

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101316\
 Data File : BB058631.D
 Acq On : 13 Oct 2016 14:09
 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 13 15:21:55 2016
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 12:50:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	500773	20.00	ng/ul	0.02
18) Naphthalene-d8	11.62	136	1874562	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1113337	20.00	ng/ul	0.02
61) Phenanthrene-d10	18.42	188	1780440	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	1886245	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1377109	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.67	96	77464	7.01	ng/uL	0.04
5) Phenol-d5	7.81	99	1123738	30.89	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.96	67	819739	33.64	ng/ul	0.02
9) 2-Chlorophenol-d4	8.19	132	1228428	32.55	ng/ul	0.02
13) 4-Methylphenol-d8	9.45	113	932285	30.96	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	626954	32.35	ng/ul	0.02
22) 2-Nitrophenol-d4	10.66	143	706424	33.87	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	11.24	165	936497	31.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1282722	36.05	ng/ul	0.02
43) Dimethylphthalate-d6	14.95	166	2424773	32.76	ng/ul	0.00
46) Acenaphthylene-d8	15.26	160	2940017	33.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	485551	28.56	ng/ul	0.00
57) Fluorene-d10	16.61	176	2078100	34.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.72	200	530512	28.06	ng/ul	0.00
70) Anthracene-d10	18.53	188	2831357m	35.56	ng/ul	0.00
76) Pyrene-d10	20.86	212	2893164	34.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.66	264	2140111	34.03	ng/ul	-0.04

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.71	88	11120	1.01	ng/uL#	75
4) Benzaldehyde	7.75	77	59135	2.52	ng/ul	89
6) Phenol	7.85	94	107920	2.99	ng/ul#	70
8) Bis(2-Chloroethyl)ether	8.06	93	96500	3.24	ng/ul	88
10) 2-Chlorophenol	8.23	128	108973	3.03	ng/ul	98
11) 2-Methylphenol	9.16	108	85860	2.96	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	9.25	45	183214	3.50	ng/ul#	87
14) Acetophenone	9.54	105	133080	3.02	ng/ul#	78
15) N-Nitroso-di-n-propylamine	9.54	70	78550	3.01	ng/ul#	45
16) 4-Methylphenol	9.50	108	87191	2.79	ng/ul	94
17) Hexachloroethane	9.83	117	53036	3.05	ng/ul#	52
20) Nitrobenzene	9.93	77	115503	3.17	ng/ul#	95
21) Isophorone	10.49	82	221005	3.15	ng/ul	96
23) 2-Nitrophenol	10.70	139	68323	3.14	ng/ul	89
24) 2,4-Dimethylphenol	10.77	107	110435	3.10	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.99	93	108297	3.20	ng/ul#	95
27) 2,4-Dichlorophenol	11.26	162	88261	2.98	ng/ul#	62
28) Naphthalene	11.68	128	290752	3.26	ng/ul	100
30) 4-Chloroaniline	11.78	127	111913	3.32	ng/ul	97
31) Hexachlorobutadiene	12.03	225	58199	2.88	ng/ul	97
32) Caprolactam	12.58	113	27250	2.53	ng/ul#	77
33) 4-Chloro-3-methylphenol	12.95	107	90227	3.06	ng/ul	91
34) 2-Methylnaphthalene	13.34	142	197346	3.20	ng/ul	98

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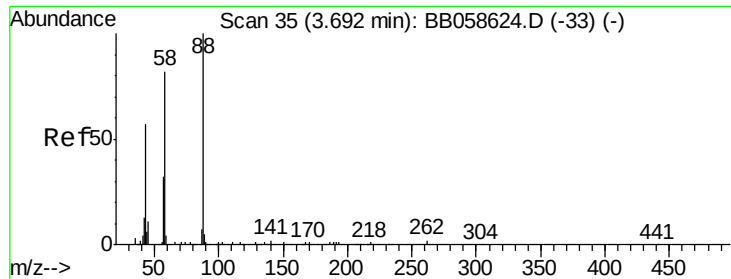
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	99054	2.90	ng/ul#	95
37) Hexachlorocyclopentadiene	13.74	237	36850	1.71	ng/ul	96
38) 2,4,6-Trichlorophenol	13.97	196	57170	2.75	ng/ul	98
39) 2,4,5-Trichlorophenol	14.03	196	62479	2.83	ng/ul	93
40) 1,1'-Biphenyl	14.38	154	224824	3.01	ng/ul#	98
41) 2-Chloronaphthalene	14.41	162	178443	3.00	ng/ul	99
42) 2-Nitroaniline	14.59	65	67631	2.96	ng/ul#	73
44) Dimethylphthalate	15.01	163	225359	3.04	ng/ul#	94
45) 2,6-Dinitrotoluene	15.11	165	52759	2.82	ng/ul	91
47) Acenaphthylene	15.28	152	276377	3.26	ng/ul	99
48) 3-Nitroaniline	14.61	138	65426	2.67	ng/ul#	38
49) Acenaphthene	15.65	153	178855	3.08	ng/ul	94
50) 2,4-Dinitrophenol	15.66	184	19975	1.50	ng/ul#	71
52) 4-Nitrophenol	15.78	109	39259	2.84	ng/ul#	70
53) Dibenzofuran	15.99	168	248276	3.00	ng/ul	98
54) 2,4-Dinitrotoluene	15.93	165	71094	2.73	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	16.22	232	49098	2.55	ng/ul#	63
56) Diethylphthalate	16.42	149	253125	3.29	ng/ul	94
58) Fluorene	16.67	166	197448	2.93	ng/ul	92
59) 4-Chlorophenyl-phenylether	16.65	204	108556	3.00	ng/ul	95
60) 4-Nitroaniline	16.65	138	40226m	2.08	ng/ul	
63) 4,6-Dinitro-2-methylphenol	16.72	198	43842	2.32	ng/ul#	1
64) N-Nitrosodiphenylamine	16.86	169	177625	3.09	ng/ul	93
65) 4-Bromophenyl-phenylether	17.57	248	64406	2.83	ng/ul#	86
66) Hexachlorobenzene	17.73	284	60573	2.65	ng/ul#	61
67) Atrazine	17.84	200	62076	2.84	ng/ul	96
68) Pentachlorophenol	18.07	266	32682	2.02	ng/ul	98
69) Phenanthrene	18.46	178	283496	3.20	ng/ul	99
71) Anthracene	18.55	178	285590	3.15	ng/ul	100
72) Carbazole	18.82	167	247494	3.27	ng/ul#	97
73) Di-n-butylphthalate	19.40	149	438057	3.55	ng/ul	97
74) Fluoranthene	20.52	202	314310	3.48	ng/ul	100
77) Pyrene	20.88	202	314541	3.19	ng/ul#	85
78) Butylbenzylphthalate	21.79	149	201869	3.16	ng/ul#	95
79) 3,3'-Dichlorobenzidine	22.67	252	60897	1.83	ng/ul	99
80) Benzo(a)anthracene	22.77	228	306263	3.19	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	22.67	149	254754	3.00	ng/ul	99
82) Chrysene	22.83	228	260183	2.89	ng/ul	98
84) Di-n-octyl phthalate	22.67	149	254754	3.55	ng/ul#	36
85) Benzo(b)fluoranthene	24.91	252	228239	2.51	ng/ul	98
86) Benzo(k)fluoranthene	24.96	252	236607m	3.36	ng/ul	
88) Benzo(a)pyrene	25.72	252	210204	2.75	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.12	276	149563	2.24	ng/ul#	92
90) Dibenzo(a,h)anthracene	29.16	278	118234	2.13	ng/ul#	87
91) Benzo(g,h,i)perylene	30.12	276	118944	2.25	ng/ul#	91

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



#2

1,4-Dioxane

Concen: 1.01 ng/uL

RT: 3.71 min Scan# 36

Delta R.T. 0.04 min

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Instrument :

BNA_B

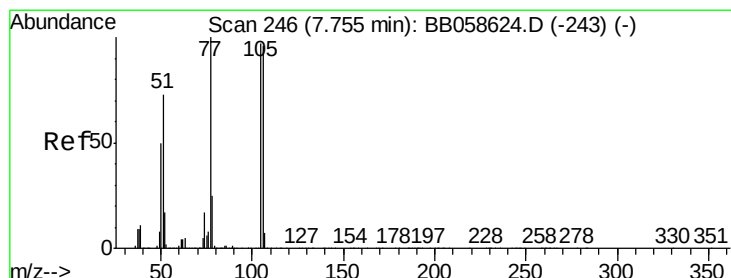
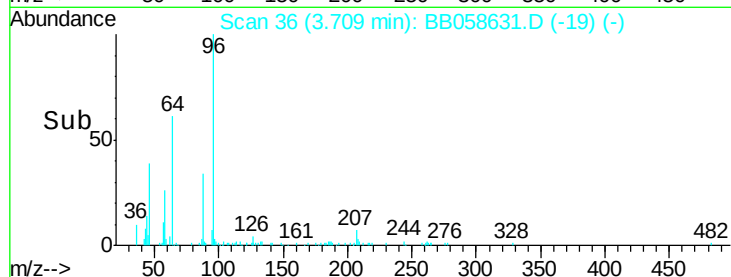
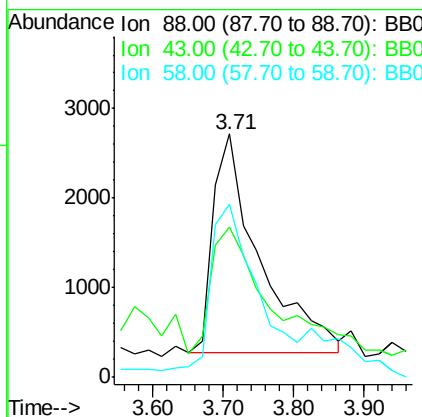
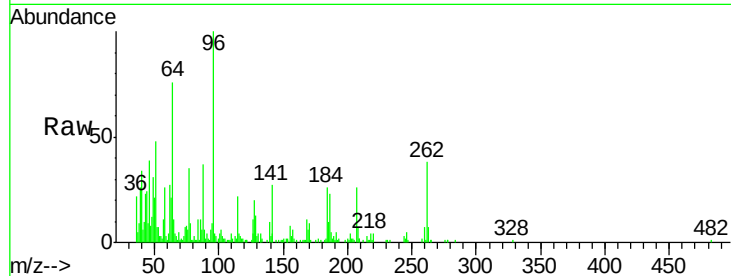
ClientSampleId :

MDL-06-S

Tgt Ion	Ratio	Lower	Upper
88	100		
43	72.7	22.6	34.0#
58	70.0	57.3	85.9

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#4

Benzaldehyde

Concen: 2.52 ng/uL

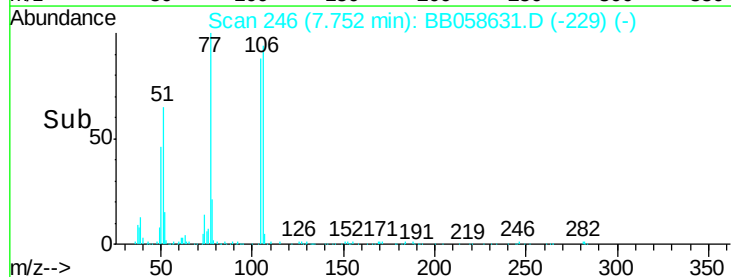
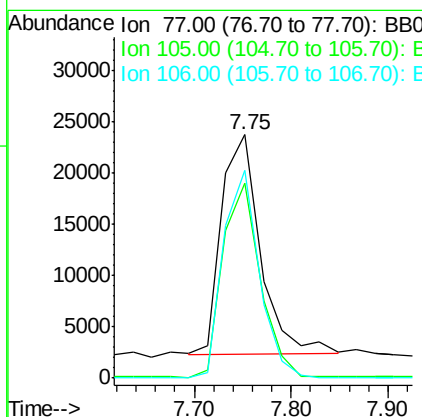
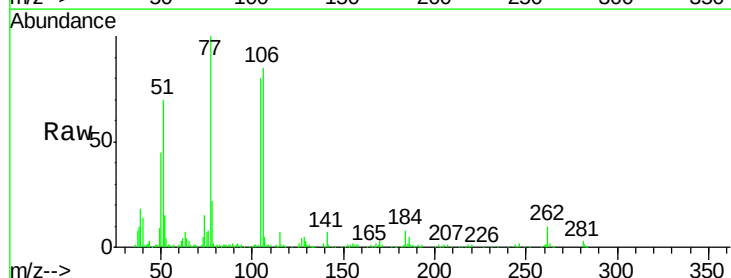
RT: 7.75 min Scan# 246

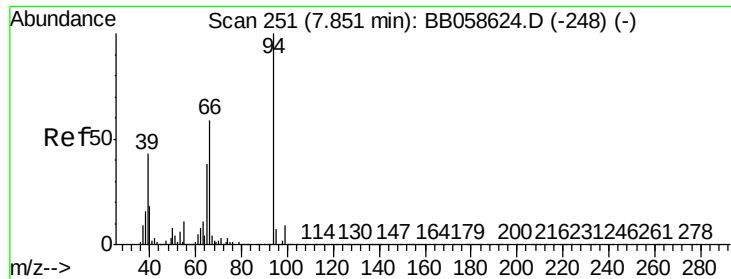
Delta R.T. 0.04 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Lower	Upper
77	100		
105	80.3	76.9	115.3
106	85.2	71.8	107.8





#6

Phenol

Concen: 2.99 ng/ul

RT: 7.85 min Scan# 251

Delta R.T. 0.02 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Instrument :

BNA_B

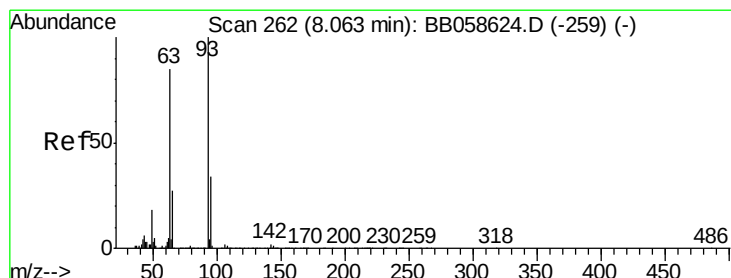
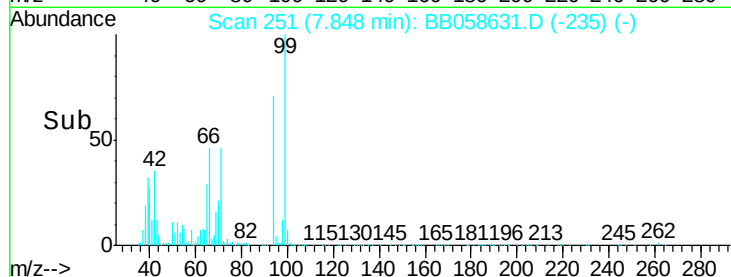
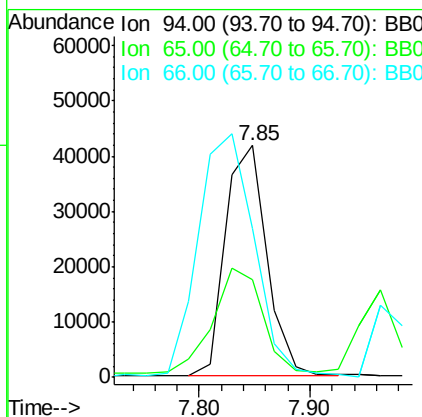
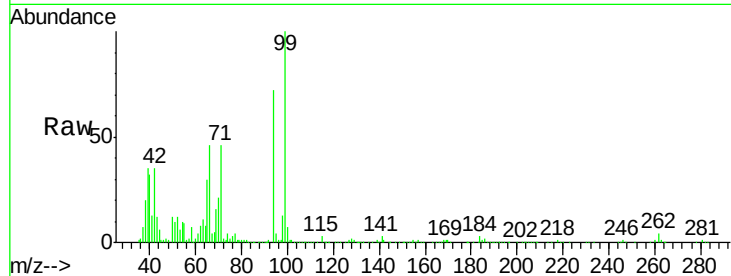
ClientSampled :

MDL-06-S

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		107920		
65	42.0	23.9	35.9#		
66	64.3	33.5	50.3#		

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#8

Bis(2-Chloroethyl)ether

Concen: 3.24 ng/ul

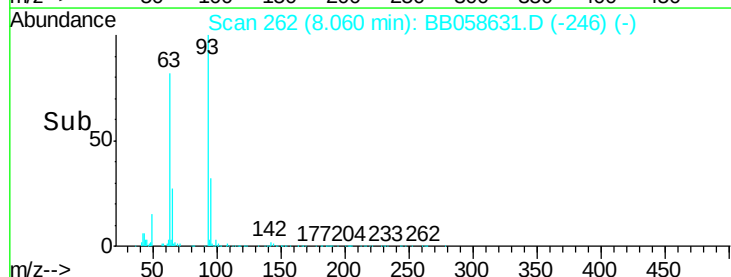
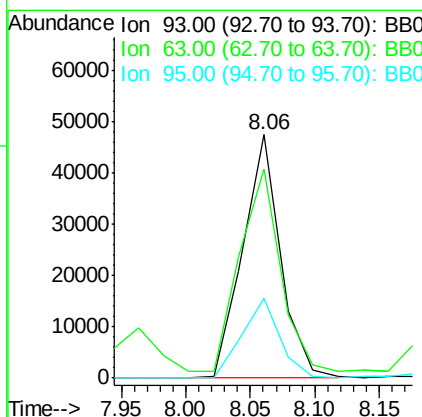
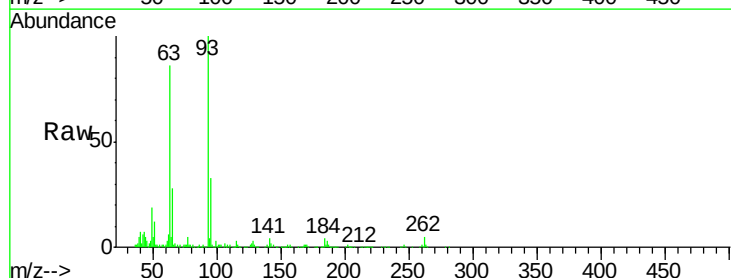
RT: 8.06 min Scan# 262

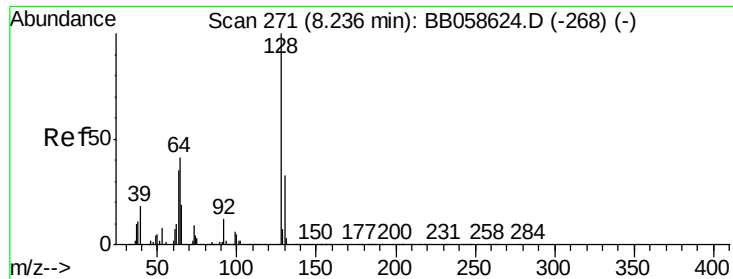
Delta R.T. 0.02 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		96500		
63	85.6	57.3	85.9		
95	32.6	25.1	37.7		





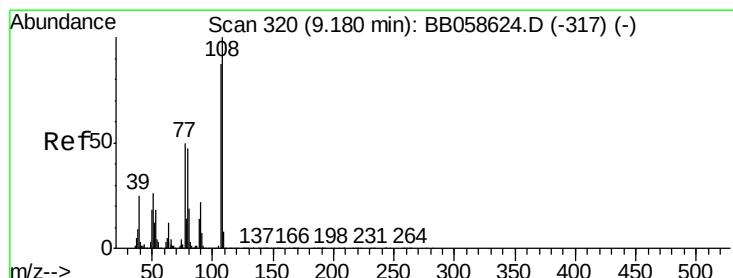
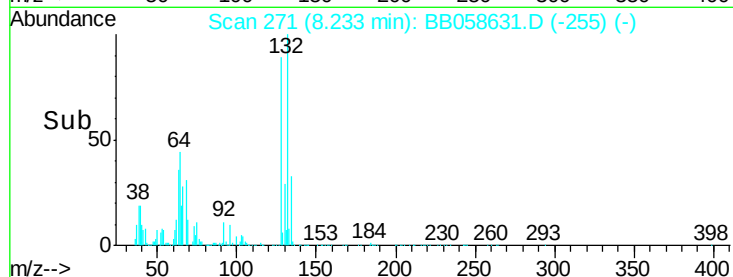
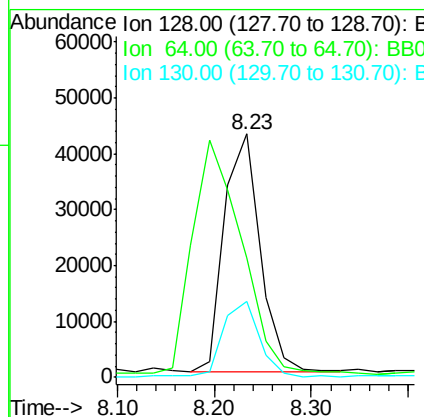
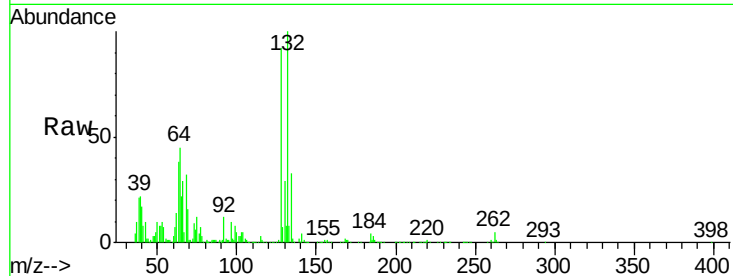
#10
2-Chlorophenol
Concen: 3.03 ng/ul
RT: 8.23 min Scan# 271
Delta R.T. 0.02 min
Lab File: BB058631.D
Acq: 13 Oct 2016 14:09

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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	108973		
64	48.9		37.5	56.3
130	31.4		25.0	37.4

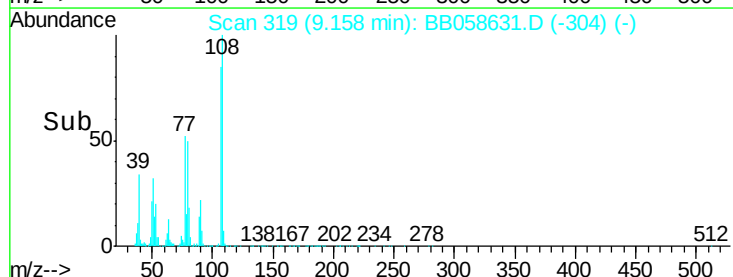
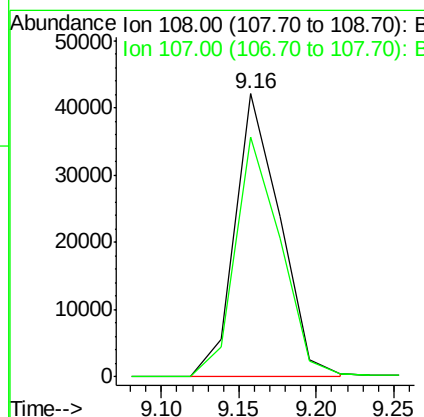
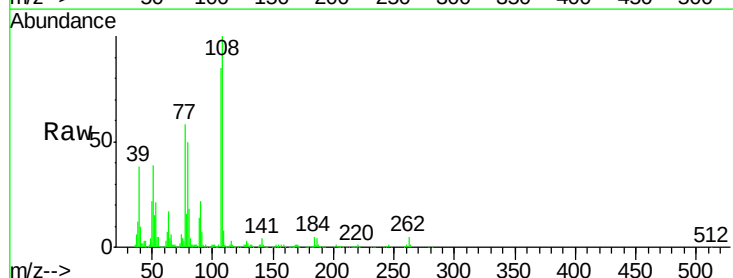
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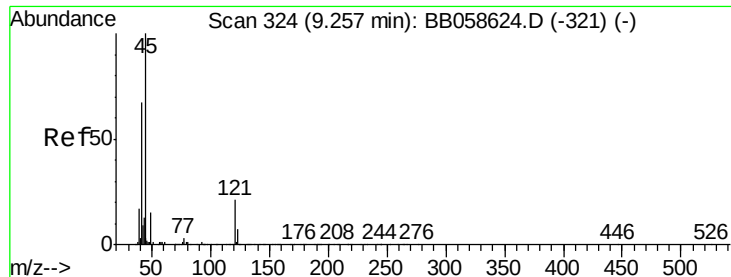
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#11
2-Methylphenol
Concen: 2.96 ng/ul
RT: 9.16 min Scan# 319
Delta R.T. -0.00 min
Lab File: BB058631.D
Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	85860		
107	84.7		71.8	107.6





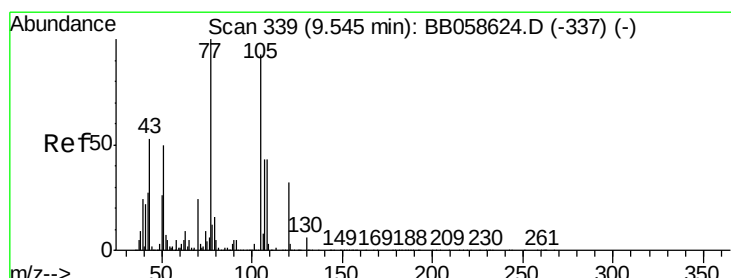
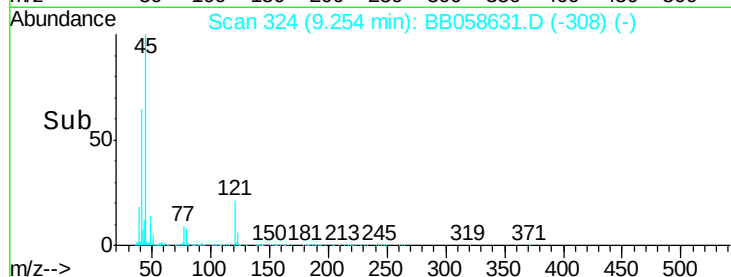
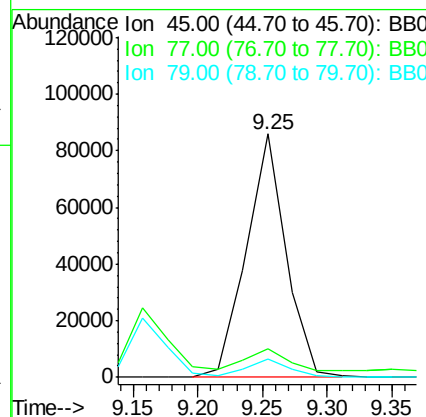
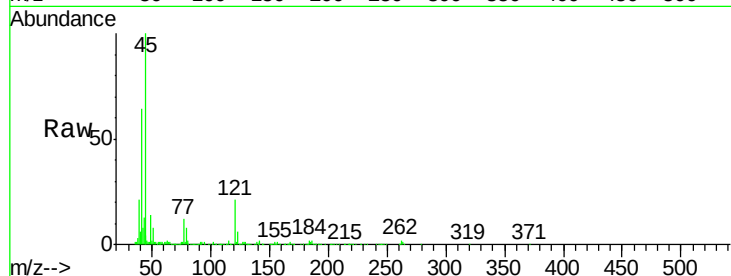
#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.50 ng/ul
RT: 9.25 min Scan# 324
Delta R.T. 0.02 min
Lab File: BB058631.D
Acq: 13 Oct 2016 14:09

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Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.0	14.1	21.1#
79	7.8	10.4	15.6#

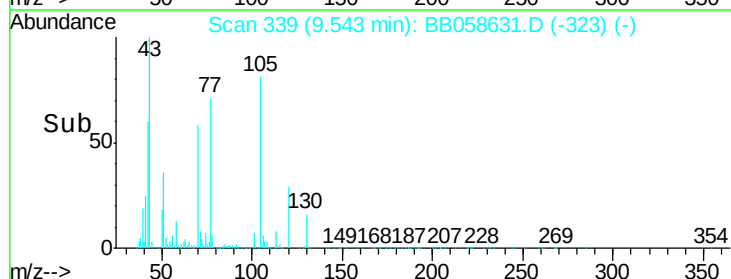
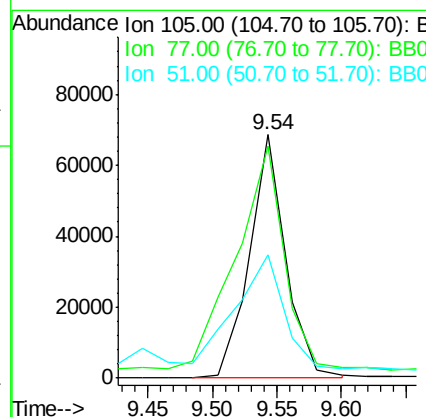
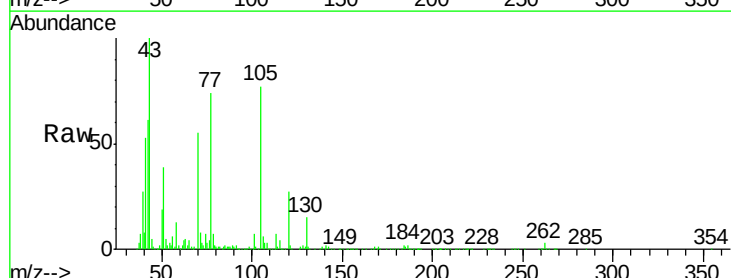
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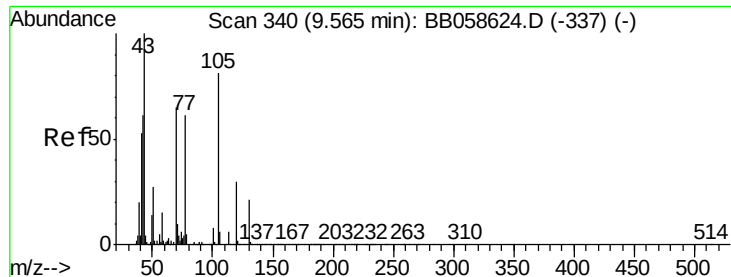
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#14
Acetophenone
Concen: 3.02 ng/ul
RT: 9.54 min Scan# 339
Delta R.T. 0.02 min
Lab File: BB058631.D
Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Lower	Upper
105	100		
77	95.4	65.9	98.9
51	50.4	22.2	33.2#





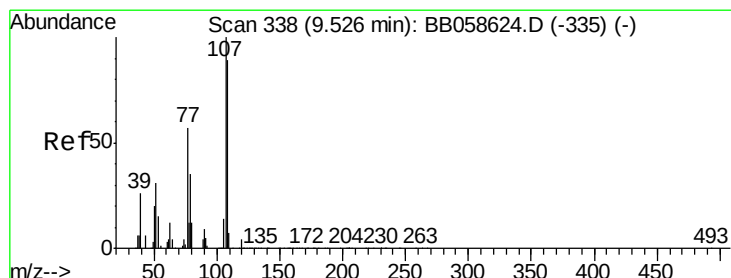
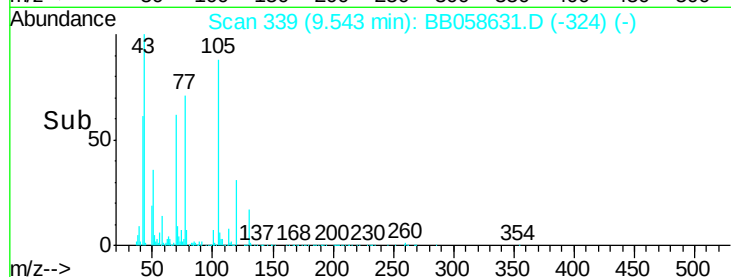
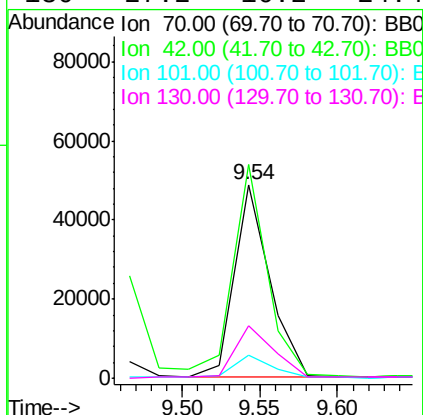
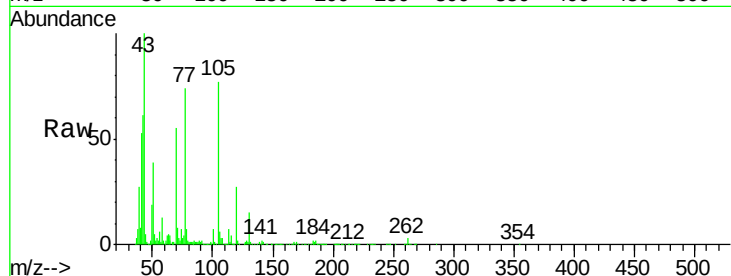
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N-Nitroso-di-n-propylamine
Concen: 3.01 ng/ul
RT: 9.54 min Scan# 339
Delta R.T. -0.00 min
Lab File: BB058631.D
Acq: 13 Oct 2016 14:09

Instrument :
BNA_B
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Lower	Upper
70	100		
42	110.5	43.4	65.2#
101	11.9	7.8	11.6#
130	27.2	16.2	24.4#

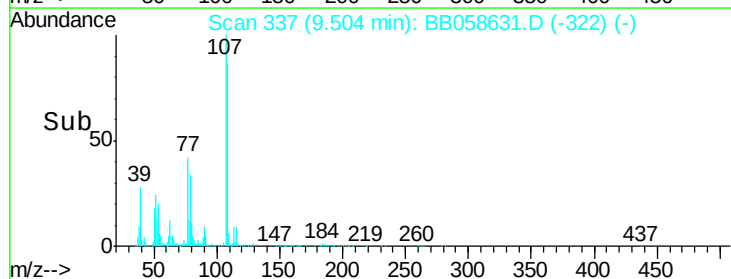
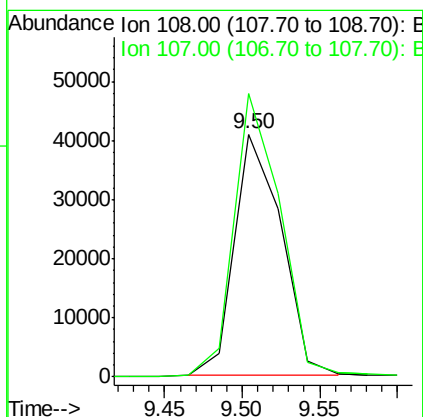
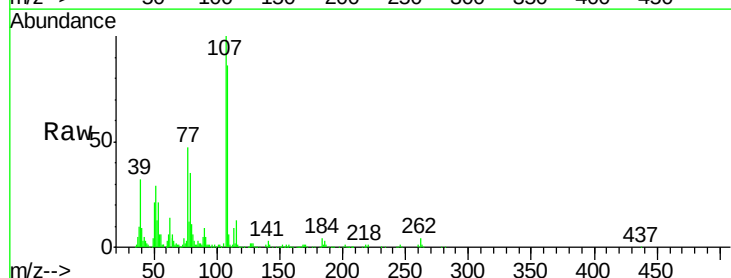
Manual Integrations
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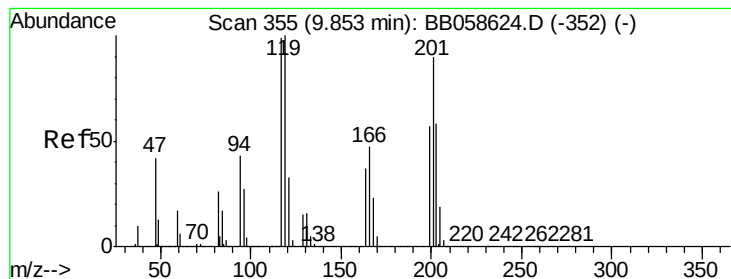
sohil
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#16
4-Methylphenol
Concen: 2.79 ng/ul
RT: 9.50 min Scan# 337
Delta R.T. -0.00 min
Lab File: BB058631.D
Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Lower	Upper
108	100		
107	116.5	87.8	131.8





#17

Hexachloroethane

Concen: 3.05 ng/ul

RT: 9.83 min Scan# 354

Delta R.T. -0.00 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Instrument :

BNA_B

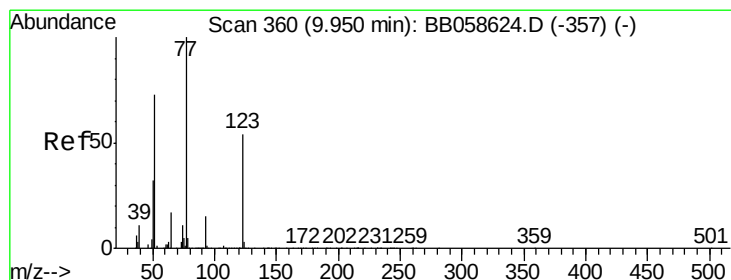
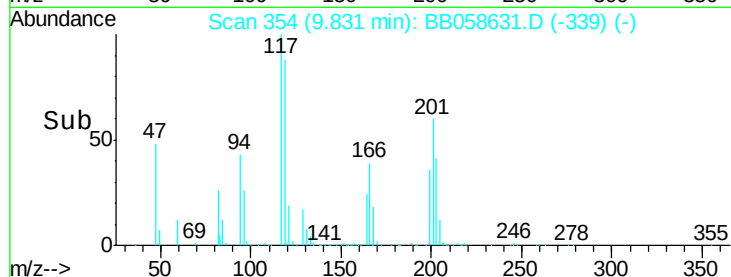
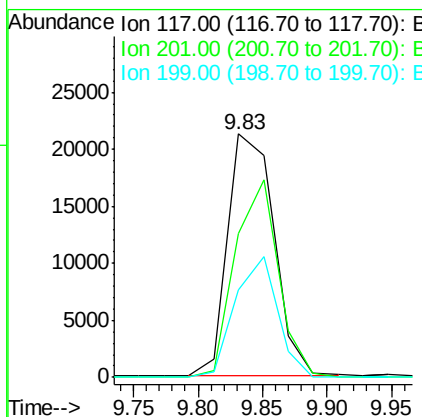
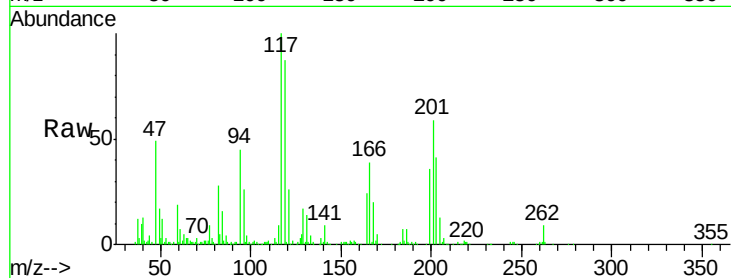
ClientSampled :

MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	53036		
201	59.0	90.3	135.5#	
199	36.1	58.5	87.7#	

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#20

Nitrobenzene

Concen: 3.17 ng/ul

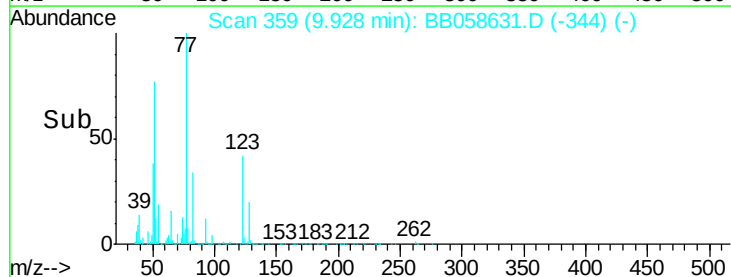
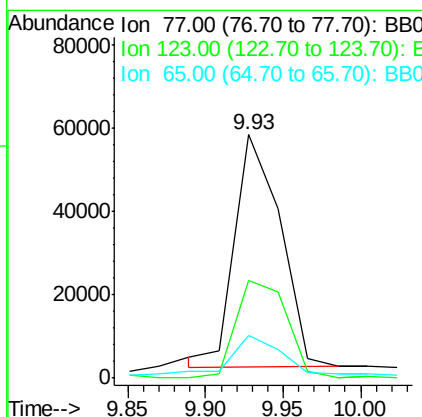
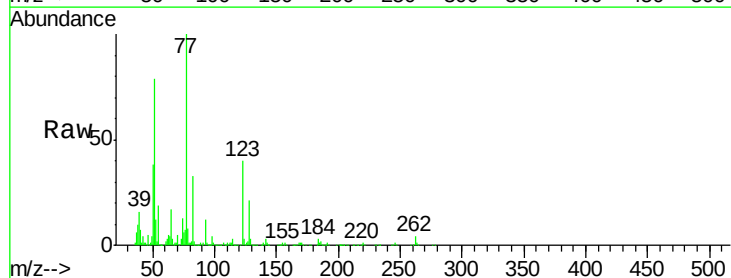
RT: 9.93 min Scan# 359

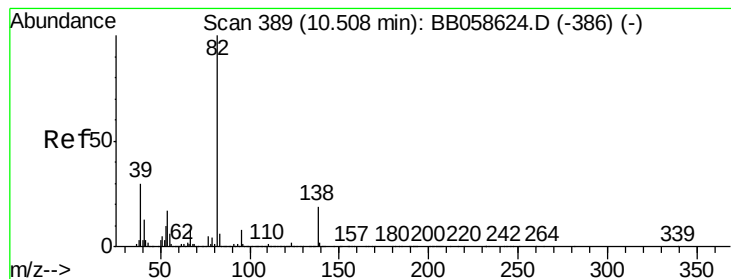
Delta R.T. -0.00 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	115503		
123	40.3	34.2	51.4	
65	17.4	11.0	16.6#	





#21

Isophorone

Concen: 3.15 ng/ul

RT: 10.49 min Scan# 388

Delta R.T. -0.00 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Instrument :

BNA_B

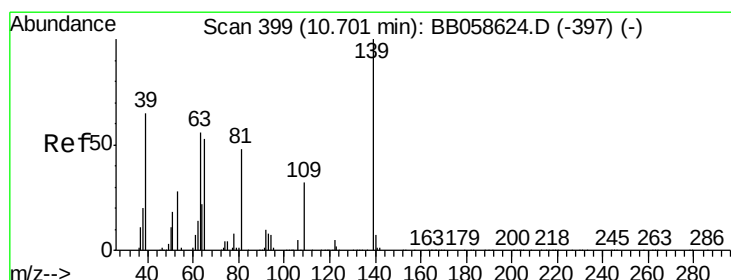
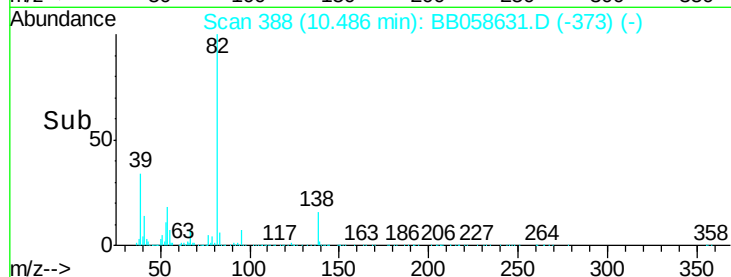
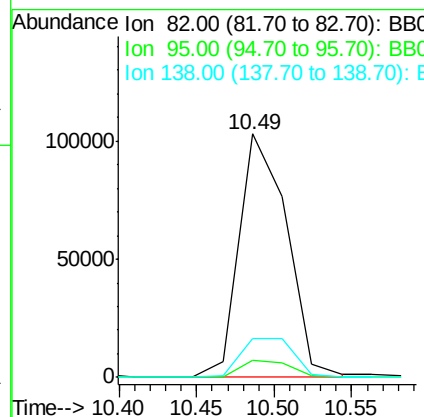
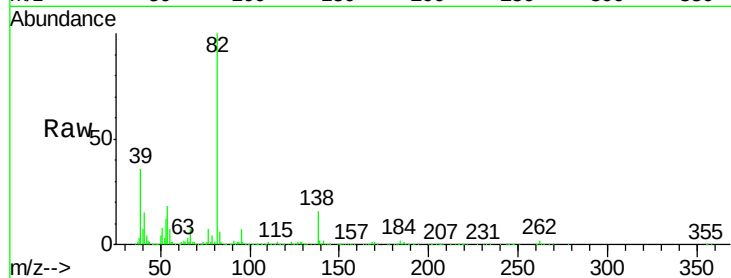
ClientSampleId :

MDL-06-S

Tgt Ion:	82	Resp:	221005
Ion Ratio		Lower	Upper
82	100		
95	7.0	6.9	10.3
138	15.8	13.8	20.8

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#23

2-Nitrophenol

Concen: 3.14 ng/ul

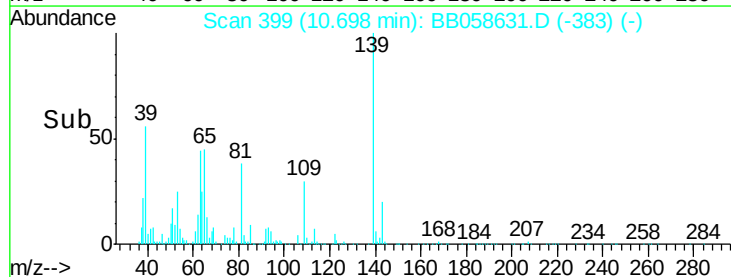
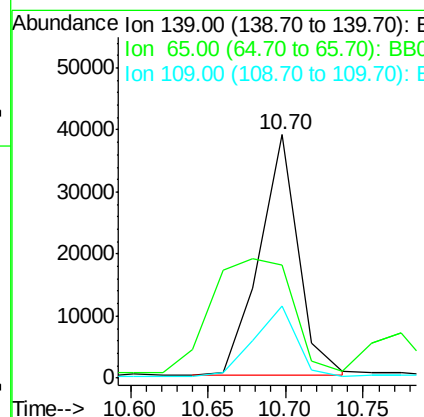
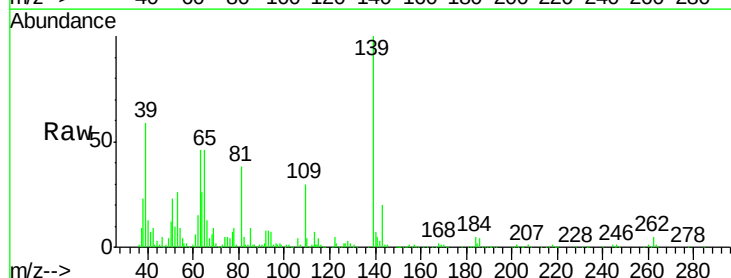
RT: 10.70 min Scan# 399

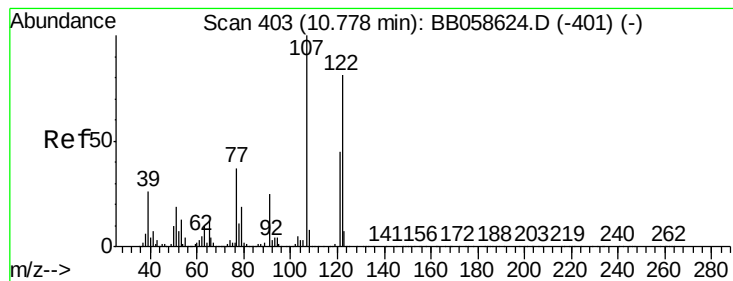
Delta R.T. 0.02 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Tgt Ion:	139	Resp:	68323
Ion Ratio		Lower	Upper
139	100		
65	46.3	44.2	66.4
109	29.7	28.2	42.4





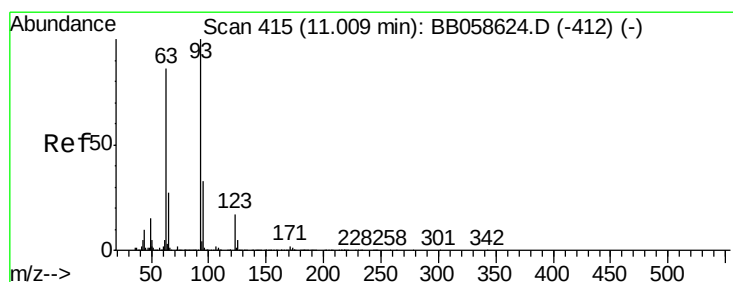
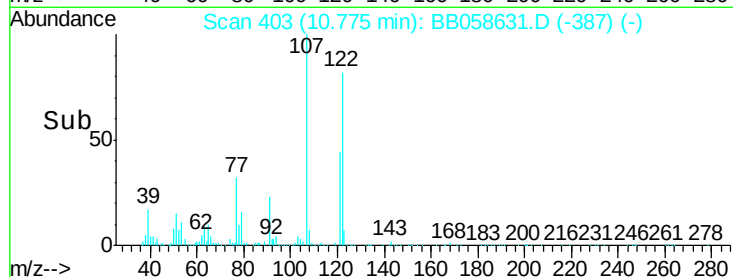
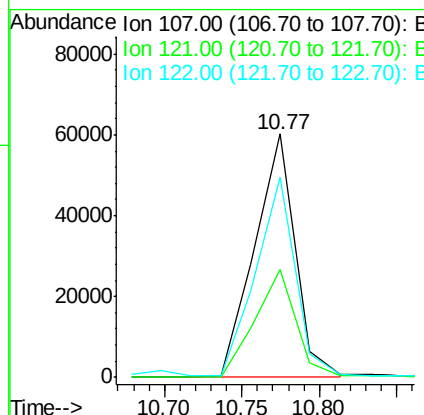
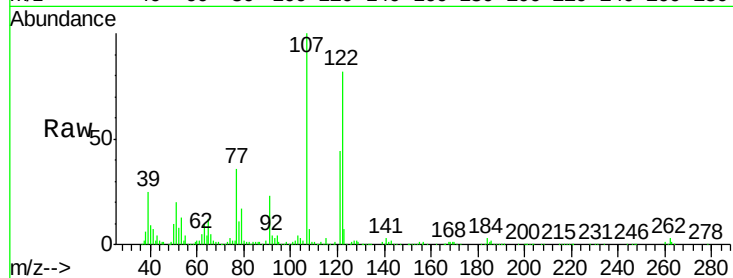
#24
 2,4-Dimethylphenol
 Concen: 3.10 ng/ul
 RT: 10.77 min Scan# 403
 Delta R.T. 0.02 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Instrument :
 BNA_B
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
121	44.5	37.1	55.7
122	81.9	62.8	94.2

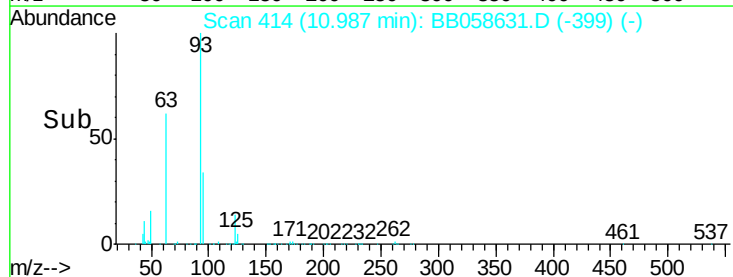
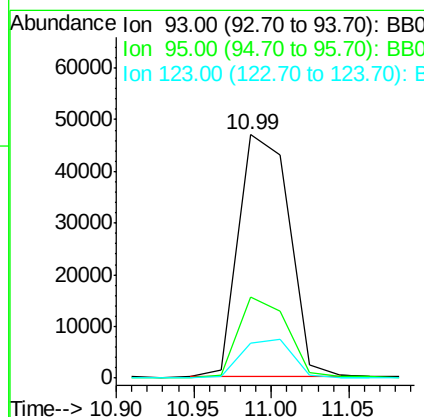
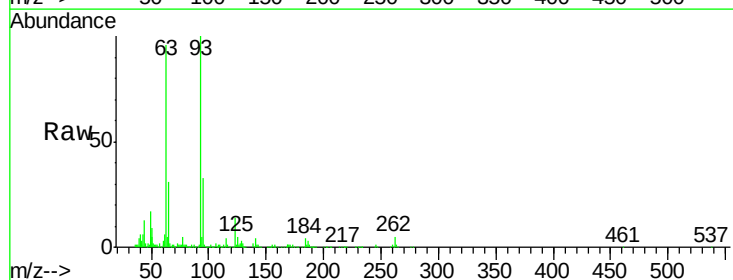
Manual Integrations
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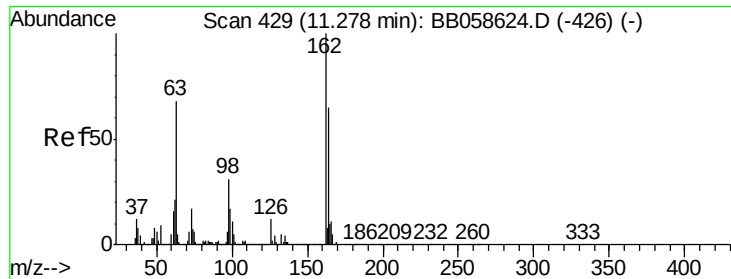
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.20 ng/ul
 RT: 10.99 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	33.1	25.4	38.0
123	14.5	8.3	12.5#





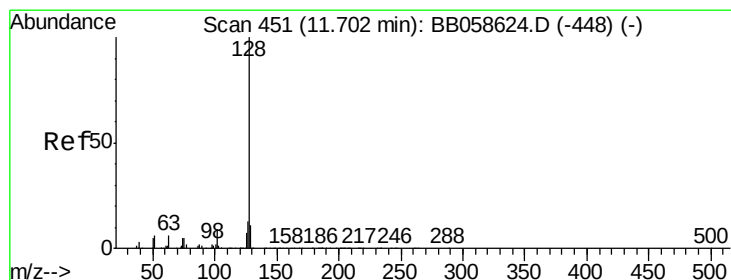
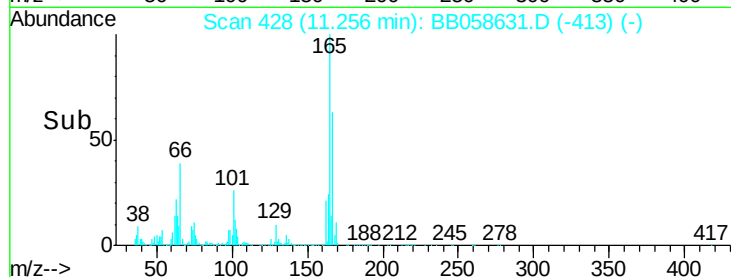
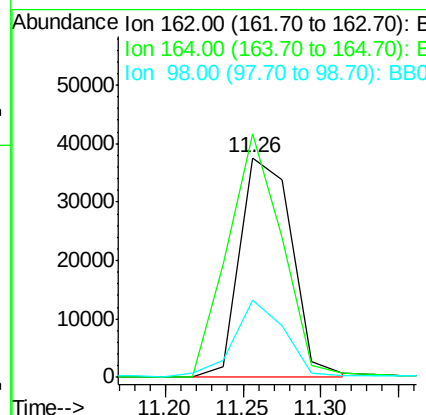
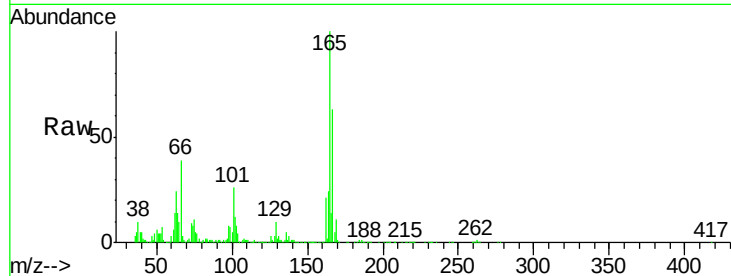
#27
 2,4-Dichlorophenol
 Concen: 2.98 ng/ul
 RT: 11.26 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Instrument :
 BNA_B
 ClientSampled :
 MDL-06-S

Tgt Ion	Ratio	Lower	Upper
162	100		
164	111.0	51.6	77.4#
98	35.5	28.4	42.6

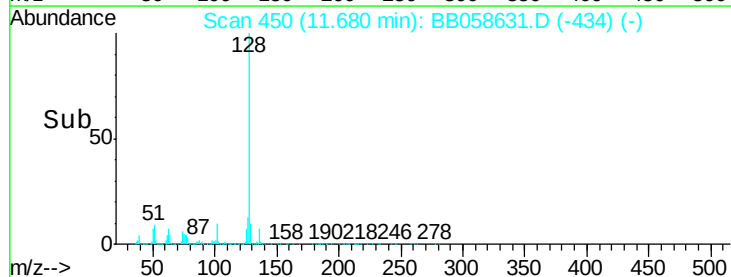
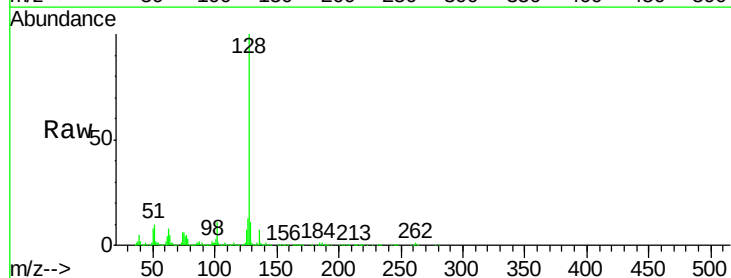
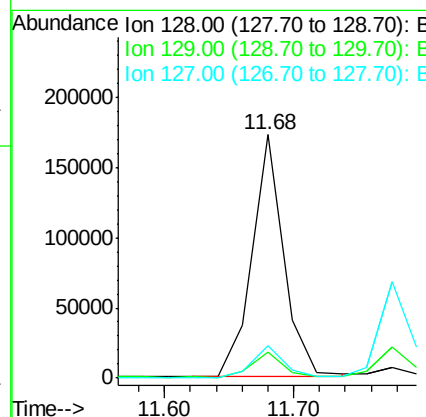
Manual Integrations
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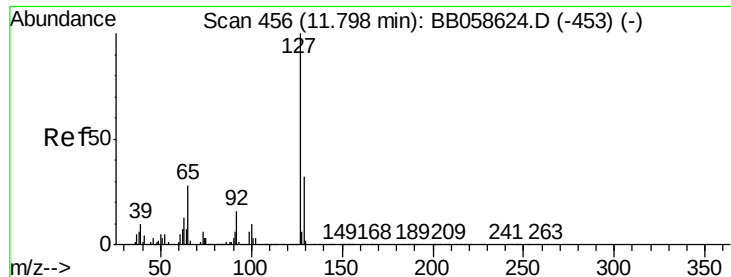
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#28
 Naphthalene
 Concen: 3.26 ng/ul
 RT: 11.68 min Scan# 450
 Delta R.T. 0.02 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.2	10.6	15.8





#30

4-Chloroaniline

Concen: 3.32 ng/ul

RT: 11.78 min Scan# 455

Delta R.T. -0.00 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Instrument :

BNA_B

ClientSampleId :

MDL-06-S

Tgt Ion:127 Resp: 111913

Ion Ratio Lower Upper

127 100

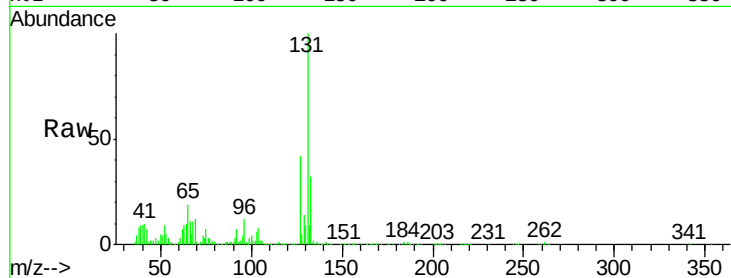
129 32.7 24.6 37.0

Manual Integrations

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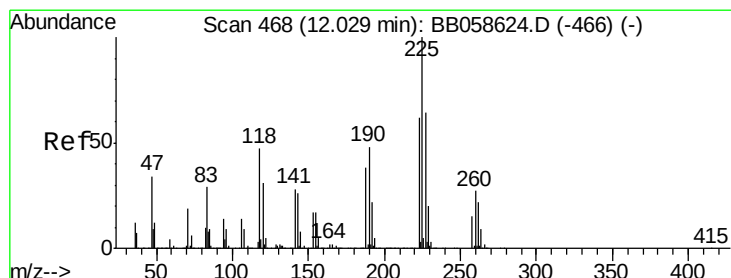
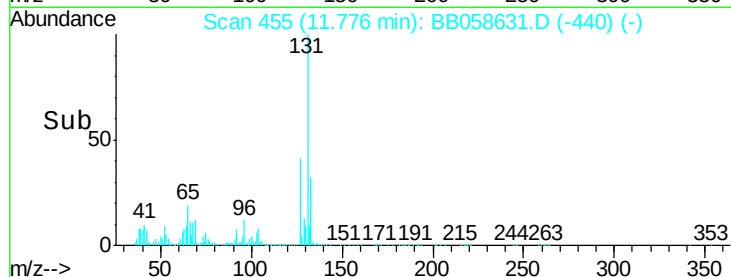
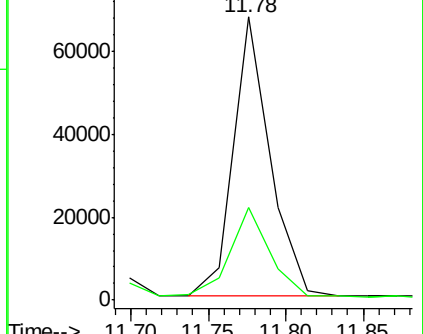
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Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 2.88 ng/ul

RT: 12.03 min Scan# 468

Delta R.T. 0.02 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

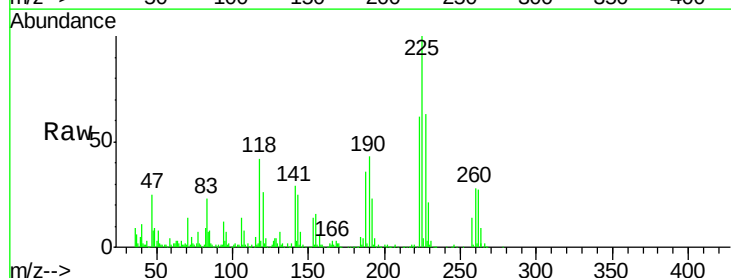
Tgt Ion:225 Resp: 58199

Ion Ratio Lower Upper

225 100

223 62.3 51.2 76.8

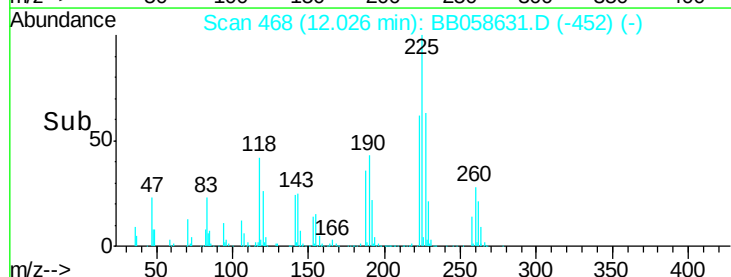
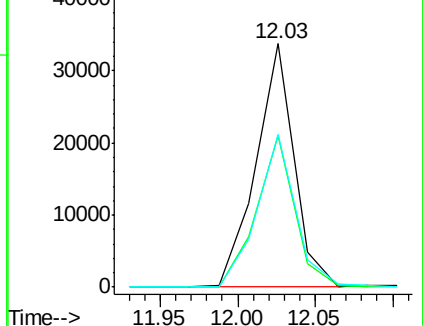
227 62.9 52.5 78.7

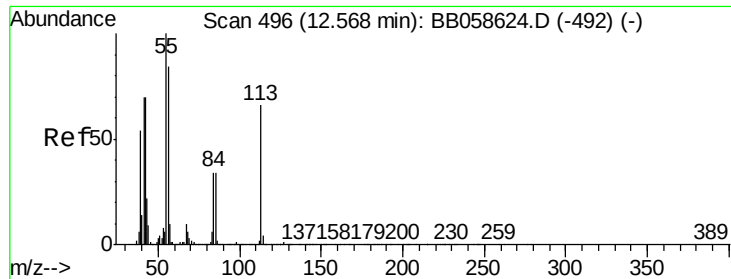


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 2.53 ng/ul

RT: 12.58 min Scan# 497

Delta R.T. 0.04 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Instrument :

BNA_B

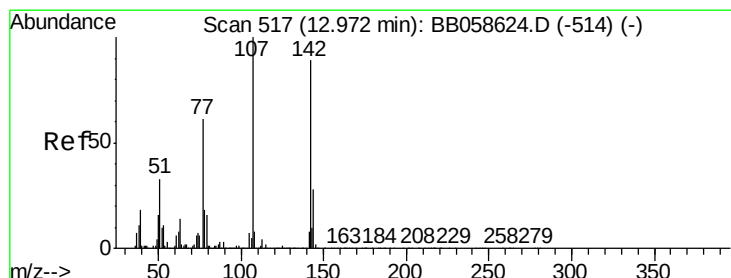
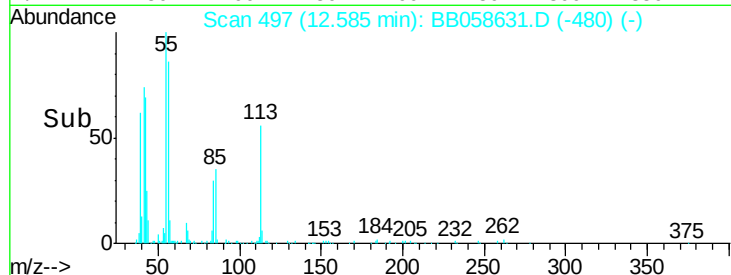
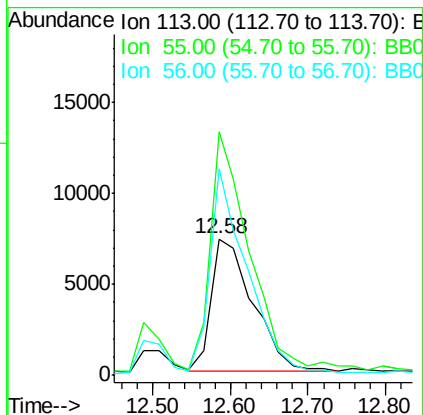
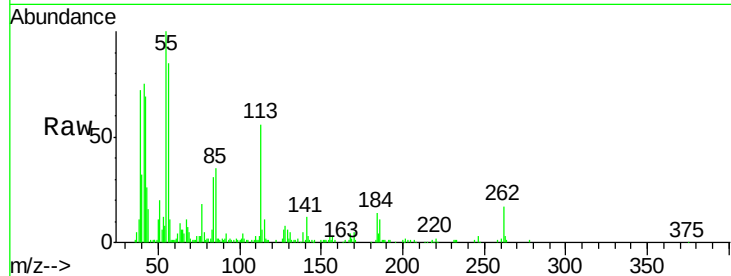
ClientSampleId :

MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	27250		
55	178.2	121.9	182.9	
56	151.1	97.4	146.0	

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#33

4-Chloro-3-methylphenol

Concen: 3.06 ng/ul

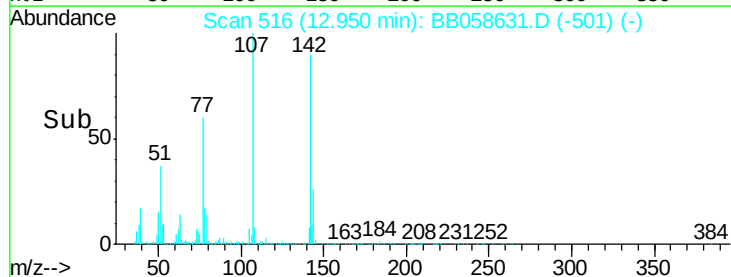
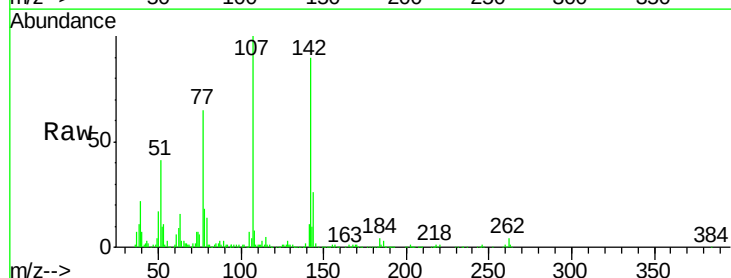
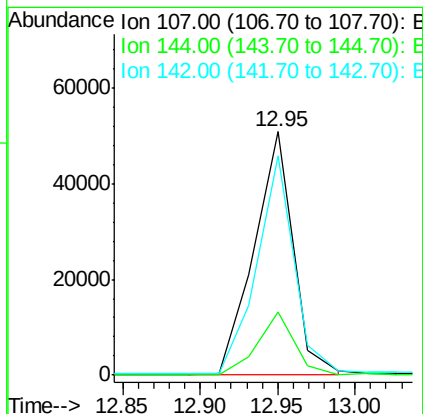
RT: 12.95 min Scan# 516

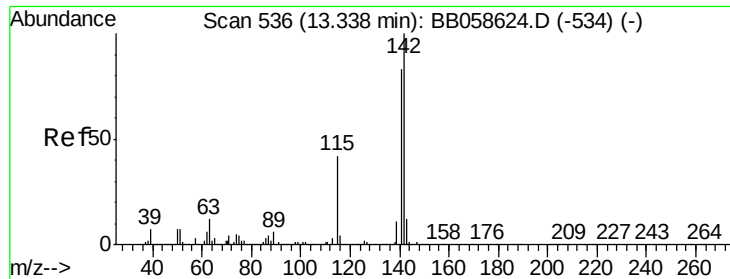
Delta R.T. -0.00 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	90227		
144	26.0	21.1	31.7	
142	90.2	64.1	96.1	





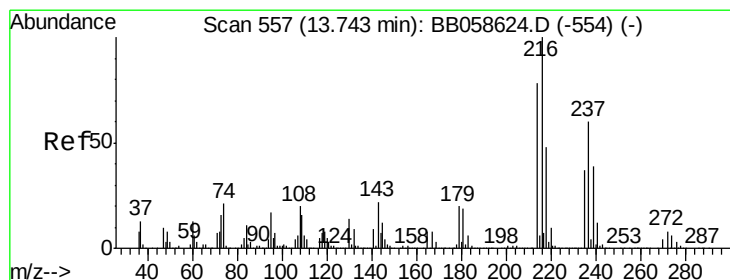
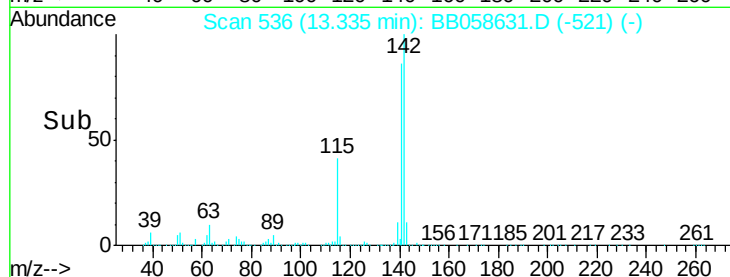
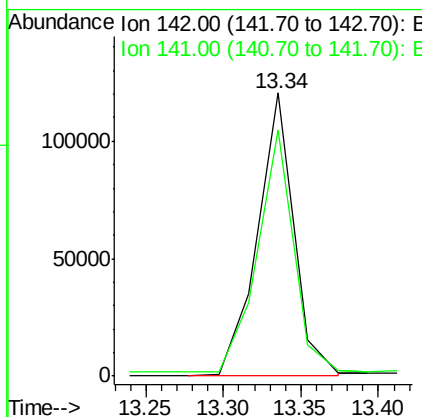
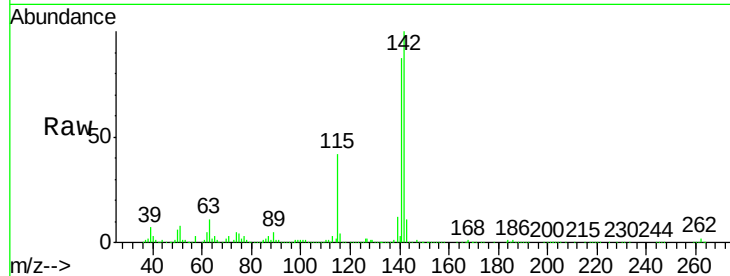
#34
 2-Methylnaphthalene
 Concen: 3.20 ng/ul
 RT: 13.34 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Instrument :
 BNA_B
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	197346		
141	87.1	71.3	106.9	

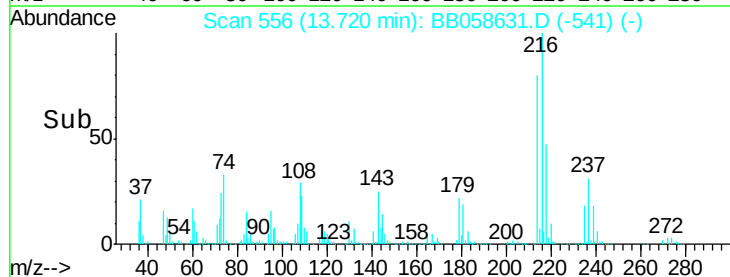
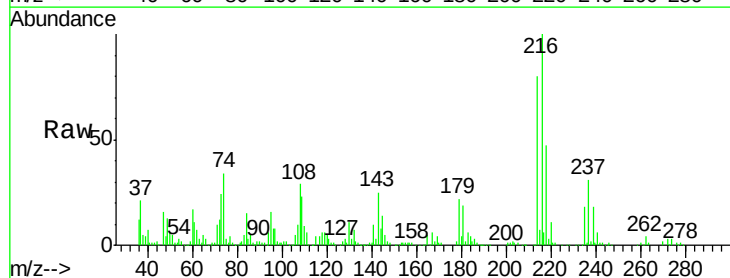
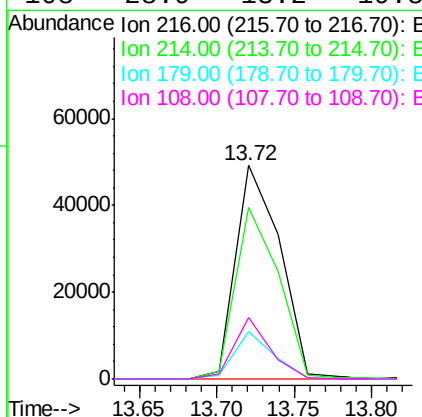
Manual Integrations
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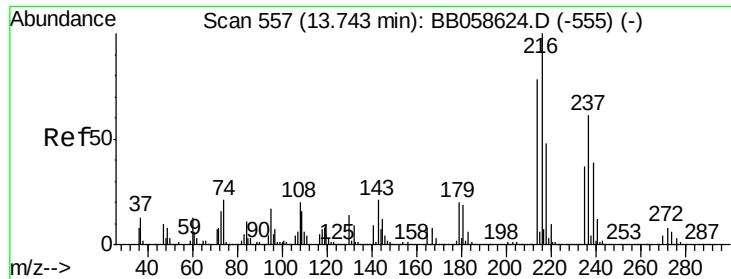
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.90 ng/ul
 RT: 13.72 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	99054		
214	80.2	64.8	97.2	
179	22.4	16.7	25.1	
108	28.9	13.2	19.8	#





#37

Hexachlorocyclopentadiene

Concen: 1.71 ng/ul

RT: 13.74 min Scan# 557

Delta R.T. 0.02 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Instrument :

BNA_B

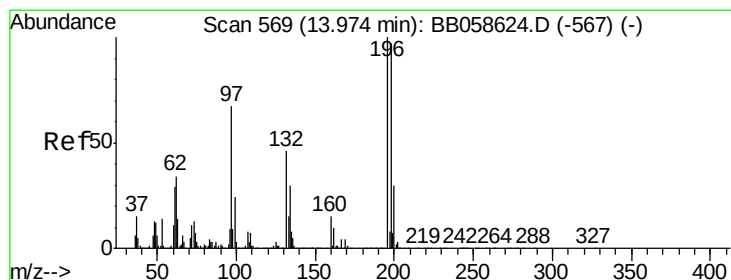
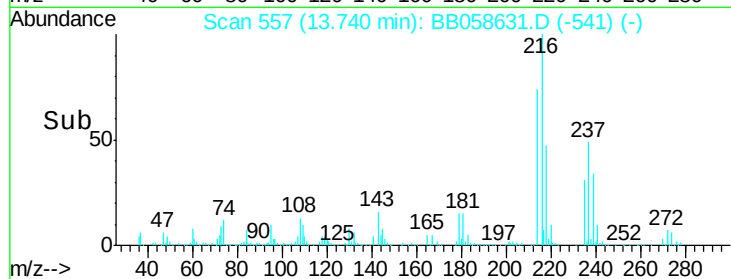
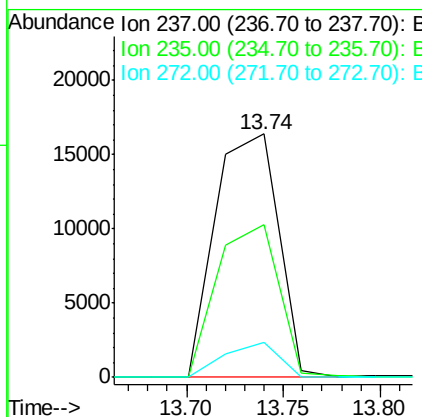
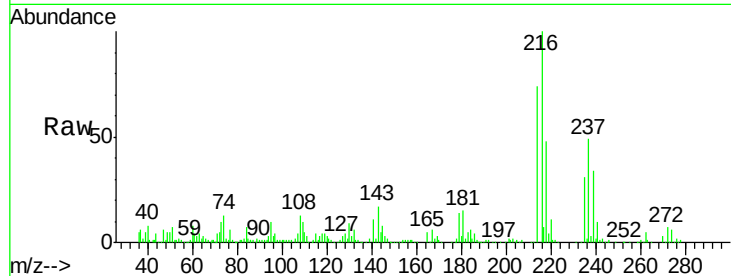
ClientSampleId :

MDL-06-S

Tgt Ion:	237	Resp:	36850
Ion Ratio	Lower	Upper	
237	100		
235	59.1	49.6	74.4
272	14.2	10.4	15.6

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#38

2,4,6-Trichlorophenol

Concen: 2.75 ng/ul

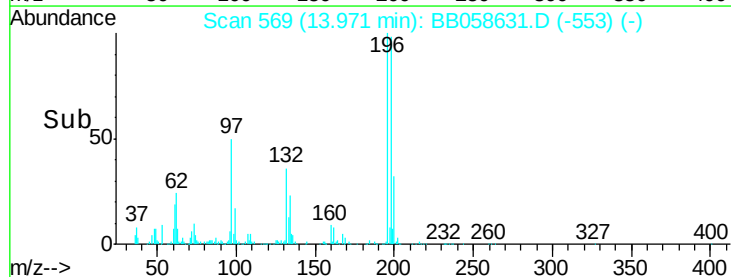
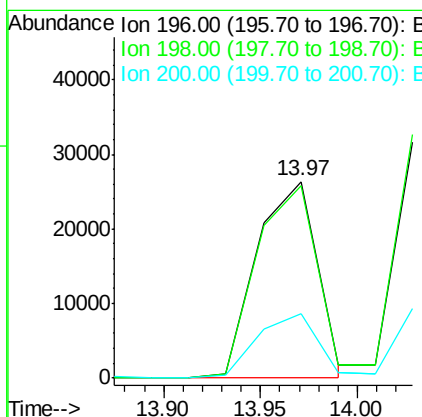
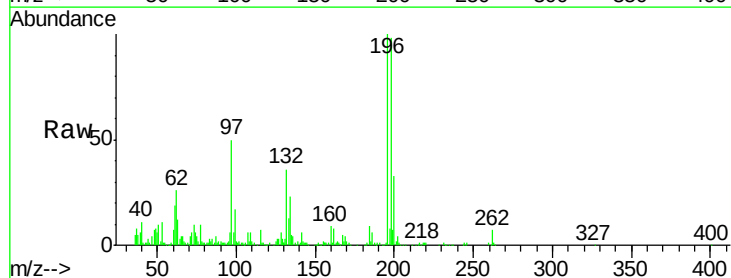
RT: 13.97 min Scan# 569

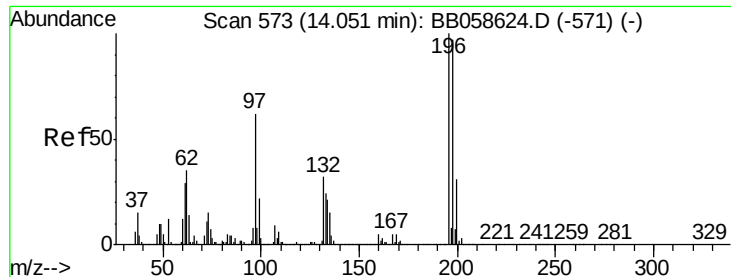
Delta R.T. 0.02 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Tgt Ion:	196	Resp:	57170
Ion Ratio	Lower	Upper	
196	100		
198	97.8	76.9	115.3
200	32.6	25.1	37.7





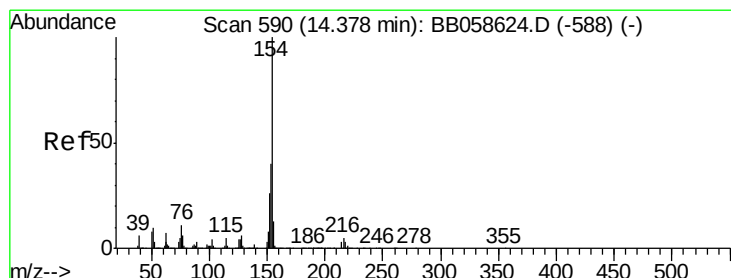
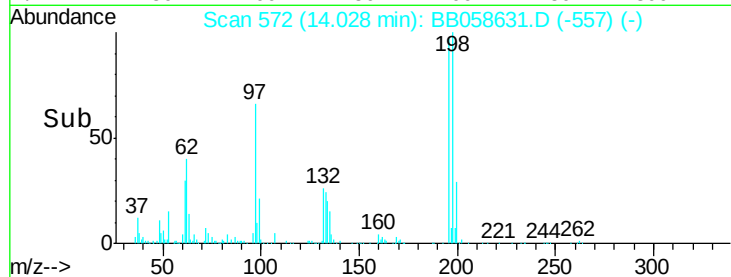
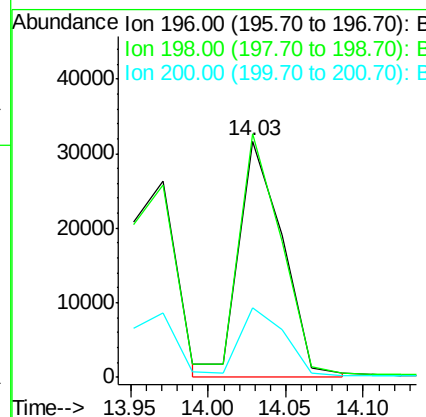
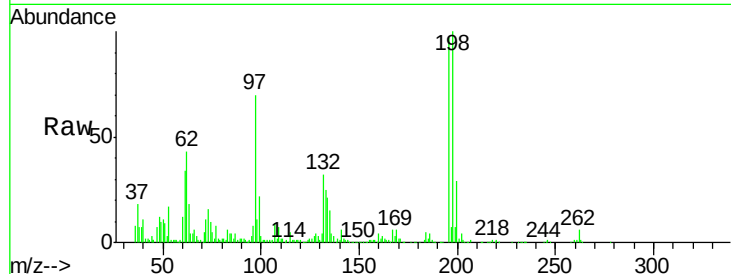
#39
 2,4,5-Trichlorophenol
 Concen: 2.83 ng/ul
 RT: 14.03 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Instrument :
 BNA_B
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	62479		
198	103.1	76.8	115.2	
200	29.4	27.0	40.4	

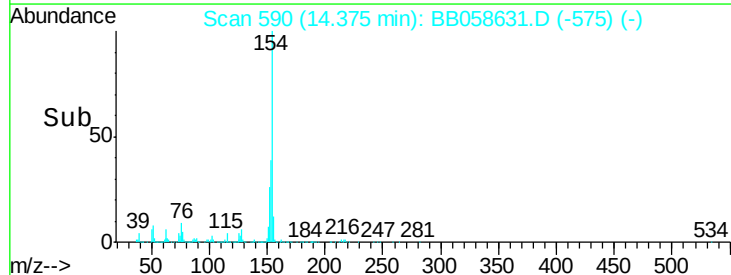
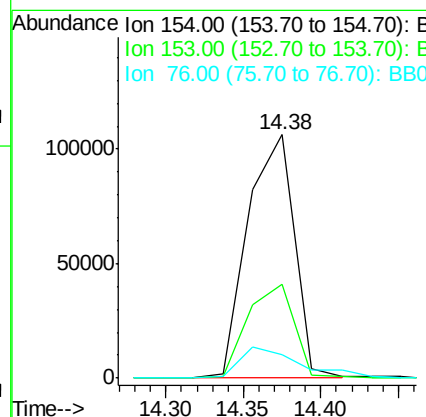
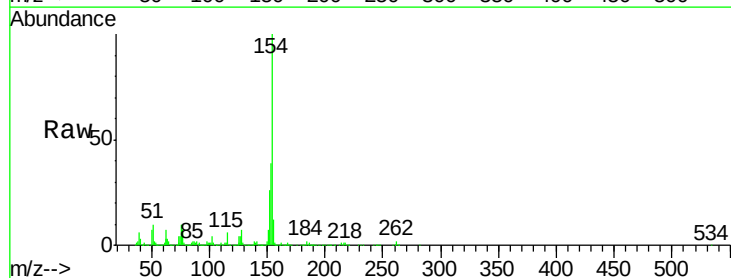
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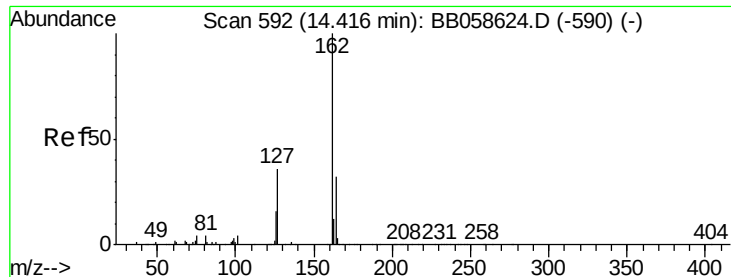
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#40
 1,1'-Biphenyl
 Concen: 3.01 ng/ul
 RT: 14.38 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	224824		
153	38.8	31.3	46.9	
76	9.6	10.0	15.0	





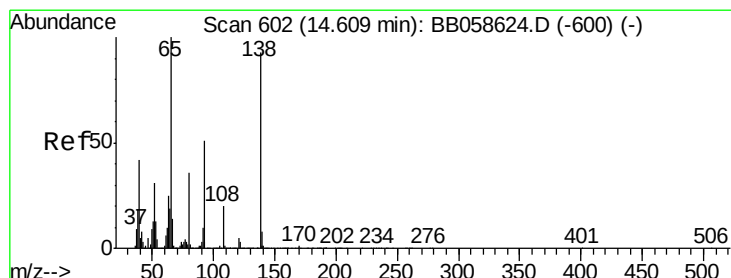
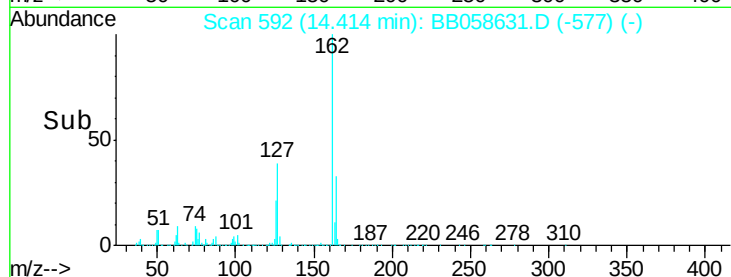
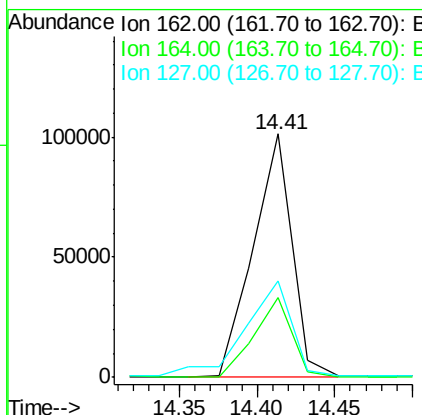
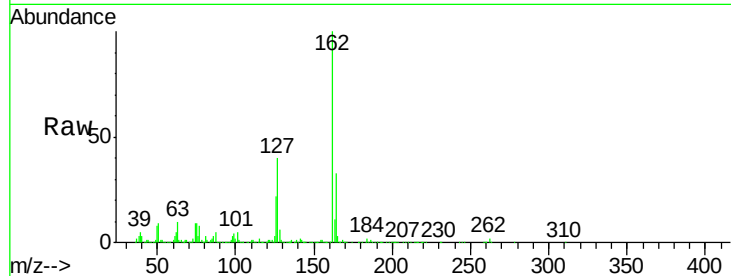
#41
 2-Chloronaphthalene
 Concen: 3.00 ng/ul
 RT: 14.41 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Instrument :
 BNA_B
 ClientSampleID :
 MDL-06-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	32.8	26.9	40.3
127	39.8	31.2	46.8

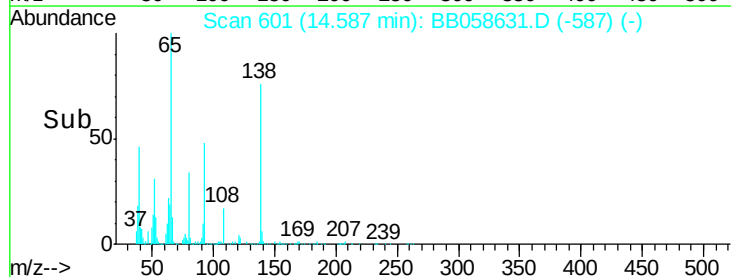
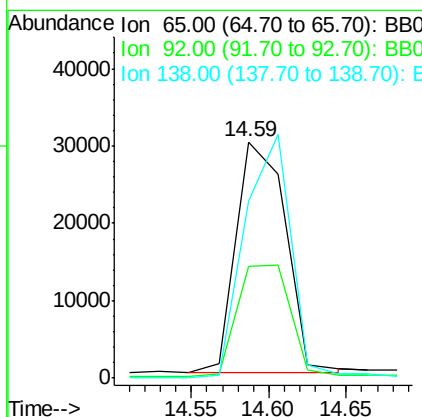
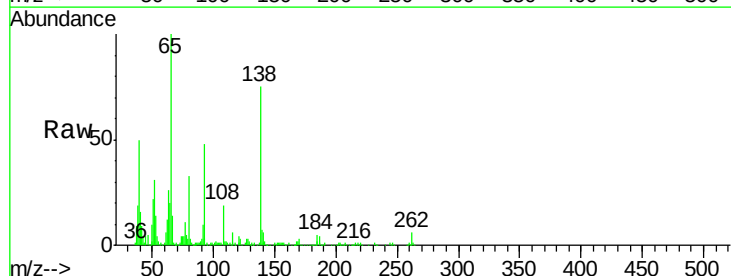
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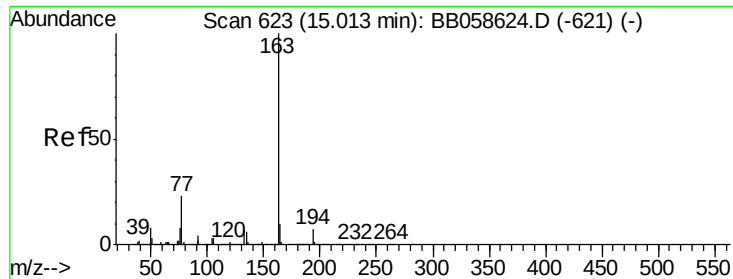
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#42
 2-Nitroaniline
 Concen: 2.96 ng/ul
 RT: 14.59 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	47.6	55.6	83.4#
138	74.8	81.3	121.9#





#44

Dimethylphthalate

Concen: 3.04 ng/ul

RT: 15.01 min Scan# 623

Delta R.T. -0.00 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Instrument :

BNA_B

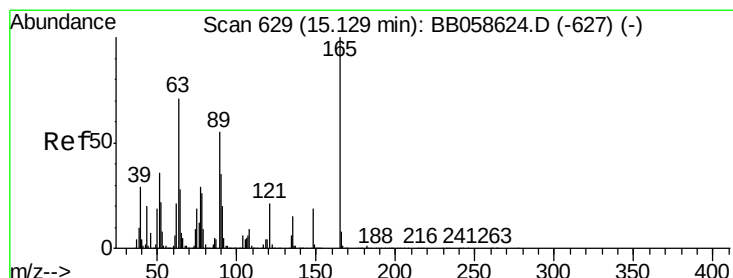
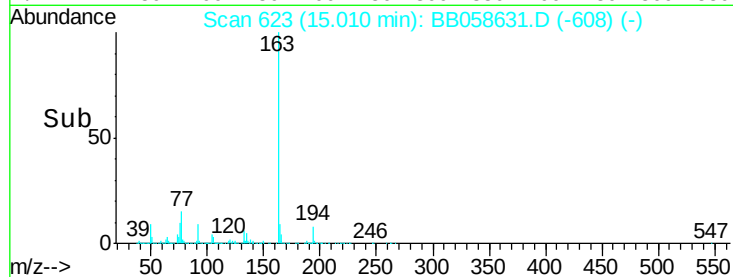
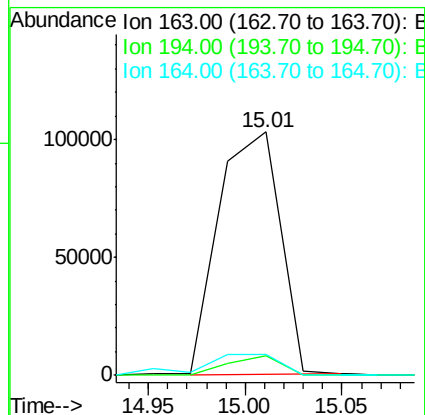
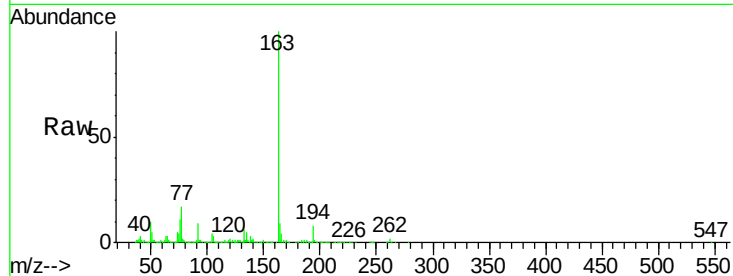
ClientSampled :

MDL-06-S

Tgt Ion:	163	Resp:	225359
Ion Ratio	Lower	Upper	
163	100		
194	8.1	3.4	5.2#
164	8.7	7.8	11.8

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#45

2,6-Dinitrotoluene

Concen: 2.82 ng/ul

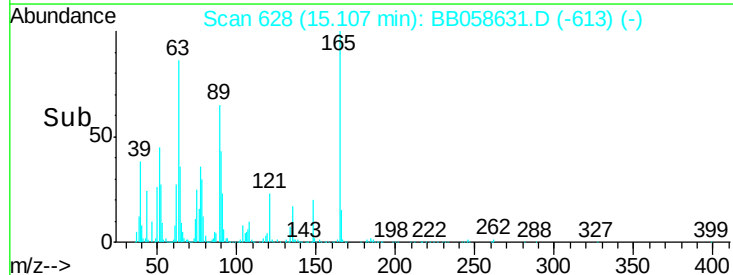
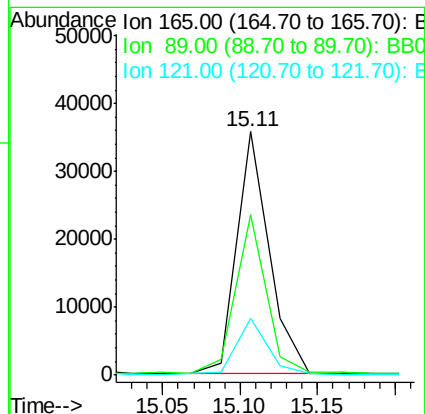
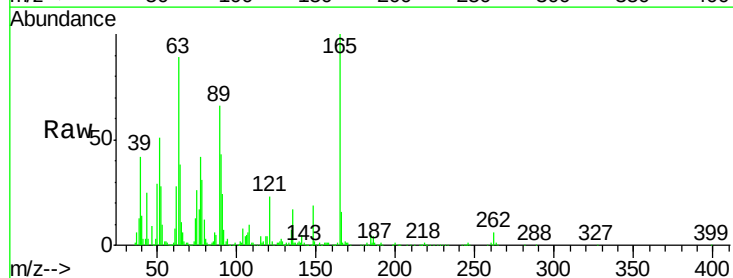
RT: 15.11 min Scan# 628

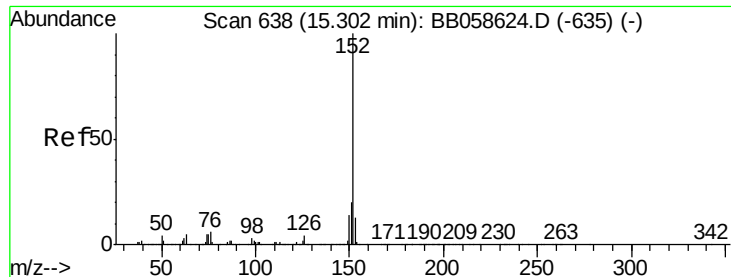
Delta R.T. -0.00 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Tgt Ion:	165	Resp:	52759
Ion Ratio	Lower	Upper	
165	100		
89	65.7	46.6	69.8
121	23.5	16.0	24.0





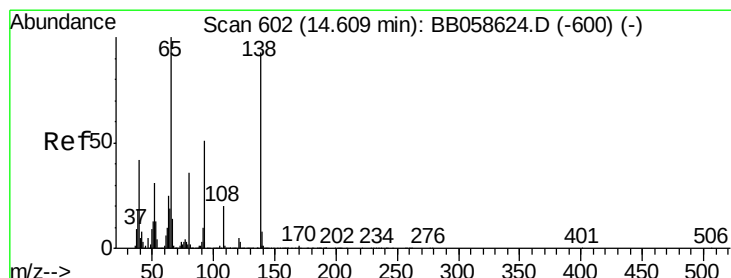
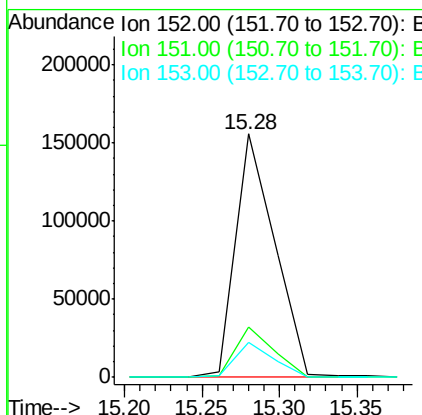
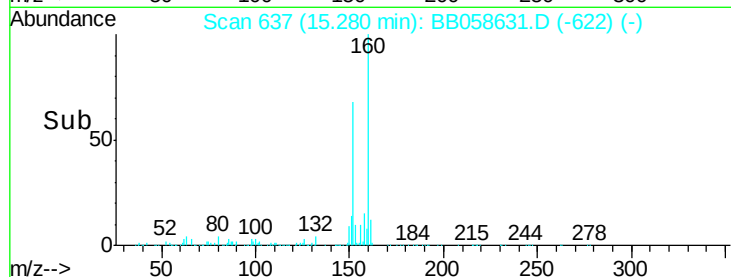
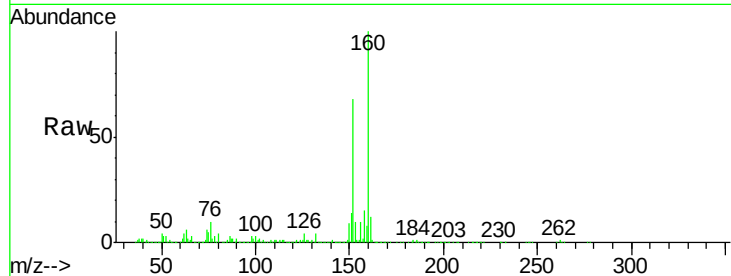
#47
 Acenaphthylene
 Concen: 3.26 ng/ul
 RT: 15.28 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Instrument :
 BNA_B
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	276377		
151	20.5	16.0	24.0	
153	14.2	11.0	16.6	

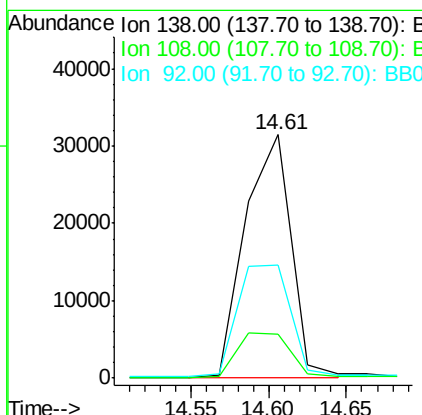
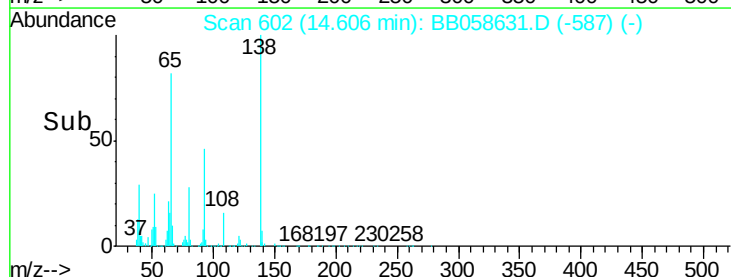
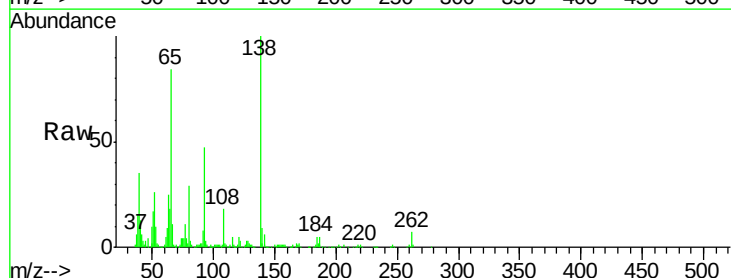
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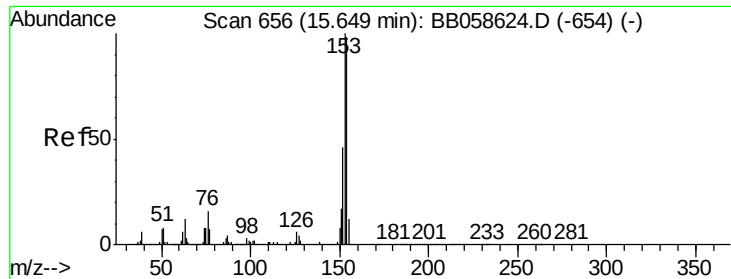
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#48
 3-Nitroaniline
 Concen: 2.67 ng/ul
 RT: 14.61 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	65426		
108	18.1	9.4	14.0#	
92	46.6	96.6	145.0#	





#49

Acenaphthene

Concen: 3.08 ng/ul

RT: 15.65 min Scan# 656

Delta R.T. -0.00 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Instrument :

BNA_B

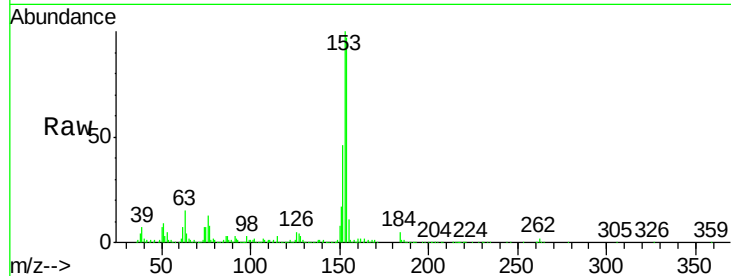
ClientSampleId :

MDL-06-S

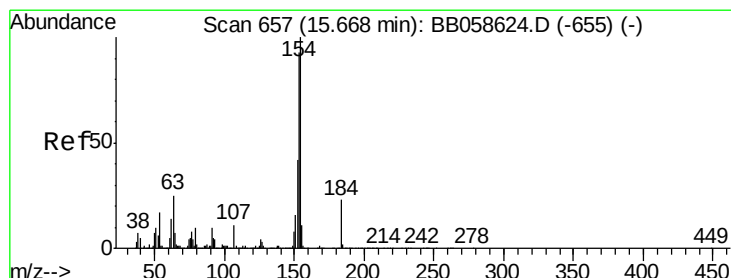
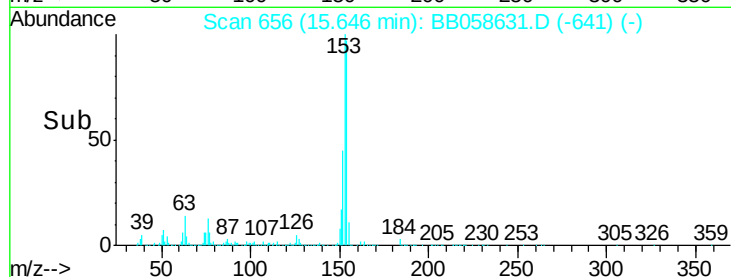
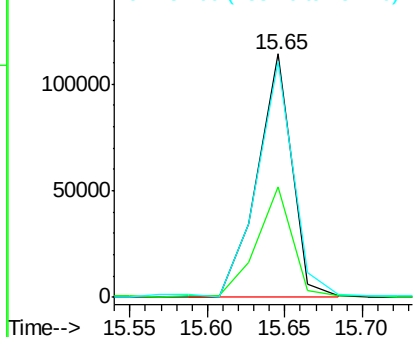
Tgt Ion:	153	Resp:	178855
Ion Ratio		Lower	Upper
153	100		
152	45.5	37.8	56.6
154	96.7	71.4	107.0

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 1.50 ng/ul

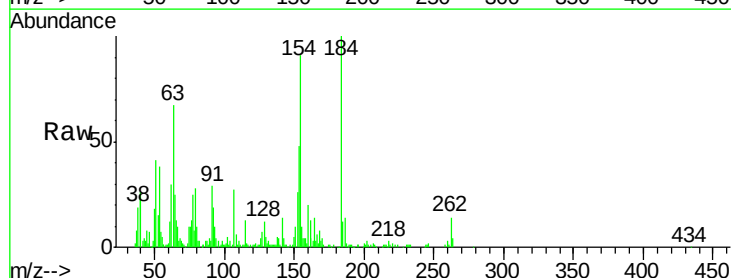
RT: 15.66 min Scan# 657

Delta R.T. -0.00 min

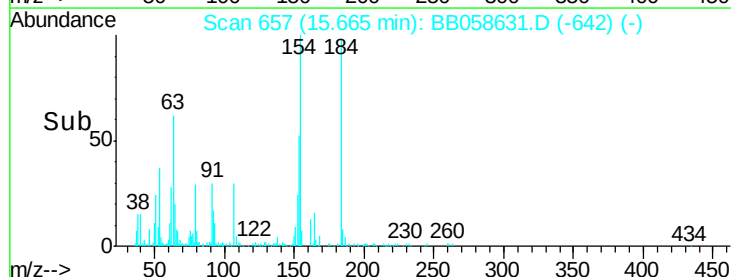
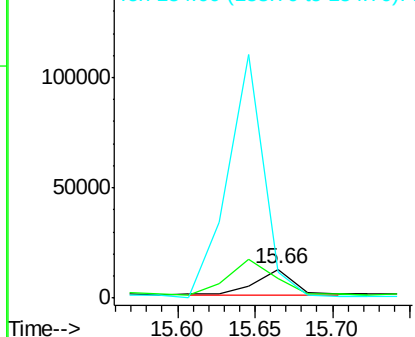
Lab File: BB058631.D

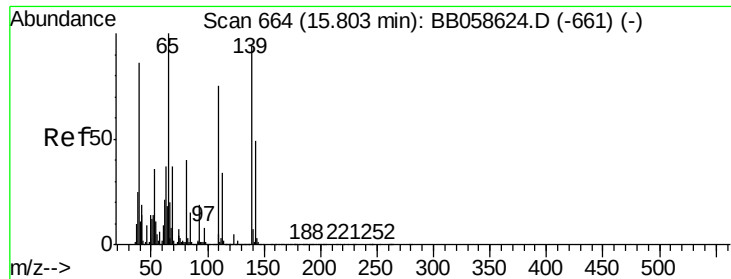
Acq: 13 Oct 2016 14:09

Tgt Ion:	184	Resp:	19975
Ion Ratio		Lower	Upper
184	100		
63	66.5	43.4	65.0#
154	90.6	48.2	72.4#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BB0
Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 2.84 ng/ul

RT: 15.78 min Scan# 663

Delta R.T. -0.02 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Instrument :

BNA_B

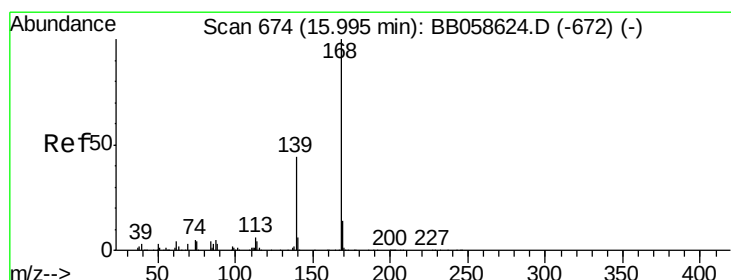
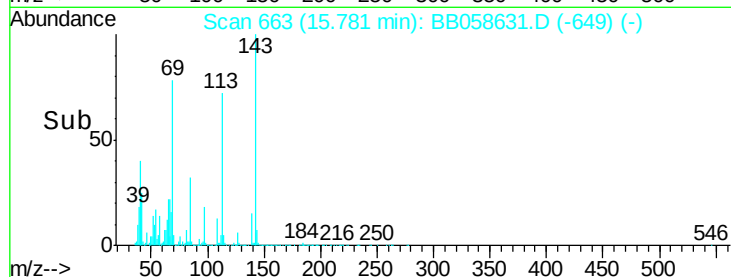
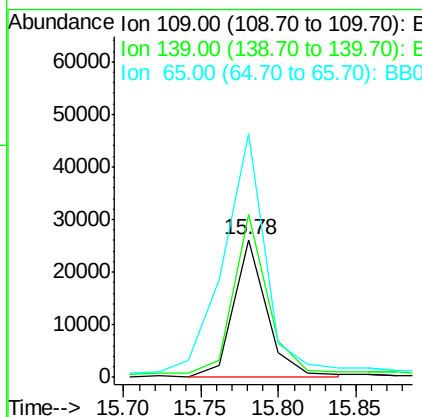
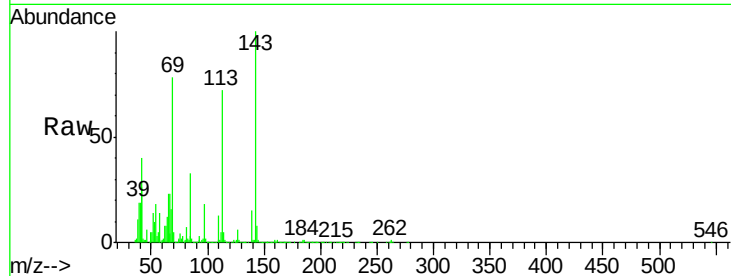
ClientSampleId :

MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	39259		
139	118.5	88.7	133.1	
65	177.2	96.4	144.6	

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#53

Dibenzofuran

Concen: 3.00 ng/ul

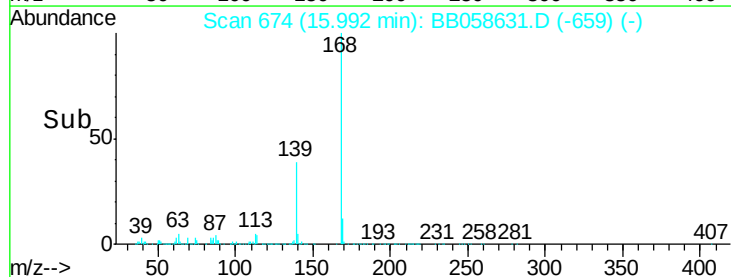
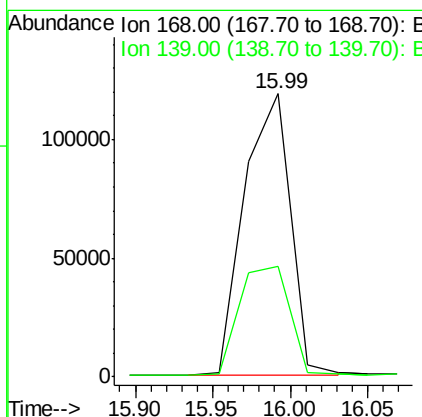
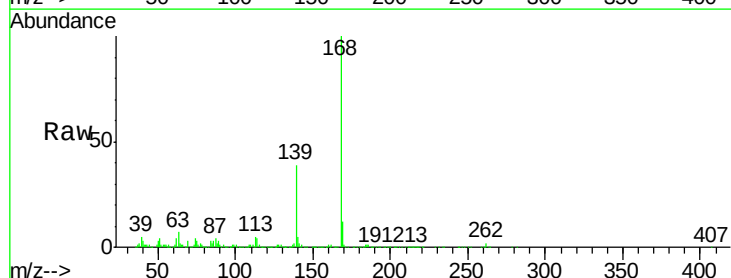
RT: 15.99 min Scan# 674

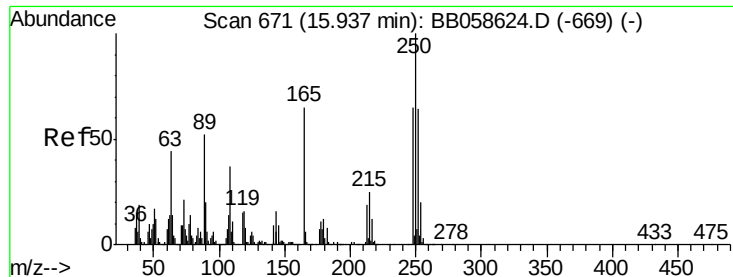
Delta R.T. -0.00 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	248276		
139	39.0	30.1	45.1	





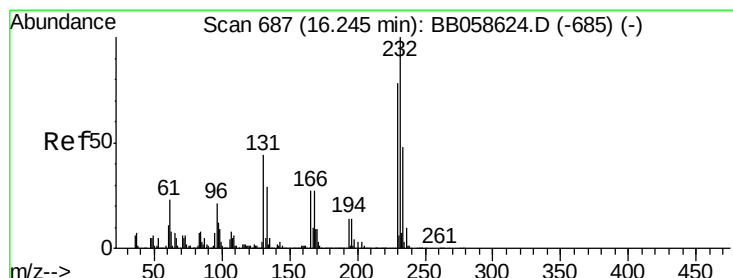
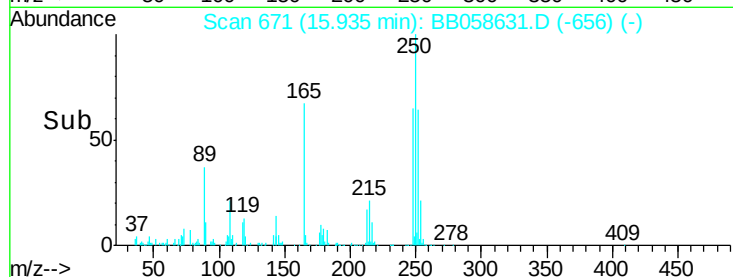
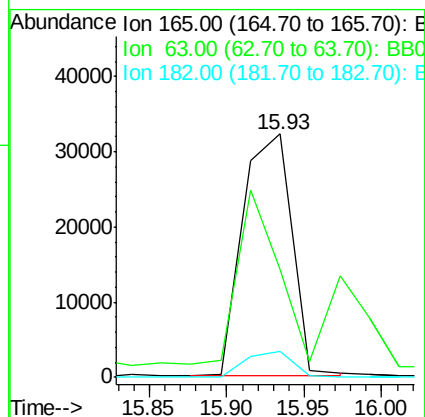
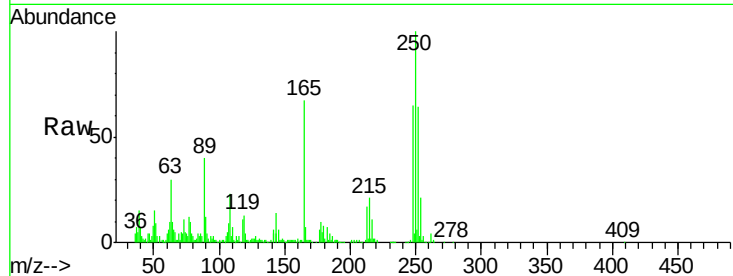
#54
 2,4-Dinitrotoluene
 Concen: 2.73 ng/ul
 RT: 15.93 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Instrument :
 BNA_B
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.4	36.2	54.2
182	10.5	2.2	3.4#

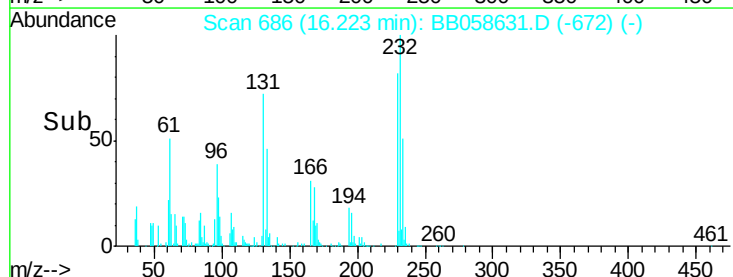
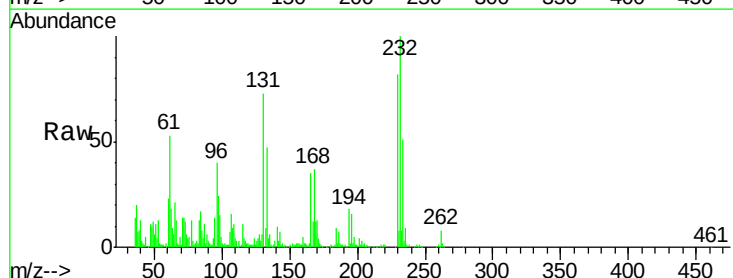
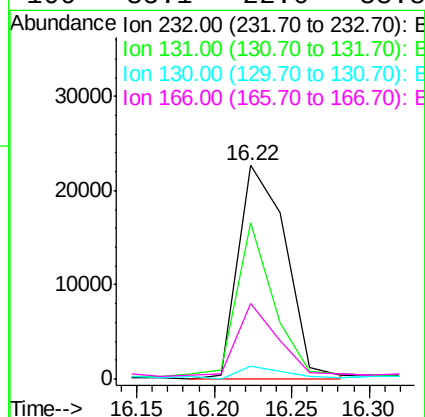
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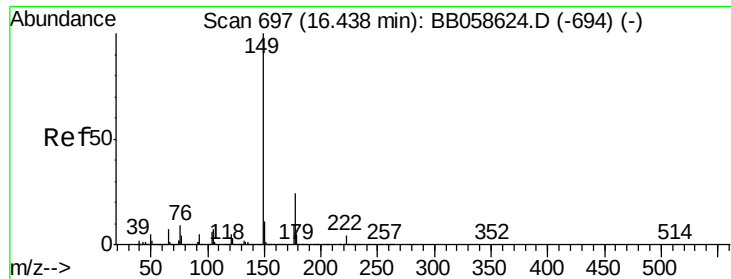
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.55 ng/ul
 RT: 16.22 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Lower	Upper
232	100		
131	73.1	31.4	47.0#
130	6.2	1.6	2.4#
166	35.1	22.6	33.8#





#56

Diethylphthalate

Concen: 3.29 ng/ul

RT: 16.42 min Scan# 696

Delta R.T. -0.00 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Instrument :

BNA_B

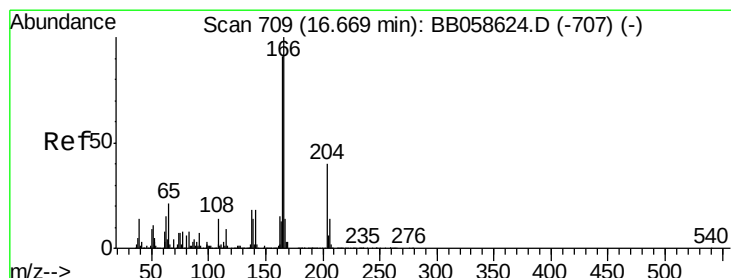
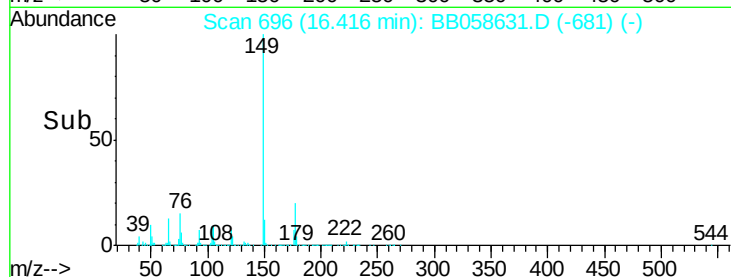
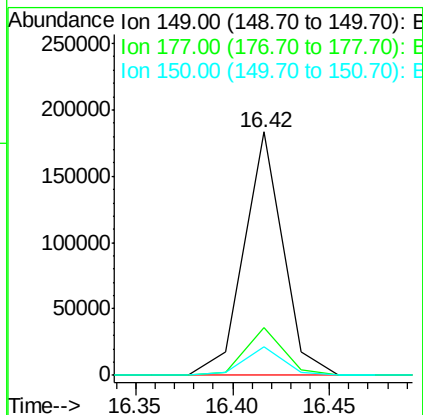
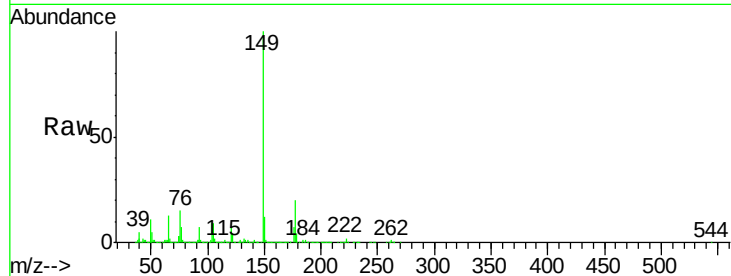
ClientSampleId :

MDL-06-S

Tgt Ion:	149	Resp:	253125
Ion Ratio	Lower	Upper	
149	100		
177	19.5	18.6	28.0
150	11.7	10.0	15.0

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#58

Fluorene

Concen: 2.93 ng/ul

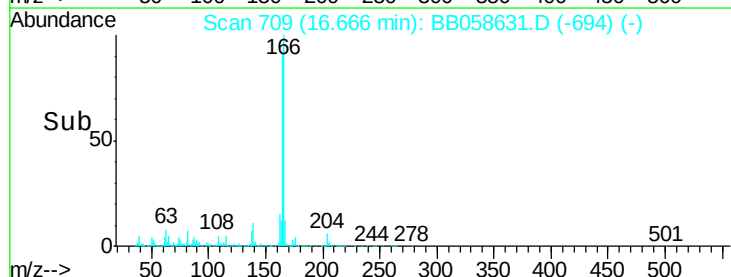
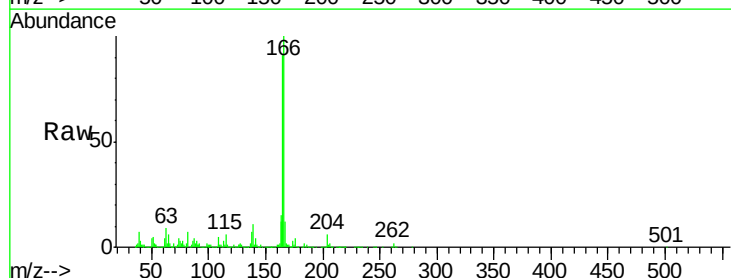
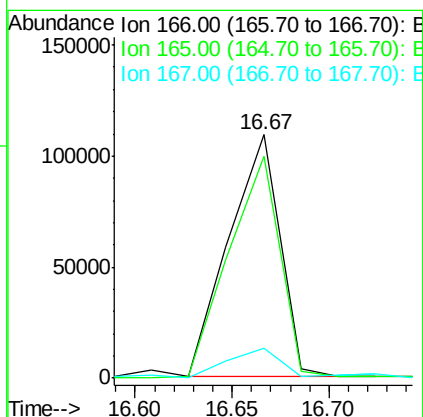
RT: 16.67 min Scan# 709

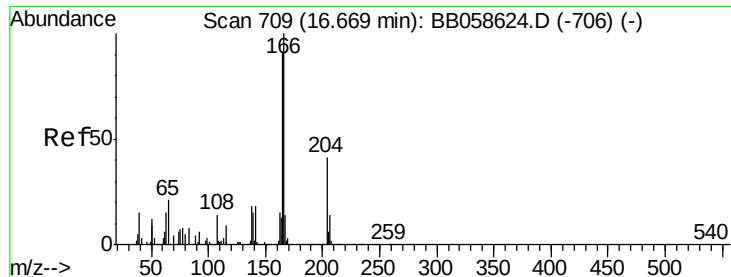
Delta R.T. -0.00 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Tgt Ion:	166	Resp:	197448
Ion Ratio	Lower	Upper	
166	100		
165	91.1	79.9	119.9
167	12.5	10.5	15.7





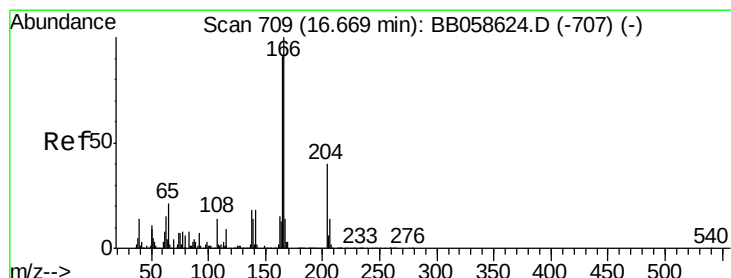
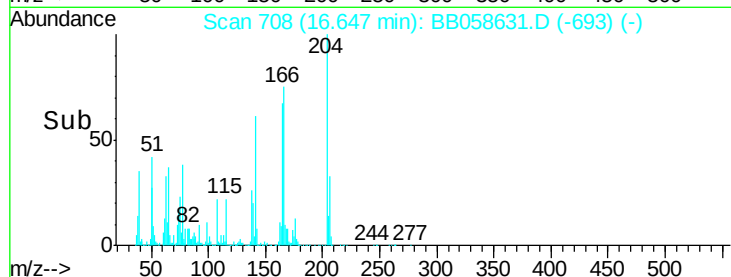
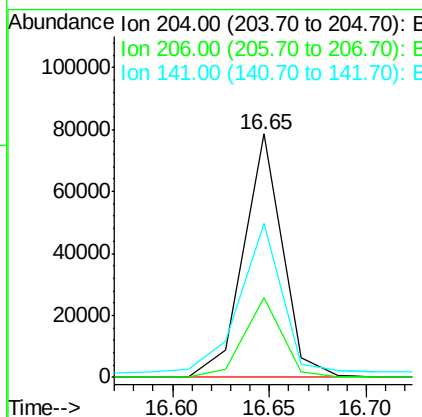
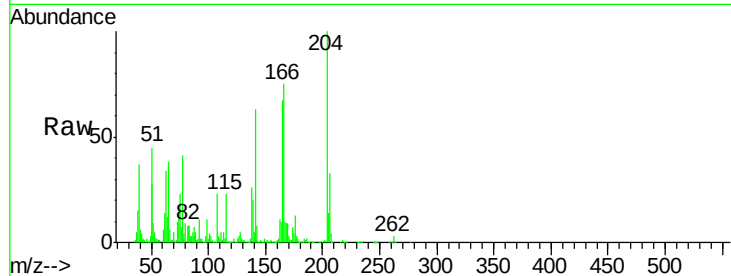
#59
 4-Chlorophenyl-phenylether
 Concen: 3.00 ng/ul
 RT: 16.65 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Instrument :
 BNA_B
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.9	25.9	38.9
141	63.0	46.1	69.1

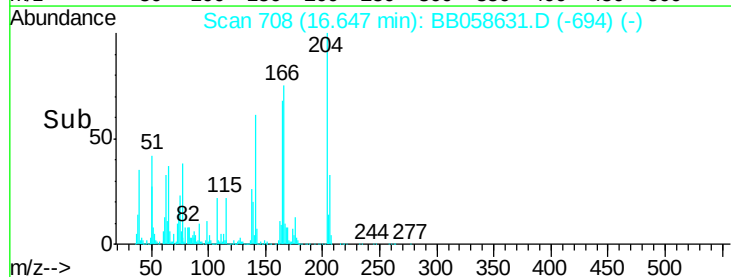
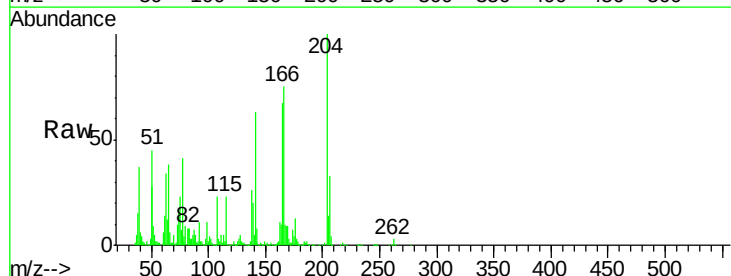
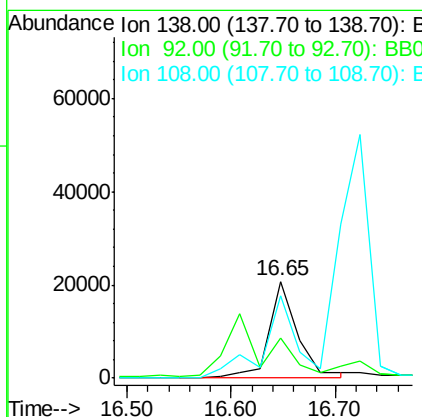
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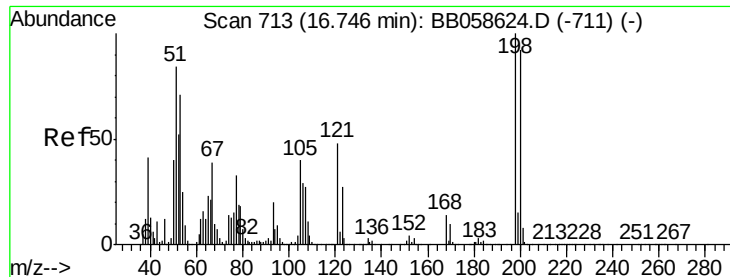
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#60
 4-Nitroaniline
 Concen: 2.08 ng/ul m
 RT: 16.65 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	41.0	43.5	65.3#
108	85.6	80.3	120.5





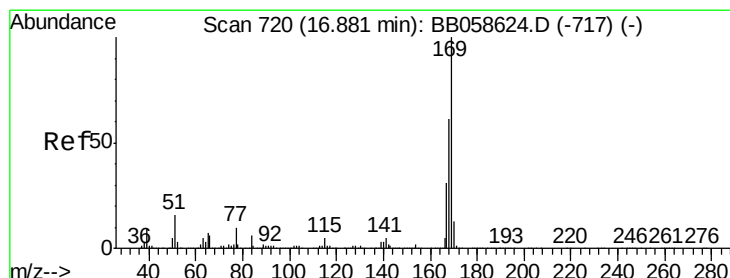
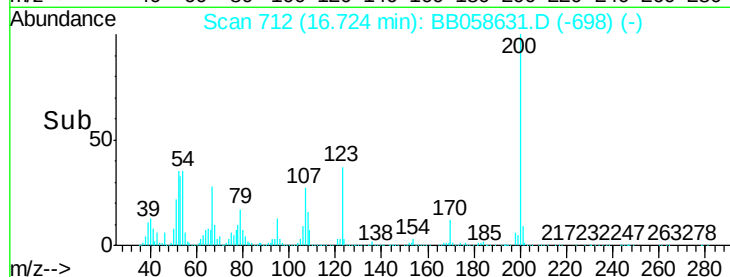
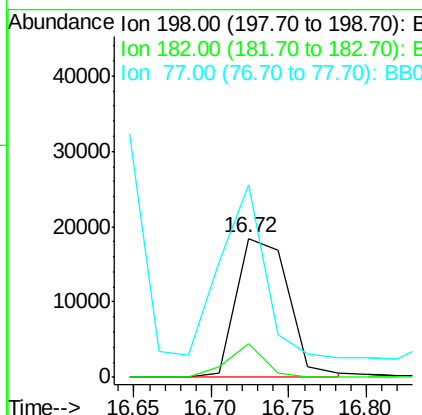
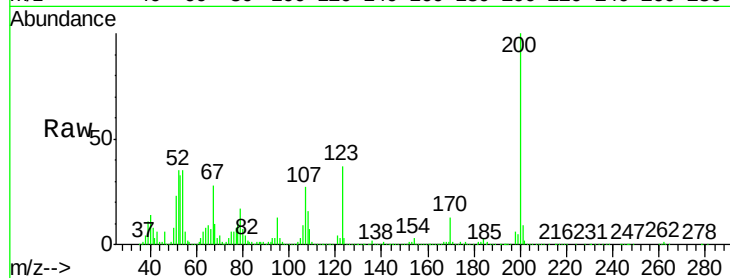
#63
4,6-Dinitro-2-methylphenol
Concen: 2.32 ng/ul
RT: 16.72 min Scan# 712
Delta R.T. -0.02 min
Lab File: BB058631.D
Acq: 13 Oct 2016 14:09

Instrument :
BNA_B
ClientSampled :
MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	43842		
182	24.6	3.3	4.9#	
77	138.5	21.8	32.6#	

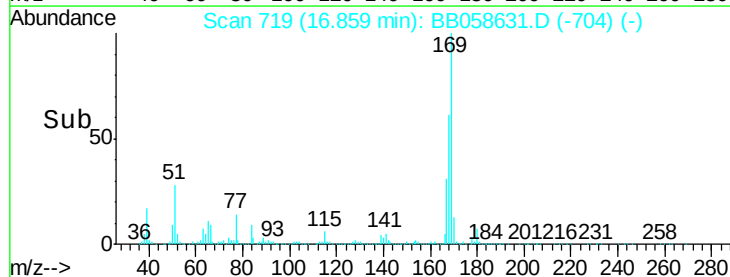
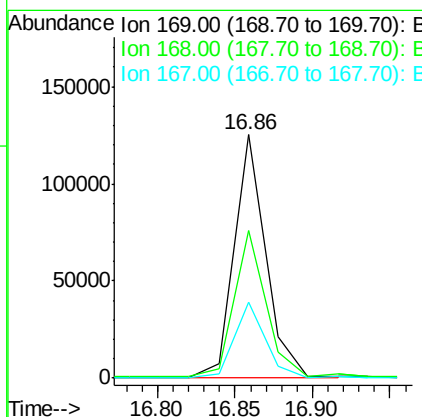
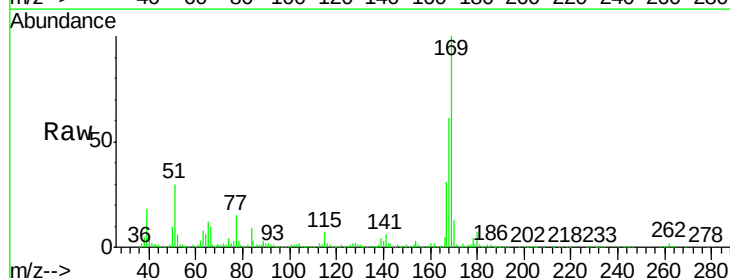
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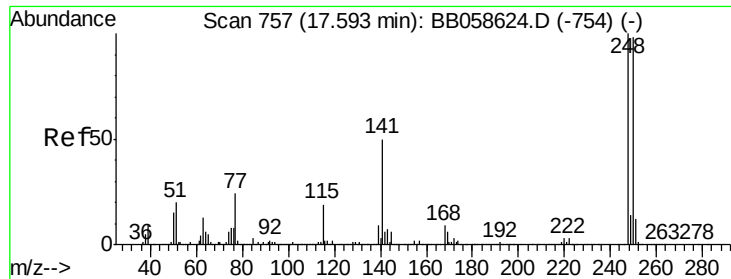
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#64
N-Nitrosodiphenylamine
Concen: 3.09 ng/ul
RT: 16.86 min Scan# 719
Delta R.T. -0.00 min
Lab File: BB058631.D
Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	177625		
168	60.9	52.6	79.0	
167	31.2	28.6	43.0	





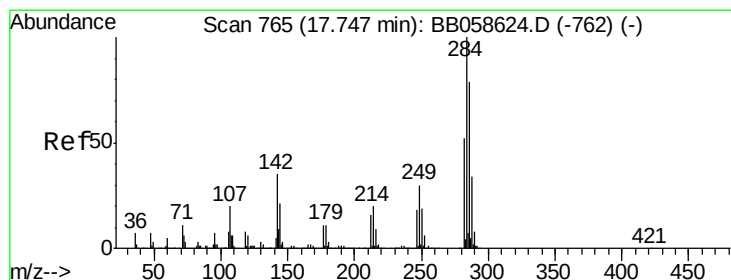
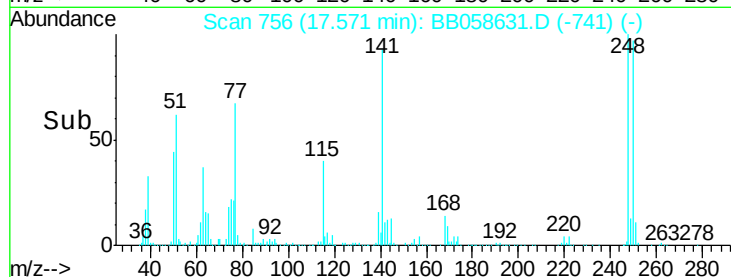
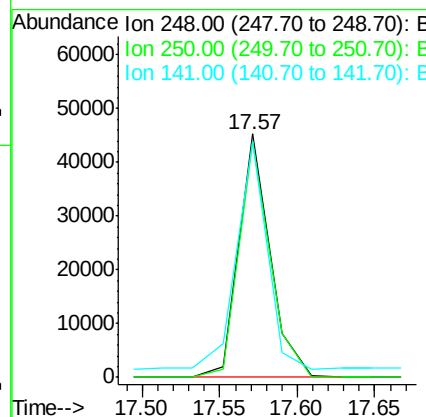
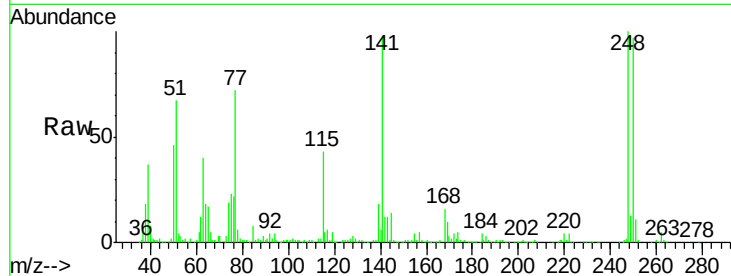
#65
4-Bromophenyl-phenylether
Concen: 2.83 ng/ul
RT: 17.57 min Scan# 756
Delta R.T. -0.00 min
Lab File: BB058631.D
Acq: 13 Oct 2016 14:09

Instrument :
BNA_B
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.7	119.5
141	96.9	58.3	87.5

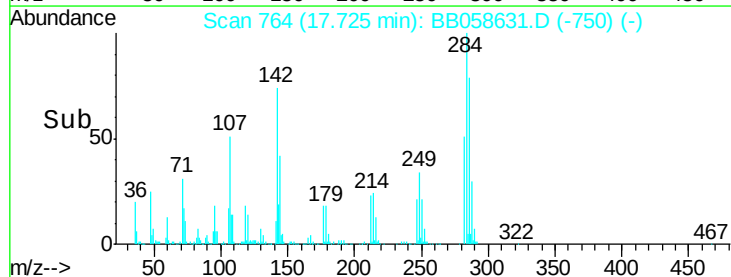
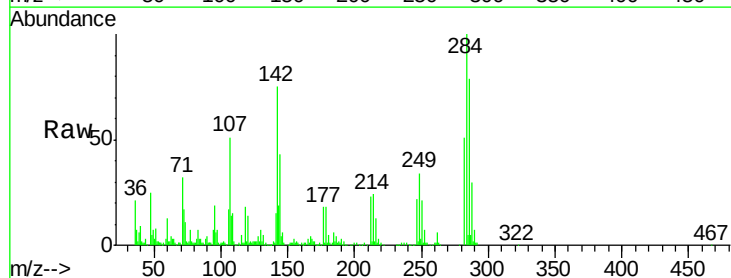
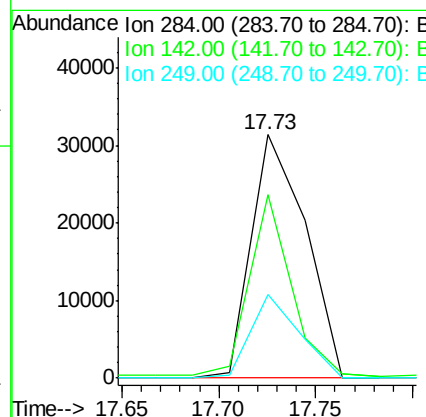
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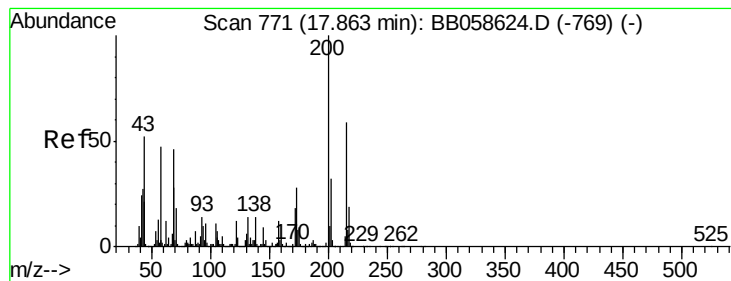
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#66
Hexachlorobenzene
Concen: 2.65 ng/ul
RT: 17.73 min Scan# 764
Delta R.T. -0.02 min
Lab File: BB058631.D
Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	71.5	24.9	37.3
249	35.1	25.5	38.3





#67

Atrazine

Concen: 2.84 ng/ul

RT: 17.84 min Scan# 770

Delta R.T. -0.02 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Instrument :

BNA_B

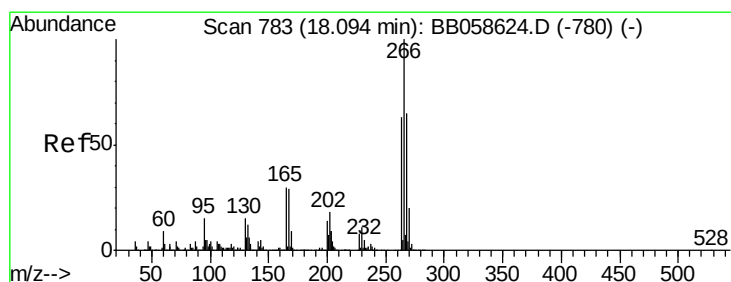
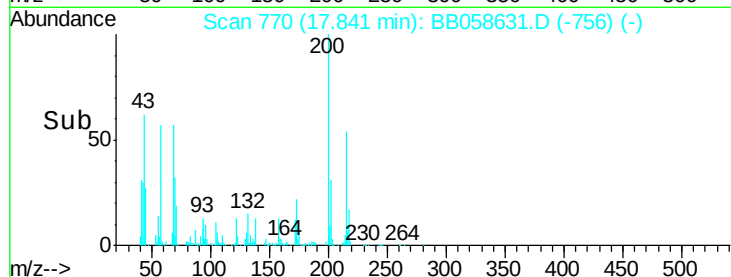
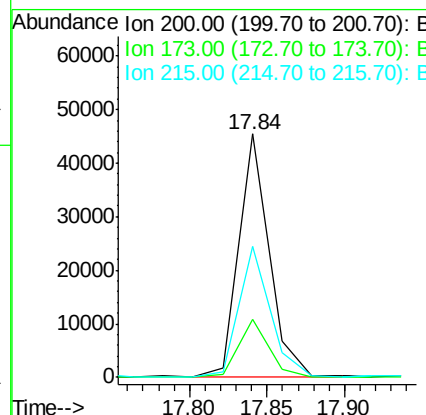
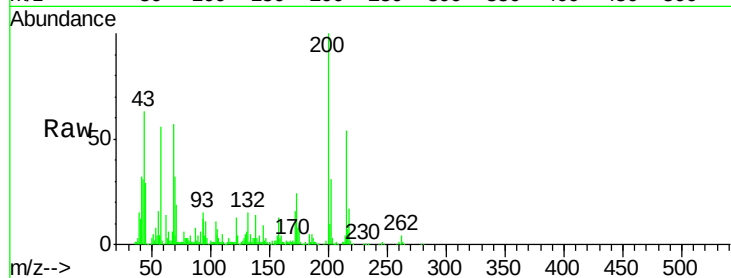
ClientSampleId :

MDL-06-S

Tgt Ion:	200	Resp:	62076
Ion Ratio	Lower	Upper	
200	100		
173	23.9	18.9	28.3
215	53.5	39.5	59.3

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#68

Pentachlorophenol

Concen: 2.02 ng/ul

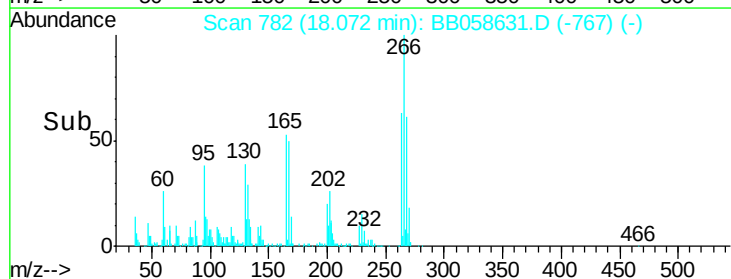
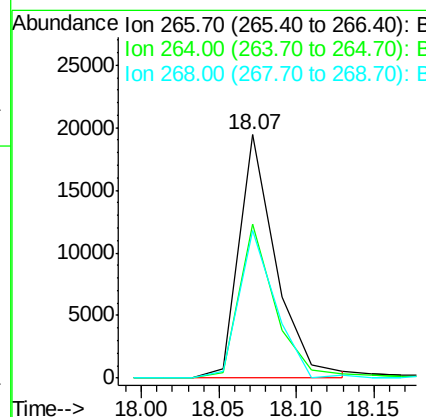
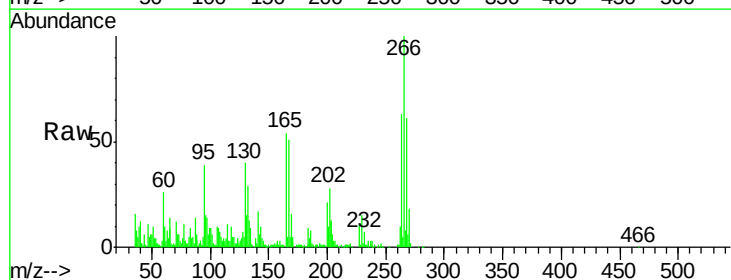
RT: 18.07 min Scan# 782

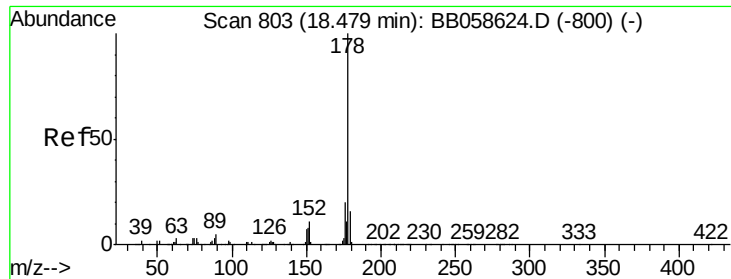
Delta R.T. -0.00 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Tgt Ion:	266	Resp:	32682
Ion Ratio	Lower	Upper	
266	100		
264	63.1	50.6	75.8
268	60.8	51.0	76.6





#69

Phenanthrene

Concen: 3.20 ng/ul

RT: 18.46 min Scan# 802

Delta R.T. -0.02 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Instrument :

BNA_B

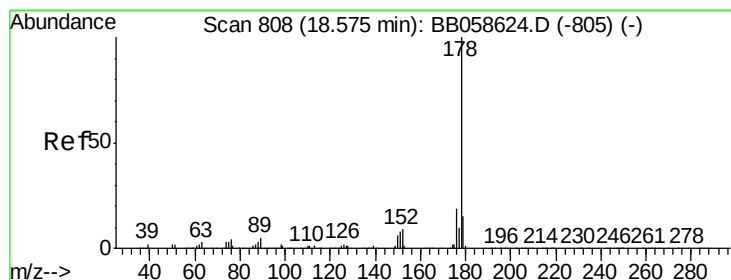
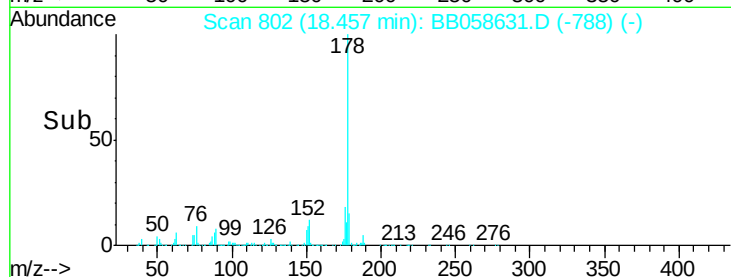
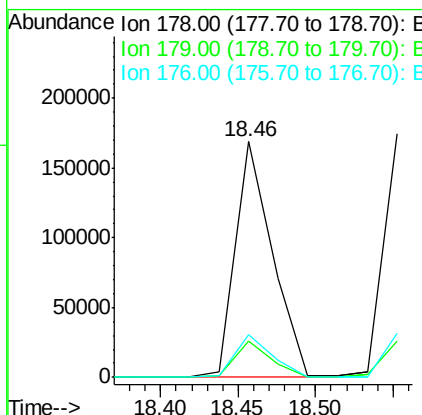
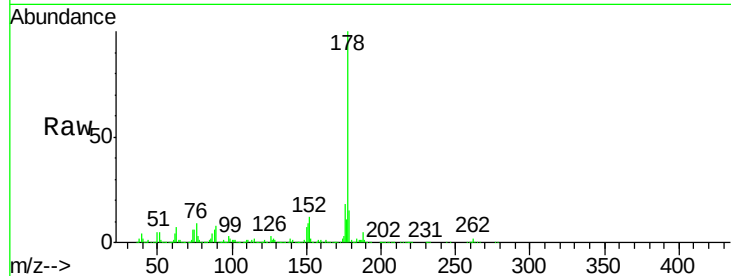
ClientSampleId :

MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	283496		
179	15.1	12.2	18.2	
176	18.0	15.1	22.7	

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#71

Anthracene

Concen: 3.15 ng/ul

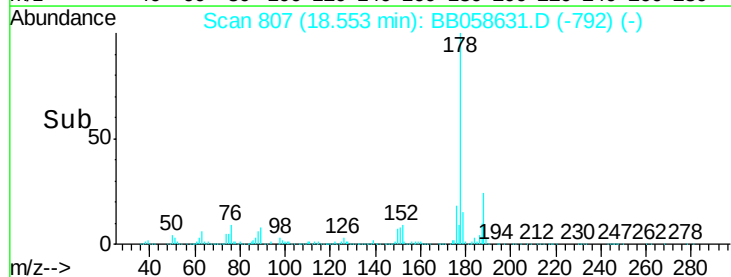
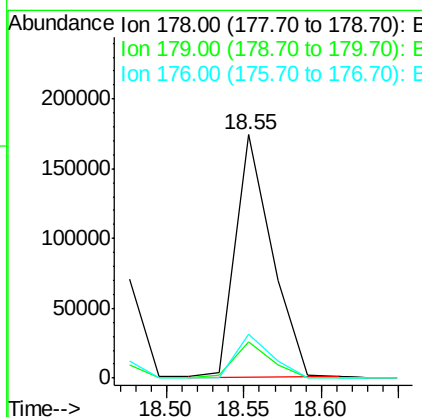
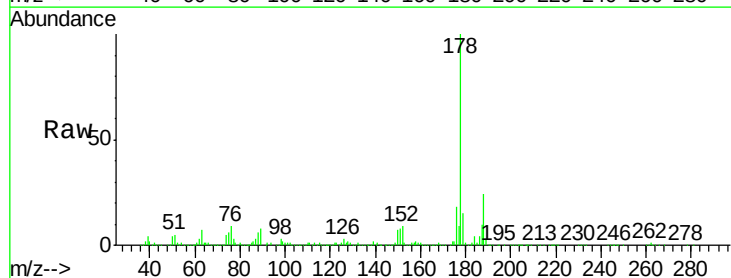
RT: 18.55 min Scan# 807

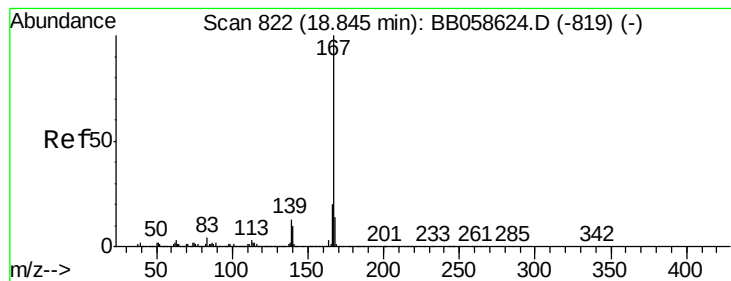
Delta R.T. -0.00 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	285590		
179	15.1	12.1	18.1	
176	18.0	14.5	21.7	





#72

Carbazole

Concen: 3.27 ng/ul

RT: 18.82 min Scan# 821

Delta R.T. -0.00 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Instrument :

BNA_B

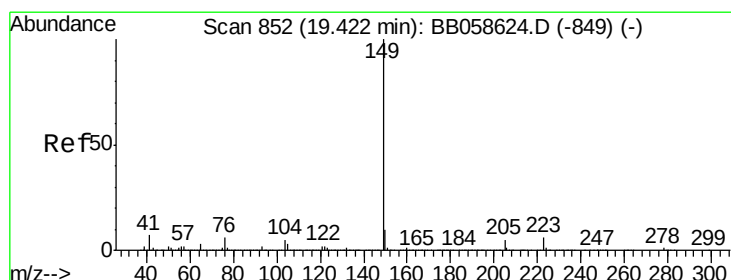
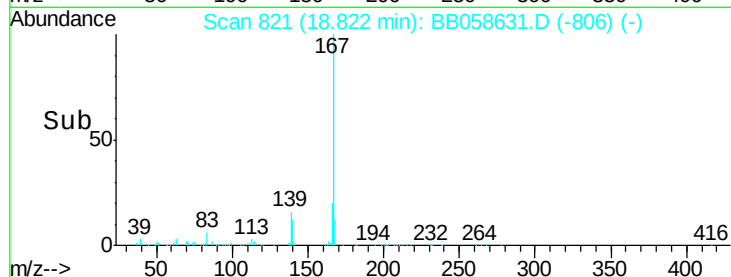
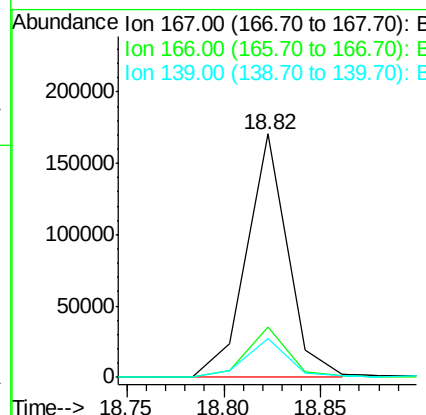
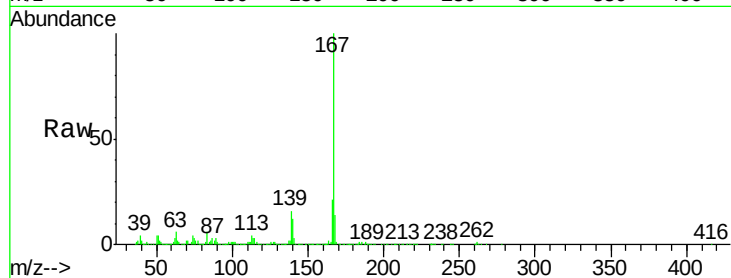
ClientSampleId :

MDL-06-S

Tgt	Ion	167	Resp:	247494
Ion	Ratio	100	Lower	Upper
167	100			
166	20.9	16.6	25.0	
139	15.9	10.2	15.4	

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#73

Di-n-butylphthalate

Concen: 3.55 ng/ul

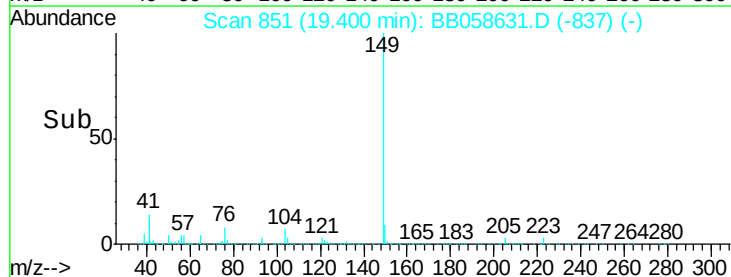
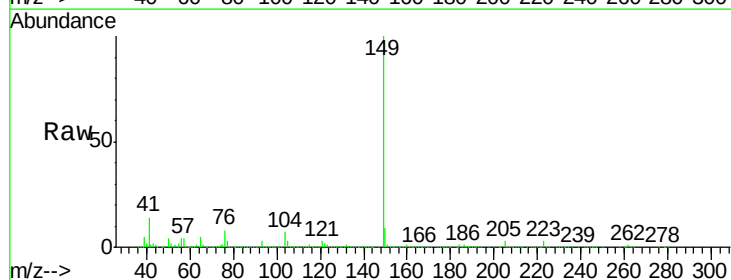
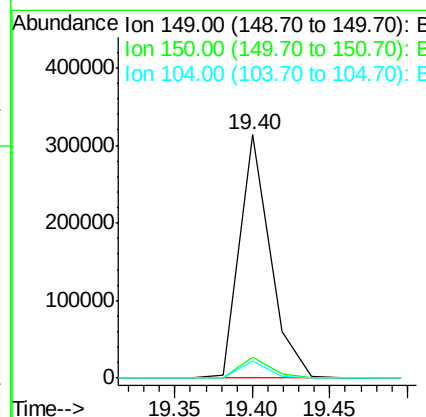
RT: 19.40 min Scan# 851

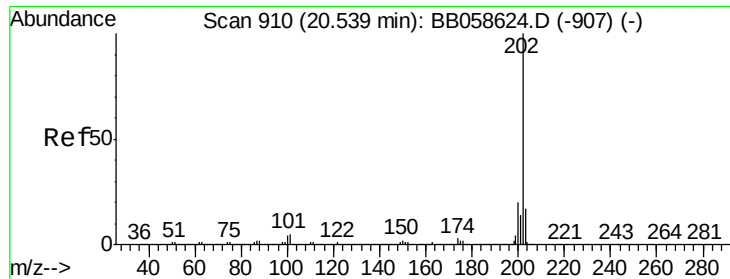
Delta R.T. -0.02 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Tgt	Ion	149	Resp:	438057
Ion	Ratio	100	Lower	Upper
149	100			
150	8.6	7.6	11.4	
104	6.8	4.6	7.0	





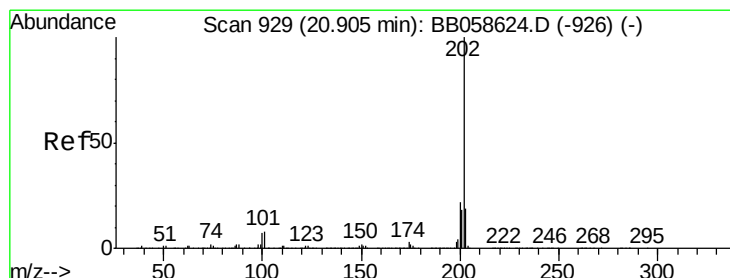
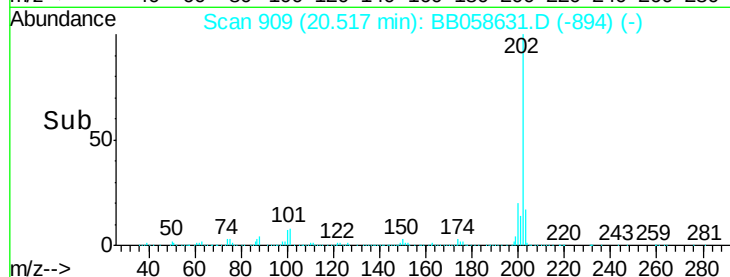
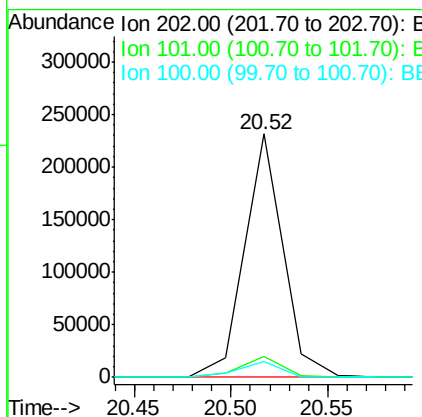
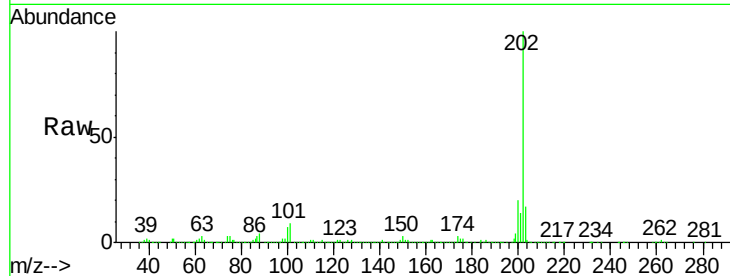
#74
 Fluoranthene
 Concen: 3.48 ng/ul
 RT: 20.52 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Instrument :
 BNA_B
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.6	6.9	10.3
100	6.7	5.4	8.0

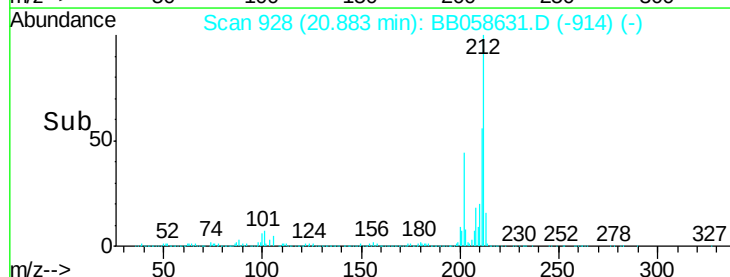
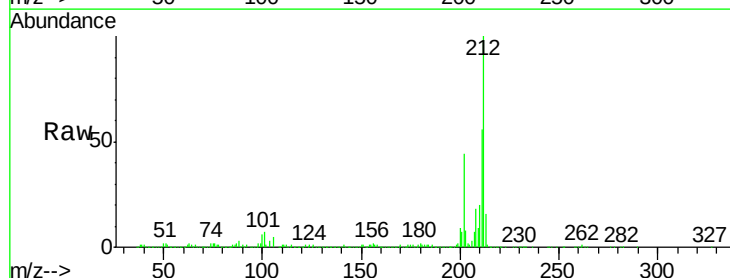
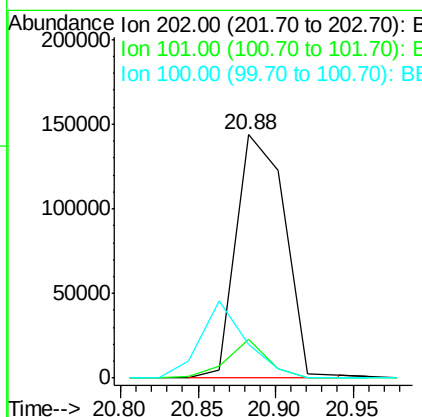
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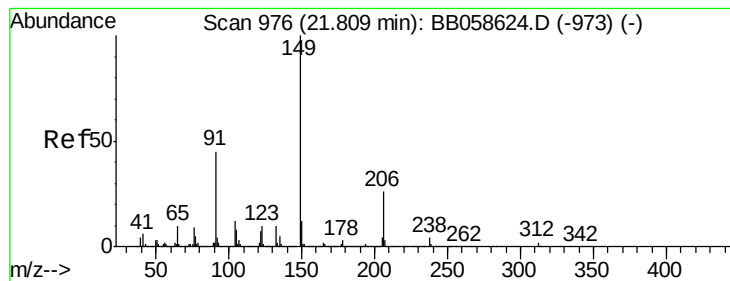
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#77
 Pyrene
 Concen: 3.19 ng/ul
 RT: 20.88 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BB058631.D
 Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.2	8.4	12.6#
100	13.7	6.9	10.3#





#78

Butylbenzylphthalate

Concen: 3.16 ng/ul

RT: 21.79 min Scan# 975

Delta R.T. -0.02 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Instrument :

BNA_B

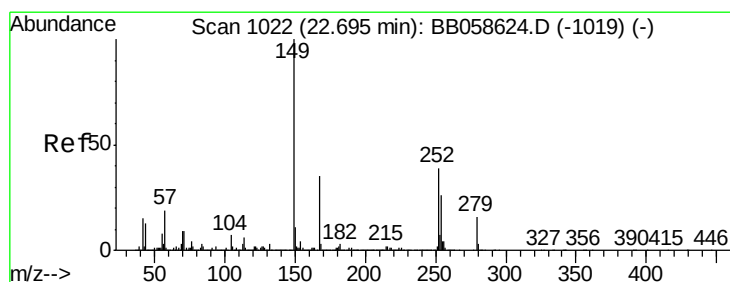
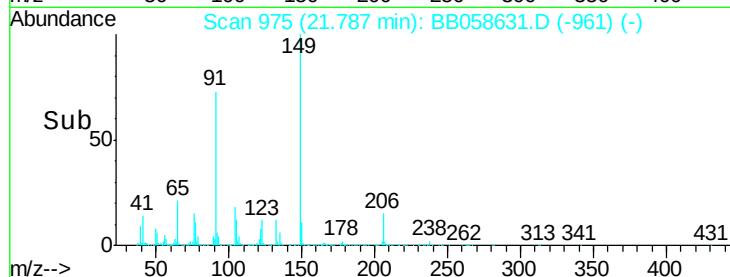
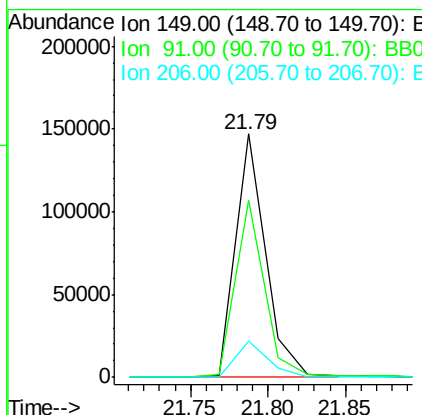
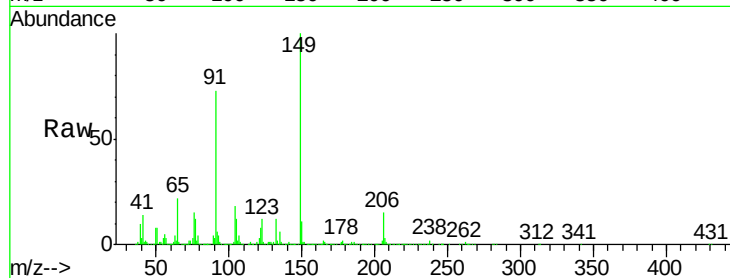
ClientSampleId :

MDL-06-S

Tgt Ion:	149	Resp:	201869
Ion Ratio	Lower	Upper	
149	100		
91	72.8	57.3	85.9
206	14.7	18.6	27.8#

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#79

3,3'-Dichlorobenzidine

Concen: 1.83 ng/ul

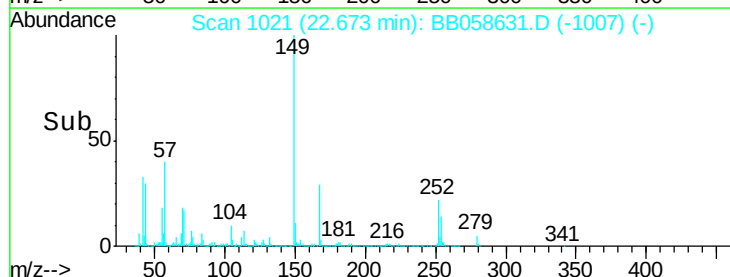
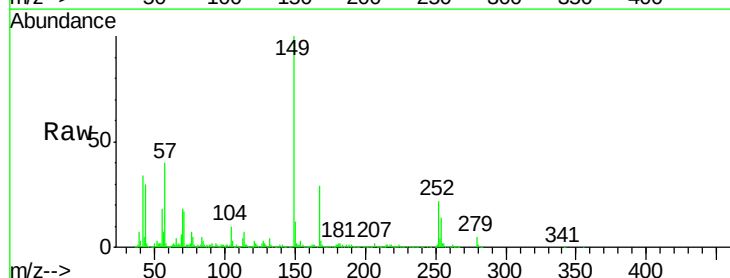
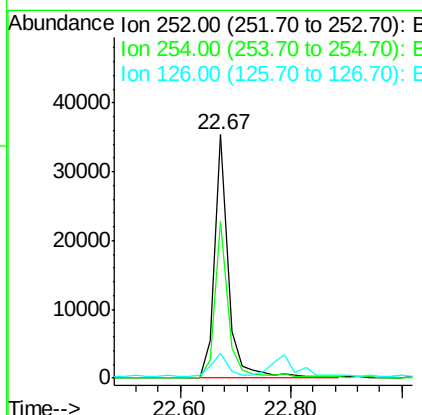
RT: 22.67 min Scan# 1021

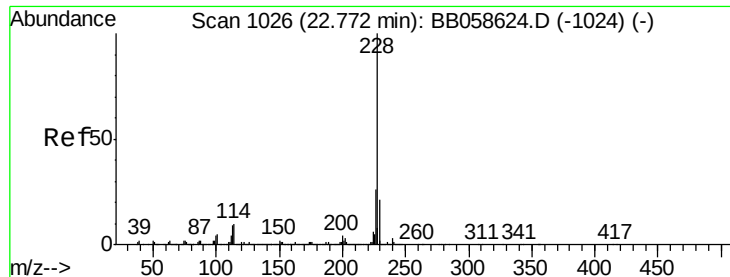
Delta R.T. -0.02 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Tgt Ion:	252	Resp:	60897
Ion Ratio	Lower	Upper	
252	100		
254	64.4	51.0	76.4
126	10.2	7.1	10.7





#80

Benzo(a)anthracene

Concen: 3.19 ng/ul

RT: 22.77 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Instrument :

BNA_B

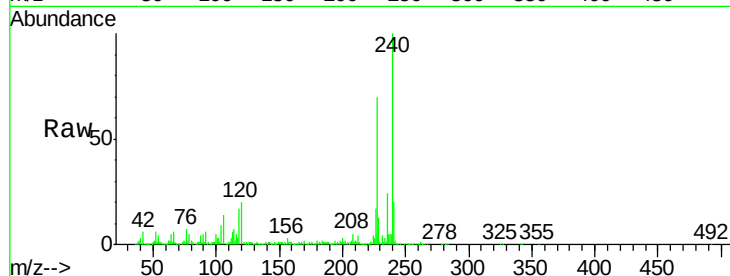
ClientSampled :

MDL-06-S

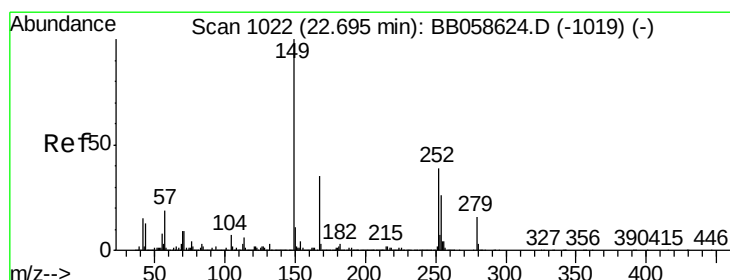
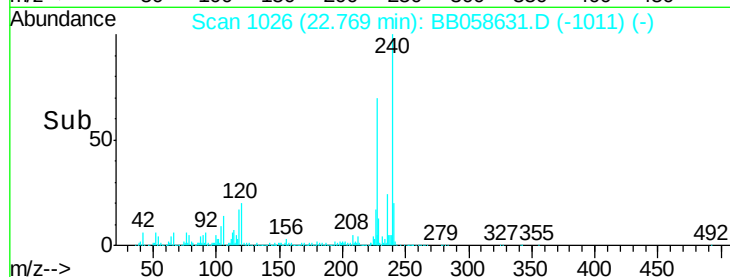
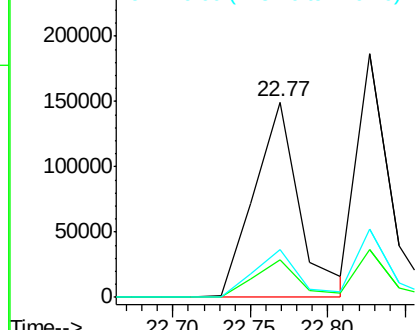
Tgt Ion:	228	Resp:	306263
Ion Ratio	Lower	Upper	
228	100		
229	19.0	15.6	23.4
226	24.3	21.8	32.8

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



#81

Bis(2-ethylhexyl)phthalate

Concen: 3.00 ng/ul

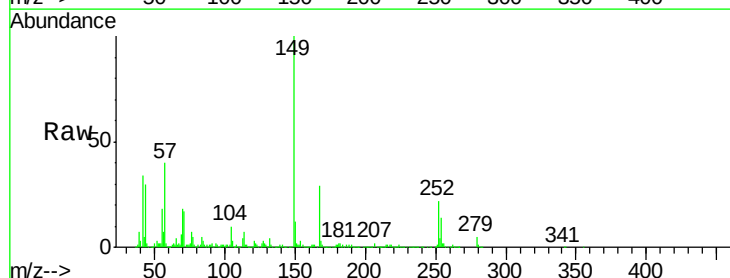
RT: 22.67 min Scan# 1021

Delta R.T. -0.02 min

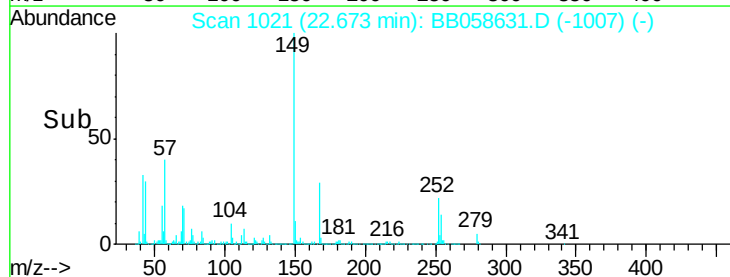
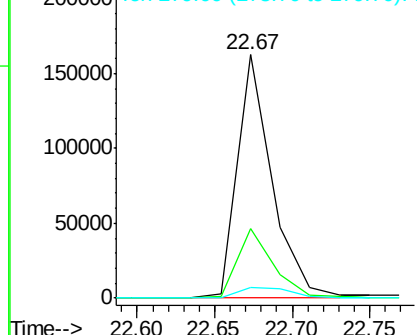
Lab File: BB058631.D

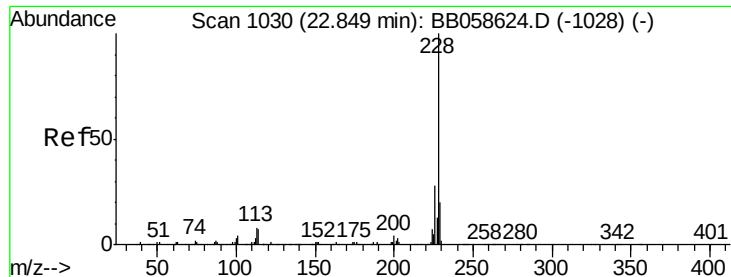
Acq: 13 Oct 2016 14:09

Tgt Ion:	149	Resp:	254754
Ion Ratio	Lower	Upper	
149	100		
167	28.7	23.2	34.8
279	4.6	4.1	6.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 2.89 ng/ul

RT: 22.83 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Instrument :

BNA_B

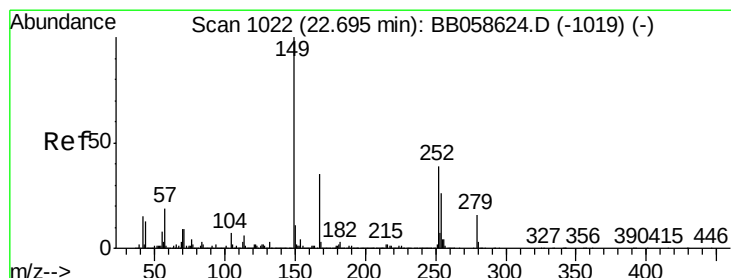
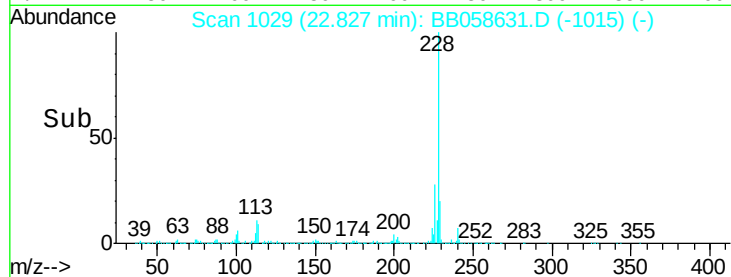
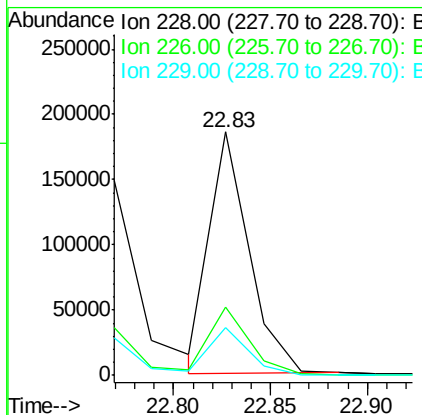
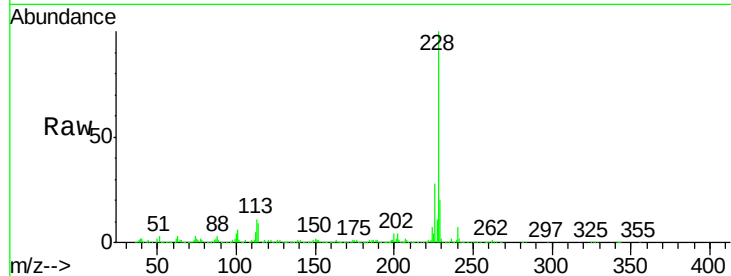
ClientSampled :

MDL-06-S

Tgt Ion:	228	Resp:	260183
Ion Ratio	Lower	Upper	
228	100		
226	27.8	23.4	35.2
229	19.8	15.5	23.3

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#84

Di-n-octyl phthalate

Concen: 3.55 ng/ul

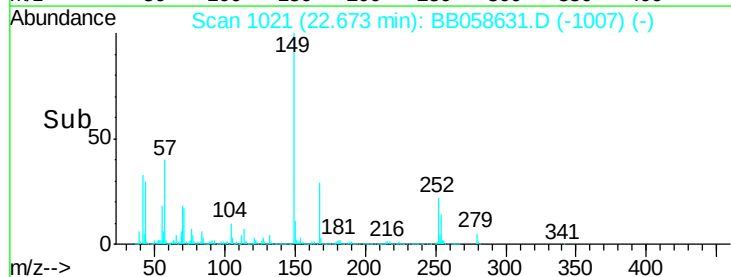
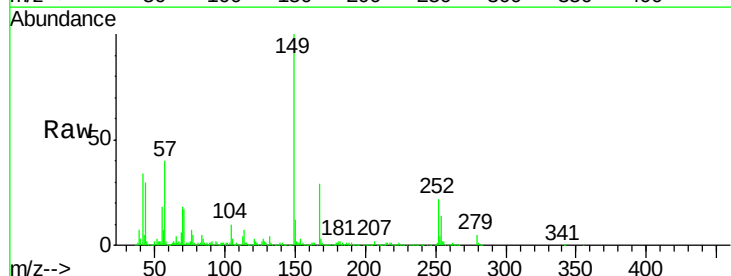
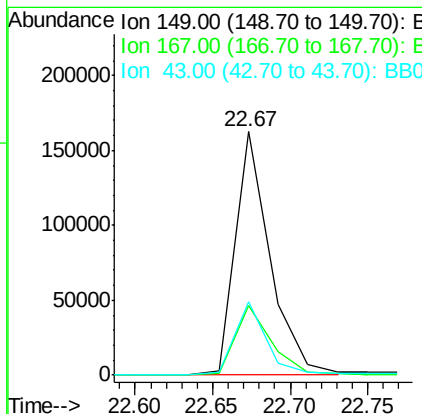
RT: 22.67 min Scan# 1021

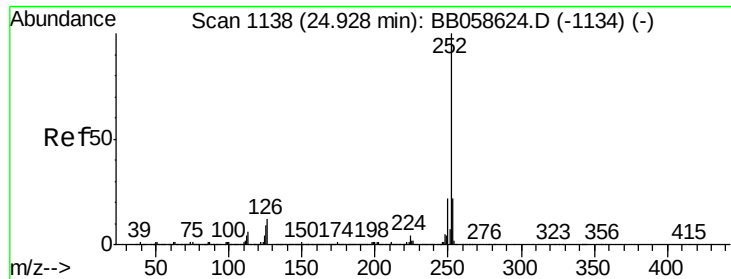
Delta R.T. -0.02 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Tgt Ion:	149	Resp:	254754
Ion Ratio	Lower	Upper	
149	100		
167	28.7	1.3	1.9#
43	30.4	6.6	10.0#





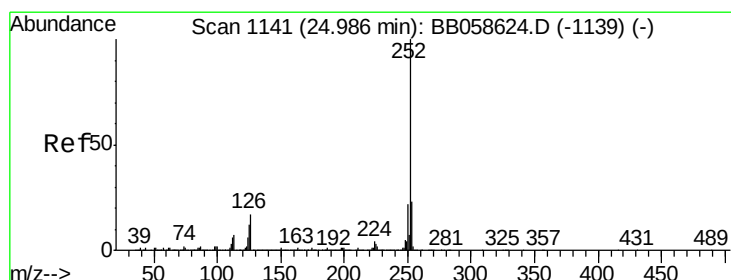
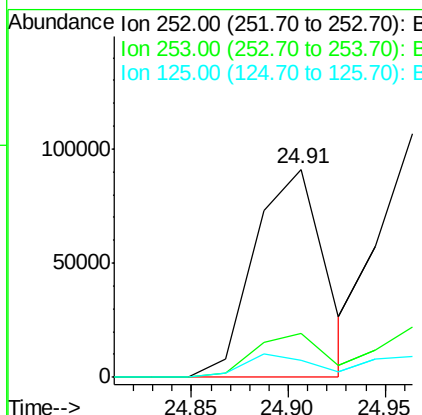
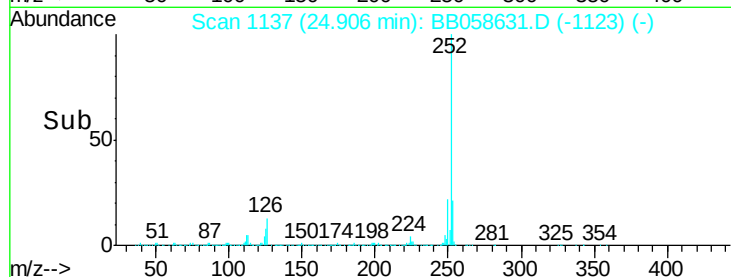
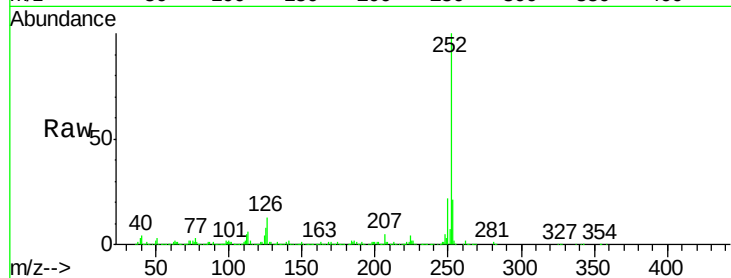
#85
Benzo(b)fluoranthene
Concen: 2.51 ng/ul
RT: 24.91 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BB058631.D
Acq: 13 Oct 2016 14:09

Instrument :
BNA_B
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	228239		
253	20.9	17.1	25.7	
125	8.4	5.8	8.8	

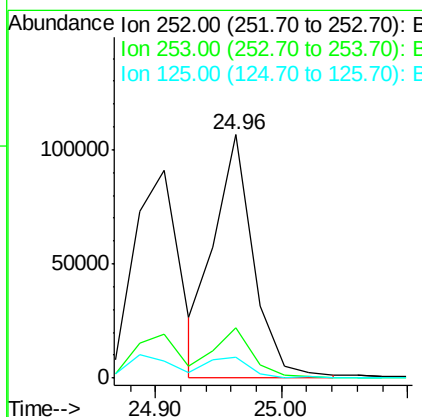
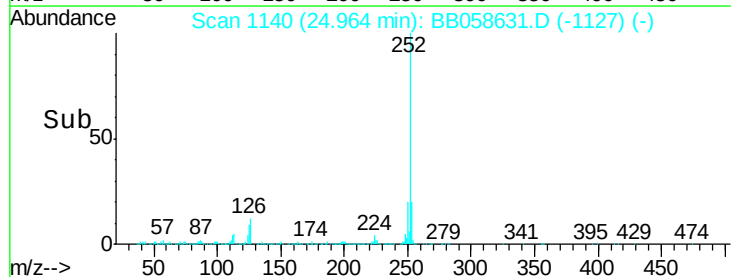
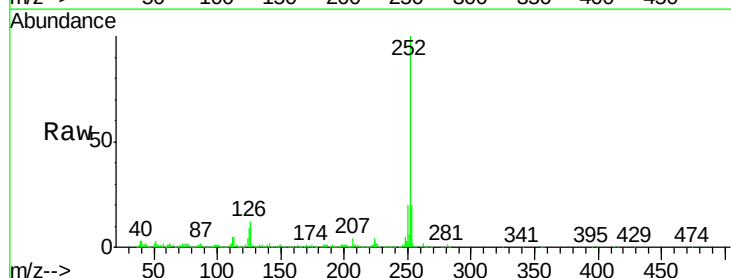
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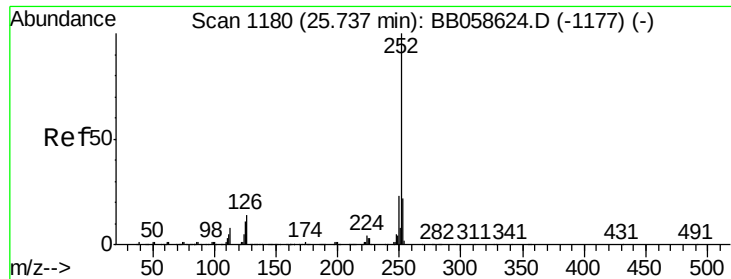
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10/13/2016 4:36:34 PM



#86
Benzo(k)fluoranthene
Concen: 3.36 ng/ul m
RT: 24.96 min Scan# 1140
Delta R.T. -0.04 min
Lab File: BB058631.D
Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	236607		
253	20.5	17.6	26.4	
125	8.8	5.7	8.5#	





#88

Benzo(a)pyrene

Concen: 2.75 ng/ul

RT: 25.72 min Scan# 1179

Delta R.T. -0.04 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Instrument :

BNA_B

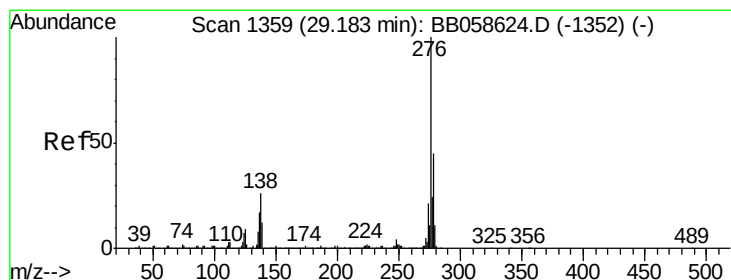
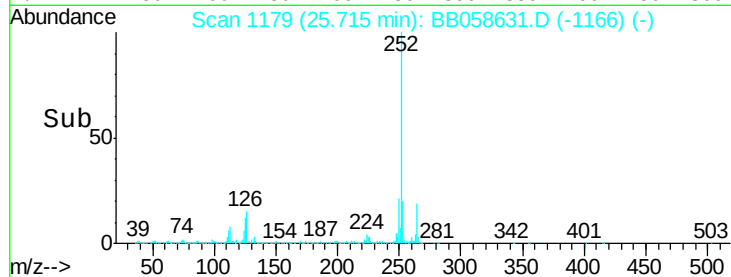
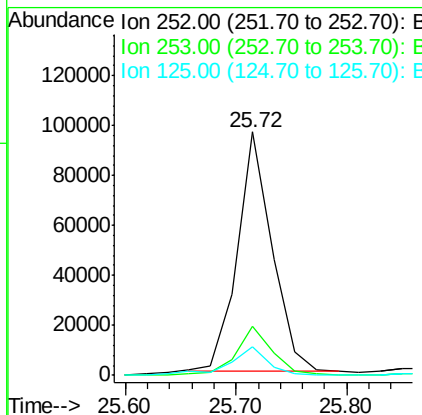
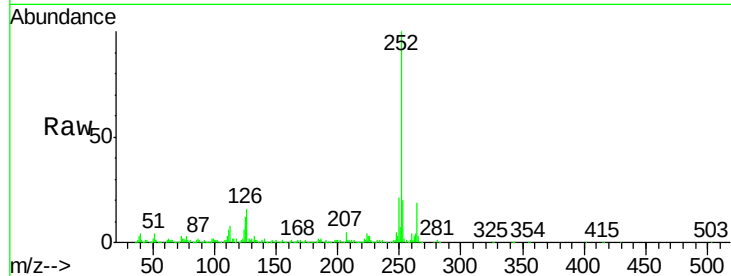
ClientSampleId :

MDL-06-S

Tgt Ion:	252	Resp:	210204
Ion Ratio		Lower	Upper
252	100		
253	20.1	17.7	26.5
125	11.7	6.6	9.8#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.24 ng/ul

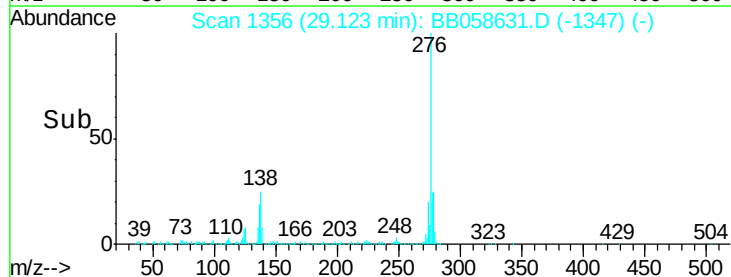
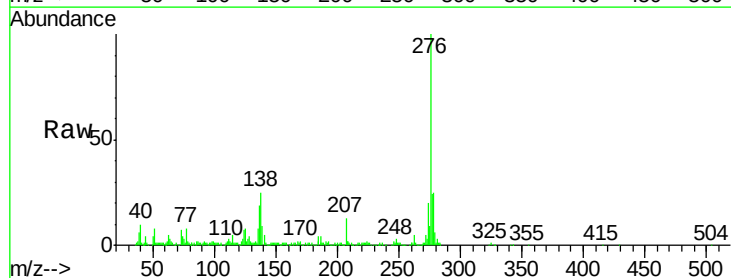
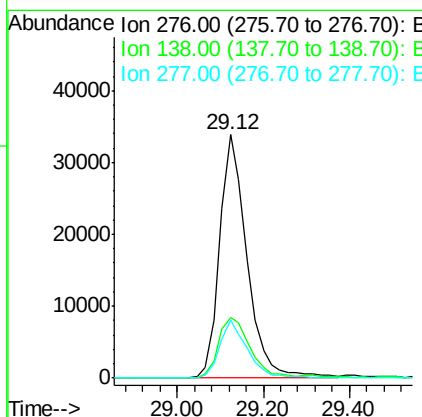
RT: 29.12 min Scan# 1356

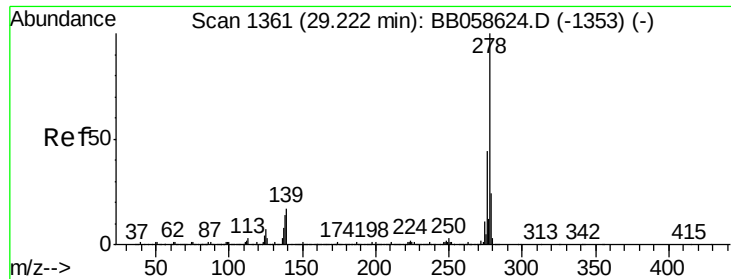
Delta R.T. -0.12 min

Lab File: BB058631.D

Acq: 13 Oct 2016 14:09

Tgt Ion:	276	Resp:	149563
Ion Ratio		Lower	Upper
276	100		
138	24.7	13.9	20.9#
277	24.0	20.1	30.1





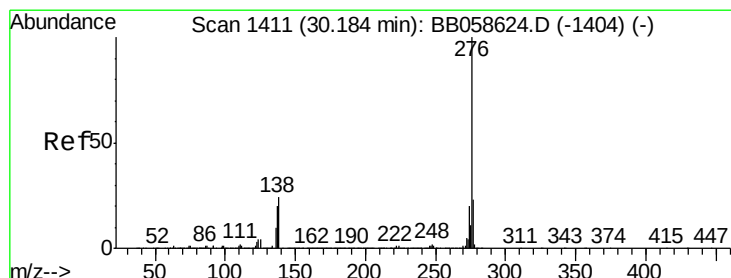
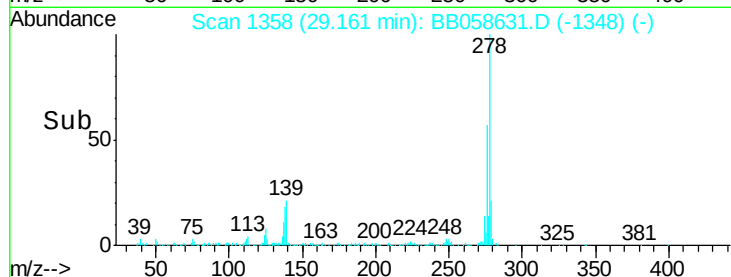
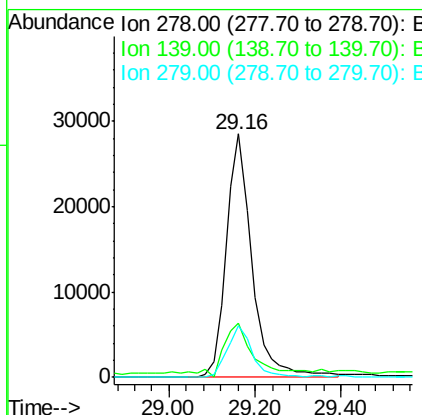
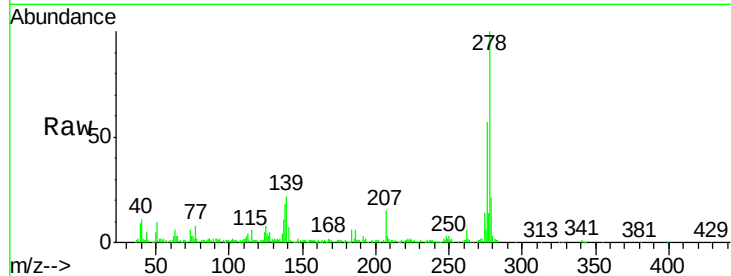
#90
Dibenzo(a,h)anthracene
Concen: 2.13 ng/ul
RT: 29.16 min Scan# 1358
Delta R.T. -0.10 min
Lab File: BB058631.D
Acq: 13 Oct 2016 14:09

Instrument :
BNA_B
ClientSampled :
MDL-06-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	9.5	14.3#
279	21.0	19.1	28.7

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#91
Benzo(g,h,i)perylene
Concen: 2.25 ng/ul
RT: 30.12 min Scan# 1408
Delta R.T. -0.12 min
Lab File: BB058631.D
Acq: 13 Oct 2016 14:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	13.5	20.3#
277	22.8	19.3	28.9

