

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
 Data File : BM007254.D
 Acq On : 23 Aug 2016 16:13
 Operator : UM/SJ
 Sample : MDL-01-S
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S

Manual Integrations
 APPROVED

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 8/24/2016 4:15:08 PM

Quant Time: Aug 23 16:48:02 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	137653	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	695542	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	514389	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1441563	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2156367	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2411498	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	6874	2.55	ng/uL	0.00
5) Phenol-d5	6.97	99	291772	22.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	175220	25.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	230918	24.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	262794	23.17	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	126639	24.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	147037	24.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	268309	22.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	385187	26.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1177945	26.54	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1303075	25.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	208360	24.87	ng/ul	0.00
57) Fluorene-d10	15.43	176	993540	25.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	203555	22.46	ng/ul	0.00
70) Anthracene-d10	17.27	188	1729955	25.69	ng/ul	0.00
76) Pyrene-d10	19.57	212	2205531	24.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2814566	25.34	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.35	88	1727	0.57 ng/uL#	44
4) Benzaldehyde	6.95	77	18982	2.56 ng/ul	94
6) Phenol	7.00	94	25967	1.93 ng/ul	90
8) Bis(2-Chloroethyl)ether	7.23	93	21351	2.27 ng/ul	95
10) 2-Chlorophenol	7.37	128	19823	2.01 ng/ul	94
11) 2-Methylphenol	8.25	108	18553	1.76 ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.34	45	22564	2.13 ng/ul	94
14) Acetophenone	8.62	105	37758	2.17 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	19936	2.16 ng/ul	96
16) 4-Methylphenol	8.56	108	21816	1.84 ng/ul	88
17) Hexachloroethane	8.87	117	8180	2.14 ng/ul	96
20) Nitrobenzene	9.00	77	28179	2.15 ng/ul	94
21) Isophorone	9.52	82	56346	2.11 ng/ul	99
23) 2-Nitrophenol	9.70	139	12330	1.90 ng/ul	91
24) 2,4-Dimethylphenol	9.76	107	28508	1.99 ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.00	93	31408	2.09 ng/ul	95
27) 2,4-Dichlorophenol	10.23	162	22873	1.94 ng/ul#	84
28) Naphthalene	10.64	128	73294	2.12 ng/ul	97
30) 4-Chloroaniline	10.75	127	32452	2.13 ng/ul	97
31) Hexachlorobutadiene	10.92	225	17541	2.20 ng/ul	97
32) Caprolactam	11.54	113	8615m	1.81 ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	27195	1.86 ng/ul	98
34) 2-Methylnaphthalene	12.25	142	59410	2.10 ng/ul	94

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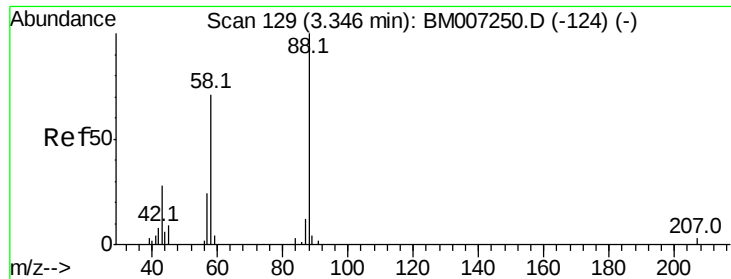
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Quant Time: Aug 23 16:48:02 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	35441	2.07	ng/ul	95
37) Hexachlorocyclopentadiene	12.60	237	16004	1.55	ng/ul#	92
38) 2,4,6-Trichlorophenol	12.86	196	22520	1.86	ng/ul	96
39) 2,4,5-Trichlorophenol	12.93	196	23059	1.83	ng/ul	94
40) 1,1'-Biphenyl	13.26	154	85470	2.14	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	65974	2.11	ng/ul	97
42) 2-Nitroaniline	13.51	65	17907	1.75	ng/ul	91
44) Dimethylphthalate	13.89	163	99913	2.26	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	15900	1.76	ng/ul#	92
47) Acenaphthylene	14.16	152	111687	2.11	ng/ul	99
48) 3-Nitroaniline	14.34	138	17195	1.86	ng/ul	95
49) Acenaphthene	14.50	153	72714	2.11	ng/ul	98
50) 2,4-Dinitrophenol	14.55	184	7118	1.16	ng/ul#	91
52) 4-Nitrophenol	14.64	109	19229	2.16	ng/ul	96
53) Dibenzofuran	14.83	168	111093	2.16	ng/ul	96
54) 2,4-Dinitrotoluene	14.80	165	27465	1.98	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	25951	2.00	ng/ul	94
56) Diethylphthalate	15.26	149	101934	2.21	ng/ul	98
58) Fluorene	15.48	166	96276	2.27	ng/ul	94
59) 4-Chlorophenyl-phenylether	15.47	204	51108	2.30	ng/ul	98
60) 4-Nitroaniline	15.50	138	21267m	2.03	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.56	198	18428	1.90	ng/ul#	40
64) N-Nitrosodiphenylamine	15.69	169	85473	2.12	ng/ul	96
65) 4-Bromophenyl-phenylether	16.37	248	33232	2.04	ng/ul	94
66) Hexachlorobenzene	16.49	284	39277	2.16	ng/ul	93
67) Atrazine	16.64	200	33469	1.97	ng/ul	97
68) Pentachlorophenol	16.83	266	18969	1.61	ng/ul	98
69) Phenanthrene	17.22	178	170522	2.20	ng/ul	97
71) Anthracene	17.31	178	174330	2.18	ng/ul	98
72) Carbazole	17.58	167	152181	2.19	ng/ul	99
73) Di-n-butylphthalate	18.14	149	175287	2.01	ng/ul	98
74) Fluoranthene	19.23	202	222823	2.29	ng/ul	98
77) Pyrene	19.60	202	249706	2.16	ng/ul	97
78) Butylbenzylphthalate	20.50	149	87728	1.82	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	90630	2.12	ng/ul	97
80) Benzo(a)anthracene	21.34	228	277857	2.19	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	136272	1.95	ng/ul	99
82) Chrysene	21.39	228	252777	2.20	ng/ul	97
84) Di-n-octyl phthalate	22.16	149	246253	2.05	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	317903	2.23	ng/ul	97
86) Benzo(k)fluoranthene	22.99	252	278758	2.12	ng/ul	100
88) Benzo(a)pyrene	23.53	252	310769	2.28	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	368099	2.20	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	308639	2.22	ng/ul	99
91) Benzo(g,h,i)perylene	26.62	276	308173	2.17	ng/ul	98

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



#2

1,4-Dioxane

Concen: 0.57 ng/uL

RT: 3.35 min Scan# 130

Delta R.T. 0.01 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Instrument :

BNA_M

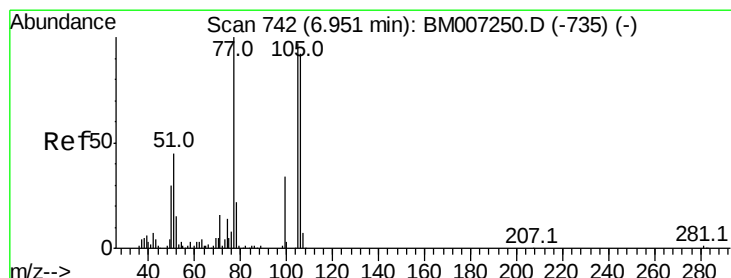
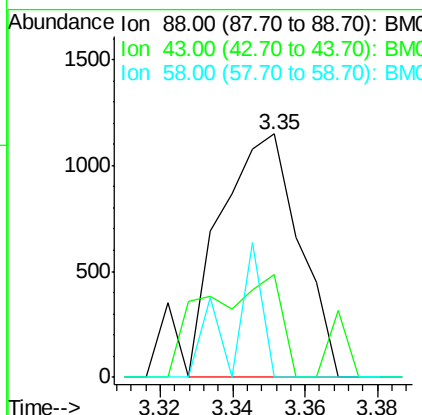
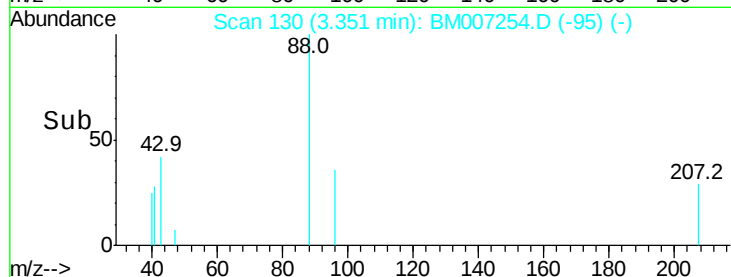
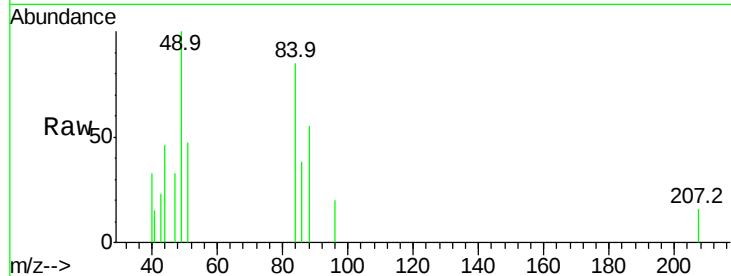
ClientSampleId :

MDL-01-S

Tot Ion:	88	Resp:	1727
Ion Ratio	Lower	Upper	
88	100		
43	18.4	22.6	34.0#
58	13.1	57.3	85.9#

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#4

Benzaldehyde

Concen: 2.56 ng/uL

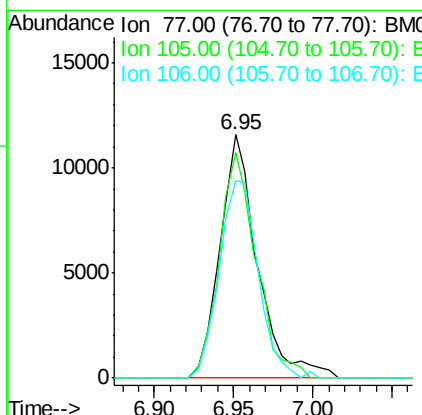
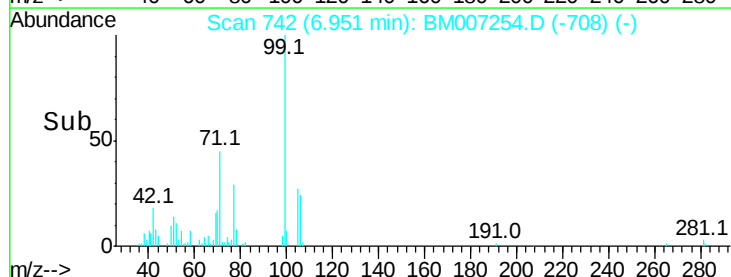
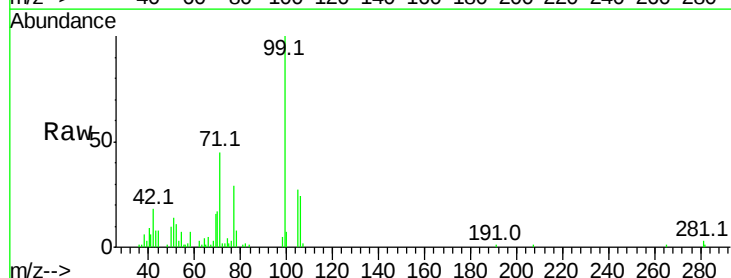
RT: 6.95 min Scan# 742

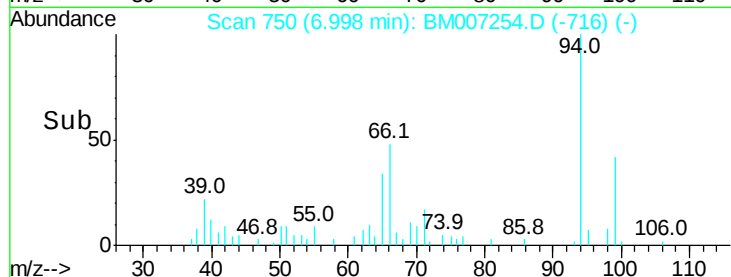
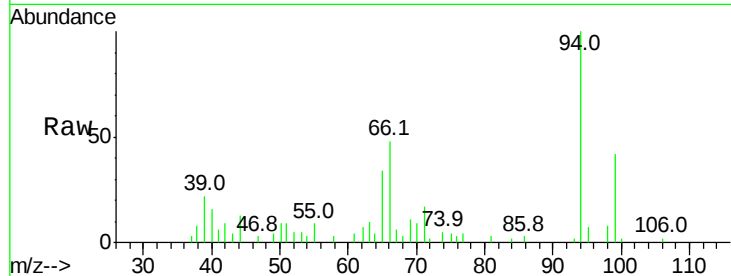
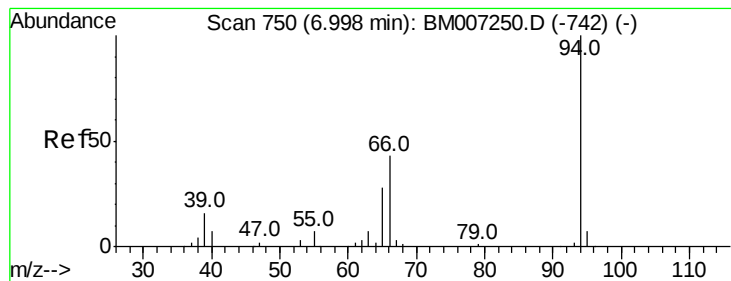
Delta R.T. -0.00 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Tgt Ion:	77	Resp:	18982
Ion Ratio	Lower	Upper	
77	100		
105	92.9	76.9	115.3
106	81.0	71.8	107.8





#6

Phenol

Concen: 1.93 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Tot Ion:	94	Resp:	25967
Ion Ratio	Lower	Upper	
94	100		
65	34.4	23.9	35.9
66	48.5	33.5	50.3

Instrument :

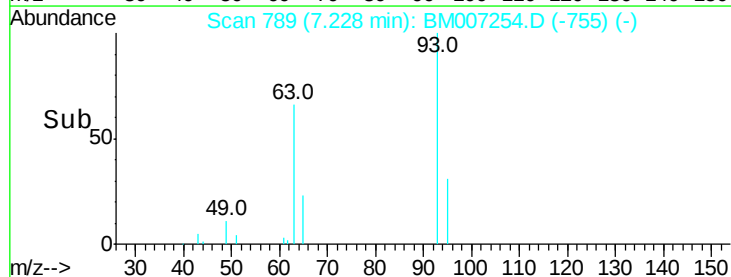
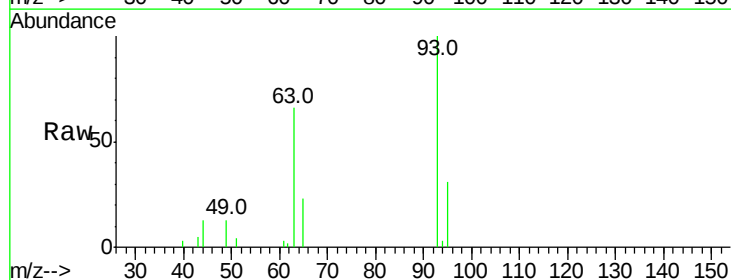
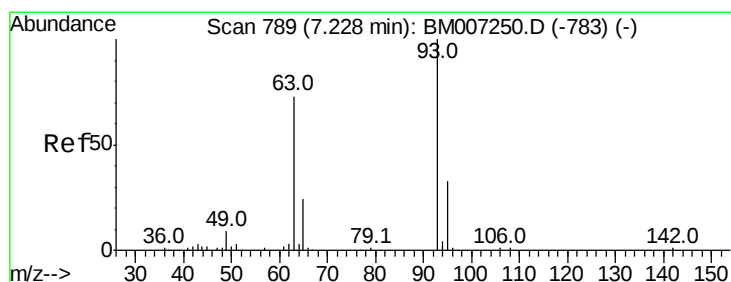
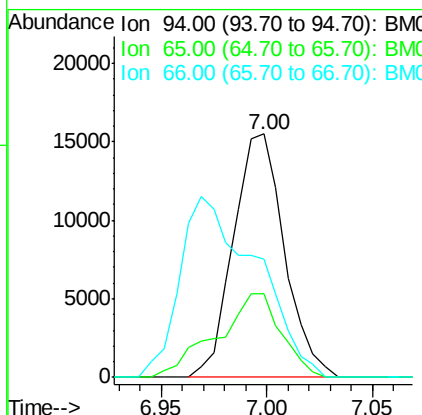
BNA_M

ClientSampled :

MDL-01-S

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#8

Bis(2-Chloroethyl)ether

Concen: 2.27 ng/ul

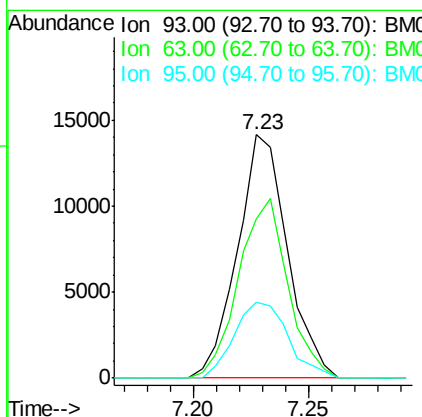
RT: 7.23 min Scan# 789

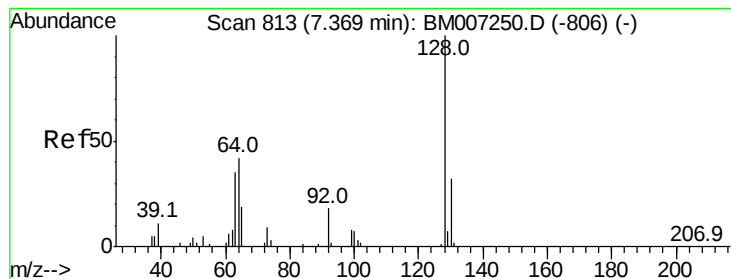
Delta R.T. -0.00 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Tgt Ion:	93	Resp:	21351
Ion Ratio	Lower	Upper	
93	100		
63	65.6	57.3	85.9
95	31.2	25.1	37.7





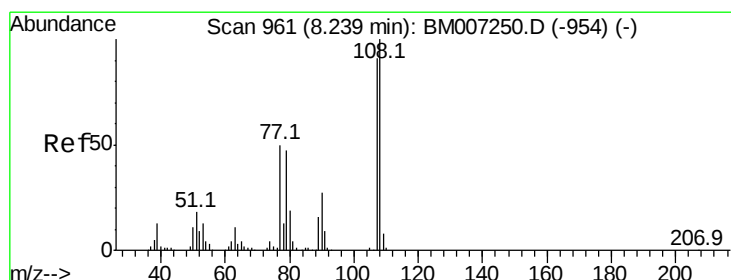
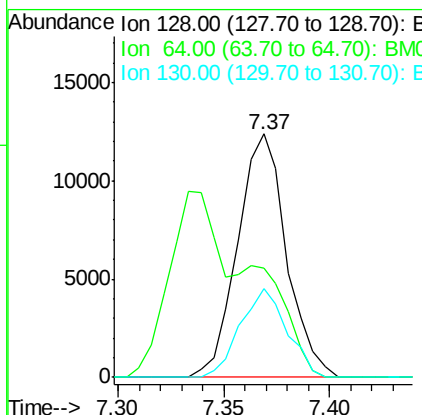
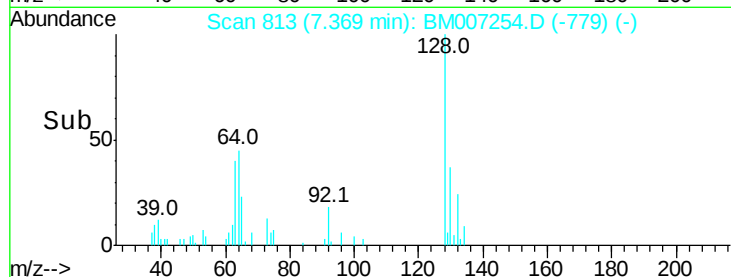
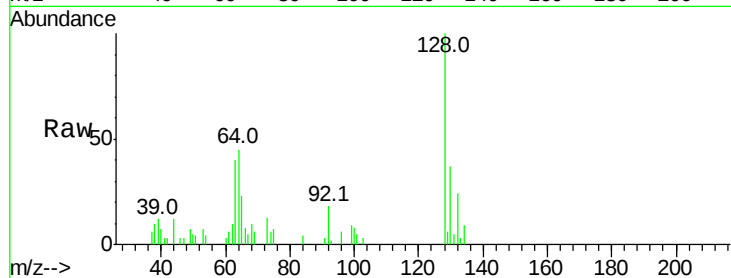
#10
2-Chlorophenol
Concen: 2.01 ng/ul
RT: 7.37 min Scan# 813
Delta R.T. -0.00 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Instrument :
BNA_M
ClientSampleId :
MDL-01-S

Tot Ion	Ratio	Resp	Lower	Upper
128	100	19823		
64	45.0		37.5	56.3
130	36.5		25.0	37.4

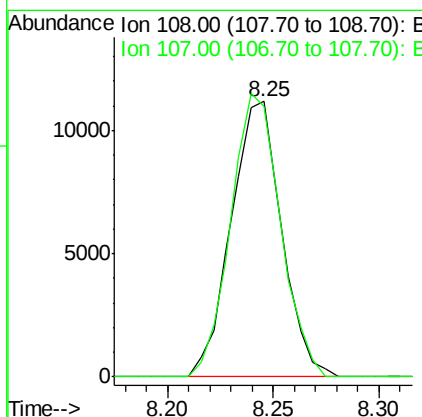
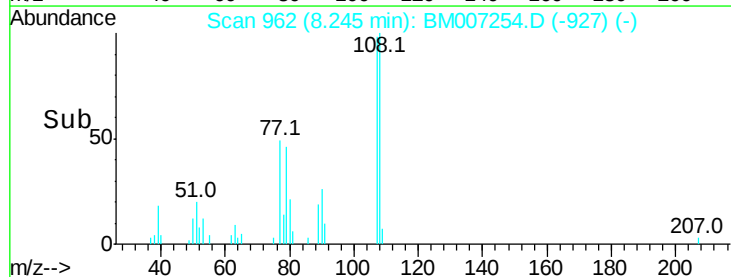
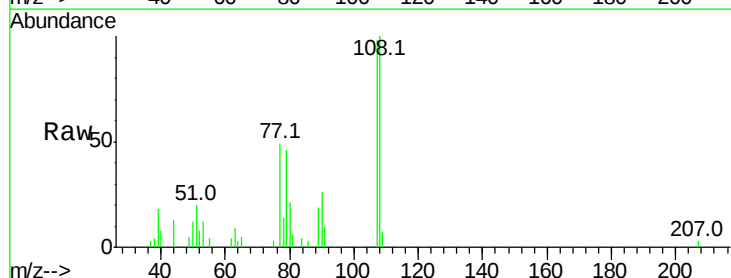
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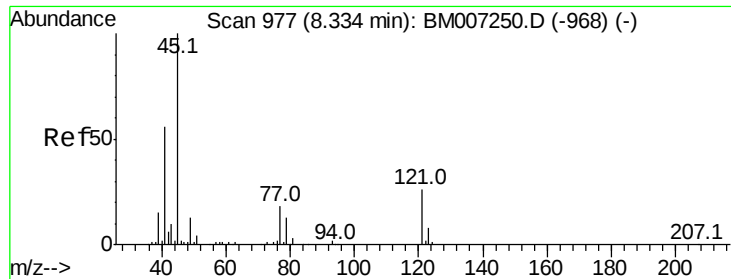
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#11
2-Methylphenol
Concen: 1.76 ng/ul
RT: 8.25 min Scan# 962
Delta R.T. 0.01 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	18553		
107	98.3		71.8	107.6





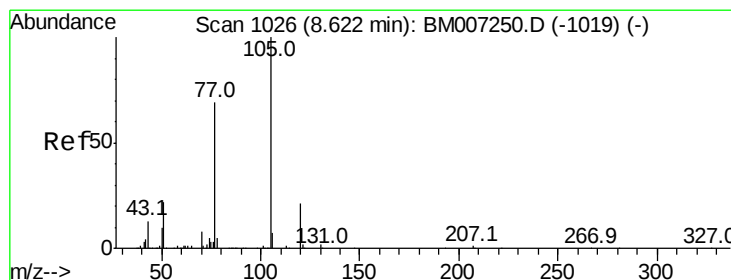
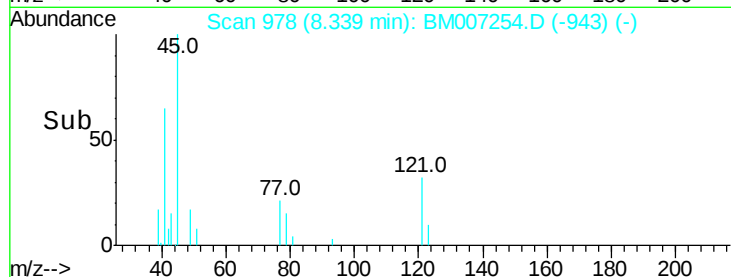
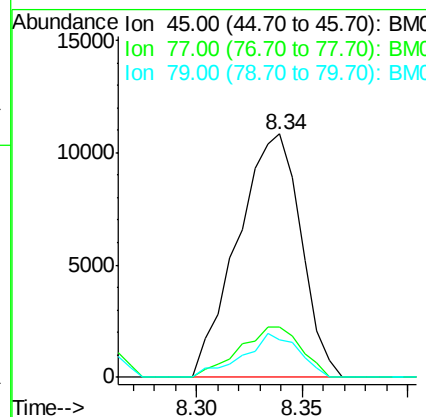
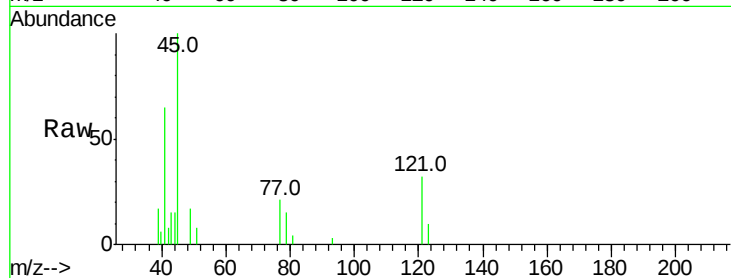
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 2.13 ng/ul
RT: 8.34 min Scan# 978
Delta R.T. 0.01 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

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Tot Ion:	45	Resp:	22564
Ion Ratio	Lower	Upper	
45	100		
77	20.6	14.1	21.1
79	15.2	10.4	15.6

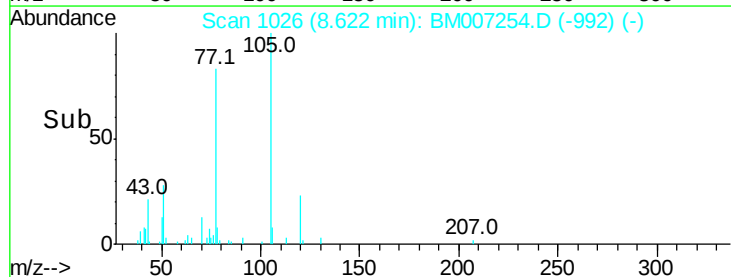
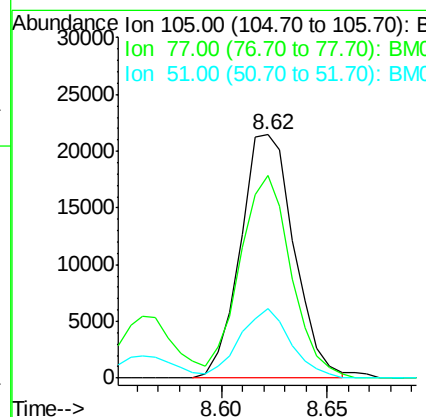
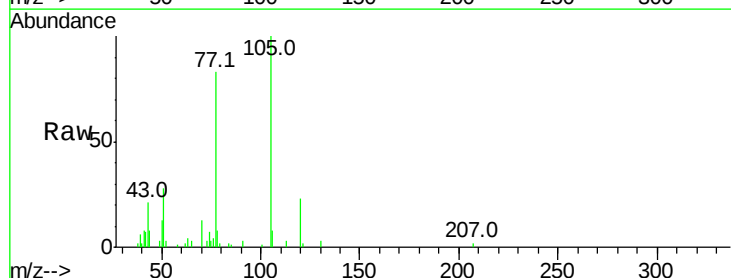
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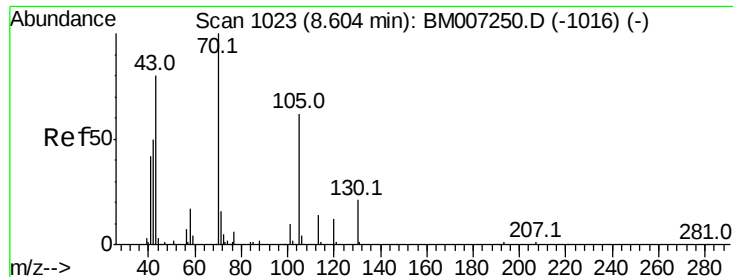
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#14
Acetophenone
Concen: 2.17 ng/ul
RT: 8.62 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Tgt Ion:	105	Resp:	37758
Ion Ratio	Lower	Upper	
105	100		
77	83.2	65.9	98.9
51	28.4	22.2	33.2





#15

N-Nitroso-di-n-propylamine

Concen: 2.16 ng/ul

RT: 8.60 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Instrument :

BNA_M

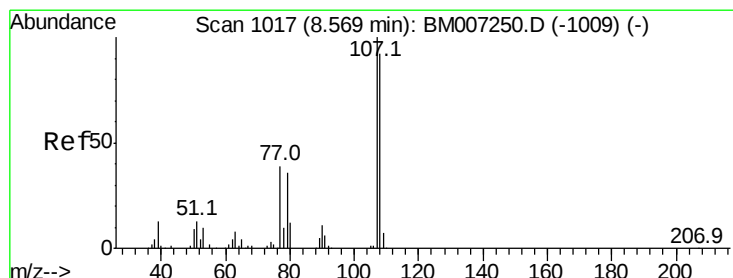
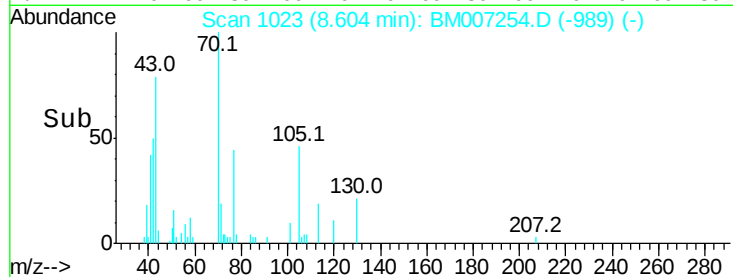
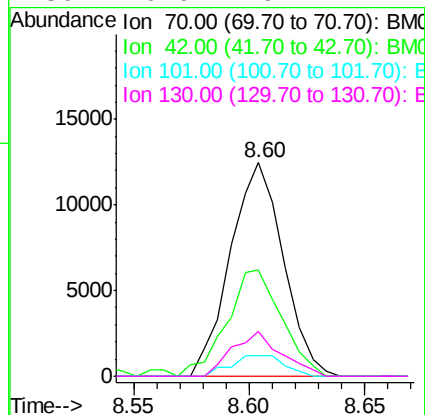
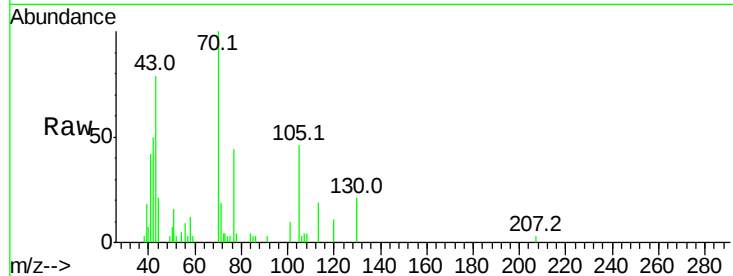
ClientSampleId :

MDL-01-S

Tot Ion:	70	Resp:	19936
Ion Ratio	Lower	Upper	
70	100		
42	50.0	43.4	65.2
101	9.6	7.8	11.6
130	20.9	16.2	24.4

Manual Integrations
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#16

4-Methylphenol

Concen: 1.84 ng/ul

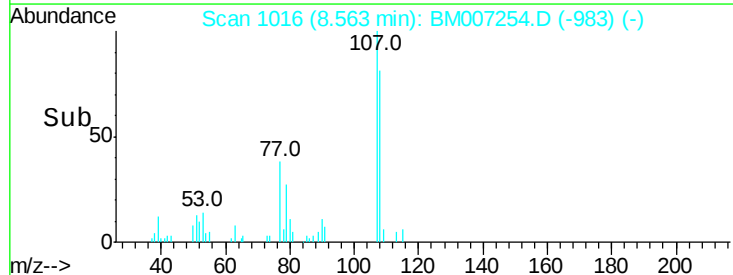
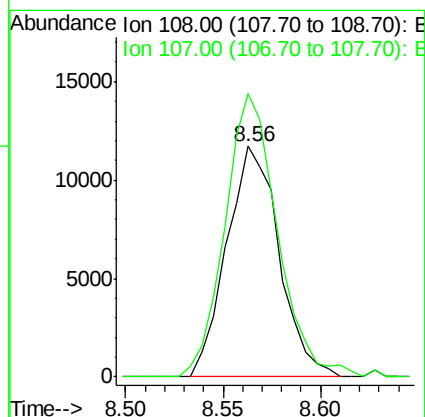
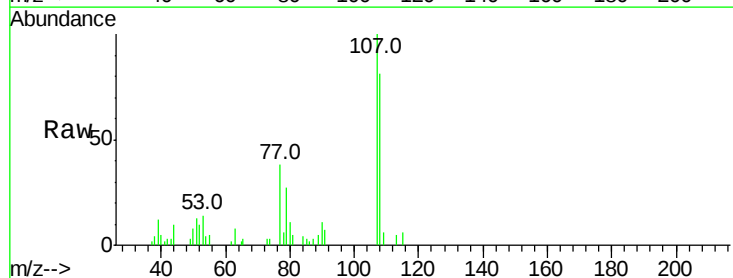
RT: 8.56 min Scan# 1016

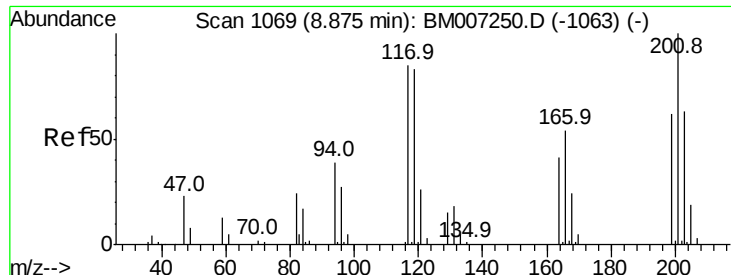
Delta R.T. -0.01 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Tgt Ion:	108	Resp:	21816
Ion Ratio	Lower	Upper	
108	100		
107	122.7	87.8	131.8





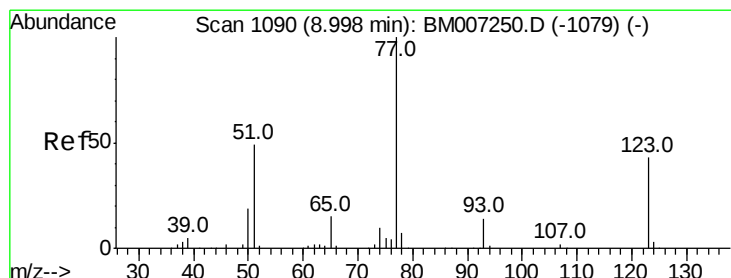
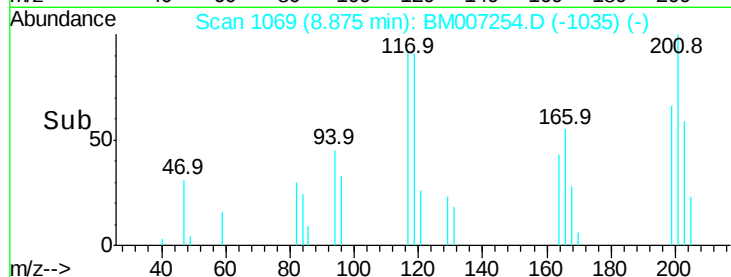
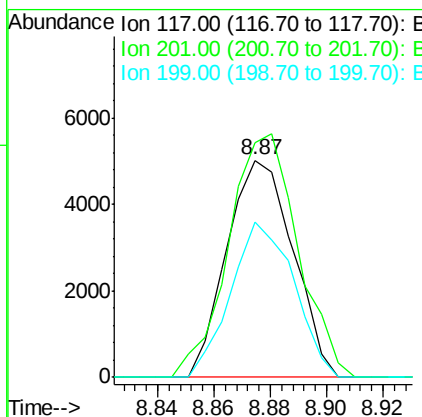
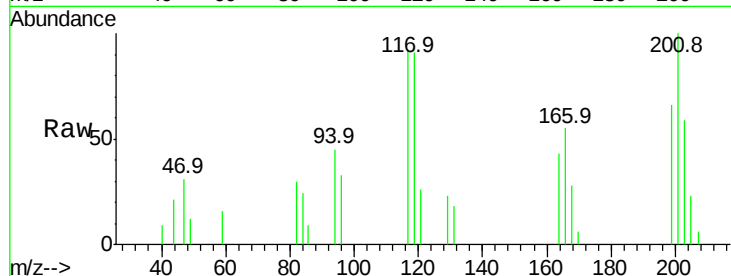
#17
 Hexachloroethane
 Concen: 2.14 ng/ul
 RT: 8.87 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BM007254.D
 Acq: 23 Aug 2016 16:13

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S

Tot Ion:	117	Resp:	8180
Ion	Ratio	Lower	Upper
117	100		
201	108.1	90.3	135.5
199	71.2	58.5	87.7

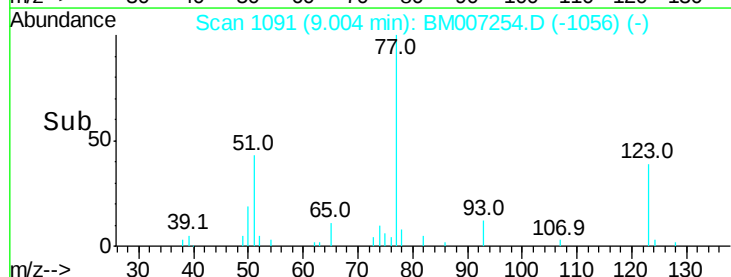
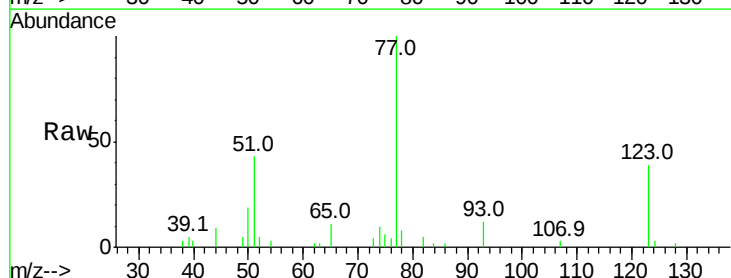
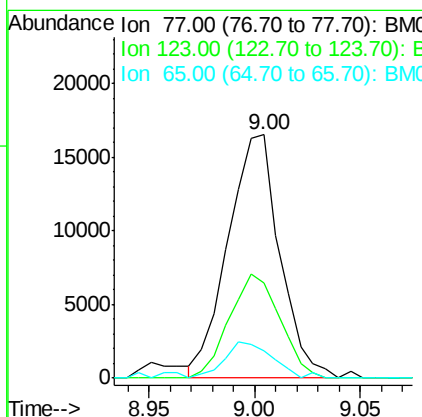
Manual Integrations
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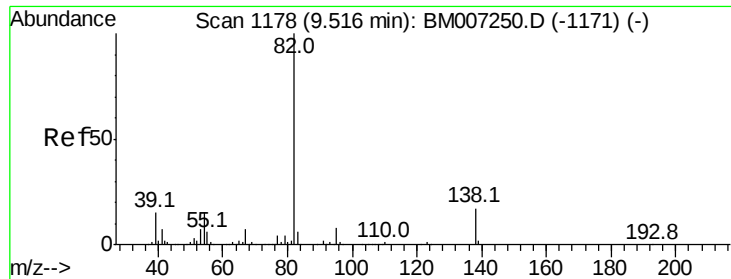
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#20
 Nitrobenzene
 Concen: 2.15 ng/ul
 RT: 9.00 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: BM007254.D
 Acq: 23 Aug 2016 16:13

Tgt Ion:	77	Resp:	28179
Ion	Ratio	Lower	Upper
77	100		
123	38.9	34.2	51.4
65	11.1	11.0	16.6





#21

Isophorone

Concen: 2.11 ng/ul

RT: 9.52 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Instrument :

BNA_M

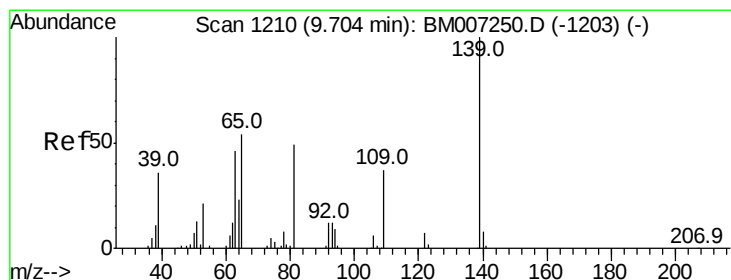
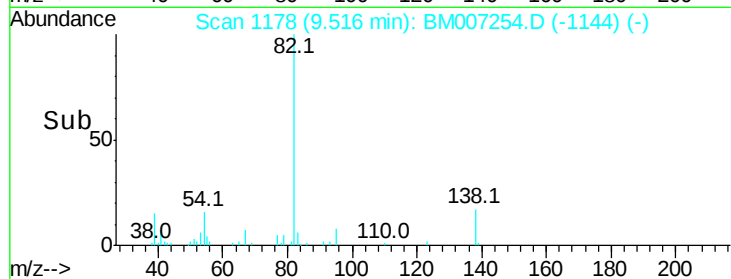
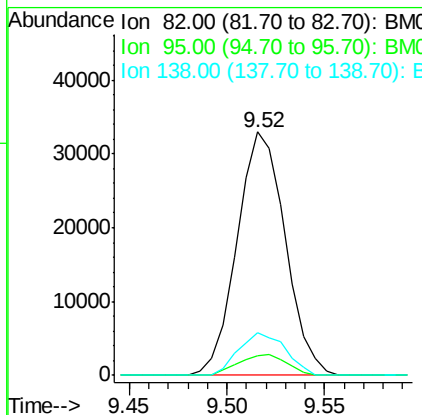
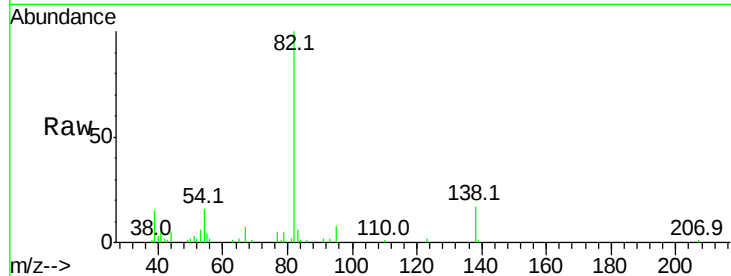
ClientSampleId :

MDL-01-S

Tot Ion:	82	Resp:	56346
Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.9	10.3
138	17.5	13.8	20.8

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#23

2-Nitrophenol

Concen: 1.90 ng/ul

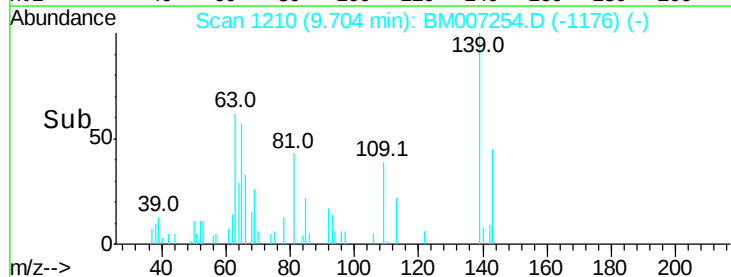
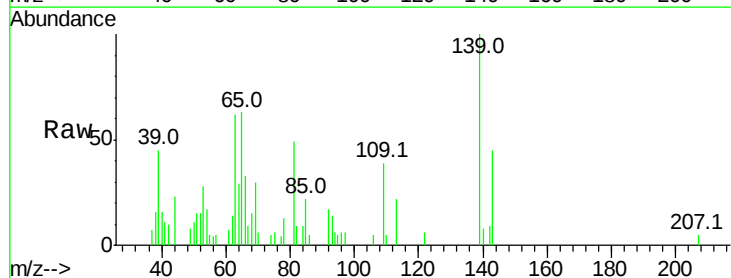
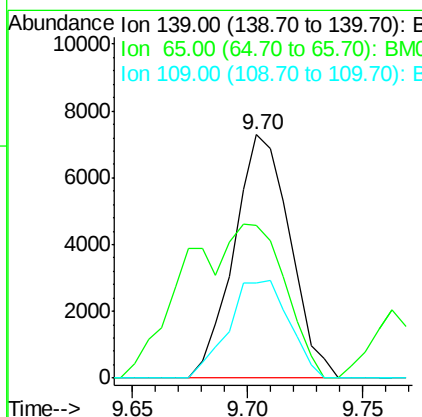
RT: 9.70 min Scan# 1210

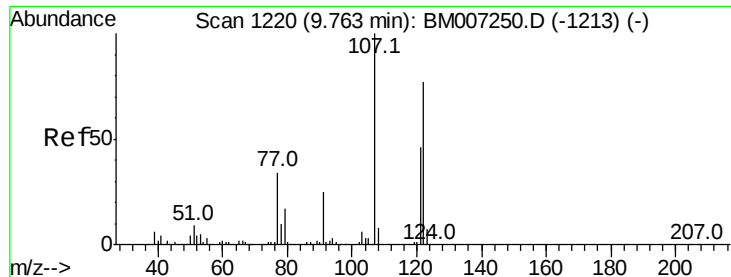
Delta R.T. -0.00 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Tgt Ion:	139	Resp:	12330
Ion	Ratio	Lower	Upper
139	100		
65	62.9	44.2	66.4
109	39.1	28.2	42.4





#24

2,4-Dimethylphenol

Concen: 1.99 ng/ul

RT: 9.76 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Instrument :

BNA_M

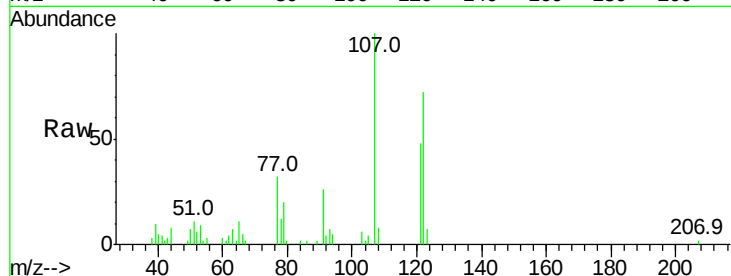
ClientSampleId :

MDL-01-S

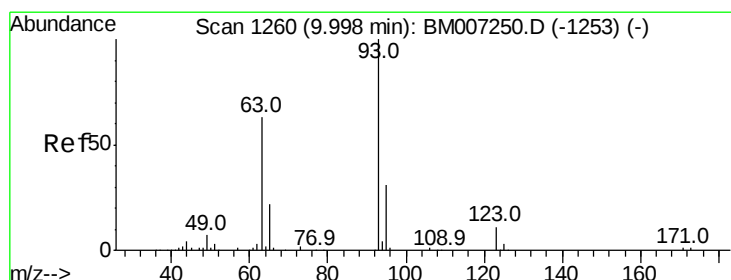
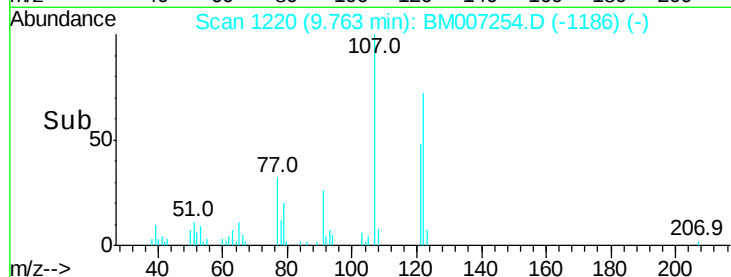
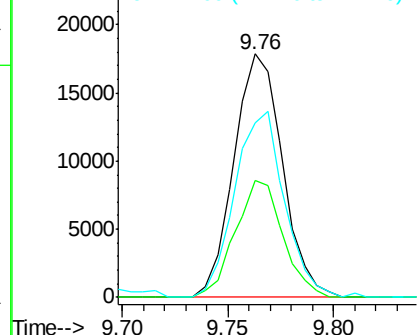
Tot Ion:	107	Resp:	28508
Ion Ratio	Lower	Upper	
107	100		
121	48.2	37.1	55.7
122	71.6	62.8	94.2

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 2.09 ng/ul

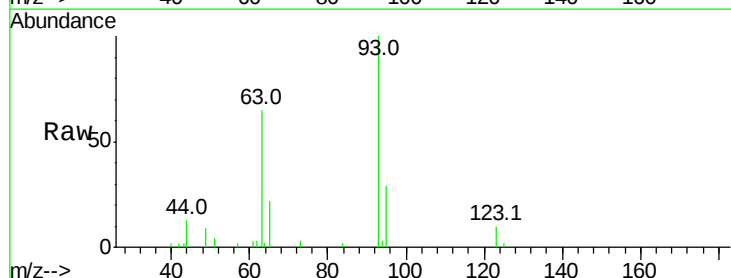
RT: 10.00 min Scan# 1260

Delta R.T. -0.00 min

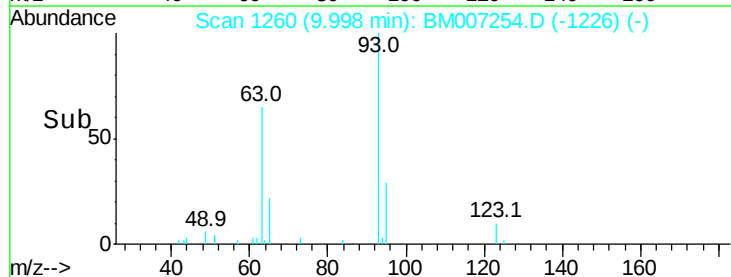
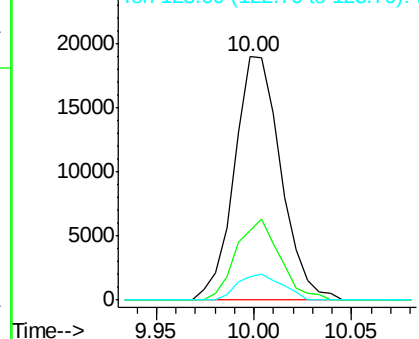
Lab File: BM007254.D

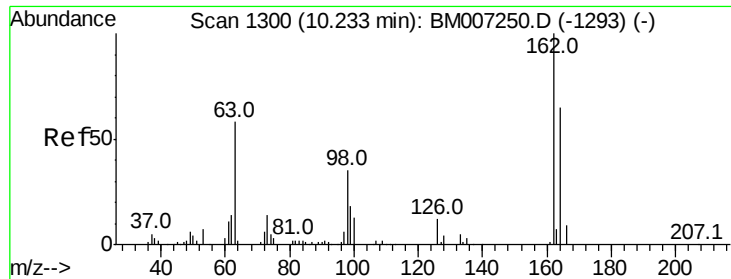
Acq: 23 Aug 2016 16:13

Tgt Ion:	93	Resp:	31408
Ion Ratio	Lower	Upper	
93	100		
95	28.7	25.4	38.0
123	9.5	8.3	12.5



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E





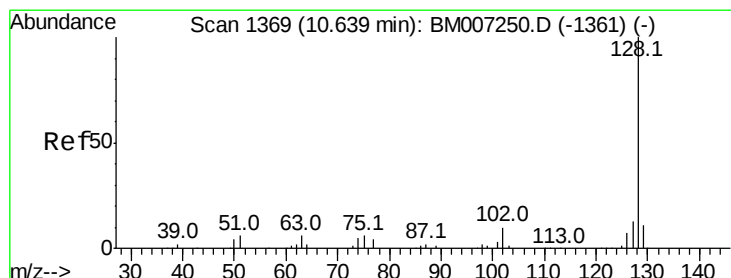
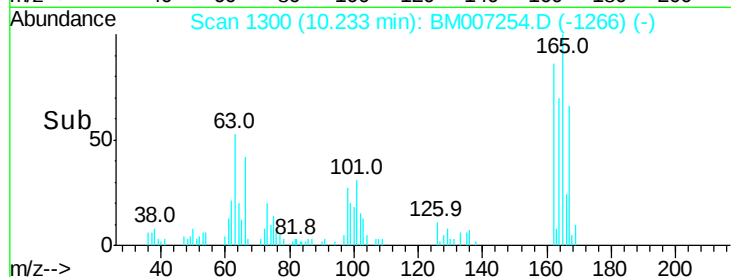
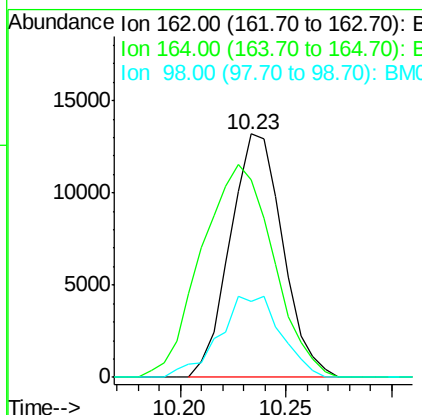
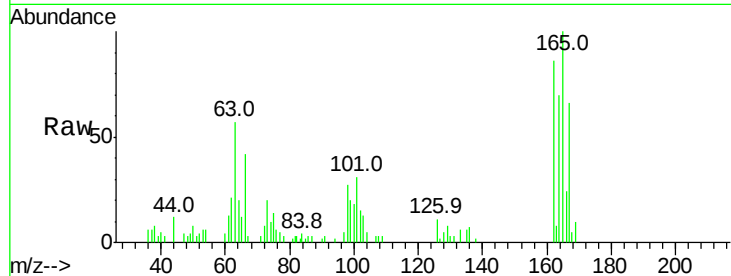
#27
2,4-Dichlorophenol
Concen: 1.94 ng/ul
RT: 10.23 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Instrument :
BNA_M
ClientSampleId :
MDL-01-S

Tot Ion	Ratio	Resp	Lower	Upper
162	100	22873		
164	81.1	51.6	77.4#	
98	31.1	28.4	42.6	

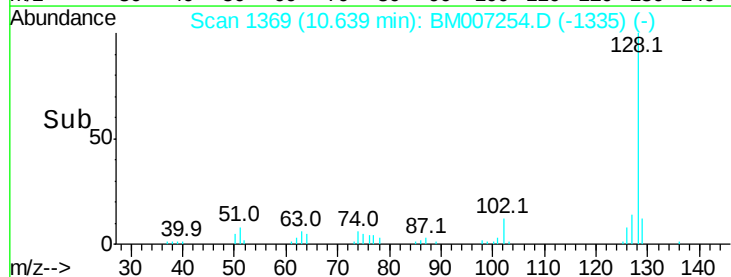
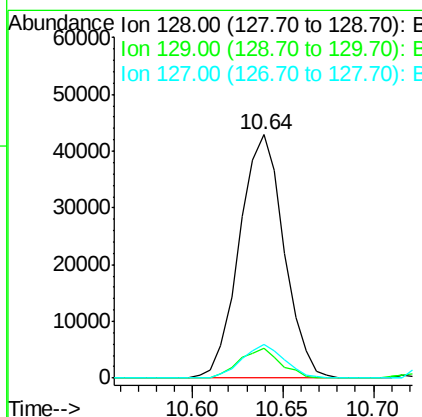
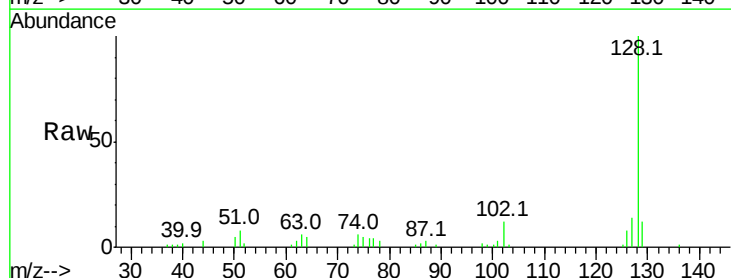
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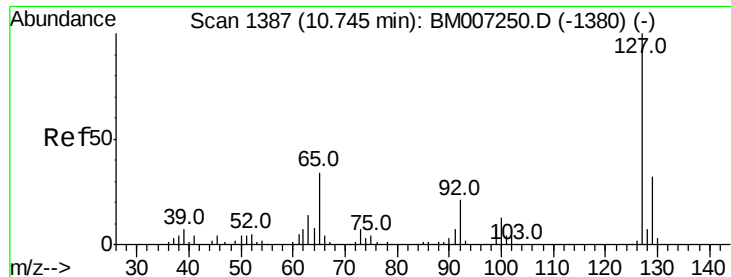
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#28
Naphthalene
Concen: 2.12 ng/ul
RT: 10.64 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	73294		
129	12.1	8.6	12.8	
127	14.0	10.6	15.8	





#30

4-Chloroaniline

Concen: 2.13 ng/ul

RT: 10.75 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Instrument :

BNA_M

ClientSampleId :

MDL-01-S

Tot Ion:127 Resp: 32452

Ion Ratio Lower Upper

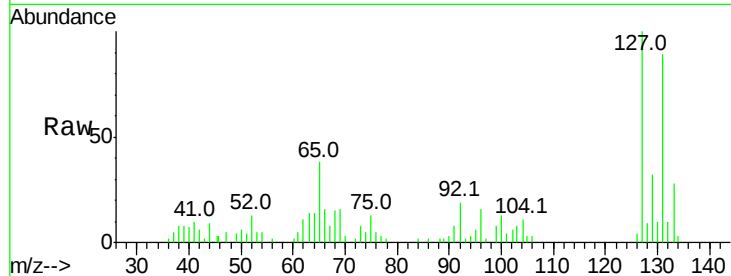
127 100

129 32.4 24.6 37.0

Manual Integrations
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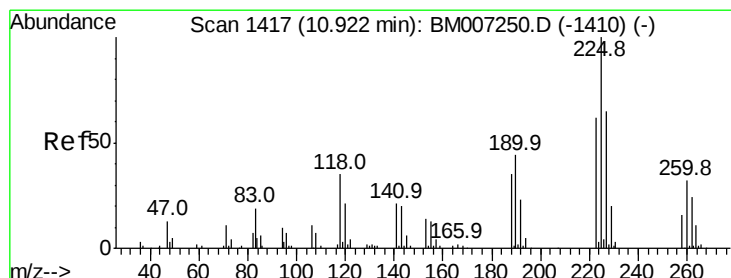
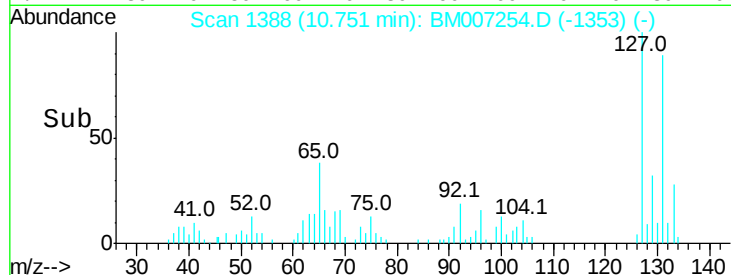
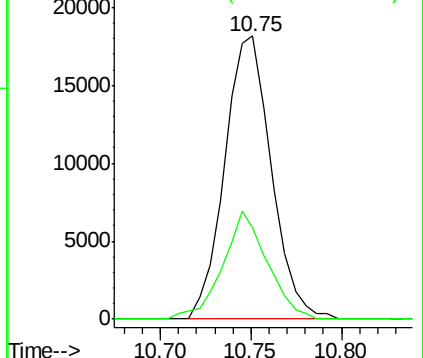
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Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 2.20 ng/ul

RT: 10.92 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

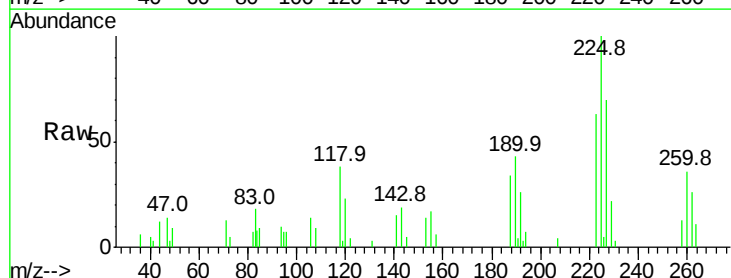
Tgt Ion:225 Resp: 17541

Ion Ratio Lower Upper

225 100

223 63.1 51.2 76.8

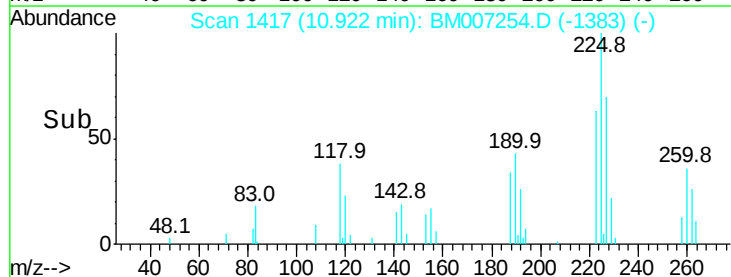
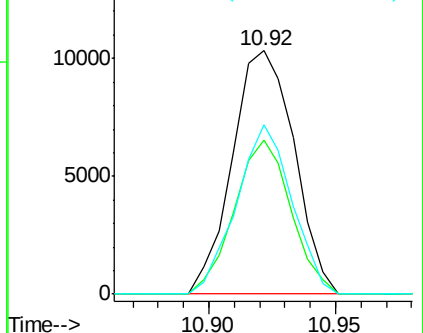
227 69.7 52.5 78.7

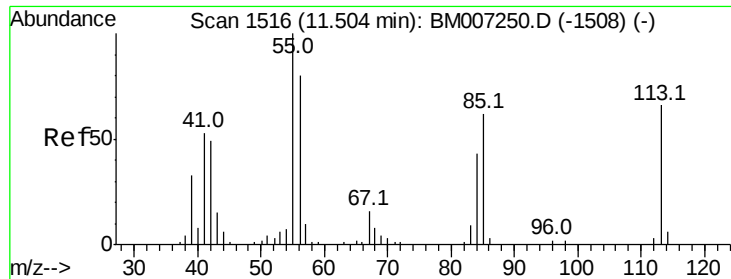


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 1.81 ng/ul m

RT: 11.54 min Scan# 1522

Delta R.T. 0.04 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Instrument :

BNA_M

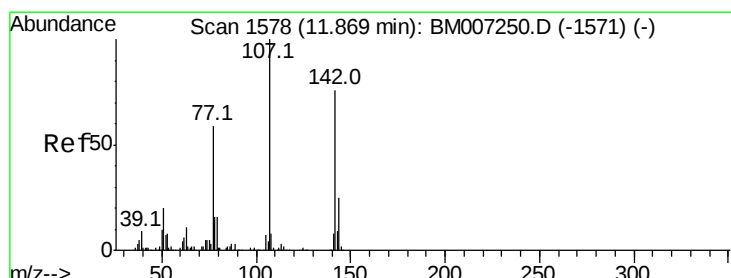
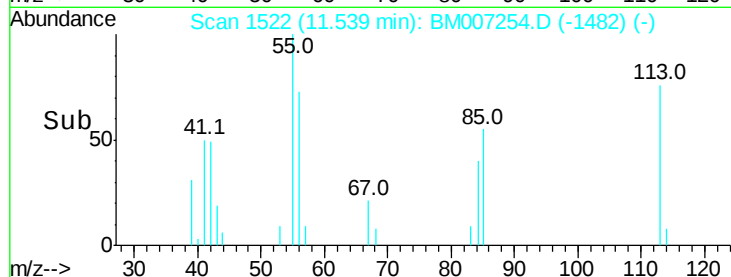
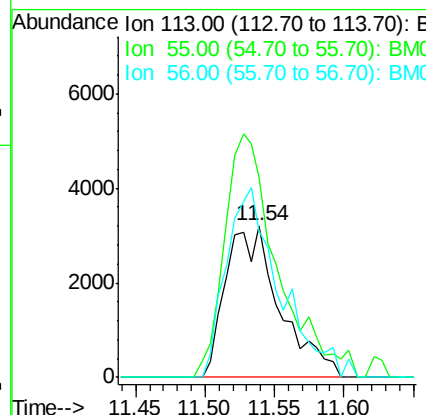
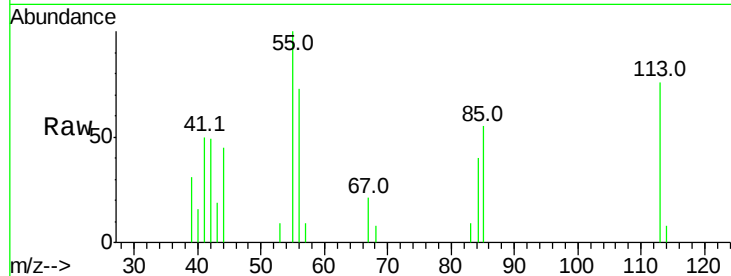
ClientSampled :

MDL-01-S

Tot Ion	Ratio	Lower	Upper
113	100		
55	131.8	121.9	182.9
56	96.4	97.4	146.0

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#33

4-Chloro-3-methylphenol

Concen: 1.86 ng/ul

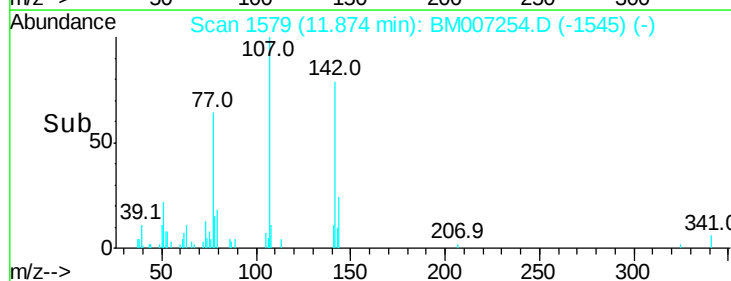
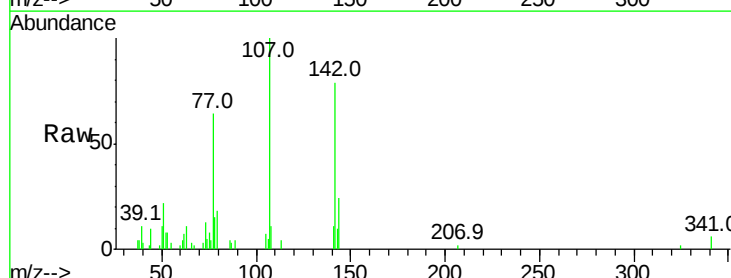
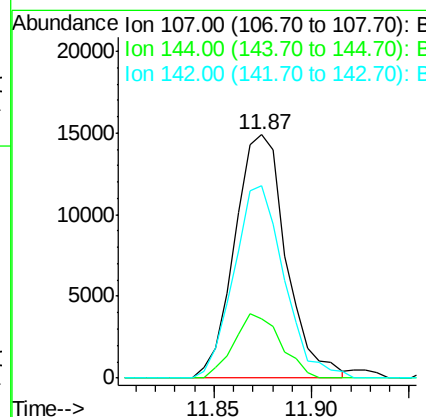
RT: 11.87 min Scan# 1579

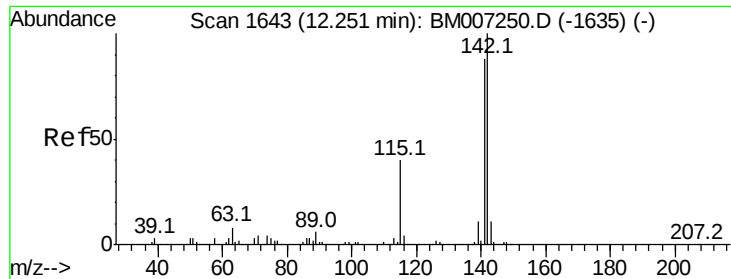
Delta R.T. -0.00 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	21.1	31.7
142	79.1	64.1	96.1





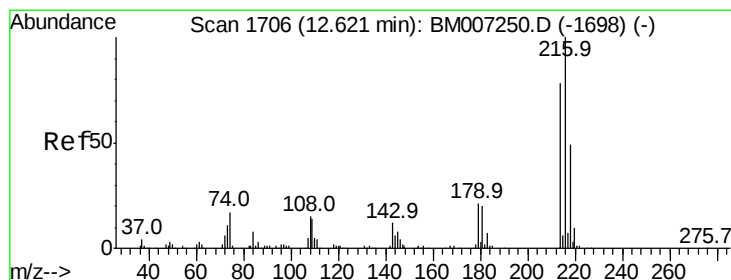
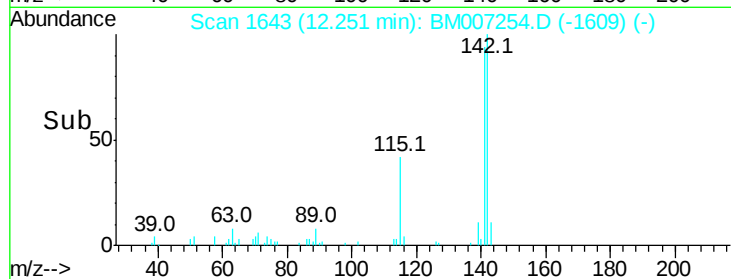
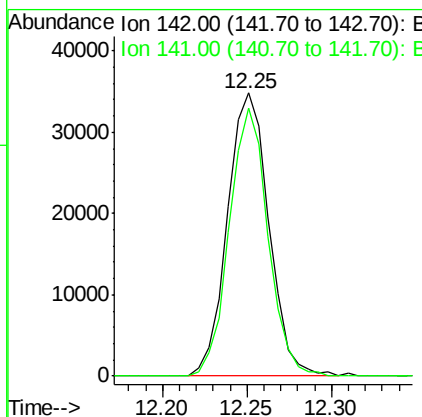
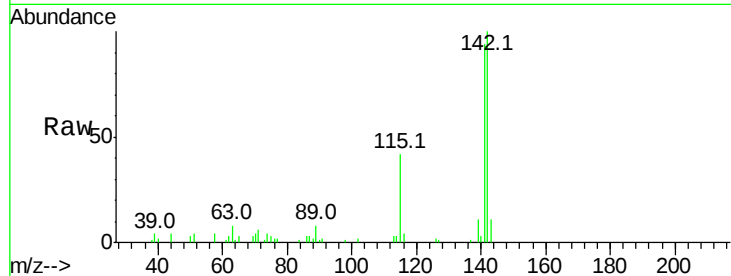
#34
2-Methylnaphthalene
Concen: 2.10 ng/ul
RT: 12.25 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Instrument :
BNA_M
ClientSampleId :
MDL-01-S

Tot Ion:142 Resp: 59410
Ion Ratio Lower Upper
142 100
141 94.5 71.3 106.9

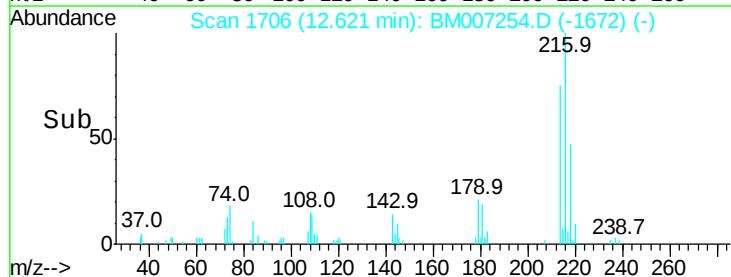
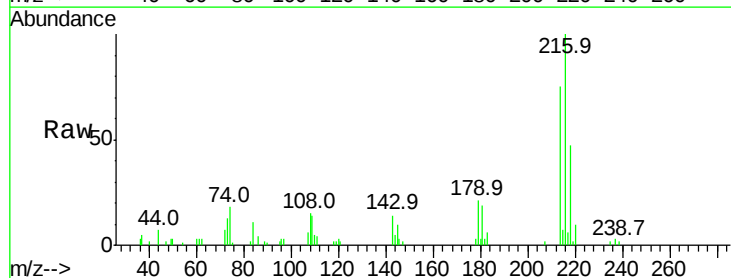
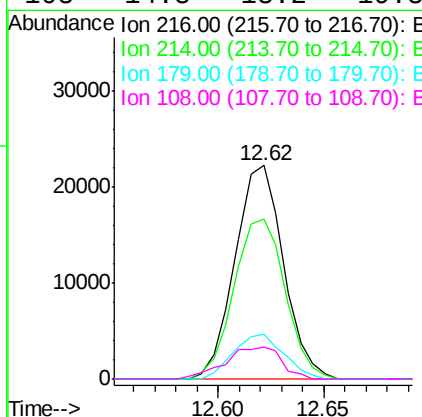
Manual Integrations
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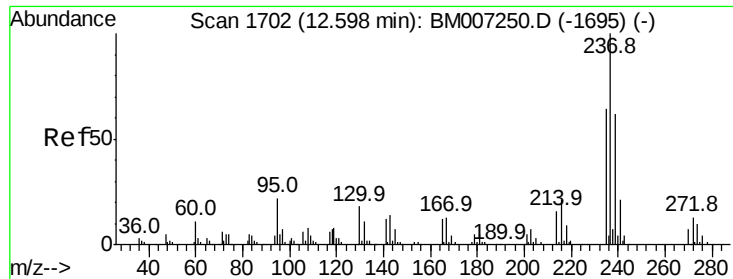
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 2.07 ng/ul
RT: 12.62 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Tgt Ion:216 Resp: 35441
Ion Ratio Lower Upper
216 100
214 75.1 64.8 97.2
179 21.1 16.7 25.1
108 14.8 13.2 19.8





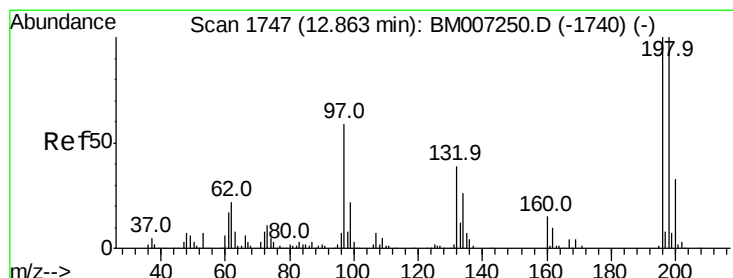
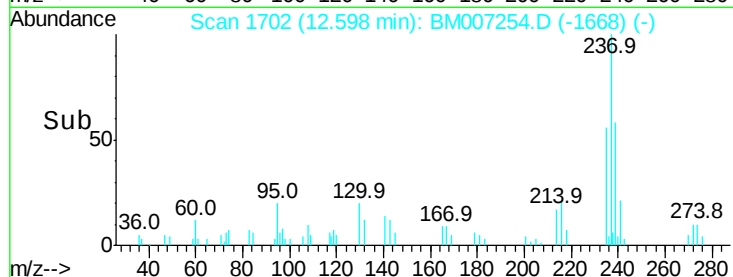
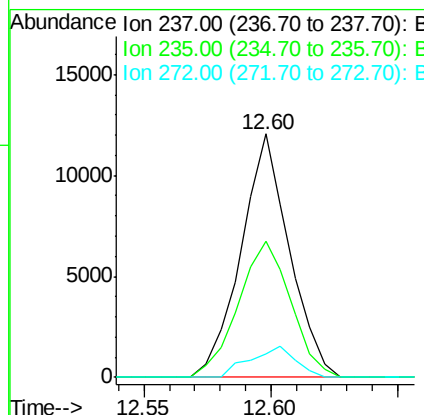
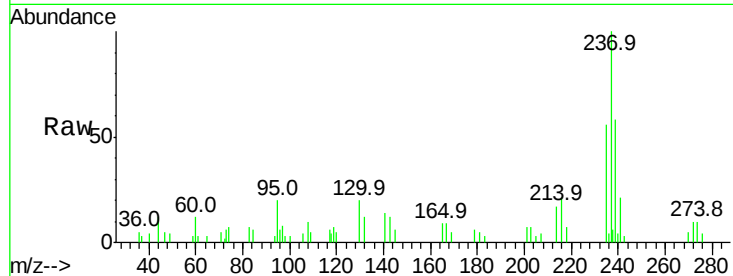
#37
Hexachlorocyclopentadiene
Concen: 1.55 ng/ul
RT: 12.60 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Instrument :
BNA_M
ClientSampleId :
MDL-01-S

Tot Ion	Ratio	Resp	Lower	Upper
237	100	16004		
235	55.9	49.6	74.4	
272	9.8	10.4	15.6	

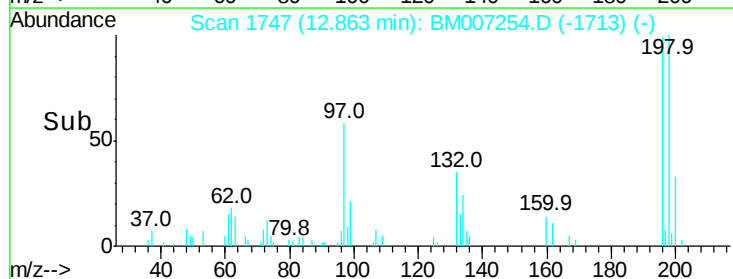
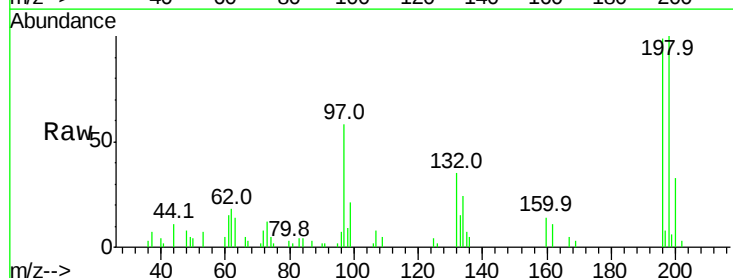
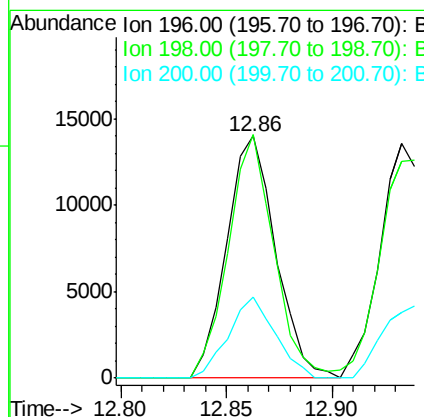
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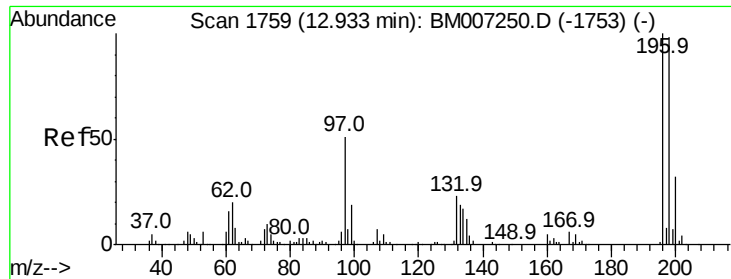
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#38
2,4,6-Trichlorophenol
Concen: 1.86 ng/ul
RT: 12.86 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	22520		
198	100.6	76.9	115.3	
200	33.7	25.1	37.7	





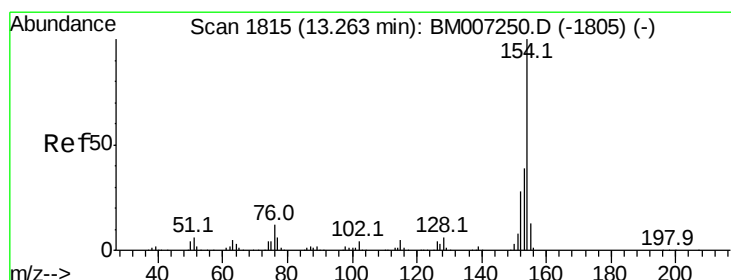
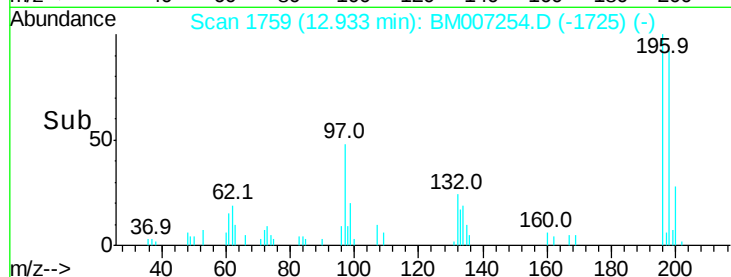
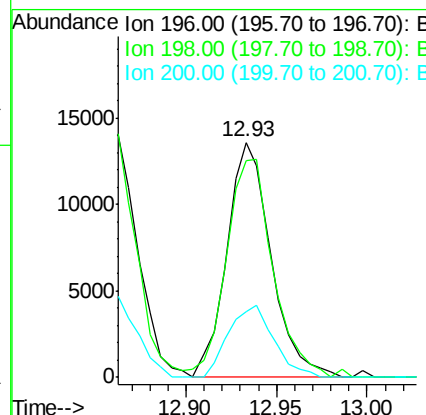
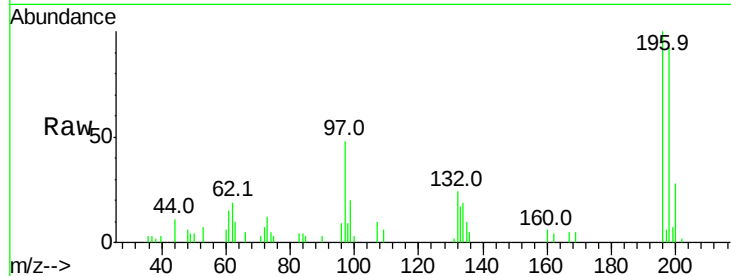
#39
 2,4,5-Trichlorophenol
 Concen: 1.83 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BM007254.D
 Acq: 23 Aug 2016 16:13

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-S

Tot Ion	Ratio	Resp	Lower	Upper
196	100	23059		
198	92.1	76.8	115.2	
200	27.8	27.0	40.4	

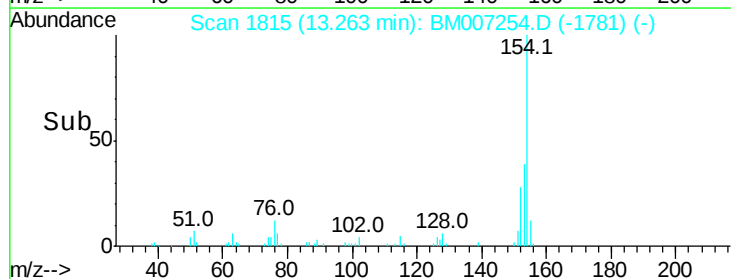
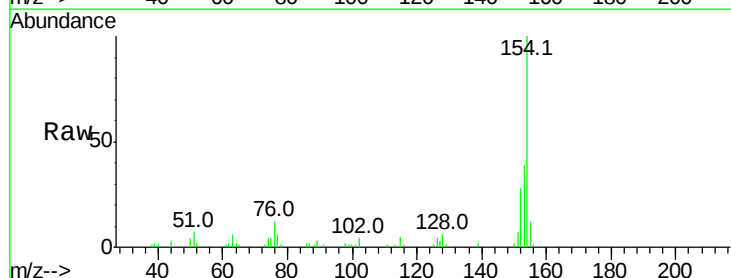
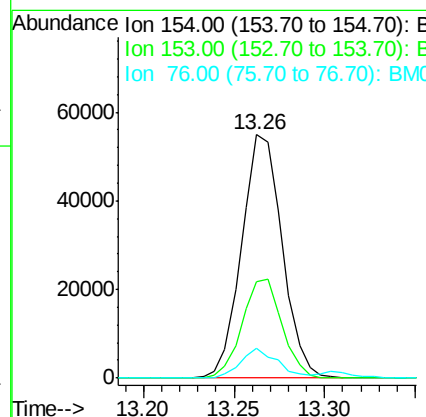
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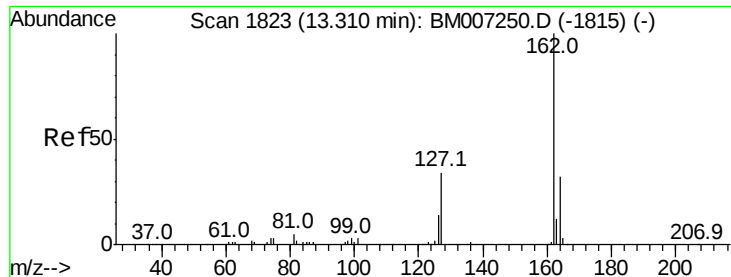
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#40
 1,1'-Biphenyl
 Concen: 2.14 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BM007254.D
 Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	85470		
153	39.5	31.3	46.9	
76	12.0	10.0	15.0	





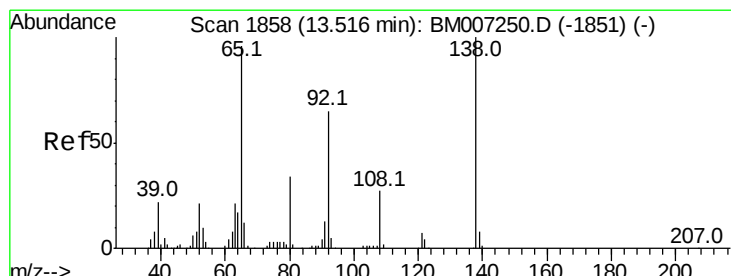
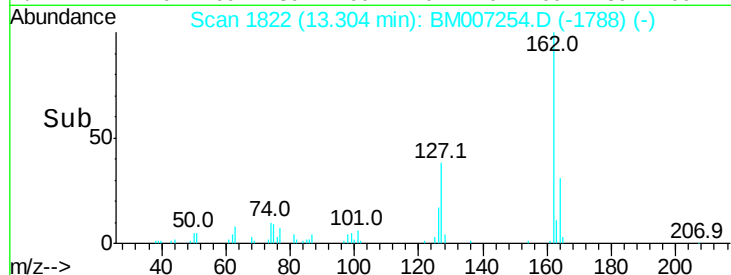
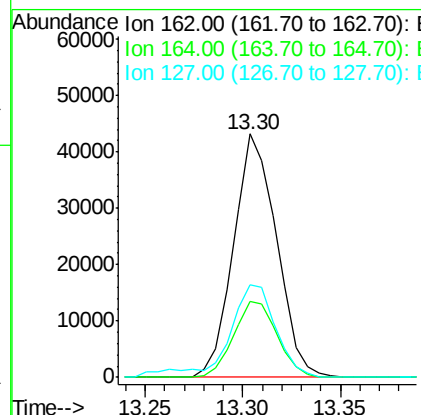
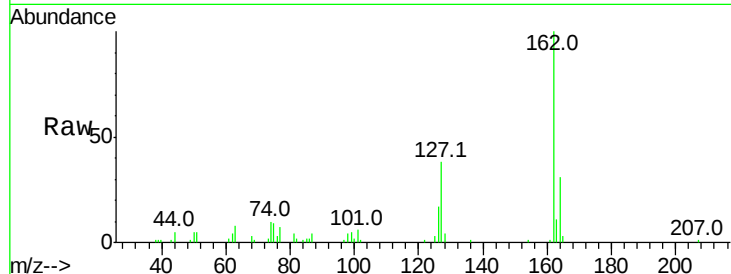
#41
2-Chloronaphthalene
Concen: 2.11 ng/ul
RT: 13.30 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Instrument :
BNA_M
ClientSampled :
MDL-01-S

Tot Ion	Ratio	Lower	Upper
162	100		
164	30.9	26.9	40.3
127	38.0	31.2	46.8

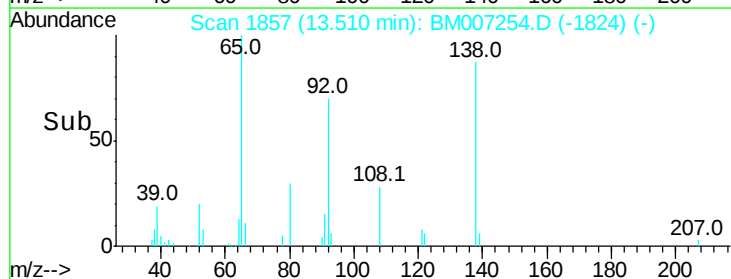
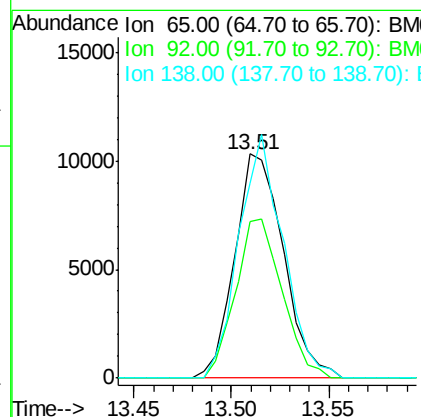
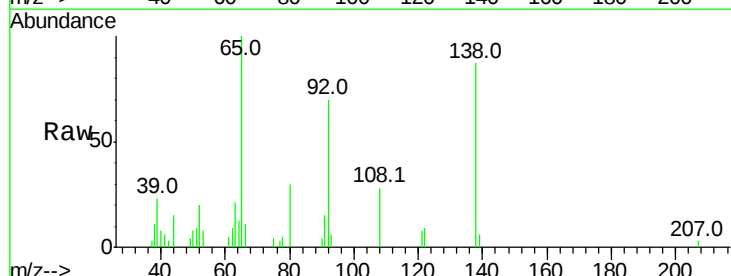
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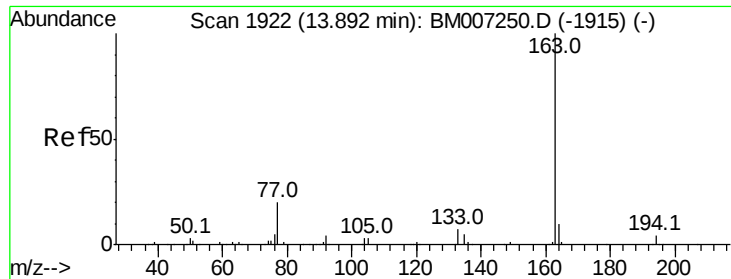
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#42
2-Nitroaniline
Concen: 1.75 ng/ul
RT: 13.51 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	55.6	83.4
138	86.9	81.3	121.9





#44

Dimethylphthalate

Concen: 2.26 ng/ul

RT: 13.89 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Instrument :

BNA_M

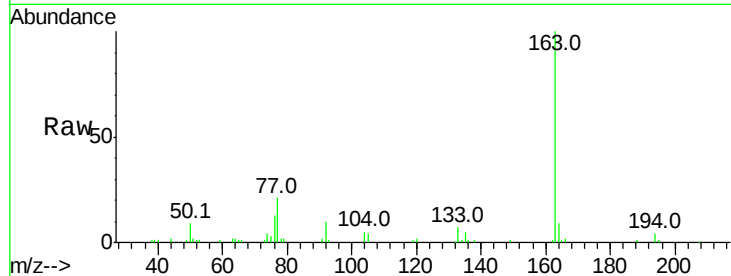
ClientSampleId :

MDL-01-S

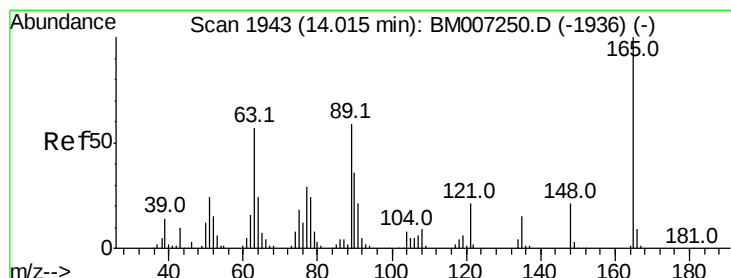
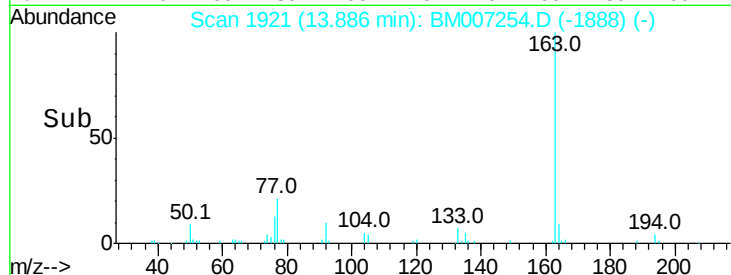
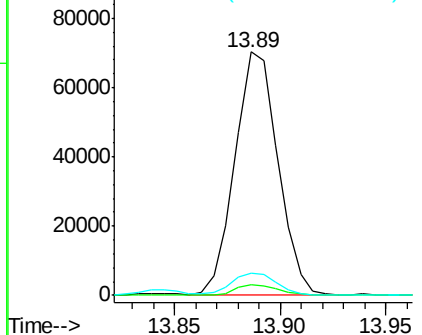
Tot Ion:	163	Resp:	99913
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.2
164	9.4	7.8	11.8

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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: 1.76 ng/ul

RT: 14.01 min Scan# 1942

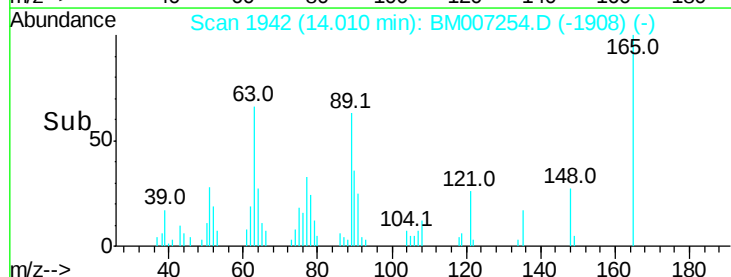
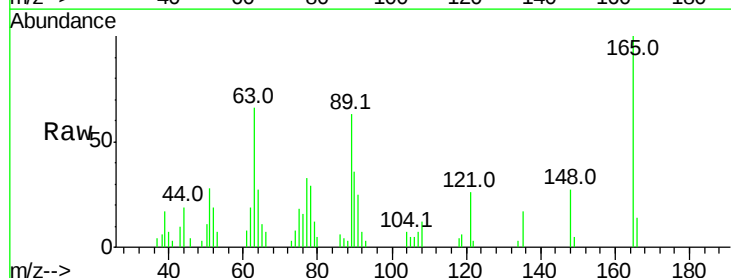
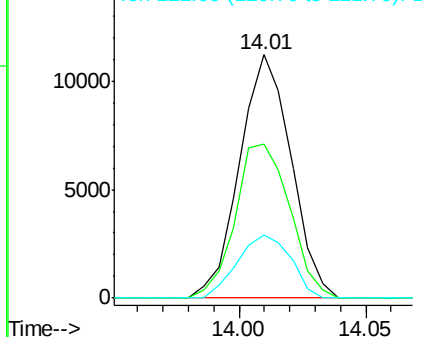
Delta R.T. -0.00 min

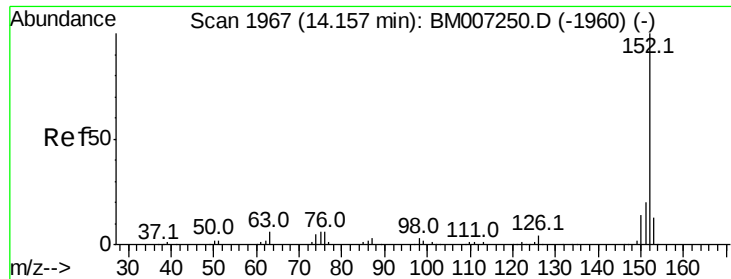
Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Tgt Ion:	165	Resp:	15900
Ion Ratio	Lower	Upper	
165	100		
89	63.3	46.6	69.8
121	25.8	16.0	24.0#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 2.11 ng/ul

RT: 14.16 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Instrument :

BNA_M

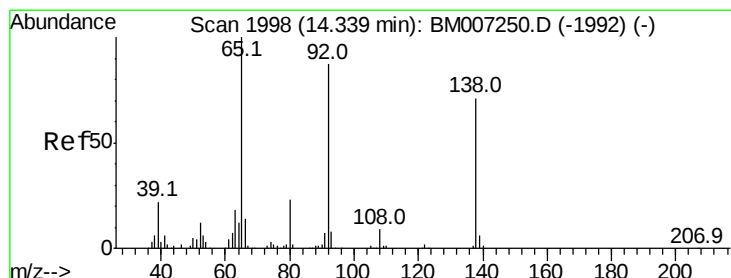
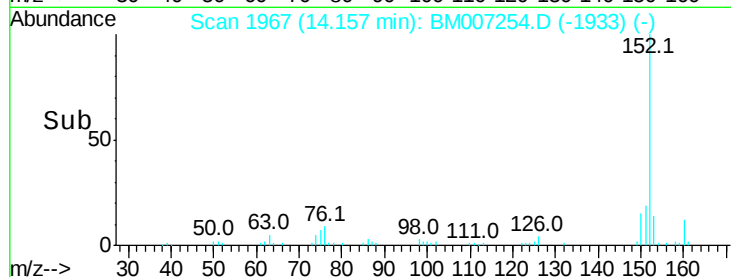
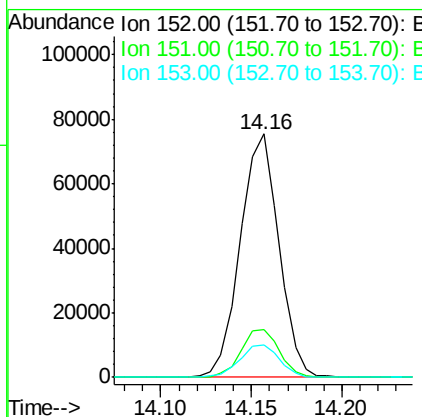
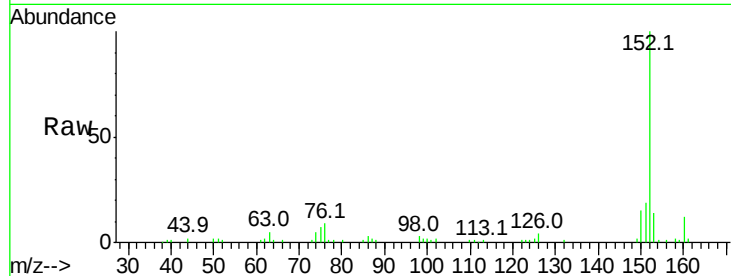
ClientSampled :

MDL-01-S

Tot Ion:	152	Resp:	111687
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.0	24.0
153	13.6	11.0	16.6

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#48

3-Nitroaniline

Concen: 1.86 ng/ul

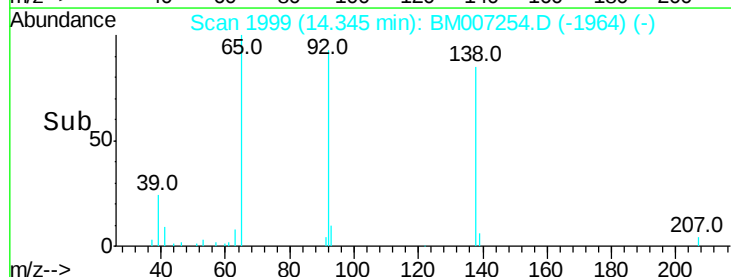
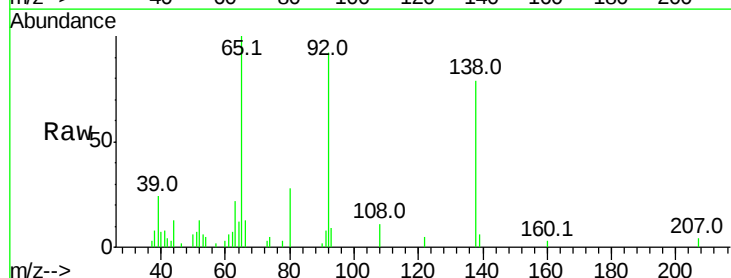
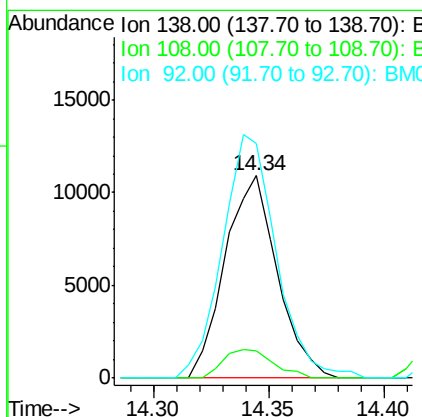
RT: 14.34 min Scan# 1999

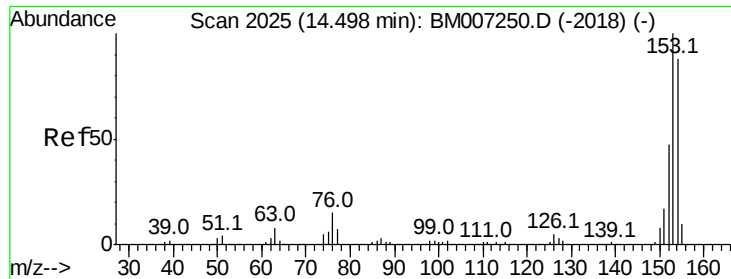
Delta R.T. 0.01 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Tgt Ion:	138	Resp:	17195
Ion Ratio	Lower	Upper	
138	100		
108	13.7	9.4	14.0
92	115.8	96.6	145.0





#49

Acenaphthene

Concen: 2.11 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Instrument :

BNA_M

ClientSampled :

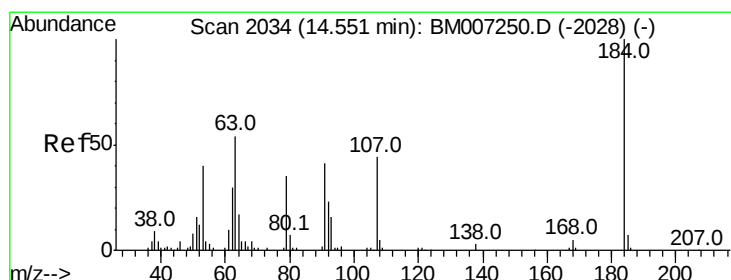
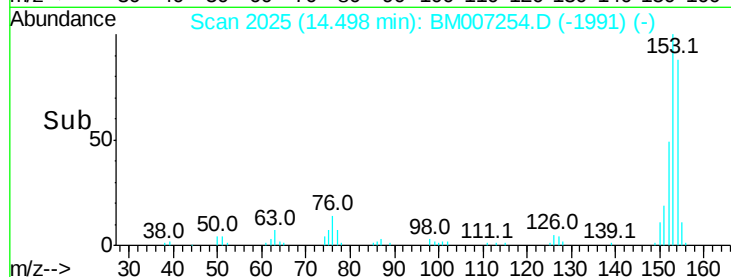
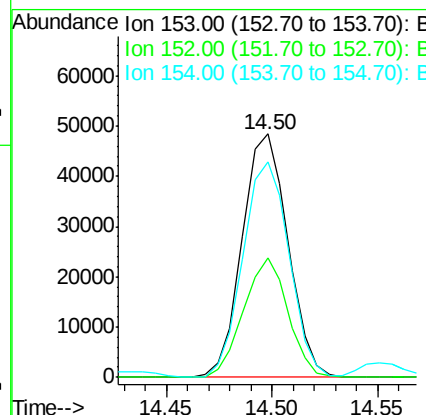
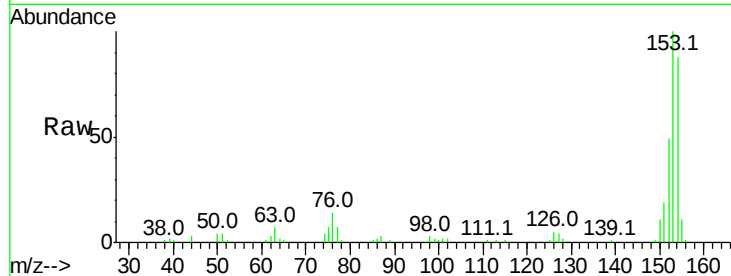
MDL-01-S

Tot Ion:153 Resp: 72714

Ion	Ratio	Lower	Upper
153	100		
152	49.1	37.8	56.6
154	88.4	71.4	107.0

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#50

2,4-Dinitrophenol

Concen: 1.16 ng/ul

RT: 14.55 min Scan# 2034

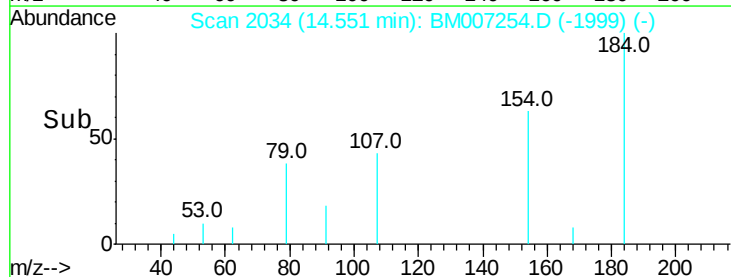
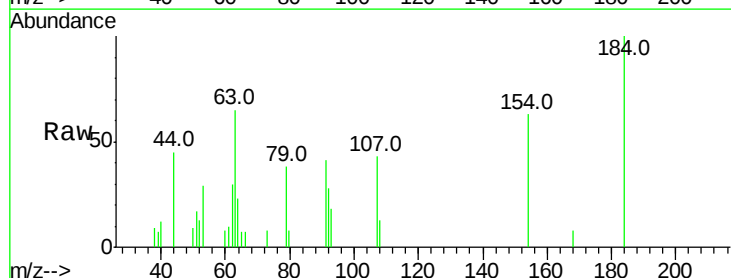
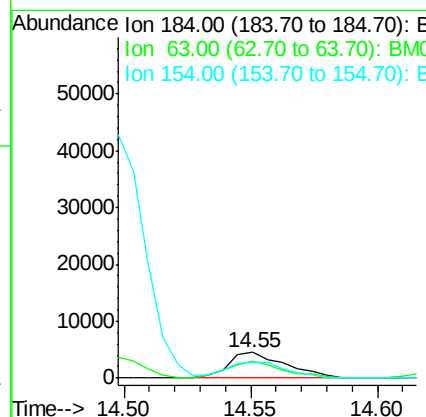
Delta R.T. 0.01 min

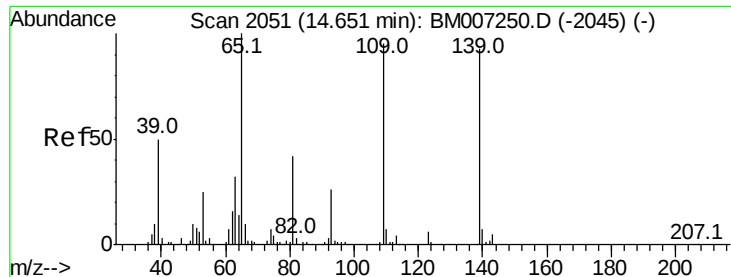
Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Tgt Ion:184 Resp: 7118

Ion	Ratio	Lower	Upper
184	100		
63	65.3	43.4	65.0#
154	63.0	48.2	72.4





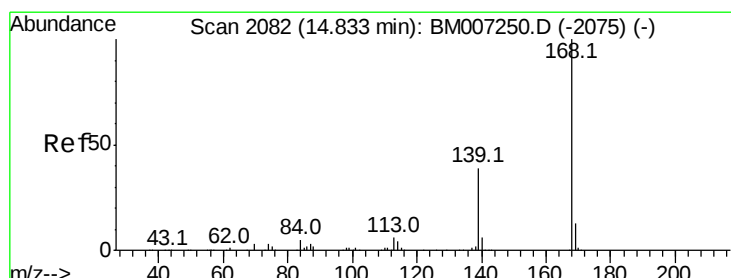
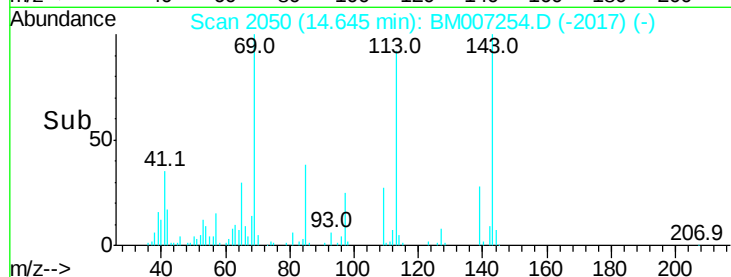
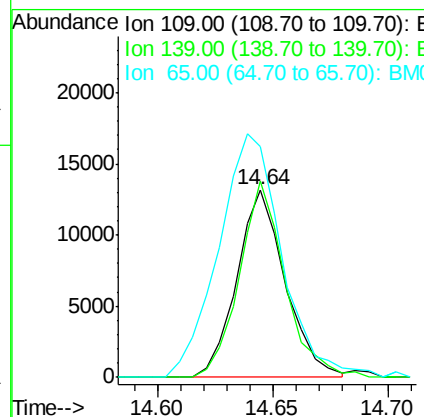
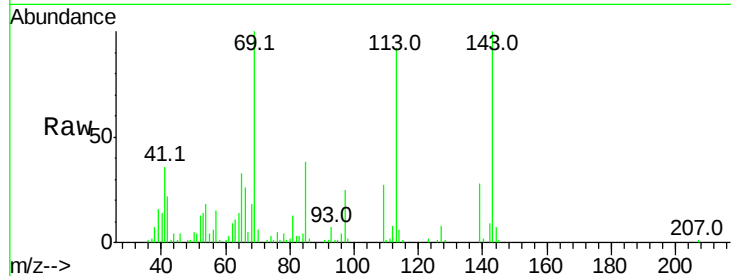
#52
4-Nitrophenol
Concen: 2.16 ng/ul
RT: 14.64 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Instrument :
BNA_M
ClientSampleId :
MDL-01-S

Tot Ion	Ratio	Resp	Lower	Upper
109	100	19229		
139	104.4	88.7	133.1	
65	122.6	96.4	144.6	

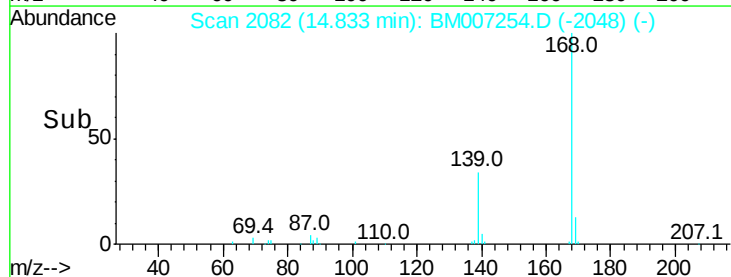
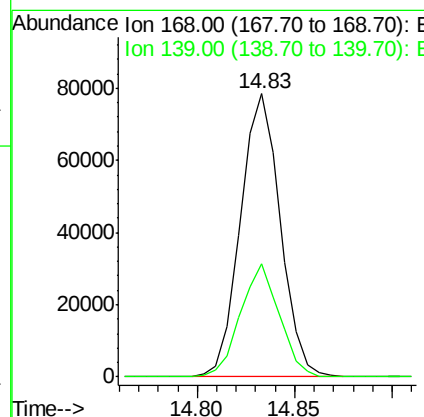
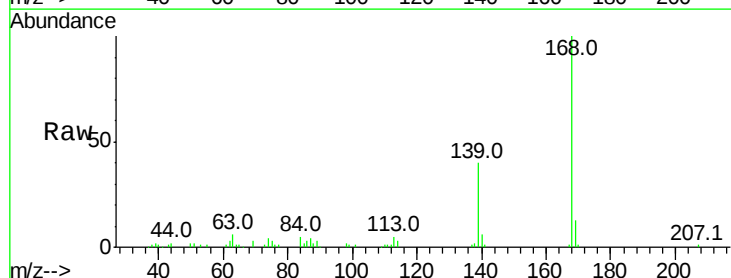
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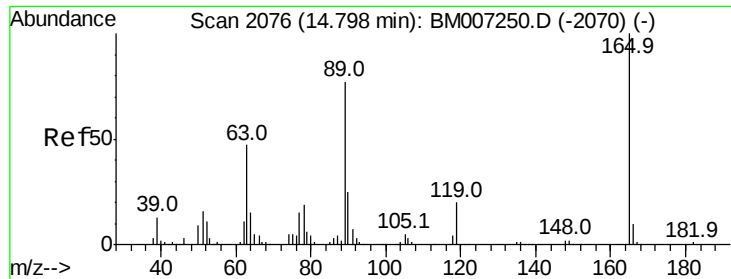
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#53
Dibenzofuran
Concen: 2.16 ng/ul
RT: 14.83 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	111093		
139	39.9	30.1	45.1	





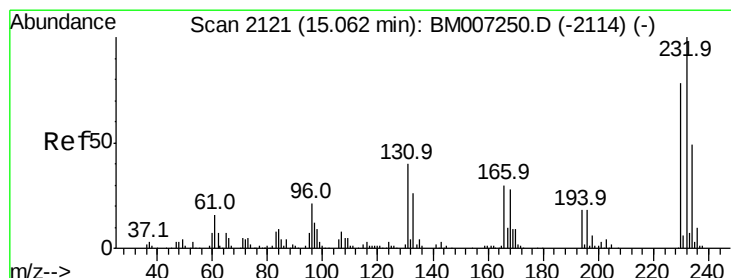
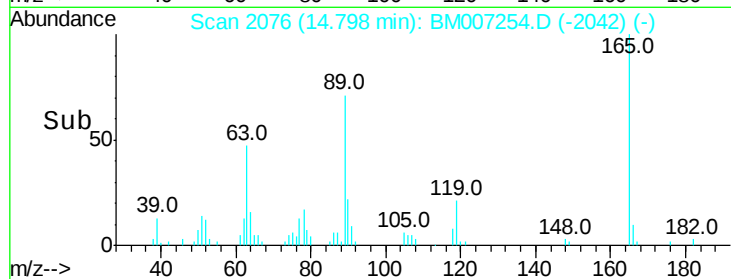
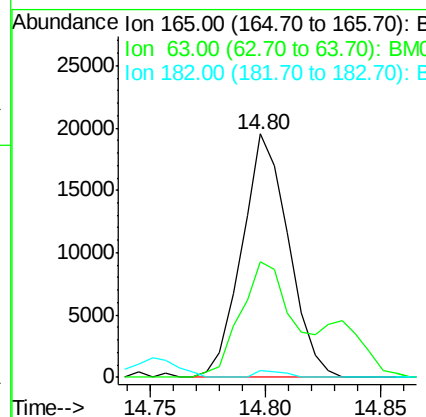
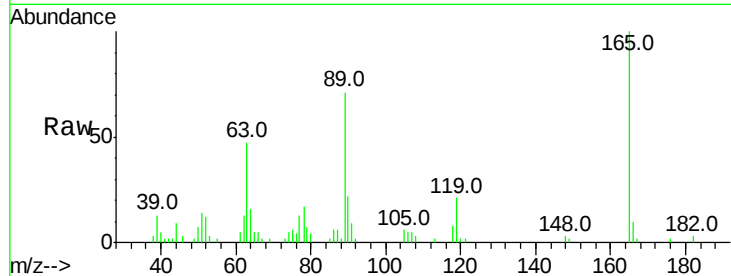
#54
 2,4-Dinitrotoluene
 Concen: 1.98 ng/ul
 RT: 14.80 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BM007254.D
 Acq: 23 Aug 2016 16:13

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-S

Tot Ion	Ratio	Resp	Lower	Upper
165	100	27465		
63	47.2		36.2	54.2
182	2.7		2.2	3.4

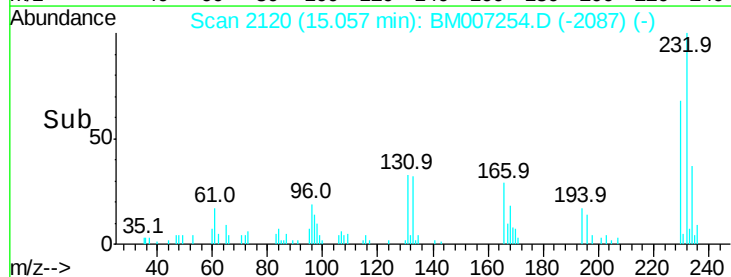
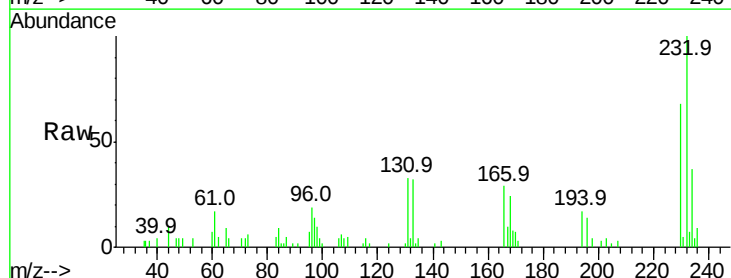
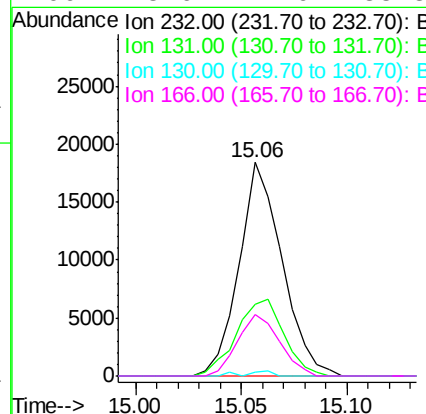
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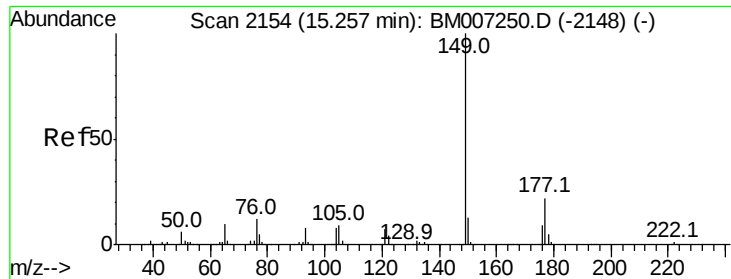
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.00 ng/ul
 RT: 15.06 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BM007254.D
 Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	25951		
131	33.5		31.4	47.0
130	2.0		1.6	2.4
166	28.6		22.6	33.8





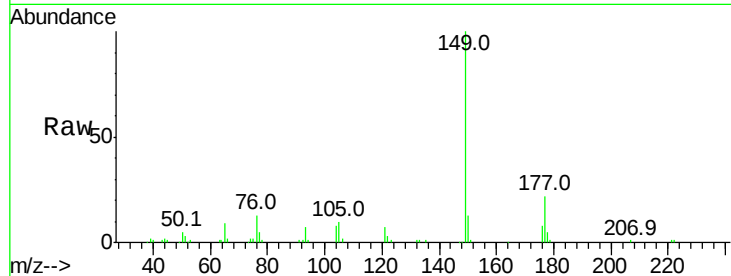
#56
Diethylphthalate
Concen: 2.21 ng/ul
RT: 15.26 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Instrument :
BNA_M
ClientSampled :
MDL-01-S

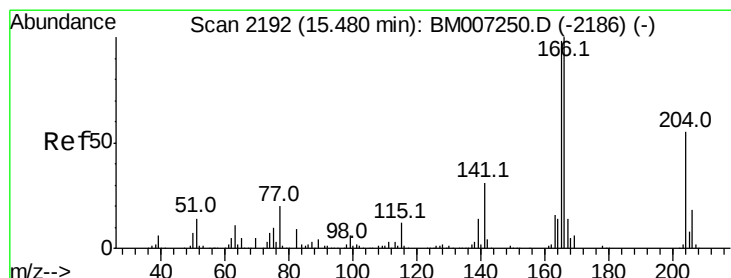
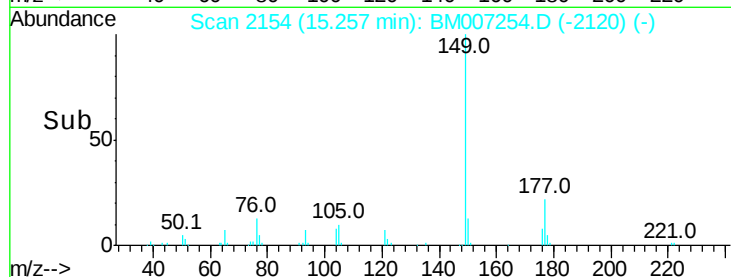
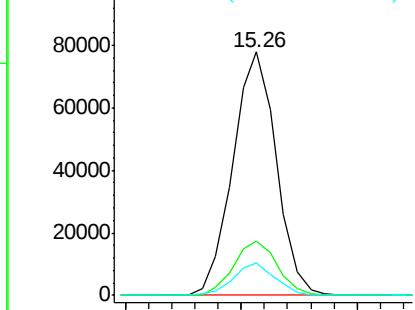
Tot Ion	Ratio	Resp	Lower	Upper
149	100	101934		
177	22.2	18.6	28.0	
150	13.3	10.0	15.0	

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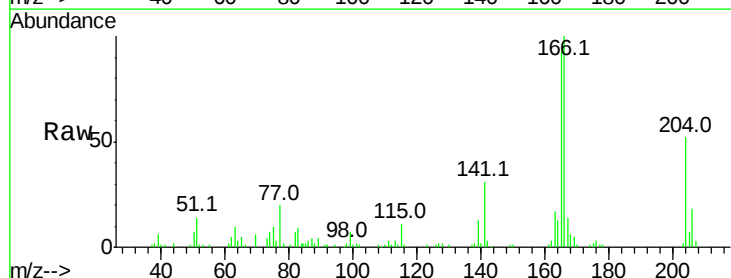


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

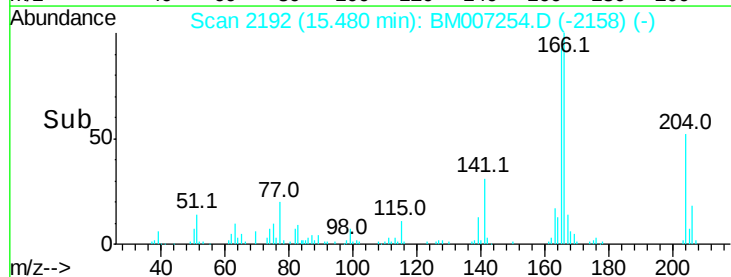
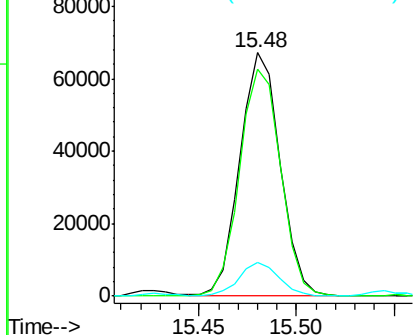


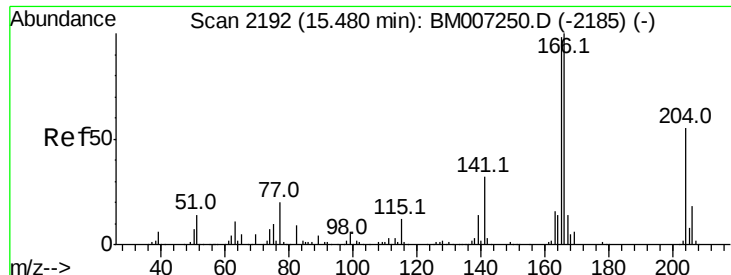
#58
Fluorene
Concen: 2.27 ng/ul
RT: 15.48 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	96276		
165	93.2	79.9	119.9	
167	13.6	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





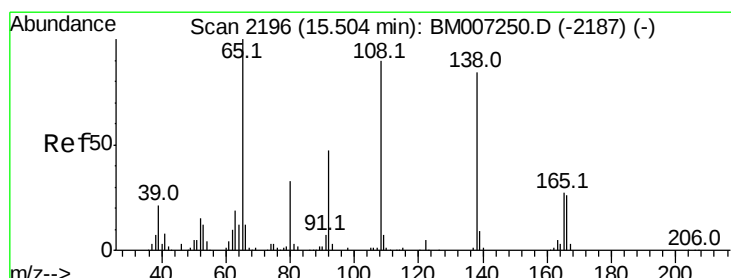
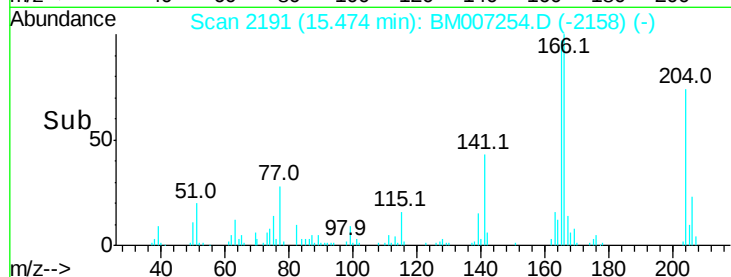
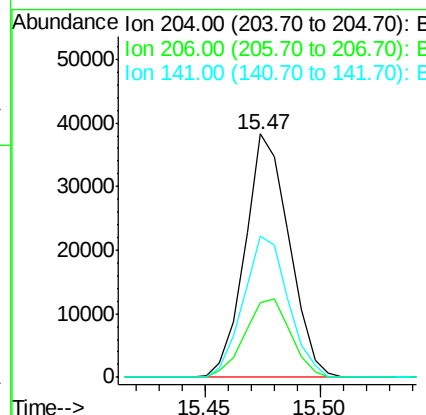
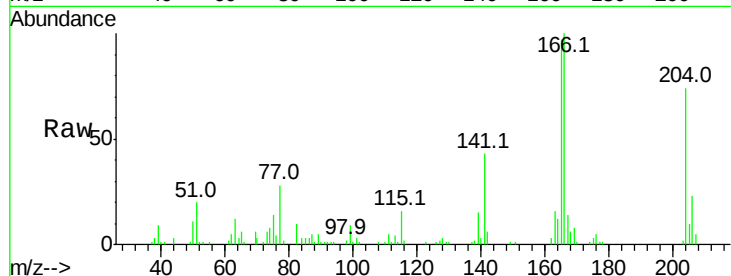
#59
 4-Chlorophenyl-phenylether
 Concen: 2.30 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007254.D
 Acq: 23 Aug 2016 16:13

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-S

Tot Ion	Ratio	Resp	Lower	Upper
204	100	51108		
206	30.6	25.9	38.9	
141	58.0	46.1	69.1	

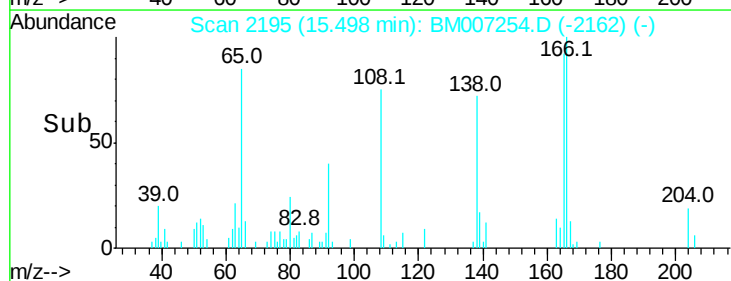
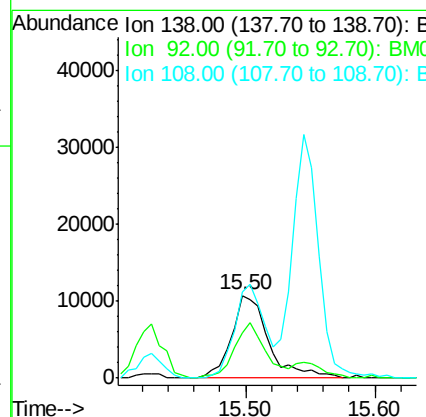
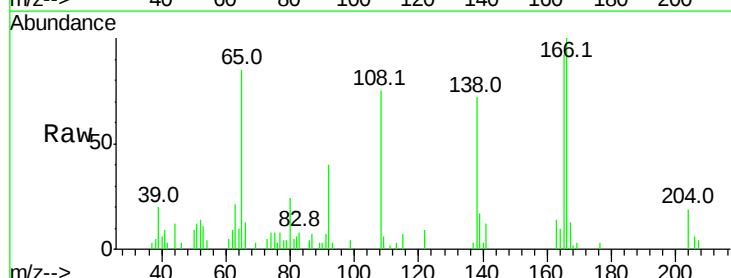
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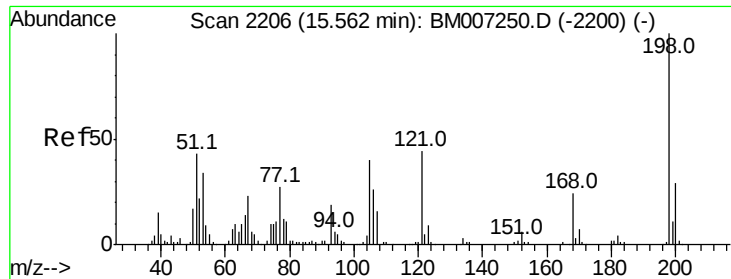
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#60
 4-Nitroaniline
 Concen: 2.03 ng/ul m
 RT: 15.50 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BM007254.D
 Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	21267		
92	55.2	43.5	65.3	
108	103.7	80.3	120.5	





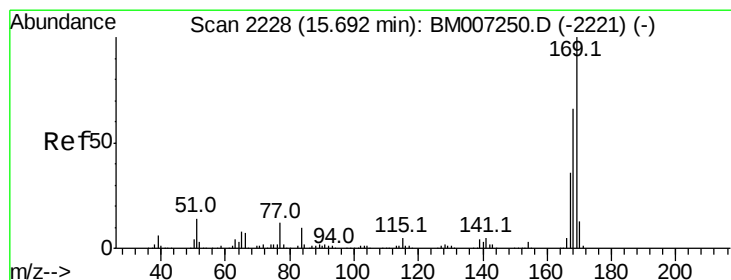
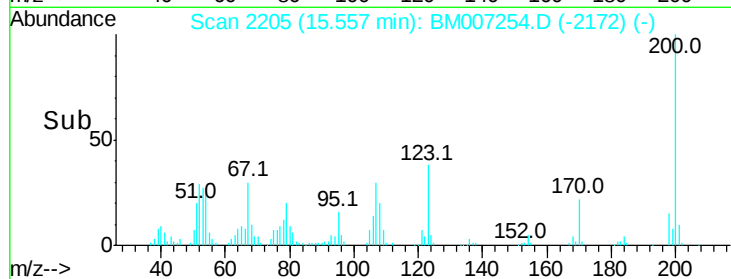
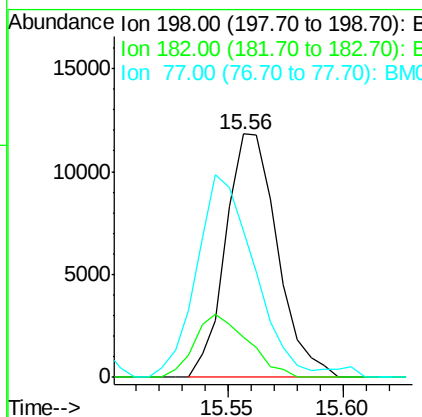
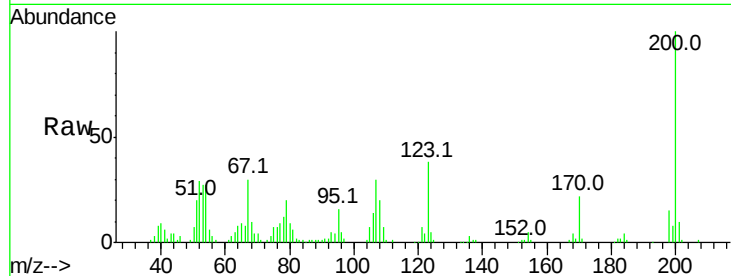
#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.90 ng/ul
 RT: 15.56 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM007254.D
 Acq: 23 Aug 2016 16:13

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
182	16.5	3.3	4.9#	
77	60.3	21.8	32.6#	

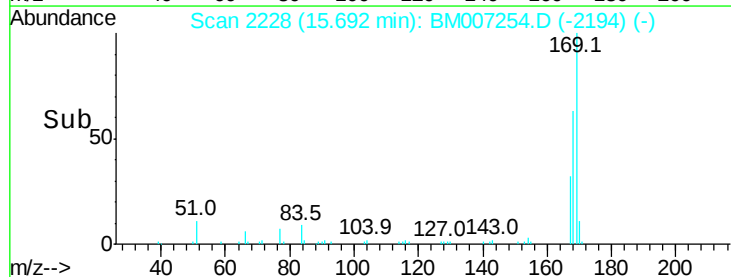
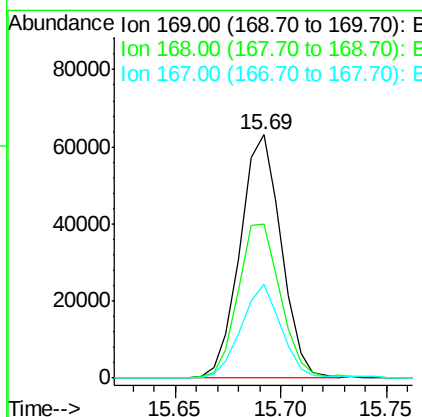
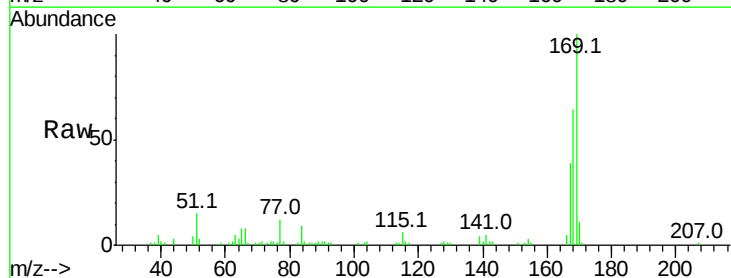
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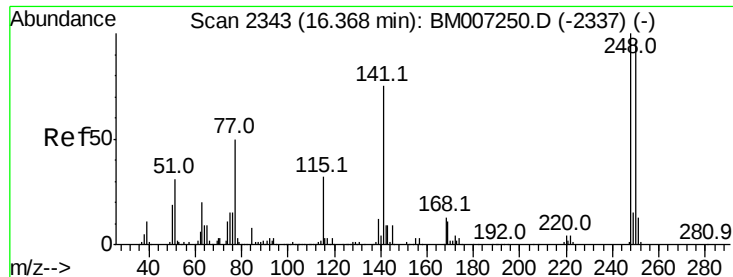
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#64
 N-Nitrosodiphenylamine
 Concen: 2.12 ng/ul
 RT: 15.69 min Scan# 2228
 Delta R.T. -0.00 min
 Lab File: BM007254.D
 Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.5	52.6	79.0	
167	38.6	28.6	43.0	





#65

4-Bromophenyl-phenylether

Concen: 2.04 ng/ul

RT: 16.37 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Instrument :

BNA_M

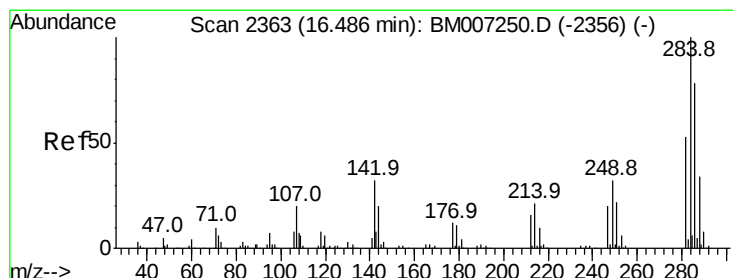
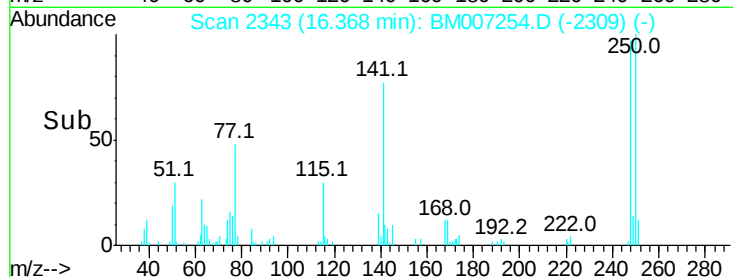
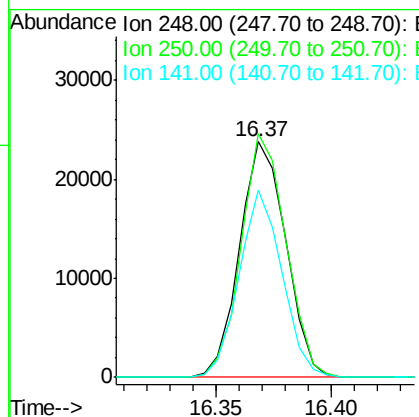
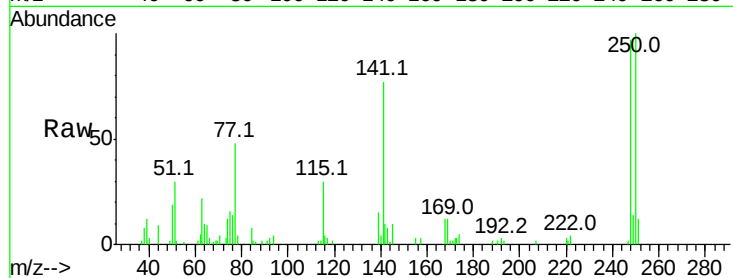
ClientSampled :

MDL-01-S

Tot Ion:	248	Resp:	33232
Ion Ratio	Lower	Upper	
248	100		
250	103.3	79.7	119.5
141	79.7	58.3	87.5

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#66

Hexachlorobenzene

Concen: 2.16 ng/ul

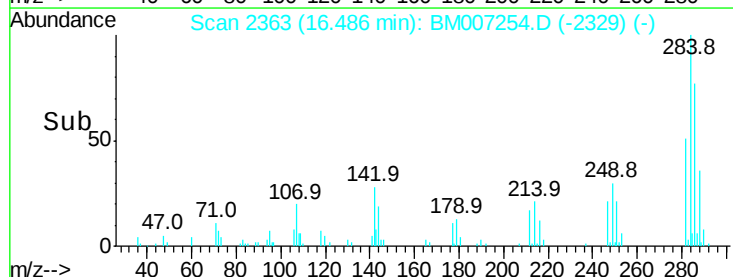
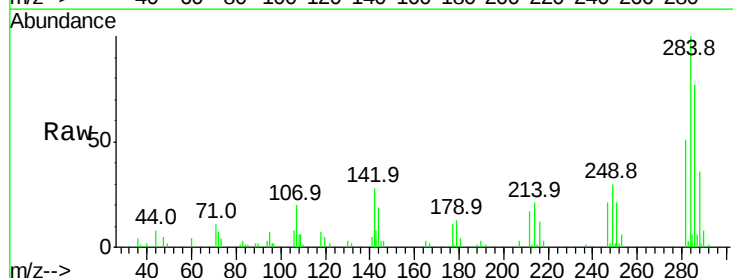
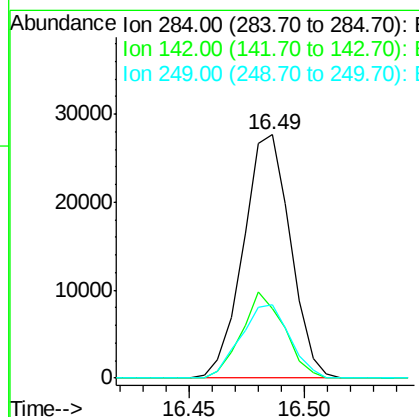
RT: 16.49 min Scan# 2363

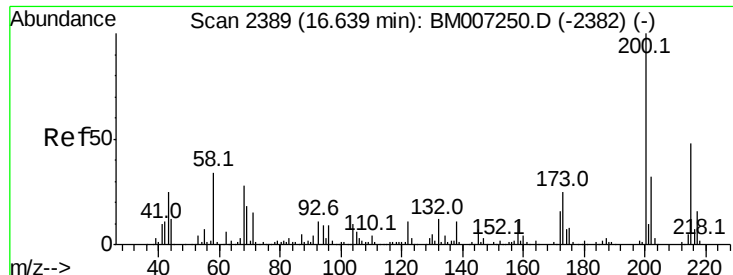
Delta R.T. -0.00 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Tgt Ion:	284	Resp:	39277
Ion Ratio	Lower	Upper	
284	100		
142	26.9	24.9	37.3
249	28.6	25.5	38.3





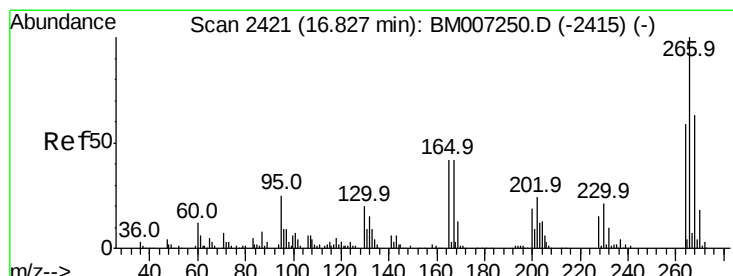
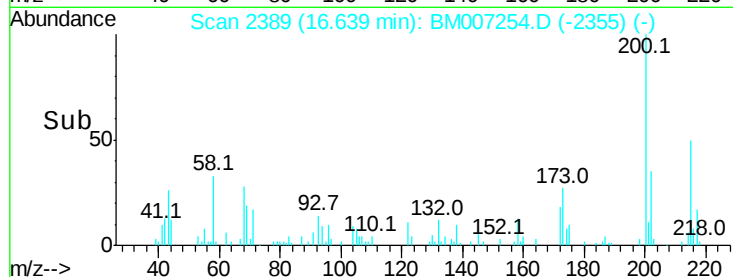
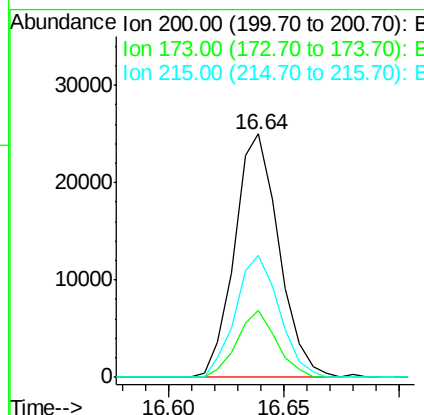
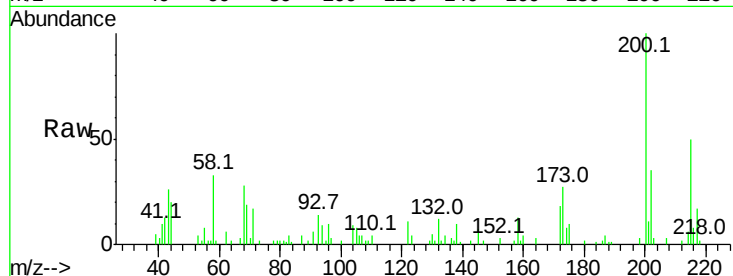
#67
 Atrazine
 Concen: 1.97 ng/ul
 RT: 16.64 min Scan# 2389
 Delta R.T. -0.00 min
 Lab File: BM007254.D
 Acq: 23 Aug 2016 16:13

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	18.9	28.3
215	50.0	39.5	59.3

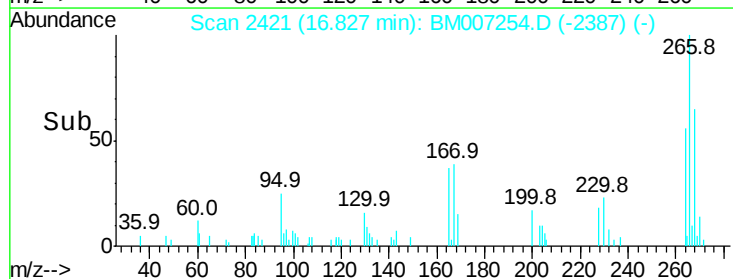
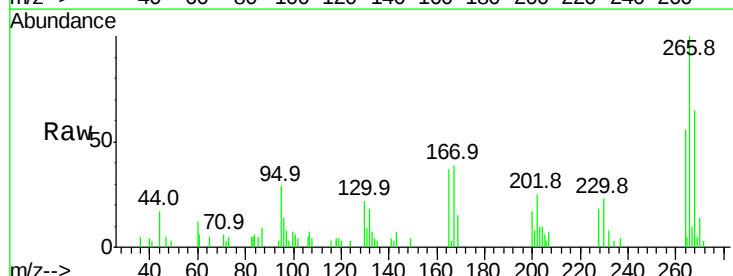
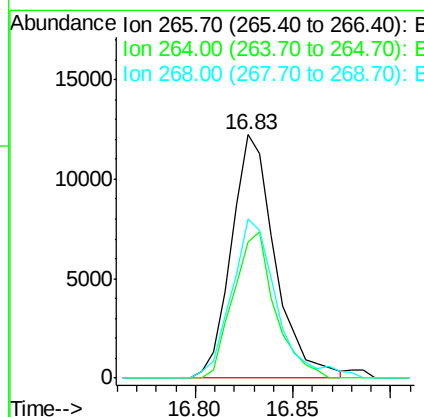
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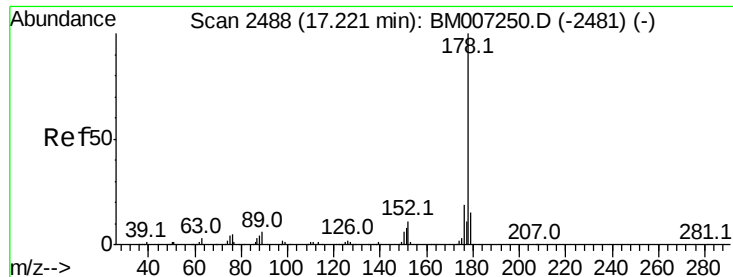
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#68
 Pentachlorophenol
 Concen: 1.61 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BM007254.D
 Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.0	50.6	75.8
268	65.3	51.0	76.6





#69

Phenanthrene

Concen: 2.20 ng/ul

RT: 17.22 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Instrument :

BNA_M

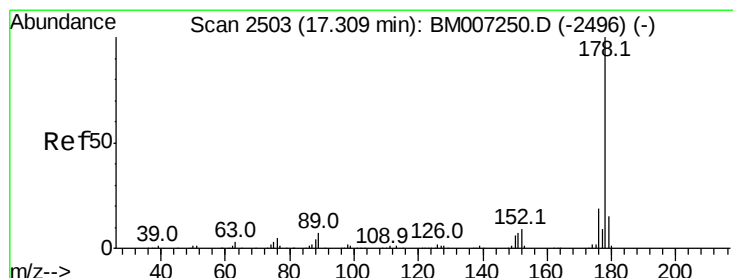
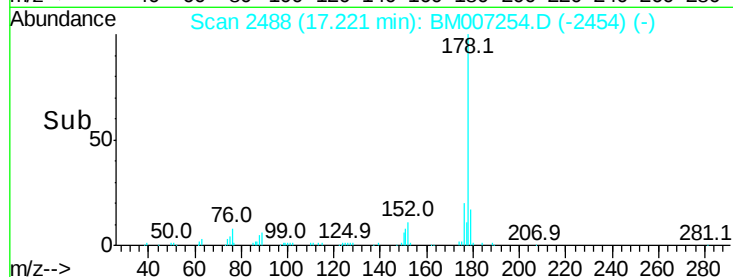
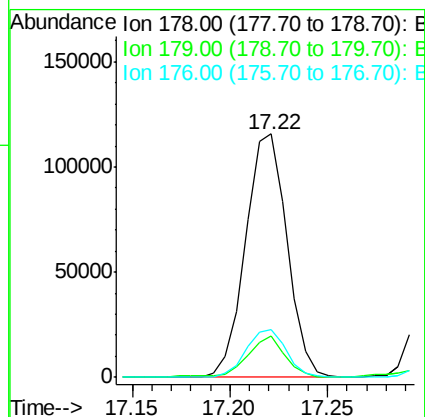
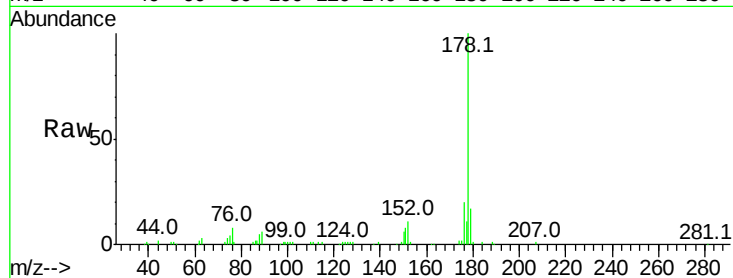
ClientSampleId :

MDL-01-S

Tot Ion:178	Resp:	170522
Ion Ratio	Lower	Upper
178	100	
179	16.7	12.2 18.2
176	19.8	15.1 22.7

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#71

Anthracene

Concen: 2.18 ng/ul

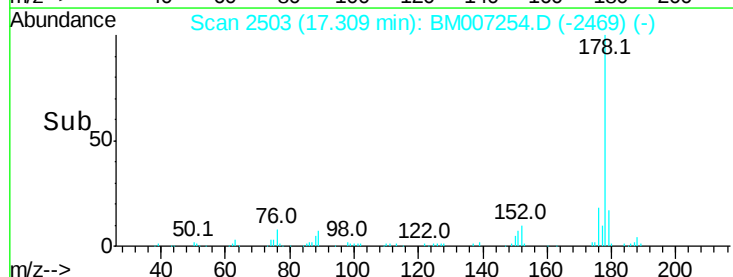
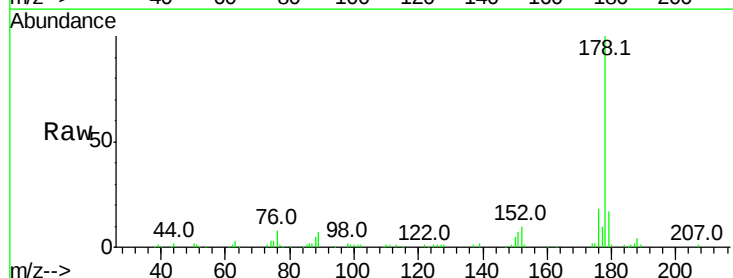
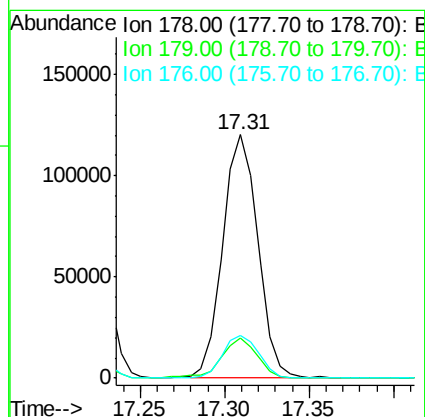
RT: 17.31 min Scan# 2503

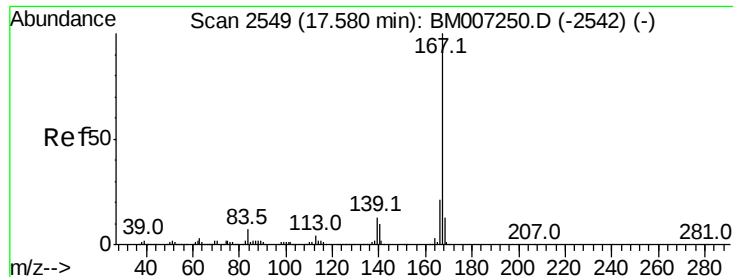
Delta R.T. -0.00 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Tgt Ion:178	Resp:	174330
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.1 18.1
176	17.7	14.5 21.7





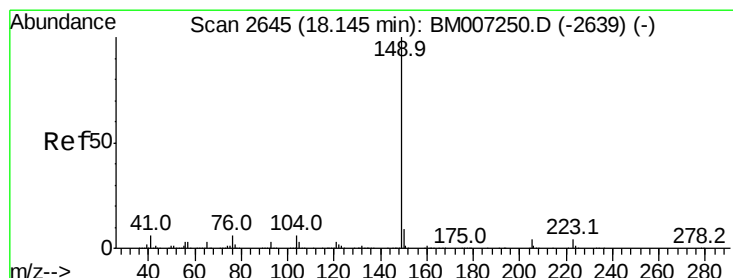
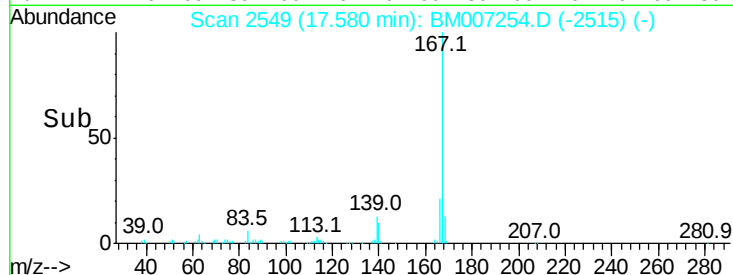
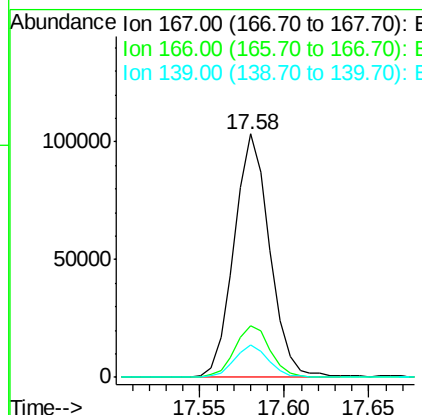
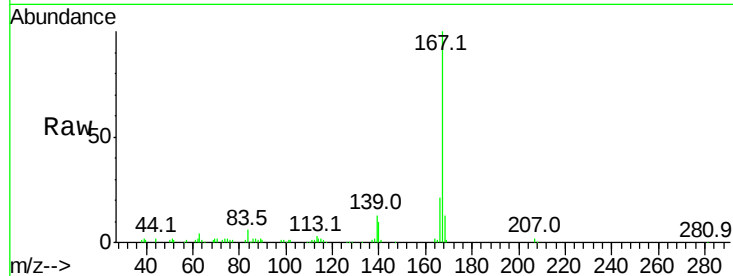
#72
 Carbazole
 Concen: 2.19 ng/ul
 RT: 17.58 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM007254.D
 Acq: 23 Aug 2016 16:13

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-S

Tot Ion	Ratio	Resp	Lower	Upper
167	100	152181		
166	21.1	16.6	25.0	
139	13.4	10.2	15.4	

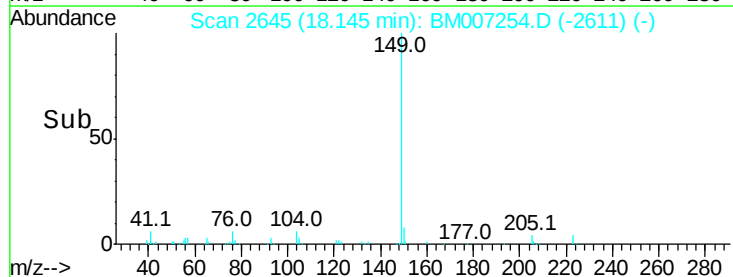
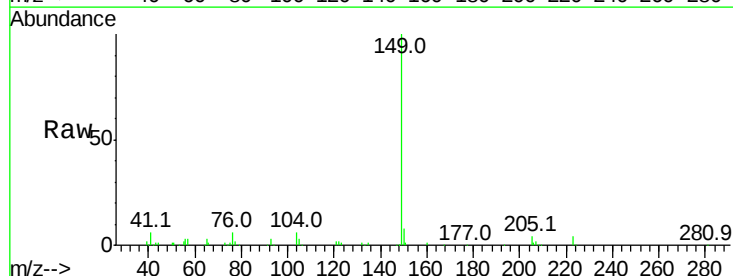
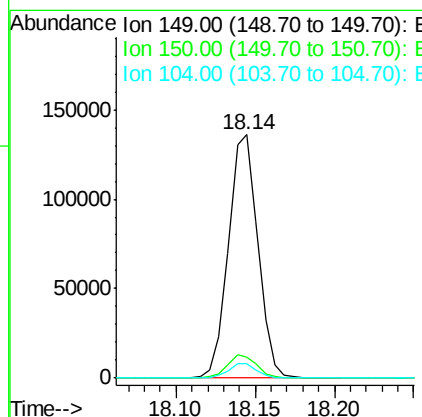
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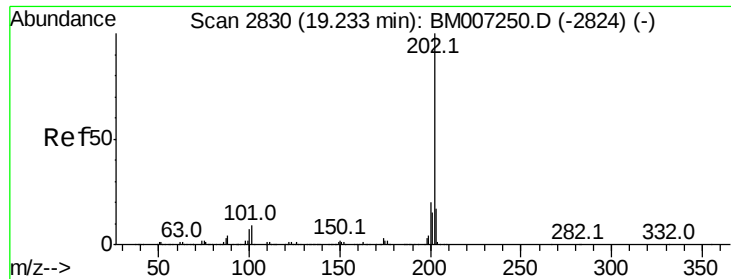
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#73
 Di-n-butylphthalate
 Concen: 2.01 ng/ul
 RT: 18.14 min Scan# 2645
 Delta R.T. -0.00 min
 Lab File: BM007254.D
 Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	175287		
150	8.4	7.6	11.4	
104	6.0	4.6	7.0	





#74

Fluoranthene

Concen: 2.29 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Instrument :

BNA_M

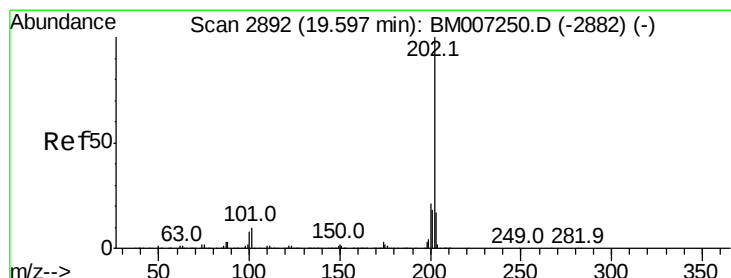
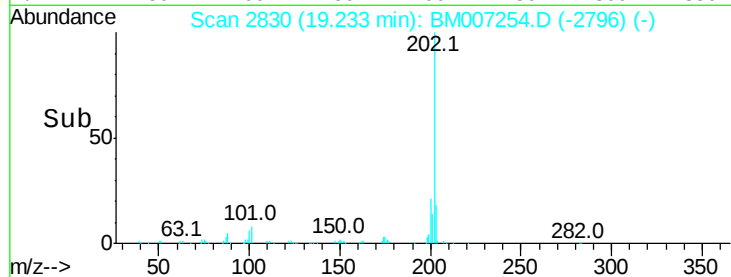
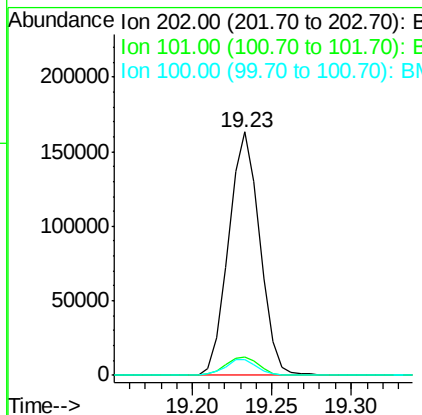
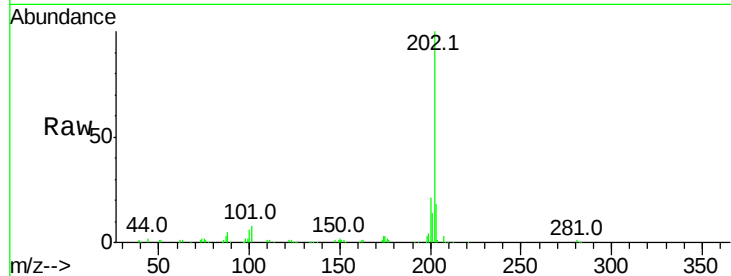
ClientSampleId :

MDL-01-S

Tot Ion:	202	Resp:	222823
Ion Ratio	Lower	Upper	
202	100		
101	7.6	6.9	10.3
100	6.3	5.4	8.0

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#77

Pyrene

Concen: 2.16 ng/ul

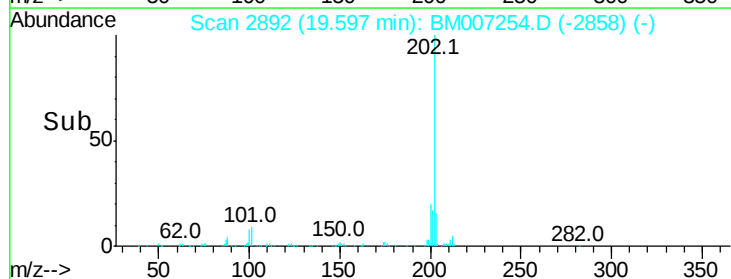
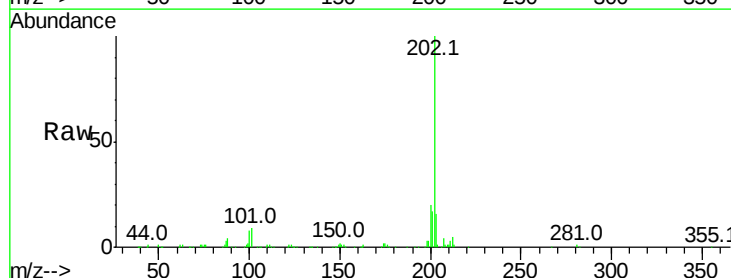
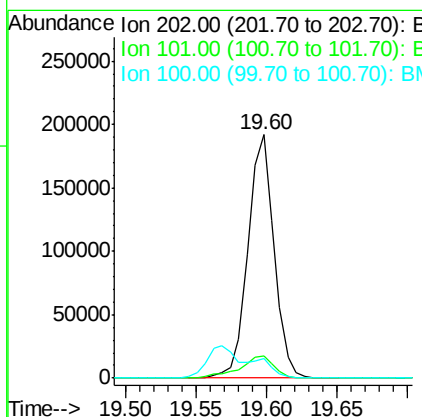
RT: 19.60 min Scan# 2892

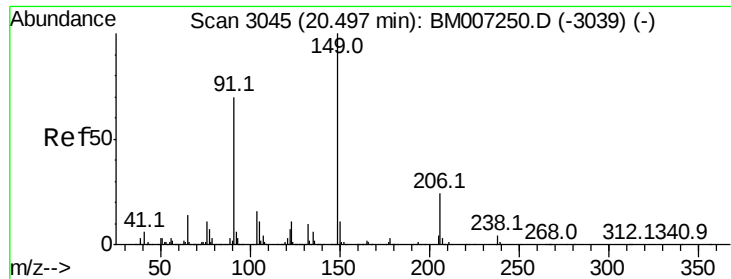
Delta R.T. -0.00 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Tgt Ion:	202	Resp:	249706
Ion Ratio	Lower	Upper	
202	100		
101	9.2	8.4	12.6
100	7.9	6.9	10.3





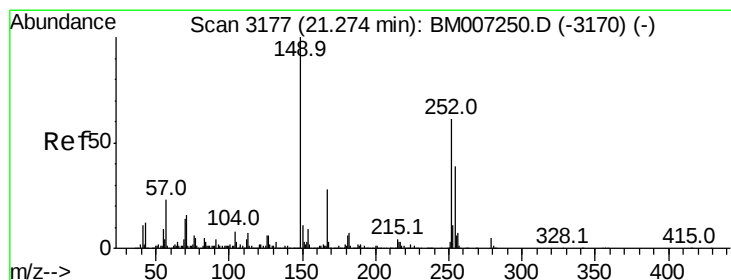
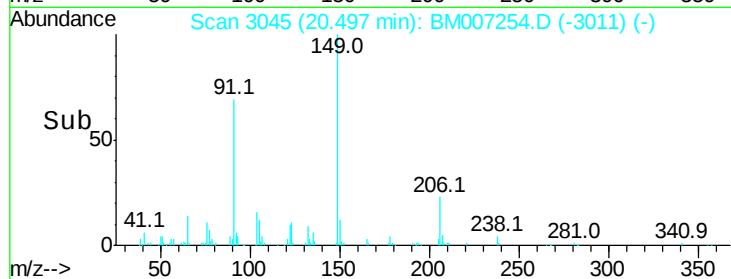
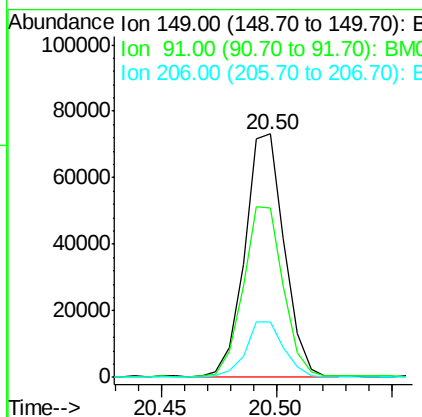
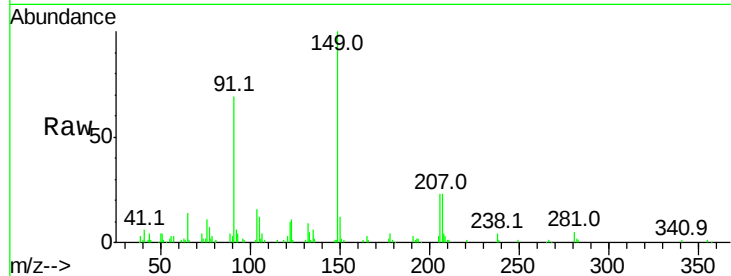
#78
Butylbenzylphthalate
Concen: 1.82 ng/ul
RT: 20.50 min Scan# 3045
Delta R.T. -0.00 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Instrument :
BNA_M
ClientSampleId :
MDL-01-S

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.5	57.3	85.9
206	22.8	18.6	27.8

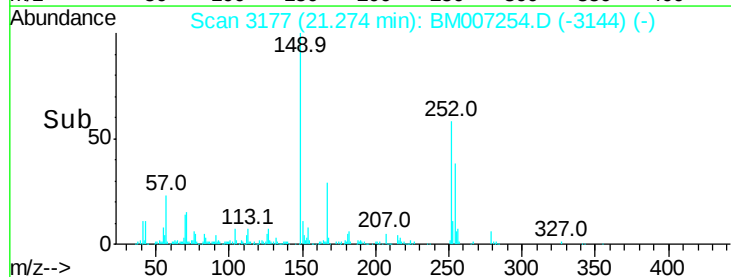
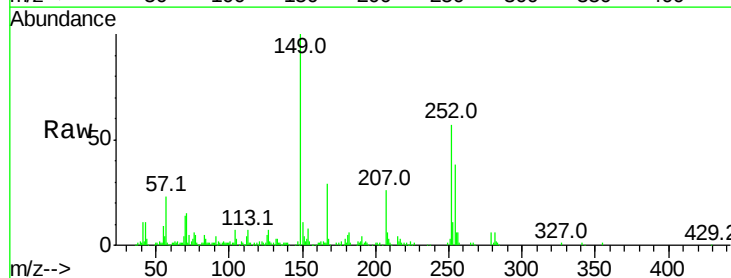
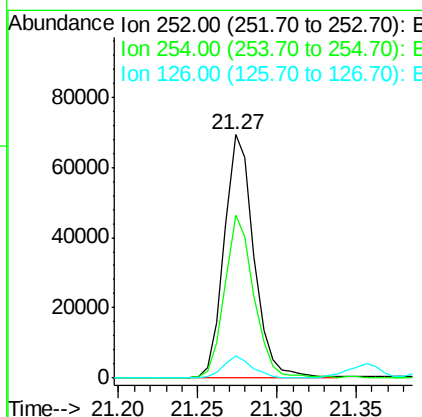
Manual Integrations
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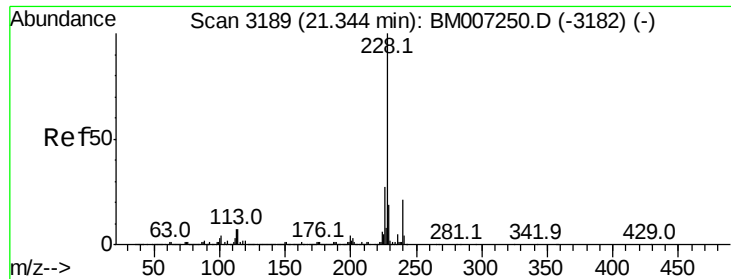
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#79
3,3'-Dichlorobenzidine
Concen: 2.12 ng/ul
RT: 21.27 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.7	51.0	76.4
126	9.0	7.1	10.7





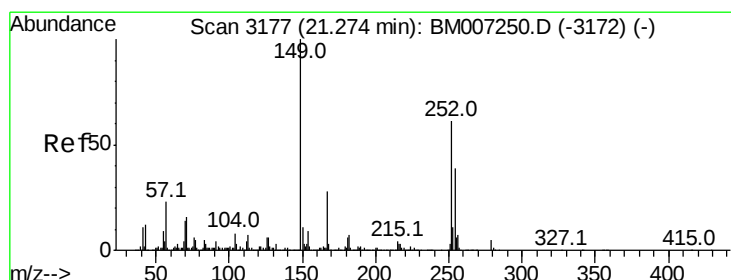
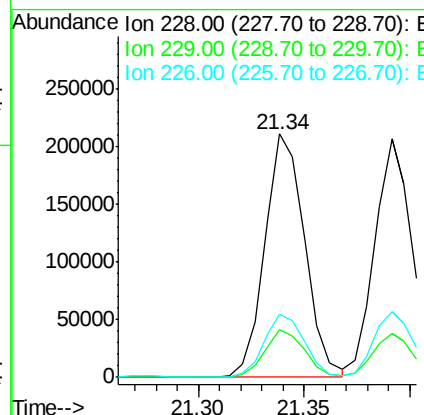
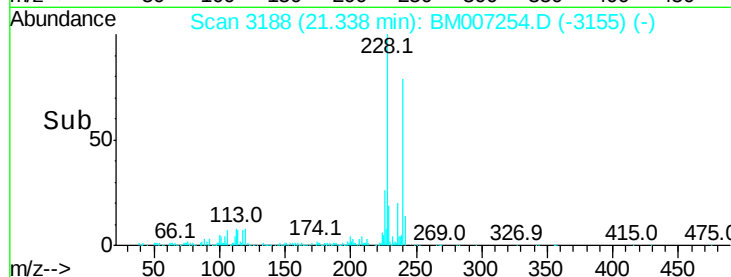
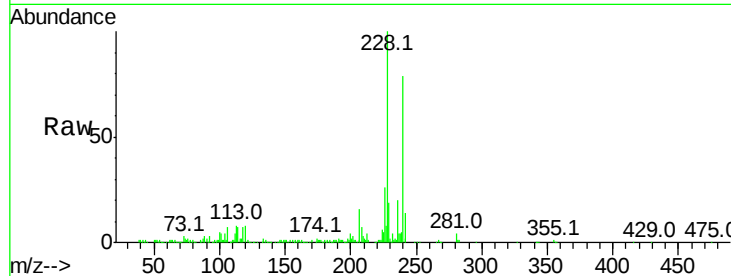
#80
Benzo(a)anthracene
Concen: 2.19 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Instrument :
BNA_M
ClientSampled :
MDL-01-S

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.6	23.4
226	26.0	21.8	32.8

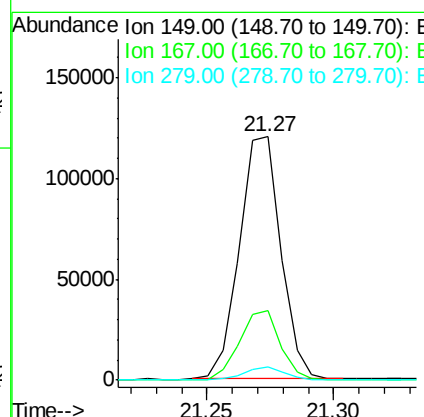
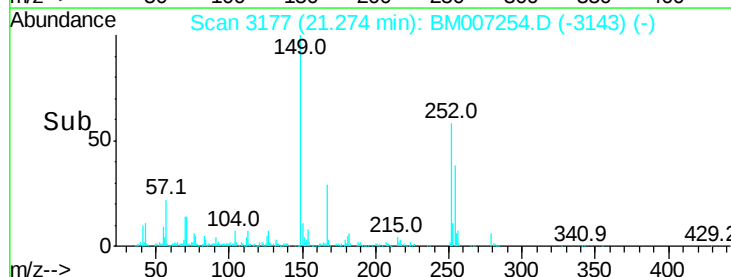
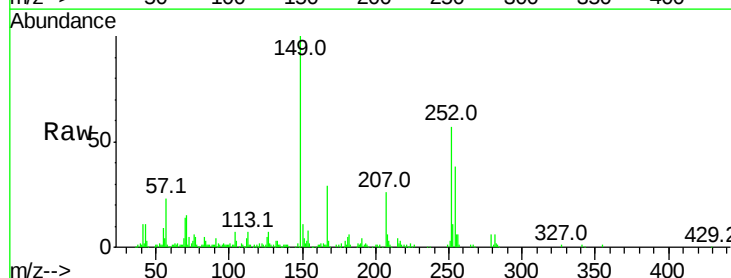
Manual Integrations
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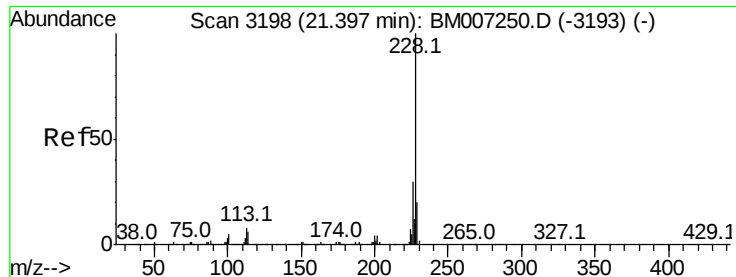
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#81
Bis(2-ethylhexyl)phthalate
Concen: 1.95 ng/ul
RT: 21.27 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.2	34.8
279	5.6	4.1	6.1





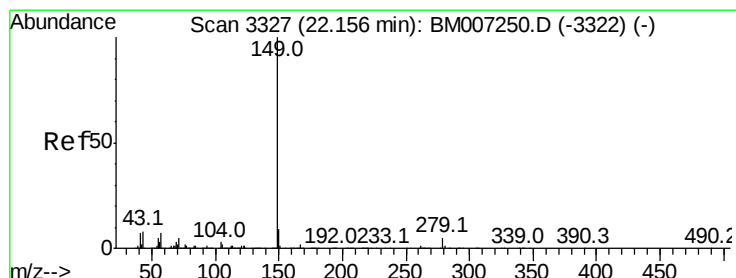
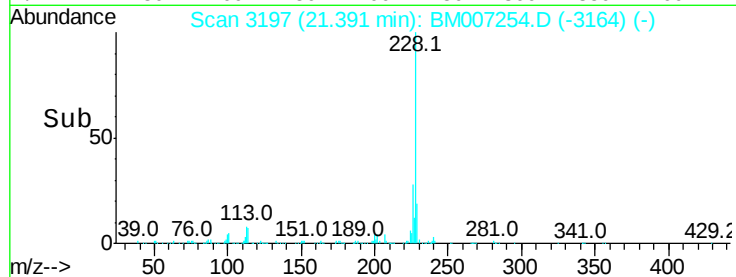
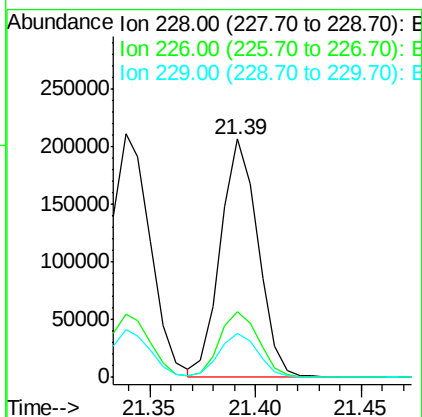
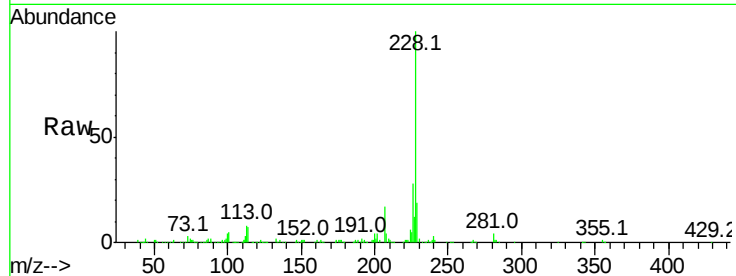
#82
Chrysene
Concen: 2.20 ng/ul
RT: 21.39 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Instrument :
BNA_M
ClientSampled :
MDL-01-S

Tot Ion	Ratio	Resp	Lower	Upper
228	100	252777		
226	27.6		23.4	35.2
229	18.5		15.5	23.3

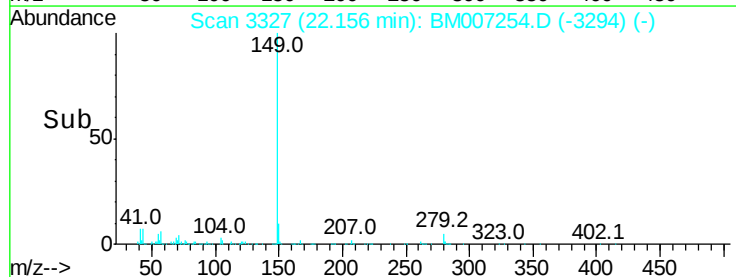
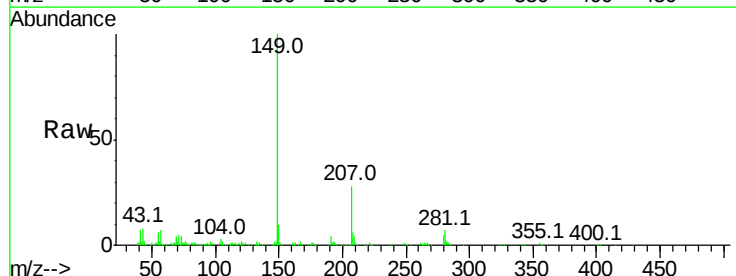
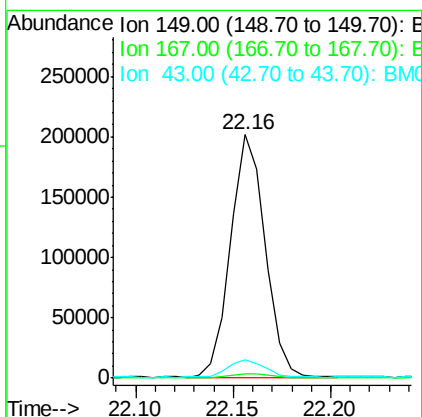
Manual Integrations
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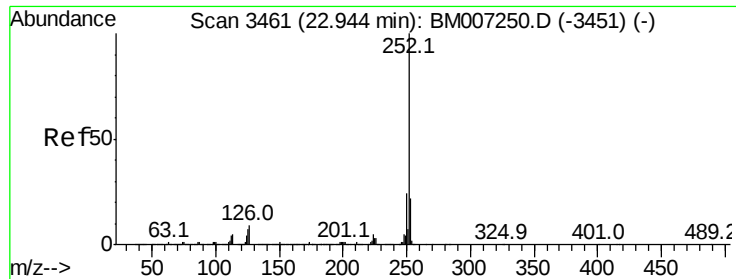
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#84
Di-n-octyl phthalate
Concen: 2.05 ng/ul
RT: 22.16 min Scan# 3327
Delta R.T. -0.01 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	246253		
167	1.7		1.3	1.9
43	7.7		6.6	10.0





#85

Benzo(b)fluoranthene

Concen: 2.23 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. -0.01 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Instrument :

BNA_M

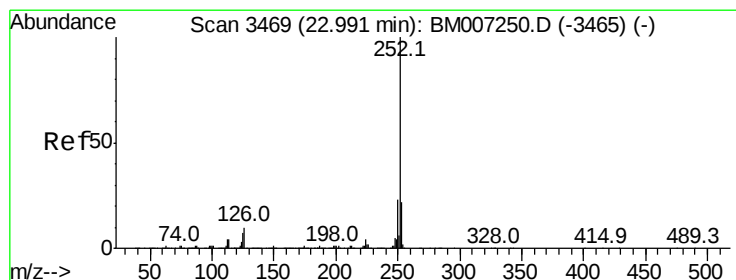
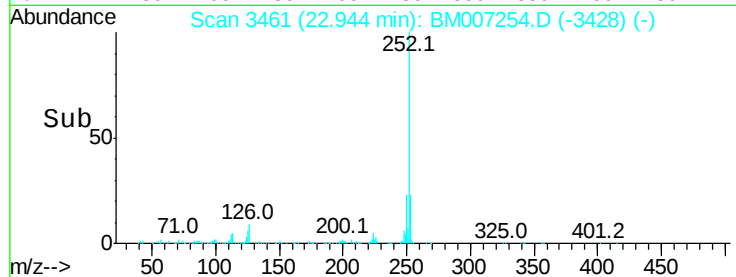
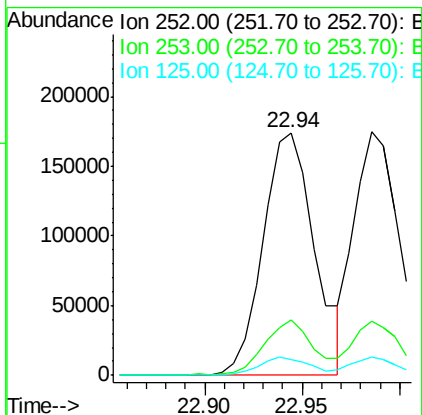
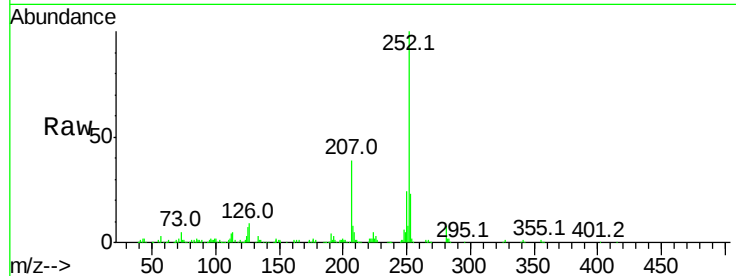
ClientSampleId :

MDL-01-S

Tot Ion:	252	Resp:	317903
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.1	25.7
125	6.6	5.8	8.8

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 2.12 ng/ul

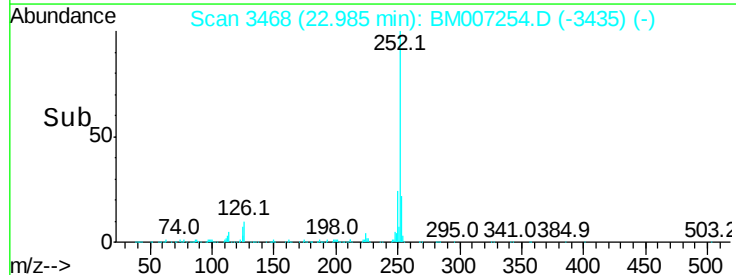
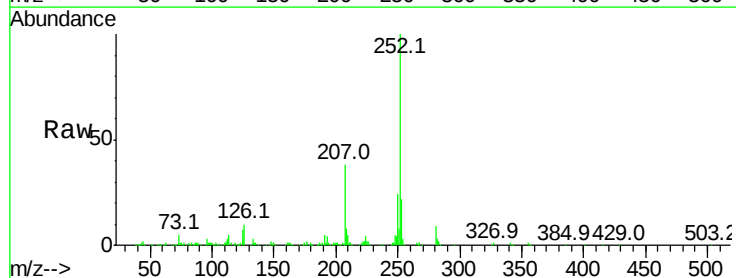
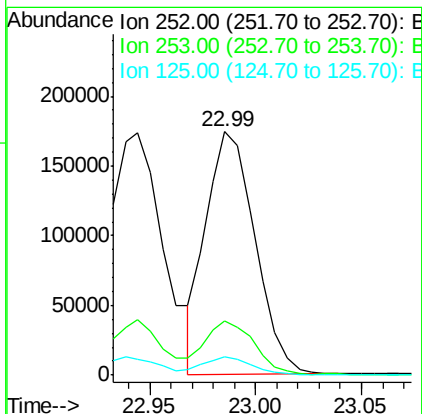
RT: 22.99 min Scan# 3468

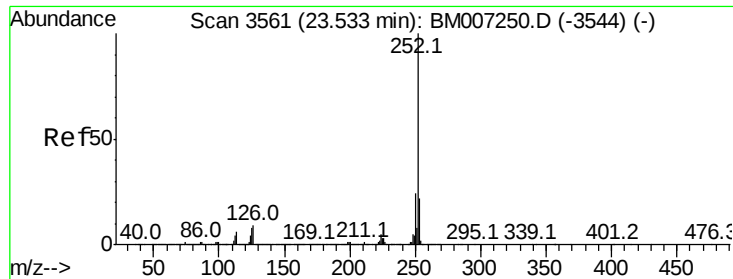
Delta R.T. -0.01 min

Lab File: BM007254.D

Acq: 23 Aug 2016 16:13

Tgt Ion:	252	Resp:	278758
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	7.4	5.7	8.5





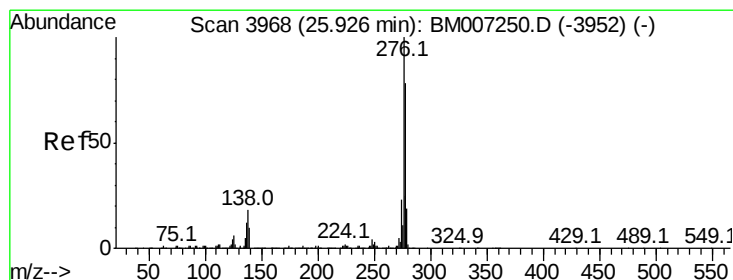
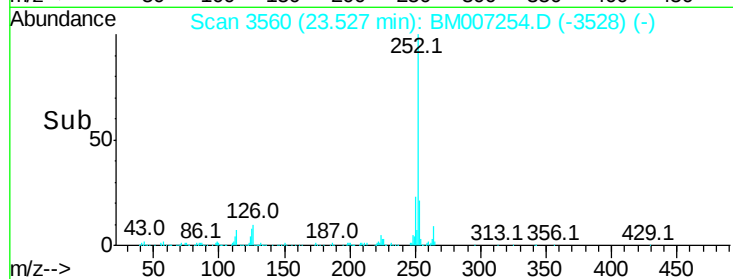
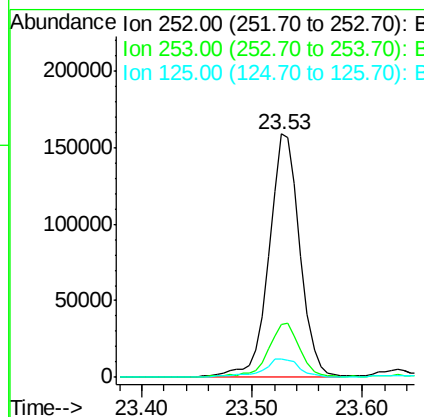
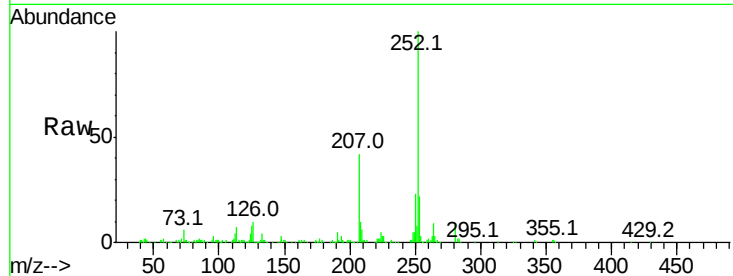
#88
Benzo(a)pyrene
Concen: 2.28 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Instrument :
BNA_M
ClientSampleId :
MDL-01-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	7.8	6.6	9.8

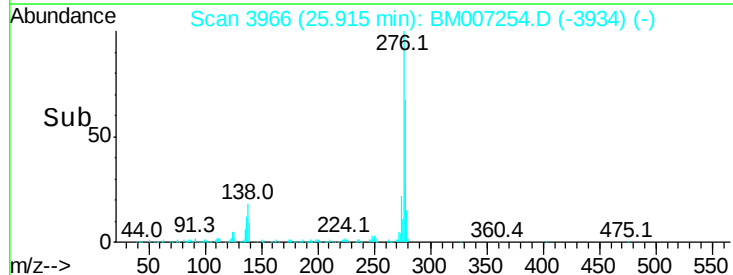
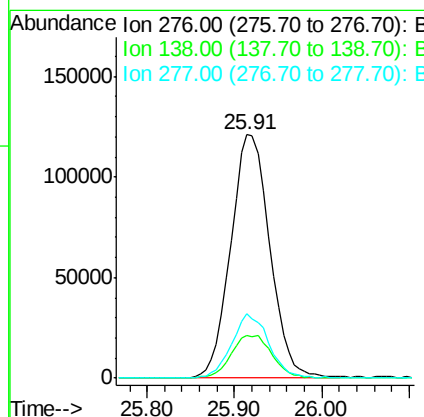
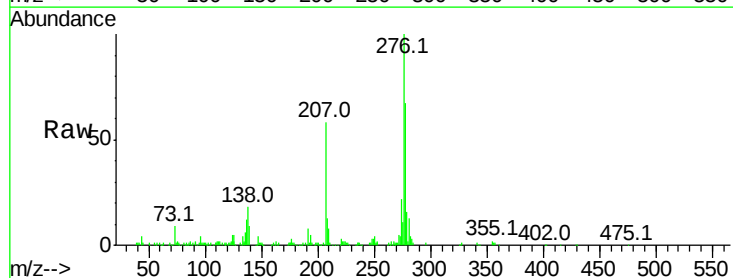
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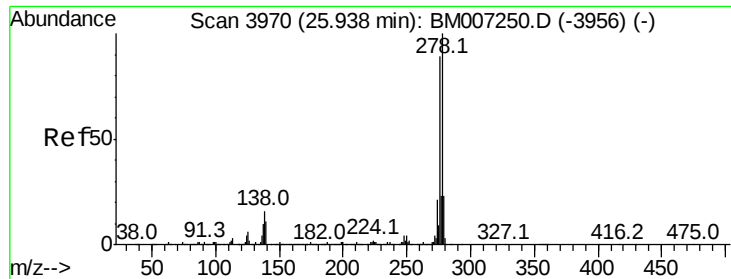
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.20 ng/ul
RT: 25.91 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	13.9	20.9
277	26.2	20.1	30.1





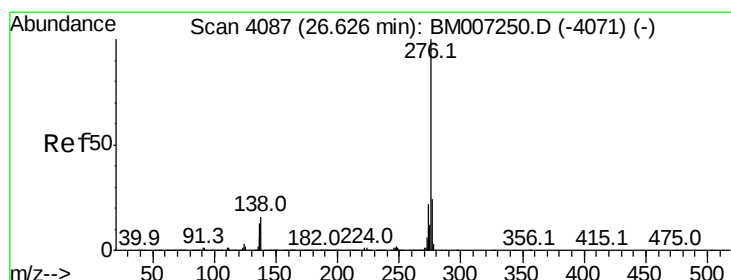
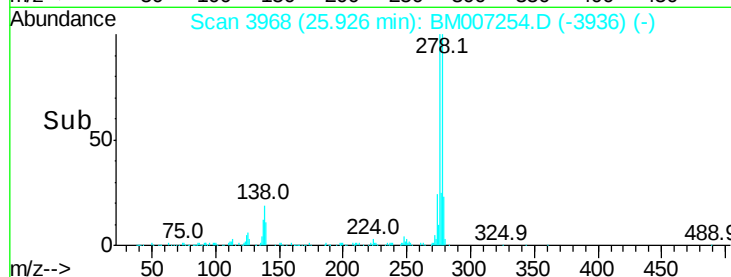
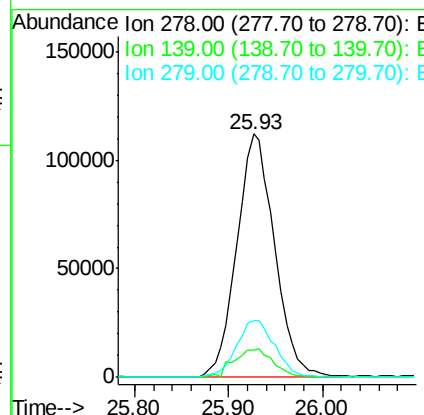
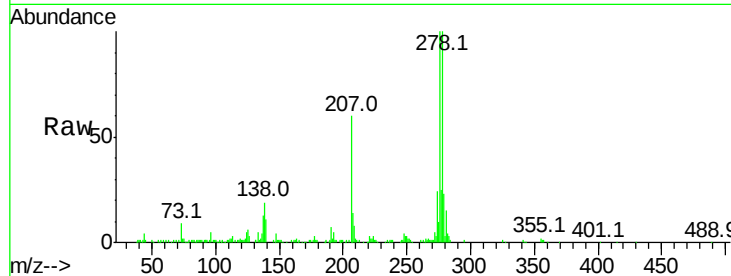
#90
Dibenzo(a,h)anthracene
Concen: 2.22 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.01 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Instrument :
BNA_M
ClientSampleId :
MDL-01-S

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.4	9.5	14.3
279	23.3	19.1	28.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.17 ng/ul
RT: 26.62 min Scan# 4086
Delta R.T. -0.01 min
Lab File: BM007254.D
Acq: 23 Aug 2016 16:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	13.5	20.3
277	23.2	19.3	28.9

