

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101216\
 Data File : BB058615.D
 Acq On : 12 Oct 2016 11:31
 Operator : UM/SJ
 Sample : MDL-01-W
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleID :
 MDL-01-W

Manual Integrations
 APPROVED

SOHIL
 10/13/2016 11:12:26 AM

Quant Time: Oct 12 12:14:22 2016
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 11 14:09:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	472281	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.62	136	1772976	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.57	164	1031017	20.00	ng/ul	-0.02
61) Phenanthrene-d10	18.42	188	1767531m	20.00	ng/ul	-0.02
75) Chrysene-d12	22.79	240	1834139	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1453882	20.00	ng/ul	-0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.63	96	76856	7.37	ng/uL	0.00
5) Phenol-d5	7.79	99	1124314	32.77	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.94	67	766399	33.35	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	1257507	35.33	ng/ul	-0.02
13) 4-Methylphenol-d8	9.43	113	938846	33.06	ng/ul	-0.02
19) Nitrobenzene-d5	9.89	128	650871	35.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	741515	37.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.24	165	1008464	36.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1297348	38.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.95	166	2552521	37.23	ng/ul	-0.02
46) Acenaphthylene-d8	15.26	160	3130322	38.72	ng/ul	0.00
51) 4-Nitrophenol-d4	15.76	143	502268	31.90	ng/ul	-0.04
57) Fluorene-d10	16.61	176	2249909	40.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.72	200	574390	30.61	ng/ul	-0.02
70) Anthracene-d10	18.51	188	2941972	37.22	ng/ul	-0.02
76) Pyrene-d10	20.86	212	3036276	37.68	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.68	264	2507461	37.77	ng/ul	-0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.69	88	9988	0.97 ng/uL#	83
4) Benzaldehyde	7.73	77	57414	2.60 ng/ul	91
6) Phenol	7.83	94	107719	3.17 ng/ul#	68
8) Bis(2-Chloroethyl)ether	8.04	93	93269	3.33 ng/ul	88
10) 2-Chlorophenol	8.21	128	115119	3.40 ng/ul	99
11) 2-Methylphenol	9.16	108	87554	3.20 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.23	45	157050	3.18 ng/ul#	90
14) Acetophenone	9.52	105	133491	3.21 ng/ul#	74
15) N-Nitroso-di-n-propylamine	9.54	70	73805	3.00 ng/ul#	53
16) 4-Methylphenol	9.50	108	92677	3.14 ng/ul	93
17) Hexachloroethane	9.83	117	55635	3.39 ng/ul#	79
20) Nitrobenzene	9.93	77	110267	3.20 ng/ul#	82
21) Isophorone	10.49	82	220536	3.32 ng/ul	95
23) 2-Nitrophenol	10.68	139	72262	3.51 ng/ul	97
24) 2,4-Dimethylphenol	10.76	107	111613	3.31 ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.99	93	106148	3.32 ng/ul#	95
27) 2,4-Dichlorophenol	11.26	162	95280	3.40 ng/ul#	86
28) Naphthalene	11.66	128	300696	3.56 ng/ul	99
30) 4-Chloroaniline	11.78	127	115758	3.63 ng/ul	94
31) Hexachlorobutadiene	12.01	225	67863	3.55 ng/ul	97
32) Caprolactam	12.58	113	27635	2.72 ng/ul	85
33) 4-Chloro-3-methylphenol	12.93	107	91345	3.27 ng/ul	98
34) 2-Methylnaphthalene	13.32	142	208122	3.57 ng/ul	95

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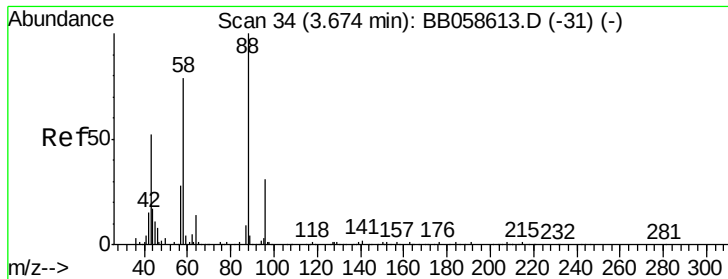
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	119256	3.77	ng/ul	94
37) Hexachlorocyclopentadiene	13.72	237	46482	2.33	ng/ul	98
38) 2,4,6-Trichlorophenol	13.95	196	68397	3.56	ng/ul	99
39) 2,4,5-Trichlorophenol	14.03	196	72502	3.55	ng/ul	97
40) 1,1'-Biphenyl	14.36	154	251778	3.64	ng/ul	97
41) 2-Chloronaphthalene	14.39	162	195987	3.56	ng/ul	94
42) 2-Nitroaniline	14.59	65	65636	3.10	ng/ul#	90
44) Dimethylphthalate	14.99	163	254540	3.71	ng/ul#	97
45) 2,6-Dinitrotoluene	15.11	165	60147	3.47	ng/ul	95
47) Acenaphthylene	15.28	152	312305	3.98	ng/ul	99
48) 3-Nitroaniline	14.59	138	70520	3.11	ng/ul#	45
49) Acenaphthene	15.65	153	192989	3.59	ng/ul	91
50) 2,4-Dinitrophenol	15.65	184	22359	1.81	ng/ul#	1
52) 4-Nitrophenol	15.78	109	42211	3.30	ng/ul#	80
53) Dibenzofuran	15.97	168	286080	3.73	ng/ul	89
54) 2,4-Dinitrotoluene	15.92	165	80506	3.33	ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	16.22	232	62253	3.49	ng/ul#	85
56) Diethylphthalate	16.42	149	275502	3.87	ng/ul	97
58) Fluorene	16.65	166	216263	3.47	ng/ul	92
59) 4-Chlorophenyl-phenylether	16.65	204	117784	3.51	ng/ul	96
60) 4-Nitroaniline	16.65	138	41201	2.30	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.72	198	52791m	2.82	ng/ul	
64) N-Nitrosodiphenylamine	16.86	169	196353	3.44	ng/ul	93
65) 4-Bromophenyl-phenylether	17.57	248	74009	3.27	ng/ul	96
66) Hexachlorobenzene	17.72	284	76847	3.39	ng/ul#	87
67) Atrazine	17.84	200	72133	3.32	ng/ul#	87
68) Pentachlorophenol	18.07	266	40796	2.54	ng/ul	99
69) Phenanthrene	18.46	178	334230m	3.80	ng/ul	
71) Anthracene	18.55	178	332937	3.70	ng/ul	100
72) Carbazole	18.82	167	274211	3.65	ng/ul	98
73) Di-n-butylphthalate	19.40	149	469386	3.83	ng/ul	98
74) Fluoranthene	20.52	202	373056	4.16	ng/ul#	95
77) Pyrene	20.88	202	348496	3.64	ng/ul#	89
78) Butylbenzylphthalate	21.79	149	202296	3.26	ng/ul#	94
79) 3,3'-Dichlorobenzidine	22.67	252	68561	2.12	ng/ul#	91
80) Benzo(a)anthracene	22.77	228	363679	3.89	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.67	149	274141	3.32	ng/ul	98
82) Chrysene	22.83	228	309758	3.54	ng/ul	99
84) Di-n-octyl phthalate	22.67	149	274141	3.62	ng/ul#	42
85) Benzo(b)fluoranthene	24.91	252	287470	2.99	ng/ul	98
86) Benzo(k)fluoranthene	24.96	252	294656m	3.96	ng/ul	
88) Benzo(a)pyrene	25.71	252	281561	3.48	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	29.16	276	199596	2.83	ng/ul#	95
90) Dibenzo(a,h)anthracene	29.20	278	153579	2.62	ng/ul#	90
91) Benzo(g,h,i)perylene	30.16	276	164769	2.96	ng/ul#	93

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



#2

1,4-Dioxane

Concen: 0.97 ng/uL

RT: 3.69 min Scan# 35

Delta R.T. -0.00 min

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Instrument :

BNA_B

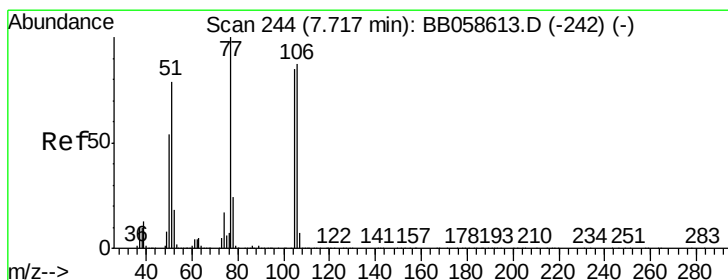
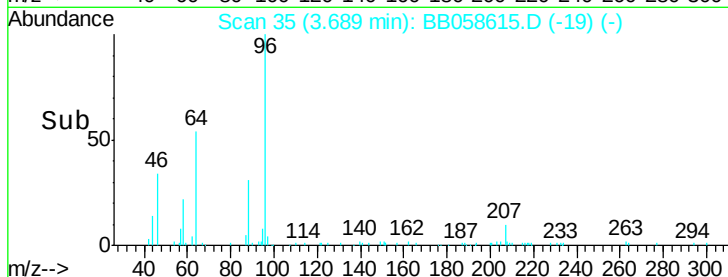
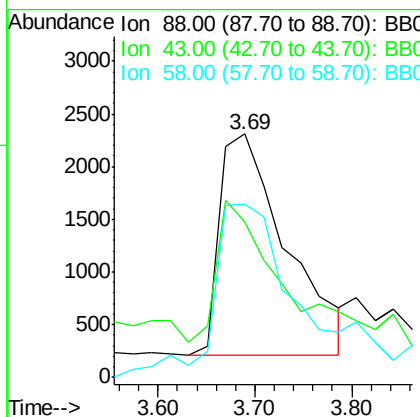
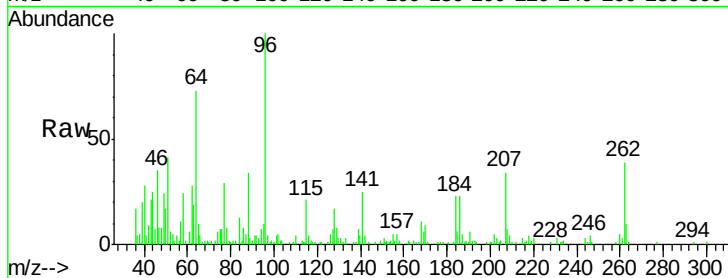
ClientSampled :

MDL-01-W

Tgt Ion:	88	Resp:	9988
Ion Ratio	Lower	Upper	
88	100		
43	52.6	22.6	34.0#
58	76.1	57.3	85.9

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#4

Benzaldehyde

Concen: 2.60 ng/uL

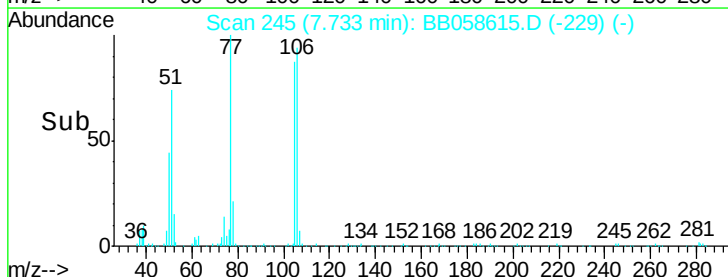
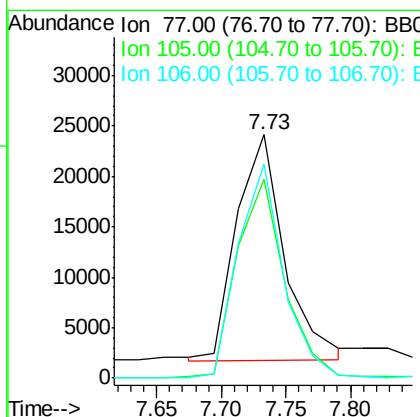
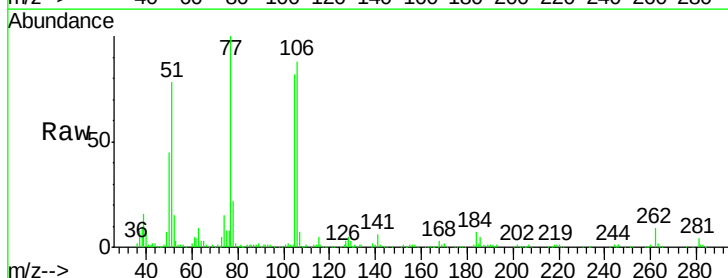
RT: 7.73 min Scan# 245

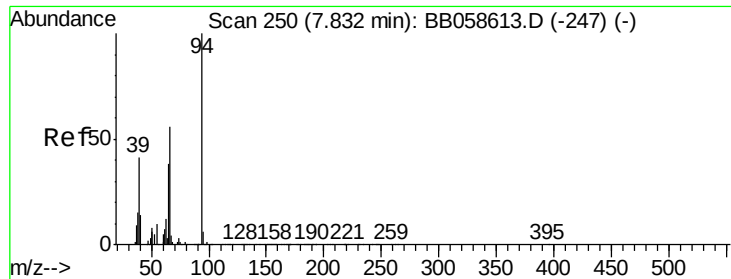
Delta R.T. -0.00 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Tgt Ion:	77	Resp:	57414
Ion Ratio	Lower	Upper	
77	100		
105	81.5	76.9	115.3
106	87.9	71.8	107.8





#6

Phenol

Concen: 3.17 ng/ul

RT: 7.83 min Scan# 250

Delta R.T. -0.00 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Instrument :

BNA_B

ClientSampleId :

MDL-01-W

Tgt Ion: 94 Resp: 107719

Ion Ratio Lower Upper

94 100

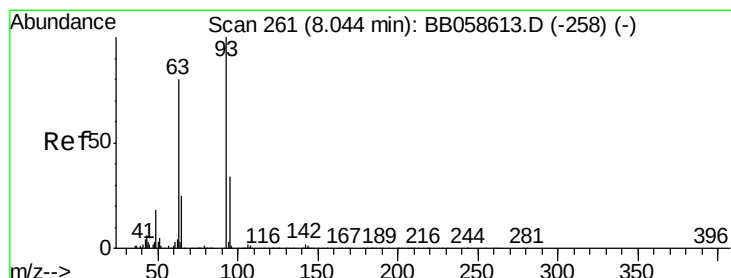
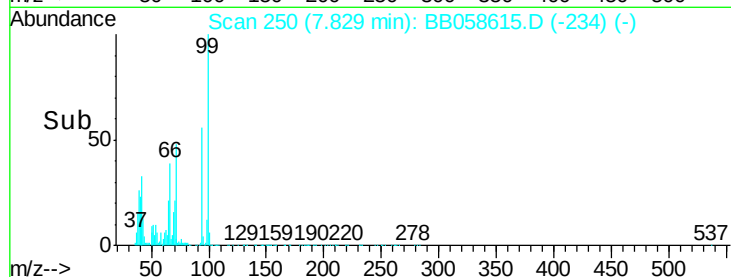
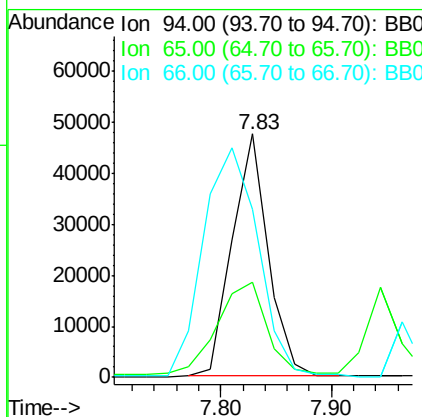
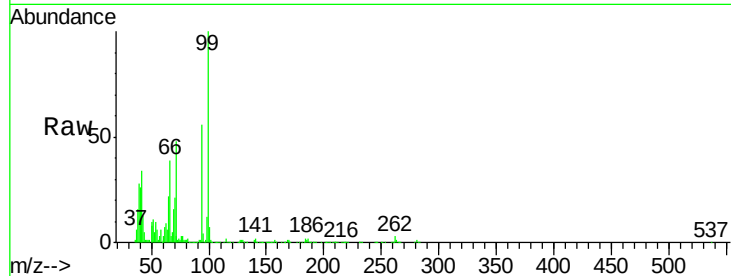
65 38.9 23.9 35.9#

66 69.2 33.5 50.3#

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#8

Bis(2-Chloroethyl)ether

Concen: 3.33 ng/ul

RT: 8.04 min Scan# 261

Delta R.T. -0.00 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

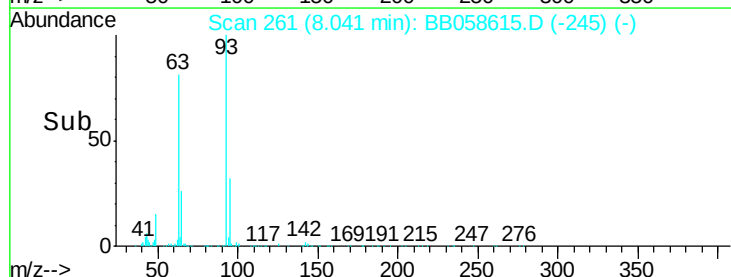
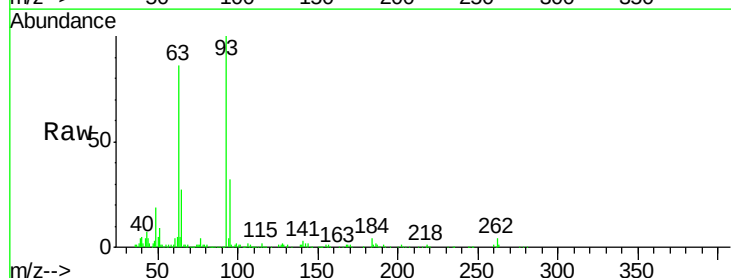
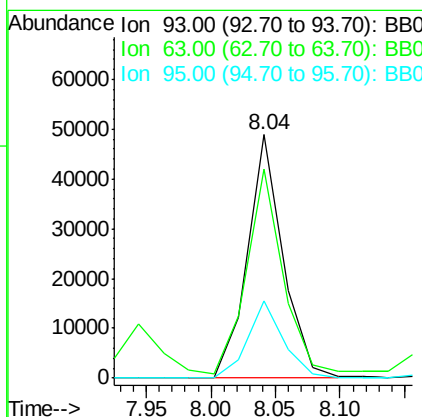
Tgt Ion: 93 Resp: 93269

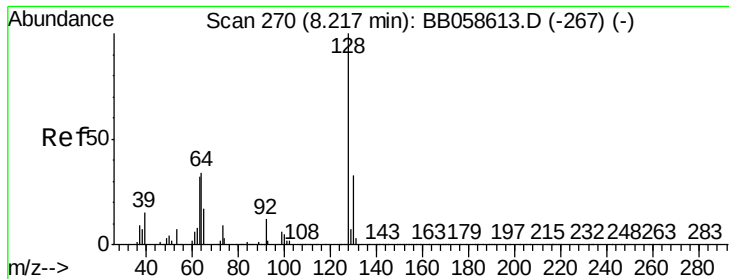
Ion Ratio Lower Upper

93 100

63 85.8 57.3 85.9

95 31.6 25.1 37.7





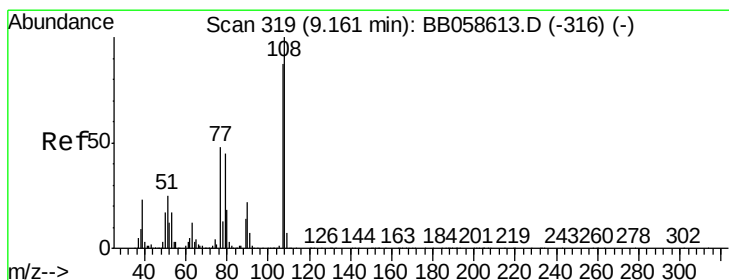
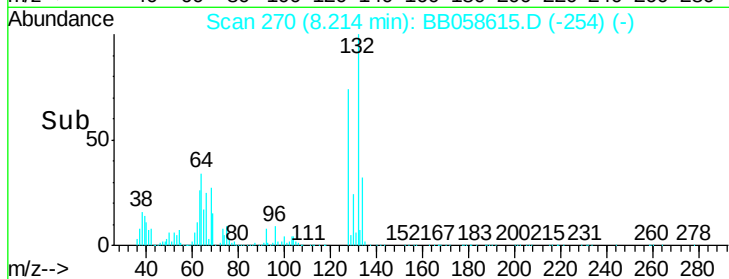
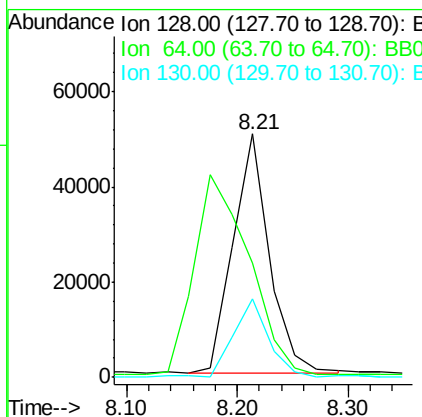
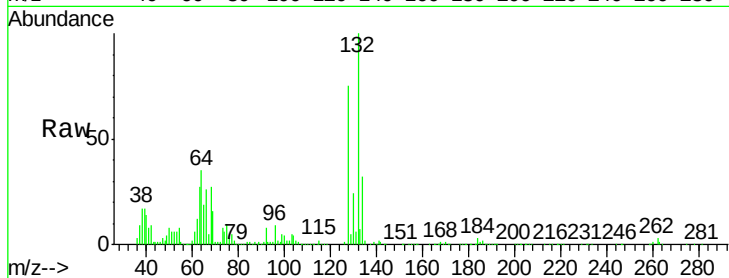
#10
2-Chlorophenol
Concen: 3.40 ng/ul
RT: 8.21 min Scan# 270
Delta R.T. -0.00 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Instrument :
BNA_B
ClientSampleId :
MDL-01-W

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	115119		
64	46.9	37.5	56.3	
130	32.5	25.0	37.4	

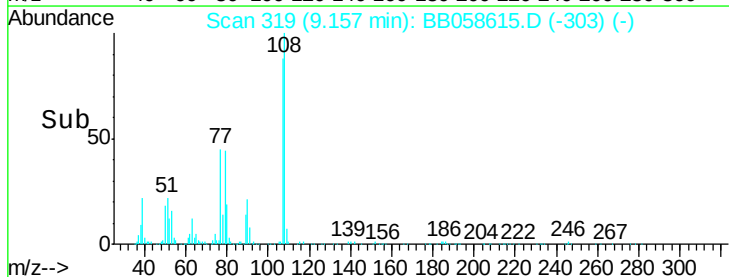
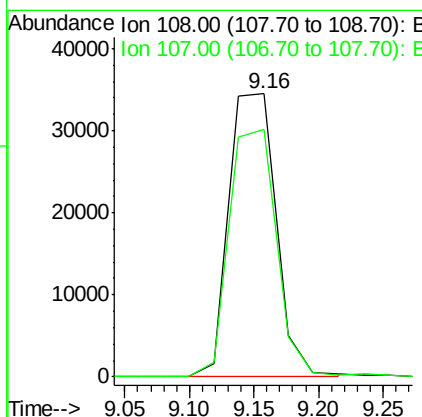
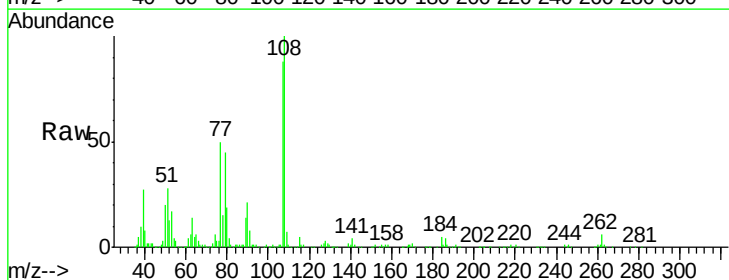
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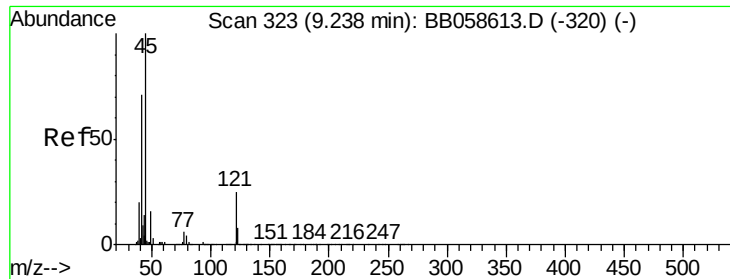
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#11
2-Methylphenol
Concen: 3.20 ng/ul
RT: 9.16 min Scan# 319
Delta R.T. -0.00 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	87554		
107	87.6	71.8	107.6	





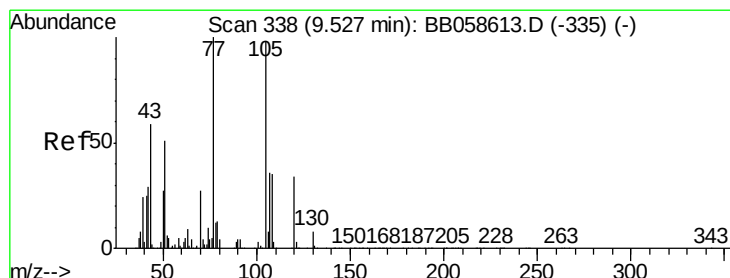
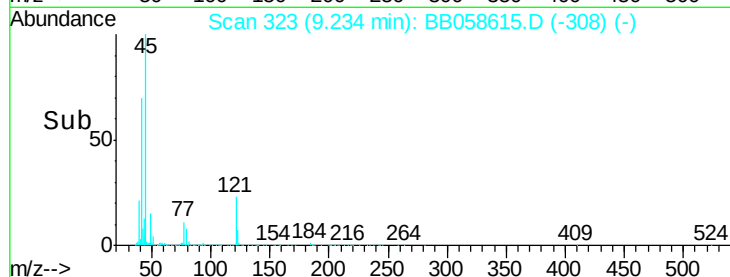
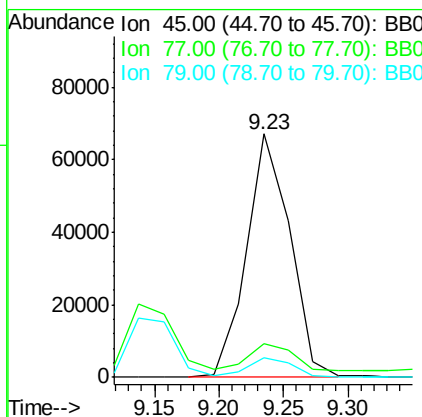
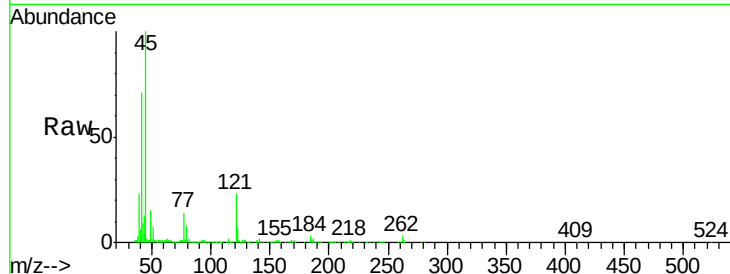
#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.18 ng/ul
RT: 9.23 min Scan# 323
Delta R.T. -0.02 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Instrument :
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	14.1	21.1#
79	7.8	10.4	15.6#

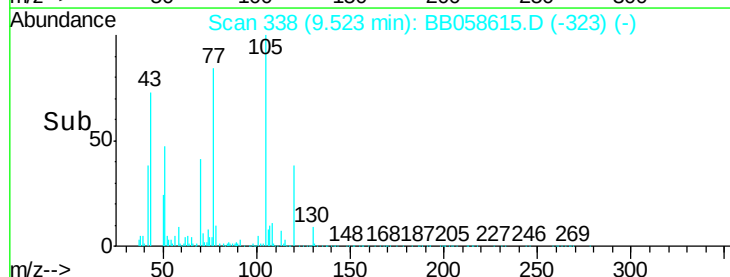
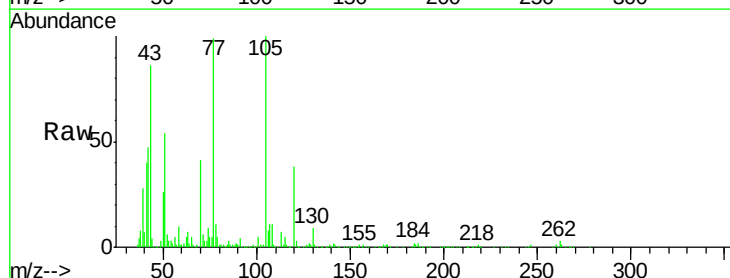
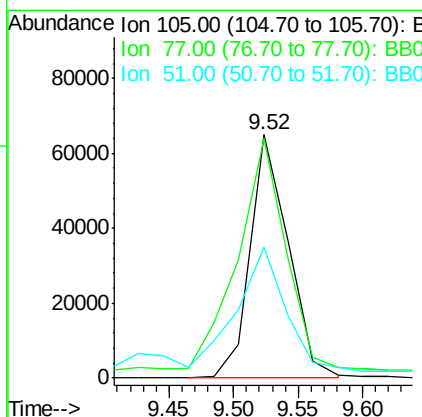
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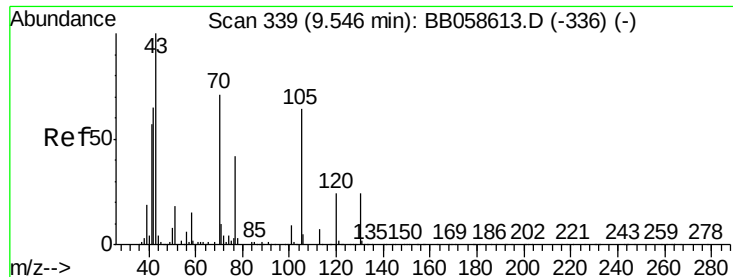
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#14
Acetophenone
Concen: 3.21 ng/ul
RT: 9.52 min Scan# 338
Delta R.T. -0.02 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Lower	Upper
105	100		
77	98.6	65.9	98.9
51	53.7	22.2	33.2#





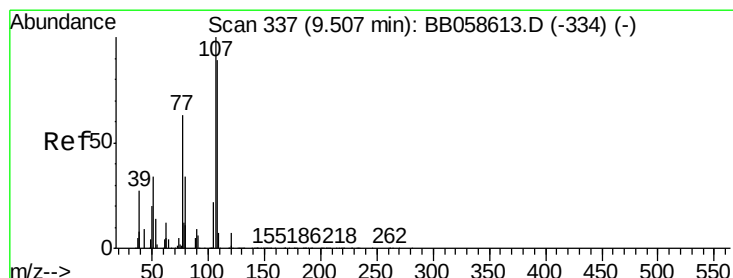
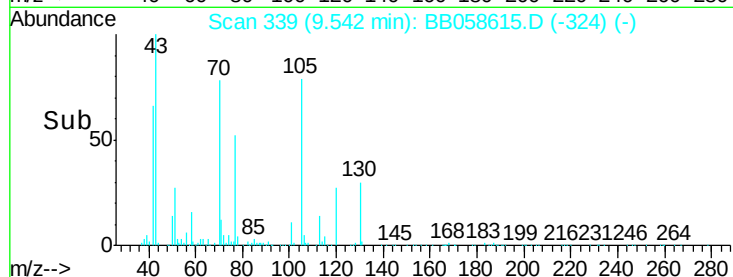
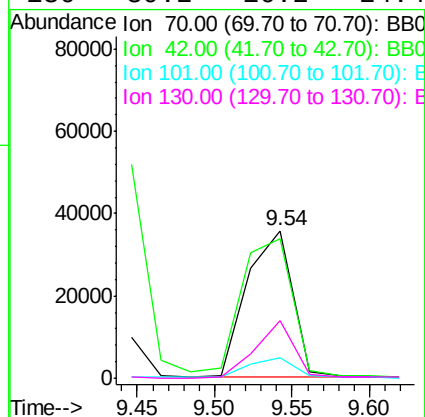
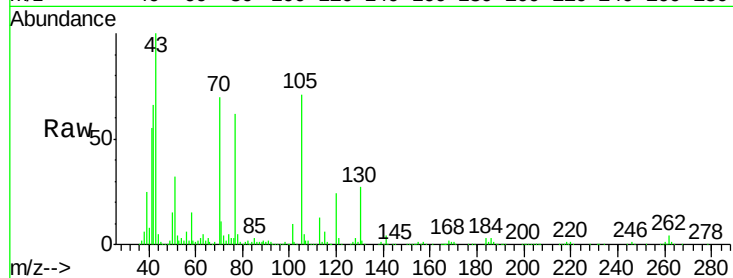
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N-Nitroso-di-n-propylamine
Concen: 3.00 ng/ul
RT: 9.54 min Scan# 339
Delta R.T. -0.02 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Instrument :
BNA_B
ClientSampleId :
MDL-01-W

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	94.7	43.4	65.2#	
101	13.9	7.8	11.6#	
130	39.2	16.2	24.4#	

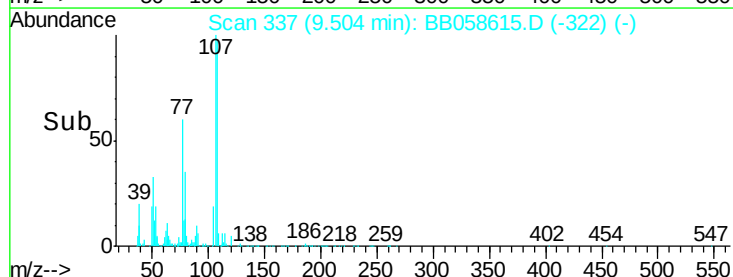
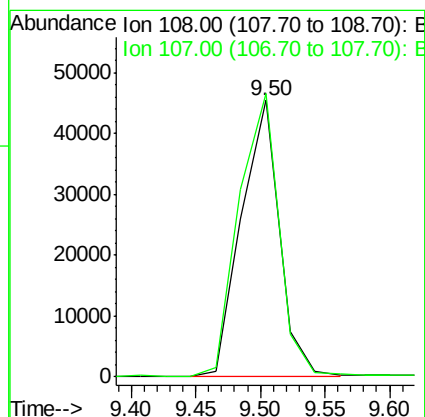
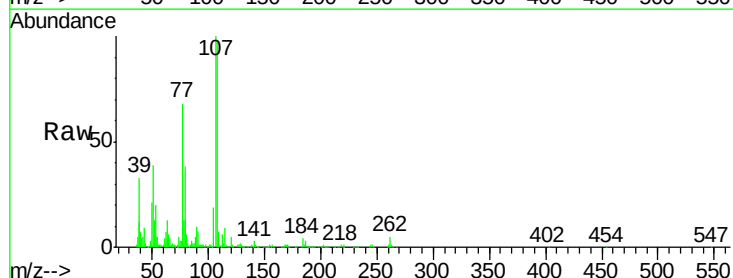
Manual Integrations
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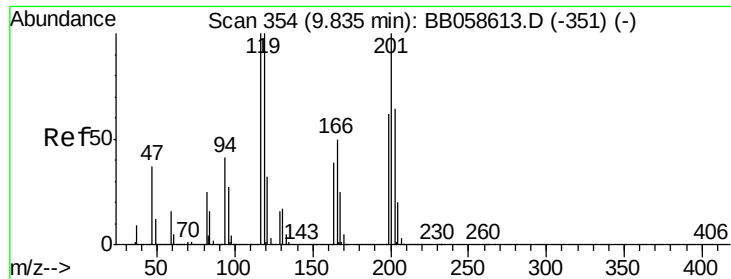
SOHIL
10/13/2016 11:12:26 AM



#16
4-Methylphenol
Concen: 3.14 ng/ul
RT: 9.50 min Scan# 337
Delta R.T. -0.02 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	102.4	87.8	131.8	





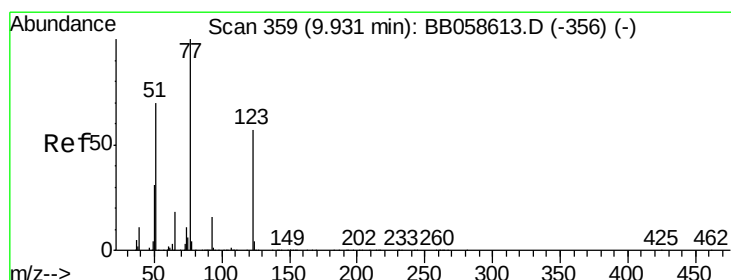
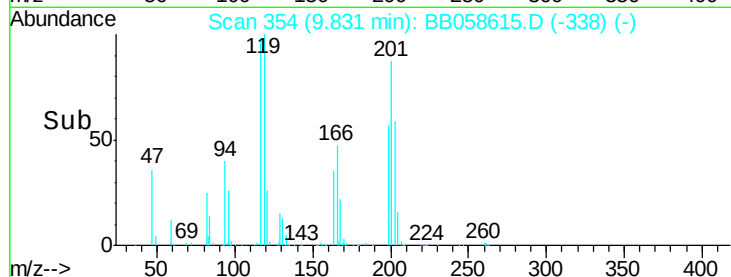
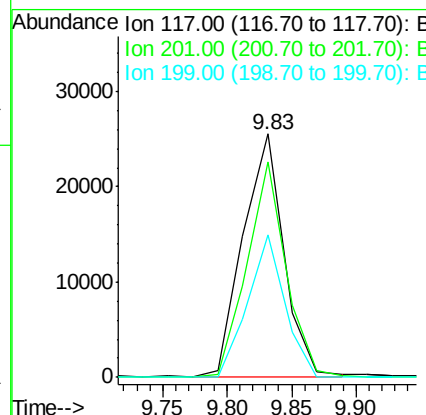
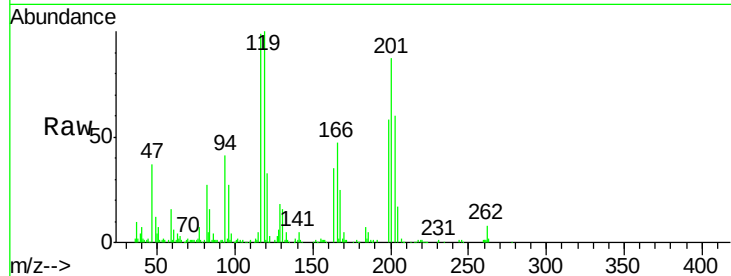
#17
Hexachloroethane
Concen: 3.39 ng/ul
RT: 9.83 min Scan# 354
Delta R.T. -0.00 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Instrument :
BNA_B
ClientSampled :
MDL-01-W

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
201	88.6	90.3	135.5#
199	58.6	58.5	87.7

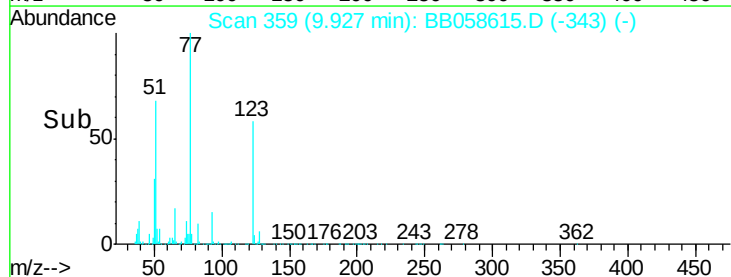
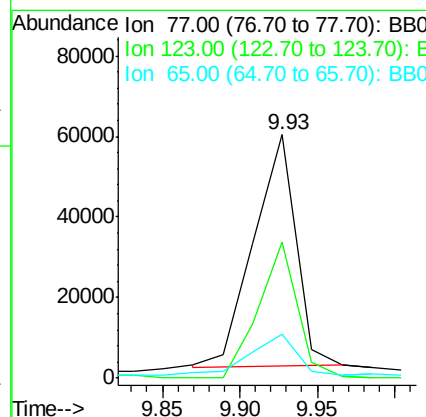
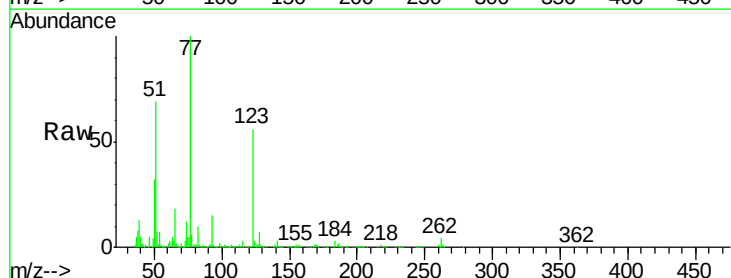
Manual Integrations
APPROVED

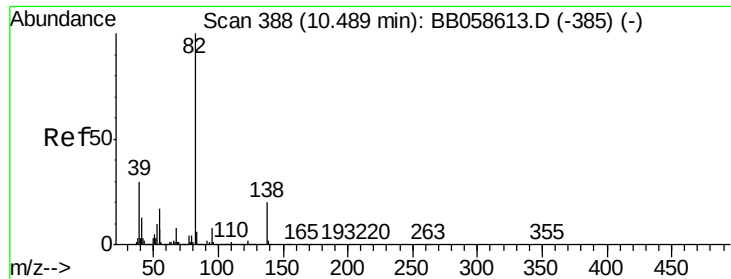
SOHIL
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#20
Nitrobenzene
Concen: 3.20 ng/ul
RT: 9.93 min Scan# 359
Delta R.T. -0.00 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	56.0	34.2	51.4#
65	18.0	11.0	16.6#





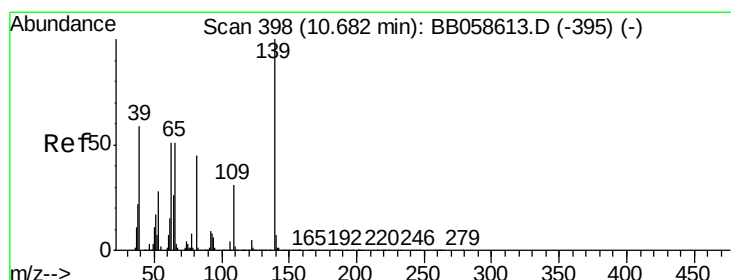
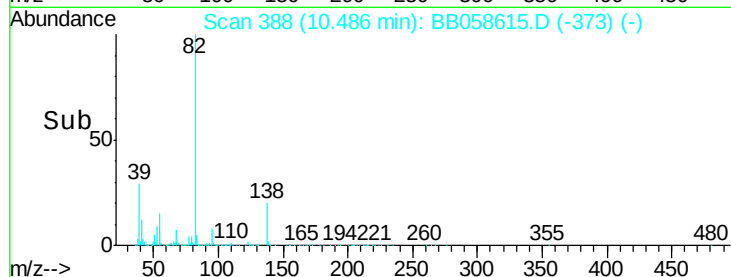
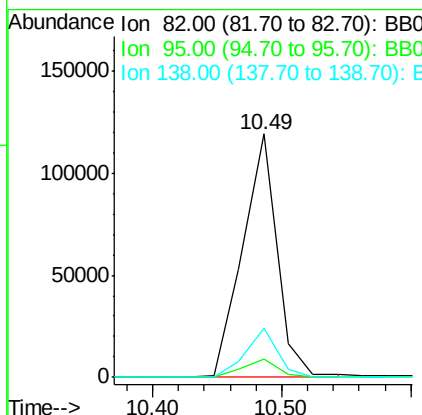
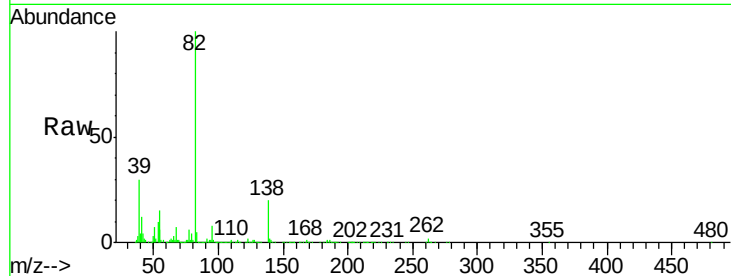
#21
Isophorone
Concen: 3.32 ng/ul
RT: 10.49 min Scan# 388
Delta R.T. -0.02 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Instrument :
BNA_B
ClientSampleId :
MDL-01-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	7.8	6.9	10.3
138	20.4	13.8	20.8

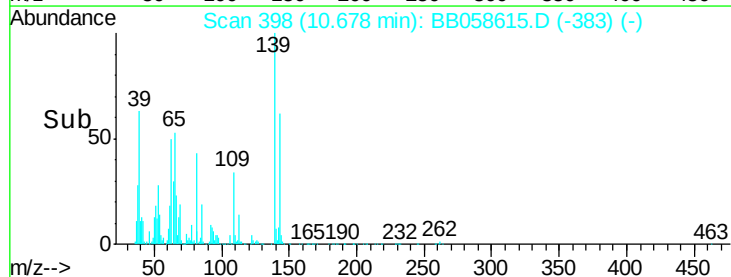
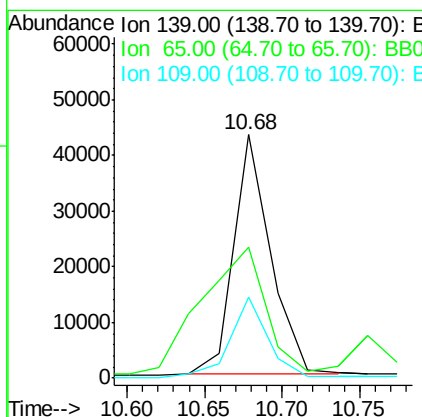
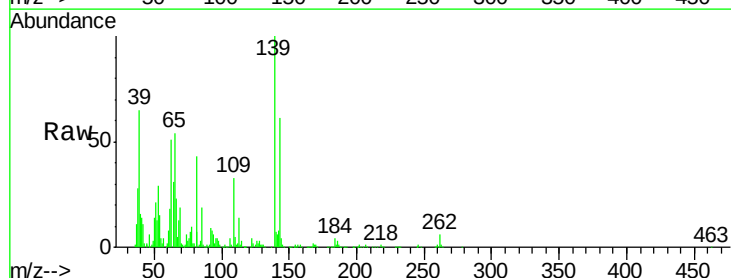
Manual Integrations
APPROVED

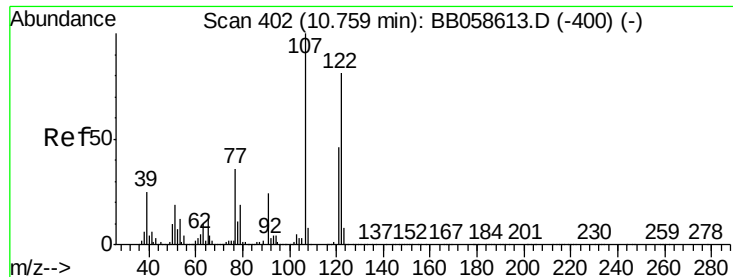
SOHIL
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#23
2-Nitrophenol
Concen: 3.51 ng/ul
RT: 10.68 min Scan# 398
Delta R.T. -0.02 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
65	53.7	44.2	66.4
109	33.5	28.2	42.4





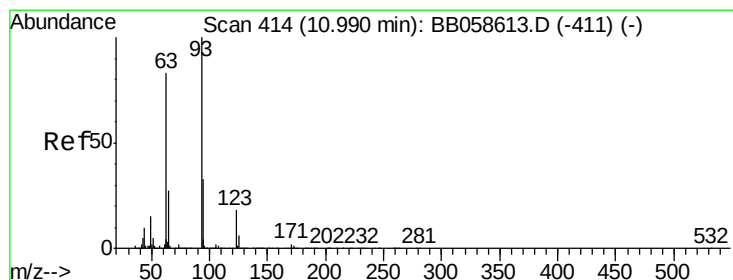
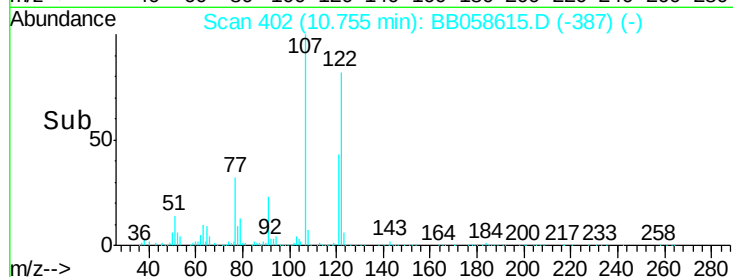
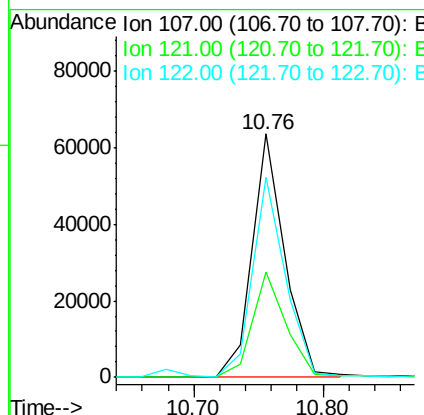
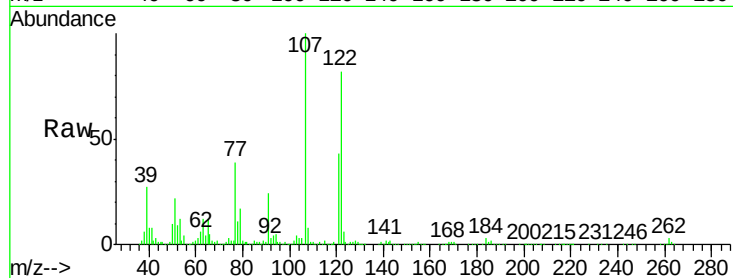
#24
 2,4-Dimethylphenol
 Concen: 3.31 ng/ul
 RT: 10.76 min Scan# 402
 Delta R.T. -0.02 min
 Lab File: BB058615.D
 Acq: 12 Oct 2016 11:31

Instrument :
 BNA_B
 ClientSampled :
 MDL-01-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
121	43.4	37.1	55.7
122	82.4	62.8	94.2

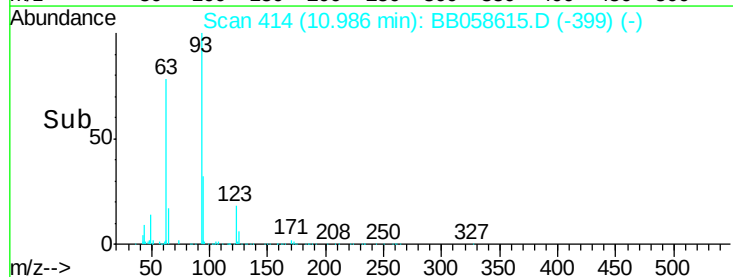
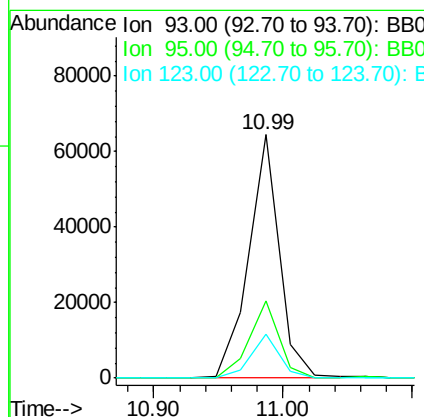
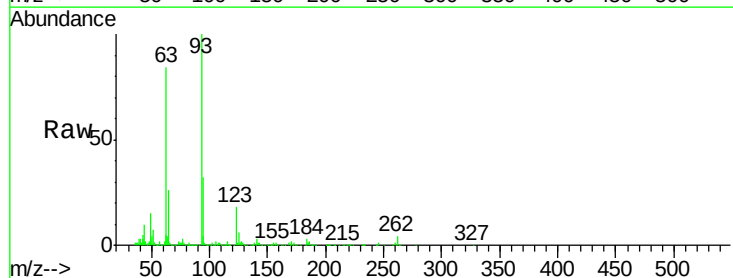
Manual Integrations
 APPROVED

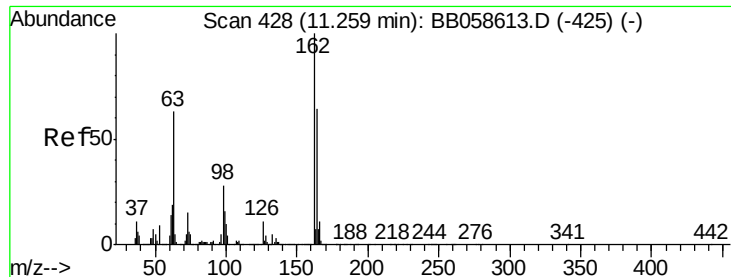
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.32 ng/ul
 RT: 10.99 min Scan# 414
 Delta R.T. -0.02 min
 Lab File: BB058615.D
 Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	31.9	25.4	38.0
123	18.1	8.3	12.5#





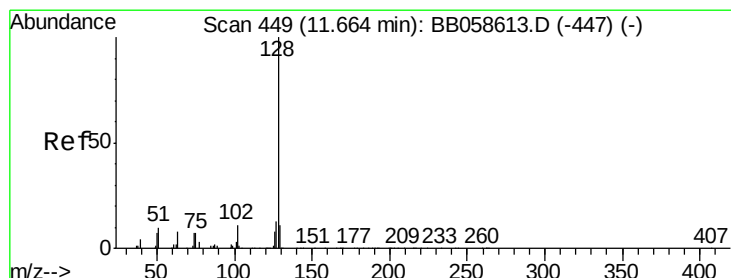
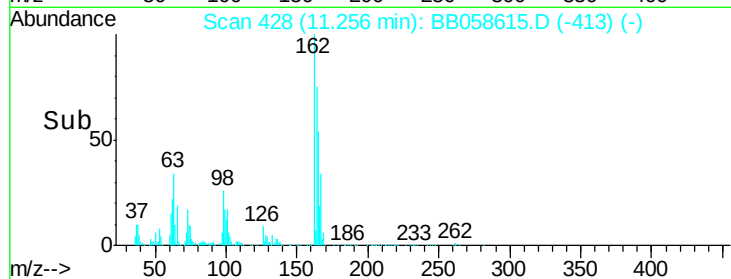
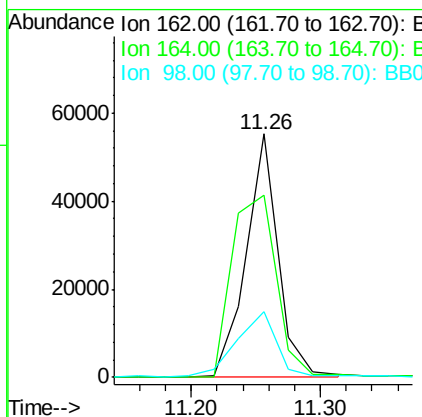
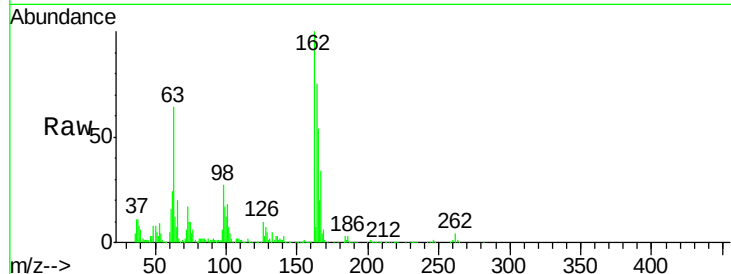
#27
2,4-Dichlorophenol
Concen: 3.40 ng/ul
RT: 11.26 min Scan# 428
Delta R.T. -0.02 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Instrument :
BNA_B
ClientSampleId :
MDL-01-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	75.1	51.6	77.4
98	26.7	28.4	42.6

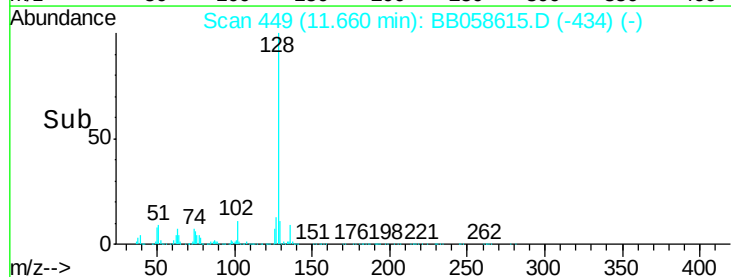
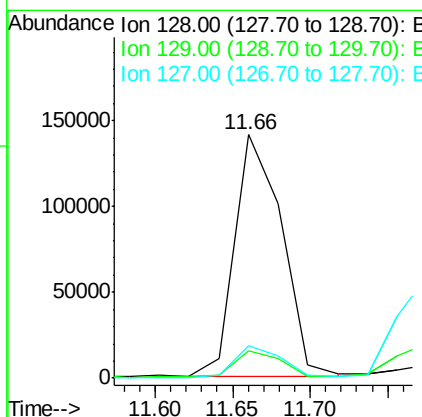
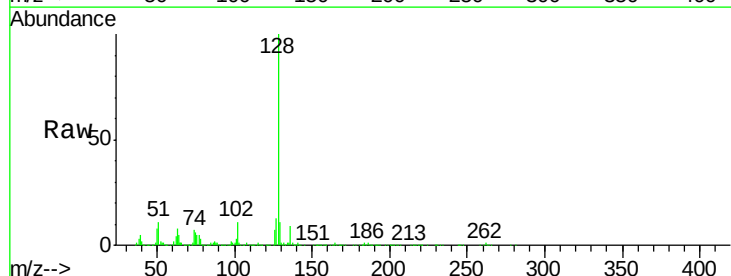
Manual Integrations
APPROVED

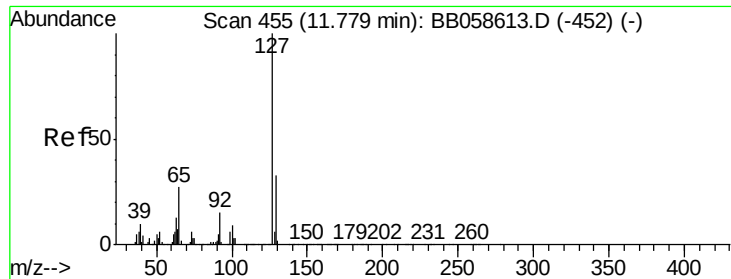
SOHIL
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#28
Naphthalene
Concen: 3.56 ng/ul
RT: 11.66 min Scan# 449
Delta R.T. -0.02 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.0	8.6	12.8
127	13.5	10.6	15.8





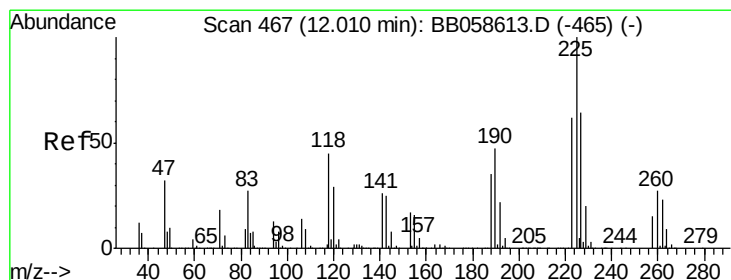
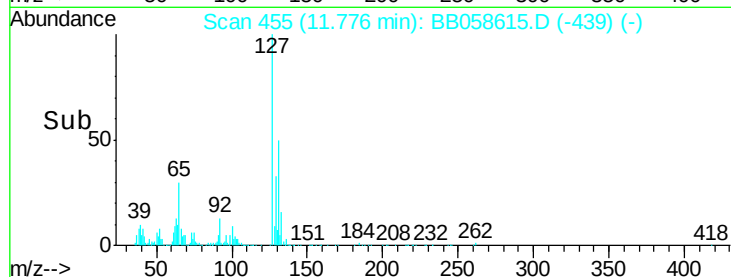
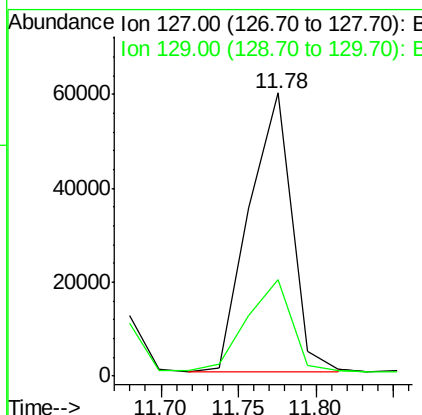
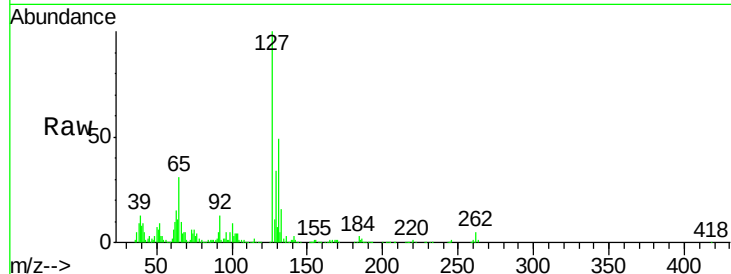
#30
4-Chloroaniline
Concen: 3.63 ng/ul
RT: 11.78 min Scan# 455
Delta R.T. -0.00 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Instrument :
BNA_B
ClientSampleId :
MDL-01-W

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	115758		
129	33.9	24.6	37.0	

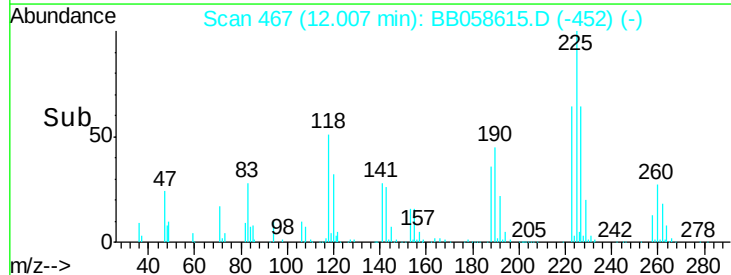
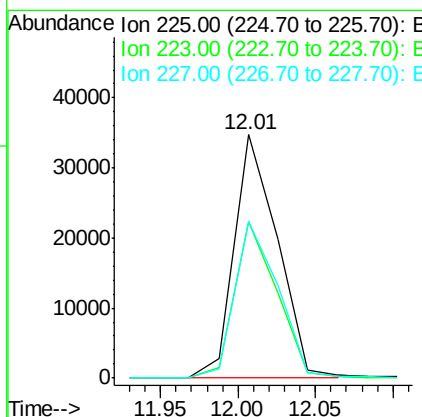
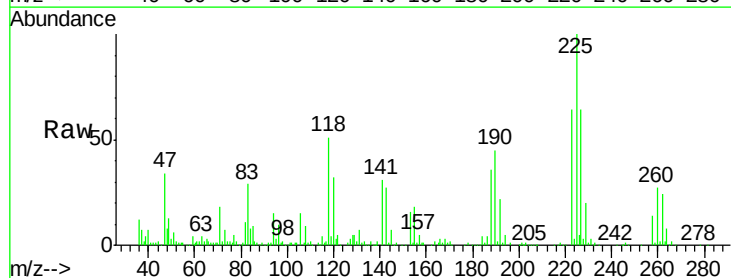
Manual Integrations
APPROVED

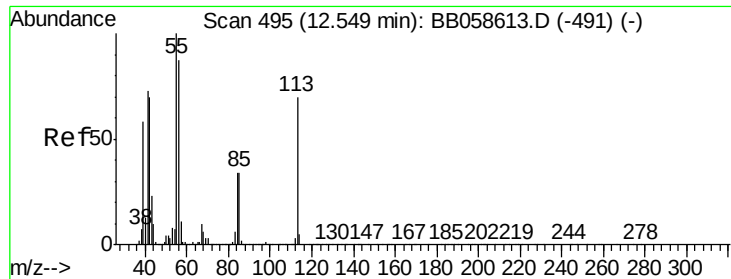
SOHIL
10/13/2016 11:12:26 AM



#31
Hexachlorobutadiene
Concen: 3.55 ng/ul
RT: 12.01 min Scan# 467
Delta R.T. -0.02 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67863		
223	67.3	51.2	76.8	
227	64.1	52.5	78.7	





#32

Caprolactam

Concen: 2.72 ng/ul

RT: 12.58 min Scan# 497

Delta R.T. 0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Instrument :

BNA_B

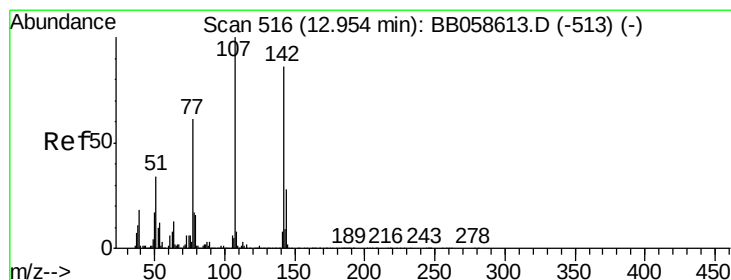
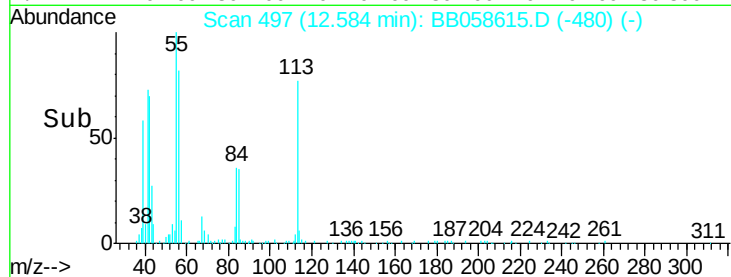
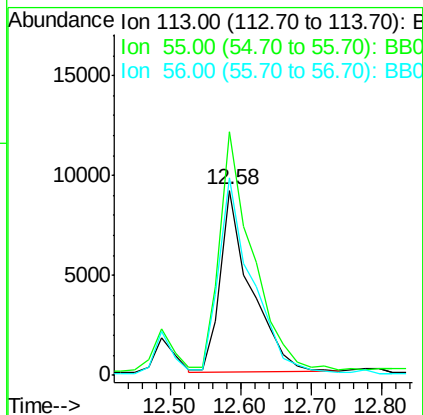
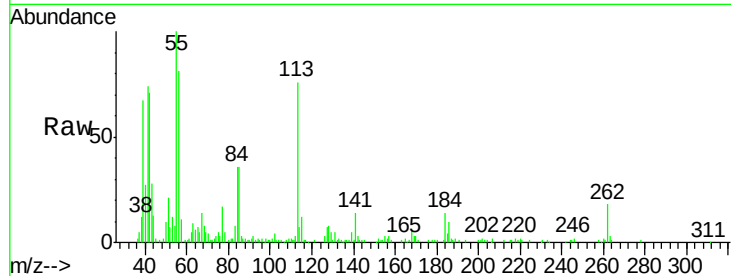
ClientSampleId :

MDL-01-W

Tgt Ion:	113	Resp:	27635
Ion Ratio	Lower	Upper	
113	100		
55	131.5	121.9	182.9
56	106.7	97.4	146.0

Manual Integrations
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#33

4-Chloro-3-methylphenol

Concen: 3.27 ng/ul

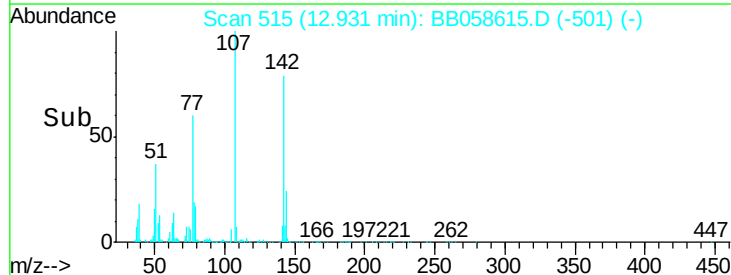
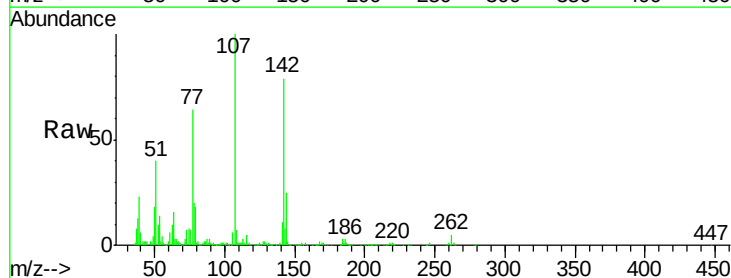
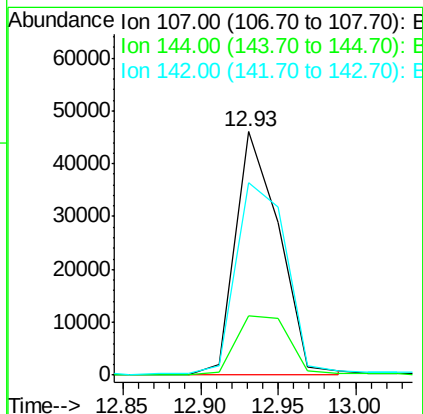
RT: 12.93 min Scan# 515

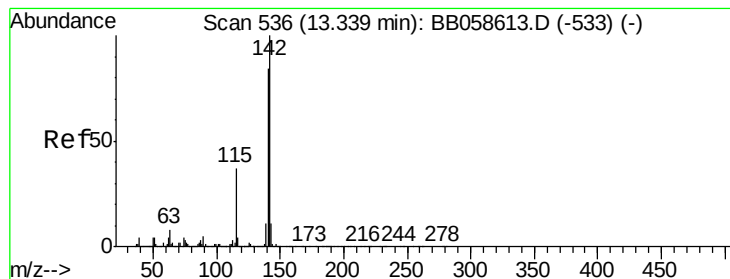
Delta R.T. -0.04 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Tgt Ion:	107	Resp:	91345
Ion Ratio	Lower	Upper	
107	100		
144	24.6	21.1	31.7
142	79.2	64.1	96.1





#34

2-Methylnaphthalene

Concen: 3.57 ng/ul

RT: 13.32 min Scan# 535

Delta R.T. -0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Instrument :

BNA_B

ClientSampleId :

MDL-01-W

Tgt Ion:142 Resp: 208122

Ion Ratio Lower Upper

142 100

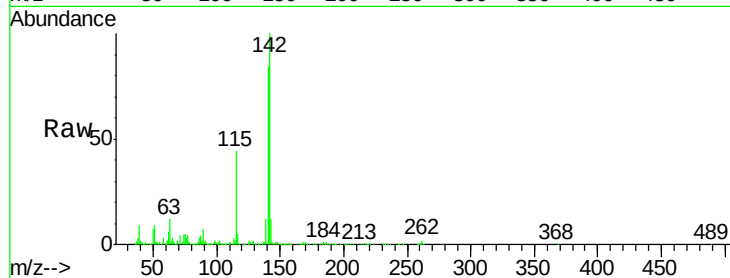
141 84.4 71.3 106.9

Manual Integrations

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

100000

80000

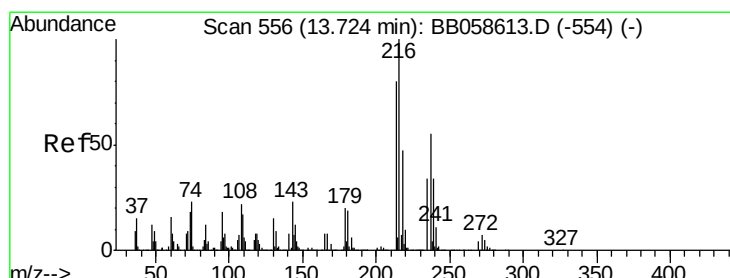
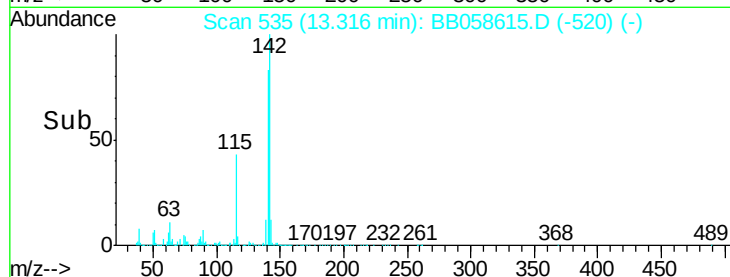
60000

40000

20000

0

Time--> 13.25 13.30 13.35 13.40



#36

1,2,4,5-Tetrachlorobenzene

Concen: 3.77 ng/ul

RT: 13.72 min Scan# 556

Delta R.T. -0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Tgt Ion:216 Resp: 119256

Ion Ratio Lower Upper

216 100

214 75.6 64.8 97.2

179 17.5 16.7 25.1

108 17.0 13.2 19.8

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

120000

100000

80000

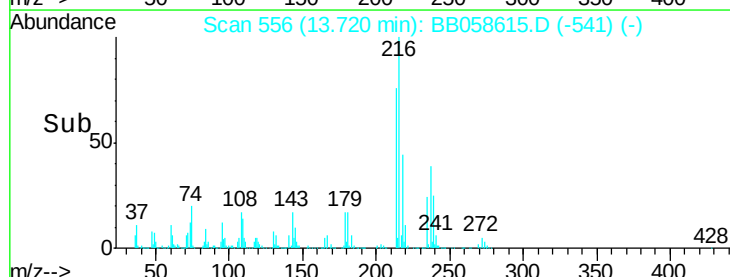
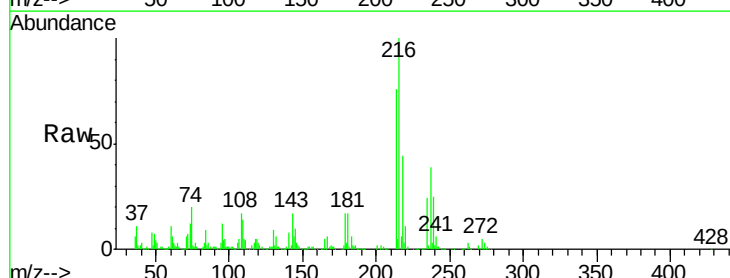
60000

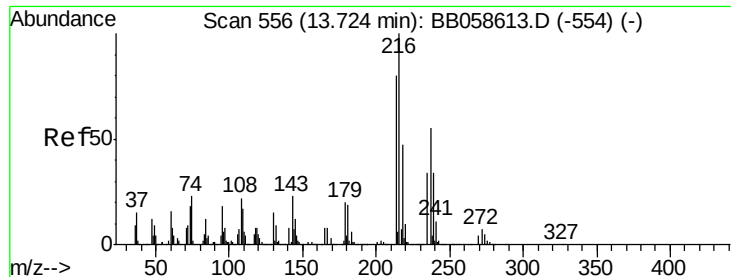
40000

20000

0

Time--> 13.70 13.80





#37

Hexachlorocyclopentadiene

Concen: 2.33 ng/ul

RT: 13.72 min Scan# 556

Delta R.T. -0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Instrument :

BNA_B

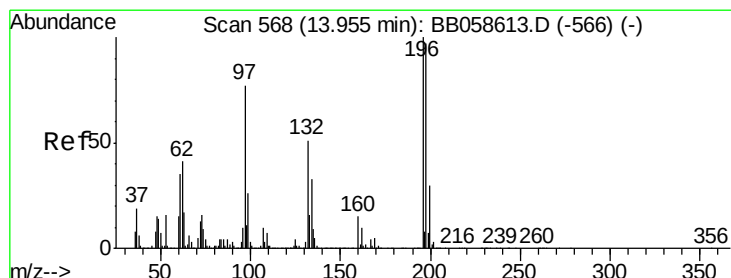
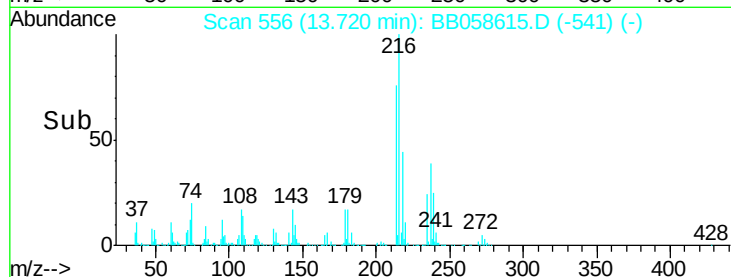
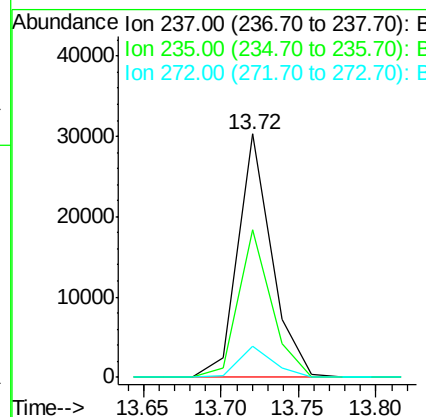
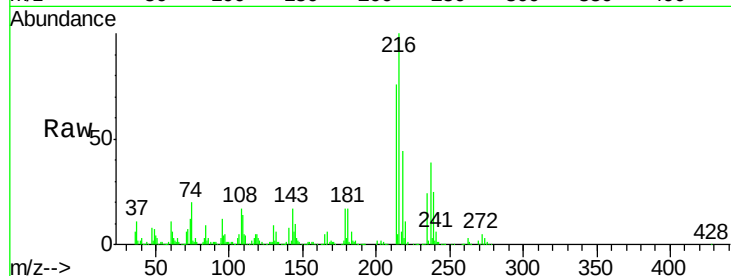
ClientSampled :

MDL-01-W

Tgt Ion:	237	Resp:	46482
Ion Ratio	Lower	Upper	
237	100		
235	60.5	49.6	74.4
272	12.6	10.4	15.6

Manual Integrations
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#38

2,4,6-Trichlorophenol

Concen: 3.56 ng/ul

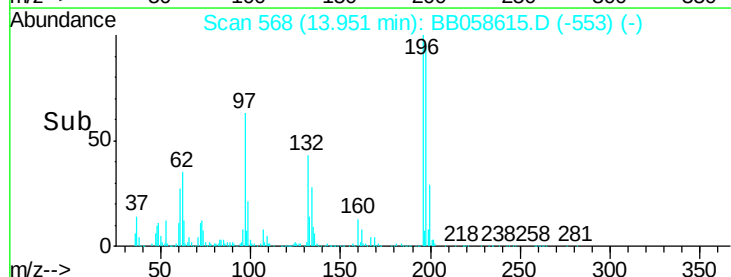
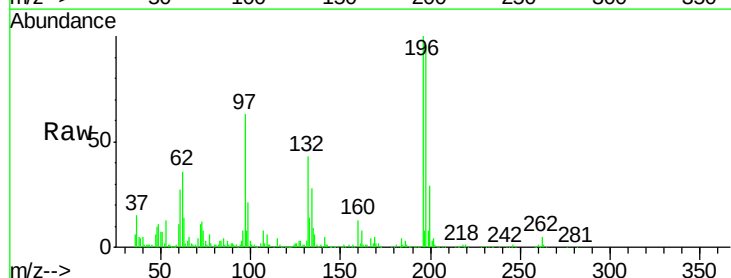
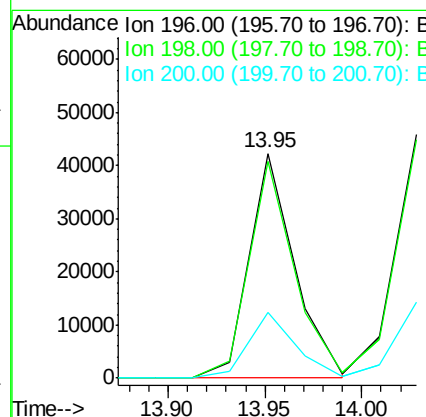
RT: 13.95 min Scan# 568

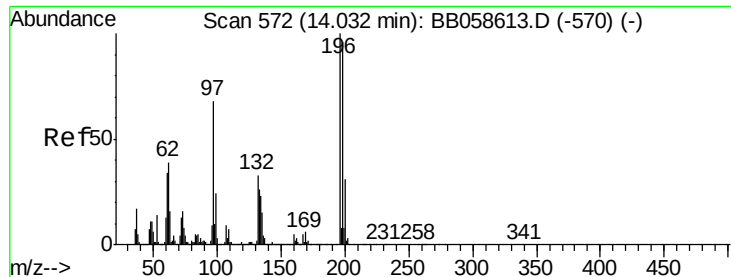
Delta R.T. -0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Tgt Ion:	196	Resp:	68397
Ion Ratio	Lower	Upper	
196	100		
198	96.4	76.9	115.3
200	29.4	25.1	37.7





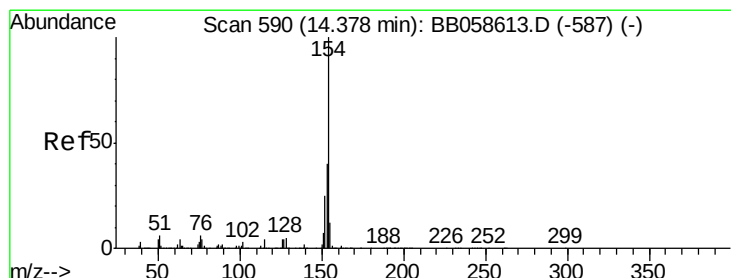
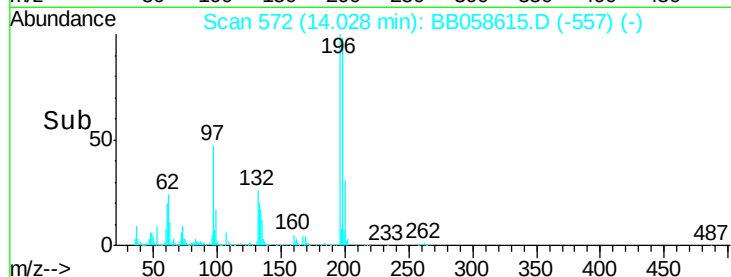
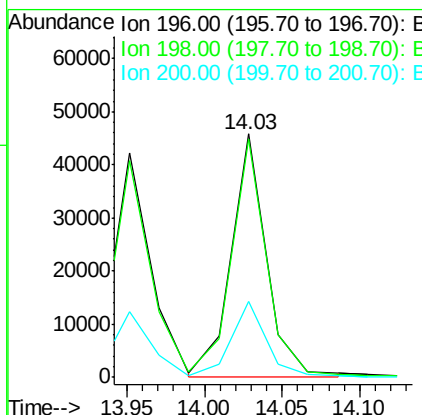
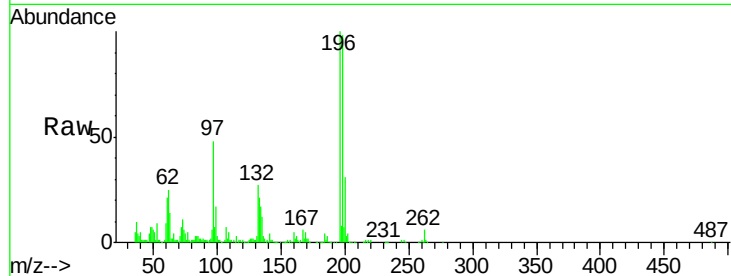
#39
 2,4,5-Trichlorophenol
 Concen: 3.55 ng/ul
 RT: 14.03 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BB058615.D
 Acq: 12 Oct 2016 11:31

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-W

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	72502		
198	98.0	76.8	115.2	
200	31.0	27.0	40.4	

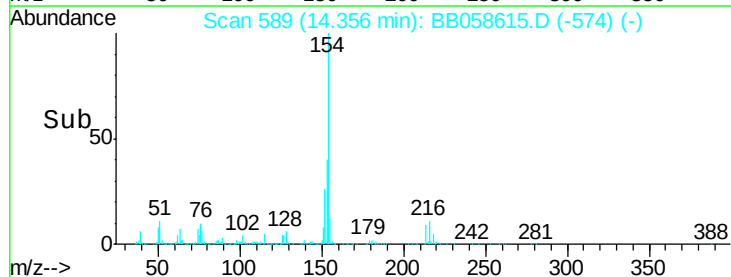
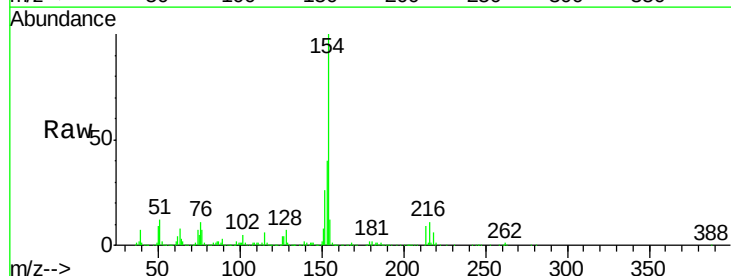
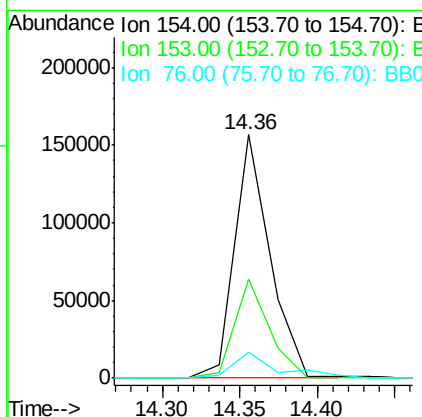
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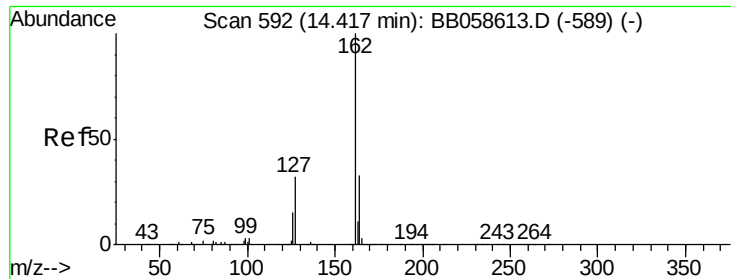
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#40
 1,1'-Biphenyl
 Concen: 3.64 ng/ul
 RT: 14.36 min Scan# 589
 Delta R.T. -0.02 min
 Lab File: BB058615.D
 Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	251778		
153	40.4	31.3	46.9	
76	10.5	10.0	15.0	





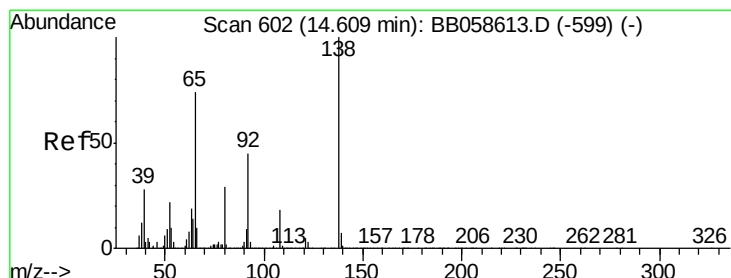
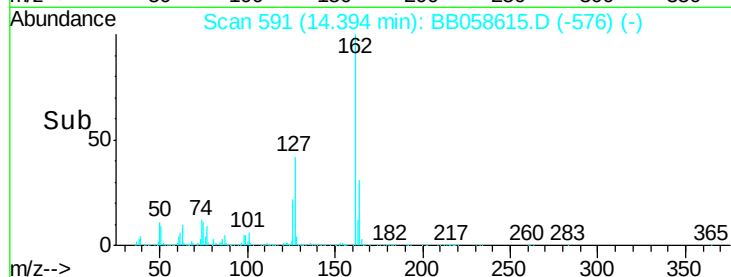
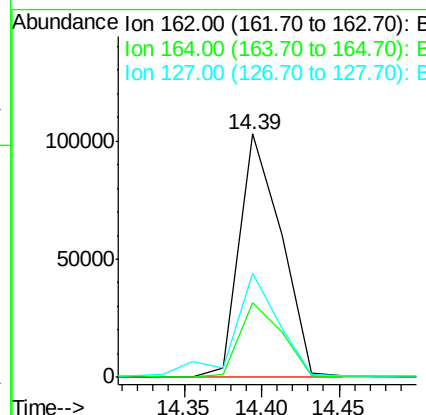
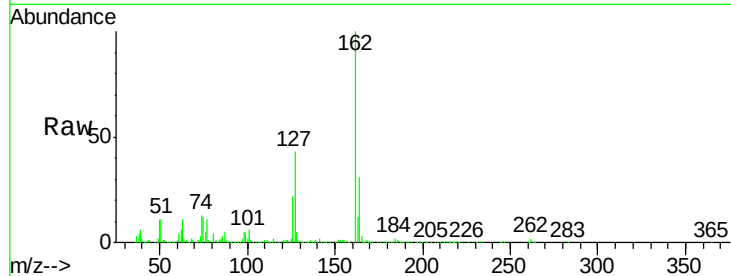
#41
 2-Chloronaphthalene
 Concen: 3.56 ng/ul
 RT: 14.39 min Scan# 591
 Delta R.T. -0.02 min
 Lab File: BB058615.D
 Acq: 12 Oct 2016 11:31

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	30.6	26.9	40.3
127	42.9	31.2	46.8

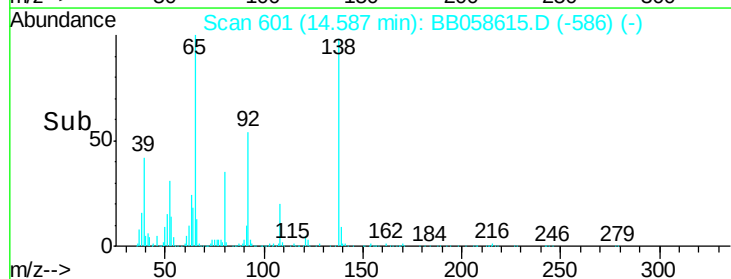
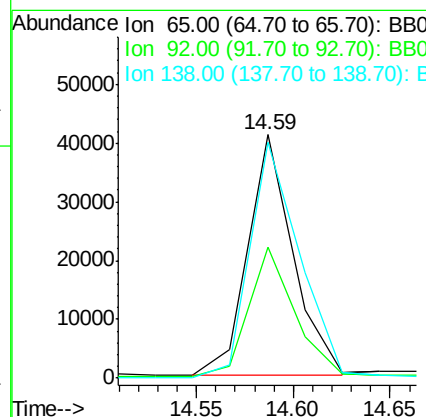
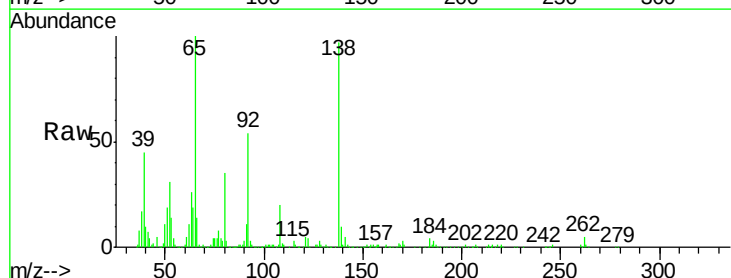
Manual Integrations
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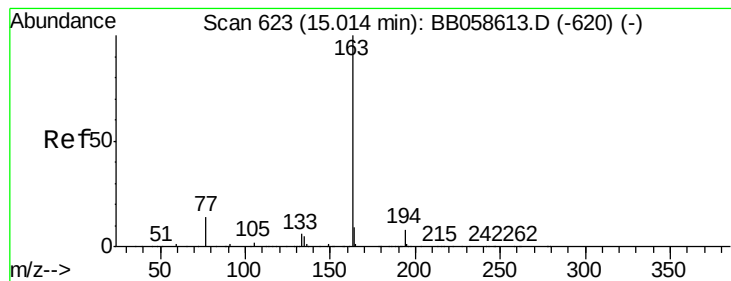
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#42
 2-Nitroaniline
 Concen: 3.10 ng/ul
 RT: 14.59 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BB058615.D
 Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	53.9	55.6	83.4#
138	97.0	81.3	121.9





#44

Dimethylphthalate

Concen: 3.71 ng/ul

RT: 14.99 min Scan# 622

Delta R.T. -0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Instrument :

BNA_B

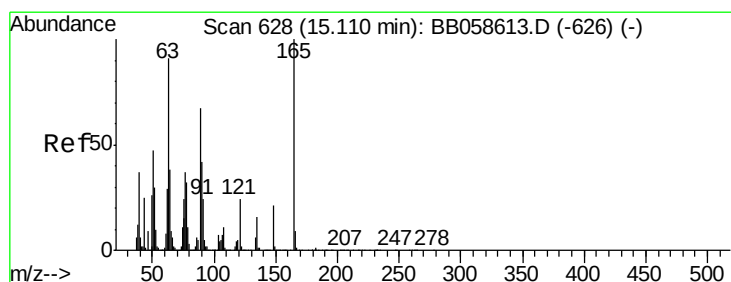
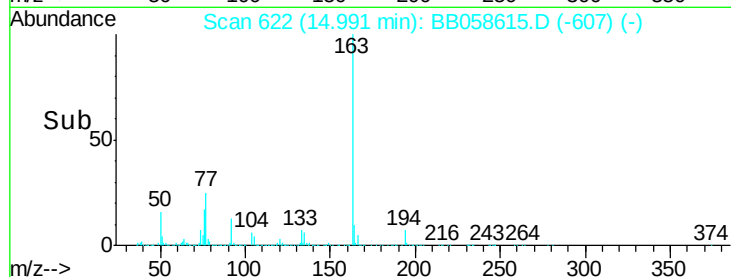
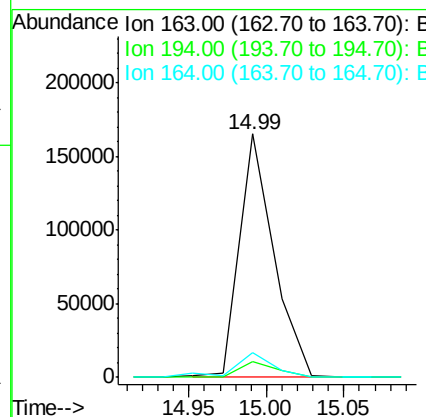
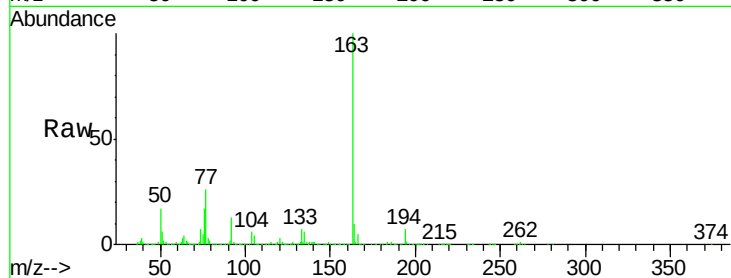
ClientSampleId :

MDL-01-W

Tgt	Ion:163	Resp:	254540
Ion	Ratio	Lower	Upper
163	100		
194	6.6	3.4	5.2#
164	10.3	7.8	11.8

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#45

2,6-Dinitrotoluene

Concen: 3.47 ng/ul

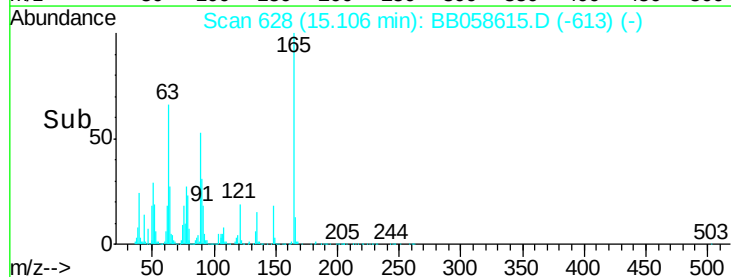
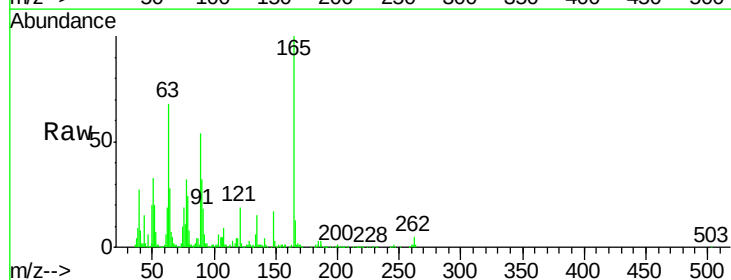
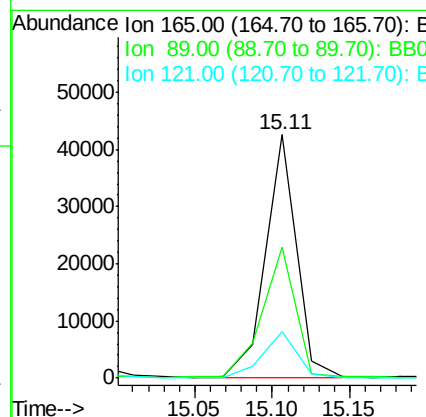
RT: 15.11 min Scan# 628

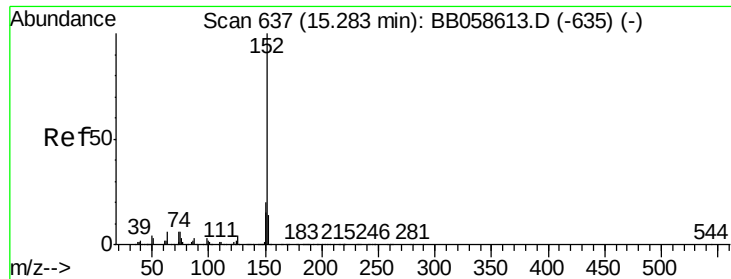
Delta R.T. -0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Tgt	Ion:165	Resp:	60147
Ion	Ratio	Lower	Upper
165	100		
89	53.7	46.6	69.8
121	18.9	16.0	24.0





#47

Acenaphthylene

Concen: 3.98 ng/ul

RT: 15.28 min Scan# 637

Delta R.T. -0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Instrument :

BNA_B

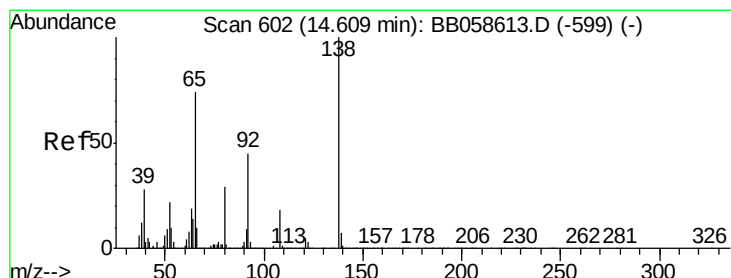
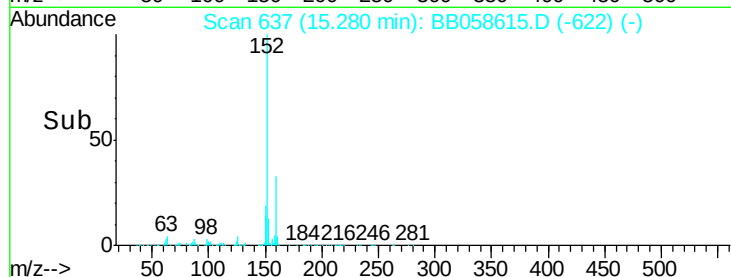
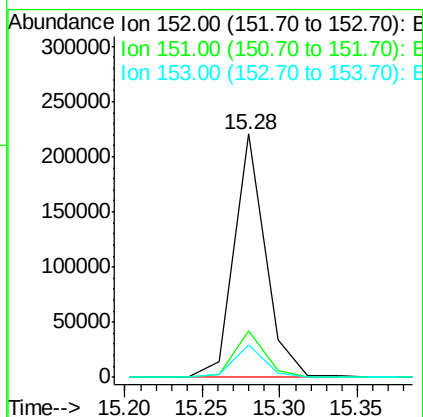
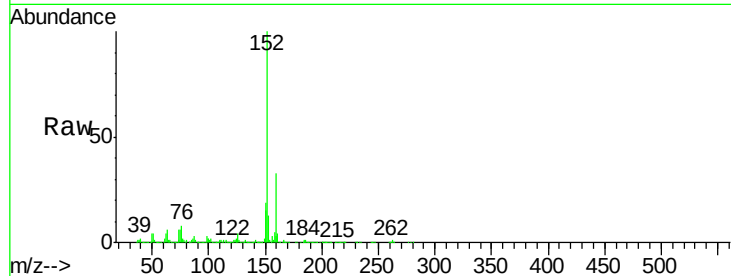
ClientSampled :

MDL-01-W

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		312305		
151	19.2	16.0	24.0		
153	13.5	11.0	16.6		

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#48

3-Nitroaniline

Concen: 3.11 ng/ul

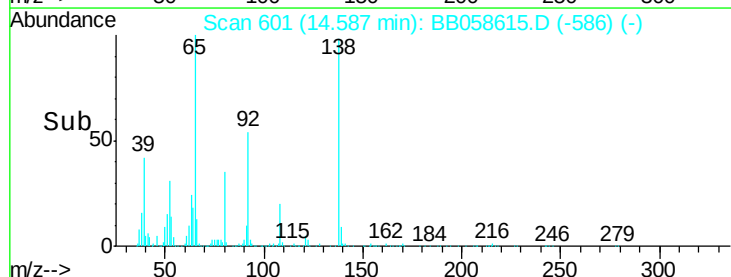
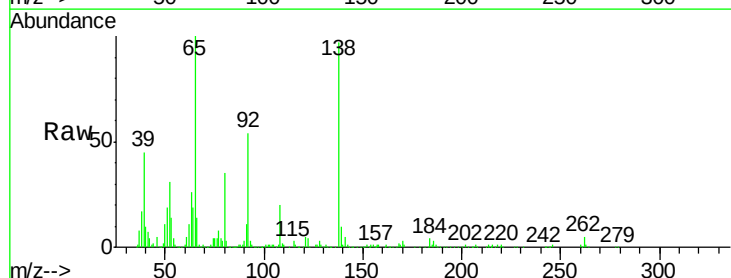
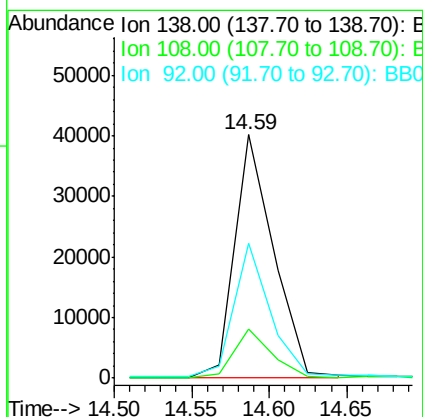
RT: 14.59 min Scan# 601

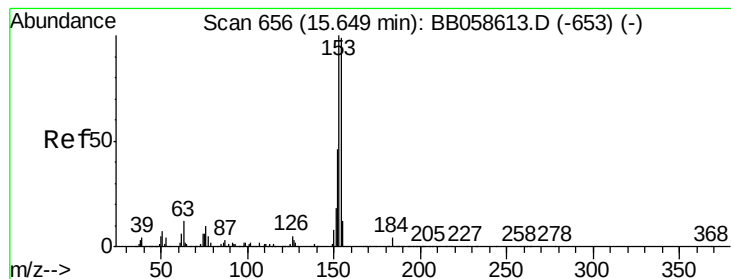
Delta R.T. -0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Tgt	Ion	Ratio	Resp	Lower	Upper
138	100		70520		
108	20.3	9.4	14.0#		
92	55.5	96.6	145.0#		





#49

Acenaphthene

Concen: 3.59 ng/ul

RT: 15.65 min Scan# 656

Delta R.T. -0.00 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Instrument :

BNA_B

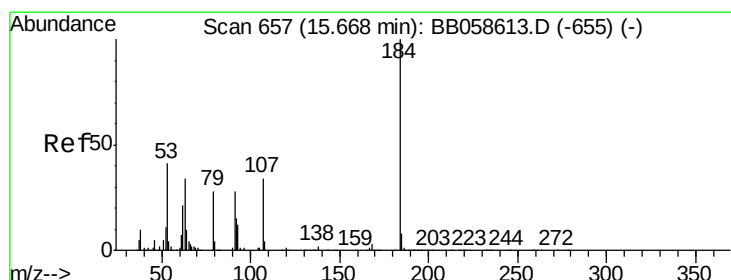
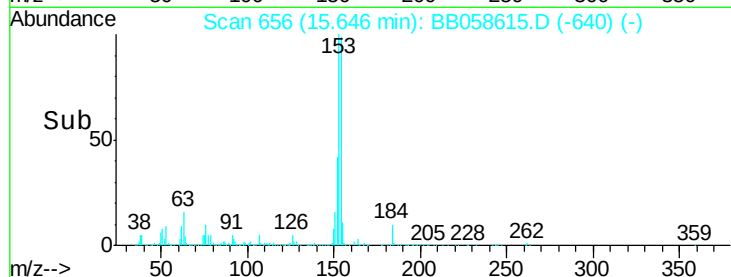
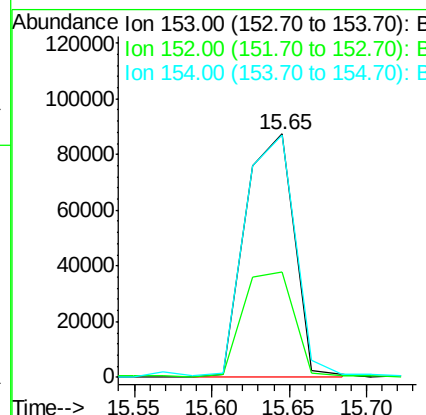
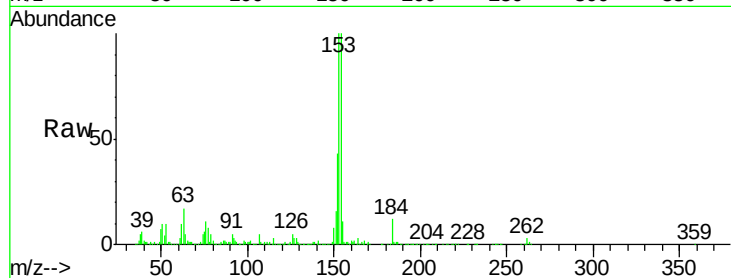
ClientSampleId :

MDL-01-W

Tgt Ion:	153	Resp:	192989
Ion Ratio		Lower	Upper
153	100		
152	43.4	37.8	56.6
154	99.6	71.4	107.0

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#50

2,4-Dinitrophenol

Concen: 1.81 ng/ul

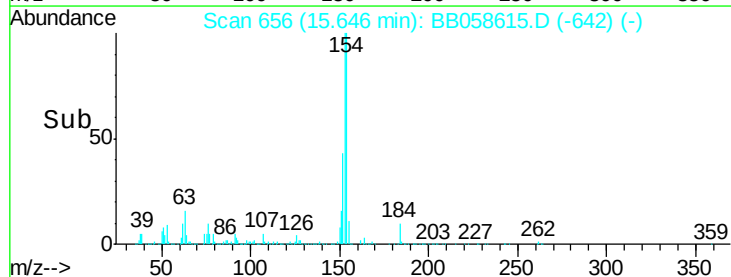
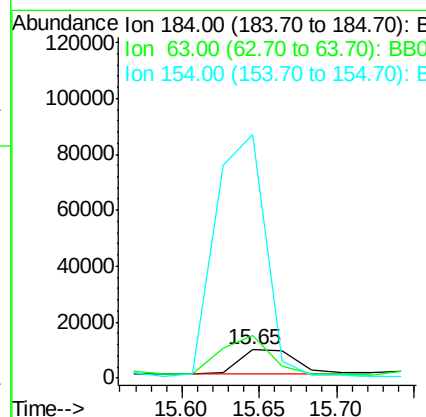
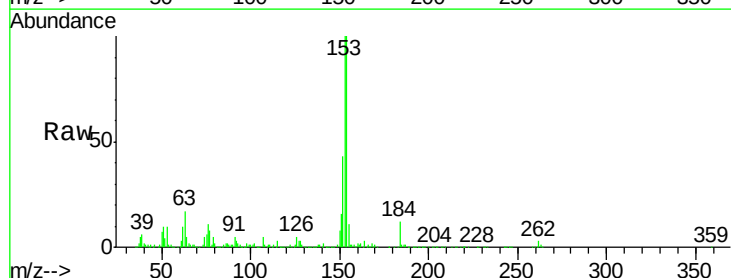
RT: 15.65 min Scan# 656

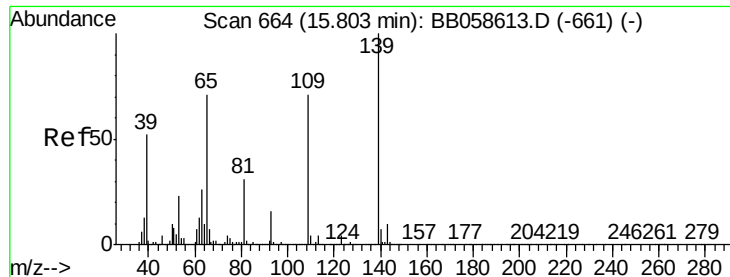
Delta R.T. -0.04 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Tgt Ion:	184	Resp:	22359
Ion Ratio		Lower	Upper
184	100		
63	147.7	43.4	65.0#
154	853.6	48.2	72.4#





#52

4-Nitrophenol

Concen: 3.30 ng/ul

RT: 15.78 min Scan# 663

Delta R.T. -0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Instrument :

BNA_B

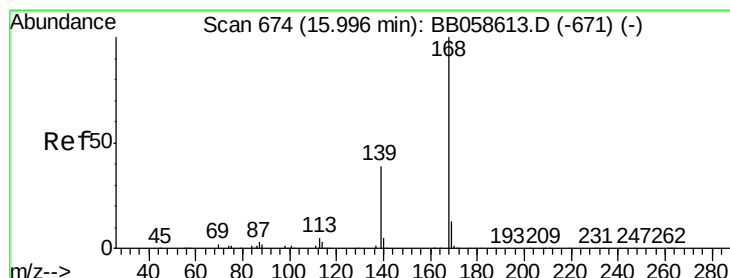
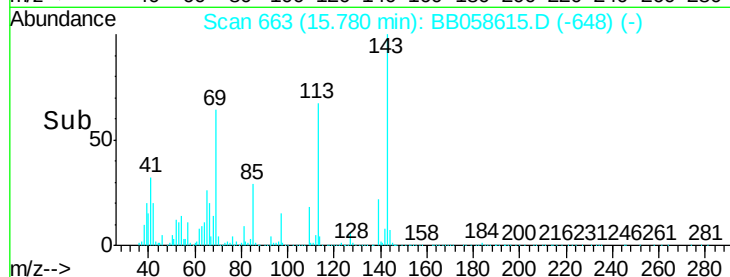
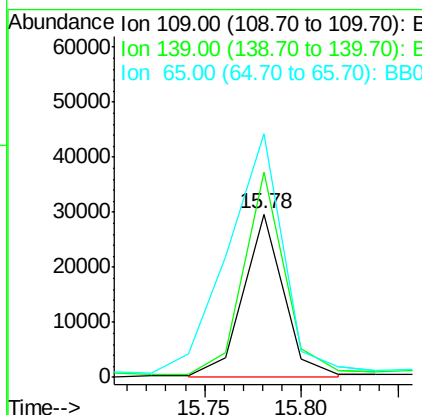
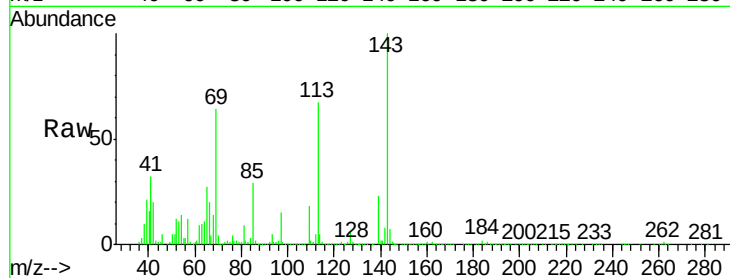
ClientSampled :

MDL-01-W

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	42211		
139	125.6	88.7	133.1	
65	148.8	96.4	144.6	

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#53

Dibenzofuran

Concen: 3.73 ng/ul

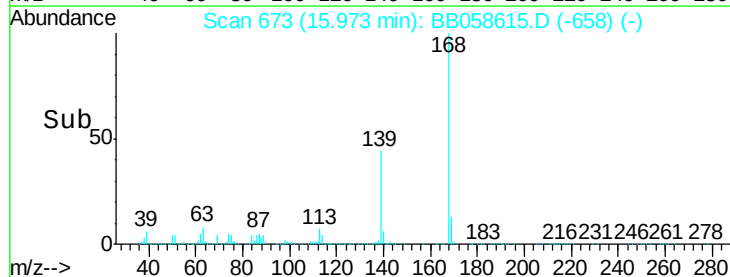
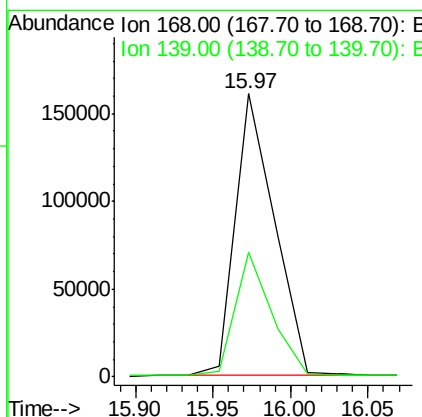
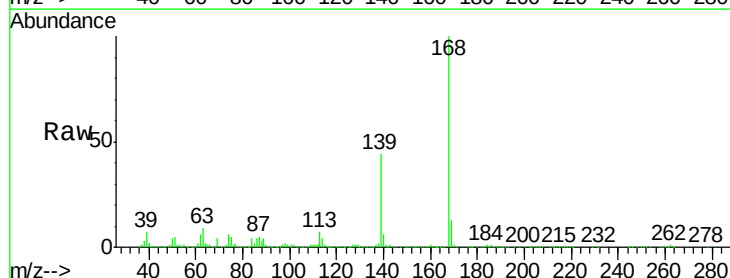
RT: 15.97 min Scan# 673

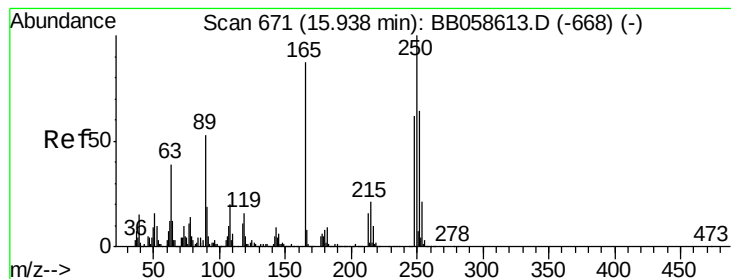
Delta R.T. -0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	286080		
139	44.2	30.1	45.1	





#54

2,4-Dinitrotoluene

Concen: 3.33 ng/ul

RT: 15.92 min Scan# 670

Delta R.T. -0.04 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Instrument :

BNA_B

ClientSampleId :

MDL-01-W

Tgt Ion:165 Resp: 80506
Ion Ratio Lower Upper

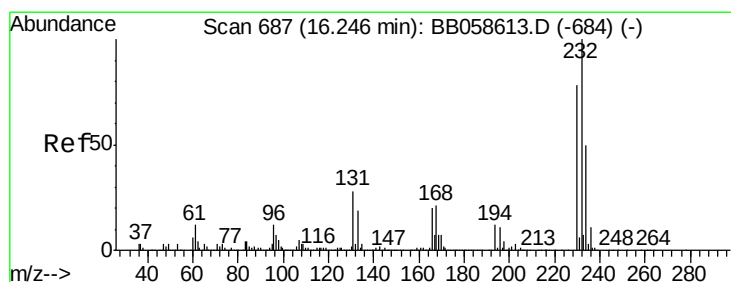
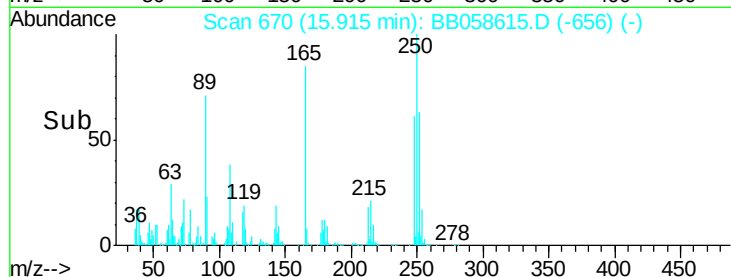
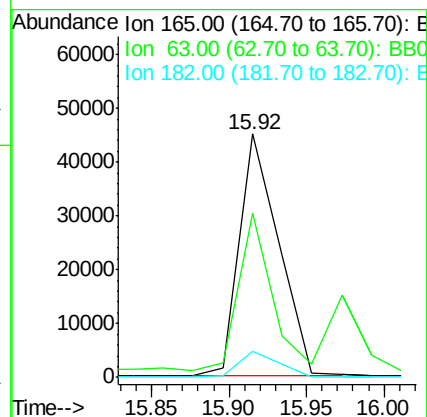
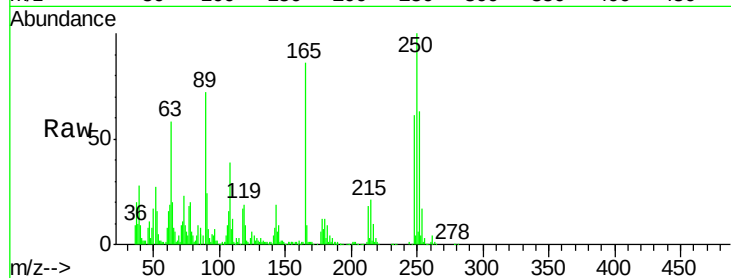
165 100

63 67.4 36.2 54.2#

182 10.5 2.2 3.4#

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#55

2,3,4,6-Tetrachlorophenol

Concen: 3.49 ng/ul

RT: 16.22 min Scan# 686

Delta R.T. -0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

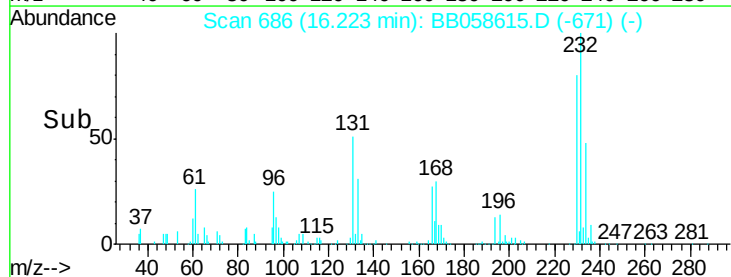
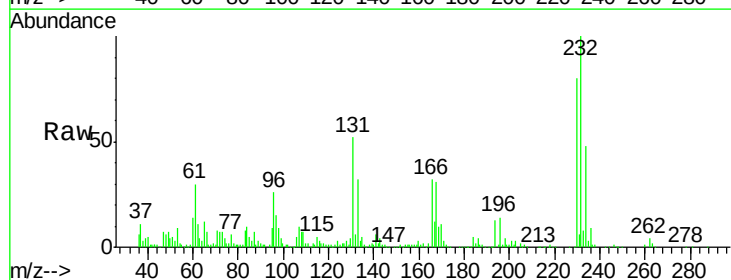
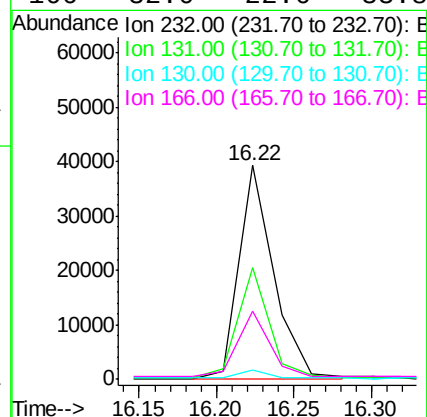
Tgt Ion:232 Resp: 62253
Ion Ratio Lower Upper

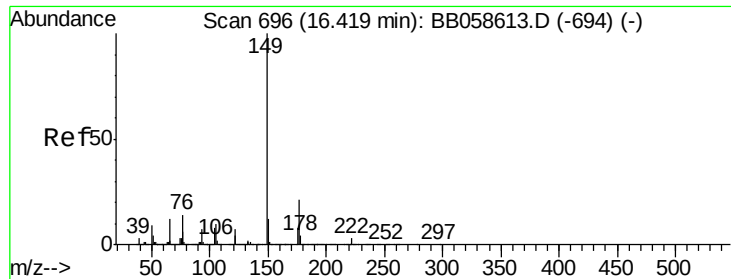
232 100

131 52.0 31.4 47.0#

130 4.3 1.6 2.4#

166 32.0 22.6 33.8





#56

Diethylphthalate

Concen: 3.87 ng/ul

RT: 16.42 min Scan# 696

Delta R.T. -0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Instrument :

BNA_B

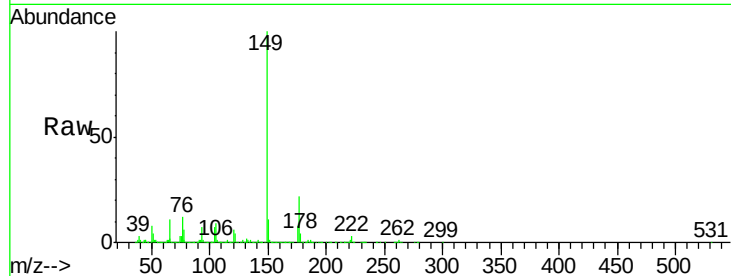
ClientSampled :

MDL-01-W

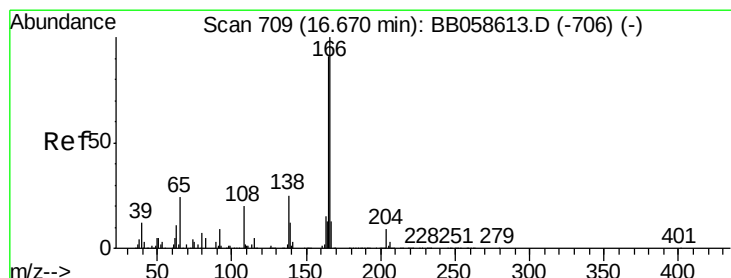
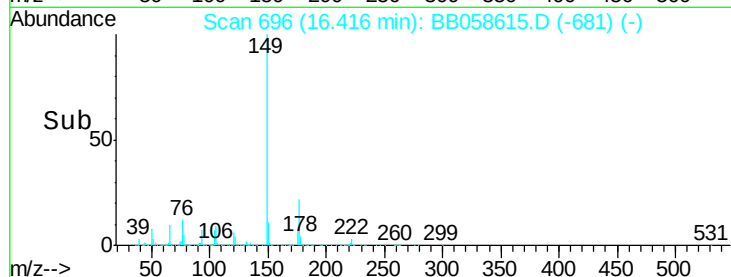
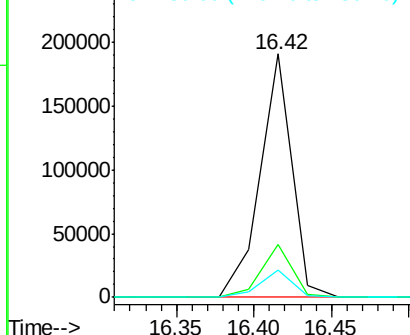
Tgt Ion:	149	Resp:	275502
Ion Ratio	Lower	Upper	
149	100		
177	21.7	18.6	28.0
150	11.4	10.0	15.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 3.47 ng/ul

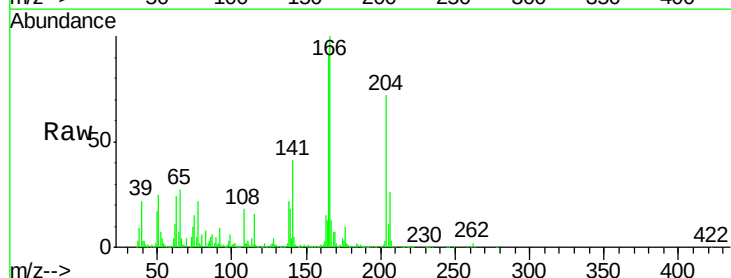
RT: 16.65 min Scan# 708

Delta R.T. -0.02 min

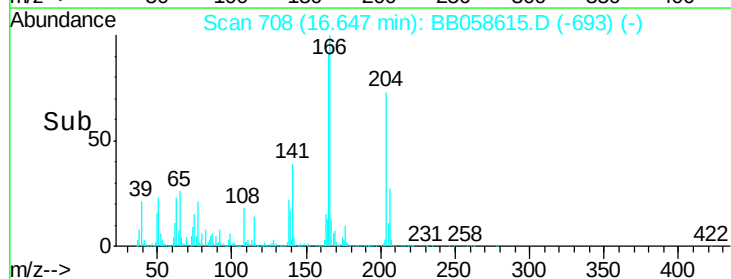
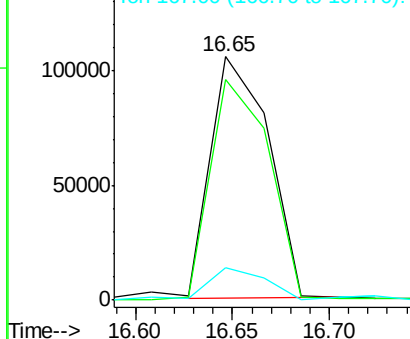
Lab File: BB058615.D

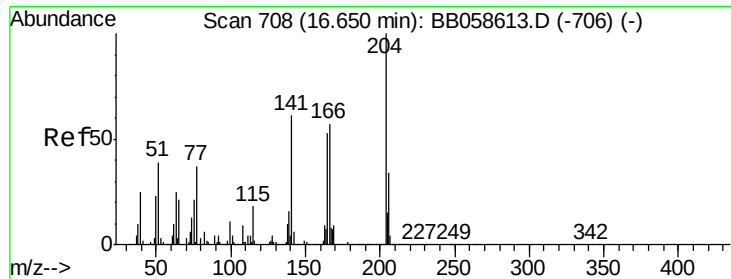
Acq: 12 Oct 2016 11:31

Tgt Ion:	166	Resp:	216263
Ion Ratio	Lower	Upper	
166	100		
165	90.8	79.9	119.9
167	13.3	10.5	15.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

4-Chlorophenyl-phenylether

Concen: 3.51 ng/ul

RT: 16.65 min Scan# 708

Delta R.T. -0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Instrument :

BNA_B

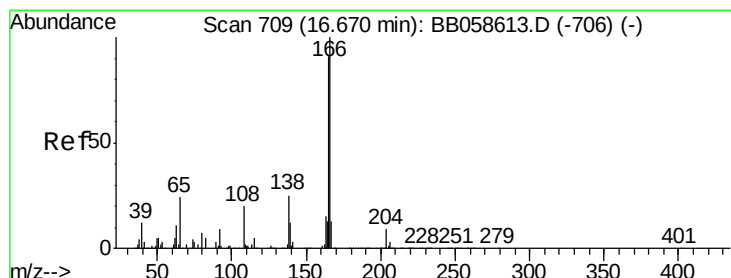
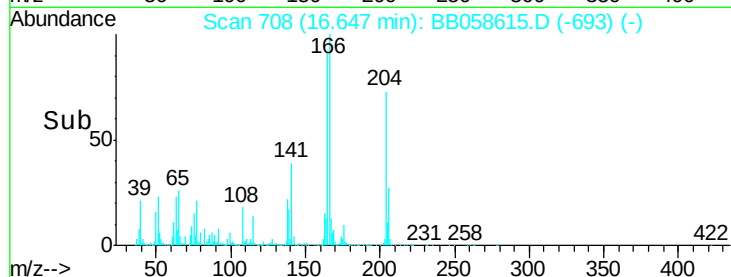
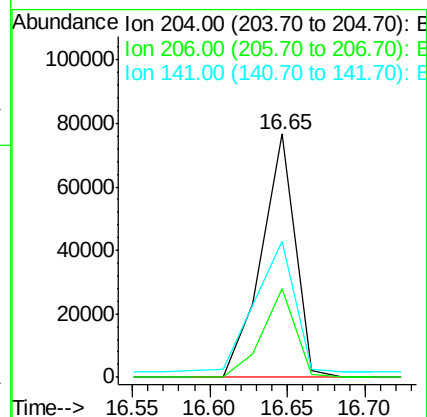
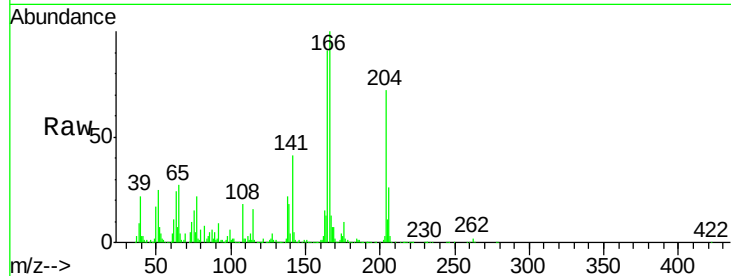
ClientSampleId :

MDL-01-W

Tgt Ion:	204	Resp:	117784
Ion Ratio		Lower	Upper
204	100		
206	36.5	25.9	38.9
141	56.1	46.1	69.1

Manual Integrations
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#60

4-Nitroaniline

Concen: 2.30 ng/ul

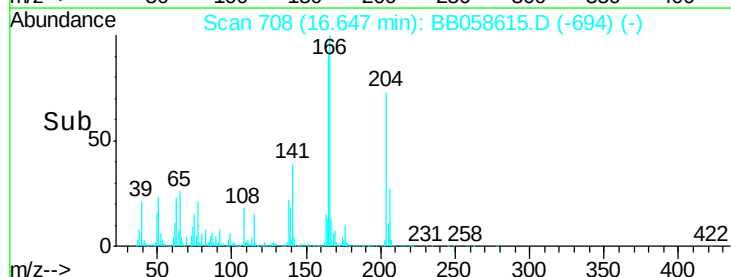
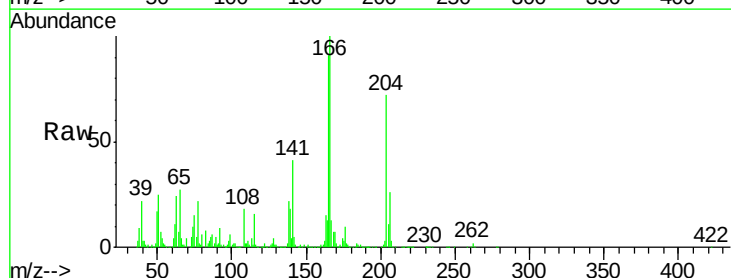
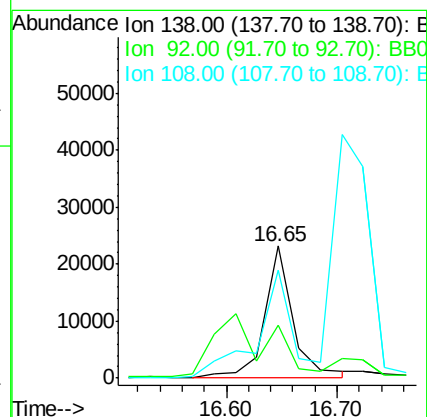
RT: 16.65 min Scan# 708

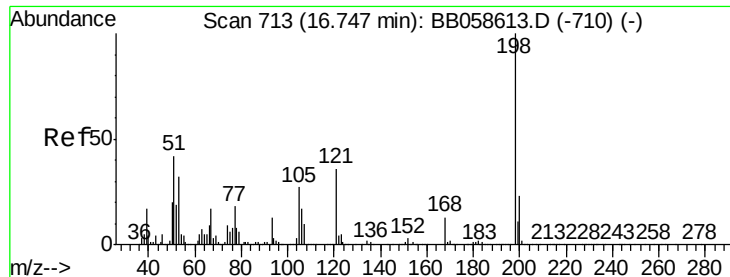
Delta R.T. -0.04 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Tgt Ion:	138	Resp:	41201
Ion Ratio		Lower	Upper
138	100		
92	39.8	43.5	65.3#
108	82.2	80.3	120.5





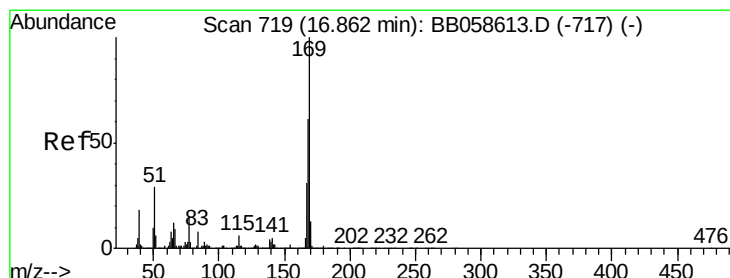
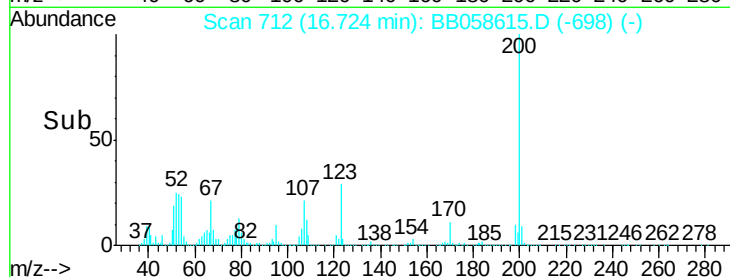
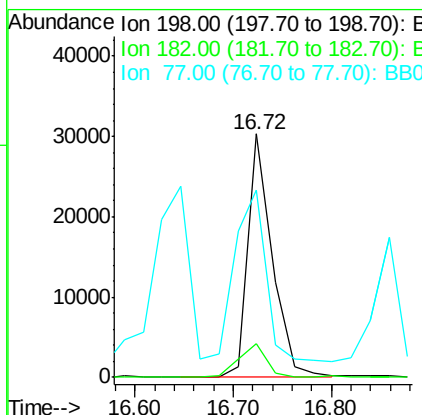
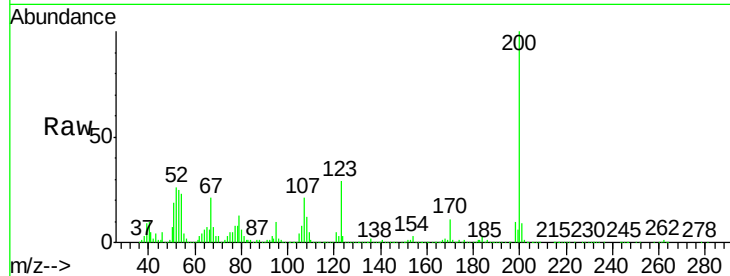
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.82 ng/ul m
 RT: 16.72 min Scan# 712
 Delta R.T. -0.04 min
 Lab File: BB058615.D
 Acq: 12 Oct 2016 11:31

Instrument :
 BNA_B
 ClientSampled :
 MDL-01-W

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	52791		
182	13.7	3.3	4.9#	
77	76.9	21.8	32.6#	

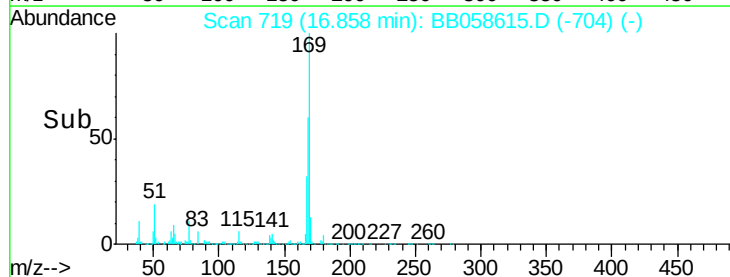
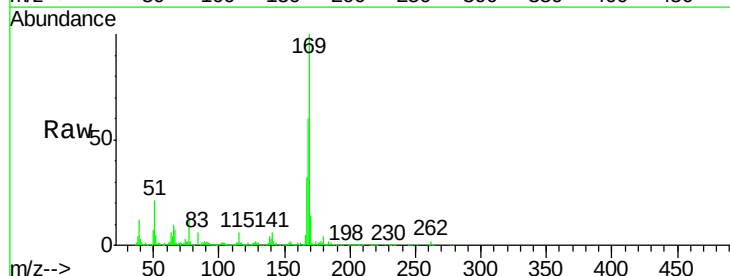
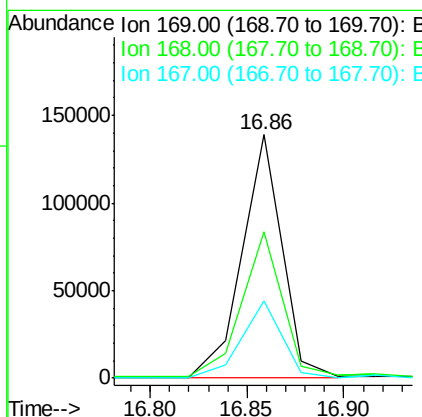
Manual Integrations
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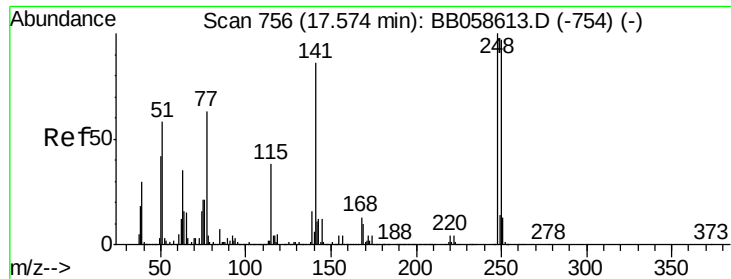
SOHIL
 10/13/2016 11:12:26 AM



#64
 N-Nitrosodiphenylamine
 Concen: 3.44 ng/ul
 RT: 16.86 min Scan# 719
 Delta R.T. -0.02 min
 Lab File: BB058615.D
 Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	196353		
168	60.2	52.6	79.0	
167	31.6	28.6	43.0	





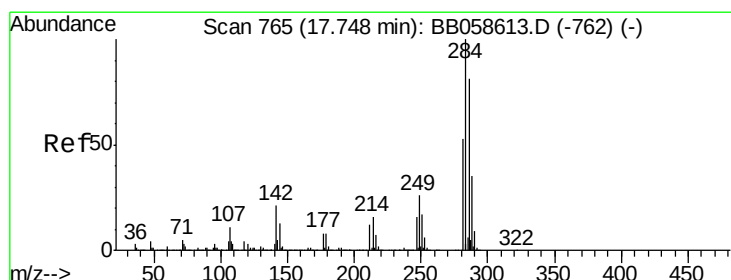
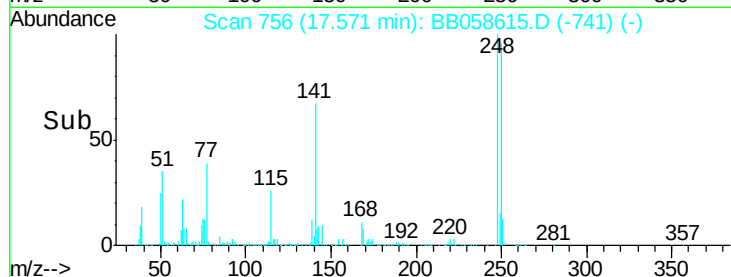
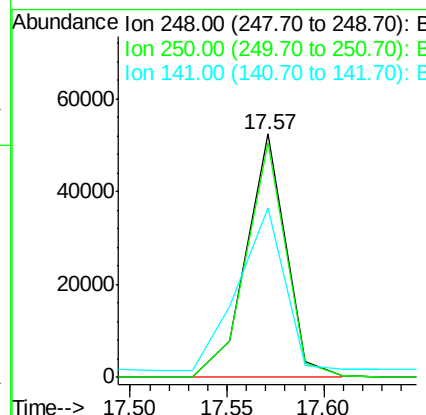
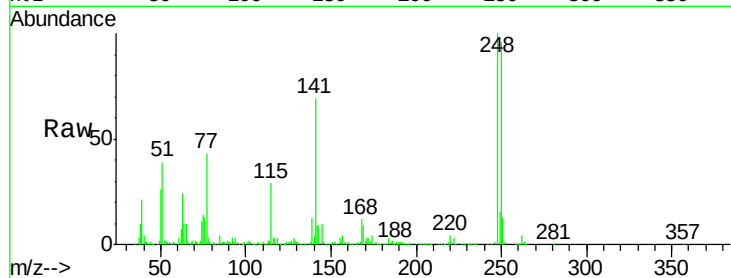
#65
 4-Bromophenyl-phenylether
 Concen: 3.27 ng/ul
 RT: 17.57 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BB058615.D
 Acq: 12 Oct 2016 11:31

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-W

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	79.7	119.5
141	69.4	58.3	87.5

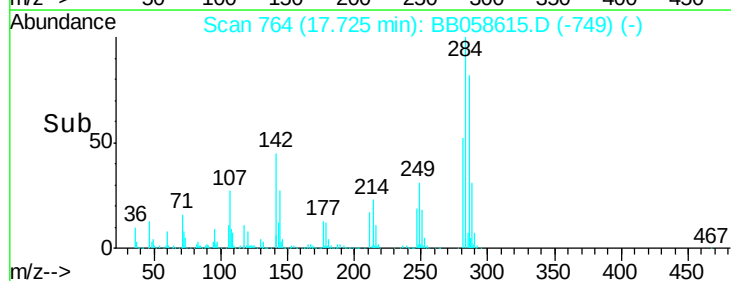
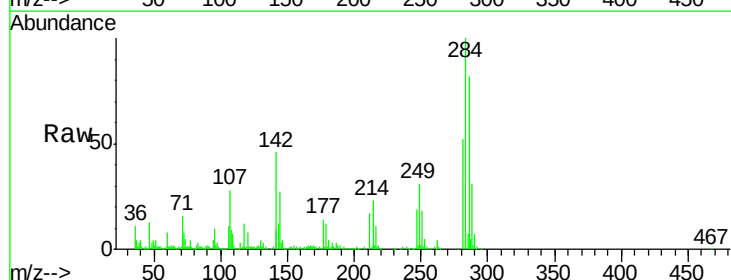
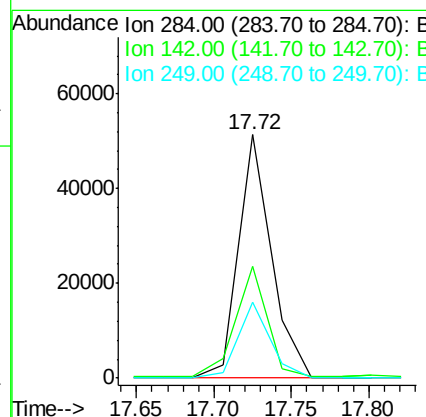
Manual Integrations
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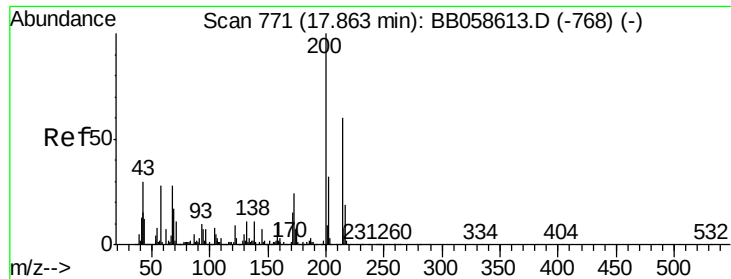
SOHIL
 10/13/2016 11:12:26 AM



#66
 Hexachlorobenzene
 Concen: 3.39 ng/ul
 RT: 17.72 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BB058615.D
 Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.9	24.9	37.3#
249	29.3	25.5	38.3





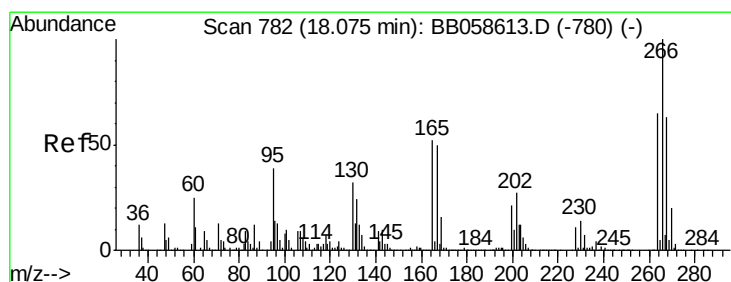
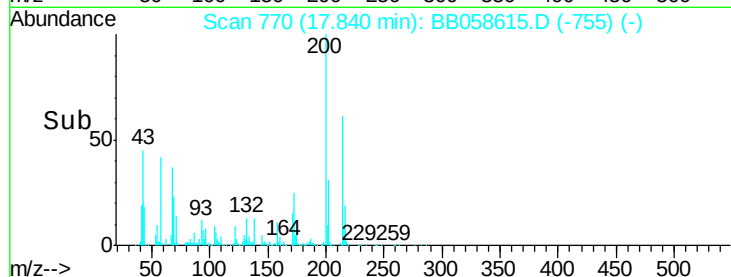
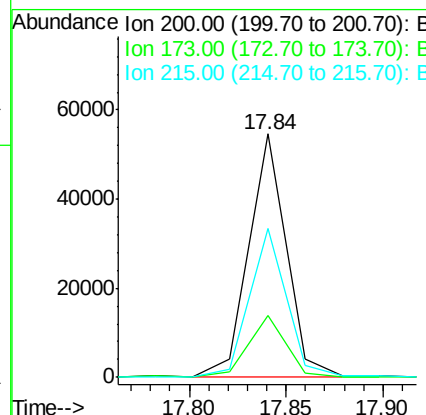
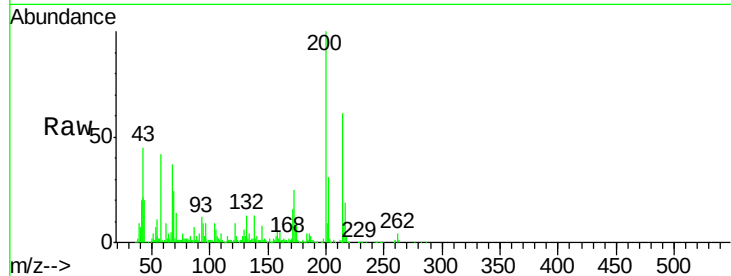
#67
Atrazine
Concen: 3.32 ng/ul
RT: 17.84 min Scan# 770
Delta R.T. -0.02 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Instrument :
BNA_B
ClientSampled :
MDL-01-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.5	18.9	28.3
215	61.1	39.5	59.3#

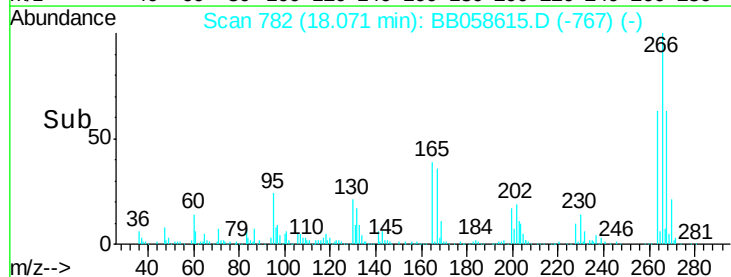
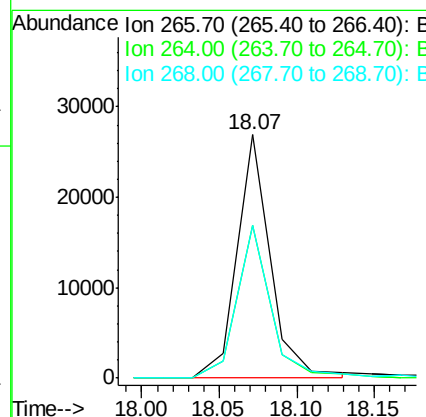
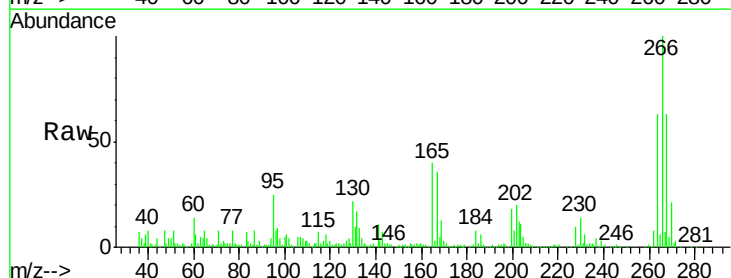
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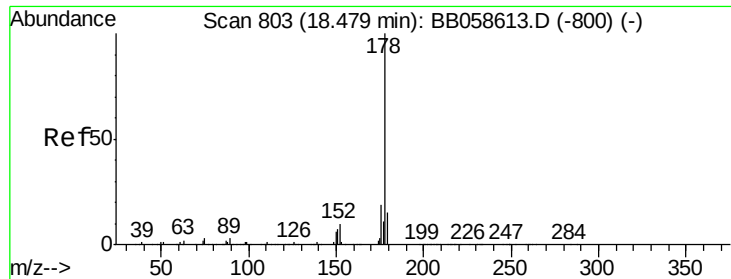
SOHIL
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#68
Pentachlorophenol
Concen: 2.54 ng/ul
RT: 18.07 min Scan# 782
Delta R.T. -0.02 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	62.6	50.6	75.8
268	62.7	51.0	76.6





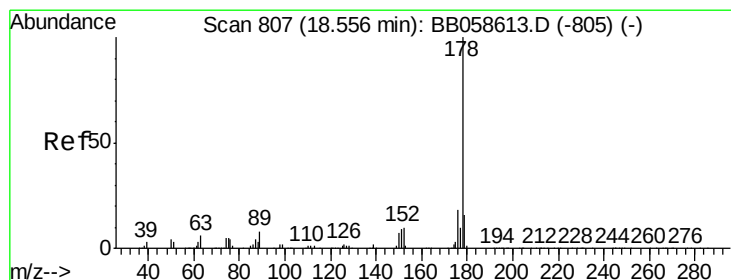
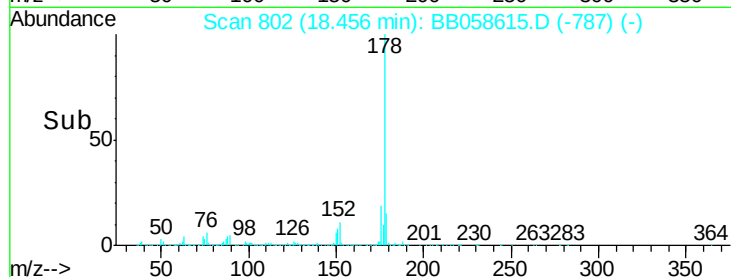
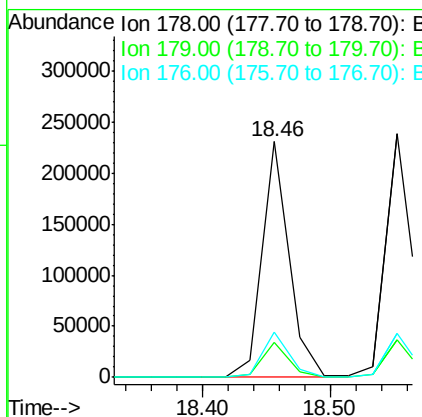
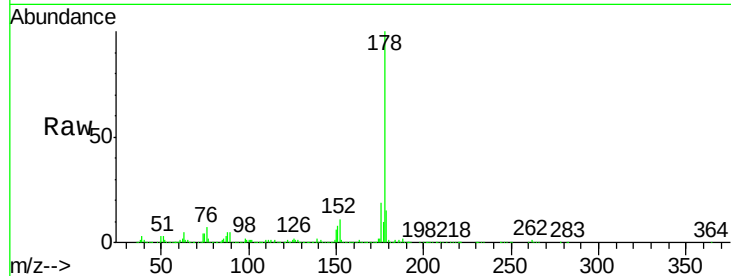
#69
Phenanthrene
Concen: 3.80 ng/ul m
RT: 18.46 min Scan# 802
Delta R.T. -0.02 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Instrument :
BNA_B
ClientSampleId :
MDL-01-W

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.2
176	19.1	15.1	22.7

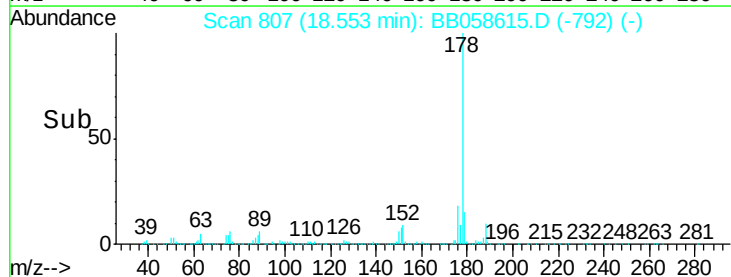
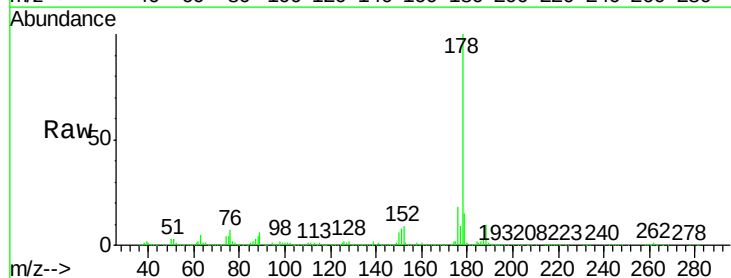
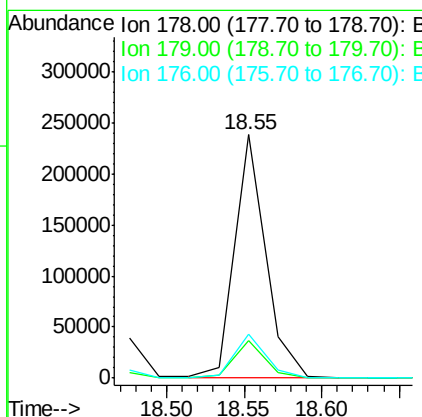
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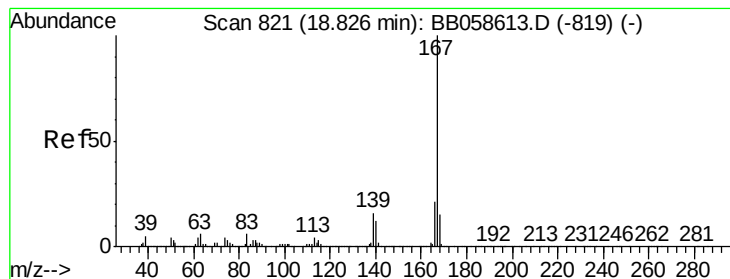
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#71
Anthracene
Concen: 3.70 ng/ul
RT: 18.55 min Scan# 807
Delta R.T. -0.02 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.1	18.1
176	17.9	14.5	21.7





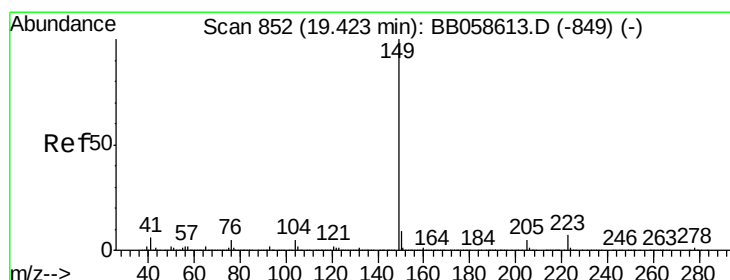
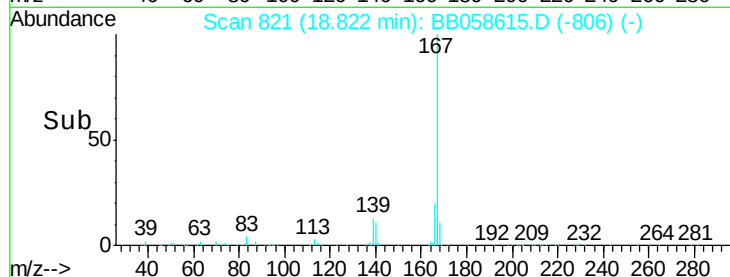
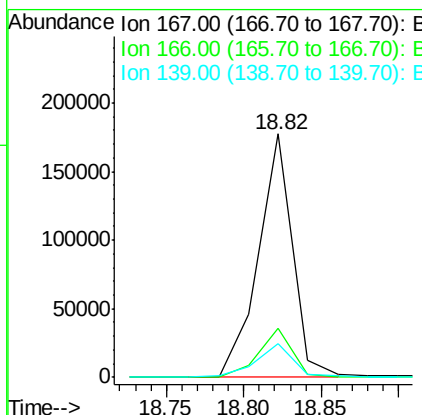
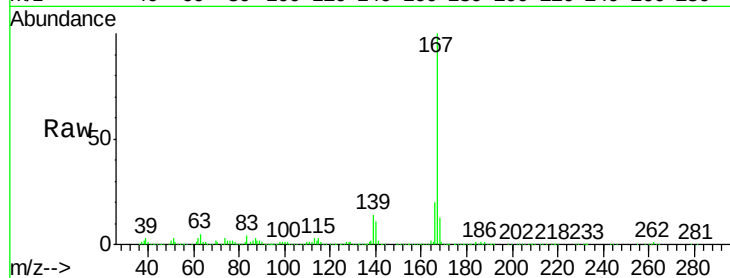
#72
 Carbazole
 Concen: 3.65 ng/ul
 RT: 18.82 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BB058615.D
 Acq: 12 Oct 2016 11:31

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-W

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	274211		
166	20.3		16.6	25.0
139	14.1		10.2	15.4

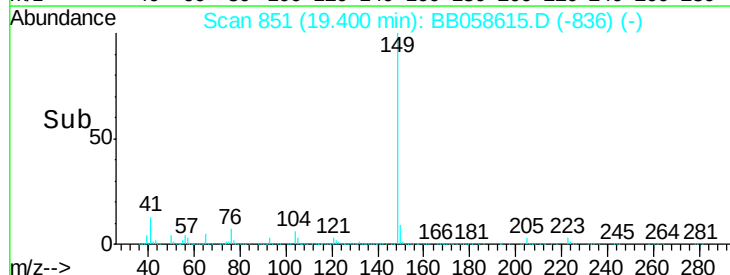
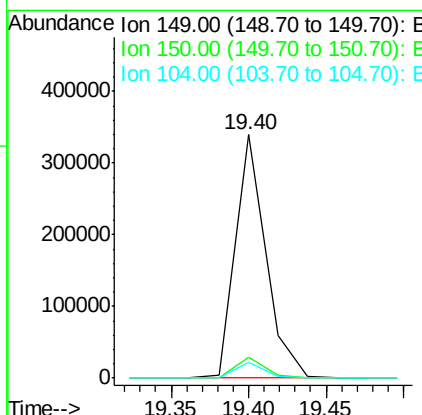
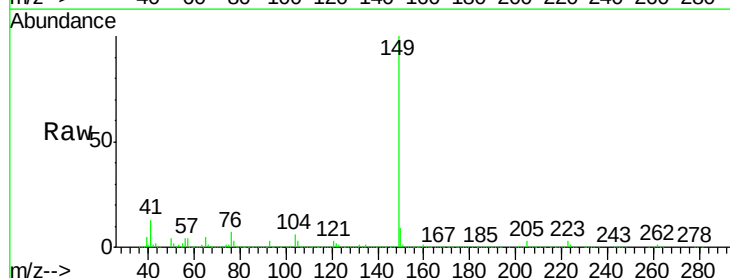
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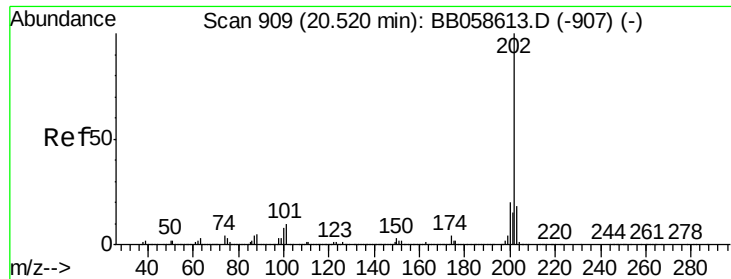
SOHIL
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#73
 Di-n-butylphthalate
 Concen: 3.83 ng/ul
 RT: 19.40 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BB058615.D
 Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	469386		
150	8.8		7.6	11.4
104	6.3		4.6	7.0





#74

Fluoranthene

Concen: 4.16 ng/ul

RT: 20.52 min Scan# 909

Delta R.T. -0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Instrument :

BNA_B

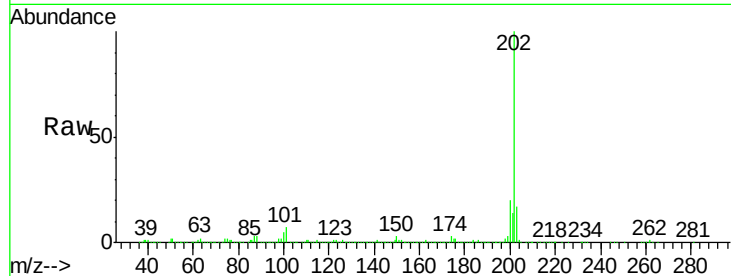
ClientSampleId :

MDL-01-W

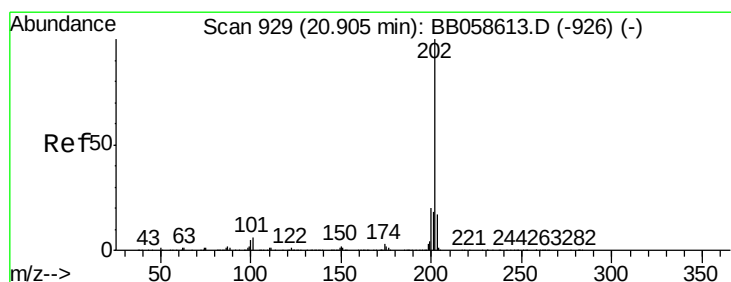
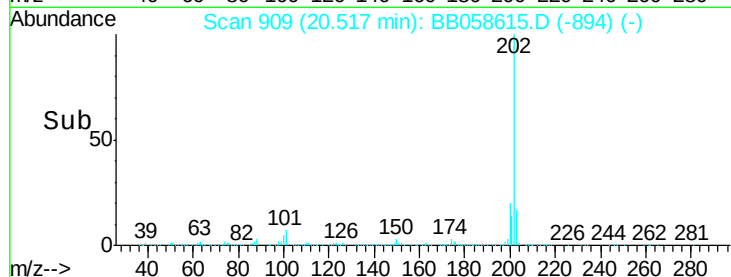
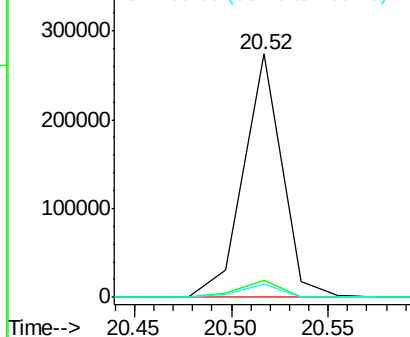
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		373056		
101	6.8	6.9	10.3#		
100	5.2	5.4	8.0#		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE



#77

Pyrene

Concen: 3.64 ng/ul

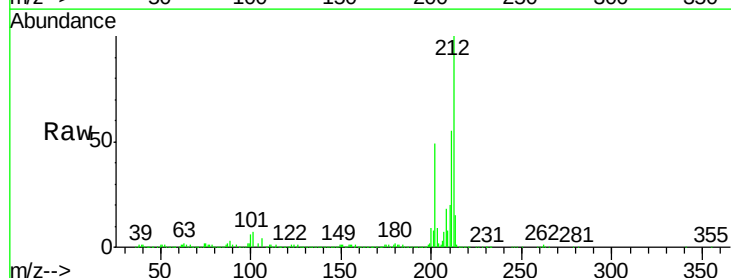
RT: 20.88 min Scan# 928

Delta R.T. -0.02 min

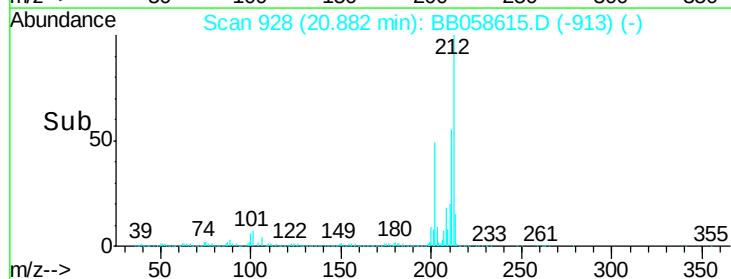
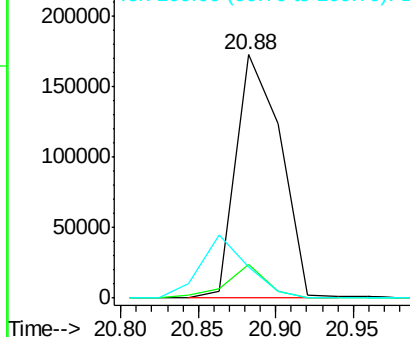
Lab File: BB058615.D

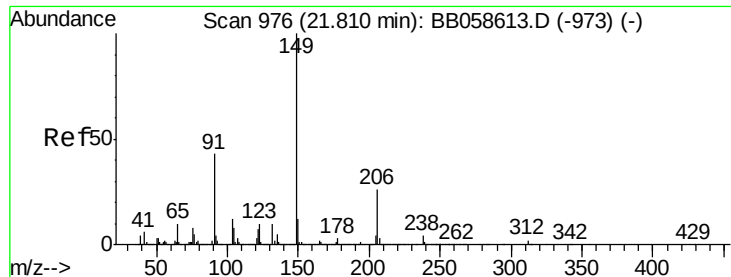
Acq: 12 Oct 2016 11:31

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		348496		
101	14.1	8.4	12.6#		
100	13.0	6.9	10.3#		



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE





#78

Butylbenzylphthalate

Concen: 3.26 ng/ul

RT: 21.79 min Scan# 975

Delta R.T. -0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Instrument :

BNA_B

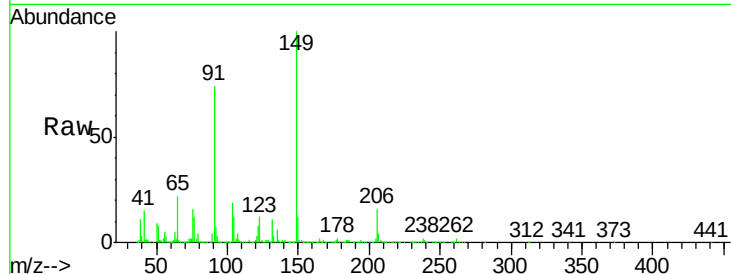
ClientSampleId :

MDL-01-W

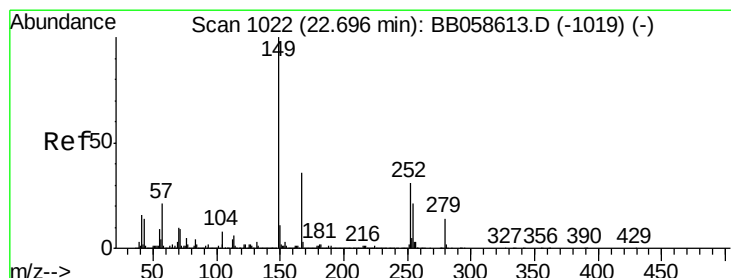
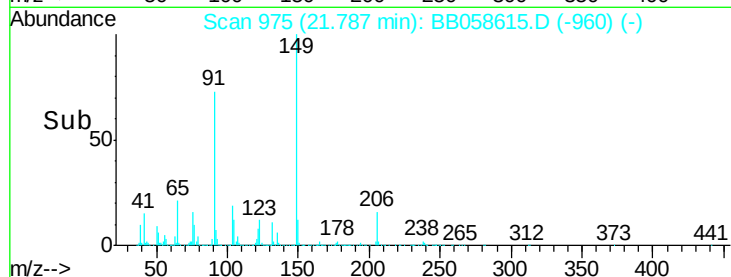
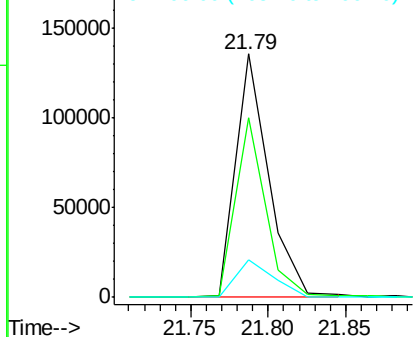
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	73.5	57.3	85.9
206	15.6	18.6	27.8#

Manual Integrations
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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: 2.12 ng/ul

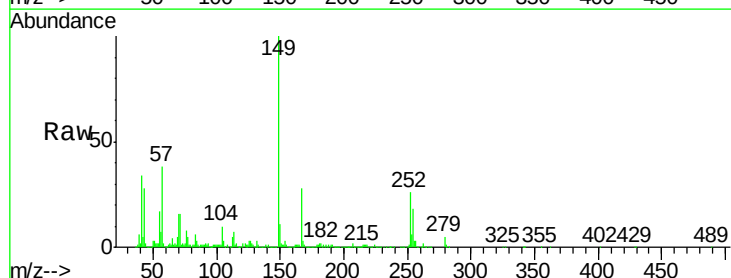
RT: 22.67 min Scan# 1021

Delta R.T. -0.02 min

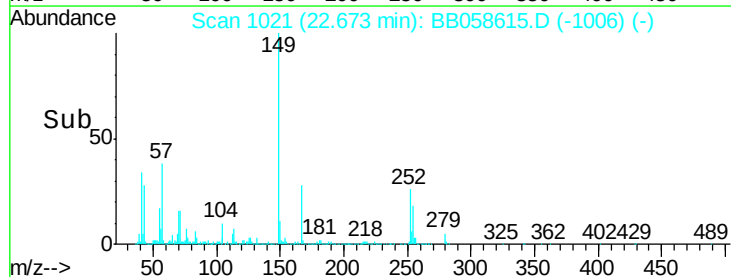
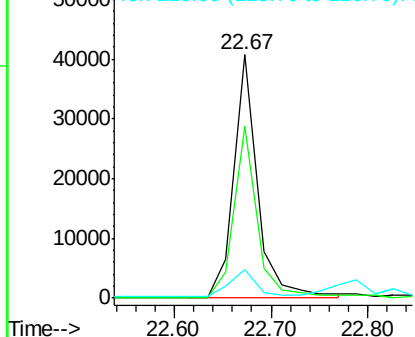
Lab File: BB058615.D

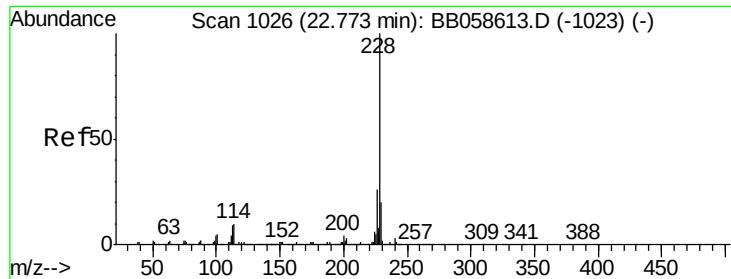
Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	70.5	51.0	76.4
126	11.9	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





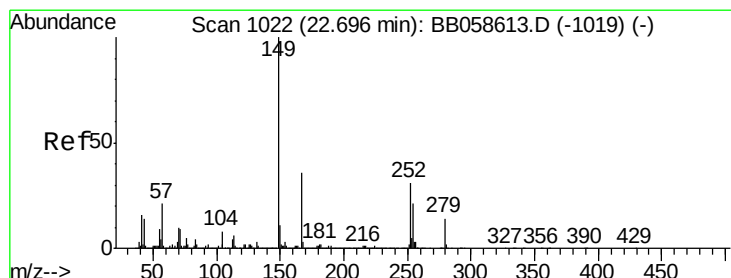
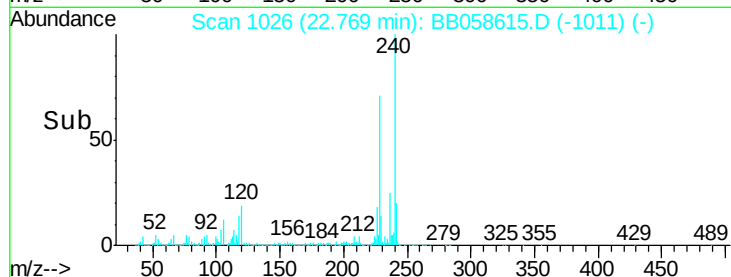
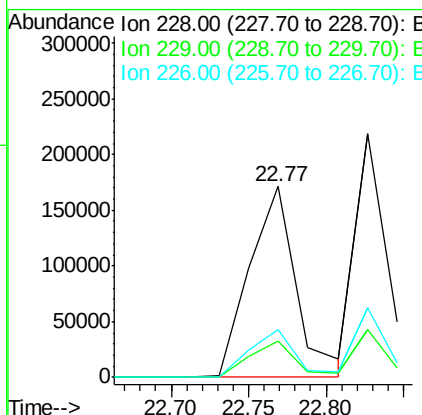
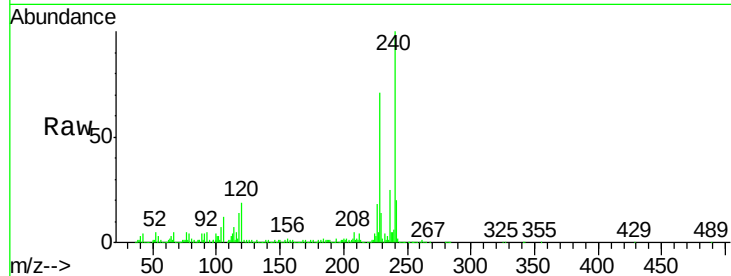
#80
Benzo(a)anthracene
Concen: 3.89 ng/ul
RT: 22.77 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Instrument :
BNA_B
ClientSampled :
MDL-01-W

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.6	23.4
226	25.0	21.8	32.8

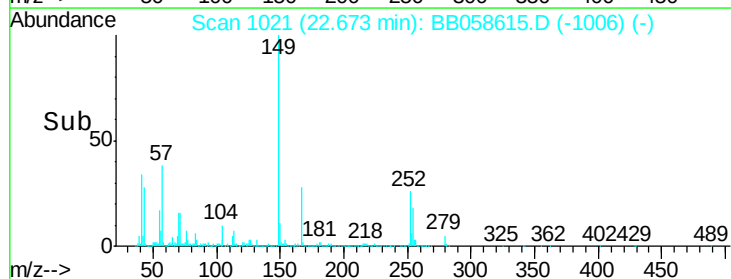
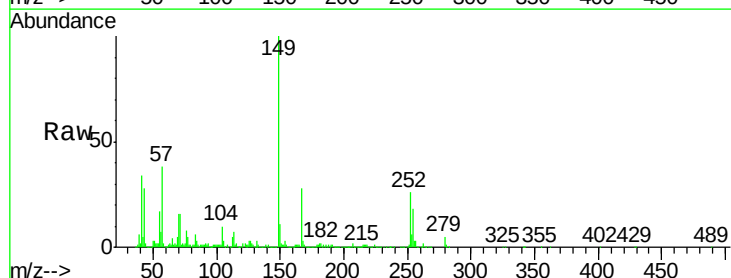
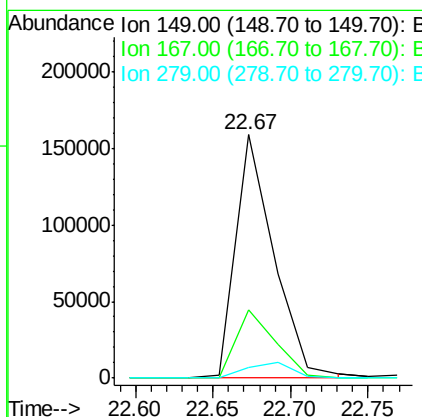
Manual Integrations
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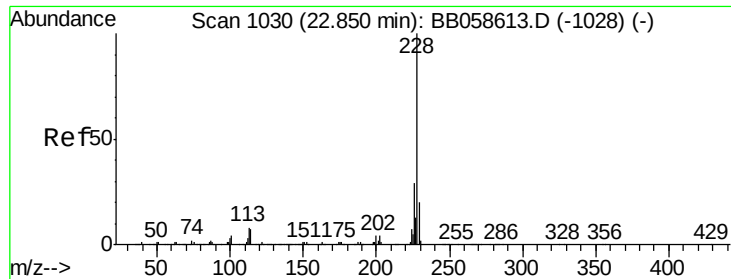
SOHIL
10/13/2016 11:12:26 AM



#81
Bis(2-ethylhexyl)phthalate
Concen: 3.32 ng/ul
RT: 22.67 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.2	34.8
279	4.6	4.1	6.1





#82

Chrysene

Concen: 3.54 ng/ul

RT: 22.83 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Instrument :

BNA_B

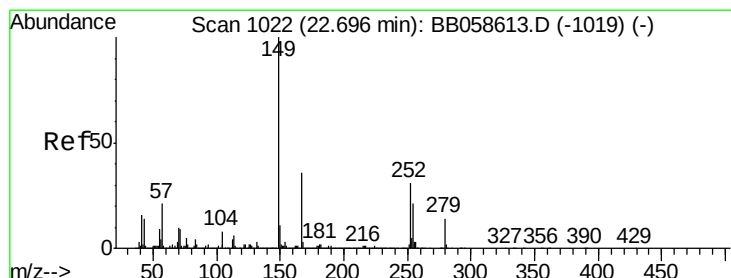
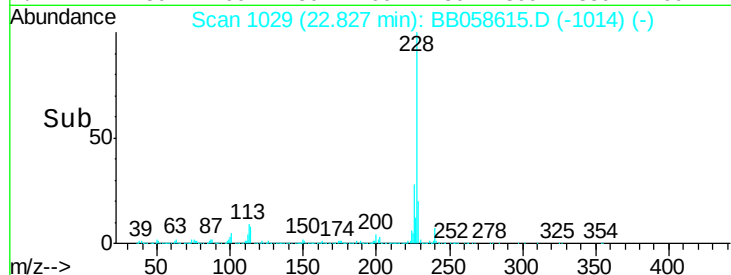
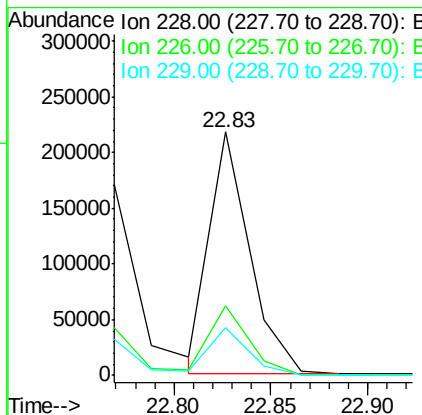
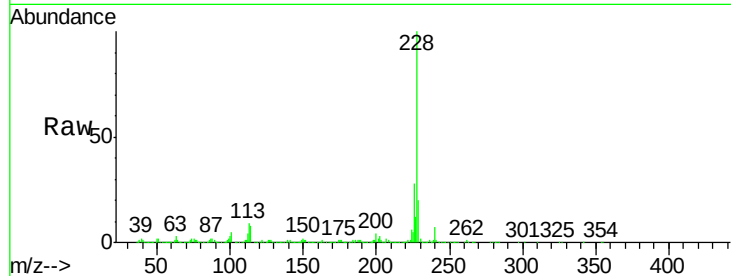
ClientSampled :

MDL-01-W

Tgt Ion:	228	Resp:	309758
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.4	35.2
229	19.5	15.5	23.3

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#84

Di-n-octyl phthalate

Concen: 3.62 ng/ul

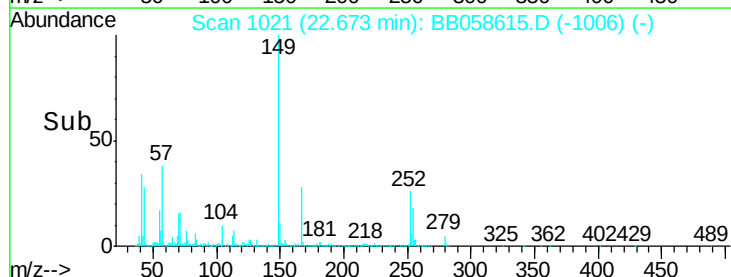
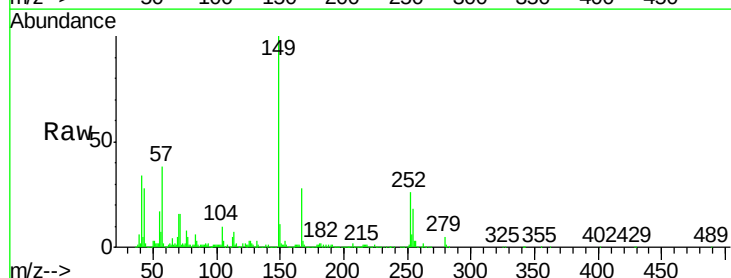
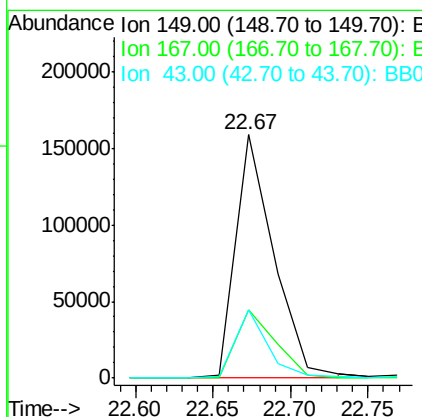
RT: 22.67 min Scan# 1021

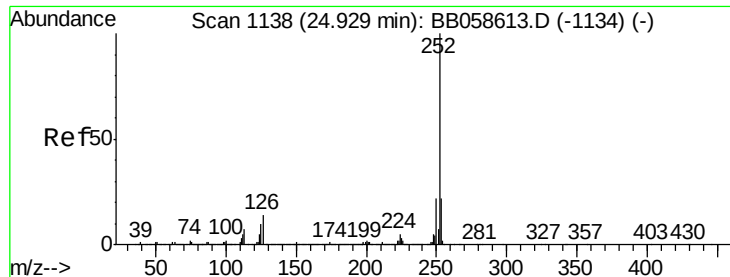
Delta R.T. -0.02 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Tgt Ion:	149	Resp:	274141
Ion Ratio	Lower	Upper	
149	100		
167	27.8	1.3	1.9#
43	28.2	6.6	10.0#





#85

Benzo(b)fluoranthene

Concen: 2.99 ng/ul

RT: 24.91 min Scan# 1137

Delta R.T. -0.04 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Instrument :

BNA_B

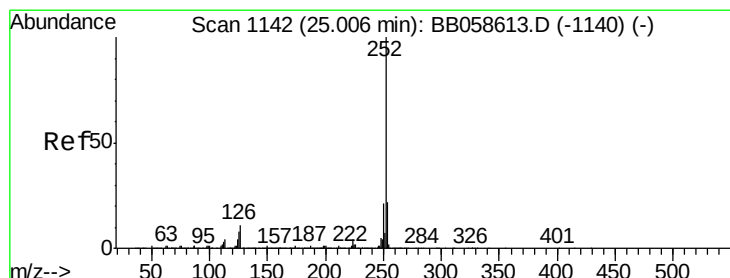
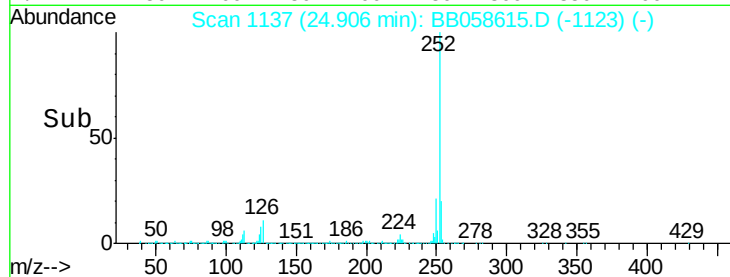
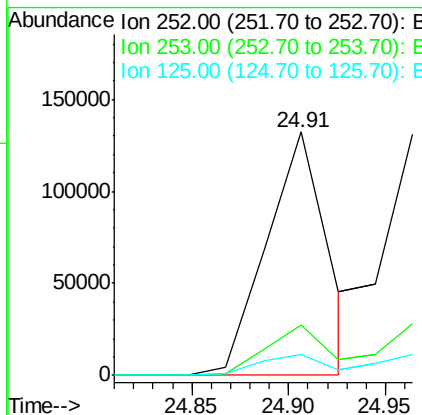
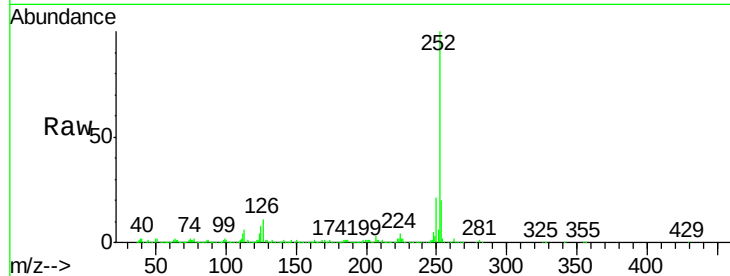
ClientSampled :

MDL-01-W

Tgt Ion:	252	Resp:	287470
Ion Ratio	Lower	Upper	
252	100		
253	20.5	17.1	25.7
125	8.5	5.8	8.8

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 3.96 ng/ul m

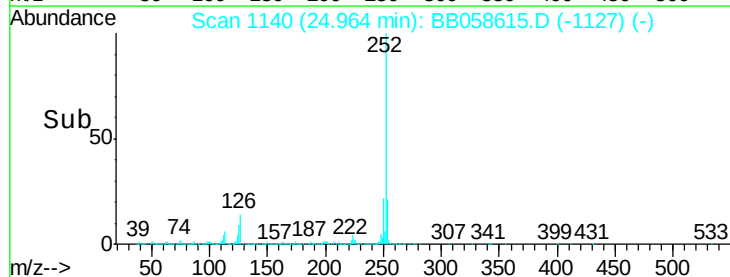
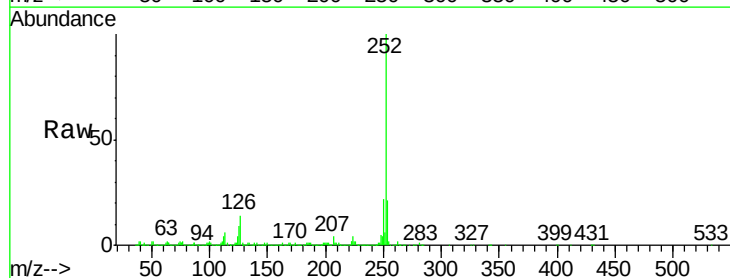
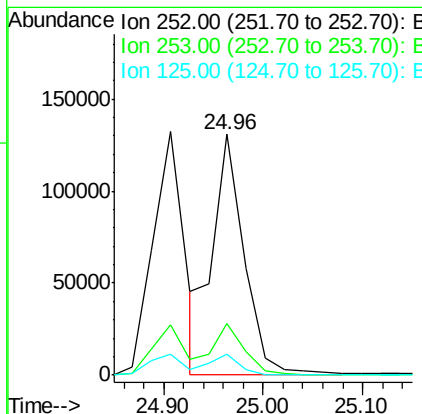
RT: 24.96 min Scan# 1140

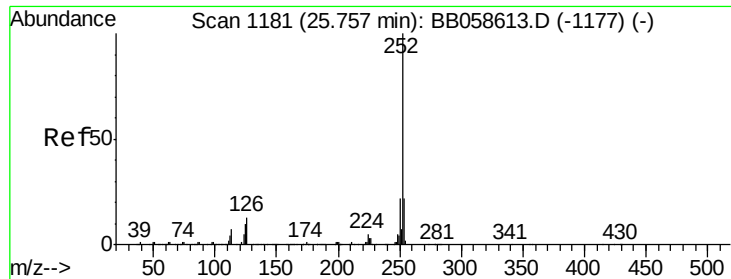
Delta R.T. -0.06 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Tgt Ion:	252	Resp:	294656
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.6	26.4
125	8.7	5.7	8.5#





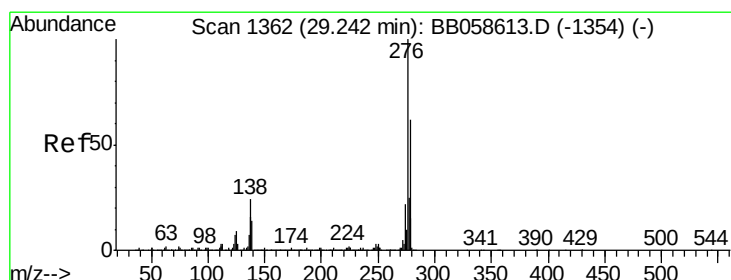
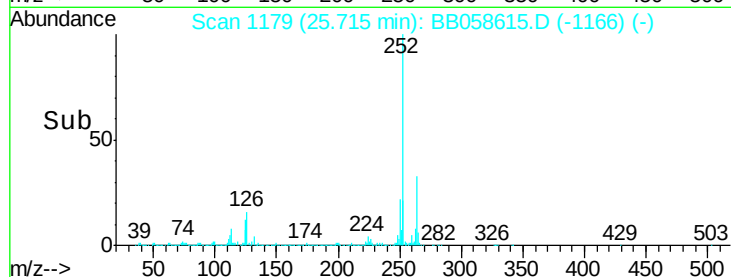
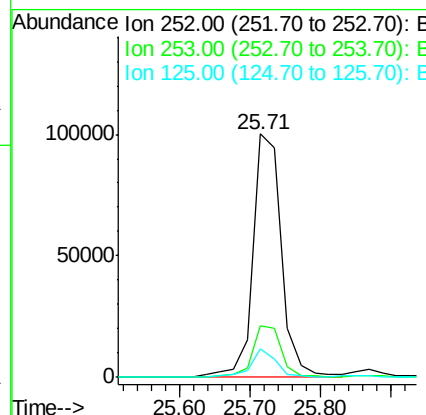
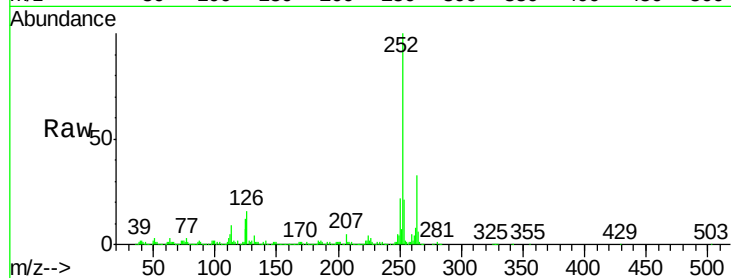
#88
Benzo(a)pyrene
Concen: 3.48 ng/ul
RT: 25.71 min Scan# 1179
Delta R.T. -0.06 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Instrument :
BNA_B
ClientSampled :
MDL-01-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.0	17.7	26.5
125	11.8	6.6	9.8

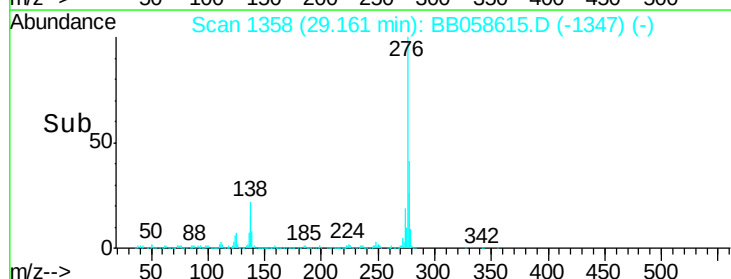
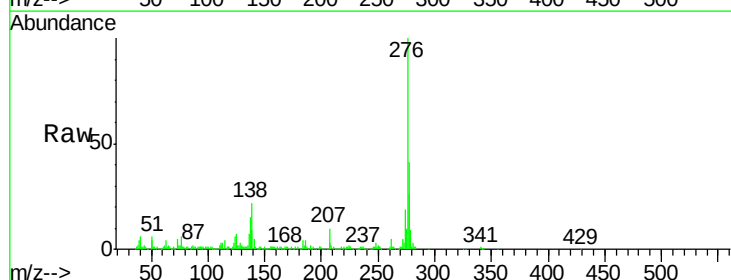
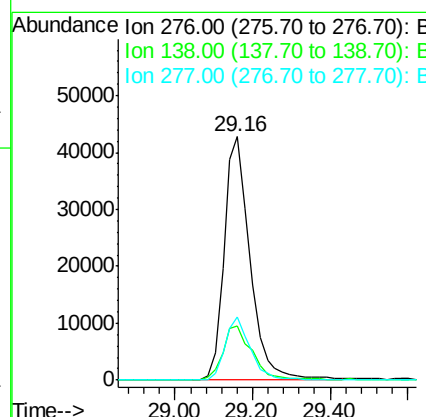
Manual Integrations
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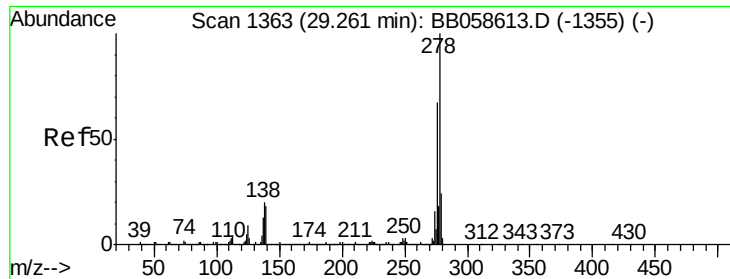
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10/13/2016 11:12:26 AM



#89
Indeno(1,2,3-cd)pyrene
Concen: 2.83 ng/ul
RT: 29.16 min Scan# 1358
Delta R.T. -0.10 min
Lab File: BB058615.D
Acq: 12 Oct 2016 11:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	22.0	13.9	20.9
277	26.0	20.1	30.1





#90

Dibenzo(a,h)anthracene

Concen: 2.62 ng/ul

RT: 29.20 min Scan# 1360

Delta R.T. -0.10 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Instrument :

BNA_B

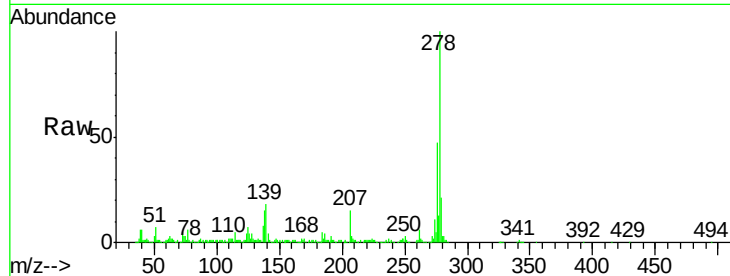
ClientSampleId :

MDL-01-W

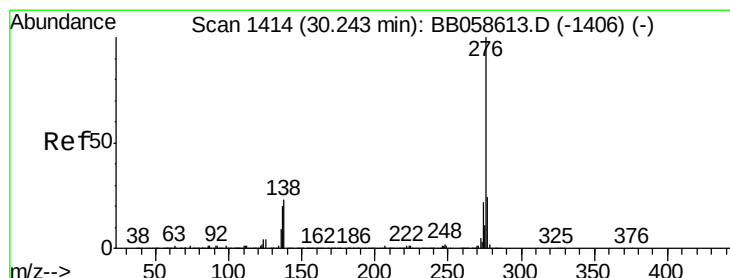
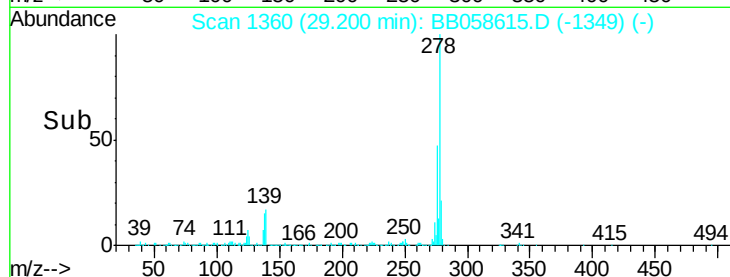
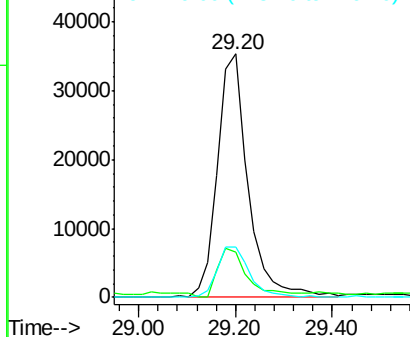
Tgt Ion:	278	Resp:	153579
Ion Ratio	Lower	Upper	
278	100		
139	18.3	9.5	14.3#
279	20.7	19.1	28.7

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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(g,h,i)perylene

Concen: 2.96 ng/ul

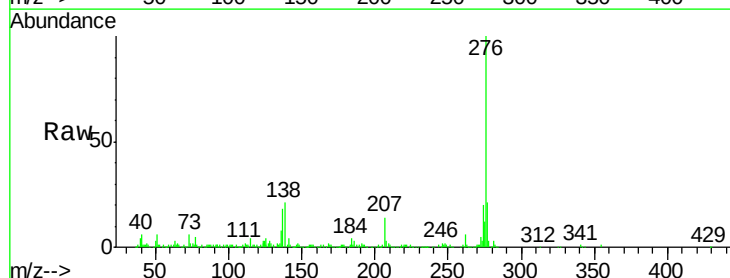
RT: 30.16 min Scan# 1410

Delta R.T. -0.12 min

Lab File: BB058615.D

Acq: 12 Oct 2016 11:31

Tgt Ion:	276	Resp:	164769
Ion Ratio	Lower	Upper	
276	100		
138	20.8	13.5	20.3#
277	20.9	19.3	28.9



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

