

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101116\
 Data File : BB058604.D
 Acq On : 11 Oct 2016 12:21
 Operator : UM/SJ
 Sample : MDL-01-S
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleID :
 MDL-01-S

Manual Integrations
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Quant Time: Oct 11 14:18:50 2016
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 11 14:09:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	497679	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.62	136	1884442	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.57	164	1087789	20.00	ng/ul	-0.02
61) Phenanthrene-d10	18.42	188	1710793	20.00	ng/ul	-0.02
75) Chrysene-d12	22.79	240	1742970	20.00	ng/ul	-0.02
83) Perylene-d12	25.89	264	1426102	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.63	96	85010	7.74	ng/uL	0.00
5) Phenol-d5	7.79	99	1270760	35.15	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.95	67	900221	37.17	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	1374581	36.65	ng/ul	-0.02
13) 4-Methylphenol-d8	9.45	113	1039774	34.74	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	701314	36.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	795434	37.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.24	165	1041198	35.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1376391	38.48	ng/ul	0.00
43) Dimethylphthalate-d6	14.95	166	2584869	35.74	ng/ul	-0.02
46) Acenaphthylene-d8	15.26	160	3242438	38.01	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	564886	34.01	ng/ul	-0.02
57) Fluorene-d10	16.61	176	2309150	38.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.73	200	610731	33.62	ng/ul	-0.02
70) Anthracene-d10	18.53	188	3112196m	40.68	ng/ul	0.00
76) Pyrene-d10	20.86	212	3057312	39.92	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.70	264	2484266	38.15	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.67	88	13366	1.23 ng/uL#	73
4) Benzaldehyde	7.73	77	74045	3.18 ng/ul	85
6) Phenol	7.83	94	123729	3.45 ng/ul#	68
8) Bis(2-Chloroethyl)ether	8.04	93	104103	3.52 ng/ul#	85
10) 2-Chlorophenol	8.22	128	124668	3.49 ng/ul	94
11) 2-Methylphenol	9.16	108	95001	3.30 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	9.24	45	188242	3.62 ng/ul#	86
14) Acetophenone	9.52	105	151857	3.47 ng/ul#	75
15) N-Nitroso-di-n-propylamine	9.54	70	89518	3.46 ng/ul#	63
16) 4-Methylphenol	9.51	108	107284	3.45 ng/ul	94
17) Hexachloroethane	9.83	117	57367	3.32 ng/ul#	74
20) Nitrobenzene	9.93	77	131962	3.61 ng/ul#	93
21) Isophorone	10.49	82	245636	3.48 ng/ul	95
23) 2-Nitrophenol	10.68	139	75667	3.46 ng/ul	91
24) 2,4-Dimethylphenol	10.76	107	121982	3.40 ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.99	93	116568	3.43 ng/ul#	93
27) 2,4-Dichlorophenol	11.26	162	102713	3.45 ng/ul	89
28) Naphthalene	11.66	128	327086	3.64 ng/ul	98
30) 4-Chloroaniline	11.78	127	126233	3.72 ng/ul	98
31) Hexachlorobutadiene	12.01	225	70181	3.45 ng/ul	95
32) Caprolactam	12.59	113	29856	2.76 ng/ul	90
33) 4-Chloro-3-methylphenol	12.95	107	98192	3.31 ng/ul#	82
34) 2-Methylnaphthalene	13.34	142	222302	3.59 ng/ul	99

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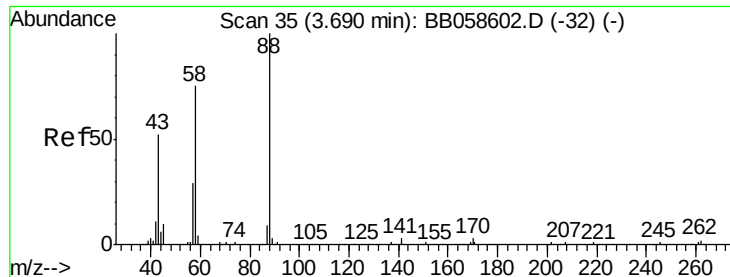
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 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	118336	3.54	ng/ul#	96
37) Hexachlorocyclopentadiene	13.72	237	45617	2.16	ng/ul	97
38) 2,4,6-Trichlorophenol	13.95	196	68788	3.39	ng/ul	94
39) 2,4,5-Trichlorophenol	14.03	196	72115	3.35	ng/ul	97
40) 1,1'-Biphenyl	14.36	154	263412	3.61	ng/ul	99
41) 2-Chloronaphthalene	14.40	162	199716	3.44	ng/ul	92
42) 2-Nitroaniline	14.59	65	73407	3.29	ng/ul#	83
44) Dimethylphthalate	14.99	163	253752	3.51	ng/ul#	97
45) 2,6-Dinitrotoluene	15.11	165	61727	3.38	ng/ul	97
47) Acenaphthylene	15.28	152	330187	3.99	ng/ul	99
48) 3-Nitroaniline	14.59	138	75624	3.16	ng/ul#	46
49) Acenaphthene	15.65	153	199788	3.52	ng/ul	92
50) 2,4-Dinitrophenol	15.67	184	23280	1.79	ng/ul	91
52) 4-Nitrophenol	15.78	109	44331	3.28	ng/ul#	67
53) Dibenzofuran	15.97	168	287906	3.56	ng/ul#	84
54) 2,4-Dinitrotoluene	15.92	165	83290	3.27	ng/ul#	47
55) 2,3,4,6-Tetrachlorophenol	16.22	232	61034	3.24	ng/ul#	77
56) Diethylphthalate	16.42	149	290711	3.87	ng/ul	95
58) Fluorene	16.67	166	223770	3.40	ng/ul	89
59) 4-Chlorophenyl-phenylether	16.65	204	127632	3.61	ng/ul	99
60) 4-Nitroaniline	16.65	138	36004	1.91	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.73	198	51011	2.81	ng/ul#	1
64) N-Nitrosodiphenylamine	16.86	169	201350	3.65	ng/ul	93
65) 4-Bromophenyl-phenylether	17.57	248	73576	3.36	ng/ul#	87
66) Hexachlorobenzene	17.73	284	71431	3.25	ng/ul#	69
67) Atrazine	17.84	200	70294	3.34	ng/ul	90
68) Pentachlorophenol	18.07	266	41362	2.66	ng/ul	96
69) Phenanthrene	18.46	178	321348	3.77	ng/ul	100
71) Anthracene	18.55	178	313790	3.61	ng/ul	99
72) Carbazole	18.82	167	278082	3.83	ng/ul#	97
73) Di-n-butylphthalate	19.42	149	445105	3.75	ng/ul	97
74) Fluoranthene	20.52	202	356226	4.11	ng/ul#	95
77) Pyrene	20.90	202	356572	3.91	ng/ul#	92
78) Butylbenzylphthalate	21.79	149	186598	3.16	ng/ul#	71
79) 3,3'-Dichlorobenzidine	22.67	252	55602	1.81	ng/ul#	98
80) Benzo(a)anthracene	22.77	228	333701	3.76	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	22.69	149	267667	3.41	ng/ul#	96
82) Chrysene	22.83	228	295082	3.55	ng/ul	98
84) Di-n-octyl phthalate	22.69	149	267667	3.61	ng/ul#	64
85) Benzo(b)fluoranthene	24.91	252	291763m	3.10	ng/ul	
86) Benzo(k)fluoranthene	24.98	252	257257	3.52	ng/ul	99
88) Benzo(a)pyrene	25.74	252	262194	3.31	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.20	276	205366	2.97	ng/ul#	91
90) Dibenzo(a,h)anthracene	29.24	278	167010	2.91	ng/ul#	91
91) Benzo(g,h,i)perylene	30.20	276	169040	3.09	ng/ul#	92

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



#2

1,4-Dioxane

Concen: 1.23 ng/uL

RT: 3.67 min Scan# 34

Delta R.T. -0.02 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Instrument :

BNA_B

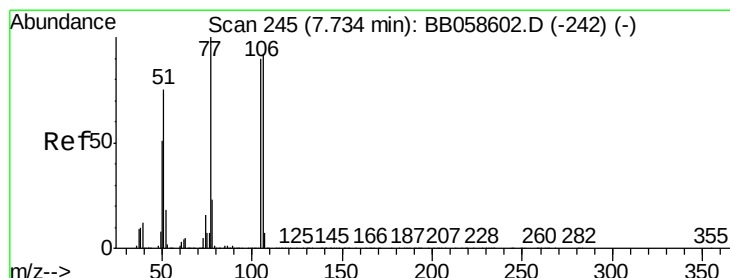
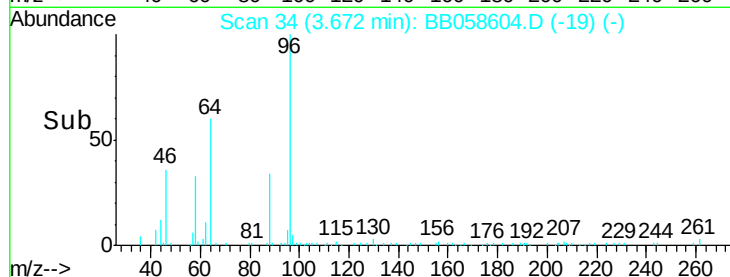
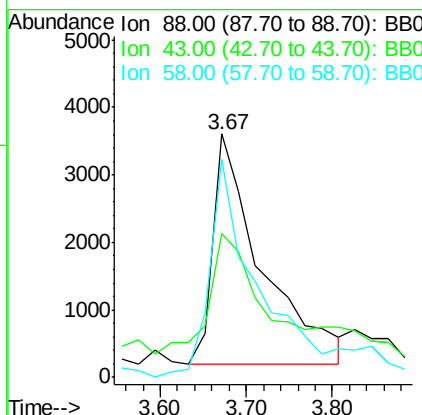
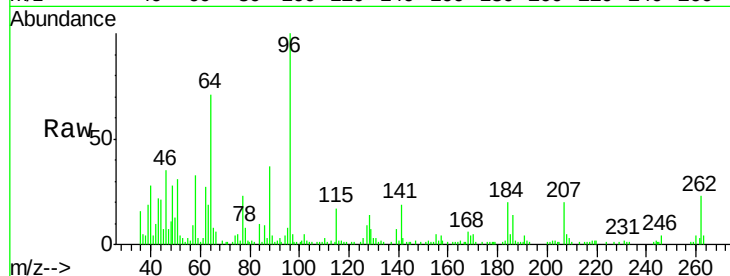
ClientSampled :

MDL-01-S

Tgt Ion:	88	Resp:	13366
Ion Ratio	Lower	Upper	
88	100		
43	54.5	22.6	34.0#
58	86.8	57.3	85.9#

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#4

Benzaldehyde

Concen: 3.18 ng/uL

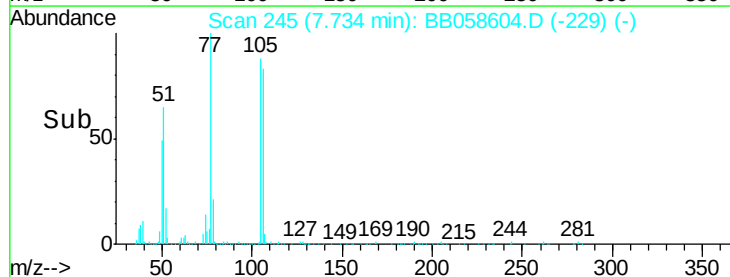
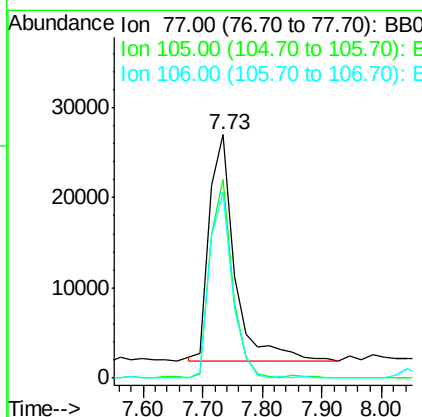
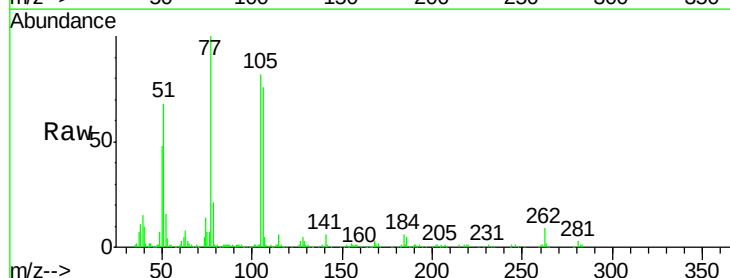
RT: 7.73 min Scan# 245

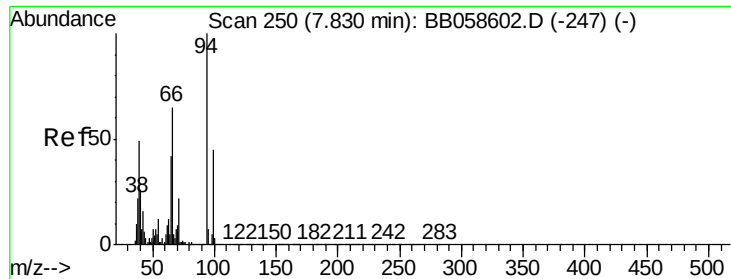
Delta R.T. 0.00 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Tgt Ion:	77	Resp:	74045
Ion Ratio	Lower	Upper	
77	100		
105	81.6	76.9	115.3
106	76.4	71.8	107.8





#6

Phenol

Concen: 3.45 ng/ul

RT: 7.83 min Scan# 250

Delta R.T. 0.00 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Instrument :

BNA_B

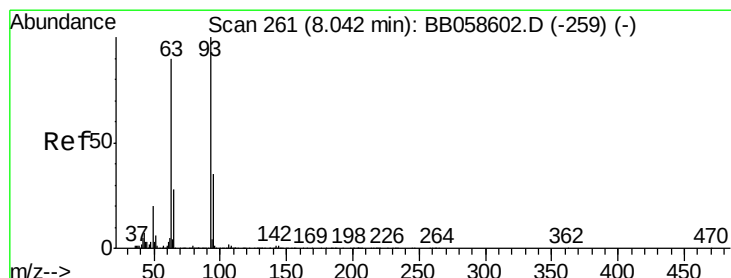
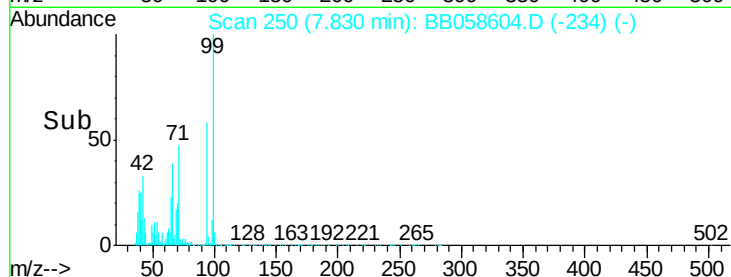
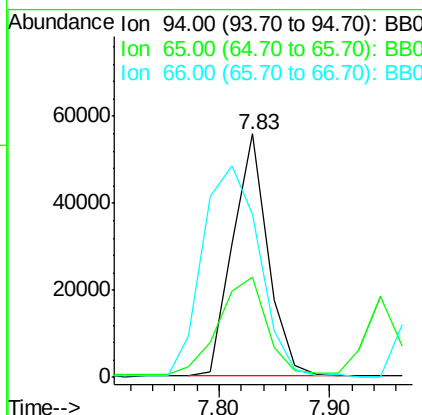
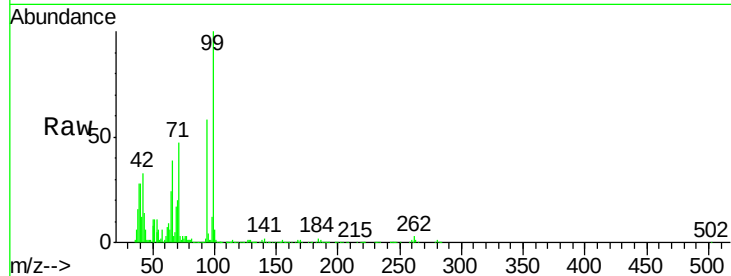
ClientSampleId :

MDL-01-S

Tgt Ion:	94	Resp:	123729
Ion Ratio	Lower	Upper	
94	100		
65	41.3	23.9	35.9#
66	67.1	33.5	50.3#

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#8

Bis(2-Chloroethyl)ether

Concen: 3.52 ng/ul

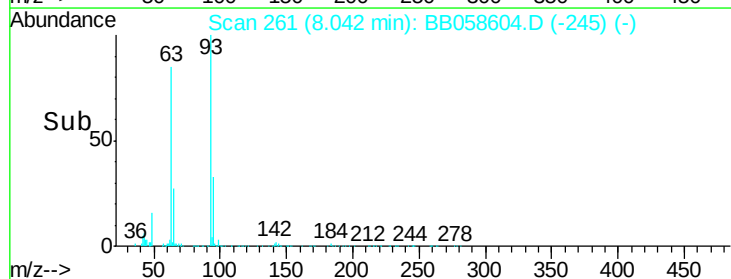
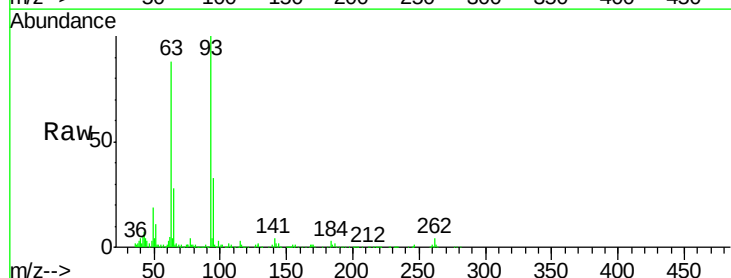
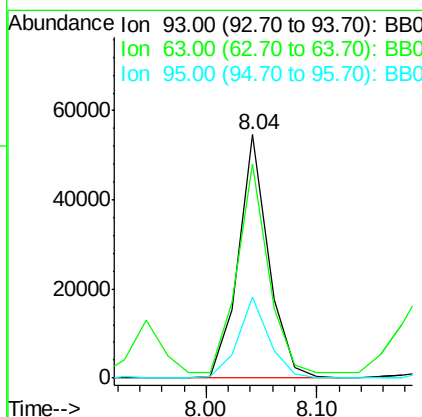
RT: 8.04 min Scan# 261

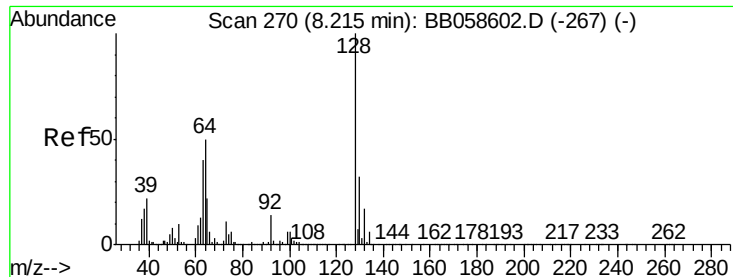
Delta R.T. 0.00 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Tgt Ion:	93	Resp:	104103
Ion Ratio	Lower	Upper	
93	100		
63	88.1	57.3	85.9#
95	33.4	25.1	37.7





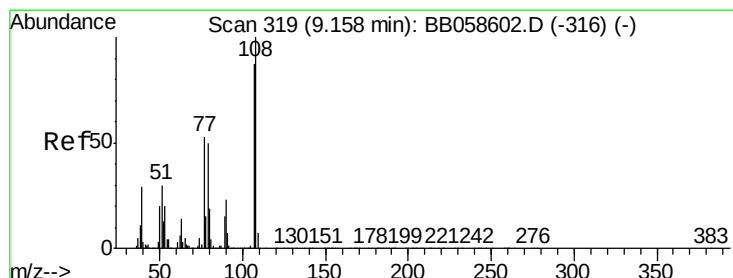
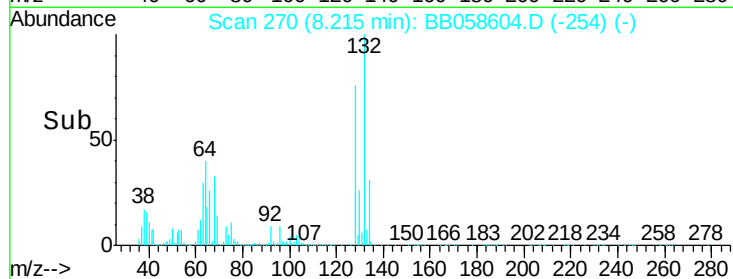
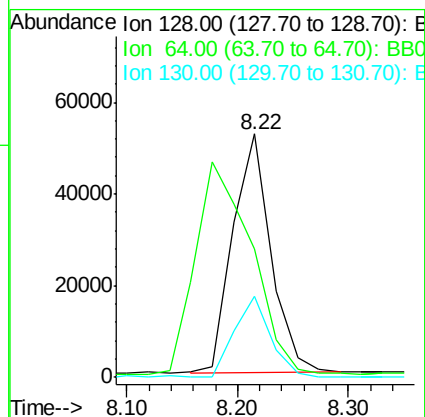
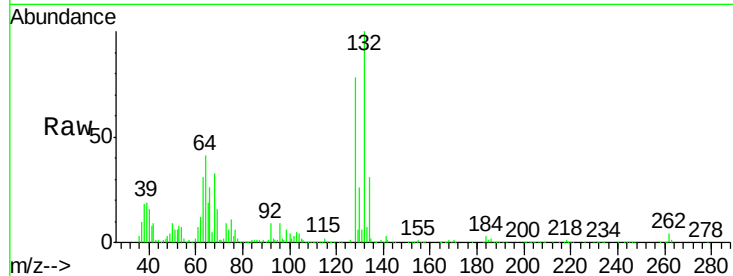
#10
2-Chlorophenol
Concen: 3.49 ng/ul
RT: 8.22 min Scan# 270
Delta R.T. 0.00 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	124668		
64	52.6	37.5	56.3	
130	33.1	25.0	37.4	

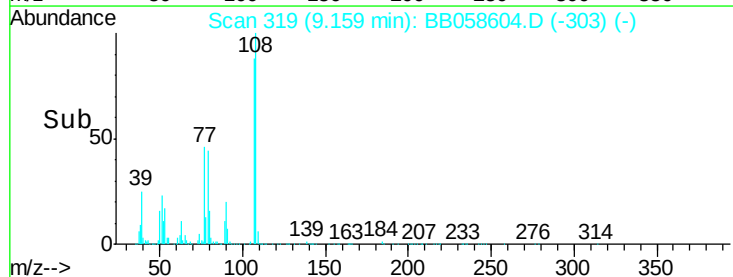
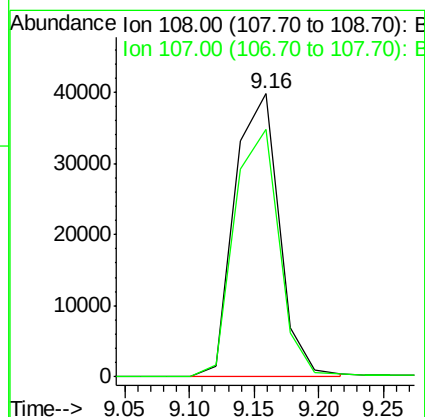
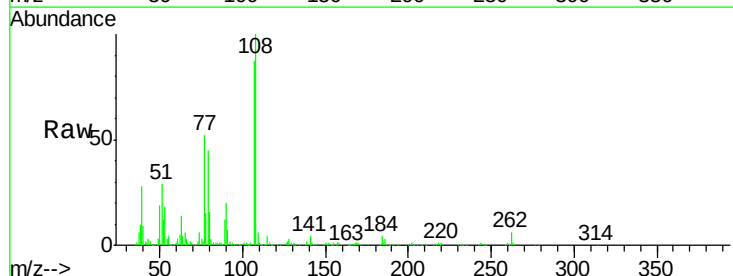
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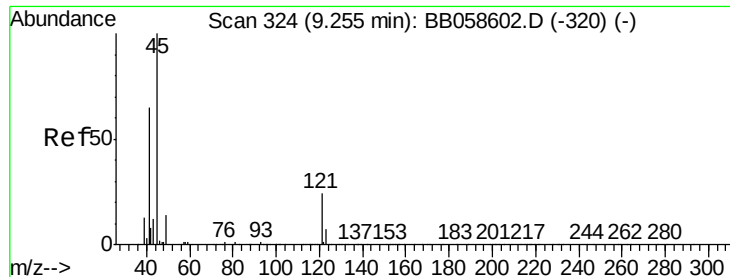
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#11
2-Methylphenol
Concen: 3.30 ng/ul
RT: 9.16 min Scan# 319
Delta R.T. 0.00 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	95001		
107	87.3	71.8	107.6	





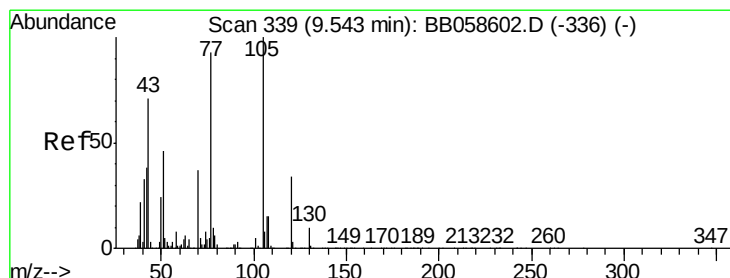
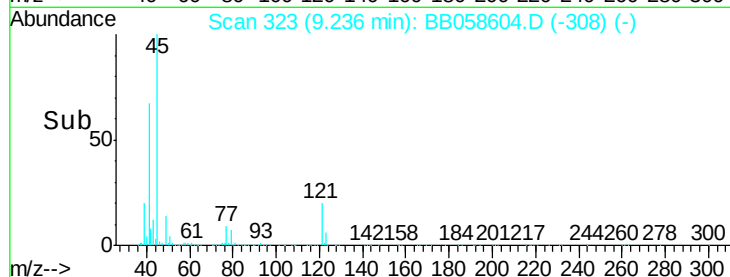
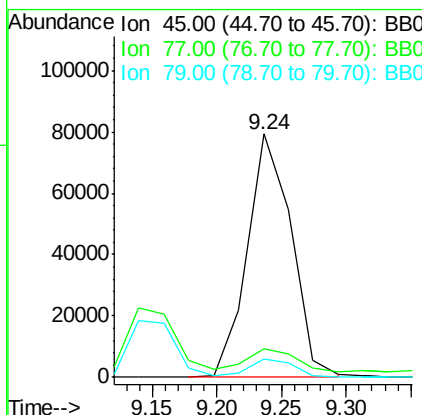
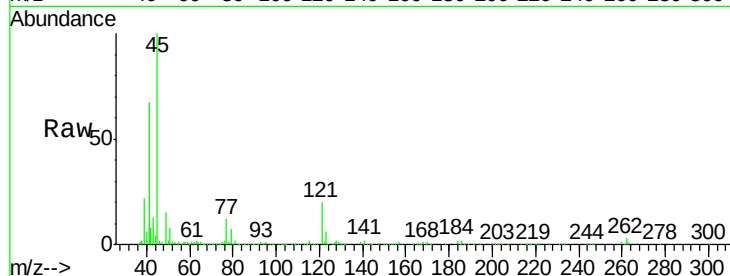
#12
2,2'-oxybis(1-chloropropane)
Concen: 3.62 ng/ul
RT: 9.24 min Scan# 323
Delta R.T. -0.02 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Instrument :
BNA_B
Client Sampled :
MDL-01-S

Tgt Ion	Ratio	Resp Lower	Upper
45	100		
77	11.7	14.1	21.1#
79	7.4	10.4	15.6#

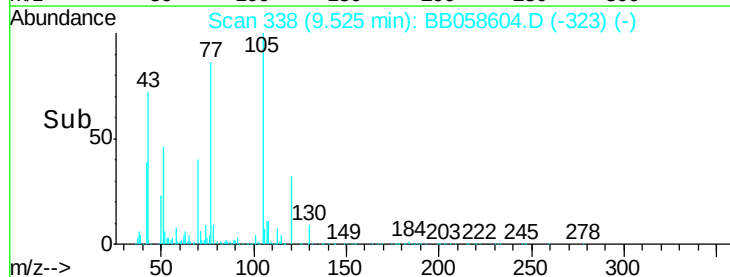
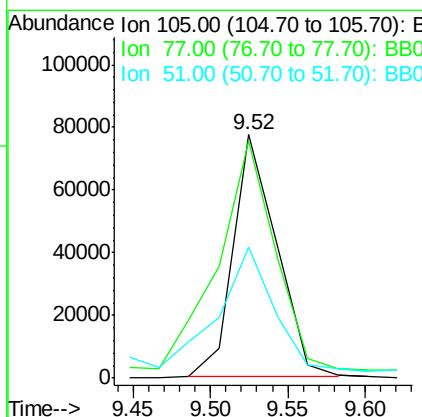
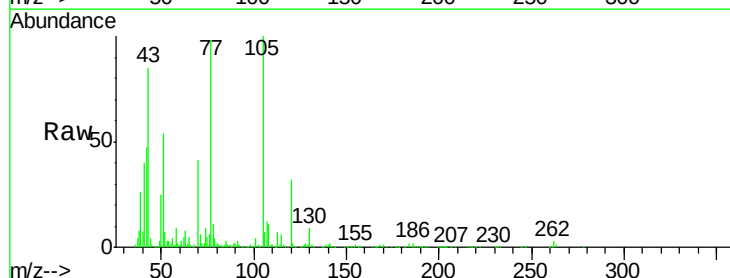
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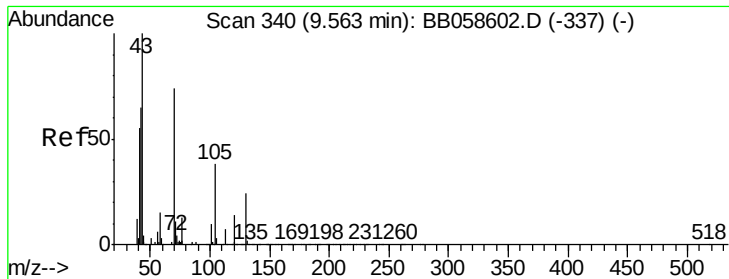
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#14
Acetophenone
Concen: 3.47 ng/ul
RT: 9.52 min Scan# 338
Delta R.T. -0.02 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
77	97.6	65.9	98.9
51	53.7	22.2	33.2#





#15

N-Nitroso-di-n-propylamine

Concen: 3.46 ng/ul

RT: 9.54 min Scan# 339

Delta R.T. -0.02 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Instrument :

BNA_B

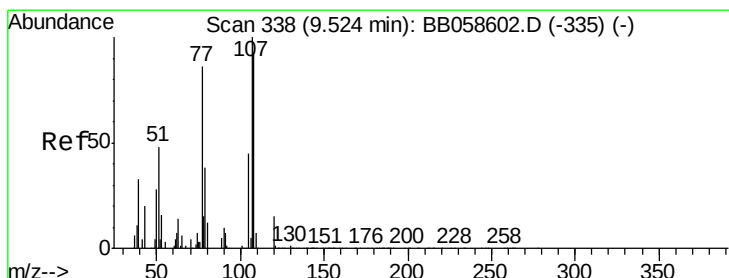
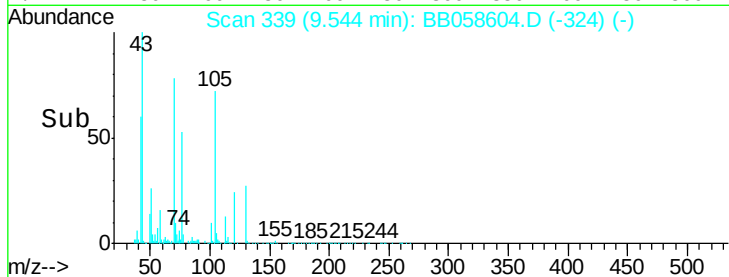
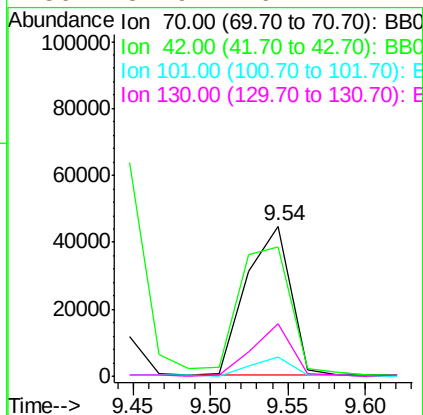
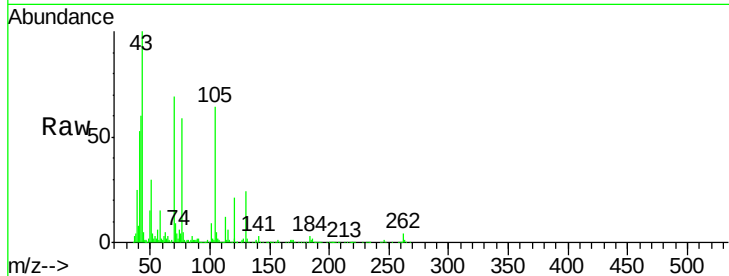
ClientSampled :

MDL-01-S

Tgt Ion	Ratio	Lower	Upper
70	100		
42	86.1	43.4	65.2#
101	12.8	7.8	11.6#
130	34.9	16.2	24.4#

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#16

4-Methylphenol

Concen: 3.45 ng/ul

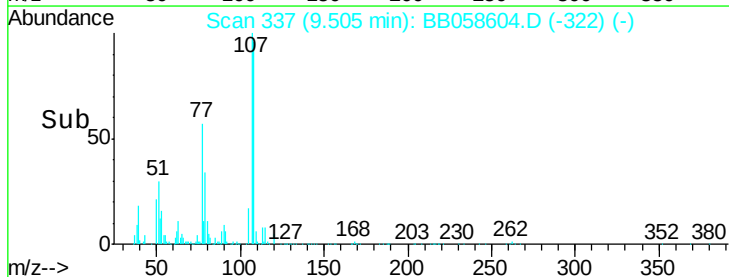
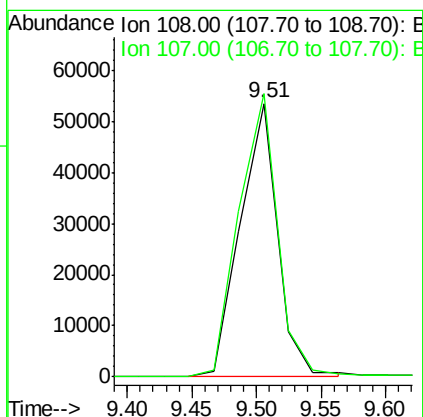
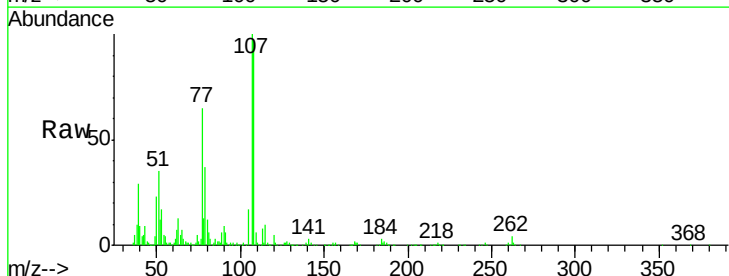
RT: 9.51 min Scan# 337

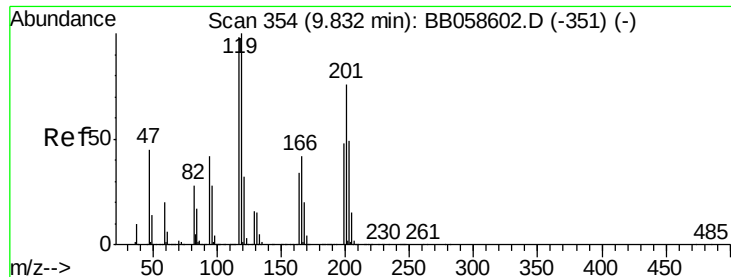
Delta R.T. -0.02 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Lower	Upper
108	100		
107	103.6	87.8	131.8





#17

Hexachloroethane

Concen: 3.32 ng/ul

RT: 9.83 min Scan# 354

Delta R.T. 0.00 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Instrument :

BNA_B

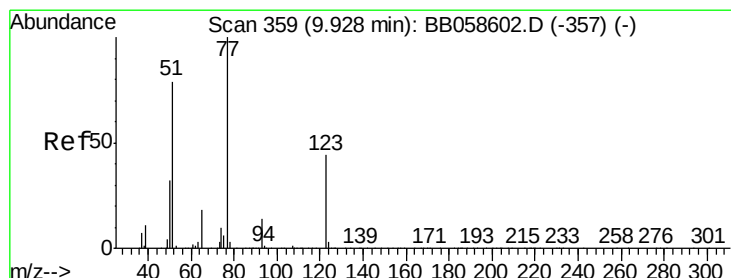
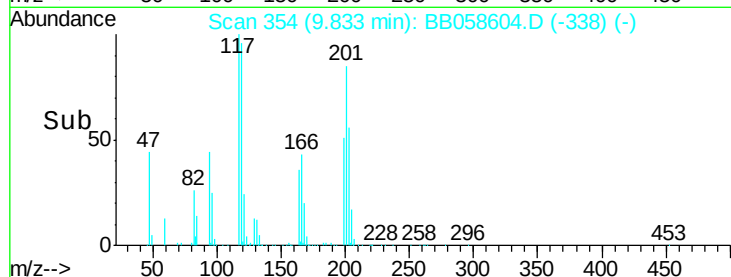
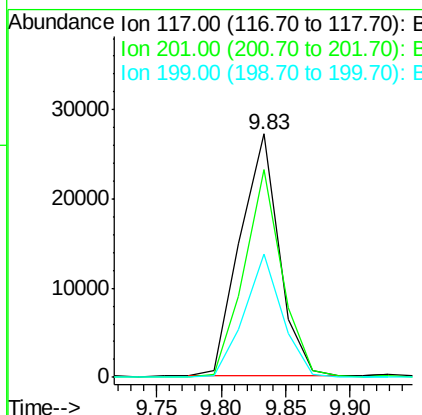
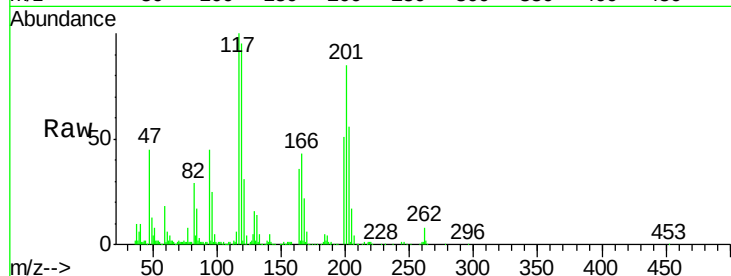
ClientSampleId :

MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	57367		
201	85.4	90.3	135.5#	
199	50.6	58.5	87.7#	

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#20

Nitrobenzene

Concen: 3.61 ng/ul

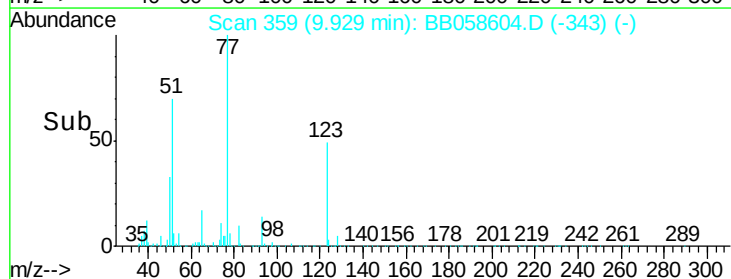
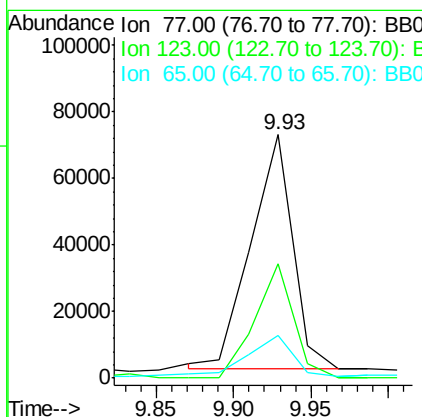
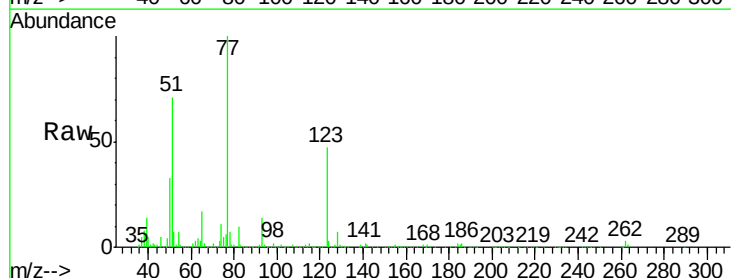
RT: 9.93 min Scan# 359

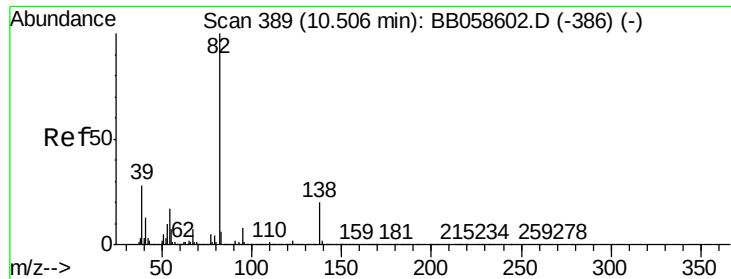
Delta R.T. 0.00 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	131962		
123	46.9	34.2	51.4	
65	17.4	11.0	16.6#	





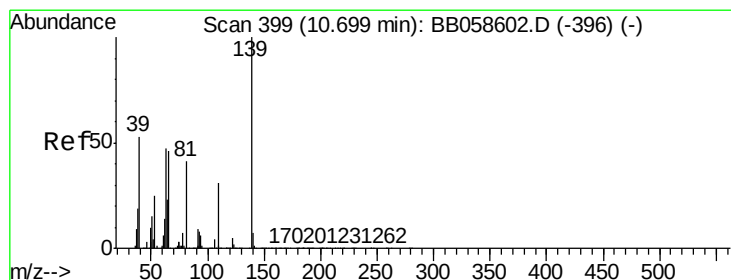
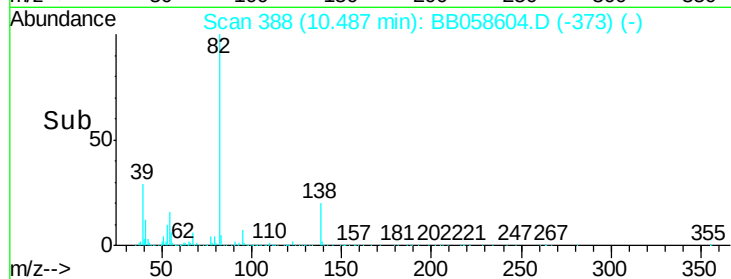
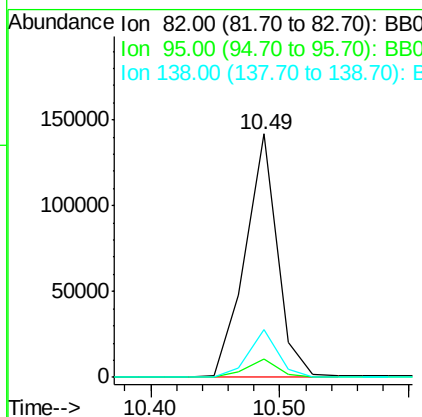
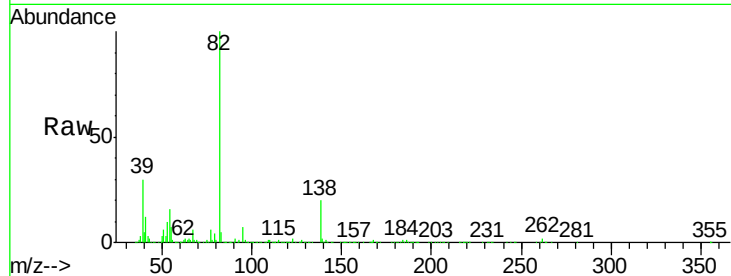
#21
Isophorone
Concen: 3.48 ng/ul
RT: 10.49 min Scan# 388
Delta R.T. -0.02 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
95	7.4	6.9	10.3
138	19.7	13.8	20.8

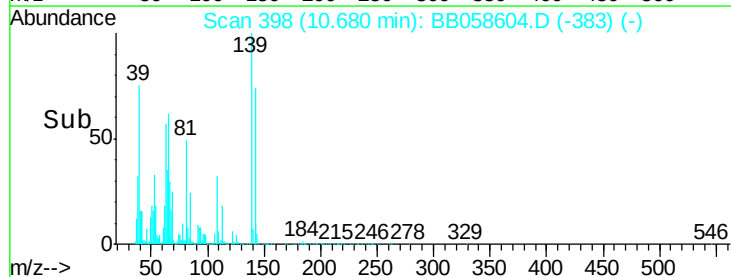
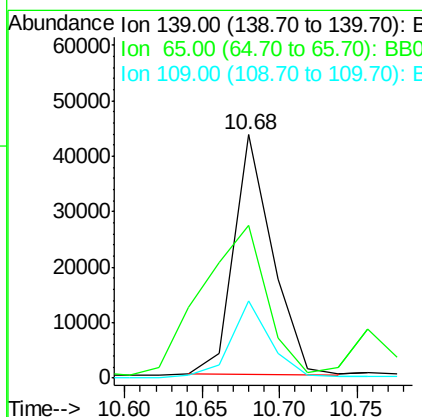
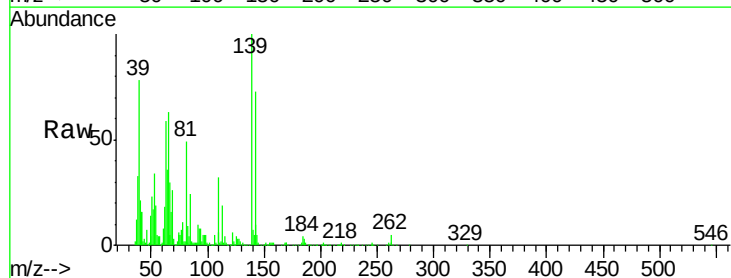
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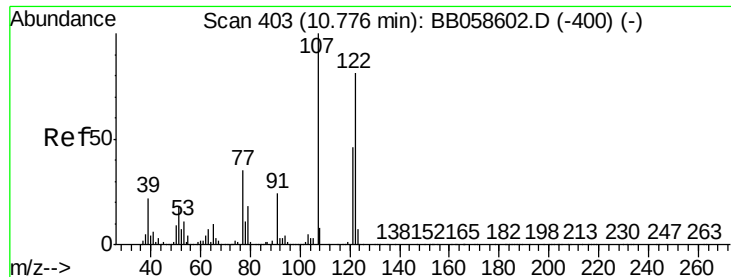
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#23
2-Nitrophenol
Concen: 3.46 ng/ul
RT: 10.68 min Scan# 398
Delta R.T. -0.02 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
65	62.6	44.2	66.4
109	31.6	28.2	42.4





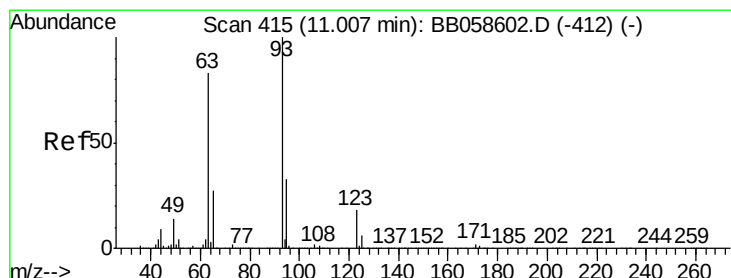
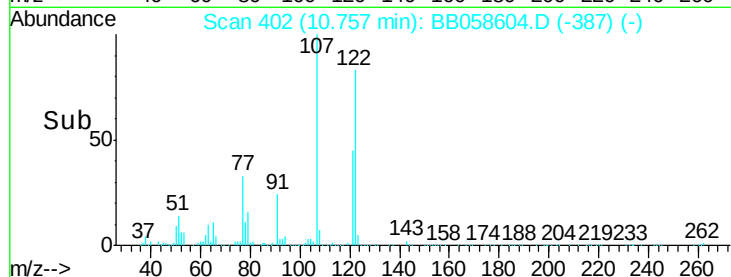
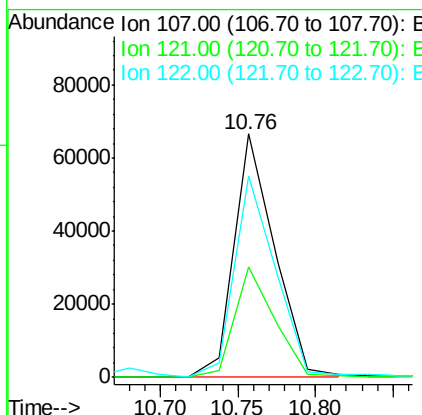
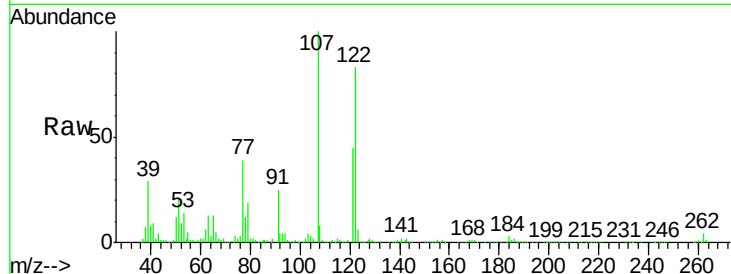
#24
2,4-Dimethylphenol
Concen: 3.40 ng/ul
RT: 10.76 min Scan# 402
Delta R.T. -0.02 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
121	45.3	37.1	55.7
122	82.8	62.8	94.2

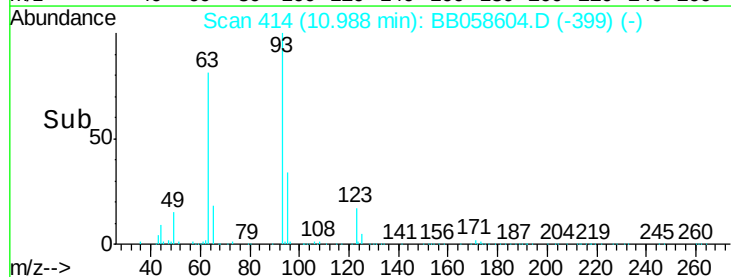
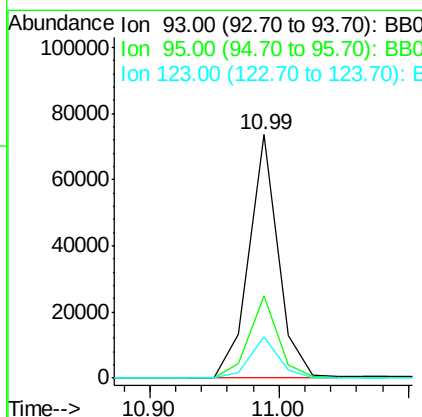
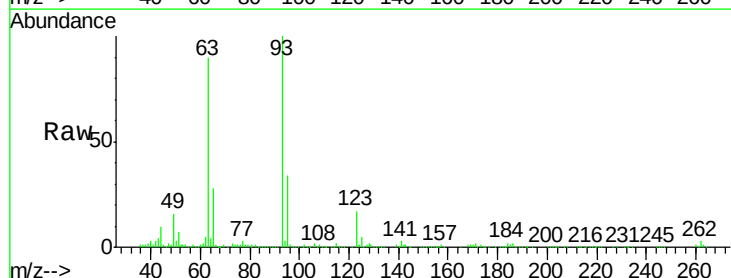
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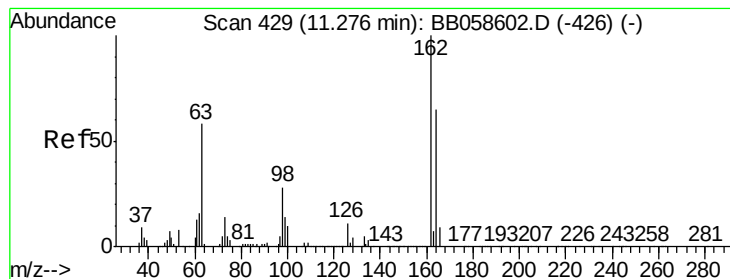
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#25
Bis(2-Chloroethoxy)methane
Concen: 3.43 ng/ul
RT: 10.99 min Scan# 414
Delta R.T. -0.02 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	33.7	25.4	38.0
123	17.0	8.3	12.5





#27

2,4-Dichlorophenol

Concen: 3.45 ng/ul

RT: 11.26 min Scan# 428

Delta R.T. -0.02 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Instrument :

BNA_B

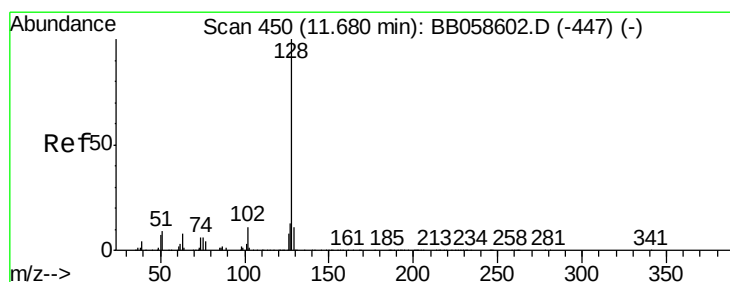
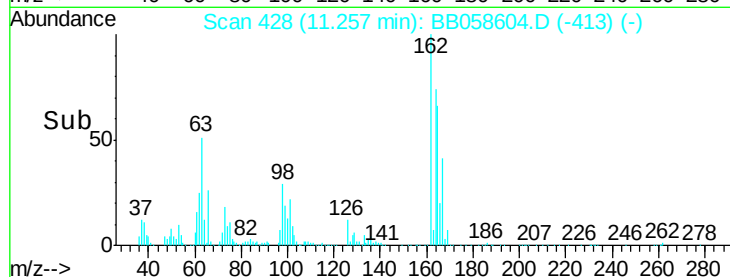
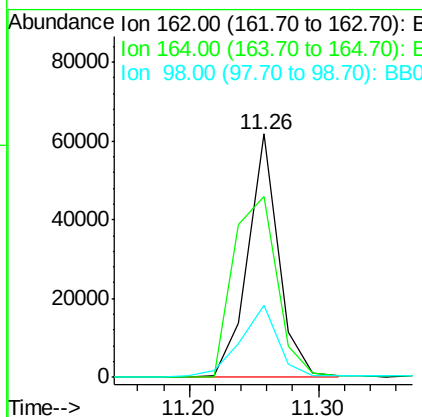
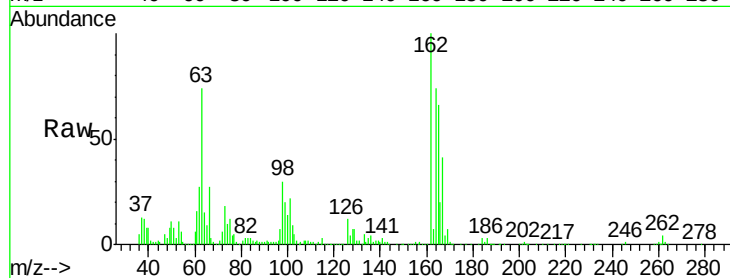
ClientSampleId :

MDL-01-S

Tgt Ion:	162	Resp:	102713
Ion Ratio		Lower	Upper
162	100		
164	74.0	51.6	77.4
98	29.7	28.4	42.6

Manual Integrations
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#28

Naphthalene

Concen: 3.64 ng/ul

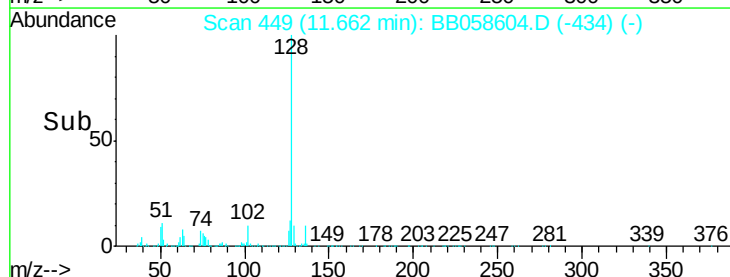
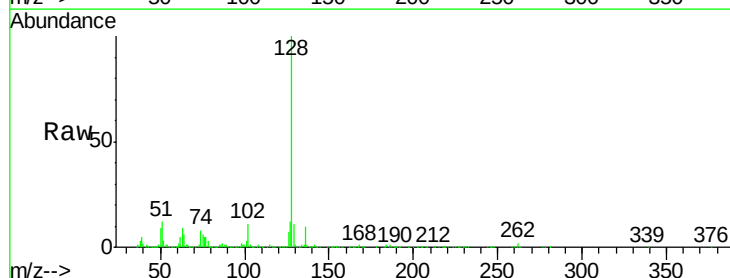
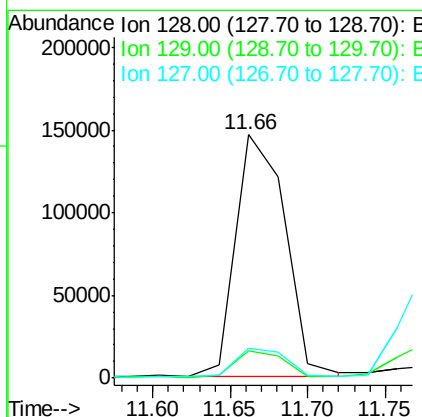
RT: 11.66 min Scan# 449

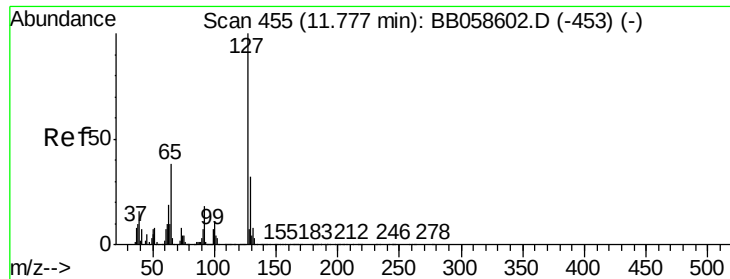
Delta R.T. -0.02 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Tgt Ion:	128	Resp:	327086
Ion Ratio		Lower	Upper
128	100		
129	11.1	8.6	12.8
127	12.2	10.6	15.8





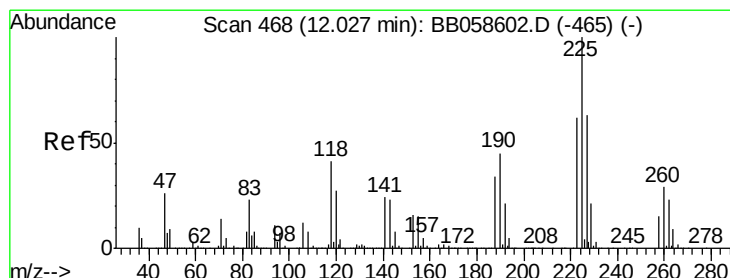
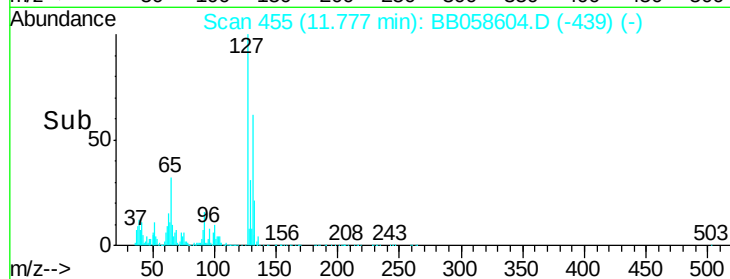
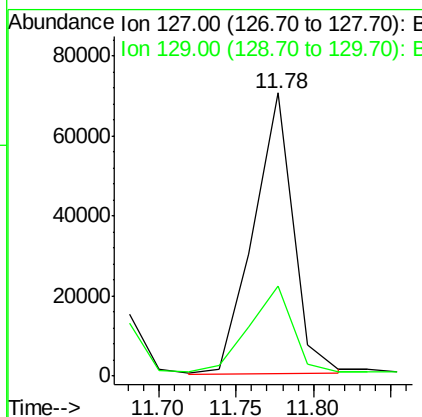
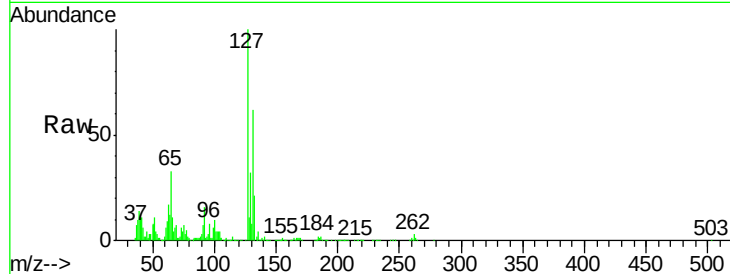
#30
4-Chloroaniline
Concen: 3.72 ng/ul
RT: 11.78 min Scan# 455
Delta R.T. 0.00 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion:127 Resp: 126233
Ion Ratio Lower Upper
127 100
129 31.7 24.6 37.0

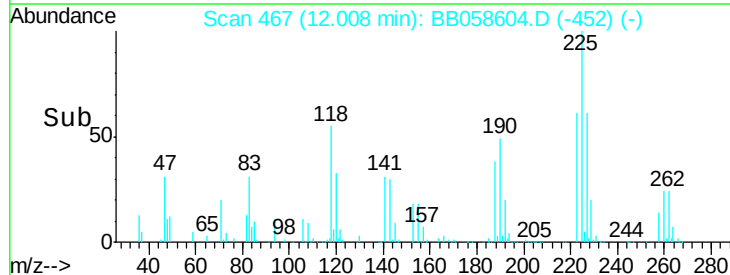
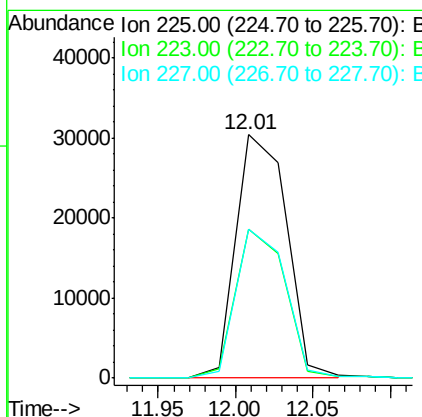
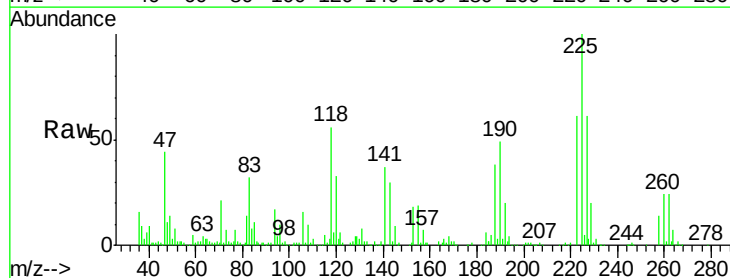
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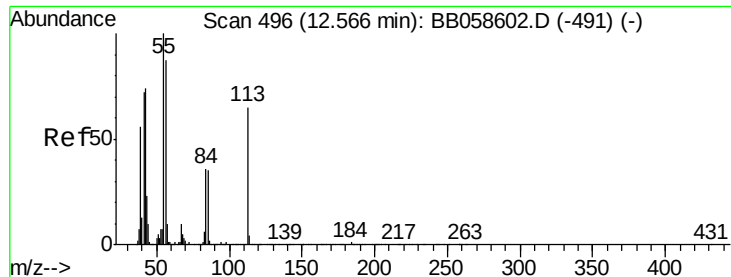
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#31
Hexachlorobutadiene
Concen: 3.45 ng/ul
RT: 12.01 min Scan# 467
Delta R.T. -0.02 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Tgt Ion:225 Resp: 70181
Ion Ratio Lower Upper
225 100
223 61.3 51.2 76.8
227 61.1 52.5 78.7





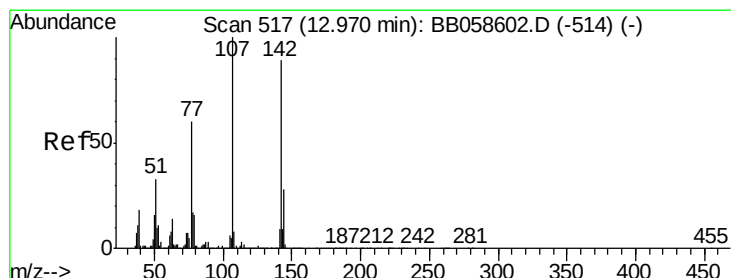
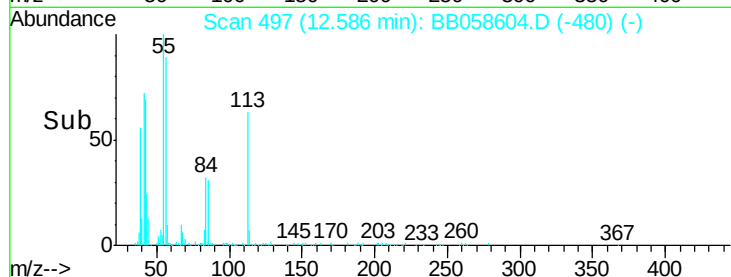
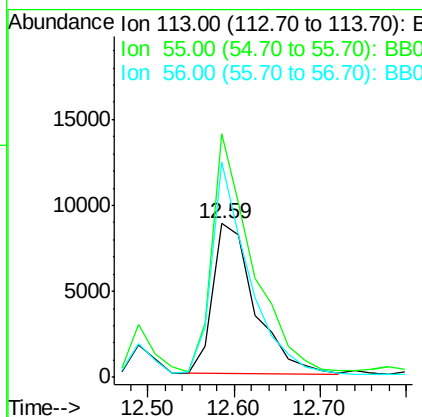
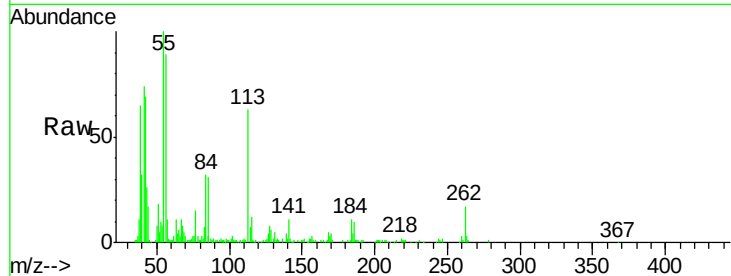
#32
 Caprolactam
 Concen: 2.76 ng/ul
 RT: 12.59 min Scan# 497
 Delta R.T. 0.02 min
 Lab File: BB058604.D
 Acq: 11 Oct 2016 12:21

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	29856		
55	158.3	121.9	182.9	
56	140.4	97.4	146.0	

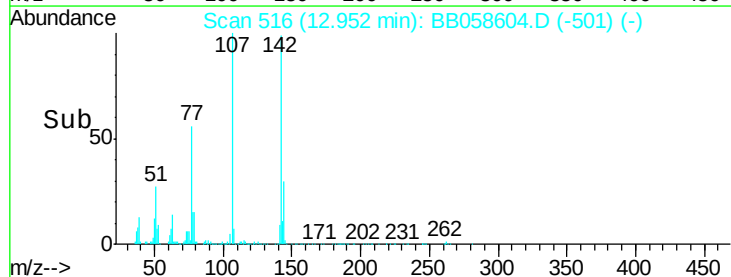
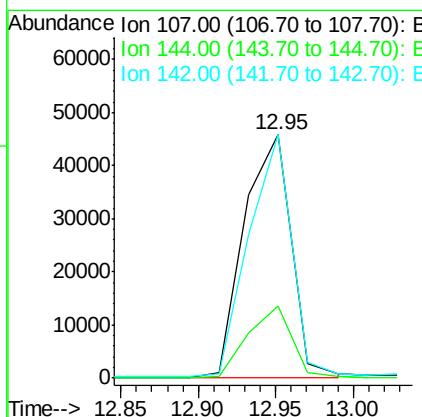
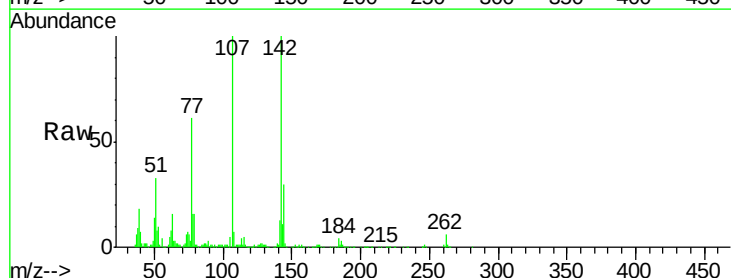
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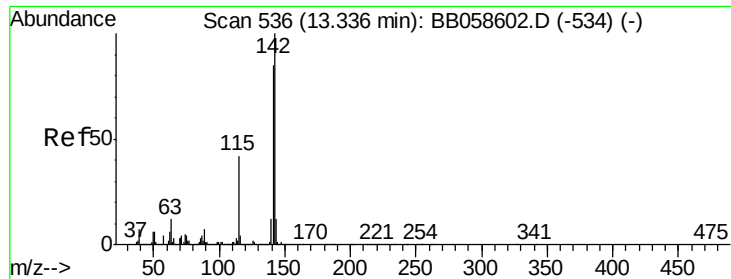
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#33
 4-Chloro-3-methylphenol
 Concen: 3.31 ng/ul
 RT: 12.95 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BB058604.D
 Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	98192		
144	29.8	21.1	31.7	
142	99.9	64.1	96.1#	





#34

2-Methylnaphthalene

Concen: 3.59 ng/ul

RT: 13.34 min Scan# 536

Delta R.T. 0.00 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Instrument :

BNA_B

ClientSampleId :

MDL-01-S

Tgt Ion:142 Resp: 222302

Ion Ratio Lower Upper

142 100

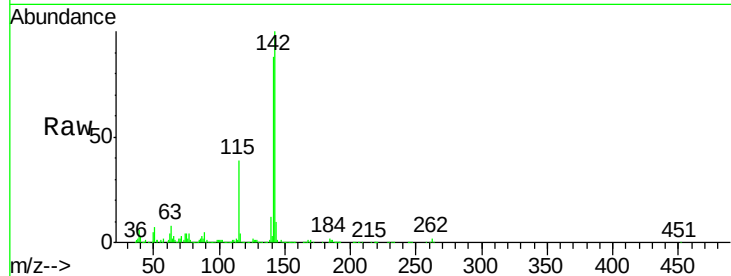
141 88.2 71.3 106.9

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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

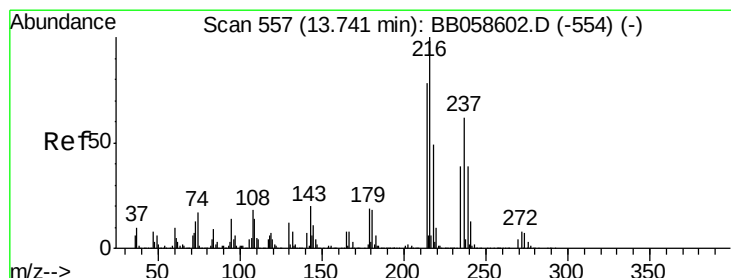
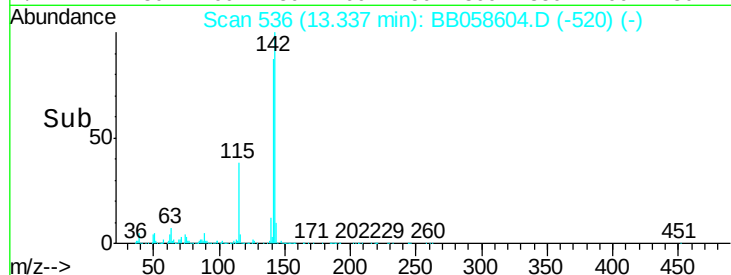
40000

20000

0

13.25 13.30 13.35 13.40

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 3.54 ng/ul

RT: 13.72 min Scan# 556

Delta R.T. -0.02 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Tgt Ion:216 Resp: 118336

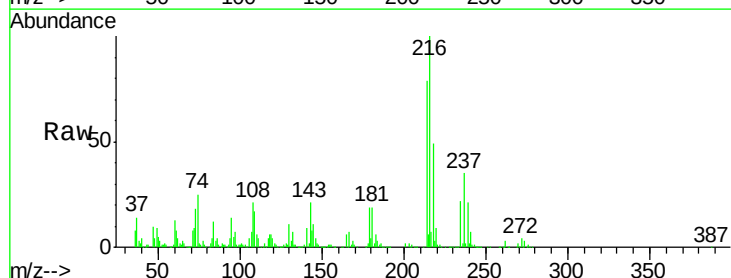
Ion Ratio Lower Upper

216 100

214 79.4 64.8 97.2

179 18.7 16.7 25.1

108 21.5 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

100000

80000

60000

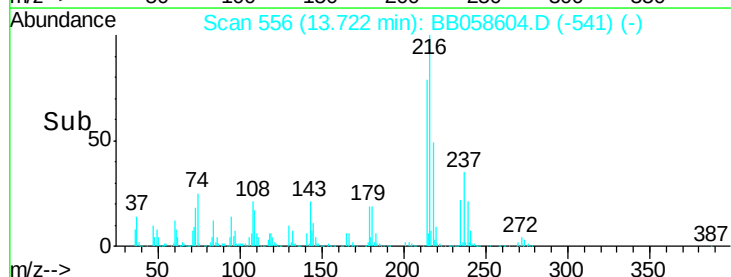
40000

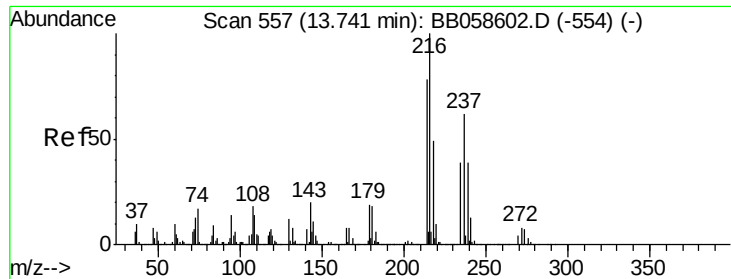
20000

0

13.65 13.70 13.75 13.80

Time-->





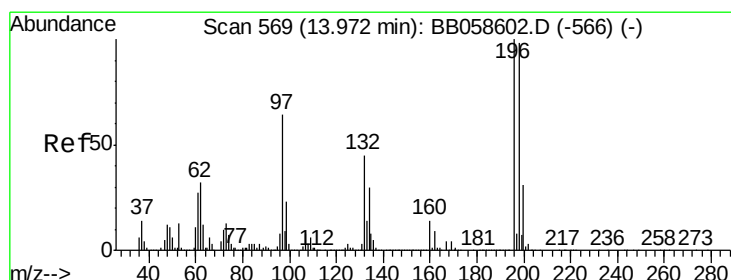
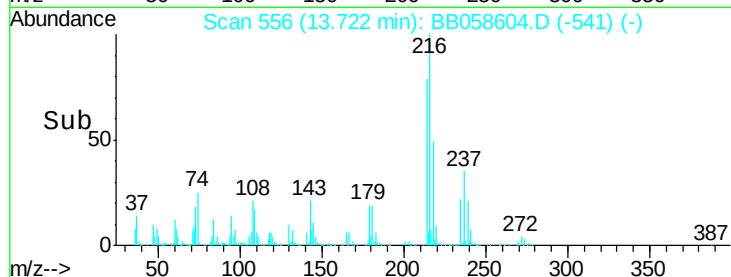
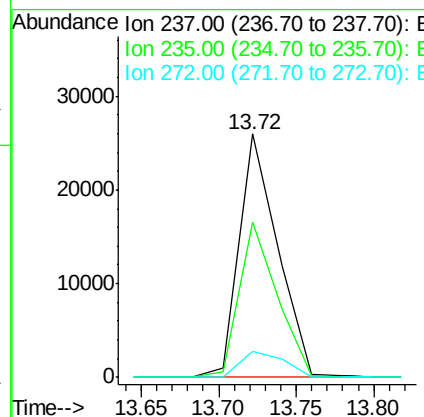
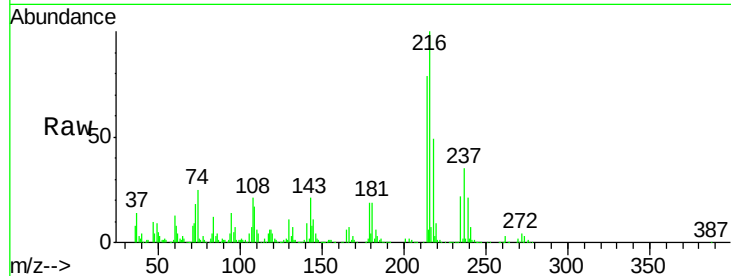
#37
Hexachlorocyclopentadiene
Concen: 2.16 ng/ul
RT: 13.72 min Scan# 556
Delta R.T. -0.02 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	45617		
235	63.7	49.6	74.4	
272	11.2	10.4	15.6	

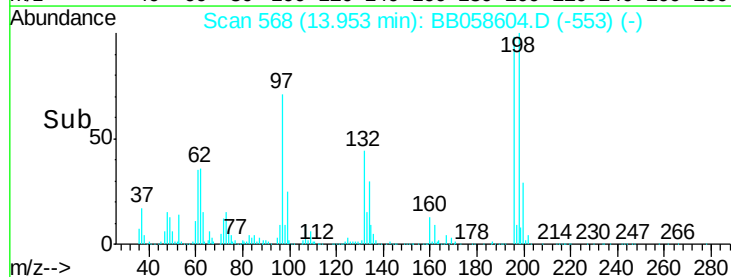
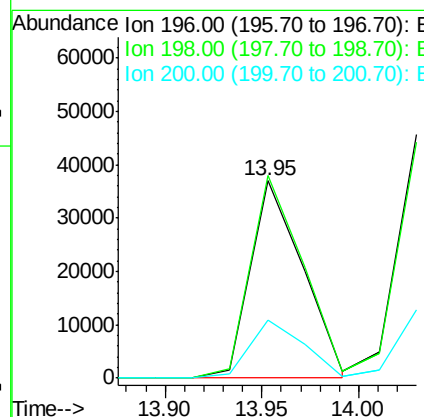
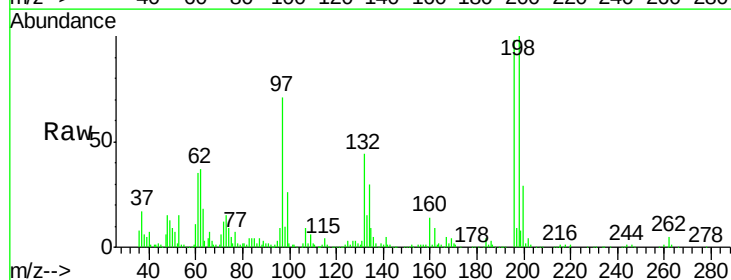
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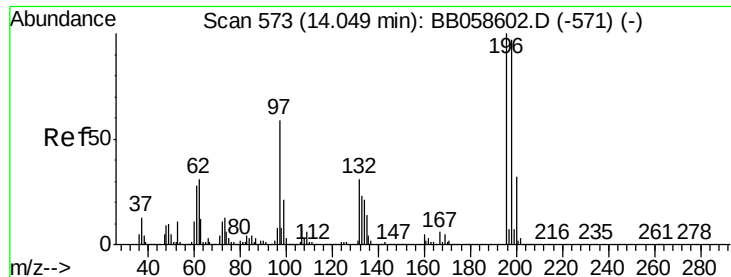
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#38
2,4,6-Trichlorophenol
Concen: 3.39 ng/ul
RT: 13.95 min Scan# 568
Delta R.T. -0.02 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	68788		
198	102.5	76.9	115.3	
200	29.4	25.1	37.7	





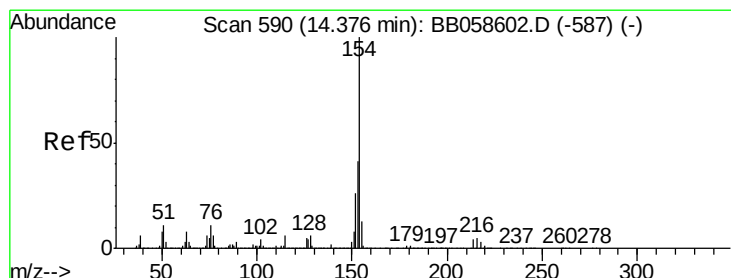
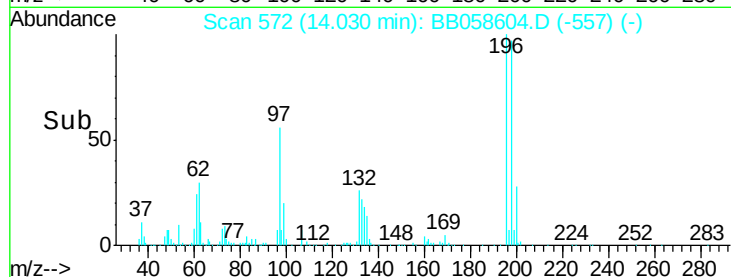
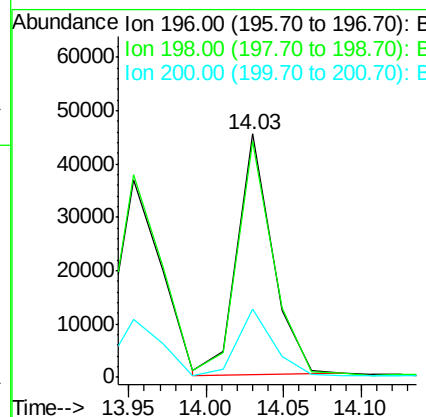
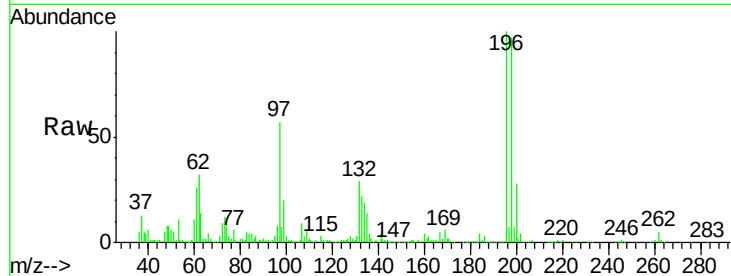
#39
 2,4,5-Trichlorophenol
 Concen: 3.35 ng/ul
 RT: 14.03 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BB058604.D
 Acq: 11 Oct 2016 12:21

Instrument :
 BNA_B
 ClientSampled :
 MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	72115		
198	96.7	76.8	115.2	
200	28.2	27.0	40.4	

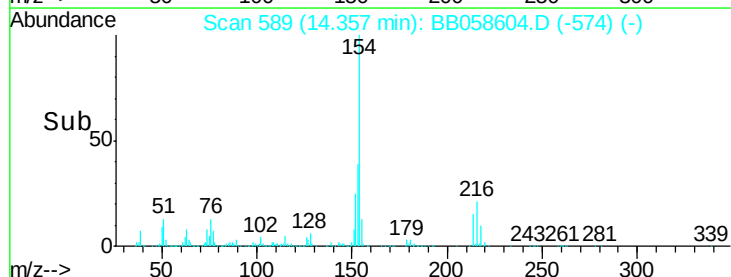
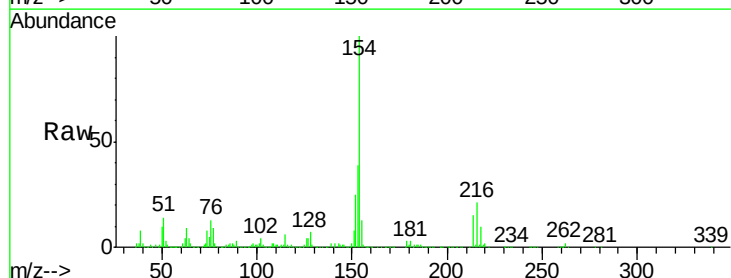
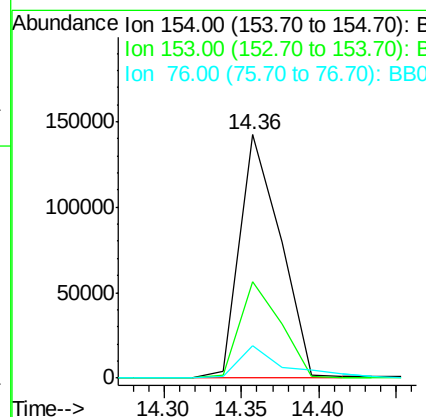
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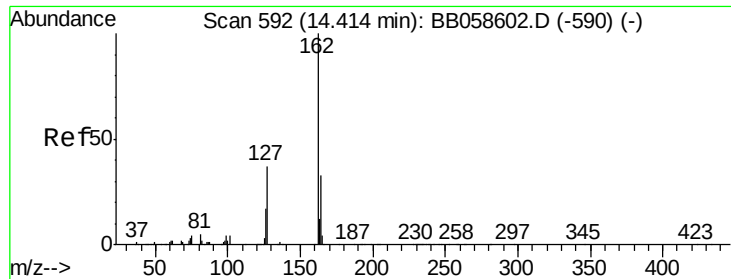
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#40
 1,1'-Biphenyl
 Concen: 3.61 ng/ul
 RT: 14.36 min Scan# 589
 Delta R.T. -0.02 min
 Lab File: BB058604.D
 Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	263412		
153	39.4	31.3	46.9	
76	13.2	10.0	15.0	





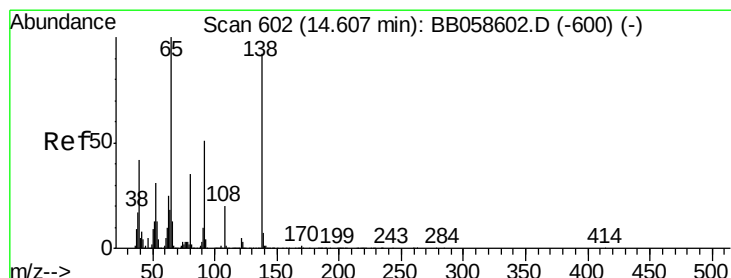
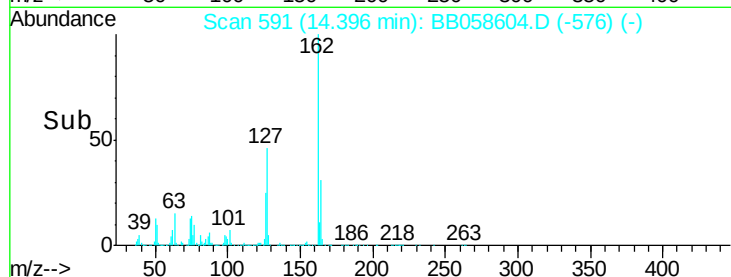
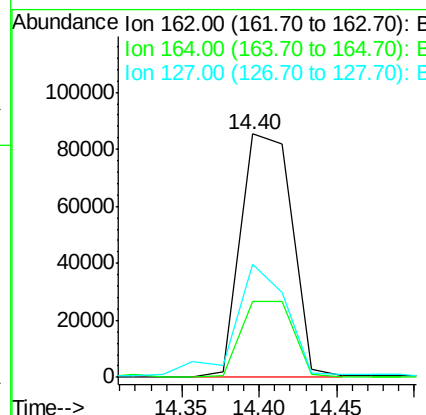
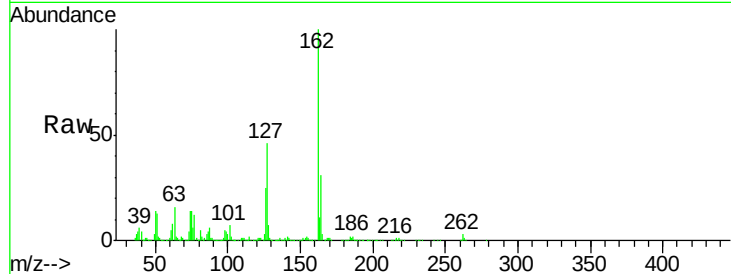
#41
 2-Chloronaphthalene
 Concen: 3.44 ng/ul
 RT: 14.40 min Scan# 591
 Delta R.T. -0.02 min
 Lab File: BB058604.D
 Acq: 11 Oct 2016 12:21

Instrument :
 BNA_B
 ClientSampled :
 MDL-01-S

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
164	31.4	26.9	40.3
127	46.2	31.2	46.8

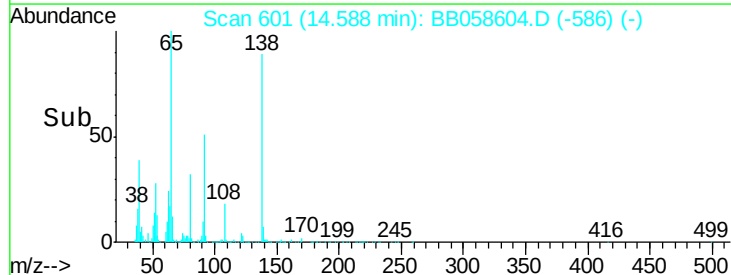
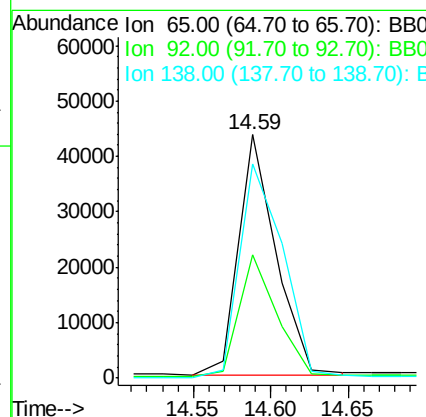
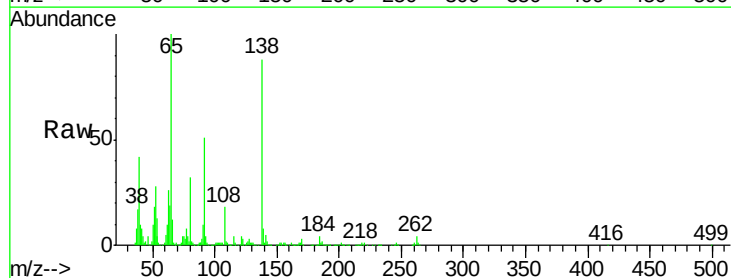
Manual Integrations
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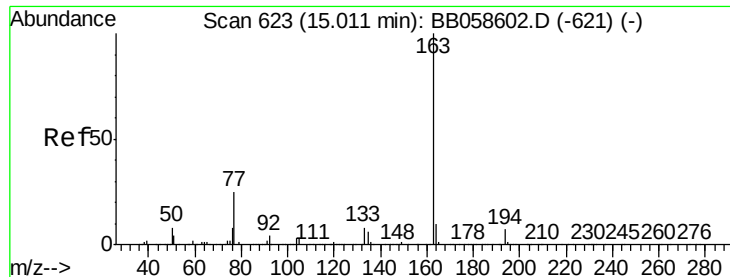
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#42
 2-Nitroaniline
 Concen: 3.29 ng/ul
 RT: 14.59 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BB058604.D
 Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	50.7	55.6	83.4#
138	88.1	81.3	121.9





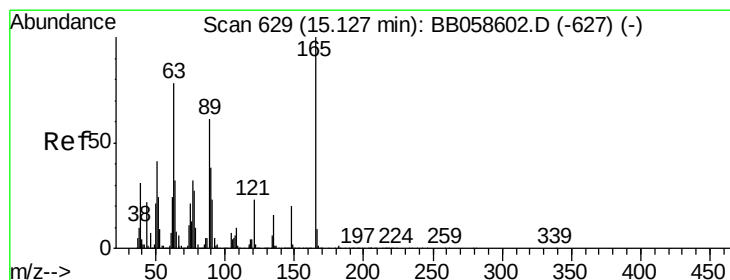
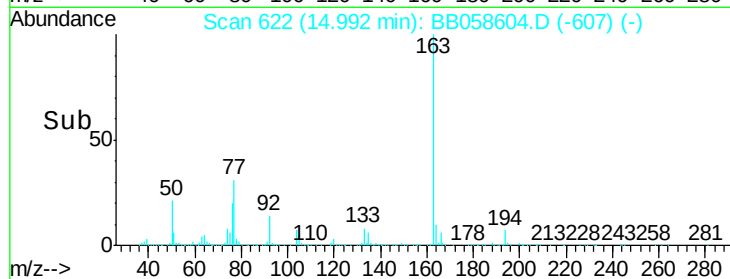
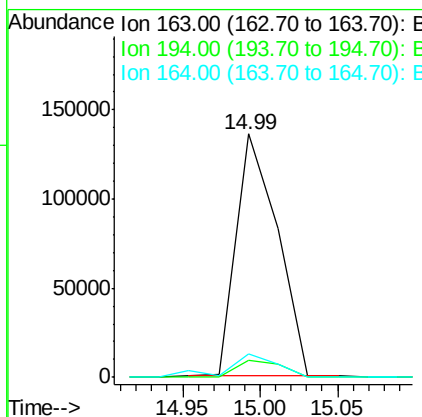
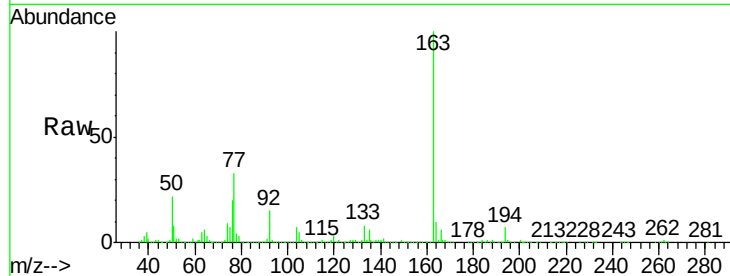
#44
Dimethylphthalate
Concen: 3.51 ng/ul
RT: 14.99 min Scan# 622
Delta R.T. -0.02 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	253752		
194	6.9	3.4	5.2#	
164	9.7	7.8	11.8	

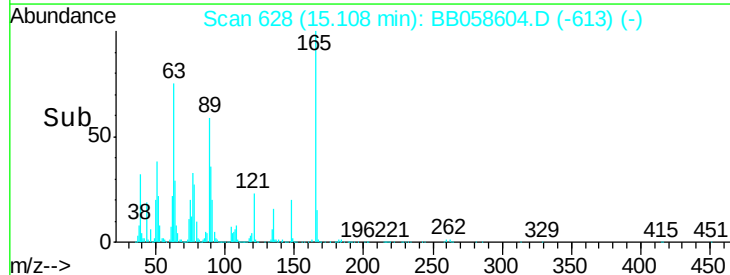
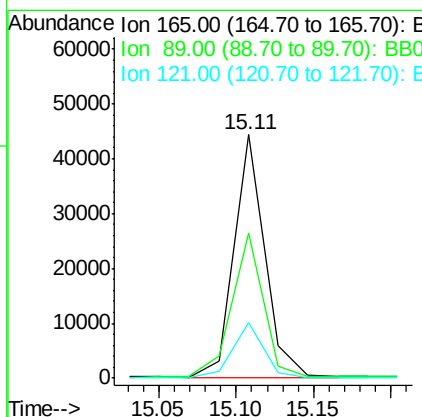
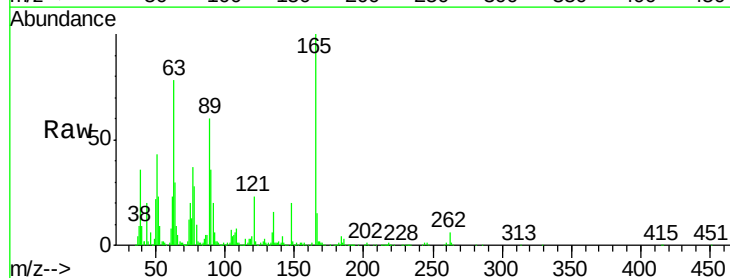
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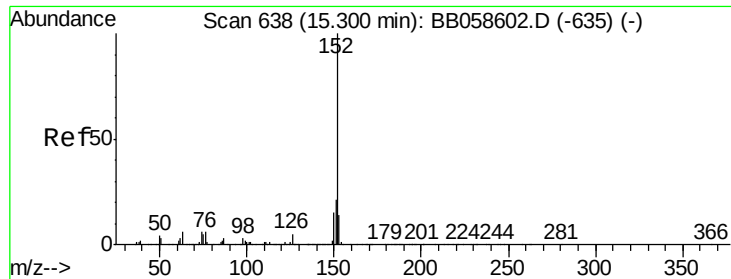
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#45
2,6-Dinitrotoluene
Concen: 3.38 ng/ul
RT: 15.11 min Scan# 628
Delta R.T. -0.02 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	61727		
89	59.5	46.6	69.8	
121	22.7	16.0	24.0	





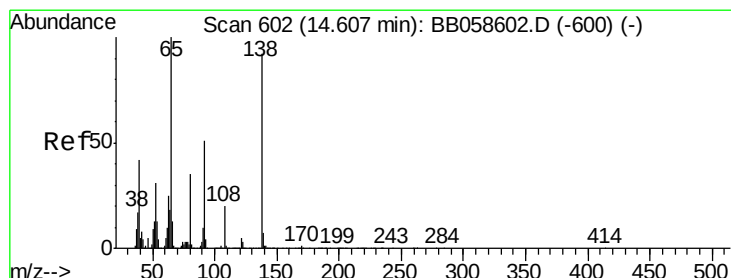
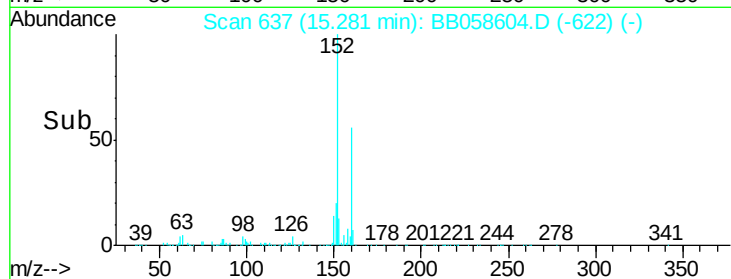
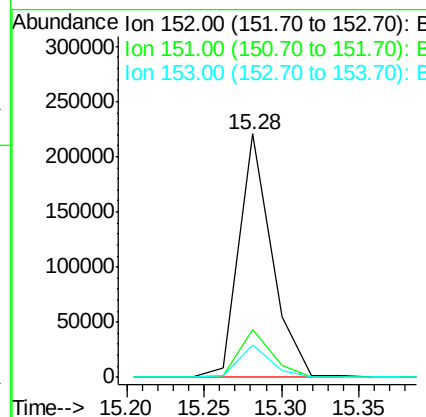
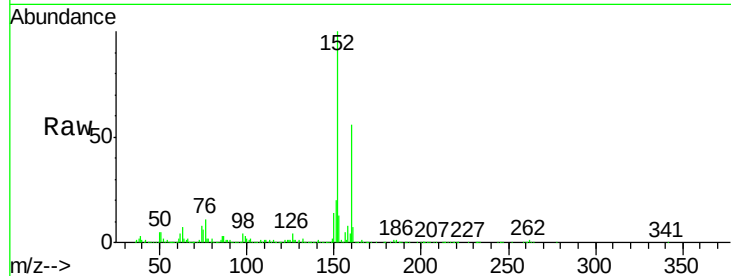
#47
 Acenaphthylene
 Concen: 3.99 ng/ul
 RT: 15.28 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BB058604.D
 Acq: 11 Oct 2016 12:21

Instrument :
 BNA_B
 ClientSampled :
 MDL-01-S

Tgt Ion	Ratio	Resp Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.5	11.0	16.6

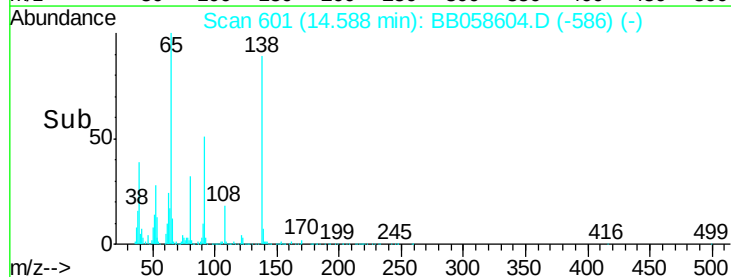
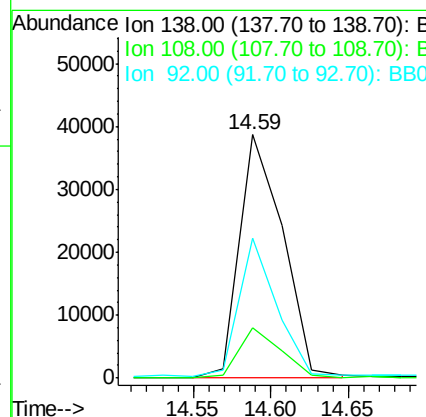
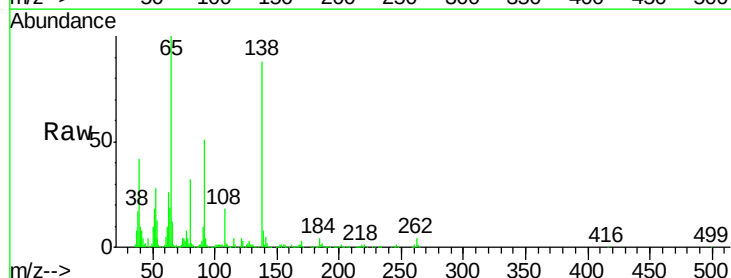
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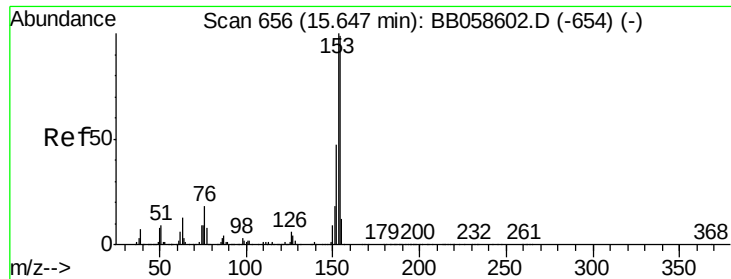
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#48
 3-Nitroaniline
 Concen: 3.16 ng/ul
 RT: 14.59 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BB058604.D
 Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
108	20.7	9.4	14.0#
92	57.5	96.6	145.0#





#49

Acenaphthene

Concen: 3.52 ng/ul

RT: 15.65 min Scan# 656

Delta R.T. 0.00 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Instrument :

BNA_B

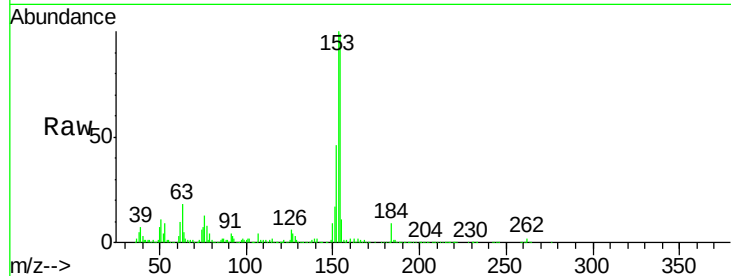
ClientSampled :

MDL-01-S

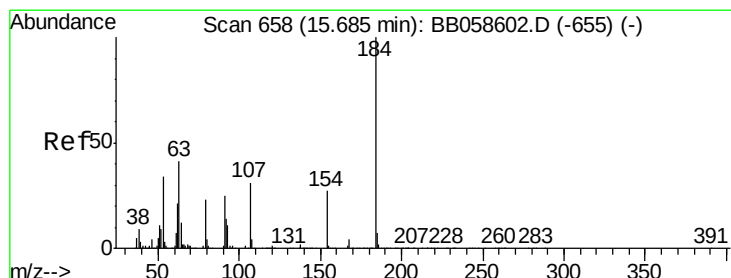
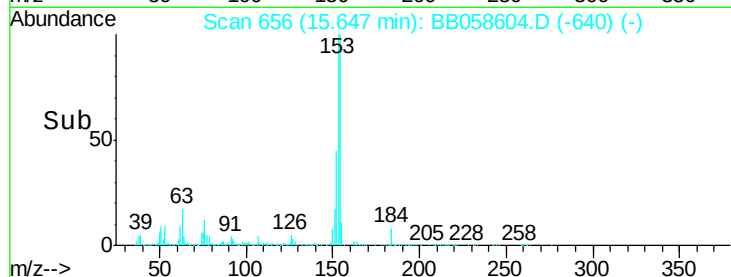
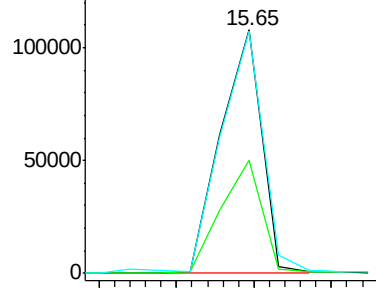
Tgt Ion:	153	Resp:	199788
Ion Ratio		Lower	Upper
153	100		
152	46.5	37.8	56.6
154	99.5	71.4	107.0

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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: 1.79 ng/ul

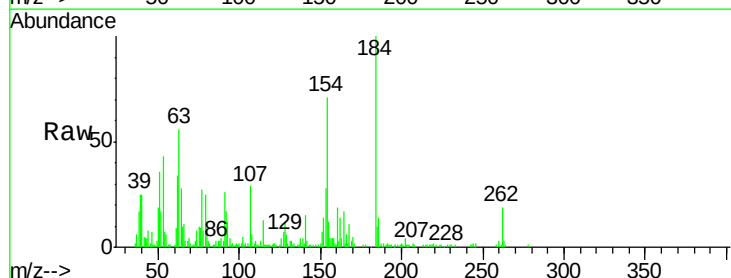
RT: 15.67 min Scan# 657

Delta R.T. -0.02 min

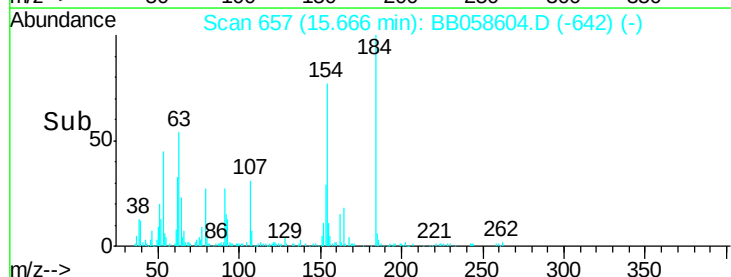
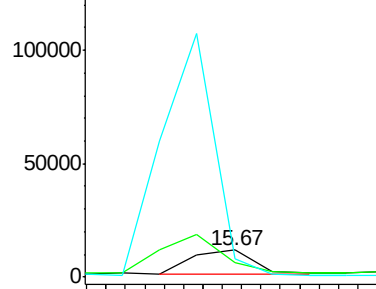
Lab File: BB058604.D

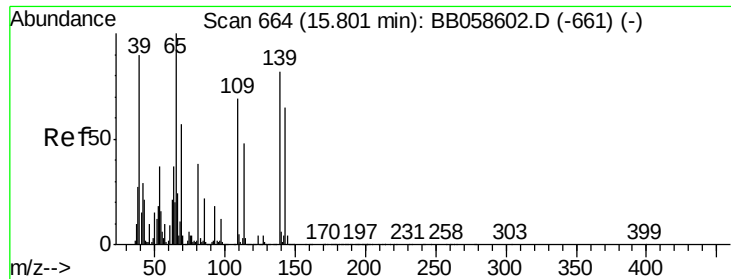
Acq: 11 Oct 2016 12:21

Tgt Ion:	184	Resp:	23280
Ion Ratio		Lower	Upper
184	100		
63	56.4	43.4	65.0
154	70.5	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: 3.28 ng/ul

RT: 15.78 min Scan# 663

Delta R.T. -0.02 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Instrument :

BNA_B

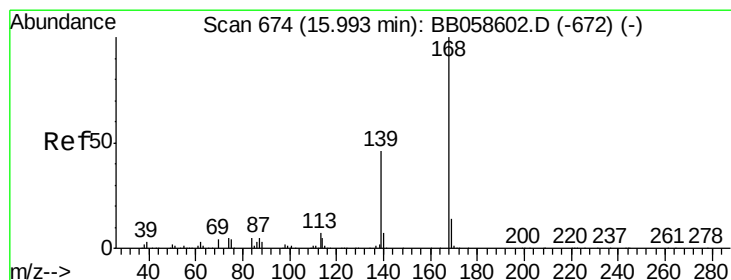
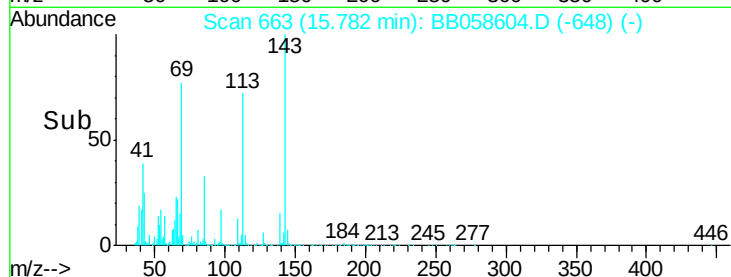
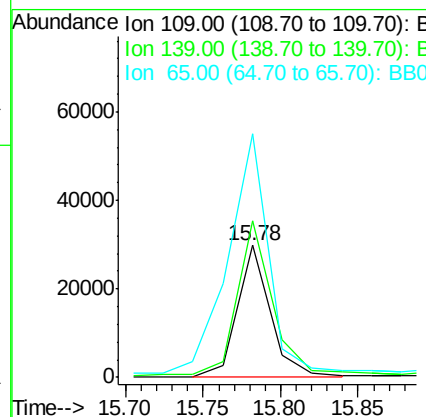
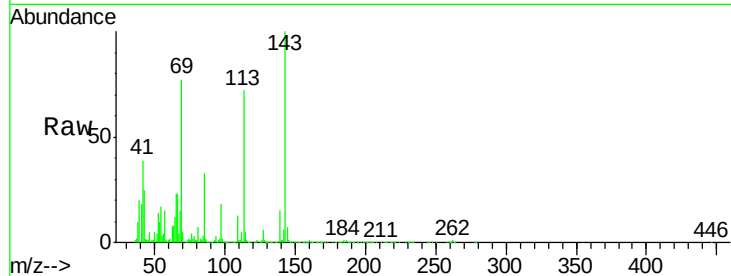
ClientSampleId :

MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	44331		
139	118.7	88.7	133.1	
65	184.5	96.4	144.6#	

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#53

Dibenzofuran

Concen: 3.56 ng/ul

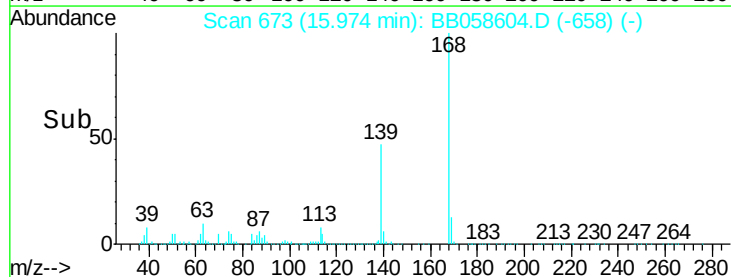
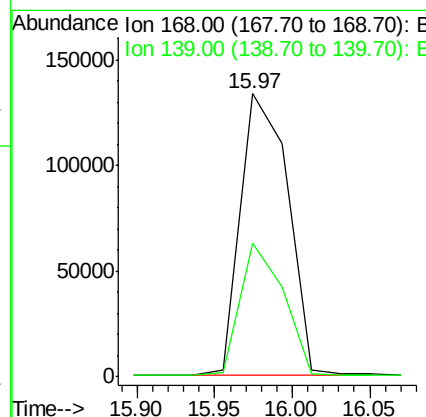
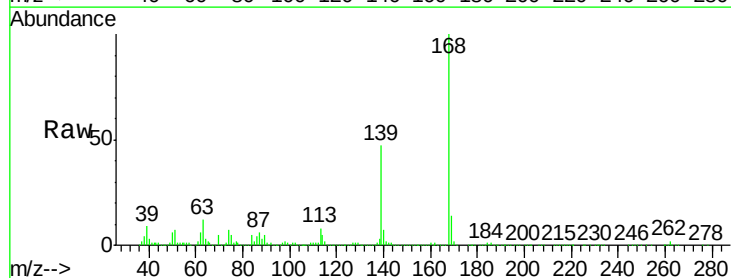
RT: 15.97 min Scan# 673

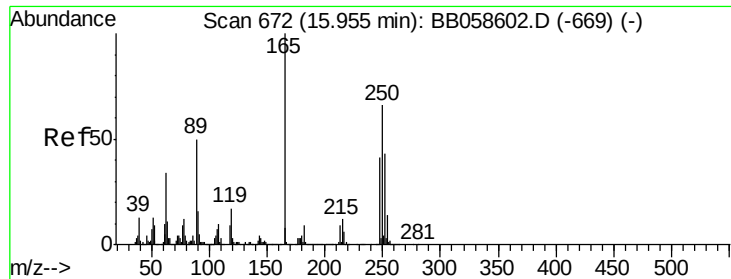
Delta R.T. -0.02 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	287906		
139	47.2	30.1	45.1#	





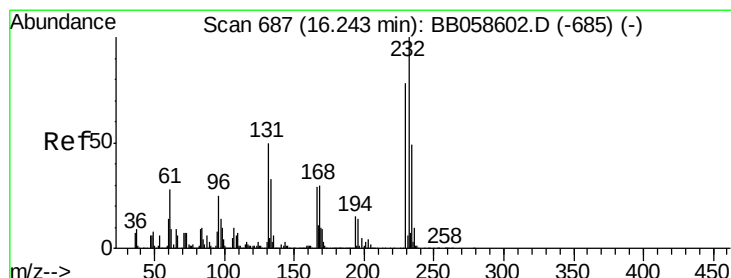
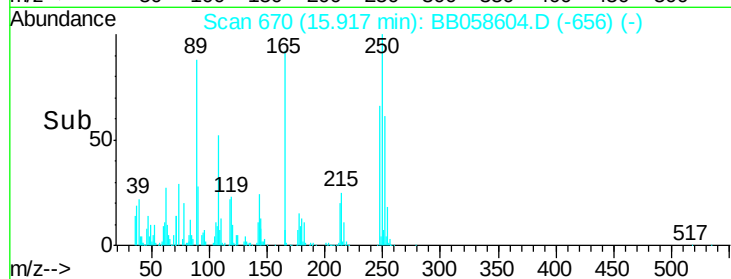
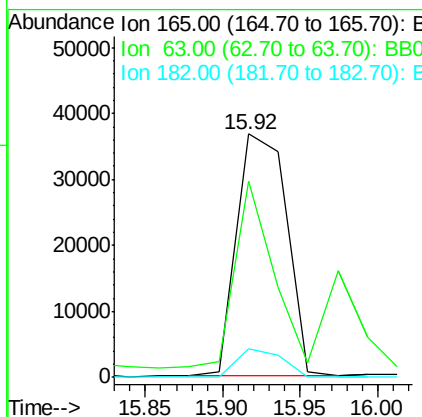
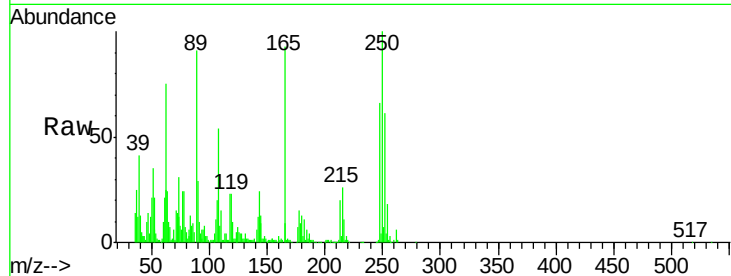
#54
 2,4-Dinitrotoluene
 Concen: 3.27 ng/ul
 RT: 15.92 min Scan# 670
 Delta R.T. -0.04 min
 Lab File: BB058604.D
 Acq: 11 Oct 2016 12:21

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	83290		
63	80.8	36.2	54.2#	
182	11.7	2.2	3.4#	

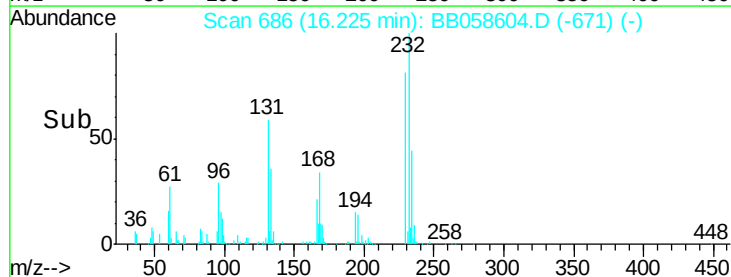
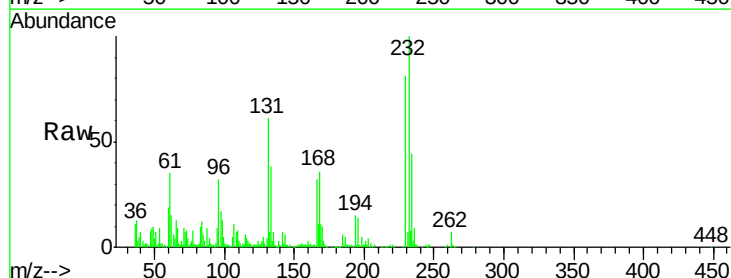
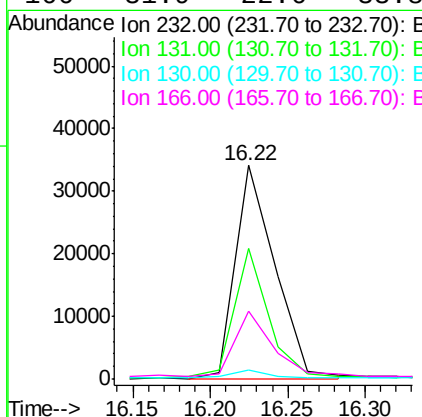
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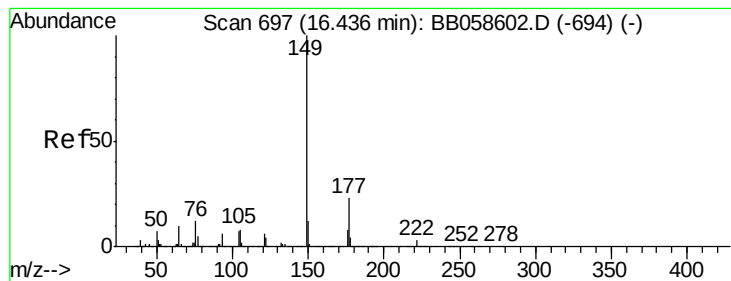
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 3.24 ng/ul
 RT: 16.22 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BB058604.D
 Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	61034		
131	61.2	31.4	47.0#	
130	4.3	1.6	2.4#	
166	31.9	22.6	33.8	





#56

Diethylphthalate

Concen: 3.87 ng/ul

RT: 16.42 min Scan# 696

Delta R.T. -0.02 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Instrument :

BNA_B

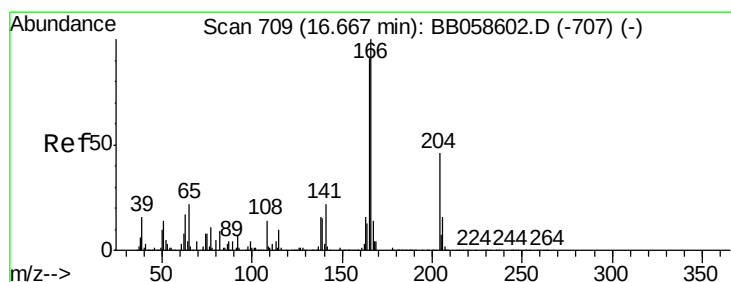
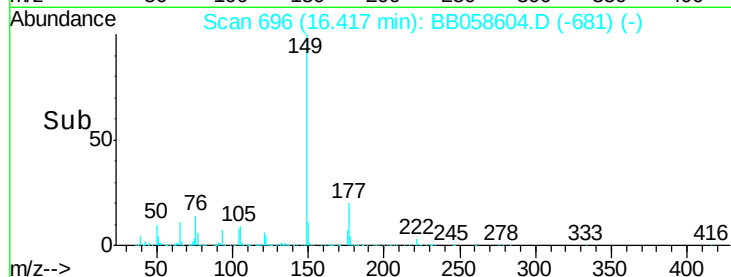
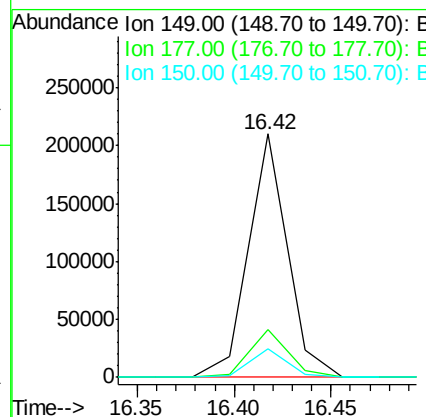
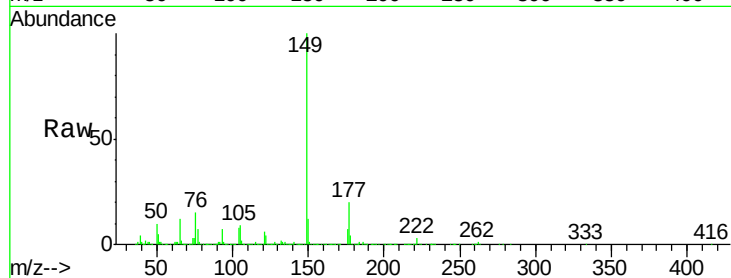
ClientSampled :

MDL-01-S

Tgt Ion:	149	Resp:	290711
Ion Ratio	Lower	Upper	
149	100		
177	19.8	18.6	28.0
150	11.5	10.0	15.0

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#58

Fluorene

Concen: 3.40 ng/ul

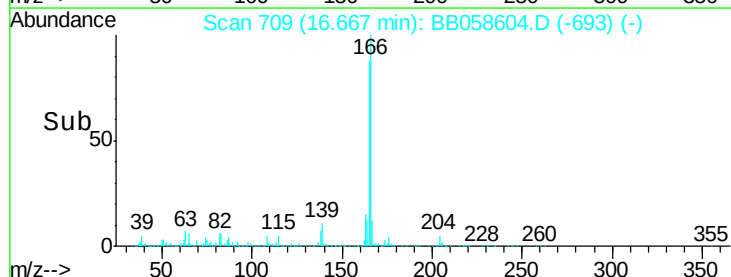
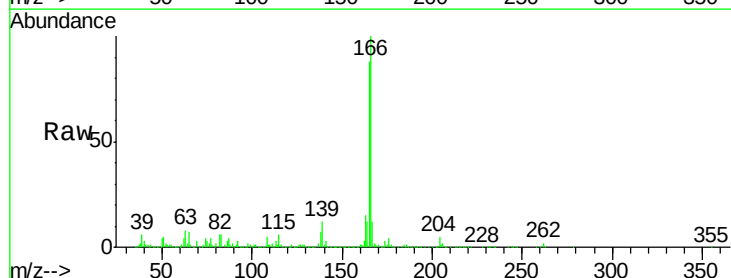
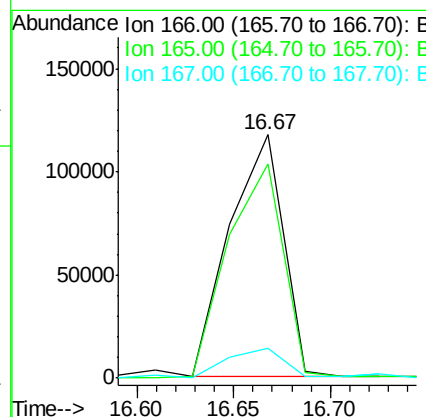
RT: 16.67 min Scan# 709

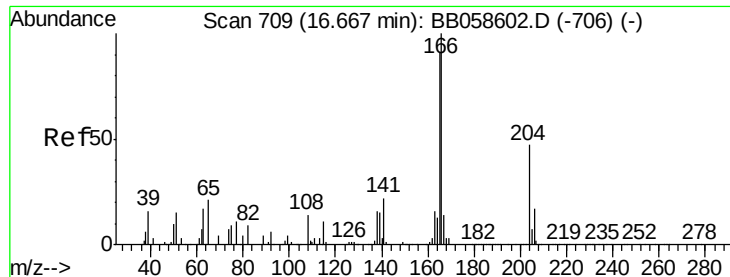
Delta R.T. 0.00 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Tgt Ion:	166	Resp:	223770
Ion Ratio	Lower	Upper	
166	100		
165	88.2	79.9	119.9
167	12.2	10.5	15.7





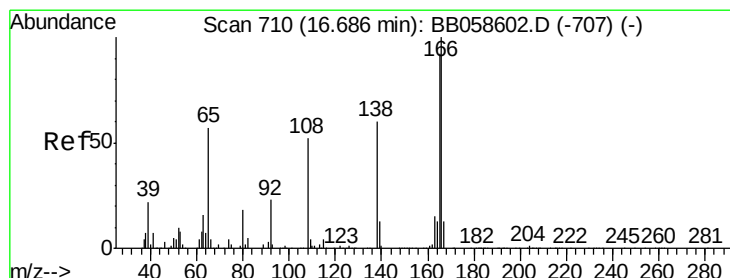
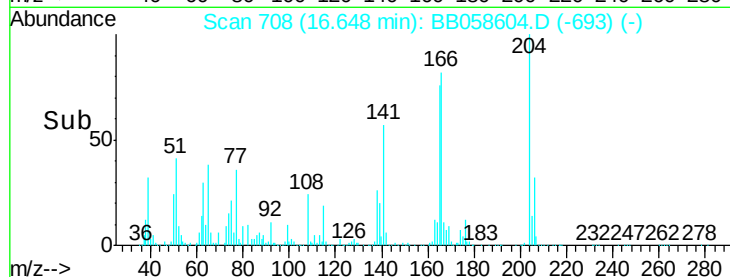
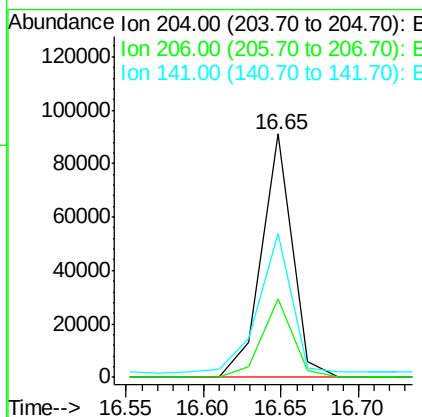
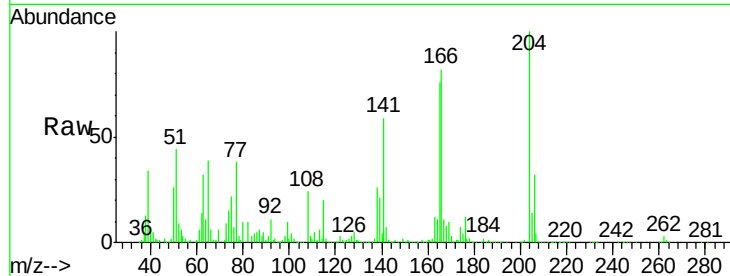
#59
4-Chlorophenyl-phenylether
Concen: 3.61 ng/ul
RT: 16.65 min Scan# 708
Delta R.T. -0.02 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	127632		
206	32.5	25.9	38.9	
141	59.1	46.1	69.1	

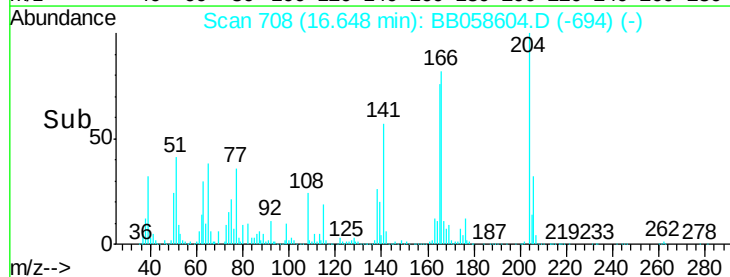
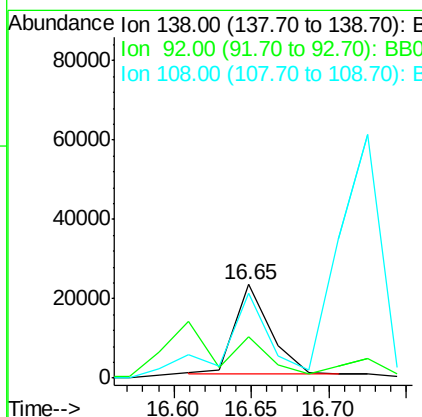
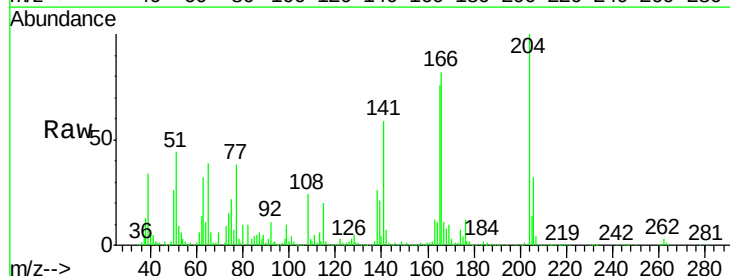
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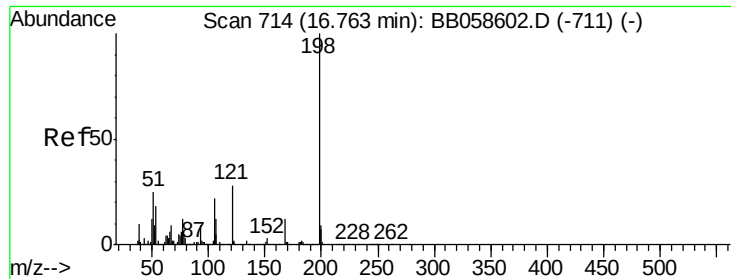
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#60
4-Nitroaniline
Concen: 1.91 ng/ul
RT: 16.65 min Scan# 708
Delta R.T. -0.04 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	36004		
92	44.0	43.5	65.3	
108	91.5	80.3	120.5	





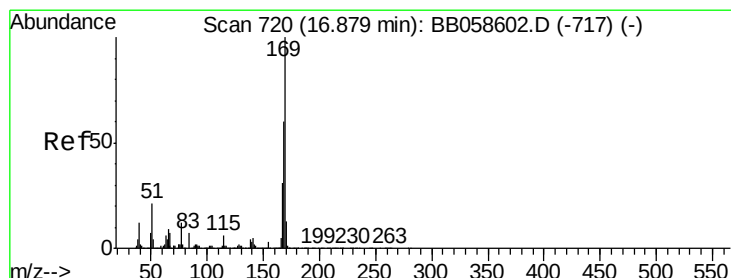
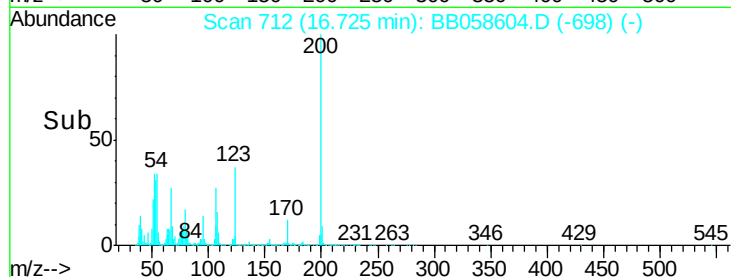
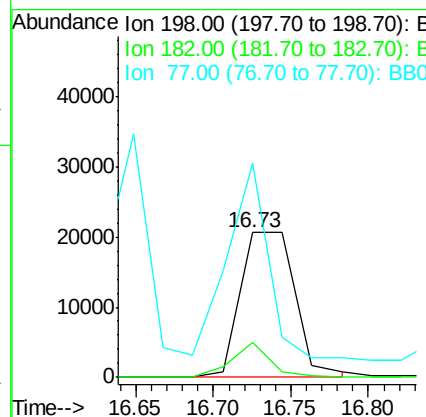
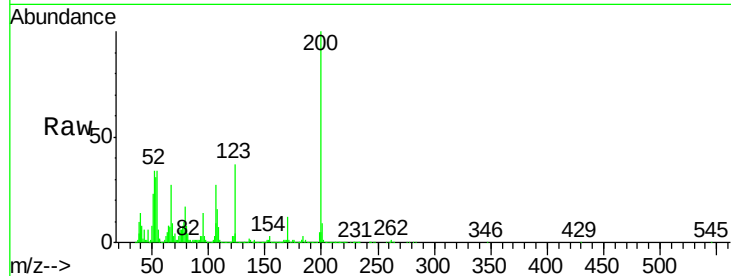
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.81 ng/ul
 RT: 16.73 min Scan# 712
 Delta R.T. -0.04 min
 Lab File: BB058604.D
 Acq: 11 Oct 2016 12:21

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Lower	Upper
198	100		
182	24.0	3.3	4.9#
77	148.3	21.8	32.6#

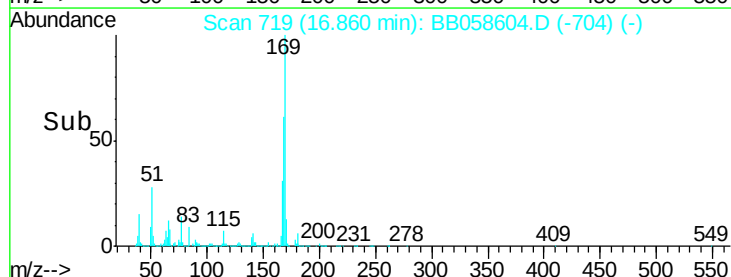
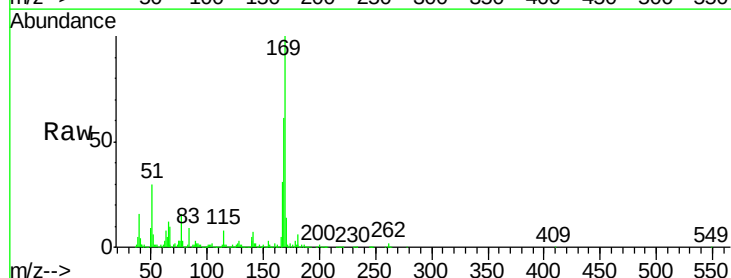
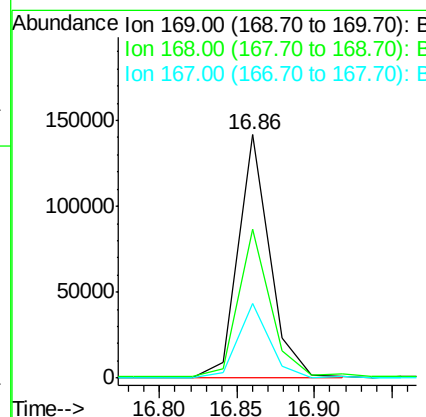
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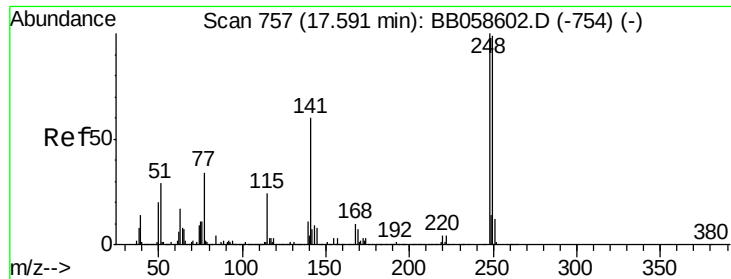
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#64
 N-Nitrosodiphenylamine
 Concen: 3.65 ng/ul
 RT: 16.86 min Scan# 719
 Delta R.T. -0.02 min
 Lab File: BB058604.D
 Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	61.3	52.6	79.0
167	30.8	28.6	43.0





#65

4-Bromophenyl-phenylether

Concen: 3.36 ng/ul

RT: 17.57 min Scan# 756

Delta R.T. -0.02 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Instrument :

BNA_B

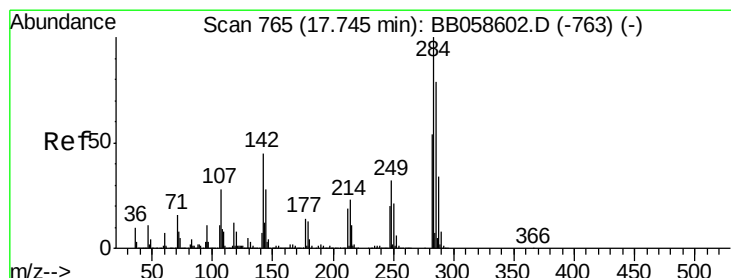
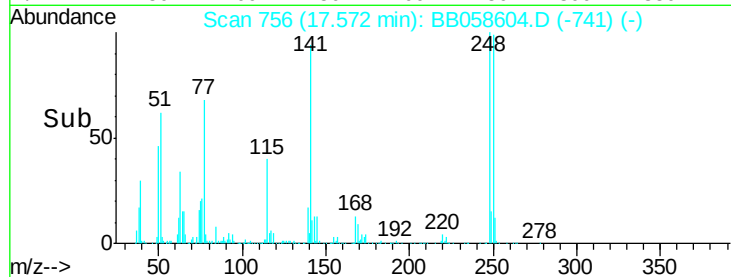
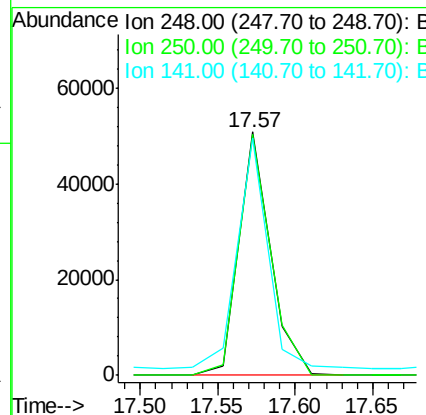
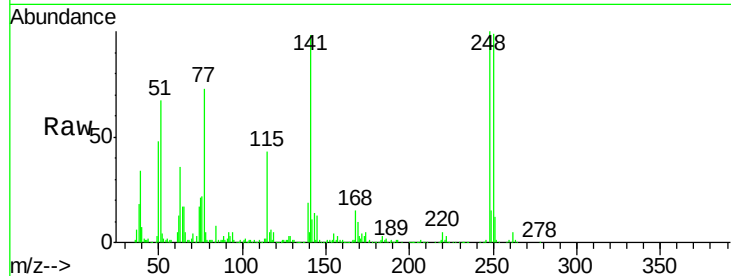
ClientSampleId :

MDL-01-S

Tgt Ion:	248	Resp:	73576
Ion Ratio	Lower	Upper	
248	100		
250	98.8	79.7	119.5
141	97.6	58.3	87.5#

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#66

Hexachlorobenzene

Concen: 3.25 ng/ul

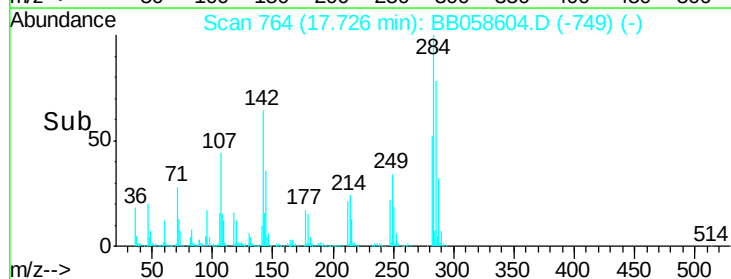
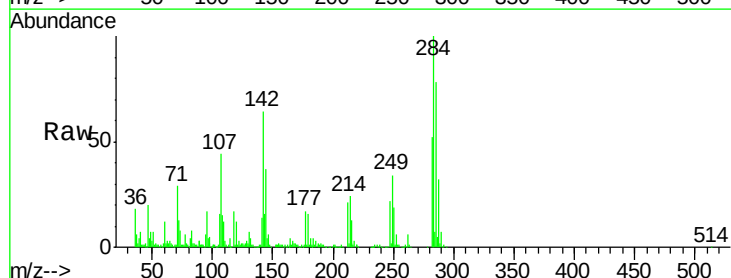
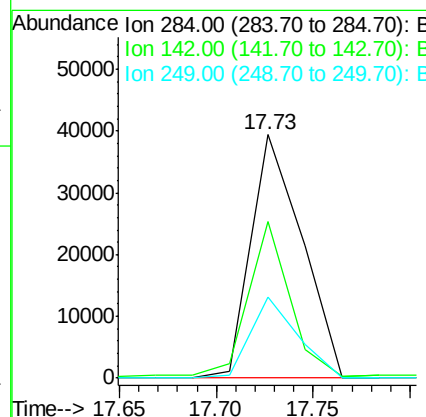
RT: 17.73 min Scan# 764

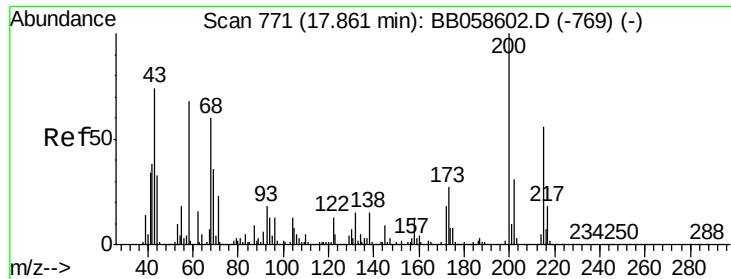
Delta R.T. -0.02 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Tgt Ion:	284	Resp:	71431
Ion Ratio	Lower	Upper	
284	100		
142	64.5	24.9	37.3#
249	33.5	25.5	38.3





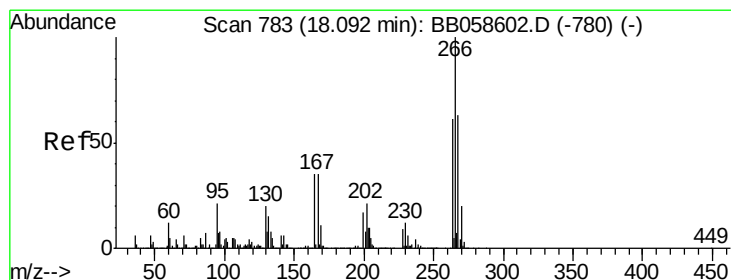
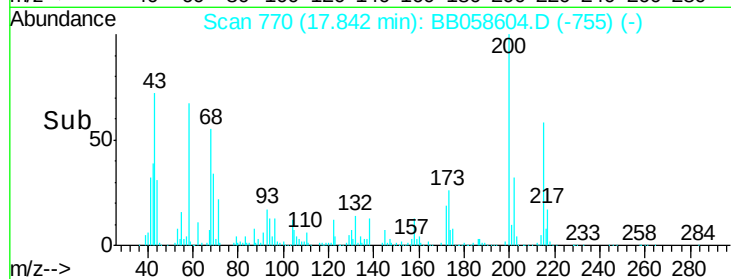
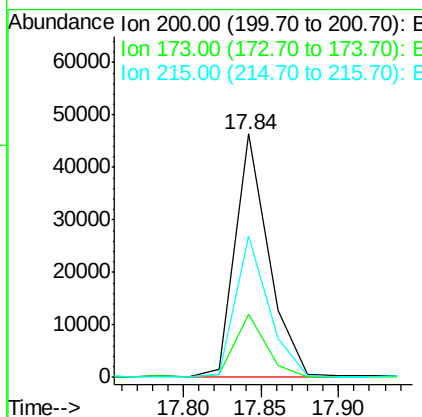
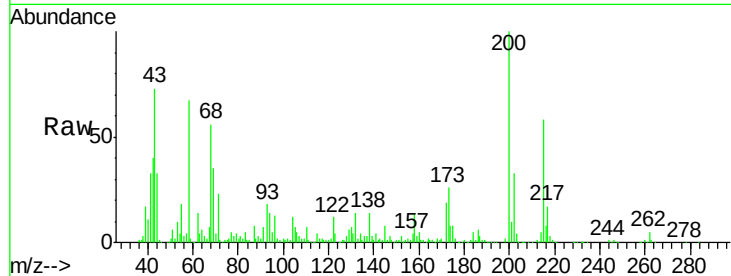
#67
 Atrazine
 Concen: 3.34 ng/ul
 RT: 17.84 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BB058604.D
 Acq: 11 Oct 2016 12:21

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.1	18.9	28.3
215	58.2	39.5	59.3

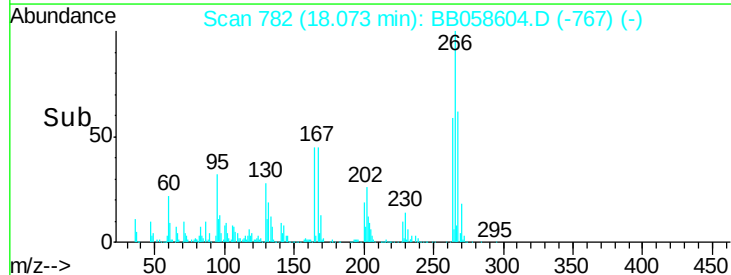
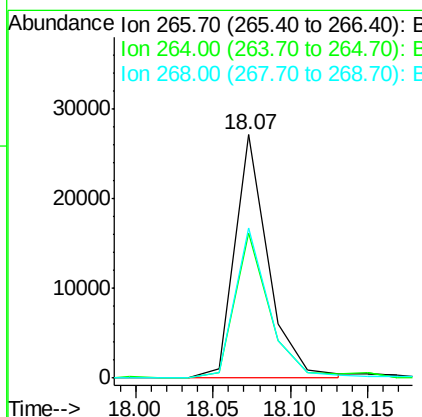
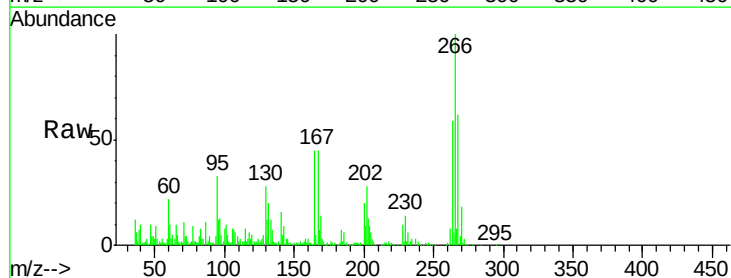
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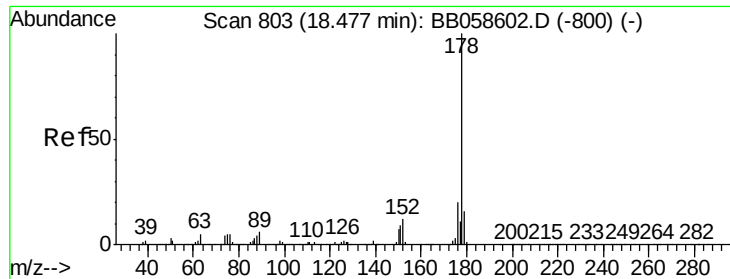
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#68
 Pentachlorophenol
 Concen: 2.66 ng/ul
 RT: 18.07 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BB058604.D
 Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	59.5	50.6	75.8
268	61.5	51.0	76.6





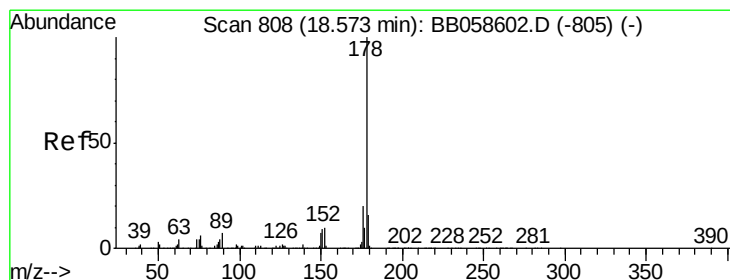
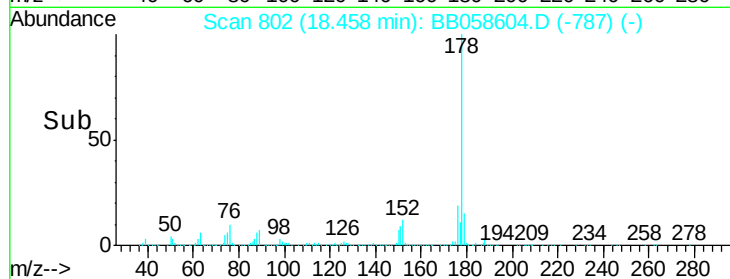
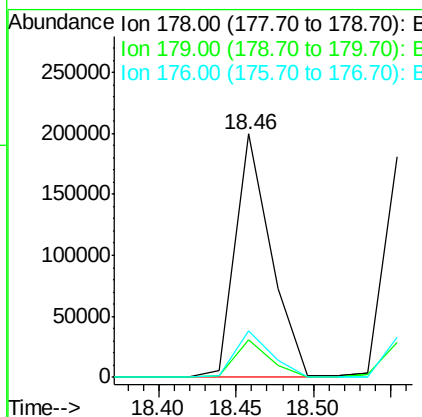
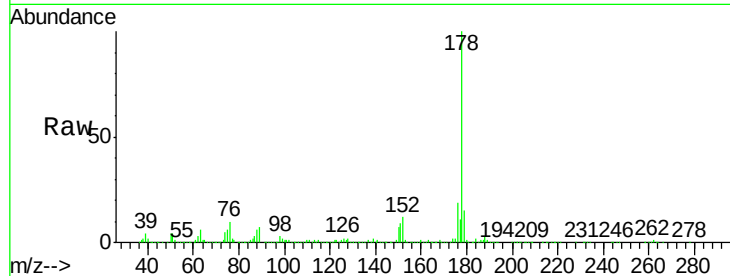
#69
Phenanthrene
Concen: 3.77 ng/ul
RT: 18.46 min Scan# 802
Delta R.T. -0.02 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Instrument :
BNA_B
ClientSampled :
MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	321348		
179	15.3	12.2	18.2	
176	18.9	15.1	22.7	

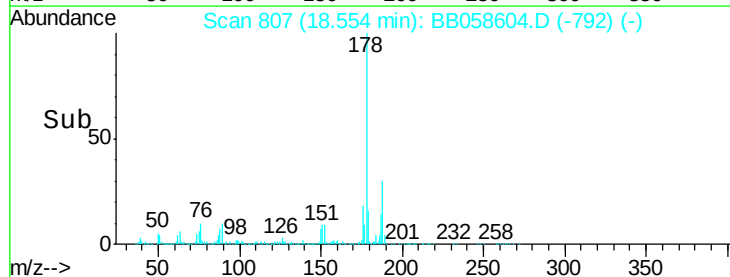
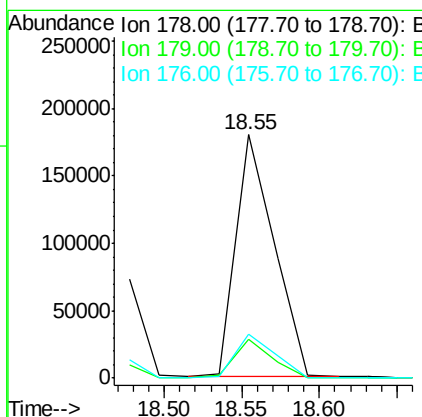
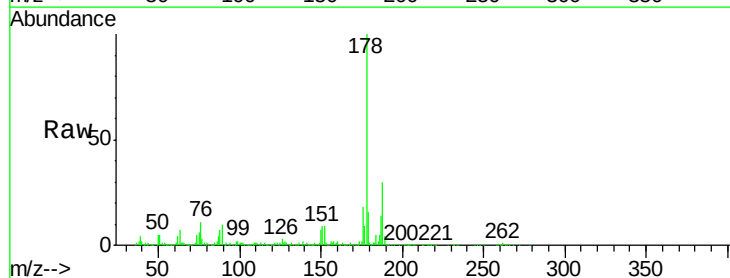
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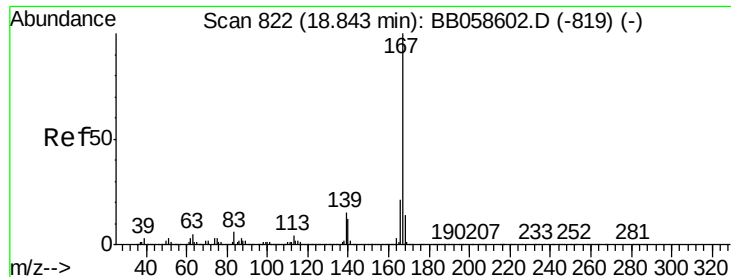
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#71
Anthracene
Concen: 3.61 ng/ul
RT: 18.55 min Scan# 807
Delta R.T. -0.02 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	313790		
179	15.9	12.1	18.1	
176	18.2	14.5	21.7	





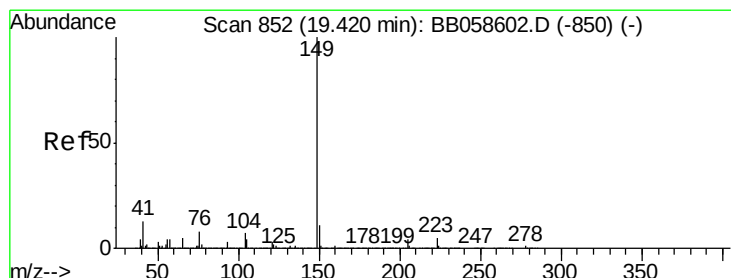
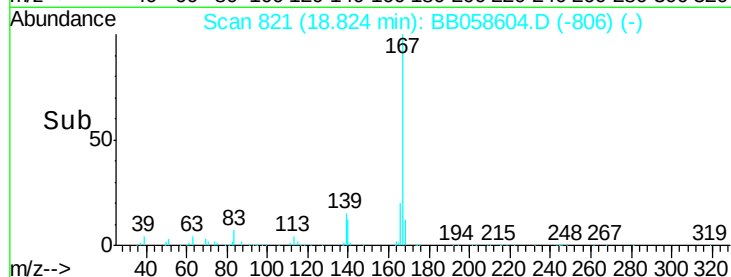
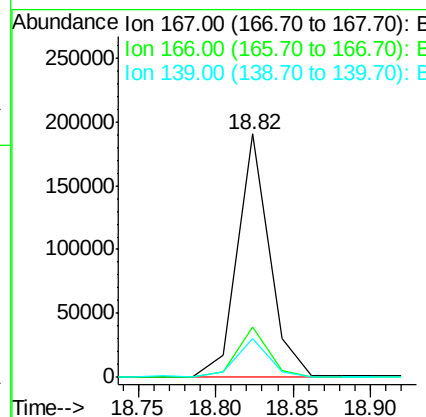
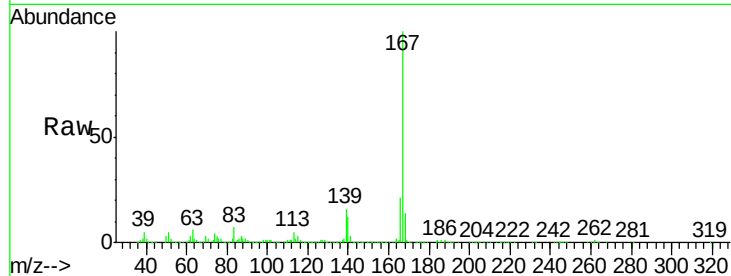
#72
 Carbazole
 Concen: 3.83 ng/ul
 RT: 18.82 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BB058604.D
 Acq: 11 Oct 2016 12:21

Instrument :
 BNA_B
 ClientSampleID :
 MDL-01-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
167	100		
166	20.7	16.6	25.0
139	15.7	10.2	15.4

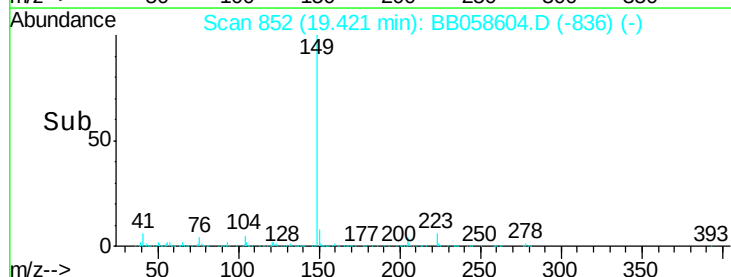
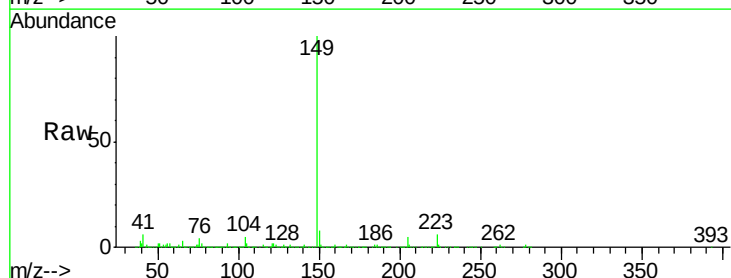
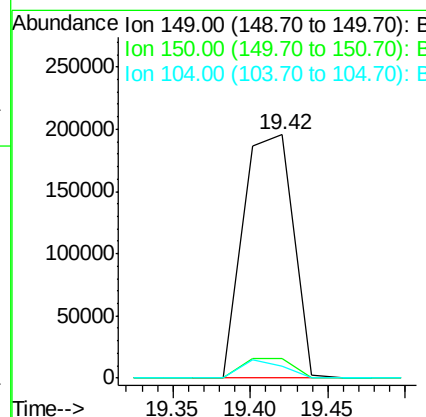
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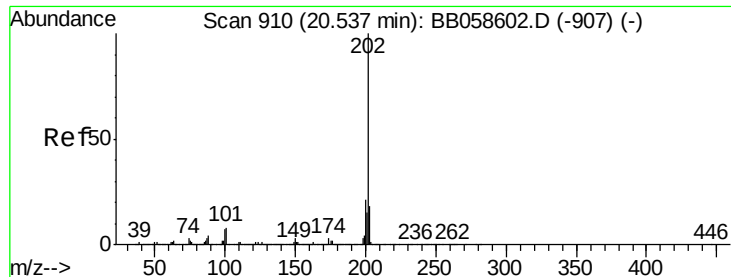
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#73
 Di-n-butylphthalate
 Concen: 3.75 ng/ul
 RT: 19.42 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BB058604.D
 Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	8.2	7.6	11.4
104	4.7	4.6	7.0





#74

Fluoranthene

Concen: 4.11 ng/ul

RT: 20.52 min Scan# 909

Delta R.T. -0.02 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Instrument :

BNA_B

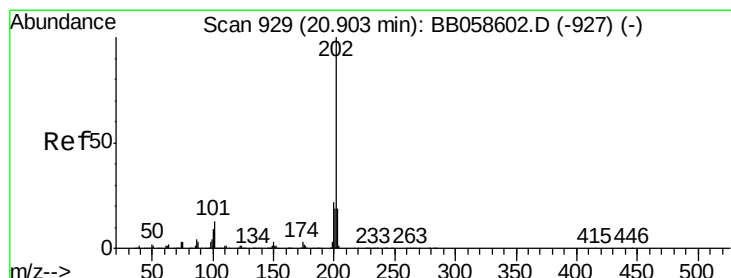
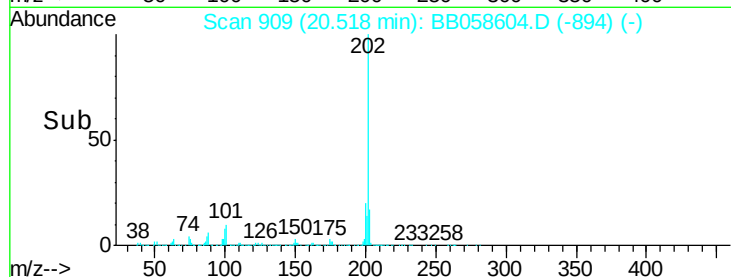
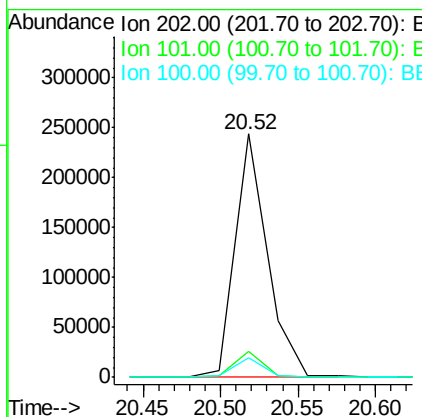
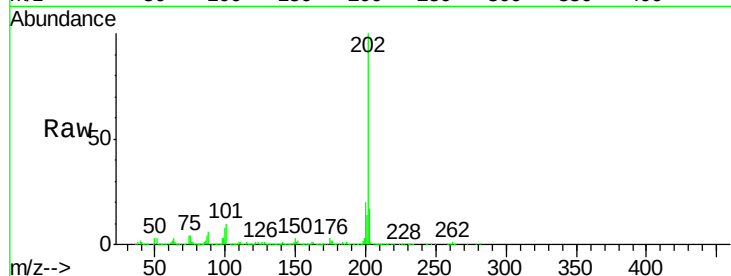
ClientSampleId :

MDL-01-S

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	6.9	10.3#
100	8.3	5.4	8.0#

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#77

Pyrene

Concen: 3.91 ng/ul

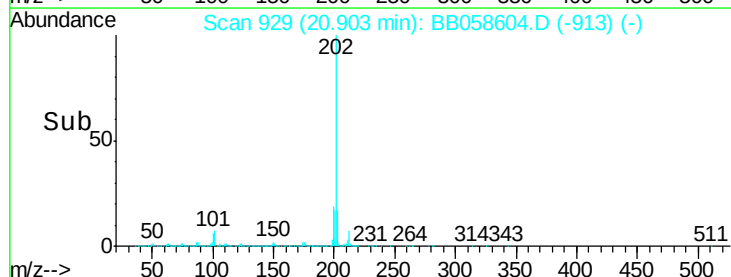
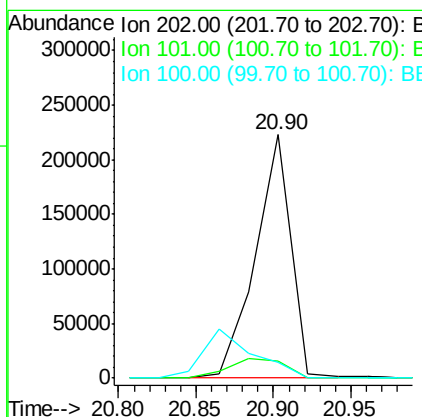
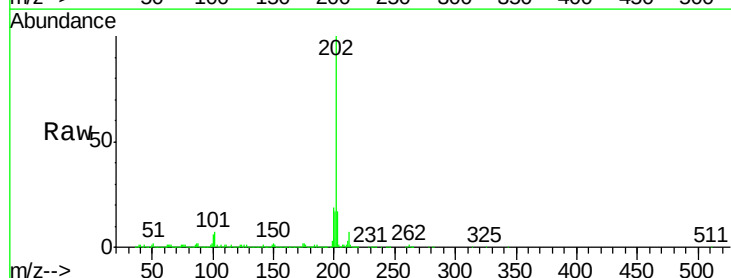
RT: 20.90 min Scan# 929

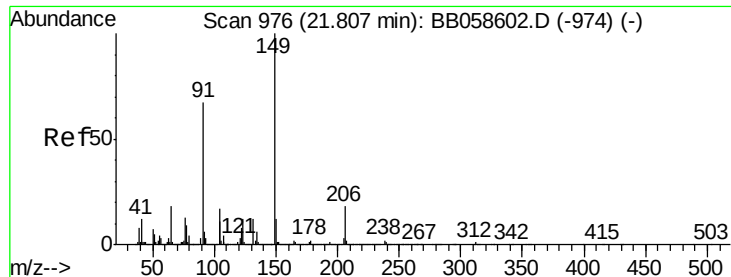
Delta R.T. 0.00 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	6.9	8.4	12.6#
100	6.5	6.9	10.3#





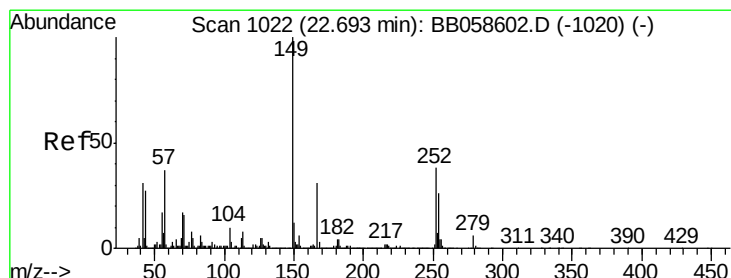
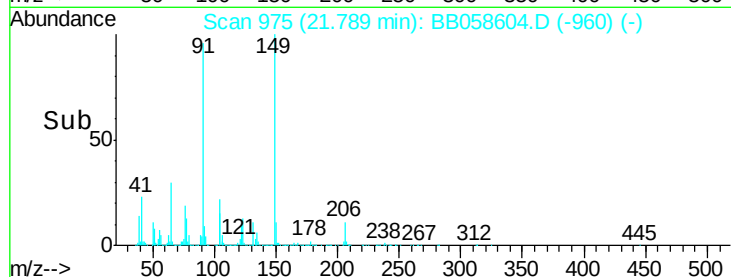
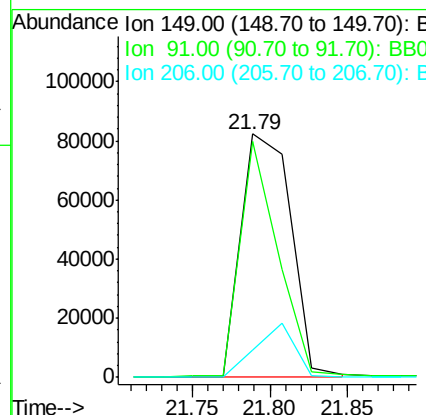
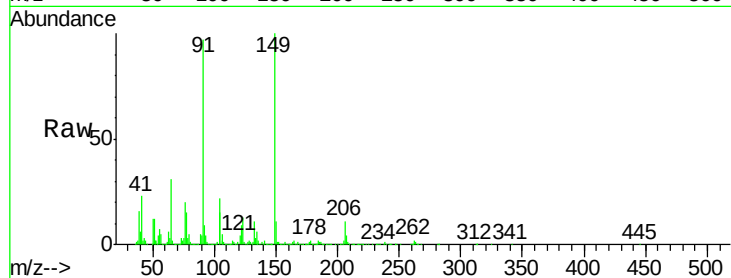
#78
Butylbenzylphthalate
Concen: 3.16 ng/ul
RT: 21.79 min Scan# 975
Delta R.T. -0.02 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Instrument :
BNA_B
ClientSampleID :
MDL-01-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	96.6	57.3	85.9#
206	11.5	18.6	27.8#

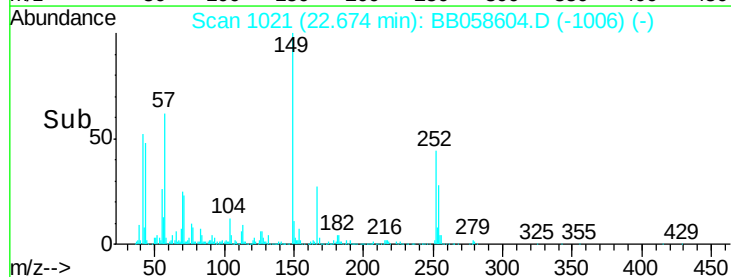
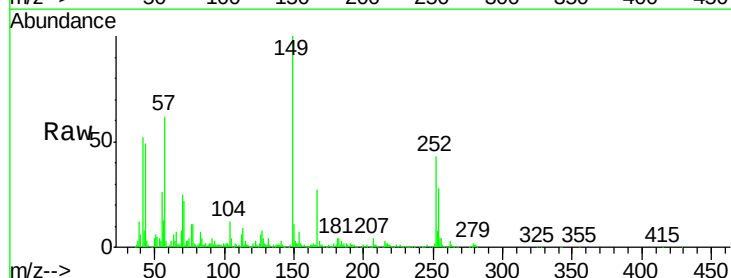
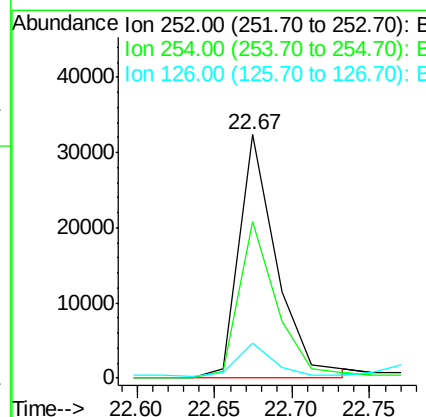
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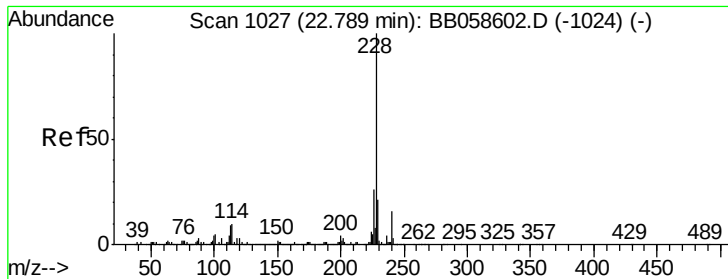
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#79
3,3'-Dichlorobenzidine
Concen: 1.81 ng/ul
RT: 22.67 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.2	51.0	76.4
126	14.2	7.1	10.7#





#80

Benzo(a)anthracene

Concen: 3.76 ng/ul

RT: 22.77 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Instrument :

BNA_B

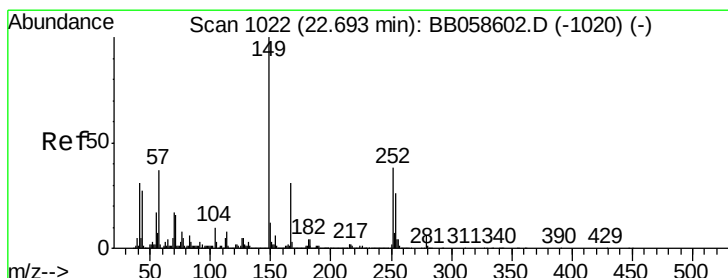
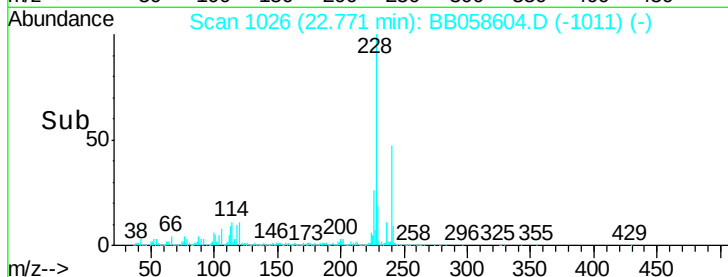
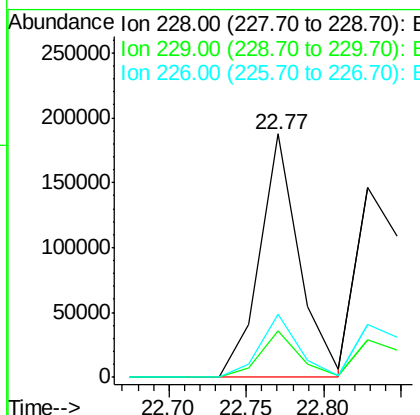
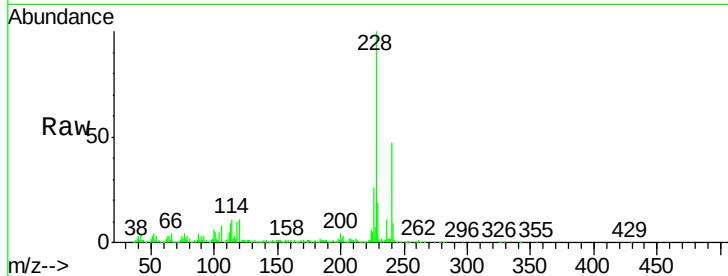
ClientSampleId :

MDL-01-S

Tgt Ion:	228	Resp:	333701
Ion Ratio	Lower	Upper	
228	100		
229	19.2	15.6	23.4
226	26.1	21.8	32.8

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#81

Bis(2-ethylhexyl)phthalate

Concen: 3.41 ng/ul

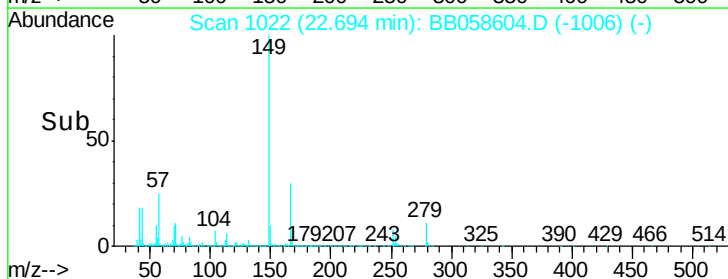
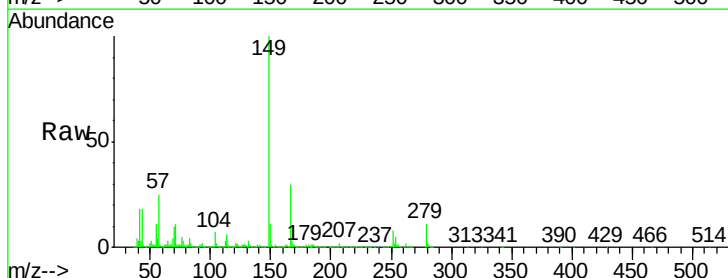
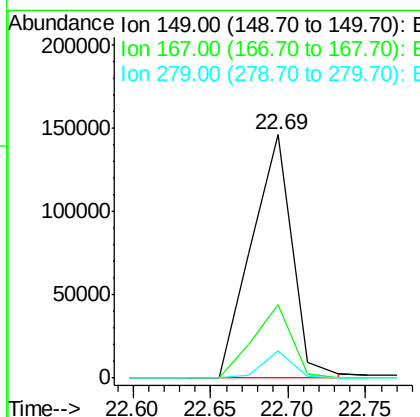
RT: 22.69 min Scan# 1022

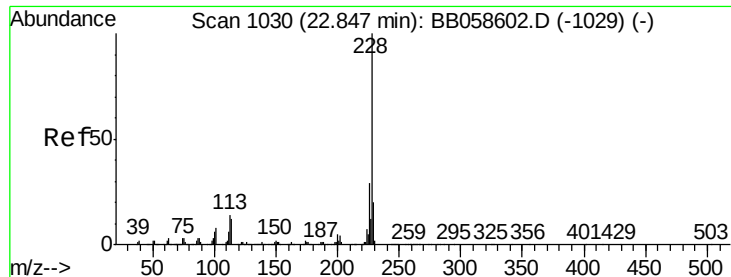
Delta R.T. 0.00 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Tgt Ion:	149	Resp:	267667
Ion Ratio	Lower	Upper	
149	100		
167	30.0	23.2	34.8
279	11.0	4.1	6.1#





#82

Chrysene

Concen: 3.55 ng/ul

RT: 22.83 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Instrument :

BNA_B

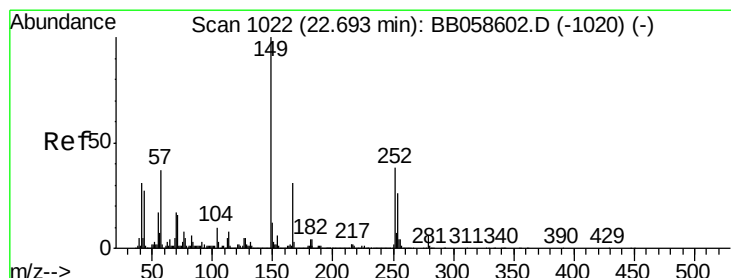
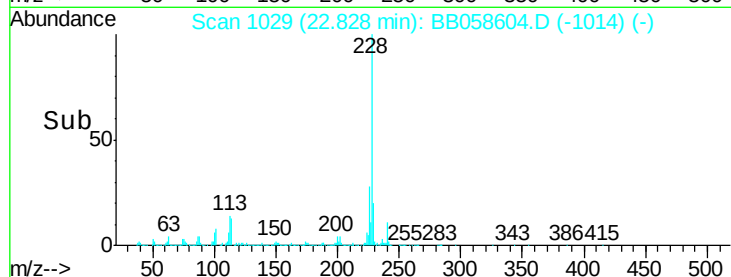
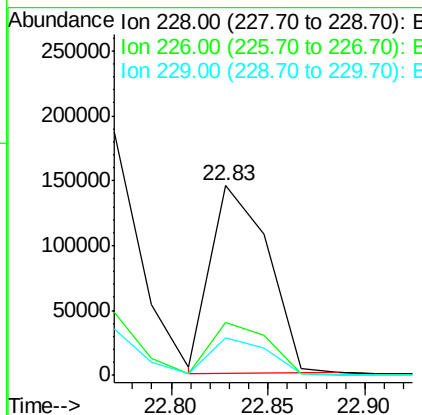
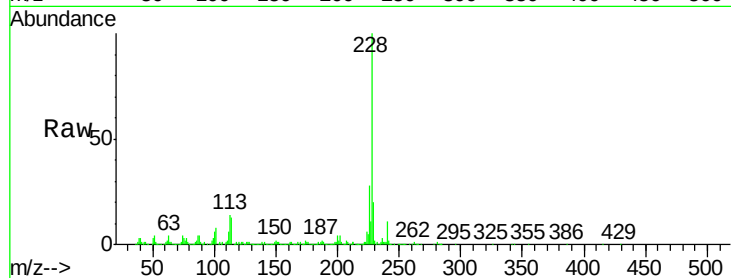
ClientSampled :

MDL-01-S

Tgt Ion:	228	Resp:	295082
Ion Ratio	Lower	Upper	
228	100		
226	28.0	23.4	35.2
229	19.5	15.5	23.3

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#84

Di-n-octyl phthalate

Concen: 3.61 ng/ul

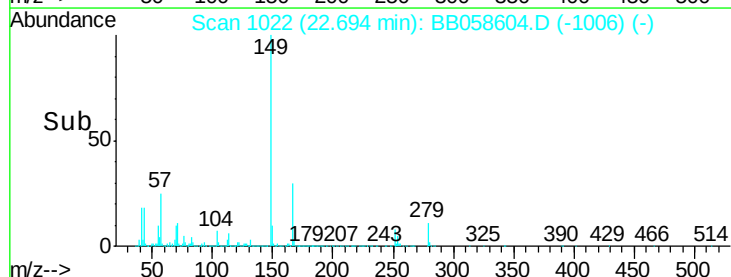
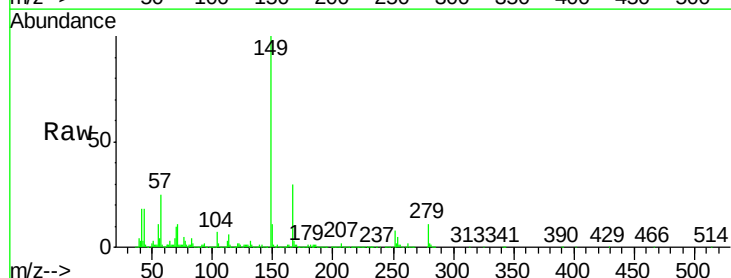
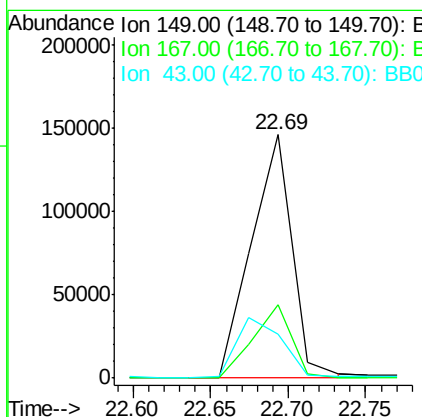
RT: 22.69 min Scan# 1022

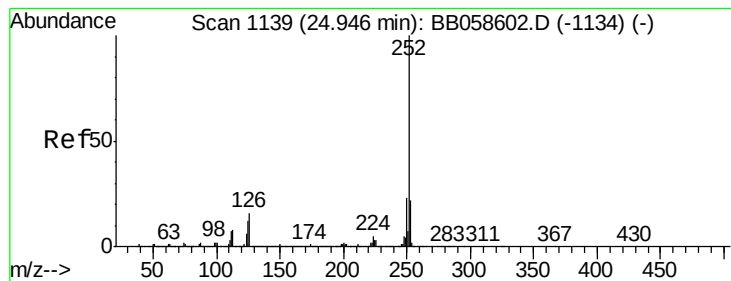
Delta R.T. 0.00 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Tgt Ion:	149	Resp:	267667
Ion Ratio	Lower	Upper	
149	100		
167	30.0	1.3	1.9#
43	18.1	6.6	10.0#





#85

Benzo(b)fluoranthene

Concen: 3.10 ng/ul m

RT: 24.91 min Scan# 1137

Delta R.T. -0.04 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Instrument :

BNA_B

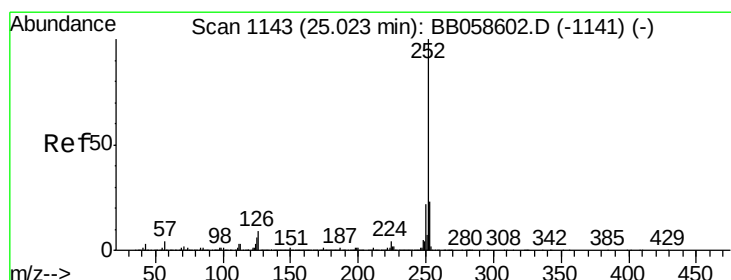
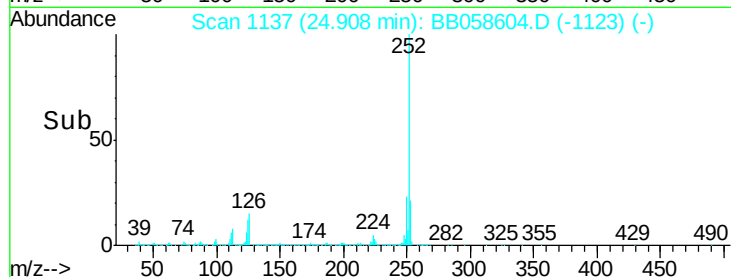
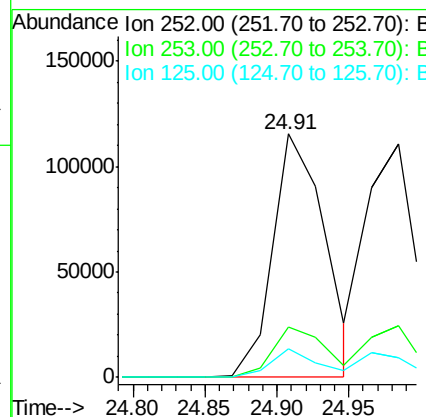
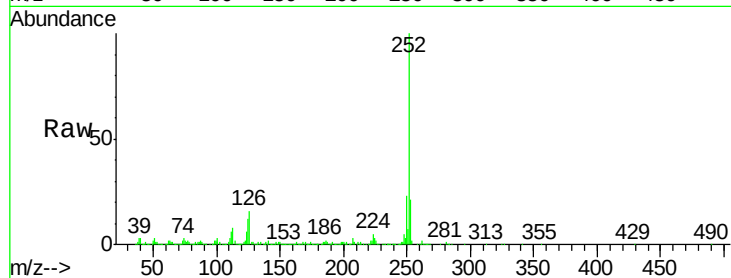
ClientSampleId :

MDL-01-S

Tgt Ion:	252	Resp:	291763
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.1	25.7
125	11.7	5.8	8.8#

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#86

Benzo(k)fluoranthene

Concen: 3.52 ng/ul

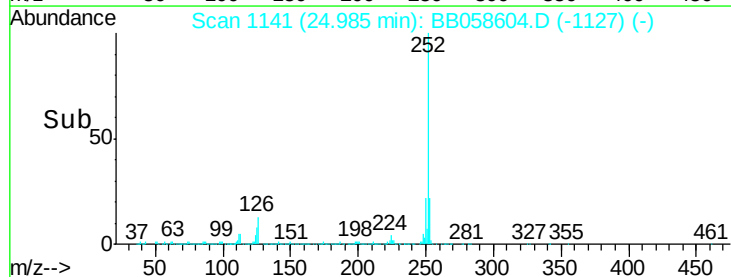
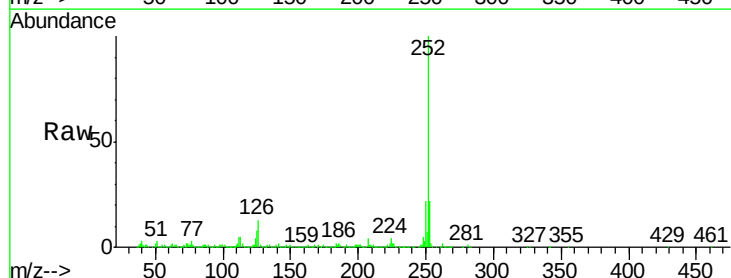
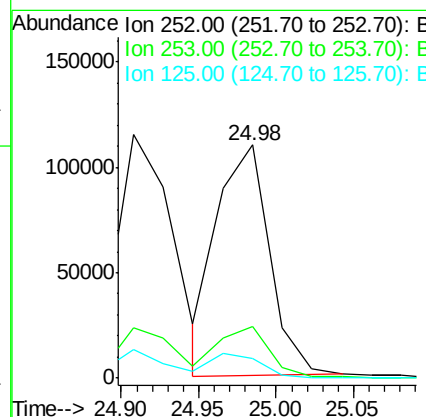
RT: 24.98 min Scan# 1141

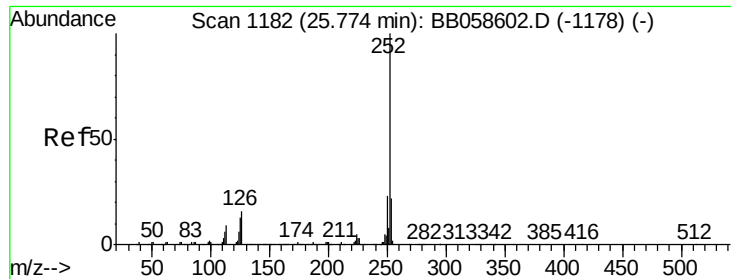
Delta R.T. -0.04 min

Lab File: BB058604.D

Acq: 11 Oct 2016 12:21

Tgt Ion:	252	Resp:	257257
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	8.2	5.7	8.5





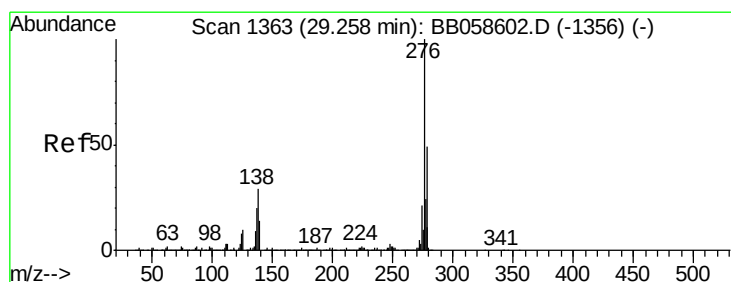
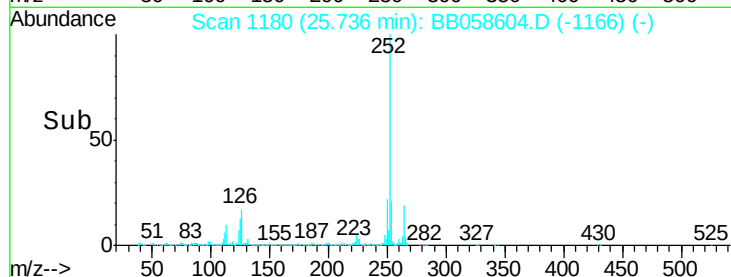
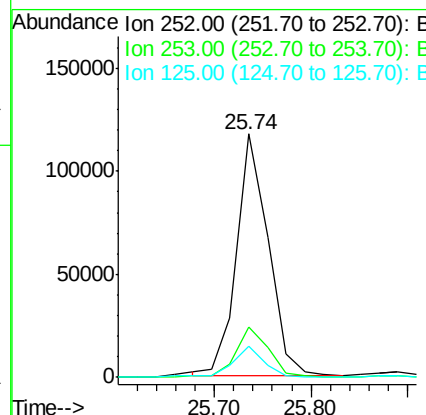
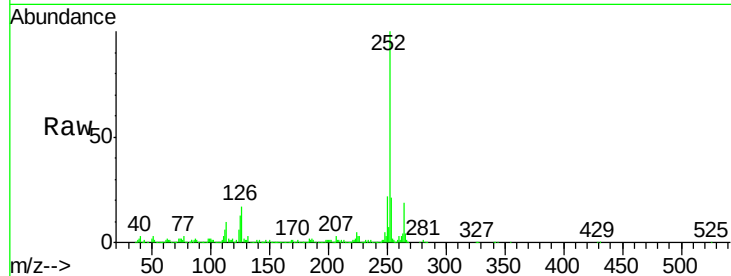
#88
Benzo(a)pyrene
Concen: 3.31 ng/ul
RT: 25.74 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	20.6	17.7	26.5
125	12.8	6.6	9.8#

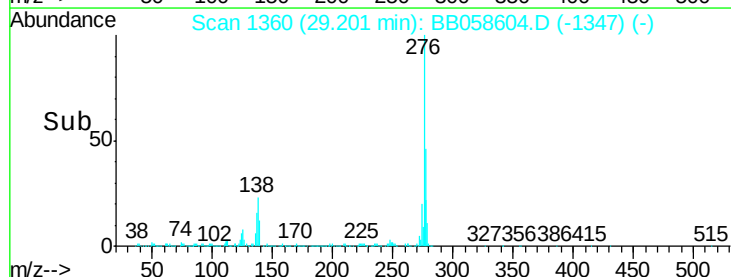
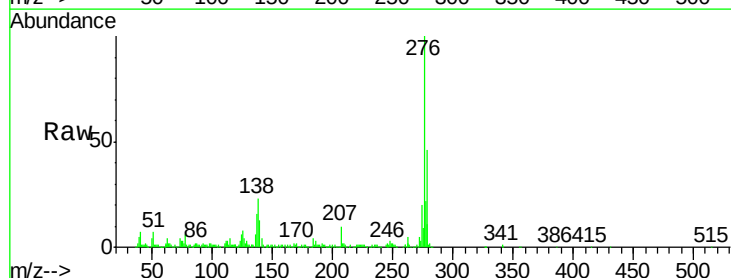
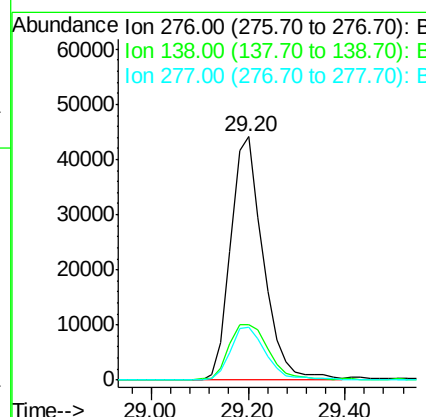
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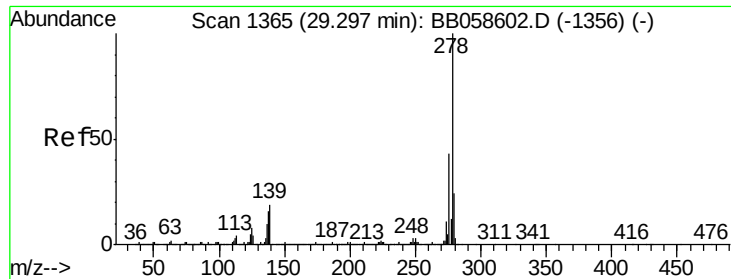
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.97 ng/ul
RT: 29.20 min Scan# 1360
Delta R.T. -0.06 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	22.8	13.9	20.9#
277	21.9	20.1	30.1





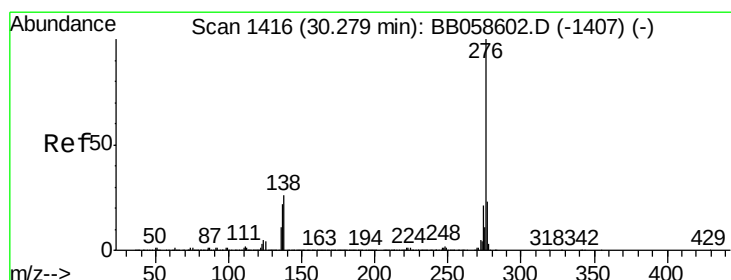
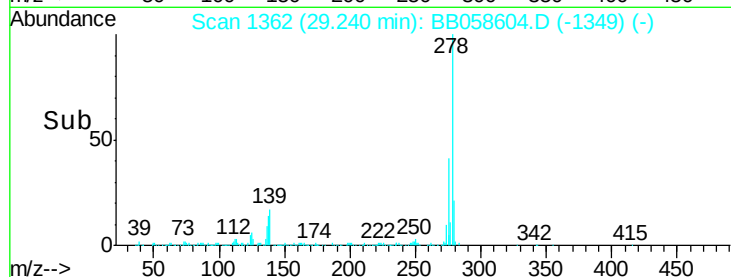
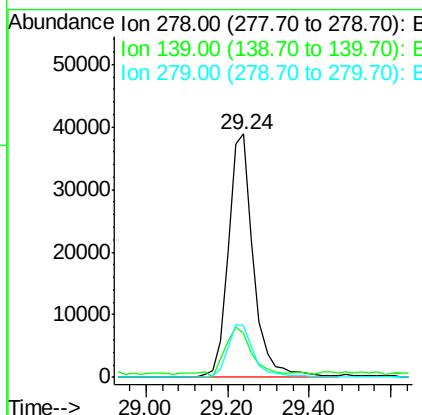
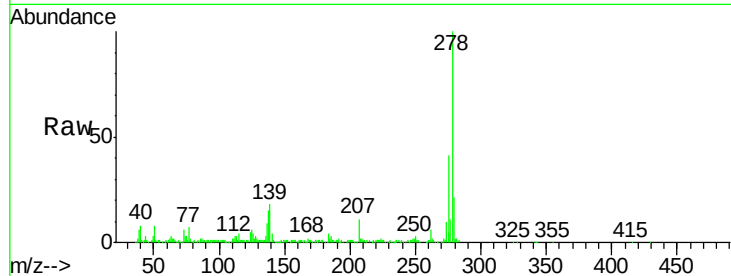
#90
Dibenzo(a,h)anthracene
Concen: 2.91 ng/ul
RT: 29.24 min Scan# 1362
Delta R.T. -0.06 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Instrument :
BNA_B
ClientSampled :
MDL-01-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	9.5	14.3#
279	21.4	19.1	28.7

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#91
Benzo(g,h,i)perylene
Concen: 3.09 ng/ul
RT: 30.20 min Scan# 1412
Delta R.T. -0.08 min
Lab File: BB058604.D
Acq: 11 Oct 2016 12:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	13.5	20.3#
277	22.7	19.3	28.9

