

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
 Data File : BM007269.D
 Acq On : 24 Aug 2016 01:19
 Operator : UM/SJ
 Sample : MDL-07-S-ML
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Manual Integrations
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Quant Time: Aug 24 06:53:27 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	158041	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	792725	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	596250	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1653188	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2435955	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2690055	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	8030	2.60	ng/uL	0.00
5) Phenol-d5	6.97	99	326415	21.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	196537	25.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	258332	23.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	295426	22.69	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	143968	24.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	168064	24.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	301177	22.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	441353	26.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1409038	27.39	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1509001	25.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	255977	26.36	ng/ul	0.00
57) Fluorene-d10	15.43	176	1177159	26.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	259347	24.95	ng/ul	0.00
70) Anthracene-d10	17.27	188	2064740	26.74	ng/ul	0.00
76) Pyrene-d10	19.57	212	2677250	26.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	3372493	27.22	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.35	88	2008	0.58 ng/uL#	30
4) Benzaldehyde	6.95	77	20897	2.46 ng/ul	95
6) Phenol	6.99	94	27486	1.78 ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.23	93	22564	2.09 ng/ul	97
10) 2-Chlorophenol	7.37	128	20628	1.83 ng/ul#	92
11) 2-Methylphenol	8.24	108	19968	1.65 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.33	45	24052	1.98 ng/ul	98
14) Acetophenone	8.62	105	40985	2.05 ng/ul	93
15) N-Nitroso-di-n-propylamine	8.60	70	20745	1.95 ng/ul#	92
16) 4-Methylphenol	8.56	108	24806	1.83 ng/ul	99
17) Hexachloroethane	8.87	117	8380	1.91 ng/ul	96
20) Nitrobenzene	9.00	77	30109	2.01 ng/ul	96
21) Isophorone	9.52	82	60334	1.98 ng/ul	99
23) 2-Nitrophenol	9.70	139	14070	1.90 ng/ul	91
24) 2,4-Dimethylphenol	9.76	107	29769	1.83 ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.00	93	33076	1.93 ng/ul	95
27) 2,4-Dichlorophenol	10.23	162	25622	1.91 ng/ul	90
28) Naphthalene	10.64	128	76960	1.95 ng/ul	100
30) 4-Chloroaniline	10.75	127	34874	2.01 ng/ul	98
31) Hexachlorobutadiene	10.92	225	18105	1.99 ng/ul	93
32) Caprolactam	11.53	113	10626m	1.96 ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	29407	1.77 ng/ul	95
34) 2-Methylnaphthalene	12.25	142	62542	1.94 ng/ul	98

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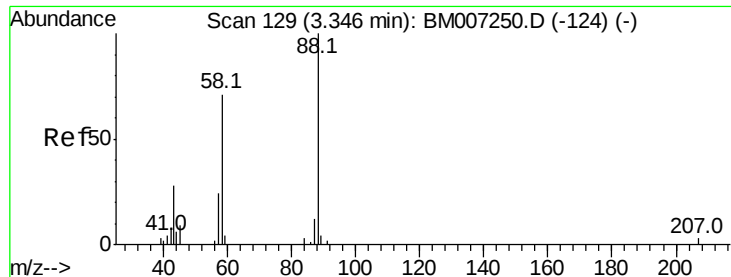
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	38720	1.95	ng/ul	97
37) Hexachlorocyclopentadiene	12.60	237	17135	1.43	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	23672	1.69	ng/ul	95
39) 2,4,5-Trichlorophenol	12.93	196	25951	1.77	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	91454	1.98	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	70574	1.95	ng/ul	97
42) 2-Nitroaniline	13.52	65	19963	1.69	ng/ul	97
44) Dimethylphthalate	13.89	163	112345	2.19	ng/ul	98
45) 2,6-Dinitrotoluene	14.01	165	18727	1.79	ng/ul	88
47) Acenaphthylene	14.15	152	124933	2.04	ng/ul	99
48) 3-Nitroaniline	14.34	138	19337	1.81	ng/ul	99
49) Acenaphthene	14.50	153	80736	2.02	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	8679	1.22	ng/ul	91
52) 4-Nitrophenol	14.64	109	22838	2.21	ng/ul	95
53) Dibenzofuran	14.83	168	122863	2.06	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	32150	2.00	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.06	232	27367	1.82	ng/ul#	87
56) Diethylphthalate	15.26	149	114821	2.15	ng/ul	98
58) Fluorene	15.48	166	106613	2.17	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	56439	2.19	ng/ul	98
60) 4-Nitroaniline	15.50	138	24033m	1.98	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.56	198	23011	2.07	ng/ul#	72
64) N-Nitrosodiphenylamine	15.69	169	95317	2.07	ng/ul	98
65) 4-Bromophenyl-phenylether	16.37	248	38978	2.09	ng/ul	92
66) Hexachlorobenzene	16.48	284	44371	2.12	ng/ul	96
67) Atrazine	16.64	200	41325	2.12	ng/ul	98
68) Pentachlorophenol	16.83	266	21789	1.62	ng/ul	99
69) Phenanthrene	17.22	178	196862	2.22	ng/ul	99
71) Anthracene	17.31	178	198218	2.16	ng/ul	99
72) Carbazole	17.58	167	173291	2.18	ng/ul	99
73) Di-n-butylphthalate	18.14	149	203158	2.03	ng/ul	98
74) Fluoranthene	19.23	202	259148	2.33	ng/ul	98
77) Pyrene	19.59	202	287624	2.20	ng/ul	99
78) Butylbenzylphthalate	20.49	149	94522	1.74	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.27	252	100549	2.08	ng/ul	97
80) Benzo(a)anthracene	21.34	228	323948	2.26	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	145444	1.84	ng/ul	99
82) Chrysene	21.39	228	292974	2.25	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	261500	1.95	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	353217	2.22	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	327958	2.23	ng/ul	97
88) Benzo(a)pyrene	23.53	252	340982	2.24	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	413067	2.21	ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	348795	2.25	ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	345841	2.18	ng/ul	99

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



#2

1,4-Dioxane

Concen: 0.58 ng/uL

RT: 3.35 min Scan# 130

Delta R.T. 0.01 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Instrument :

BNA_M

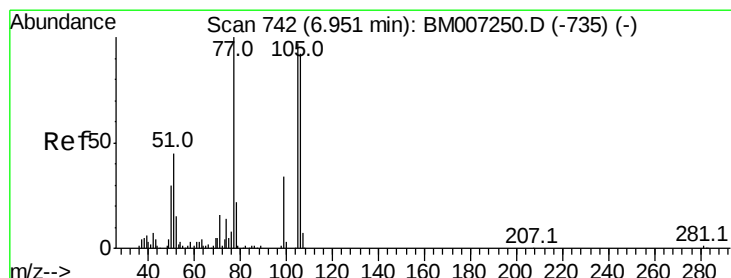
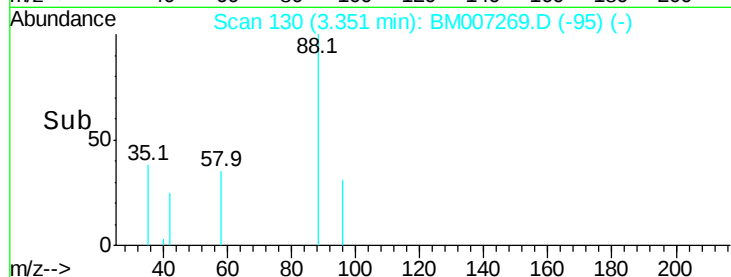
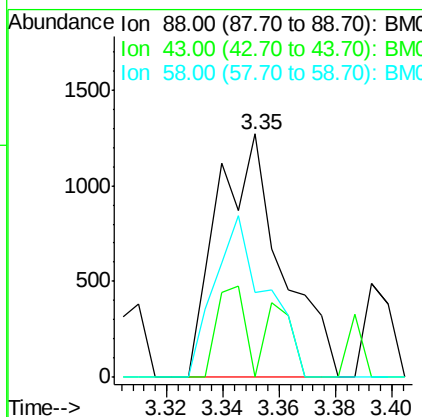
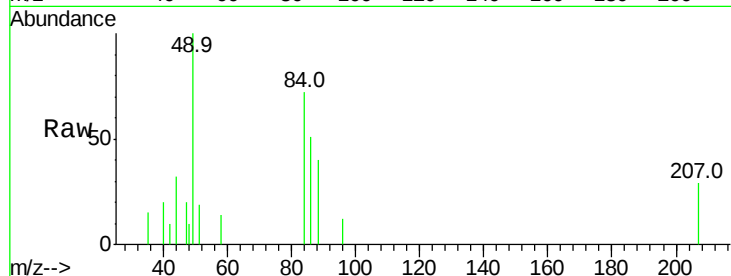
ClientSampleId :

MDL-07-S-ML

Tot Ion:	88	Resp:	2008
Ion	Ratio	Lower	Upper
88	100		
43	12.5	22.6	34.0#
58	0.0	57.3	85.9#

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#4

Benzaldehyde

Concen: 2.46 ng/uL

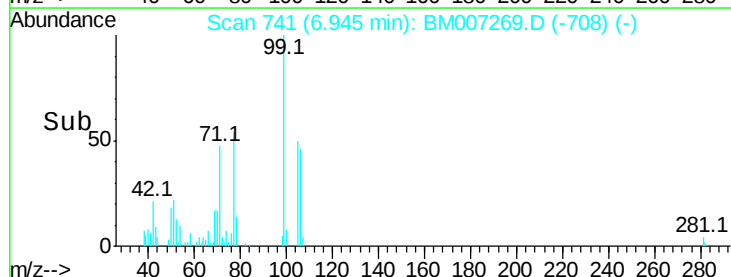
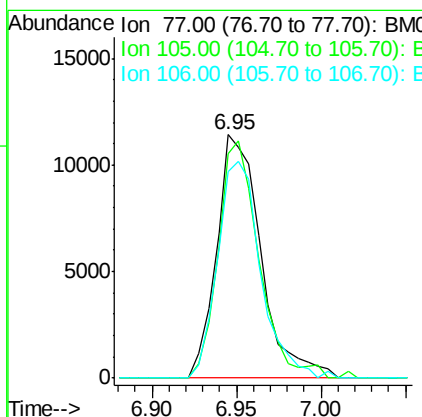
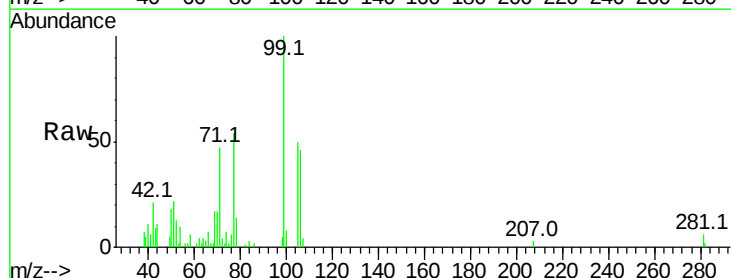
RT: 6.95 min Scan# 741

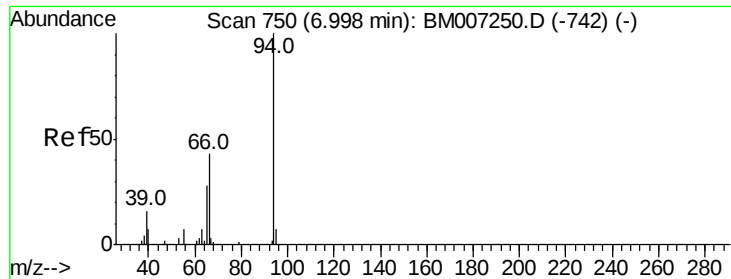
Delta R.T. -0.01 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Tgt Ion:	77	Resp:	20897
Ion	Ratio	Lower	Upper
77	100		
105	92.3	76.9	115.3
106	84.6	71.8	107.8





#6

Phenol

Concen: 1.78 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Instrument :

BNA_M

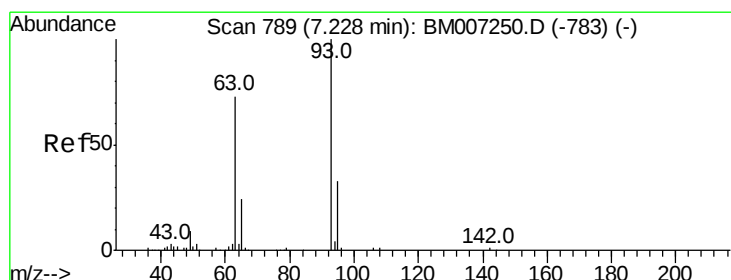
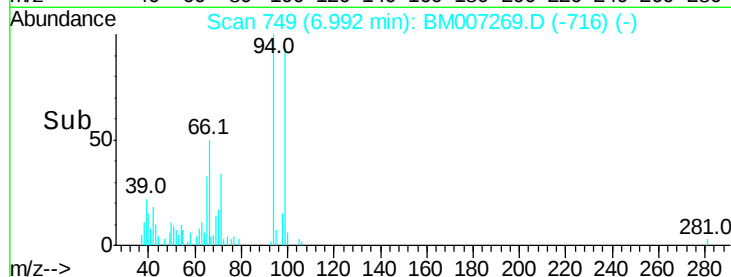
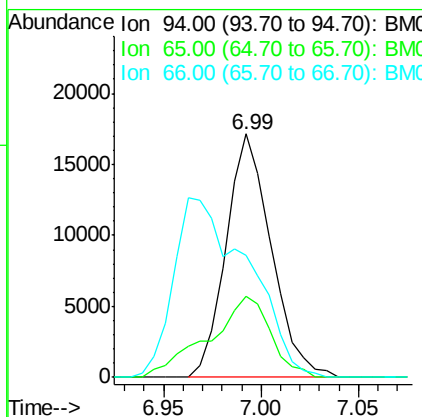
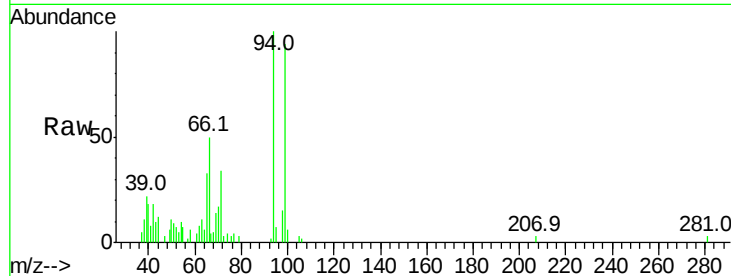
ClientSampleId :

MDL-07-S-ML

Tot Ion:	94	Resp:	27486
Ion	Ratio	Lower	Upper
94	100		
65	33.3	23.9	35.9
66	50.3	33.5	50.3#

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#8

Bis(2-Chloroethyl)ether

Concen: 2.09 ng/ul

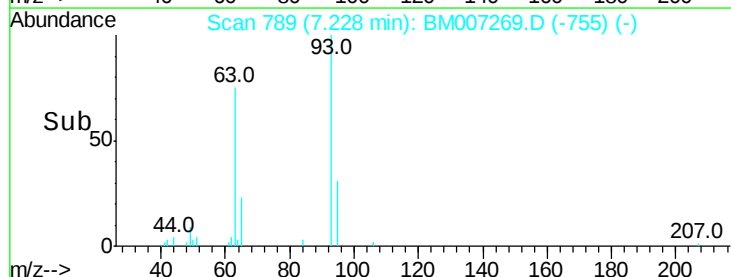
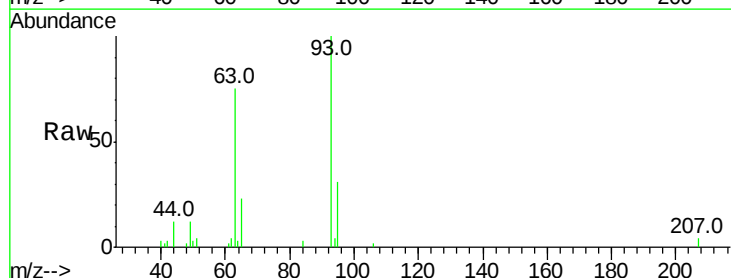
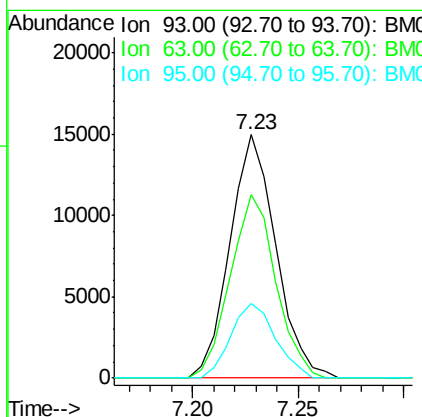
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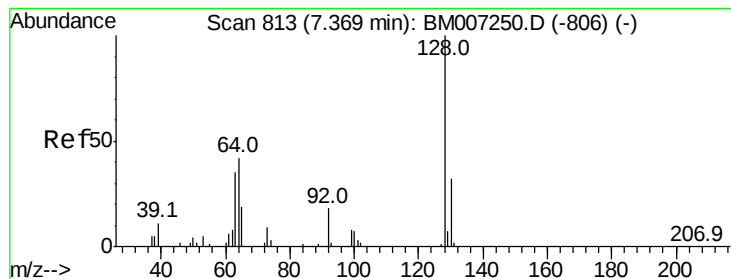
Delta R.T. -0.00 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Tgt Ion:	93	Resp:	22564
Ion	Ratio	Lower	Upper
93	100		
63	75.3	57.3	85.9
95	30.8	25.1	37.7





#10

2-Chlorophenol

Concen: 1.83 ng/ul

RT: 7.37 min Scan# 813

Delta R.T. -0.00 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Instrument :

BNA_M

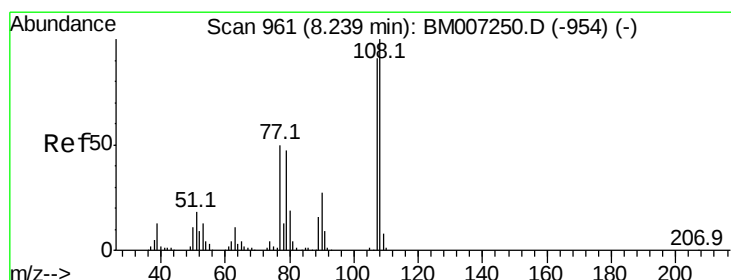
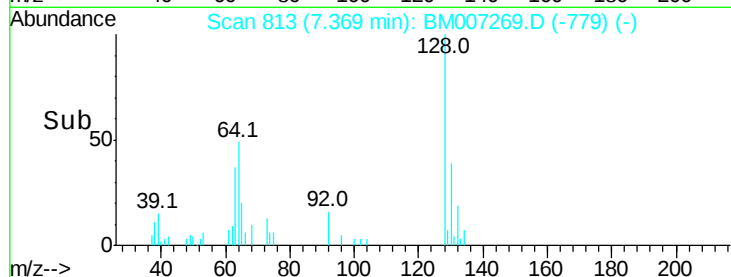
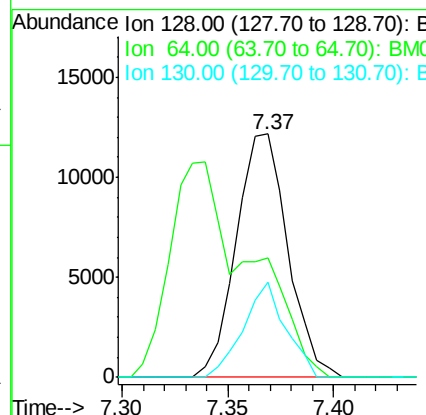
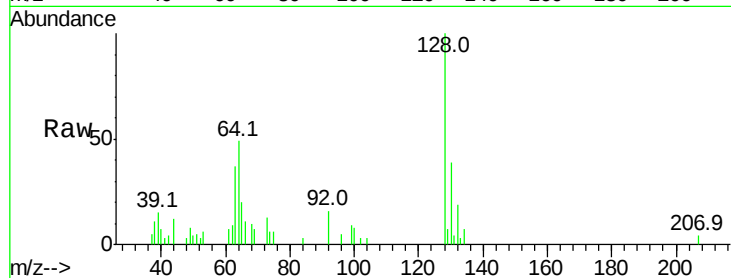
ClientSampleId :

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Tot Ion:	128	Resp:	20628
Ion Ratio	Lower	Upper	
128	100		
64	49.0	37.5	56.3
130	39.3	25.0	37.4

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#11

2-Methylphenol

Concen: 1.65 ng/ul

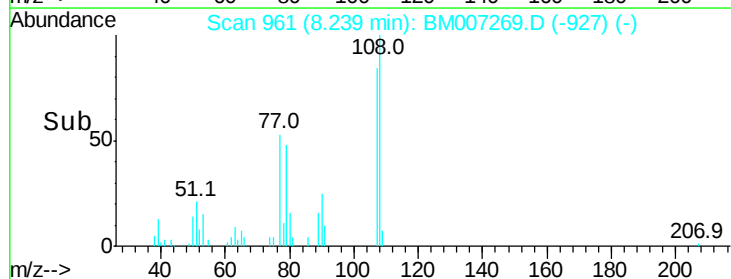
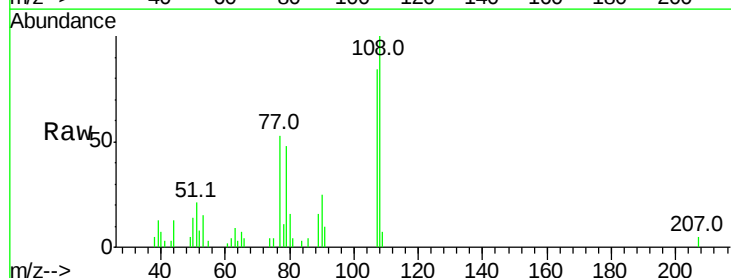
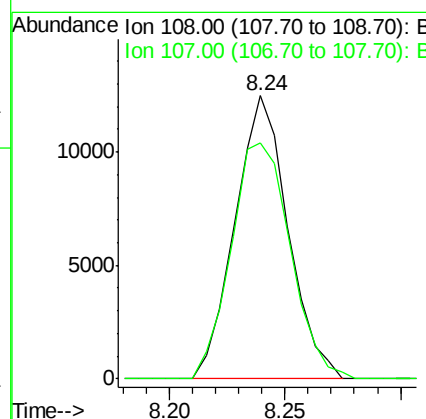
RT: 8.24 min Scan# 961

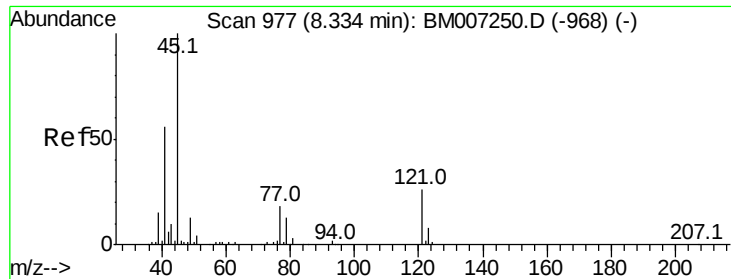
Delta R.T. -0.00 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Tgt Ion:	108	Resp:	19968
Ion Ratio	Lower	Upper	
108	100		
107	83.5	71.8	107.6





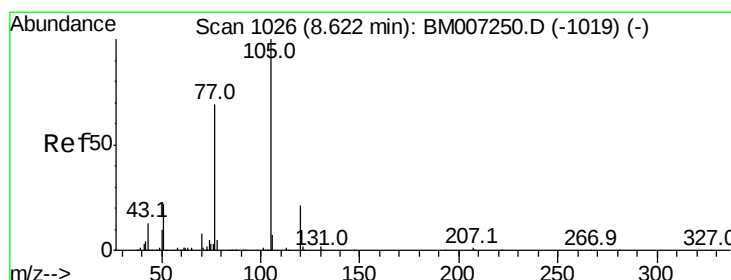
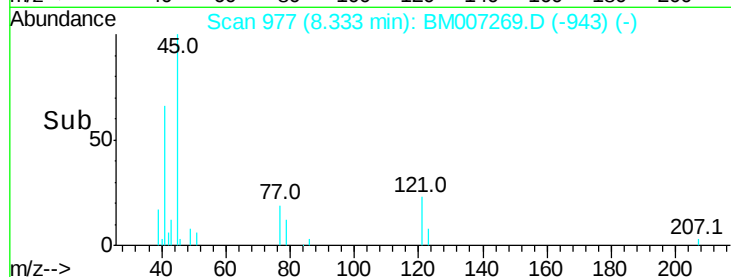
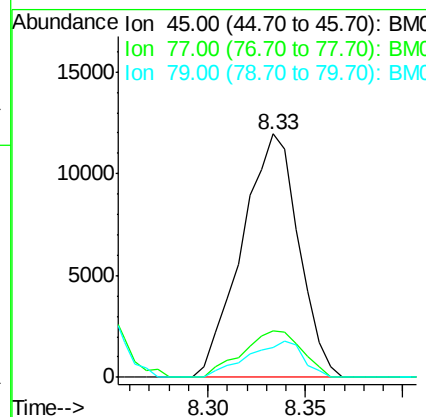
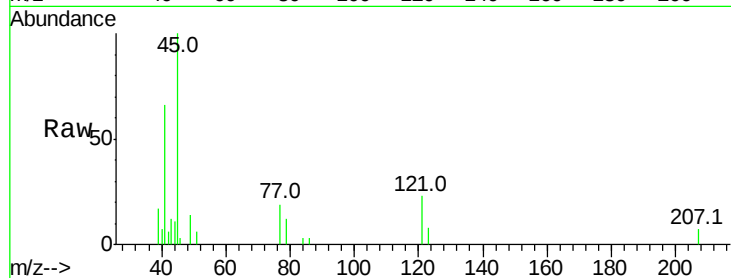
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 1.98 ng/ul
RT: 8.33 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM007269.D
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Tot Ion	Ratio	Lower	Upper
45	100		
77	18.9	14.1	21.1
79	12.4	10.4	15.6

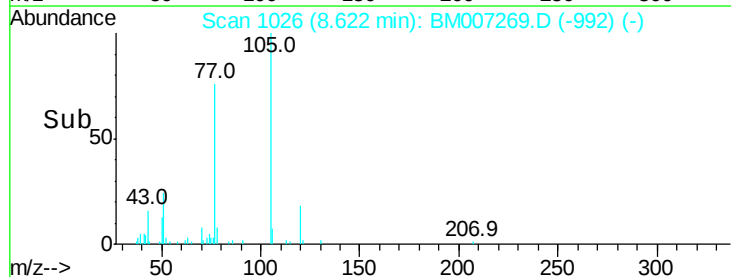
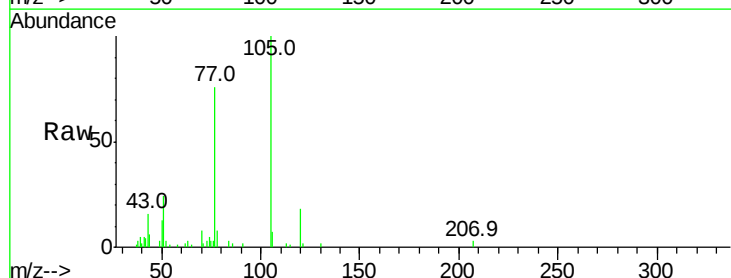
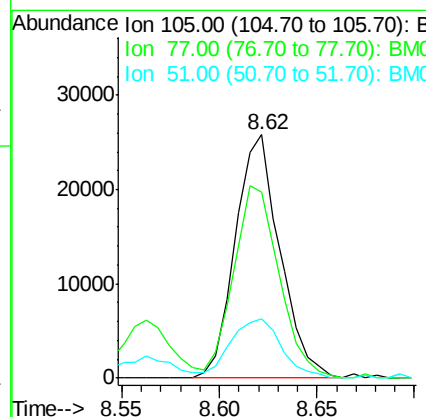
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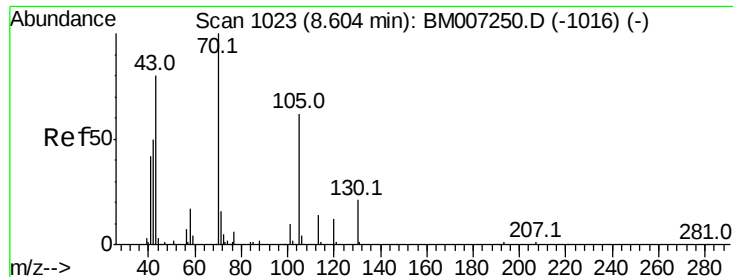
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#14
Acetophenone
Concen: 2.05 ng/ul
RT: 8.62 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Tgt Ion	Ratio	Lower	Upper
105	100		
77	76.5	65.9	98.9
51	24.2	22.2	33.2





#15

N-Nitroso-di-n-propylamine

Concen: 1.95 ng/ul

RT: 8.60 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Instrument :

BNA_M

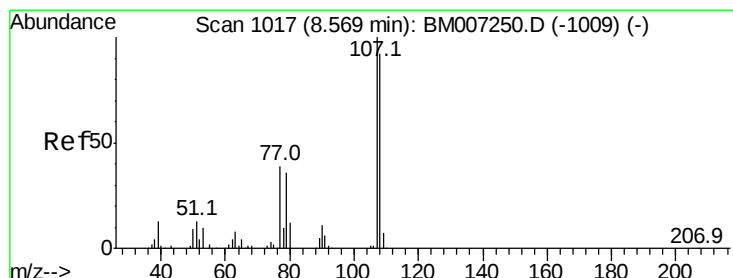
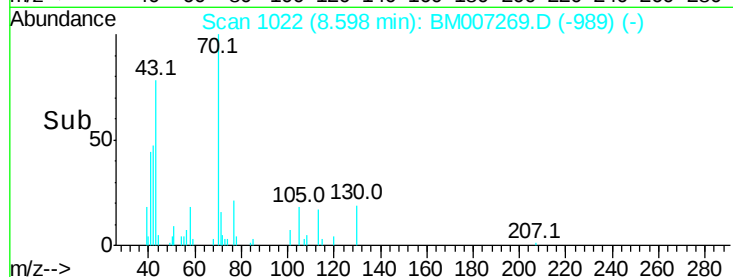
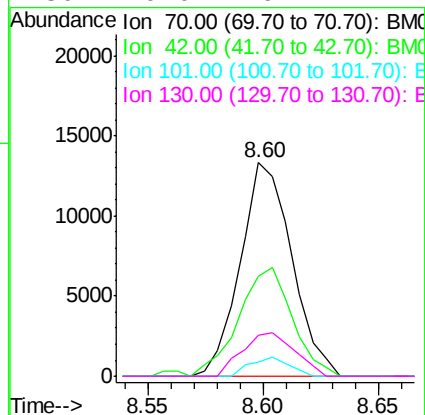
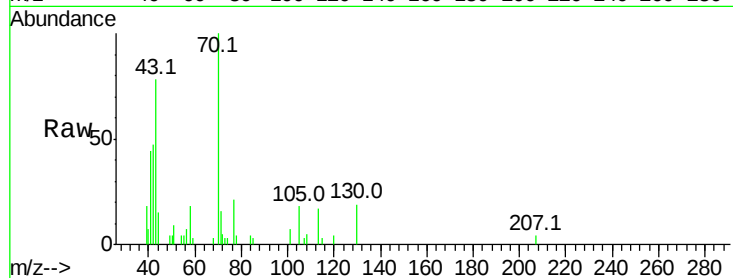
ClientSampleId :

MDL-07-S-ML

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.7	43.4	65.2	
101	6.6	7.8	11.6	
130	19.0	16.2	24.4	

Manual Integrations
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#16

4-Methylphenol

Concen: 1.83 ng/ul

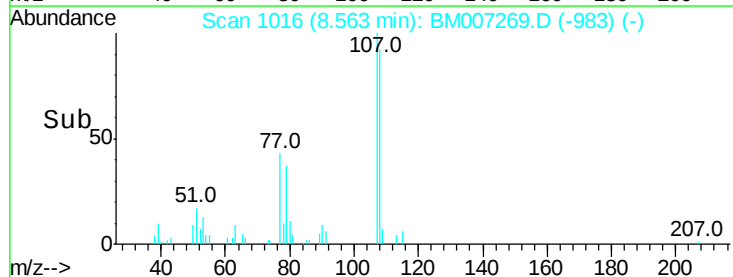
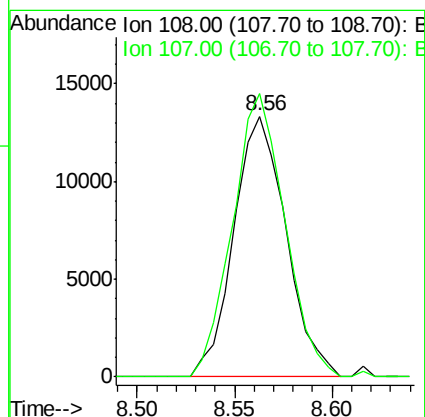
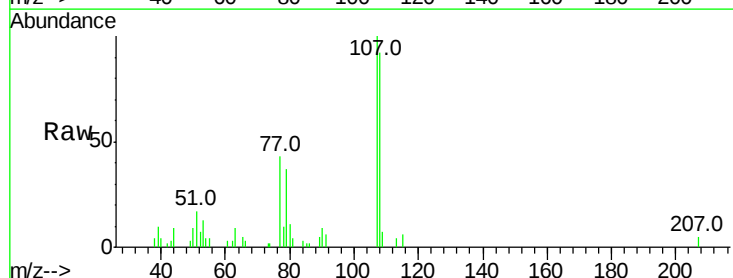
RT: 8.56 min Scan# 1016

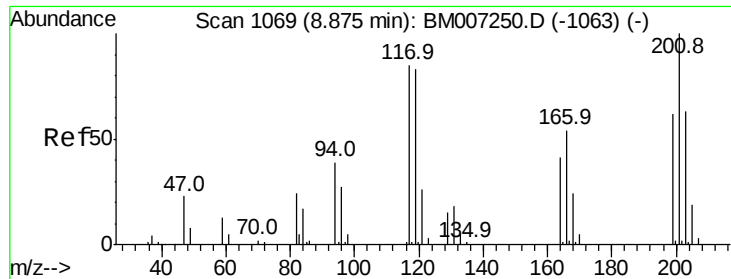
Delta R.T. -0.01 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	108.7	87.8	131.8	





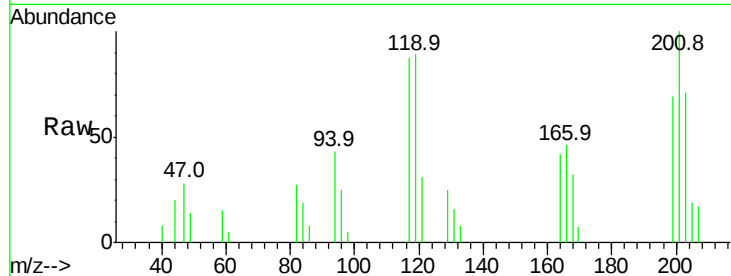
#17
Hexachloroethane
Concen: 1.91 ng/ul
RT: 8.87 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tot Ion	Ratio	Resp	Lower	Upper
117	100	8380		
201	114.6	90.3	135.5	
199	78.7	58.5	87.7	

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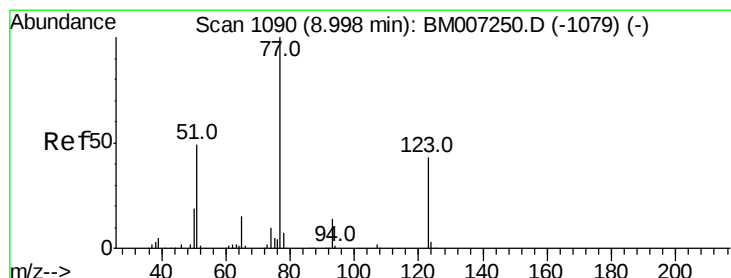
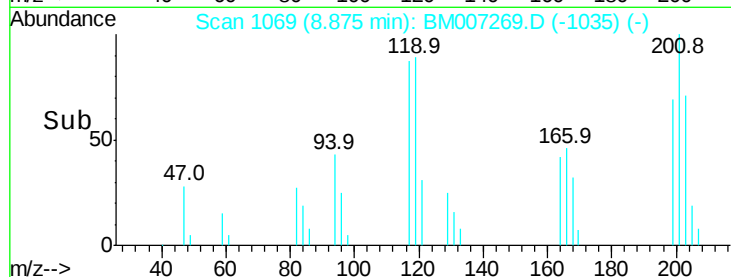
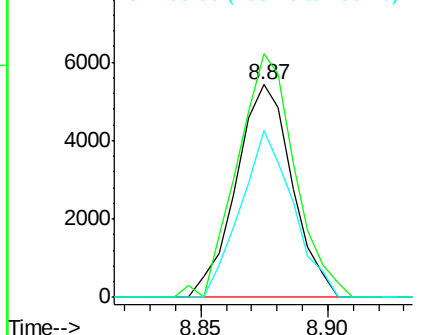


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20
Nitrobenzene
Concen: 2.01 ng/ul
RT: 9.00 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

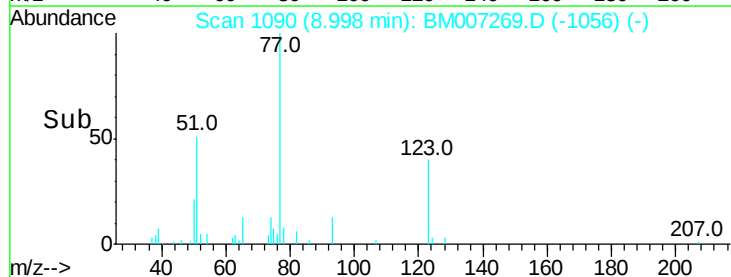
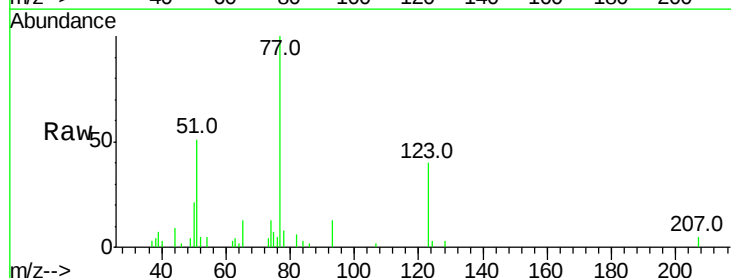
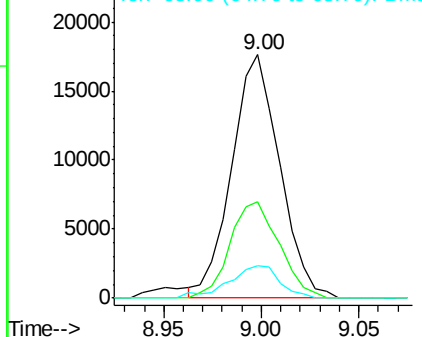
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	30109		
123	39.8	34.2	51.4	
65	13.3	11.0	16.6	

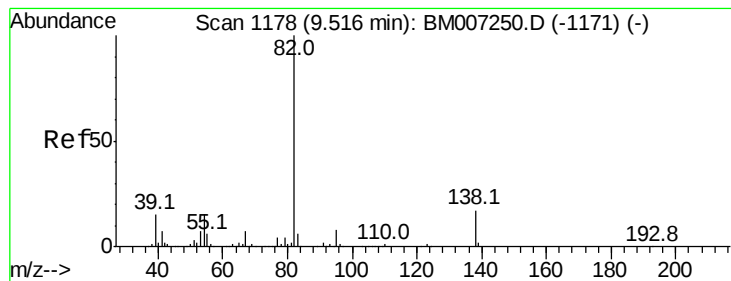
Abundance

Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 1.98 ng/ul

RT: 9.52 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Instrument :

BNA_M

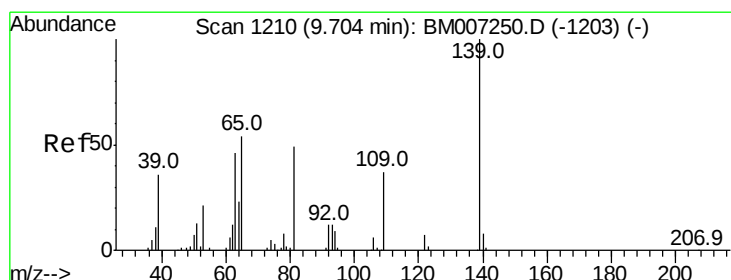
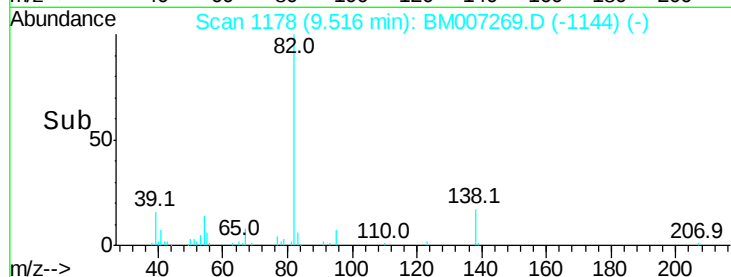
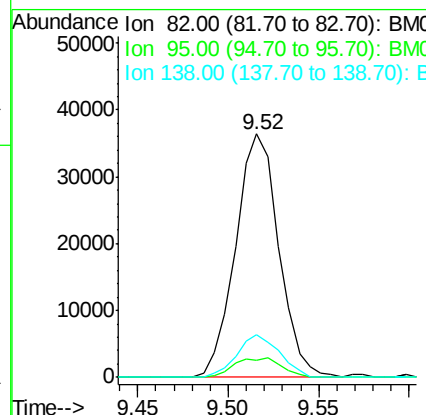
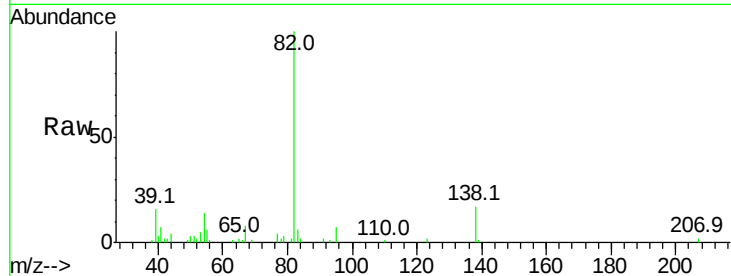
ClientSampleId :

MDL-07-S-ML

Tot Ion:	82	Resp:	60334
Ion	Ratio	Lower	Upper
82	100		
95	7.2	6.9	10.3
138	17.3	13.8	20.8

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#23

2-Nitrophenol

Concen: 1.90 ng/ul

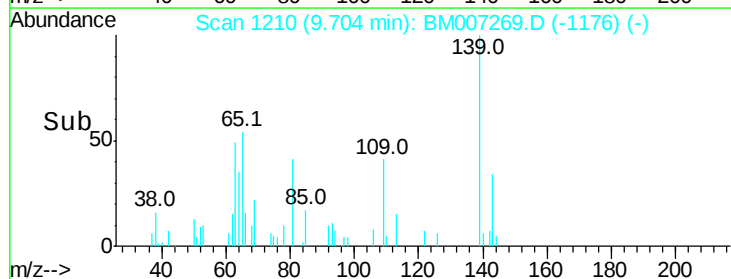
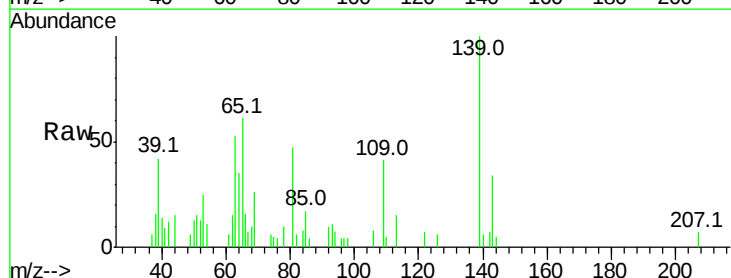
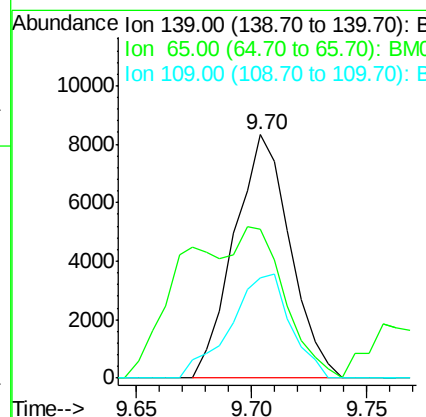
RT: 9.70 min Scan# 1210

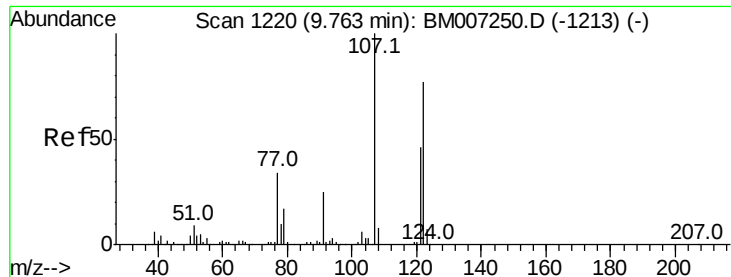
Delta R.T. -0.00 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Tgt Ion:	139	Resp:	14070
Ion	Ratio	Lower	Upper
139	100		
65	61.1	44.2	66.4
109	41.3	28.2	42.4





#24

2,4-Dimethylphenol

Concen: 1.83 ng/ul

RT: 9.76 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Instrument :

BNA_M

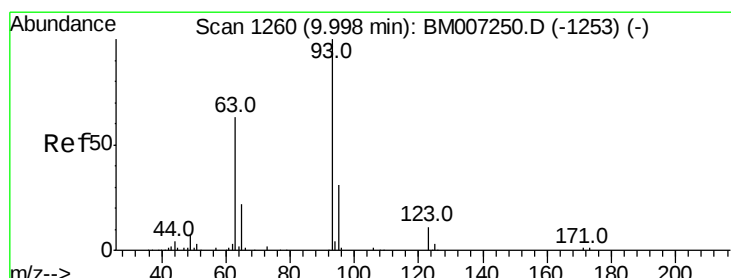
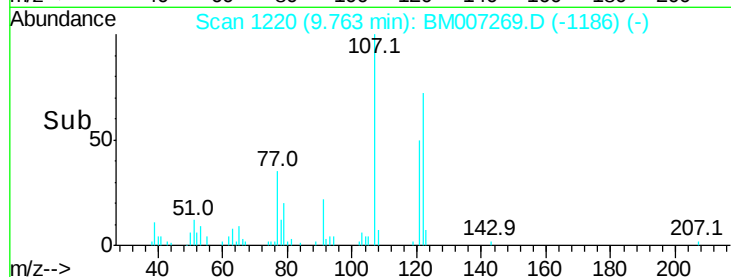
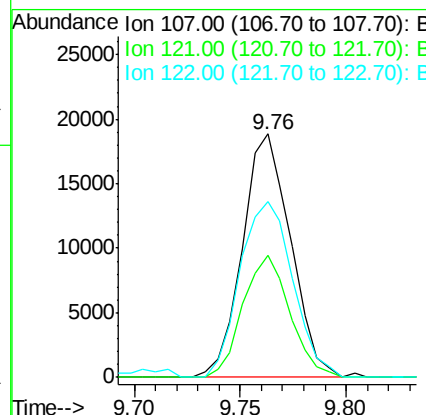
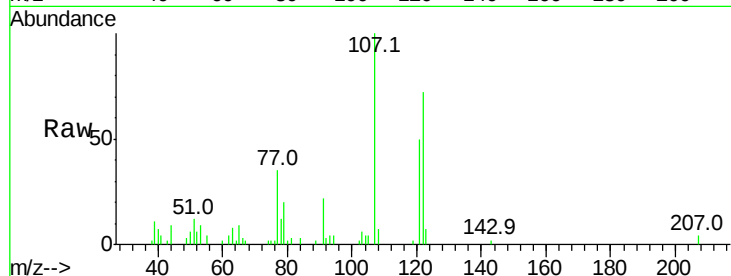
ClientSampleId :

MDL-07-S-ML

Tot Ion:	107	Resp:	29769
Ion Ratio	Lower	Upper	
107	100		
121	50.0	37.1	55.7
122	72.1	62.8	94.2

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#25

Bis(2-Chloroethoxy)methane

Concen: 1.93 ng/ul

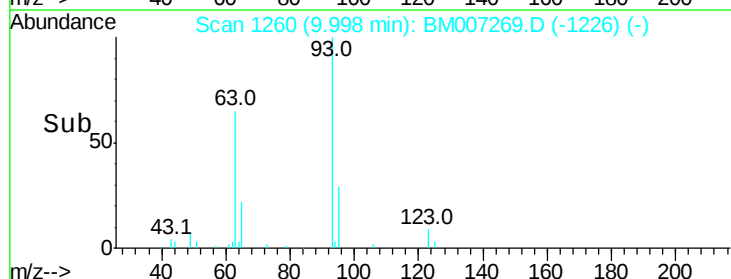
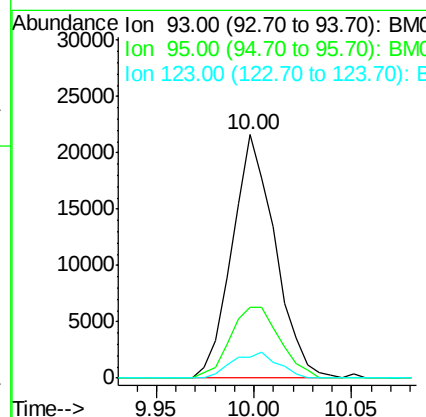
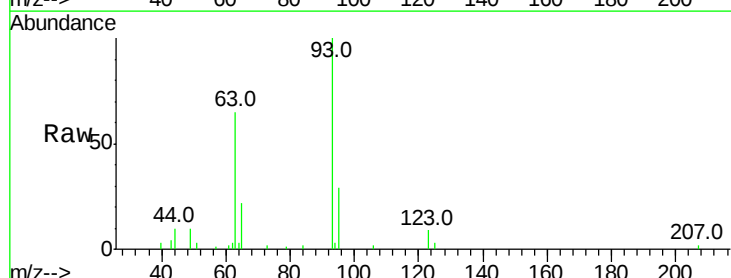
RT: 10.00 min Scan# 1260

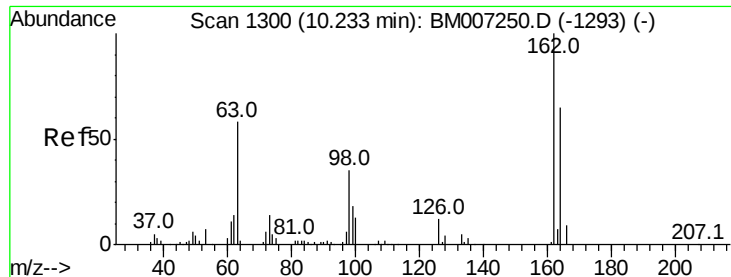
Delta R.T. -0.00 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Tgt Ion:	93	Resp:	33076
Ion Ratio	Lower	Upper	
93	100		
95	29.1	25.4	38.0
123	8.5	8.3	12.5





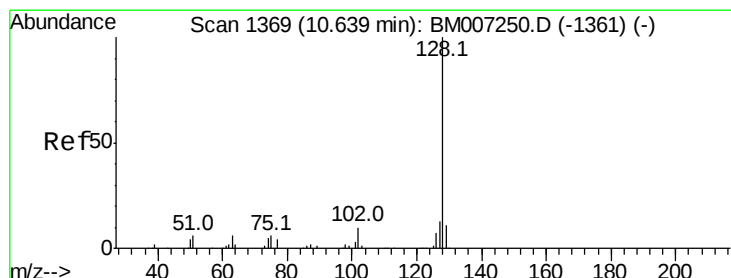
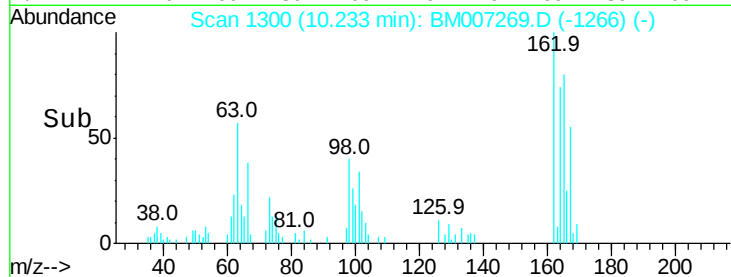
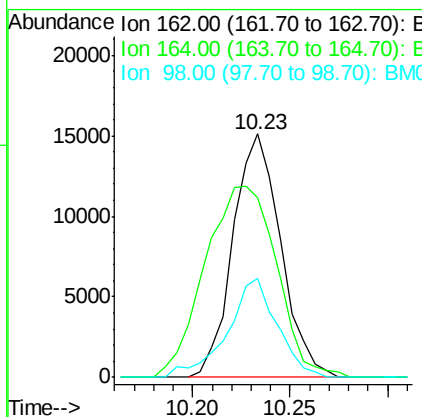
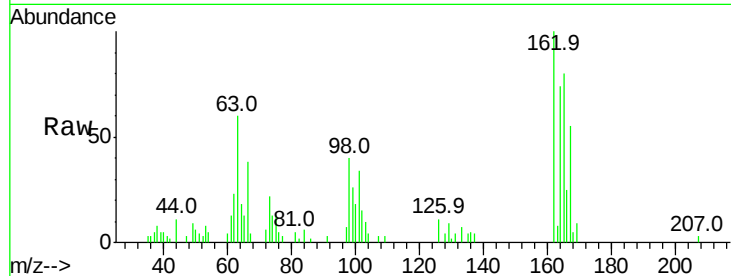
#27
 2,4-Dichlorophenol
 Concen: 1.91 ng/ul
 RT: 10.23 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BM007269.D
 Acq: 24 Aug 2016 01:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Tot Ion:	162	Resp:	25622
Ion Ratio	Lower	Upper	
162	100		
164	73.5	51.6	77.4
98	40.4	28.4	42.6

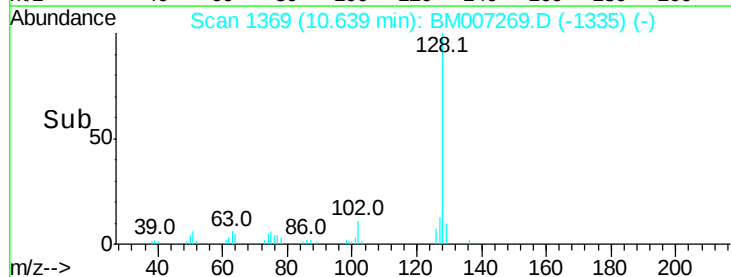
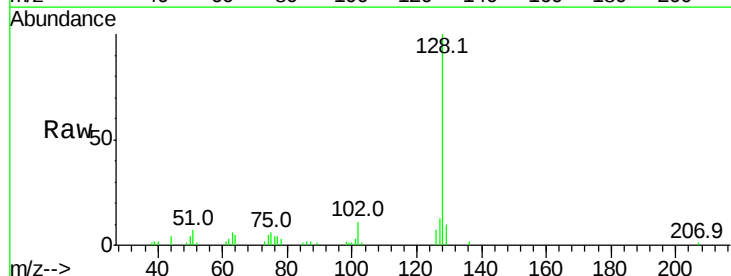
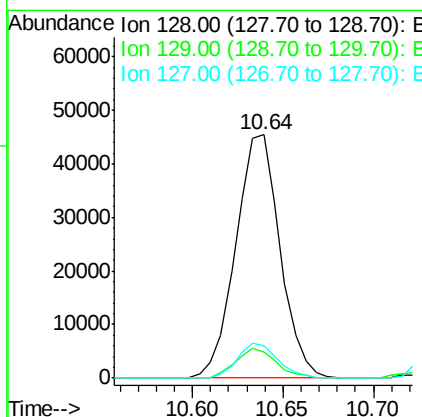
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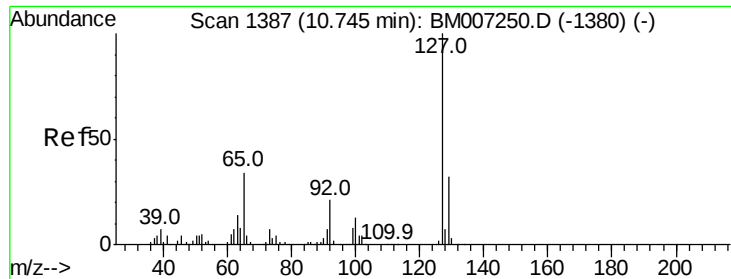
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#28
 Naphthalene
 Concen: 1.95 ng/ul
 RT: 10.64 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BM007269.D
 Acq: 24 Aug 2016 01:19

Tgt Ion:	128	Resp:	76960
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.6	12.8
127	13.1	10.6	15.8





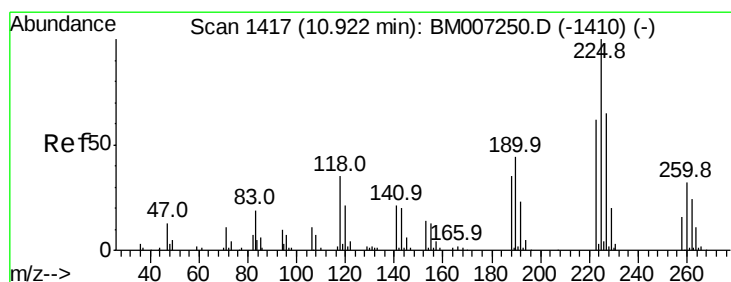
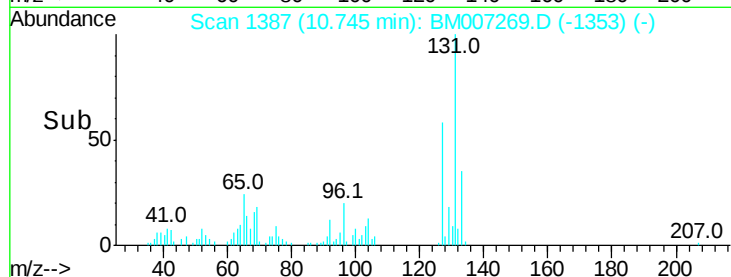
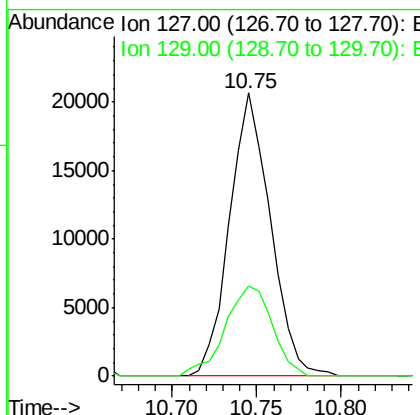
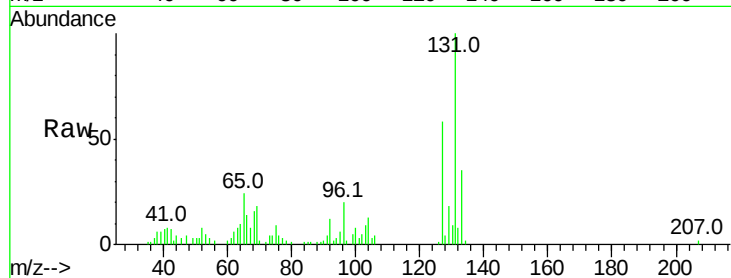
#30
4-Chloroaniline
Concen: 2.01 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tot Ion:127 Resp: 34874
Ion Ratio Lower Upper
127 100
129 32.0 24.6 37.0

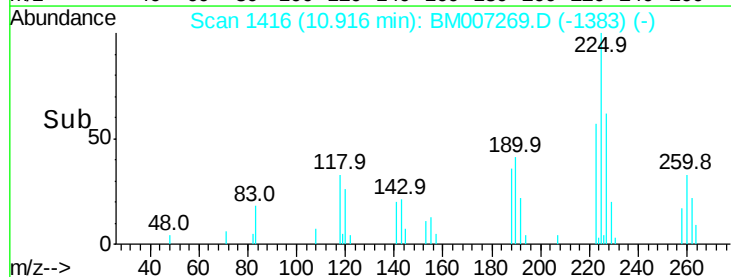
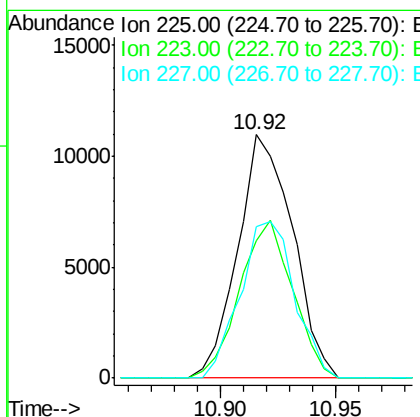
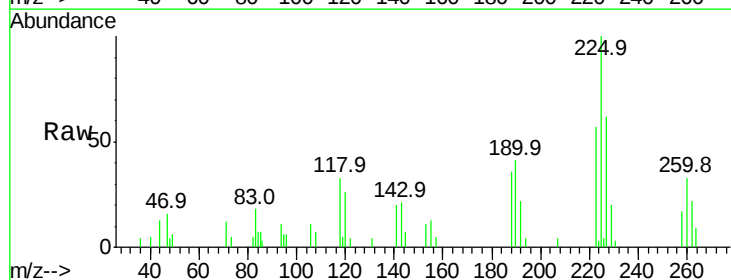
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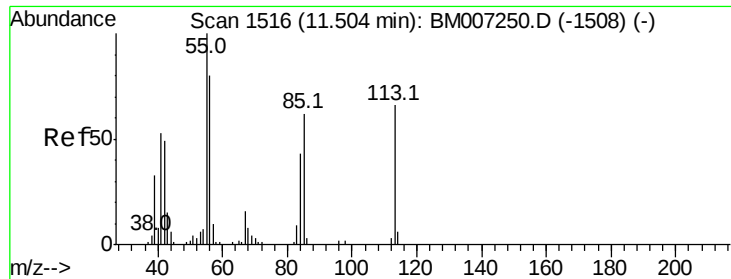
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#31
Hexachlorobutadiene
Concen: 1.99 ng/ul
RT: 10.92 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Tgt Ion:225 Resp: 18105
Ion Ratio Lower Upper
225 100
223 56.5 51.2 76.8
227 62.4 52.5 78.7





#32

Caprolactam

Concen: 1.96 ng/ul m

RT: 11.53 min Scan# 1521

Delta R.T. 0.03 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Instrument :

BNA_M

ClientSampleId :

MDL-07-S-ML

Tot Ion:113 Resp: 10626

Ion Ratio Lower Upper

113 100

55 115.7 121.9 182.9#

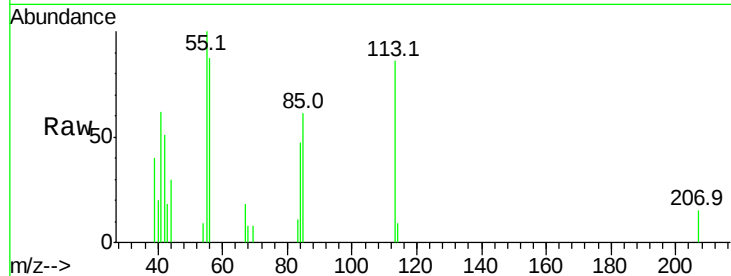
56 100.8 97.4 146.0

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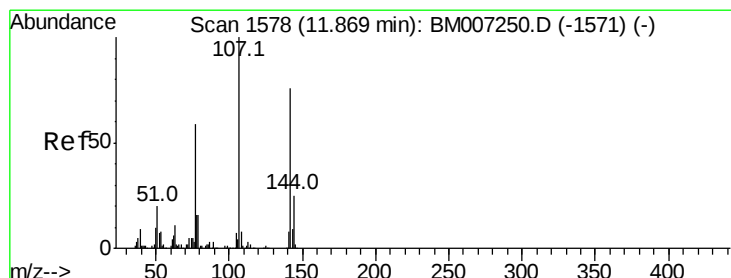
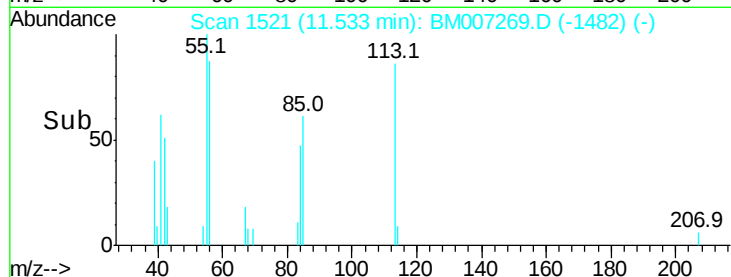
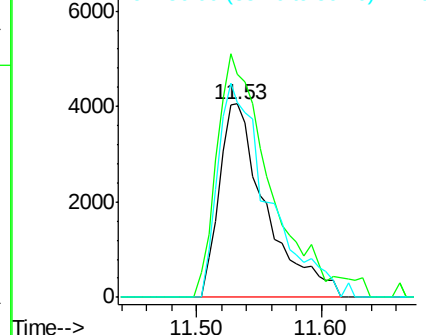
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 1.77 ng/ul

RT: 11.87 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

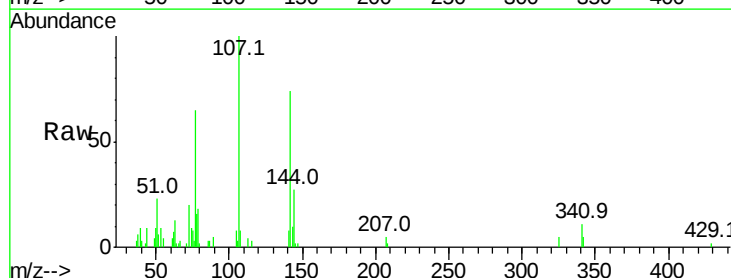
Tgt Ion:107 Resp: 29407

Ion Ratio Lower Upper

107 100

144 27.2 21.1 31.7

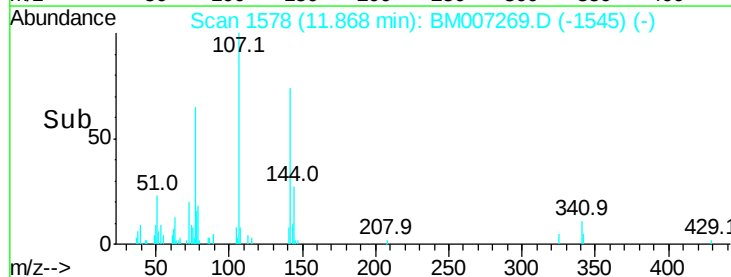
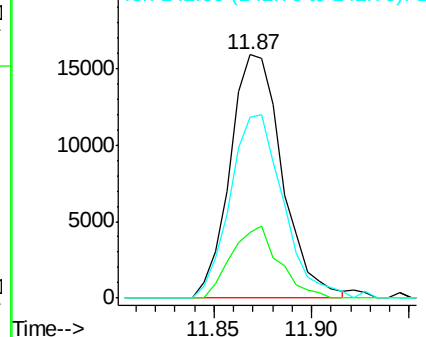
142 74.3 64.1 96.1

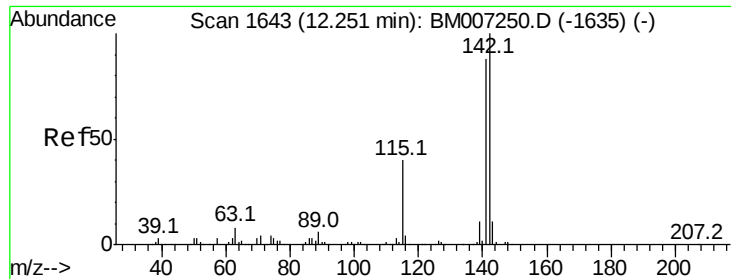


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





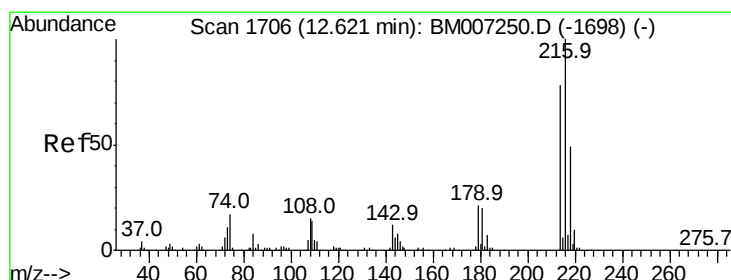
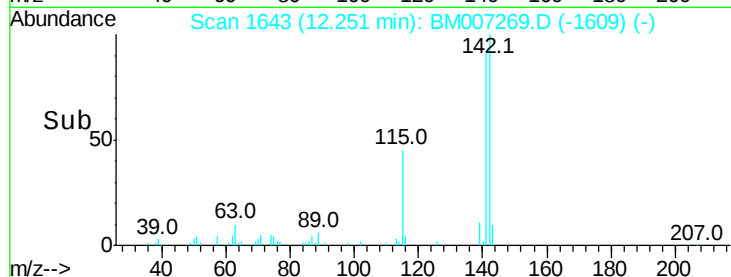
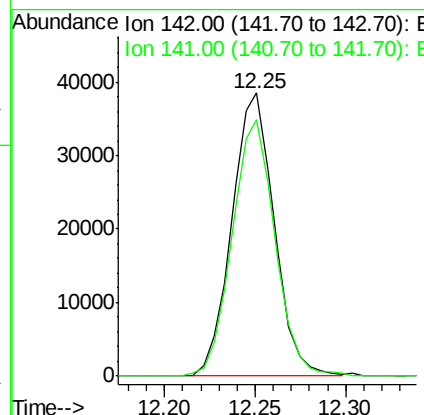
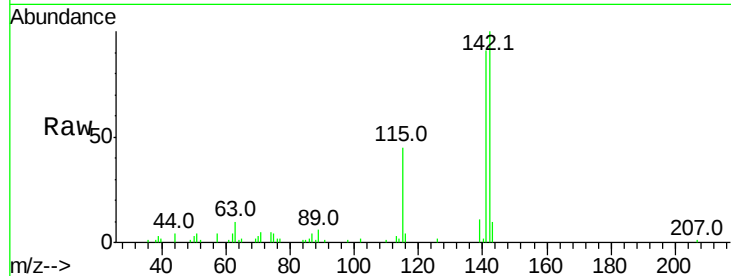
#34
2-Methylnaphthalene
Concen: 1.94 ng/ul
RT: 12.25 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tot Ion:142 Resp: 62542
Ion Ratio Lower Upper
142 100
141 90.8 71.3 106.9

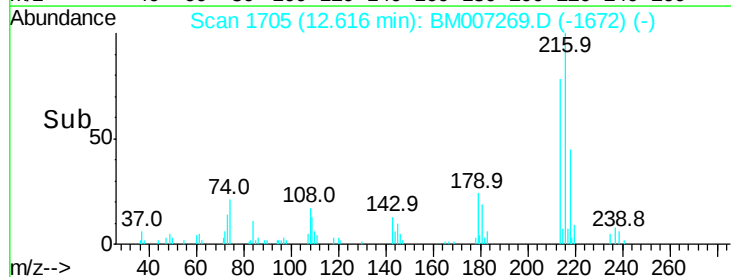
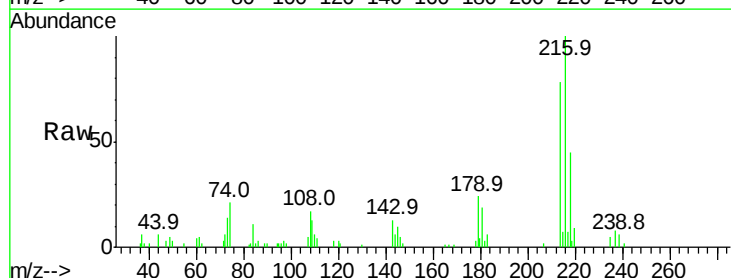
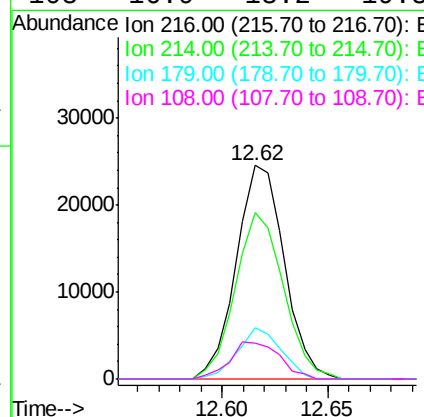
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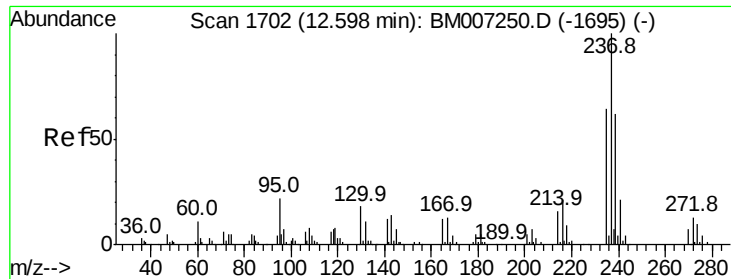
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 1.95 ng/ul
RT: 12.62 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Tgt Ion:216 Resp: 38720
Ion Ratio Lower Upper
216 100
214 78.1 64.8 97.2
179 23.8 16.7 25.1
108 16.9 13.2 19.8





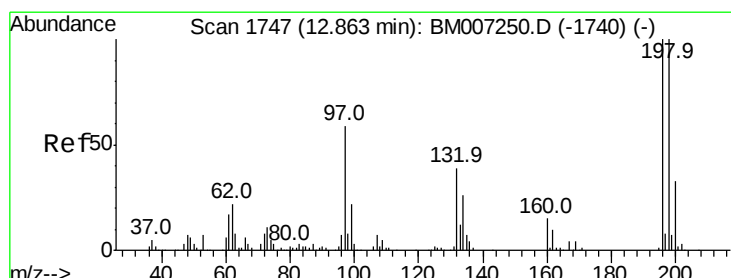
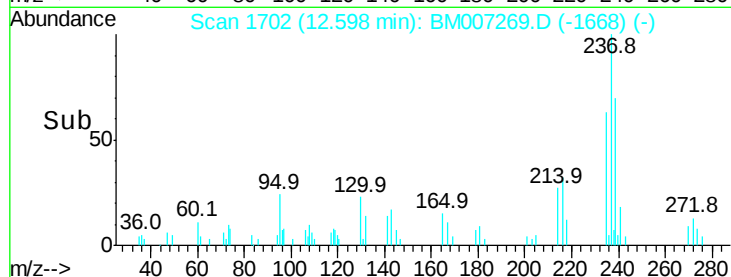
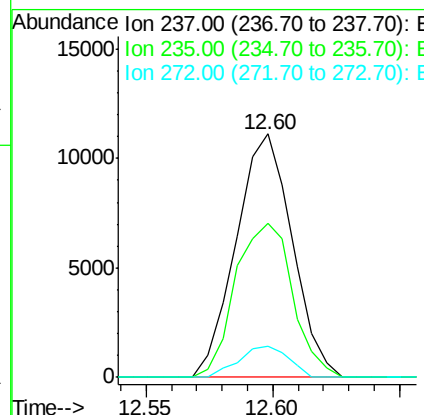
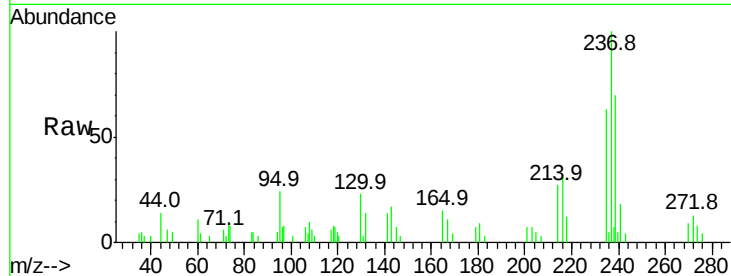
#37
Hexachlorocyclopentadiene
Concen: 1.43 ng/ul
RT: 12.60 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tot Ion	Ratio	Resp	Lower	Upper
237	100	17135		
235	63.2	49.6	74.4	
272	12.6	10.4	15.6	

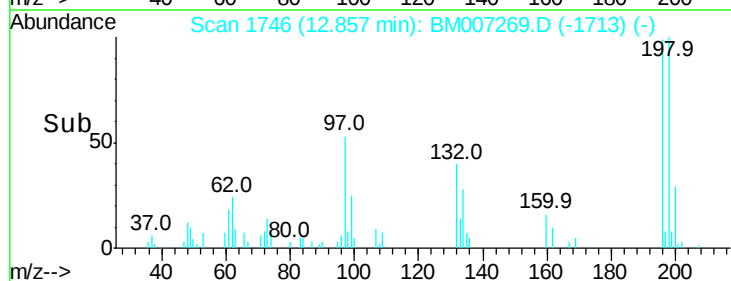
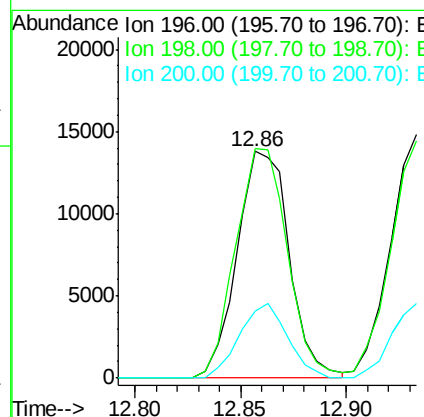
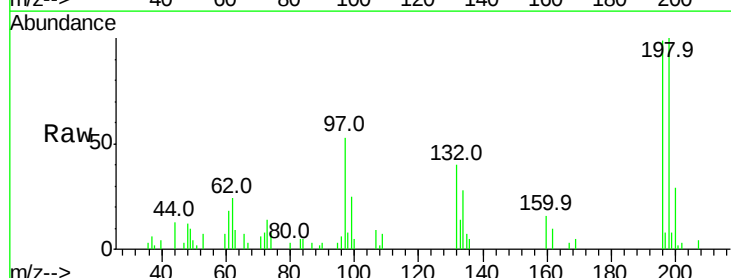
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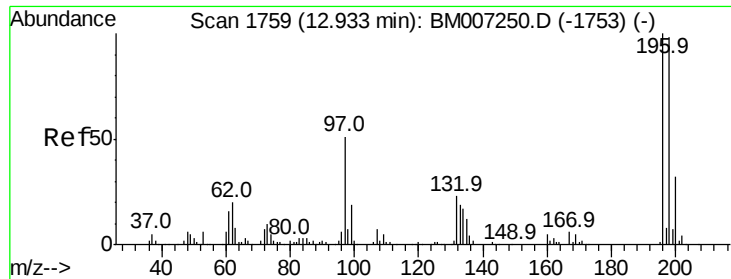
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#38
2,4,6-Trichlorophenol
Concen: 1.69 ng/ul
RT: 12.86 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	23672		
198	101.4	76.9	115.3	
200	29.4	25.1	37.7	





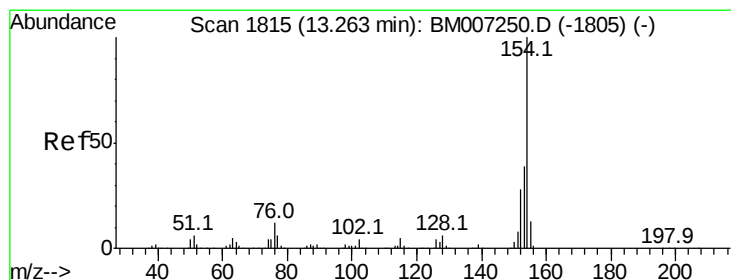
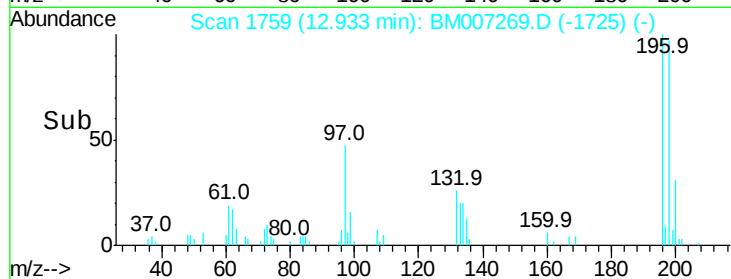
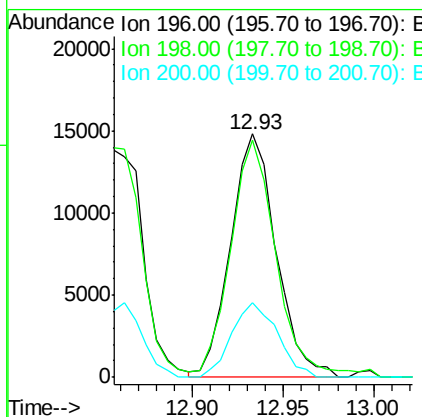
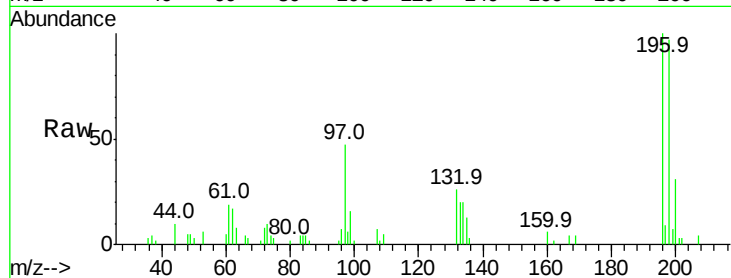
#39
 2,4,5-Trichlorophenol
 Concen: 1.77 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BM007269.D
 Acq: 24 Aug 2016 01:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Tot Ion:	196	Resp:	25951
Ion Ratio	Lower	Upper	
196	100		
198	97.4	76.8	115.2
200	30.7	27.0	40.4

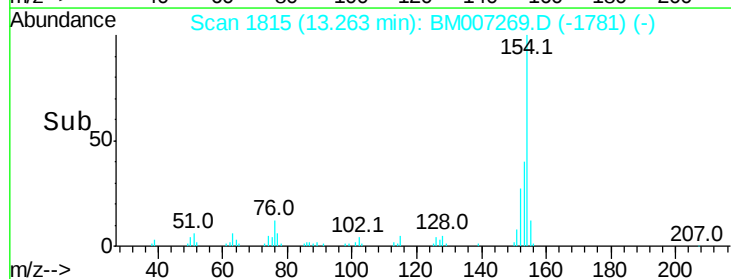
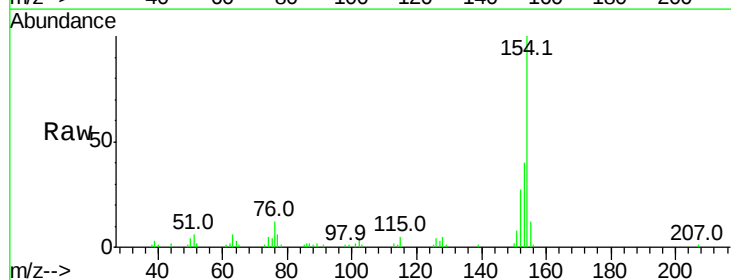
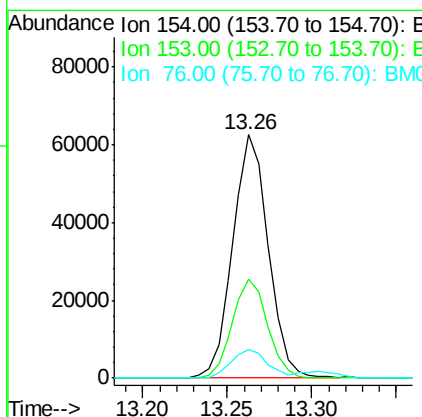
Manual Integrations
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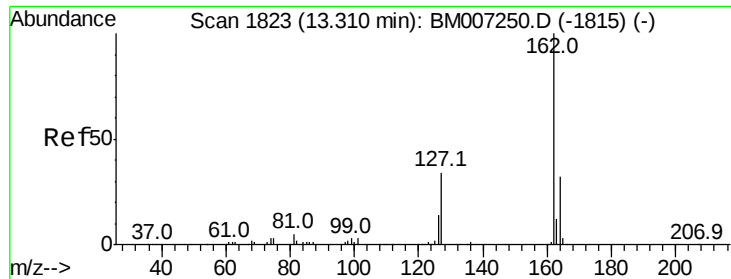
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#40
 1,1'-Biphenyl
 Concen: 1.98 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BM007269.D
 Acq: 24 Aug 2016 01:19

Tgt Ion:	154	Resp:	91454
Ion Ratio	Lower	Upper	
154	100		
153	40.5	31.3	46.9
76	12.0	10.0	15.0





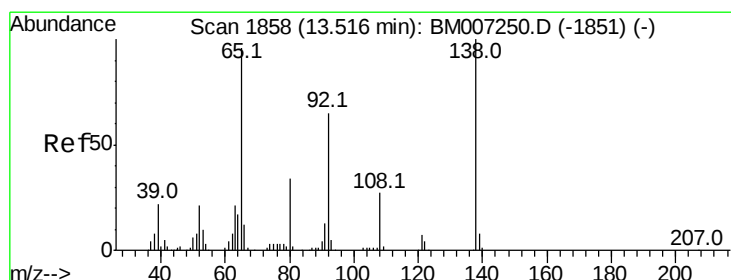
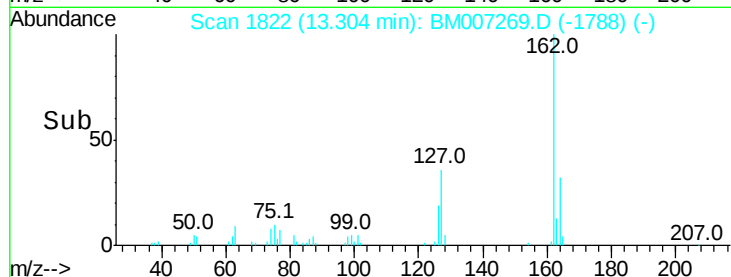
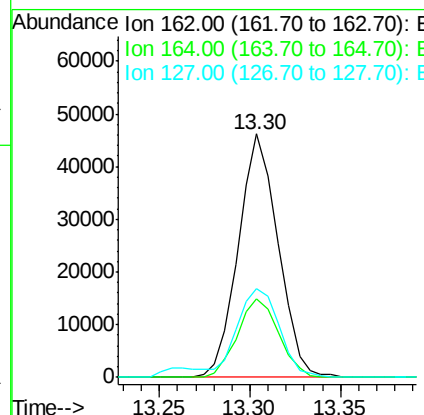
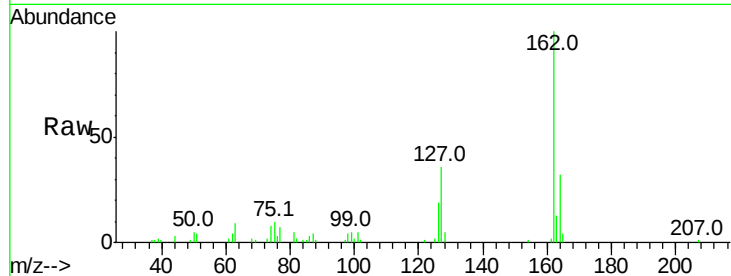
#41
 2-Chloronaphthalene
 Concen: 1.95 ng/ul
 RT: 13.30 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BM007269.D
 Acq: 24 Aug 2016 01:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Tot Ion	Ratio	Lower	Upper
162	100		
164	32.4	26.9	40.3
127	36.5	31.2	46.8

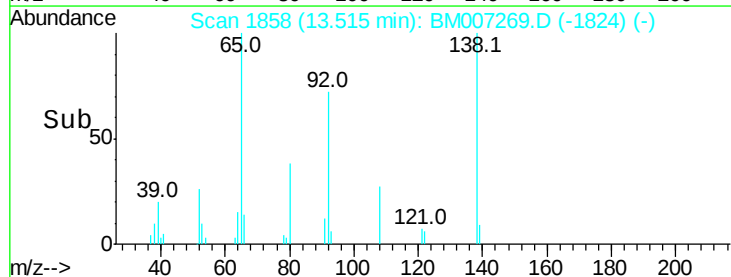
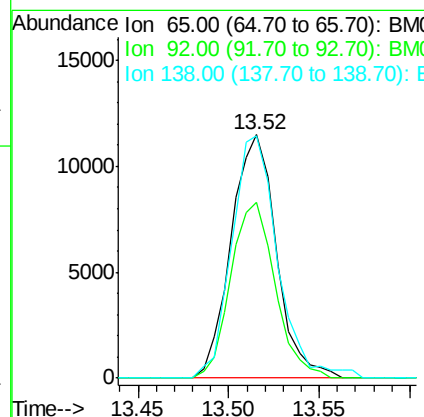
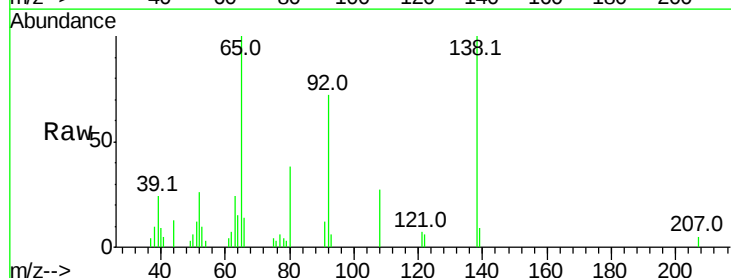
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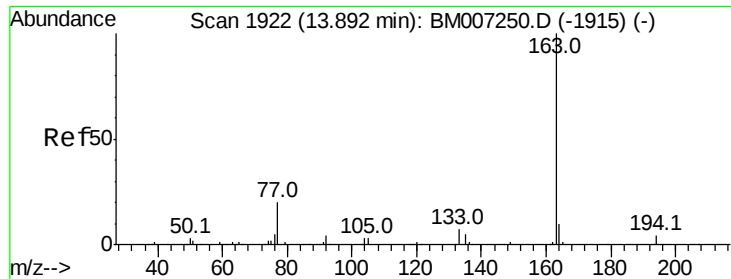
sohil
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#42
 2-Nitroaniline
 Concen: 1.69 ng/ul
 RT: 13.52 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: BM007269.D
 Acq: 24 Aug 2016 01:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.3	55.6	83.4
138	99.6	81.3	121.9





#44

Dimethylphthalate

Concen: 2.19 ng/ul

RT: 13.89 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Instrument :

BNA_M

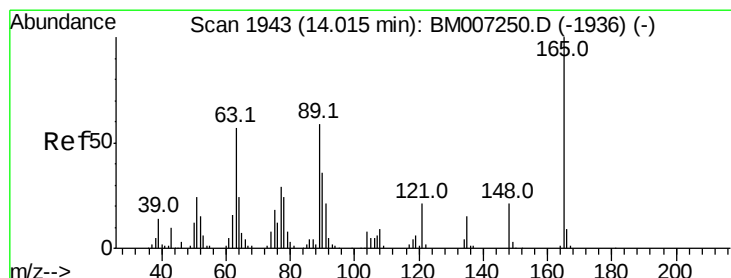
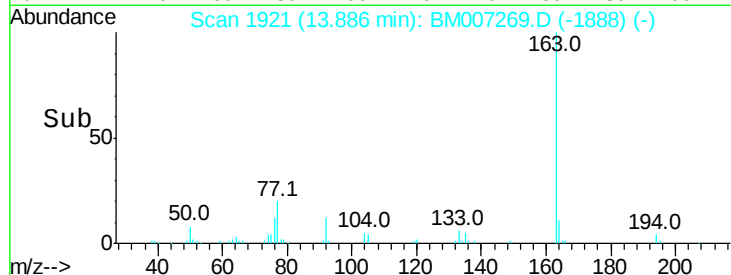
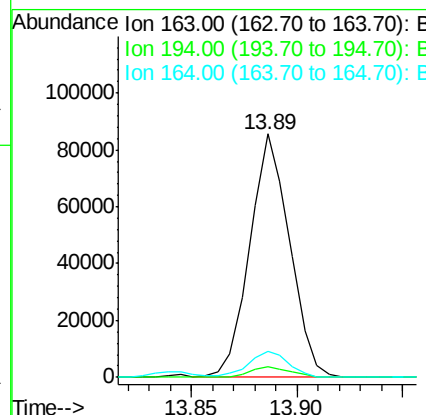
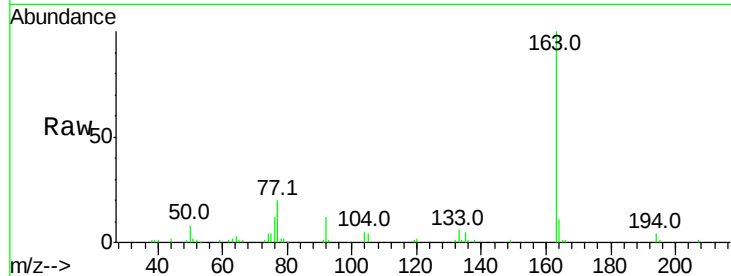
ClientSampled :

MDL-07-S-ML

Tot Ion:	163	Resp:	112345
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.2
164	10.5	7.8	11.8

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#45

2,6-Dinitrotoluene

Concen: 1.79 ng/ul

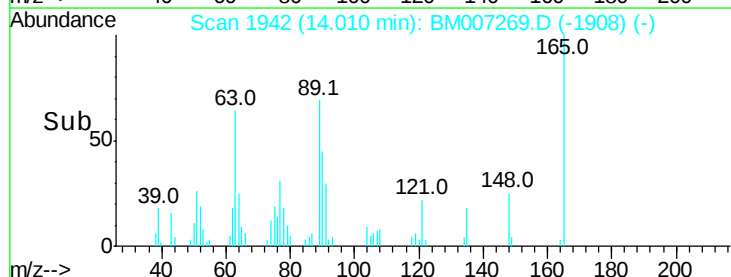
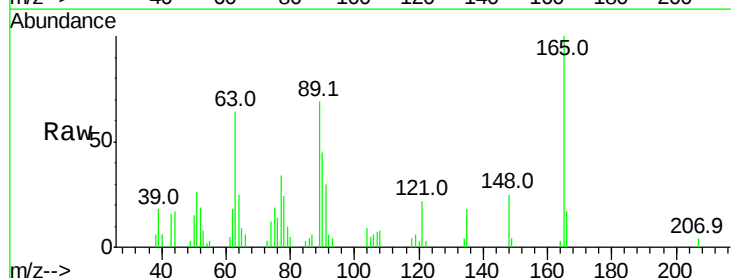
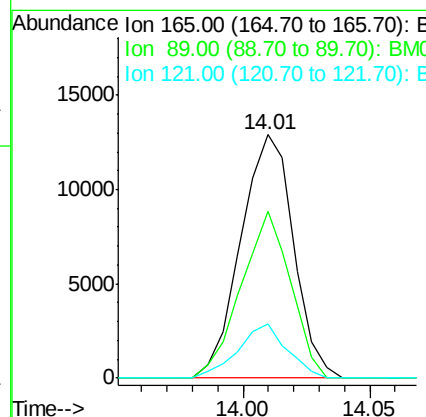
RT: 14.01 min Scan# 1942

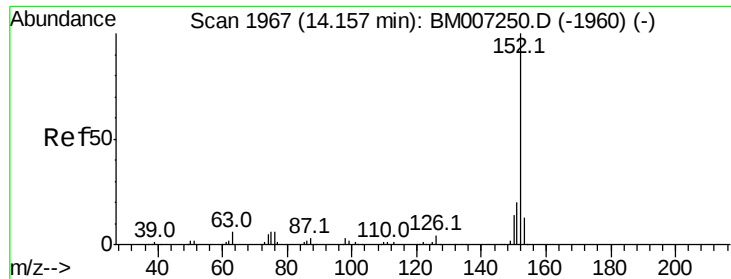
Delta R.T. -0.00 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Tgt Ion:	165	Resp:	18727
Ion Ratio	Lower	Upper	
165	100		
89	68.7	46.6	69.8
121	22.1	16.0	24.0





#47

Acenaphthylene

Concen: 2.04 ng/ul

RT: 14.15 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Instrument :

BNA_M

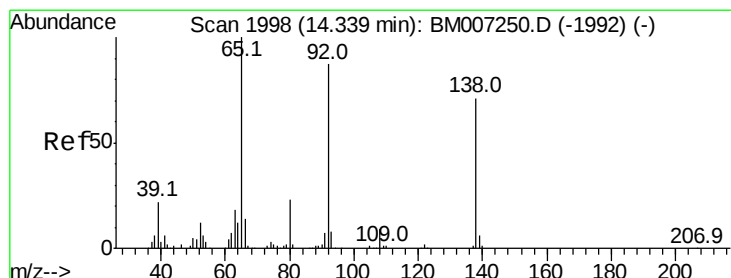
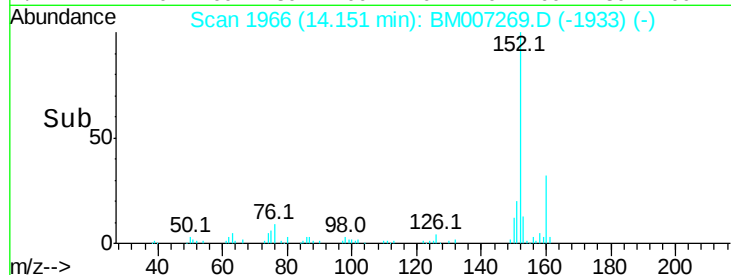
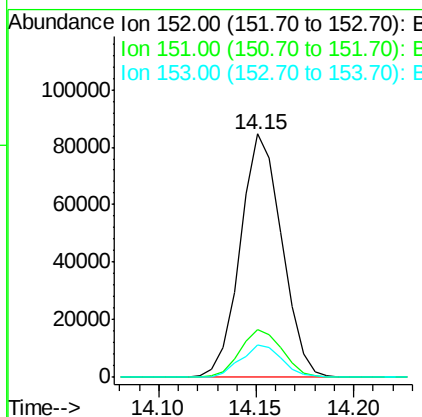
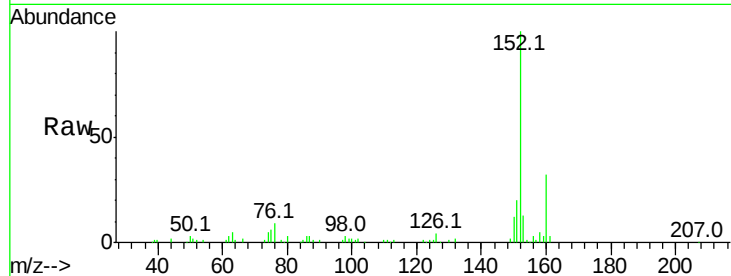
ClientSampled :

MDL-07-S-ML

Tot Ion:	152	Resp:	124933
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.0	24.0
153	13.2	11.0	16.6

Manual Integrations
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#48

3-Nitroaniline

Concen: 1.81 ng/ul

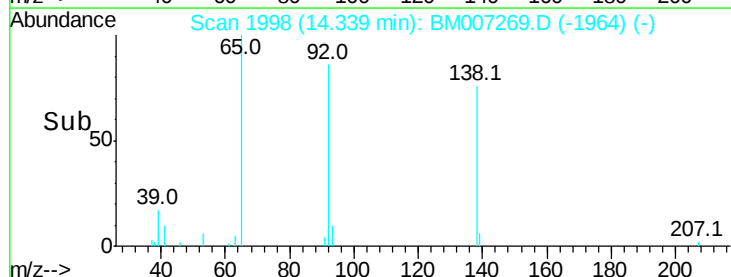
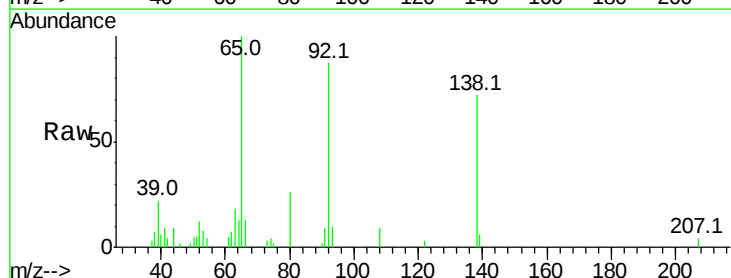
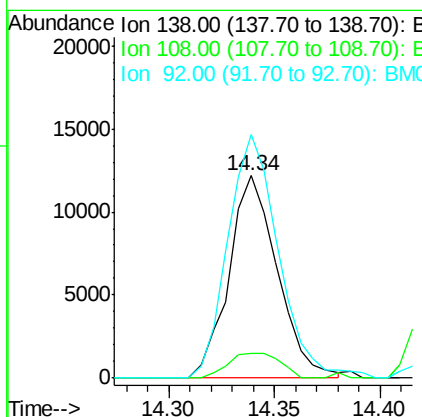
RT: 14.34 min Scan# 1998

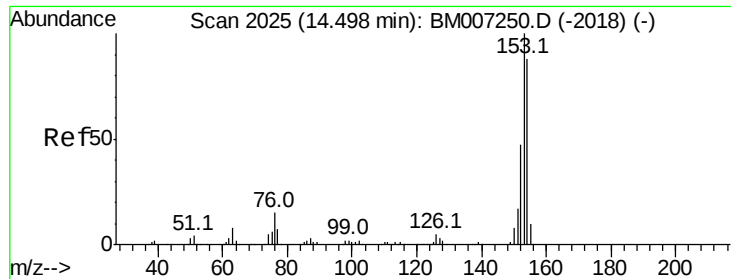
Delta R.T. -0.00 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Tgt Ion:	138	Resp:	19337
Ion Ratio	Lower	Upper	
138	100		
108	12.5	9.4	14.0
92	120.3	96.6	145.0





#49

Acenaphthene

Concen: 2.02 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Instrument :

BNA_M

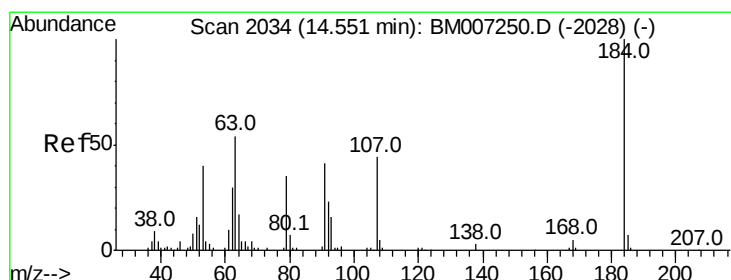
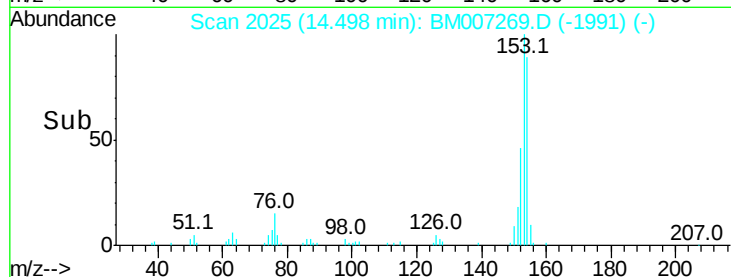
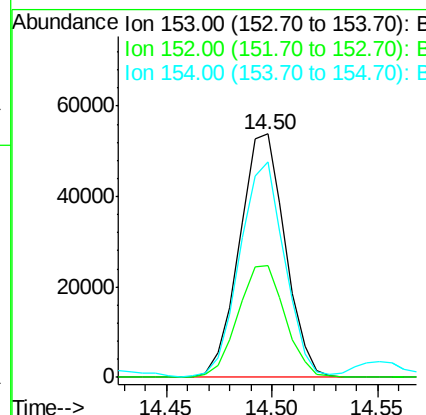
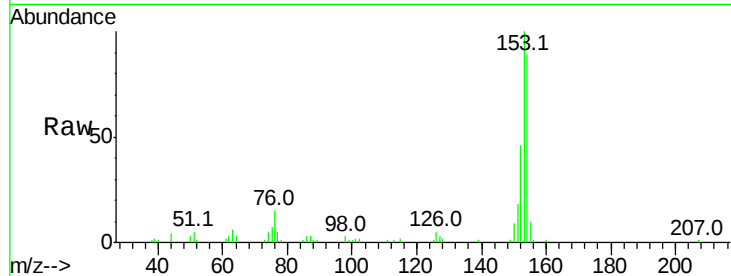
ClientSampleId :

MDL-07-S-ML

Tot Ion:153	Resp:	80736
Ion Ratio	Lower	Upper
153	100	
152	46.1	37.8 56.6
154	88.6	71.4 107.0

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#50

2,4-Dinitrophenol

Concen: 1.22 ng/ul

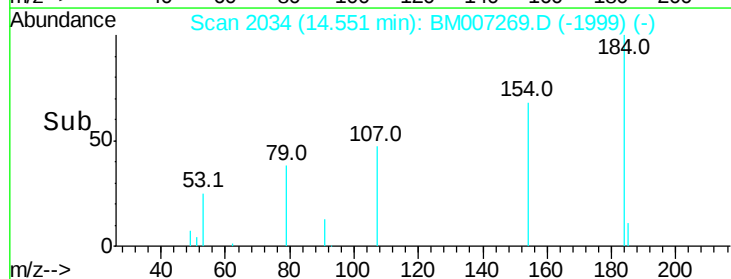
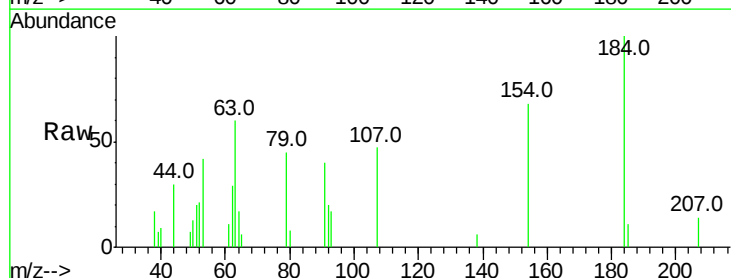
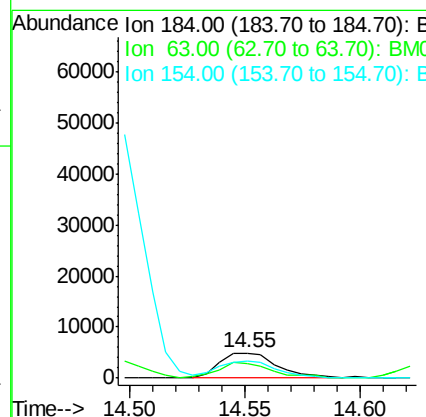
RT: 14.55 min Scan# 2034

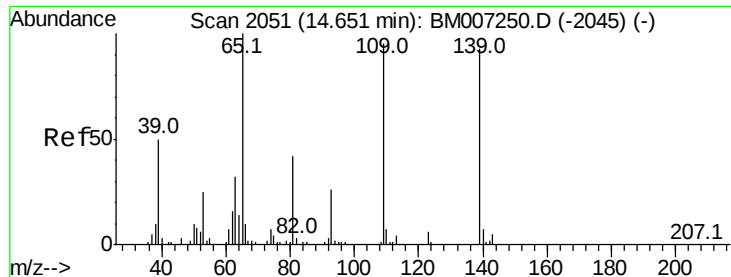
Delta R.T. 0.01 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Tgt Ion:184	Resp:	8679
Ion Ratio	Lower	Upper
184	100	
63	60.0	43.4 65.0
154	68.0	48.2 72.4





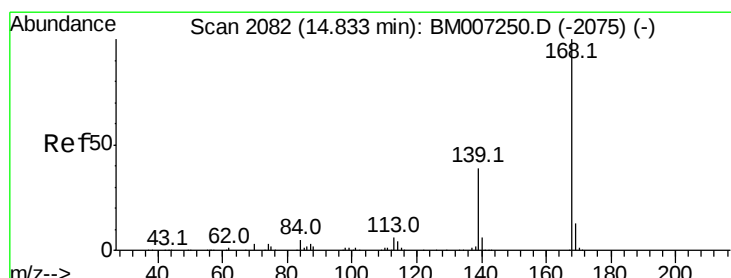
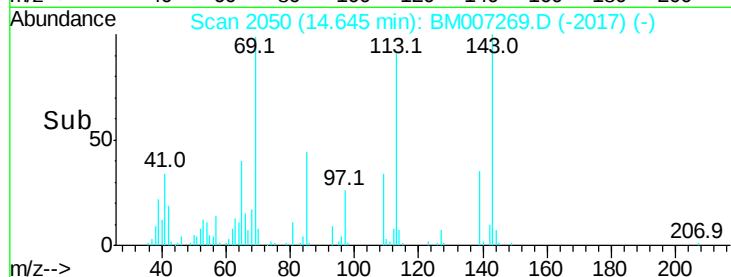
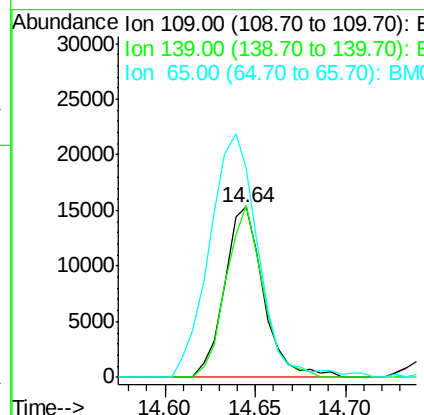
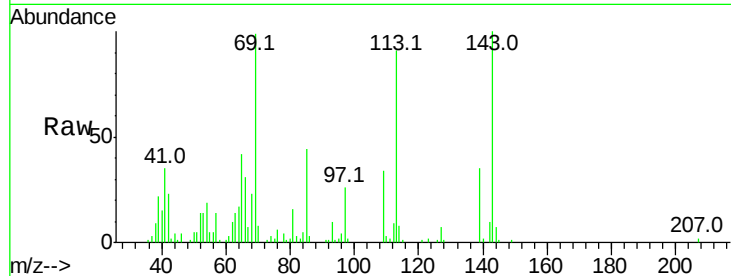
#52
4-Nitrophenol
Concen: 2.21 ng/ul
RT: 14.64 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tot Ion	Ratio	Resp	Lower	Upper
109	100			
139	101.1	88.7	133.1	
65	122.7	96.4	144.6	

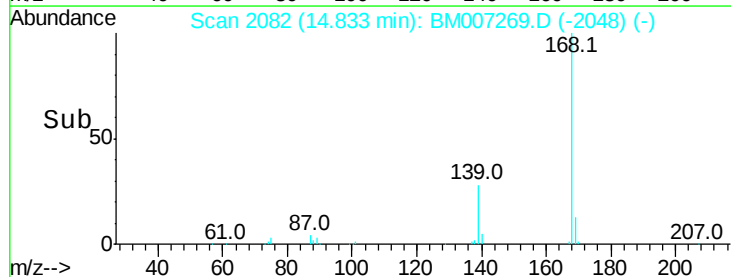
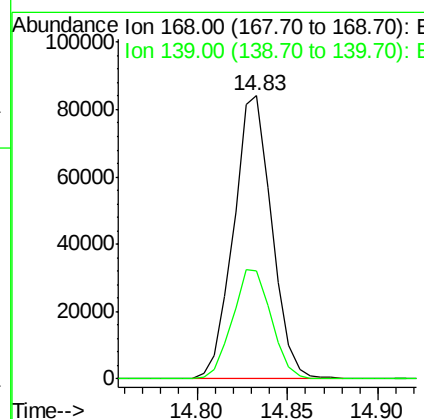
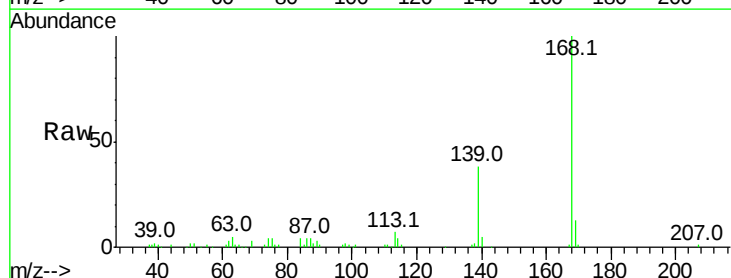
Manual Integrations
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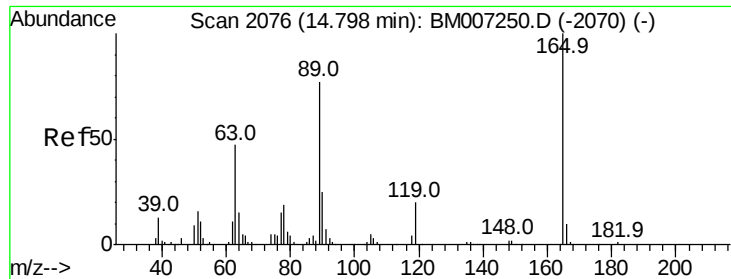
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#53
Dibenzofuran
Concen: 2.06 ng/ul
RT: 14.83 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.0	30.1	45.1	





#54

2,4-Dinitrotoluene

Concen: 2.00 ng/ul

RT: 14.80 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Instrument :

BNA_M

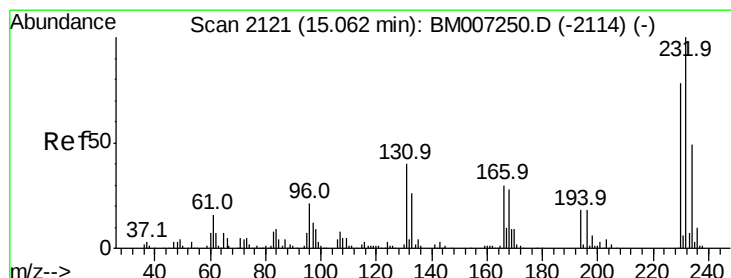
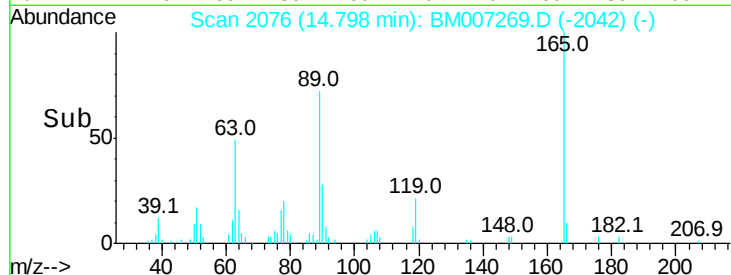
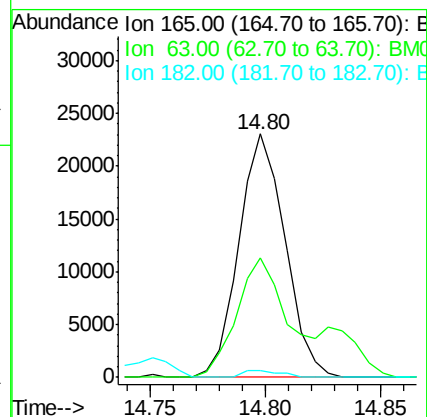
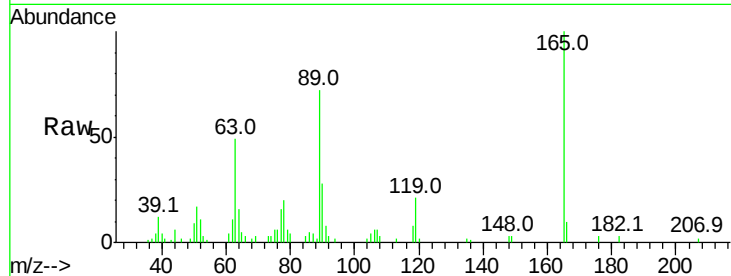
ClientSampleId :

MDL-07-S-ML

Tot Ion:	165	Resp:	32150
Ion Ratio	Lower	Upper	
165	100		
63	49.2	36.2	54.2
182	2.9	2.2	3.4

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#55

2,3,4,6-Tetrachlorophenol

Concen: 1.82 ng/ul

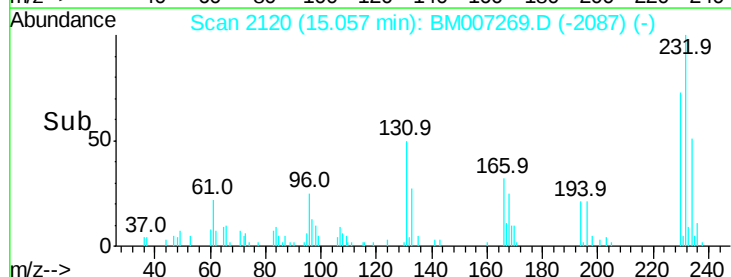
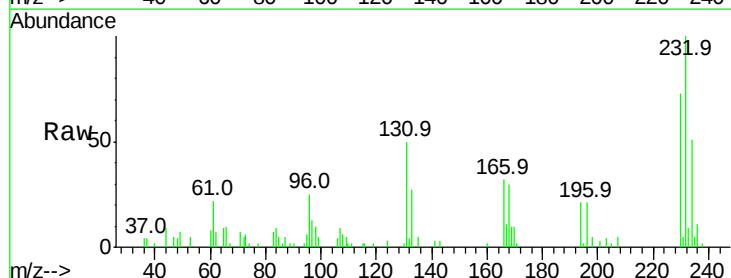
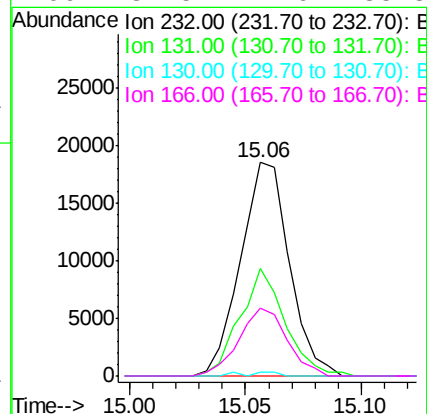
RT: 15.06 min Scan# 2120

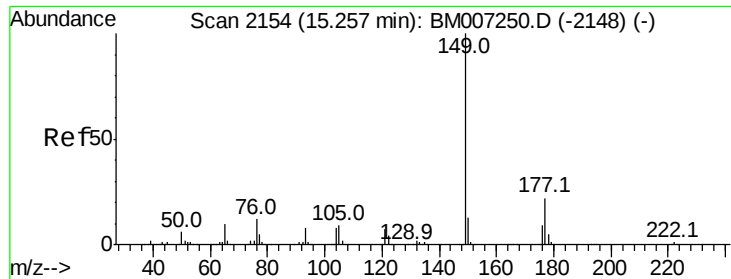
Delta R.T. -0.01 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Tgt Ion:	232	Resp:	27367
Ion Ratio	Lower	Upper	
232	100		
131	50.1	31.4	47.0#
130	1.9	1.6	2.4
166	31.5	22.6	33.8





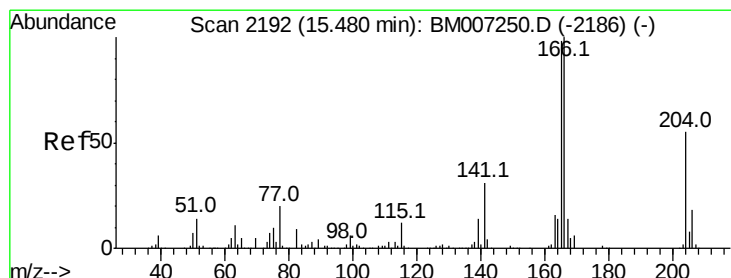
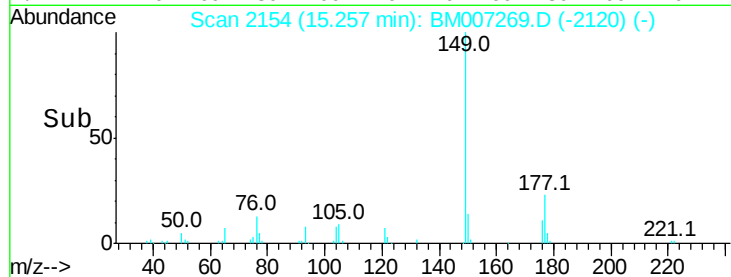
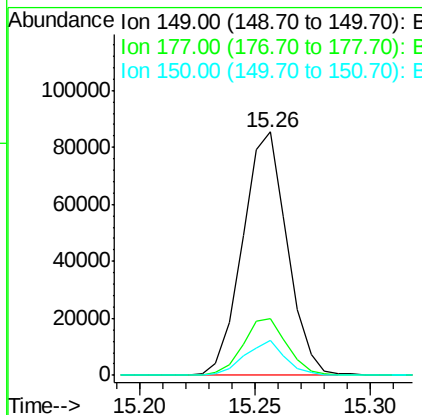
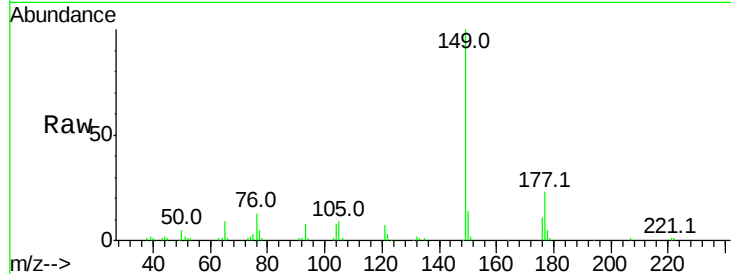
#56
Diethylphthalate
Concen: 2.15 ng/ul
RT: 15.26 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tot Ion	Ratio	Resp	Lower	Upper
149	100	114821		
177	23.2	18.6	28.0	
150	14.4	10.0	15.0	

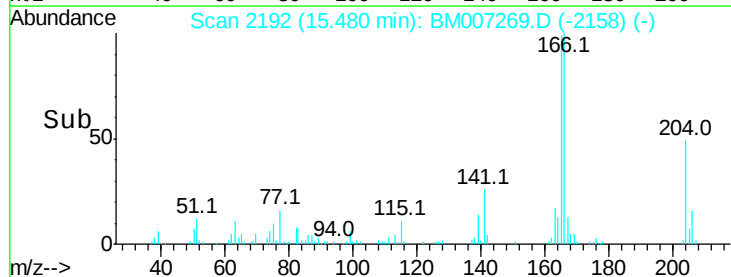
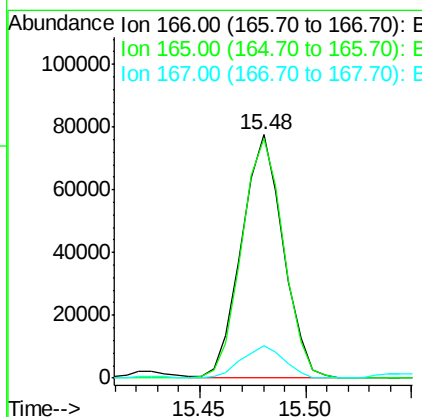
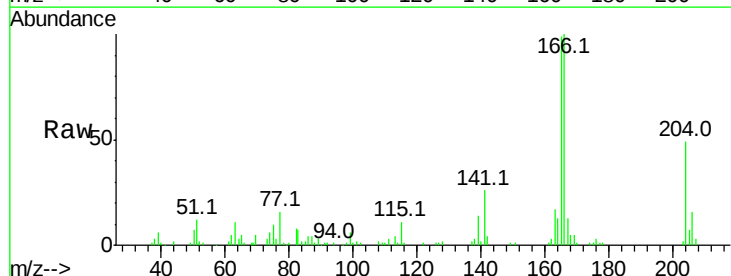
Manual Integrations
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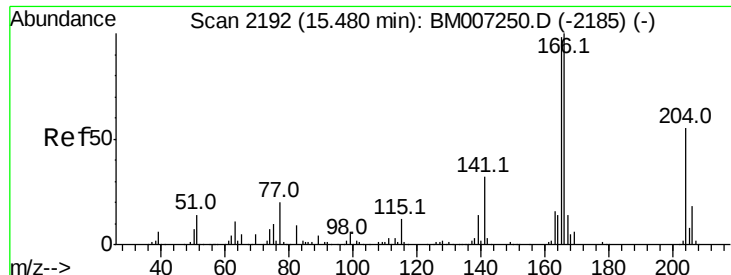
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#58
Fluorene
Concen: 2.17 ng/ul
RT: 15.48 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	106613		
165	98.6	79.9	119.9	
167	13.4	10.5	15.7	





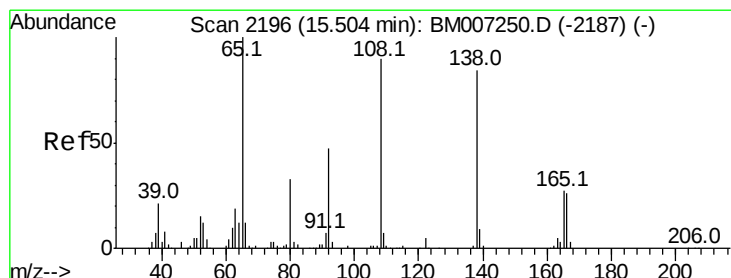
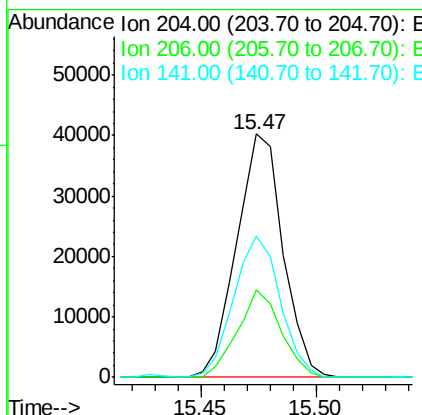
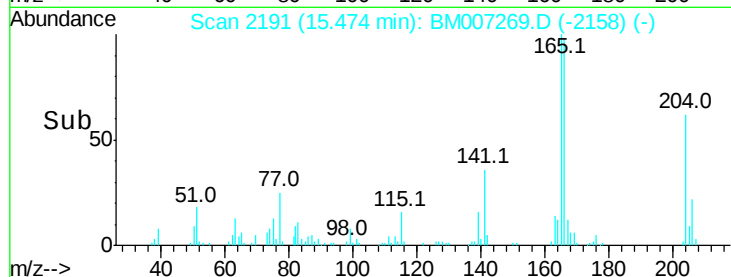
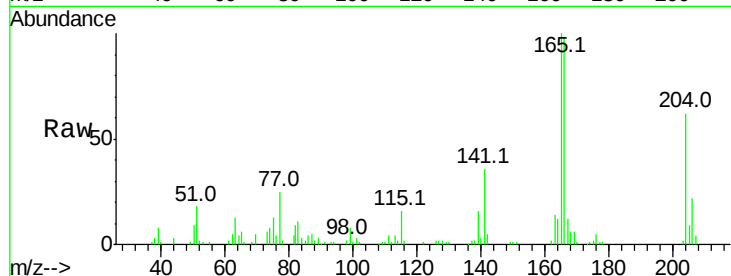
#59
 4-Chlorophenyl-phenylether
 Concen: 2.19 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007269.D
 Acq: 24 Aug 2016 01:19

Instrument :
 BNA_M
 ClientSampled :
 MDL-07-S-ML

Tot Ion:	204	Resp:	56439
Ion Ratio	Lower	Upper	
204	100		
206	36.0	25.9	38.9
141	57.8	46.1	69.1

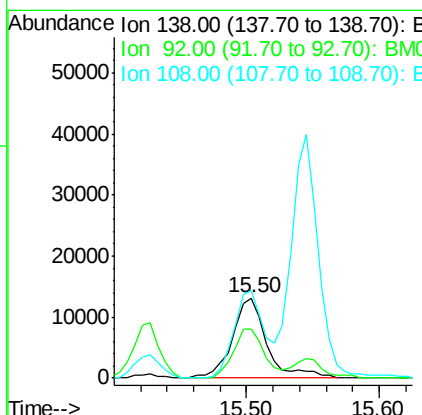
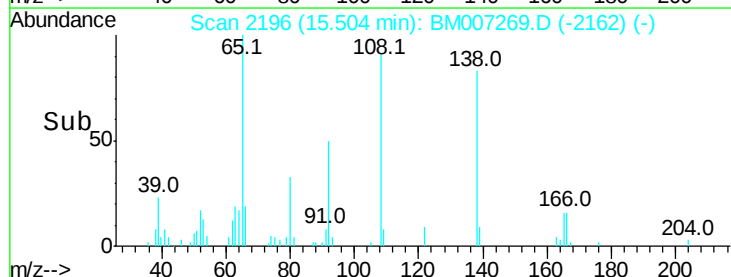
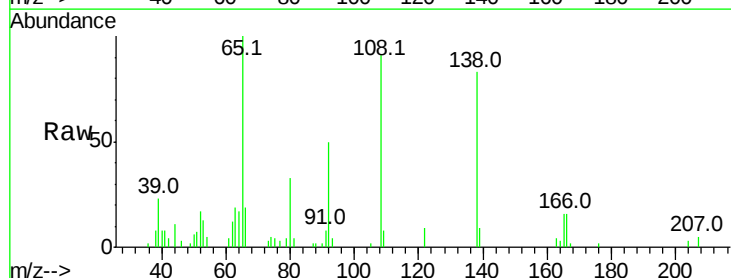
Manual Integrations
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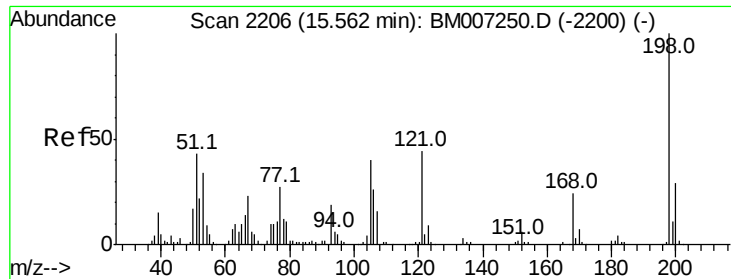
sohil
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#60
 4-Nitroaniline
 Concen: 1.98 ng/ul m
 RT: 15.50 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BM007269.D
 Acq: 24 Aug 2016 01:19

Tgt Ion:	138	Resp:	24033
Ion Ratio	Lower	Upper	
138	100		
92	60.6	43.5	65.3
108	109.3	80.3	120.5





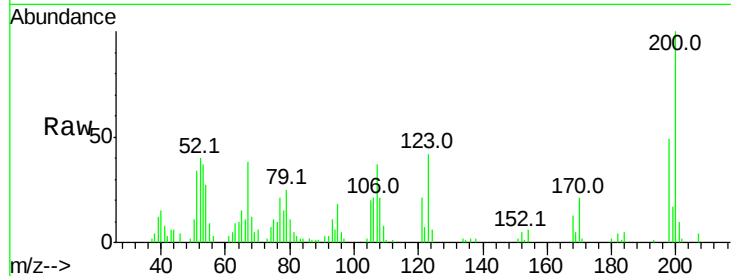
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.07 ng/ul
 RT: 15.56 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BM007269.D
 Acq: 24 Aug 2016 01:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

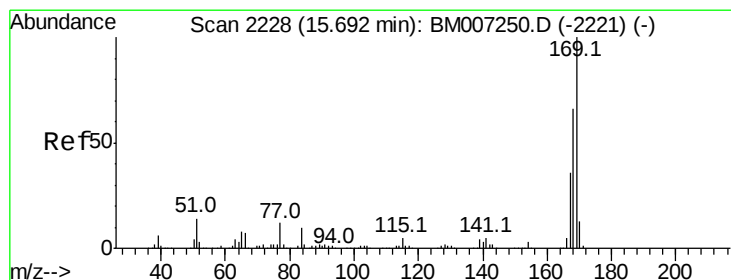
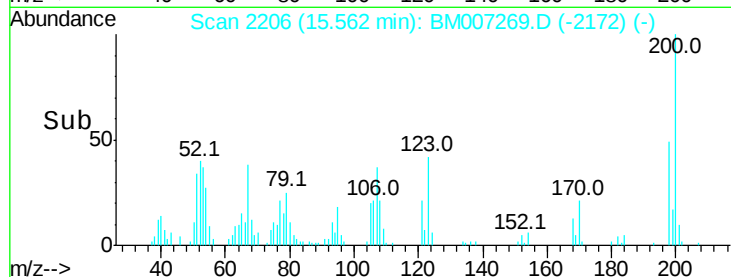
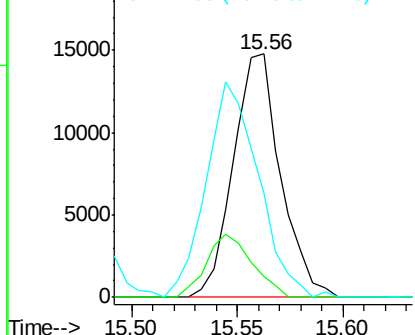
Tot Ion	Ratio	Resp	Lower	Upper
198	100	23011		
182	8.6	3.3	4.9#	
77	42.7	21.8	32.6#	

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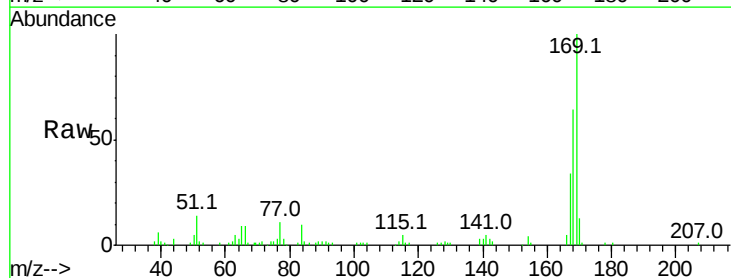


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

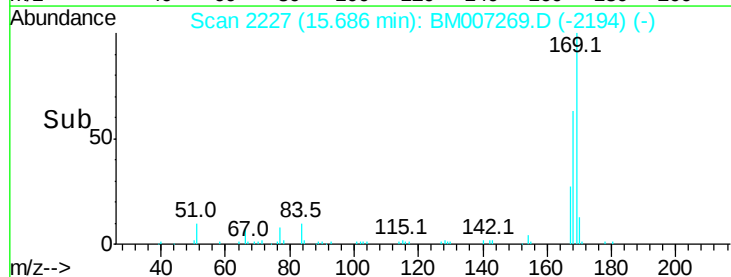
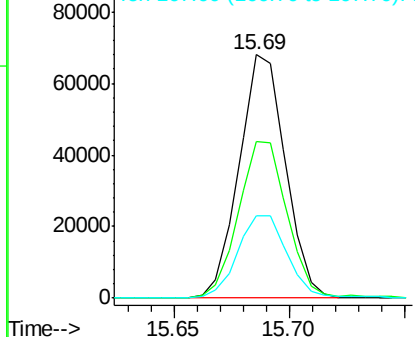


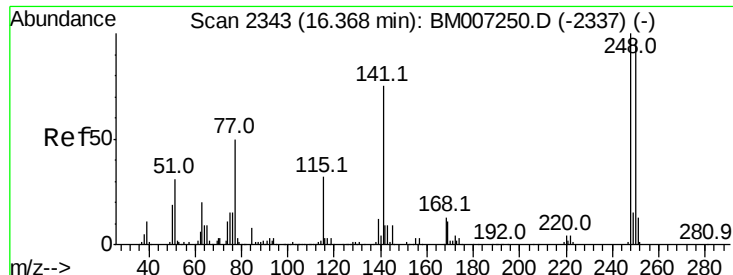
#64
 N-Nitrosodiphenylamine
 Concen: 2.07 ng/ul
 RT: 15.69 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BM007269.D
 Acq: 24 Aug 2016 01:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	95317		
168	64.3	52.6	79.0	
167	33.8	28.6	43.0	



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





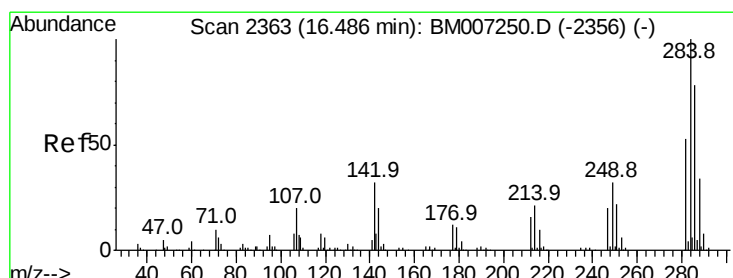
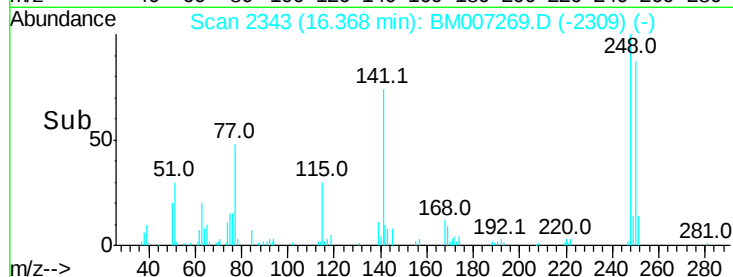
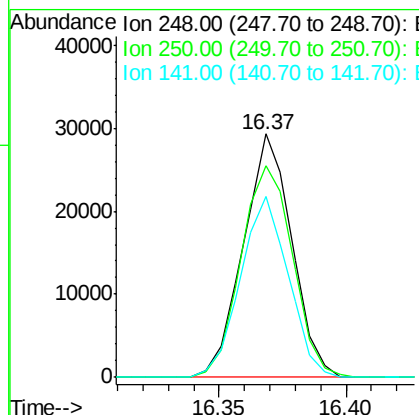
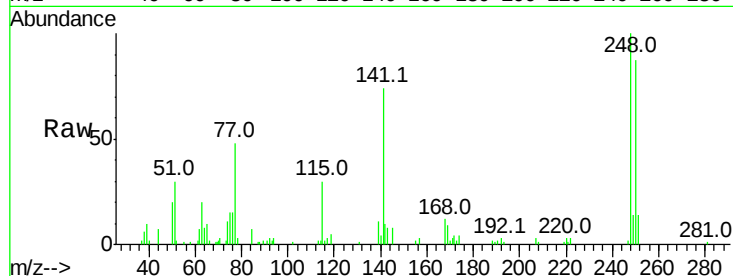
#65
4-Bromophenyl-phenylether
Concen: 2.09 ng/ul
RT: 16.37 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tot Ion	Ratio	Lower	Upper
248	100		
250	87.1	79.7	119.5
141	74.3	58.3	87.5

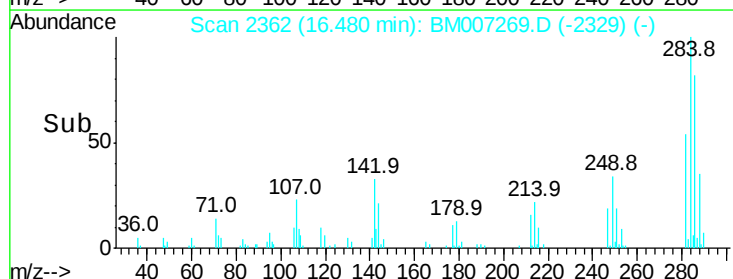
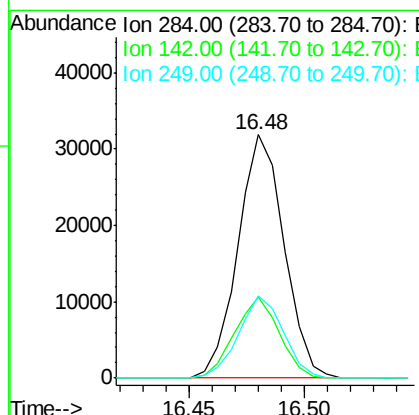
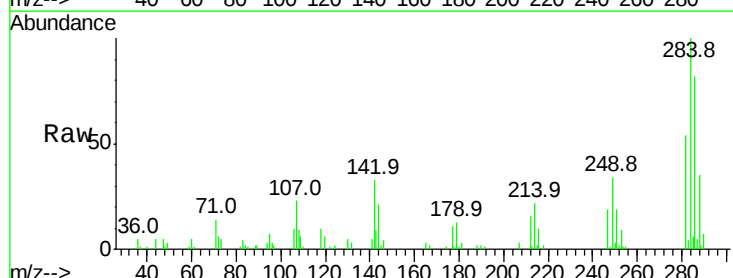
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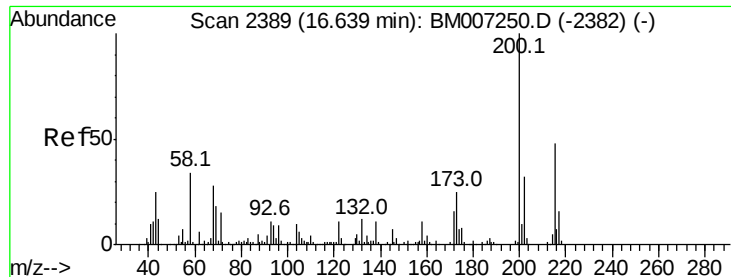
sohil
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#66
Hexachlorobenzene
Concen: 2.12 ng/ul
RT: 16.48 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	24.9	37.3
249	33.9	25.5	38.3





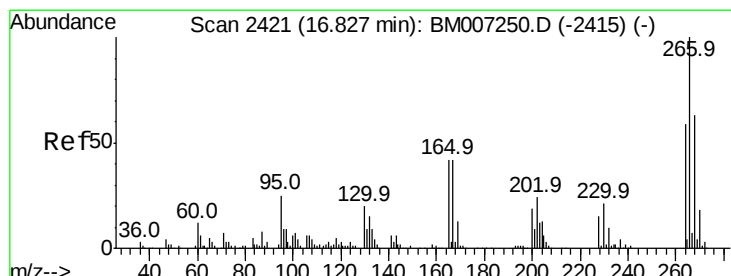
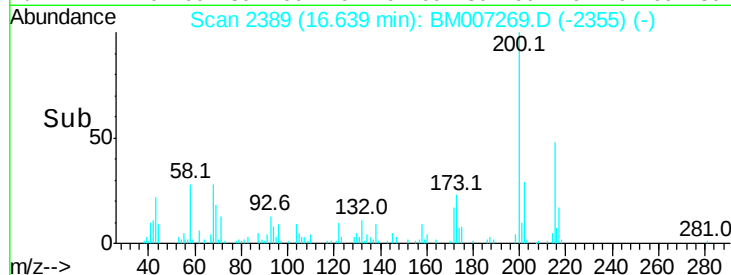
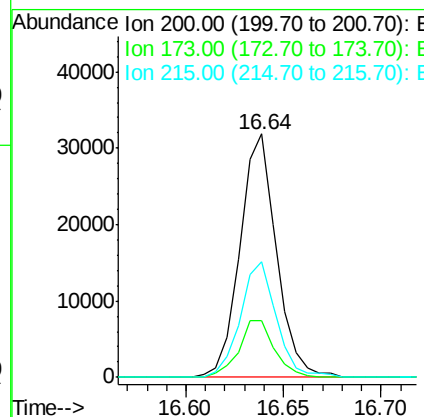
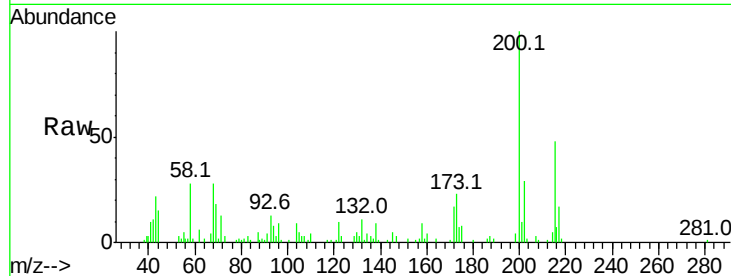
#67
Atrazine
Concen: 2.12 ng/ul
RT: 16.64 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.5	18.9	28.3
215	47.6	39.5	59.3

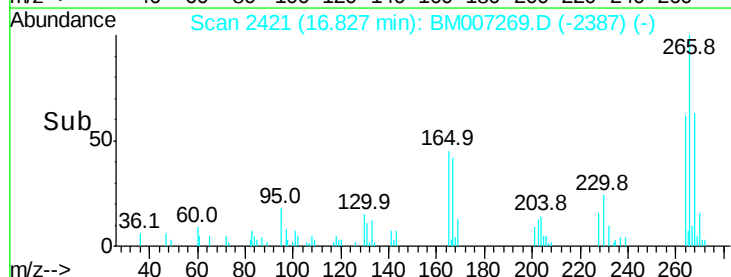
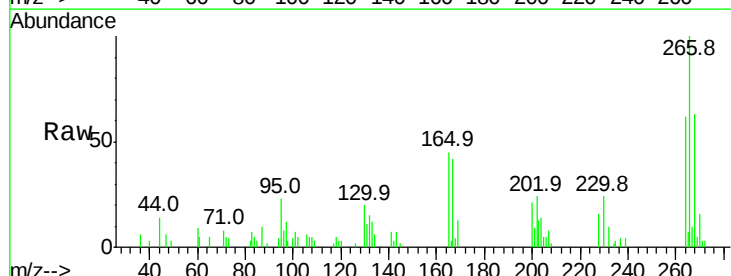
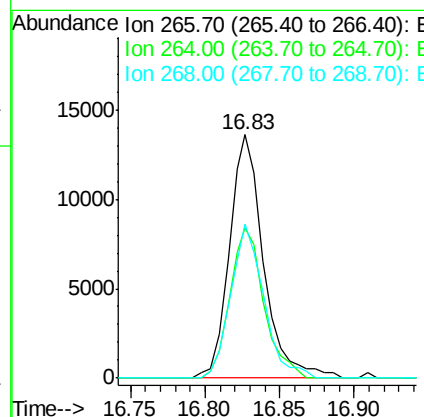
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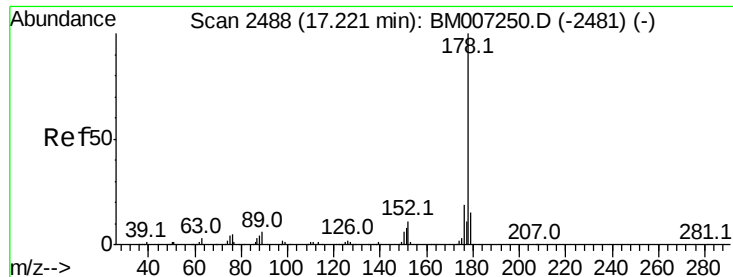
sohil
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#68
Pentachlorophenol
Concen: 1.62 ng/ul
RT: 16.83 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.5	50.6	75.8
268	63.2	51.0	76.6





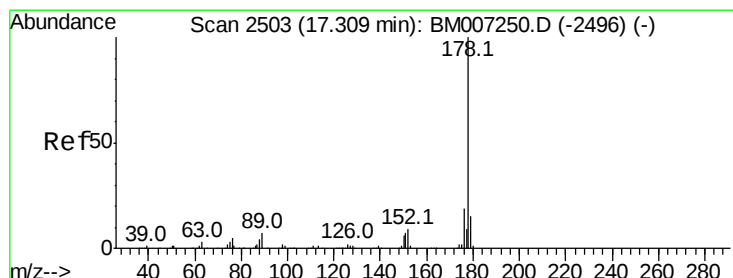
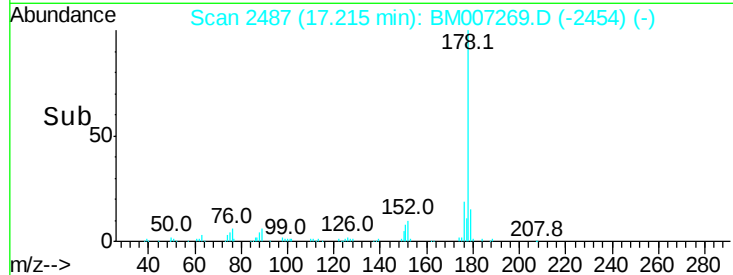
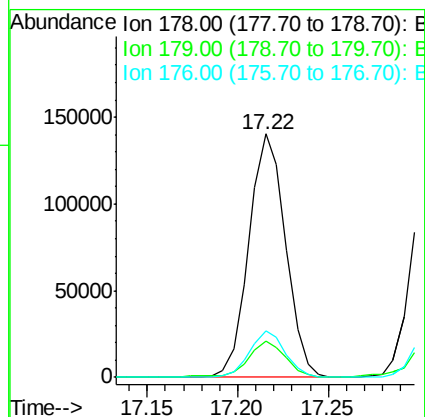
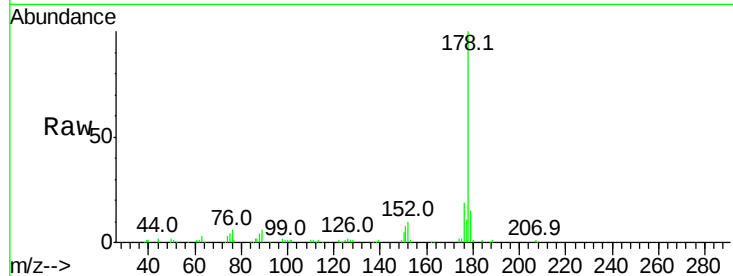
#69
Phenanthrene
Concen: 2.22 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.2
176	19.0	15.1	22.7

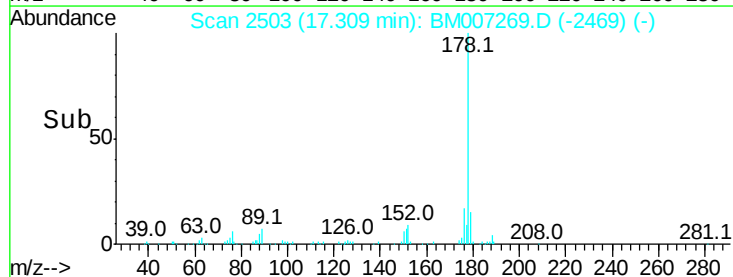
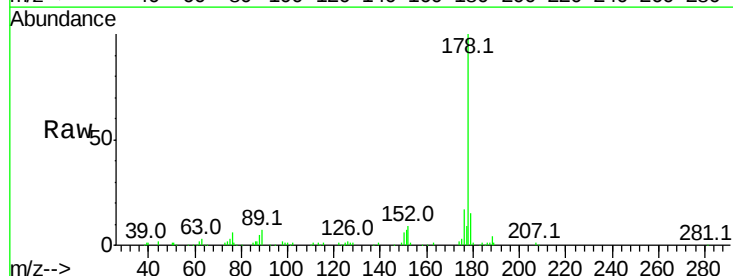
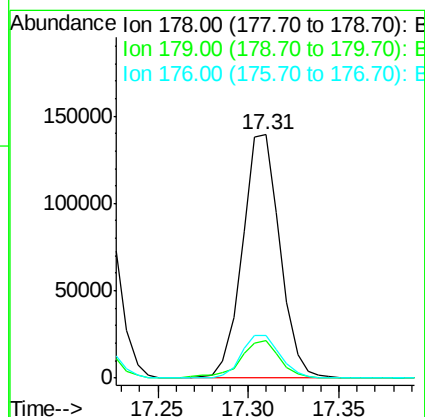
Manual Integrations
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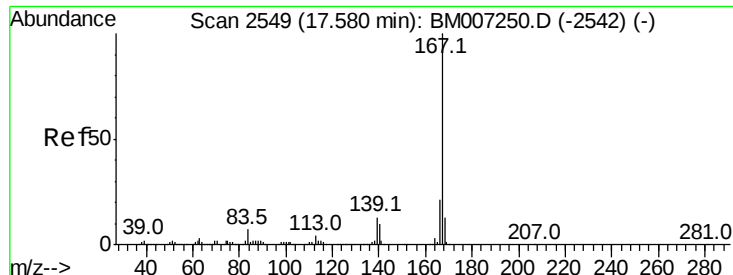
sohil
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#71
Anthracene
Concen: 2.16 ng/ul
RT: 17.31 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	17.4	14.5	21.7





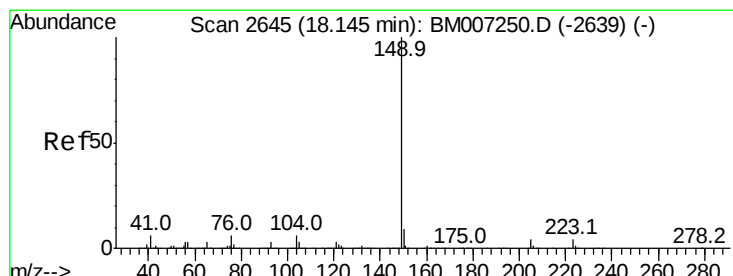
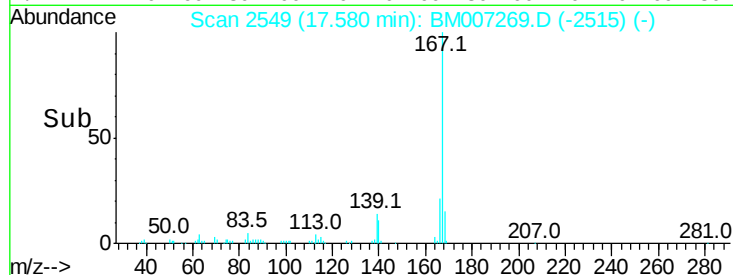
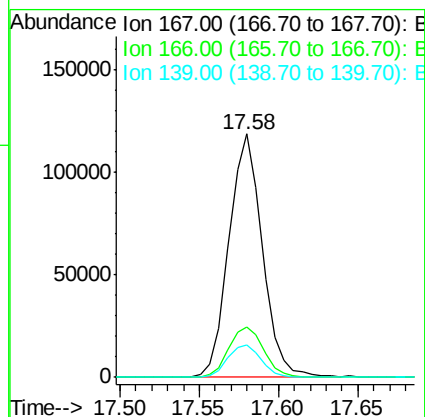
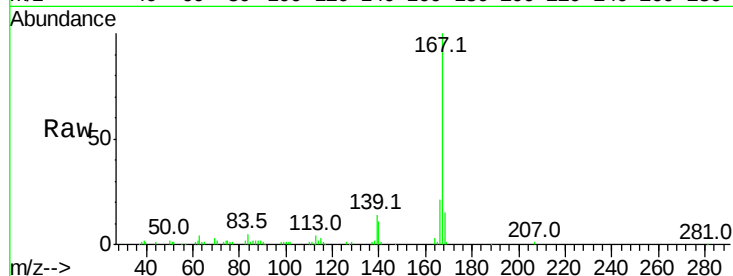
#72
 Carbazole
 Concen: 2.18 ng/ul
 RT: 17.58 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM007269.D
 Acq: 24 Aug 2016 01:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Tot Ion:	167	Resp:	173291
Ion Ratio	Lower	Upper	
167	100		
166	20.6	16.6	25.0
139	13.6	10.2	15.4

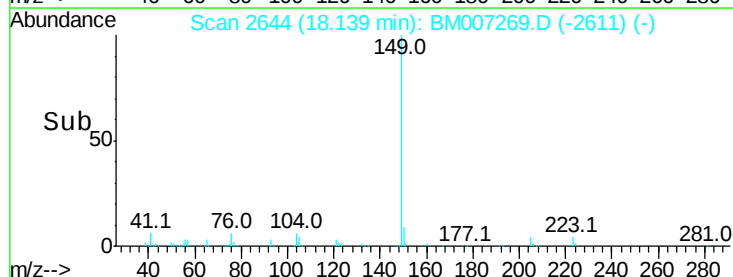
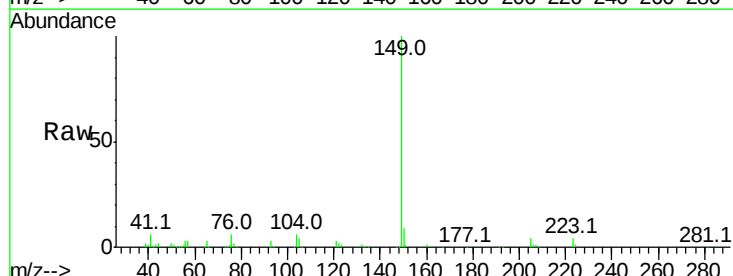
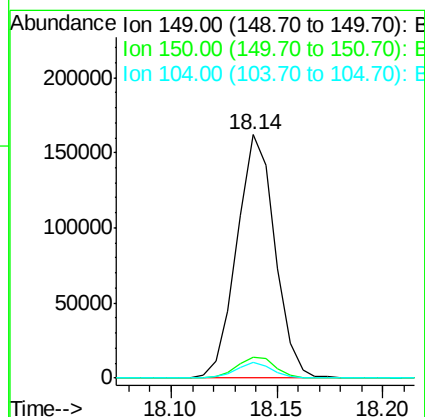
Manual Integrations
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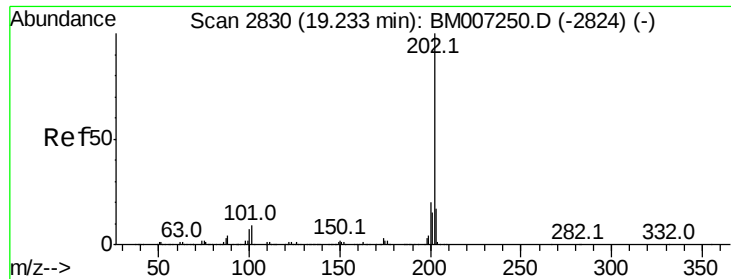
sohil
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#73
 Di-n-butylphthalate
 Concen: 2.03 ng/ul
 RT: 18.14 min Scan# 2644
 Delta R.T. -0.01 min
 Lab File: BM007269.D
 Acq: 24 Aug 2016 01:19

Tgt Ion:	149	Resp:	203158
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.6	11.4
104	6.3	4.6	7.0





#74

Fluoranthene

Concen: 2.33 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Instrument :

BNA_M

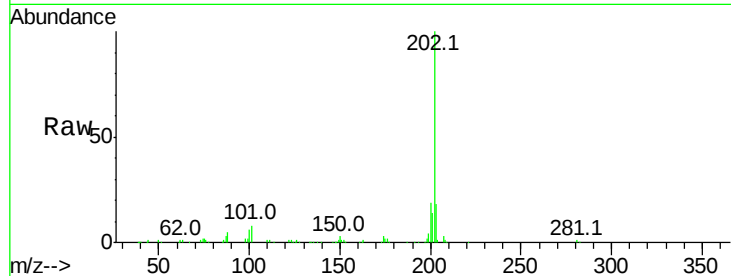
ClientSampled :

MDL-07-S-ML

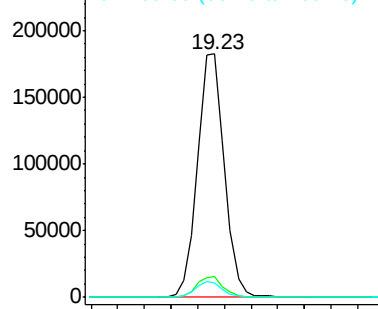
Tot Ion:	202	Resp:	259148
Ion Ratio	Lower	Upper	
202	100		
101	8.3	6.9	10.3
100	5.8	5.4	8.0

Manual Integrations
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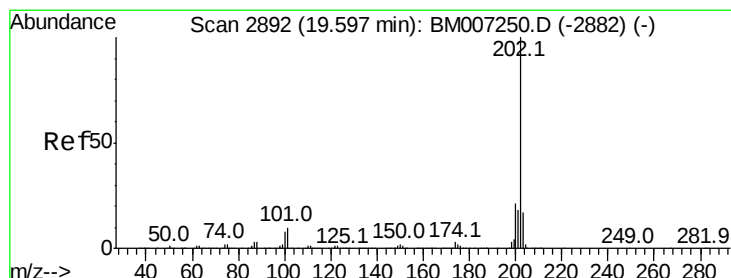
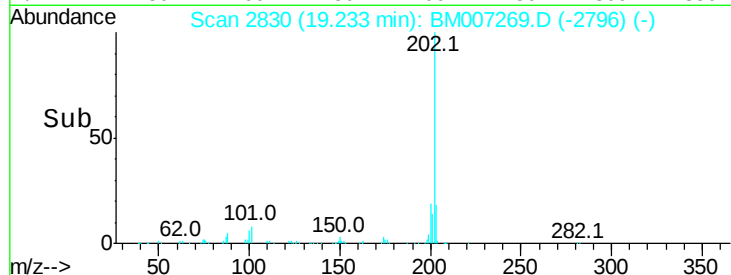
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->



#77

Pyrene

Concen: 2.20 ng/ul

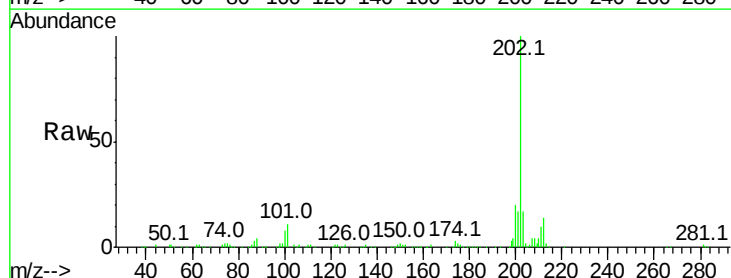
RT: 19.59 min Scan# 2891

Delta R.T. -0.01 min

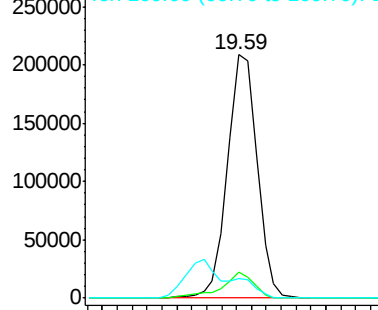
Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

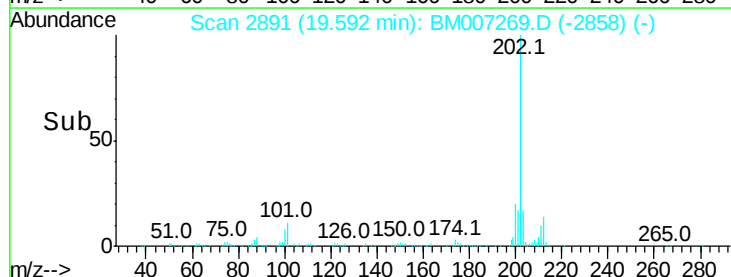
Tgt Ion:	202	Resp:	287624
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.4	12.6
100	8.2	6.9	10.3

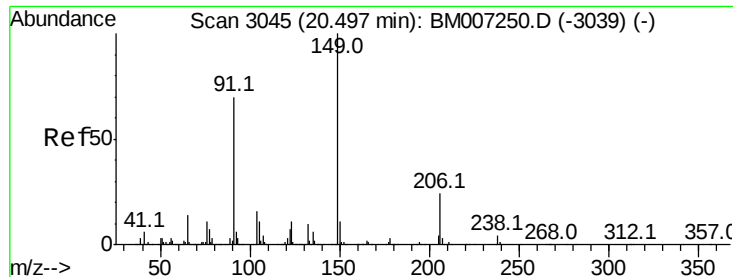


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





#78

Butylbenzylphthalate

Concen: 1.74 ng/ul

RT: 20.49 min Scan# 3044

Delta R.T. -0.01 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Instrument :

BNA_M

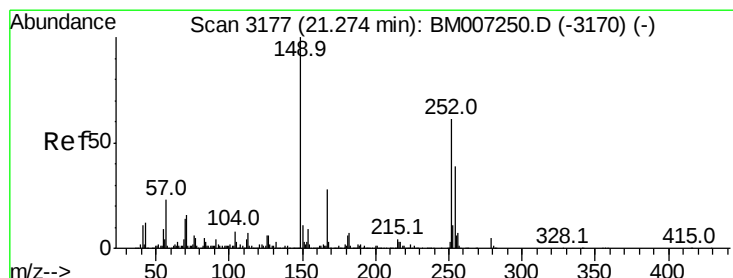
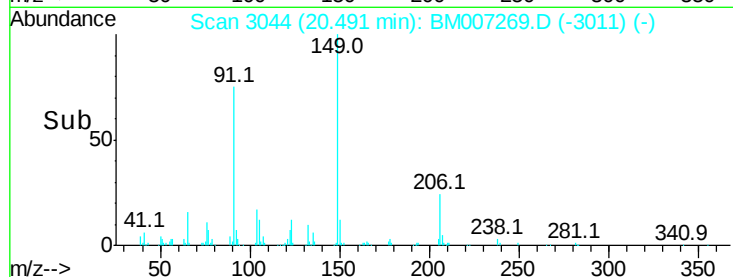
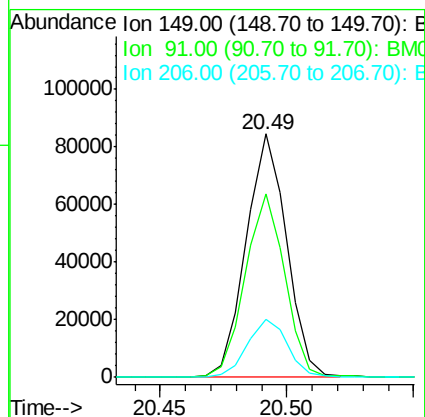
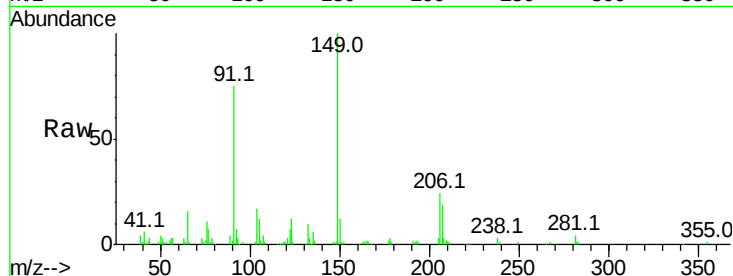
ClientSampled :

MDL-07-S-ML

Tot Ion:	149	Resp:	94522
Ion Ratio	Lower	Upper	
149	100		
91	75.5	57.3	85.9
206	23.7	18.6	27.8

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#79

3,3'-Dichlorobenzidine

Concen: 2.08 ng/ul

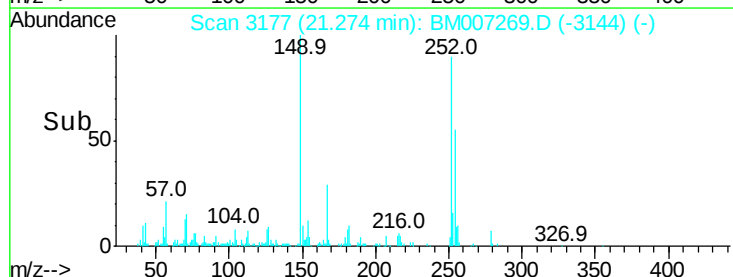
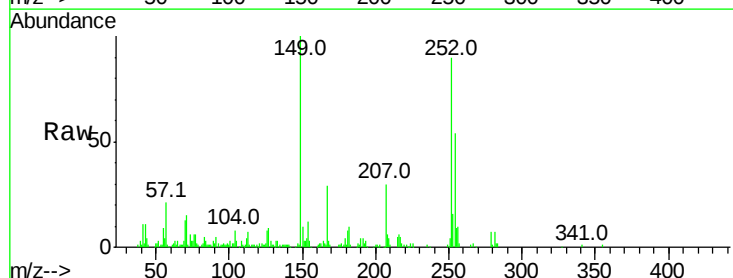
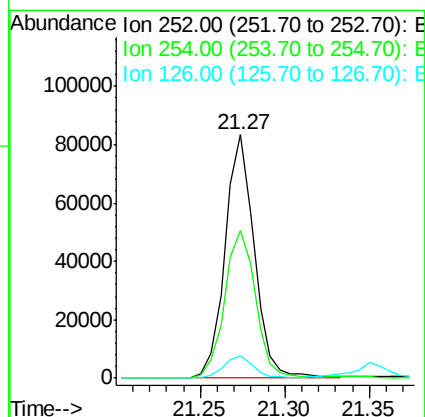
RT: 21.27 min Scan# 3177

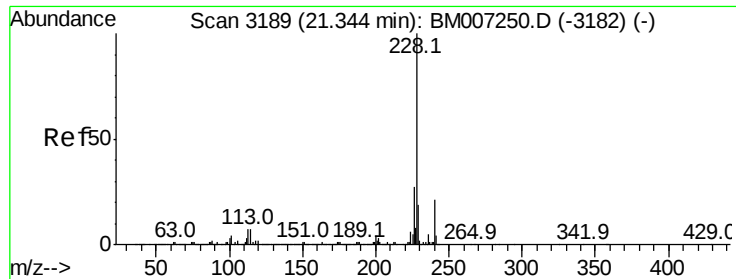
Delta R.T. -0.01 min

Lab File: BM007269.D

Acq: 24 Aug 2016 01:19

Tgt Ion:	252	Resp:	100549
Ion Ratio	Lower	Upper	
252	100		
254	60.7	51.0	76.4
126	9.1	7.1	10.7





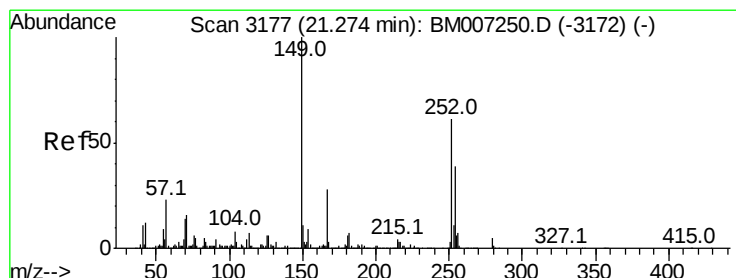
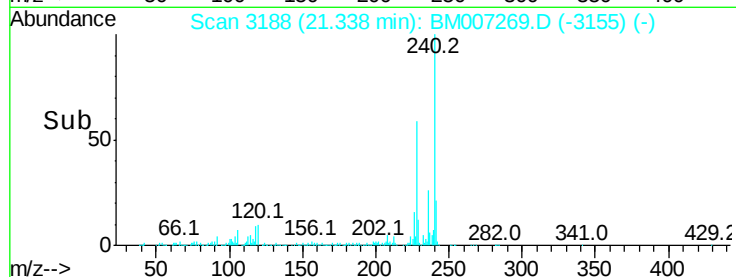
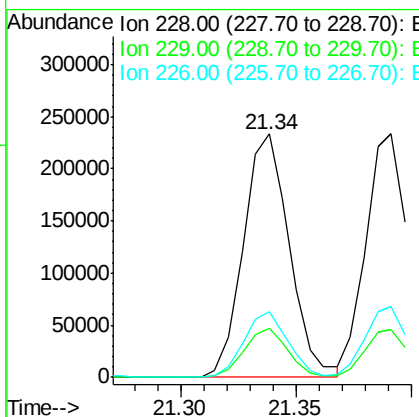
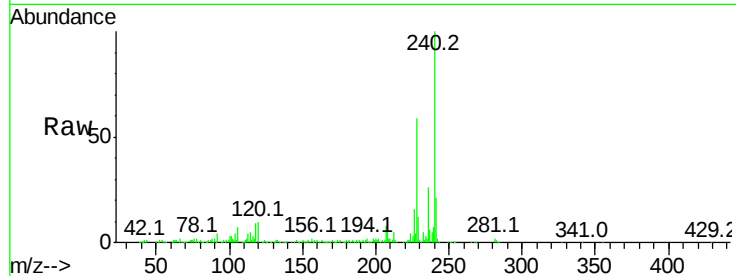
#80
Benzo(a)anthracene
Concen: 2.26 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	27.2	21.8	32.8

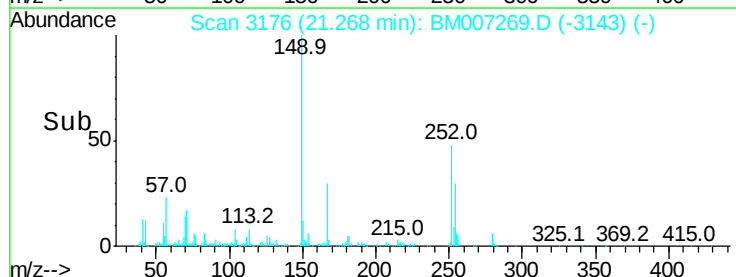
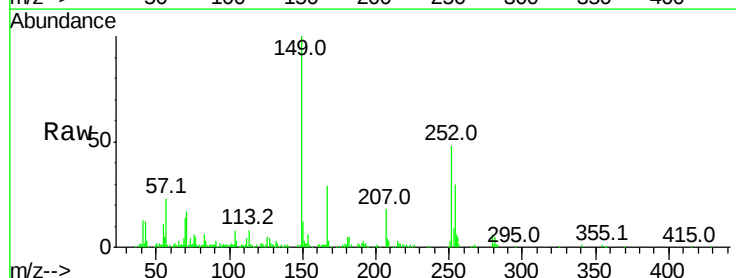
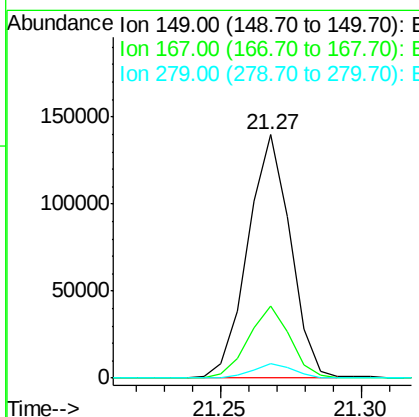
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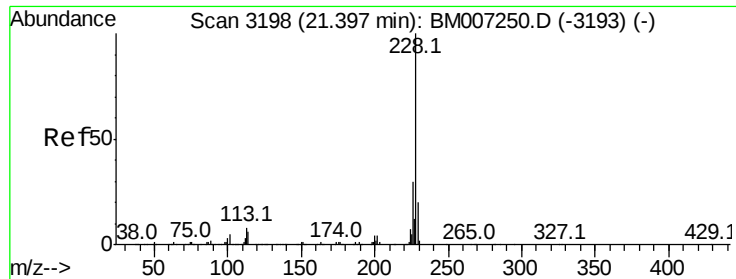
sohil
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#81
Bis(2-ethylhexyl)phthalate
Concen: 1.84 ng/ul
RT: 21.27 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.2	34.8
279	5.8	4.1	6.1





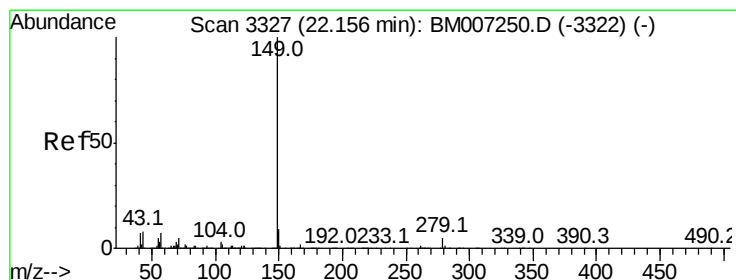
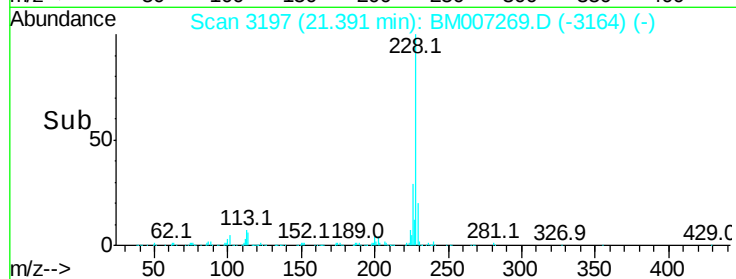
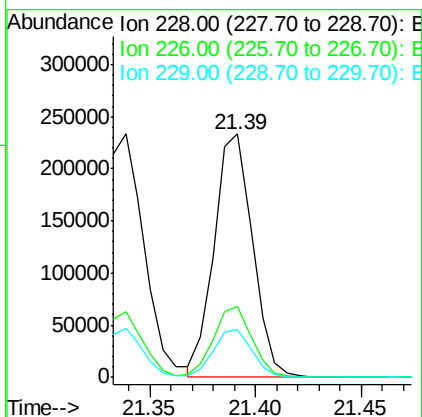
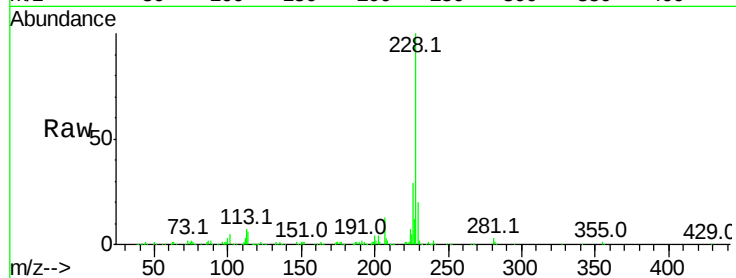
#82
Chrysene
Concen: 2.25 ng/ul
RT: 21.39 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tot Ion:	228	Resp:	292974
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.4	35.2
229	19.6	15.5	23.3

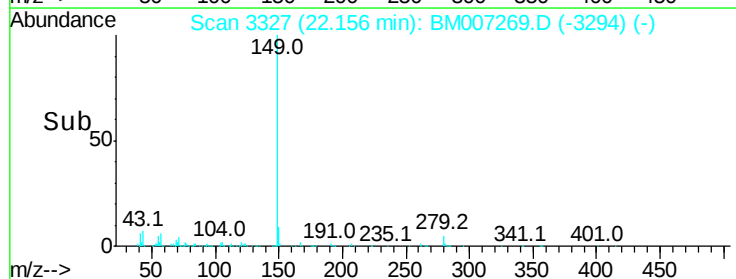
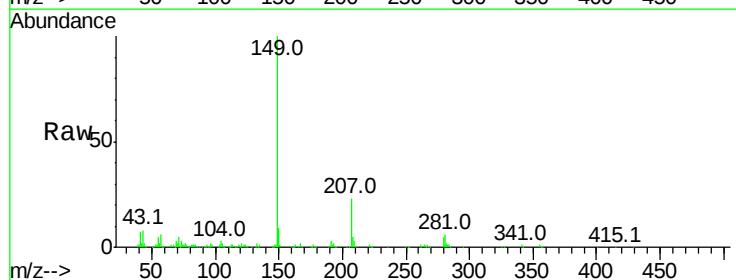
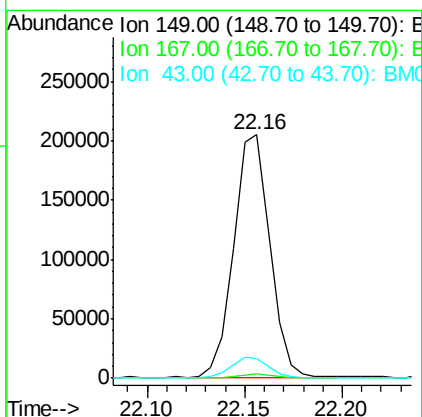
Manual Integrations
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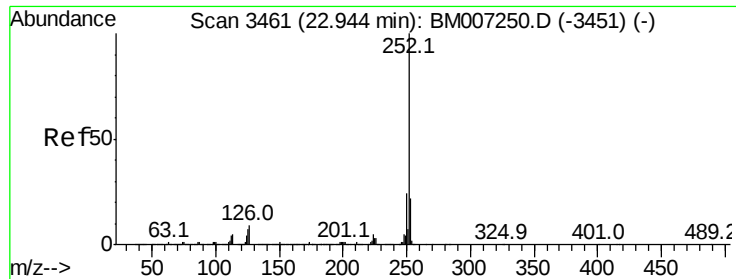
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#84
Di-n-octyl phthalate
Concen: 1.95 ng/ul
RT: 22.16 min Scan# 3327
Delta R.T. -0.01 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Tgt Ion:	149	Resp:	261500
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	8.0	6.6	10.0





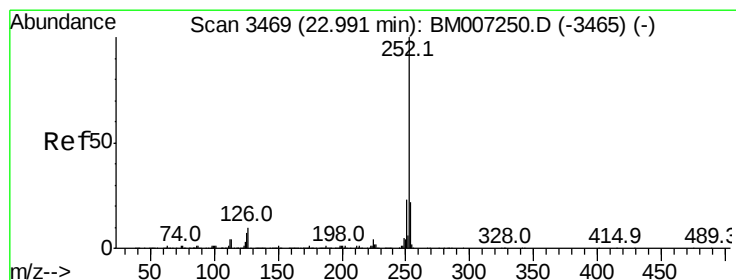
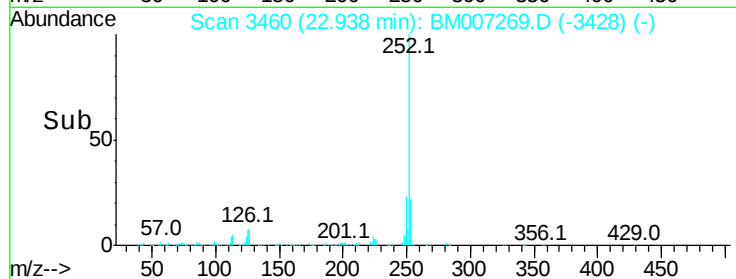
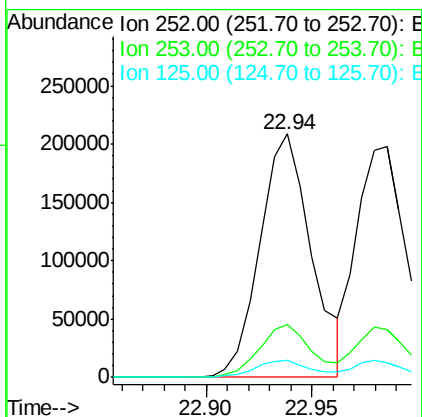
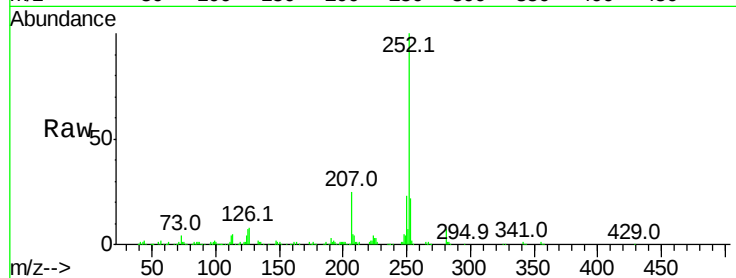
#85
Benzo(b)fluoranthene
Concen: 2.22 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	6.9	5.8	8.8

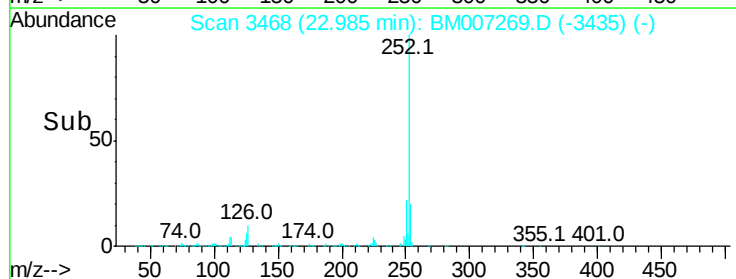
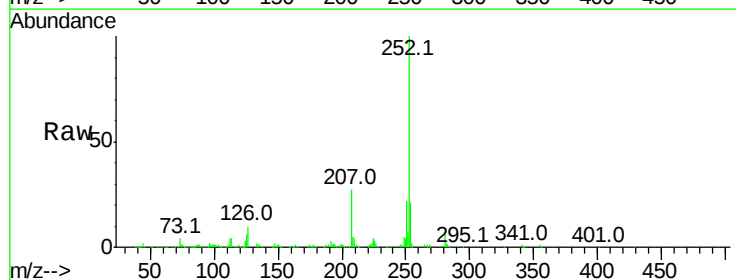
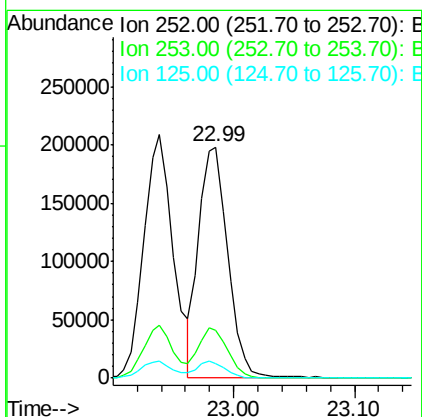
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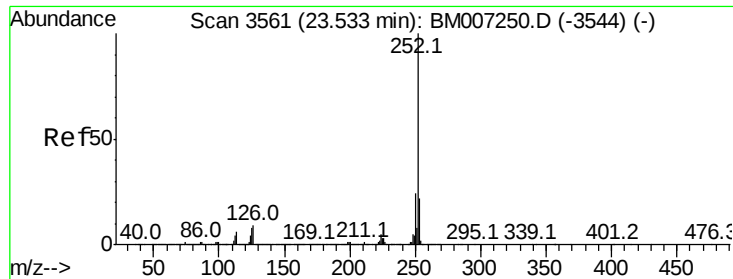
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#86
Benzo(k)fluoranthene
Concen: 2.23 ng/ul
RT: 22.99 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.6	26.4
125	6.4	5.7	8.5





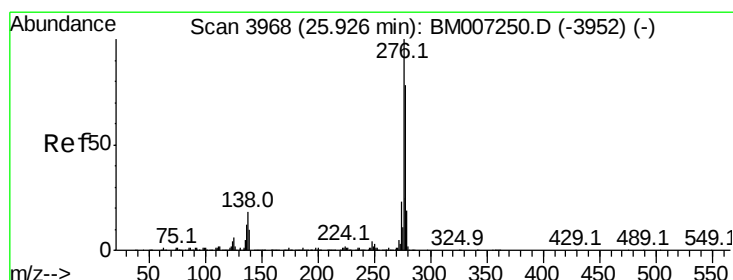
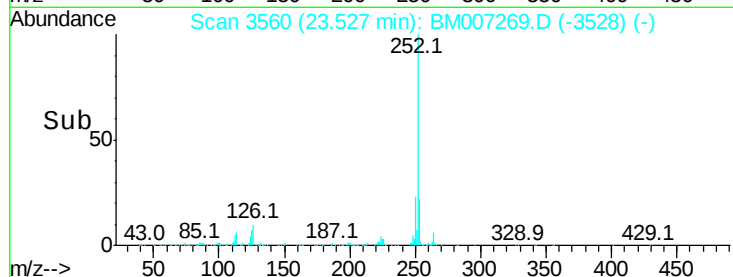
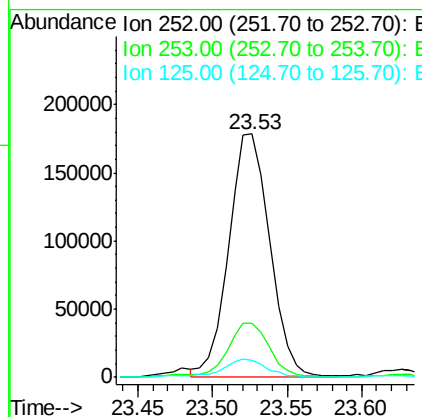
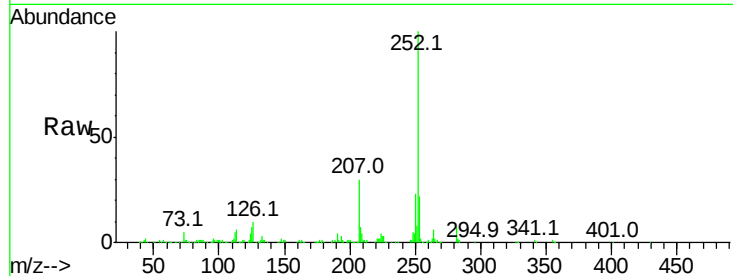
#88
Benzo(a)pyrene
Concen: 2.24 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	7.1	6.6	9.8

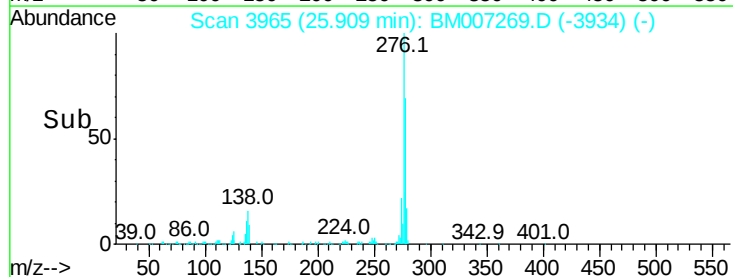
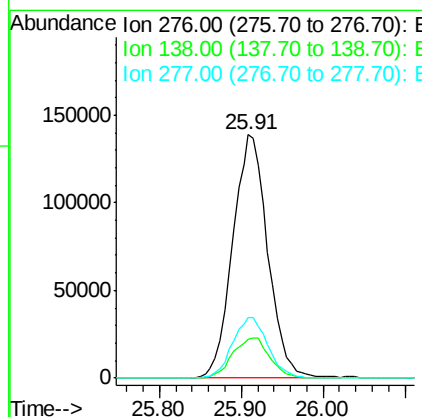
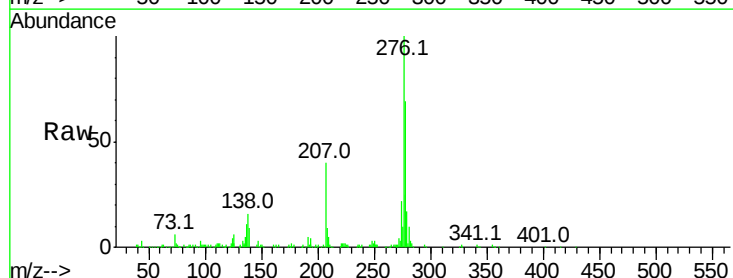
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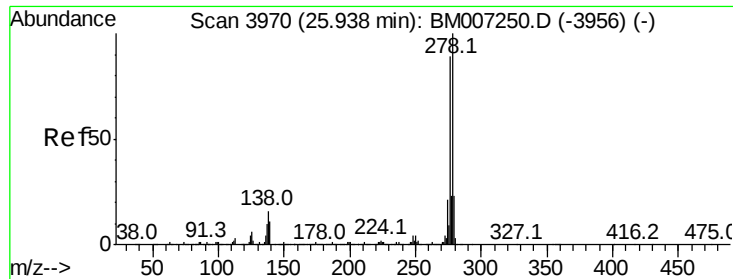
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.21 ng/ul
RT: 25.91 min Scan# 3965
Delta R.T. -0.02 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.9	20.9
277	25.1	20.1	30.1





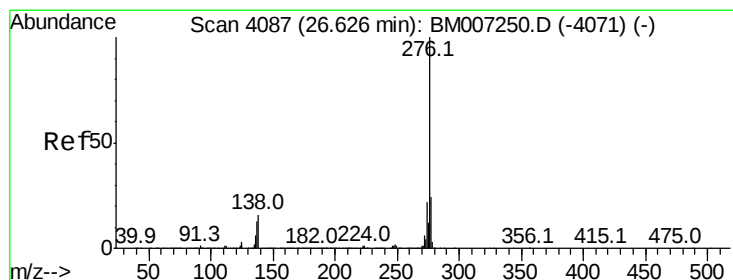
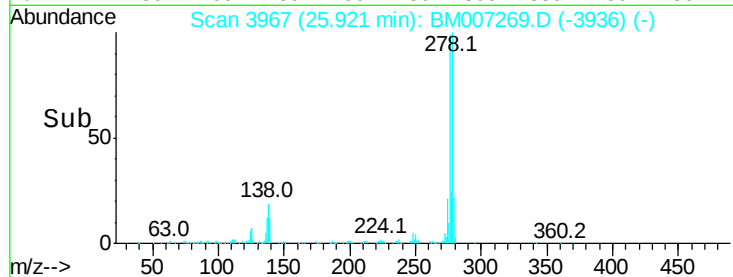
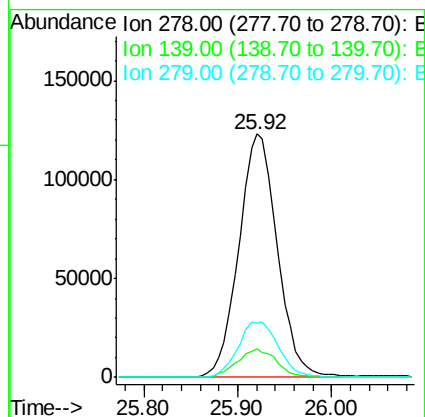
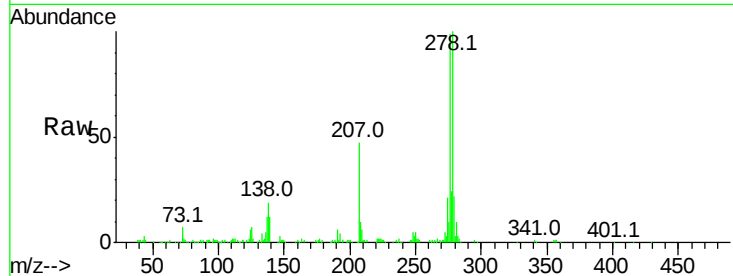
#90
Dibenzo(a,h)anthracene
Concen: 2.25 ng/ul
RT: 25.92 min Scan# 3967
Delta R.T. -0.02 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.7	9.5	14.3
279	22.5	19.1	28.7

Manual Integrations
APPROVED

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#91
Benzo(g,h,i)perylene
Concen: 2.18 ng/ul
RT: 26.61 min Scan# 4085
Delta R.T. -0.02 min
Lab File: BM007269.D
Acq: 24 Aug 2016 01:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	13.5	20.3
277	23.7	19.3	28.9

