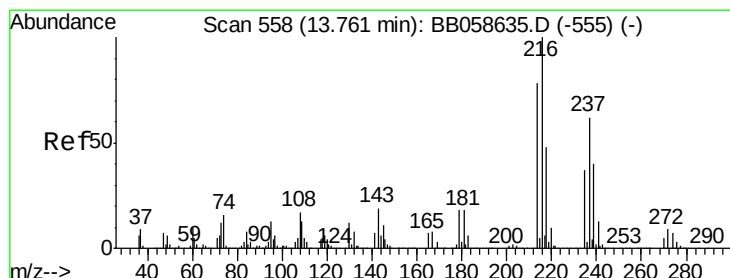
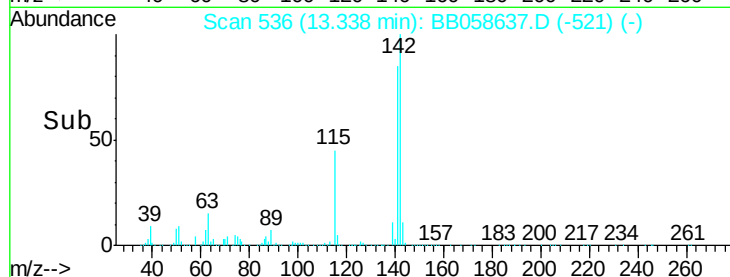
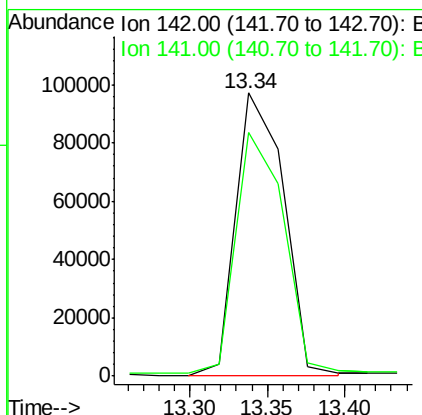
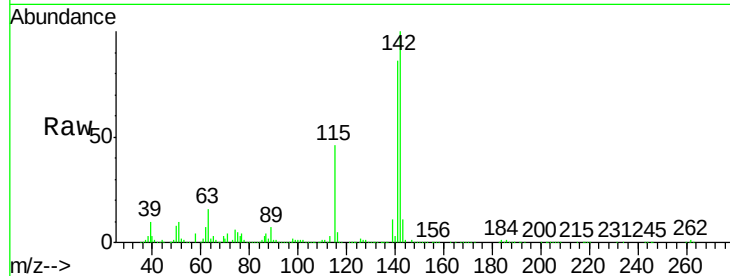
#34
2-Methylnaphthalene
Concen: 3.40 ng/ul
RT: 13.34 min Scan# 536
Delta R.T. -0.02 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Instrument :
BNA_B
ClientSampled :
MDL-01-S-ML

Tgt Ion:142 Resp: 210771
Ion Ratio Lower Upper
142 100
141 86.1 71.3 106.9

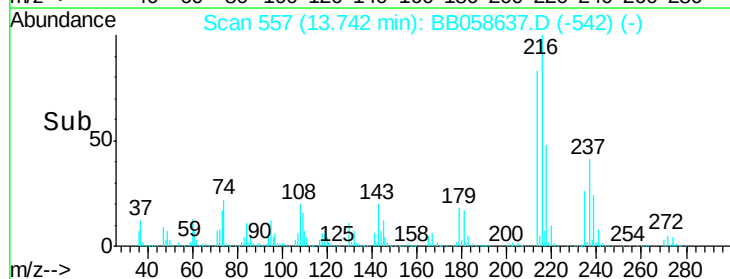
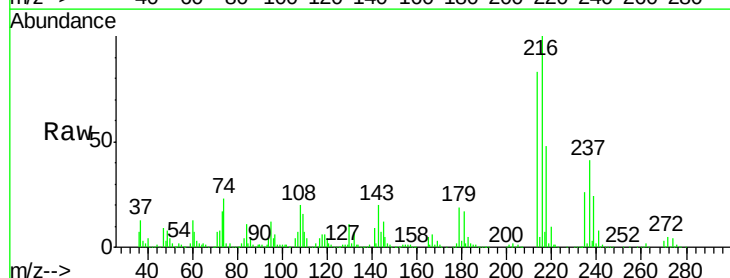
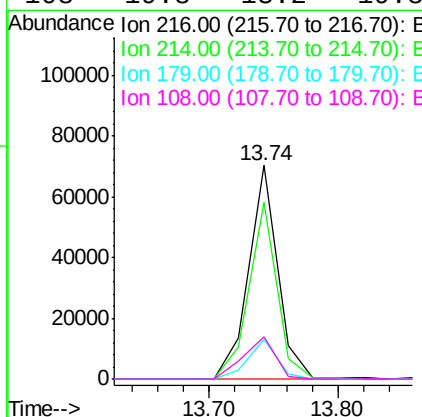
Manual Integrations
APPROVED

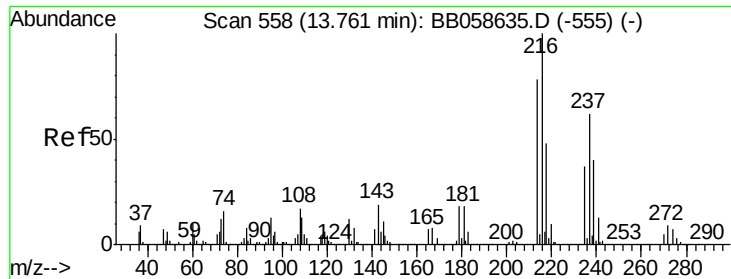
umangi
10/19/2016 1:46:45 PM



#36
1,2,4,5-Tetrachlorobenzene
Concen: 3.25 ng/ul
RT: 13.74 min Scan# 557
Delta R.T. -0.02 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Tgt Ion:216 Resp: 110025
Ion Ratio Lower Upper
216 100
214 83.0 64.8 97.2
179 18.6 16.7 25.1
108 19.8 13.2 19.8#





#37

Hexachlorocyclopentadiene

Concen: 2.04 ng/ul

RT: 13.74 min Scan# 557

Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Instrument :

BNA_B

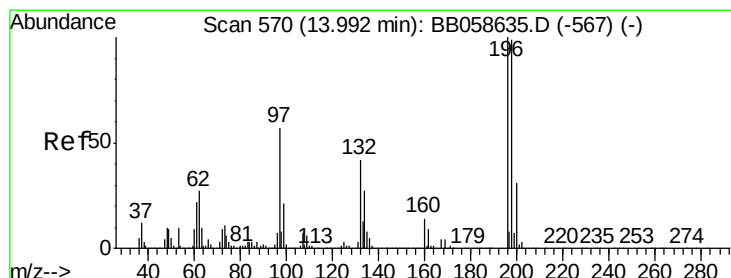
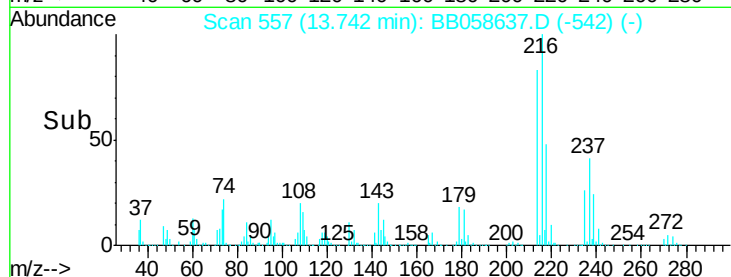
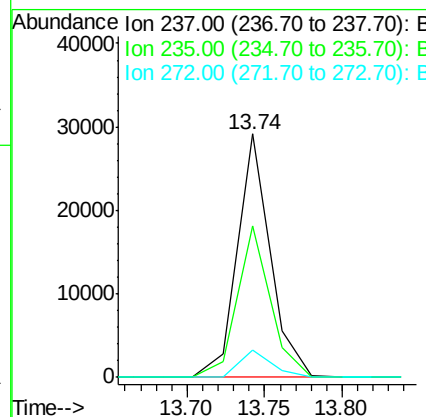
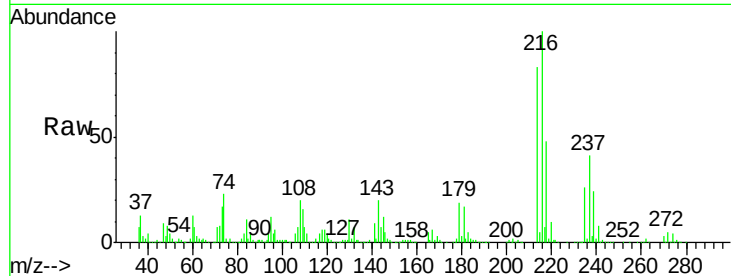
ClientSampleId :

MDL-01-S-ML

Tgt Ion:	237	Resp:	43678
Ion Ratio	Lower	Upper	
237	100		
235	62.2	49.6	74.4
272	11.7	10.4	15.6

Manual Integrations
APPROVED

umangi
10/19/2016 1:46:45 PM



#38

2,4,6-Trichlorophenol

Concen: 2.98 ng/ul

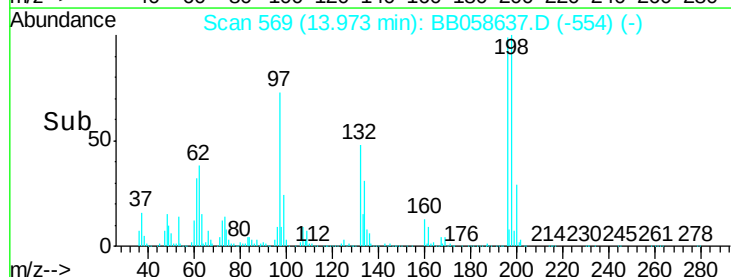
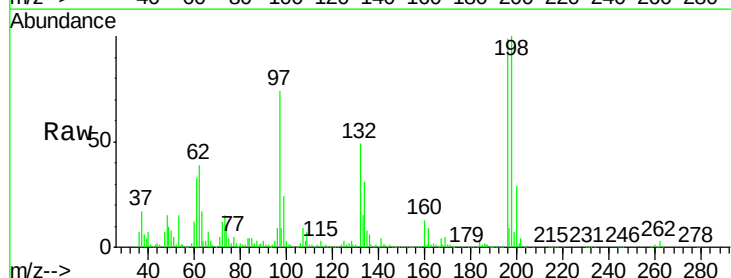
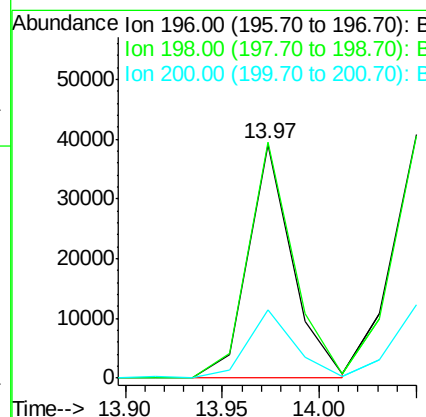
RT: 13.97 min Scan# 569

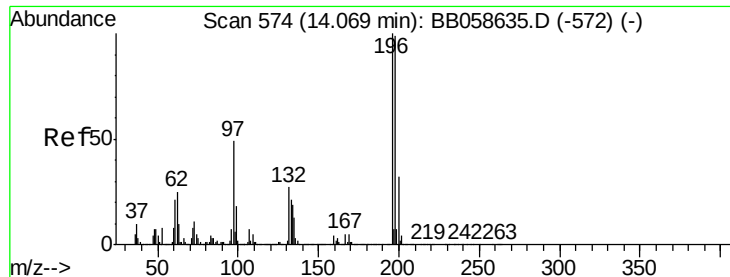
Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Tgt Ion:	196	Resp:	61402
Ion Ratio	Lower	Upper	
196	100		
198	100.8	76.9	115.3
200	29.3	25.1	37.7





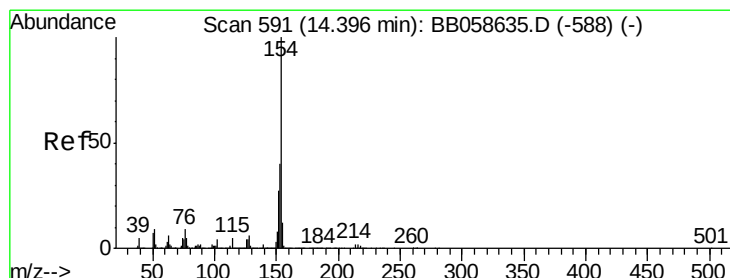
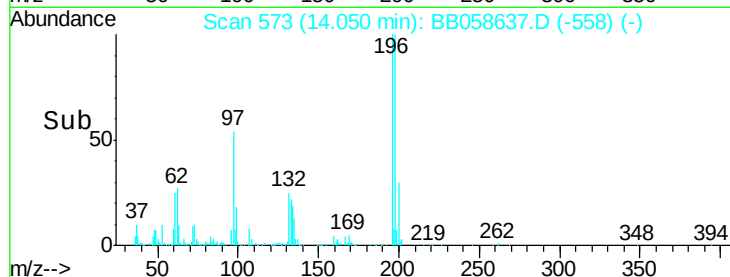
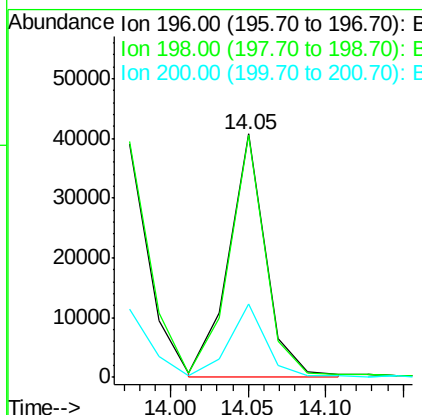
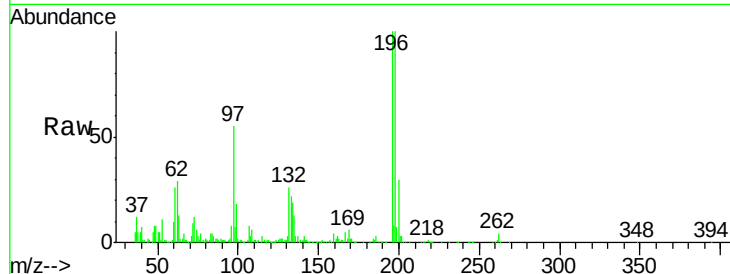
#39
 2,4,5-Trichlorophenol
 Concen: 3.12 ng/ul
 RT: 14.05 min Scan# 573
 Delta R.T. -0.02 min
 Lab File: BB058637.D
 Acq: 18 Oct 2016 12:11

Instrument :
 BNA_B
 ClientSampled :
 MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	68317		
198	99.7	76.8	115.2	
200	30.2	27.0	40.4	

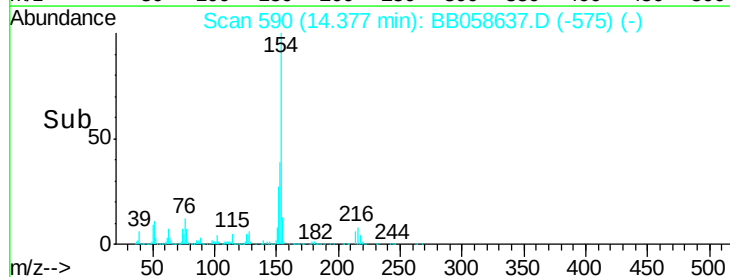
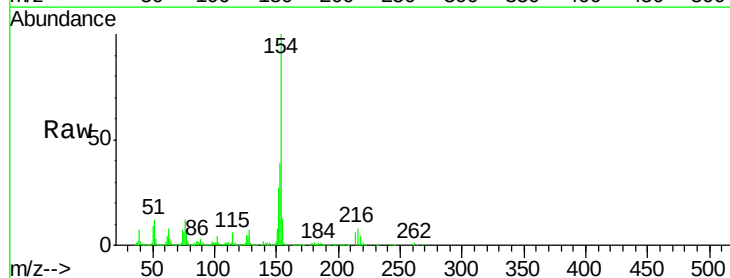
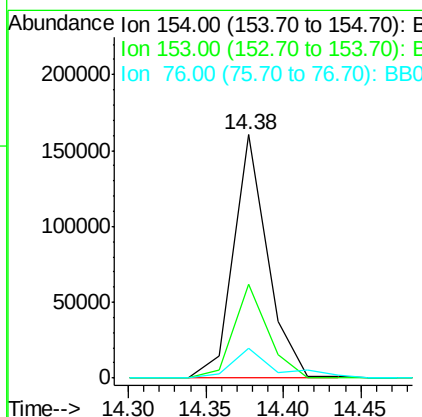
Manual Integrations
 APPROVED

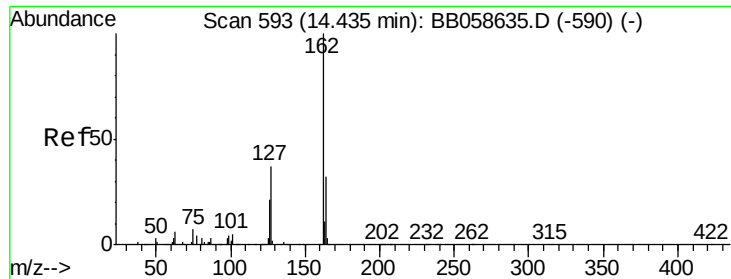
umangi
 10/19/2016 1:46:45 PM



#40
 1,1'-Biphenyl
 Concen: 3.35 ng/ul
 RT: 14.38 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BB058637.D
 Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	248079		
153	38.6	31.3	46.9	
76	12.4	10.0	15.0	





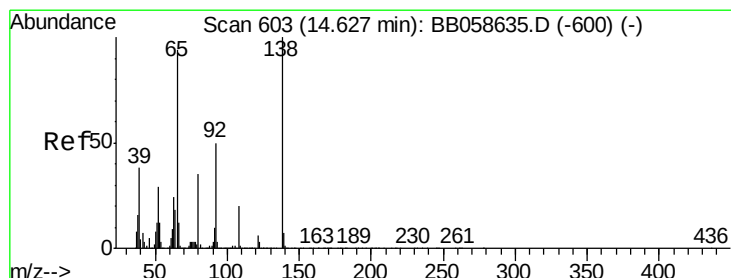
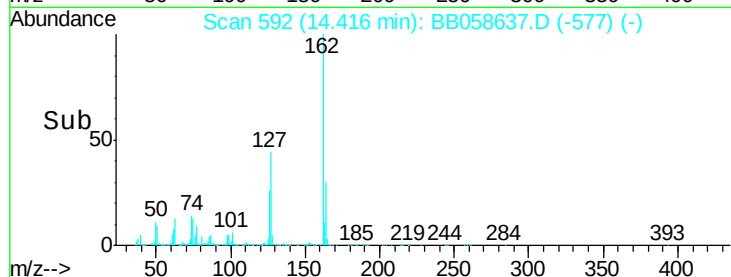
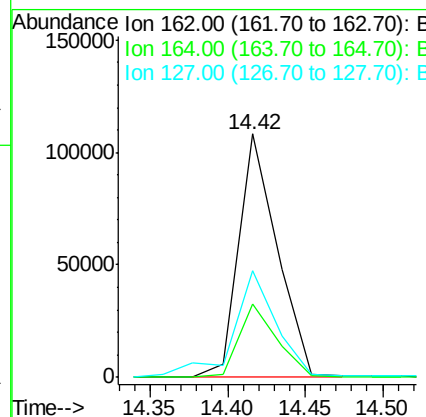
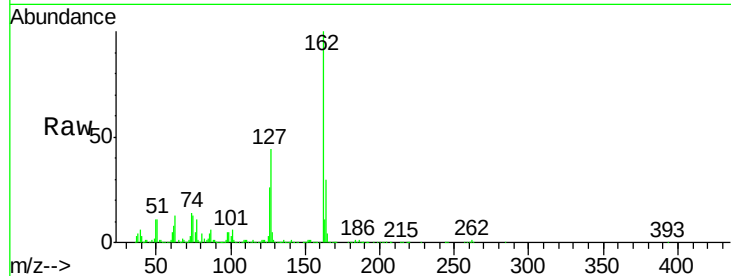
#41
 2-Chloronaphthalene
 Concen: 3.22 ng/ul
 RT: 14.42 min Scan# 592
 Delta R.T. -0.02 min
 Lab File: BB058637.D
 Acq: 18 Oct 2016 12:11

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	30.2	26.9	40.3
127	44.1	31.2	46.8

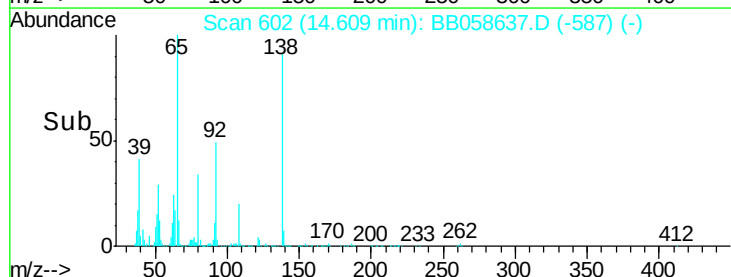
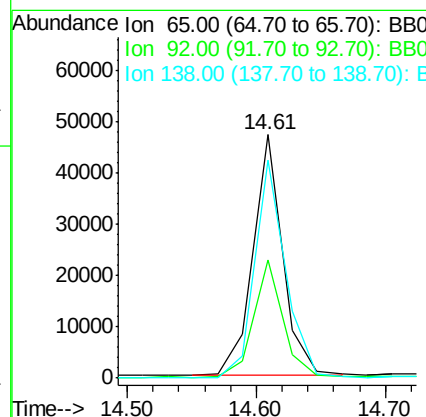
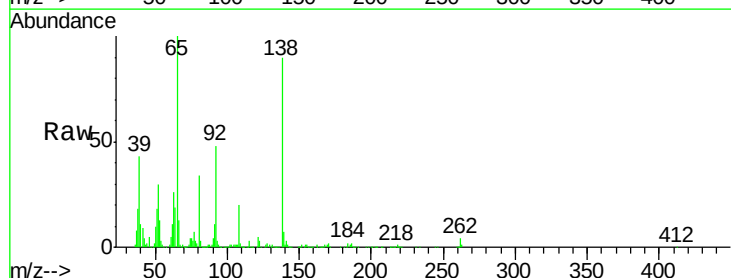
Manual Integrations
 APPROVED

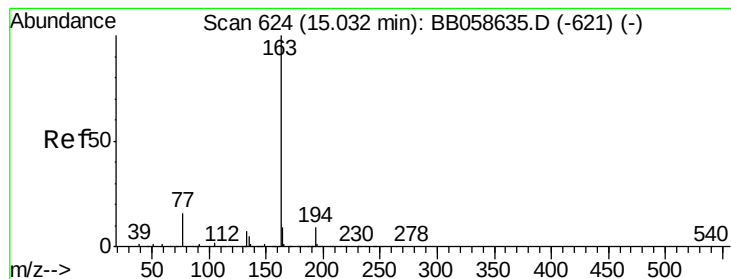
umangi
 10/19/2016 1:46:45 PM



#42
 2-Nitroaniline
 Concen: 3.32 ng/ul
 RT: 14.61 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BB058637.D
 Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	48.5	55.6	83.4#
138	89.6	81.3	121.9





#44

Dimethylphthalate

Concen: 3.49 ng/ul

RT: 15.01 min Scan# 623

Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Instrument :

BNA_B

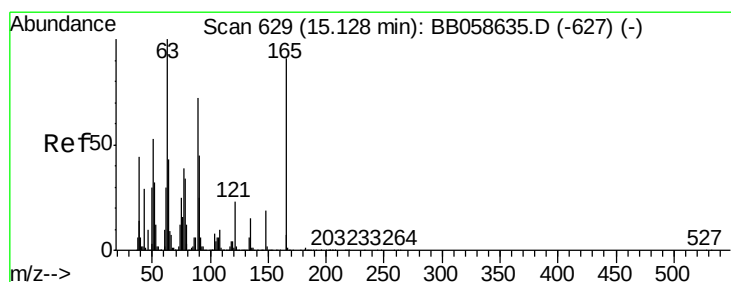
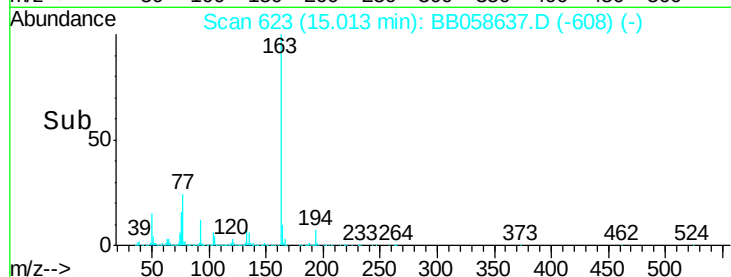
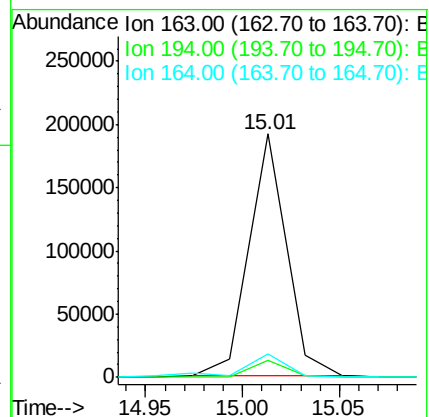
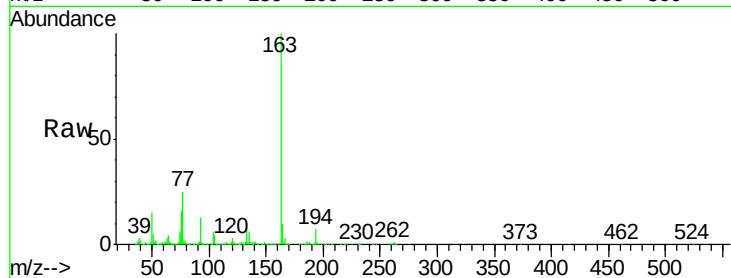
ClientSampleId :

MDL-01-S-ML

Tgt Ion:	163	Resp:	256151
Ion Ratio	Lower	Upper	
163	100		
194	7.0	3.4	5.2#
164	9.8	7.8	11.8

Manual Integrations
APPROVED

umangi
10/19/2016 1:46:45 PM



#45

2,6-Dinitrotoluene

Concen: 2.91 ng/ul

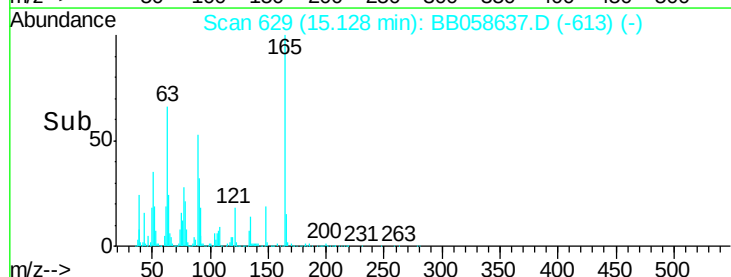
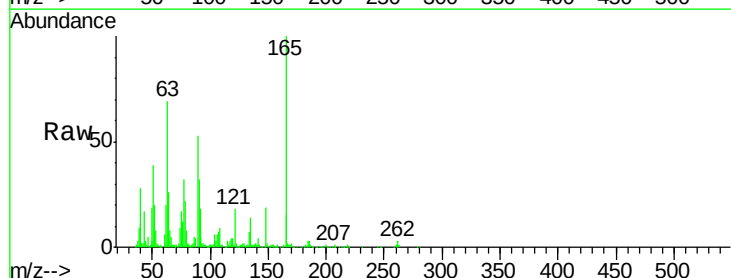
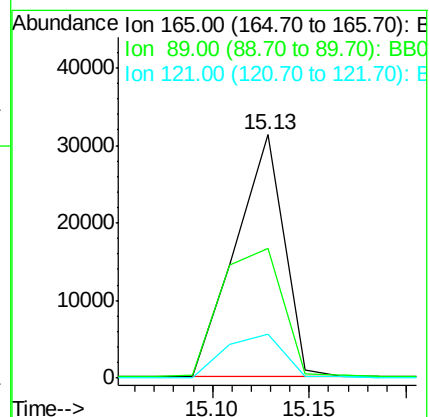
RT: 15.13 min Scan# 629

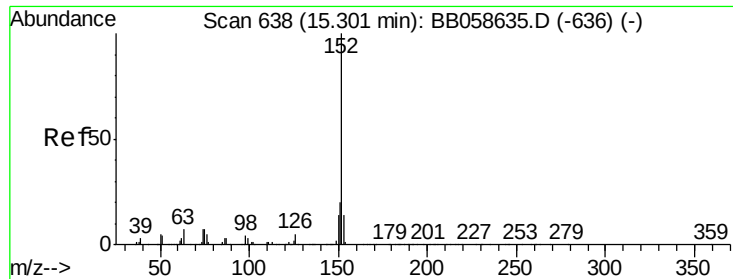
Delta R.T. 0.00 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Tgt Ion:	165	Resp:	53917
Ion Ratio	Lower	Upper	
165	100		
89	53.2	46.6	69.8
121	18.0	16.0	24.0





#47

Acenaphthylene

Concen: 3.58 ng/ul

RT: 15.30 min Scan# 638

Delta R.T. 0.00 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Instrument :

BNA_B

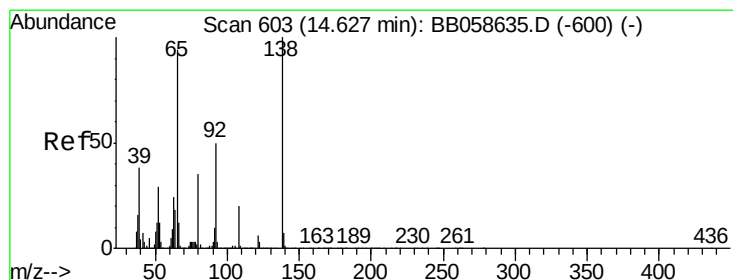
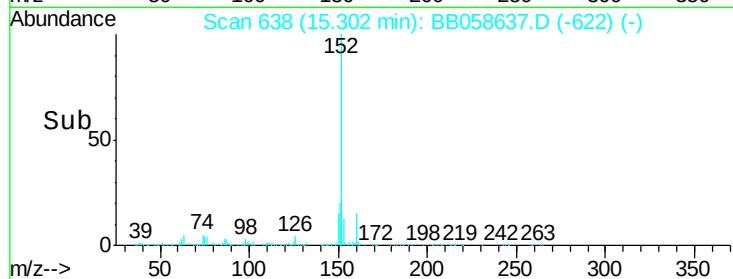
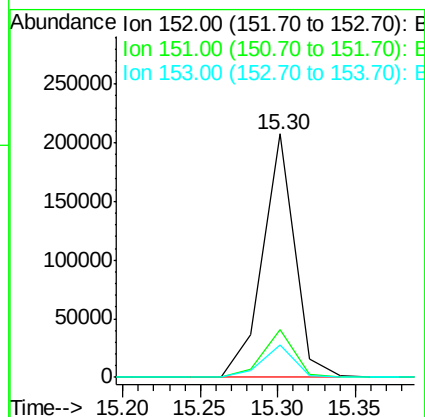
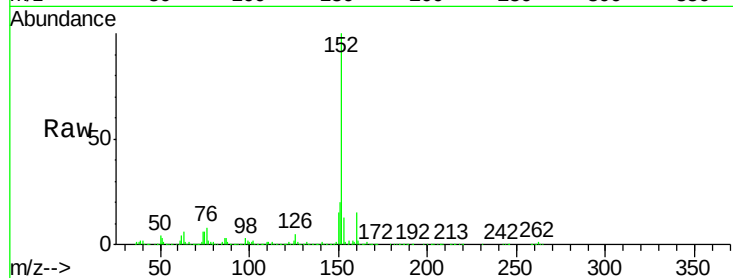
ClientSampleId :

MDL-01-S-ML

Tgt Ion:	152	Resp:	300567
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.0	24.0
153	13.3	11.0	16.6

Manual Integrations
APPROVED

umangi
10/19/2016 1:46:45 PM



#48

3-Nitroaniline

Concen: 2.89 ng/ul

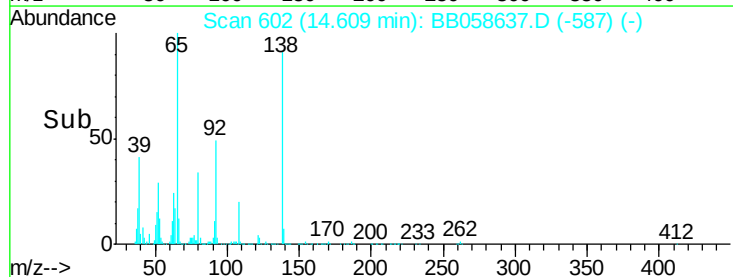
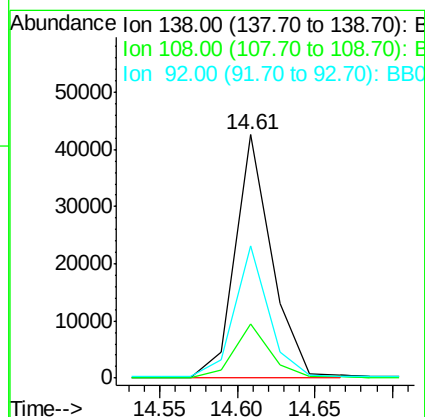
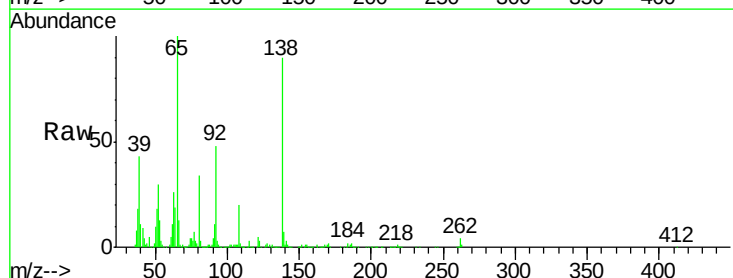
RT: 14.61 min Scan# 602

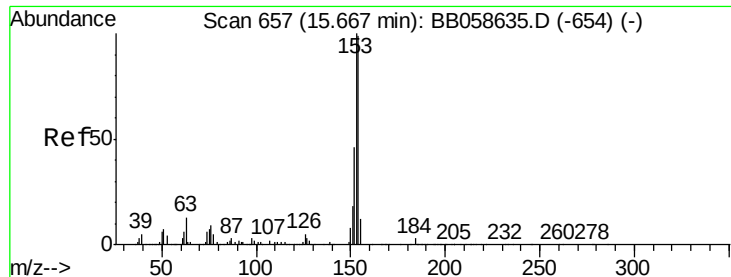
Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Tgt Ion:	138	Resp:	70135
Ion Ratio	Lower	Upper	
138	100		
108	22.3	9.4	14.0#
92	54.1	96.6	145.0#





#49

Acenaphthene

Concen: 3.28 ng/ul

RT: 15.65 min Scan# 656

Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Instrument :

BNA_B

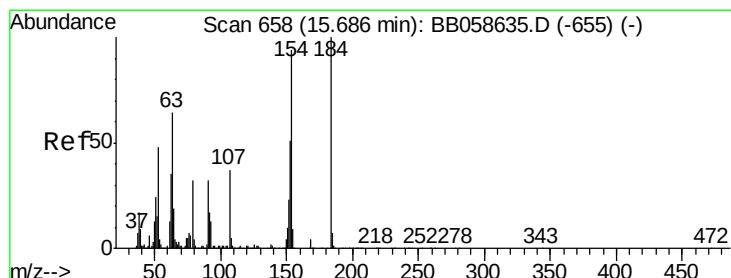
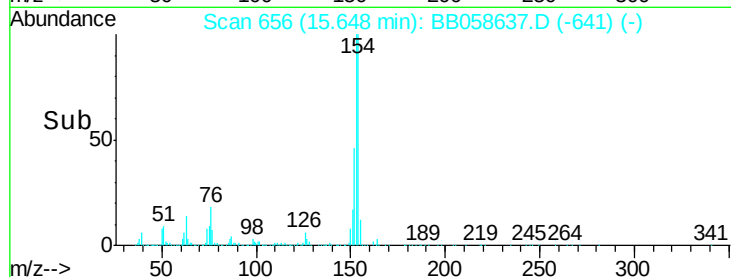
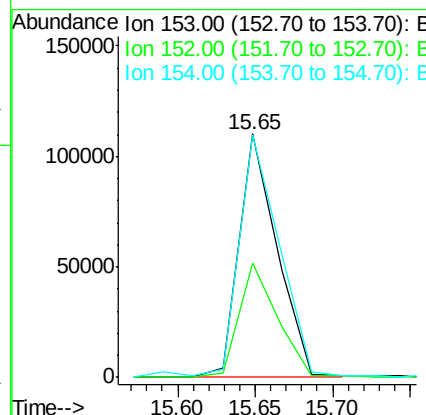
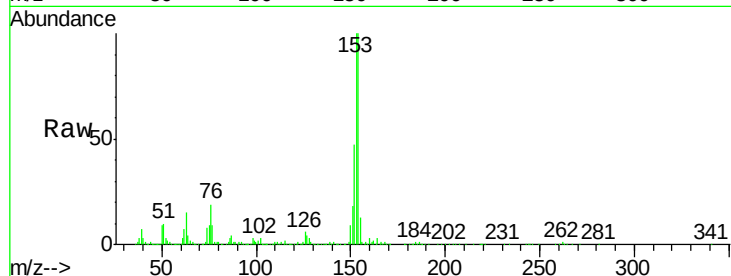
ClientSampleId :

MDL-01-S-ML

Tgt Ion:	153	Resp:	189008
Ion Ratio	Lower	Upper	
153	100		
152	47.1	37.8	56.6
154	99.6	71.4	107.0

Manual Integrations
APPROVED

umangi
10/19/2016 1:46:45 PM



#50

2,4-Dinitrophenol

Concen: 1.55 ng/ul

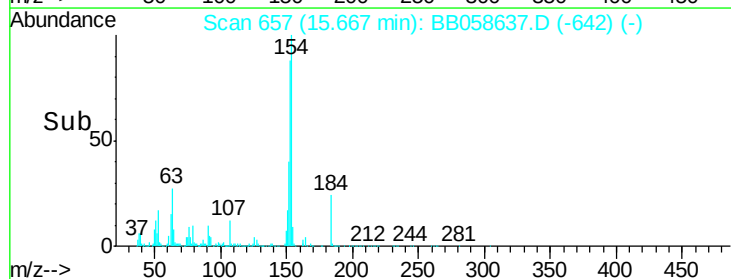
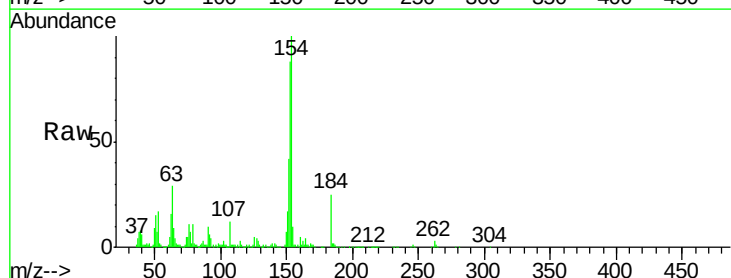
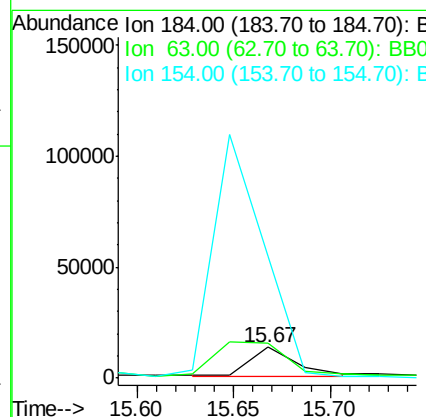
RT: 15.67 min Scan# 657

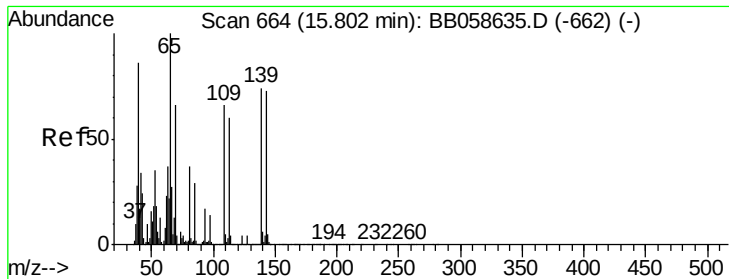
Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Tgt Ion:	184	Resp:	20448
Ion Ratio	Lower	Upper	
184	100		
63	114.2	43.4	65.0#
154	393.1	48.2	72.4#





#52

4-Nitrophenol

Concen: 3.03 ng/ul

RT: 15.80 min Scan# 664

Delta R.T. 0.00 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Instrument :

BNA_B

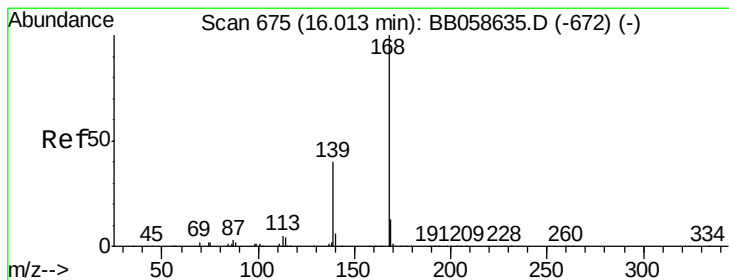
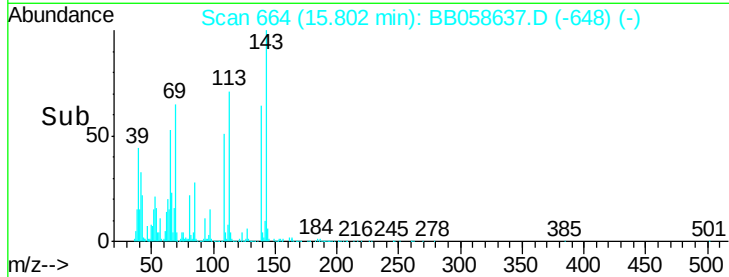
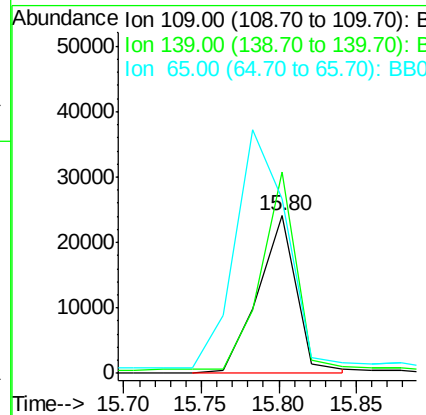
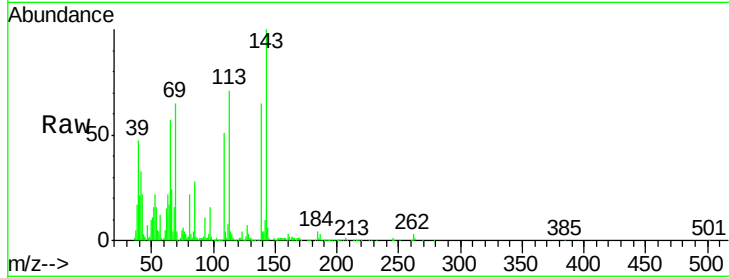
ClientSampleId :

MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	41490		
139	127.6	88.7	133.1	
65	111.0	96.4	144.6	

Manual Integrations
APPROVED

umangi
10/19/2016 1:46:45 PM



#53

Dibenzofuran

Concen: 3.29 ng/ul

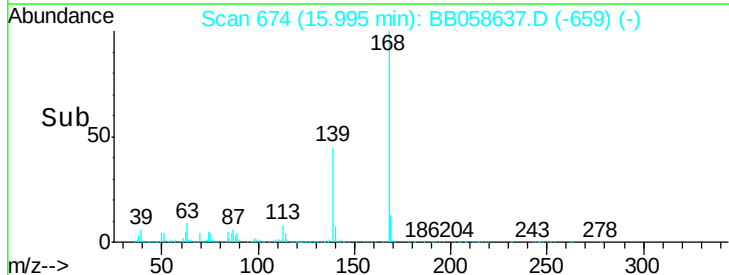
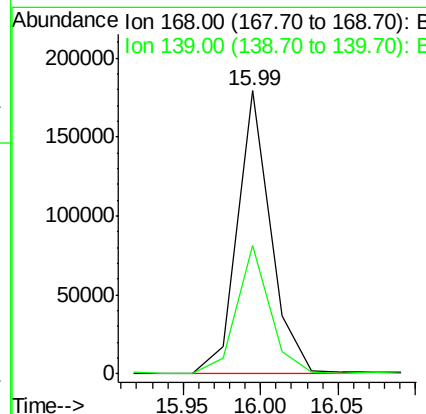
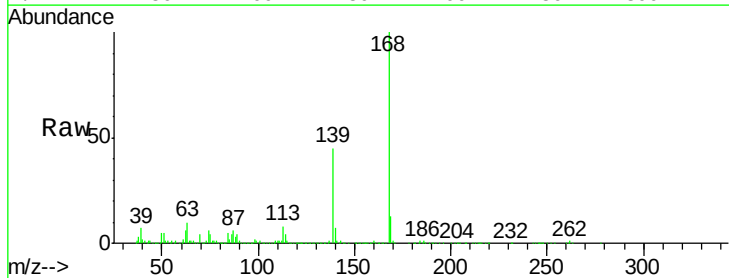
RT: 15.99 min Scan# 674

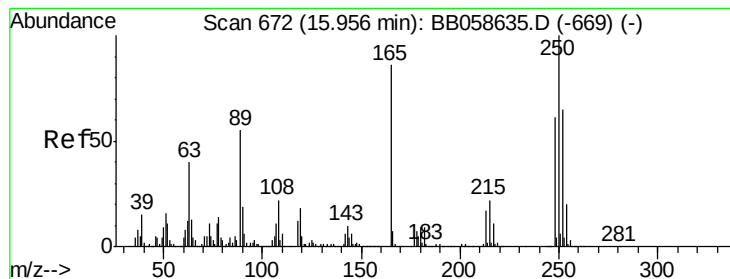
Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	269949		
139	45.2	30.1	45.1	#





#54

2,4-Dinitrotoluene

Concen: 3.09 ng/ul

RT: 15.94 min Scan# 671

Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Instrument :

BNA_B

ClientSampleId :

MDL-01-S-ML

Tgt Ion:165 Resp: 79998
Ion Ratio Lower Upper

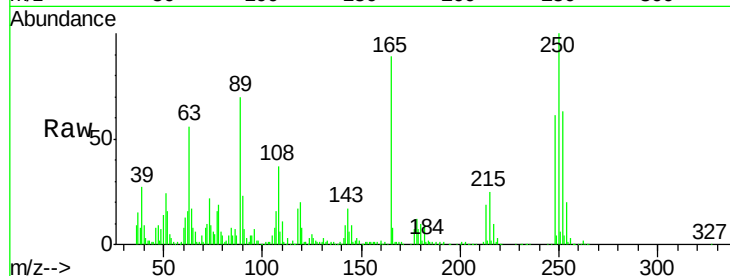
165 100

63 63.3 36.2 54.2#

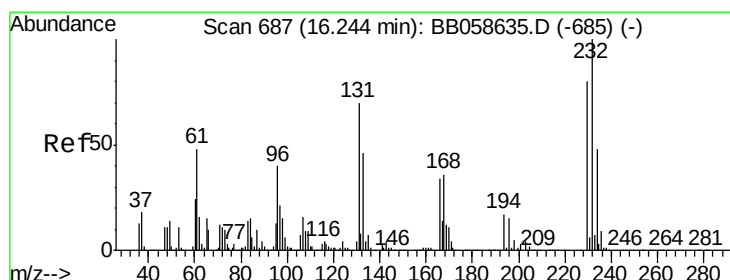
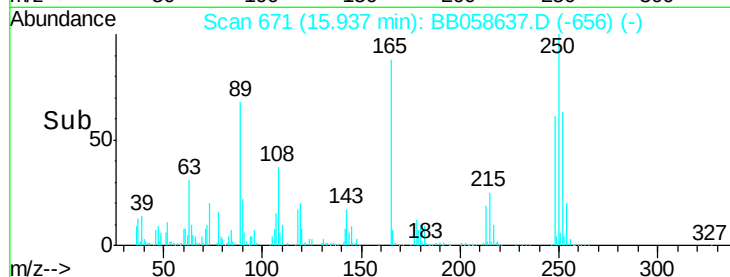
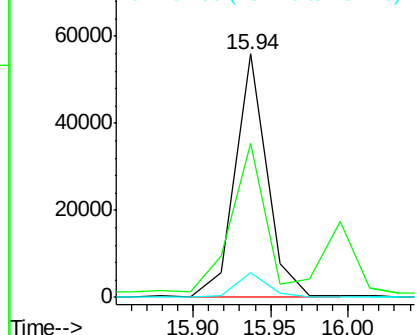
182 10.2 2.2 3.4#

Manual Integrations
APPROVED

umangi
10/19/2016 1:46:45 PM



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BB0
Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 2.96 ng/ul

RT: 16.25 min Scan# 687

Delta R.T. 0.00 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Tgt Ion:232 Resp: 56637
Ion Ratio Lower Upper

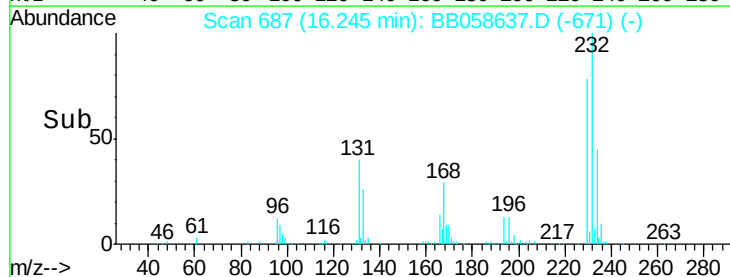
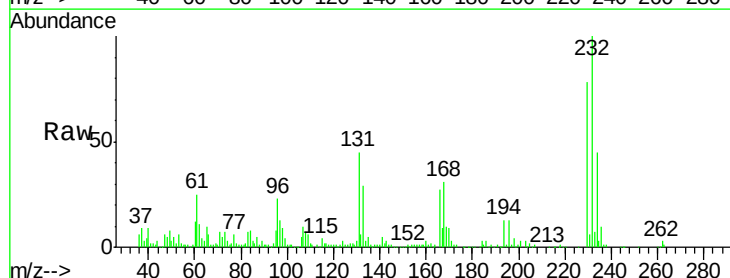
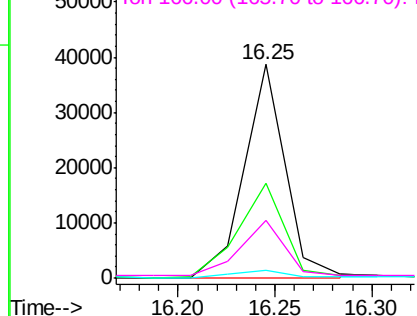
232 100

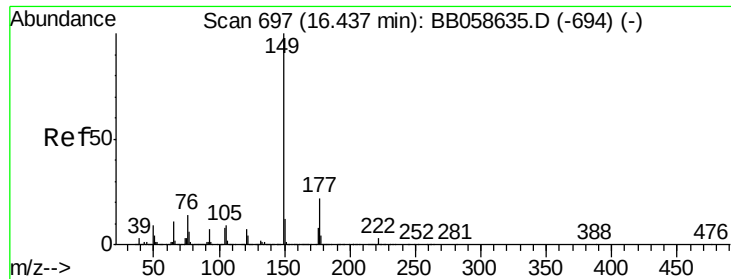
131 44.5 31.4 47.0

130 3.4 1.6 2.4#

166 27.3 22.6 33.8

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





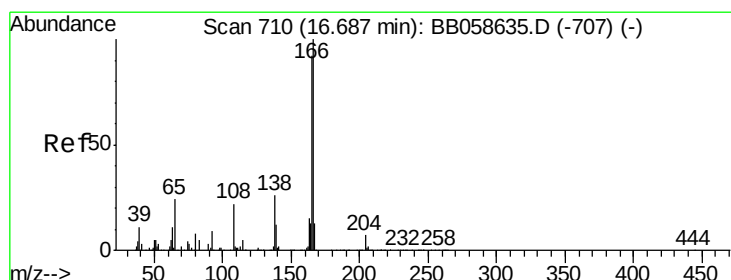
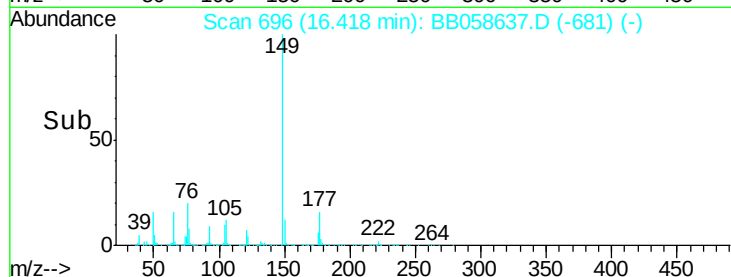
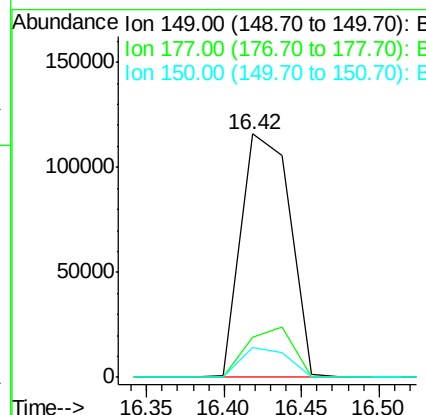
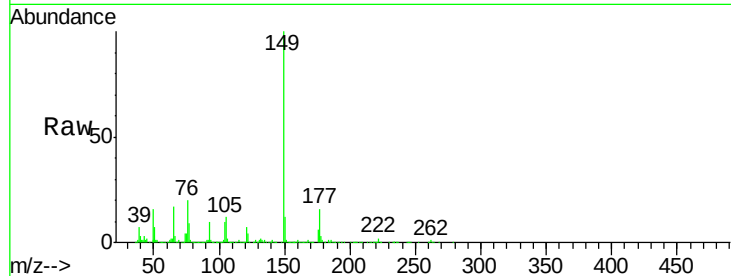
#56
Diethylphthalate
Concen: 3.40 ng/ul
RT: 16.42 min Scan# 696
Delta R.T. -0.02 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Instrument :
BNA_B
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	259211		
177	16.5	18.6	28.0#	
150	12.2	10.0	15.0	

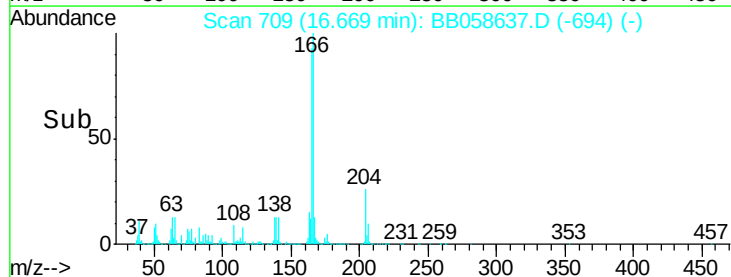
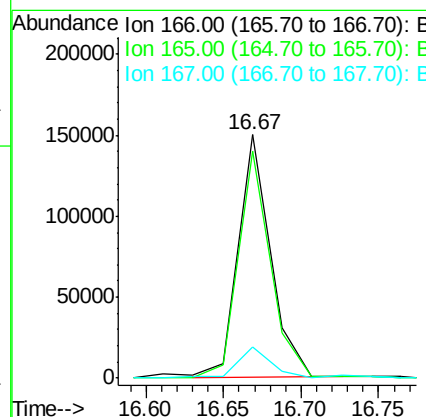
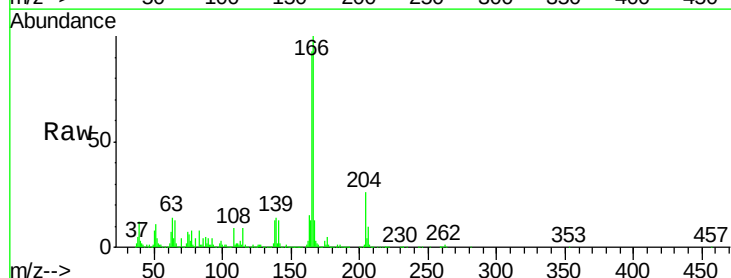
Manual Integrations
APPROVED

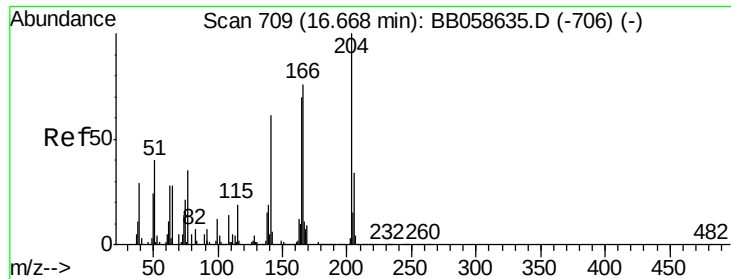
umangi
10/19/2016 1:46:45 PM



#58
Fluorene
Concen: 3.25 ng/ul
RT: 16.67 min Scan# 709
Delta R.T. -0.02 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	217320		
165	93.2	79.9	119.9	
167	13.0	10.5	15.7	





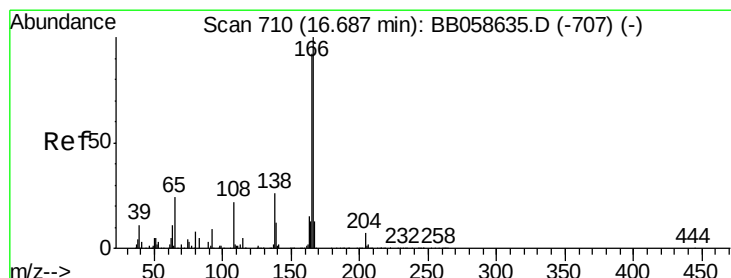
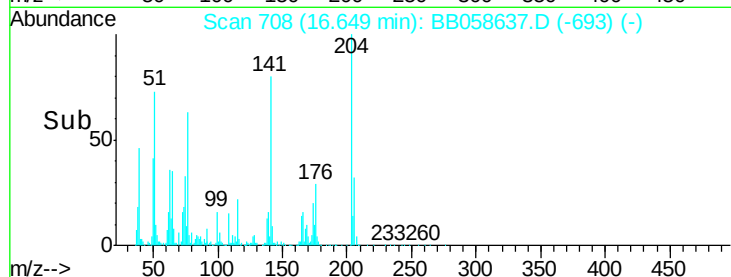
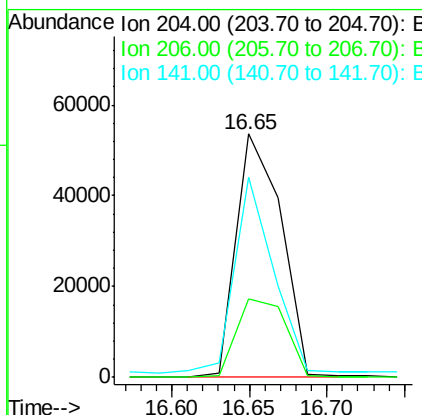
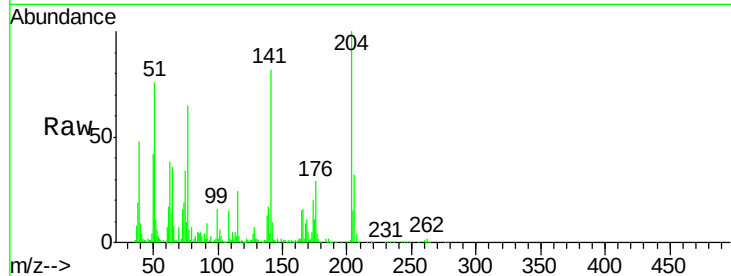
#59
4-Chlorophenyl-phenylether
Concen: 3.04 ng/ul
RT: 16.65 min Scan# 708
Delta R.T. -0.02 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Instrument :
BNA_B
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	109172		
206	32.3	25.9	38.9	
141	82.4	46.1	69.1#	

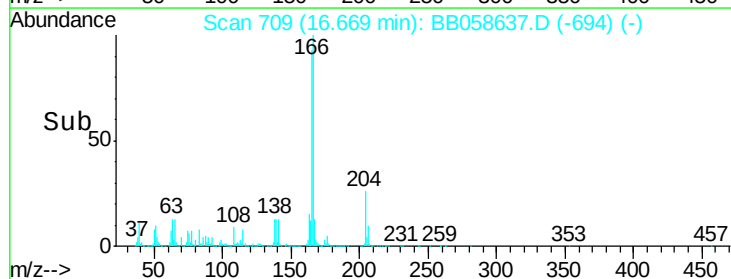
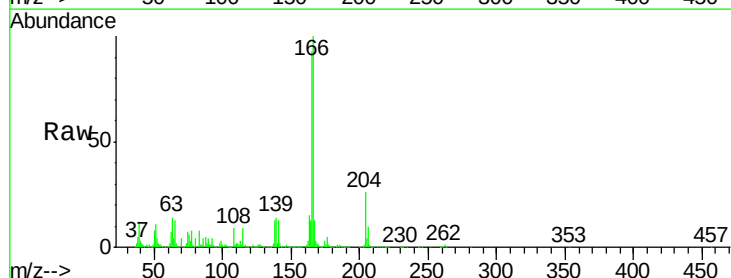
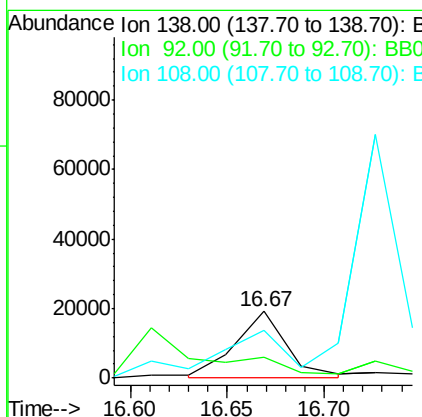
Manual Integrations
APPROVED

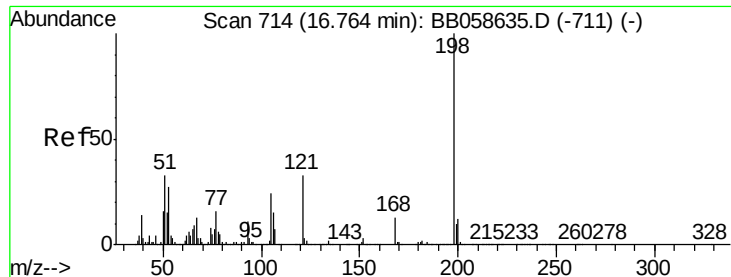
umangi
10/19/2016 1:46:45 PM



#60
4-Nitroaniline
Concen: 1.80 ng/ul
RT: 16.67 min Scan# 709
Delta R.T. -0.02 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	34446		
92	31.3	43.5	65.3#	
108	72.4	80.3	120.5#	





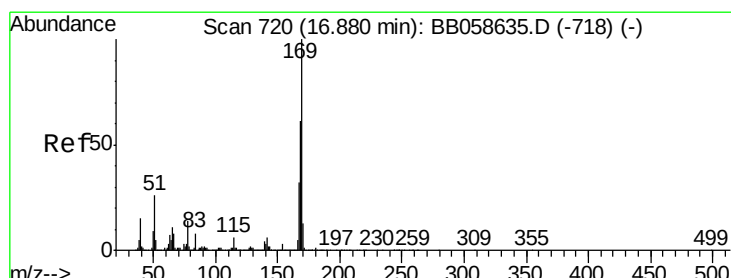
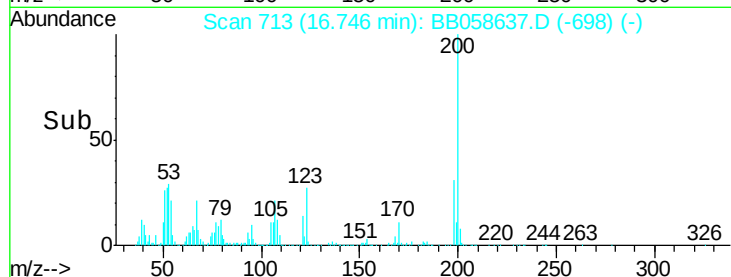
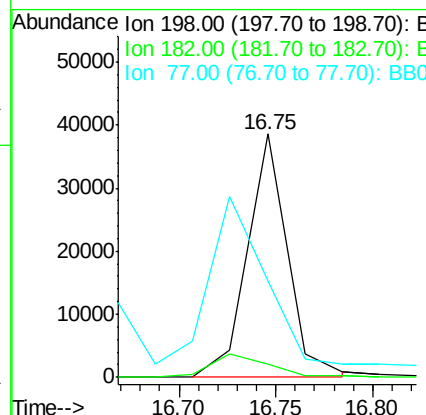
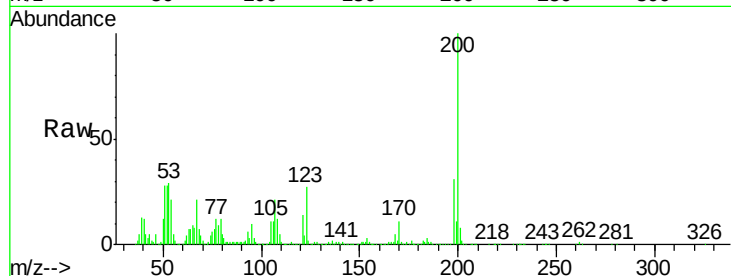
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.88 ng/ul
 RT: 16.75 min Scan# 713
 Delta R.T. -0.02 min
 Lab File: BB058637.D
 Acq: 18 Oct 2016 12:11

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
182	5.2	3.3	4.9#
77	39.6	21.8	32.6#

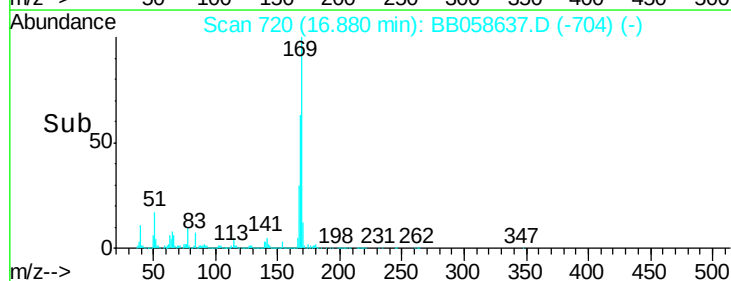
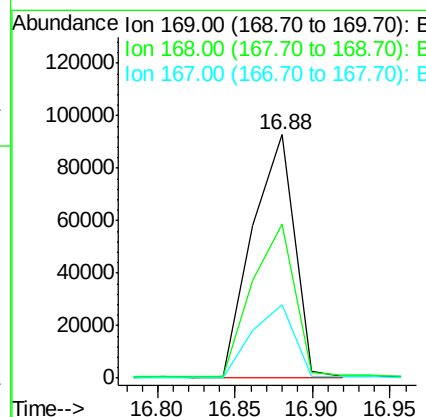
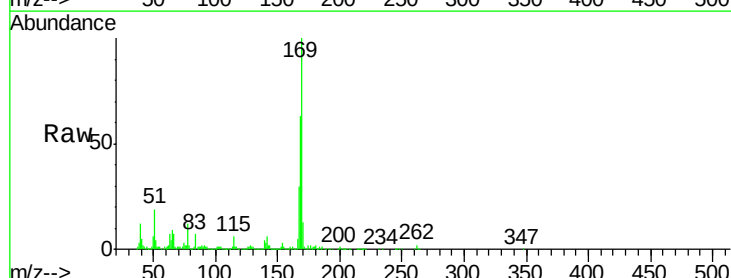
Manual Integrations
 APPROVED

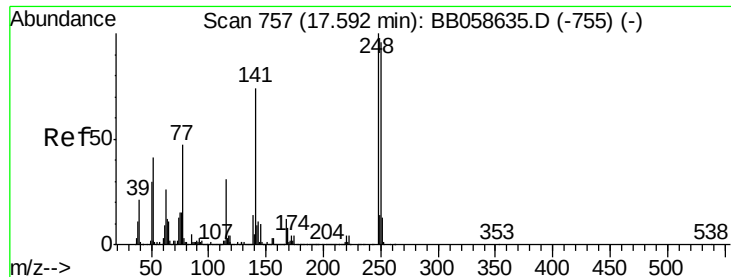
umangi
 10/19/2016 1:46:45 PM



#64
 N-Nitrosodiphenylamine
 Concen: 3.09 ng/ul
 RT: 16.88 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BB058637.D
 Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	63.1	52.6	79.0
167	30.2	28.6	43.0





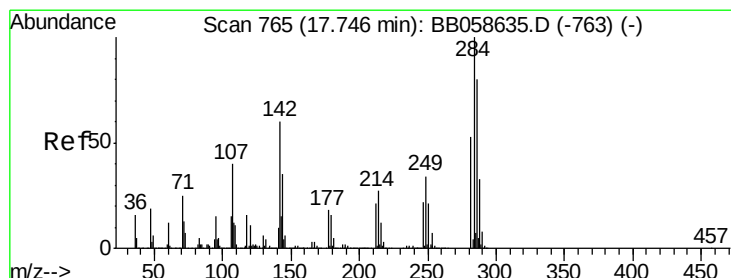
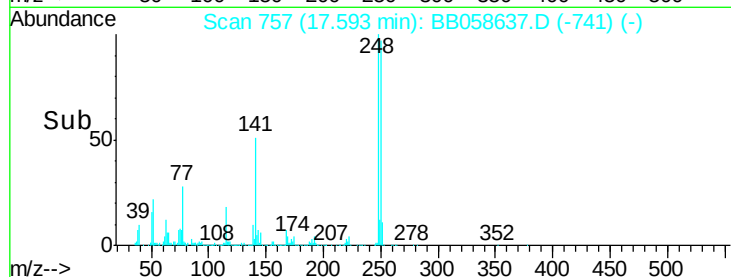
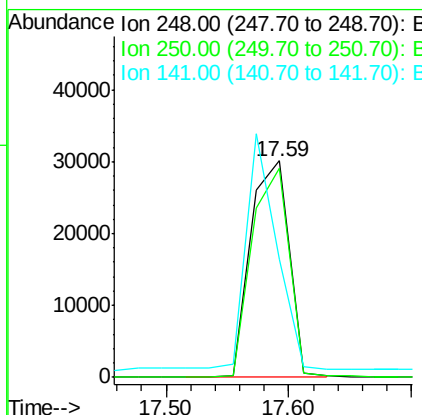
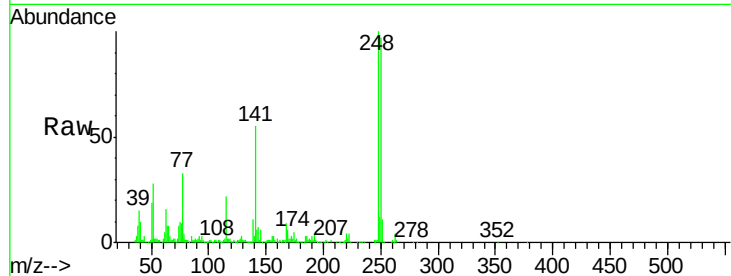
#65
 4-Bromophenyl-phenylether
 Concen: 2.90 ng/ul m
 RT: 17.59 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BB058637.D
 Acq: 18 Oct 2016 12:11

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.7	119.5
141	54.8	58.3	87.5#

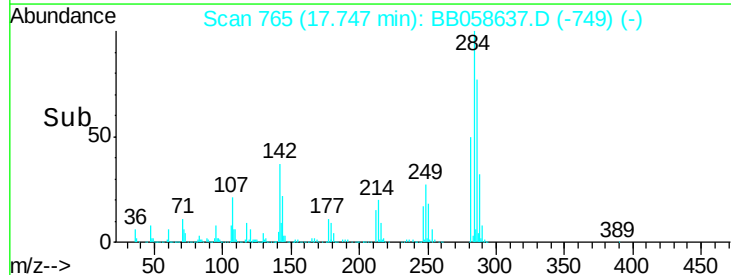
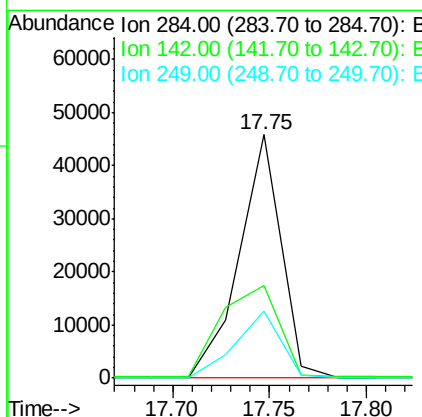
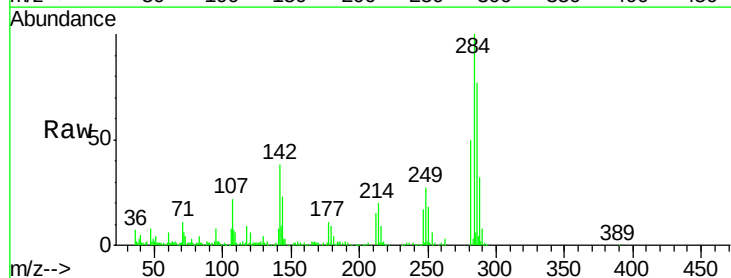
Manual Integrations
 APPROVED

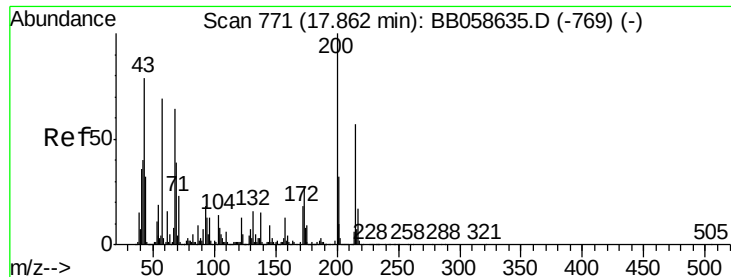
umangi
 10/19/2016 1:46:45 PM



#66
 Hexachlorobenzene
 Concen: 2.99 ng/ul
 RT: 17.75 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BB058637.D
 Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	24.9	37.3
249	25.8	25.5	38.3





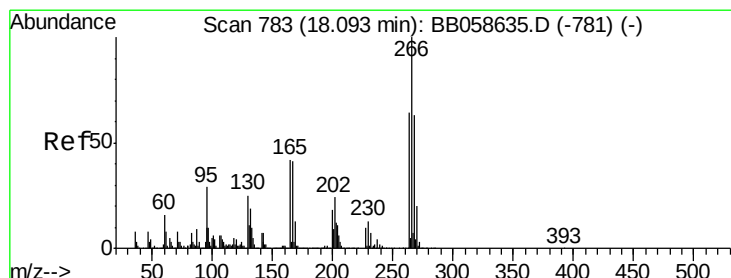
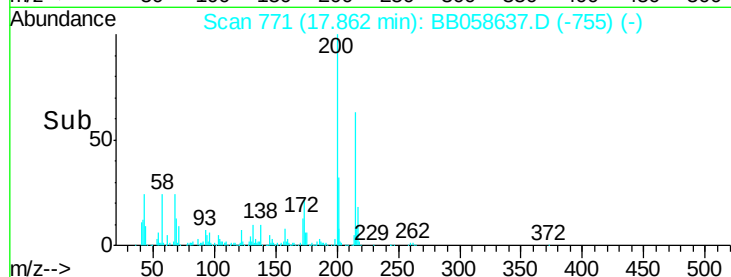
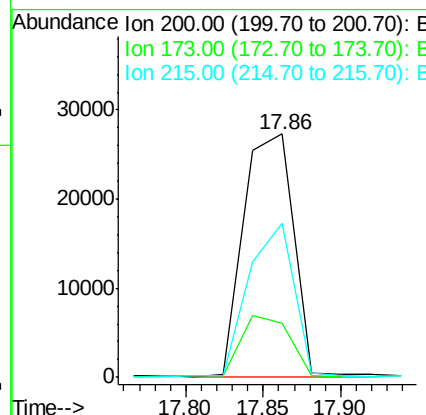
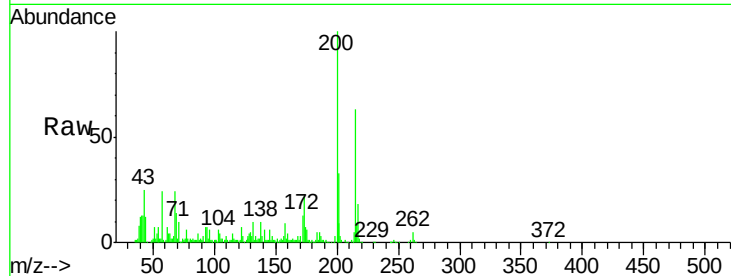
#67
Atrazine
Concen: 2.82 ng/ul
RT: 17.86 min Scan# 771
Delta R.T. 0.00 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Instrument :
BNA_B
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.2	18.9	28.3
215	63.4	39.5	59.3

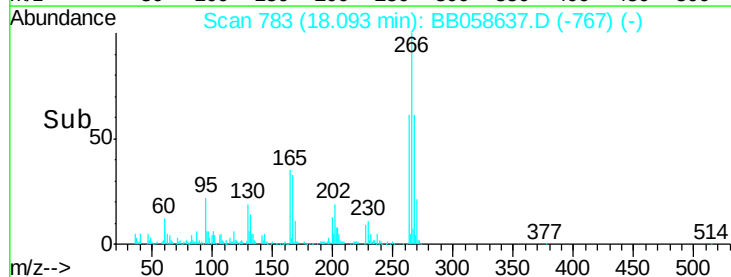
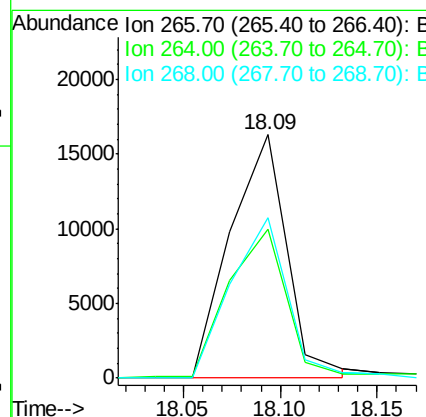
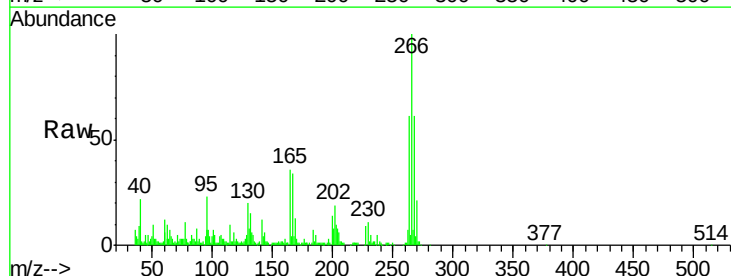
Manual Integrations
APPROVED

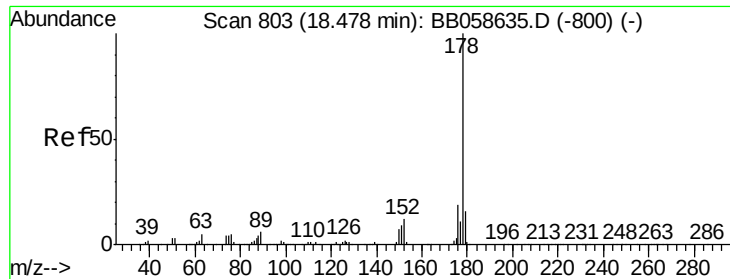
umangi
10/19/2016 1:46:45 PM



#68
Pentachlorophenol
Concen: 2.02 ng/ul
RT: 18.09 min Scan# 783
Delta R.T. 0.00 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	61.4	50.6	75.8
268	65.9	51.0	76.6





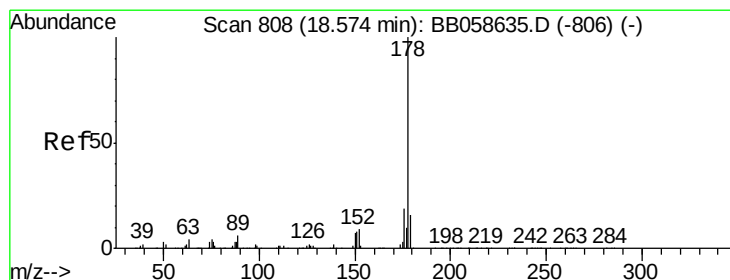
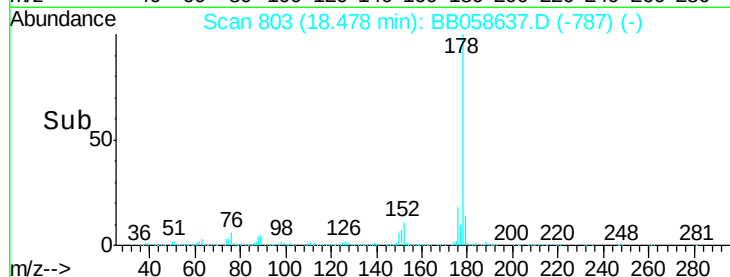
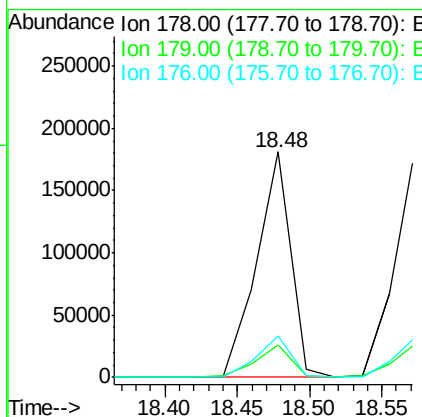
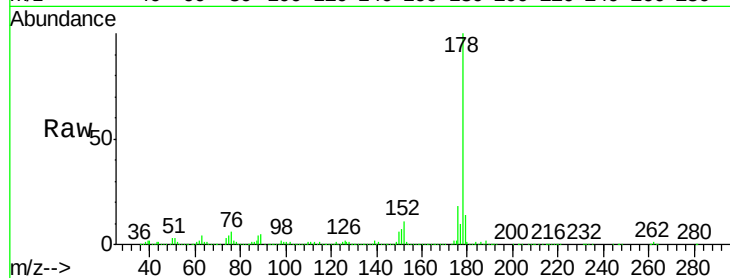
#69
 Phenanthrene
 Concen: 3.37 ng/ul m
 RT: 18.48 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BB058637.D
 Acq: 18 Oct 2016 12:11

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	298899		
179	14.1	12.2	18.2	
176	18.4	15.1	22.7	

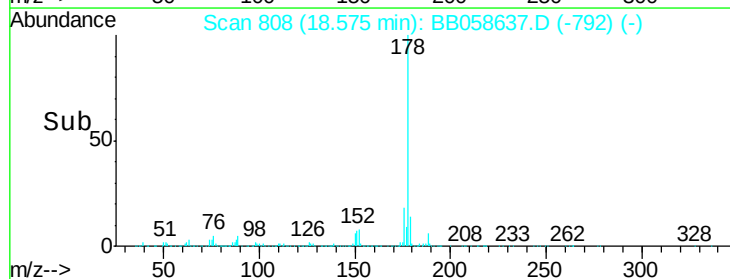
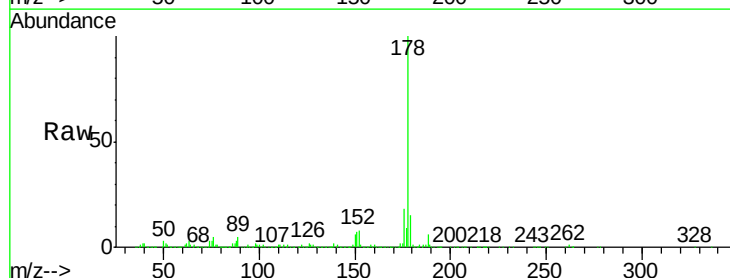
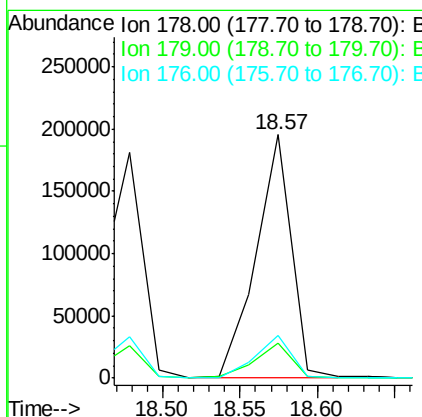
Manual Integrations
 APPROVED

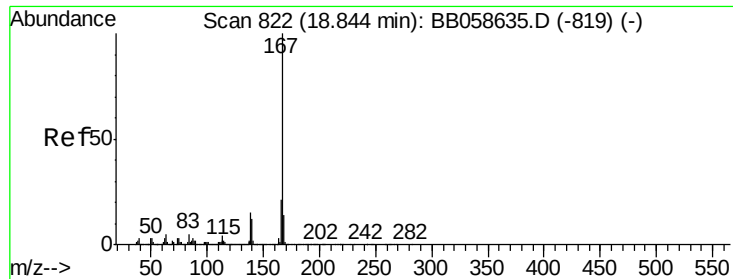
umangi
 10/19/2016 1:46:45 PM



#71
 Anthracene
 Concen: 3.42 ng/ul
 RT: 18.57 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BB058637.D
 Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	309698		
179	14.5	12.1	18.1	
176	17.6	14.5	21.7	





#72

Carbazole

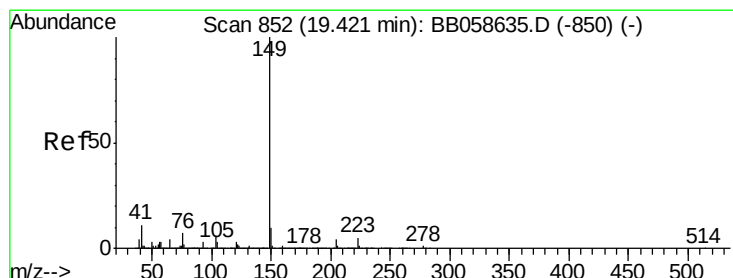
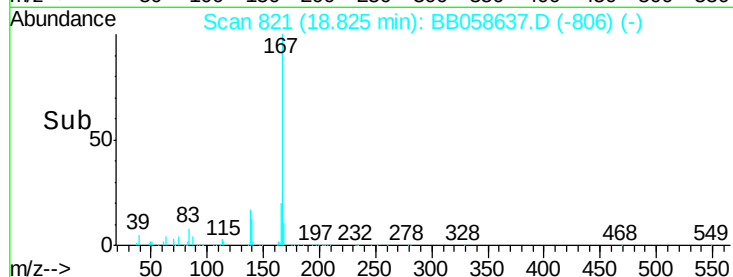
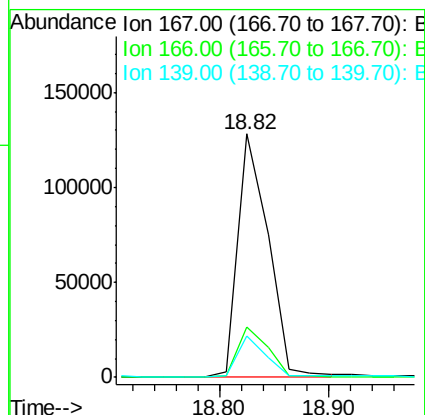
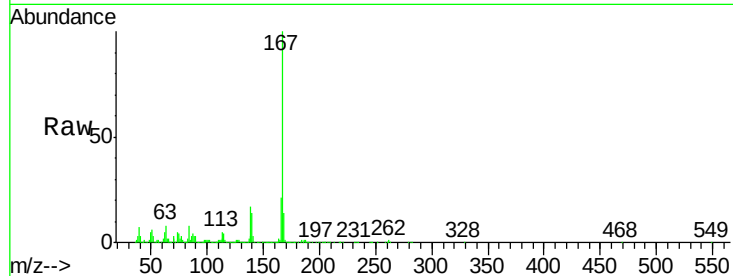
Concen: 3.28 ng/ul m
RT: 18.82 min Scan# 821
Delta R.T. -0.02 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Instrument :
BNA_B
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	248077		
166	20.7		16.6	25.0
139	17.2		10.2	15.4

Manual Integrations
APPROVED

umangi
10/19/2016 1:46:45 PM

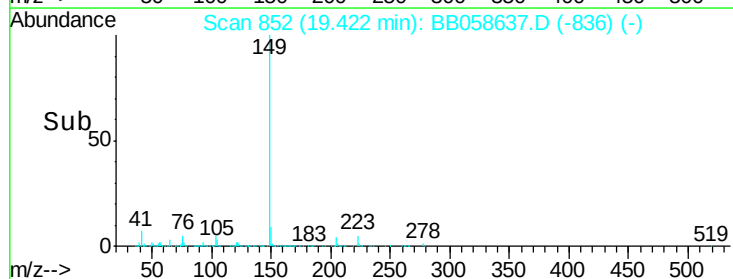
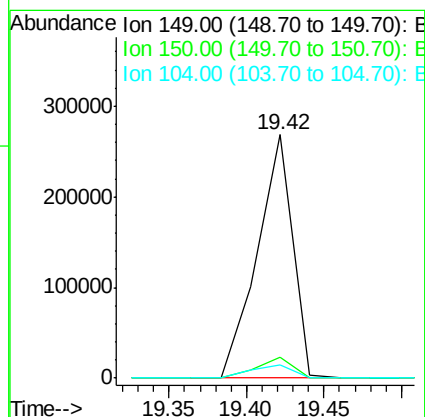
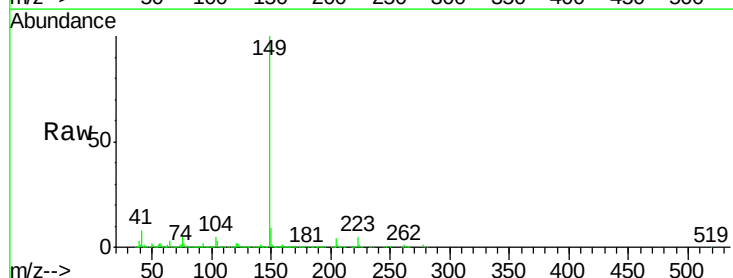


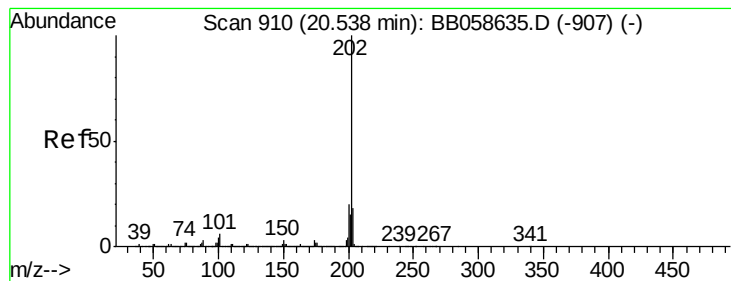
#73

Di-n-butylphthalate

Concen: 3.50 ng/ul
RT: 19.42 min Scan# 852
Delta R.T. 0.00 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	431957		
150	8.7		7.6	11.4
104	5.4		4.6	7.0





#74

Fluoranthene

Concen: 3.42 ng/ul

RT: 20.52 min Scan# 909

Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Instrument :

BNA_B

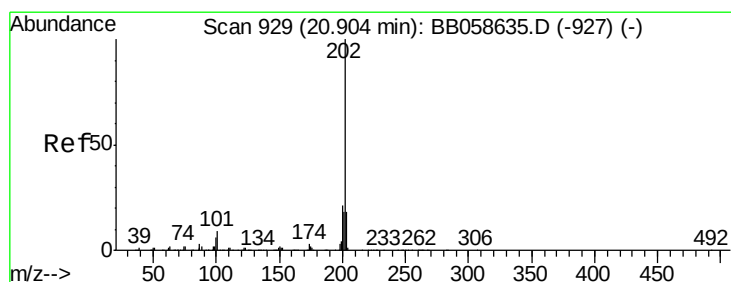
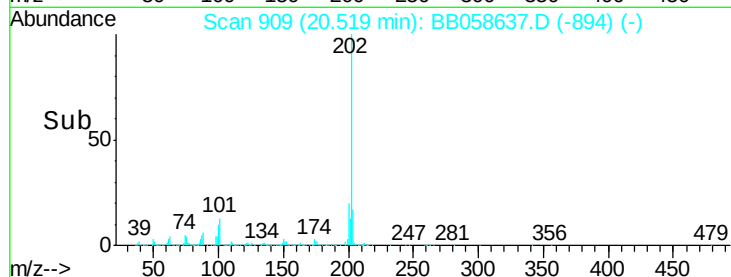
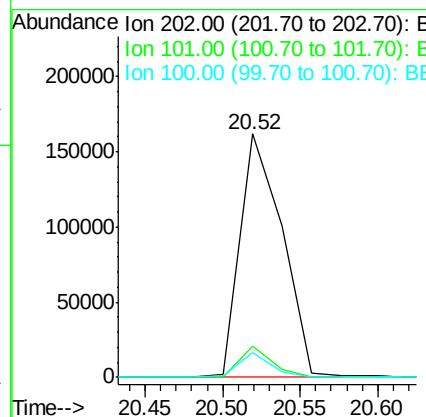
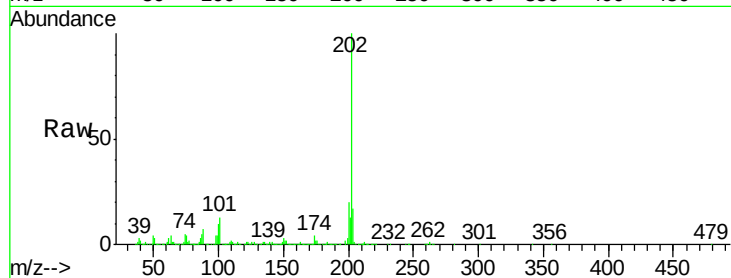
ClientSampleId :

MDL-01-S-ML

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	6.9	10.3#
100	10.1	5.4	8.0#

Manual Integrations
APPROVED

umangi
10/19/2016 1:46:45 PM



#77

Pyrene

Concen: 4.18 ng/ul

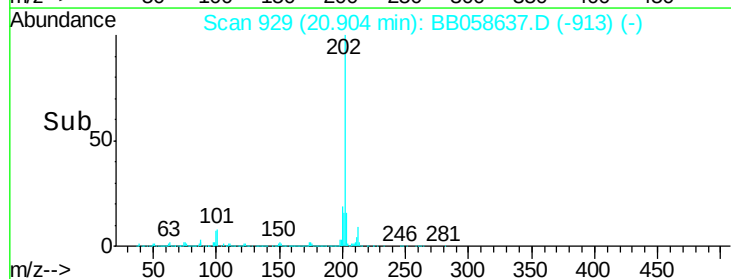
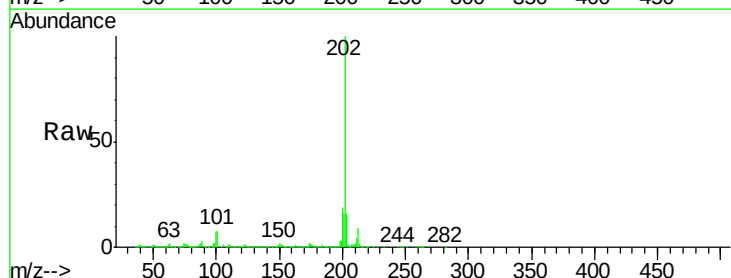
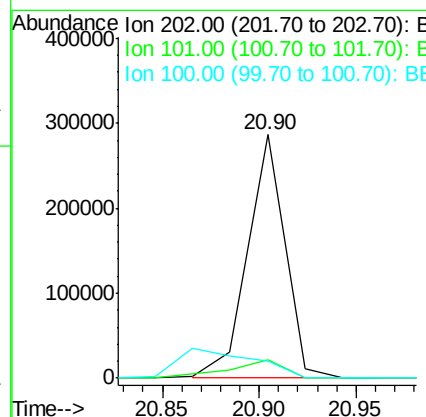
RT: 20.90 min Scan# 929

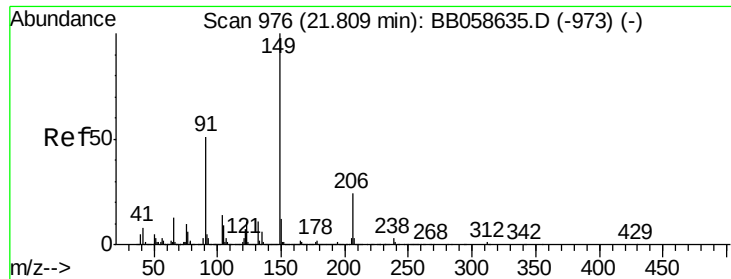
Delta R.T. 0.00 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.7	8.4	12.6#
100	6.8	6.9	10.3#





#78

Butylbenzylphthalate

Concen: 3.03 ng/ul

RT: 21.79 min Scan# 975

Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Instrument :

BNA_B

ClientSampleId :

MDL-01-S-ML

Tgt Ion: 149 Resp: 176003

Ion Ratio Lower Upper

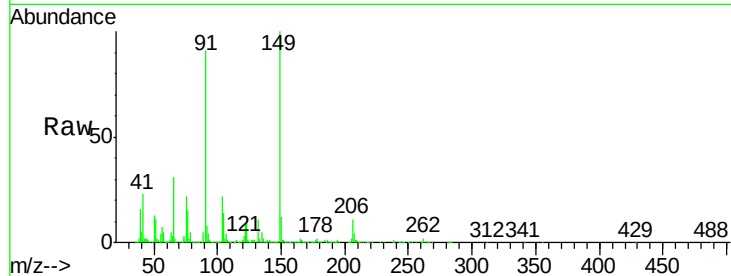
149 100

91 91.2 57.3 85.9#

206 11.0 18.6 27.8#

Manual Integrations
APPROVED

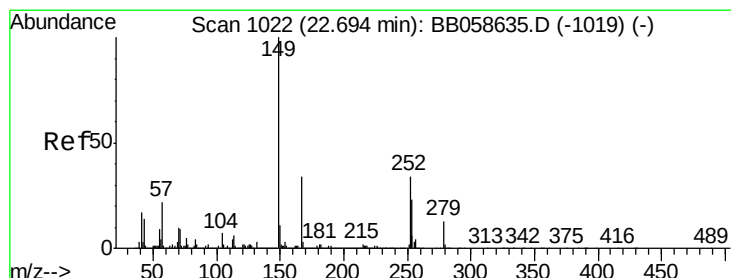
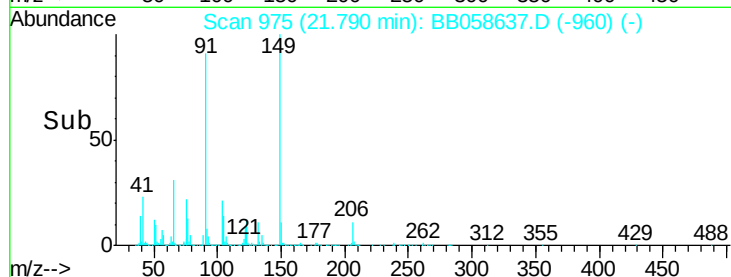
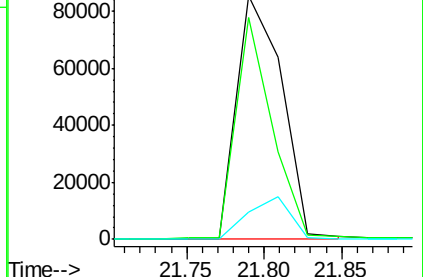
umangi
10/19/2016 1:46:45 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BB0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 1.83 ng/ul

RT: 22.68 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

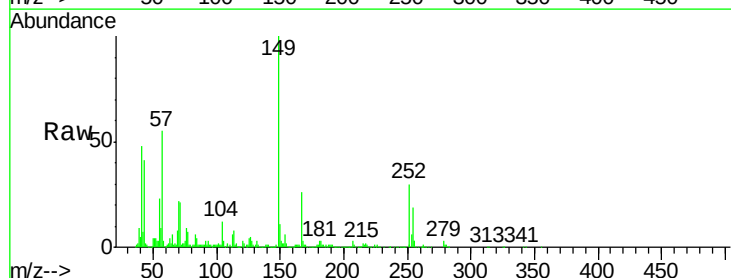
Tgt Ion: 252 Resp: 55499

Ion Ratio Lower Upper

252 100

254 64.5 51.0 76.4

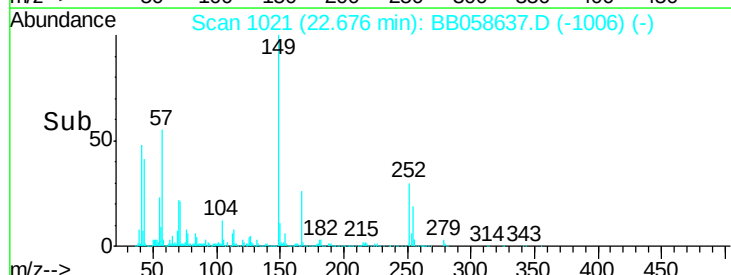
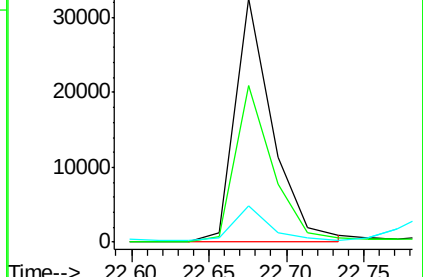
126 14.8 7.1 10.7#

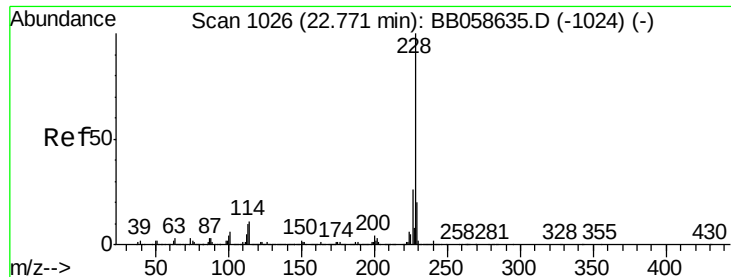


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 3.58 ng/ul

RT: 22.77 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Instrument :

BNA_B

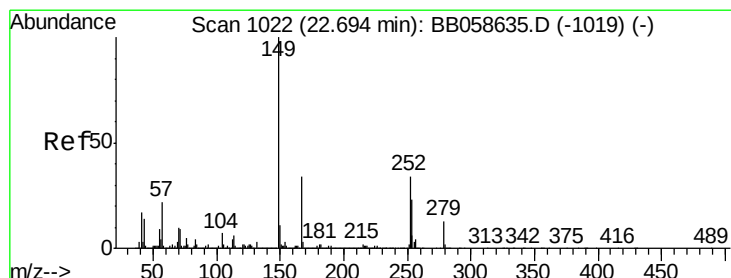
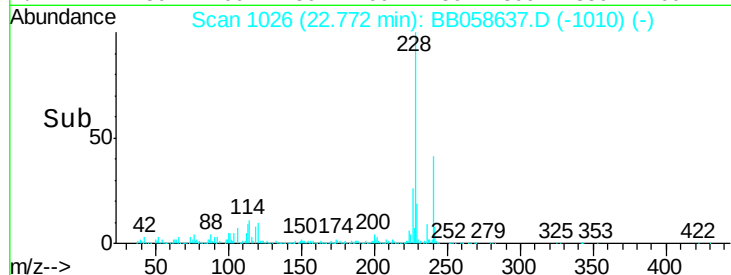
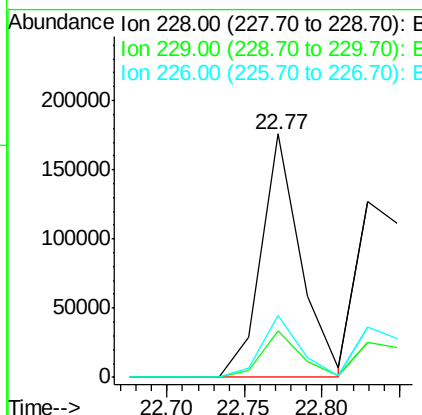
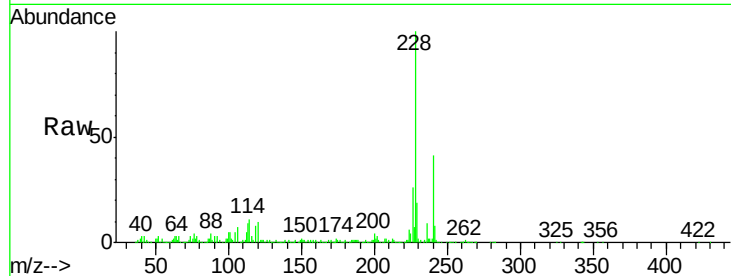
ClientSampleId :

MDL-01-S-ML

Tgt Ion:	228	Resp:	312747
Ion Ratio	Lower	Upper	
228	100		
229	19.2	15.6	23.4
226	25.6	21.8	32.8

Manual Integrations
APPROVED

umangi
10/19/2016 1:46:45 PM



#81

Bis(2-ethylhexyl)phthalate

Concen: 3.24 ng/ul

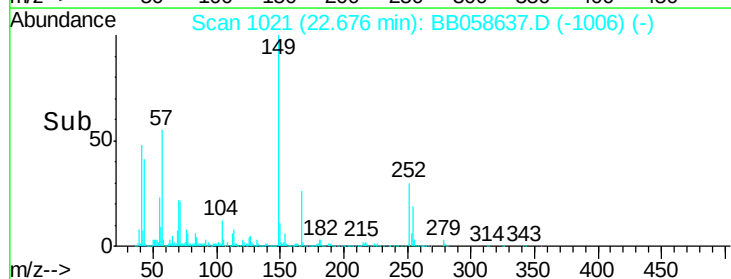
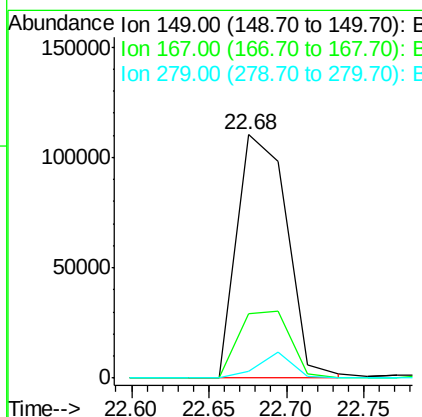
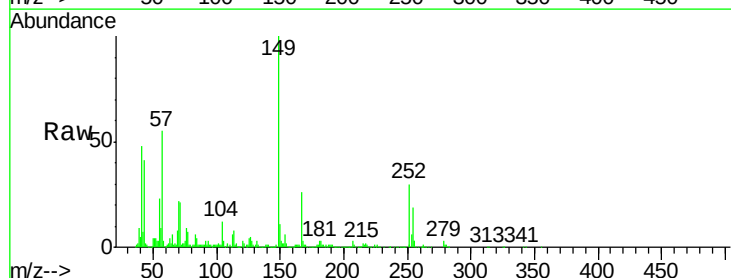
RT: 22.68 min Scan# 1021

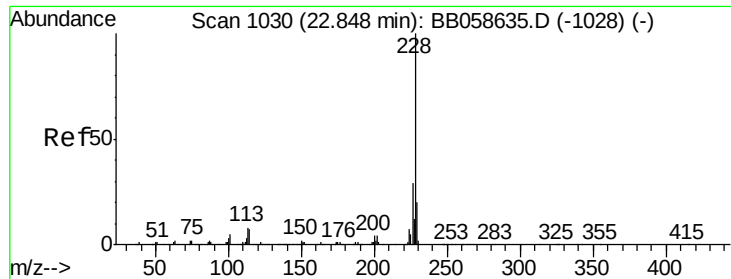
Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Tgt Ion:	149	Resp:	249944
Ion Ratio	Lower	Upper	
149	100		
167	26.4	23.2	34.8
279	3.1	4.1	6.1#





#82

Chrysene

Concen: 3.38 ng/ul

RT: 22.83 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Instrument :

BNA_B

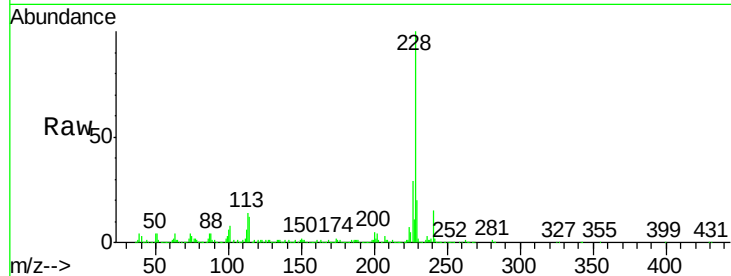
ClientSampleId :

MDL-01-S-ML

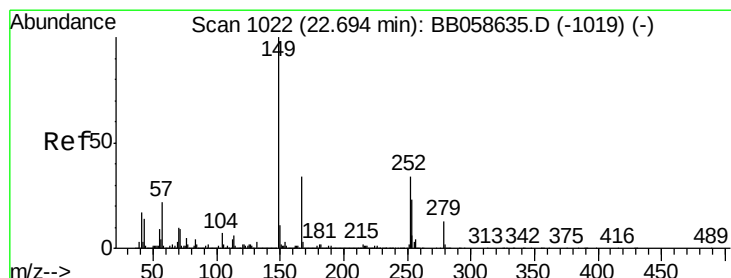
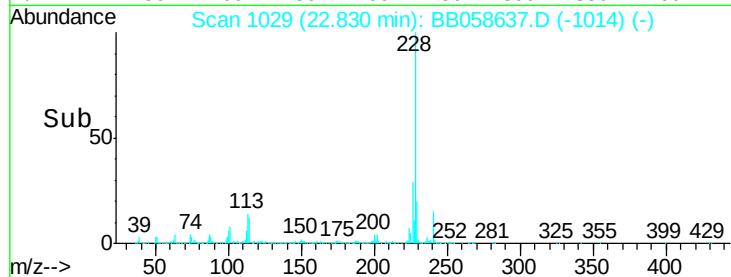
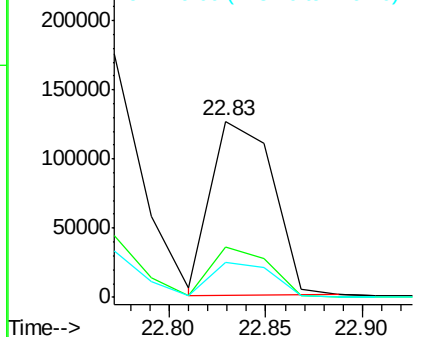
Tgt Ion:	228	Resp:	276973
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.4	35.2
229	20.0	15.5	23.3

Manual Integrations
APPROVED

umangi
10/19/2016 1:46:45 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 3.58 ng/ul

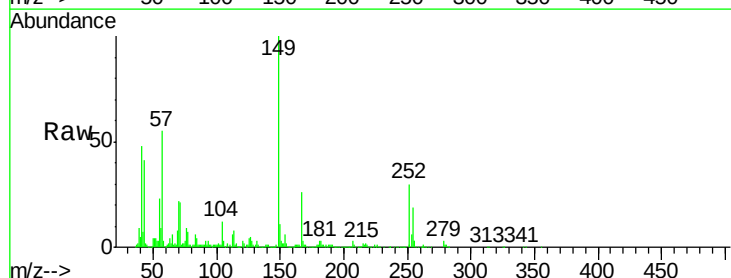
RT: 22.68 min Scan# 1021

Delta R.T. -0.02 min

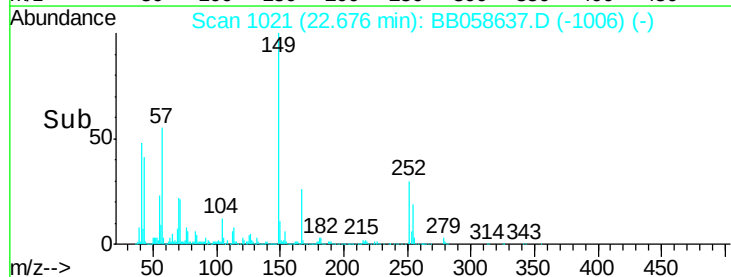
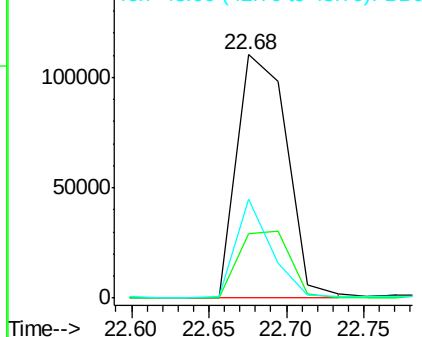
Lab File: BB058637.D

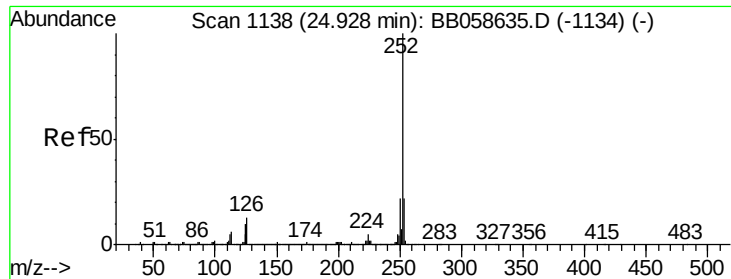
Acq: 18 Oct 2016 12:11

Tgt Ion:	149	Resp:	249944
Ion Ratio	Lower	Upper	
149	100		
167	26.4	1.3	1.9#
43	40.9	6.6	10.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BB0





#85

Benzo(b)fluoranthene

Concen: 3.11 ng/ul

RT: 24.91 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Instrument :

BNA_B

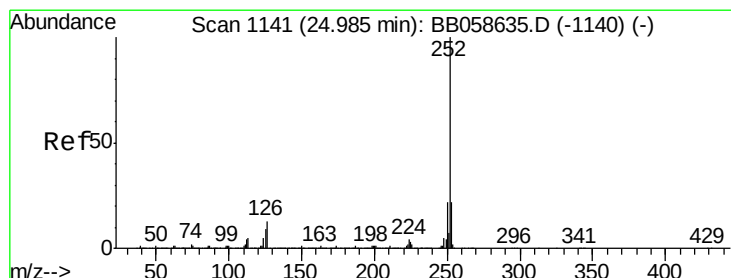
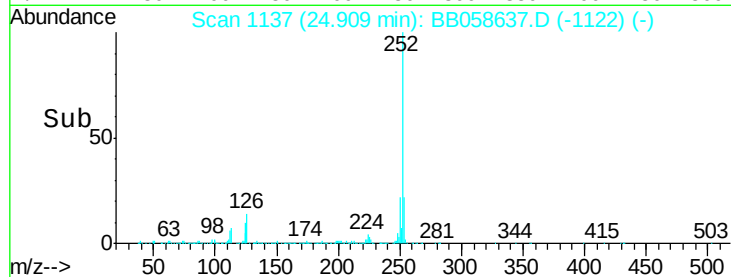
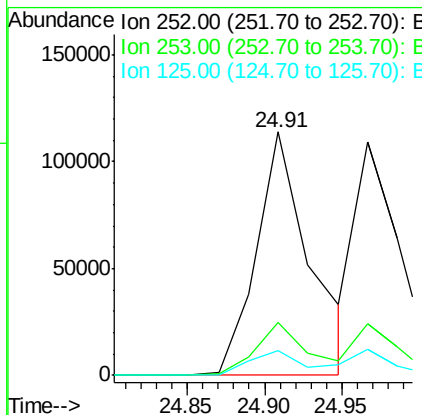
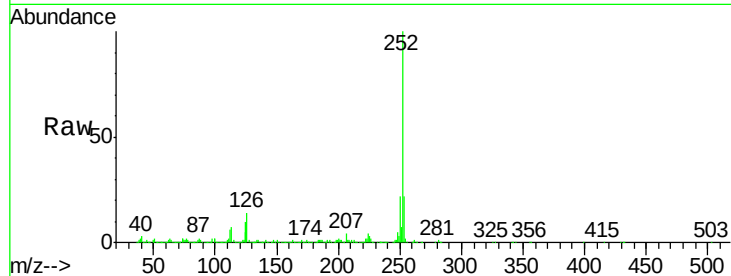
ClientSampleId :

MDL-01-S-ML

Tgt Ion:	252	Resp:	275951
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.1	25.7
125	10.2	5.8	8.8#

Manual Integrations
APPROVED

umangi
10/19/2016 1:46:45 PM



#86

Benzo(k)fluoranthene

Concen: 2.99 ng/ul

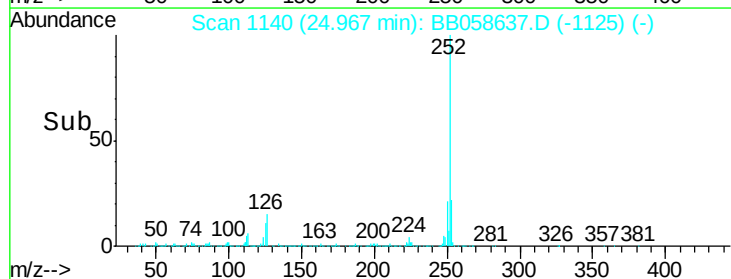
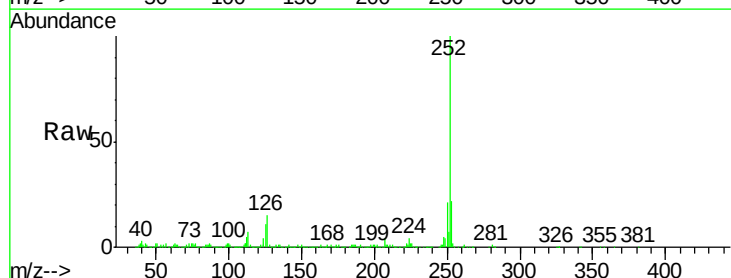
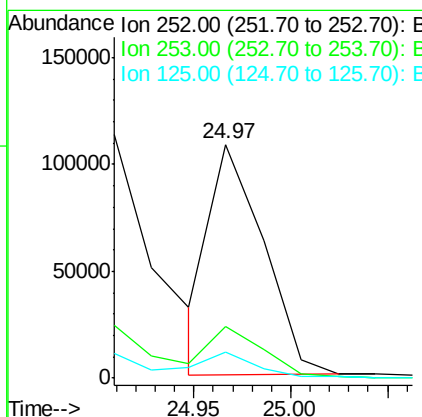
RT: 24.97 min Scan# 1140

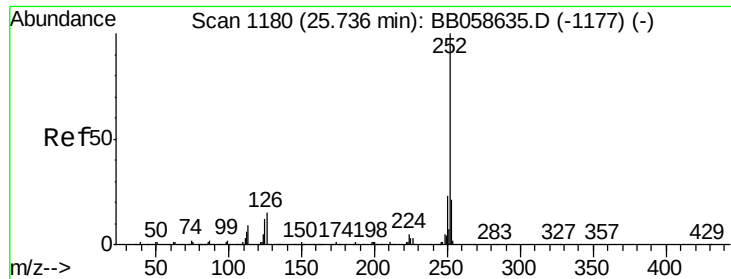
Delta R.T. -0.02 min

Lab File: BB058637.D

Acq: 18 Oct 2016 12:11

Tgt Ion:	252	Resp:	205422
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.6	26.4
125	11.3	5.7	8.5#





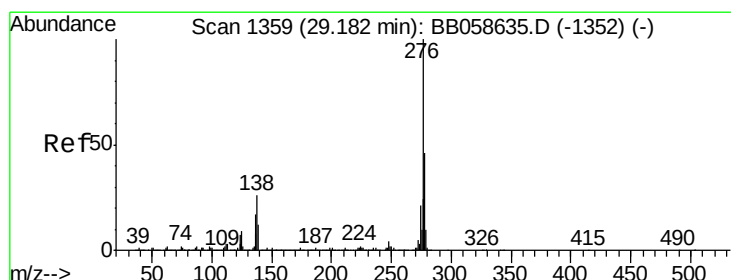
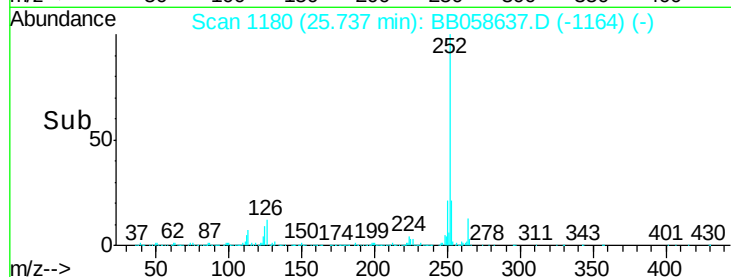
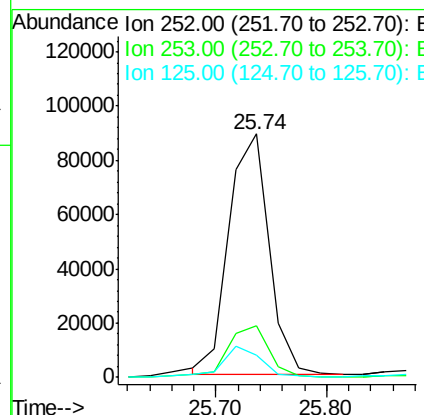
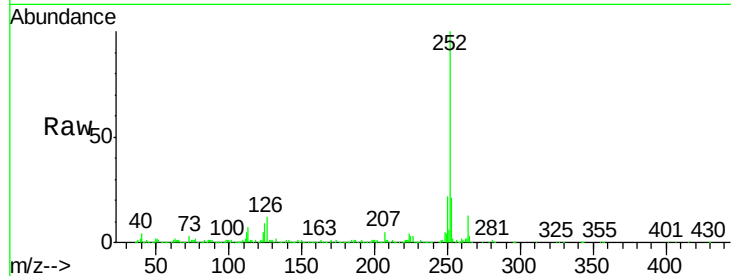
#88
Benzo(a)pyrene
Concen: 3.03 ng/ul
RT: 25.74 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Instrument :
BNA_B
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	225908		
253	21.0		17.7	26.5
125	9.0		6.6	9.8

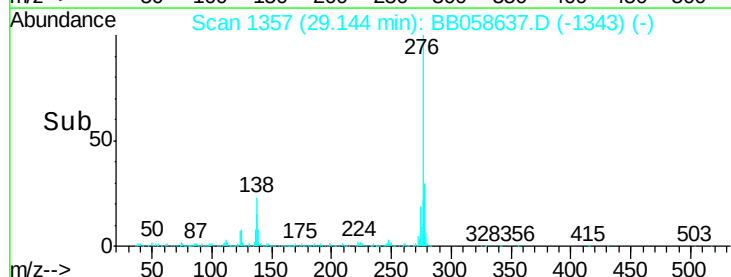
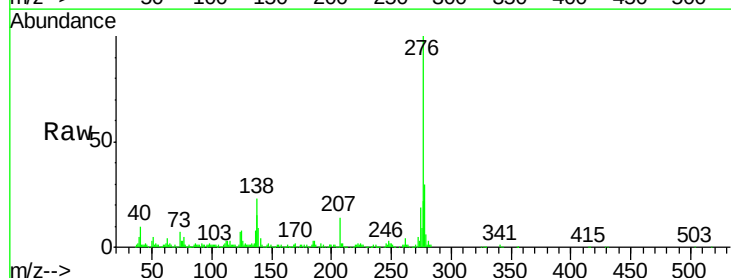
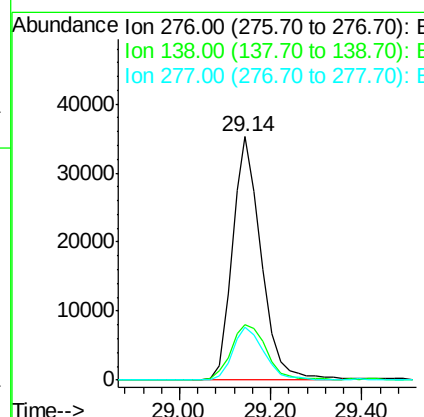
Manual Integrations
APPROVED

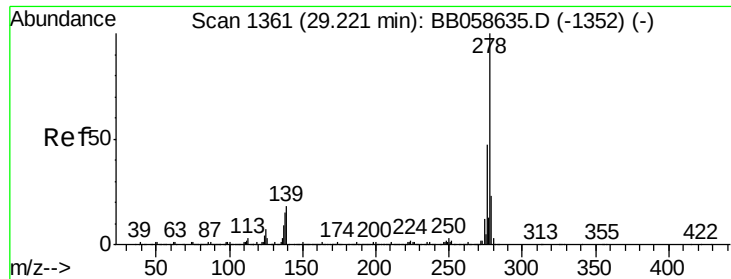
umangi
10/19/2016 1:46:45 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 2.40 ng/ul
RT: 29.14 min Scan# 1357
Delta R.T. -0.04 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	156232		
138	23.0		13.9	20.9#
277	21.8		20.1	30.1





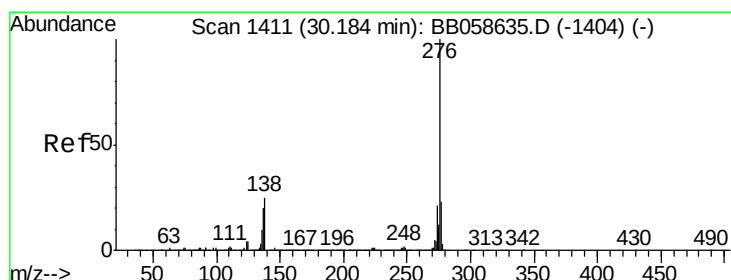
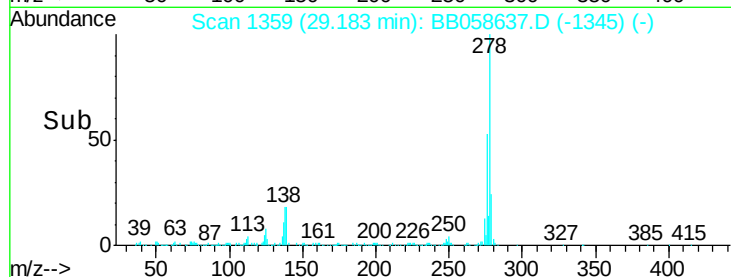
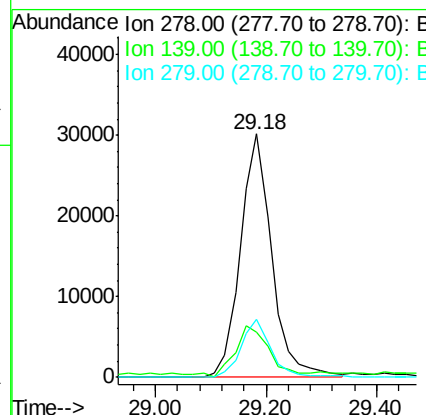
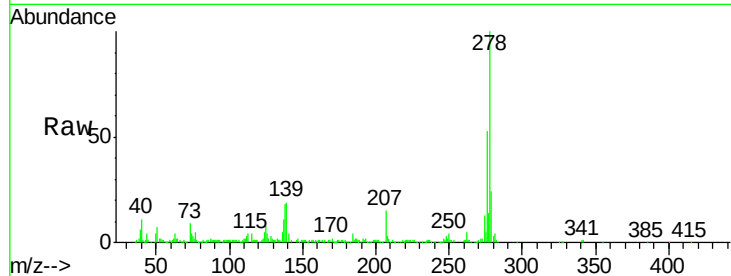
#90
Dibenzo(a,h)anthracene
Concen: 2.20 ng/ul
RT: 29.18 min Scan# 1359
Delta R.T. -0.04 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Instrument :
BNA_B
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	9.5	14.3#
279	23.9	19.1	28.7

Manual Integrations
APPROVED

umangi
10/19/2016 1:46:45 PM



#91
Benzo(g,h,i)perylene
Concen: 2.49 ng/ul
RT: 30.15 min Scan# 1409
Delta R.T. -0.04 min
Lab File: BB058637.D
Acq: 18 Oct 2016 12:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	13.5	20.3#
277	20.7	19.3	28.9

