

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
 Data File : BM007268.D
 Acq On : 24 Aug 2016 00:43
 Operator : UM/SJ
 Sample : MDL-06-S-ML
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Manual Integrations
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 8/24/2016 4:15:38 PM

Quant Time: Aug 24 06:51:52 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 13:53:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	169230	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	856782	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	627045	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1731972	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2523395	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2822965	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	9532	2.88	ng/uL	0.00
5) Phenol-d5	6.97	99	393138	24.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	233378	27.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	306140	25.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	351233	25.19	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	169218	26.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	200556	27.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	360689	24.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	516465	28.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1534332	28.36	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1716283	27.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	277802	27.20	ng/ul	0.00
57) Fluorene-d10	15.43	176	1288122	27.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	275151	25.26	ng/ul	0.00
70) Anthracene-d10	17.27	188	2232841	27.60	ng/ul	0.00
76) Pyrene-d10	19.57	212	2840608	26.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3589239	27.60	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.35	88	2200	0.60	ng/uL#	75
4) Benzaldehyde	6.95	77	26185	2.88	ng/ul	93
6) Phenol	6.99	94	34062	2.05	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.23	93	28865	2.50	ng/ul	96
10) 2-Chlorophenol	7.37	128	26548	2.19	ng/ul	93
11) 2-Methylphenol	8.24	108	26544	2.05	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	30102	2.32	ng/ul#	94
14) Acetophenone	8.62	105	49520	2.32	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	26204	2.31	ng/ul	93
16) 4-Methylphenol	8.56	108	30383	2.09	ng/ul	96
17) Hexachloroethane	8.87	117	10555	2.24	ng/ul	88
20) Nitrobenzene	9.00	77	38125	2.36	ng/ul	97
21) Isophorone	9.52	82	73507	2.23	ng/ul	99
23) 2-Nitrophenol	9.70	139	18501	2.32	ng/ul#	91
24) 2,4-Dimethylphenol	9.76	107	39513	2.24	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.00	93	40916	2.21	ng/ul	96
27) 2,4-Dichlorophenol	10.23	162	30519	2.10	ng/ul#	85
28) Naphthalene	10.63	128	96354	2.26	ng/ul	99
30) 4-Chloroaniline	10.75	127	43356	2.31	ng/ul	96
31) Hexachlorobutadiene	10.92	225	23667	2.41	ng/ul	98
32) Caprolactam	11.53	113	12617m	2.16	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	36142	2.01	ng/ul	97
34) 2-Methylnaphthalene	12.24	142	77204	2.21	ng/ul	96

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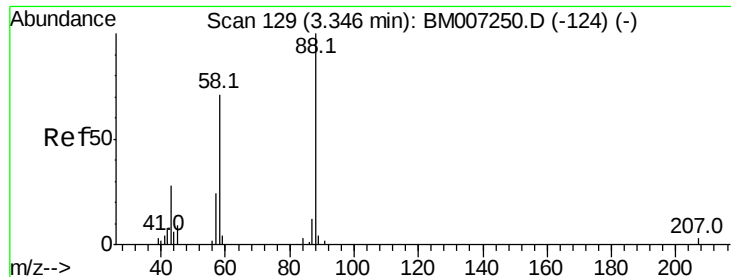
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	47496	2.27	ng/ul	96
37) Hexachlorocyclopentadiene	12.60	237	23301	1.85	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	29383	1.99	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	31145	2.02	ng/ul	96
40) 1,1'-Biphenyl	13.26	154	113271	2.33	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	84183	2.21	ng/ul	97
42) 2-Nitroaniline	13.51	65	24447	1.96	ng/ul	94
44) Dimethylphthalate	13.89	163	129365	2.40	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	22361	2.03	ng/ul#	87
47) Acenaphthylene	14.15	152	147191	2.28	ng/ul	97
48) 3-Nitroaniline	14.34	138	23139	2.06	ng/ul	94
49) Acenaphthene	14.49	153	98052	2.34	ng/ul	95
50) 2,4-Dinitrophenol	14.54	184	9594	1.28	ng/ul	97
52) 4-Nitrophenol	14.64	109	26141	2.41	ng/ul	94
53) Dibenzofuran	14.83	168	146126	2.33	ng/ul	96
54) 2,4-Dinitrotoluene	14.80	165	37344	2.21	ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	15.06	232	33864	2.14	ng/ul	98
56) Diethylphthalate	15.26	149	133757	2.38	ng/ul	98
58) Fluorene	15.48	166	124766	2.41	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	65325	2.41	ng/ul	93
60) 4-Nitroaniline	15.50	138	29436m	2.31	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.56	198	25427	2.19	ng/ul#	39
64) N-Nitrosodiphenylamine	15.69	169	109668	2.27	ng/ul	97
65) 4-Bromophenyl-phenylether	16.37	248	45538	2.33	ng/ul	92
66) Hexachlorobenzene	16.48	284	50252	2.29	ng/ul	94
67) Atrazine	16.63	200	44919	2.20	ng/ul	95
68) Pentachlorophenol	16.83	266	22829	1.62	ng/ul	87
69) Phenanthrene	17.22	178	216787	2.33	ng/ul	99
71) Anthracene	17.31	178	224931	2.34	ng/ul	99
72) Carbazole	17.58	167	196084	2.35	ng/ul	99
73) Di-n-butylphthalate	18.14	149	226767	2.16	ng/ul	99
74) Fluoranthene	19.23	202	294181	2.52	ng/ul	99
77) Pyrene	19.59	202	321839	2.38	ng/ul	97
78) Butylbenzylphthalate	20.49	149	107734	1.91	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.27	252	113622	2.27	ng/ul	98
80) Benzo(a)anthracene	21.34	228	357564	2.40	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	168234	2.06	ng/ul	99
82) Chrysene	21.39	228	333513	2.48	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	299449	2.13	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	401527	2.41	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	374936	2.43	ng/ul	98
88) Benzo(a)pyrene	23.53	252	398389	2.49	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	473710	2.42	ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	399713	2.45	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	396235	2.38	ng/ul	98

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



#2

1,4-Dioxane

Concen: 0.60 ng/uL

RT: 3.35 min Scan# 130

Delta R.T. 0.01 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Instrument :

BNA_M

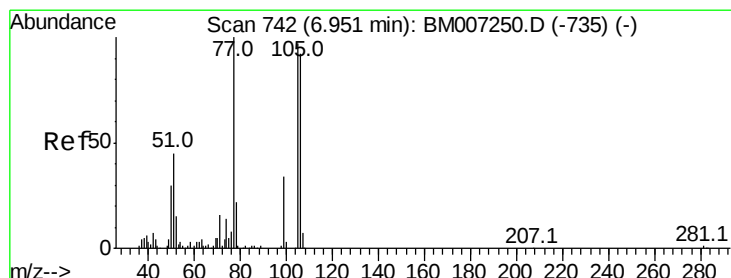
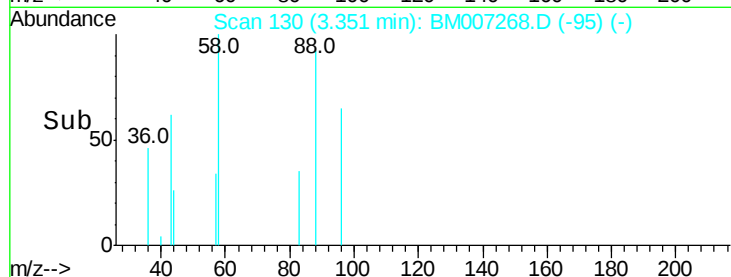
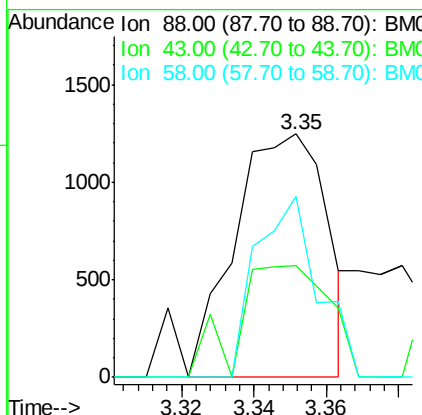
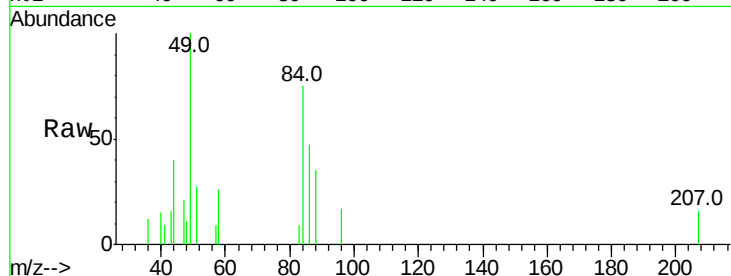
ClientSampleId :

MDL-06-S-ML

Tot Ion:	88	Resp:	2200
Ion	Ratio	Lower	Upper
88	100		
43	40.5	22.6	34.0#
58	50.0	57.3	85.9#

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#4

Benzaldehyde

Concen: 2.88 ng/uL

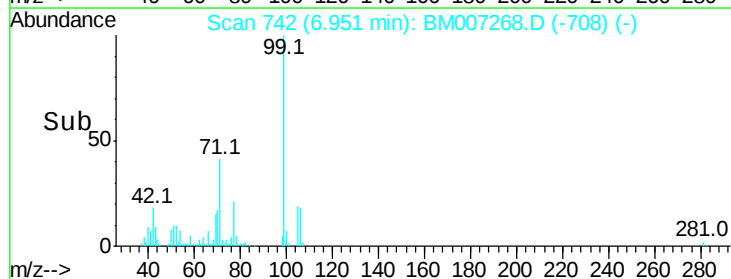
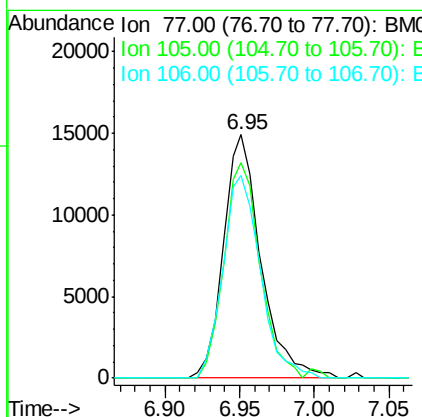
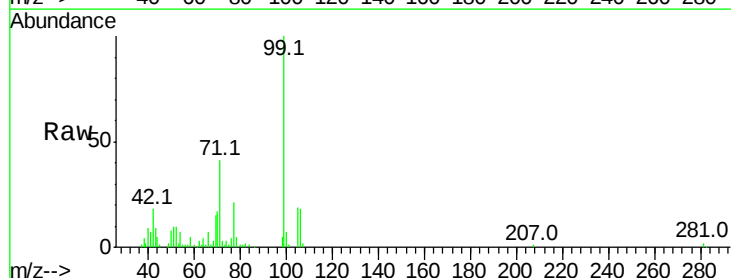
RT: 6.95 min Scan# 742

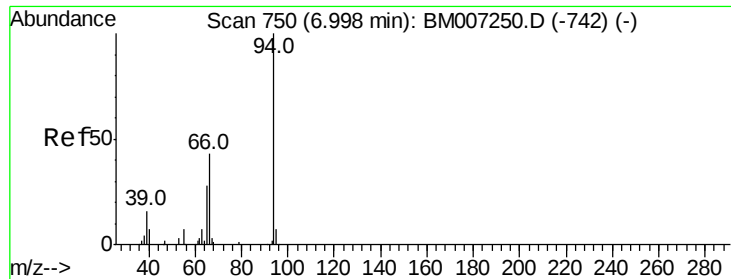
Delta R.T. -0.00 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Tgt Ion:	77	Resp:	26185
Ion	Ratio	Lower	Upper
77	100		
105	88.6	76.9	115.3
106	83.0	71.8	107.8





#6

Phenol

Concen: 2.05 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Instrument :

BNA_M

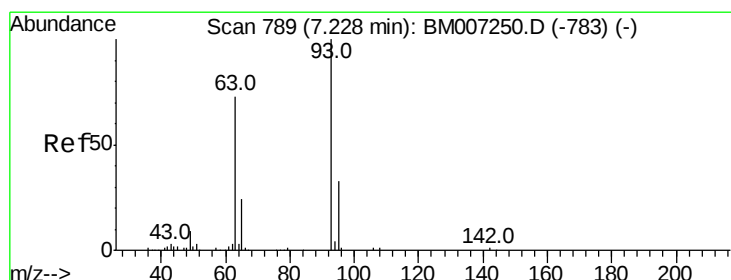
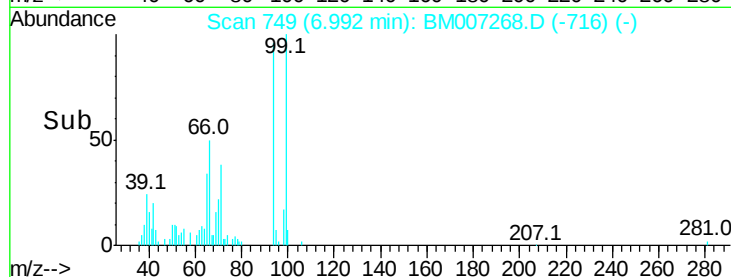
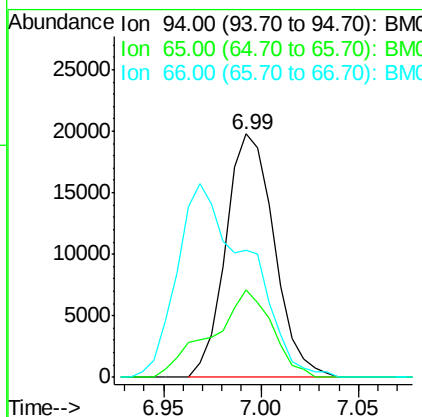
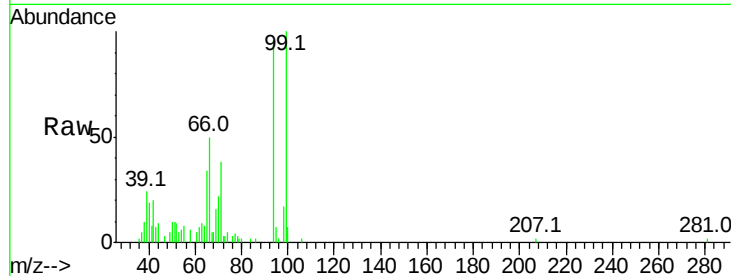
ClientSampled :

MDL-06-S-ML

Tot Ion:	94	Resp:	34062
Ion Ratio	Lower	Upper	
94	100		
65	36.0	23.9	35.9#
66	52.0	33.5	50.3#

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#8

Bis(2-Chloroethyl)ether

Concen: 2.50 ng/ul

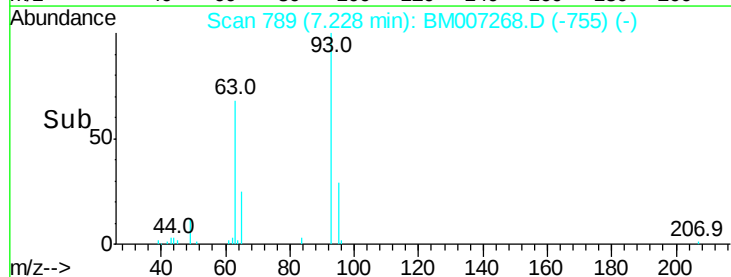
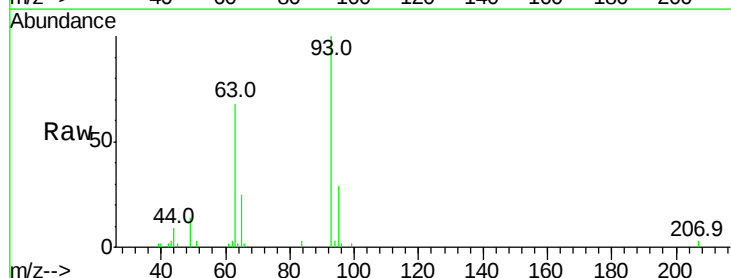
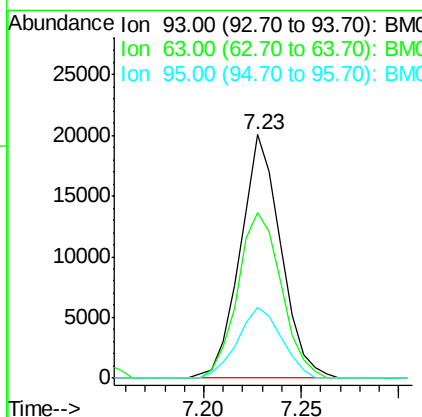
RT: 7.23 min Scan# 789

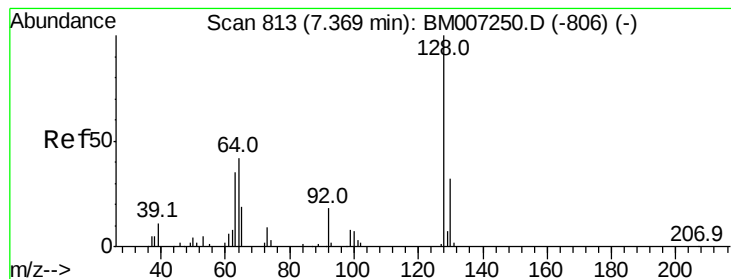
Delta R.T. -0.00 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Tgt Ion:	93	Resp:	28865
Ion Ratio	Lower	Upper	
93	100		
63	68.0	57.3	85.9
95	29.0	25.1	37.7





#10

2-Chlorophenol

Concen: 2.19 ng/ul

RT: 7.37 min Scan# 813

Delta R.T. -0.00 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Instrument :

BNA_M

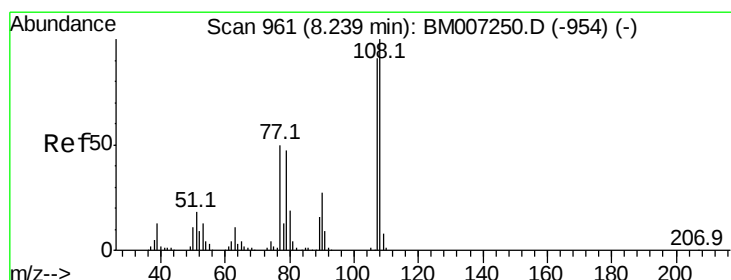
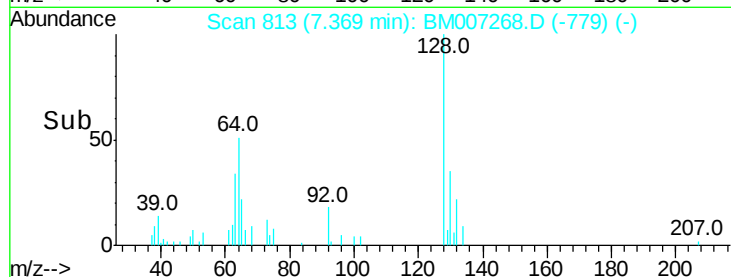
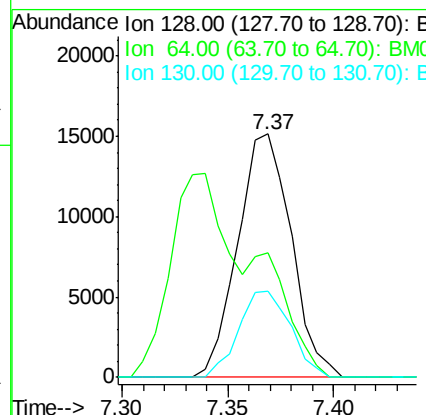
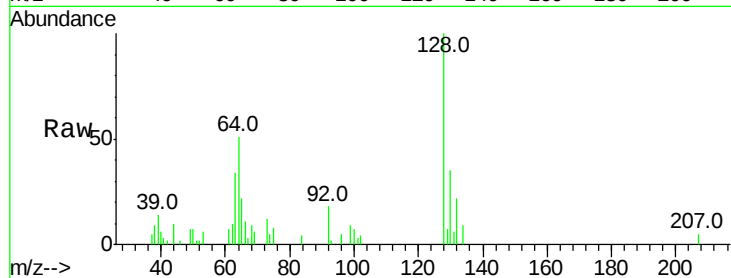
ClientSampleId :

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Tot Ion:	128	Resp:	26548
Ion Ratio	Lower	Upper	
128	100		
64	51.0	37.5	56.3
130	35.3	25.0	37.4

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#11

2-Methylphenol

Concen: 2.05 ng/ul

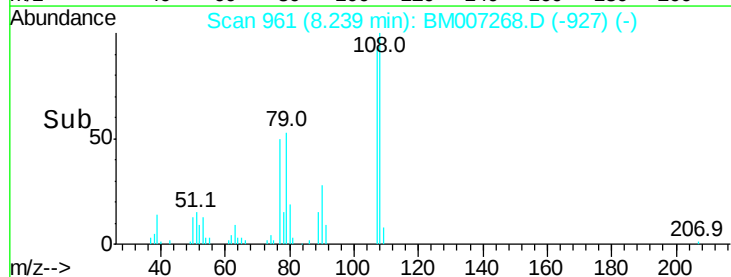
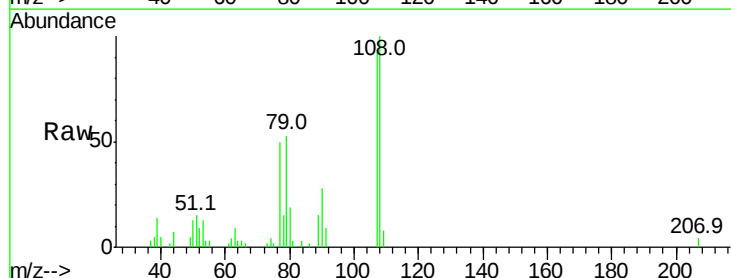
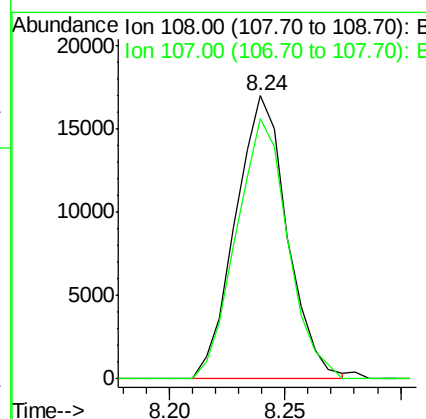
RT: 8.24 min Scan# 961

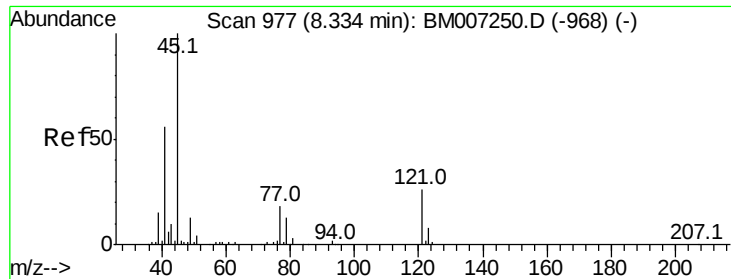
Delta R.T. -0.00 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Tgt Ion:	108	Resp:	26544
Ion Ratio	Lower	Upper	
108	100		
107	92.0	71.8	107.6





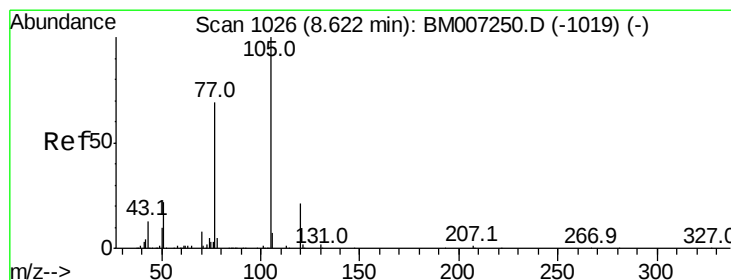
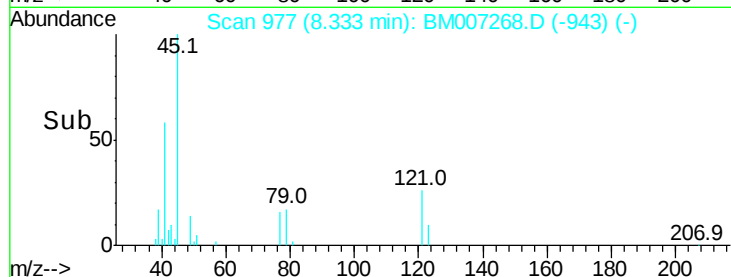
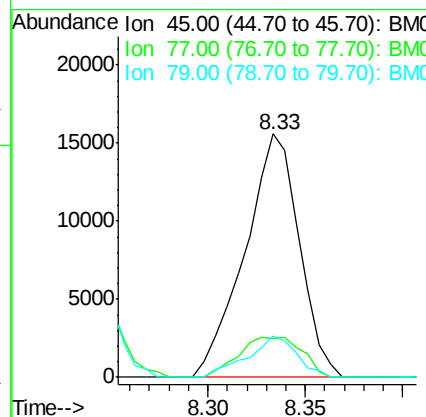
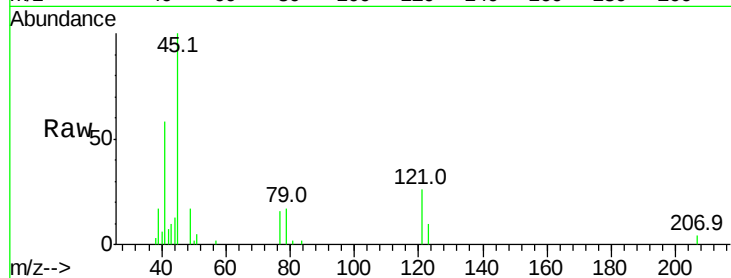
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 2.32 ng/ul
RT: 8.33 min Scan# 977
Delta R.T. -0.00 min
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Tot Ion	Ratio	Lower	Upper
45	100		
77	16.2	14.1	21.1
79	16.8	10.4	15.6

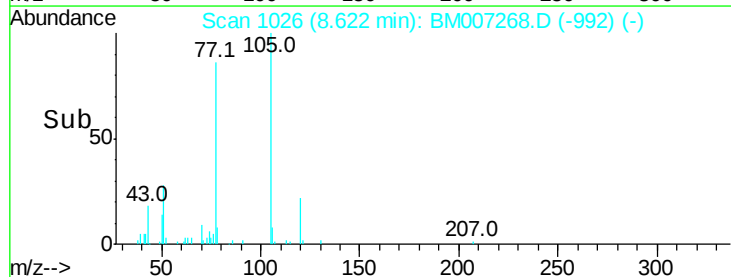
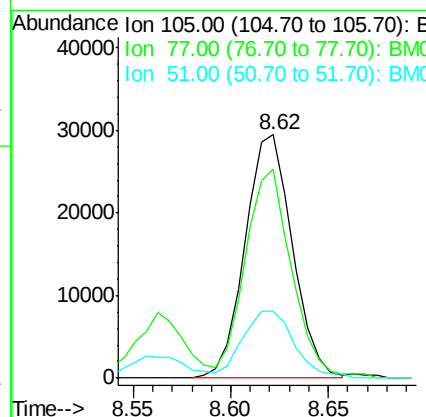
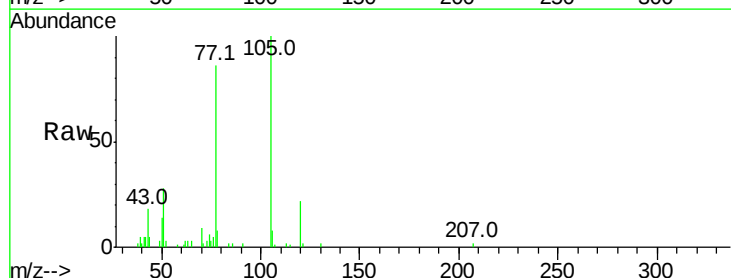
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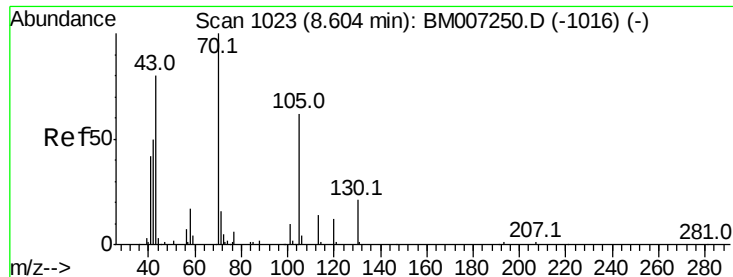
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#14
Acetophenone
Concen: 2.32 ng/ul
RT: 8.62 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Tgt Ion	Ratio	Lower	Upper
105	100		
77	86.0	65.9	98.9
51	27.5	22.2	33.2





#15

N-Nitroso-di-n-propylamine

Concen: 2.31 ng/ul

RT: 8.60 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Instrument :

BNA_M

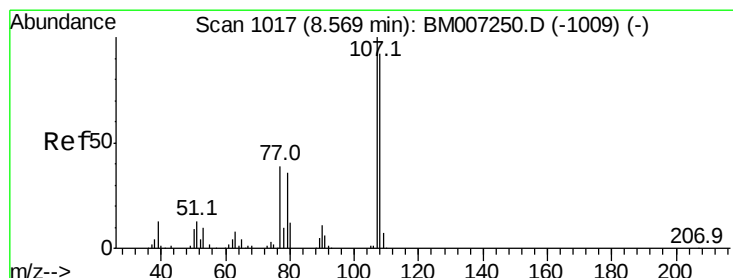
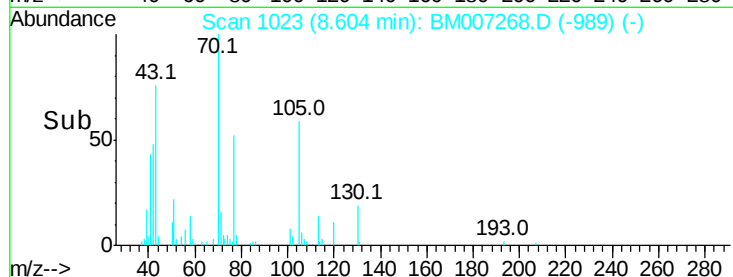
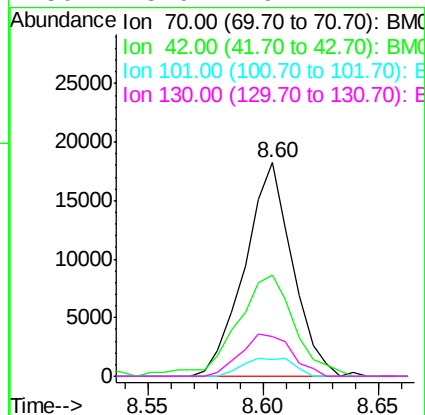
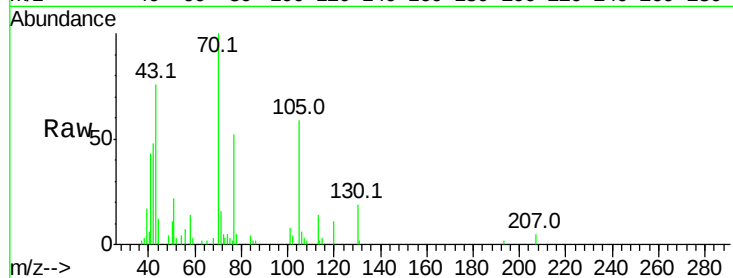
ClientSampled :

MDL-06-S-ML

Tot Ion:	70	Resp:	26204
Ion Ratio	Lower	Upper	
70	100		
42	47.5	43.4	65.2
101	8.1	7.8	11.6
130	18.9	16.2	24.4

Manual Integrations
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#16

4-Methylphenol

Concen: 2.09 ng/ul

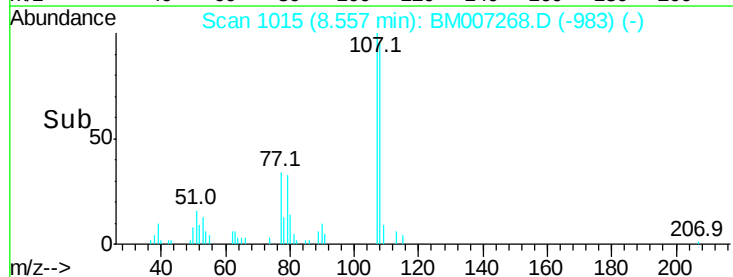
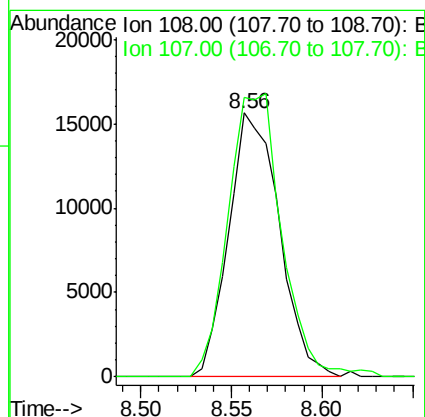
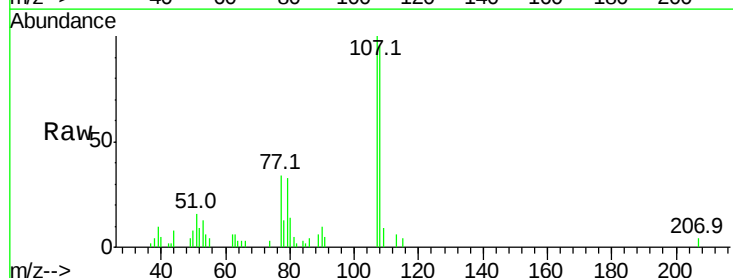
RT: 8.56 min Scan# 1015

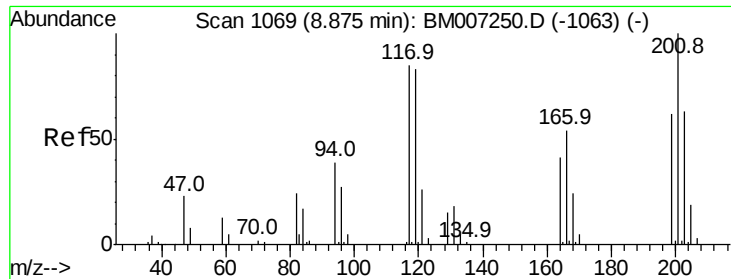
Delta R.T. -0.01 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Tgt Ion:	108	Resp:	30383
Ion Ratio	Lower	Upper	
108	100		
107	105.7	87.8	131.8





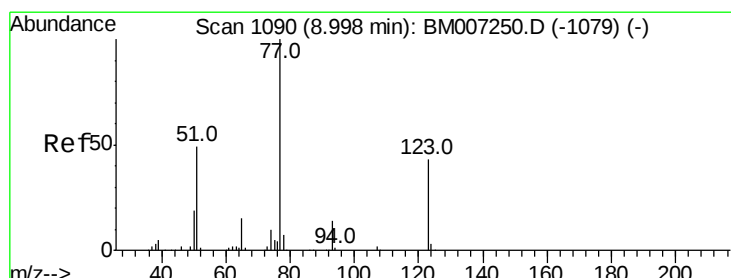
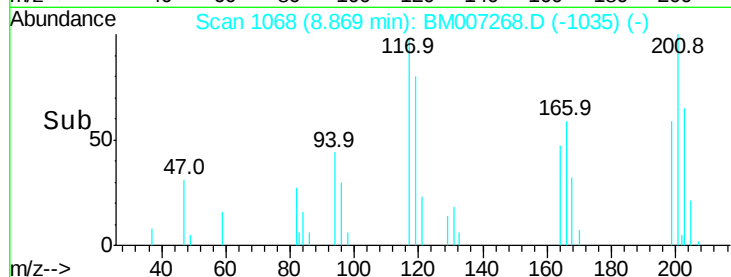
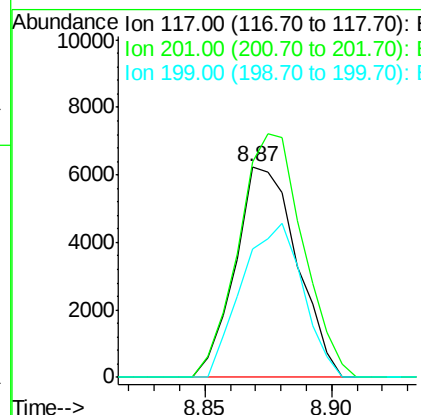
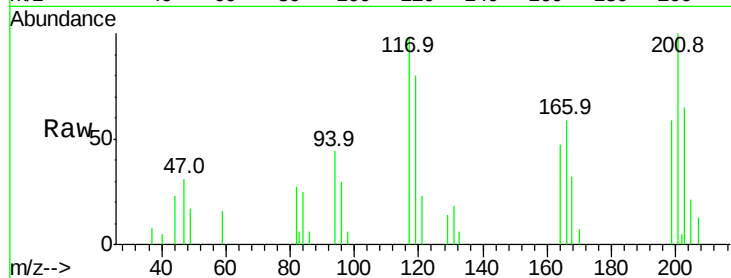
#17
 Hexachloroethane
 Concen: 2.24 ng/ul
 RT: 8.87 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BM007268.D
 Acq: 24 Aug 2016 00:43

Instrument :
 BNA_M
 ClientSampled :
 MDL-06-S-ML

Tot Ion:	117	Resp:	10555
Ion Ratio	Lower	Upper	
117	100		
201	102.5	90.3	135.5
199	60.7	58.5	87.7

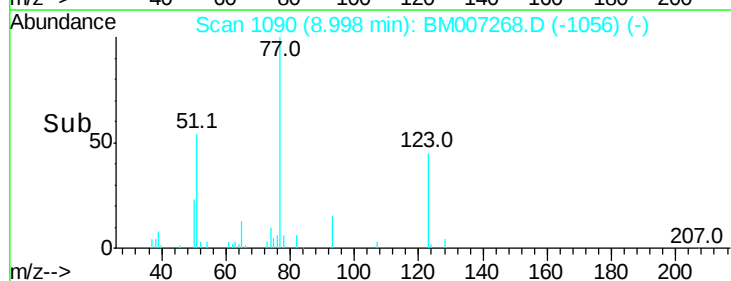
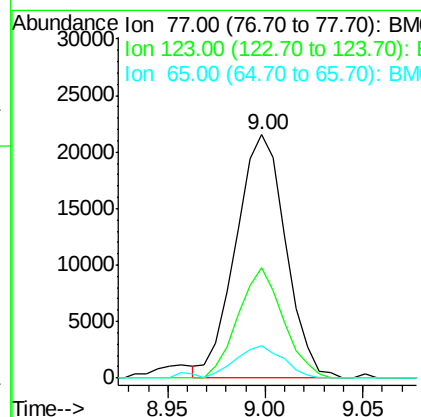
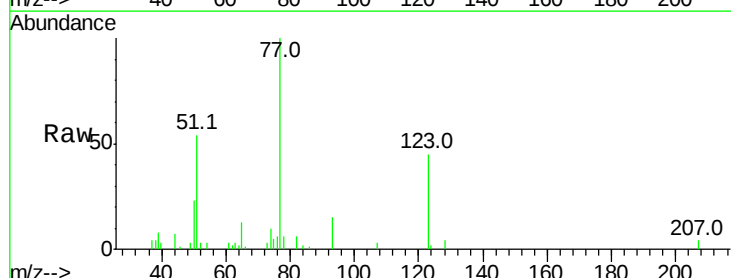
Manual Integrations
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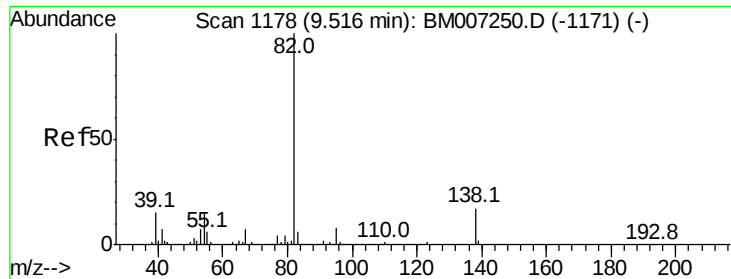
sohil
 8/24/2016 4:15:38 PM



#20
 Nitrobenzene
 Concen: 2.36 ng/ul
 RT: 9.00 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BM007268.D
 Acq: 24 Aug 2016 00:43

Tgt Ion:	77	Resp:	38125
Ion Ratio	Lower	Upper	
77	100		
123	45.4	34.2	51.4
65	13.3	11.0	16.6





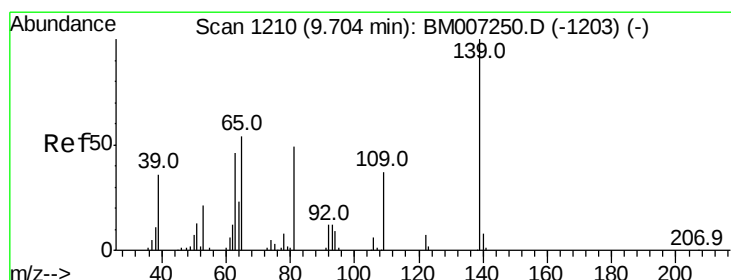
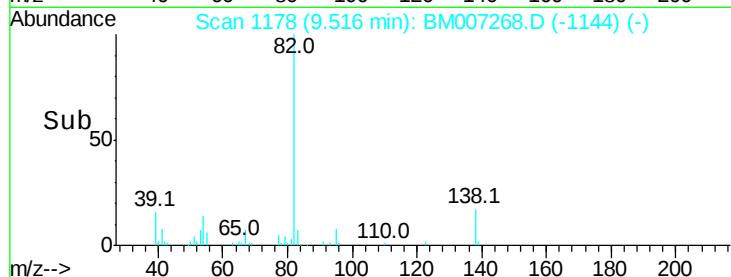
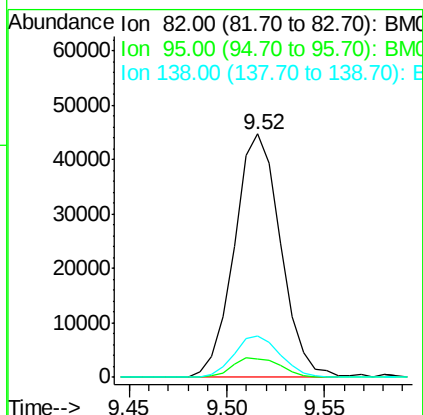
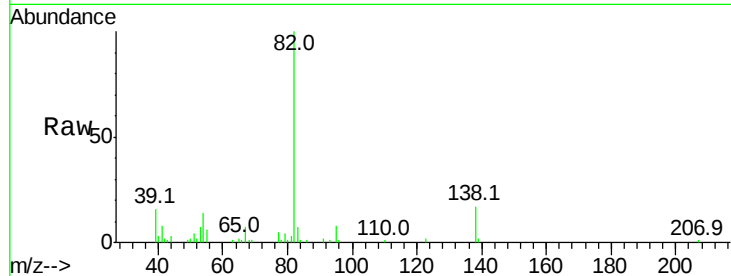
#21
Isophorone
Concen: 2.23 ng/ul
RT: 9.52 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.9	10.3
138	17.1	13.8	20.8

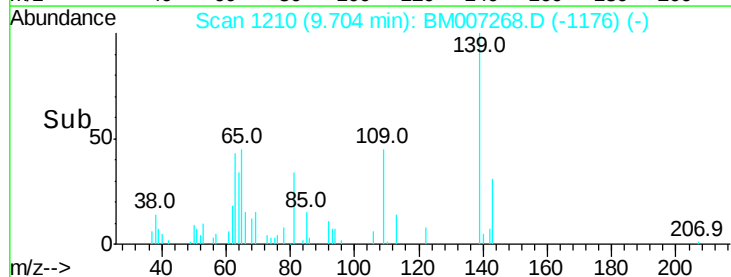
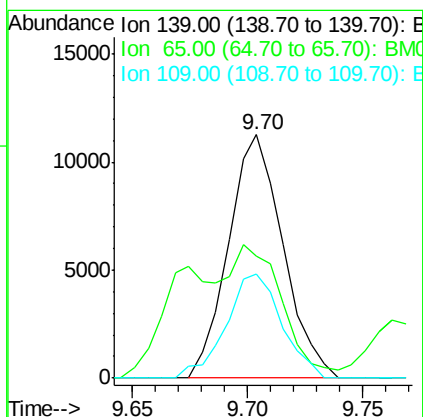
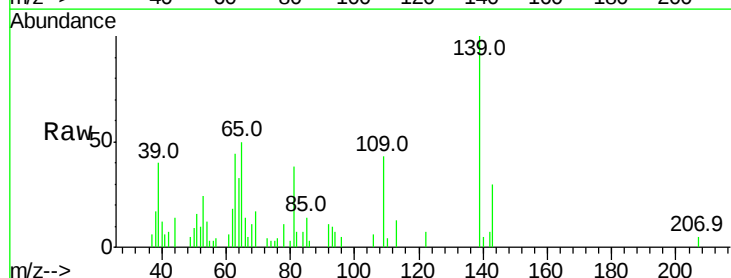
Manual Integrations
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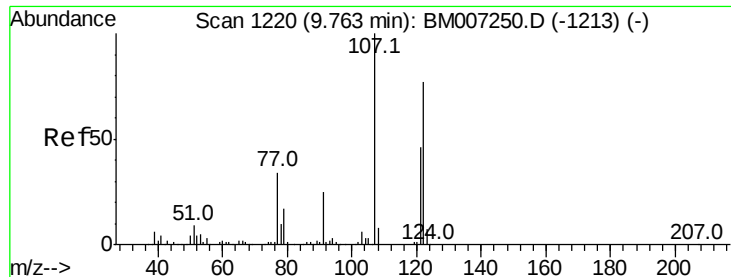
sohil
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#23
2-Nitrophenol
Concen: 2.32 ng/ul
RT: 9.70 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Tgt Ion	Ratio	Lower	Upper
139	100		
65	50.3	44.2	66.4
109	43.0	28.2	42.4





#24

2,4-Dimethylphenol

Concen: 2.24 ng/ul

RT: 9.76 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Instrument :

BNA_M

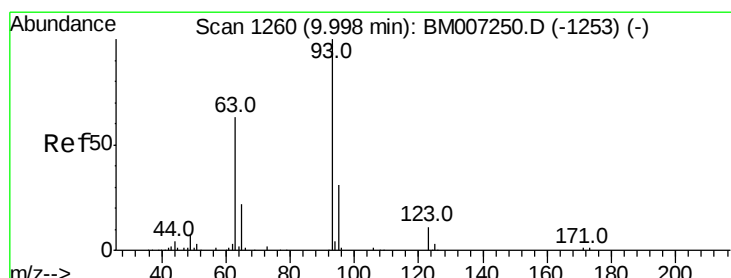
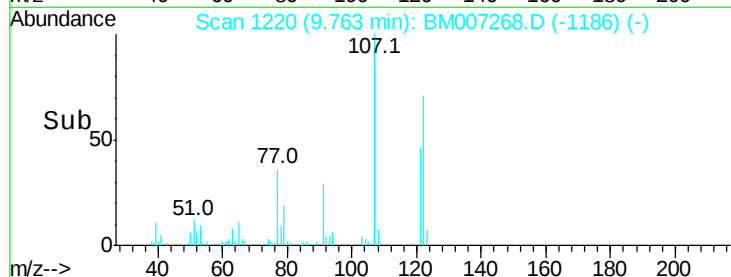
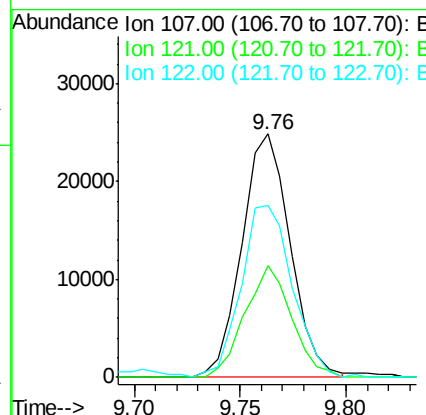
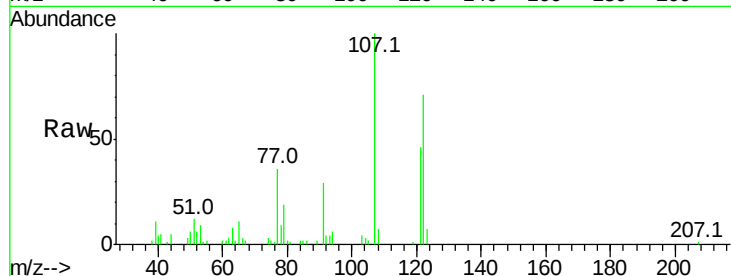
ClientSampleId :

MDL-06-S-ML

Tot Ion:	107	Resp:	39513
Ion Ratio	Lower	Upper	
107	100		
121	46.1	37.1	55.7
122	70.5	62.8	94.2

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#25

Bis(2-Chloroethoxy)methane

Concen: 2.21 ng/ul

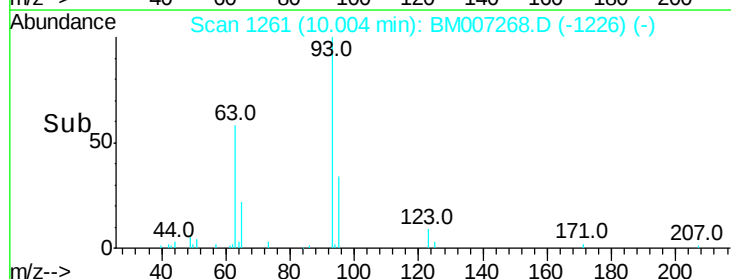
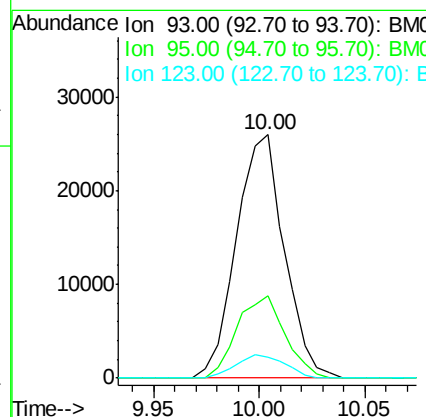
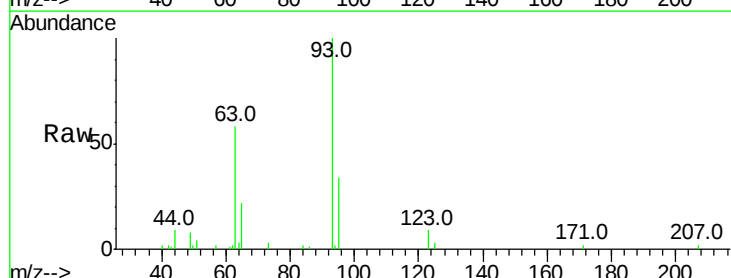
RT: 10.00 min Scan# 1261

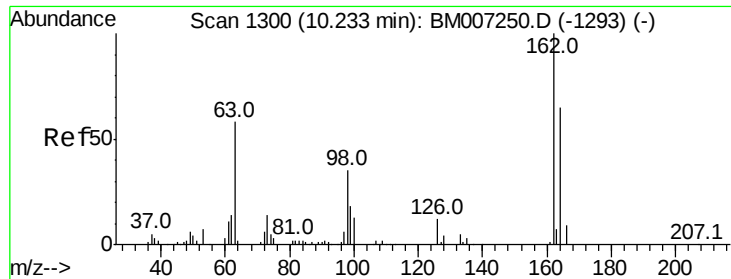
Delta R.T. 0.01 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Tgt Ion:	93	Resp:	40916
Ion Ratio	Lower	Upper	
93	100		
95	33.7	25.4	38.0
123	8.7	8.3	12.5





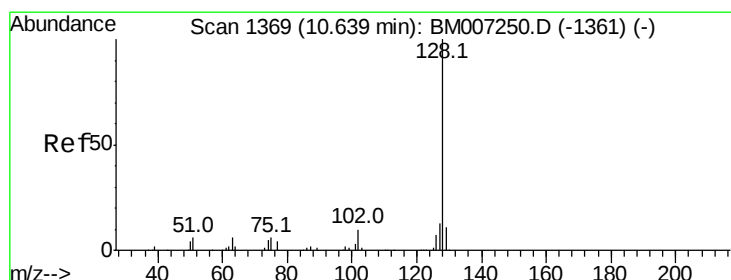
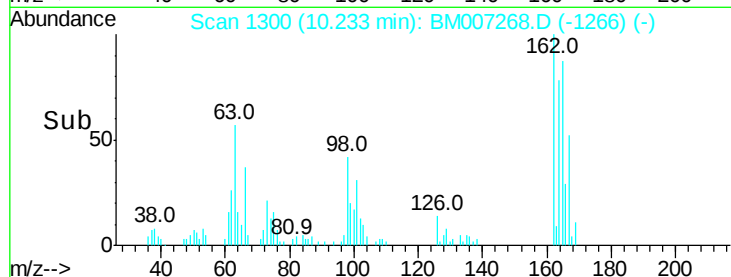
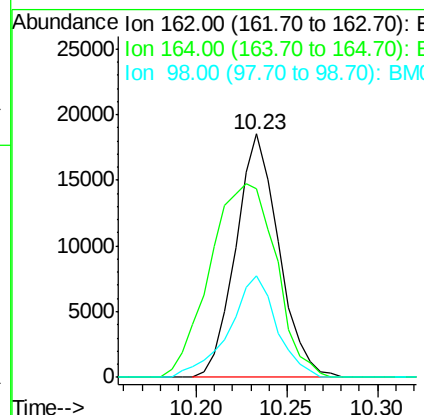
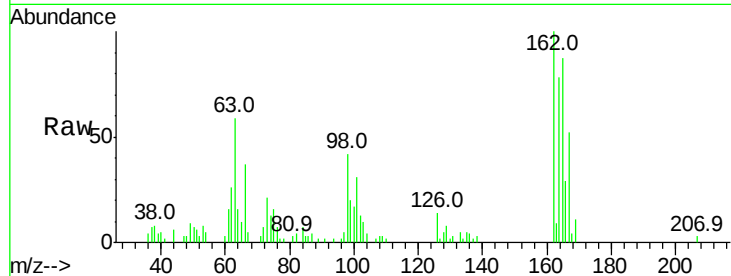
#27
 2,4-Dichlorophenol
 Concen: 2.10 ng/ul
 RT: 10.23 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BM007268.D
 Acq: 24 Aug 2016 00:43

Instrument :
 BNA_M
 ClientSampled :
 MDL-06-S-ML

Tot Ion	Ratio	Resp	Lower	Upper
162	100	30519		
164	77.7	51.6	77.4#	
98	41.6	28.4	42.6	

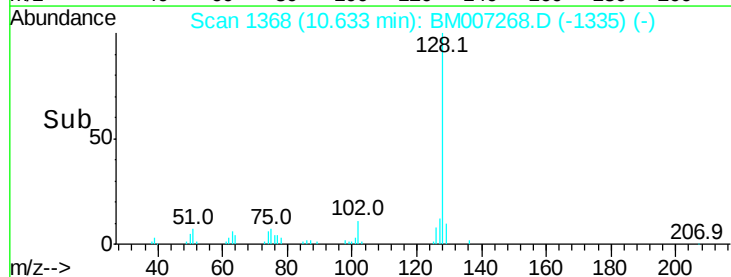
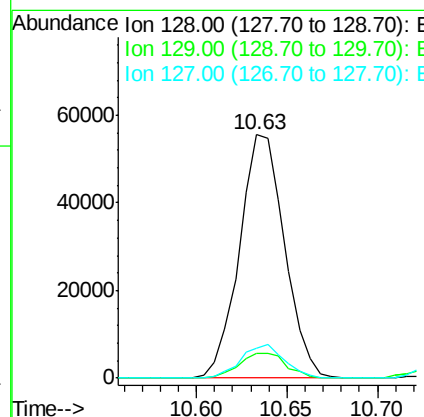
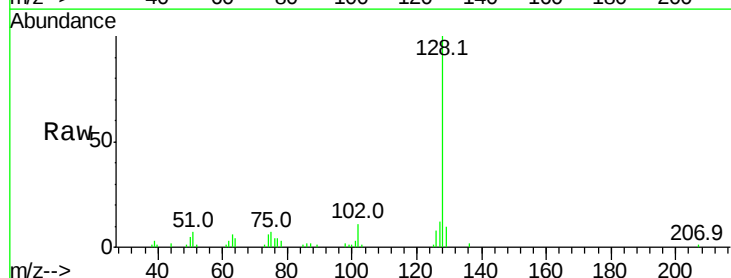
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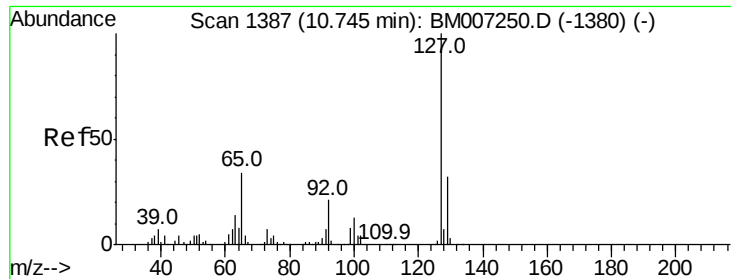
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#28
 Naphthalene
 Concen: 2.26 ng/ul
 RT: 10.63 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BM007268.D
 Acq: 24 Aug 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	96354		
129	10.4	8.6	12.8	
127	12.4	10.6	15.8	





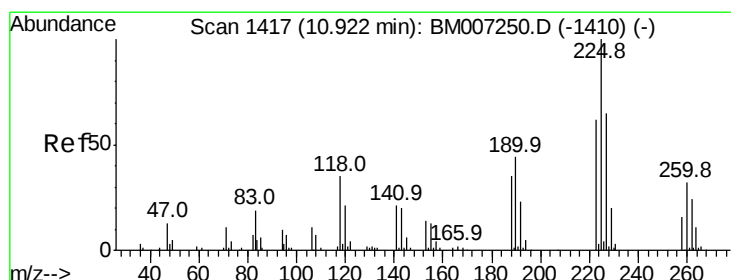
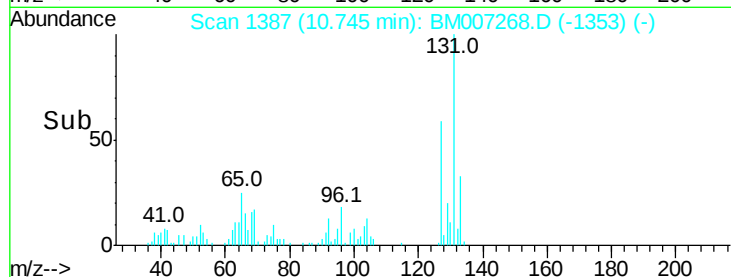
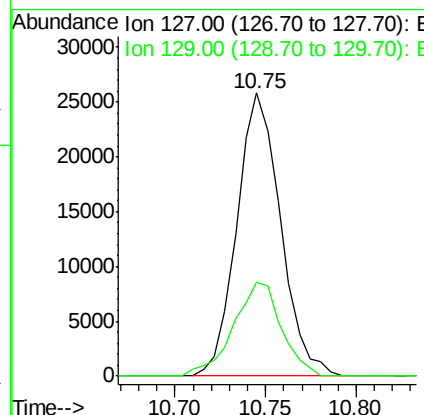
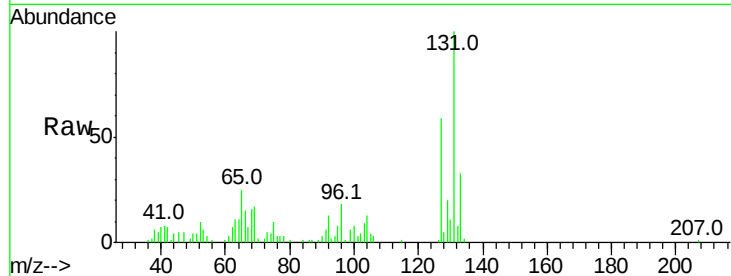
#30
4-Chloroaniline
Concen: 2.31 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	24.6	37.0

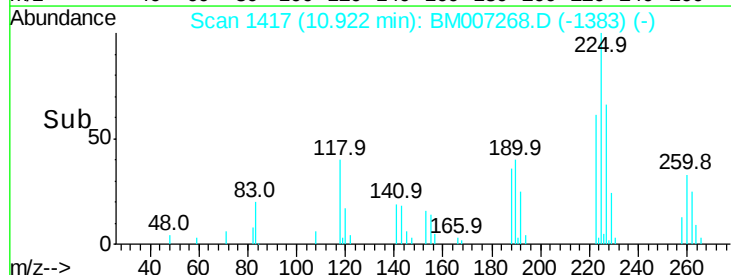
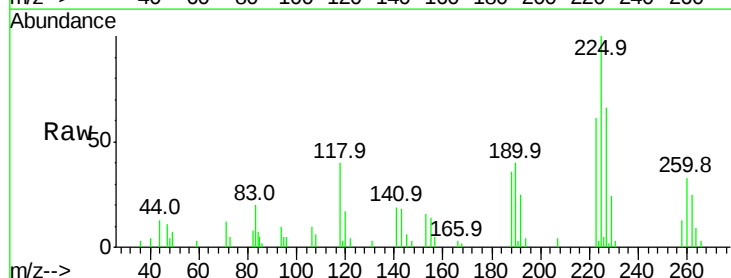
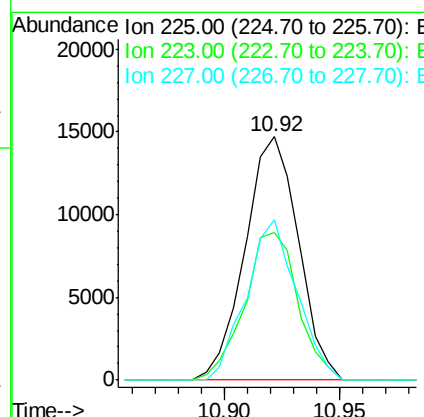
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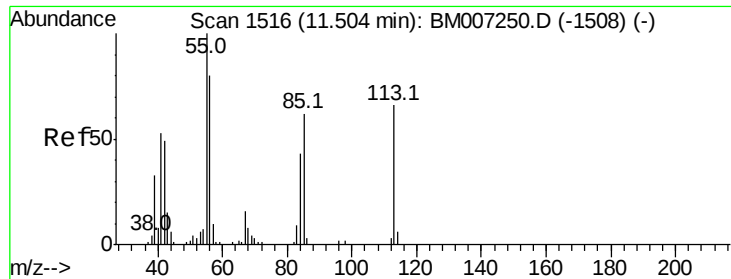
sohil
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#31
Hexachlorobutadiene
Concen: 2.41 ng/ul
RT: 10.92 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	51.2	76.8
227	66.0	52.5	78.7





#32

Caprolactam

Concen: 2.16 ng/ul m

RT: 11.53 min Scan# 1521

Delta R.T. 0.03 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Instrument :

BNA_M

ClientSampleId :

MDL-06-S-ML

Tot Ion:113 Resp: 12617

Ion Ratio Lower Upper

113 100

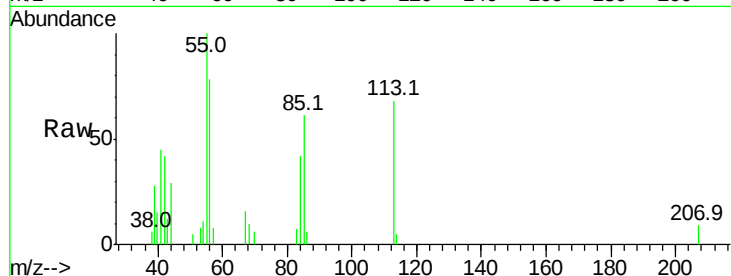
55 148.0 121.9 182.9

56 114.8 97.4 146.0

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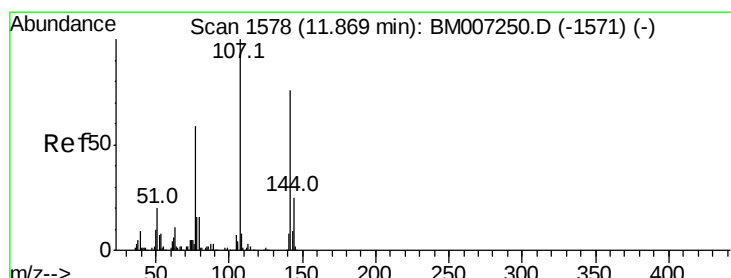
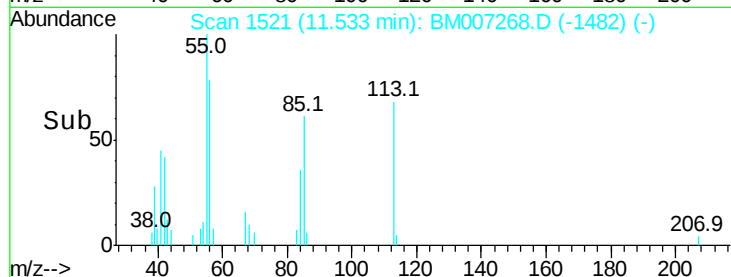
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

11.53

Time-->



#33

4-Chloro-3-methylphenol

Concen: 2.01 ng/ul

RT: 11.87 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

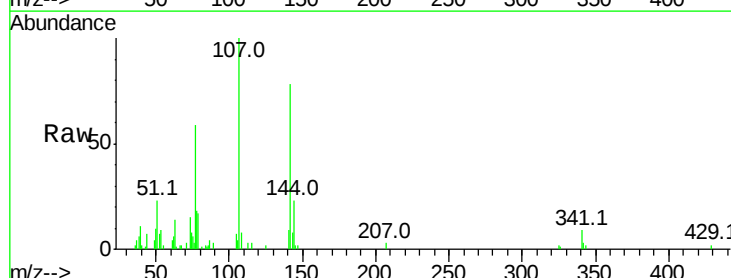
Tgt Ion:107 Resp: 36142

Ion Ratio Lower Upper

107 100

144 23.4 21.1 31.7

142 78.0 64.1 96.1



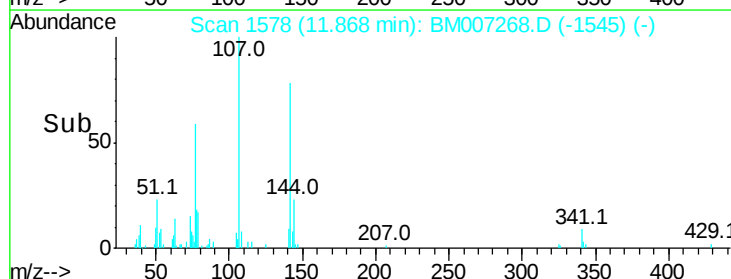
Abundance Ion 107.00 (106.70 to 107.70): E

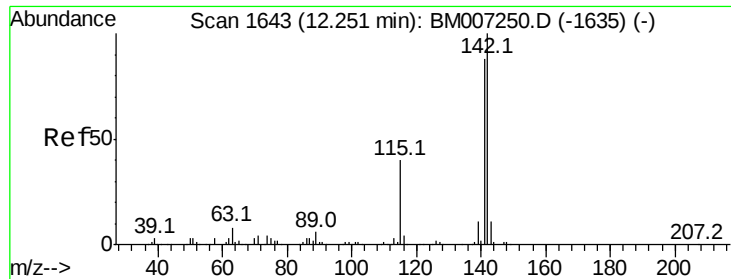
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

11.87

Time-->





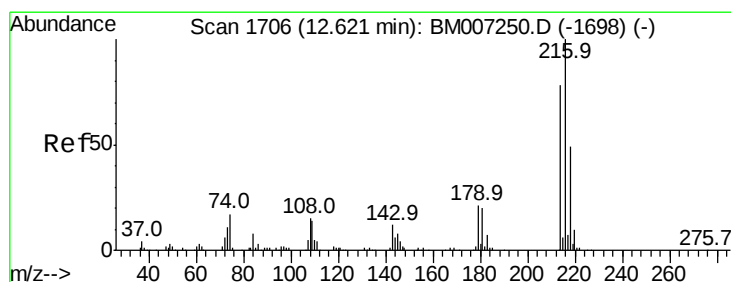
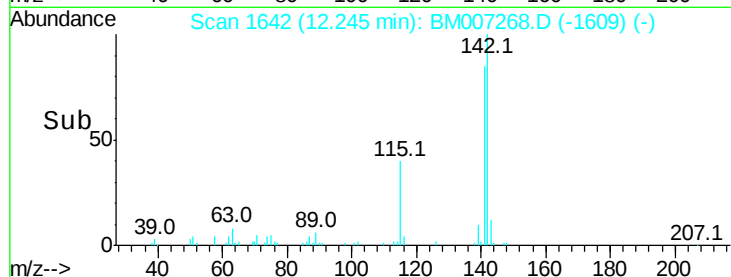
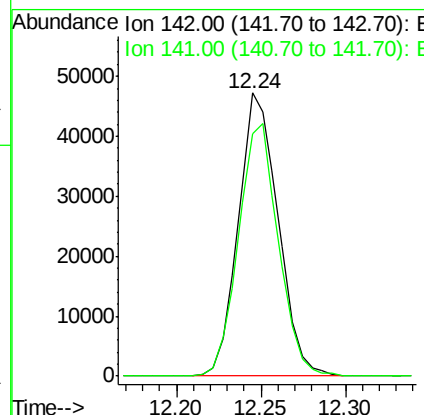
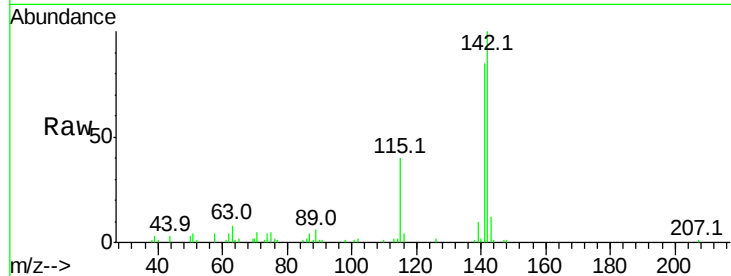
#34
2-Methylnaphthalene
Concen: 2.21 ng/ul
RT: 12.24 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Instrument :
BNA_M
ClientSampled :
MDL-06-S-ML

Tot Ion:142 Resp: 77204
Ion Ratio Lower Upper
142 100
141 85.4 71.3 106.9

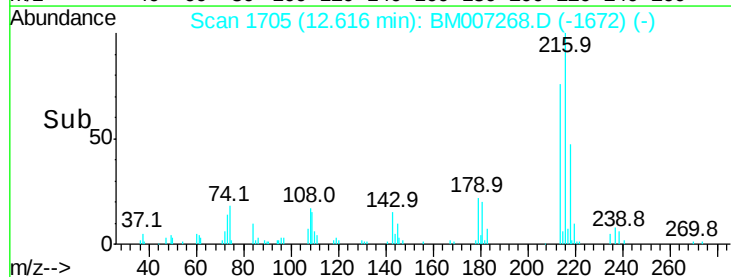
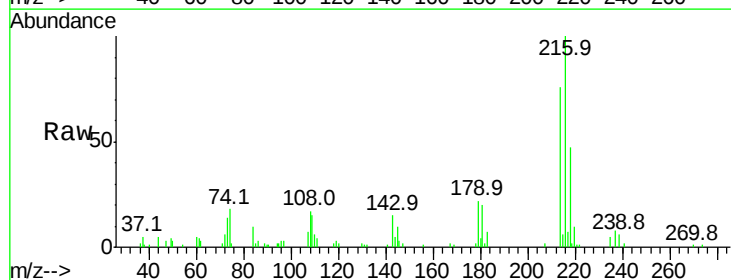
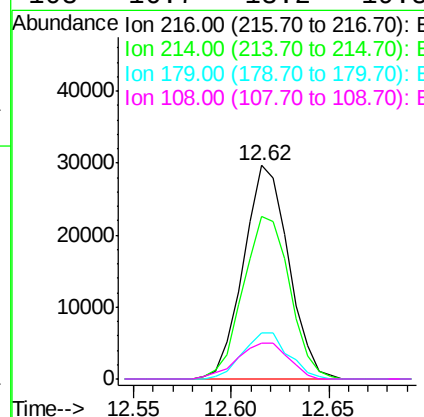
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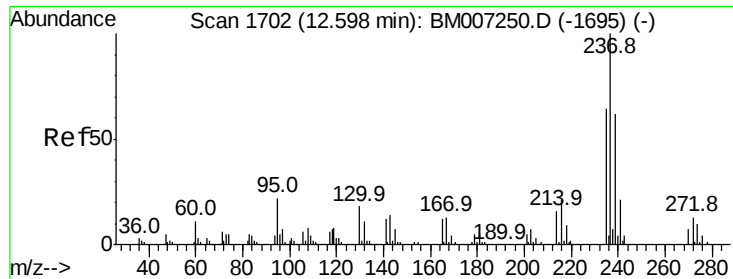
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 2.27 ng/ul
RT: 12.62 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Tgt Ion:216 Resp: 47496
Ion Ratio Lower Upper
216 100
214 76.4 64.8 97.2
179 21.5 16.7 25.1
108 16.7 13.2 19.8





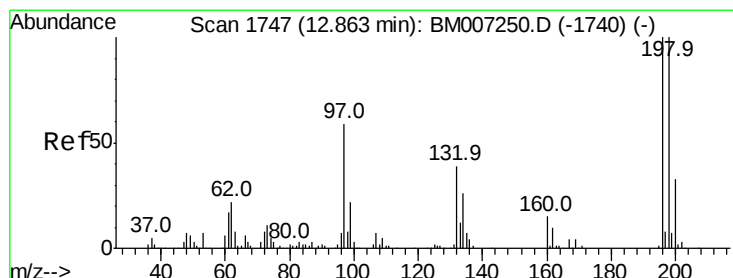
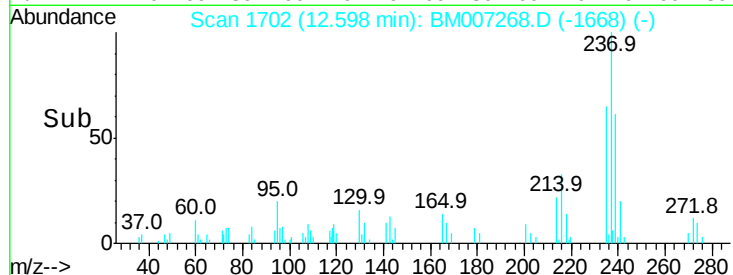
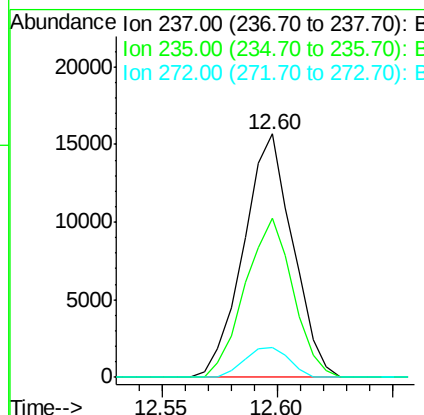
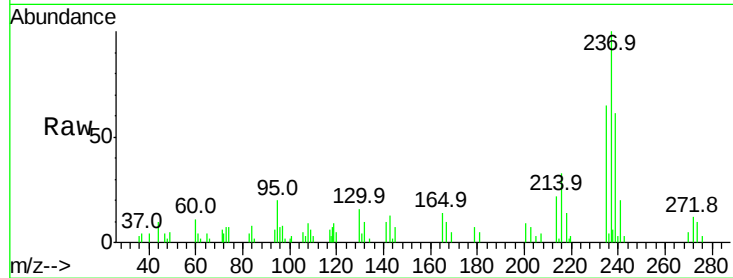
#37
Hexachlorocyclopentadiene
Concen: 1.85 ng/ul
RT: 12.60 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tot Ion	Ratio	Resp	Lower	Upper
237	100	23301		
235	61.2	49.6	74.4	
272	11.6	10.4	15.6	

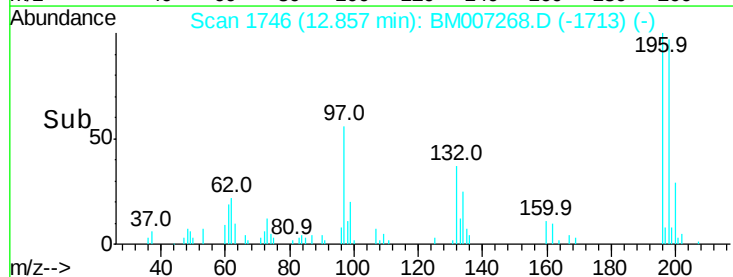
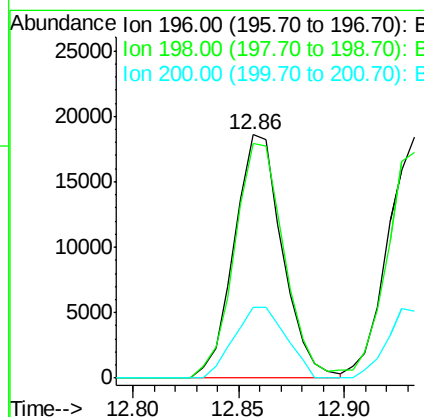
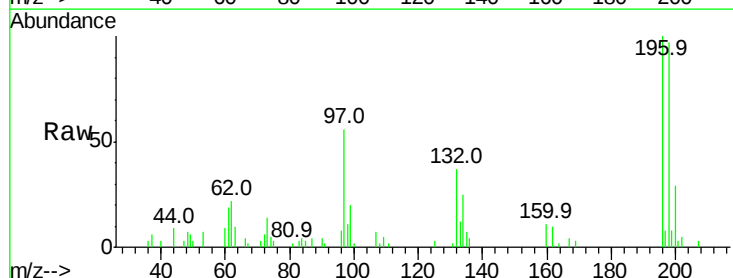
Manual Integrations
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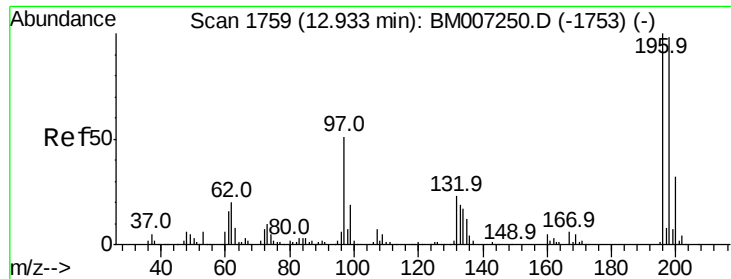
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#38
2,4,6-Trichlorophenol
Concen: 1.99 ng/ul
RT: 12.86 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	29383		
198	96.6	76.9	115.3	
200	29.1	25.1	37.7	





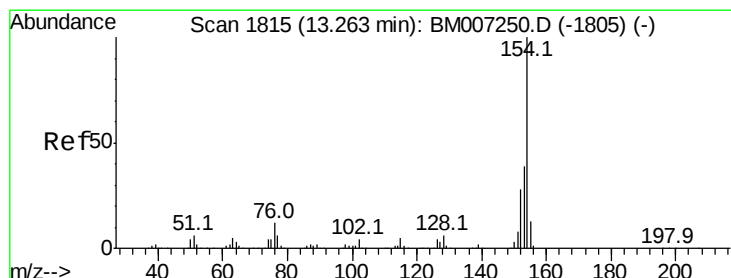
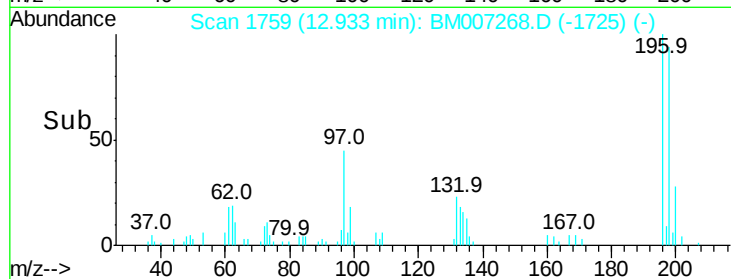
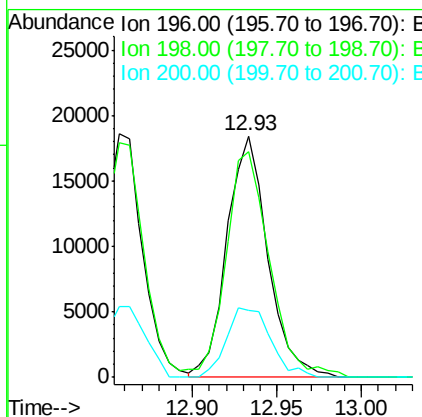
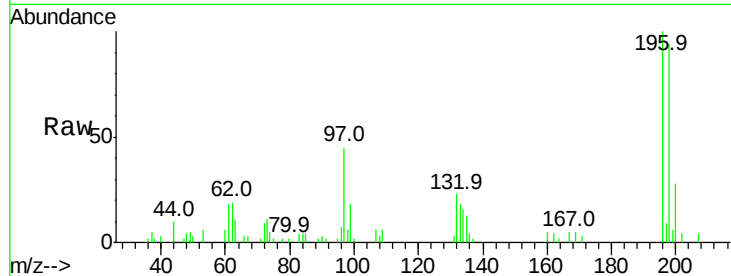
#39
 2,4,5-Trichlorophenol
 Concen: 2.02 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BM007268.D
 Acq: 24 Aug 2016 00:43

Instrument :
 BNA_M
 ClientSampled :
 MDL-06-S-ML

Tot Ion	Ratio	Resp	Lower	Upper
196	100	31145		
198	93.7	76.8	115.2	
200	27.8	27.0	40.4	

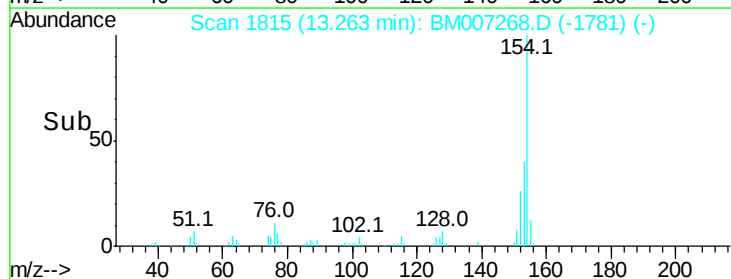
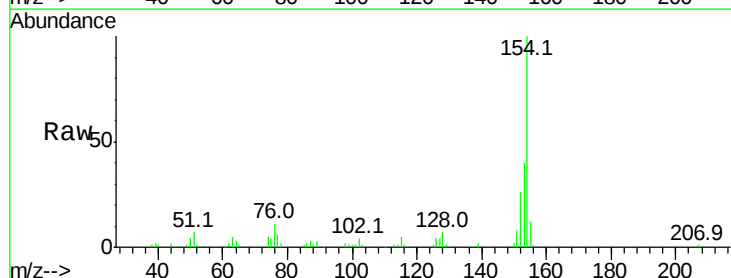
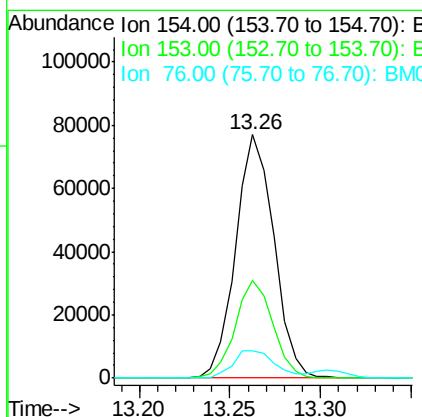
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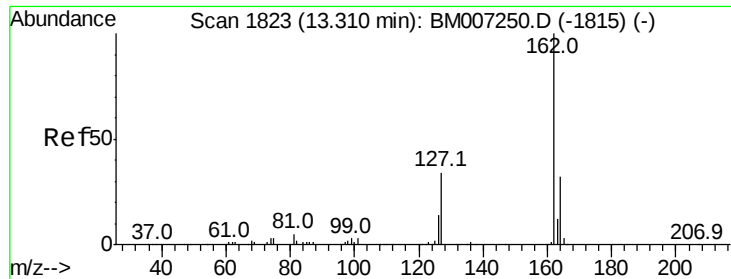
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#40
 1,1'-Biphenyl
 Concen: 2.33 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BM007268.D
 Acq: 24 Aug 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	113271		
153	40.3	31.3	46.9	
76	11.2	10.0	15.0	





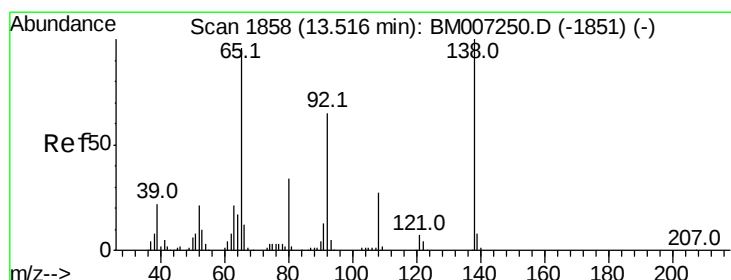
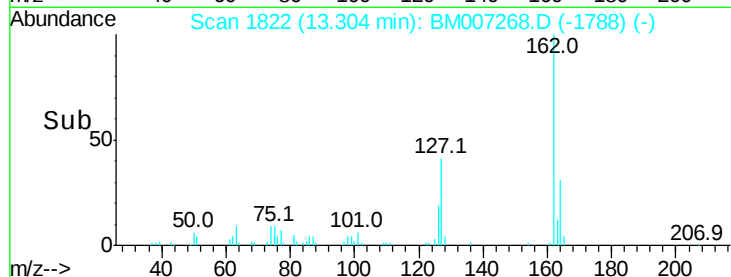
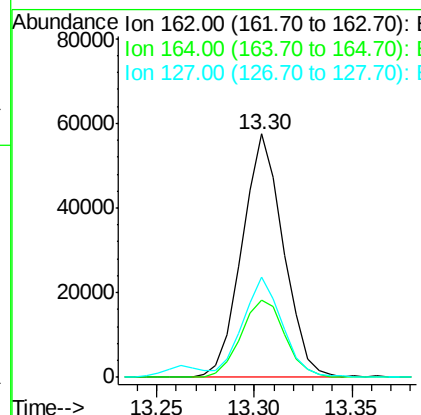
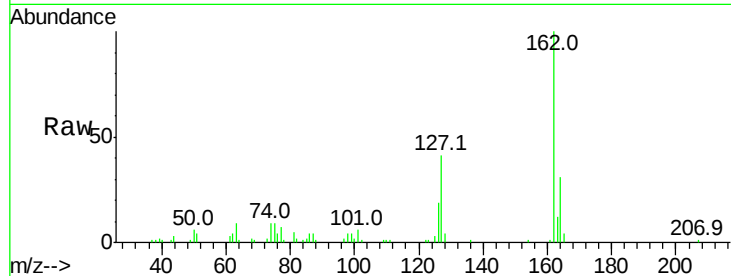
#41
2-Chloronaphthalene
Concen: 2.21 ng/ul
RT: 13.30 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tot Ion	Ratio	Lower	Upper
162	100		
164	31.5	26.9	40.3
127	40.9	31.2	46.8

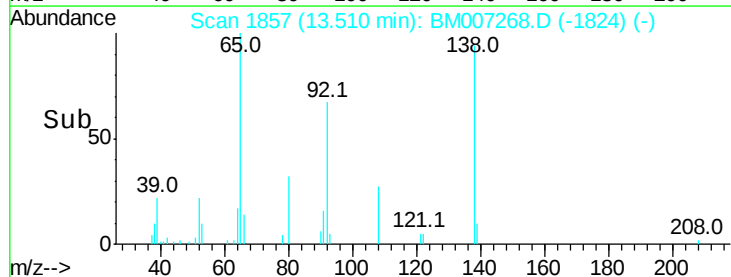
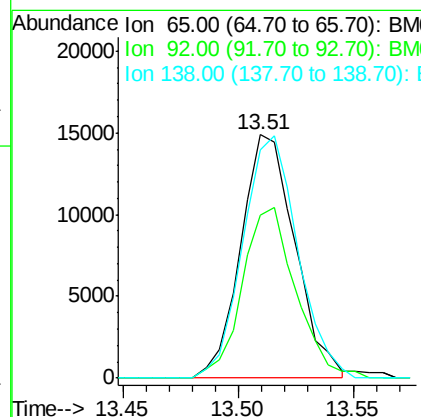
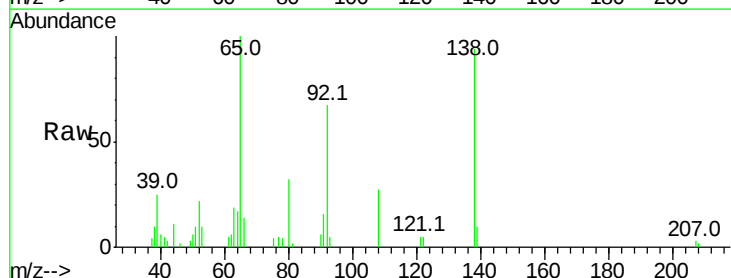
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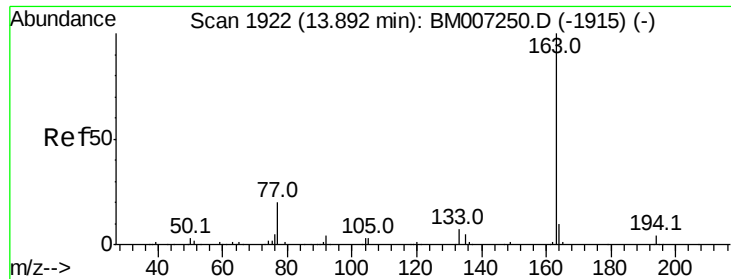
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#42
2-Nitroaniline
Concen: 1.96 ng/ul
RT: 13.51 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	55.6	83.4
138	93.6	81.3	121.9





#44

Dimethylphthalate

Concen: 2.40 ng/ul

RT: 13.89 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Instrument :

BNA_M

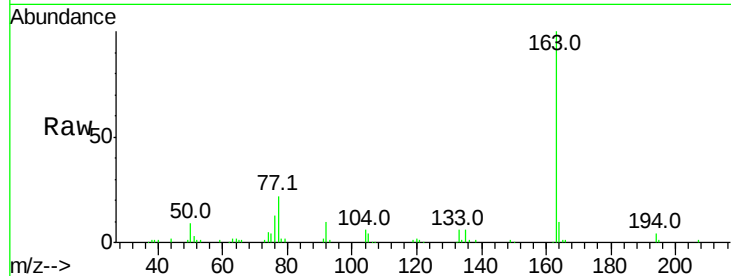
ClientSampleId :

MDL-06-S-ML

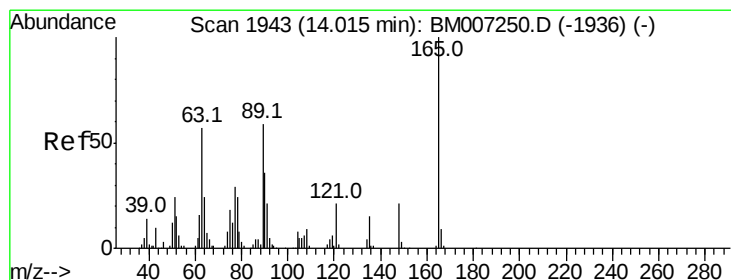
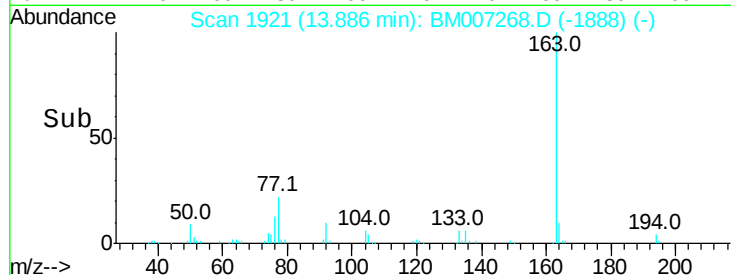
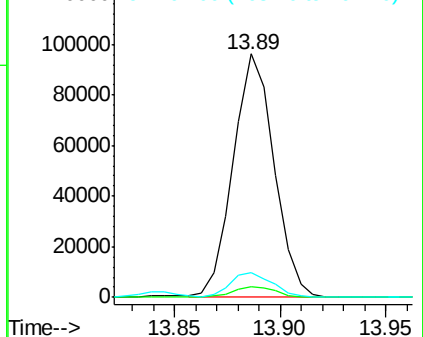
Tot Ion	Ratio	Resp	Lower	Upper
163	100	129365		
194	4.5		3.4	5.2
164	9.9		7.8	11.8

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 2.03 ng/ul

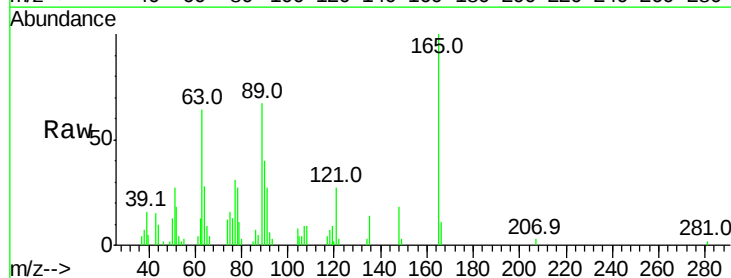
RT: 14.01 min Scan# 1942

Delta R.T. -0.00 min

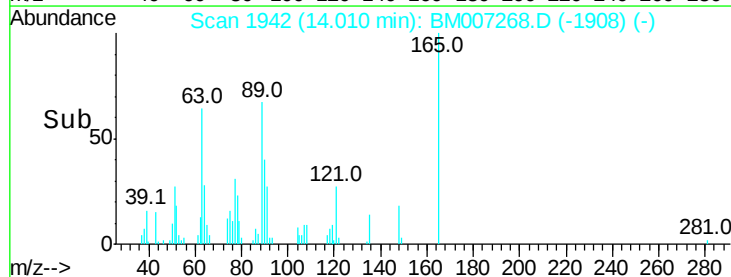
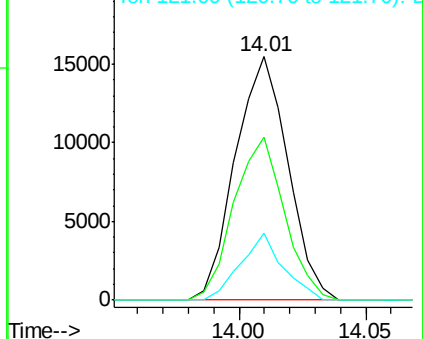
Lab File: BM007268.D

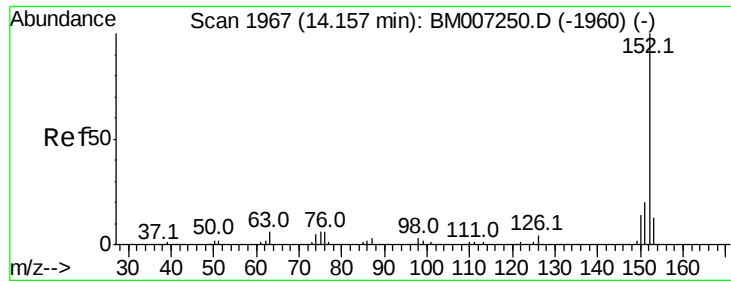
Acq: 24 Aug 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	22361		
89	66.8		46.6	69.8
121	27.3		16.0	24.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): E
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 2.28 ng/ul

RT: 14.15 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Instrument :

BNA_M

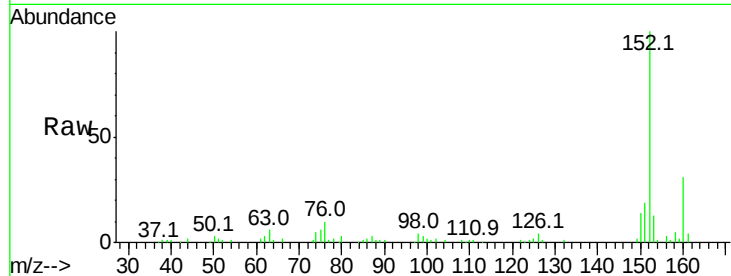
ClientSampled :

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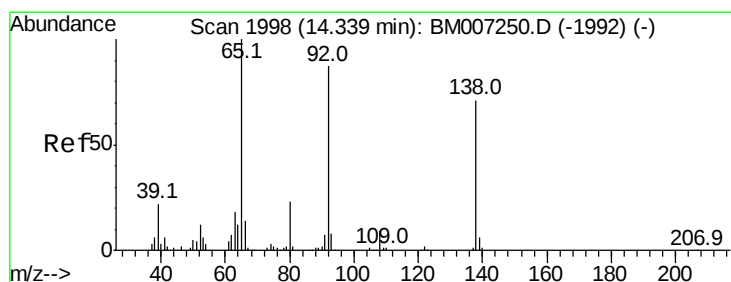
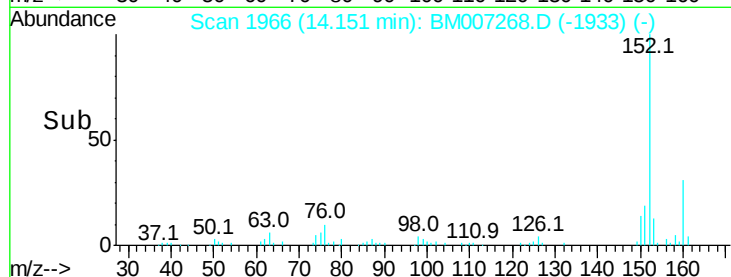
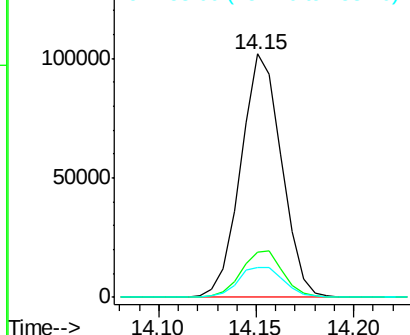
Tot Ion:	152	Resp:	147191
Ion Ratio	Lower	Upper	
152	100		
151	18.6	16.0	24.0
153	12.5	11.0	16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 2.06 ng/ul

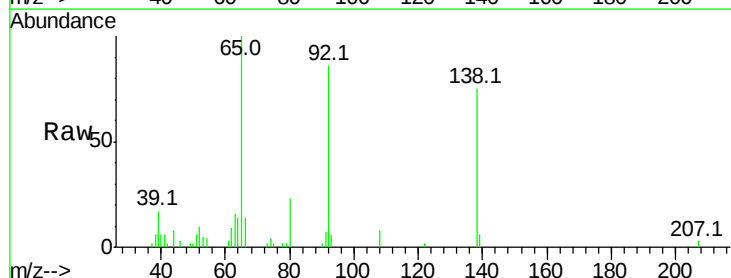
RT: 14.34 min Scan# 1999

Delta R.T. 0.01 min

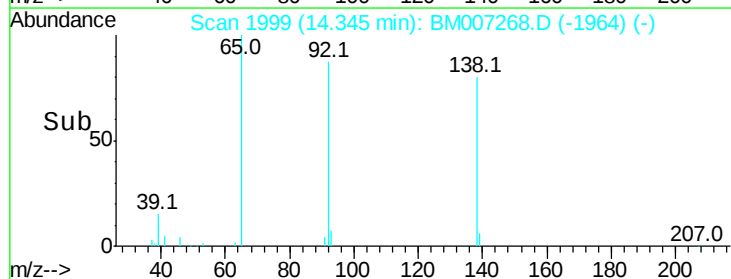
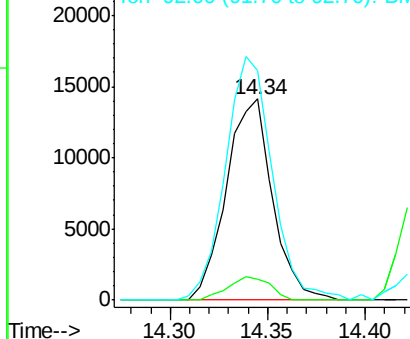
Lab File: BM007268.D

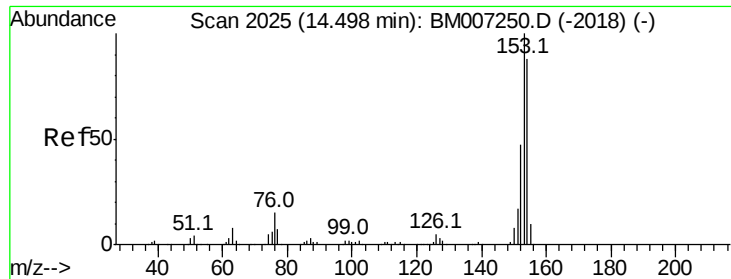
Acq: 24 Aug 2016 00:43

Tgt Ion:	138	Resp:	23139
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	113.9	96.6	145.0



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





#49

Acenaphthene

Concen: 2.34 ng/ul

RT: 14.49 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Instrument :

BNA_M

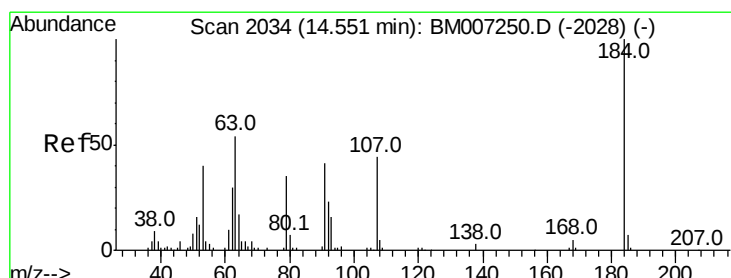
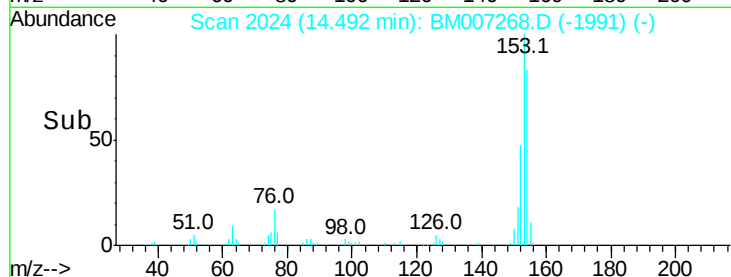
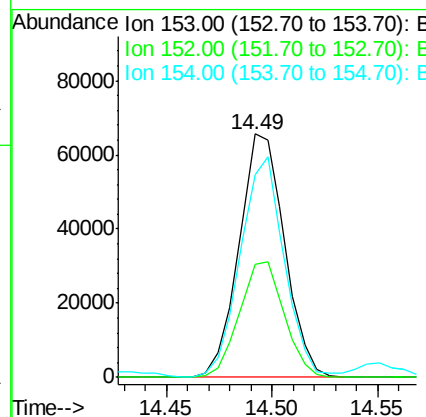
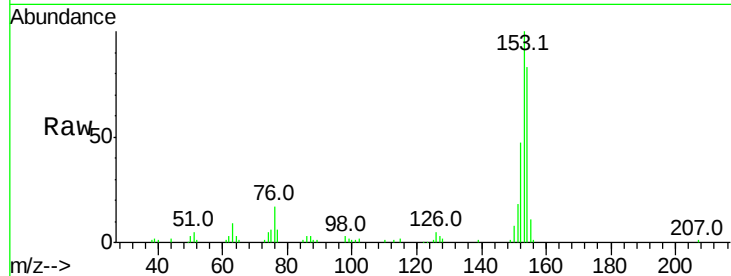
ClientSampleId :

MDL-06-S-ML

Tot Ion:	153	Resp:	98052
Ion Ratio	Lower	Upper	
153	100		
152	46.5	37.8	56.6
154	83.1	71.4	107.0

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#50

2,4-Dinitrophenol

Concen: 1.28 ng/ul

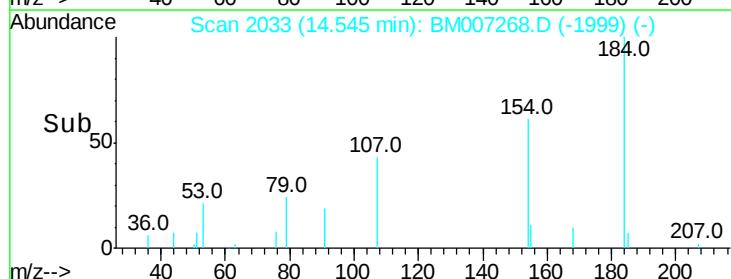
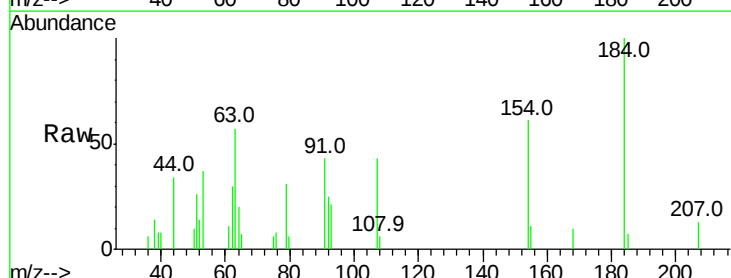
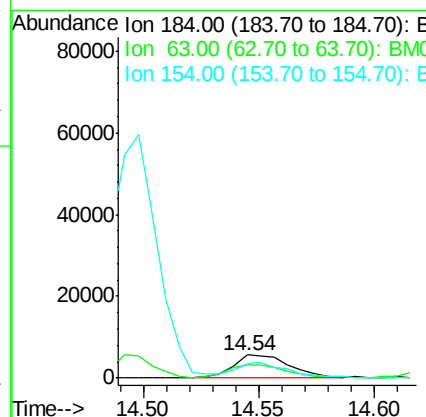
RT: 14.54 min Scan# 2033

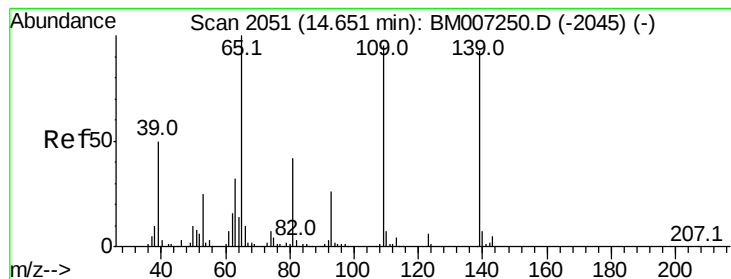
Delta R.T. -0.00 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Tgt Ion:	184	Resp:	9594
Ion Ratio	Lower	Upper	
184	100		
63	57.0	43.4	65.0
154	61.4	48.2	72.4





#52

4-Nitrophenol

Concen: 2.41 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Instrument :

BNA_M

ClientSampleId :

MDL-06-S-ML

Tot Ion:109 Resp: 26141

Ion Ratio Lower Upper

109 100

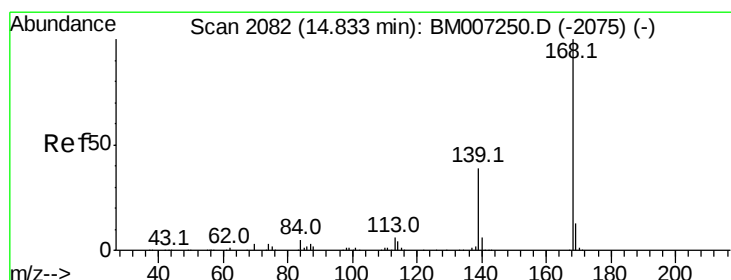
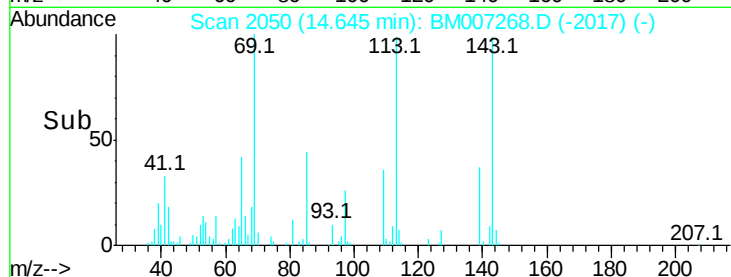
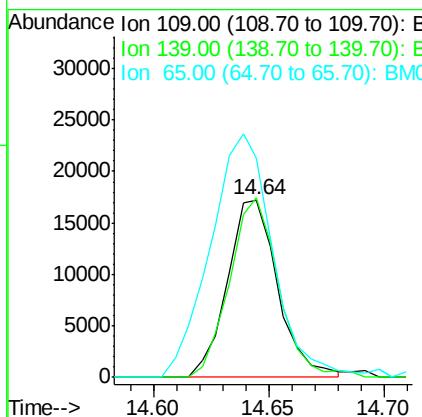
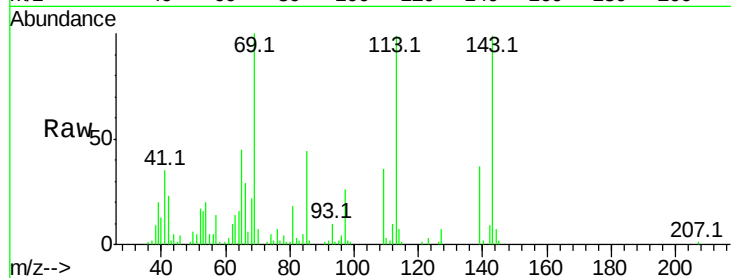
139 101.0 88.7 133.1

65 123.6 96.4 144.6

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#53

Dibenzofuran

Concen: 2.33 ng/ul

RT: 14.83 min Scan# 2082

Delta R.T. -0.00 min

Lab File: BM007268.D

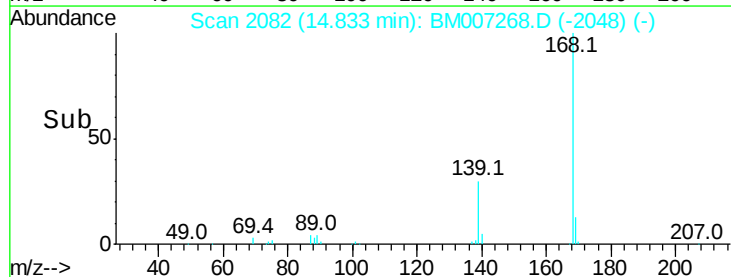
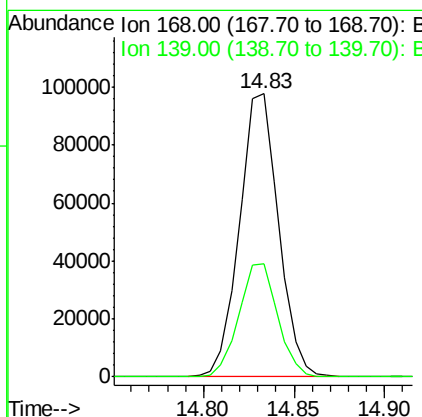
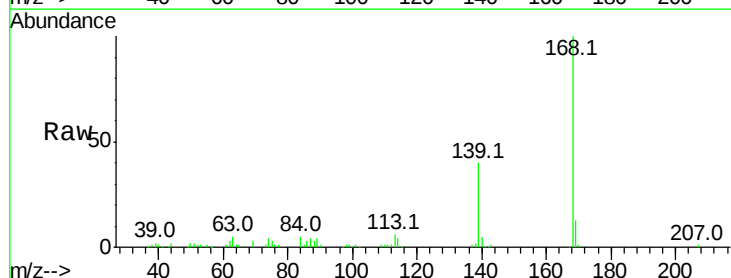
Acq: 24 Aug 2016 00:43

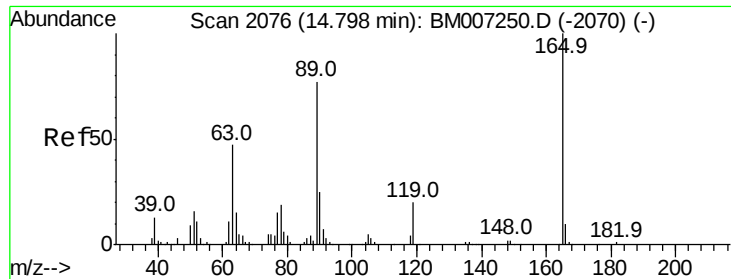
Tgt Ion:168 Resp: 146126

Ion Ratio Lower Upper

168 100

139 39.8 30.1 45.1





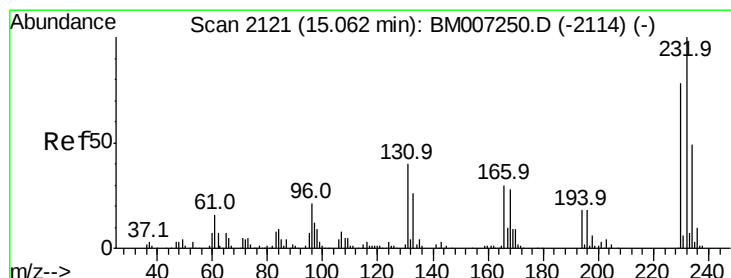
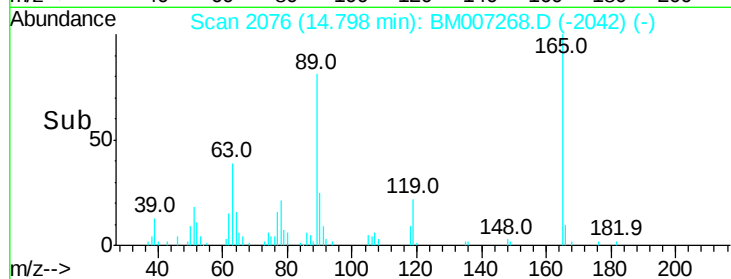
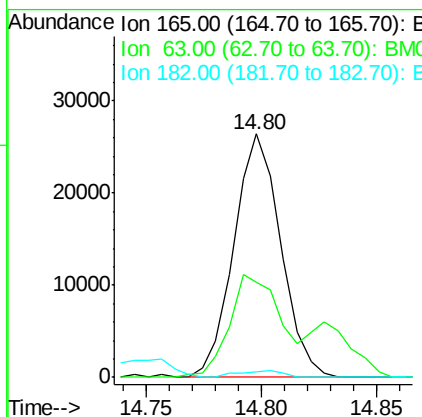
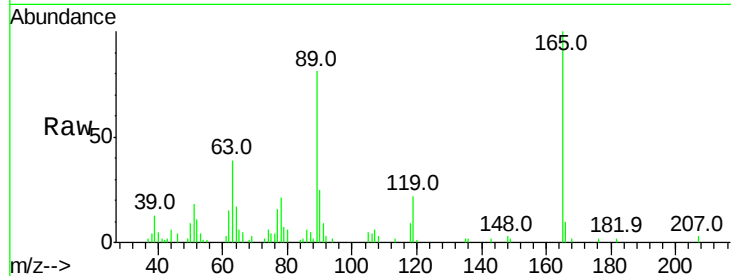
#54
 2,4-Dinitrotoluene
 Concen: 2.21 ng/ul
 RT: 14.80 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BM007268.D
 Acq: 24 Aug 2016 00:43

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tot Ion:	165	Resp:	37344
Ion Ratio	Lower	Upper	
165	100		
63	39.0	36.2	54.2
182	2.2	2.2	3.4#

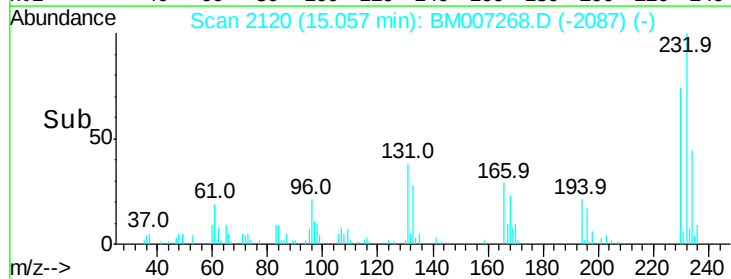
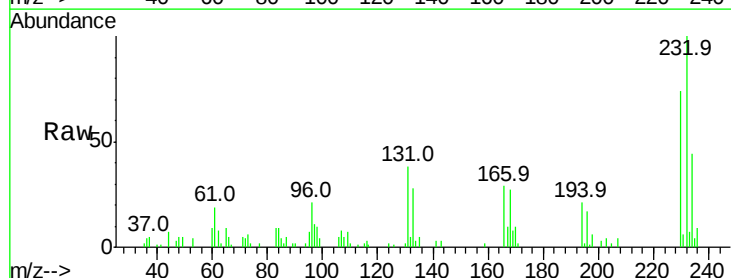
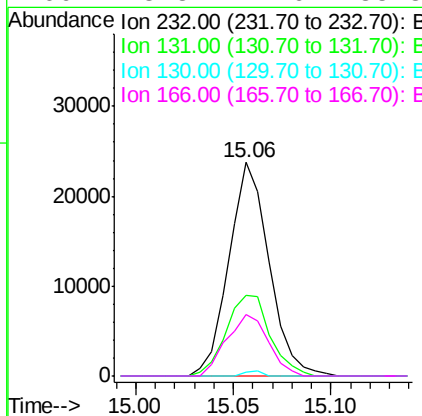
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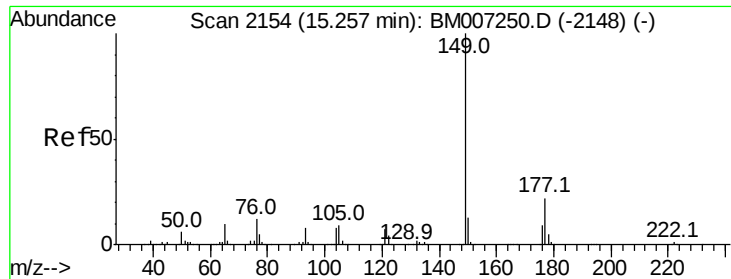
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.14 ng/ul
 RT: 15.06 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BM007268.D
 Acq: 24 Aug 2016 00:43

Tgt Ion:	232	Resp:	33864
Ion Ratio	Lower	Upper	
232	100		
131	37.6	31.4	47.0
130	2.0	1.6	2.4
166	28.8	22.6	33.8





#56

Diethylphthalate

Concen: 2.38 ng/ul

RT: 15.26 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Instrument :

BNA_M

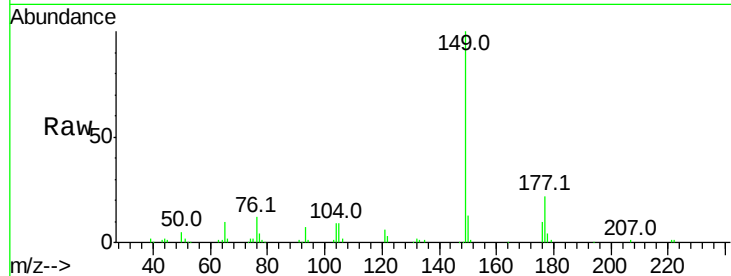
ClientSampled :

MDL-06-S-ML

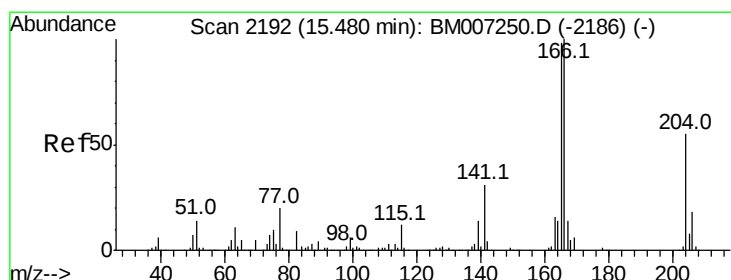
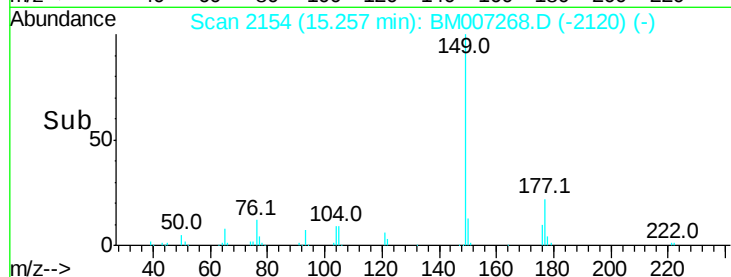
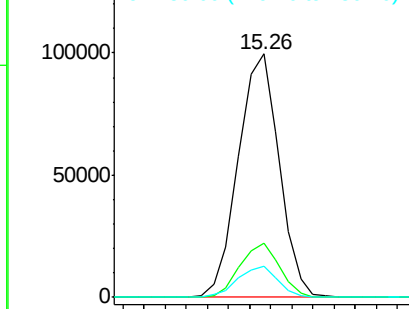
Tot Ion:	149	Resp:	133757
Ion Ratio	Lower	Upper	
149	100		
177	22.2	18.6	28.0
150	12.6	10.0	15.0

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



#58

Fluorene

Concen: 2.41 ng/ul

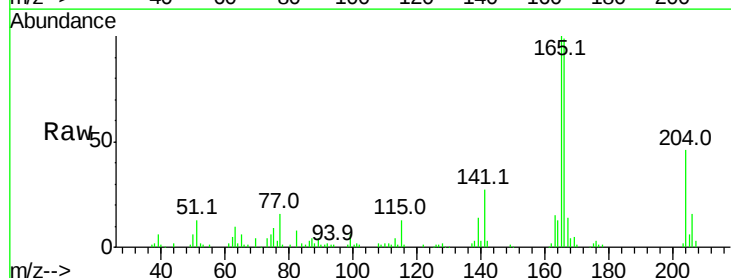
RT: 15.48 min Scan# 2192

Delta R.T. -0.00 min

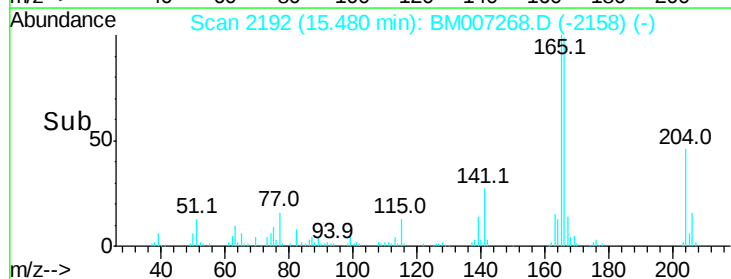
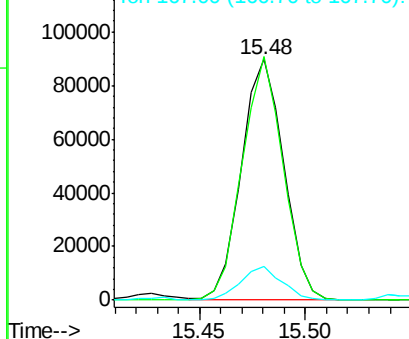
Lab File: BM007268.D

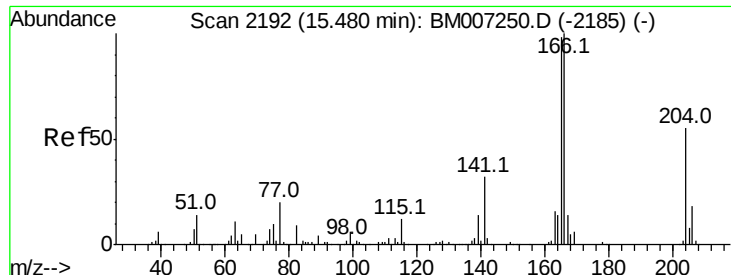
Acq: 24 Aug 2016 00:43

Tgt Ion:	166	Resp:	124766
Ion Ratio	Lower	Upper	
166	100		
165	101.1	79.9	119.9
167	13.8	10.5	15.7



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





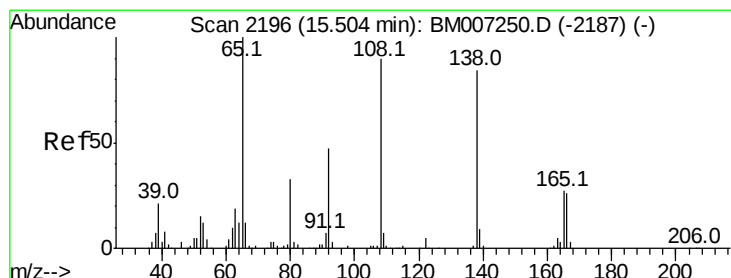
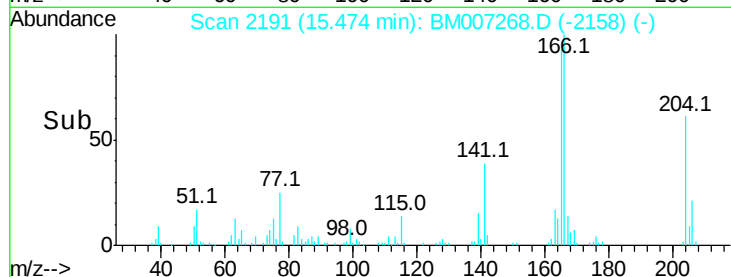
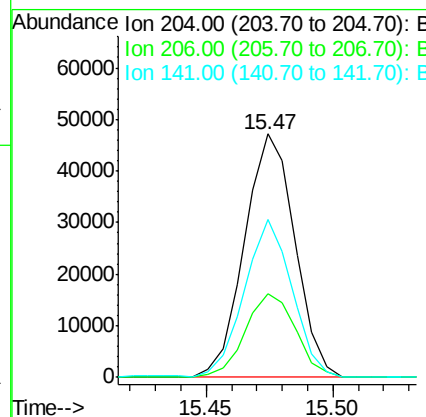
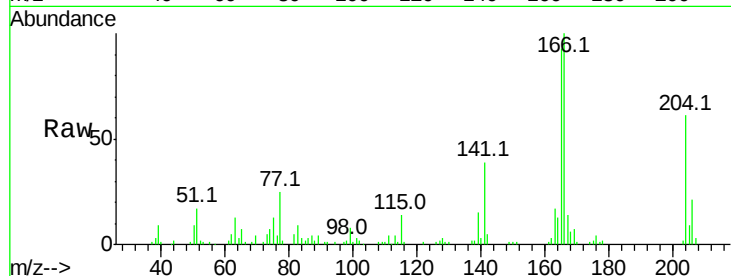
#59
 4-Chlorophenyl-phenylether
 Concen: 2.41 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007268.D
 Acq: 24 Aug 2016 00:43

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	25.9	38.9
141	64.6	46.1	69.1

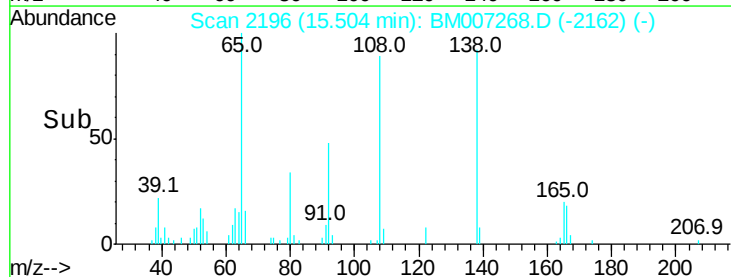
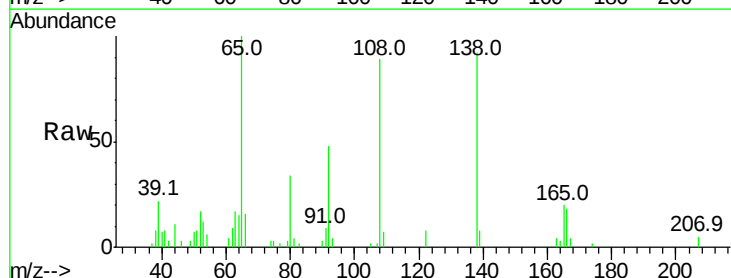
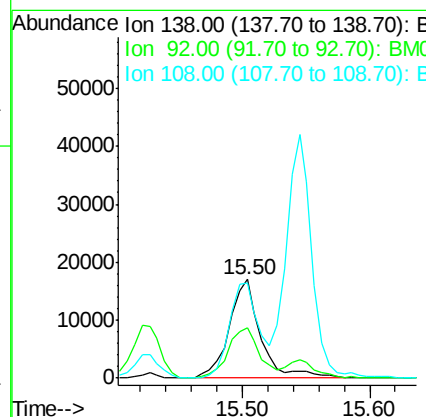
Manual Integrations
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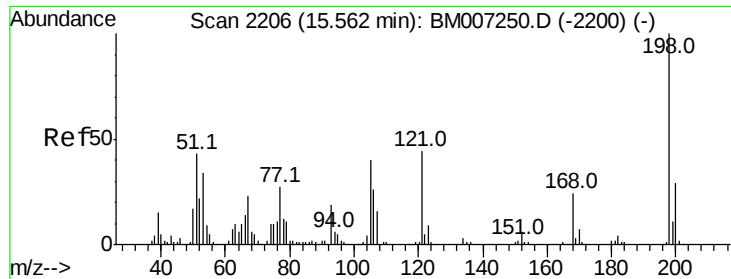
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#60
 4-Nitroaniline
 Concen: 2.31 ng/ul m
 RT: 15.50 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BM007268.D
 Acq: 24 Aug 2016 00:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.8	43.5	65.3
108	96.0	80.3	120.5





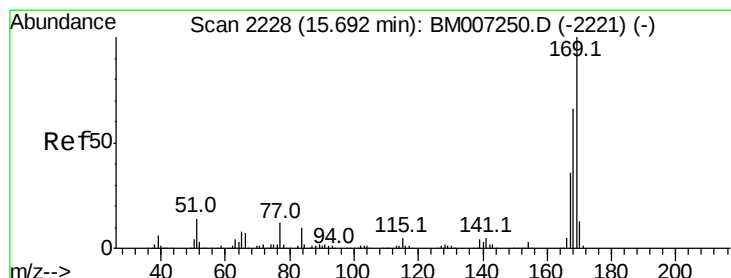
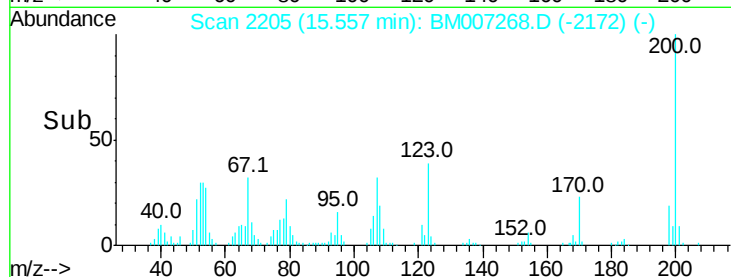
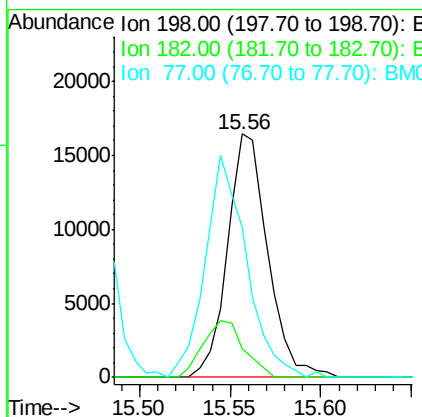
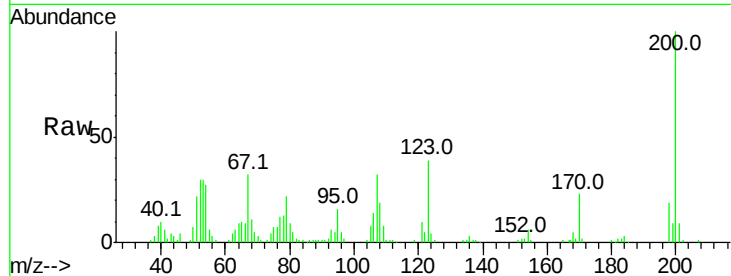
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.19 ng/ul
 RT: 15.56 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM007268.D
 Acq: 24 Aug 2016 00:43

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tot Ion	Ratio	Resp	Lower	Upper
198	100	25427		
182	11.7	3.3	4.9#	
77	61.7	21.8	32.6#	

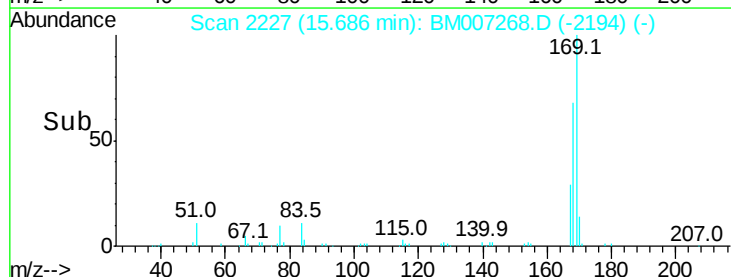
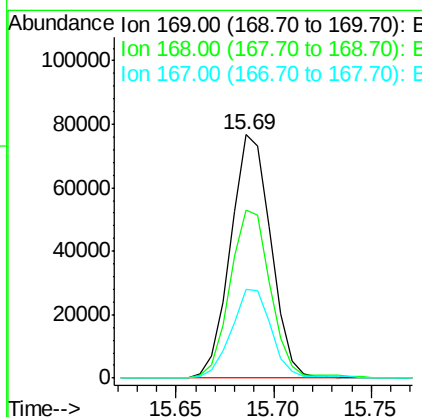
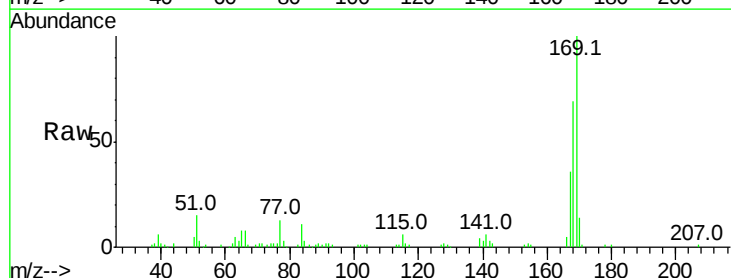
Manual Integrations
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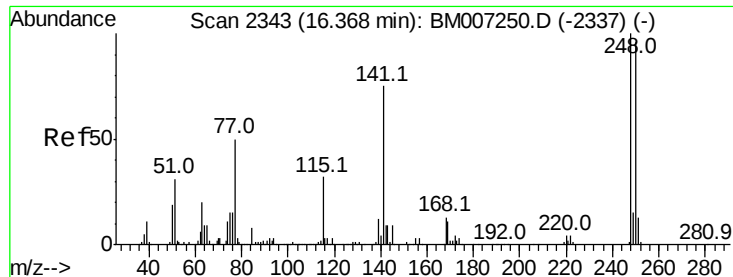
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#64
 N-Nitrosodiphenylamine
 Concen: 2.27 ng/ul
 RT: 15.69 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BM007268.D
 Acq: 24 Aug 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	109668		
168	69.1	52.6	79.0	
167	36.3	28.6	43.0	





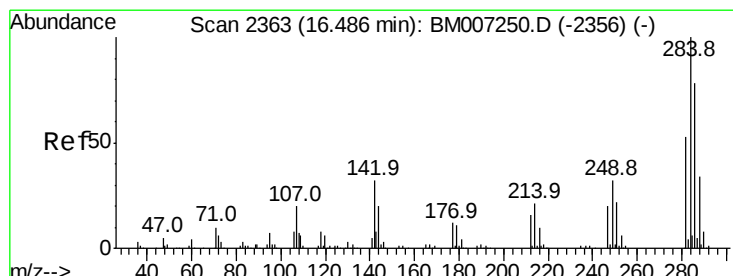
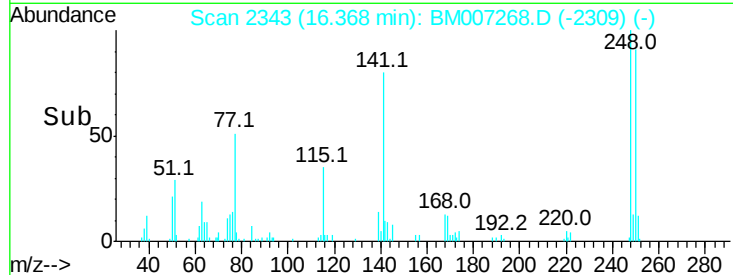
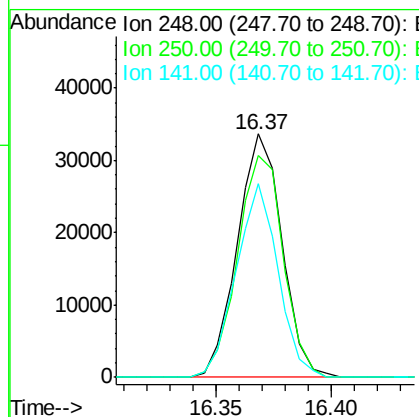
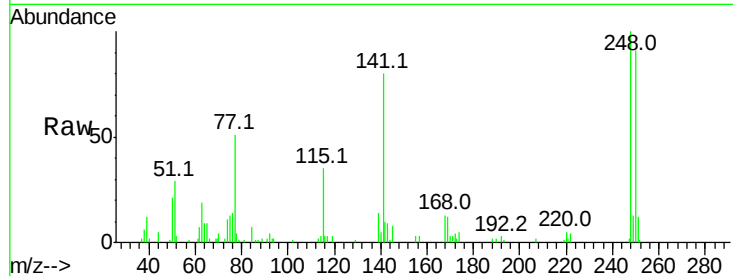
#65
 4-Bromophenyl-phenylether
 Concen: 2.33 ng/ul
 RT: 16.37 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BM007268.D
 Acq: 24 Aug 2016 00:43

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Tot Ion:	248	Resp:	45538
Ion Ratio	Lower	Upper	
248	100		
250	90.9	79.7	119.5
141	79.7	58.3	87.5

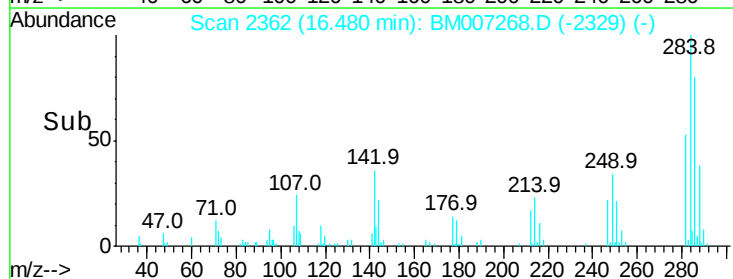
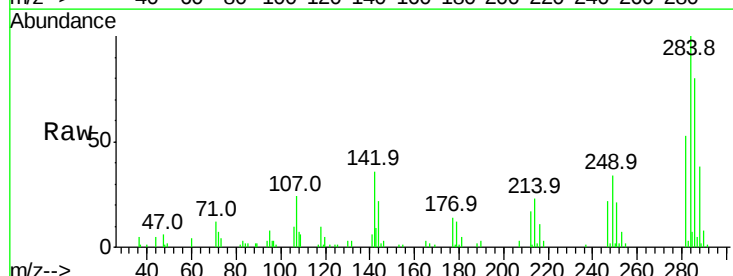
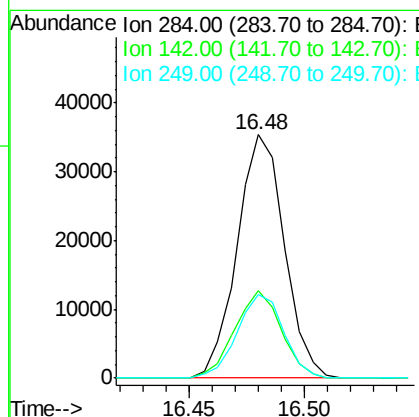
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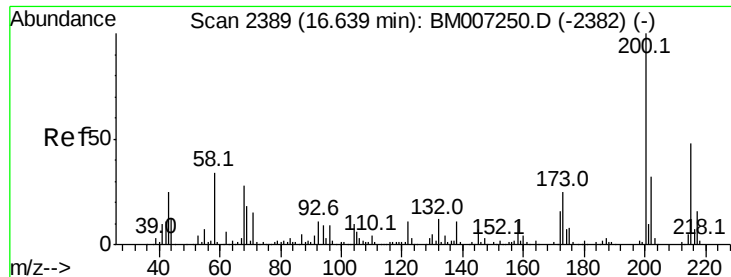
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#66
 Hexachlorobenzene
 Concen: 2.29 ng/ul
 RT: 16.48 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BM007268.D
 Acq: 24 Aug 2016 00:43

Tgt Ion:	284	Resp:	50252
Ion Ratio	Lower	Upper	
284	100		
142	35.9	24.9	37.3
249	34.2	25.5	38.3





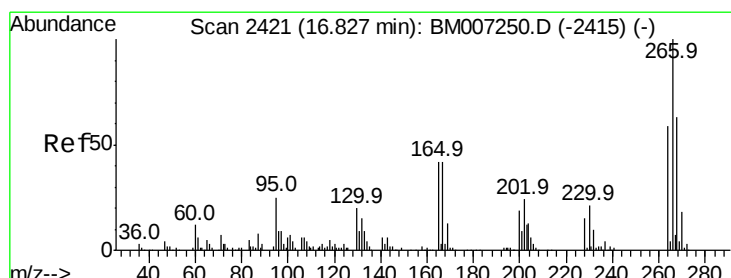
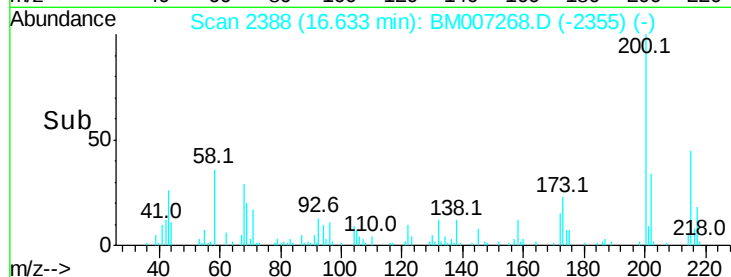
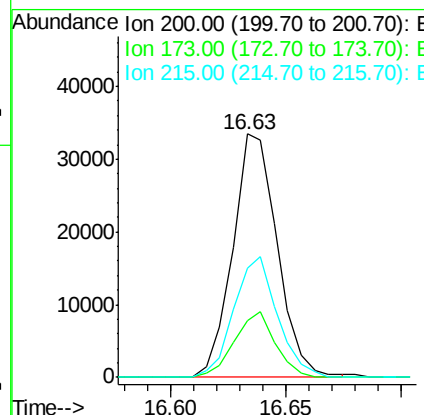
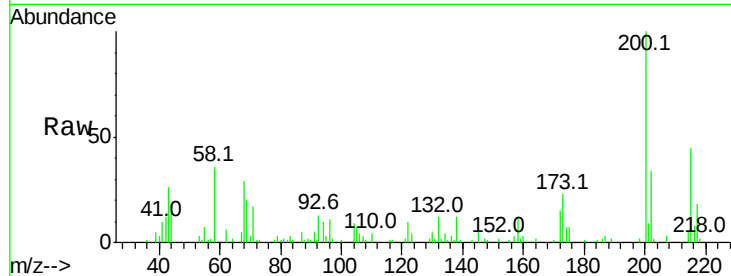
#67
Atrazine
Concen: 2.20 ng/ul
RT: 16.63 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	18.9	28.3
215	44.6	39.5	59.3

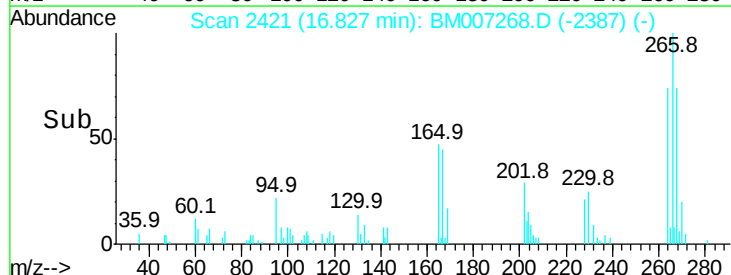
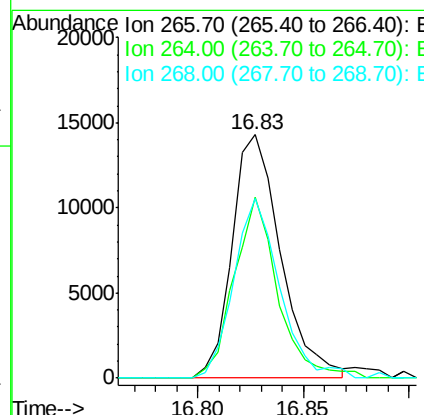
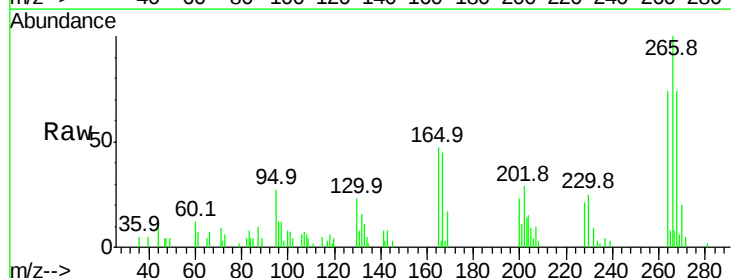
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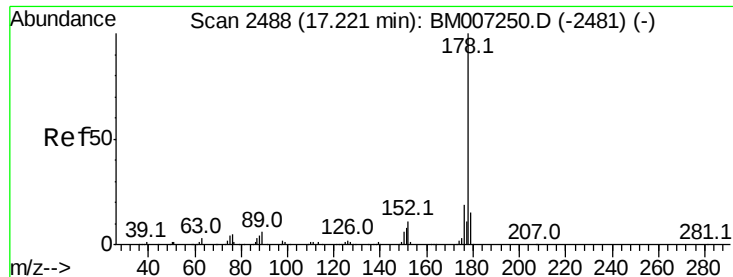
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#68
Pentachlorophenol
Concen: 1.62 ng/ul
RT: 16.83 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Tgt Ion	Ratio	Lower	Upper
266	100		
264	74.3	50.6	75.8
268	73.6	51.0	76.6





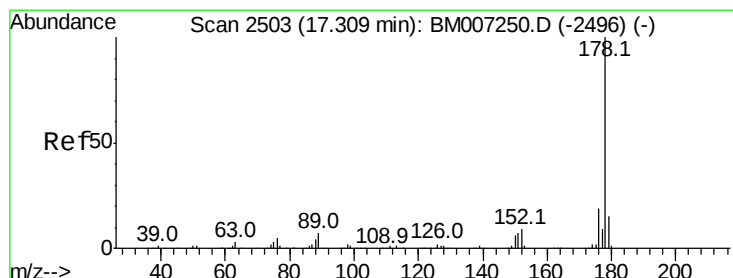
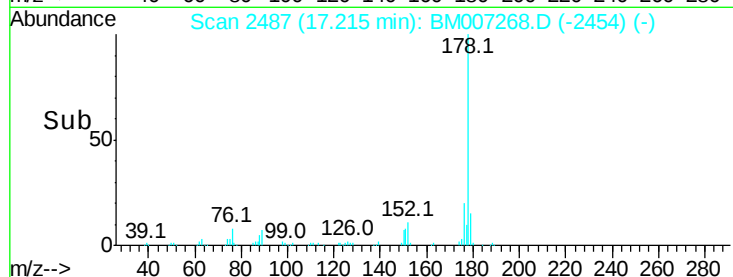
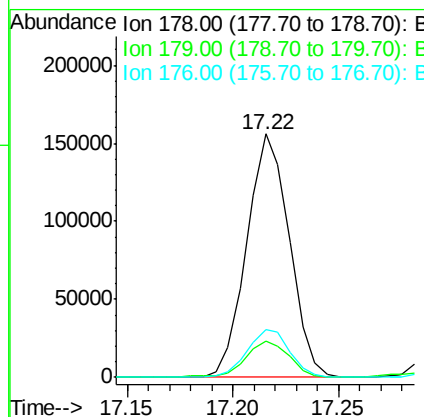
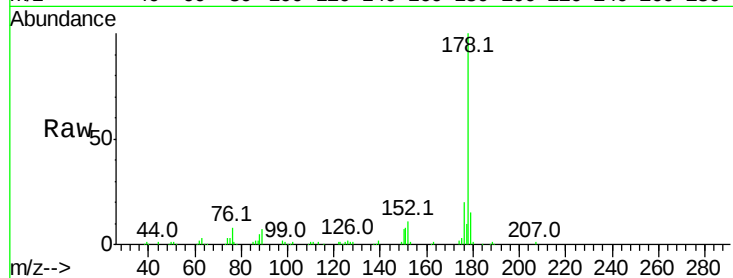
#69
Phenanthrene
Concen: 2.33 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	19.7	15.1	22.7

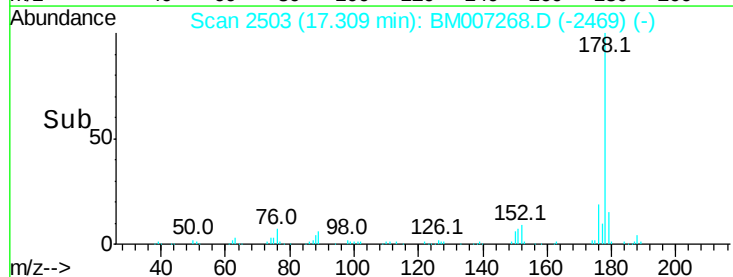
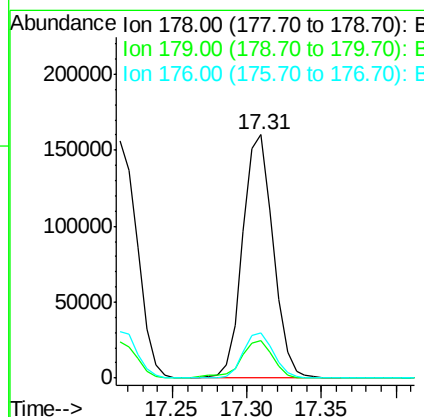
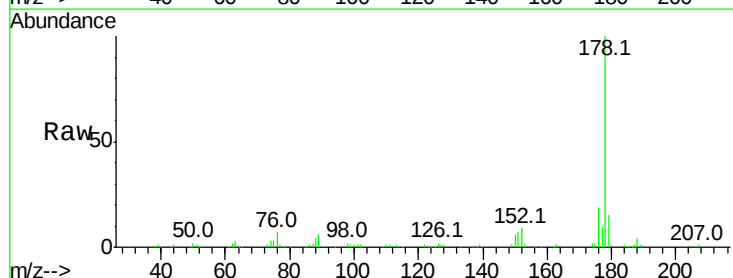
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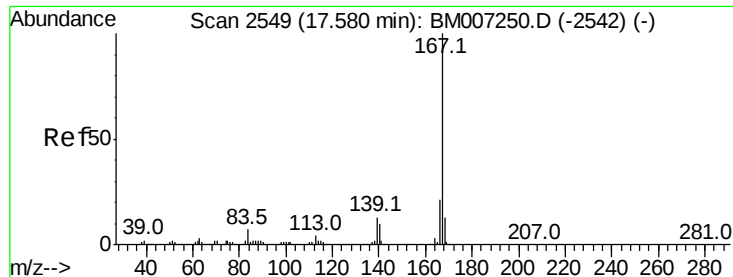
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#71
Anthracene
Concen: 2.34 ng/ul
RT: 17.31 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	18.5	14.5	21.7





#72

Carbazole

Concen: 2.35 ng/ul

RT: 17.58 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Instrument :

BNA_M

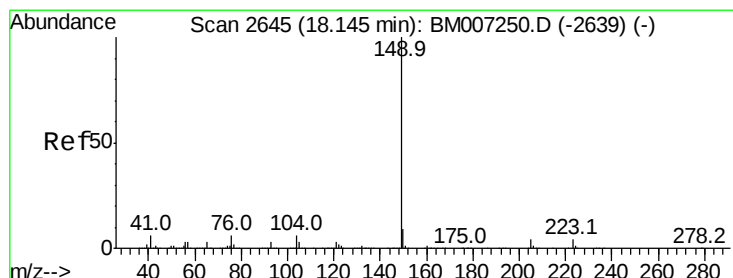
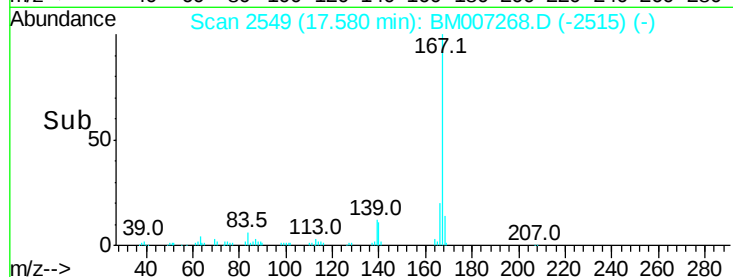
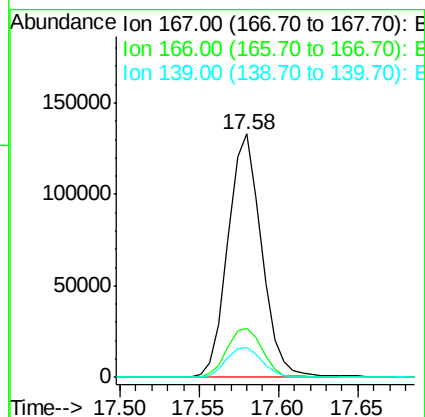
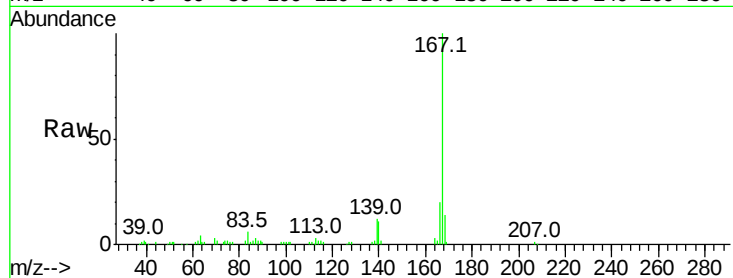
ClientSampleId :

MDL-06-S-ML

Tot Ion:	167	Resp:	196084
Ion Ratio		Lower	Upper
167	100		
166	20.1	16.6	25.0
139	12.3	10.2	15.4

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#73

Di-n-butylphthalate

Concen: 2.16 ng/ul

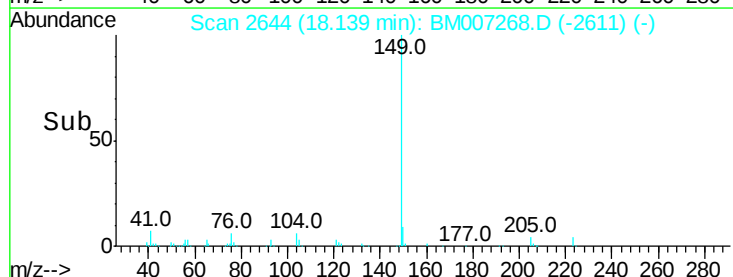
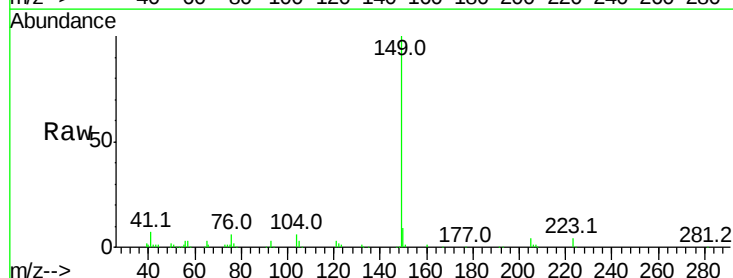
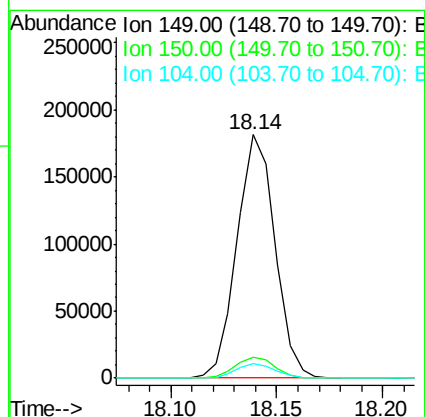
RT: 18.14 min Scan# 2644

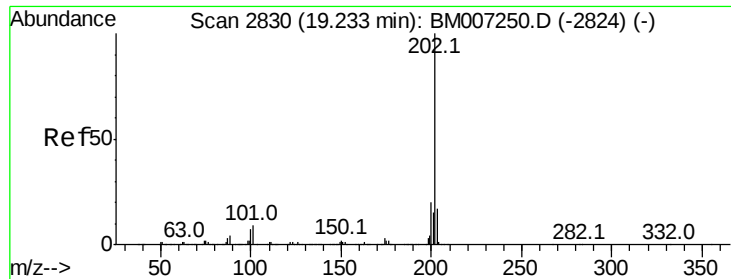
Delta R.T. -0.01 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Tgt Ion:	149	Resp:	226767
Ion Ratio		Lower	Upper
149	100		
150	8.8	7.6	11.4
104	5.9	4.6	7.0





#74

Fluoranthene

Concen: 2.52 ng/ul

RT: 19.23 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Instrument :

BNA_M

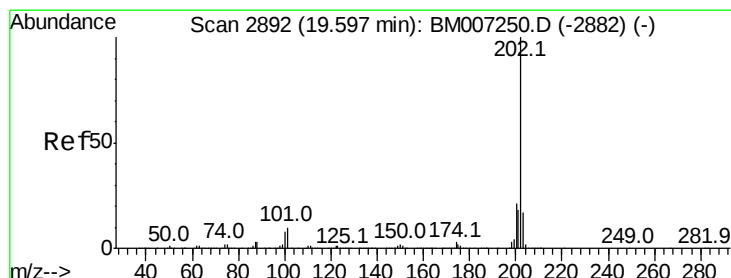
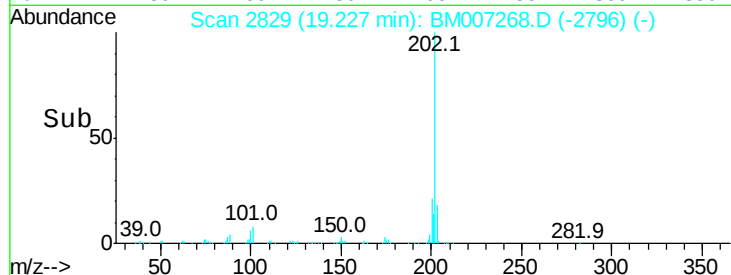
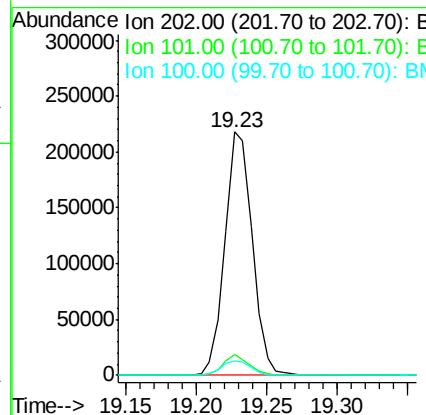
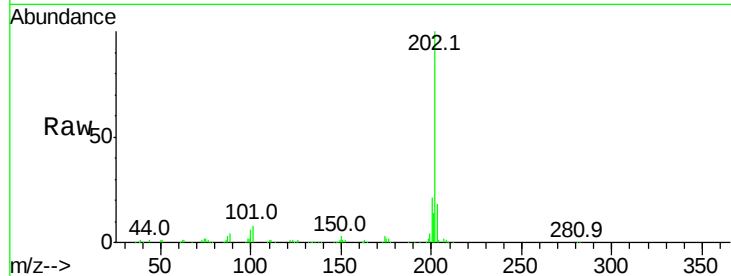
ClientSampleId :

MDL-06-S-ML

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		294181		
101	8.5	6.9	10.3		
100	6.0	5.4	8.0		

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#77

Pyrene

Concen: 2.38 ng/ul

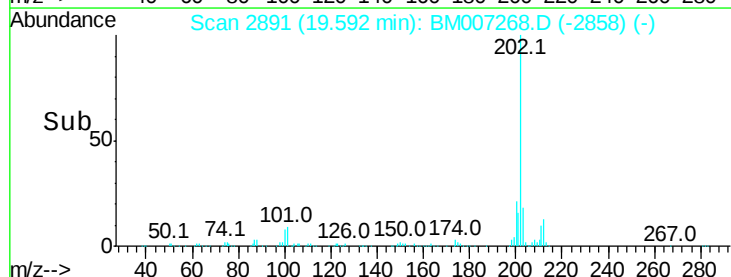
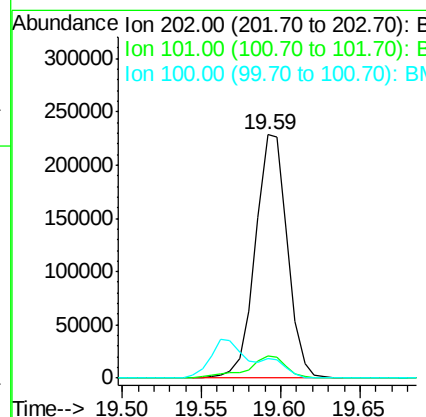
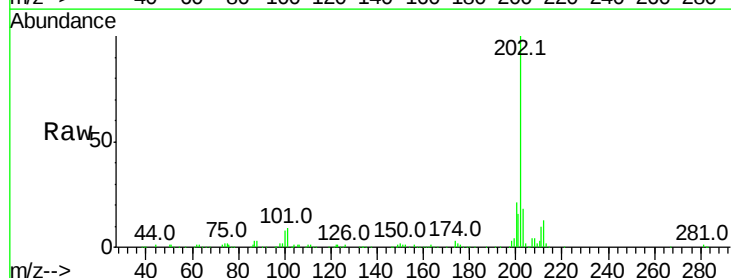
RT: 19.59 min Scan# 2891

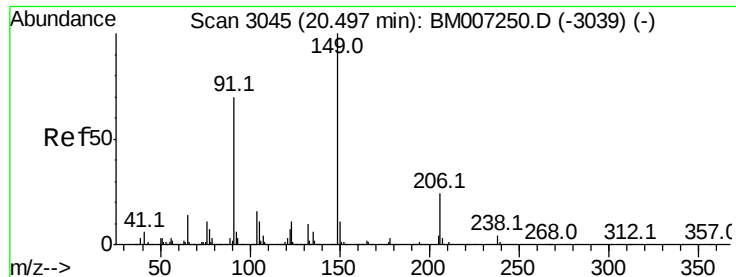
Delta R.T. -0.01 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		321839		
101	9.1	8.4	12.6		
100	8.1	6.9	10.3		





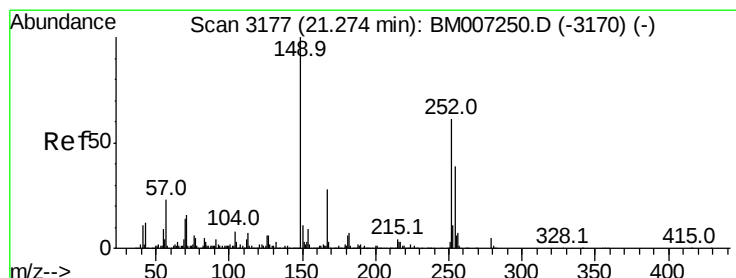
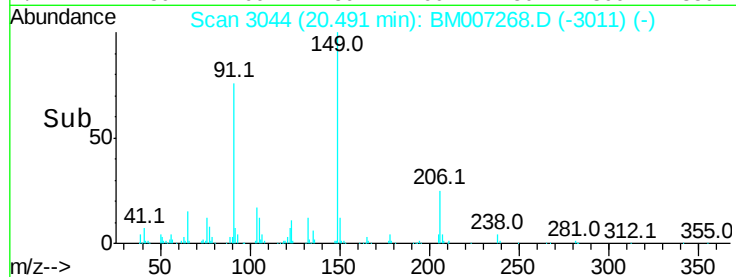
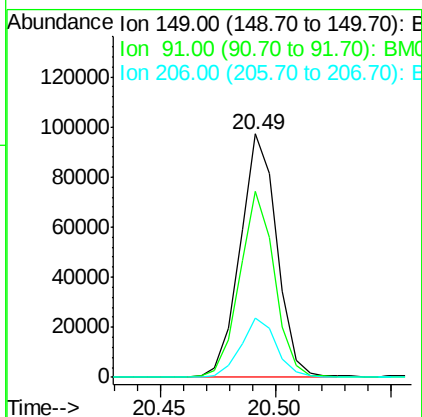
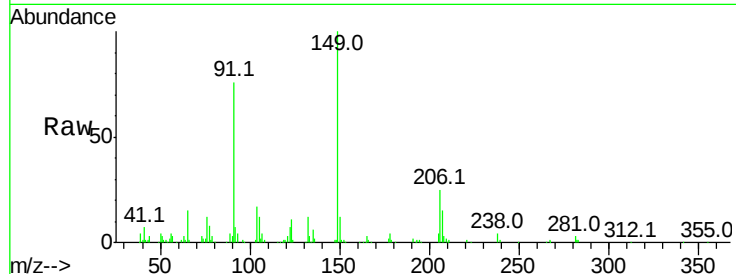
#78
Butylbenzylphthalate
Concen: 1.91 ng/ul
RT: 20.49 min Scan# 3044
Delta R.T. -0.01 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tot Ion	Ratio	Resp	Lower	Upper
149	100	107734		
91	76.2	57.3	85.9	
206	24.5	18.6	27.8	

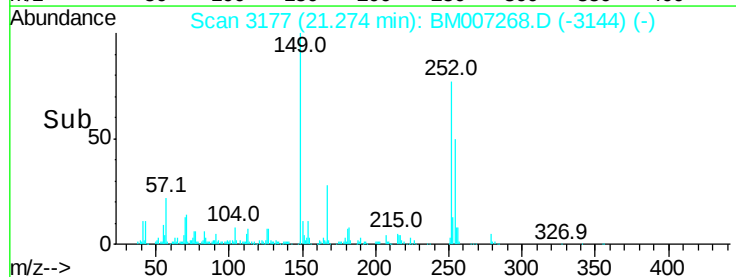
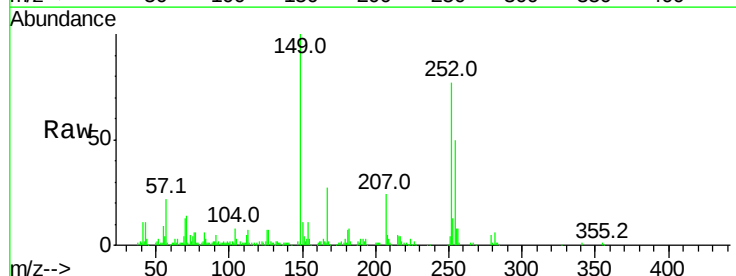
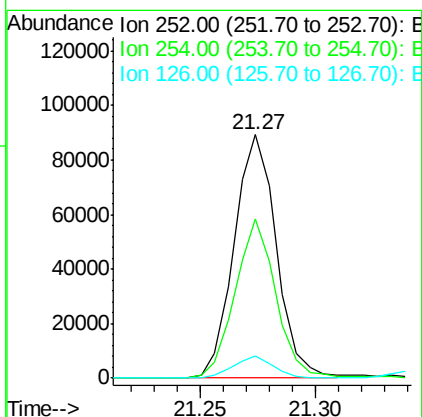
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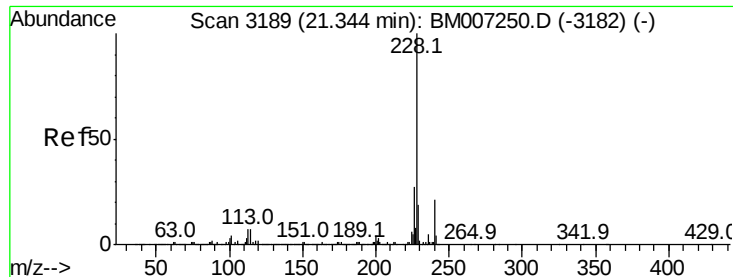
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#79
3,3'-Dichlorobenzidine
Concen: 2.27 ng/ul
RT: 21.27 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	113622		
254	65.2	51.0	76.4	
126	9.1	7.1	10.7	





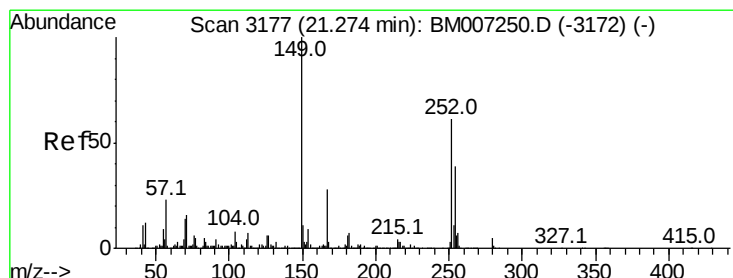
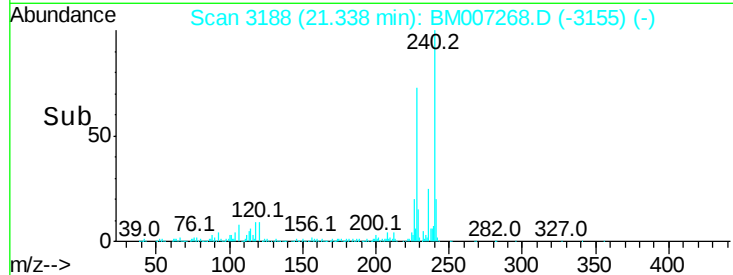
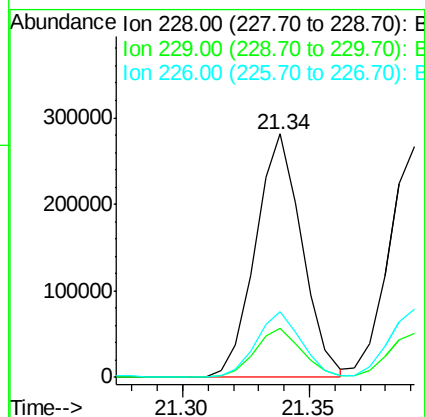
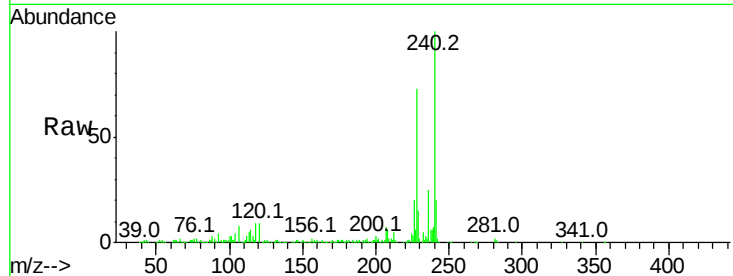
#80
Benzo(a)anthracene
Concen: 2.40 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.6	23.4
226	27.2	21.8	32.8

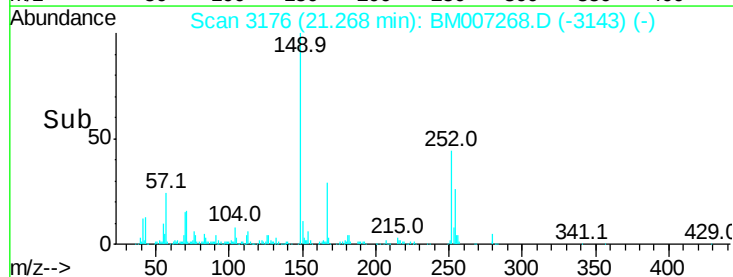
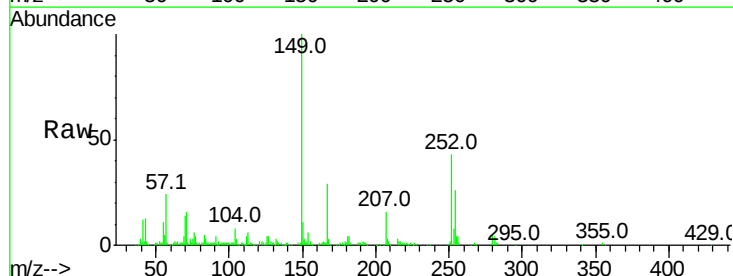
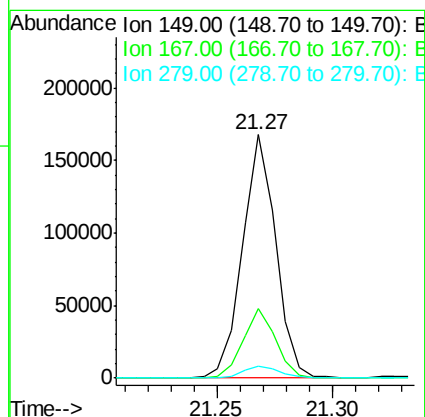
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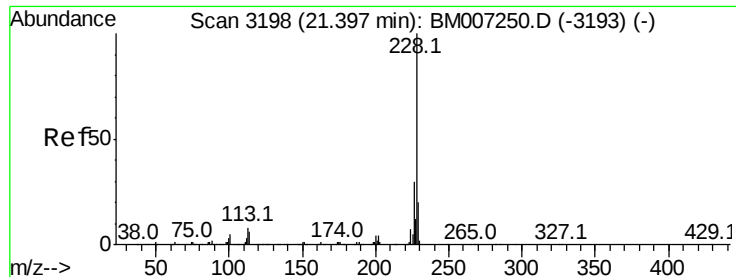
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#81
Bis(2-ethylhexyl)phthalate
Concen: 2.06 ng/ul
RT: 21.27 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.2	34.8
279	5.0	4.1	6.1





#82

Chrysene

Concen: 2.48 ng/ul

RT: 21.39 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Instrument :

BNA_M

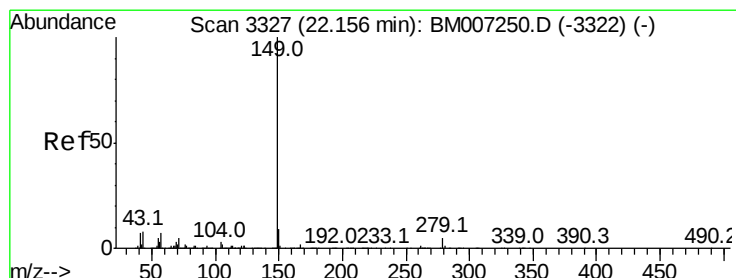
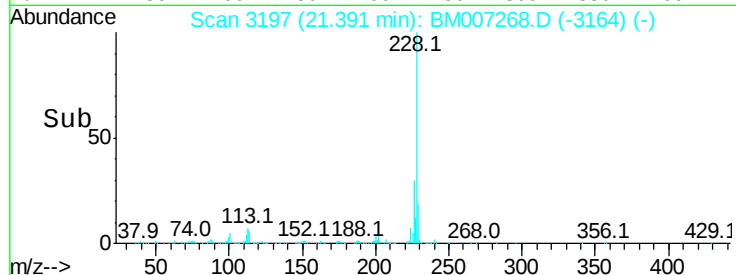
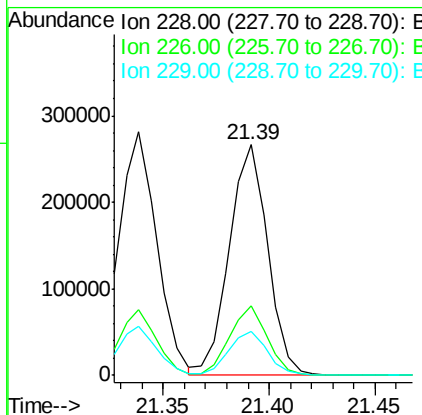
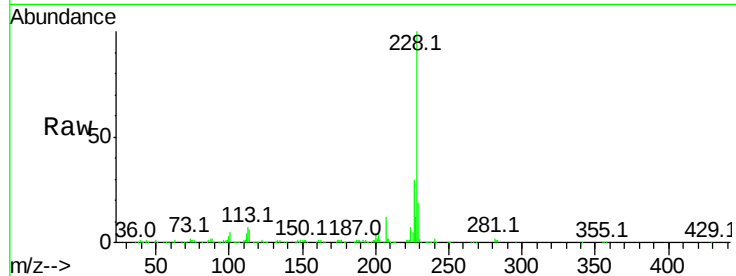
ClientSampleId :

MDL-06-S-ML

Tot Ion:	228	Resp:	333513
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.4	35.2
229	19.0	15.5	23.3

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#84

Di-n-octyl phthalate

Concen: 2.13 ng/ul

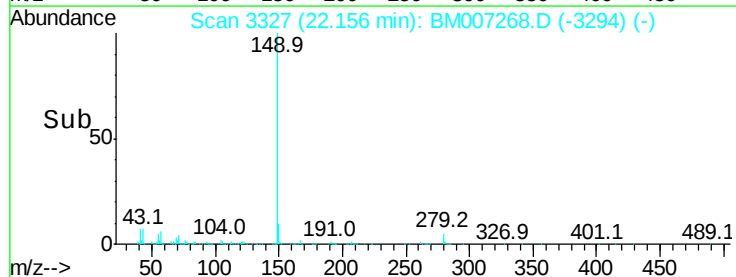
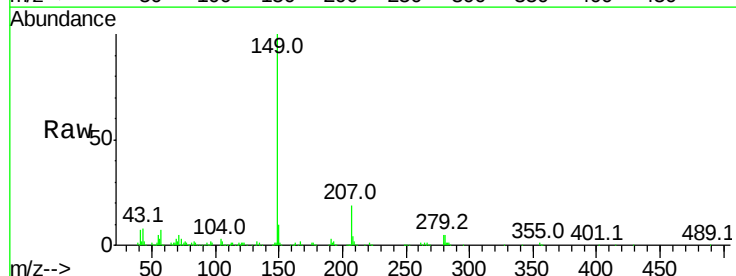
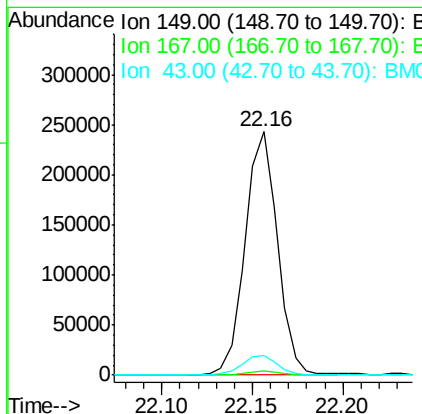
RT: 22.16 min Scan# 3327

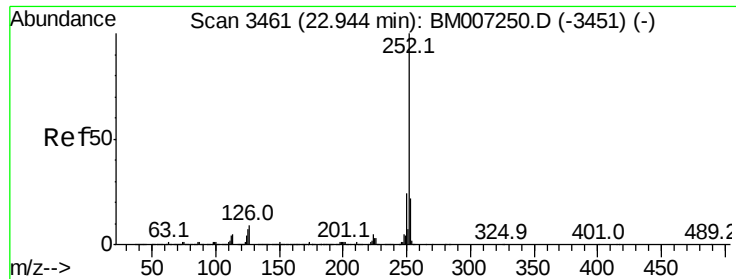
Delta R.T. -0.01 min

Lab File: BM007268.D

Acq: 24 Aug 2016 00:43

Tgt Ion:	149	Resp:	299449
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	8.0	6.6	10.0





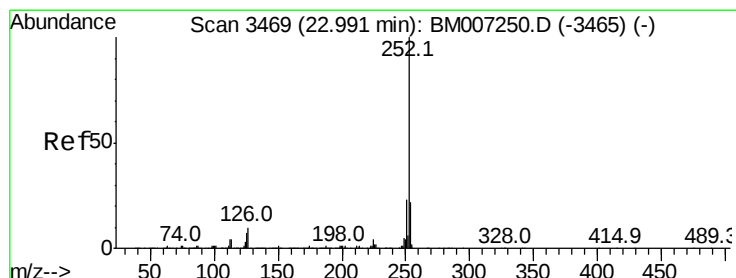
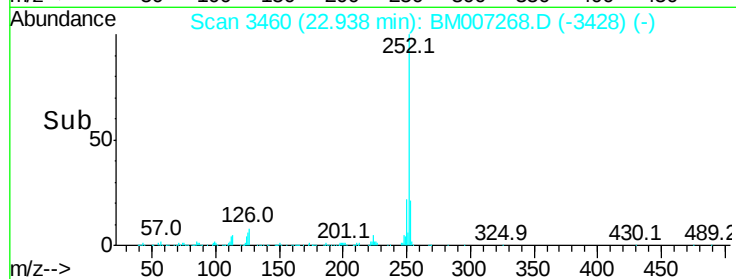
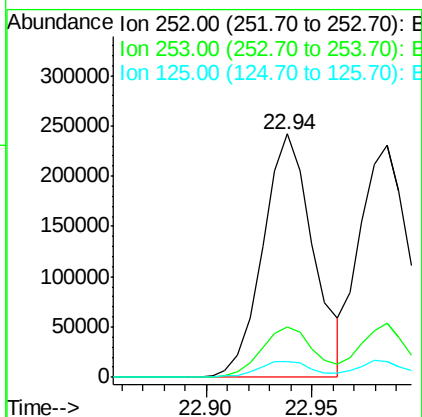
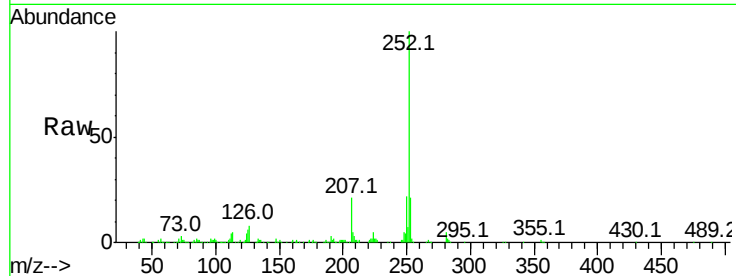
#85
Benzo(b)fluoranthene
Concen: 2.41 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.1	25.7
125	6.2	5.8	8.8

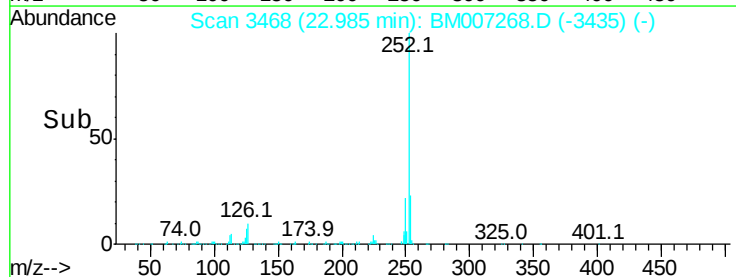
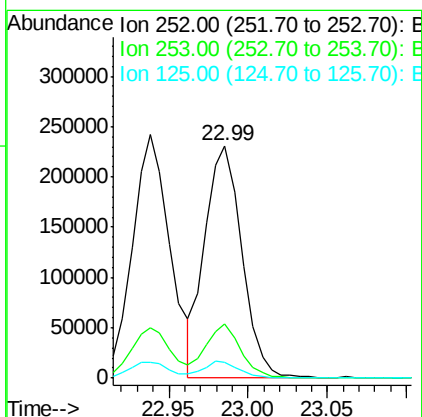
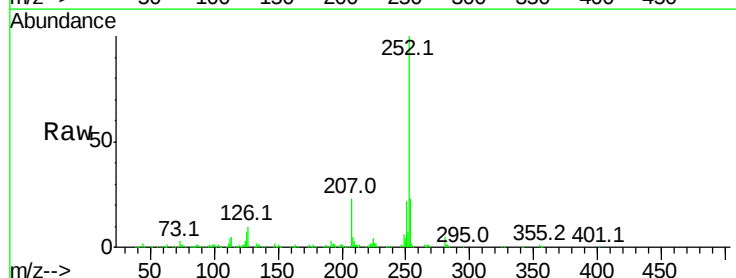
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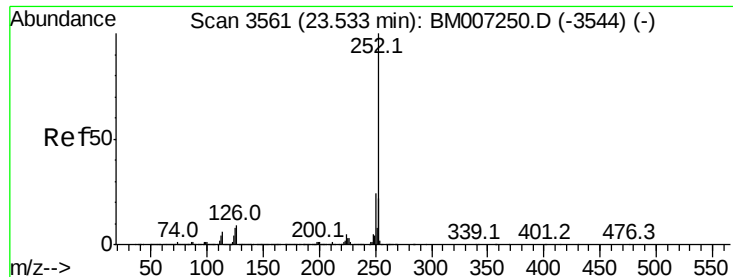
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#86
Benzo(k)fluoranthene
Concen: 2.43 ng/ul
RT: 22.99 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	6.6	5.7	8.5





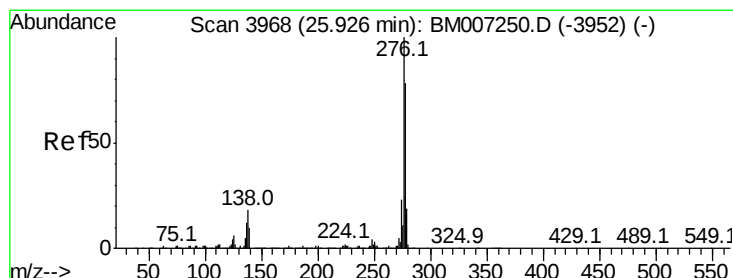
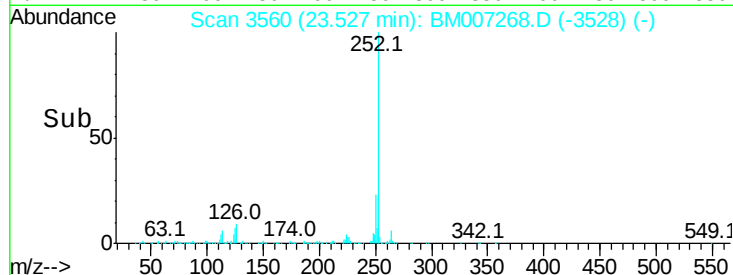
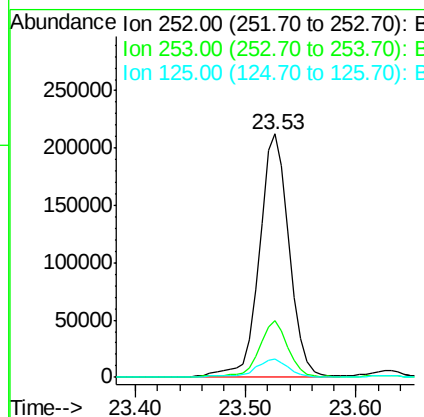
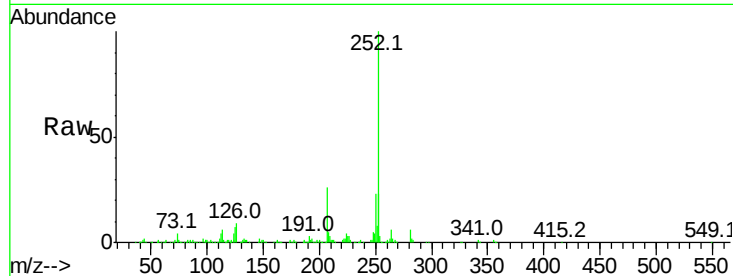
#88
Benzo(a)pyrene
Concen: 2.49 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	7.4	6.6	9.8

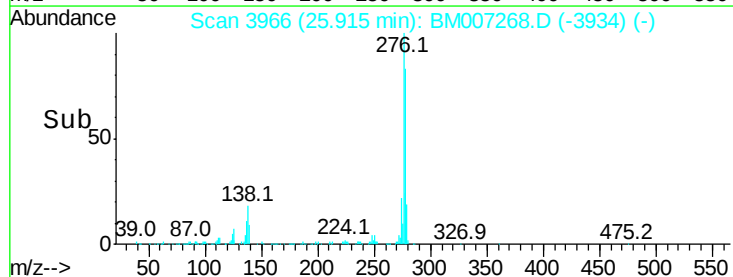
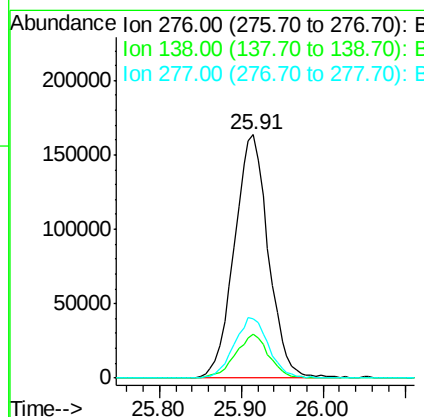
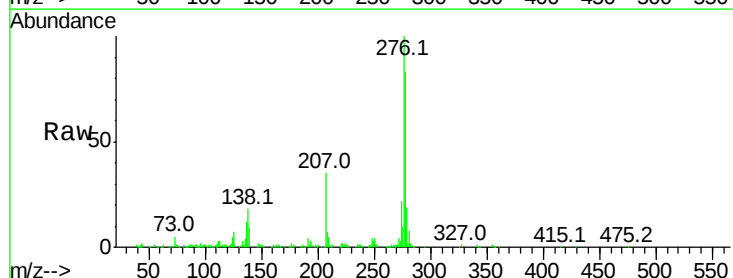
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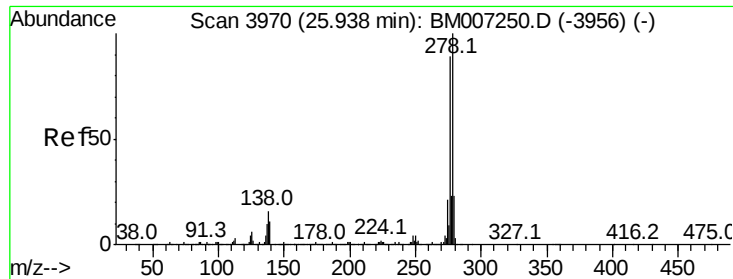
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.42 ng/ul
RT: 25.91 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	13.9	20.9
277	24.3	20.1	30.1





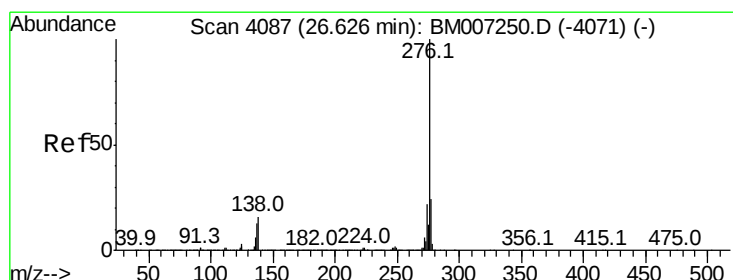
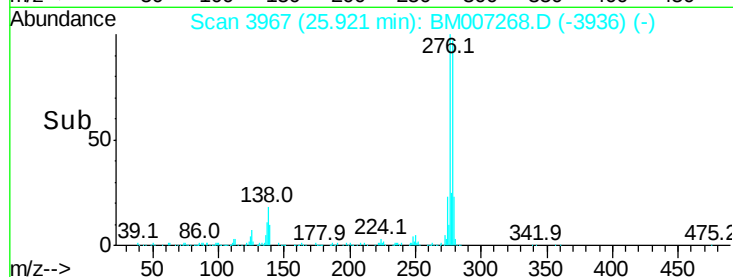
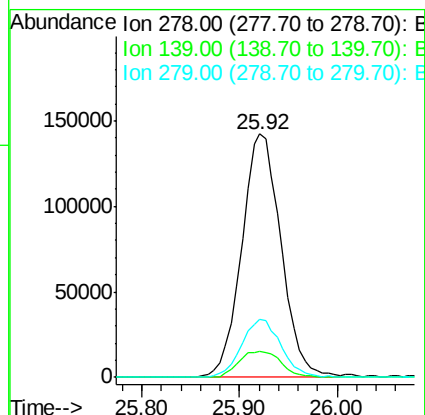
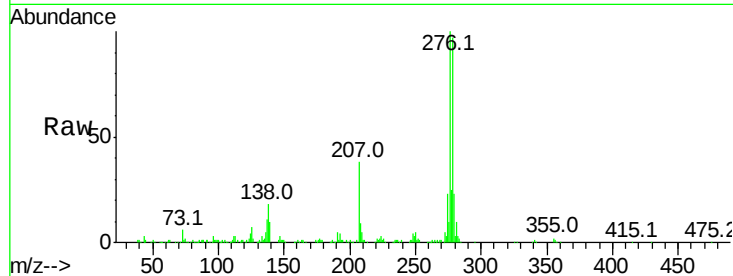
#90
Dibenzo(a,h)anthracene
Concen: 2.45 ng/ul
RT: 25.92 min Scan# 3967
Delta R.T. -0.02 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tot Ion:	278	Resp:	399713
Ion Ratio	Lower	Upper	
278	100		
139	10.5	9.5	14.3
279	24.1	19.1	28.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.38 ng/ul
RT: 26.61 min Scan# 4084
Delta R.T. -0.02 min
Lab File: BM007268.D
Acq: 24 Aug 2016 00:43

Tgt Ion:	276	Resp:	396235
Ion Ratio	Lower	Upper	
276	100		
138	16.0	13.5	20.3
277	24.6	19.3	28.9

