

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101816\
 Data File : BB058643.D
 Acq On : 18 Oct 2016 16:15
 Operator : UM/SJ
 Sample : MDL-07-S-ML
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 MDL-07-S-ML

Manual Integrations
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Quant Time: Oct 19 12:29:52 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	585555	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.64	136	2261273	20.00	ng/ul	-0.02
35) Acenaphthene-d10	15.59	164	1275008	20.00	ng/ul	-0.02
61) Phenanthrene-d10	18.44	188	2084627	20.00	ng/ul	0.00
75) Chrysene-d12	22.81	240	2090403	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	1497737	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.67	96	94618	7.32	ng/uL	0.00
5) Phenol-d5	7.83	99	1389848	32.67	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.98	67	1032434	36.23	ng/ul	0.00
9) 2-Chlorophenol-d4	8.21	132	1454763	32.97	ng/ul	0.00
13) 4-Methylphenol-d8	9.47	113	1111686	31.57	ng/ul	-0.02
19) Nitrobenzene-d5	9.91	128	733066	31.35	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.68	143	817729	32.50	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	11.26	165	1068970	29.98	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.78	131	1510876	35.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.97	166	2748824	32.42	ng/ul	0.00
46) Acenaphthylene-d8	15.28	160	3406216	34.07	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	557250	28.62	ng/ul	-0.02
57) Fluorene-d10	16.63	176	2458407	35.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.74	200	601806	27.19	ng/ul	0.00
70) Anthracene-d10	18.53	188	3099429m	33.24	ng/ul	0.00
76) Pyrene-d10	20.88	212	3443523	37.49	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.68	264	2292110	33.51	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.71	88	10758	0.84 ng/uL#	33
4) Benzaldehyde	7.75	77	77387	2.83 ng/ul#	77
6) Phenol	7.85	94	127456	3.02 ng/ul#	22
8) Bis(2-Chloroethyl)ether	8.08	93	116384	3.35 ng/ul#	84
10) 2-Chlorophenol	8.25	128	127012	3.02 ng/ul	98
11) 2-Methylphenol	9.18	108	98637	2.91 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.27	45	235791	3.85 ng/ul#	86
14) Acetophenone	9.56	105	154458	3.00 ng/ul#	79
15) N-Nitroso-di-n-propylamine	9.56	70	100933	3.31 ng/ul#	52
16) 4-Methylphenol	9.52	108	108029	2.95 ng/ul	100
17) Hexachloroethane	9.85	117	61814	3.04 ng/ul#	54
20) Nitrobenzene	9.95	77	140830	3.21 ng/ul#	94
21) Isophorone	10.51	82	267607	3.16 ng/ul#	94
23) 2-Nitrophenol	10.72	139	73455	2.80 ng/ul	98
24) 2,4-Dimethylphenol	10.79	107	129030	3.00 ng/ul	98
25) Bis(2-Chloroethoxy)methane	11.01	93	127421	3.12 ng/ul#	96
27) 2,4-Dichlorophenol	11.28	162	97741	2.74 ng/ul#	65
28) Naphthalene	11.70	128	333840	3.10 ng/ul	100
30) 4-Chloroaniline	11.80	127	131629	3.23 ng/ul	91
31) Hexachlorobutadiene	12.05	225	65251	2.67 ng/ul	97
32) Caprolactam	12.62	113	32262	2.49 ng/ul	93
33) 4-Chloro-3-methylphenol	12.97	107	103261	2.90 ng/ul	89
34) 2-Methylnaphthalene	13.35	142	213906	2.88 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.74	216	110077	2.81	ng/ul#	94
37) Hexachlorocyclopentadiene	13.74	237	42010	1.70	ng/ul	92
38) 2,4,6-Trichlorophenol	13.97	196	63190	2.66	ng/ul	96
39) 2,4,5-Trichlorophenol	14.05	196	65904	2.61	ng/ul	96
40) 1,1'-Biphenyl	14.38	154	261796	3.06	ng/ul#	97
41) 2-Chloronaphthalene	14.43	162	198668	2.92	ng/ul	98
42) 2-Nitroaniline	14.61	65	81055	3.10	ng/ul#	76
44) Dimethylphthalate	15.01	163	252133	2.97	ng/ul#	98
45) 2,6-Dinitrotoluene	15.13	165	60910	2.84	ng/ul	94
47) Acenaphthylene	15.30	152	326681	3.37	ng/ul	98
48) 3-Nitroaniline	14.61	138	73525	2.62	ng/ul#	50
49) Acenaphthene	15.67	153	200672	3.01	ng/ul	92
50) 2,4-Dinitrophenol	15.68	184	22048	1.44	ng/ul#	80
52) 4-Nitrophenol	15.80	109	47246	2.98	ng/ul#	74
53) Dibenzofuran	15.99	168	275604	2.91	ng/ul#	77
54) 2,4-Dinitrotoluene	15.93	165	79611	2.66	ng/ul#	38
55) 2,3,4,6-Tetrachlorophenol	16.24	232	55795	2.53	ng/ul#	68
56) Diethylphthalate	16.44	149	285483	3.24	ng/ul	94
58) Fluorene	16.69	166	218045	2.83	ng/ul	90
59) 4-Chlorophenyl-phenylether	16.67	204	116608	2.81	ng/ul	98
60) 4-Nitroaniline	16.67	138	42656	1.93	ng/ul#	90
63) 4,6-Dinitro-2-methylphenol	16.74	198	50792	2.30	ng/ul#	1
64) N-Nitrosodiphenylamine	16.88	169	193617	2.88	ng/ul	93
65) 4-Bromophenyl-phenylether	17.59	248	69708	2.61	ng/ul	96
66) Hexachlorobenzene	17.74	284	69998	2.62	ng/ul#	81
67) Atrazine	17.86	200	69303	2.71	ng/ul	91
68) Pentachlorophenol	18.09	266	35256	1.86	ng/ul	99
69) Phenanthrene	18.48	178	327703	3.16	ng/ul	99
71) Anthracene	18.57	178	337449	3.18	ng/ul	99
72) Carbazole	18.84	167	268590	3.03	ng/ul	97
73) Di-n-butylphthalate	19.42	149	505020	3.49	ng/ul	99
74) Fluoranthene	20.54	202	323425	3.06	ng/ul#	94
77) Pyrene	20.90	202	390667	3.58	ng/ul	98
78) Butylbenzylphthalate	21.81	149	188361	2.66	ng/ul#	84
79) 3,3'-Dichlorobenzidine	22.67	252	53032	1.44	ng/ul#	91
80) Benzo(a)anthracene	22.77	228	318834	3.00	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.69	149	273915	2.91	ng/ul#	97
82) Chrysene	22.85	228	292252	2.93	ng/ul	97
84) Di-n-octyl phthalate	22.69	149	273915	3.51	ng/ul#	62
85) Benzo(b)fluoranthene	24.91	252	261587	2.65	ng/ul#	92
86) Benzo(k)fluoranthene	24.98	252	230645	3.01	ng/ul#	96
88) Benzo(a)pyrene	25.73	252	225532	2.71	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.16	276	159204	2.19	ng/ul#	89
90) Dibenzo(a,h)anthracene	29.18	278	121207	2.01	ng/ul#	87
91) Benzo(g,h,i)perylene	30.16	276	128108	2.23	ng/ul#	92

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

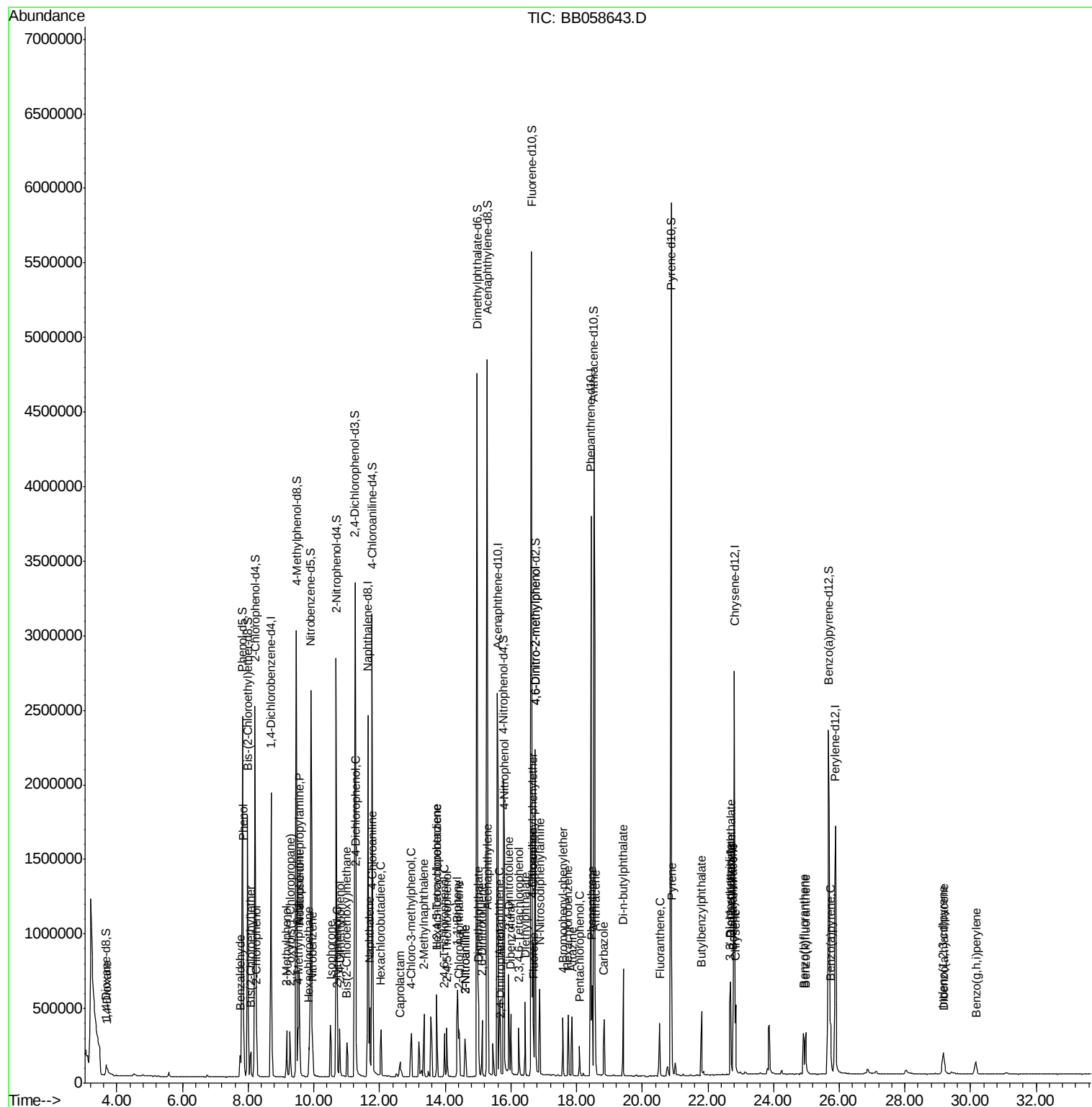
Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101816\
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ALS Vial : 10 Sample Multiplier: 1

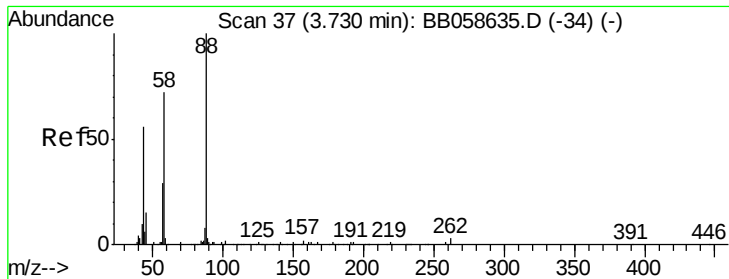
Instrument :
BNA_B
ClientSampleId :
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#2

1,4-Dioxane

Concen: 0.84 ng/uL

RT: 3.71 min Scan# 36

Delta R.T. -0.02 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Instrument :

BNA_B

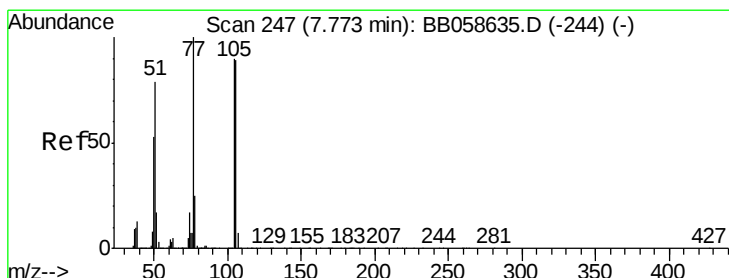
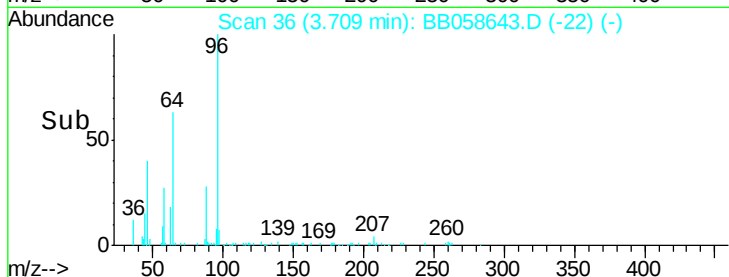
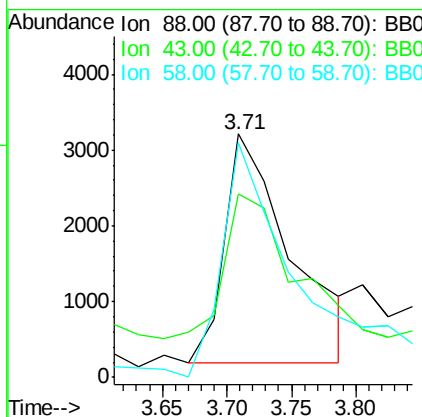
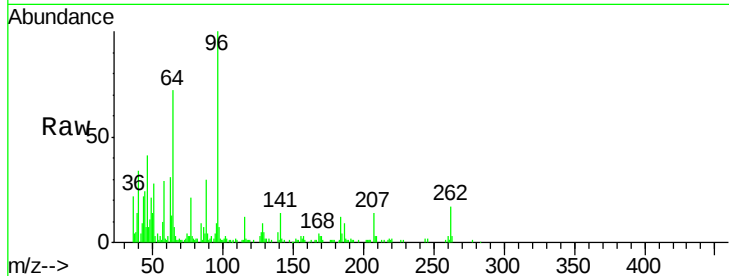
ClientSampleId :

MDL-07-S-ML

Tgt Ion:	88	Resp:	10758
Ion Ratio	Lower	Upper	
88	100		
43	71.2	22.6	34.0#
58	122.9	57.3	85.9#

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#4

Benzaldehyde

Concen: 2.83 ng/uL

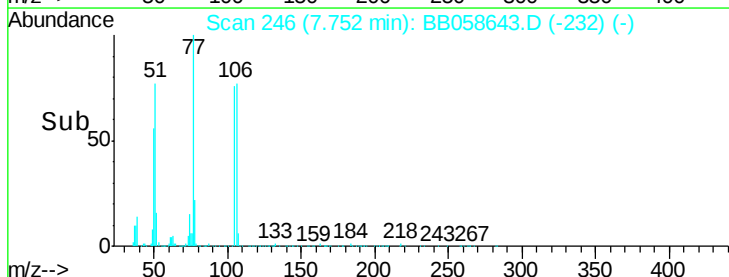
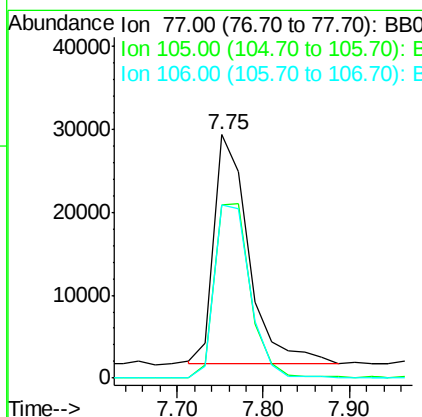
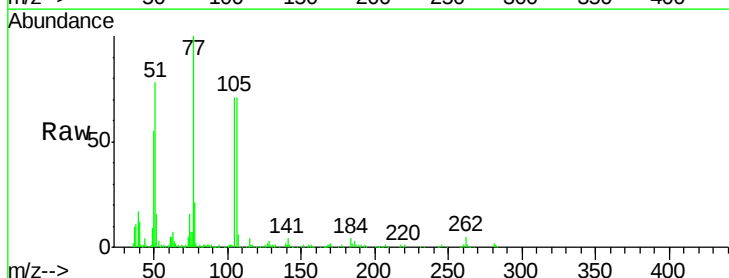
RT: 7.75 min Scan# 246

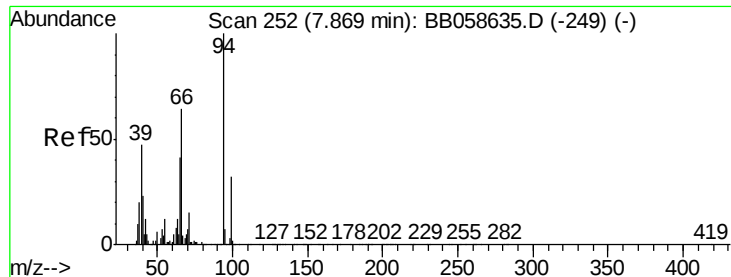
Delta R.T. -0.02 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Tgt Ion:	77	Resp:	77387
Ion Ratio	Lower	Upper	
77	100		
105	71.3	76.9	115.3#
106	71.3	71.8	107.8#





#6

Phenol

Concen: 3.02 ng/ul

RT: 7.85 min Scan# 251

Delta R.T. -0.02 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Instrument :

BNA_B

ClientSampleId :

MDL-07-S-ML

Tgt Ion: 94 Resp: 127456
Ion Ratio Lower Upper

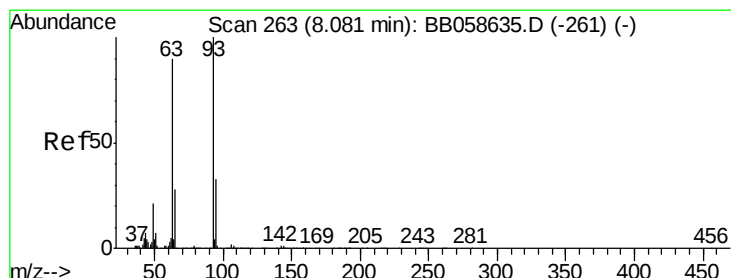
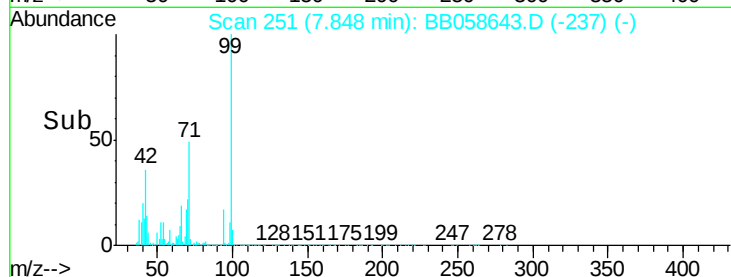
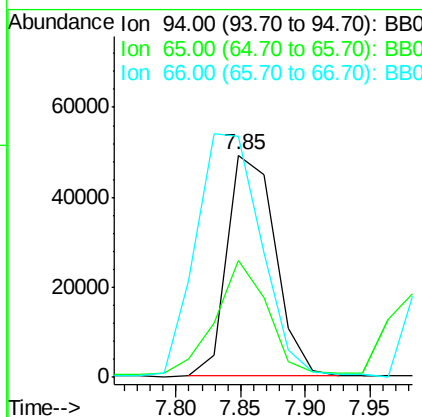
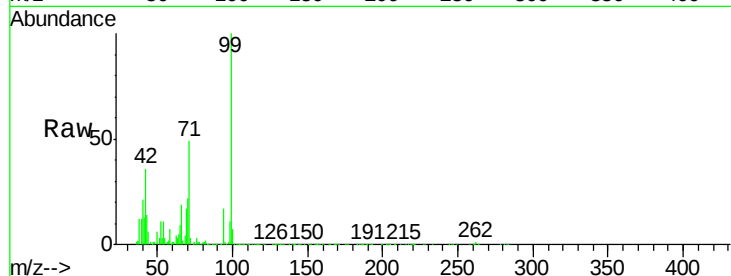
94 100

65 52.3 23.9 35.9#

66 108.2 33.5 50.3#

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#8

Bis(2-Chloroethyl)ether

Concen: 3.35 ng/ul

RT: 8.08 min Scan# 263

Delta R.T. -0.00 min

Lab File: BB058643.D

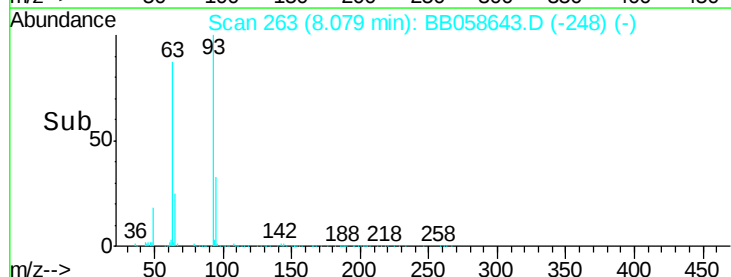
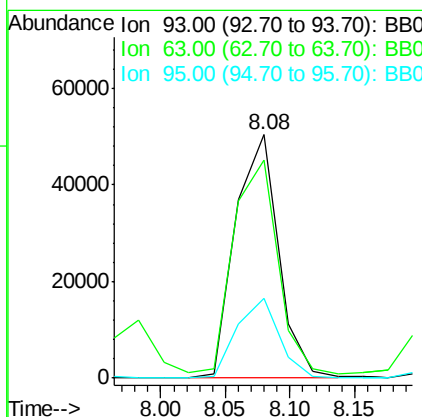
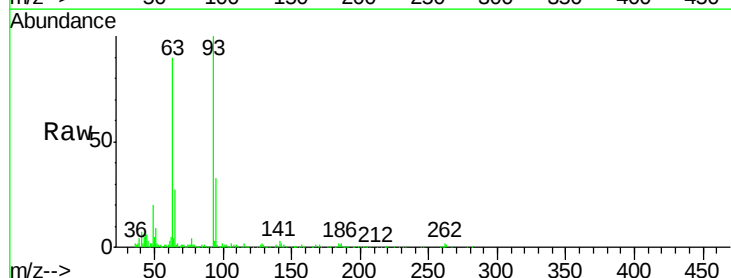
Acq: 18 Oct 2016 16:15

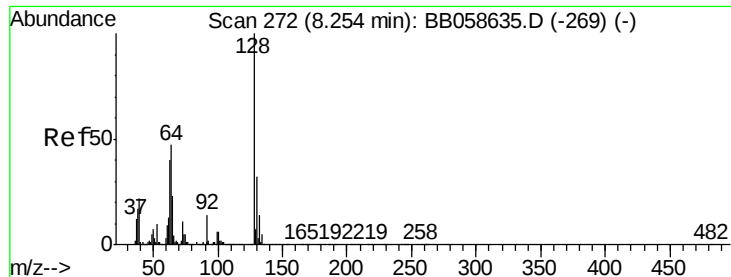
Tgt Ion: 93 Resp: 116384
Ion Ratio Lower Upper

93 100

63 89.6 57.3 85.9#

95 32.6 25.1 37.7





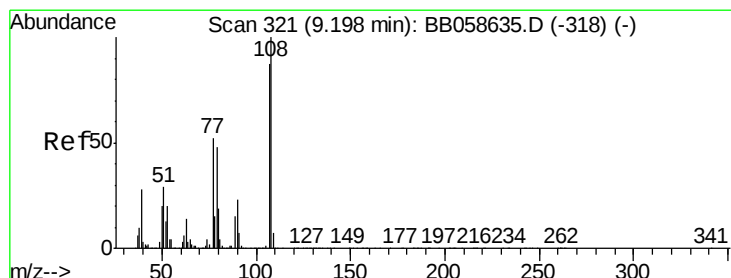
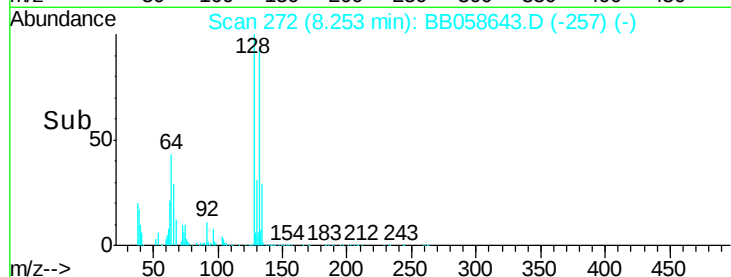
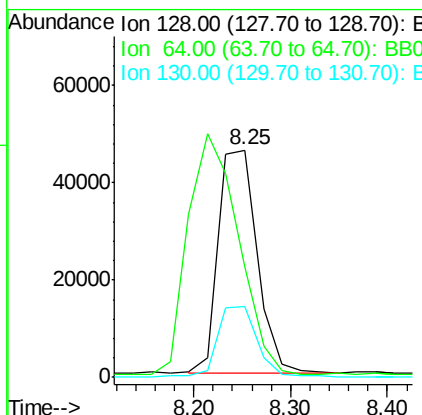
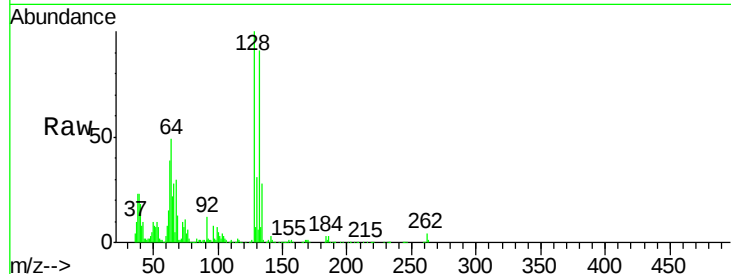
#10
2-Chlorophenol
Concen: 3.02 ng/ul
RT: 8.25 min Scan# 272
Delta R.T. -0.00 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

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Tgt Ion	Ratio	Lower	Upper
128	100		
64	48.8	37.5	56.3
130	31.0	25.0	37.4

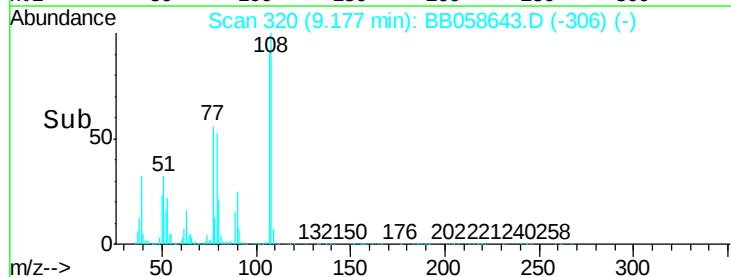
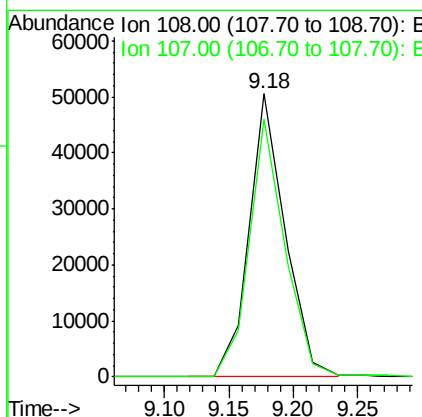
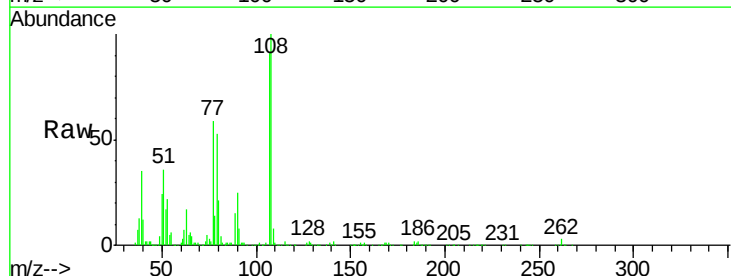
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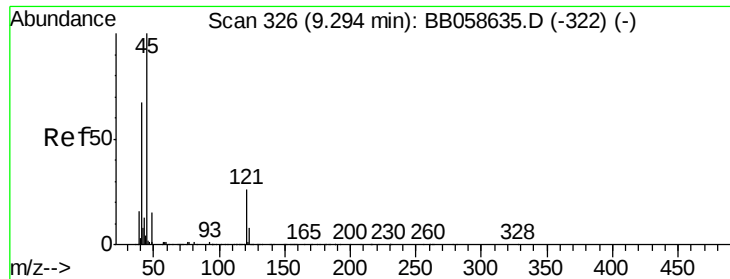
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#11
2-Methylphenol
Concen: 2.91 ng/ul
RT: 9.18 min Scan# 320
Delta R.T. -0.02 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Lower	Upper
108	100		
107	90.9	71.8	107.6





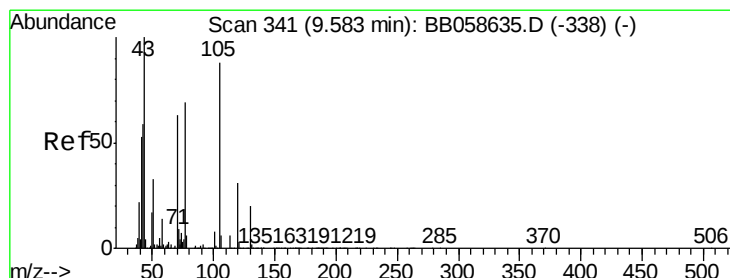
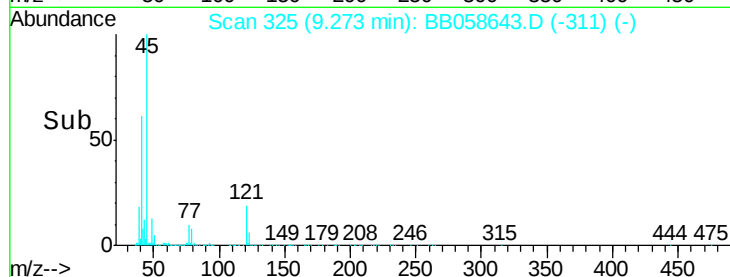
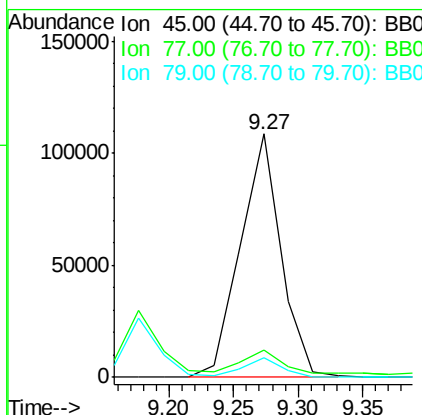
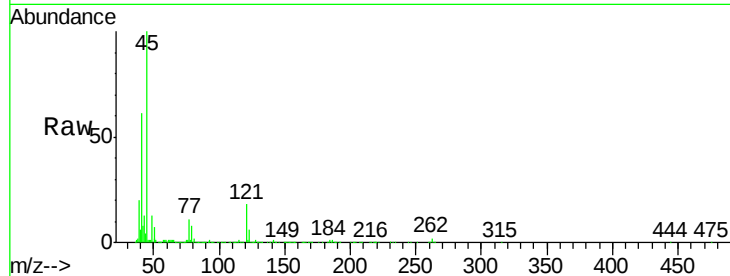
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 3.85 ng/ul
 RT: 9.27 min Scan# 325
 Delta R.T. -0.02 min
 Lab File: BB058643.D
 Acq: 18 Oct 2016 16:15

Instrument :
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.3	14.1	21.1#
79	7.9	10.4	15.6#

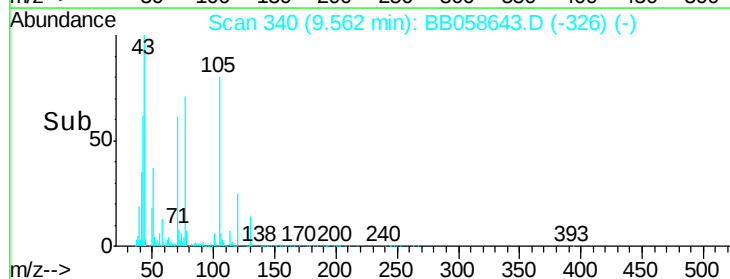
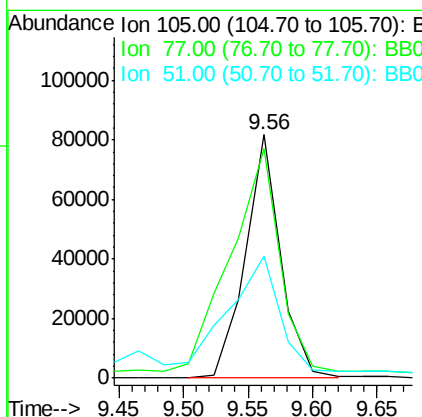
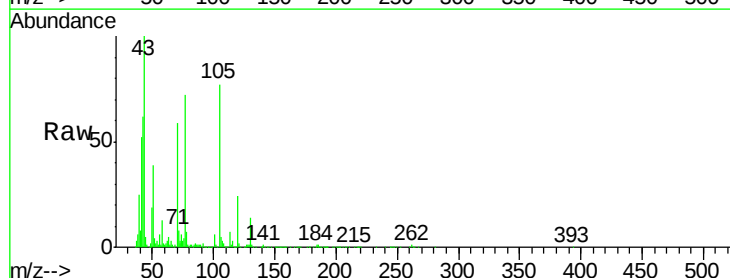
Manual Integrations
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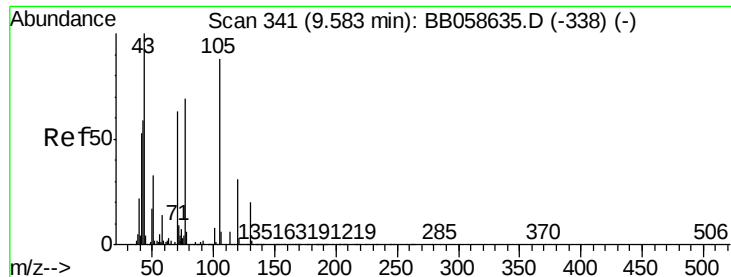
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#14
 Acetophenone
 Concen: 3.00 ng/ul
 RT: 9.56 min Scan# 340
 Delta R.T. -0.02 min
 Lab File: BB058643.D
 Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Lower	Upper
105	100		
77	94.4	65.9	98.9
51	50.3	22.2	33.2#





#15

N-Nitroso-di-n-propylamine

Concen: 3.31 ng/ul

RT: 9.56 min Scan# 340

Delta R.T. -0.02 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Instrument :

BNA_B

ClientSampleId :

MDL-07-S-ML

Tgt Ion: 70 Resp: 100933
Ion Ratio Lower Upper

70 100

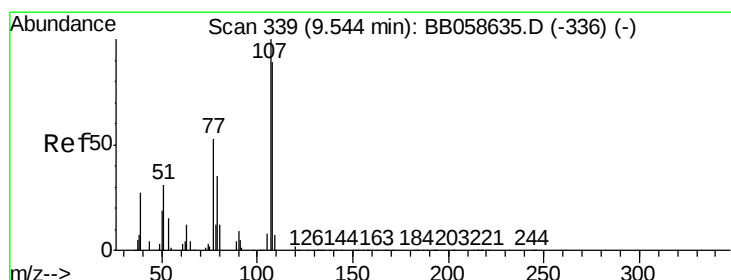
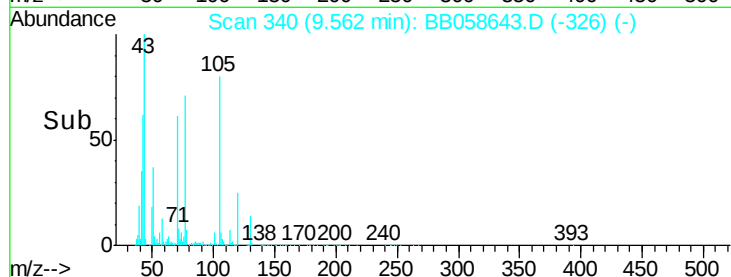
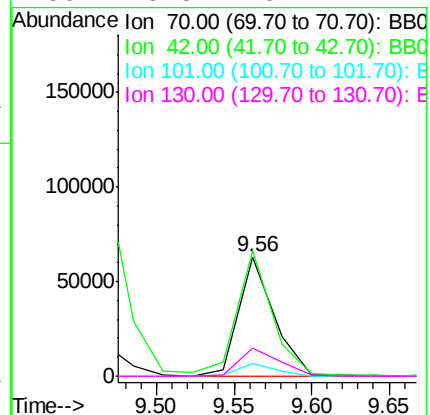
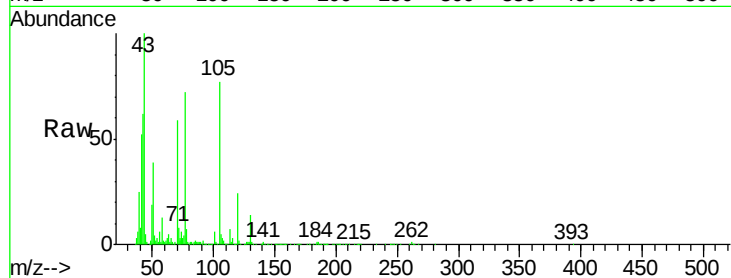
42 105.5 43.4 65.2#

101 10.5 7.8 11.6

130 23.8 16.2 24.4

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#16

4-Methylphenol

Concen: 2.95 ng/ul

RT: 9.52 min Scan# 338

Delta R.T. -0.02 min

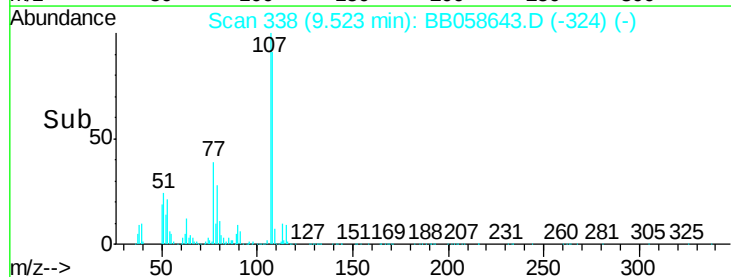
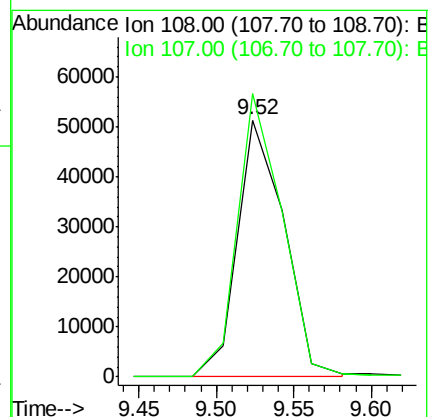
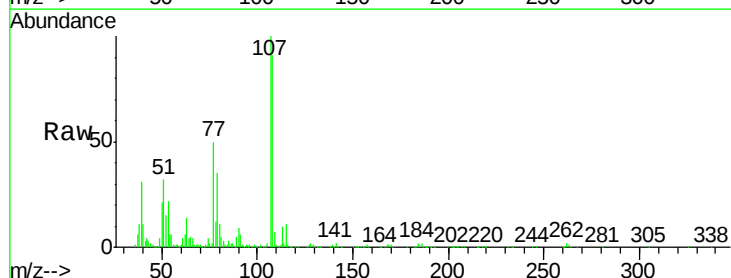
Lab File: BB058643.D

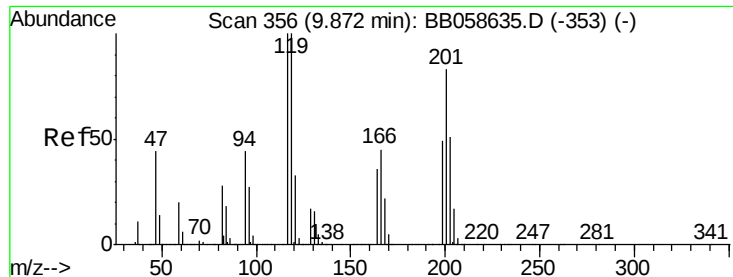
Acq: 18 Oct 2016 16:15

Tgt Ion: 108 Resp: 108029
Ion Ratio Lower Upper

108 100

107 110.2 87.8 131.8





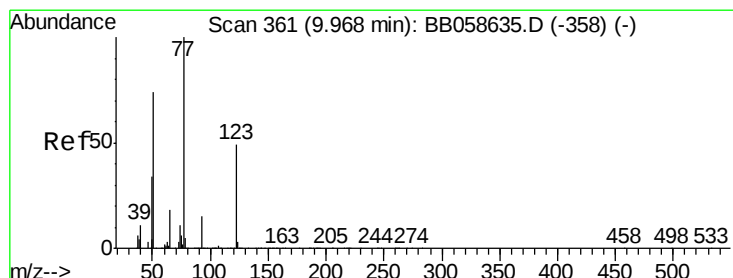
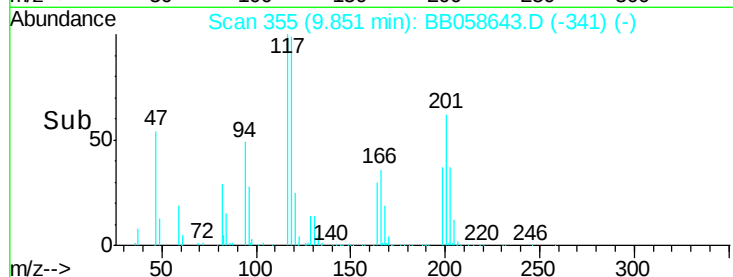
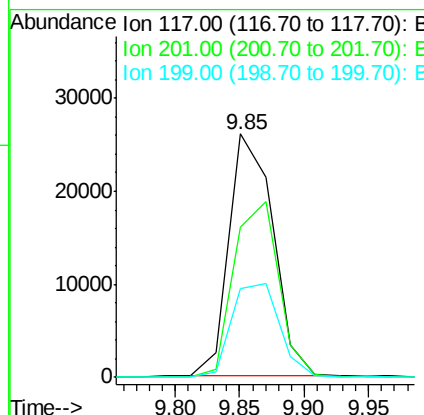
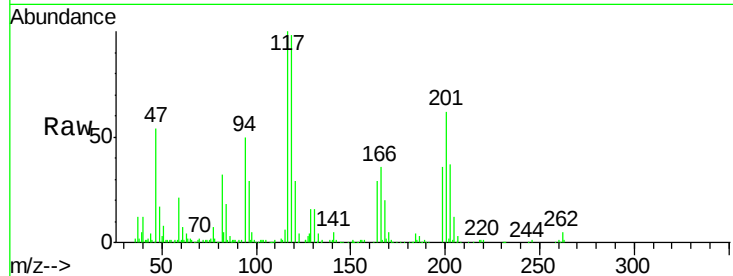
#17
Hexachloroethane
Concen: 3.04 ng/ul
RT: 9.85 min Scan# 355
Delta R.T. -0.02 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Instrument :
BNA_B
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61814		
201	61.6	90.3	135.5#	
199	36.3	58.5	87.7#	

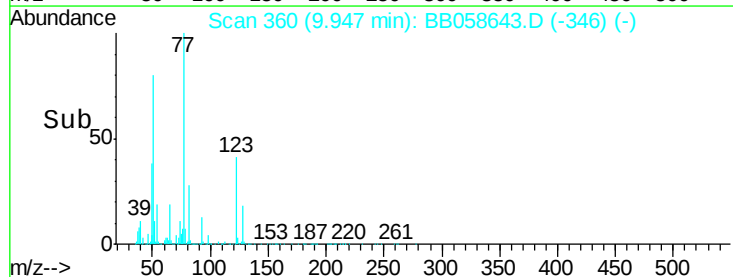
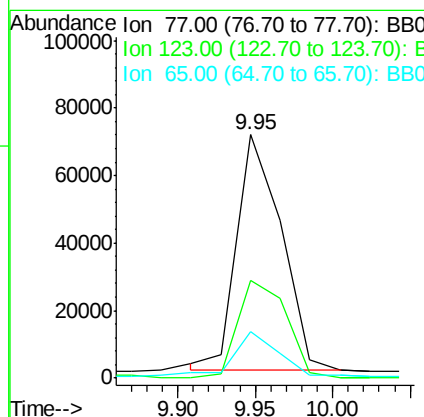
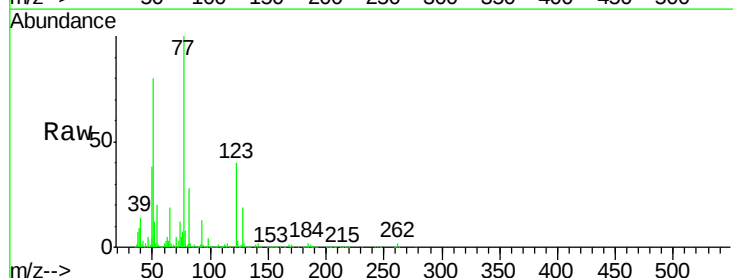
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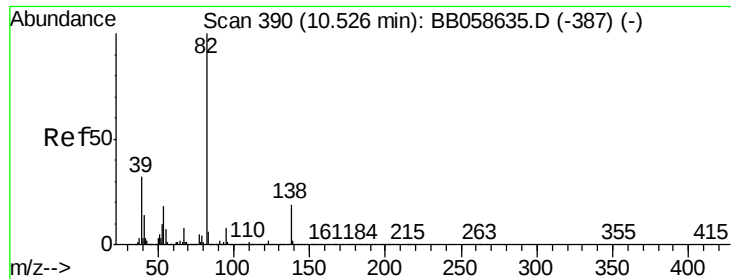
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#20
Nitrobenzene
Concen: 3.21 ng/ul
RT: 9.95 min Scan# 360
Delta R.T. -0.02 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	140830		
123	40.3	34.2	51.4	
65	19.0	11.0	16.6#	





#21

Isophorone

Concen: 3.16 ng/ul

RT: 10.51 min Scan# 389

Delta R.T. -0.02 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Instrument :

BNA_B

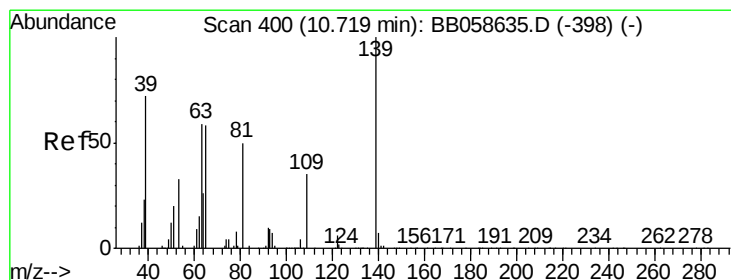
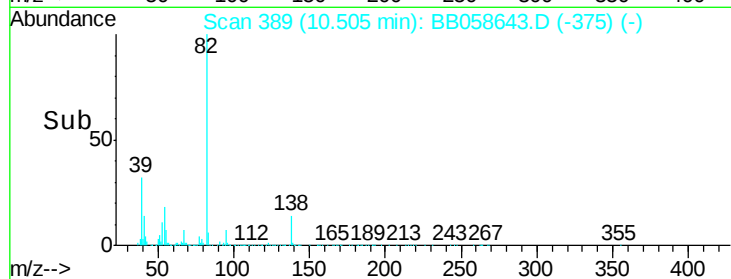
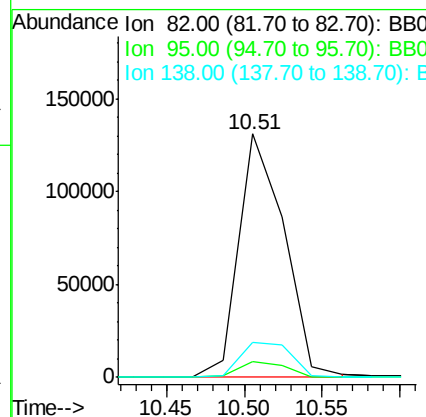
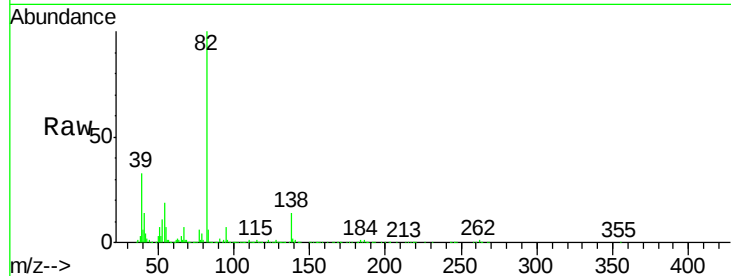
ClientSampleId :

MDL-07-S-ML

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
95	6.6	6.9	10.3#
138	14.4	13.8	20.8

Manual Integrations
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#23

2-Nitrophenol

Concen: 2.80 ng/ul

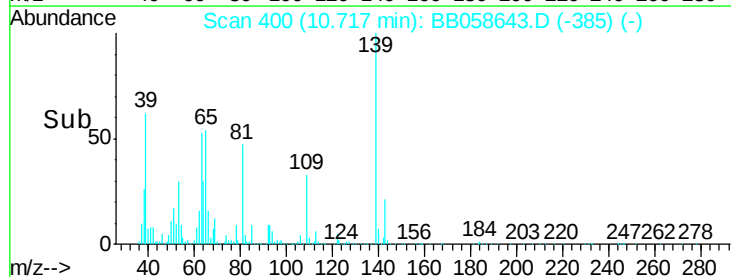
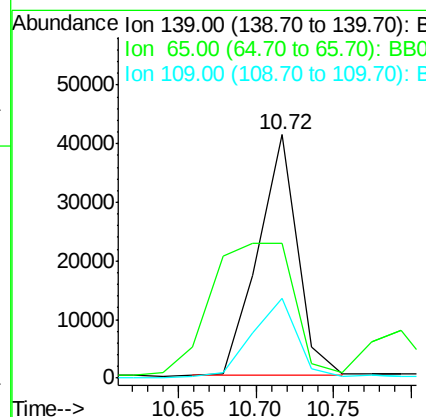
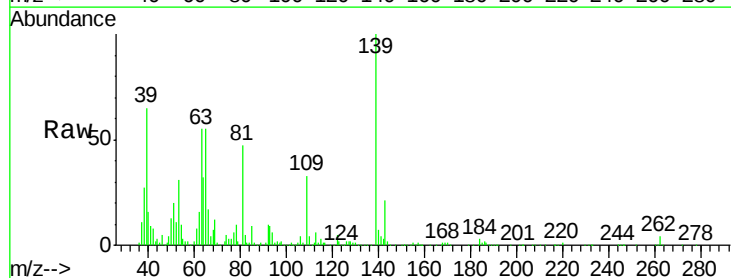
RT: 10.72 min Scan# 400

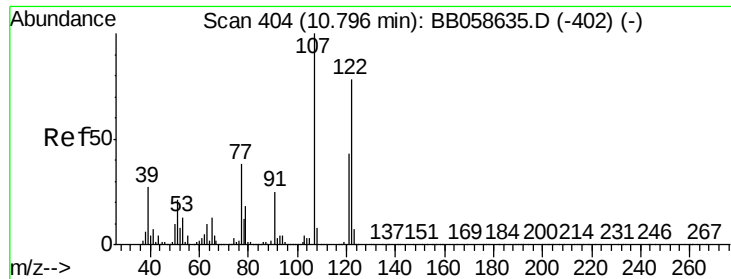
Delta R.T. -0.00 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
65	55.2	44.2	66.4
109	32.9	28.2	42.4





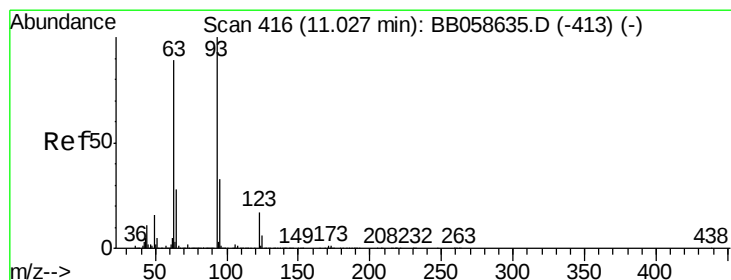
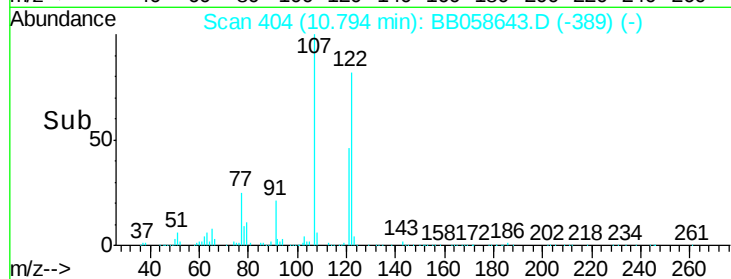
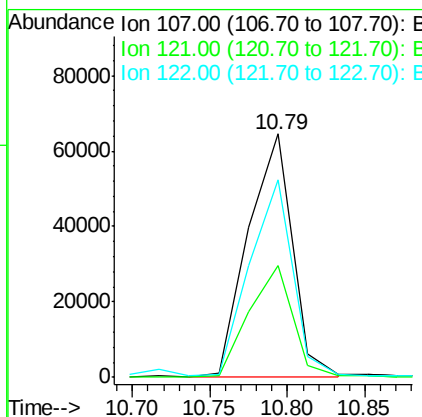
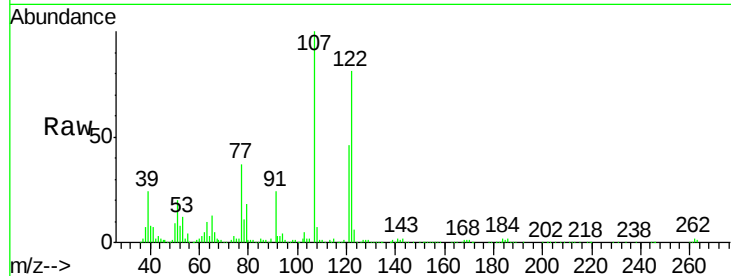
#24
 2,4-Dimethylphenol
 Concen: 3.00 ng/ul
 RT: 10.79 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BB058643.D
 Acq: 18 Oct 2016 16:15

Instrument :
 BNA_B
 ClientSampleId :
 MDL-07-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
121	46.2	37.1	55.7
122	81.1	62.8	94.2

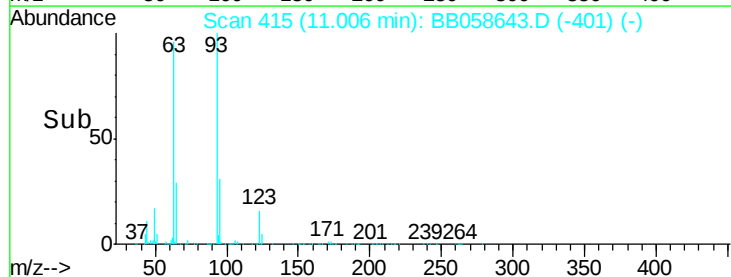
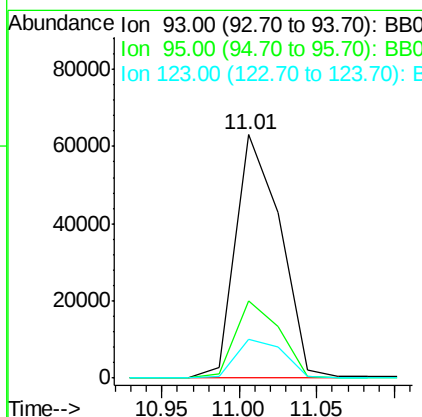
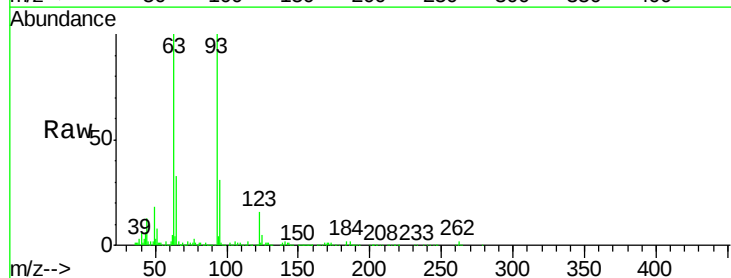
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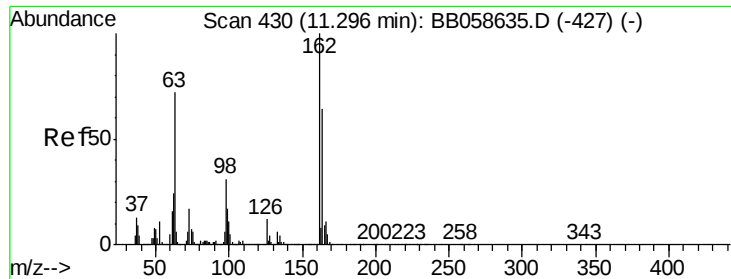
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.12 ng/ul
 RT: 11.01 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BB058643.D
 Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	31.5	25.4	38.0
123	15.8	8.3	12.5





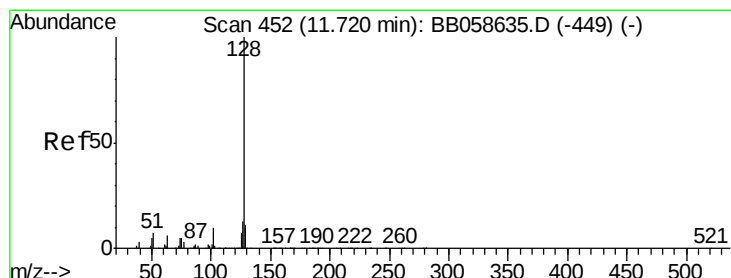
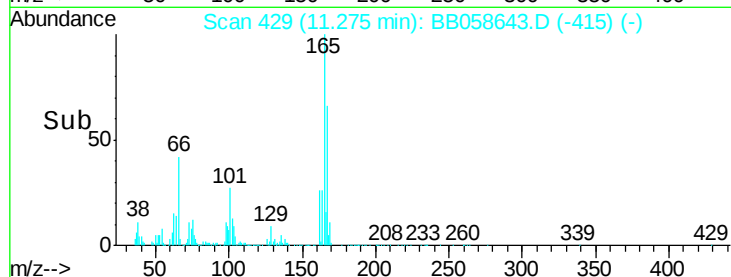
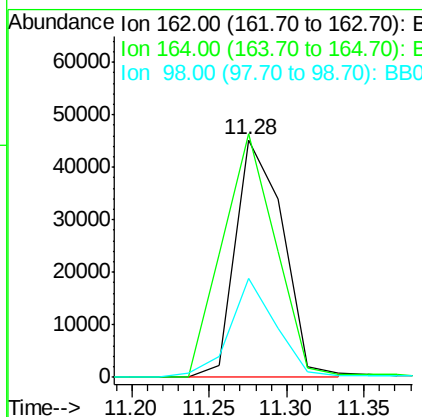
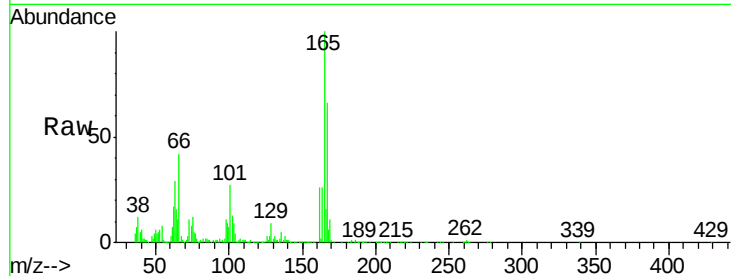
#27
 2,4-Dichlorophenol
 Concen: 2.74 ng/ul
 RT: 11.28 min Scan# 429
 Delta R.T. -0.02 min
 Lab File: BB058643.D
 Acq: 18 Oct 2016 16:15

Instrument :
 BNA_B
 ClientSampleId :
 MDL-07-S-ML

Tgt Ion	Ratio	Lower	Upper
162	100		
164	102.5	51.6	77.4#
98	41.5	28.4	42.6

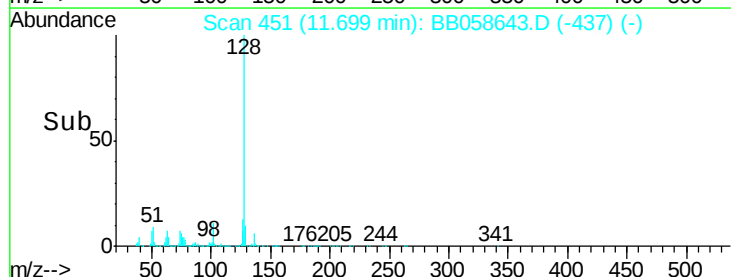
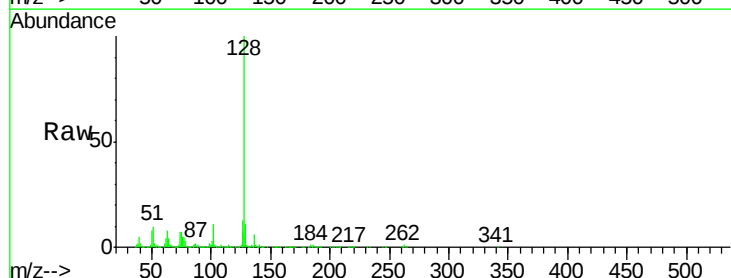
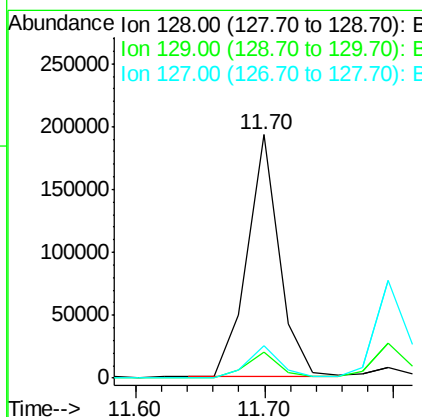
Manual Integrations
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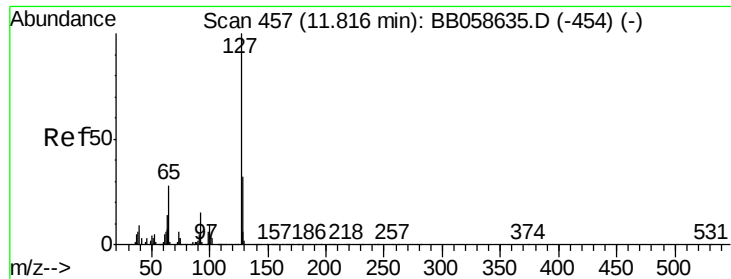
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#28
 Naphthalene
 Concen: 3.10 ng/ul
 RT: 11.70 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BB058643.D
 Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.3	10.6	15.8





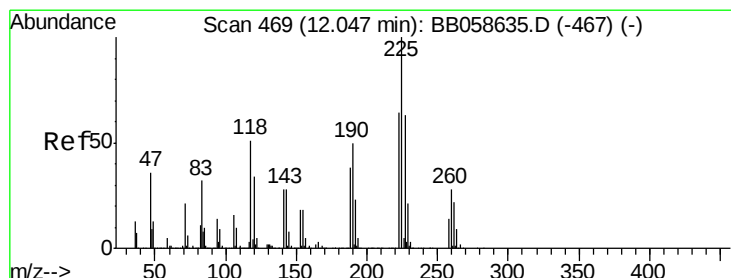
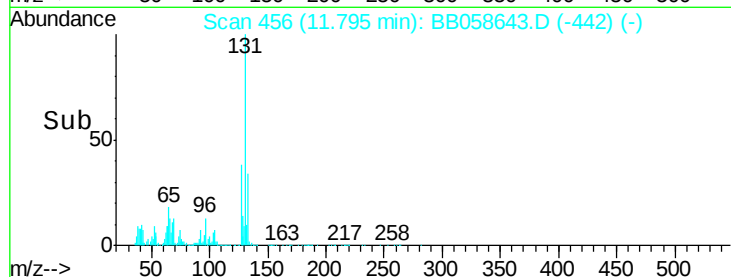
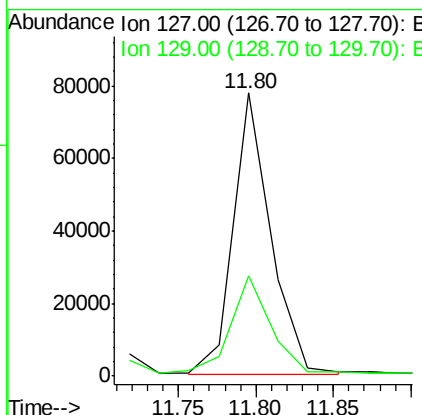
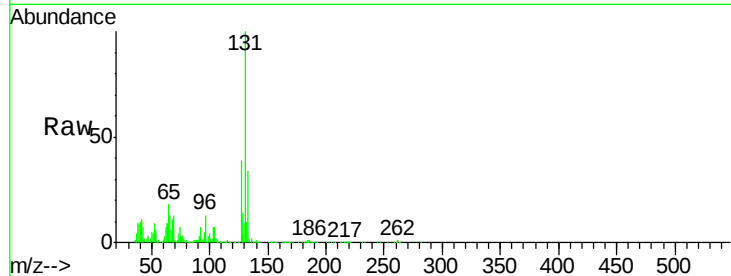
#30
4-Chloroaniline
Concen: 3.23 ng/ul
RT: 11.80 min Scan# 456
Delta R.T. -0.02 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Instrument :
BNA_B
ClientSampleId :
MDL-07-S-ML

Tgt Ion:127 Resp: 131629
Ion Ratio Lower Upper
127 100
129 35.7 24.6 37.0

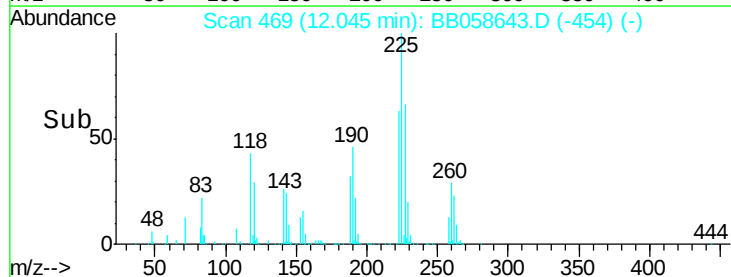
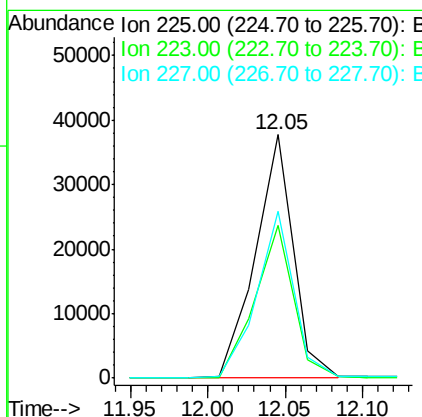
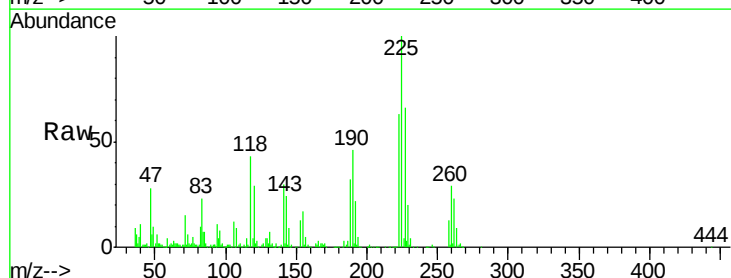
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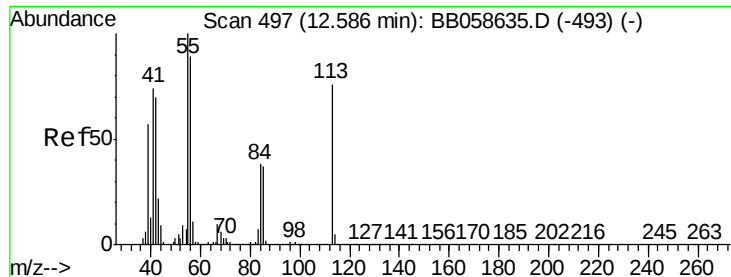
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#31
Hexachlorobutadiene
Concen: 2.67 ng/ul
RT: 12.05 min Scan# 469
Delta R.T. -0.00 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Tgt Ion:225 Resp: 65251
Ion Ratio Lower Upper
225 100
223 62.8 51.2 76.8
227 68.7 52.5 78.7





#32

Caprolactam

Concen: 2.49 ng/ul

RT: 12.62 min Scan# 499

Delta R.T. 0.04 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Instrument :

BNA_B

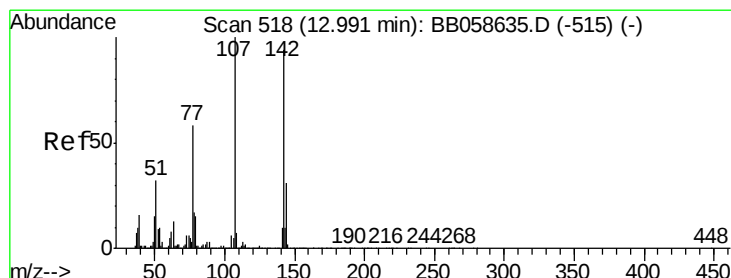
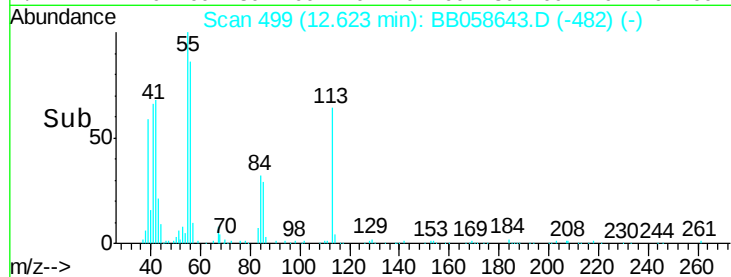
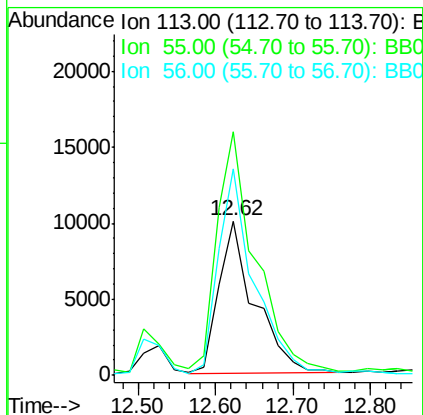
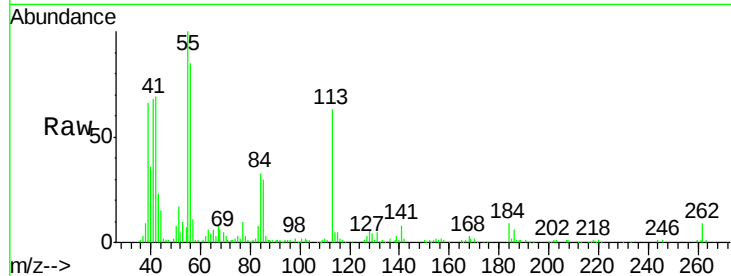
ClientSampleId :

MDL-07-S-ML

Tgt Ion:	113	Resp:	32262
Ion Ratio	Lower	Upper	
113	100		
55	157.6	121.9	182.9
56	133.9	97.4	146.0

Manual Integrations
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#33

4-Chloro-3-methylphenol

Concen: 2.90 ng/ul

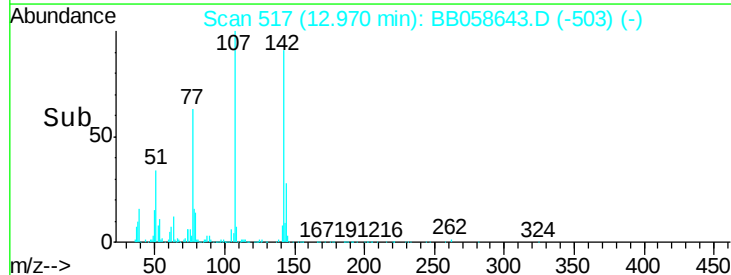
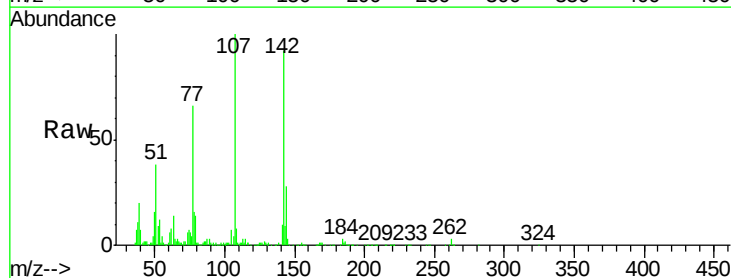
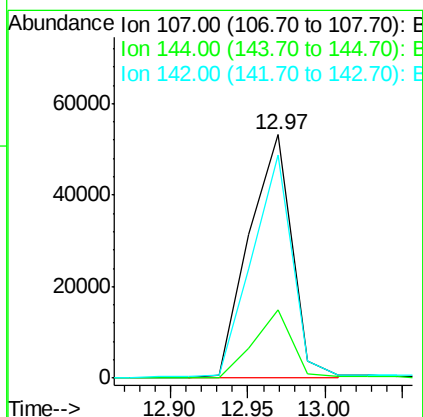
RT: 12.97 min Scan# 517

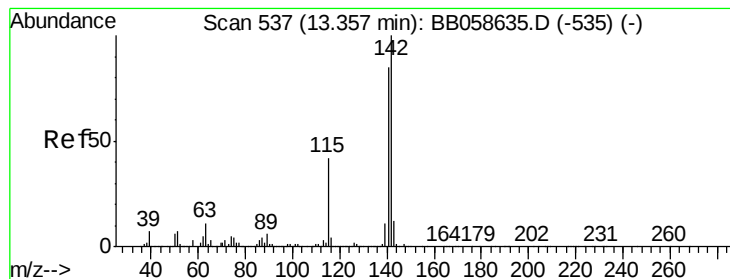
Delta R.T. -0.02 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Tgt Ion:	107	Resp:	103261
Ion Ratio	Lower	Upper	
107	100		
144	27.8	21.1	31.7
142	91.8	64.1	96.1





#34

2-Methylnaphthalene

Concen: 2.88 ng/ul

RT: 13.35 min Scan# 537

Delta R.T. -0.00 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Instrument :

BNA_B

ClientSampleId :

MDL-07-S-ML

Tgt Ion:142 Resp: 213906

Ion Ratio Lower Upper

142 100

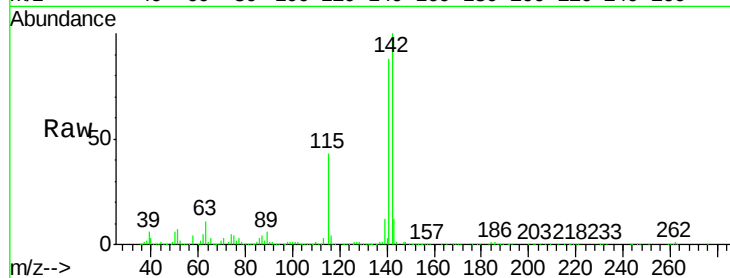
141 88.0 71.3 106.9

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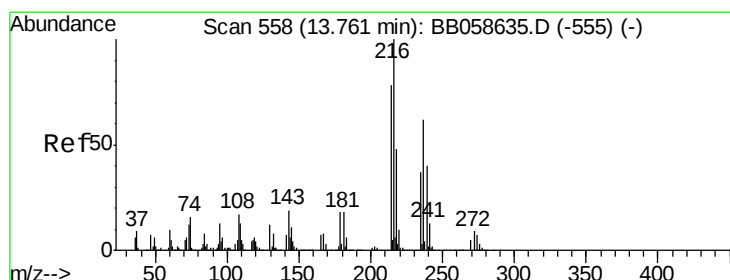
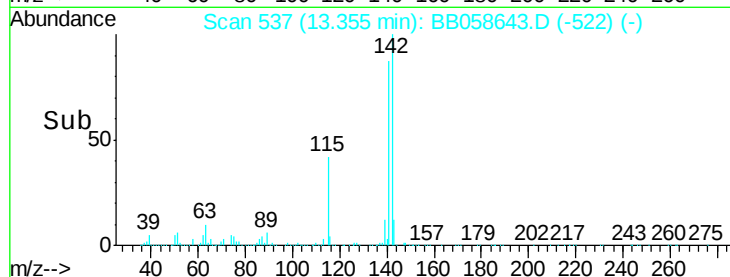
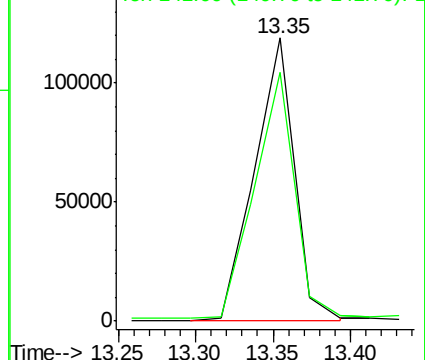
umangi

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 2.81 ng/ul

RT: 13.74 min Scan# 557

Delta R.T. -0.02 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Tgt Ion:216 Resp: 110077

Ion Ratio Lower Upper

216 100

214 78.7 64.8 97.2

179 21.2 16.7 25.1

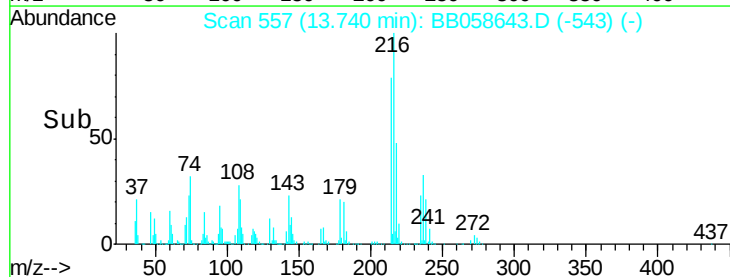
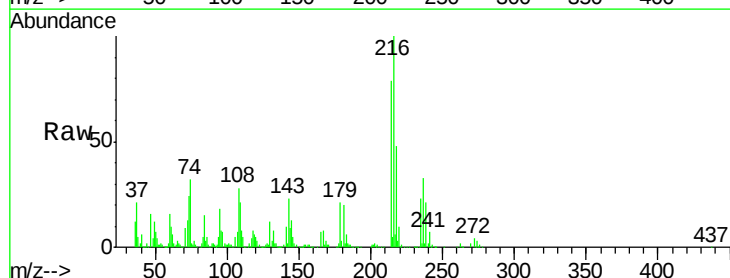
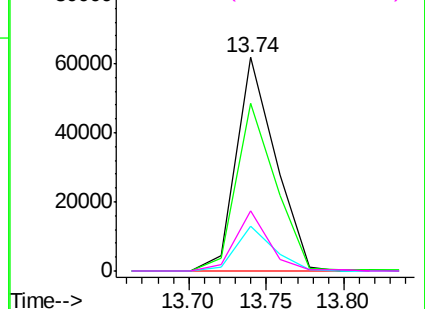
108 28.2 13.2 19.8#

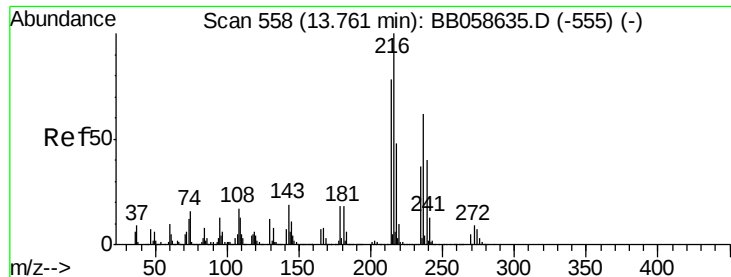
Abundance Ion 216.00 (215.70 to 216.70): E

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





#37

Hexachlorocyclopentadiene

Concen: 1.70 ng/ul

RT: 13.74 min Scan# 557

Delta R.T. -0.02 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Instrument :

BNA_B

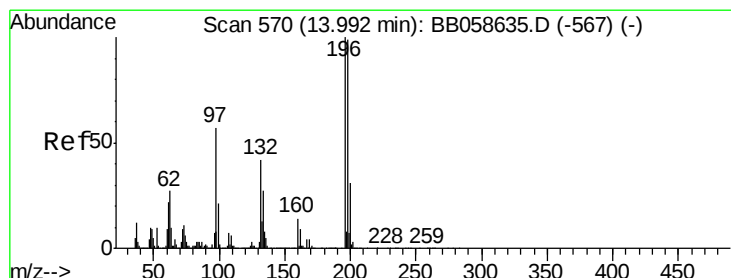
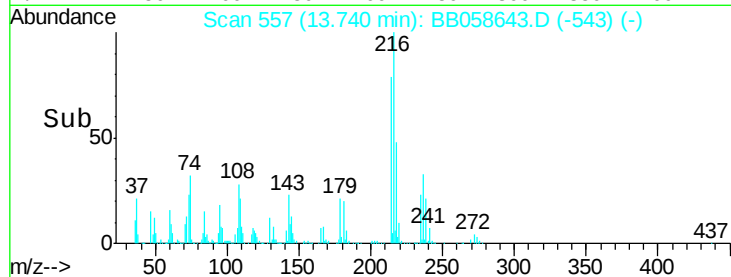
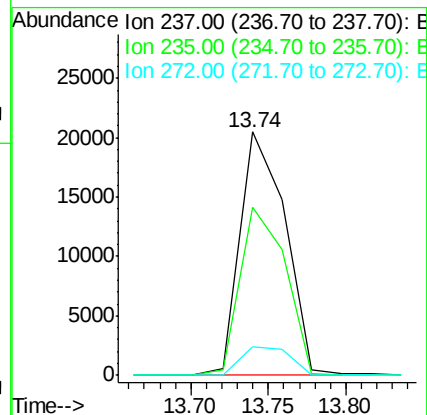
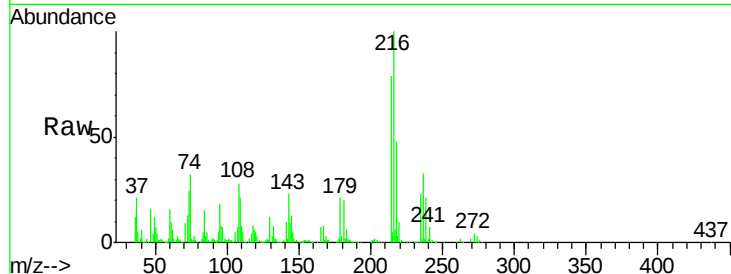
ClientSampleId :

MDL-07-S-ML

Tgt Ion:	237	Resp:	42010
Ion Ratio	Lower	Upper	
237	100		
235	69.2	49.6	74.4
272	11.8	10.4	15.6

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#38

2,4,6-Trichlorophenol

Concen: 2.66 ng/ul

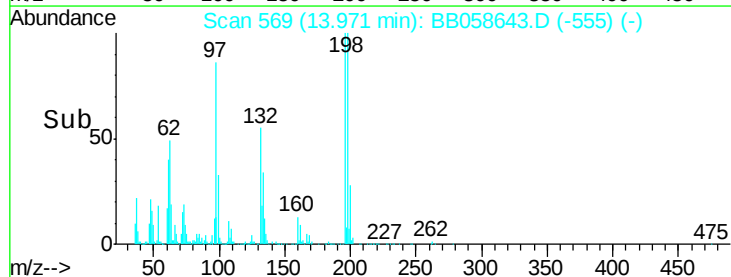
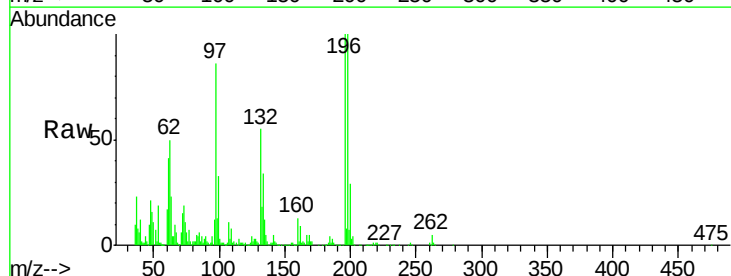
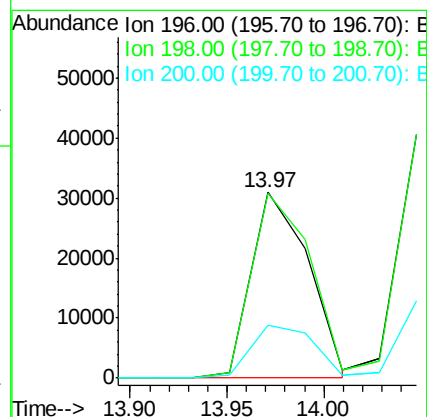
RT: 13.97 min Scan# 569

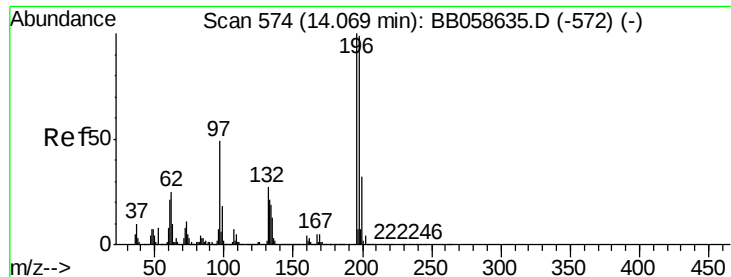
Delta R.T. -0.02 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Tgt Ion:	196	Resp:	63190
Ion Ratio	Lower	Upper	
196	100		
198	99.6	76.9	115.3
200	28.5	25.1	37.7





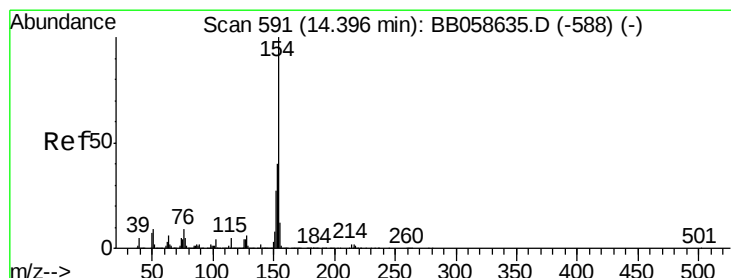
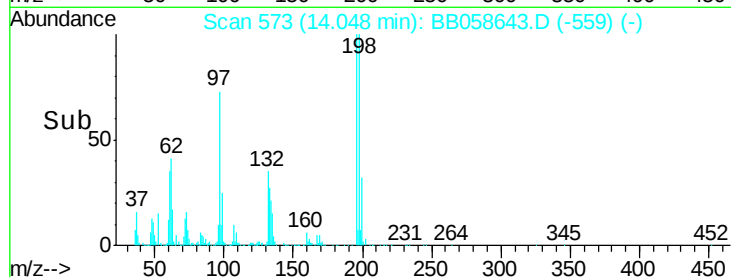
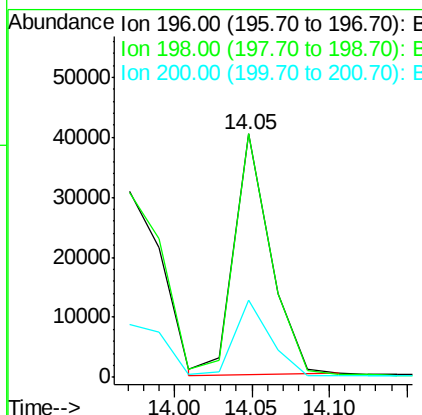
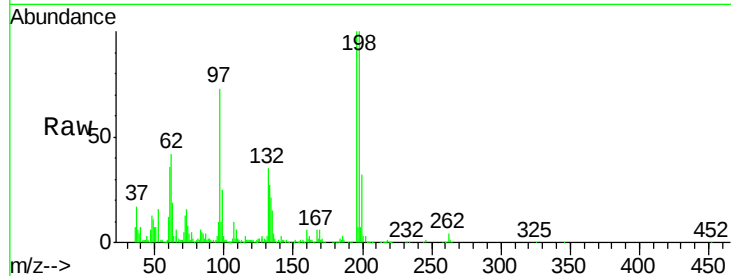
#39
 2,4,5-Trichlorophenol
 Concen: 2.61 ng/ul
 RT: 14.05 min Scan# 573
 Delta R.T. -0.02 min
 Lab File: BB058643.D
 Acq: 18 Oct 2016 16:15

Instrument :
 BNA_B
 ClientSampleId :
 MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	65904		
198	100.0	76.8	115.2	
200	31.7	27.0	40.4	

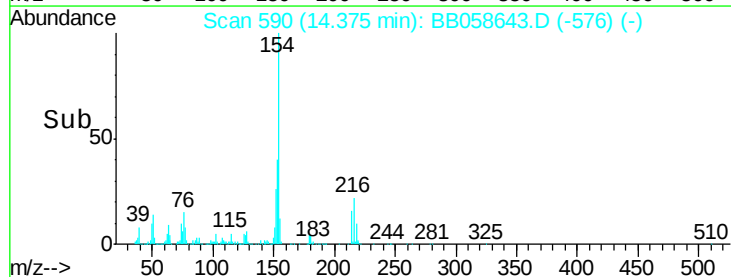
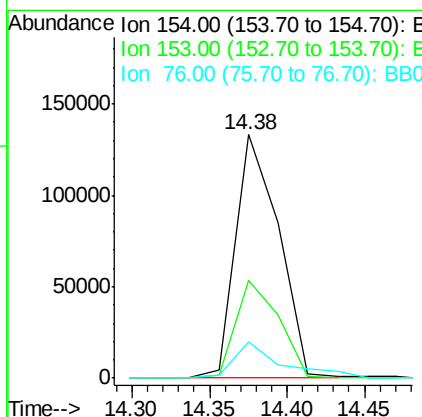
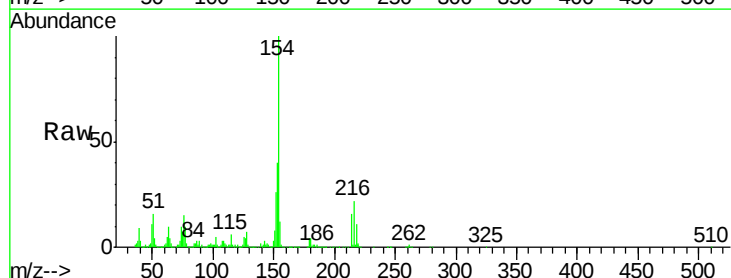
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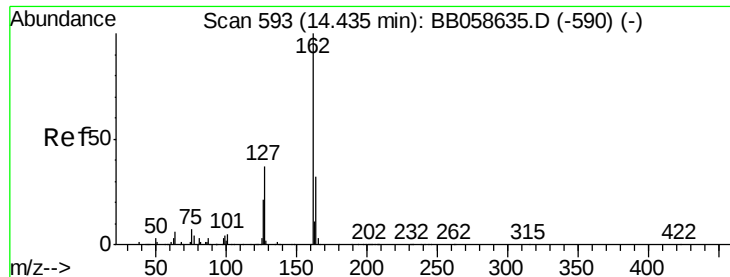
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#40
 1,1'-Biphenyl
 Concen: 3.06 ng/ul
 RT: 14.38 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BB058643.D
 Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	261796		
153	40.0	31.3	46.9	
76	15.1	10.0	15.0	





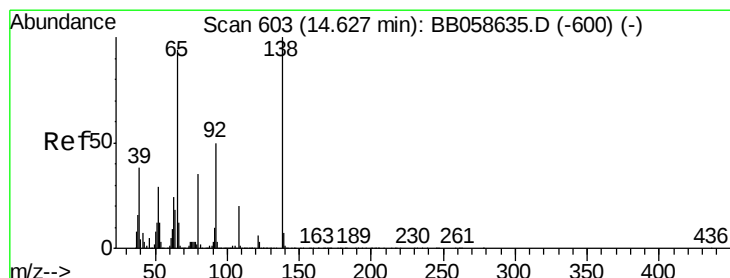
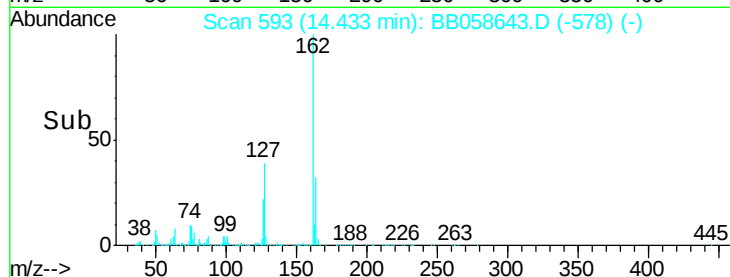
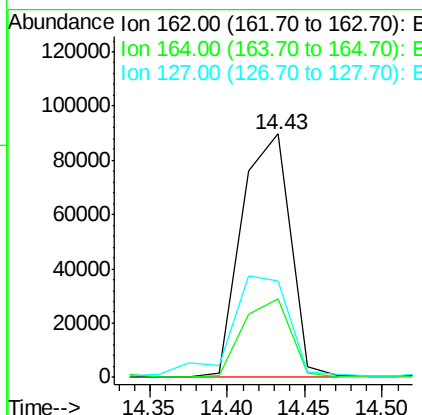
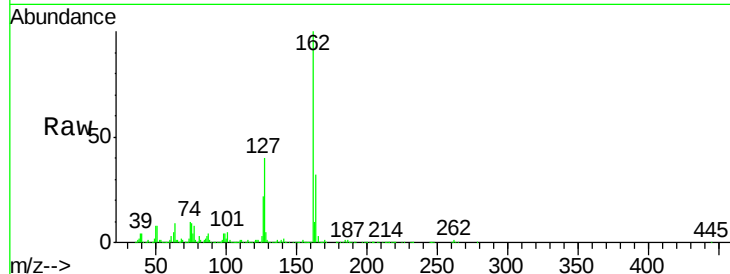
#41
2-Chloronaphthalene
Concen: 2.92 ng/ul
RT: 14.43 min Scan# 593
Delta R.T. -0.00 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Instrument :
BNA_B
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	32.5	26.9	40.3
127	39.6	31.2	46.8

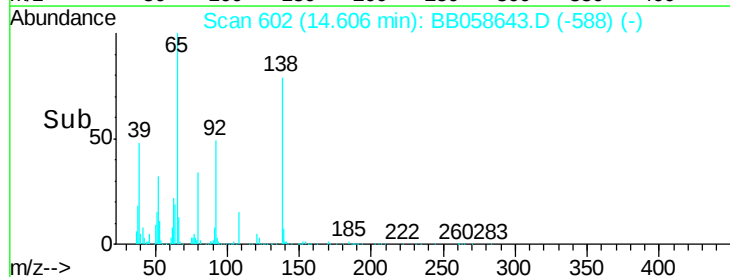
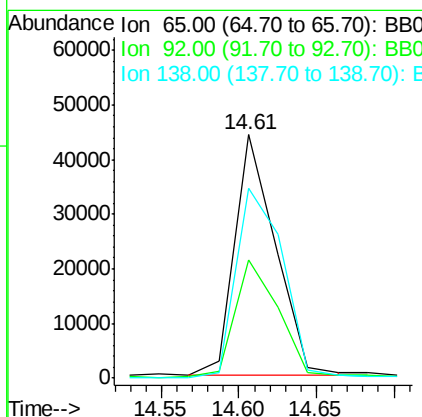
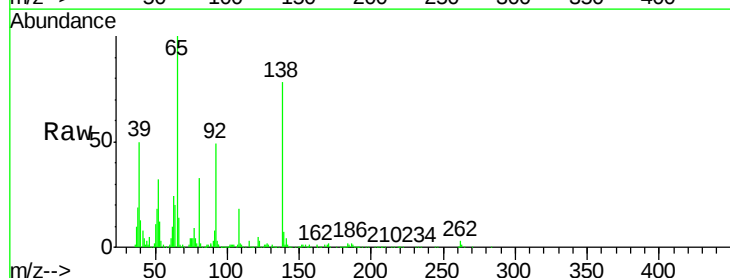
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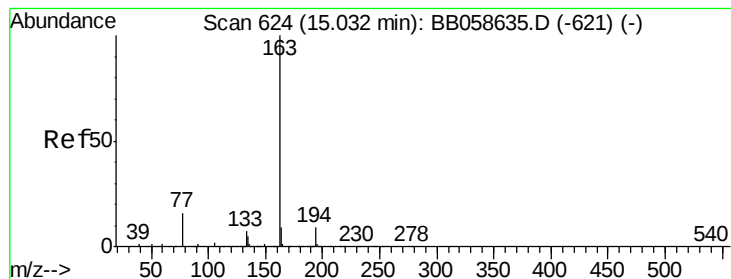
umangi
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#42
2-Nitroaniline
Concen: 3.10 ng/ul
RT: 14.61 min Scan# 602
Delta R.T. -0.02 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	48.8	55.6	83.4#
138	78.0	81.3	121.9#





#44

Dimethylphthalate

Concen: 2.97 ng/ul

RT: 15.01 min Scan# 623

Delta R.T. -0.02 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Instrument :

BNA_B

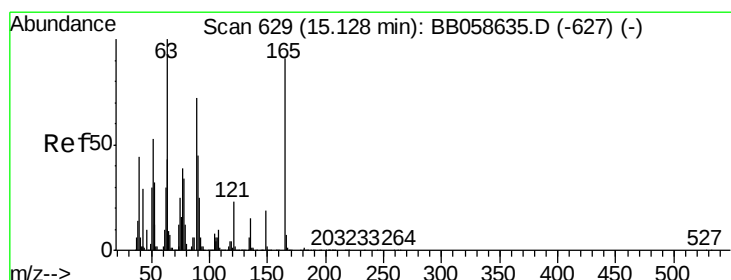
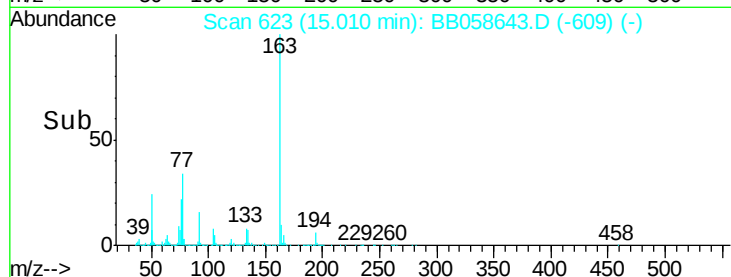
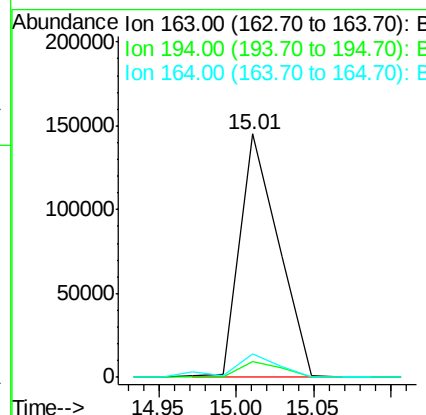
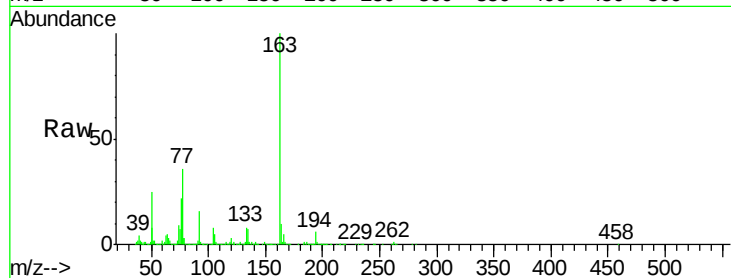
ClientSampleId :

MDL-07-S-ML

Tgt Ion:	163	Resp:	252133
Ion Ratio	Lower	Upper	
163	100		
194	6.4	3.4	5.2#
164	9.6	7.8	11.8

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#45

2,6-Dinitrotoluene

Concen: 2.84 ng/ul

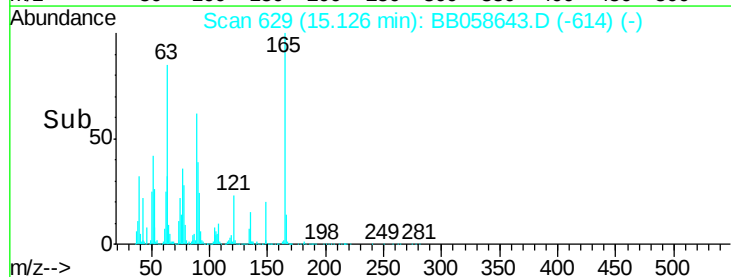
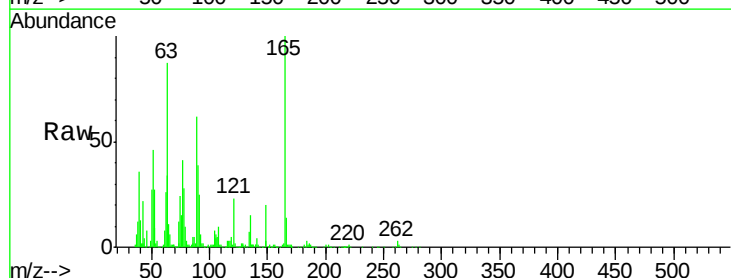
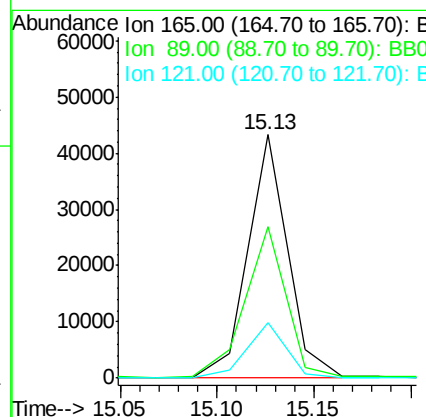
RT: 15.13 min Scan# 629

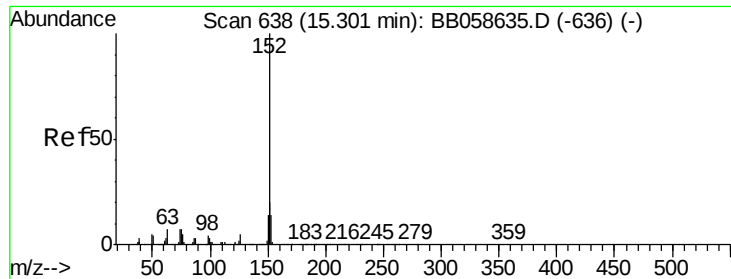
Delta R.T. -0.00 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Tgt Ion:	165	Resp:	60910
Ion Ratio	Lower	Upper	
165	100		
89	62.2	46.6	69.8
121	22.9	16.0	24.0





#47

Acenaphthylene

Concen: 3.37 ng/ul

RT: 15.30 min Scan# 638

Delta R.T. -0.00 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Instrument :

BNA_B

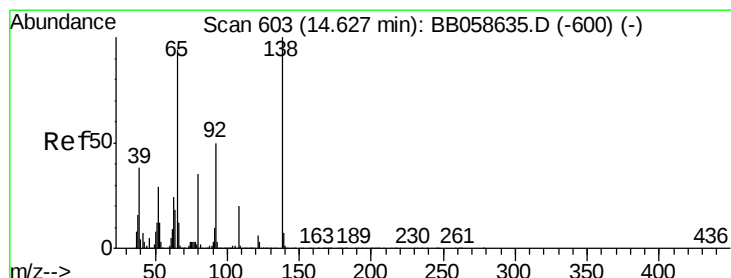
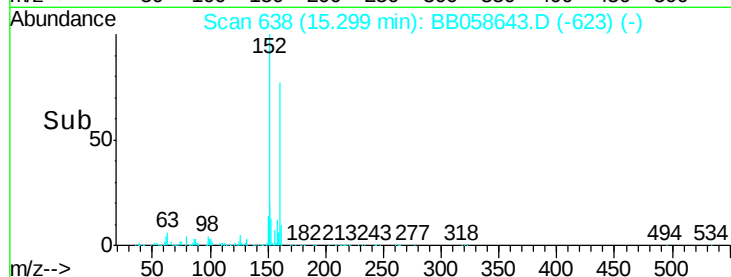
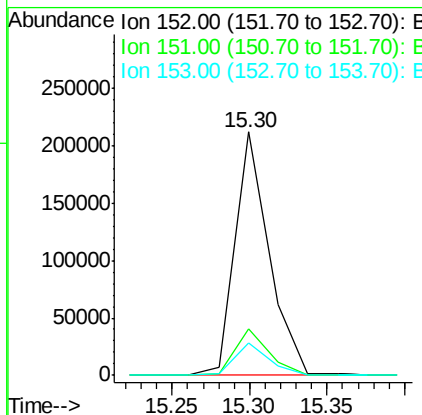
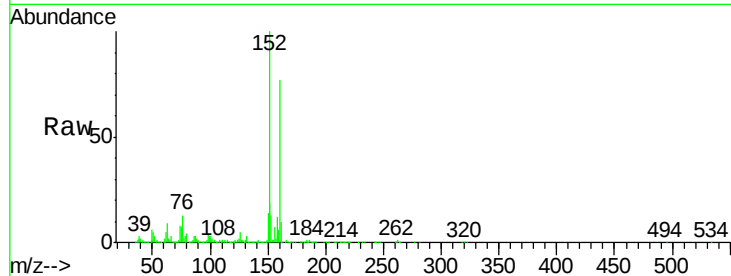
ClientSampleId :

MDL-07-S-ML

Tgt Ion:	152	Resp:	326681
Ion Ratio	Lower	Upper	
152	100		
151	19.1	16.0	24.0
153	13.2	11.0	16.6

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#48

3-Nitroaniline

Concen: 2.62 ng/ul

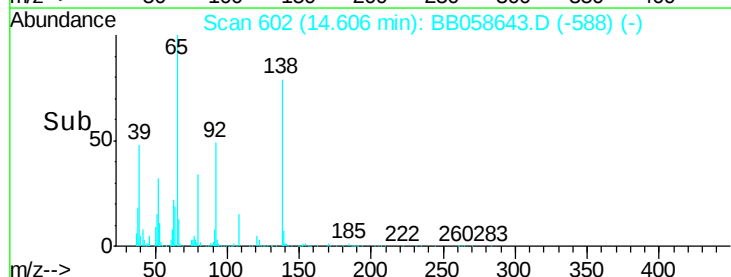
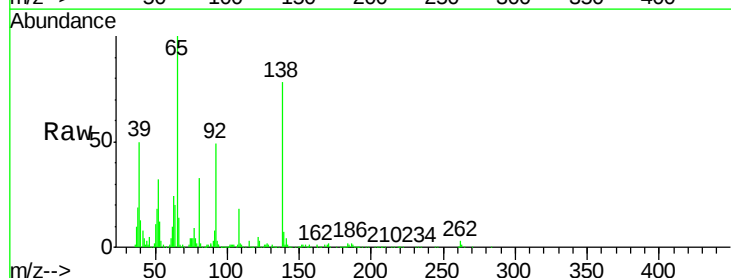
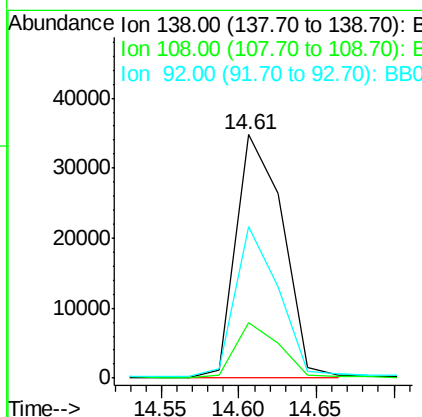
RT: 14.61 min Scan# 602

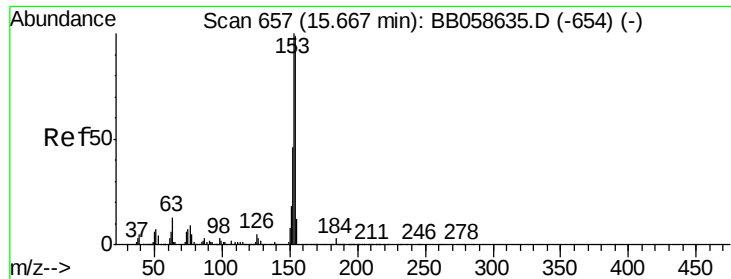
Delta R.T. -0.02 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Tgt Ion:	138	Resp:	73525
Ion Ratio	Lower	Upper	
138	100		
108	22.9	9.4	14.0#
92	62.5	96.6	145.0#





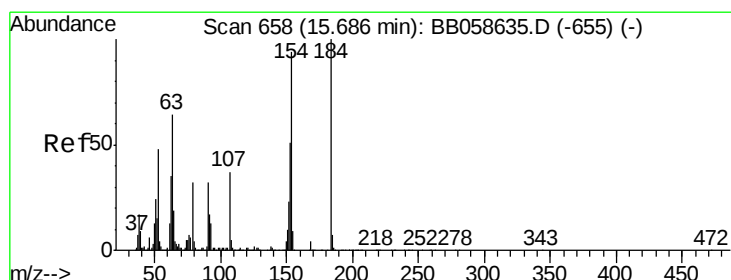
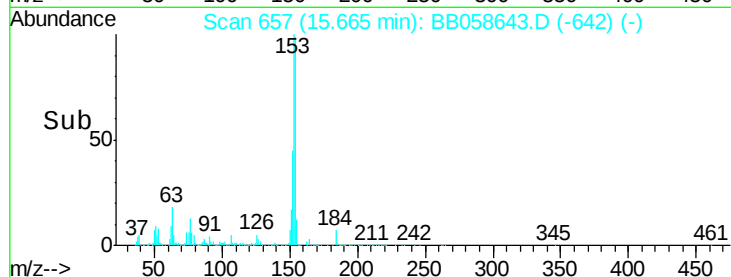
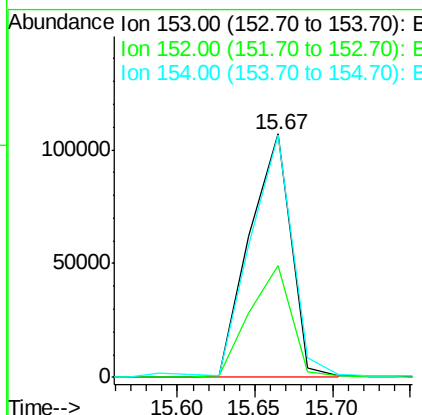
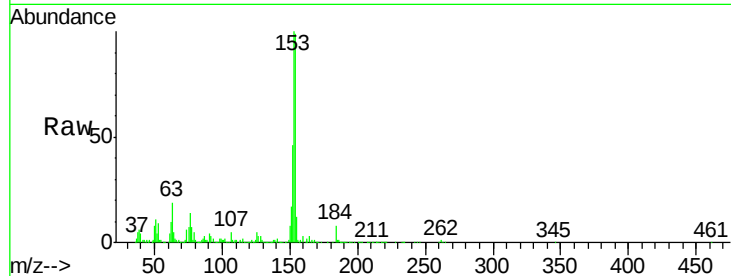
#49
Acenaphthene
Concen: 3.01 ng/ul
RT: 15.67 min Scan# 657
Delta R.T. -0.00 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Instrument :
BNA_B
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	200672		
152	45.9		37.8	56.6
154	99.5		71.4	107.0

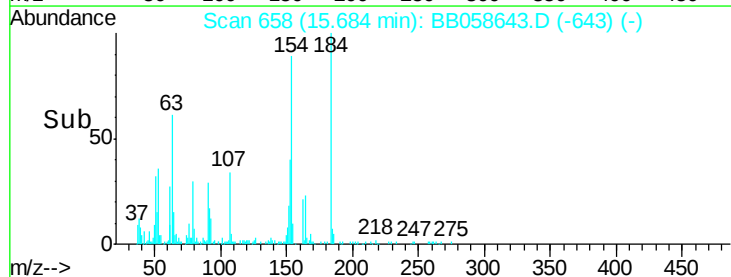
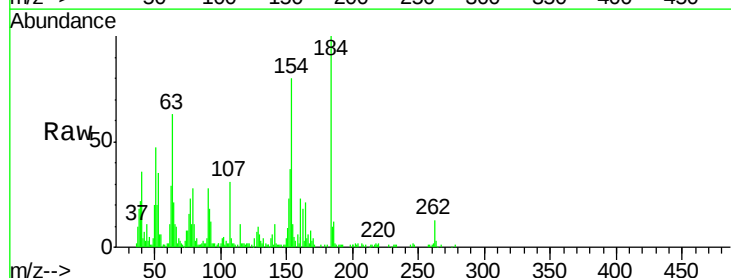
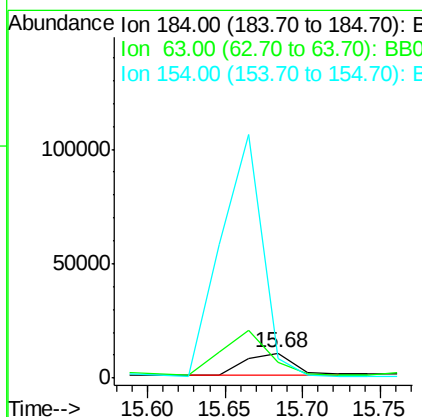
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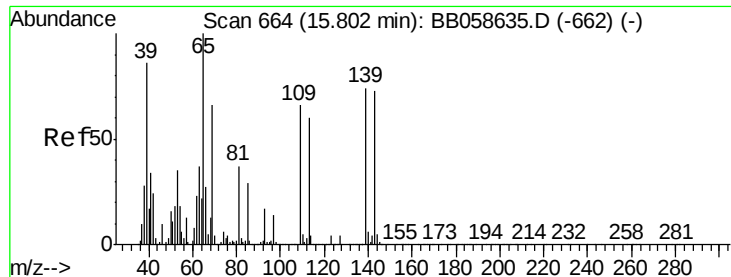
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#50
2,4-Dinitrophenol
Concen: 1.44 ng/ul
RT: 15.68 min Scan# 658
Delta R.T. -0.00 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	22048		
63	63.4		43.4	65.0
154	79.9		48.2	72.4#





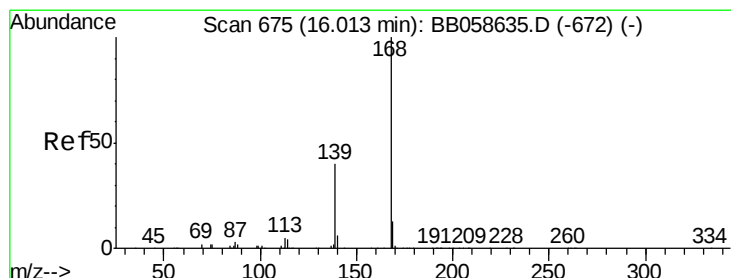
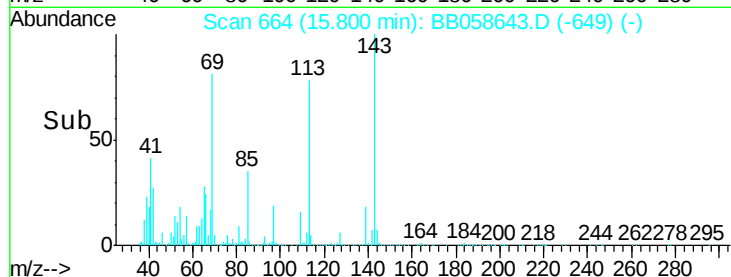
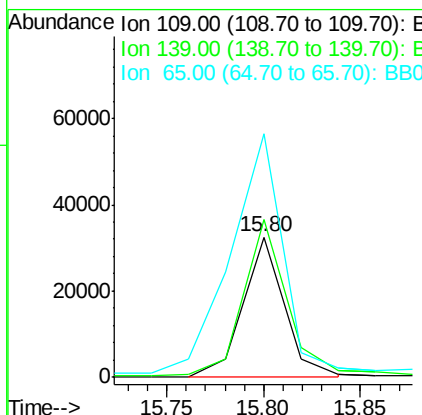
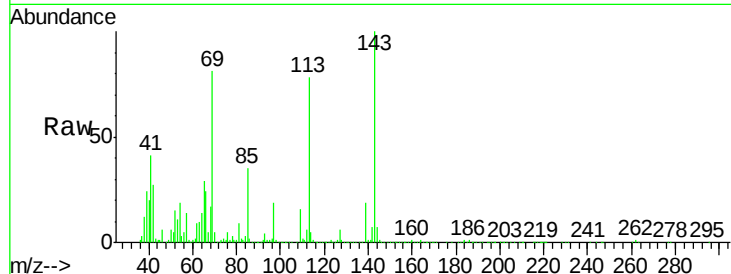
#52
4-Nitrophenol
Concen: 2.98 ng/ul
RT: 15.80 min Scan# 664
Delta R.T. -0.00 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Instrument :
BNA_B
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	47246		
139	112.4	88.7	133.1	
65	173.9	96.4	144.6	

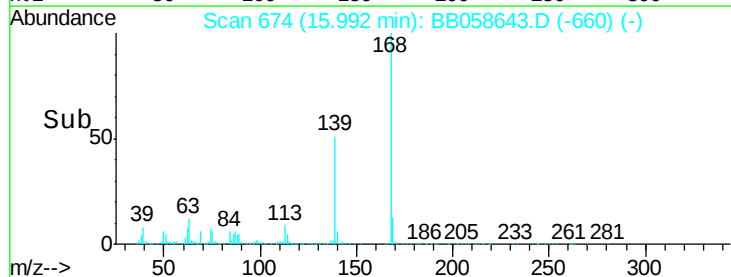
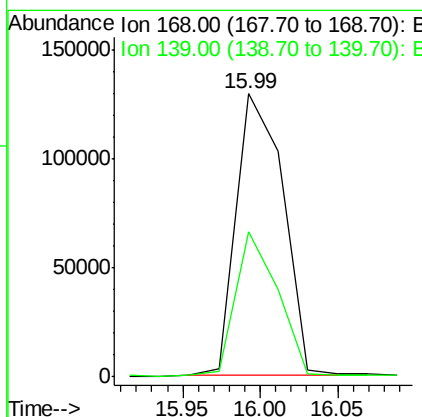
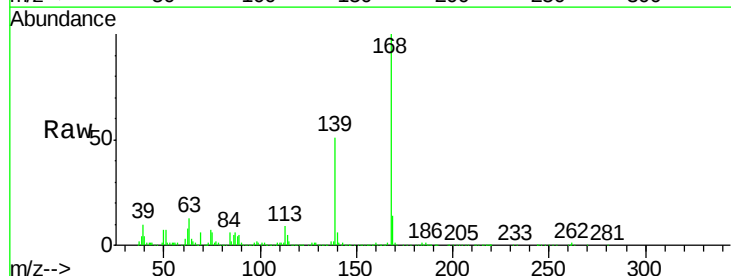
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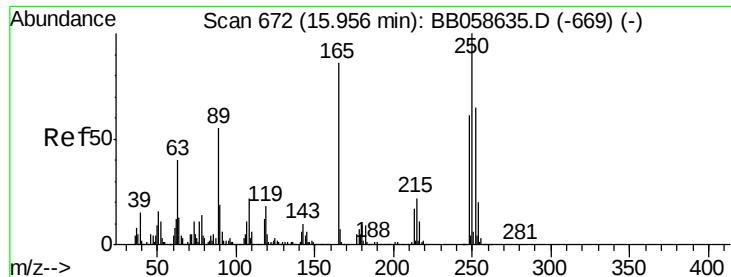
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#53
Dibenzofuran
Concen: 2.91 ng/ul
RT: 15.99 min Scan# 674
Delta R.T. -0.02 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	275604		
139	51.5	30.1	45.1	





#54

2,4-Dinitrotoluene

Concen: 2.66 ng/ul

RT: 15.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Instrument :

BNA_B

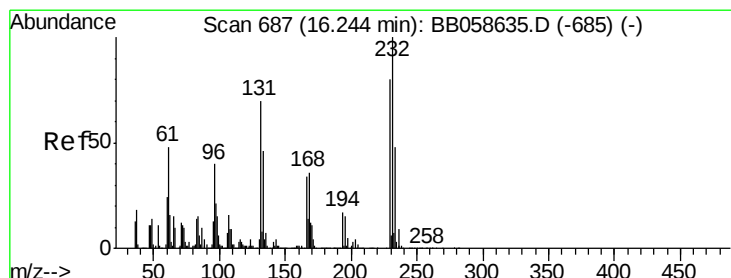
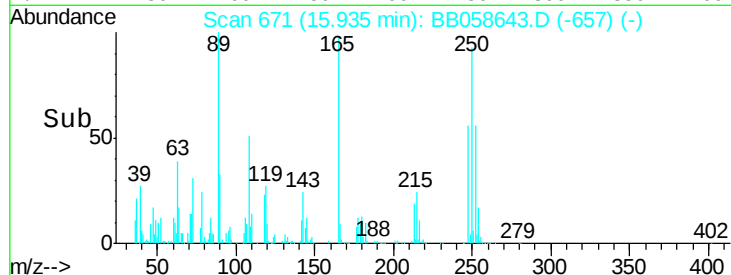
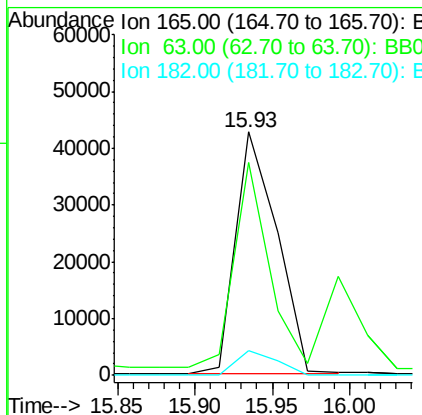
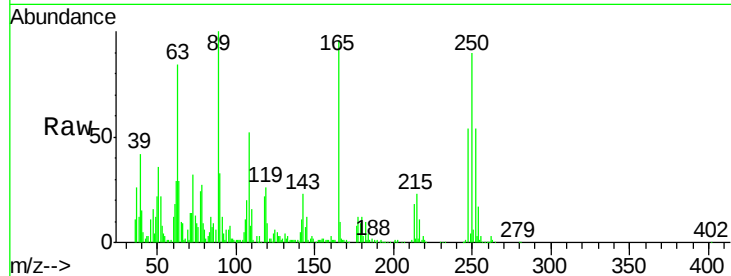
ClientSampleId :

MDL-07-S-ML

Tgt Ion:	165	Resp:	79611
Ion Ratio	Lower	Upper	
165	100		
63	87.7	36.2	54.2#
182	10.2	2.2	3.4#

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#55

2,3,4,6-Tetrachlorophenol

Concen: 2.53 ng/ul

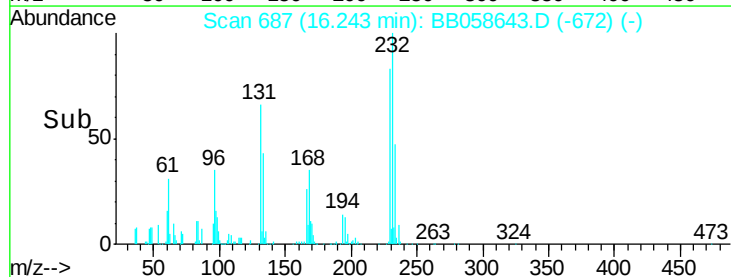
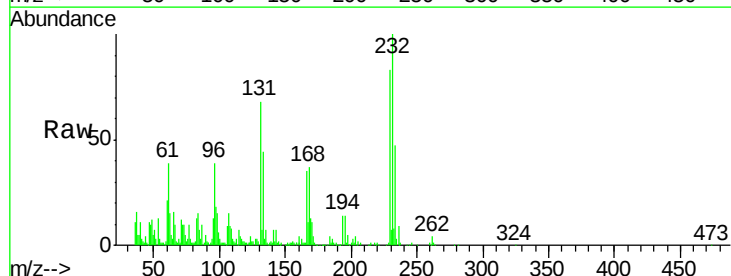
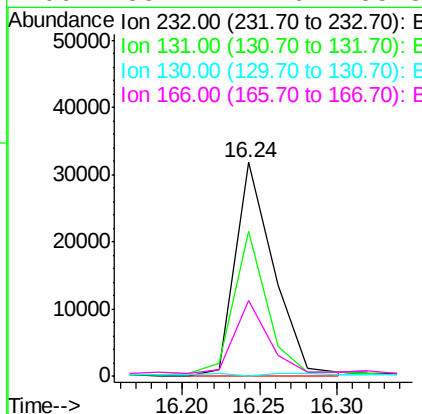
RT: 16.24 min Scan# 687

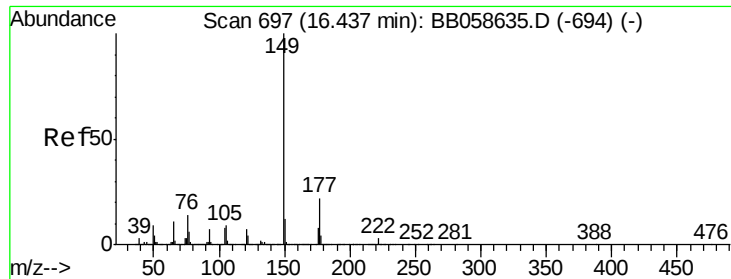
Delta R.T. -0.00 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Tgt Ion:	232	Resp:	55795
Ion Ratio	Lower	Upper	
232	100		
131	67.6	31.4	47.0#
130	0.0	1.6	2.4#
166	35.1	22.6	33.8#





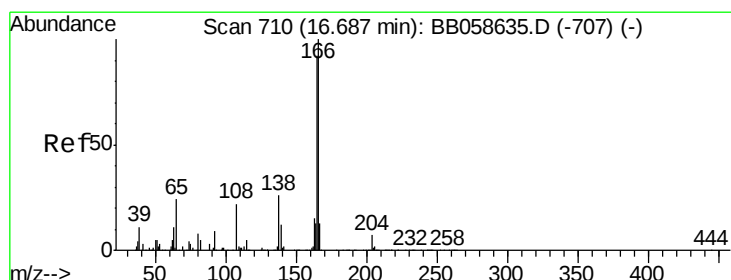
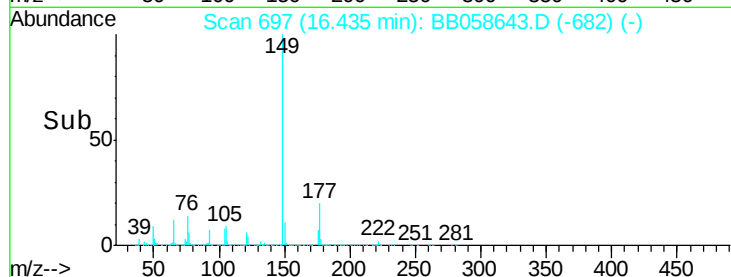
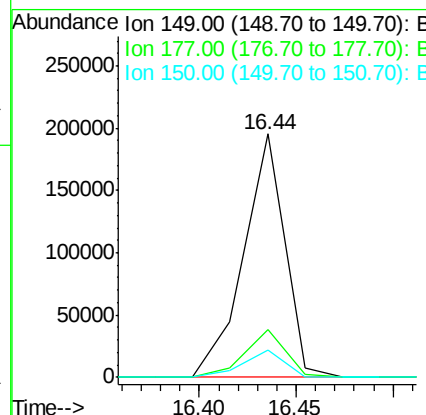
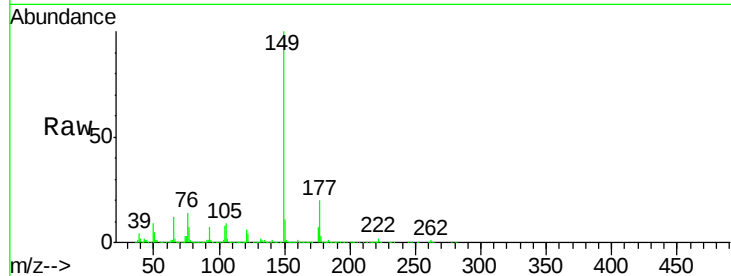
#56
Diethylphthalate
Concen: 3.24 ng/ul
RT: 16.44 min Scan# 697
Delta R.T. -0.00 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Instrument :
BNA_B
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	19.6	18.6	28.0
150	11.2	10.0	15.0

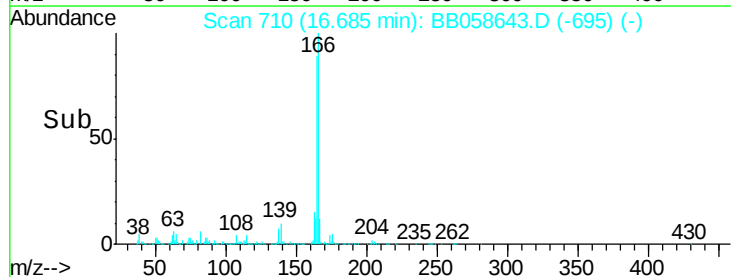
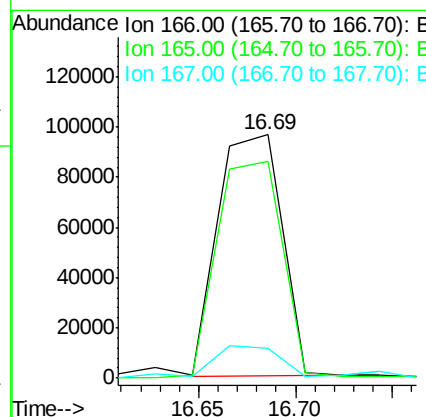
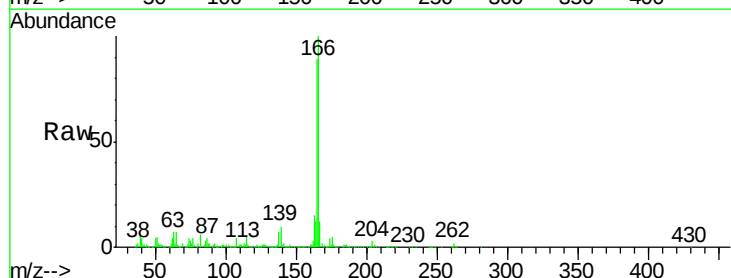
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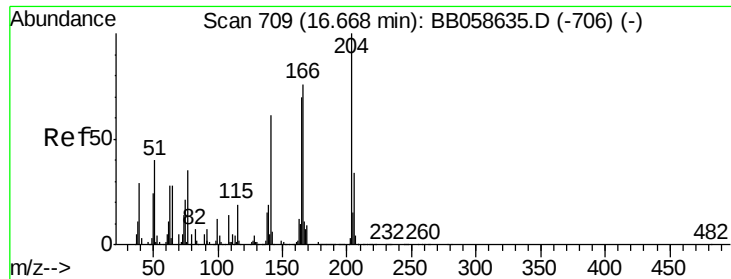
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#58
Fluorene
Concen: 2.83 ng/ul
RT: 16.69 min Scan# 710
Delta R.T. -0.00 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	88.9	79.9	119.9
167	12.1	10.5	15.7





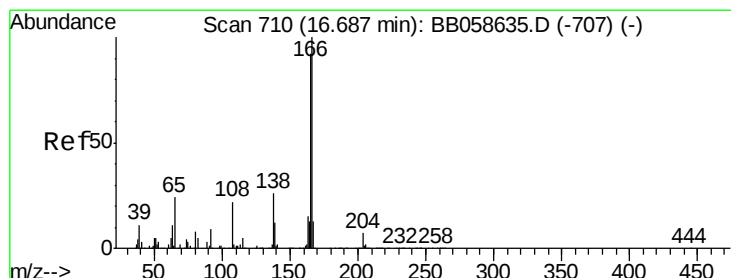
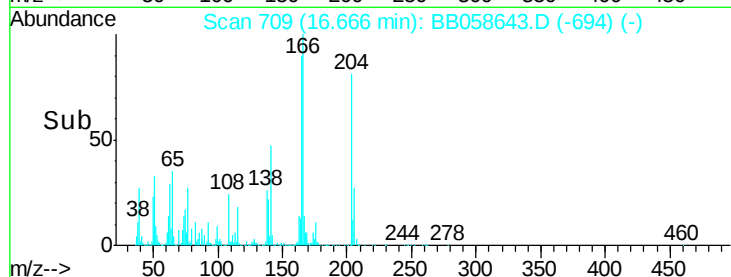
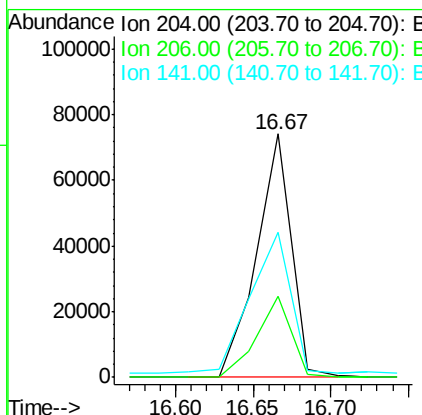
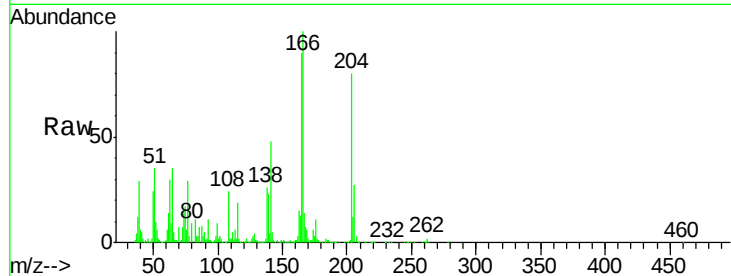
#59
 4-Chlorophenyl-phenylether
 Concen: 2.81 ng/ul
 RT: 16.67 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BB058643.D
 Acq: 18 Oct 2016 16:15

Instrument :
 BNA_B
 ClientSampleId :
 MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	116608		
206	33.5	25.9	38.9	
141	59.6	46.1	69.1	

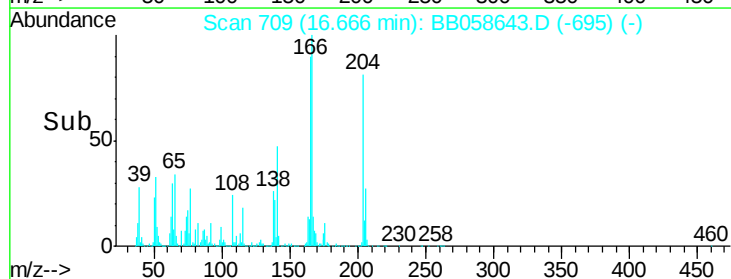
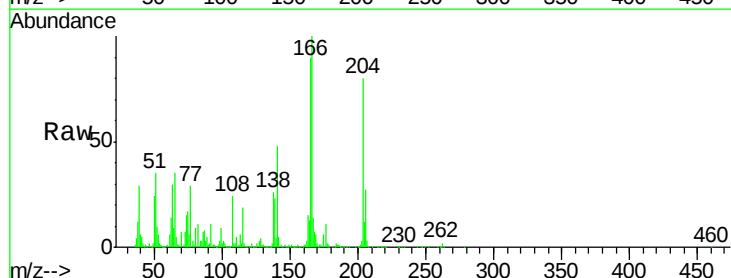
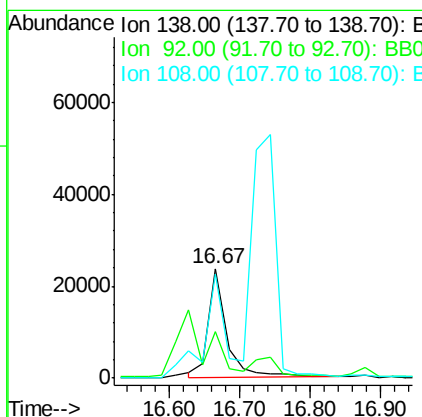
Manual Integrations
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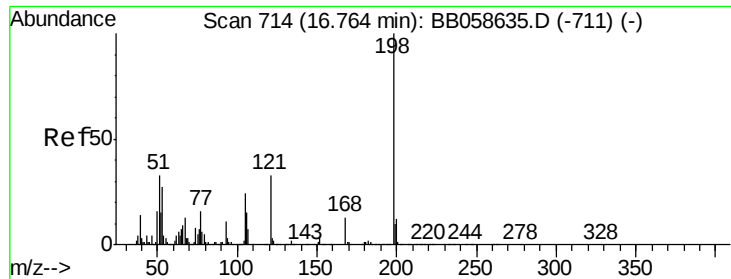
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#60
 4-Nitroaniline
 Concen: 1.93 ng/ul
 RT: 16.67 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BB058643.D
 Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	42656		
92	42.8	43.5	65.3#	
108	94.4	80.3	120.5	





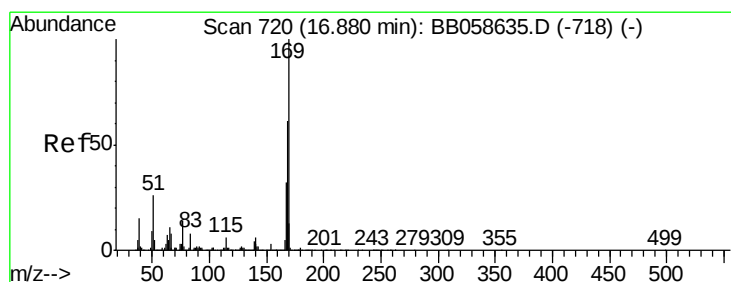
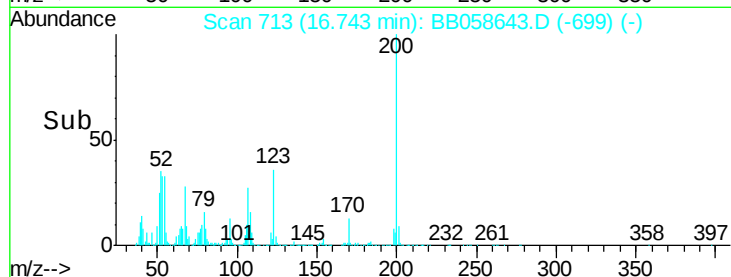
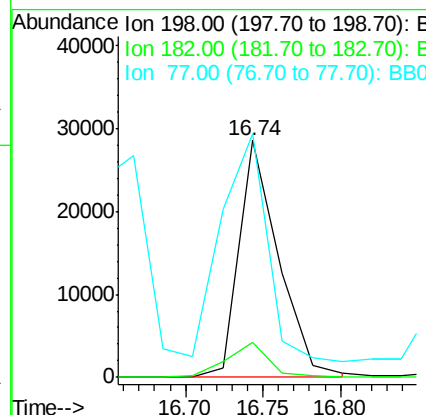
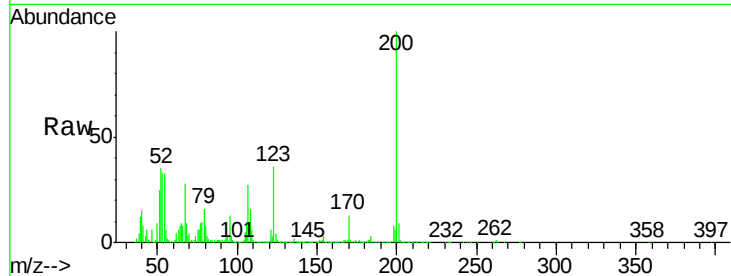
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.30 ng/ul
 RT: 16.74 min Scan# 713
 Delta R.T. -0.02 min
 Lab File: BB058643.D
 Acq: 18 Oct 2016 16:15

Instrument :
 BNA_B
 ClientSampleId :
 MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	50792		
182	14.9	3.3	4.9#	
77	102.8	21.8	32.6#	

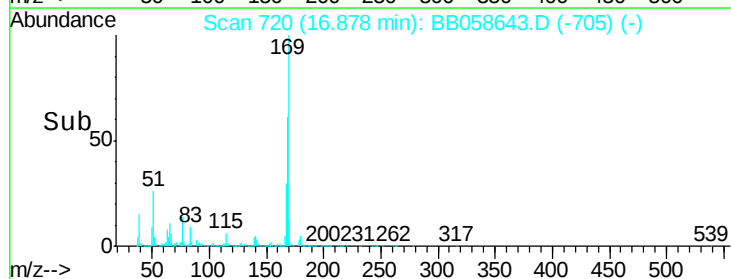
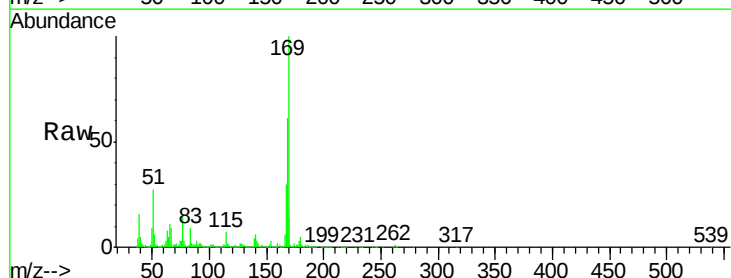
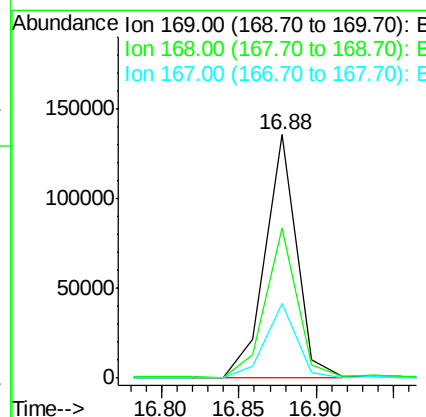
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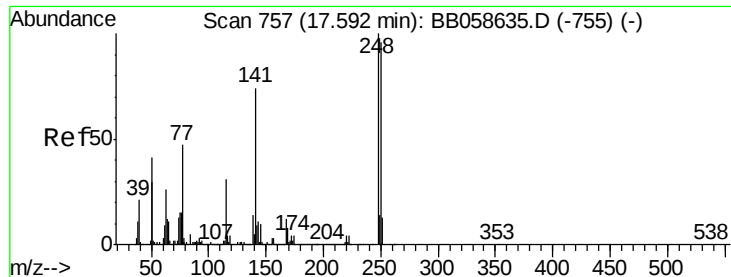
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#64
 N-Nitrosodiphenylamine
 Concen: 2.88 ng/ul
 RT: 16.88 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BB058643.D
 Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	193617		
168	61.5	52.6	79.0	
167	30.5	28.6	43.0	





#65

4-Bromophenyl-phenylether

Concen: 2.61 ng/ul

RT: 17.59 min Scan# 757

Delta R.T. -0.00 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Instrument :

BNA_B

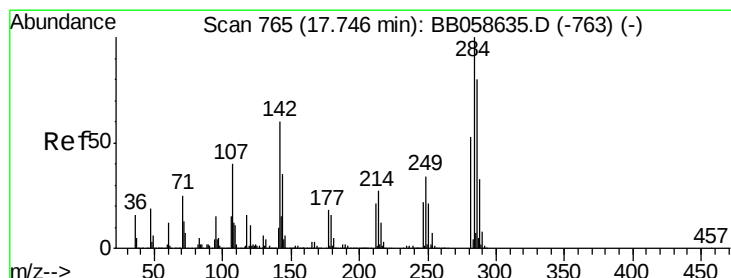
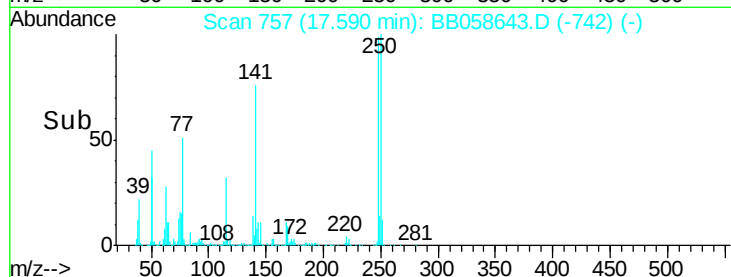
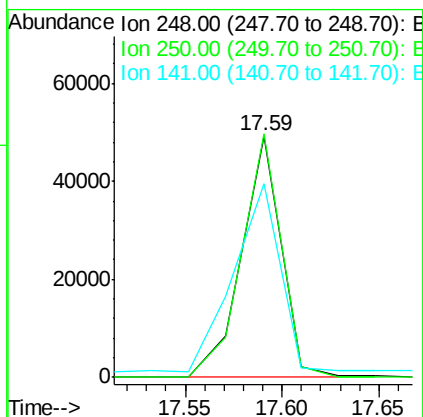
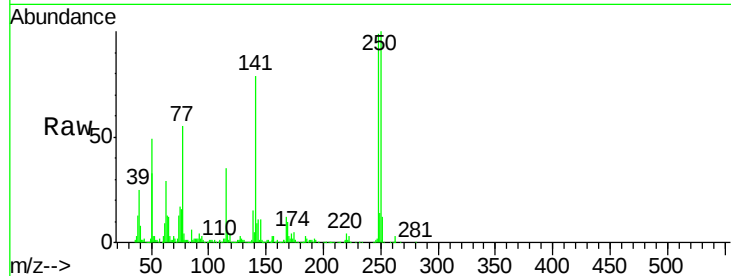
ClientSampleId :

MDL-07-S-ML

Tgt Ion:	248	Resp:	69708
Ion Ratio	Lower	Upper	
248	100		
250	100.8	79.7	119.5
141	80.0	58.3	87.5

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#66

Hexachlorobenzene

Concen: 2.62 ng/ul

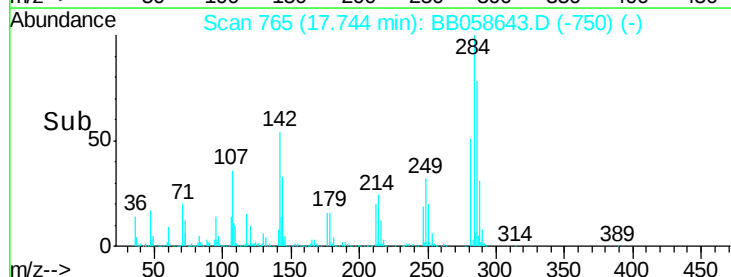
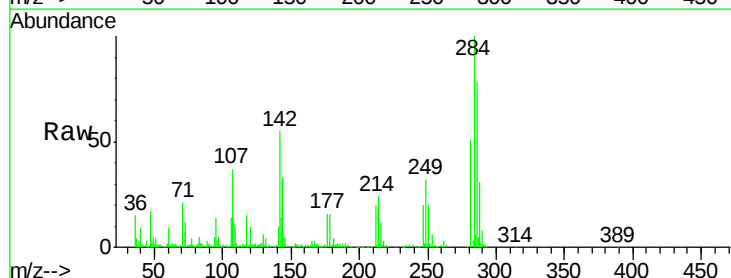
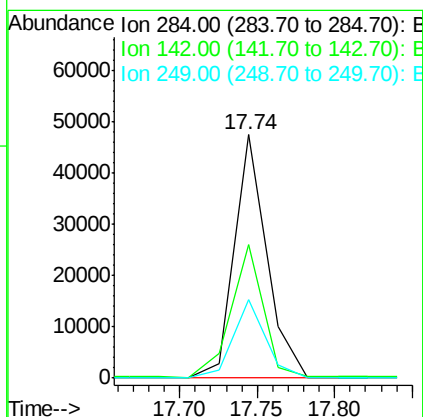
RT: 17.74 min Scan# 765

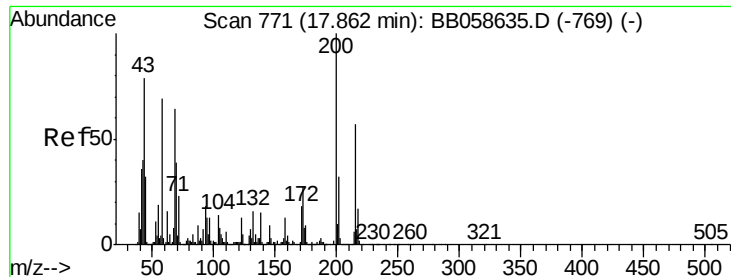
Delta R.T. -0.00 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Tgt Ion:	284	Resp:	69998
Ion Ratio	Lower	Upper	
284	100		
142	51.9	24.9	37.3#
249	32.5	25.5	38.3





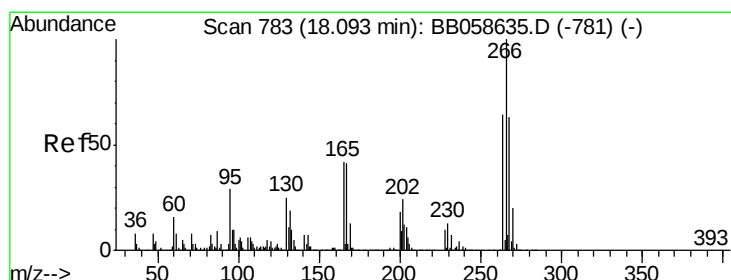
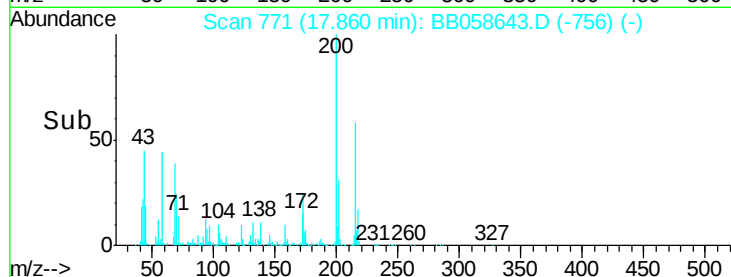
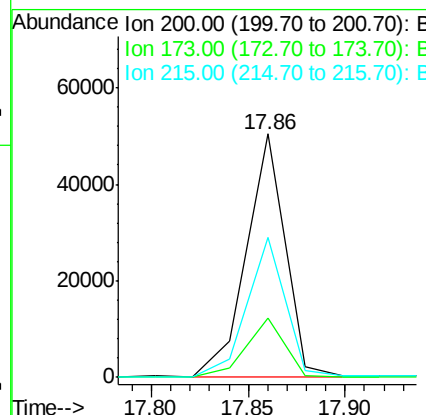
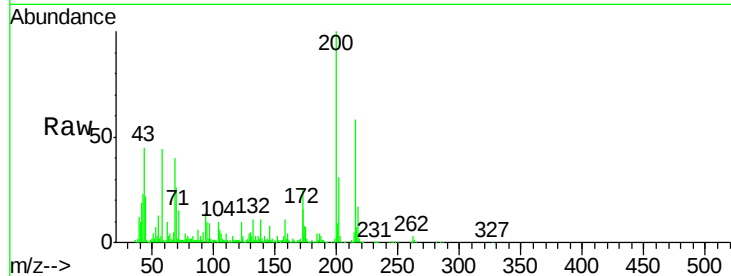
#67
Atrazine
Concen: 2.71 ng/ul
RT: 17.86 min Scan# 771
Delta R.T. -0.00 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Instrument :
BNA_B
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.6	18.9	28.3
215	57.7	39.5	59.3

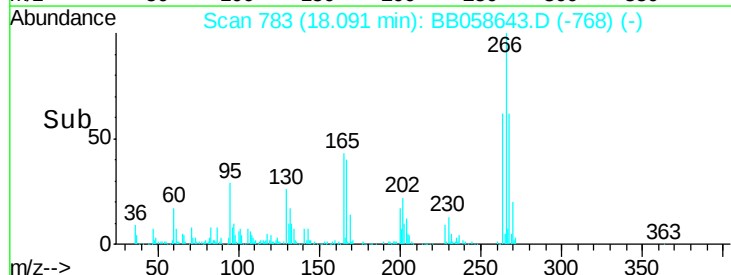
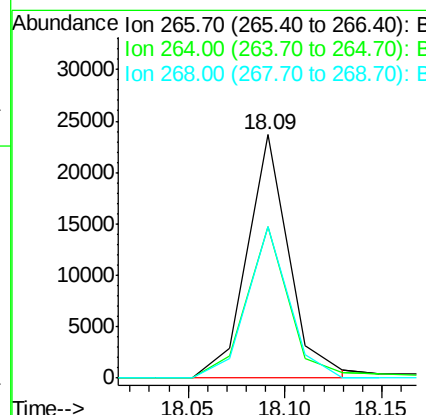
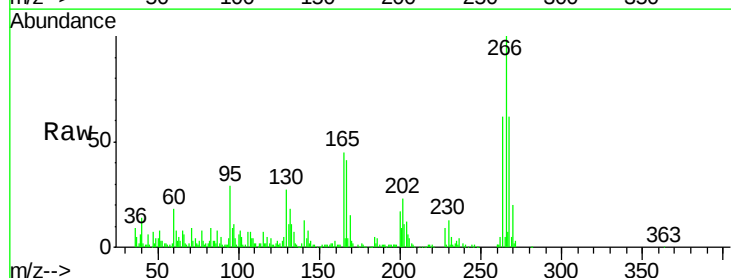
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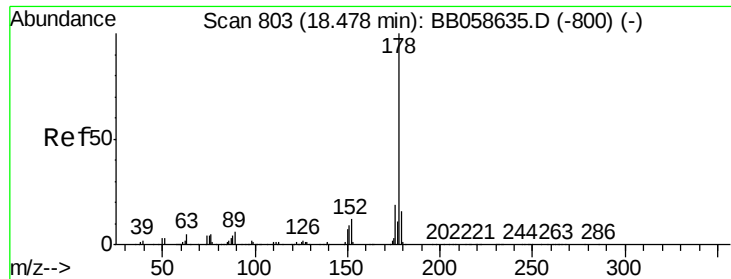
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#68
Pentachlorophenol
Concen: 1.86 ng/ul
RT: 18.09 min Scan# 783
Delta R.T. -0.00 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	62.4	50.6	75.8
268	62.4	51.0	76.6





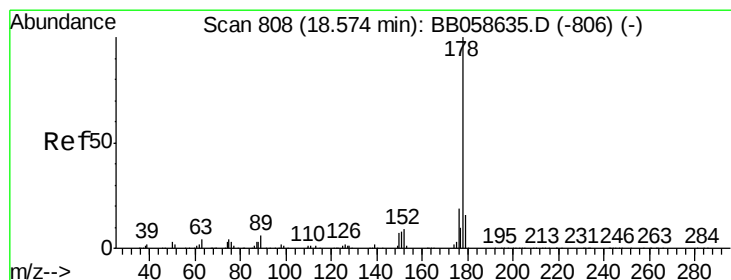
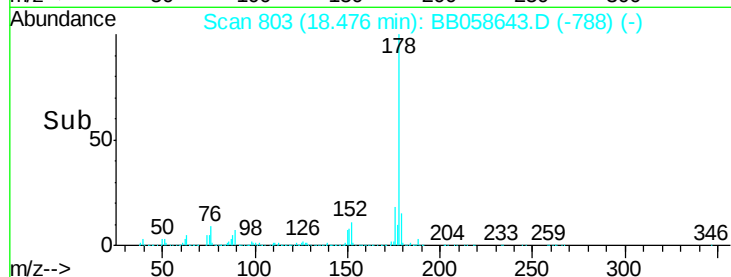
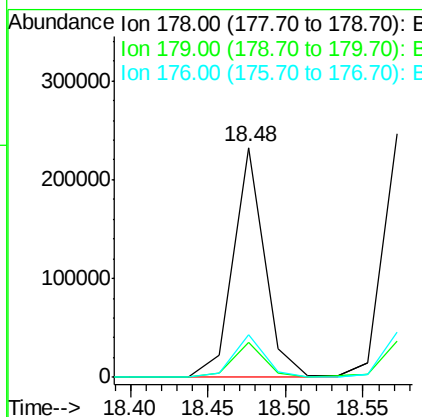
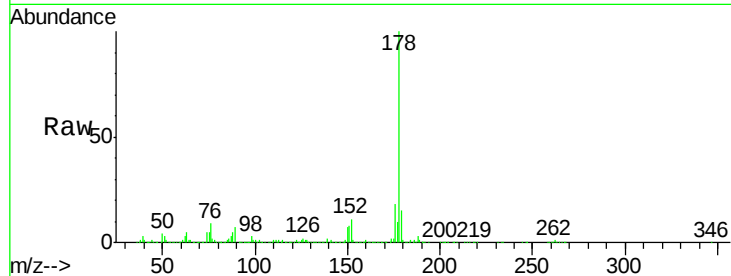
#69
Phenanthrene
Concen: 3.16 ng/ul
RT: 18.48 min Scan# 803
Delta R.T. -0.00 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Instrument :
BNA_B
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.3	15.1	22.7

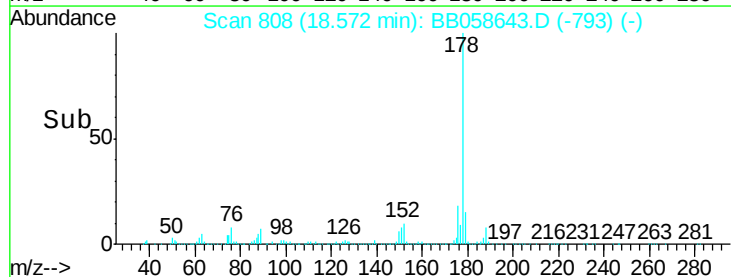
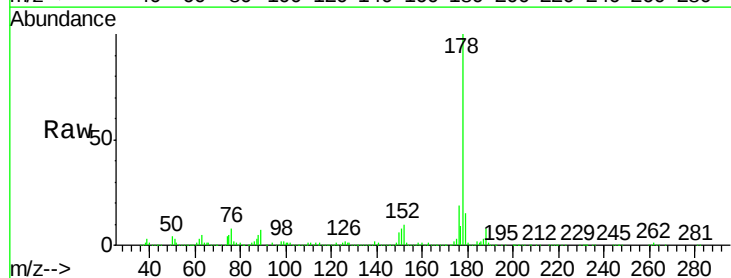
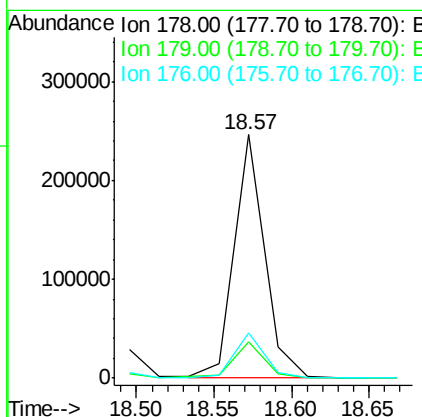
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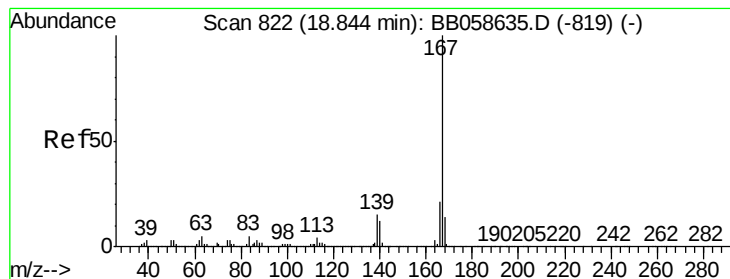
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#71
Anthracene
Concen: 3.18 ng/ul
RT: 18.57 min Scan# 808
Delta R.T. -0.00 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.1	18.1
176	18.5	14.5	21.7





#72

Carbazole

Concen: 3.03 ng/ul

RT: 18.84 min Scan# 822

Delta R.T. -0.00 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Instrument :

BNA_B

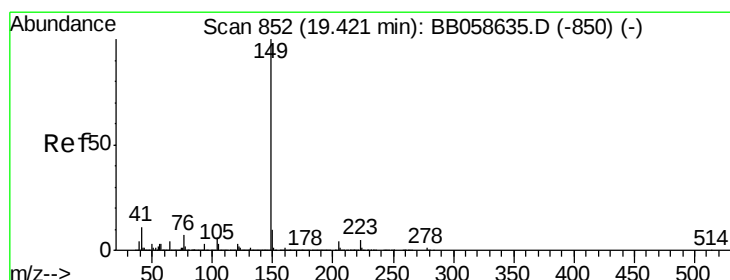
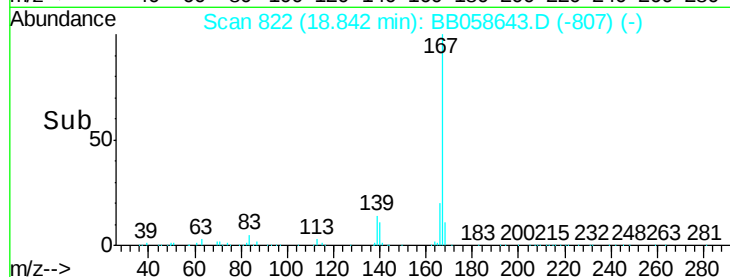
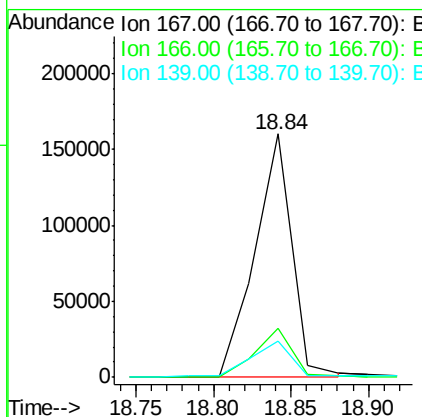
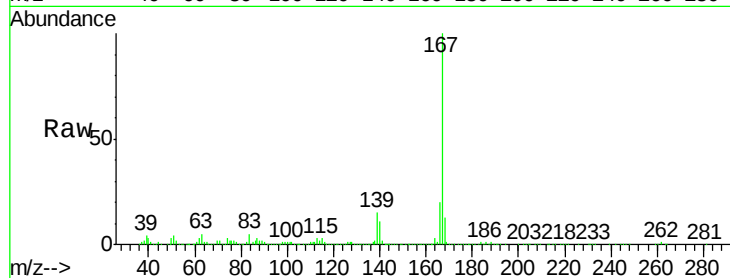
ClientSampleId :

MDL-07-S-ML

Tgt Ion:	167	Resp:	268590
Ion Ratio	Lower	Upper	
167	100		
166	20.0	16.6	25.0
139	14.8	10.2	15.4

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#73

Di-n-butylphthalate

Concen: 3.49 ng/ul

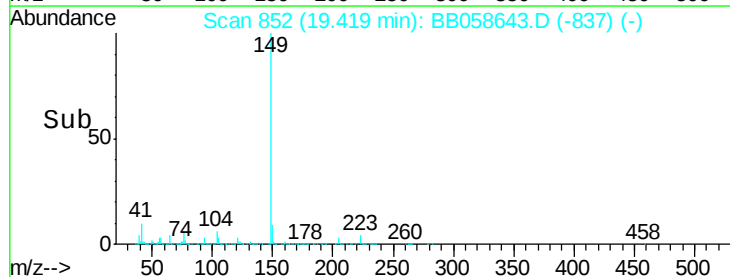
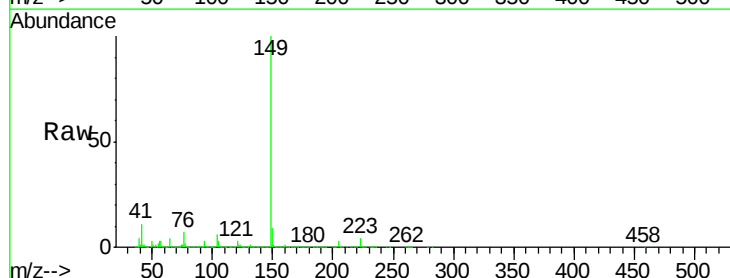
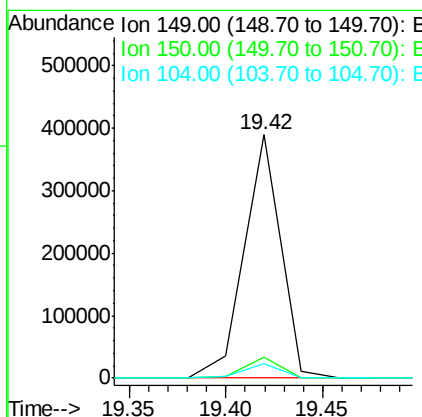
RT: 19.42 min Scan# 852

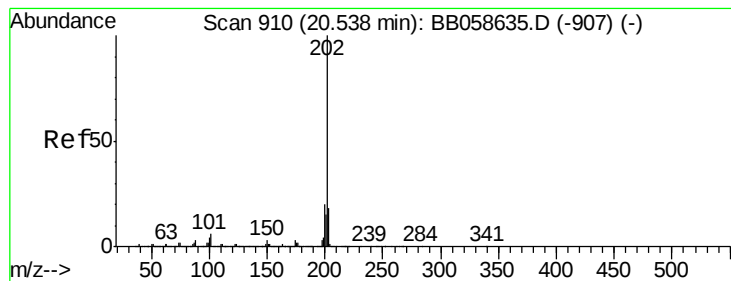
Delta R.T. -0.00 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Tgt Ion:	149	Resp:	505020
Ion Ratio	Lower	Upper	
149	100		
150	8.7	7.6	11.4
104	5.9	4.6	7.0





#74

Fluoranthene

Concen: 3.06 ng/ul

RT: 20.54 min Scan# 910

Delta R.T. -0.00 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Instrument :

BNA_B

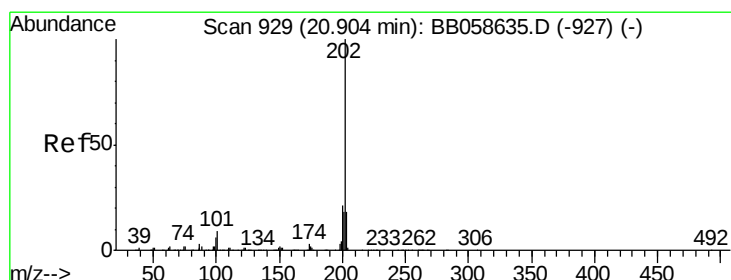
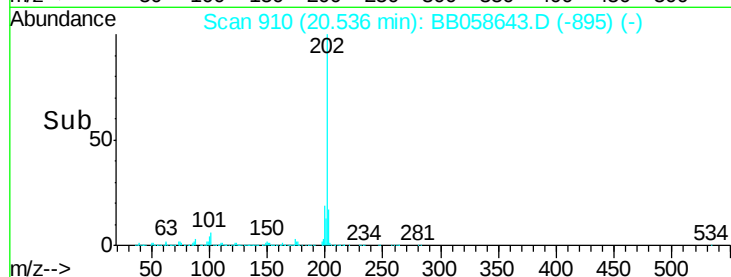
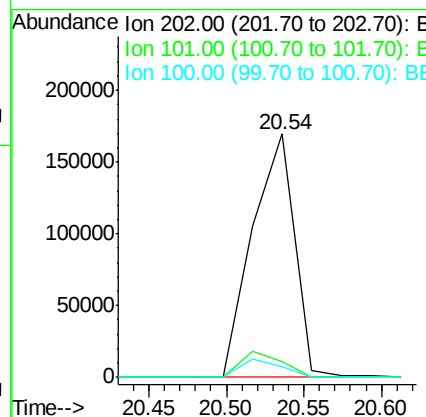
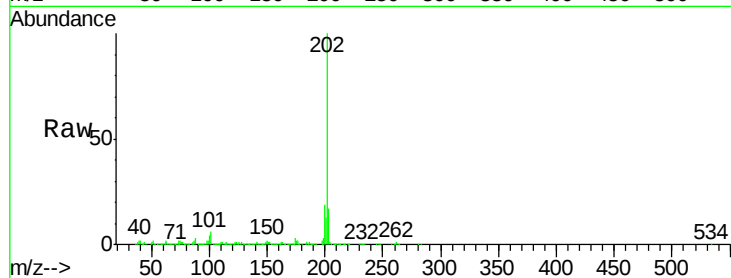
ClientSampleId :

MDL-07-S-ML

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		323425		
101	6.4	6.9	10.3#		
100	4.5	5.4	8.0#		

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#77

Pyrene

Concen: 3.58 ng/ul

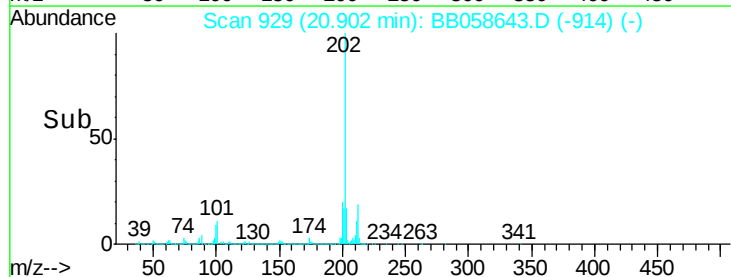
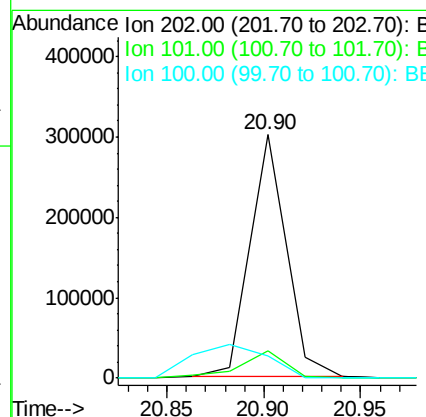
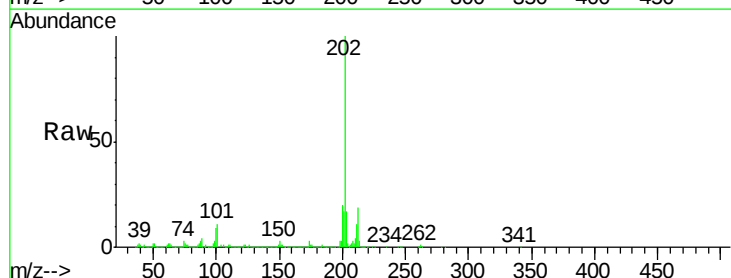
RT: 20.90 min Scan# 929

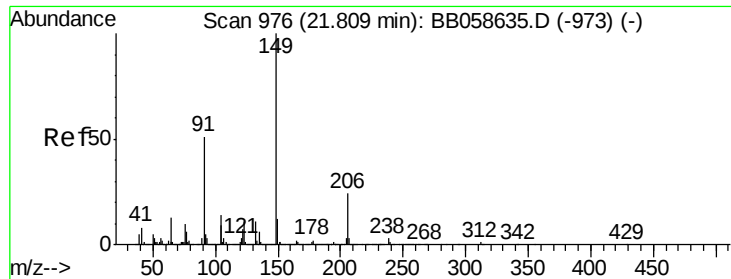
Delta R.T. -0.00 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		390667		
101	11.3	8.4	12.6		
100	9.0	6.9	10.3		





#78

Butylbenzylphthalate

Concen: 2.66 ng/ul

RT: 21.81 min Scan# 976

Delta R.T. -0.00 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Instrument :

BNA_B

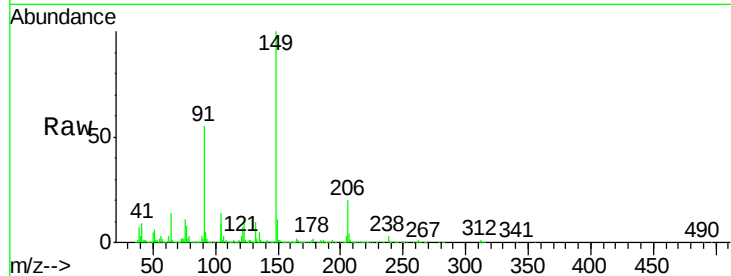
ClientSampleId :

MDL-07-S-ML

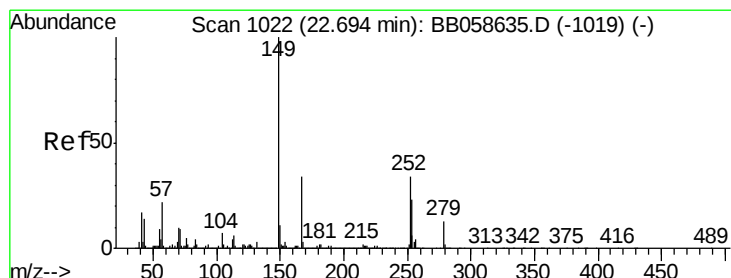
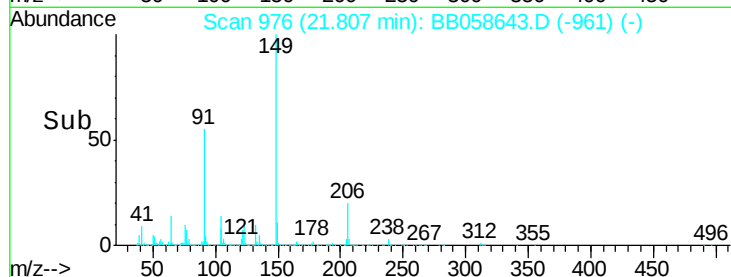
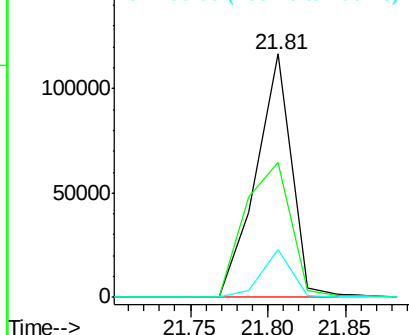
Tgt Ion:	149	Resp:	188361
Ion Ratio	Lower	Upper	
149	100		
91	55.4	57.3	85.9#
206	19.8	18.6	27.8

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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: 1.44 ng/ul

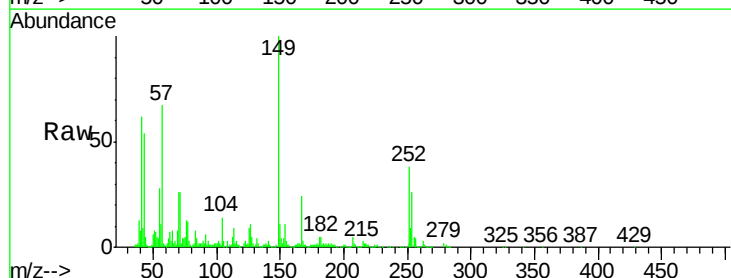
RT: 22.67 min Scan# 1021

Delta R.T. -0.02 min

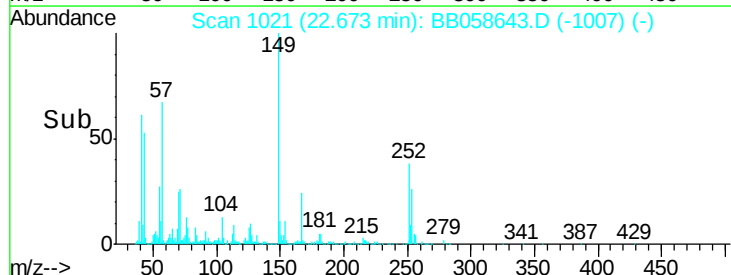
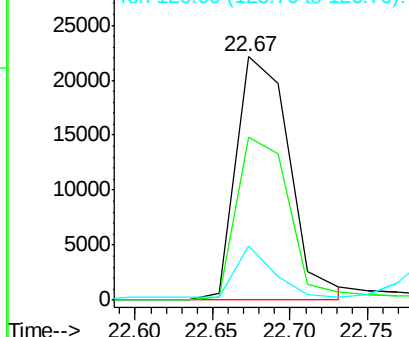
Lab File: BB058643.D

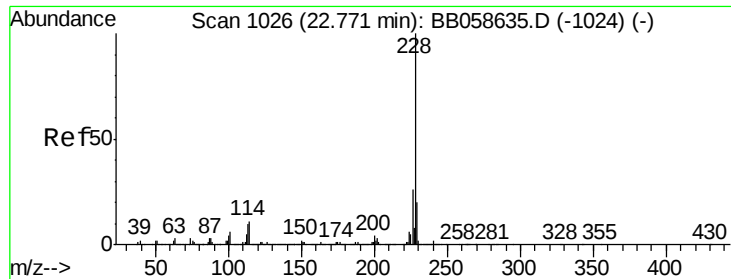
Acq: 18 Oct 2016 16:15

Tgt Ion:	252	Resp:	53032
Ion Ratio	Lower	Upper	
252	100		
254	67.2	51.0	76.4
126	22.5	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





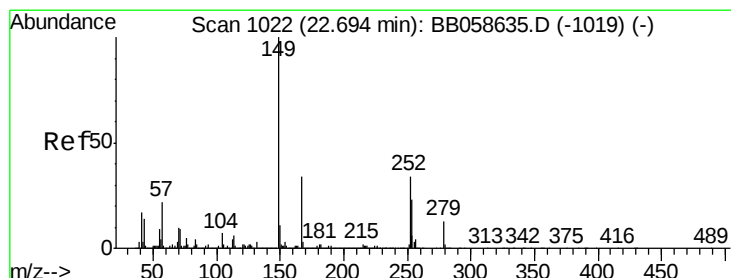
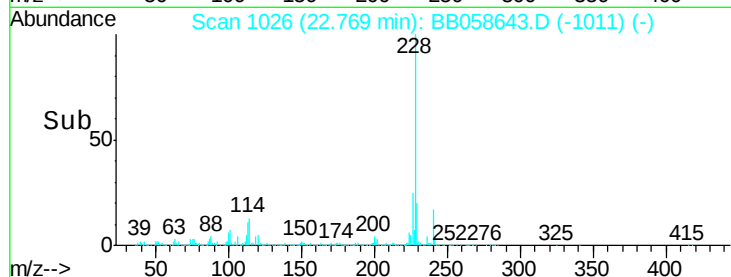
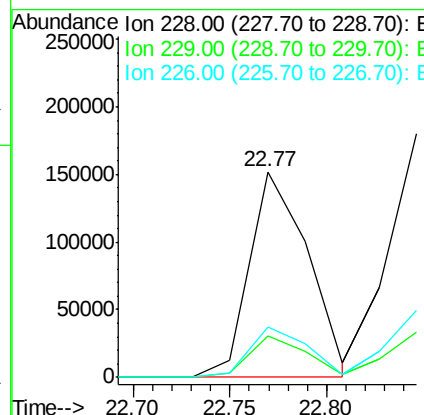
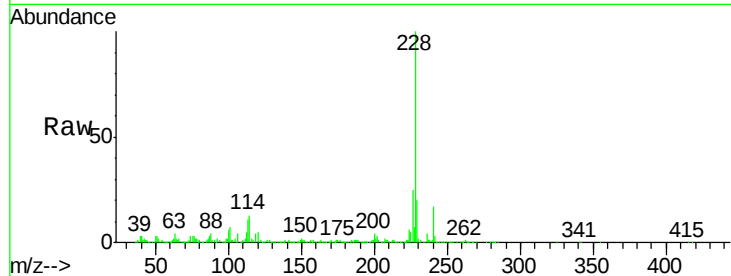
#80
Benzo(a)anthracene
Concen: 3.00 ng/ul
RT: 22.77 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Instrument :
BNA_B
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.6	23.4
226	24.7	21.8	32.8

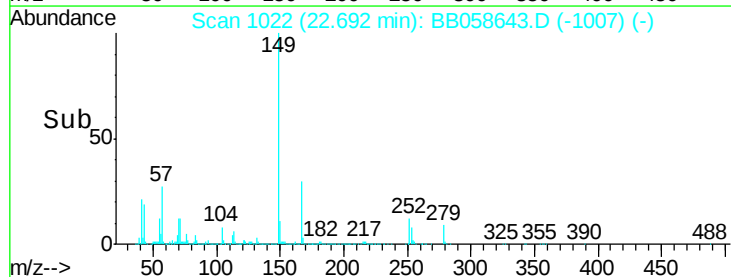
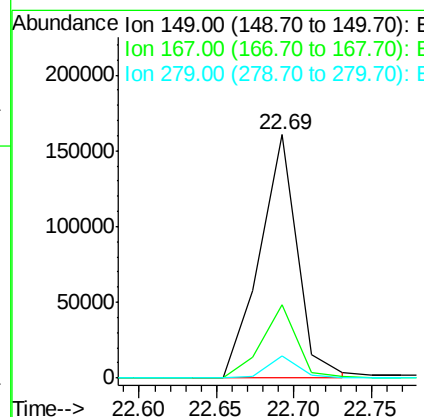
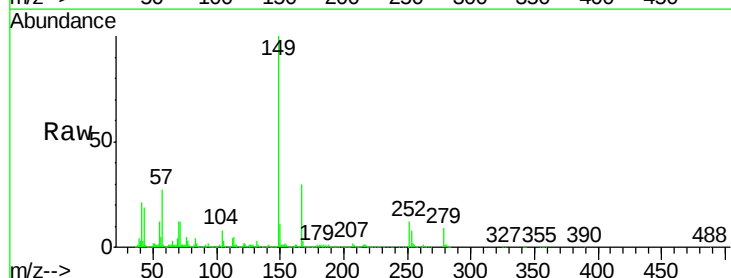
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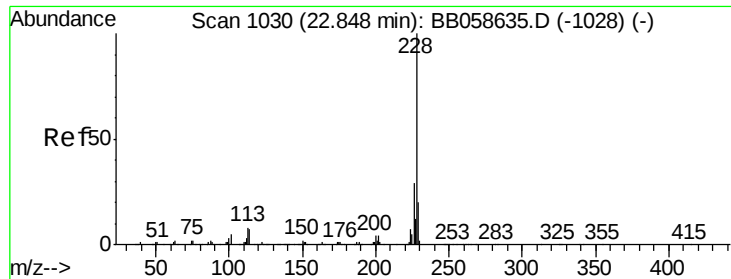
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#81
Bis(2-ethylhexyl)phthalate
Concen: 2.91 ng/ul
RT: 22.69 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	23.2	34.8
279	9.1	4.1	6.1#





#82

Chrysene

Concen: 2.93 ng/ul

RT: 22.85 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Instrument :

BNA_B

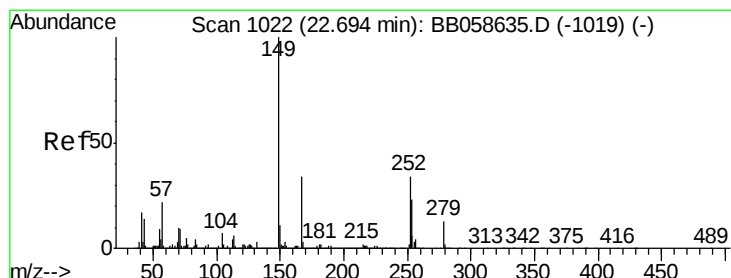
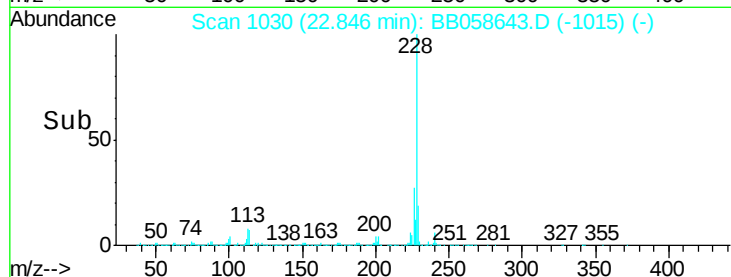
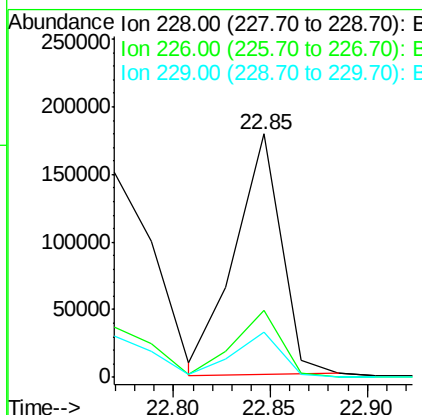
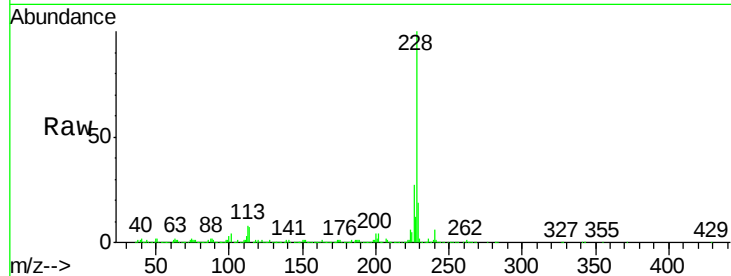
ClientSampleId :

MDL-07-S-ML

Tgt Ion:	228	Resp:	292252
Ion Ratio		Lower	Upper
228	100		
226	27.4	23.4	35.2
229	18.6	15.5	23.3

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#84

Di-n-octyl phthalate

Concen: 3.51 ng/ul

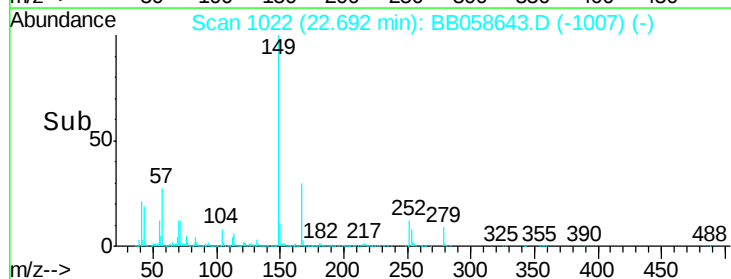
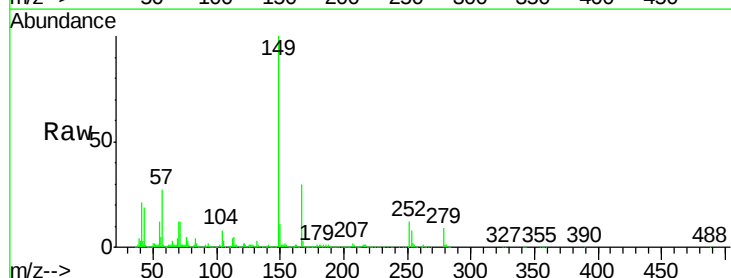
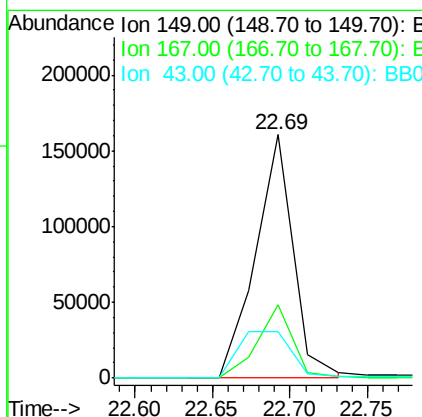
RT: 22.69 min Scan# 1022

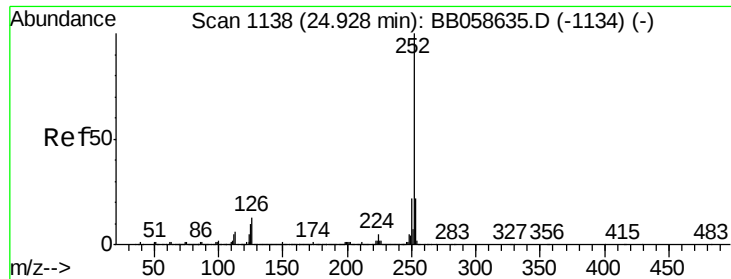
Delta R.T. -0.00 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Tgt Ion:	149	Resp:	273915
Ion Ratio		Lower	Upper
149	100		
167	30.0	1.3	1.9#
43	19.2	6.6	10.0#





#85

Benzo(b)fluoranthene

Concen: 2.65 ng/ul

RT: 24.91 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BB058643.D

Acq: 18 Oct 2016 16:15

Instrument :

BNA_B

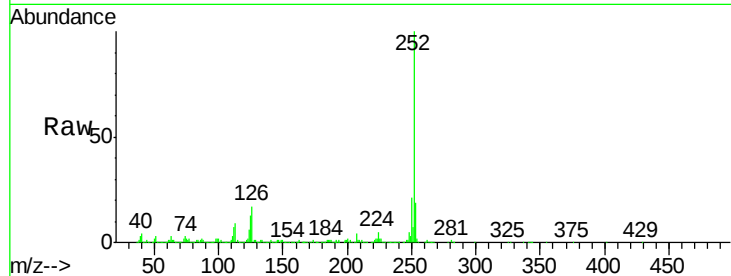
ClientSampled :

MDL-07-S-ML

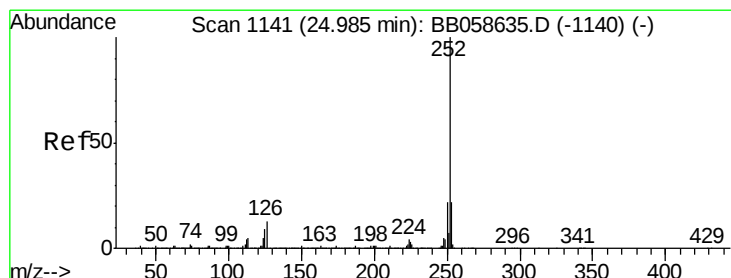
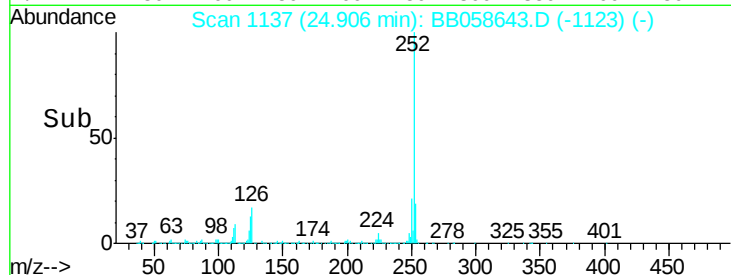
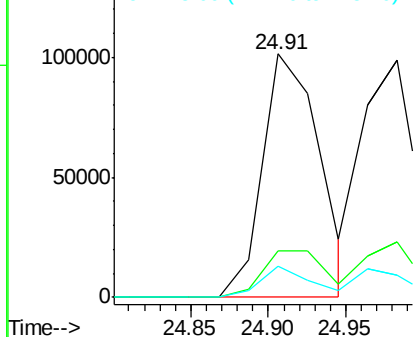
Tgt Ion:	252	Resp:	261587
Ion Ratio	Lower	Upper	
252	100		
253	19.0	17.1	25.7
125	12.6	5.8	8.8#

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



#86

Benzo(k)fluoranthene

Concen: 3.01 ng/ul

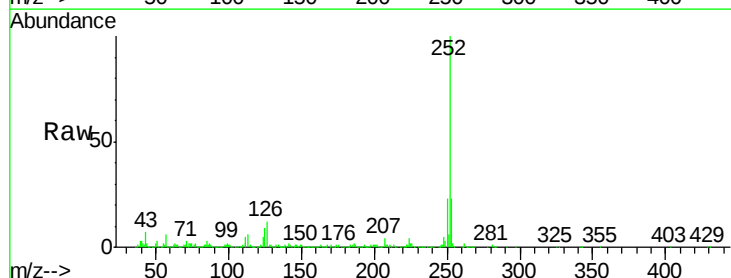
RT: 24.98 min Scan# 1141

Delta R.T. -0.00 min

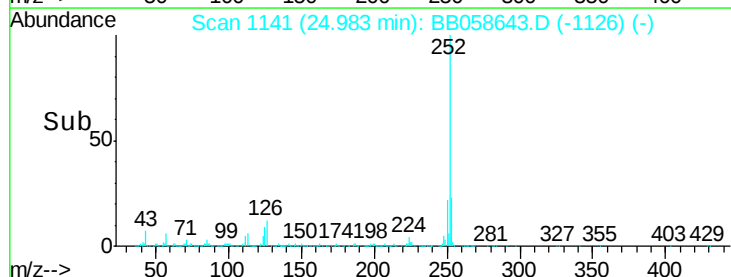
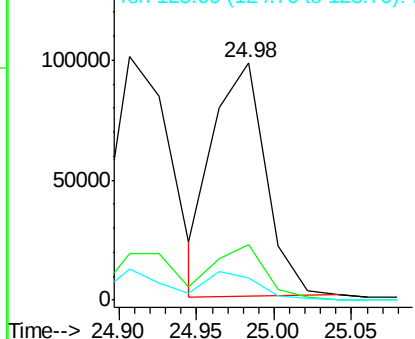
Lab File: BB058643.D

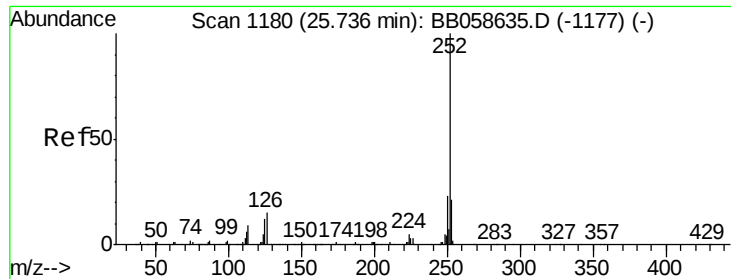
Acq: 18 Oct 2016 16:15

Tgt Ion:	252	Resp:	230645
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.6	26.4
125	9.5	5.7	8.5#



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





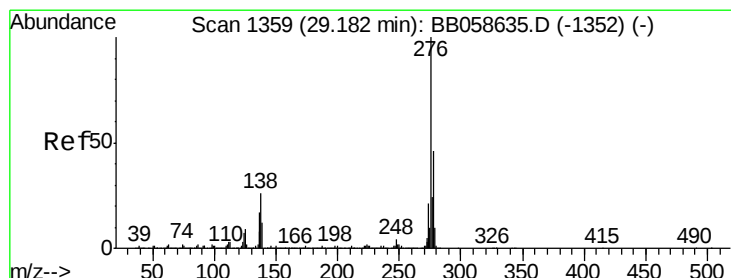
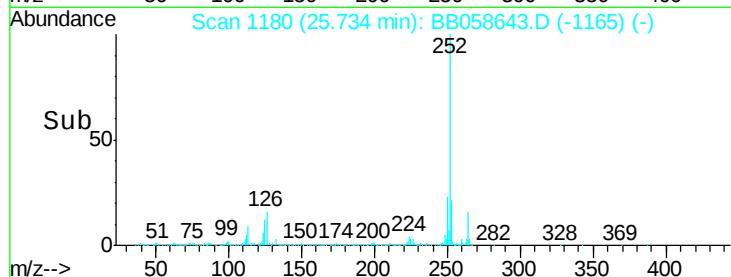
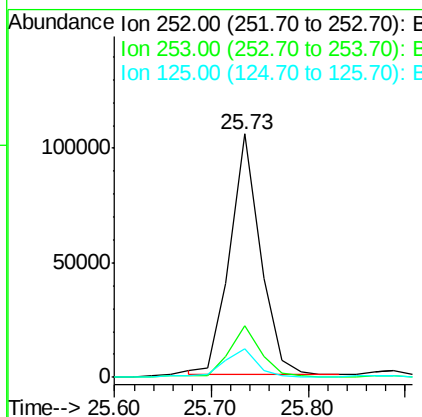
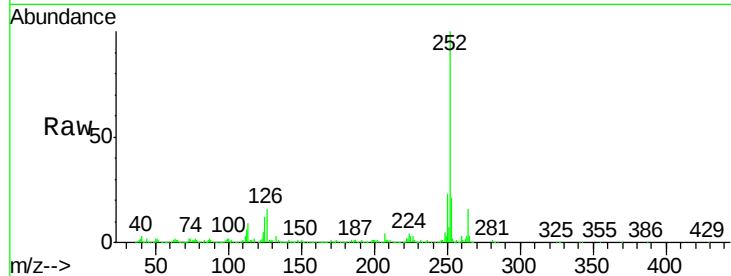
#88
Benzo(a)pyrene
Concen: 2.71 ng/ul
RT: 25.73 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Instrument :
BNA_B
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.0	17.7	26.5
125	11.9	6.6	9.8#

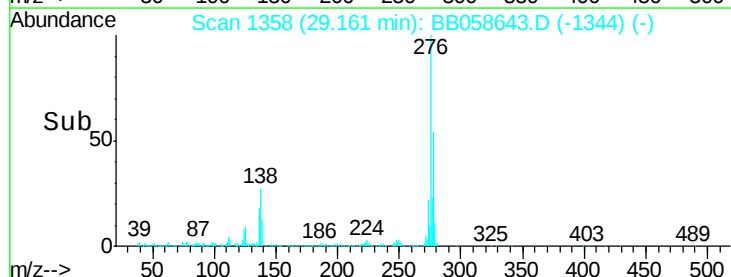
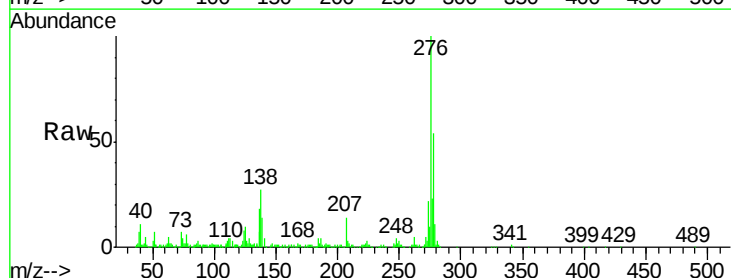
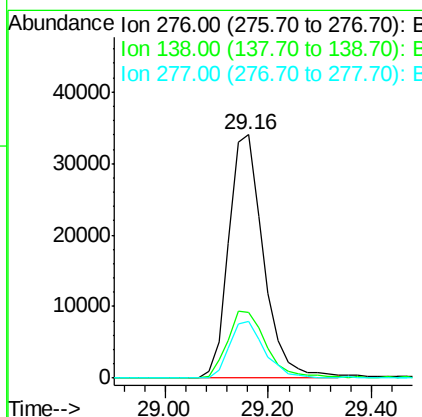
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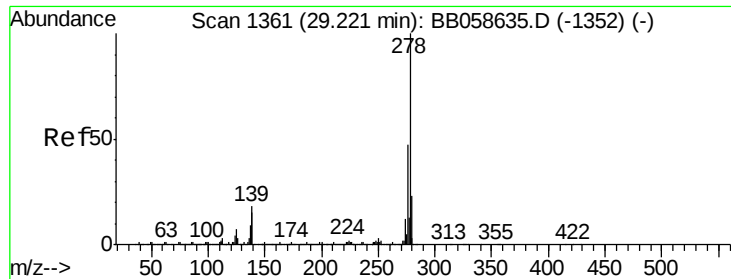
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.19 ng/ul
RT: 29.16 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.0	13.9	20.9#
277	23.3	20.1	30.1





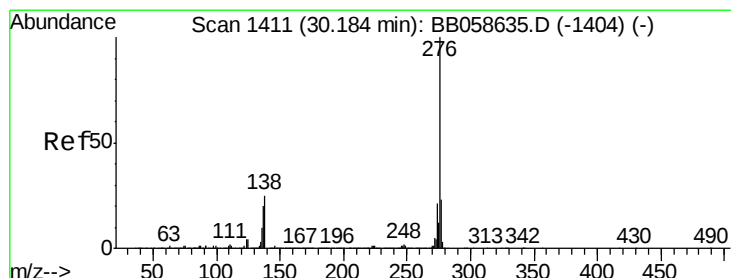
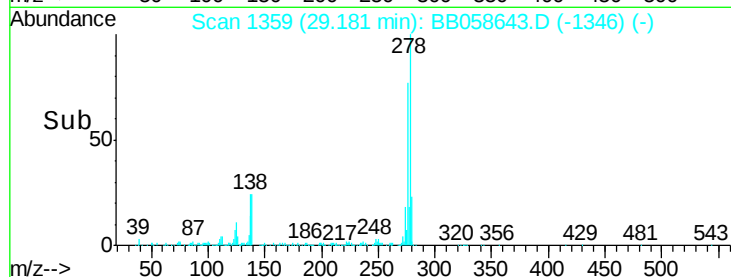
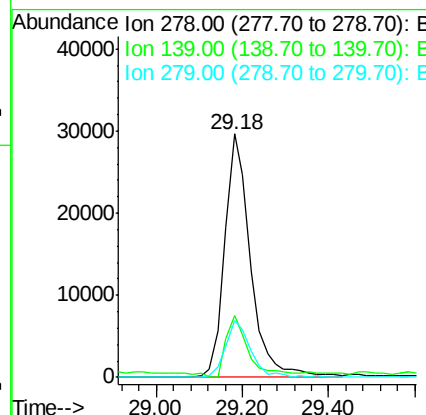
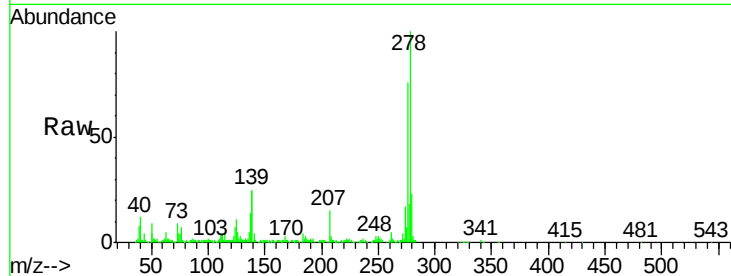
#90
Dibenzo(a,h)anthracene
Concen: 2.01 ng/ul
RT: 29.18 min Scan# 1359
Delta R.T. -0.04 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Instrument :
BNA_B
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.2	9.5	14.3#
279	23.1	19.1	28.7

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#91
Benzo(g,h,i)perylene
Concen: 2.23 ng/ul
RT: 30.16 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BB058643.D
Acq: 18 Oct 2016 16:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	13.5	20.3#
277	22.1	19.3	28.9

