

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101116\
 Data File : BB058609.D
 Acq On : 11 Oct 2016 17:22
 Operator : UM/SJ
 Sample : MDL-06-S
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleID :
 MDL-06-S

Manual Integrations
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Quant Time: Oct 11 18:33:39 2016
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 11 16:28:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	467615	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.62	136	1739094	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1074171	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.44	188	1729511m	20.00	ng/ul	0.00
75) Chrysene-d12	22.83	240	1814871	20.00	ng/ul	0.02
83) Perylene-d12	25.95	264	1488599	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.63	96	73256	7.09	ng/uL	0.00
5) Phenol-d5	7.79	99	1025977	30.20	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.94	67	691897	30.40	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	1167460	33.13	ng/ul	-0.02
13) 4-Methylphenol-d8	9.45	113	868309	30.88	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	597978	33.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	680322	35.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.24	165	916213	33.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1207851	36.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.95	166	2390518	33.47	ng/ul	-0.02
46) Acenaphthylene-d8	15.26	160	2793023	33.16	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	474585	28.93	ng/ul	-0.02
57) Fluorene-d10	16.61	176	1903646	32.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.72	200	459679	25.03	ng/ul	-0.02
70) Anthracene-d10	18.53	188	2606550	33.70	ng/ul	0.00
76) Pyrene-d10	20.88	212	2811020	35.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.75	264	2263913	33.31	ng/ul	0.06

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.67	88	10325	1.01	ng/uL#	79
4) Benzaldehyde	7.73	77	60154	2.75	ng/ul	87
6) Phenol	7.83	94	97683	2.90	ng/ul#	68
8) Bis(2-Chloroethyl)ether	8.04	93	87363	3.15	ng/ul	87
10) 2-Chlorophenol	8.21	128	108864	3.25	ng/ul	99
11) 2-Methylphenol	9.16	108	81189	3.00	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	9.23	45	142414	2.92	ng/ul#	89
14) Acetophenone	9.52	105	121052	2.94	ng/ul#	66
15) N-Nitroso-di-n-propylamine	9.54	70	69171	2.84	ng/ul#	58
16) 4-Methylphenol	9.50	108	85764	2.94	ng/ul	93
17) Hexachloroethane	9.83	117	48854	3.01	ng/ul	84
20) Nitrobenzene	9.93	77	108165	3.20	ng/ul#	84
21) Isophorone	10.49	82	199659	3.07	ng/ul#	94
23) 2-Nitrophenol	10.68	139	64806	3.21	ng/ul	94
24) 2,4-Dimethylphenol	10.76	107	104593	3.16	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.99	93	97436	3.10	ng/ul#	94
27) 2,4-Dichlorophenol	11.26	162	91897	3.35	ng/ul#	87
28) Naphthalene	11.68	128	276564	3.34	ng/ul	100
30) 4-Chloroaniline	11.78	127	109077	3.48	ng/ul	95
31) Hexachlorobutadiene	12.03	225	62352	3.32	ng/ul	99
32) Caprolactam	12.58	113	26829	2.69	ng/ul	92
33) 4-Chloro-3-methylphenol	12.95	107	83551	3.05	ng/ul#	81
34) 2-Methylnaphthalene	13.34	142	191710	3.36	ng/ul	95

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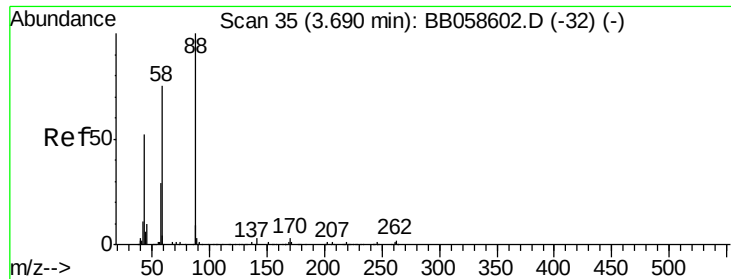
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	106181	3.22	ng/ul#	97
37) Hexachlorocyclopentadiene	13.74	237	40855	1.96	ng/ul#	96
38) 2,4,6-Trichlorophenol	13.97	196	63159	3.15	ng/ul	99
39) 2,4,5-Trichlorophenol	14.03	196	63330	2.98	ng/ul	93
40) 1,1'-Biphenyl	14.38	154	227403	3.16	ng/ul#	96
41) 2-Chloronaphthalene	14.41	162	183895	3.20	ng/ul	98
42) 2-Nitroaniline	14.61	65	59613	2.70	ng/ul#	73
44) Dimethylphthalate	15.01	163	228304	3.20	ng/ul#	96
45) 2,6-Dinitrotoluene	15.11	165	52929	2.93	ng/ul	90
47) Acenaphthylene	15.28	152	276766	3.39	ng/ul	100
48) 3-Nitroaniline	14.61	138	65676	2.78	ng/ul#	32
49) Acenaphthene	15.65	153	185398	3.31	ng/ul	92
50) 2,4-Dinitrophenol	15.67	184	23479	1.83	ng/ul#	49
52) 4-Nitrophenol	15.78	109	33820	2.54	ng/ul#	36
53) Dibenzofuran	15.99	168	262898	3.29	ng/ul	97
54) 2,4-Dinitrotoluene	15.93	165	75416	3.00	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	16.24	232	54205	2.91	ng/ul#	98
56) Diethylphthalate	16.42	149	242241	3.27	ng/ul	94
58) Fluorene	16.67	166	212516	3.27	ng/ul	90
59) 4-Chlorophenyl-phenylether	16.65	204	105361	3.02	ng/ul#	83
60) 4-Nitroaniline	16.67	138	34277	1.84	ng/ul#	71
63) 4,6-Dinitro-2-methylphenol	16.74	198	51819	2.83	ng/ul#	97
64) N-Nitrosodiphenylamine	16.88	169	171241	3.07	ng/ul	93
65) 4-Bromophenyl-phenylether	17.59	248	63524m	2.87	ng/ul	
66) Hexachlorobenzene	17.74	284	71792	3.23	ng/ul	94
67) Atrazine	17.86	200	66057	3.11	ng/ul	91
68) Pentachlorophenol	18.09	266	36311	2.31	ng/ul	92
69) Phenanthrene	18.48	178	302766m	3.52	ng/ul	
71) Anthracene	18.57	178	310199	3.53	ng/ul	99
72) Carbazole	18.84	167	251249	3.42	ng/ul	97
73) Di-n-butylphthalate	19.42	149	454373	3.79	ng/ul	98
74) Fluoranthene	20.54	202	341146	3.89	ng/ul#	93
77) Pyrene	20.90	202	334834	3.53	ng/ul#	94
78) Butylbenzylphthalate	21.81	149	173152	2.82	ng/ul#	87
79) 3,3'-Dichlorobenzidine	22.69	252	63692	1.99	ng/ul#	96
80) Benzo(a)anthracene	22.79	228	321644	3.48	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	22.71	149	270189	3.31	ng/ul#	96
82) Chrysene	22.87	228	293072	3.38	ng/ul	97
84) Di-n-octyl phthalate	22.71	149	270189	3.49	ng/ul#	62
85) Benzo(b)fluoranthene	24.96	252	289451	2.95	ng/ul#	97
86) Benzo(k)fluoranthene	25.02	252	249801	3.28	ng/ul#	97
88) Benzo(a)pyrene	25.81	252	260074	3.14	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.32	276	190357	2.63	ng/ul#	93
90) Dibenzo(a,h)anthracene	29.35	278	149090	2.49	ng/ul#	92
91) Benzo(g,h,i)perylene	30.34	276	158188	2.77	ng/ul	95

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



#2

1,4-Dioxane

Concen: 1.01 ng/uL

RT: 3.67 min Scan# 34

Delta R.T. -0.02 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Instrument :

BNA_B

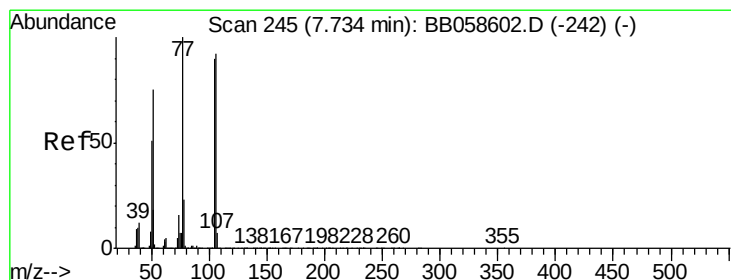
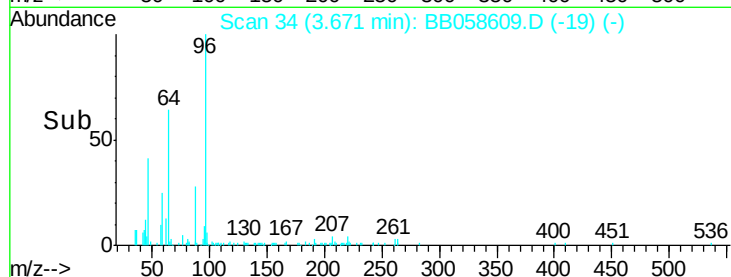
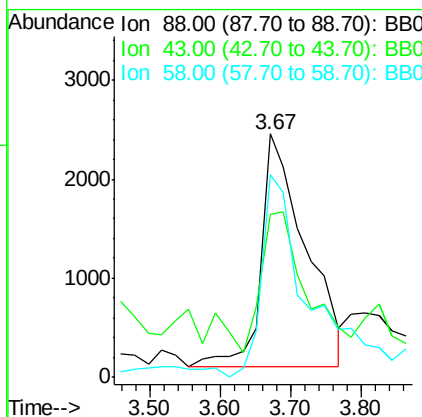
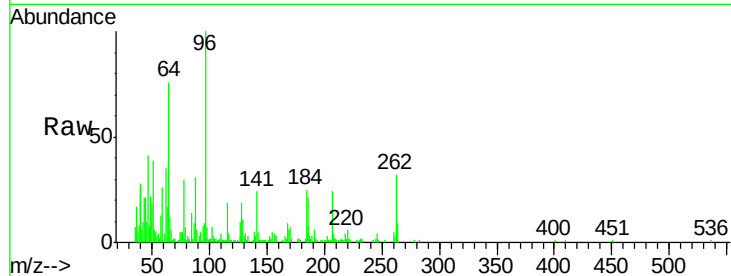
ClientSampleId :

MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	10325		
43	60.5	22.6	34.0#	
58	66.8	57.3	85.9	

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#4

Benzaldehyde

Concen: 2.75 ng/uL

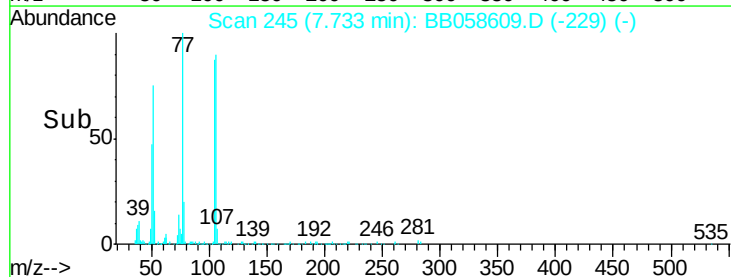
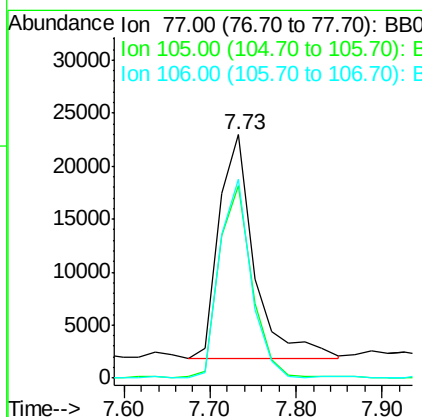
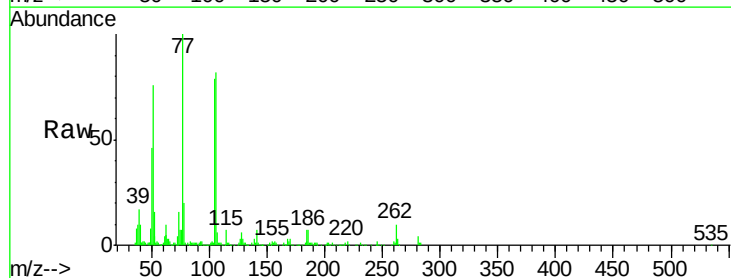
RT: 7.73 min Scan# 245

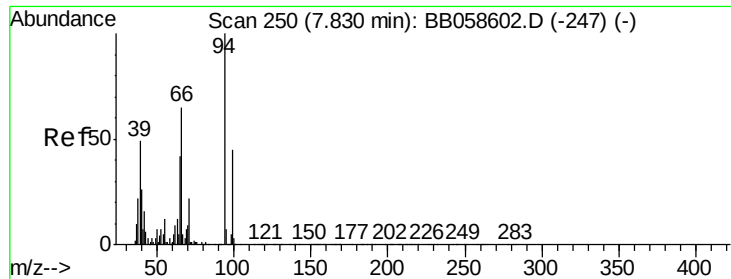
Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	60154		
105	78.9	76.9	115.3	
106	81.9	71.8	107.8	





#6

Phenol

Concen: 2.90 ng/ul

RT: 7.83 min Scan# 250

Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Instrument :

BNA_B

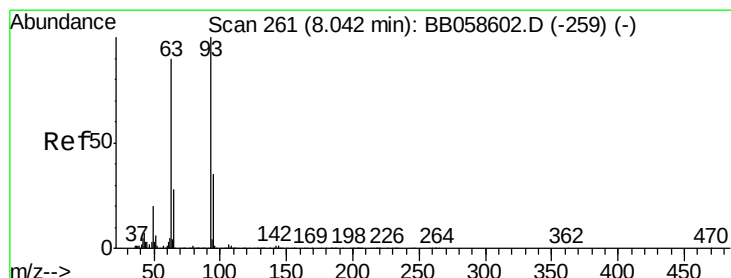
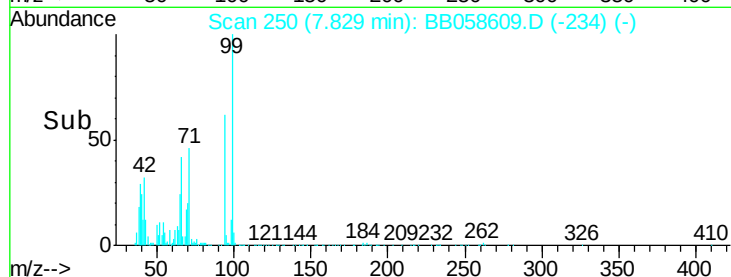
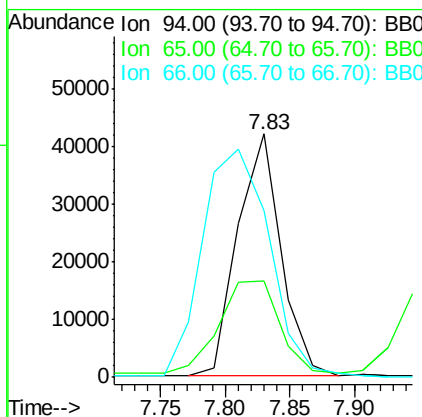
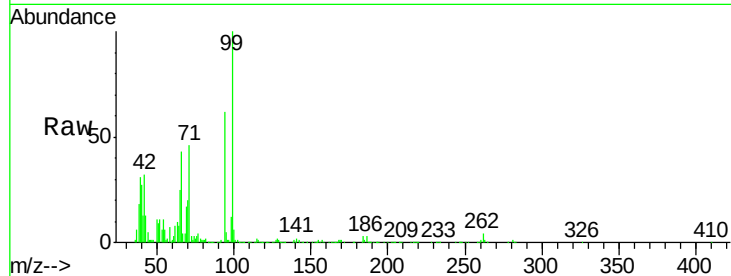
ClientSampled :

MDL-06-S

Tgt Ion:	94	Resp:	97683
Ion Ratio	Lower	Upper	
94	100		
65	39.8	23.9	35.9#
66	68.7	33.5	50.3#

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#8

Bis(2-Chloroethyl)ether

Concen: 3.15 ng/ul

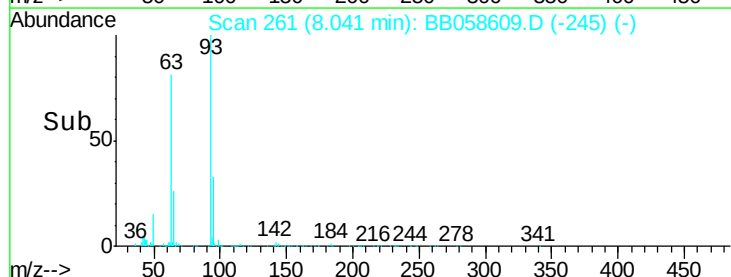
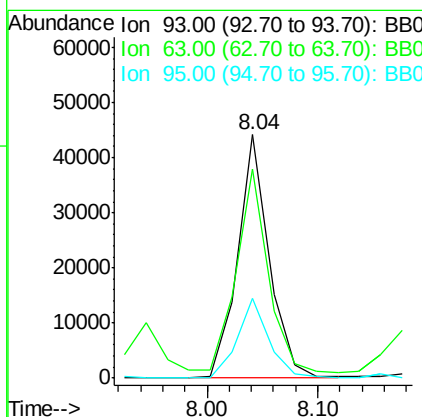
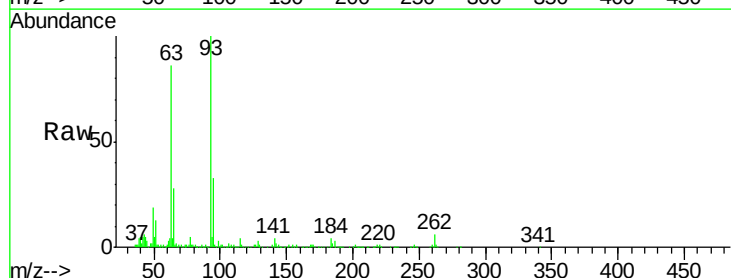
RT: 8.04 min Scan# 261

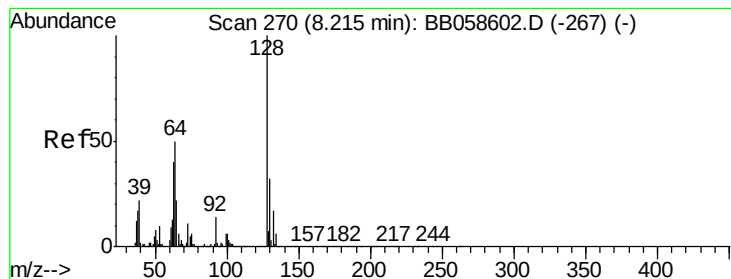
Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Tgt Ion:	93	Resp:	87363
Ion Ratio	Lower	Upper	
93	100		
63	85.7	57.3	85.9
95	32.8	25.1	37.7





#10

2-Chlorophenol

Concen: 3.25 ng/ul

RT: 8.21 min Scan# 270

Delta R.T. -0.00 min

Lab File: BB058609.D

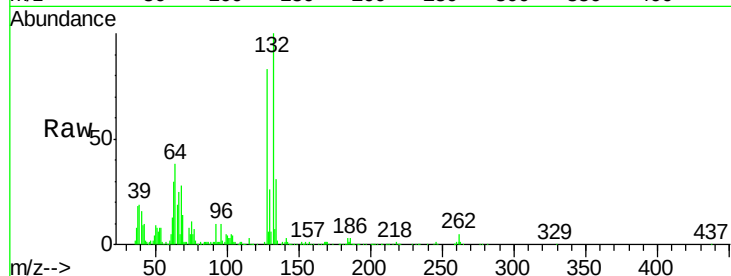
Acq: 11 Oct 2016 17:22

Instrument :

BNA_B

ClientSampleId :

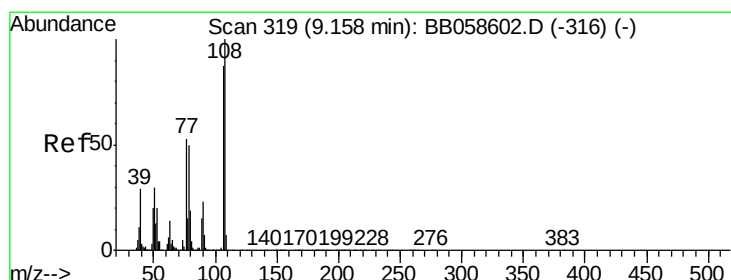
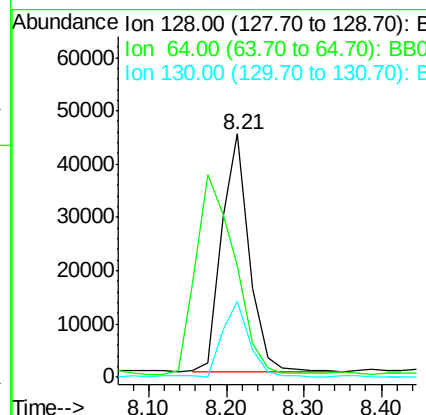
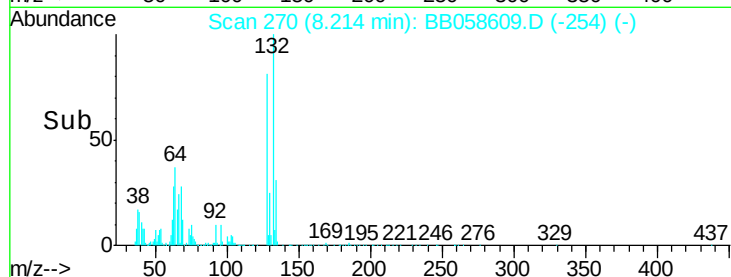
MDL-06-S



Tgt Ion:	128	Resp:	108864
Ion Ratio	Lower	Upper	
128	100		
64	46.1	37.5	56.3
130	31.0	25.0	37.4

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#11

2-Methylphenol

Concen: 3.00 ng/ul

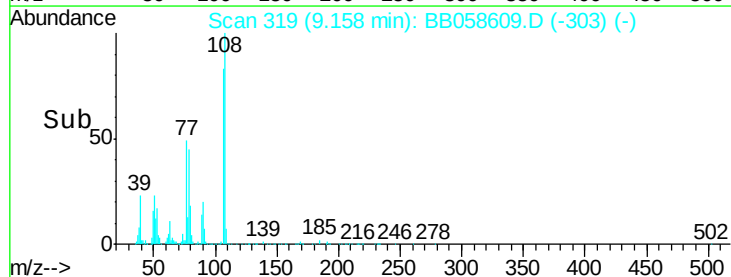
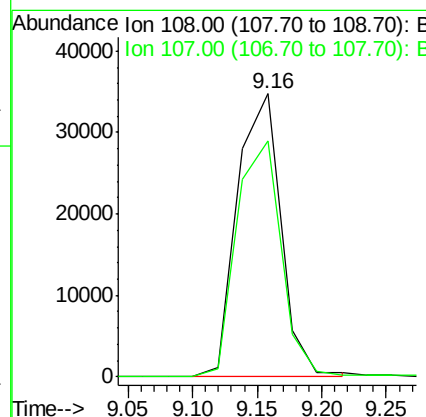
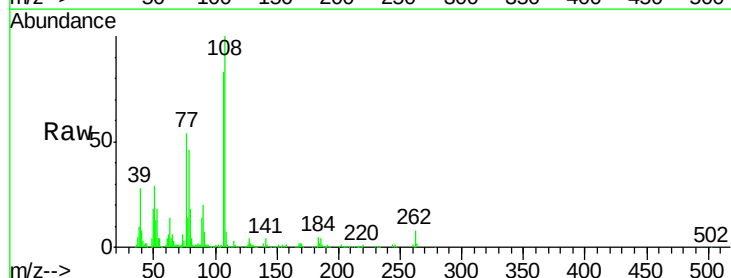
RT: 9.16 min Scan# 319

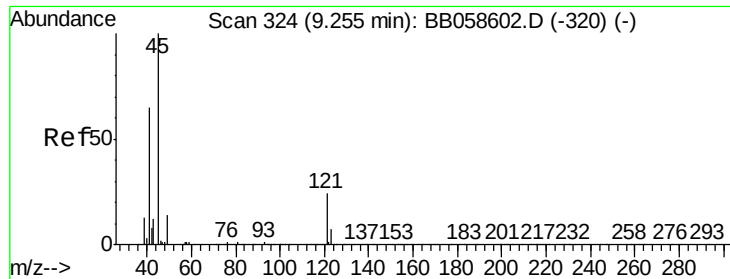
Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Tgt Ion:	108	Resp:	81189
Ion Ratio	Lower	Upper	
108	100		
107	83.2	71.8	107.6





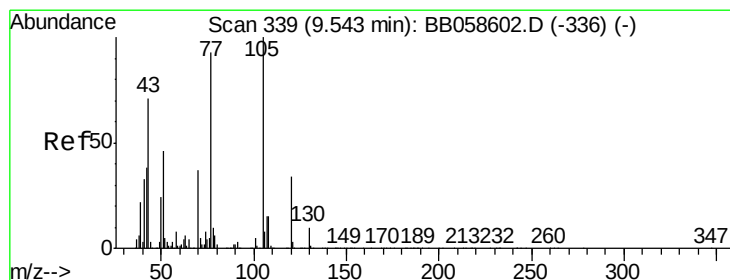
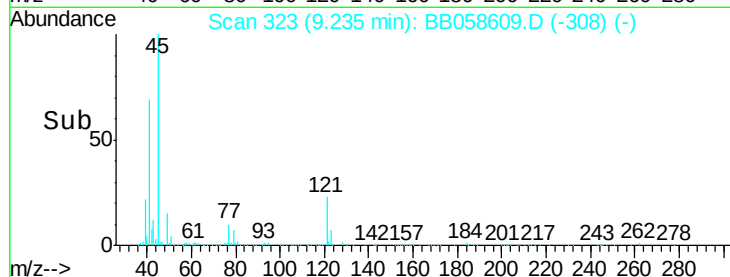
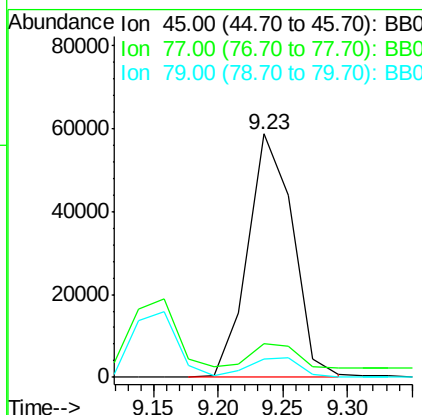
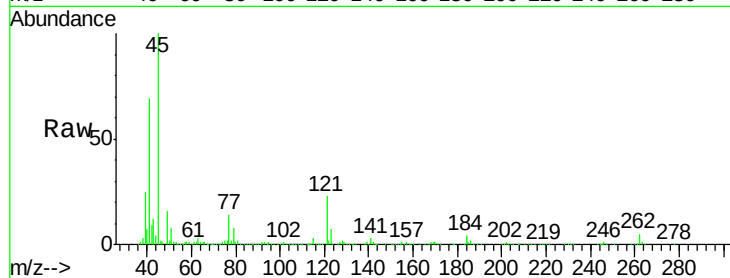
#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.92 ng/ul
RT: 9.23 min Scan# 323
Delta R.T. -0.02 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

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Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	14.1	21.1#
79	7.8	10.4	15.6#

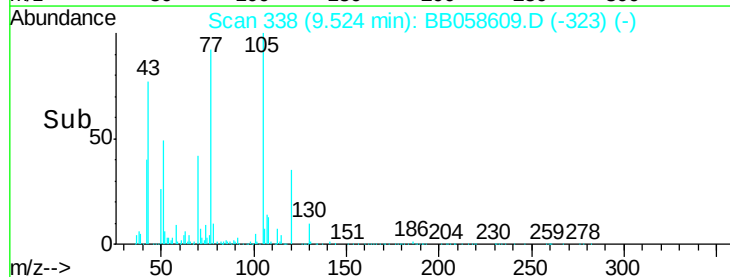
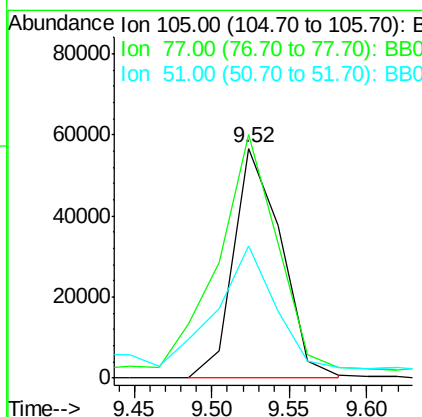
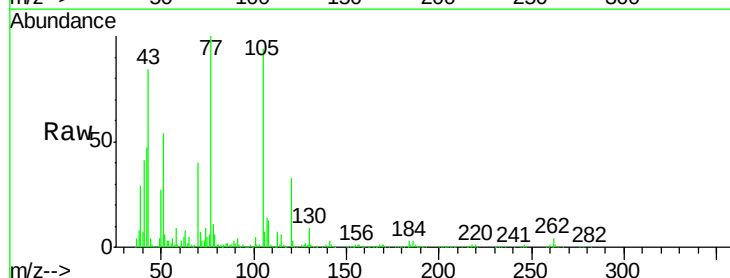
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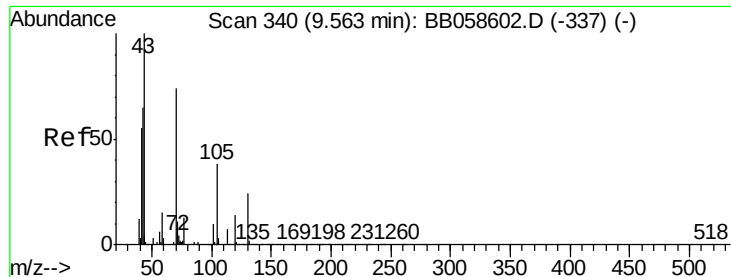
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#14
Acetophenone
Concen: 2.94 ng/ul
RT: 9.52 min Scan# 338
Delta R.T. -0.02 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Lower	Upper
105	100		
77	106.0	65.9	98.9#
51	57.5	22.2	33.2#





#15

N-Nitroso-di-n-propylamine

Concen: 2.84 ng/ul

RT: 9.54 min Scan# 339

Delta R.T. -0.02 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Instrument :

BNA_B

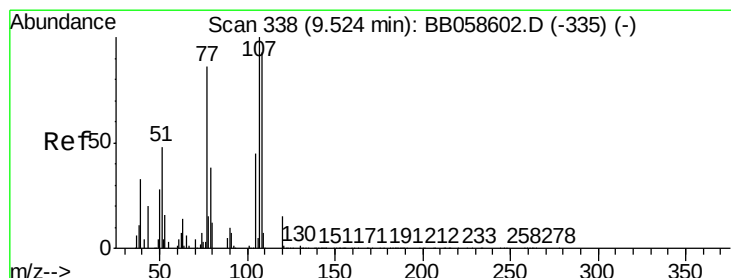
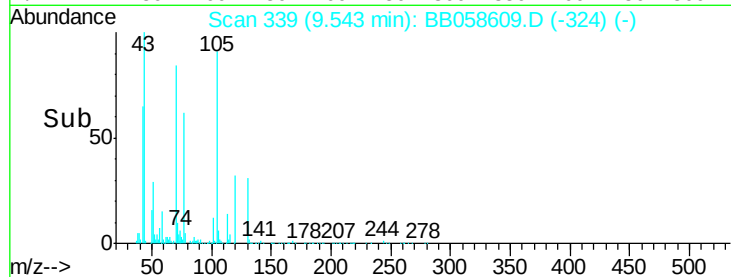
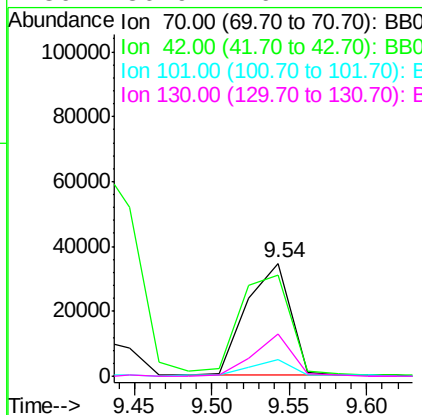
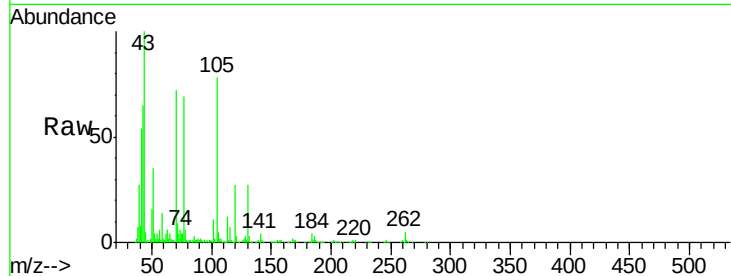
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
70	100		
42	90.0	43.4	65.2#
101	14.9	7.8	11.6#
130	36.9	16.2	24.4#

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#16

4-Methylphenol

Concen: 2.94 ng/ul

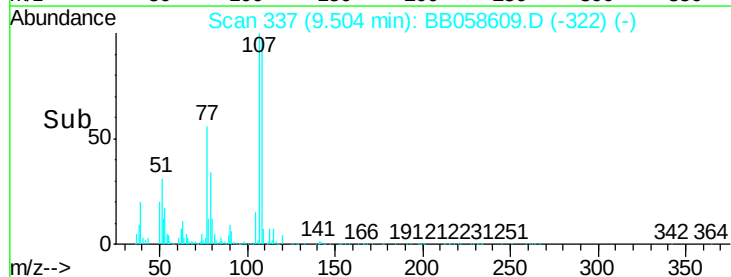
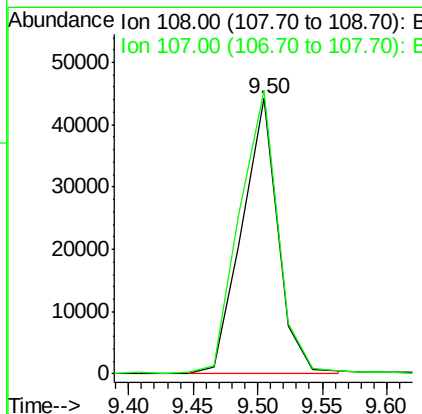
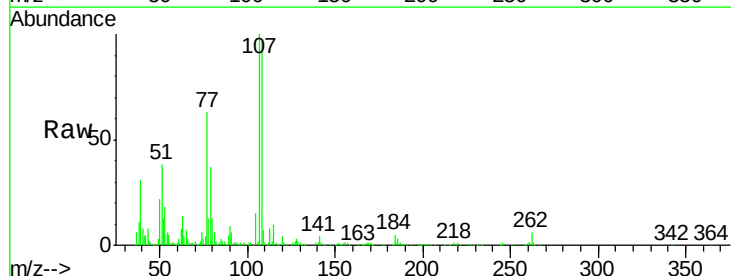
RT: 9.50 min Scan# 337

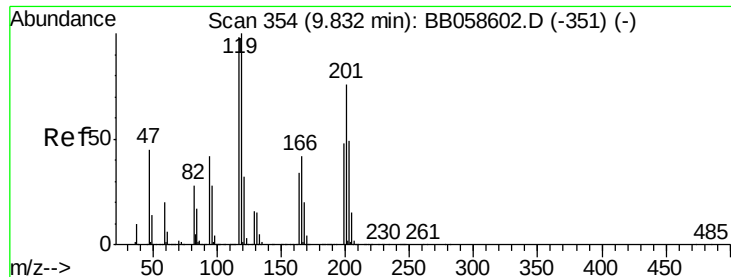
Delta R.T. -0.02 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Lower	Upper
108	100		
107	102.9	87.8	131.8





#17

Hexachloroethane

Concen: 3.01 ng/ul

RT: 9.83 min Scan# 354

Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Instrument :

BNA_B

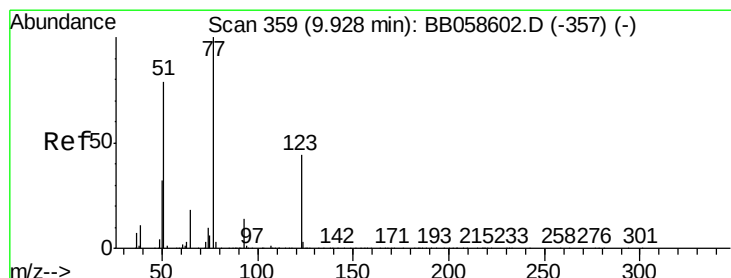
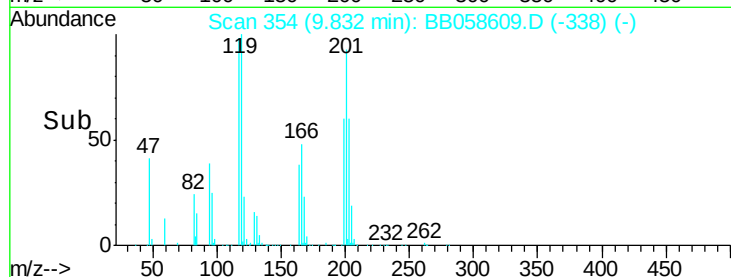
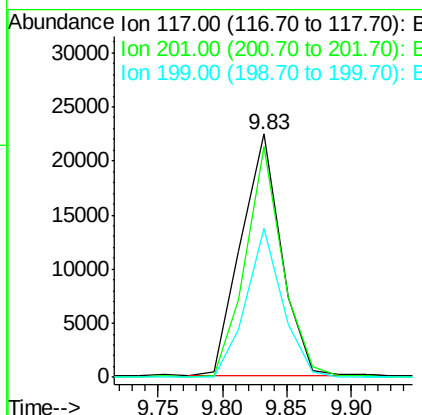
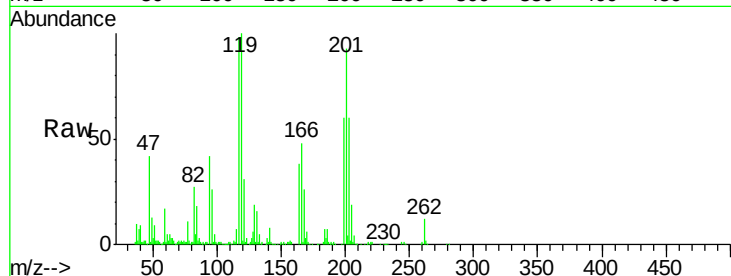
ClientSampleId :

MDL-06-S

Tgt Ion:	117	Resp:	48854
Ion Ratio	Lower	Upper	
117	100		
201	95.0	90.3	135.5
199	61.3	58.5	87.7

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#20

Nitrobenzene

Concen: 3.20 ng/ul

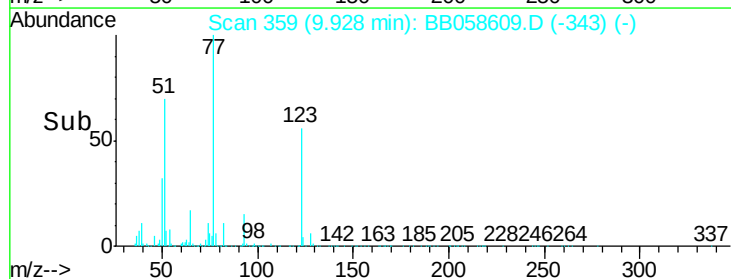
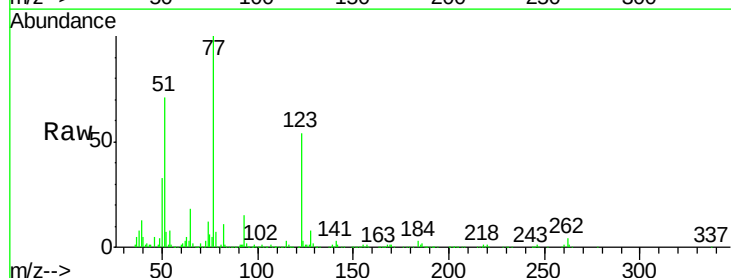
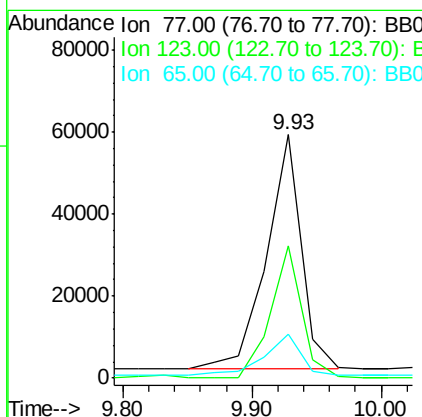
RT: 9.93 min Scan# 359

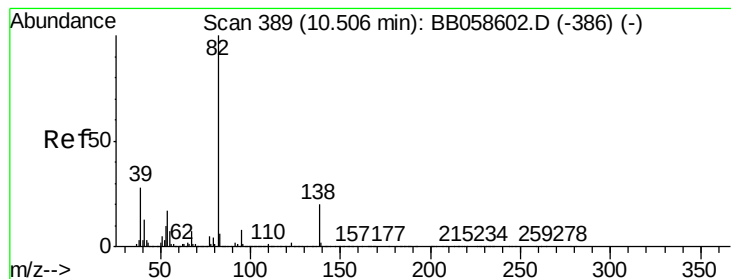
Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Tgt Ion:	77	Resp:	108165
Ion Ratio	Lower	Upper	
77	100		
123	54.2	34.2	51.4#
65	17.8	11.0	16.6#





#21

Isophorone

Concen: 3.07 ng/ul

RT: 10.49 min Scan# 388

Delta R.T. -0.02 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Instrument :

BNA_B

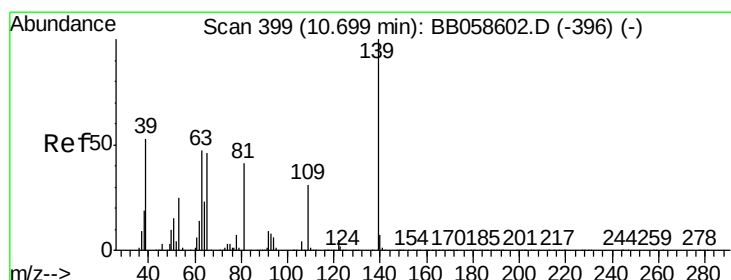
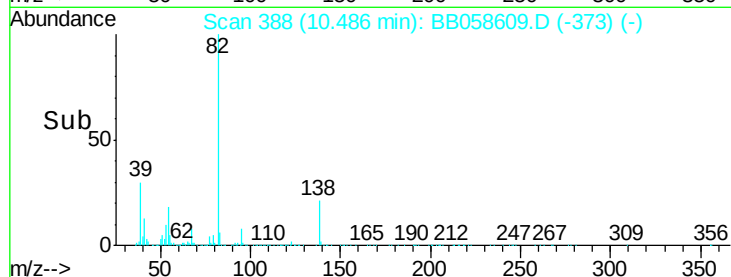
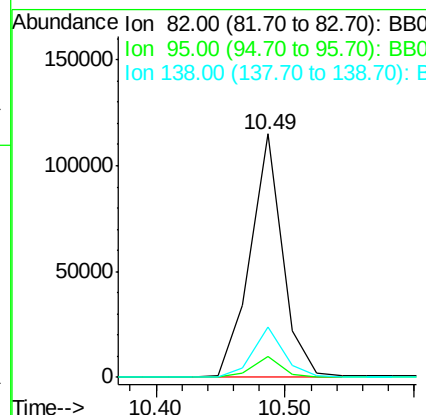
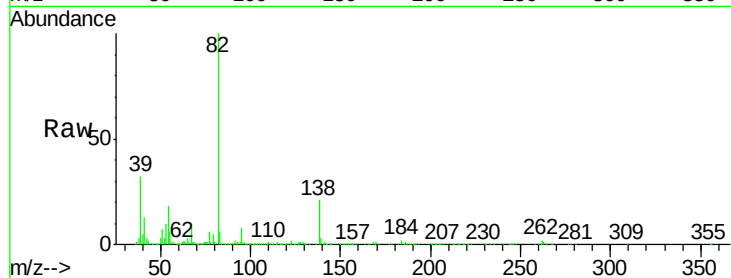
ClientSampleId :

MDL-06-S

Tgt Ion:	82	Resp:	199659
Ion Ratio		Lower	Upper
82	100		
95	8.4	6.9	10.3
138	20.9	13.8	20.8#

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#23

2-Nitrophenol

Concen: 3.21 ng/ul

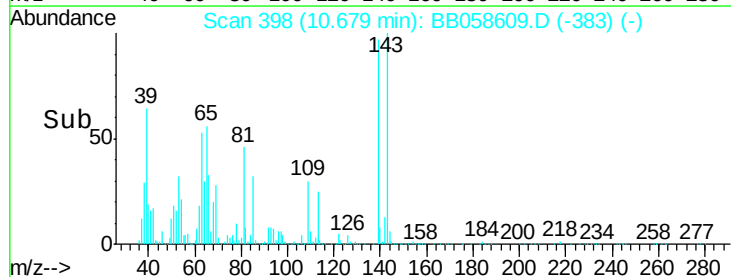
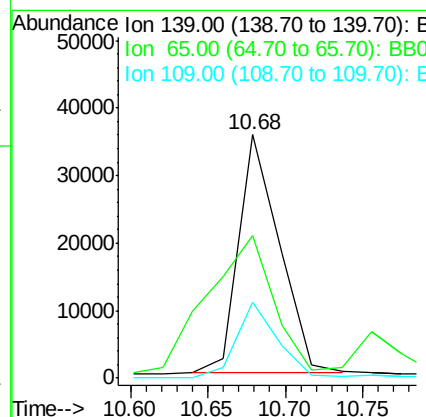
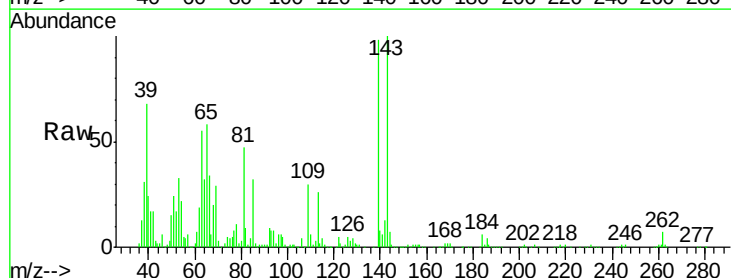
RT: 10.68 min Scan# 398

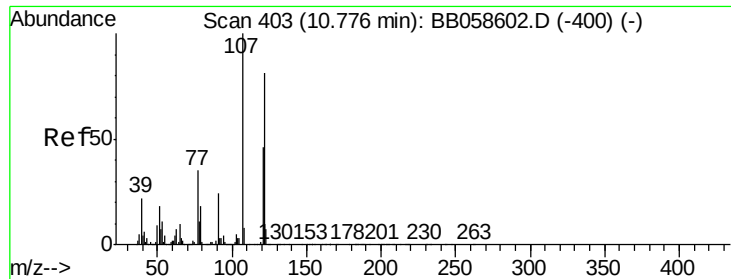
Delta R.T. -0.02 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Tgt Ion:	139	Resp:	64806
Ion Ratio		Lower	Upper
139	100		
65	58.6	44.2	66.4
109	31.0	28.2	42.4





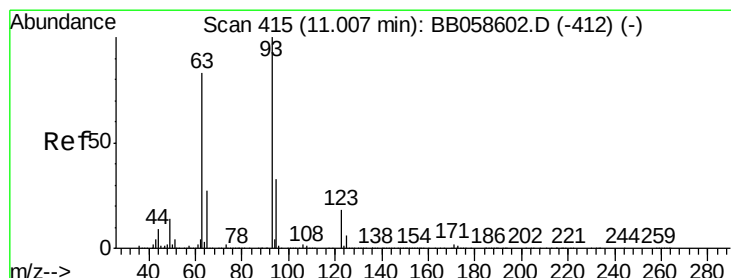
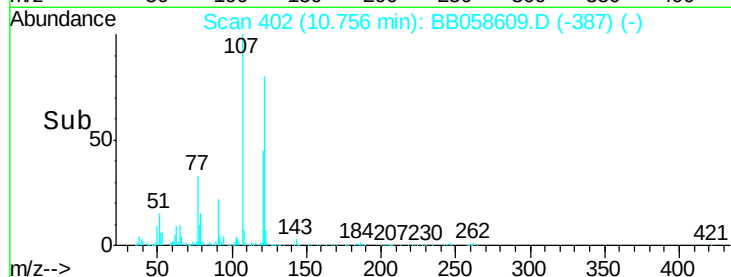
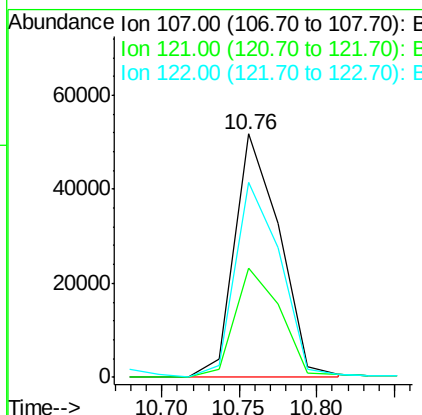
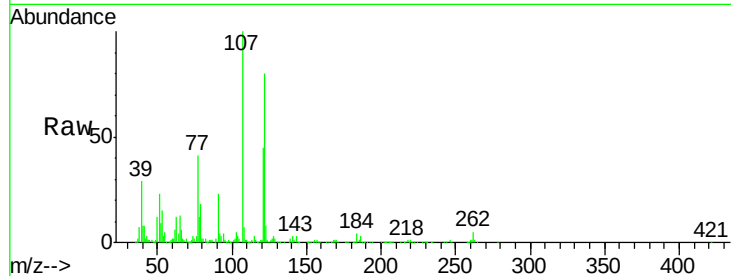
#24
2,4-Dimethylphenol
Concen: 3.16 ng/ul
RT: 10.76 min Scan# 402
Delta R.T. -0.02 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Instrument :
BNA_B
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
121	44.8	37.1	55.7
122	79.8	62.8	94.2

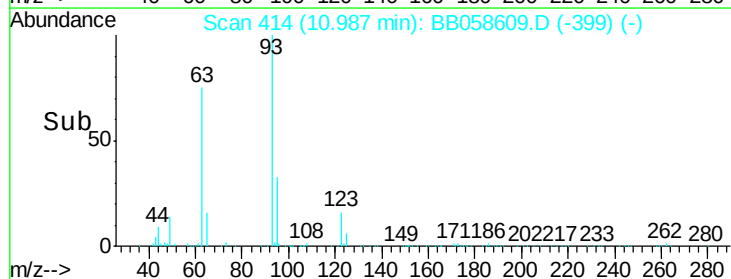
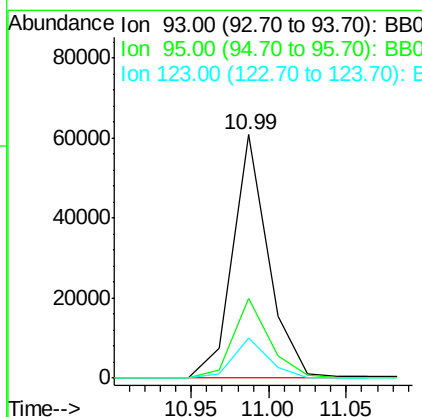
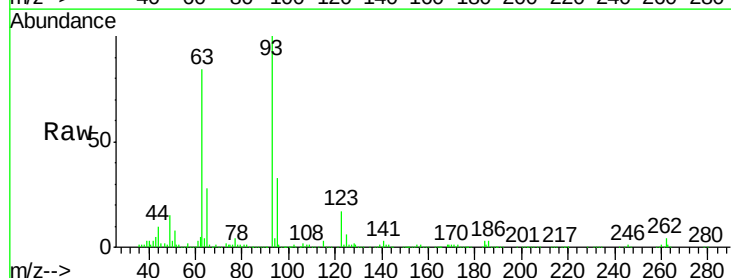
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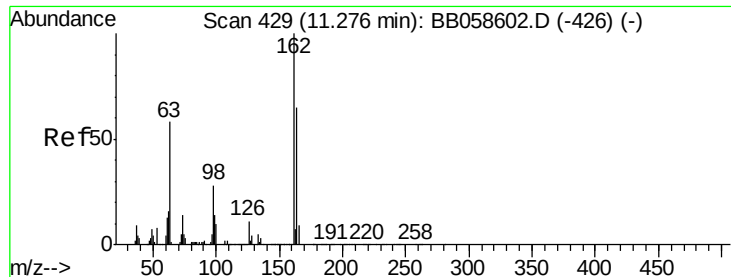
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#25
Bis(2-Chloroethoxy)methane
Concen: 3.10 ng/ul
RT: 10.99 min Scan# 414
Delta R.T. -0.02 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	32.9	25.4	38.0
123	16.5	8.3	12.5#





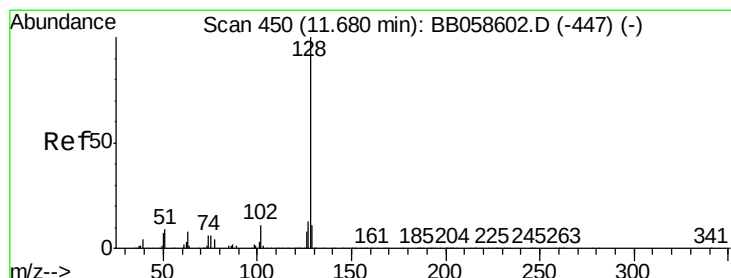
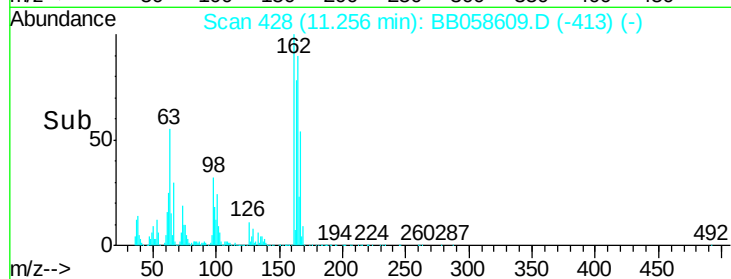
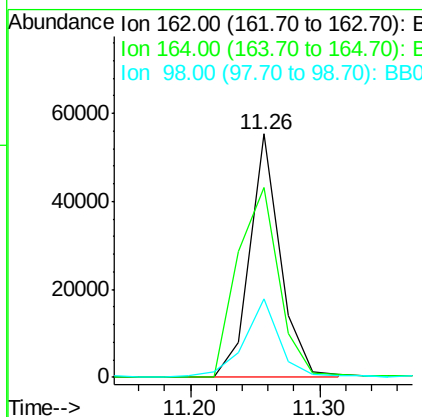
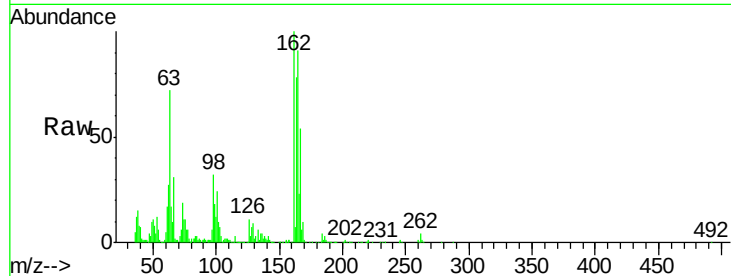
#27
2,4-Dichlorophenol
Concen: 3.35 ng/ul
RT: 11.26 min Scan# 428
Delta R.T. -0.02 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Instrument :
BNA_B
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	91897		
164	78.2	51.6	77.4#	
98	32.1	28.4	42.6	

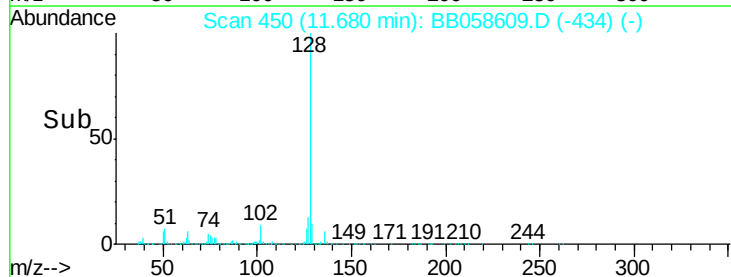
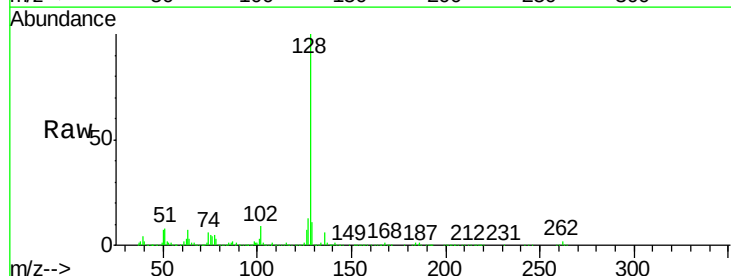
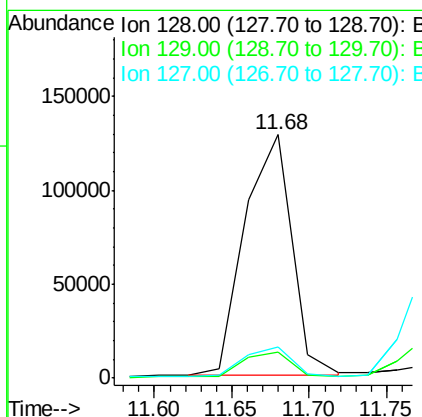
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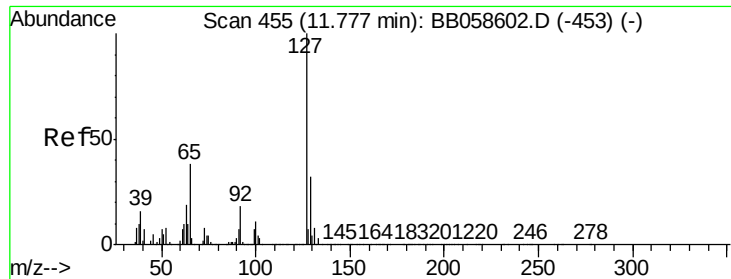
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#28
Naphthalene
Concen: 3.34 ng/ul
RT: 11.68 min Scan# 450
Delta R.T. -0.00 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	276564		
129	10.7	8.6	12.8	
127	13.0	10.6	15.8	





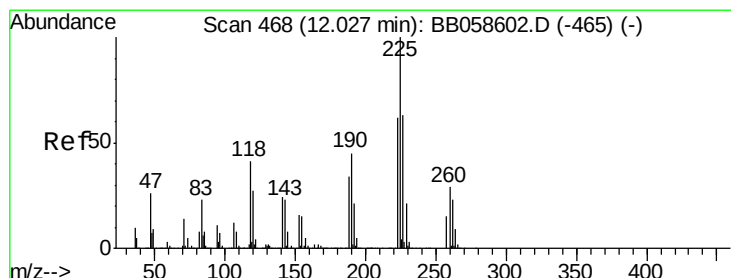
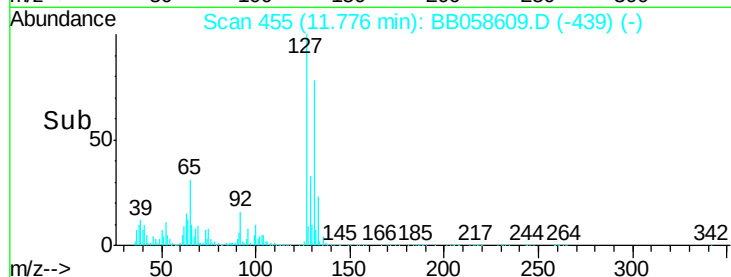
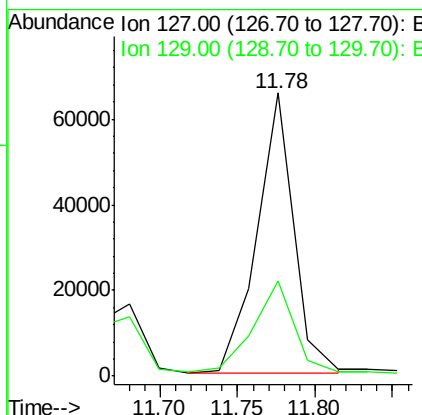
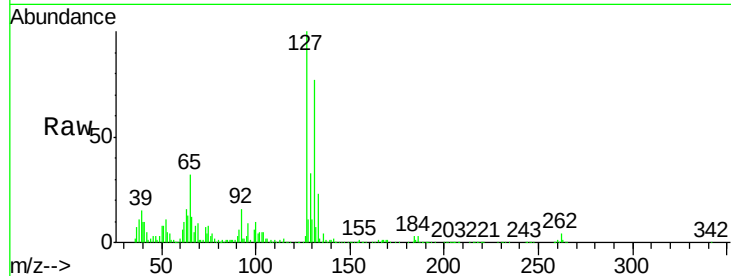
#30
4-Chloroaniline
Concen: 3.48 ng/ul
RT: 11.78 min Scan# 455
Delta R.T. -0.00 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Instrument :
BNA_B
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.5	24.6	37.0

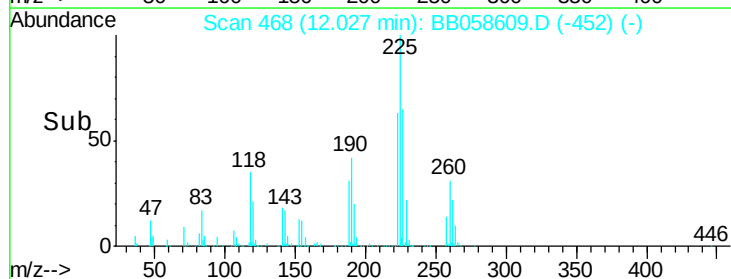
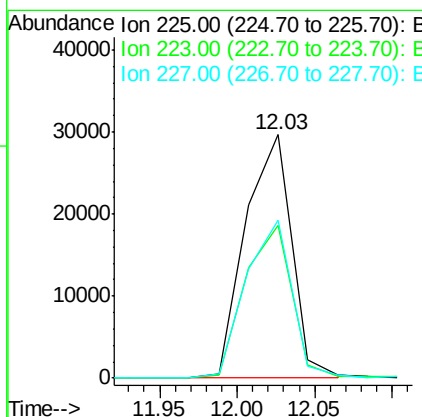
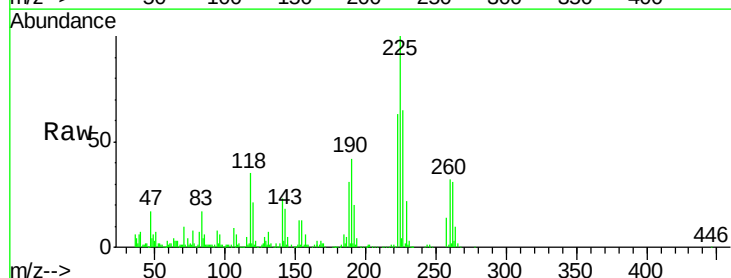
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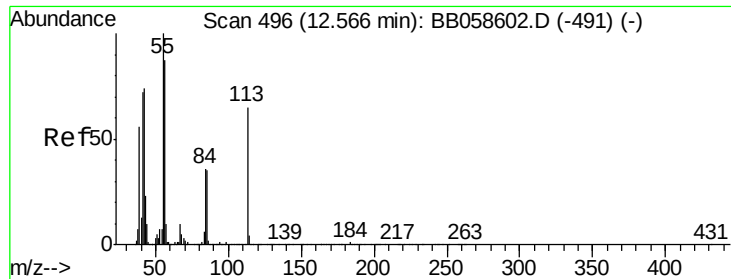
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#31
Hexachlorobutadiene
Concen: 3.32 ng/ul
RT: 12.03 min Scan# 468
Delta R.T. -0.00 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.2	76.8
227	64.8	52.5	78.7





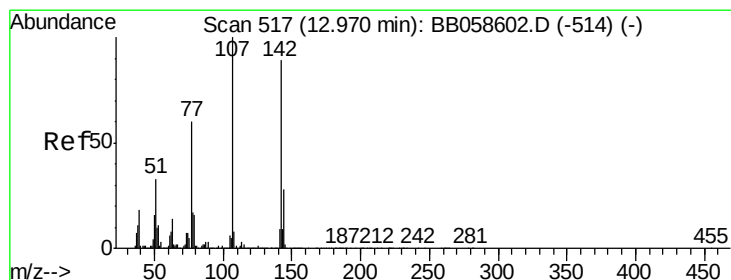
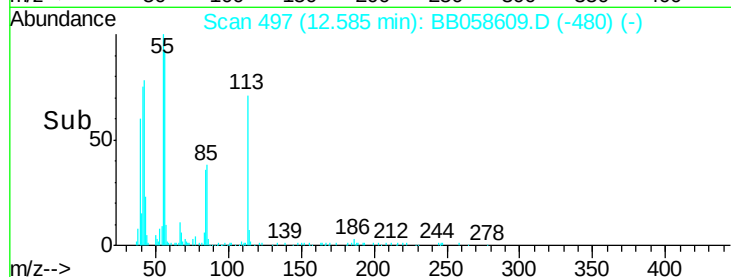
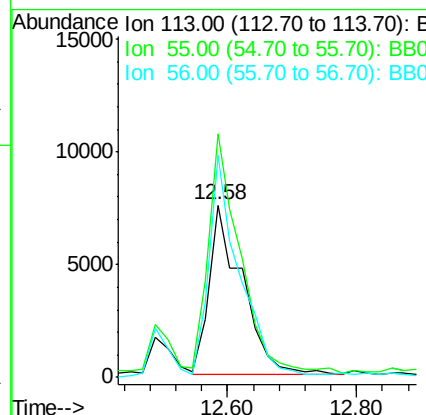
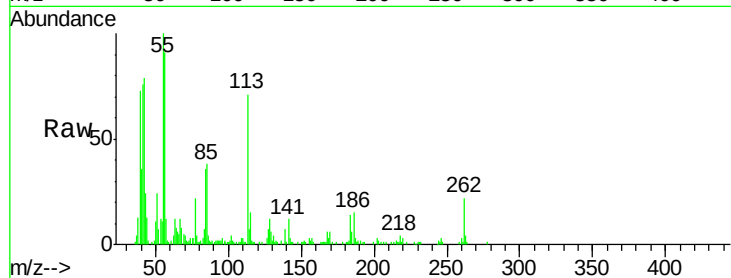
#32
 Caprolactam
 Concen: 2.69 ng/ul
 RT: 12.58 min Scan# 497
 Delta R.T. 0.02 min
 Lab File: BB058609.D
 Acq: 11 Oct 2016 17:22

Instrument :
 BNA_B
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	26829		
55	141.4	121.9	182.9	
56	128.8	97.4	146.0	

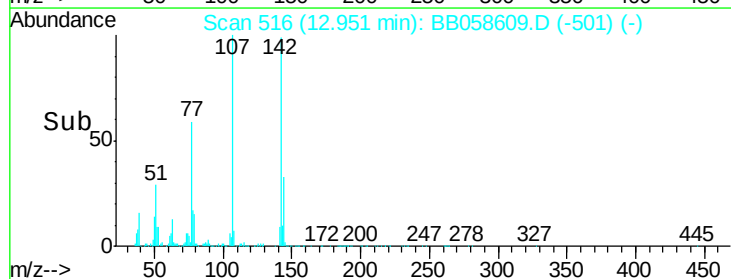
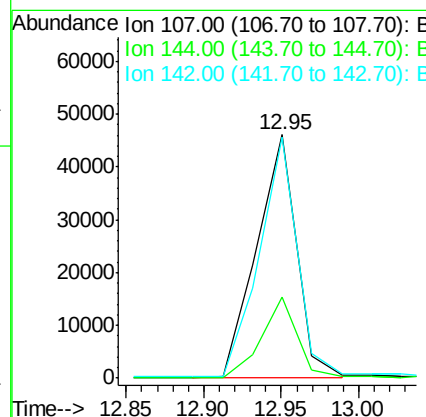
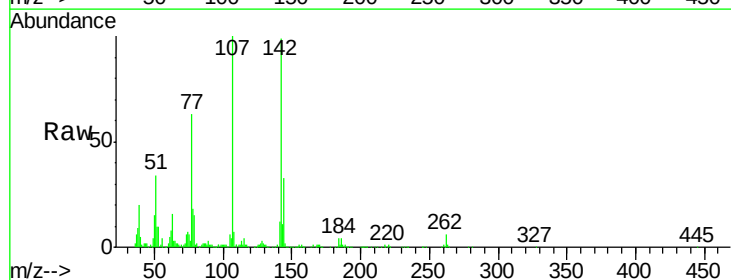
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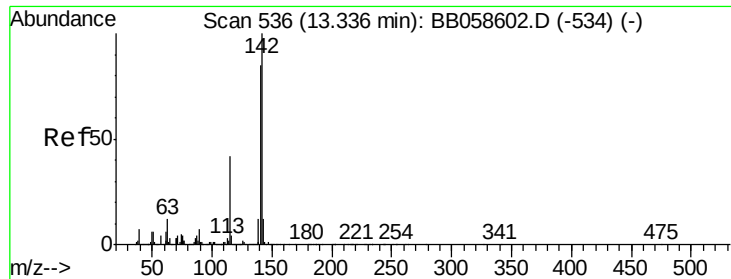
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#33
 4-Chloro-3-methylphenol
 Concen: 3.05 ng/ul
 RT: 12.95 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BB058609.D
 Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	83551		
144	33.1	21.1	31.7#	
142	99.2	64.1	96.1#	





#34

2-Methylnaphthalene

Concen: 3.36 ng/ul

RT: 13.34 min Scan# 536

Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Instrument :

BNA_B

ClientSampleId :

MDL-06-S

Tgt Ion:142 Resp: 191710

Ion Ratio Lower Upper

142 100

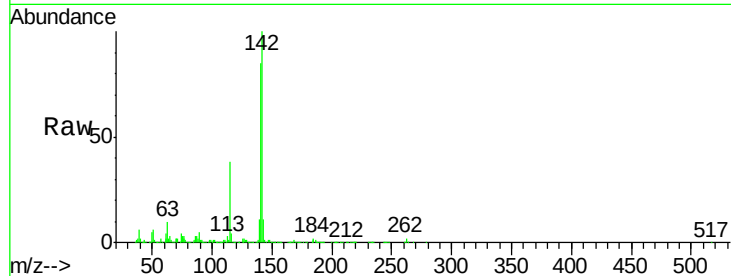
141 84.7 71.3 106.9

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

120000

100000

80000

60000

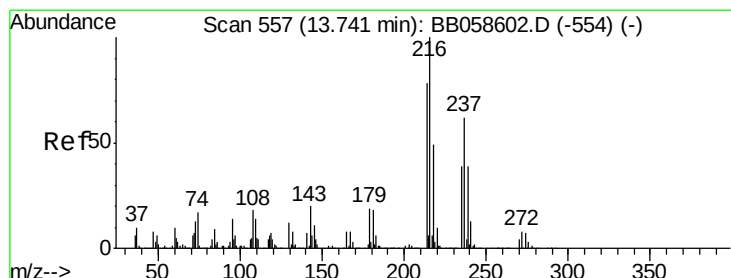
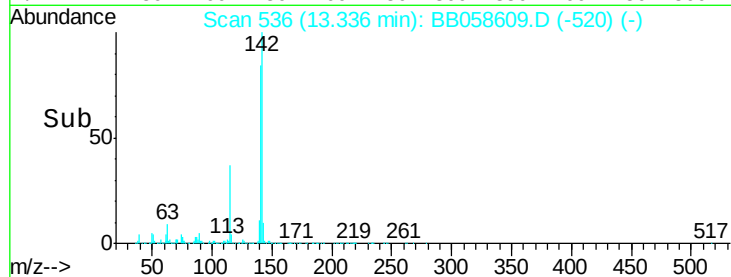
40000

20000

0

13.25 13.30 13.35 13.40

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 3.22 ng/ul

RT: 13.72 min Scan# 556

Delta R.T. -0.02 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Tgt Ion:216 Resp: 106181

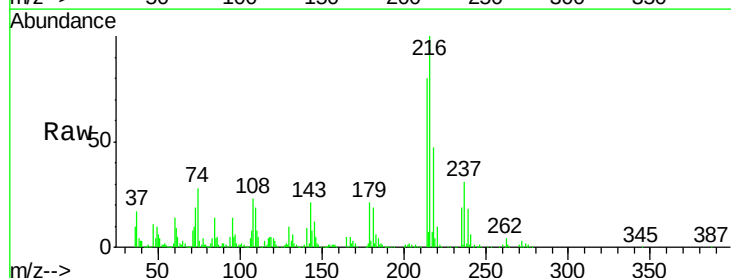
Ion Ratio Lower Upper

216 100

214 79.9 64.8 97.2

179 21.3 16.7 25.1

108 22.9 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

80000

60000

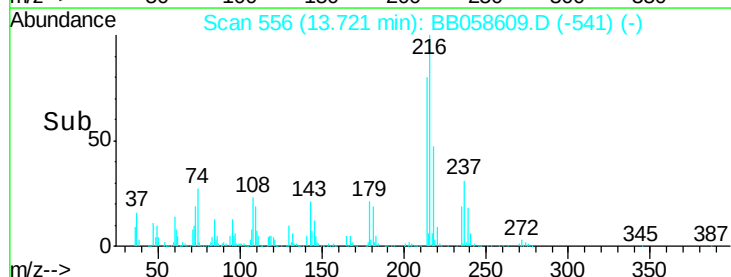
40000

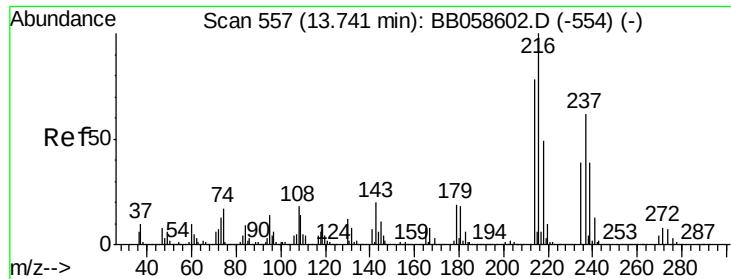
20000

0

13.65 13.70 13.75 13.80

Time-->





#37

Hexachlorocyclopentadiene

Concen: 1.96 ng/ul

RT: 13.74 min Scan# 557

Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Instrument :

BNA_B

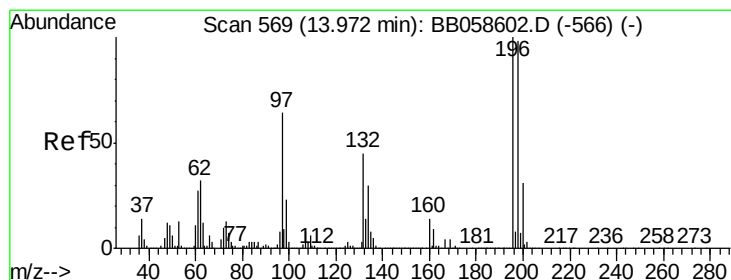
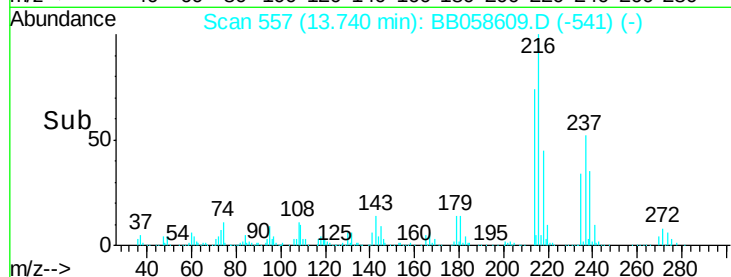
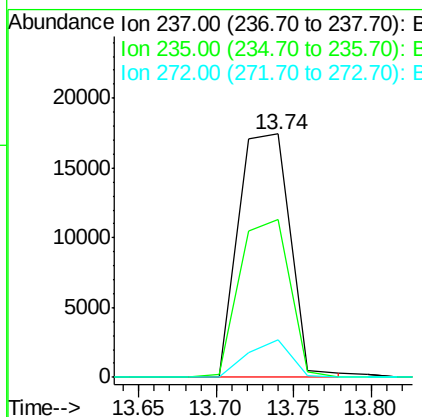
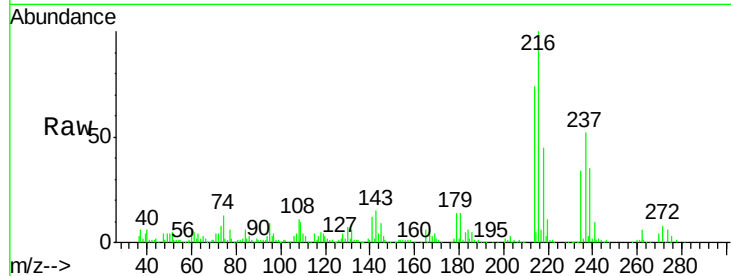
ClientSampleId :

MDL-06-S

Tgt Ion:	237	Resp:	40855
Ion Ratio	Lower	Upper	
237	100		
235	64.9	49.6	74.4
272	15.6	10.4	15.6#

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#38

2,4,6-Trichlorophenol

Concen: 3.15 ng/ul

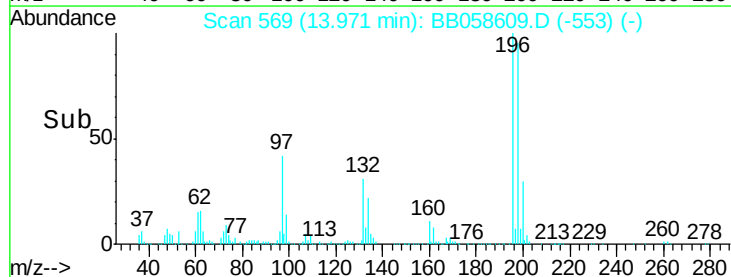
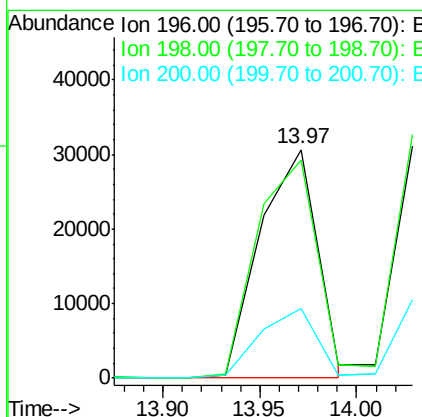
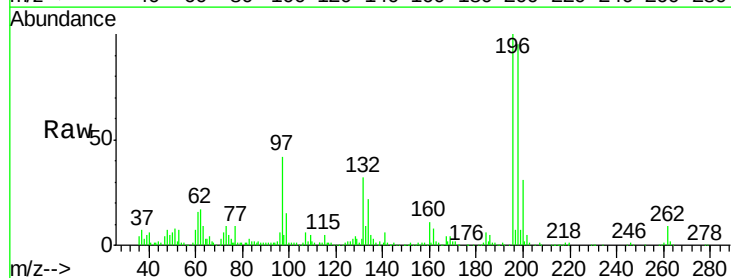
RT: 13.97 min Scan# 569

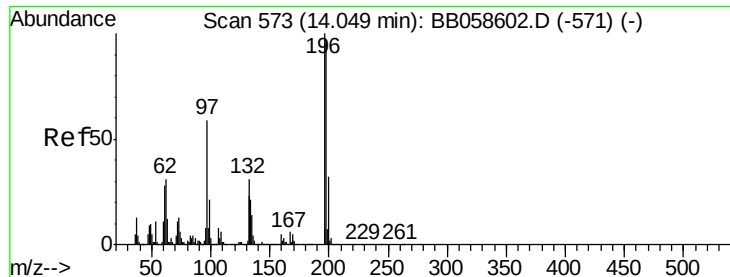
Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Tgt Ion:	196	Resp:	63159
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.9	115.3
200	30.5	25.1	37.7





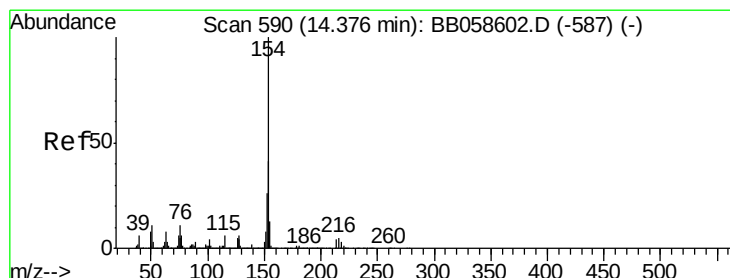
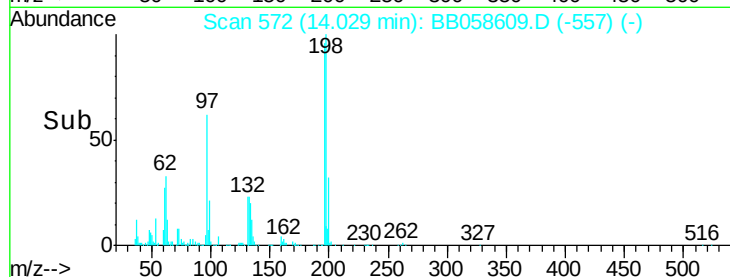
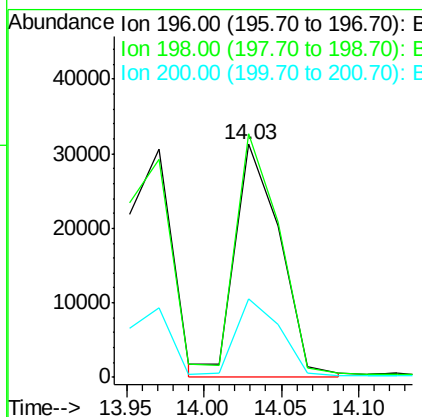
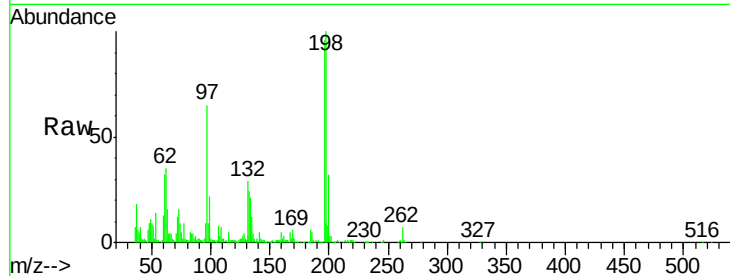
#39
 2,4,5-Trichlorophenol
 Concen: 2.98 ng/ul
 RT: 14.03 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BB058609.D
 Acq: 11 Oct 2016 17:22

Instrument :
 BNA_B
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	63330		
198	104.6	76.8	115.2	
200	33.9	27.0	40.4	

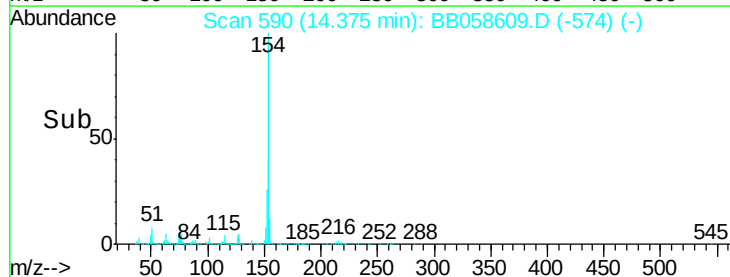
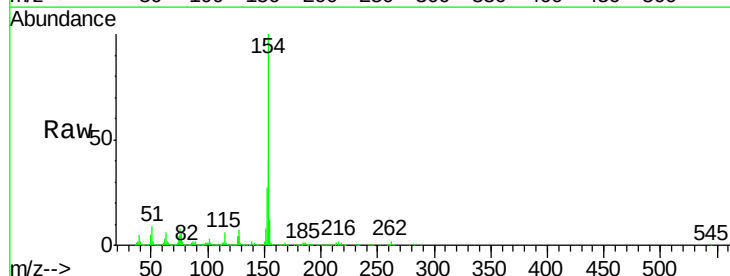
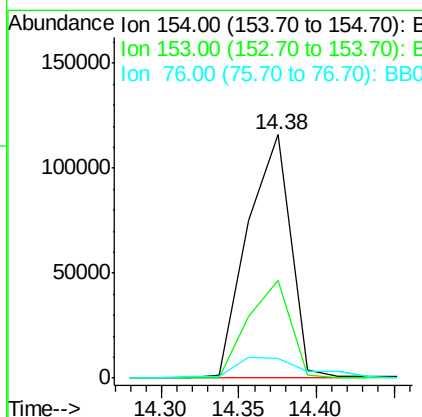
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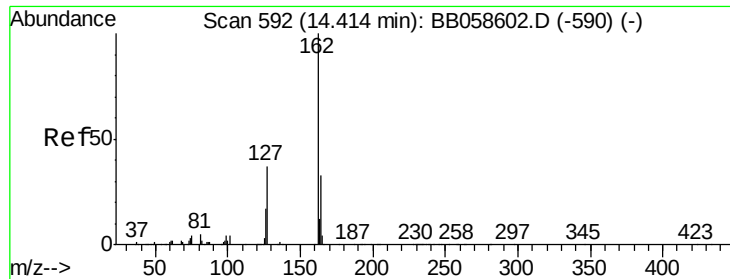
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#40
 1,1'-Biphenyl
 Concen: 3.16 ng/ul
 RT: 14.38 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BB058609.D
 Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	227403		
153	40.1	31.3	46.9	
76	8.2	10.0	15.0	





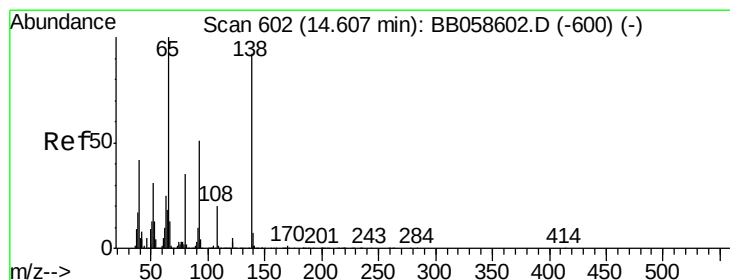
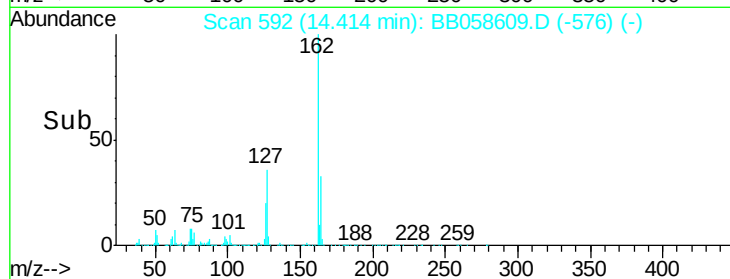
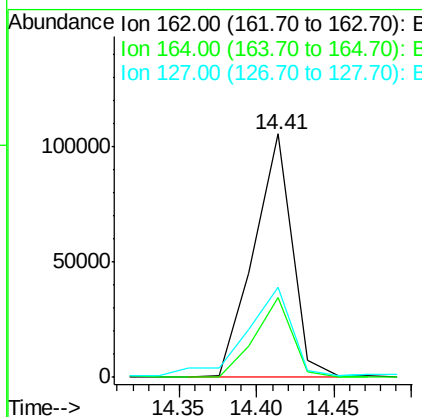
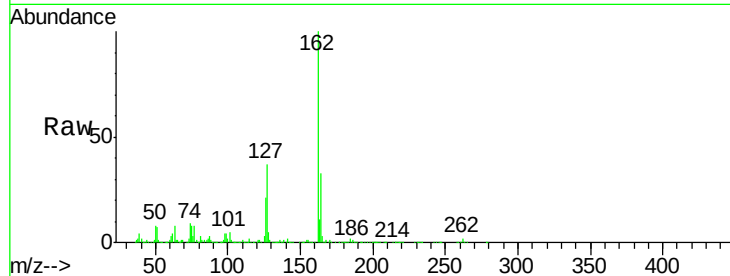
#41
 2-Chloronaphthalene
 Concen: 3.20 ng/ul
 RT: 14.41 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BB058609.D
 Acq: 11 Oct 2016 17:22

Instrument :
 BNA_B
 ClientSampled :
 MDL-06-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	32.9	26.9	40.3
127	37.0	31.2	46.8

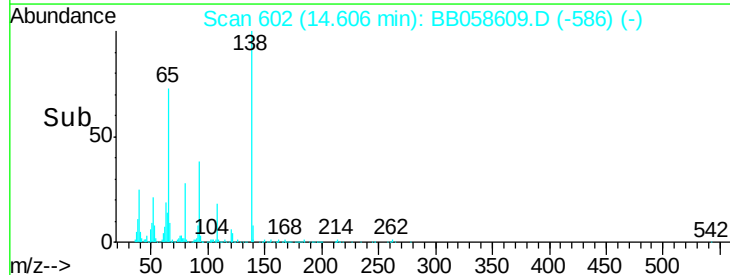
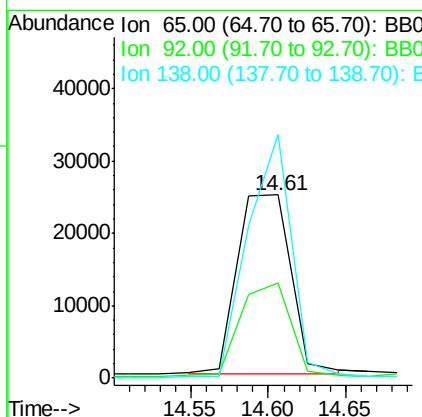
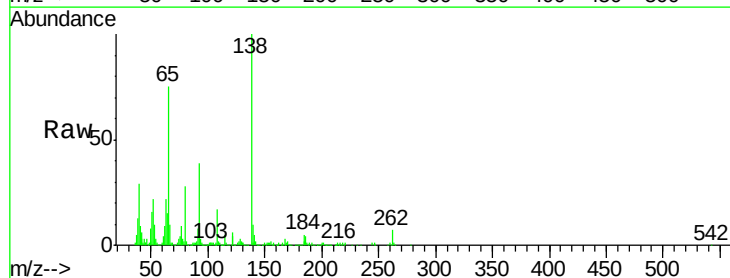
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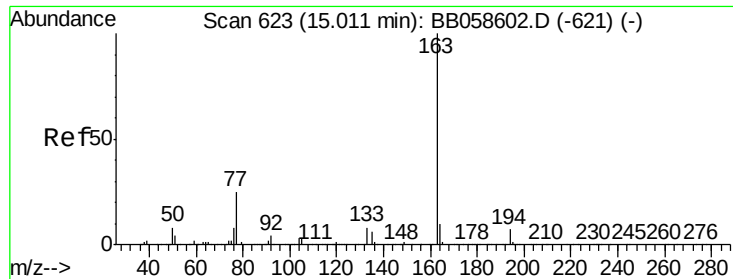
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#42
 2-Nitroaniline
 Concen: 2.70 ng/ul
 RT: 14.61 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BB058609.D
 Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	52.2	55.6	83.4#
138	133.0	81.3	121.9#





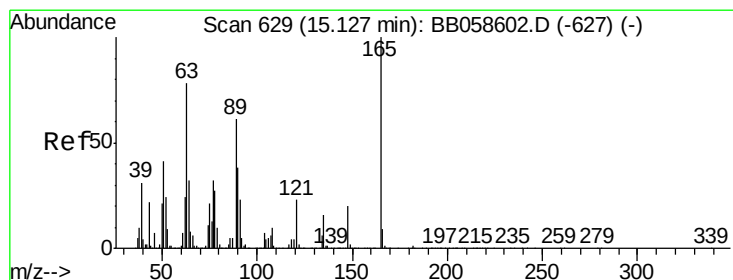
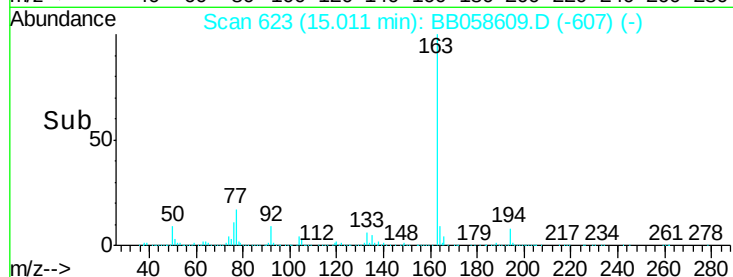
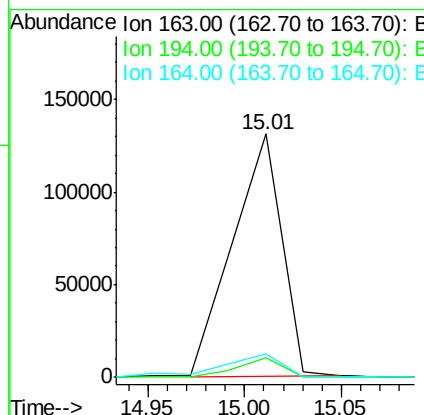
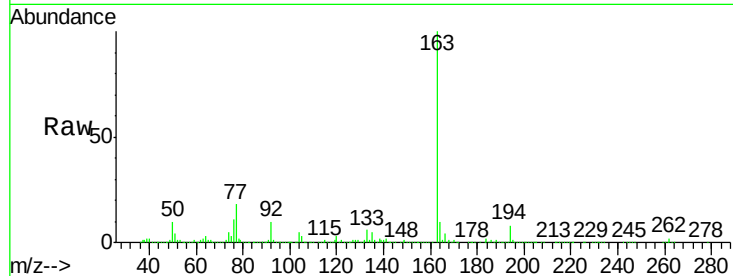
#44
Dimethylphthalate
Concen: 3.20 ng/ul
RT: 15.01 min Scan# 623
Delta R.T. -0.00 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Instrument :
BNA_B
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	228304		
194	7.9	3.4	5.2#	
164	9.6	7.8	11.8	

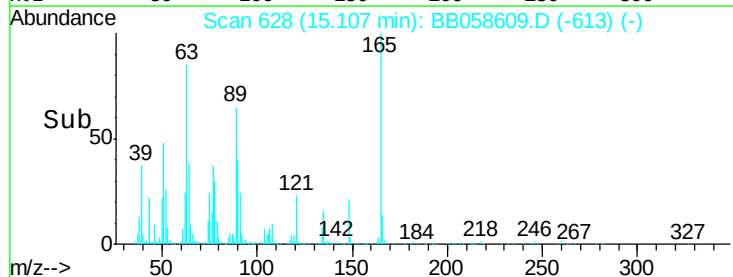
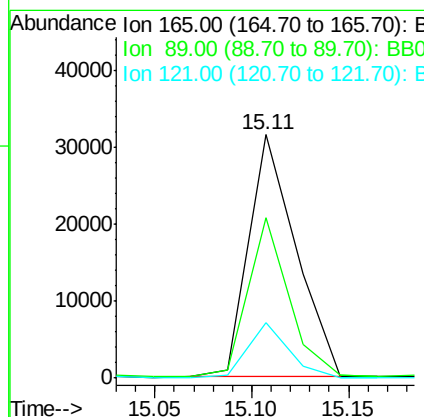
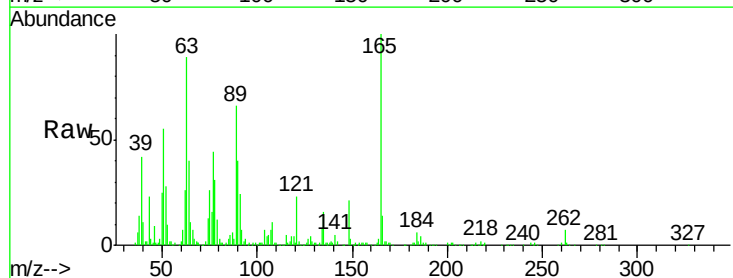
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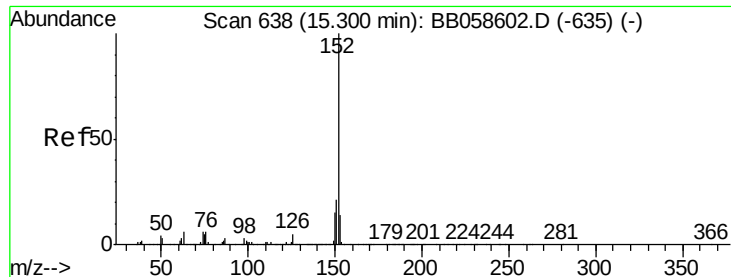
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#45
2,6-Dinitrotoluene
Concen: 2.93 ng/ul
RT: 15.11 min Scan# 628
Delta R.T. -0.02 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	52929		
89	66.1	46.6	69.8	
121	23.0	16.0	24.0	





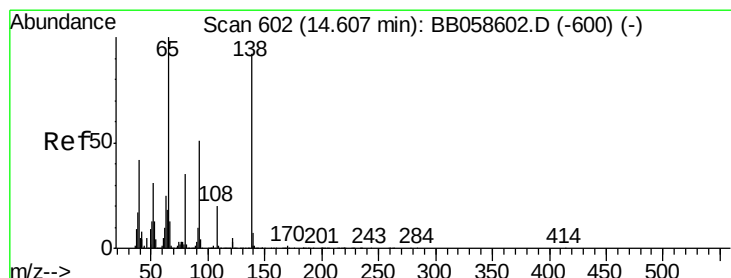
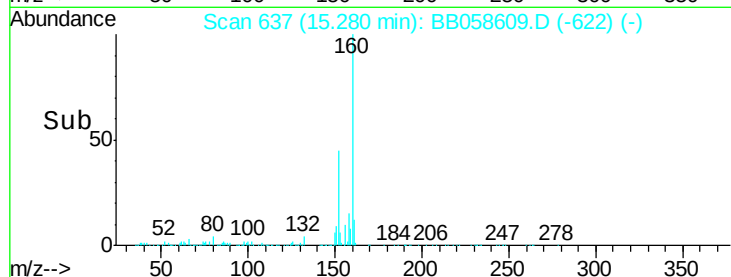
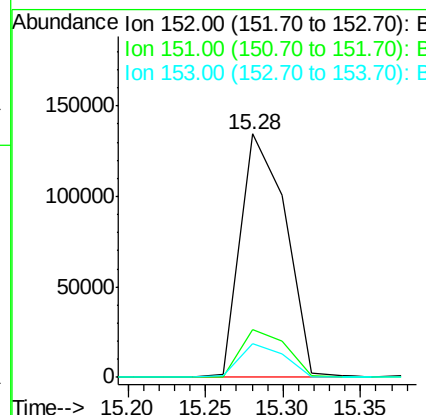
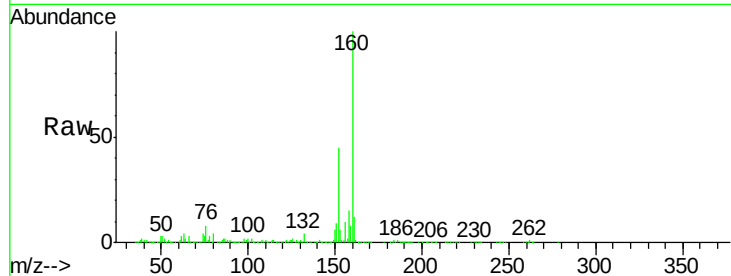
#47
 Acenaphthylene
 Concen: 3.39 ng/ul
 RT: 15.28 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BB058609.D
 Acq: 11 Oct 2016 17:22

Instrument :
 BNA_B
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	19.9	16.0	24.0
153	13.9	11.0	16.6

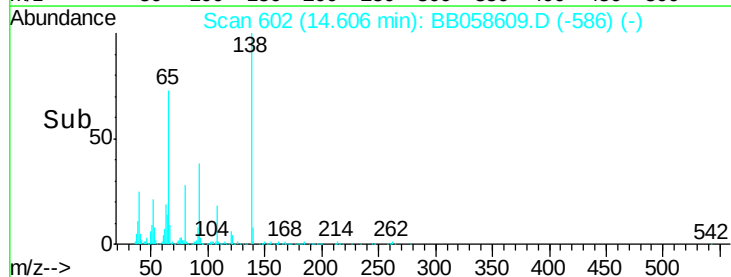
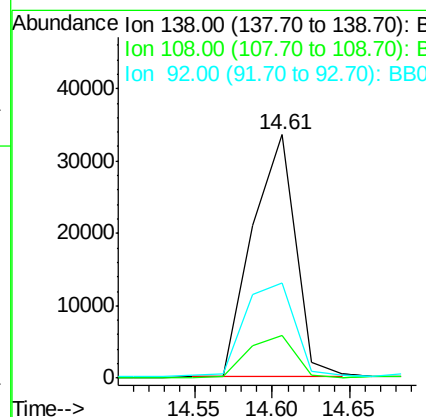
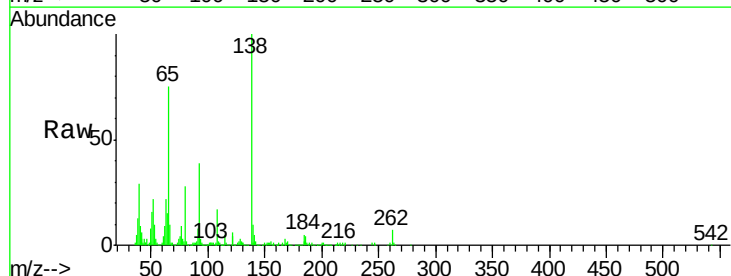
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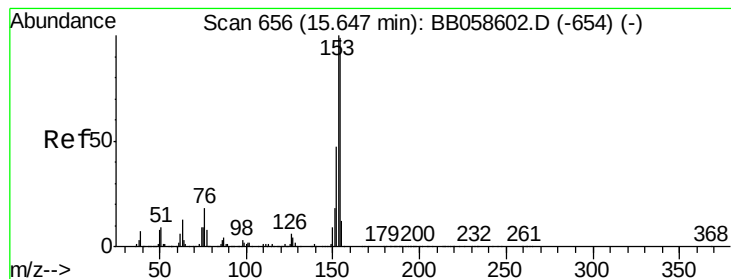
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#48
 3-Nitroaniline
 Concen: 2.78 ng/ul
 RT: 14.61 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BB058609.D
 Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
108	17.5	9.4	14.0#
92	39.2	96.6	145.0#





#49

Acenaphthene

Concen: 3.31 ng/ul

RT: 15.65 min Scan# 656

Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Instrument :

BNA_B

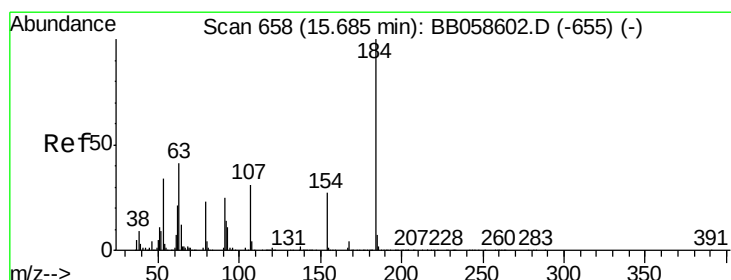
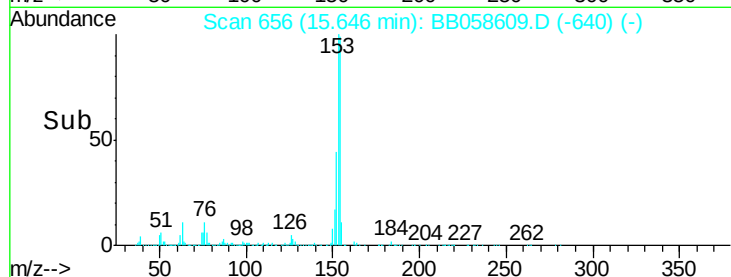
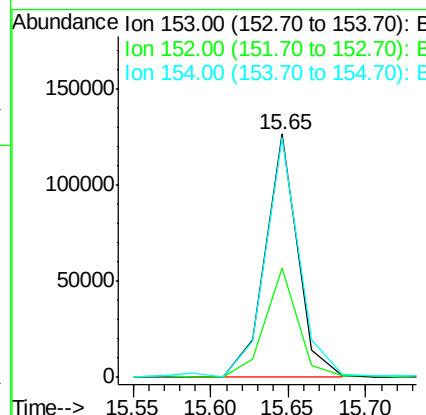
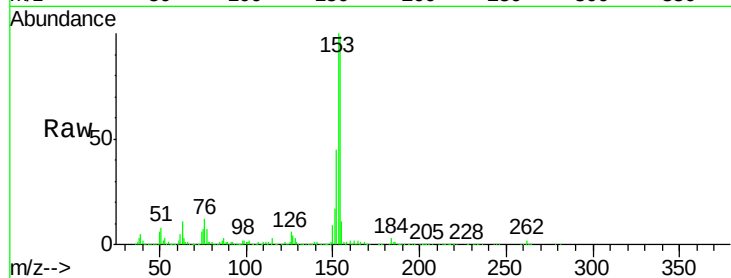
ClientSampleId :

MDL-06-S

Tgt Ion:	153	Resp:	185398
Ion Ratio		Lower	Upper
153	100		
152	44.7	37.8	56.6
154	98.6	71.4	107.0

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#50

2,4-Dinitrophenol

Concen: 1.83 ng/ul

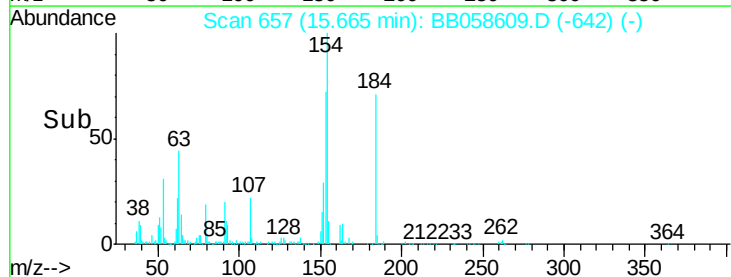
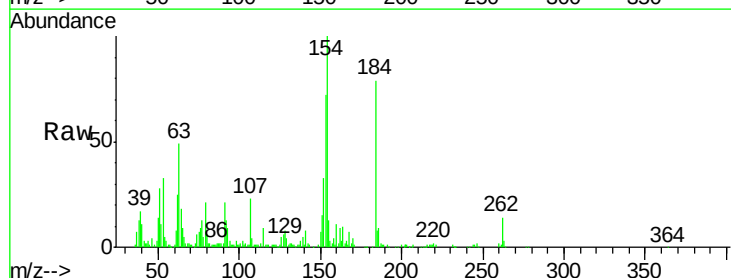
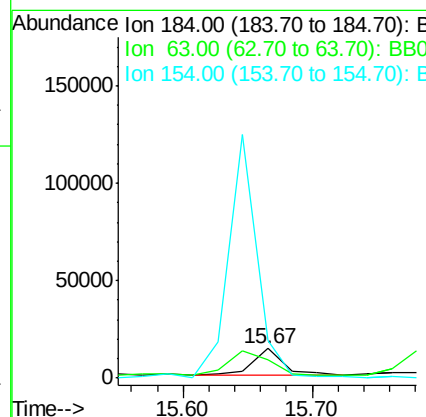
RT: 15.67 min Scan# 657

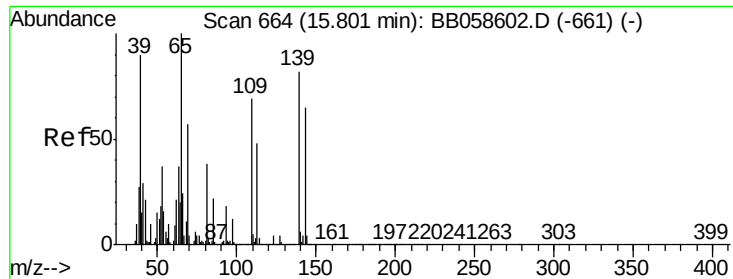
Delta R.T. -0.02 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Tgt Ion:	184	Resp:	23479
Ion Ratio		Lower	Upper
184	100		
63	61.4	43.4	65.0
154	126.5	48.2	72.4#





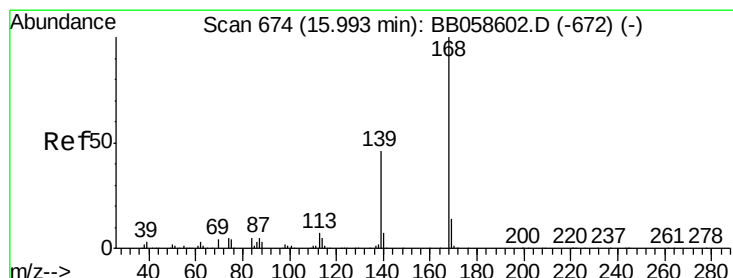
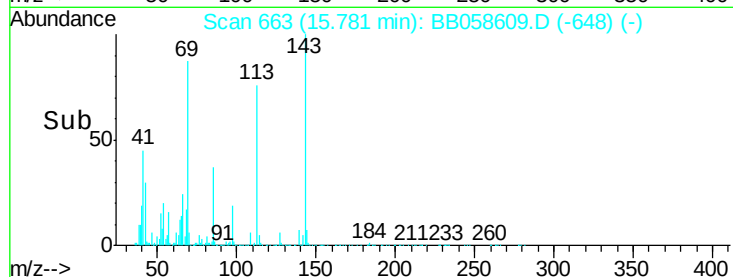
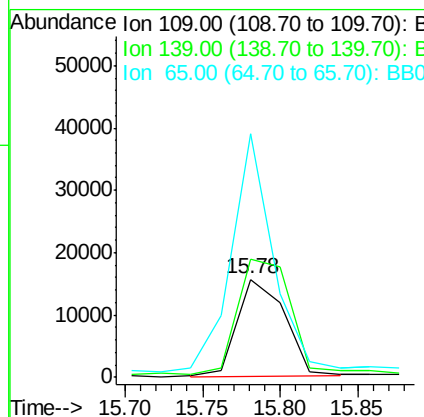
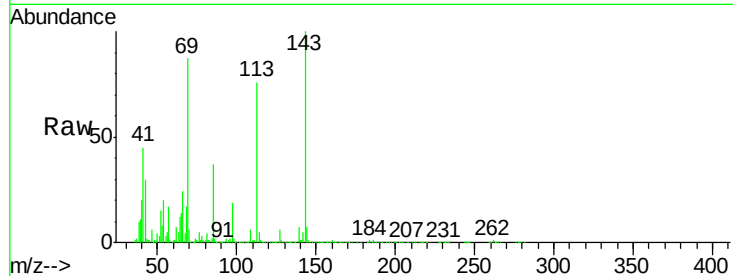
#52
4-Nitrophenol
Concen: 2.54 ng/ul
RT: 15.78 min Scan# 663
Delta R.T. -0.02 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Instrument :
BNA_B
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	33820		
139	120.0	88.7	133.1	
65	247.7	96.4	144.6	

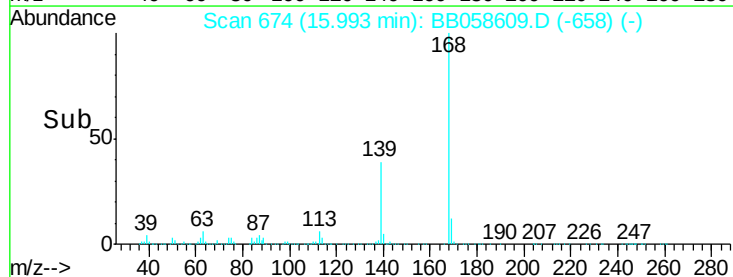
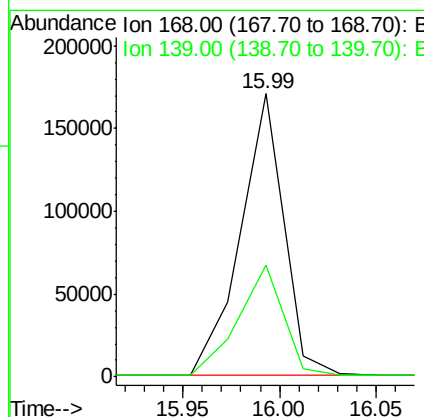
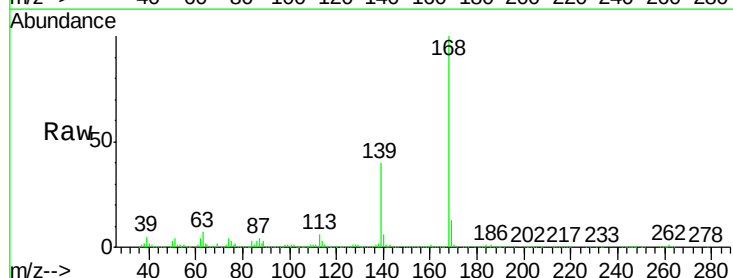
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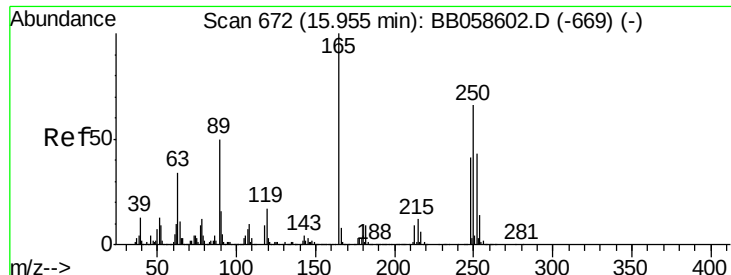
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#53
Dibenzofuran
Concen: 3.29 ng/ul
RT: 15.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	262898		
139	39.6	30.1	45.1	





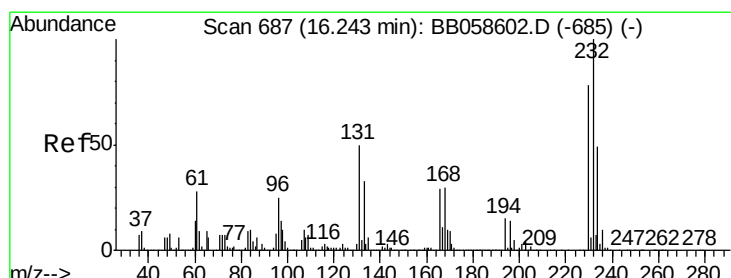
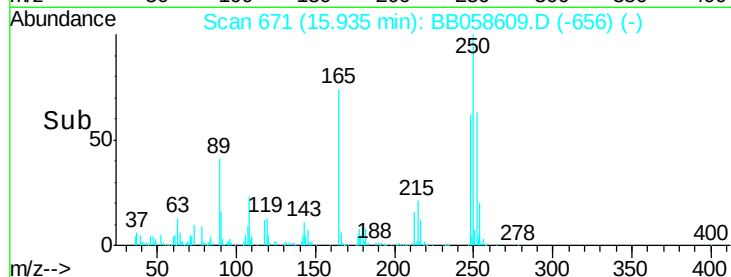
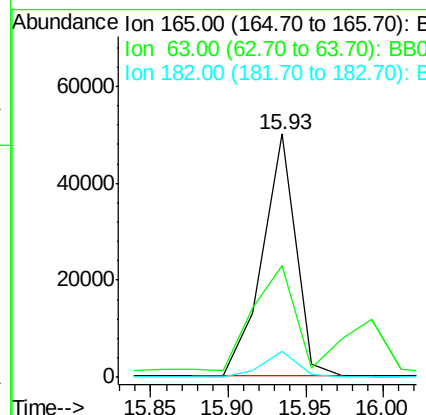
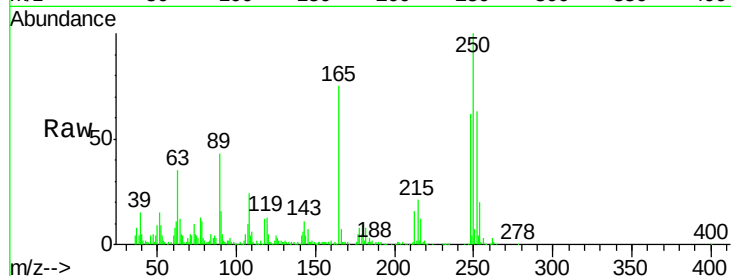
#54
2,4-Dinitrotoluene
Concen: 3.00 ng/ul
RT: 15.93 min Scan# 671
Delta R.T. -0.02 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Instrument :
BNA_B
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	46.1	36.2	54.2
182	10.8	2.2	3.4

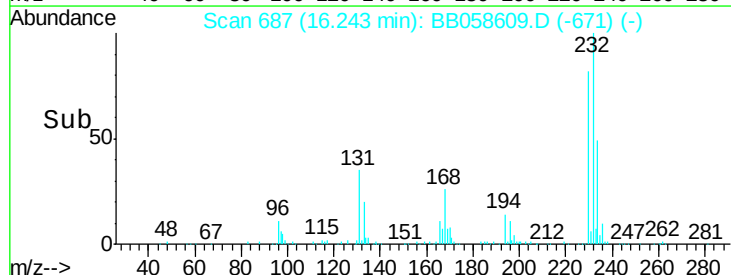
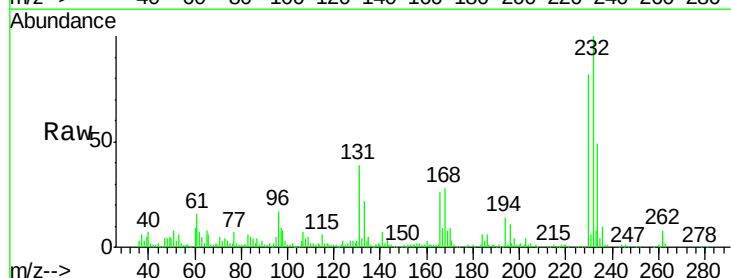
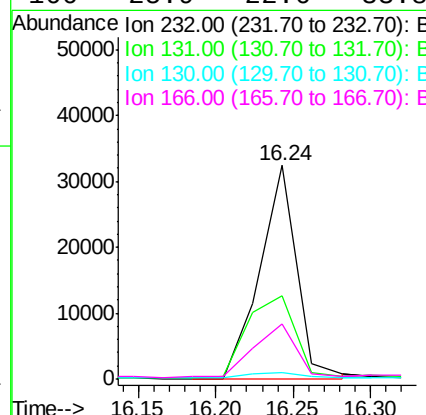
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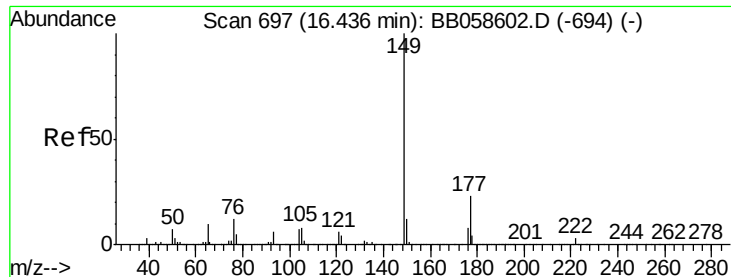
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#55
2,3,4,6-Tetrachlorophenol
Concen: 2.91 ng/ul
RT: 16.24 min Scan# 687
Delta R.T. -0.00 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	39.2	31.4	47.0
130	3.2	1.6	2.4
166	25.9	22.6	33.8





#56

Diethylphthalate

Concen: 3.27 ng/ul

RT: 16.42 min Scan# 696

Delta R.T. -0.02 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Instrument :

BNA_B

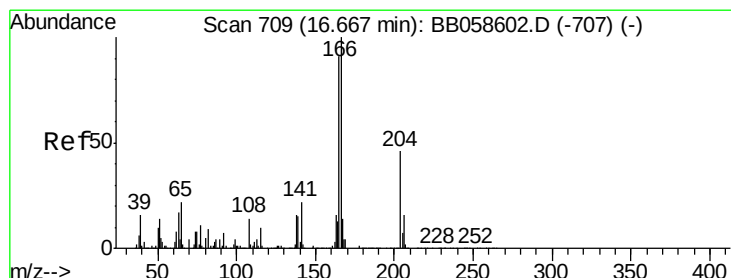
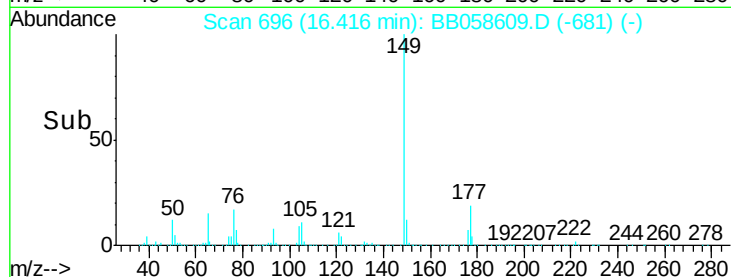
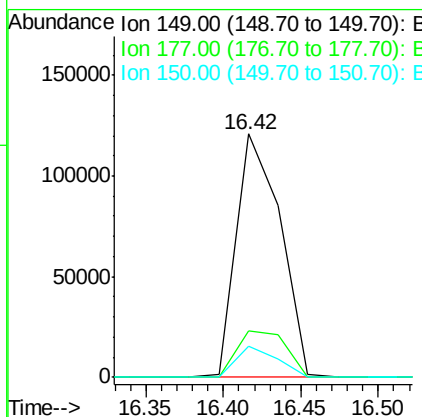
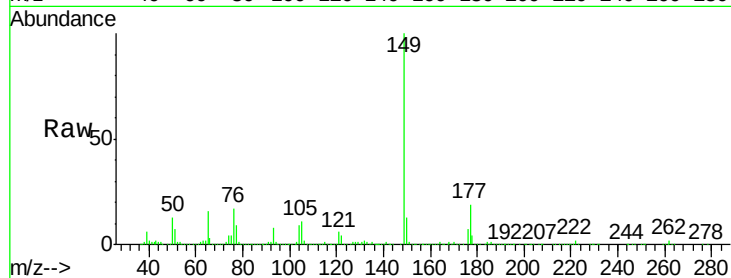
ClientSampleId :

MDL-06-S

Tgt Ion:	149	Resp:	242241
Ion Ratio	Lower	Upper	
149	100		
177	18.8	18.6	28.0
150	12.6	10.0	15.0

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#58

Fluorene

Concen: 3.27 ng/ul

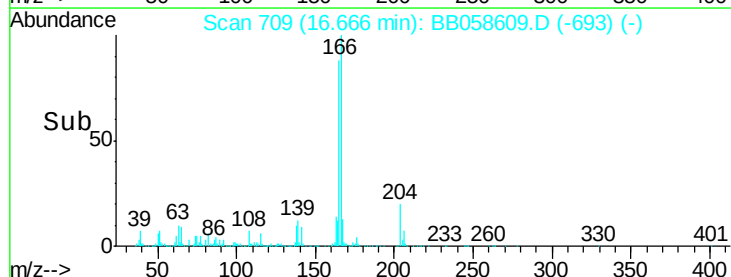
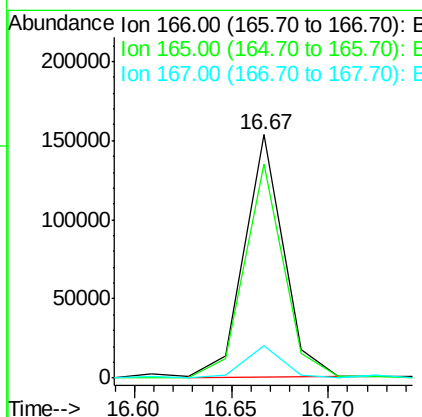
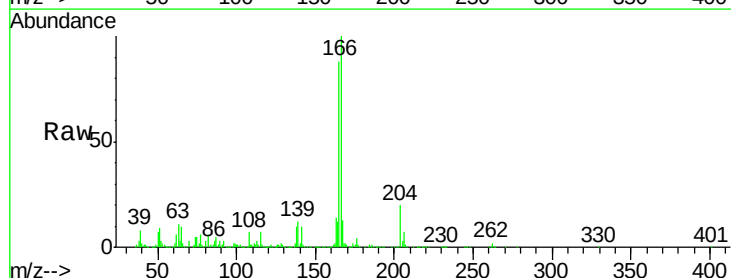
RT: 16.67 min Scan# 709

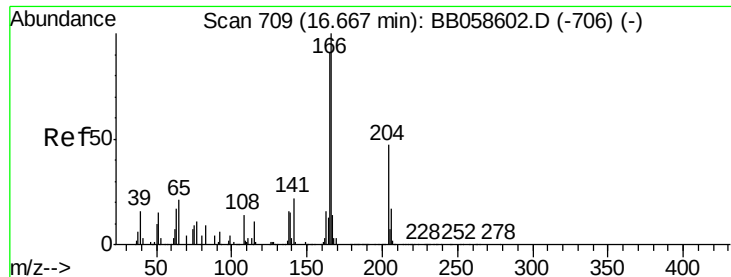
Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Tgt Ion:	166	Resp:	212516
Ion Ratio	Lower	Upper	
166	100		
165	88.1	79.9	119.9
167	13.4	10.5	15.7





#59

4-Chlorophenyl-phenylether

Concen: 3.02 ng/ul

RT: 16.65 min Scan# 708

Delta R.T. -0.02 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Instrument :

BNA_B

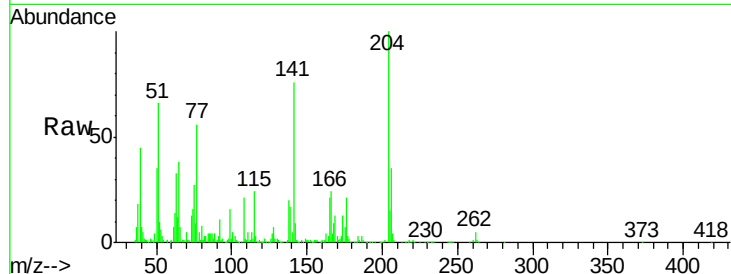
ClientSampleId :

MDL-06-S

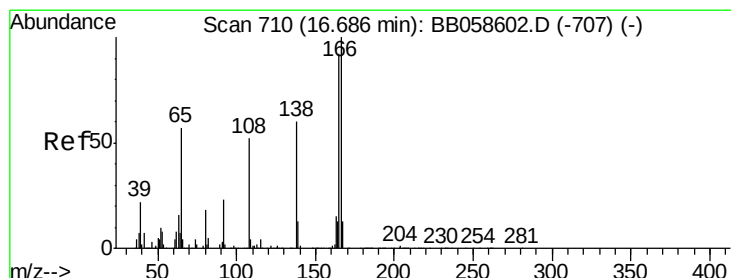
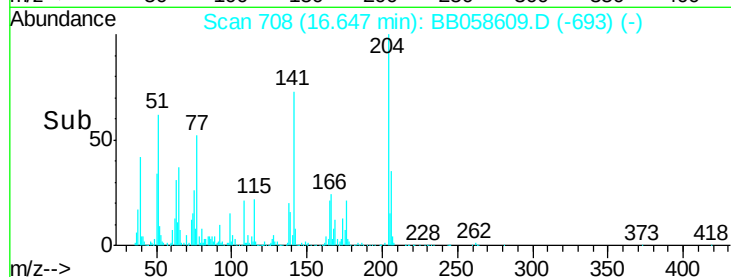
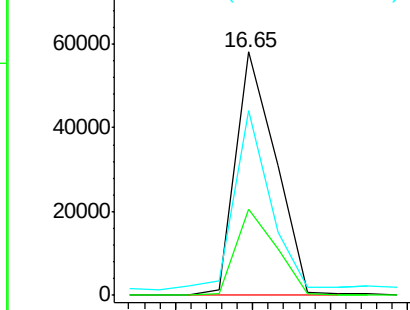
Tgt Ion:	204	Resp:	105361
Ion Ratio	Lower	Upper	
204	100		
206	35.2	25.9	38.9
141	75.7	46.1	69.1#

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Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#60

4-Nitroaniline

Concen: 1.84 ng/ul

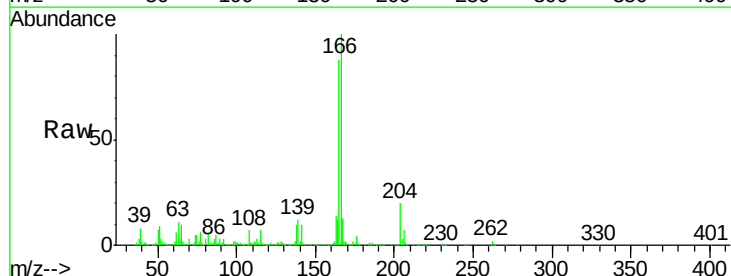
RT: 16.67 min Scan# 709

Delta R.T. -0.02 min

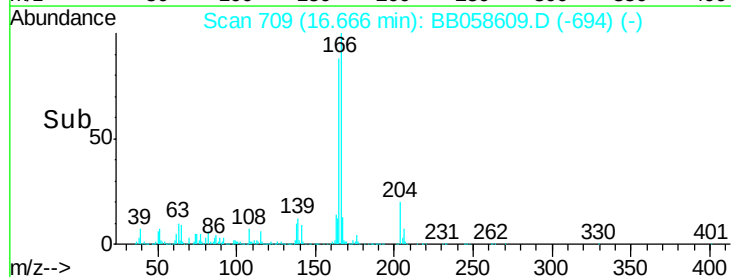
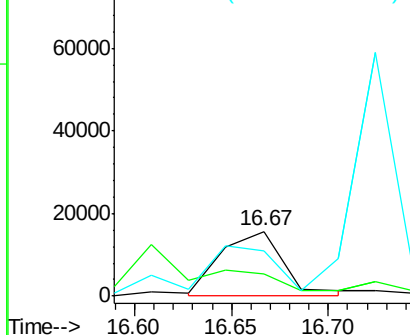
Lab File: BB058609.D

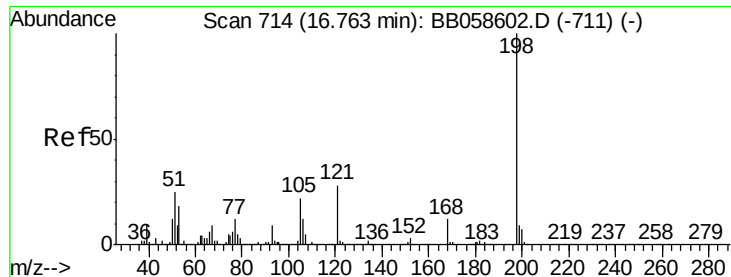
Acq: 11 Oct 2016 17:22

Tgt Ion:	138	Resp:	34277
Ion Ratio	Lower	Upper	
138	100		
92	33.5	43.5	65.3#
108	71.0	80.3	120.5#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BB0
Ion 108.00 (107.70 to 108.70): E





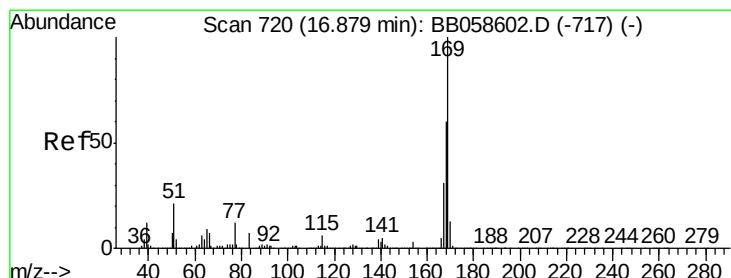
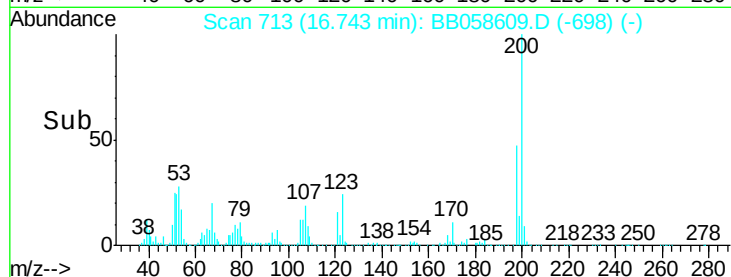
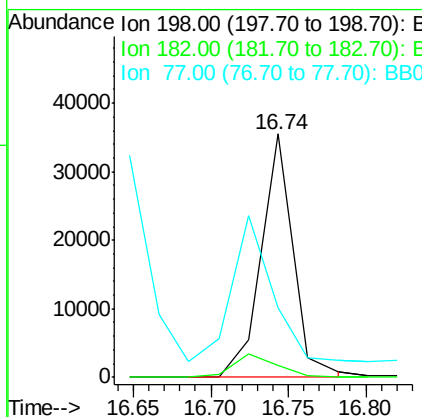
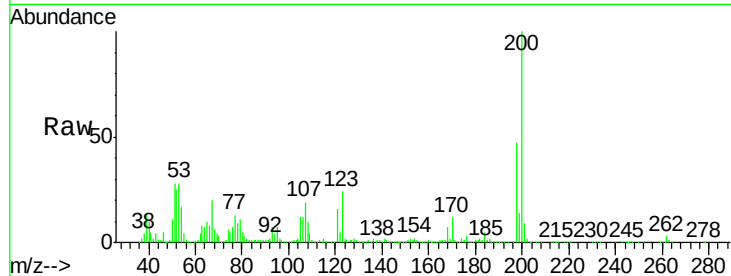
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.83 ng/ul
 RT: 16.74 min Scan# 713
 Delta R.T. -0.02 min
 Lab File: BB058609.D
 Acq: 11 Oct 2016 17:22

Instrument :
 BNA_B
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	51819		
182	5.0	3.3	4.9#	
77	28.7	21.8	32.6	

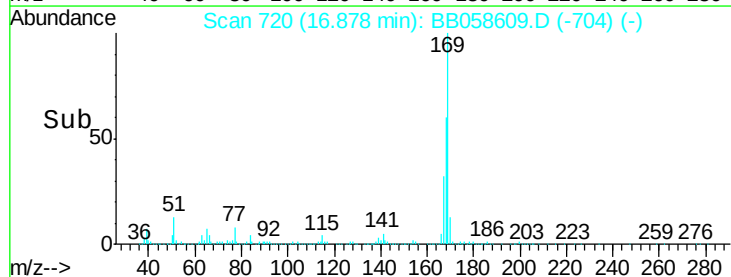
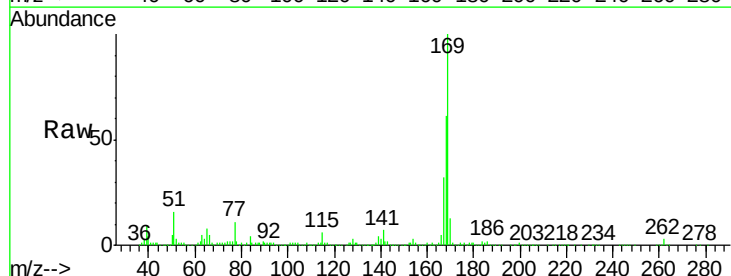
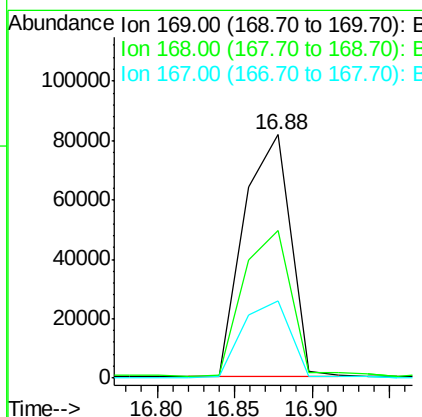
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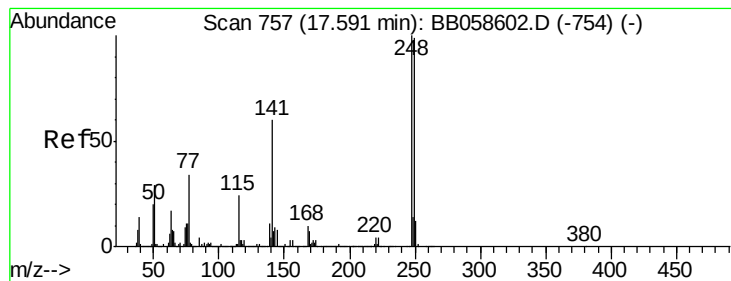
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#64
 N-Nitrosodiphenylamine
 Concen: 3.07 ng/ul
 RT: 16.88 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BB058609.D
 Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	171241		
168	60.6	52.6	79.0	
167	31.7	28.6	43.0	





#65

4-Bromophenyl-phenylether

Concen: 2.87 ng/ul m

RT: 17.59 min Scan# 757

Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Instrument :

BNA_B

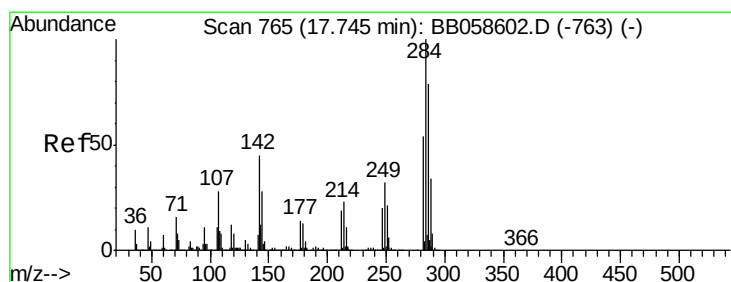
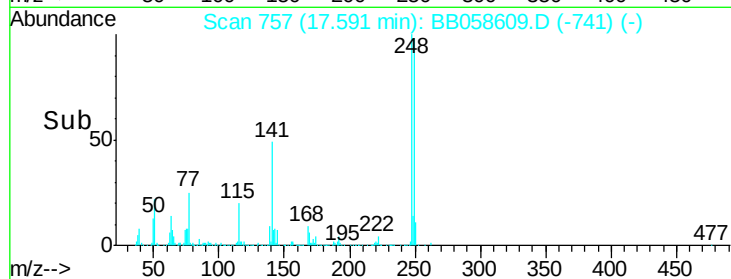
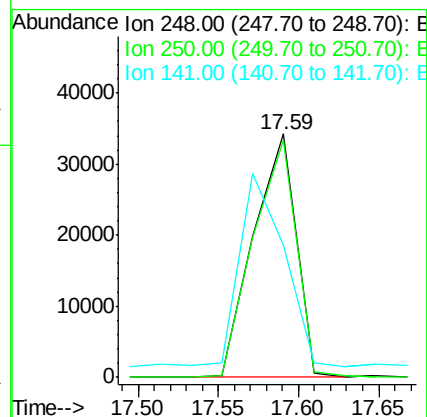
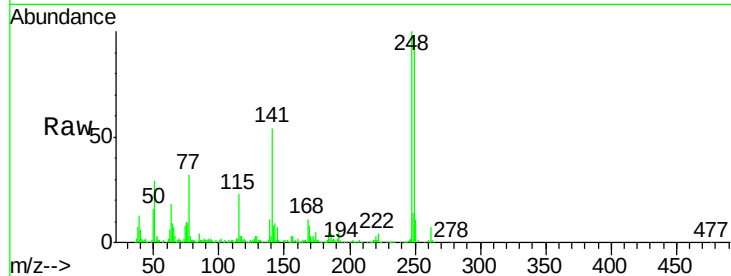
ClientSampleId :

MDL-06-S

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	79.7	119.5
141	54.3	58.3	87.5

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#66

Hexachlorobenzene

Concen: 3.23 ng/ul

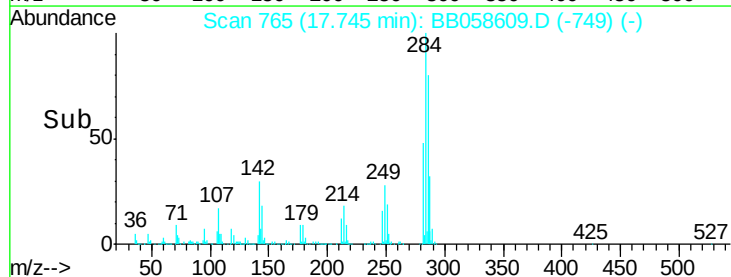
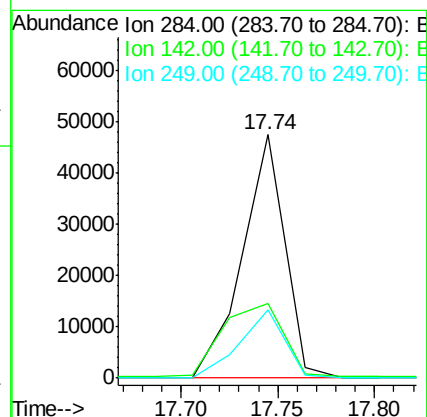
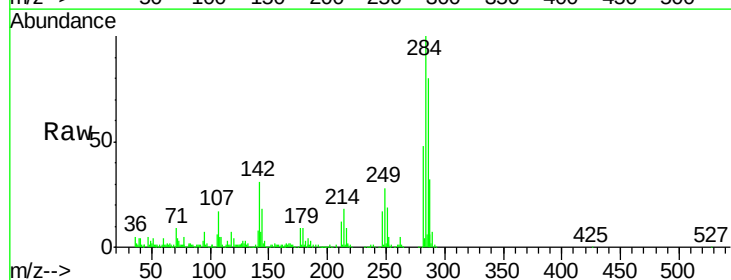
RT: 17.74 min Scan# 765

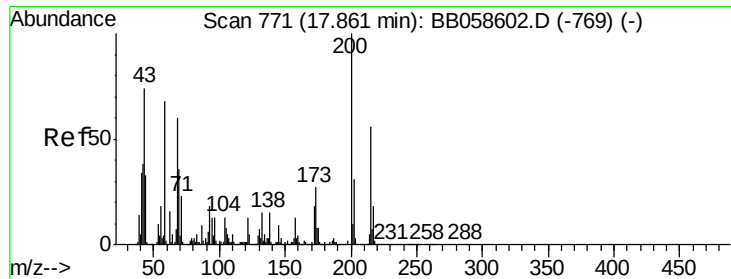
Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	24.9	37.3
249	27.9	25.5	38.3





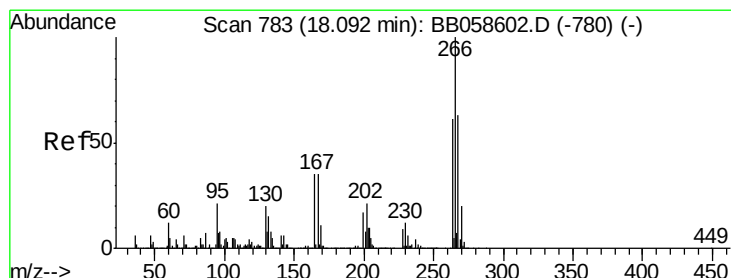
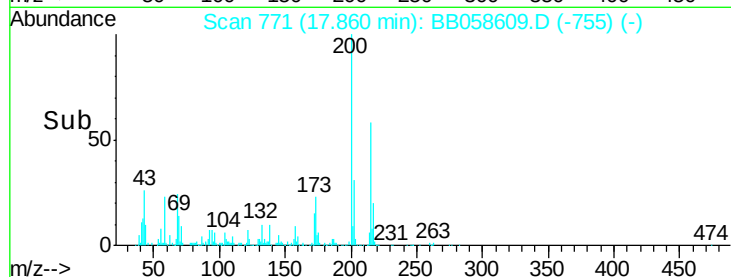
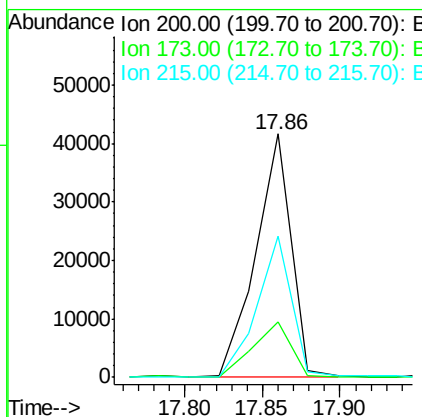
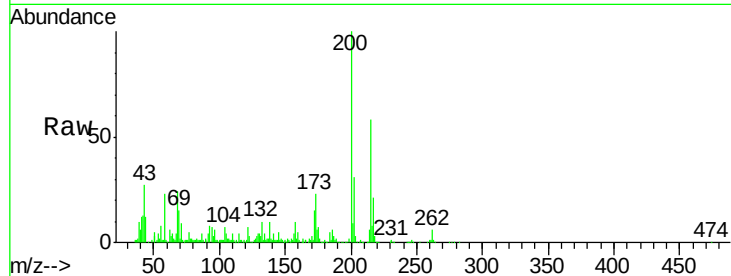
#67
Atrazine
Concen: 3.11 ng/ul
RT: 17.86 min Scan# 771
Delta R.T. -0.00 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Instrument :
BNA_B
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.5	18.9	28.3
215	58.1	39.5	59.3

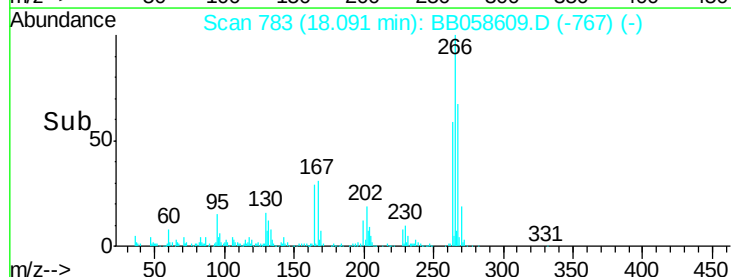
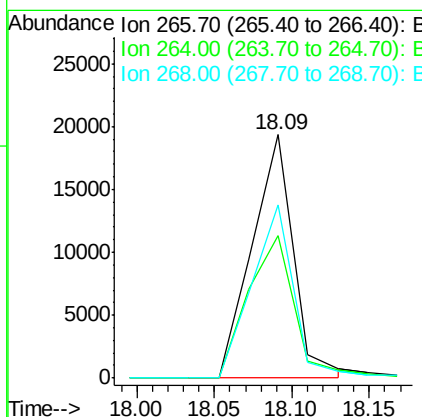
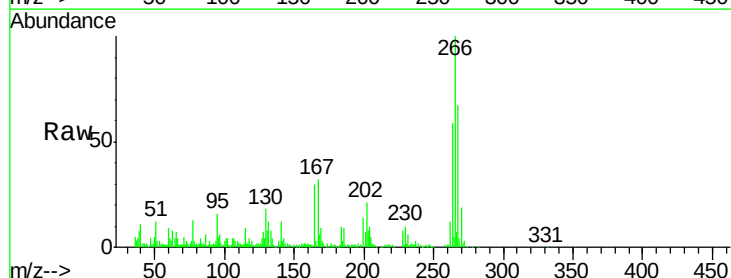
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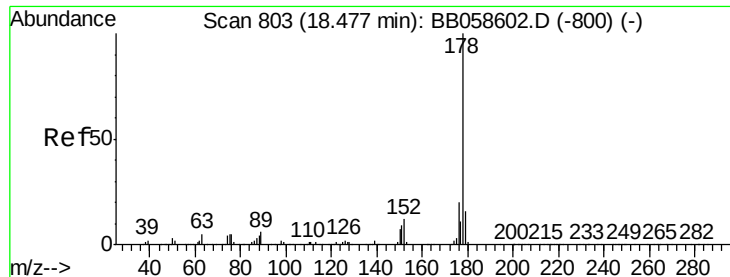
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#68
Pentachlorophenol
Concen: 2.31 ng/ul
RT: 18.09 min Scan# 783
Delta R.T. -0.00 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	58.5	50.6	75.8
268	70.9	51.0	76.6





#69

Phenanthrene

Concen: 3.52 ng/ul m

RT: 18.48 min Scan# 803

Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Instrument :

BNA_B

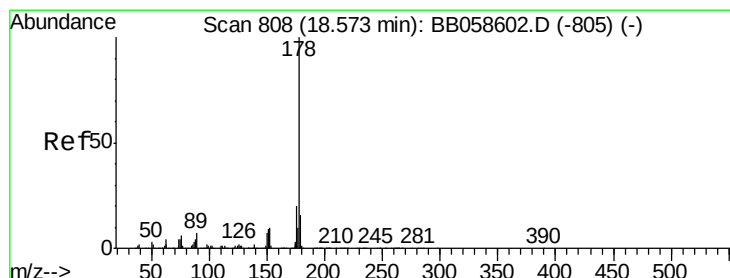
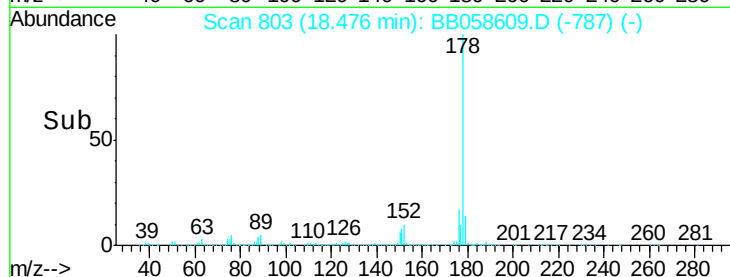
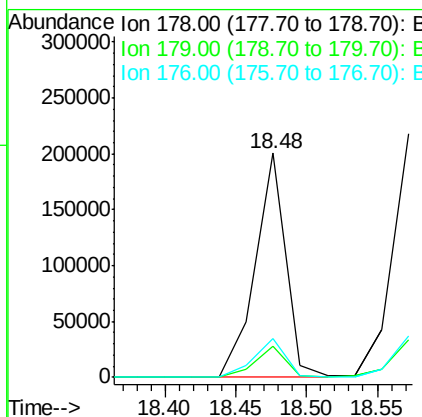
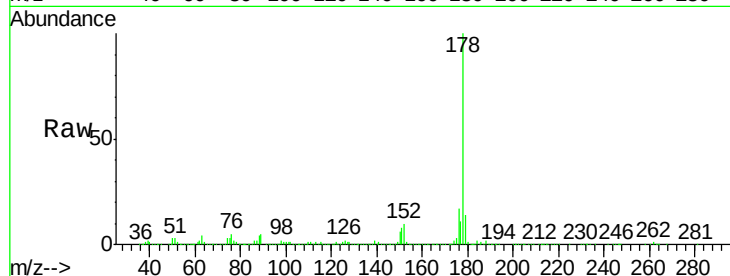
ClientSampled :

MDL-06-S

Tgt Ion:	178	Resp:	302766
Ion Ratio	Lower	Upper	
178	100		
179	14.1	12.2	18.2
176	17.1	15.1	22.7

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#71

Anthracene

Concen: 3.53 ng/ul

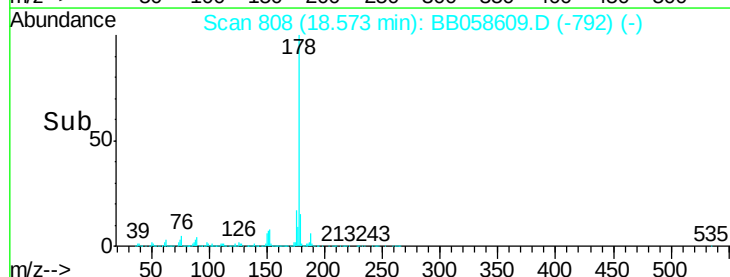
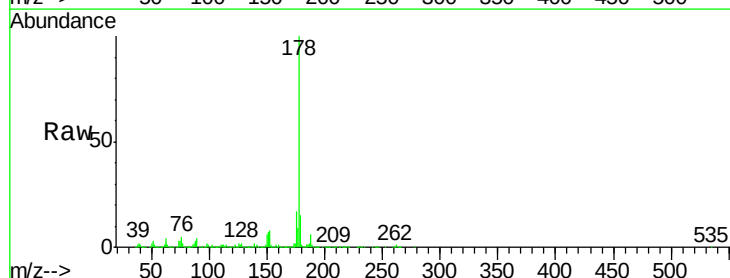
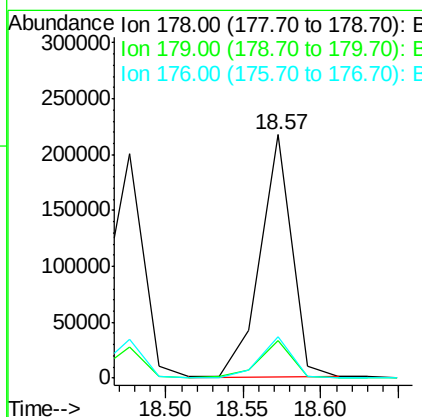
RT: 18.57 min Scan# 808

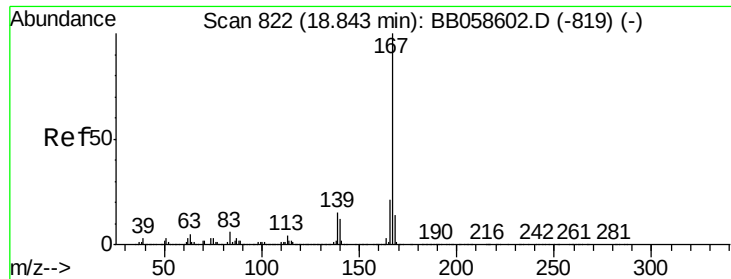
Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Tgt Ion:	178	Resp:	310199
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.1	18.1
176	17.2	14.5	21.7





#72

Carbazole

Concen: 3.42 ng/ul

RT: 18.84 min Scan# 822

Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Instrument :

BNA_B

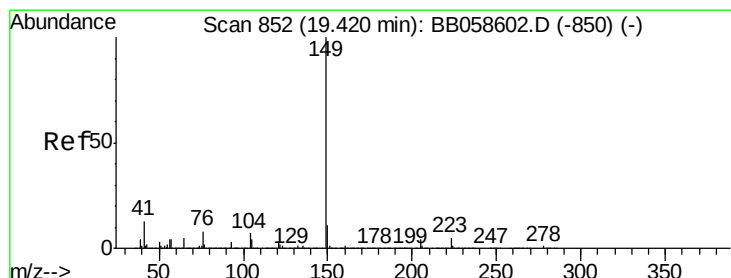
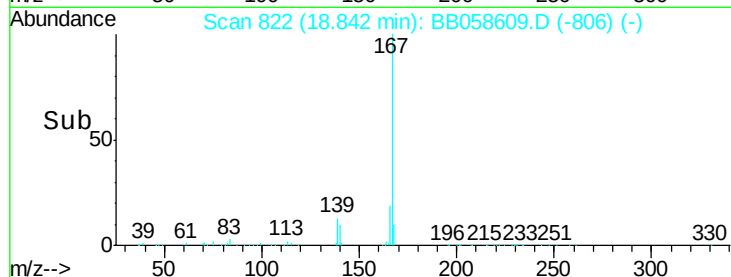
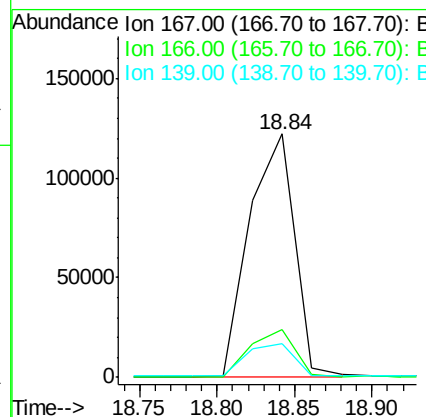
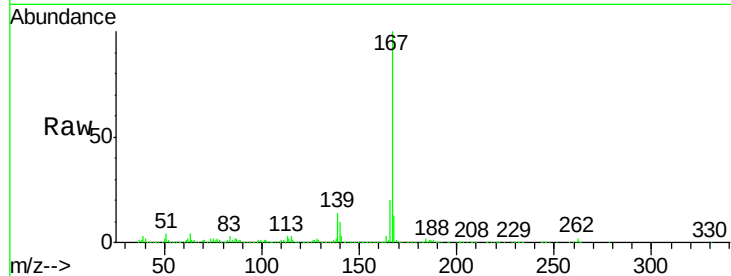
ClientSampleId :

MDL-06-S

Tgt Ion:	167	Resp:	251249
Ion Ratio	Lower	Upper	
167	100		
166	19.6	16.6	25.0
139	13.7	10.2	15.4

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#73

Di-n-butylphthalate

Concen: 3.79 ng/ul

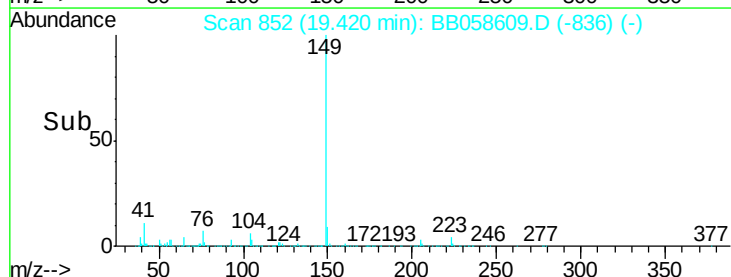
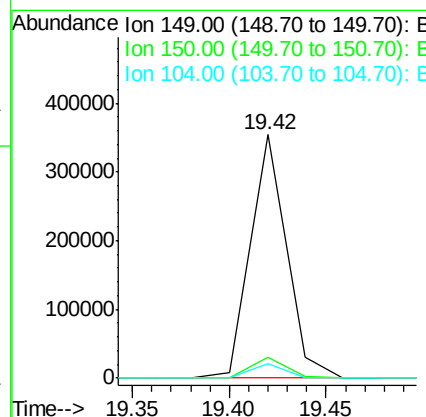
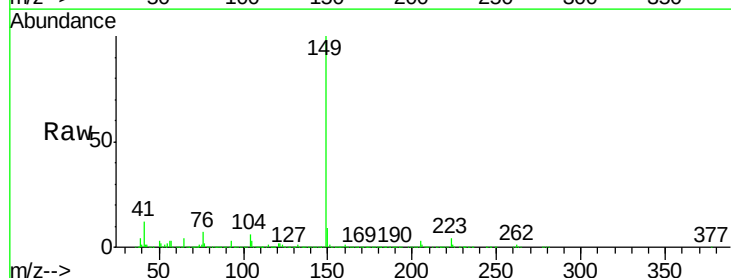
RT: 19.42 min Scan# 852

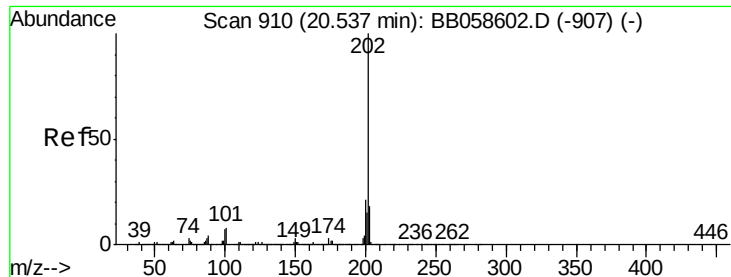
Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Tgt Ion:	149	Resp:	454373
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.6	11.4
104	6.2	4.6	7.0





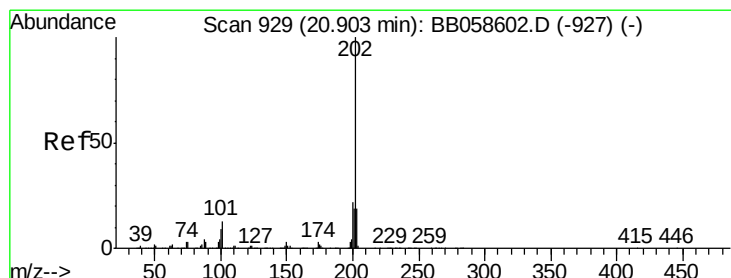
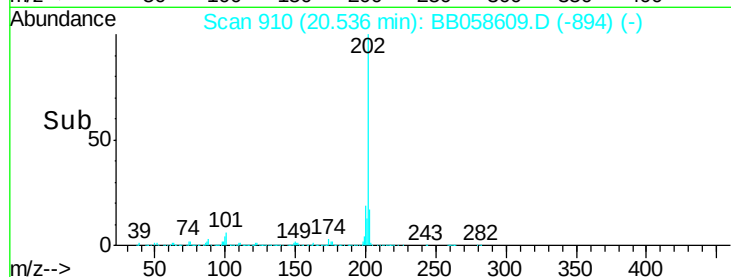
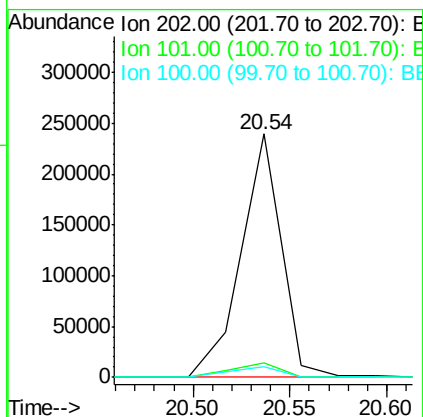
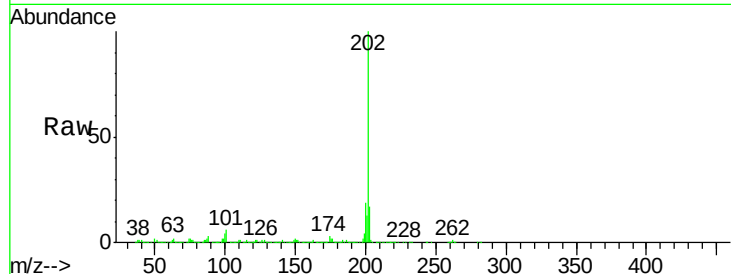
#74
Fluoranthene
Concen: 3.89 ng/ul
RT: 20.54 min Scan# 910
Delta R.T. -0.00 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Instrument :
BNA_B
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	6.0	6.9	10.3#
100	4.5	5.4	8.0#

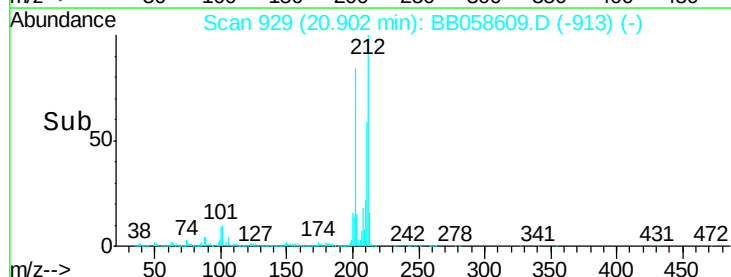
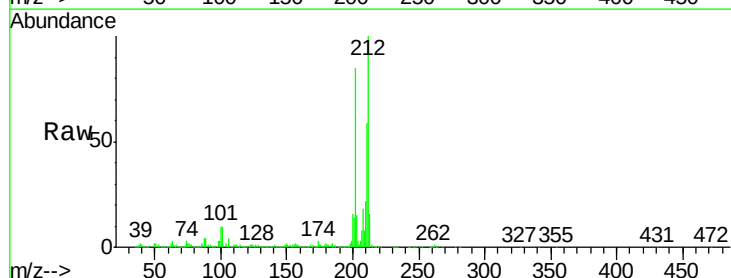
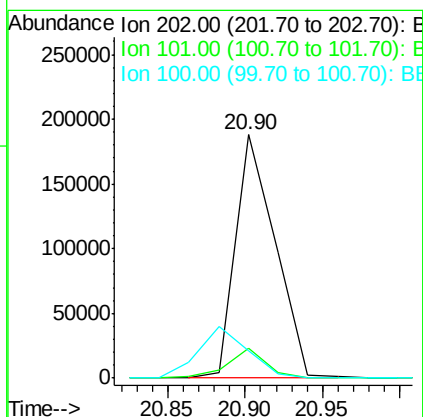
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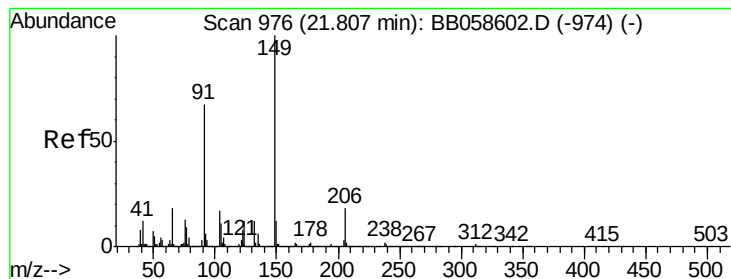
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#77
Pyrene
Concen: 3.53 ng/ul
RT: 20.90 min Scan# 929
Delta R.T. -0.00 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.0	8.4	12.6
100	11.3	6.9	10.3#





#78

Butylbenzylphthalate

Concen: 2.82 ng/ul

RT: 21.81 min Scan# 976

Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Instrument :

BNA_B

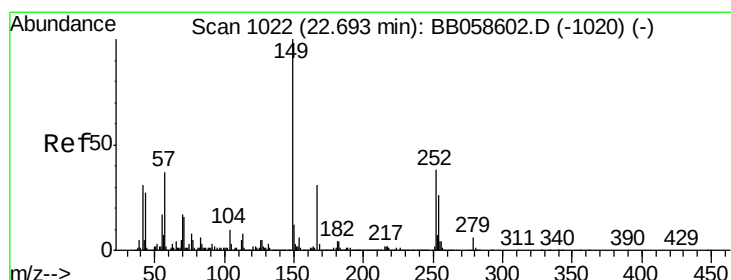
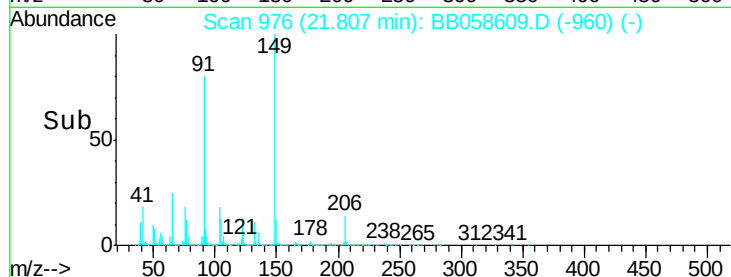
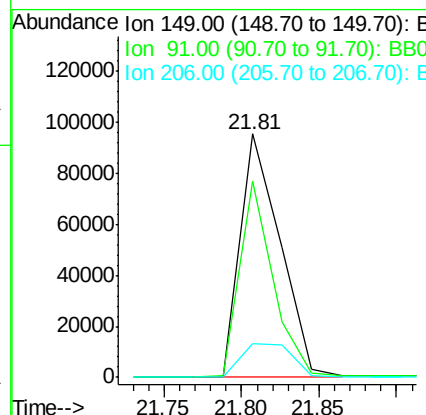
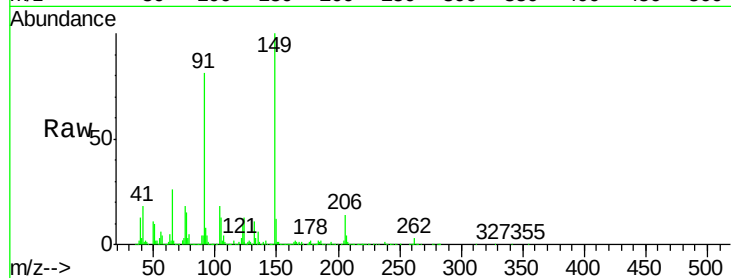
ClientSampleId :

MDL-06-S

Tgt Ion:	149	Resp:	173152
Ion Ratio	Lower	Upper	
149	100		
91	80.5	57.3	85.9
206	13.8	18.6	27.8#

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#79

3,3'-Dichlorobenzidine

Concen: 1.99 ng/ul

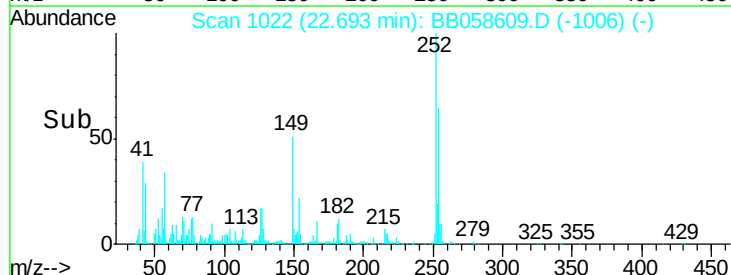
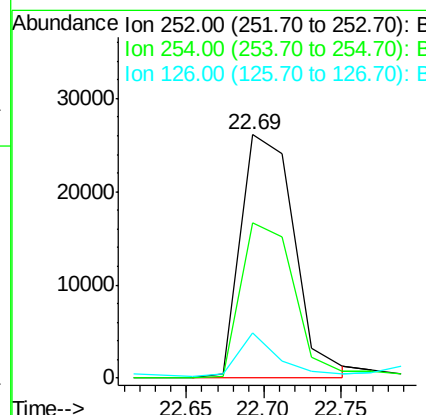
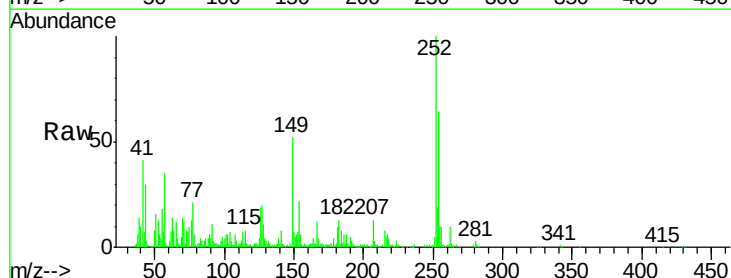
RT: 22.69 min Scan# 1022

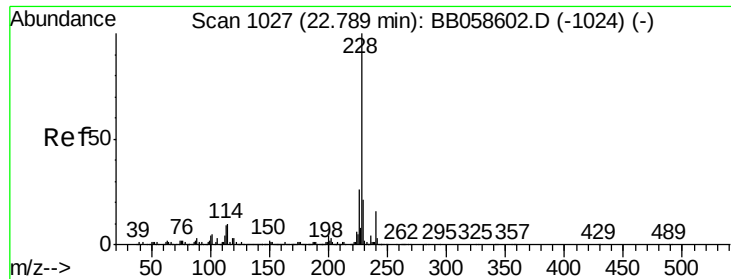
Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Tgt Ion:	252	Resp:	63692
Ion Ratio	Lower	Upper	
252	100		
254	64.0	51.0	76.4
126	18.6	7.1	10.7#





#80

Benzo(a)anthracene

Concen: 3.48 ng/ul

RT: 22.79 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Instrument :

BNA_B

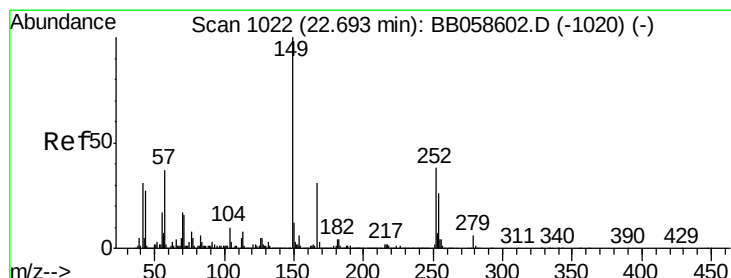
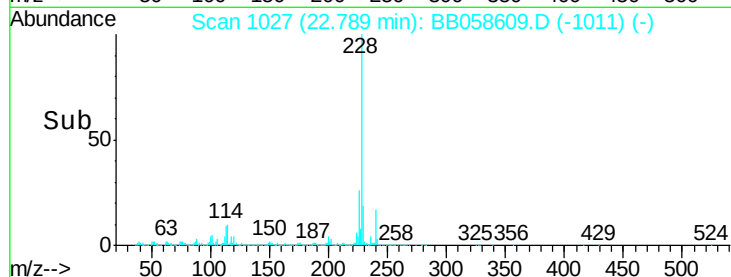
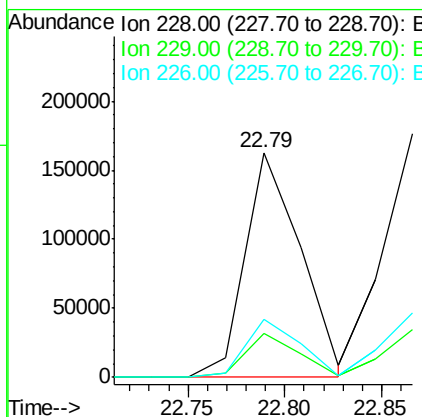
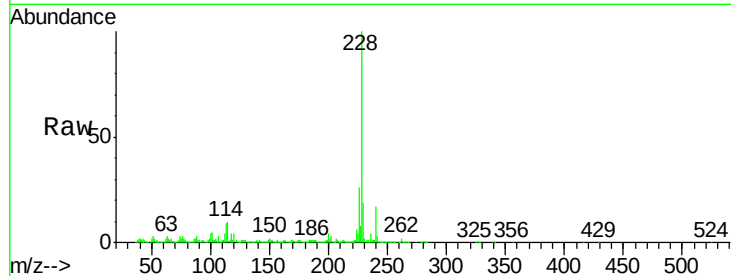
ClientSampleId :

MDL-06-S

Tgt Ion:	228	Resp:	321644
Ion Ratio	Lower	Upper	
228	100		
229	19.4	15.6	23.4
226	26.1	21.8	32.8

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#81

Bis(2-ethylhexyl)phthalate

Concen: 3.31 ng/ul

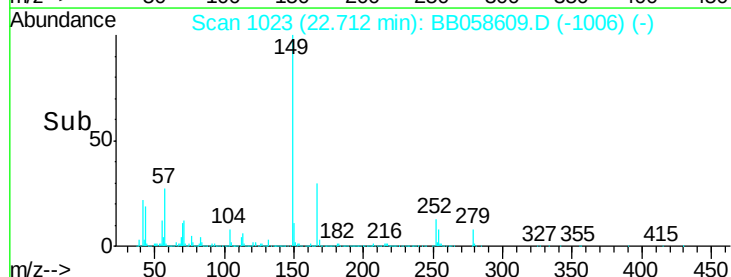
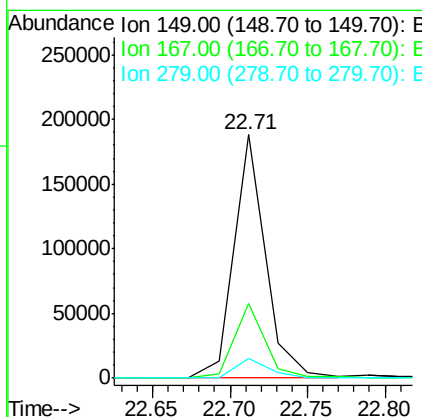
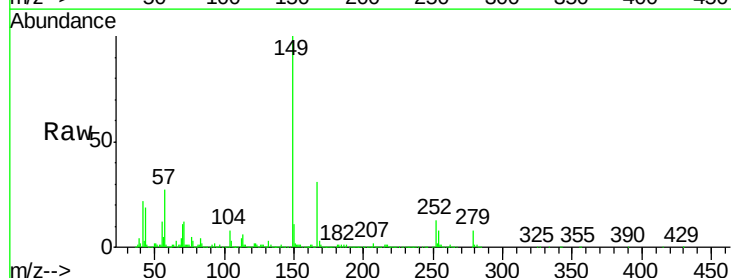
RT: 22.71 min Scan# 1023

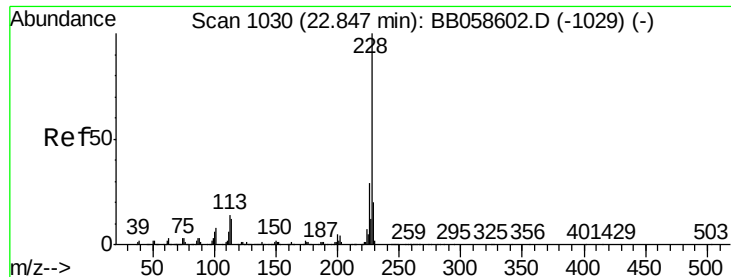
Delta R.T. 0.02 min

Lab File: BB058609.D

Acq: 11 Oct 2016 17:22

Tgt Ion:	149	Resp:	270189
Ion Ratio	Lower	Upper	
149	100		
167	30.5	23.2	34.8
279	8.2	4.1	6.1#





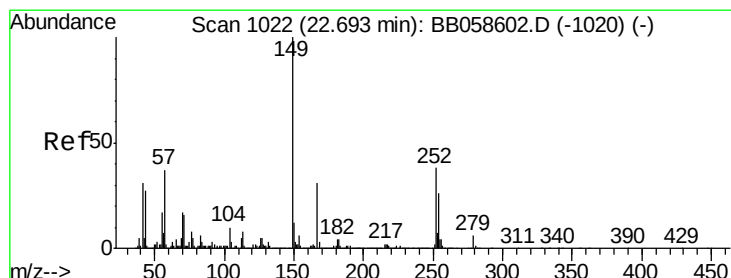
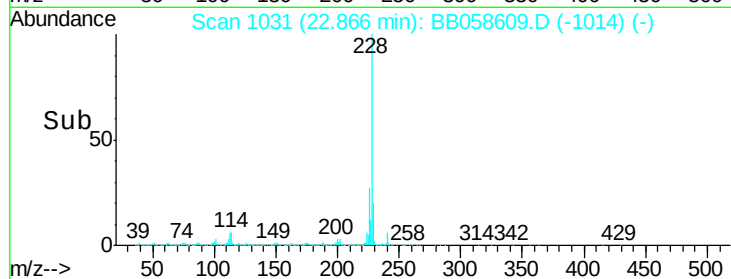
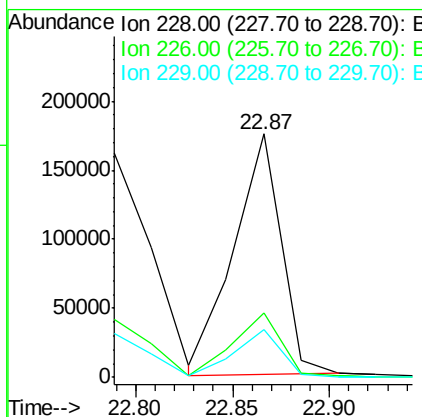
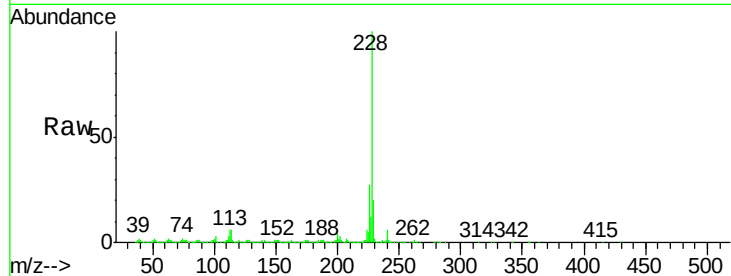
#82
Chrysene
Concen: 3.38 ng/ul
RT: 22.87 min Scan# 1031
Delta R.T. 0.02 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Instrument :
BNA_B
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	293072		
226	26.7	23.4	35.2	
229	19.6	15.5	23.3	

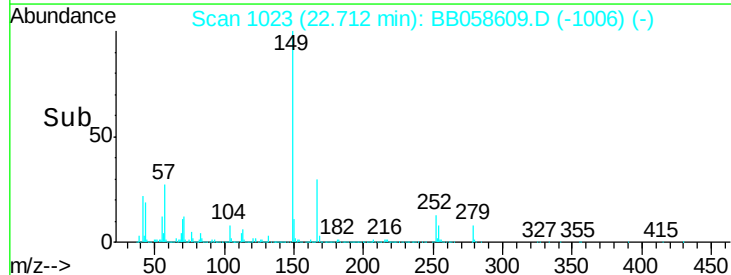
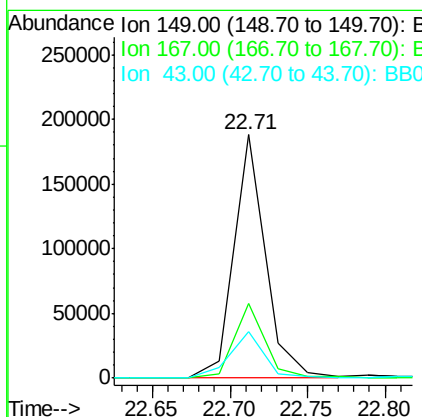
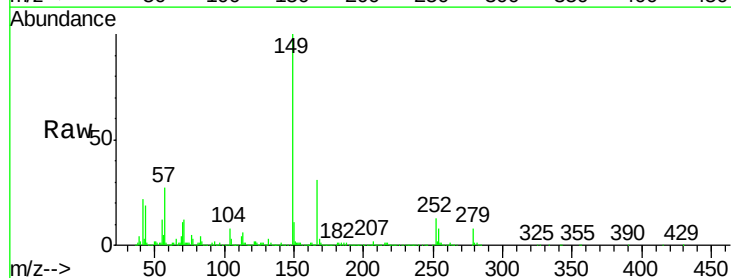
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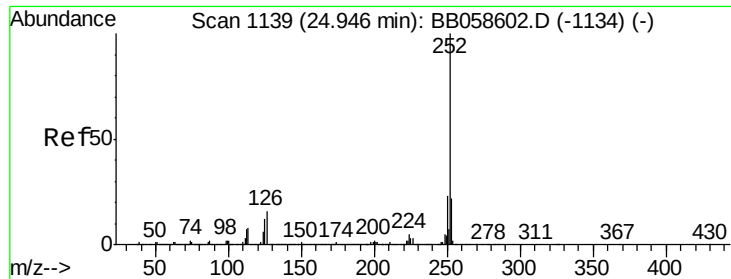
umangi
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#84
Di-n-octyl phthalate
Concen: 3.49 ng/ul
RT: 22.71 min Scan# 1023
Delta R.T. 0.02 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	270189		
167	30.5	1.3	1.9#	
43	19.0	6.6	10.0#	





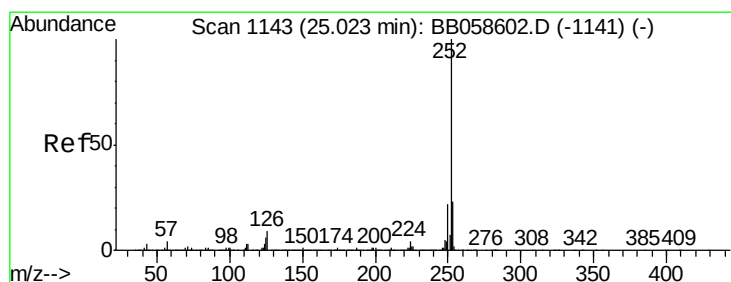
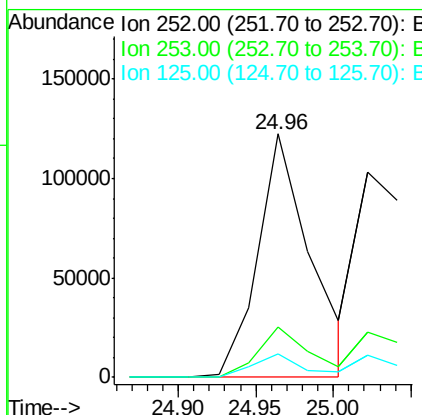
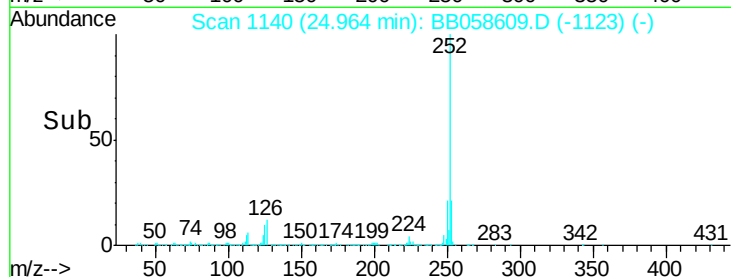
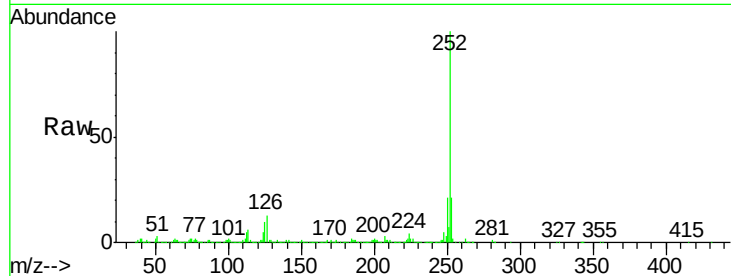
#85
Benzo(b)fluoranthene
Concen: 2.95 ng/ul
RT: 24.96 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Instrument :
BNA_B
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.1	25.7
125	9.7	5.8	8.8#

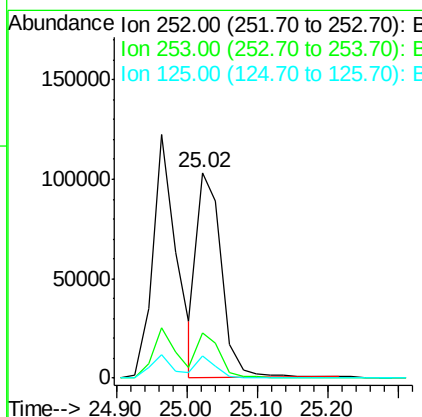
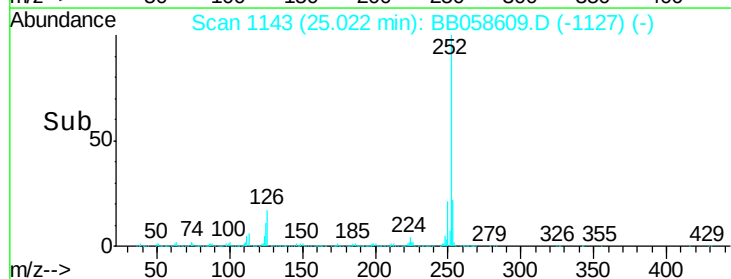
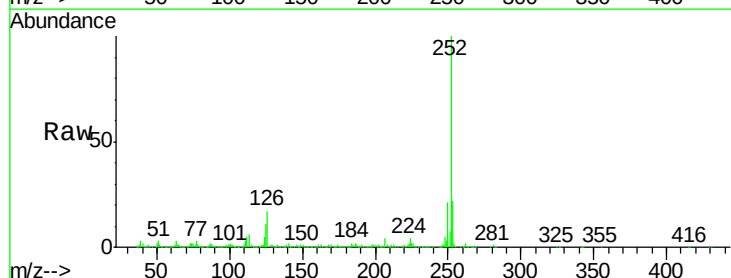
Manual Integrations
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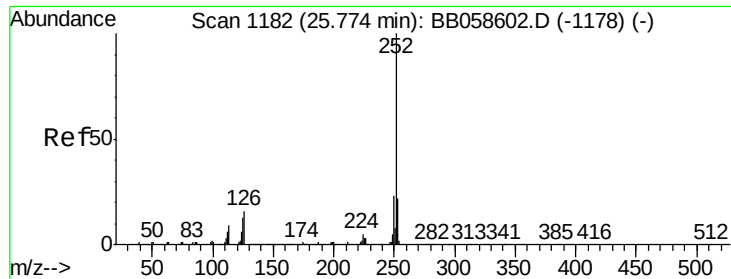
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#86
Benzo(k)fluoranthene
Concen: 3.28 ng/ul
RT: 25.02 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.0	5.7	8.5#





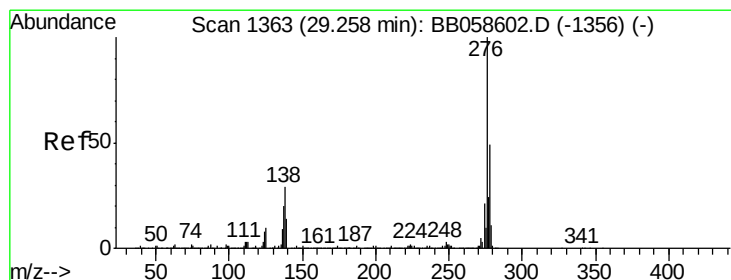
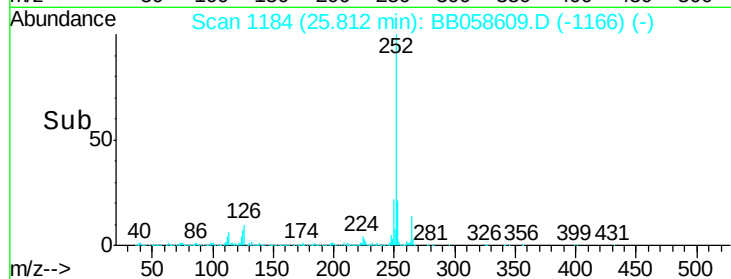
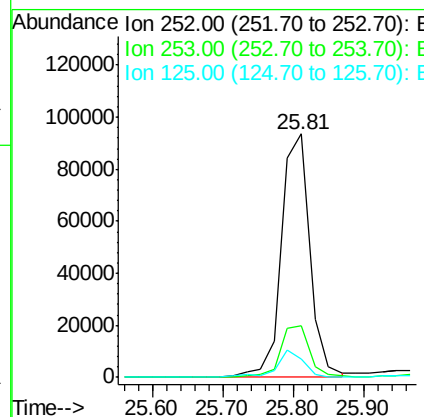
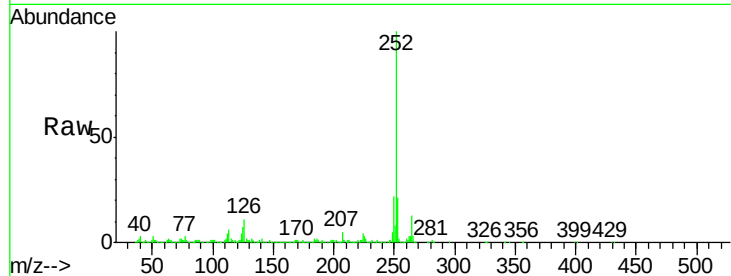
#88
Benzo(a)pyrene
Concen: 3.14 ng/ul
RT: 25.81 min Scan# 1184
Delta R.T. 0.04 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Instrument :
BNA_B
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.1	17.7	26.5
125	7.4	6.6	9.8

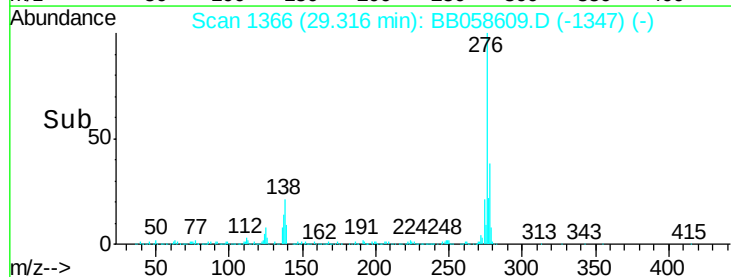
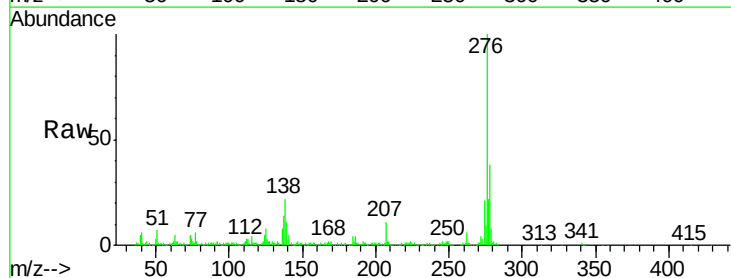
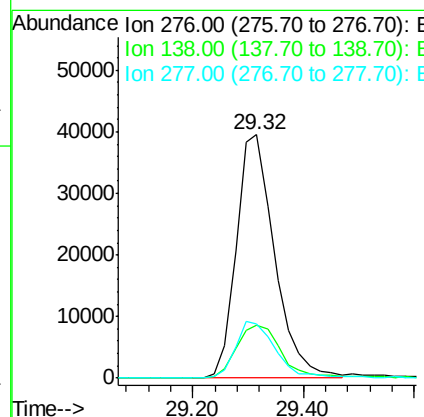
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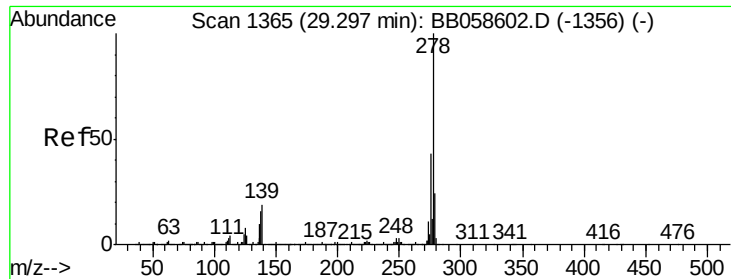
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.63 ng/ul
RT: 29.32 min Scan# 1366
Delta R.T. 0.06 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	21.6	13.9	20.9#
277	22.3	20.1	30.1





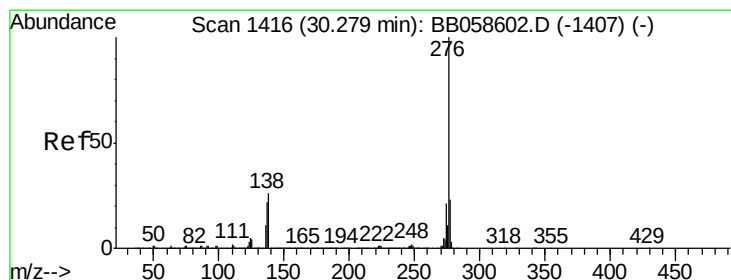
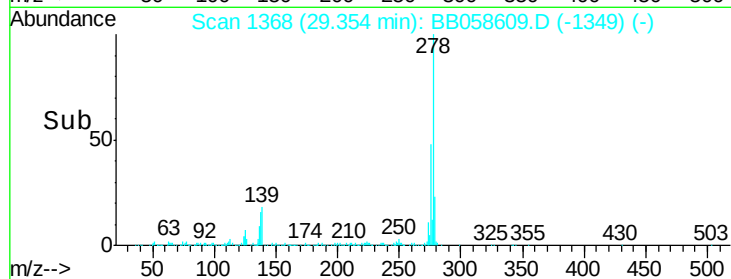
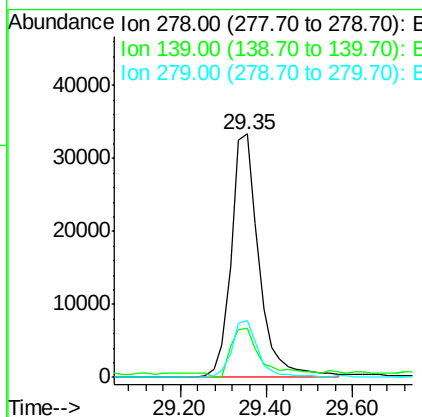
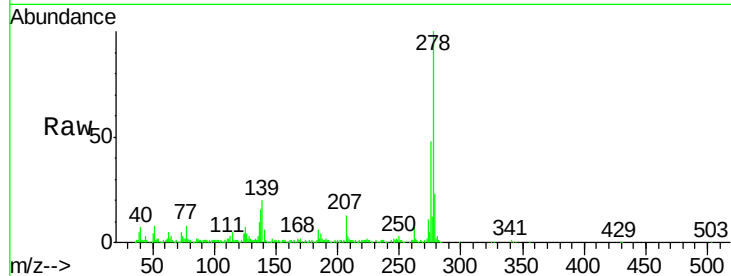
#90
Dibenzo(a,h)anthracene
Concen: 2.49 ng/ul
RT: 29.35 min Scan# 1368
Delta R.T. 0.06 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Instrument :
BNA_B
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	9.5	14.3#
279	23.1	19.1	28.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.77 ng/ul
RT: 30.34 min Scan# 1419
Delta R.T. 0.06 min
Lab File: BB058609.D
Acq: 11 Oct 2016 17:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.5	13.5	20.3
277	21.5	19.3	28.9

