

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
 Data File : BM007271.D
 Acq On : 24 Aug 2016 02:32
 Operator : UM/SJ
 Sample : MDL-01-W
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 MDL-01-W

Manual Integrations
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 8/24/2016 4:15:44 PM

Quant Time: Aug 24 06:57:13 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	201616	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	996480	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	725302	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1982016	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2894925	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	3209175	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	9614	2.44	ng/uL	0.00
5) Phenol-d5	6.97	99	423994	22.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	252287	25.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	333798	23.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	377129	22.71	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	183360	25.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	218724	25.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	389123	22.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	546956	25.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1652300	26.41	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1822927	25.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	305837	25.89	ng/ul	0.00
57) Fluorene-d10	15.43	176	1377393	25.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	302007	24.23	ng/ul	0.00
70) Anthracene-d10	17.27	188	2393698	25.85	ng/ul	0.00
76) Pyrene-d10	19.57	212	3077458	25.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3877929	26.24	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.35	88	2802m	0.64	ng/ul
4) Benzaldehyde	6.95	77	28580	2.63	ng/ul
6) Phenol	6.99	94	42123	2.13	ng/ul#
8) Bis(2-Chloroethyl)ether	7.23	93	33254	2.42	ng/ul
10) 2-Chlorophenol	7.37	128	32027	2.22	ng/ul
11) 2-Methylphenol	8.24	108	30794	1.99	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.33	45	35419	2.29	ng/ul#
14) Acetophenone	8.62	105	59268	2.33	ng/ul
15) N-Nitroso-di-n-propylamine	8.60	70	29570	2.18	ng/ul
16) 4-Methylphenol	8.56	108	35732	2.06	ng/ul
17) Hexachloroethane	8.87	117	12868	2.30	ng/ul
20) Nitrobenzene	9.00	77	45756	2.44	ng/ul#
21) Isophorone	9.52	82	84592	2.21	ng/ul
23) 2-Nitrophenol	9.70	139	21707	2.34	ng/ul
24) 2,4-Dimethylphenol	9.76	107	42916	2.10	ng/ul
25) Bis(2-Chloroethoxy)methane	10.00	93	49372	2.29	ng/ul
27) 2,4-Dichlorophenol	10.23	162	37131	2.20	ng/ul#
28) Naphthalene	10.63	128	112668	2.27	ng/ul
30) 4-Chloroaniline	10.75	127	49918	2.29	ng/ul
31) Hexachlorobutadiene	10.92	225	26354	2.31	ng/ul
32) Caprolactam	11.53	113	13372m	1.96	ng/ul
33) 4-Chloro-3-methylphenol	11.87	107	43927	2.10	ng/ul
34) 2-Methylnaphthalene	12.25	142	92345	2.28	ng/ul

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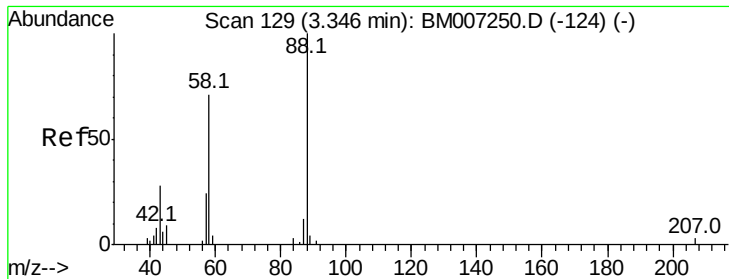
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	54066	2.24	ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	26199	1.80	ng/ul	94
38) 2,4,6-Trichlorophenol	12.86	196	34049	1.99	ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	35934	2.02	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	129162	2.30	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	99985	2.27	ng/ul	99
42) 2-Nitroaniline	13.51	65	28584	1.98	ng/ul	96
44) Dimethylphthalate	13.89	163	151653	2.43	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	26842	2.11	ng/ul	92
47) Acenaphthylene	14.15	152	173344	2.32	ng/ul	98
48) 3-Nitroaniline	14.34	138	27247	2.10	ng/ul	94
49) Acenaphthene	14.50	153	111137	2.29	ng/ul	96
50) 2,4-Dinitrophenol	14.55	184	11862	1.37	ng/ul	97
52) 4-Nitrophenol	14.64	109	31158	2.48	ng/ul	92
53) Dibenzofuran	14.83	168	170387	2.34	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	43592	2.23	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	39311	2.15	ng/ul#	93
56) Diethylphthalate	15.26	149	151923	2.34	ng/ul	99
58) Fluorene	15.48	166	142890	2.39	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	76754	2.45	ng/ul	98
60) 4-Nitroaniline	15.50	138	34319	2.33	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.56	198	30721	2.31	ng/ul#	85
64) N-Nitrosodiphenylamine	15.69	169	128333	2.32	ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	51137	2.29	ng/ul	97
66) Hexachlorobenzene	16.48	284	60696	2.42	ng/ul	97
67) Atrazine	16.64	200	53564	2.29	ng/ul	97
68) Pentachlorophenol	16.83	266	30235	1.87	ng/ul	96
69) Phenanthrene	17.22	178	252629	2.37	ng/ul	100
71) Anthracene	17.31	178	263325	2.40	ng/ul	100
72) Carbazole	17.58	167	230941	2.42	ng/ul	100
73) Di-n-butylphthalate	18.14	149	276723	2.30	ng/ul	99
74) Fluoranthene	19.23	202	339144	2.54	ng/ul	96
77) Pyrene	19.59	202	377718	2.43	ng/ul	98
78) Butylbenzylphthalate	20.49	149	128546	1.99	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	141382	2.46	ng/ul	99
80) Benzo(a)anthracene	21.34	228	423593	2.48	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	201296	2.15	ng/ul	97
82) Chrysene	21.39	228	383805	2.48	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	361072	2.26	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	467316	2.46	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	444383	2.53	ng/ul	100
88) Benzo(a)pyrene	23.53	252	462977	2.55	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.91	276	561122	2.52	ng/ul	100
90) Dibenzo(a,h)anthracene	25.92	278	471424	2.54	ng/ul	97
91) Benzo(g,h,i)perylene	26.61	276	472050	2.49	ng/ul	98

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



#2

1,4-Dioxane

Concen: 0.64 ng/uL m

RT: 3.35 min Scan# 129

Delta R.T. 0.00 min

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Acq: 24 Aug 2016 02:32

Instrument :

BNA_M

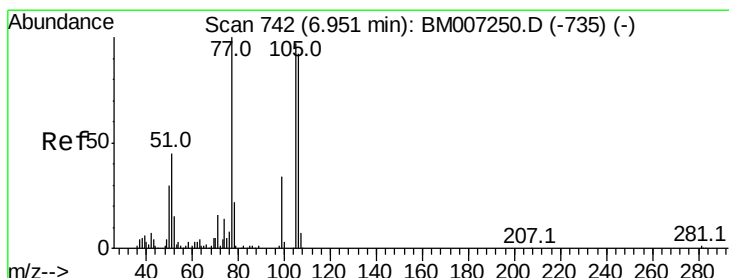
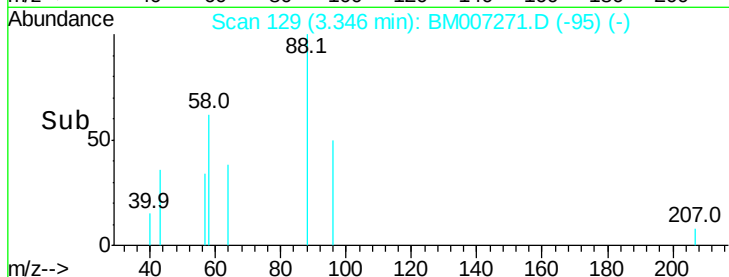
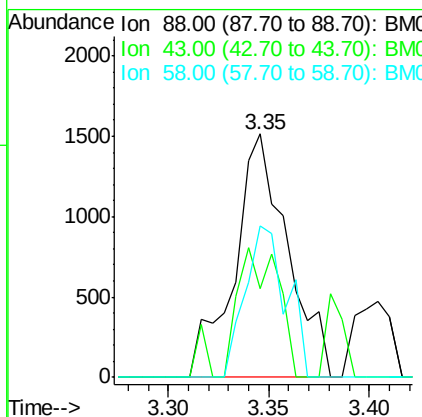
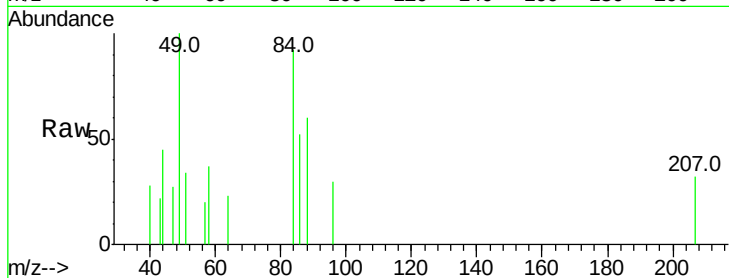
ClientSampleId :

MDL-01-W

Tot Ion:	88	Resp:	2802
Ion Ratio	Lower	Upper	
88	100		
43	23.4	22.6	34.0
58	47.5	57.3	85.9#

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#4

Benzaldehyde

Concen: 2.63 ng/uL

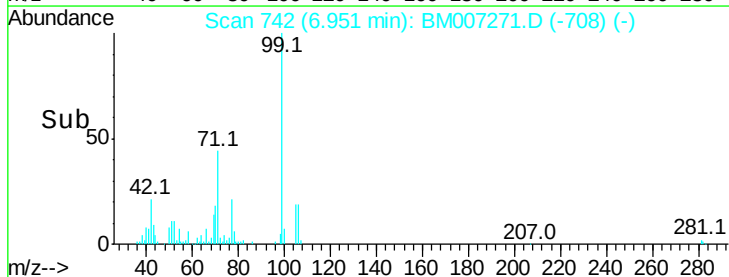
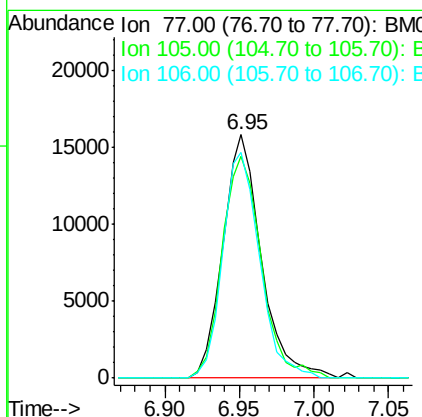
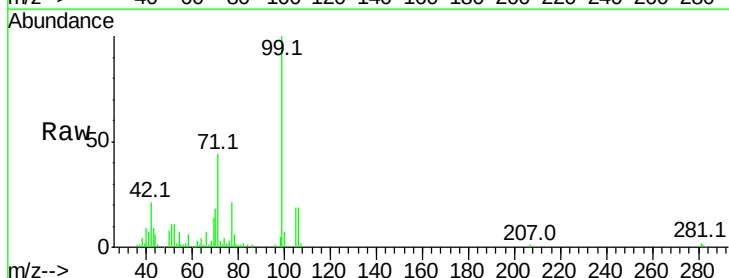
RT: 6.95 min Scan# 742

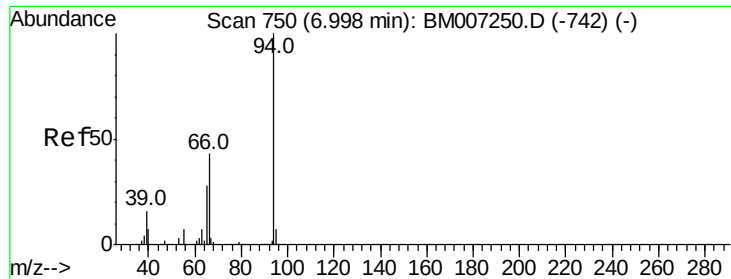
Delta R.T. 0.00 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Tgt Ion:	77	Resp:	28580
Ion Ratio	Lower	Upper	
77	100		
105	90.9	76.9	115.3
106	92.5	71.8	107.8





#6

Phenol

Concen: 2.13 na/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Instrument :

BNA_M

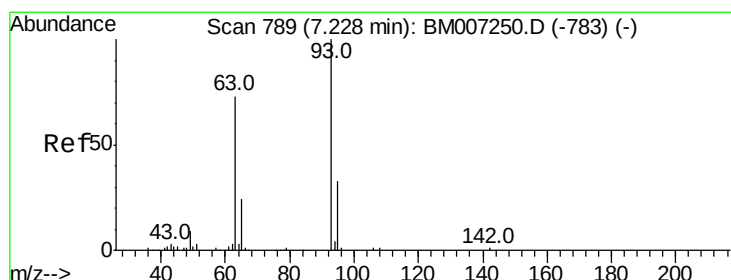
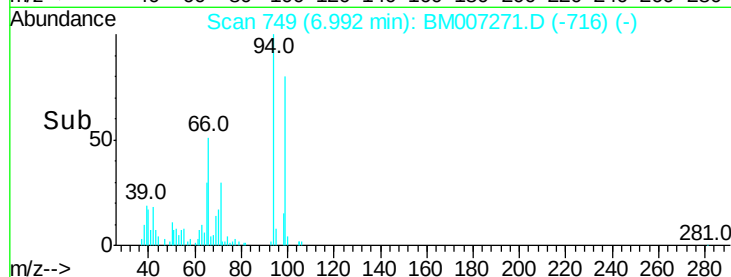
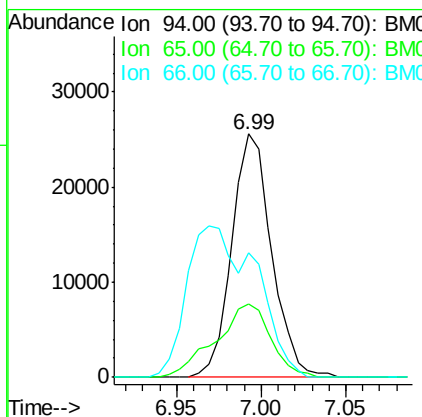
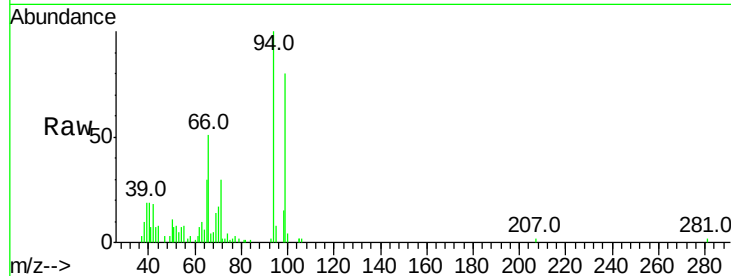
ClientSampled :

MDL-01-W

Tot Ion:	94	Resp:	42123
Ion	Ratio	Lower	Upper
94	100		
65	30.3	23.9	35.9
66	51.3	33.5	50.3#

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#8

Bis(2-Chloroethyl)ether

Concen: 2.42 ng/ul

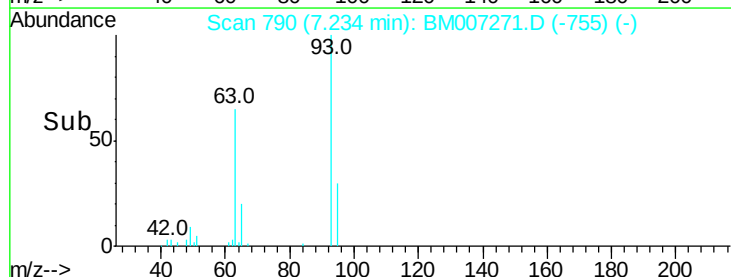
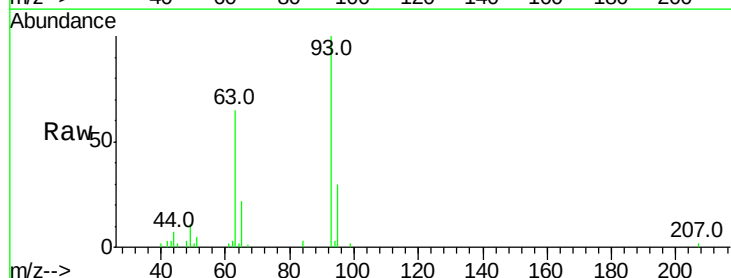
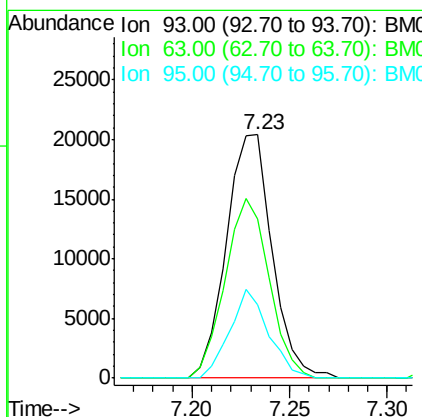
RT: 7.23 min Scan# 790

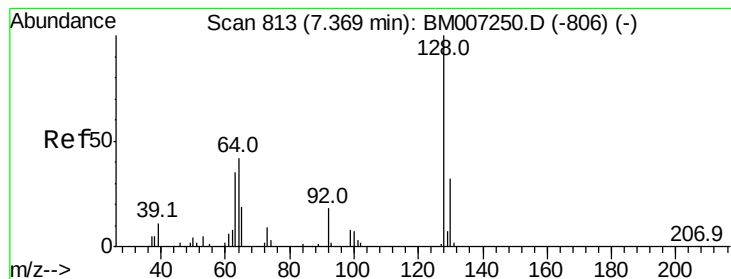
Delta R.T. 0.01 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Tgt Ion:	93	Resp:	33254
Ion	Ratio	Lower	Upper
93	100		
63	65.4	57.3	85.9
95	30.3	25.1	37.7





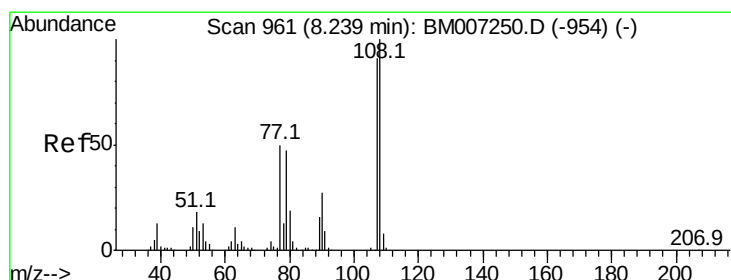
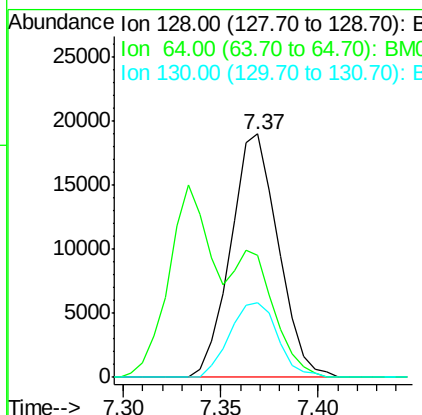
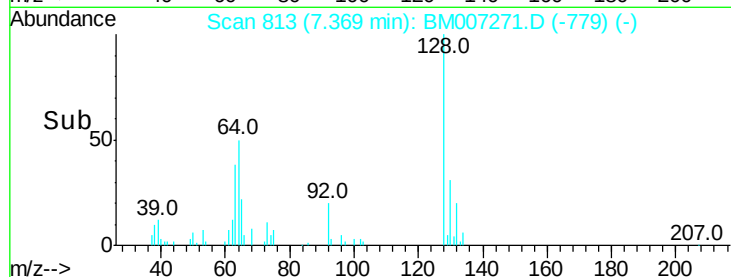
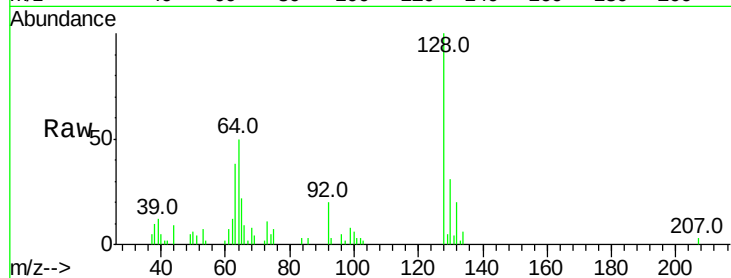
#10
2-Chlorophenol
Concen: 2.22 ng/ul
RT: 7.37 min Scan# 813
Delta R.T. 0.00 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Instrument :
BNA_M
ClientSampled :
MDL-01-W

Tot Ion	Ratio	Lower	Upper
128	100		
64	49.9	37.5	56.3
130	30.6	25.0	37.4

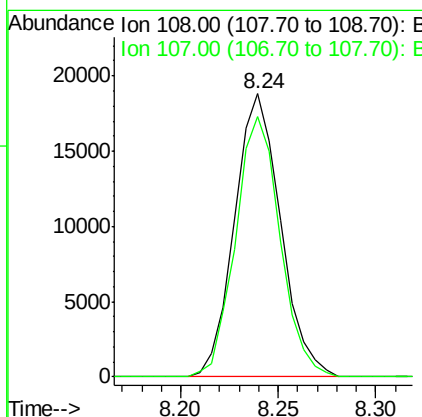
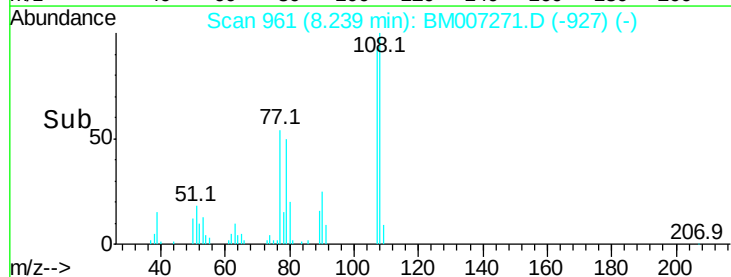
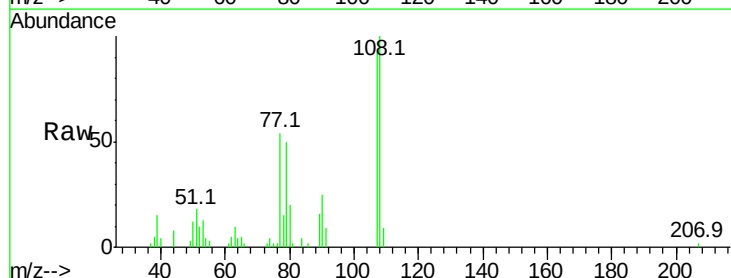
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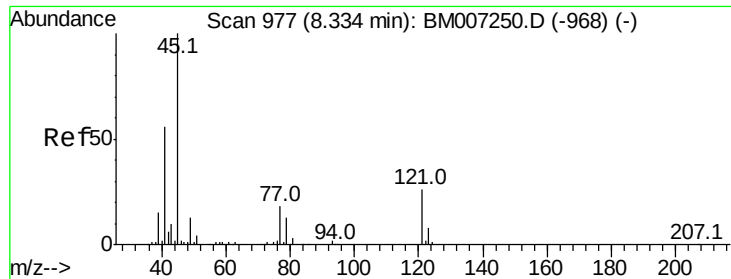
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#11
2-Methylphenol
Concen: 1.99 ng/ul
RT: 8.24 min Scan# 961
Delta R.T. 0.00 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Tgt Ion	Ratio	Lower	Upper
108	100		
107	91.8	71.8	107.6





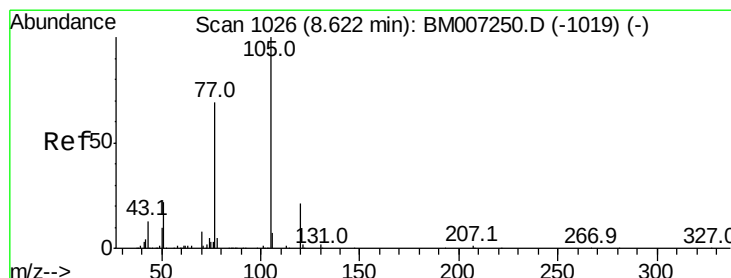
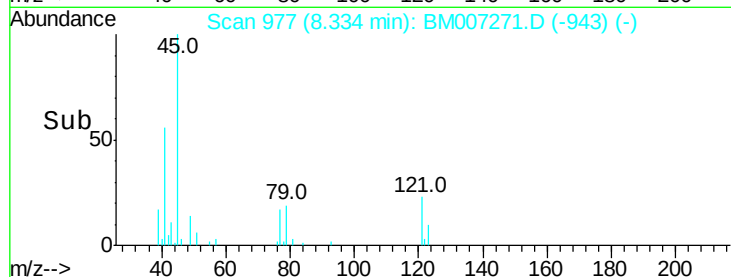
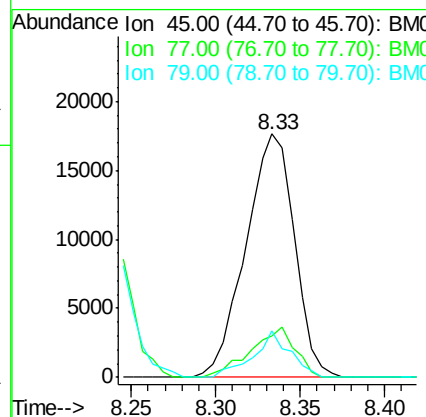
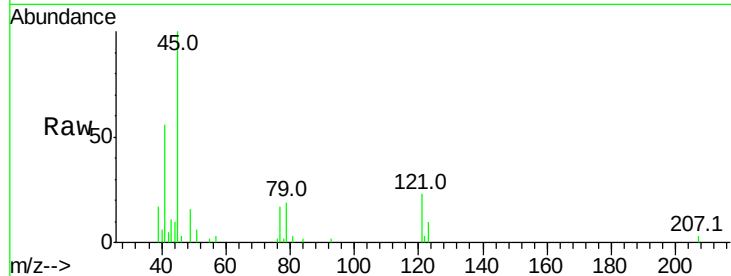
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 2.29 ng/ul
RT: 8.33 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Instrument :
BNA_M
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MDL-01-W

Tot Ion	Ratio	Lower	Upper
45	100		
77	17.0	14.1	21.1
79	18.9	10.4	15.6

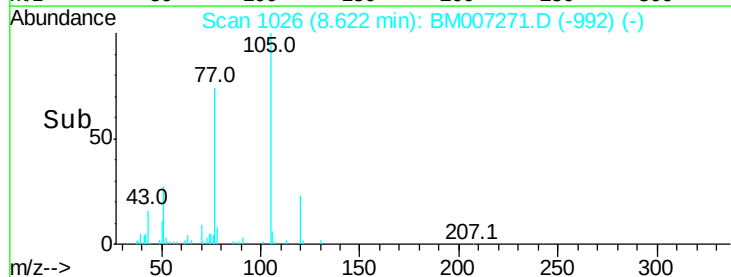
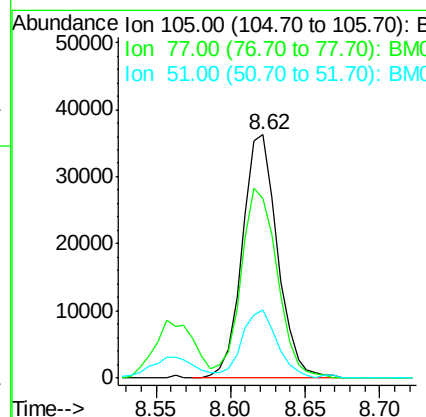
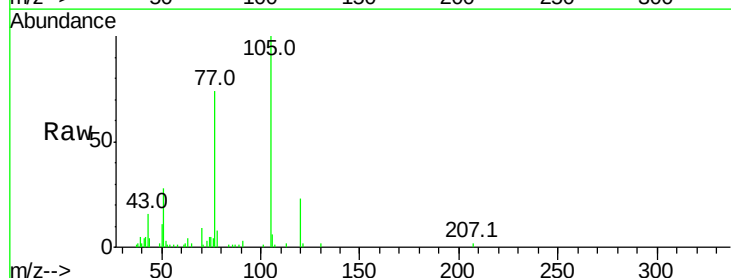
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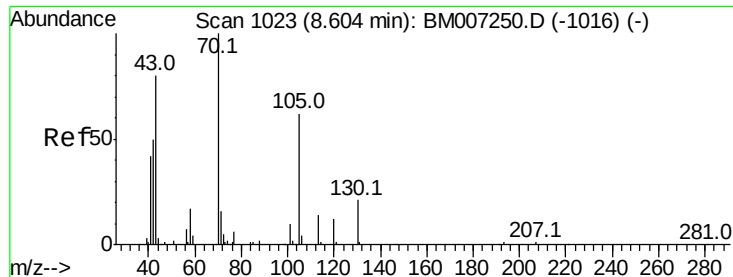
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#14
Acetophenone
Concen: 2.33 ng/ul
RT: 8.62 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Tgt Ion	Ratio	Lower	Upper
105	100		
77	73.5	65.9	98.9
51	28.2	22.2	33.2





#15

N-Nitroso-di-n-propylamine

Concen: 2.18 ng/ul

RT: 8.60 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Instrument :

BNA_M

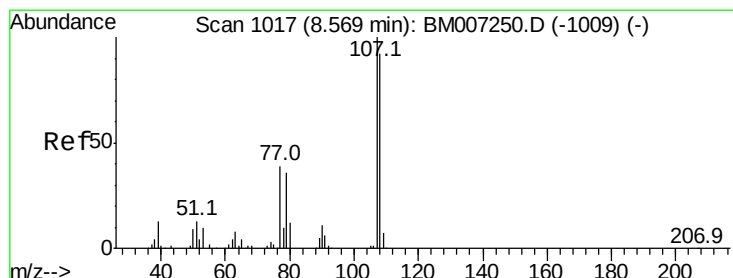
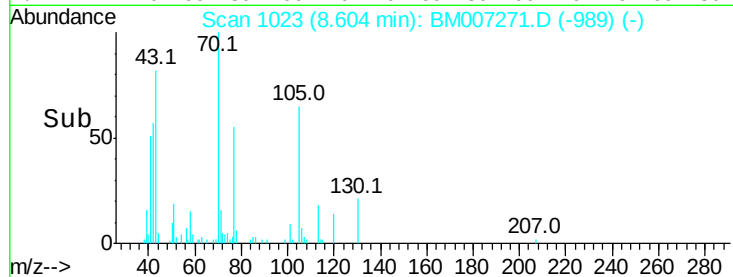
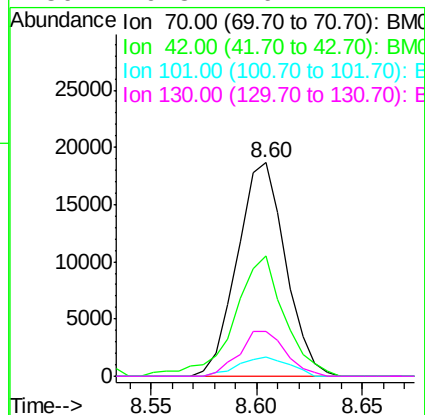
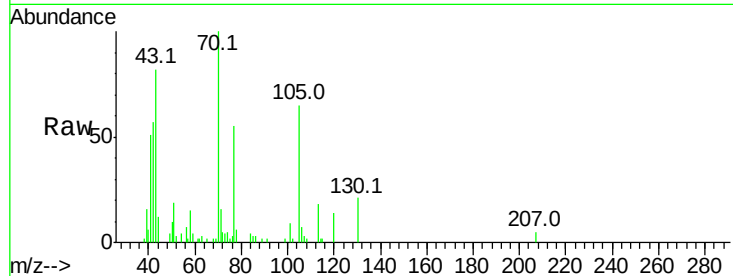
ClientSampled :

MDL-01-W

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.6	43.4	65.2	
101	9.2	7.8	11.6	
130	20.8	16.2	24.4	

Manual Integrations
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#16

4-Methylphenol

Concen: 2.06 ng/ul

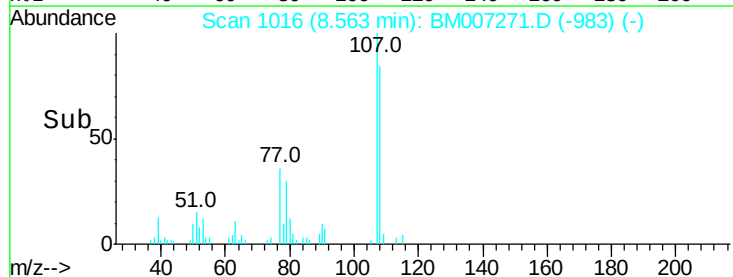
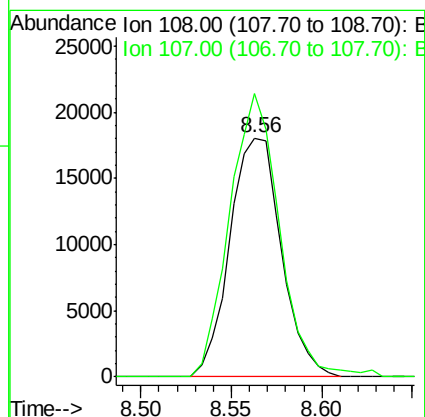
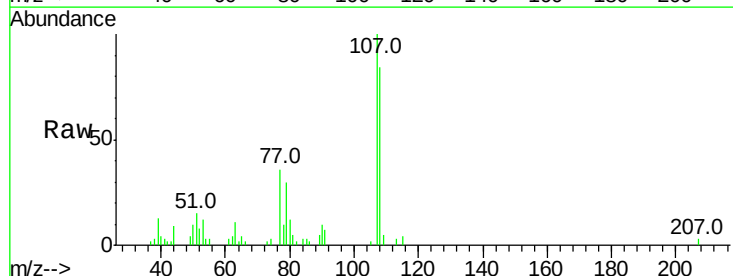
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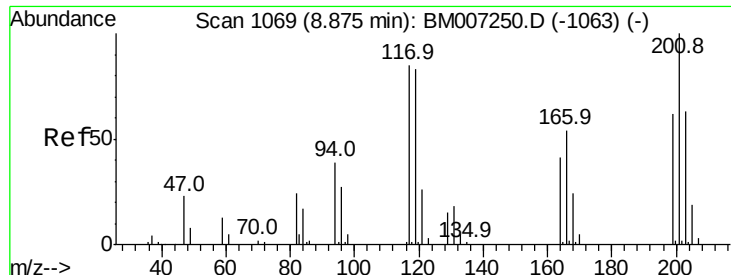
Delta R.T. -0.01 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	118.5	87.8	131.8	





#17

Hexachloroethane

Concen: 2.30 ng/ul

RT: 8.87 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Instrument :

BNA_M

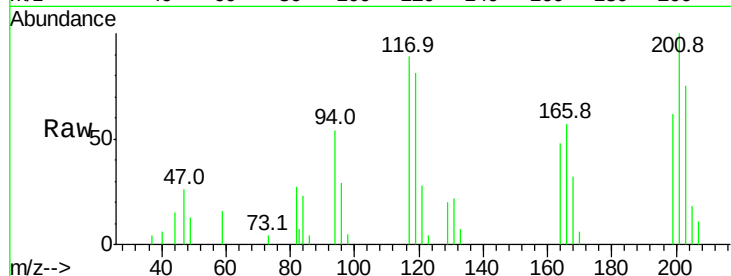
ClientSampled :

MDL-01-W

Tot Ion	Ratio	Lower	Upper
117	100		
201	112.3	90.3	135.5
199	70.0	58.5	87.7

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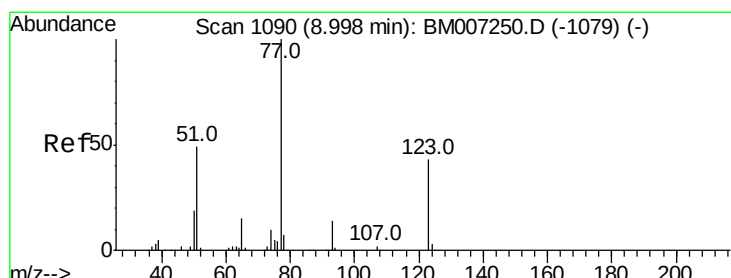
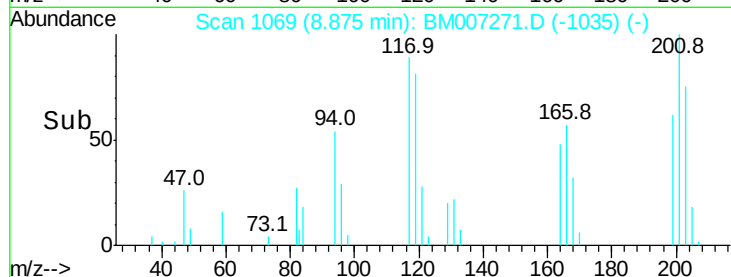
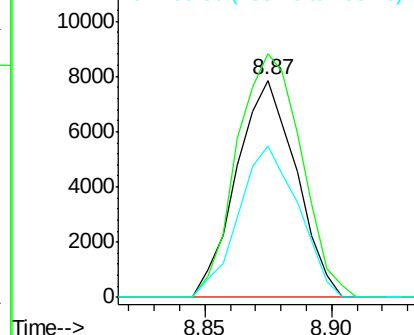


Abundance

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: 2.44 ng/ul

RT: 9.00 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

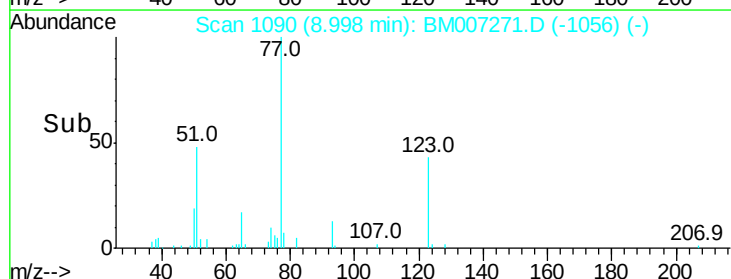
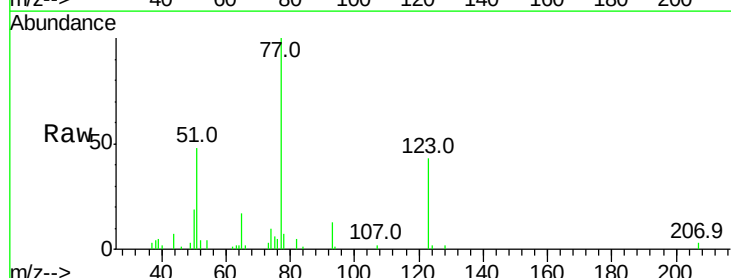
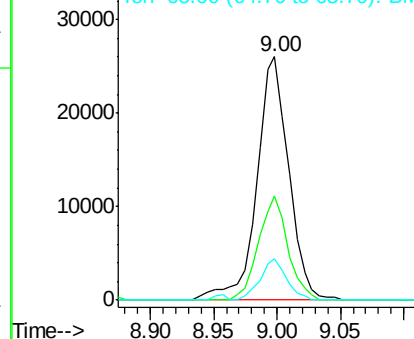
Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.8	34.2	51.4
65	17.2	11.0	16.6#

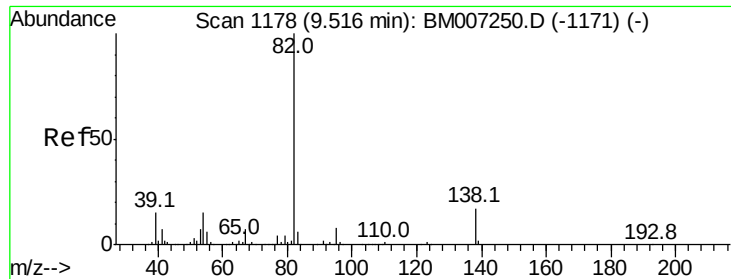
Abundance

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





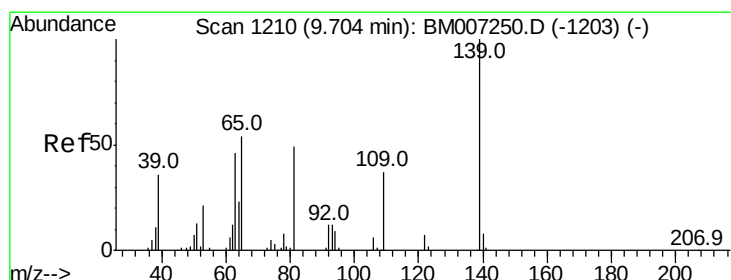
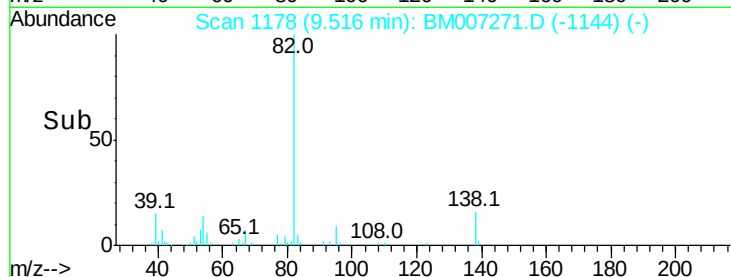
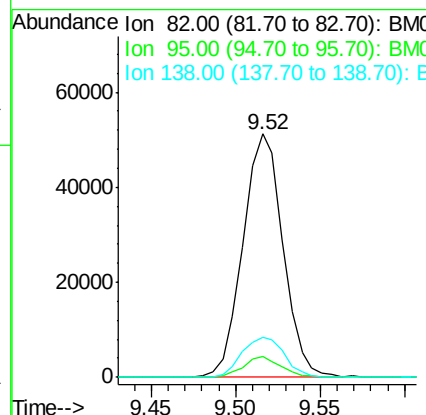
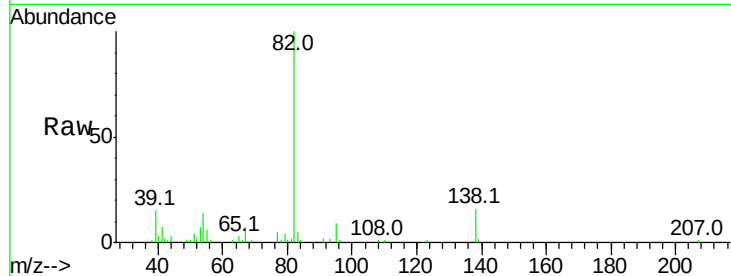
#21
Isophorone
Concen: 2.21 ng/ul
RT: 9.52 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.7	6.9	10.3	
138	16.4	13.8	20.8	

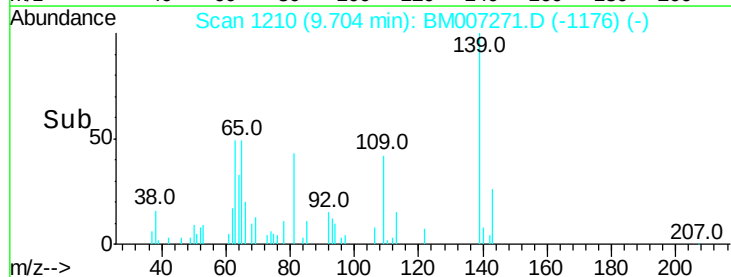
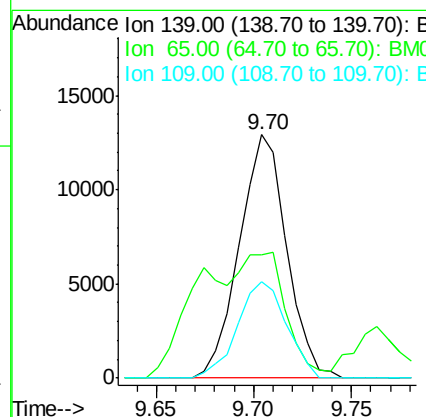
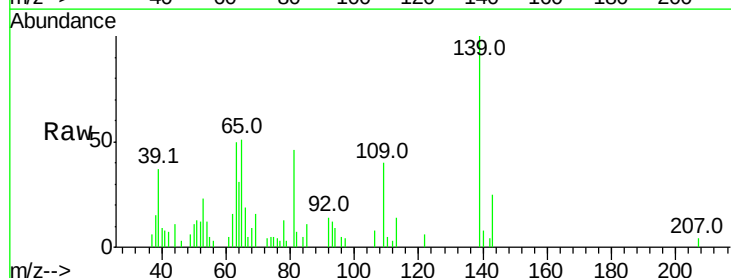
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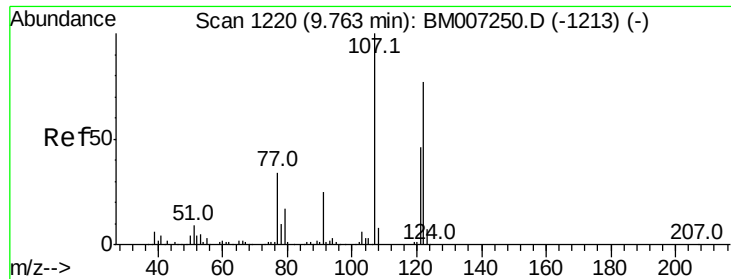
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#23
2-Nitrophenol
Concen: 2.34 ng/ul
RT: 9.70 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
65	50.8	44.2	66.4	
109	39.6	28.2	42.4	





#24

2,4-Dimethylphenol

Concen: 2.10 ng/ul

RT: 9.76 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Instrument :

BNA_M

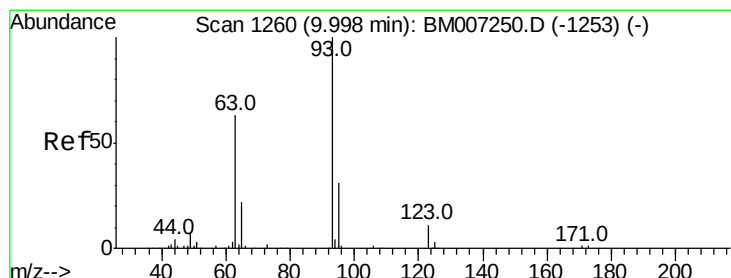
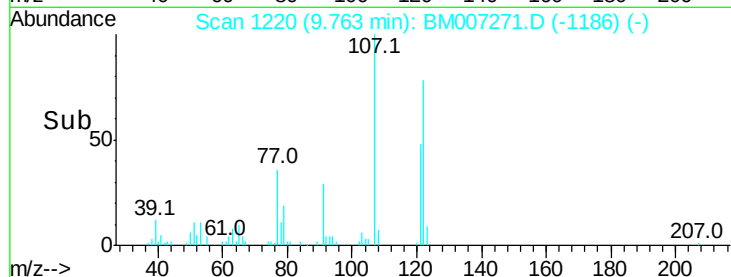
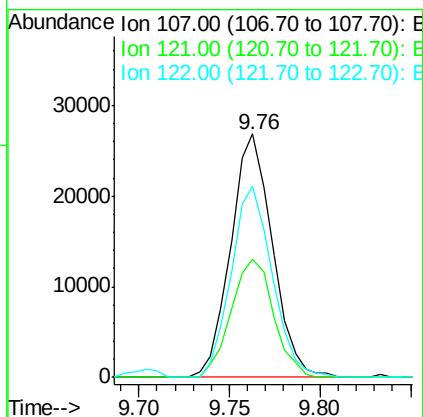
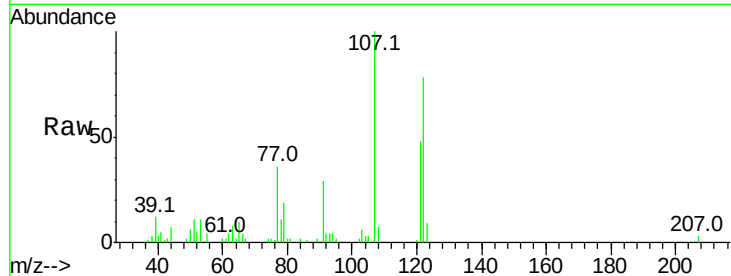
ClientSampled :

MDL-01-W

Tot Ion:	107	Resp:	42916
Ion	Ratio	Lower	Upper
107	100		
121	48.3	37.1	55.7
122	78.4	62.8	94.2

Manual Integrations
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#25

Bis(2-Chloroethoxy)methane

Concen: 2.29 ng/ul

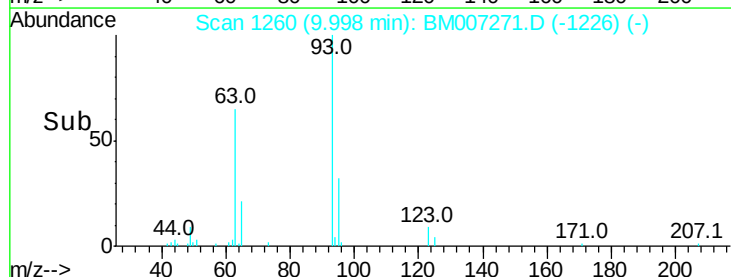
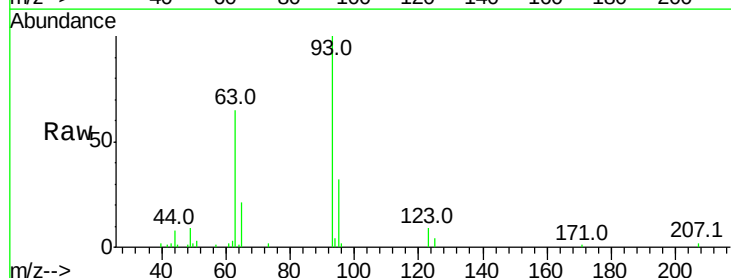
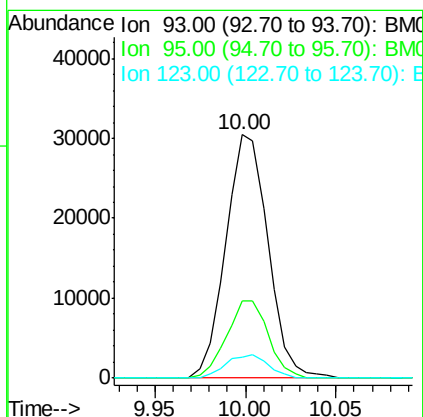
RT: 10.00 min Scan# 1260

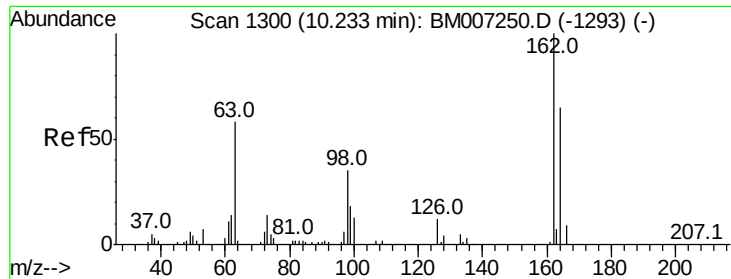
Delta R.T. 0.00 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Tgt Ion:	93	Resp:	49372
Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.4	38.0
123	8.7	8.3	12.5





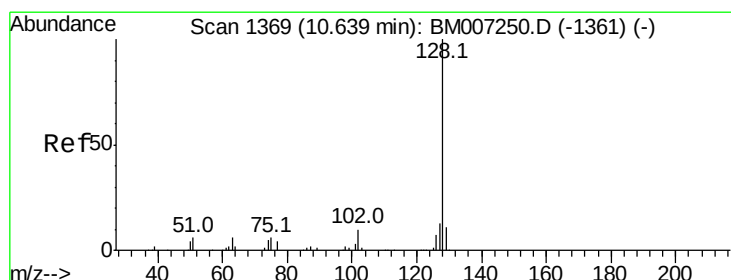
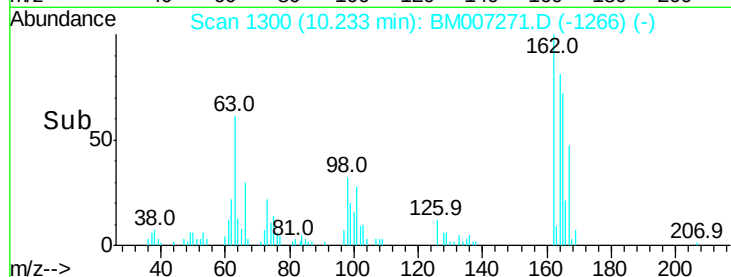
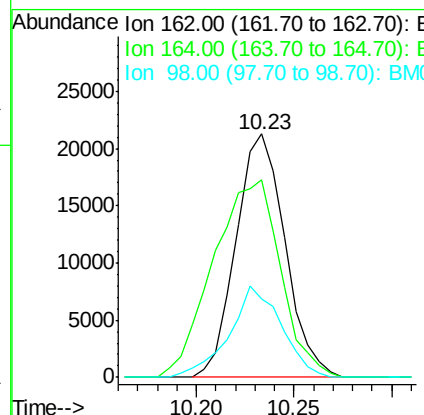
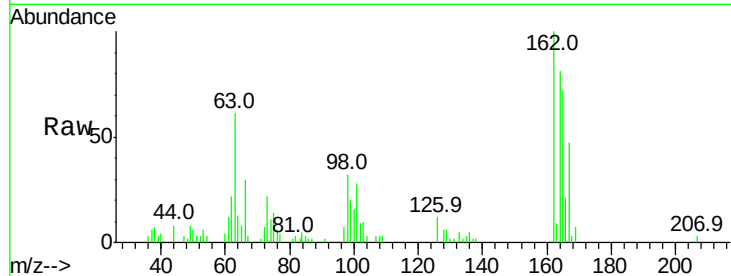
#27
 2,4-Dichlorophenol
 Concen: 2.20 ng/ul
 RT: 10.23 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-W

Tot Ion	Ratio	Resp	Lower	Upper
162	100	37131		
164	81.1	51.6	77.4#	
98	32.4	28.4	42.6	

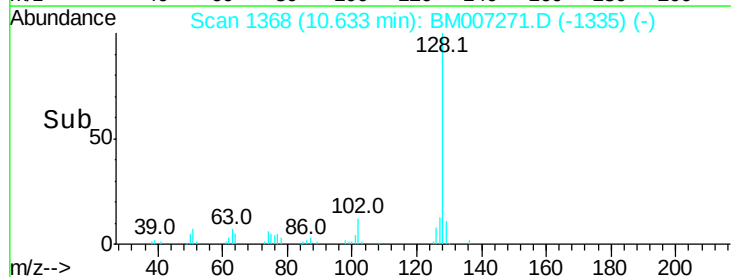
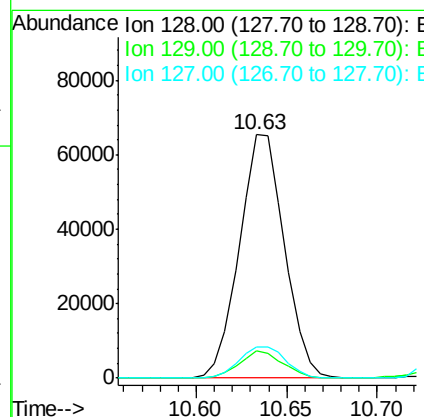
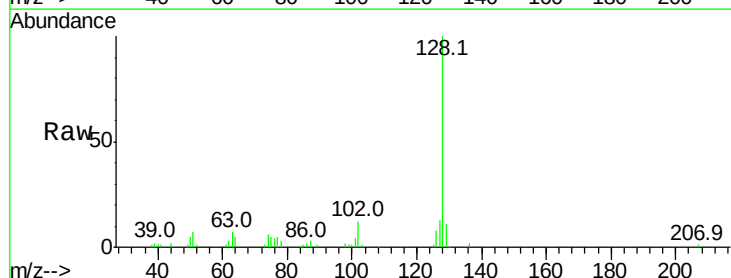
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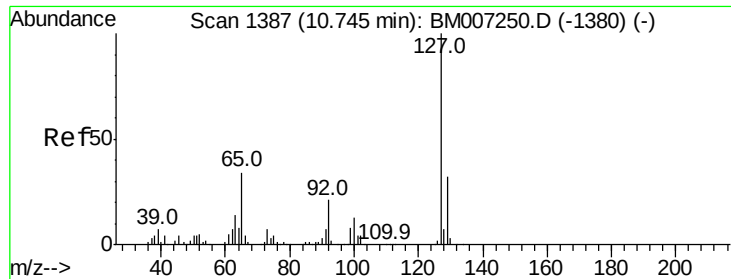
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#28
 Naphthalene
 Concen: 2.27 ng/ul
 RT: 10.63 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	112668		
129	11.3	8.6	12.8	
127	12.9	10.6	15.8	





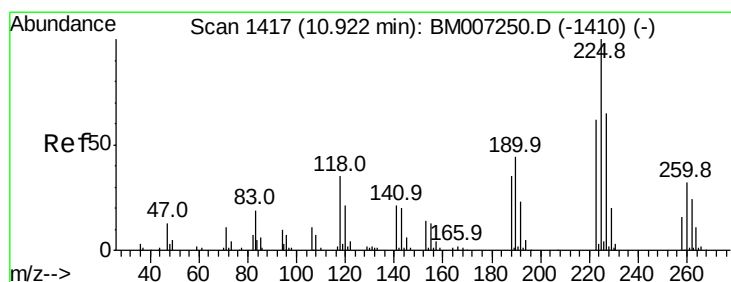
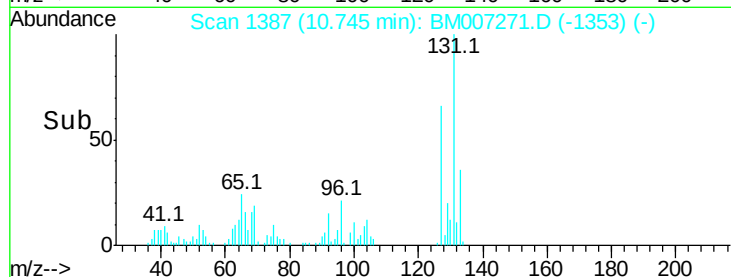
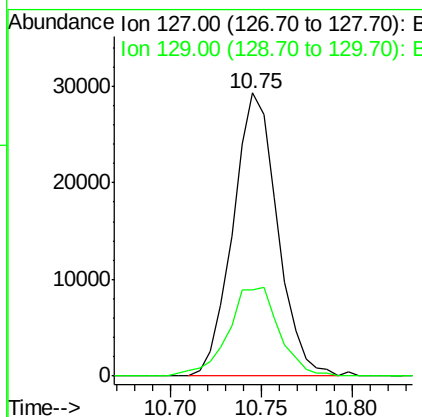
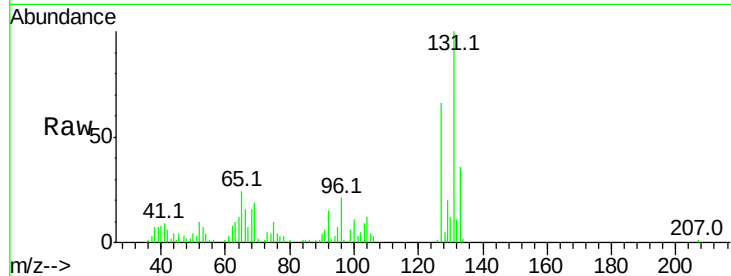
#30
4-Chloroaniline
Concen: 2.29 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Instrument :
BNA_M
ClientSampled :
MDL-01-W

Tot Ion:127 Resp: 49918
Ion Ratio Lower Upper
127 100
129 30.7 24.6 37.0

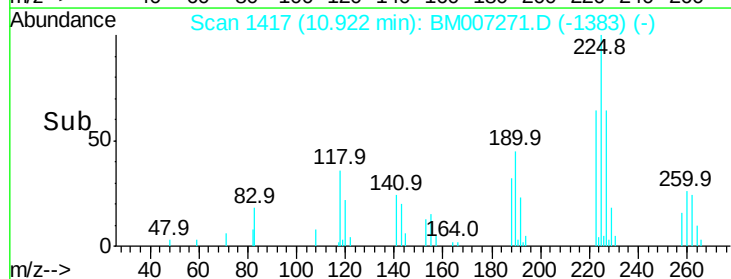
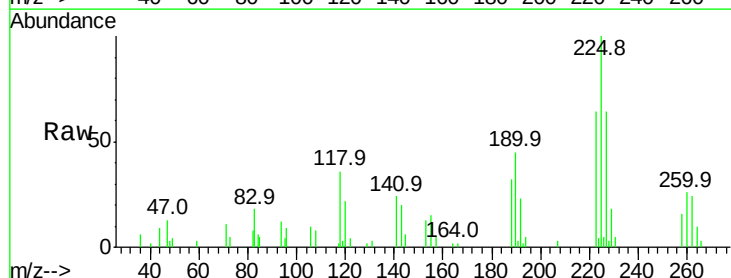
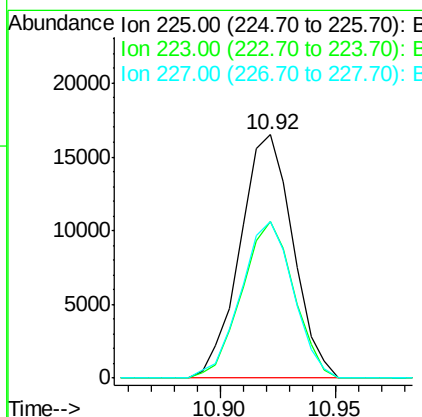
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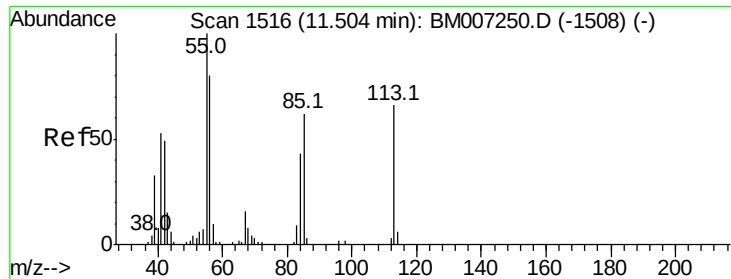
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#31
Hexachlorobutadiene
Concen: 2.31 ng/ul
RT: 10.92 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Tgt Ion:225 Resp: 26354
Ion Ratio Lower Upper
225 100
223 64.1 51.2 76.8
227 64.2 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: BM007271.D

Acq: 24 Aug 2016 02:32

Instrument :

BNA_M

ClientSampled :

MDL-01-W

Tot Ion:113 Resp: 13372

Ion Ratio Lower Upper

113 100

55 139.7 121.9 182.9

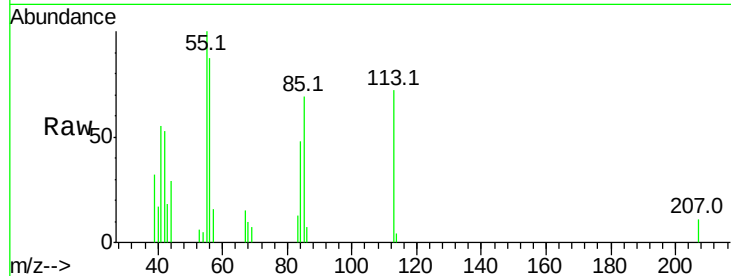
56 121.8 97.4 146.0

Manual Integrations

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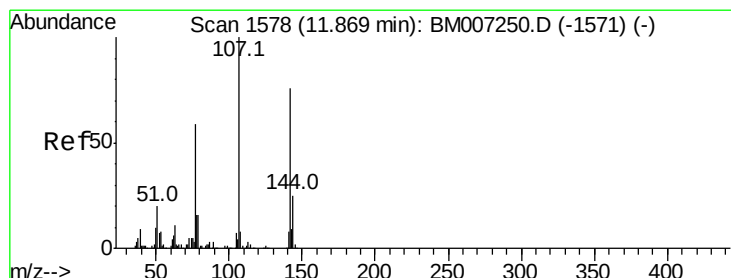
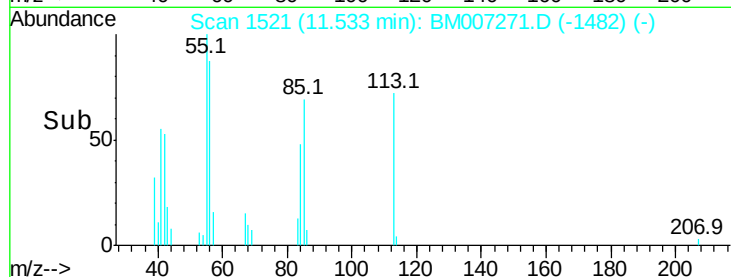
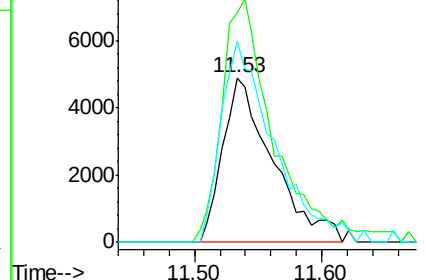
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 2.10 ng/ul

RT: 11.87 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

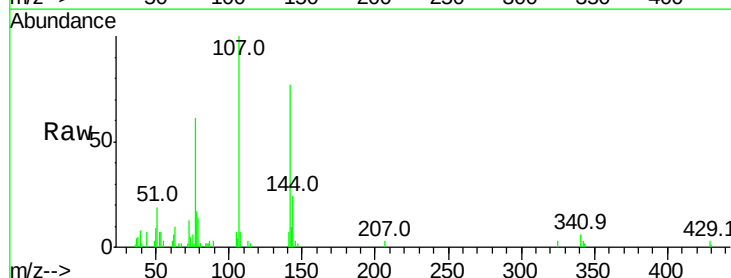
Tgt Ion:107 Resp: 43927

Ion Ratio Lower Upper

107 100

144 24.2 21.1 31.7

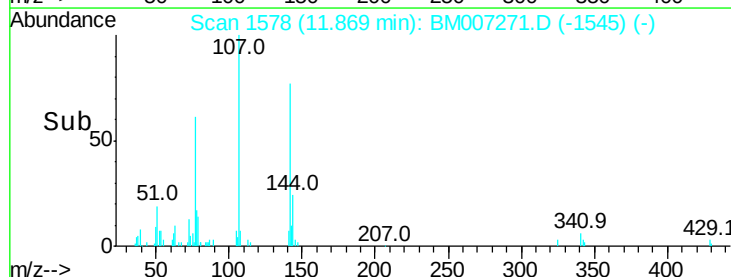
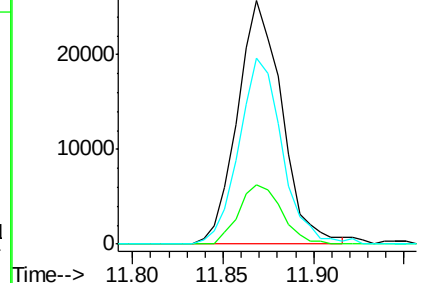
142 76.5 64.1 96.1

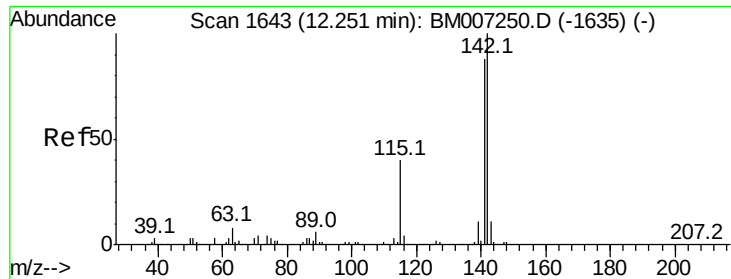


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





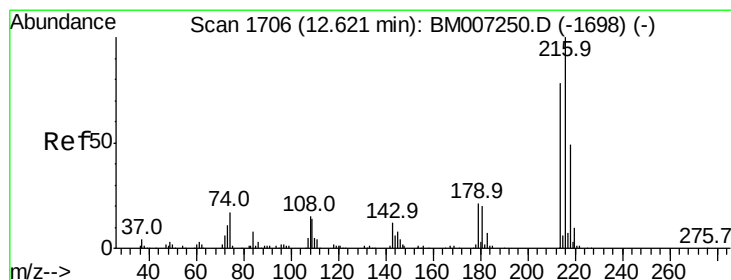
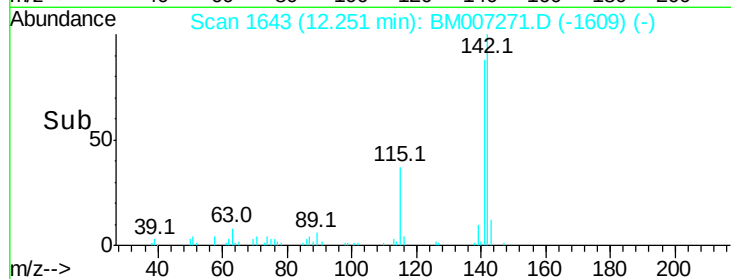
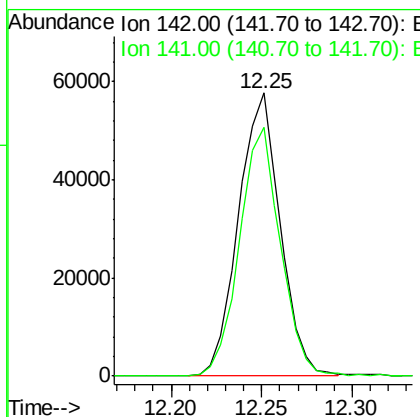
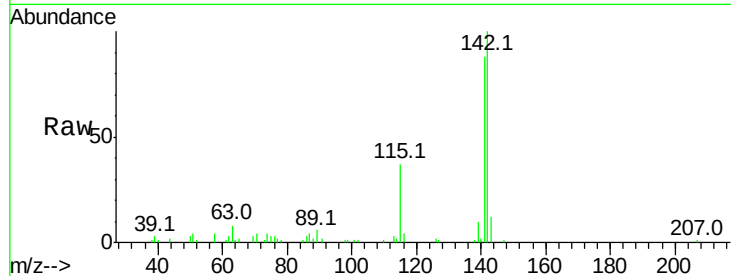
#34
 2-Methylnaphthalene
 Concen: 2.28 ng/ul
 RT: 12.25 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-W

Tot Ion:142 Resp: 92345
 Ion Ratio Lower Upper
 142 100
 141 87.7 71.3 106.9

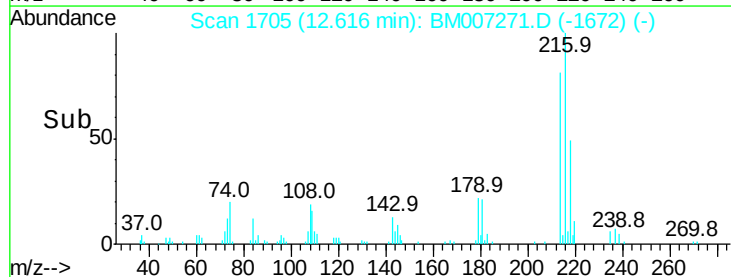
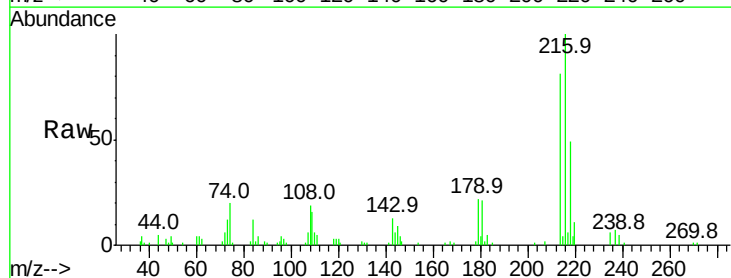
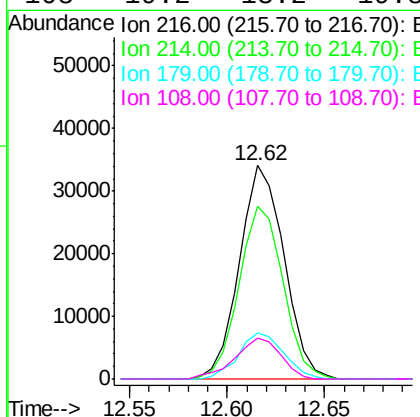
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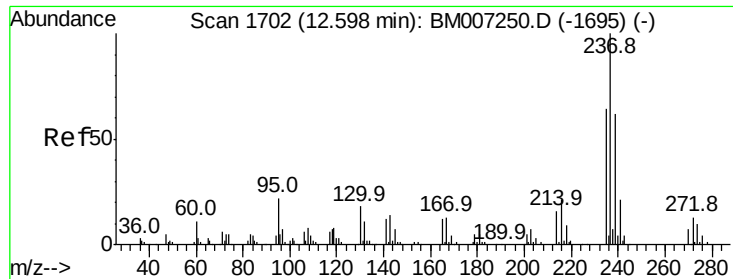
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.24 ng/ul
 RT: 12.62 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Tgt Ion:216 Resp: 54066
 Ion Ratio Lower Upper
 216 100
 214 80.6 64.8 97.2
 179 21.6 16.7 25.1
 108 19.2 13.2 19.8





#37

Hexachlorocyclopentadiene

Concen: 1.80 ng/ul

RT: 12.60 min Scan# 1702

Delta R.T. 0.00 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Instrument :

BNA_M

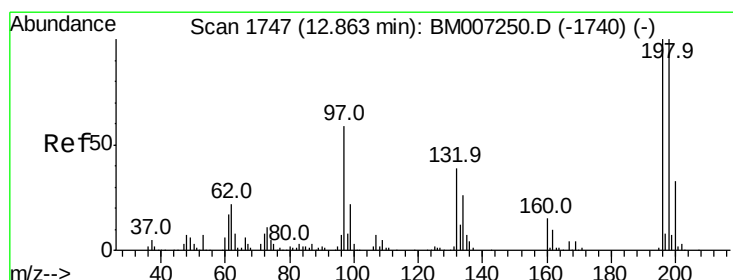
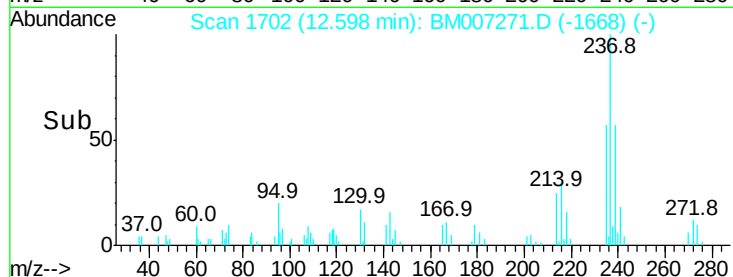
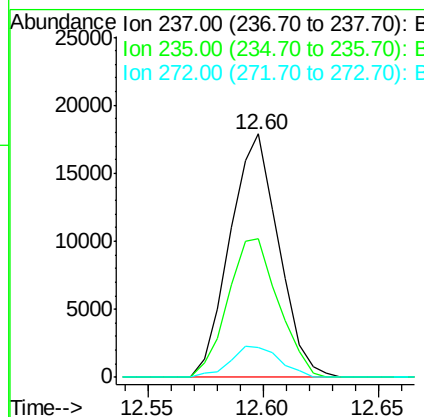
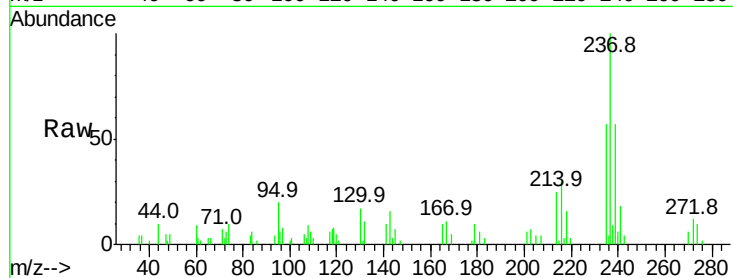
ClientSampled :

MDL-01-W

Tot Ion:	237	Resp:	26199
Ion Ratio		Lower	Upper
237	100		
235	57.0	49.6	74.4
272	12.5	10.4	15.6

Manual Integrations
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#38

2,4,6-Trichlorophenol

Concen: 1.99 ng/ul

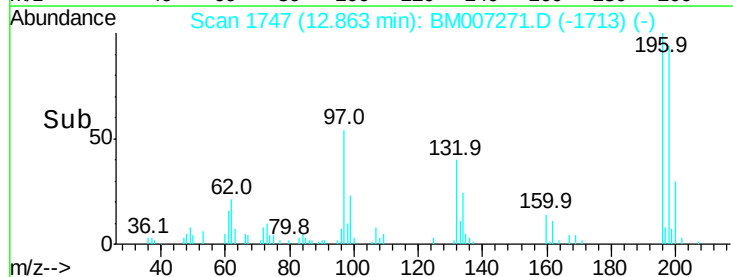
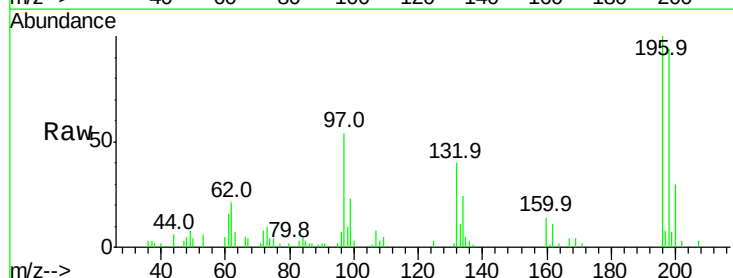
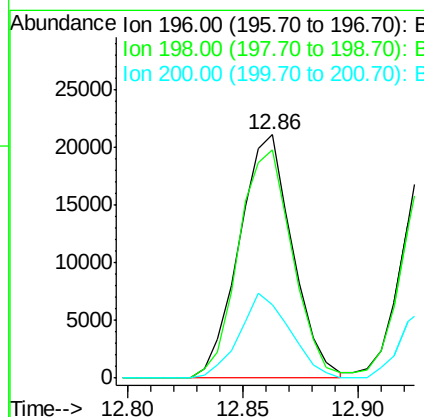
RT: 12.86 min Scan# 1747

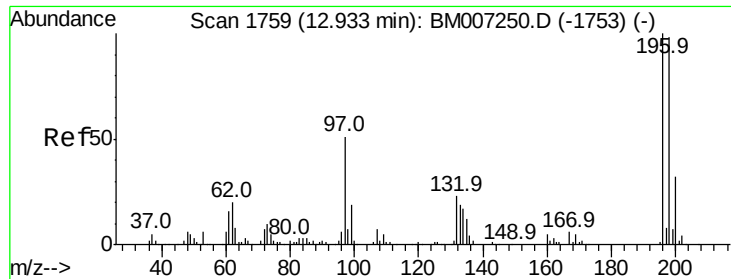
Delta R.T. 0.00 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Tgt Ion:	196	Resp:	34049
Ion Ratio		Lower	Upper
196	100		
198	93.9	76.9	115.3
200	30.2	25.1	37.7





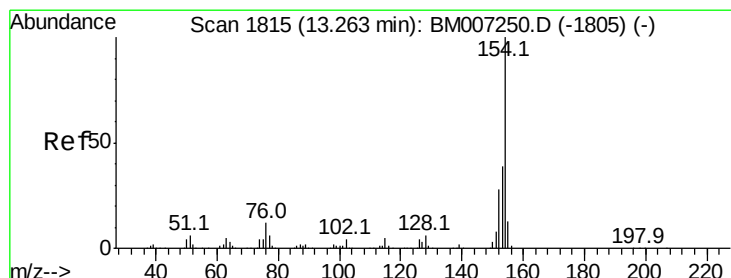
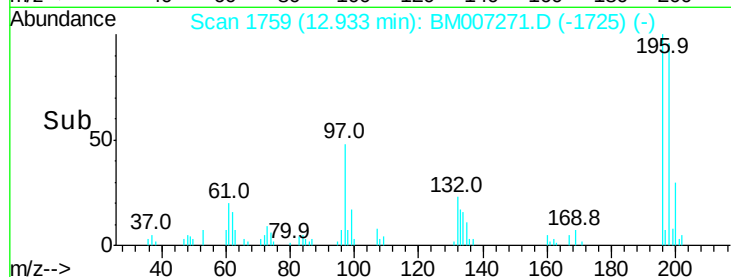
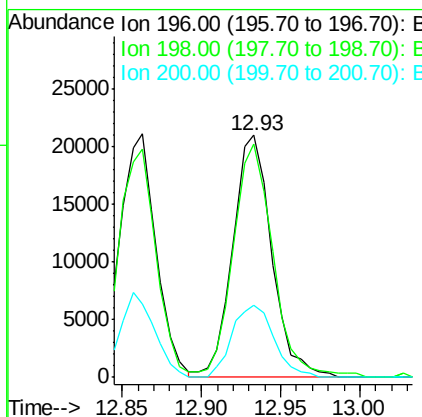
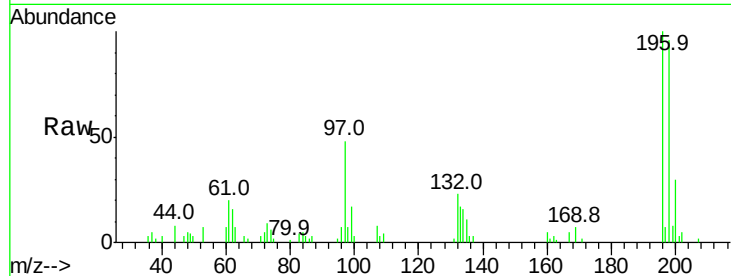
#39
 2,4,5-Trichlorophenol
 Concen: 2.02 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-W

Tot Ion:	196	Resp:	35934
Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.8	115.2
200	29.7	27.0	40.4

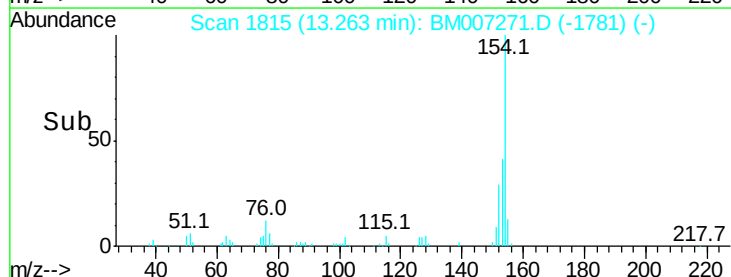
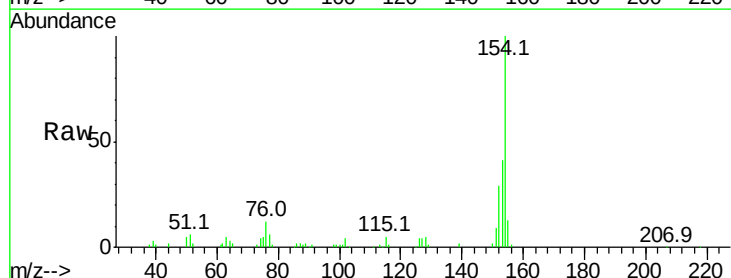
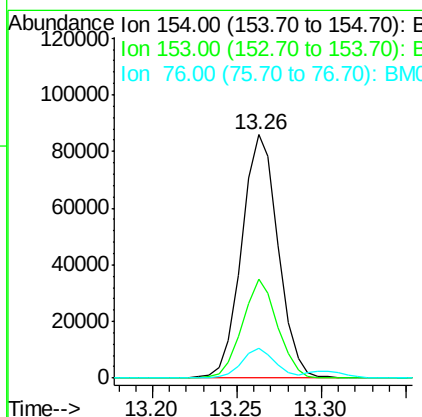
Manual Integrations
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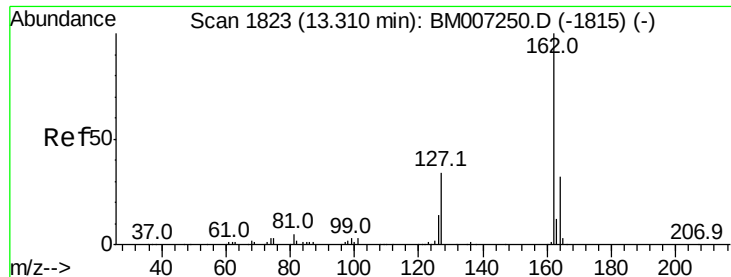
sohil
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#40
 1,1'-Biphenyl
 Concen: 2.30 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Tgt Ion:	154	Resp:	129162
Ion	Ratio	Lower	Upper
154	100		
153	40.7	31.3	46.9
76	12.2	10.0	15.0





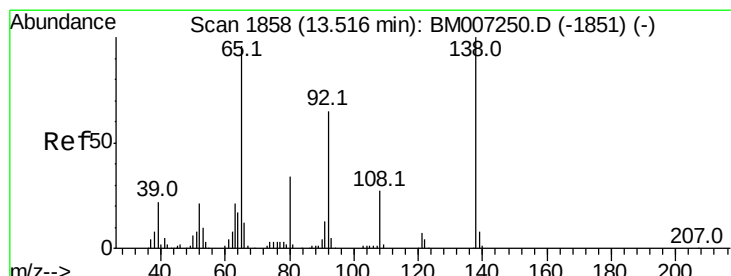
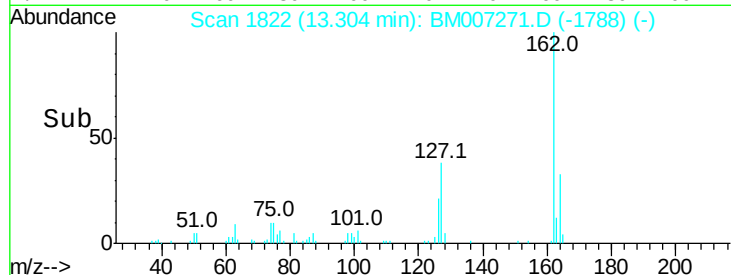
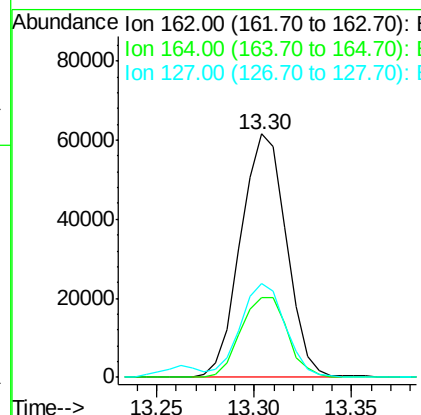
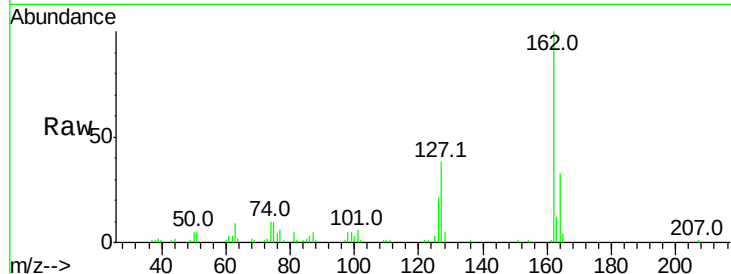
#41
2-Chloronaphthalene
Concen: 2.27 ng/ul
RT: 13.30 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tot Ion	Ratio	Lower	Upper
162	100		
164	32.8	26.9	40.3
127	38.4	31.2	46.8

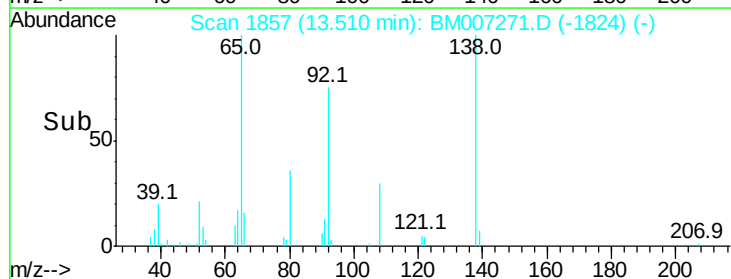
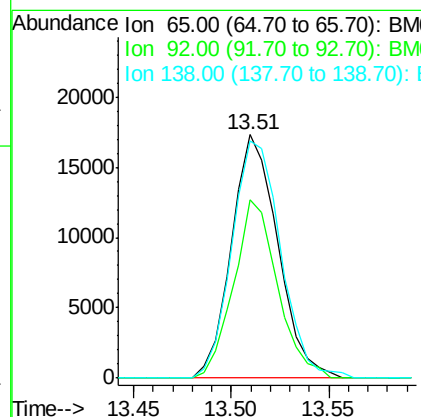
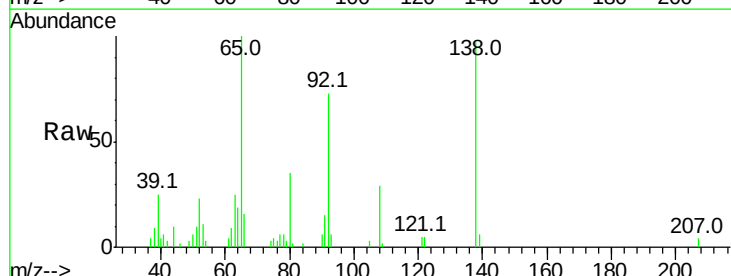
Manual Integrations
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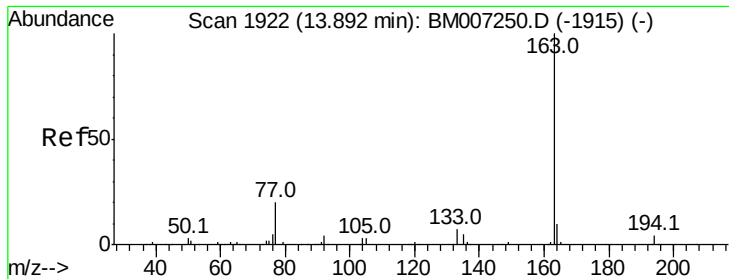
sohil
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#42
2-Nitroaniline
Concen: 1.98 ng/ul
RT: 13.51 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	55.6	83.4
138	97.5	81.3	121.9





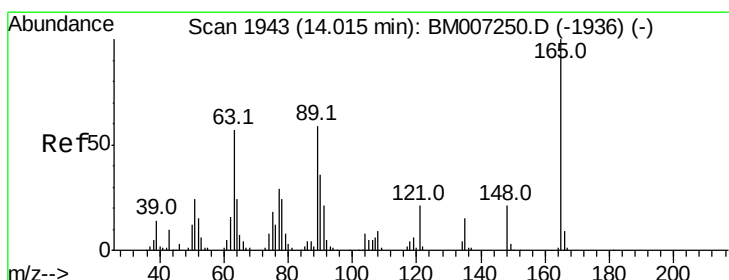
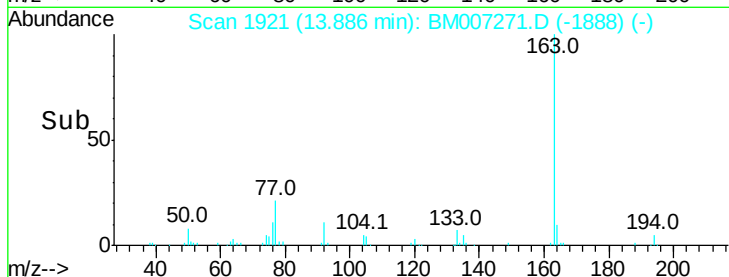
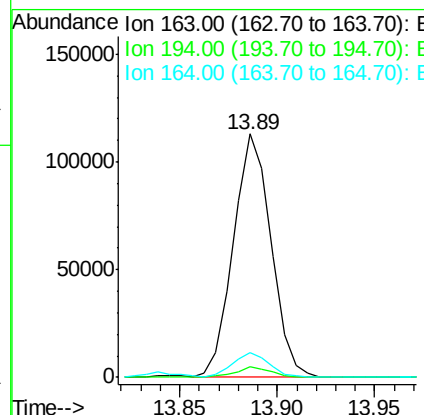
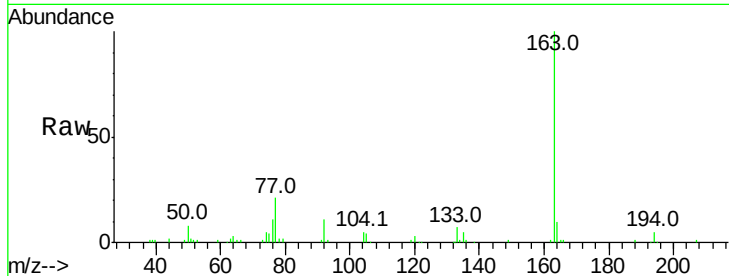
#44
Dimethylphthalate
Concen: 2.43 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tot Ion	Ratio	Resp	Lower	Upper
163	100	151653		
194	4.5		3.4	5.2
164	10.2		7.8	11.8

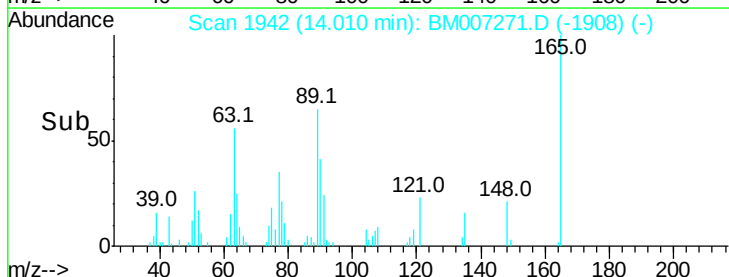
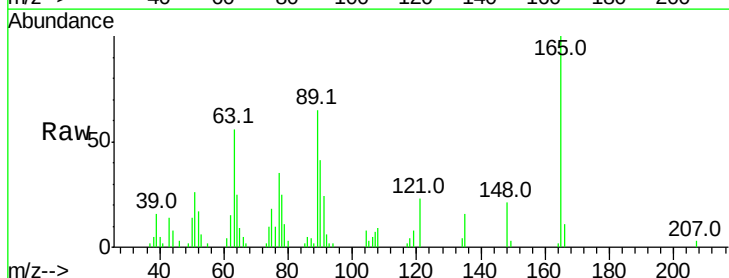
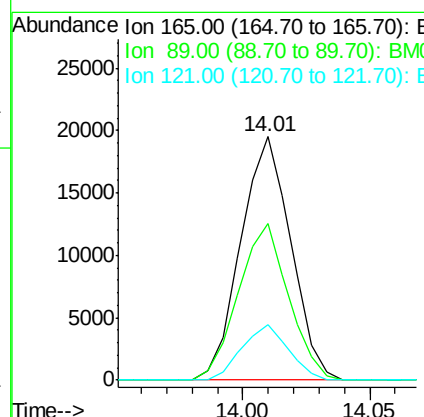
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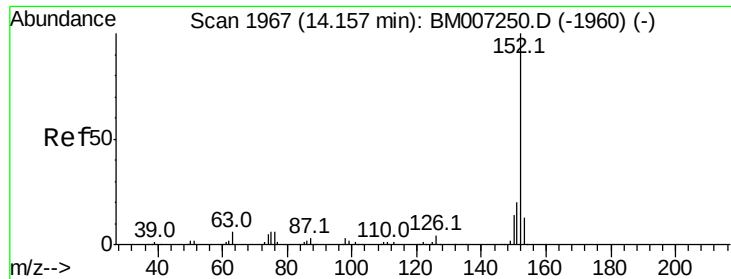
sohil
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#45
2,6-Dinitrotoluene
Concen: 2.11 ng/ul
RT: 14.01 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	26842		
89	64.6		46.6	69.8
121	22.6		16.0	24.0





#47

Acenaphthylene

Concen: 2.32 ng/ul

RT: 14.15 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Instrument :

BNA_M

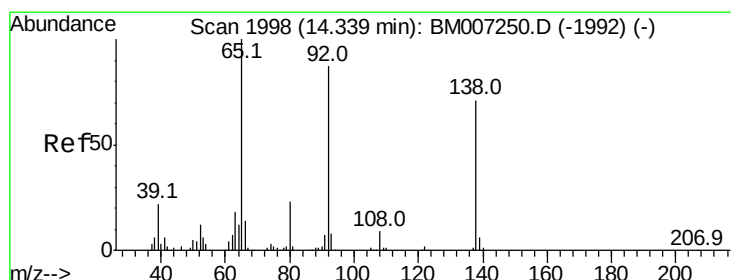
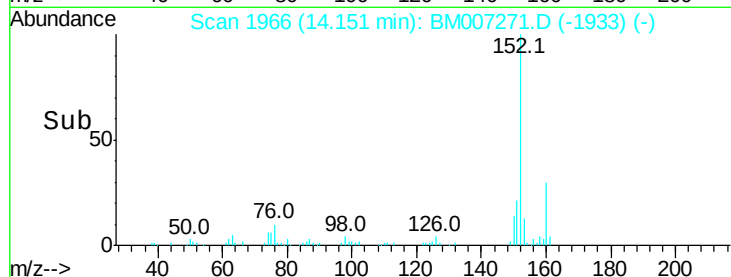
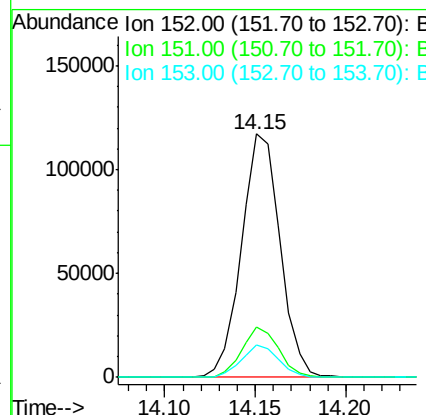
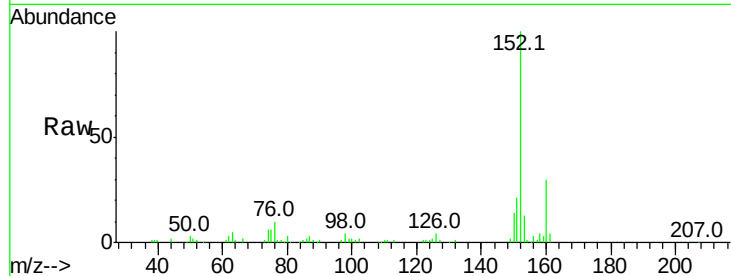
ClientSampleId :

MDL-01-W

Tot Ion:	152	Resp:	173344
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.0	24.0
153	13.1	11.0	16.6

Manual Integrations
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#48

3-Nitroaniline

Concen: 2.10 ng/ul

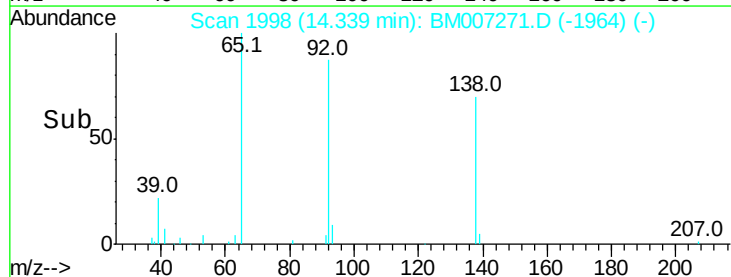
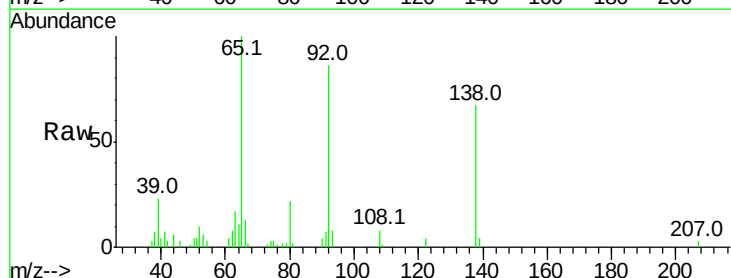
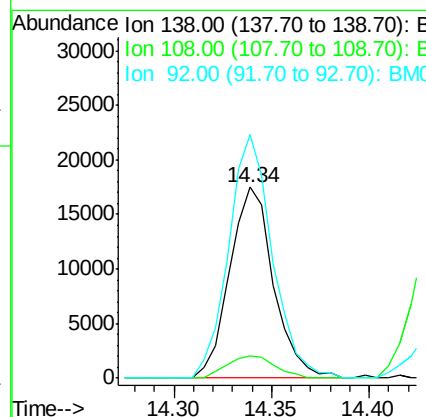
RT: 14.34 min Scan# 1998

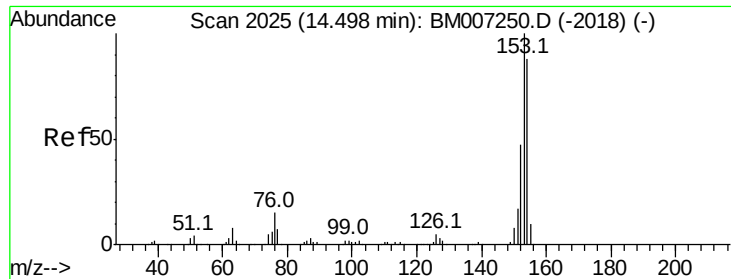
Delta R.T. 0.00 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Tgt Ion:	138	Resp:	27247
Ion Ratio	Lower	Upper	
138	100		
108	11.9	9.4	14.0
92	127.7	96.6	145.0





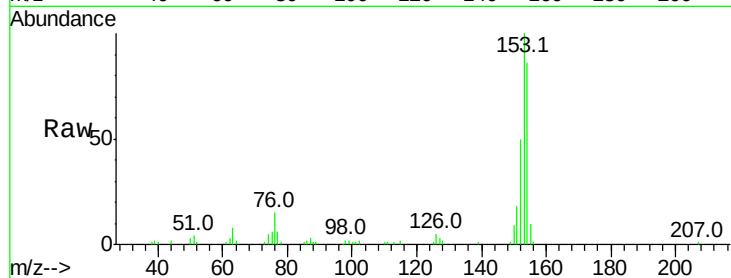
#49
Acenaphthene
Concen: 2.29 ng/ul
RT: 14.50 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Instrument :
BNA_M
ClientSampled :
MDL-01-W

Tot Ion	Ratio	Lower	Upper
153	100		
152	50.0	37.8	56.6
154	85.8	71.4	107.0

Manual Integrations
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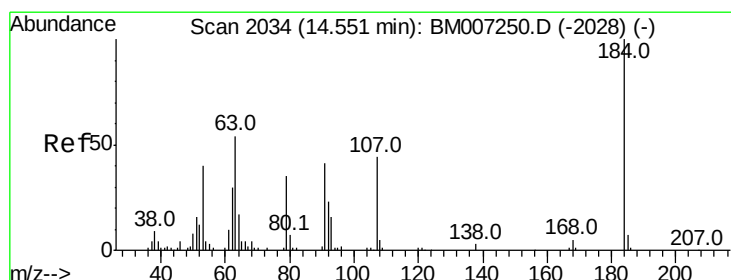
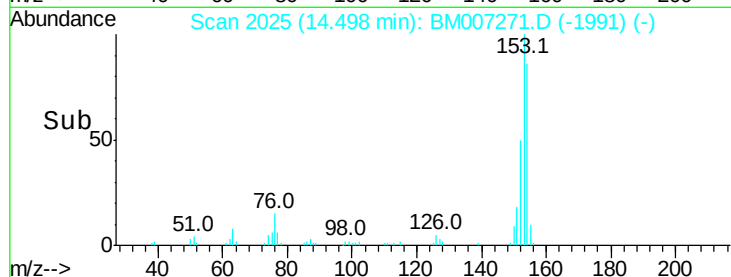
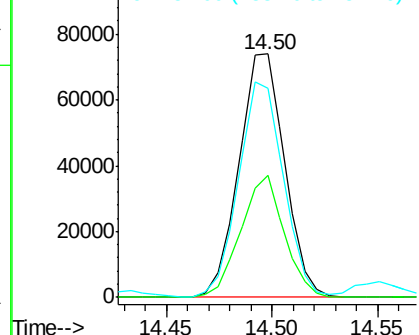


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50
2,4-Dinitrophenol
Concen: 1.37 ng/ul
RT: 14.55 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

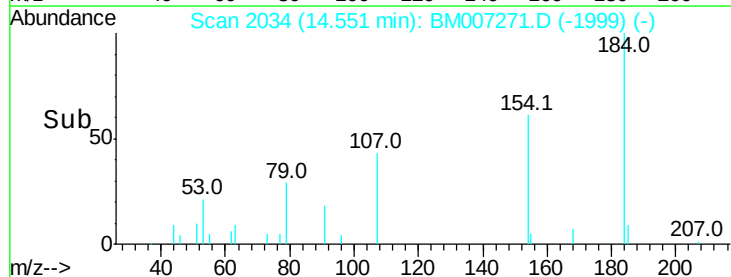
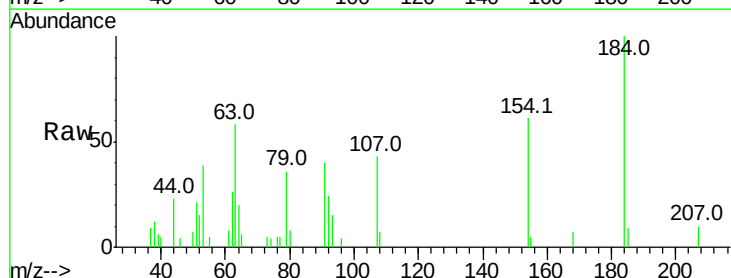
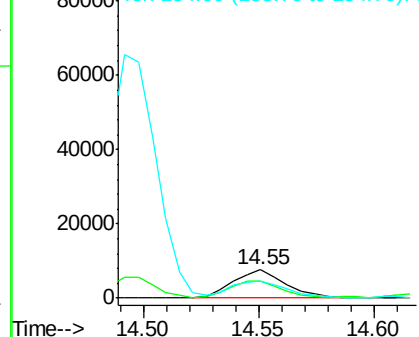
Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.4	43.4	65.0
154	61.1	48.2	72.4

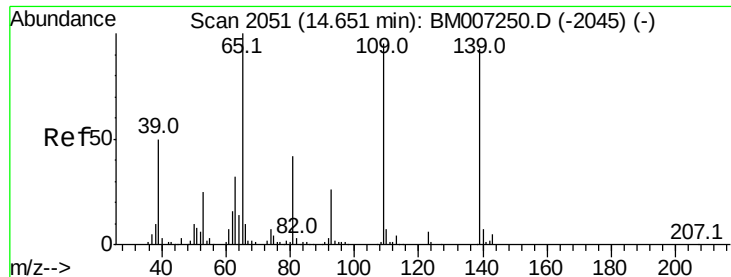
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





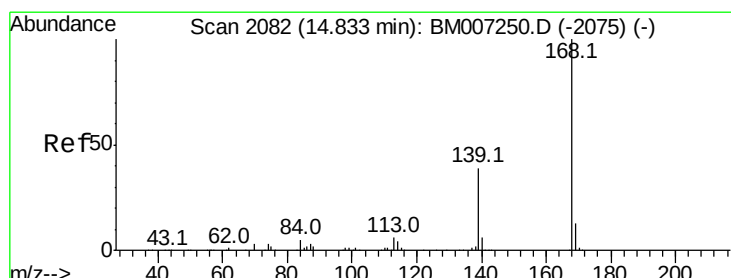
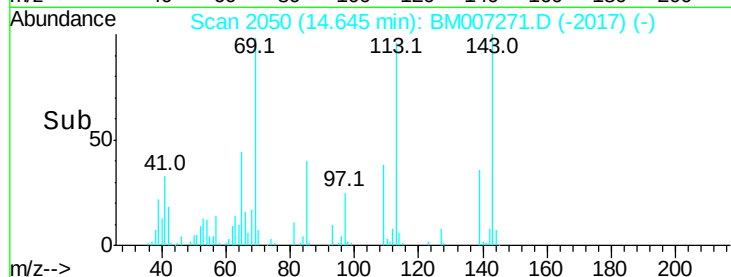
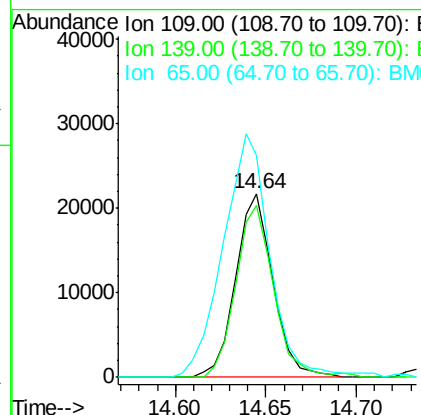
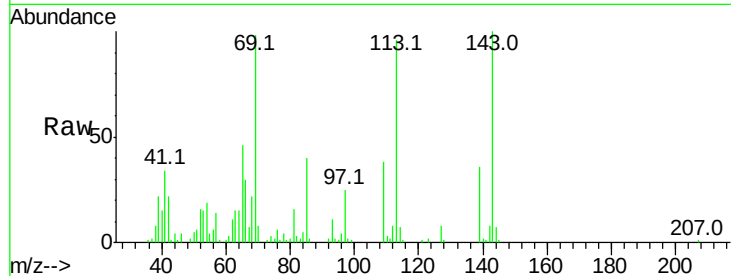
#52
4-Nitrophenol
Concen: 2.48 ng/ul
RT: 14.64 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tot Ion	Ratio	Resp	Lower	Upper
109	100	31158		
139	94.0	88.7	133.1	
65	120.6	96.4	144.6	

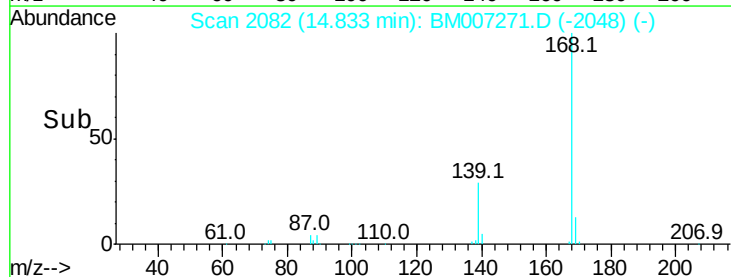
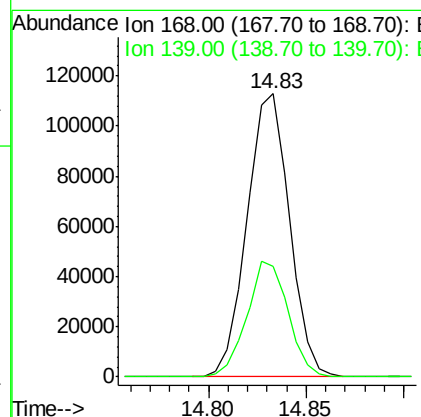
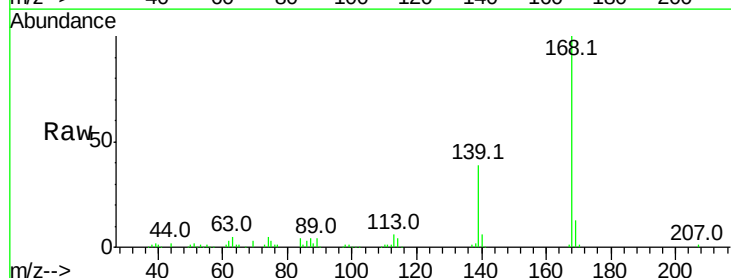
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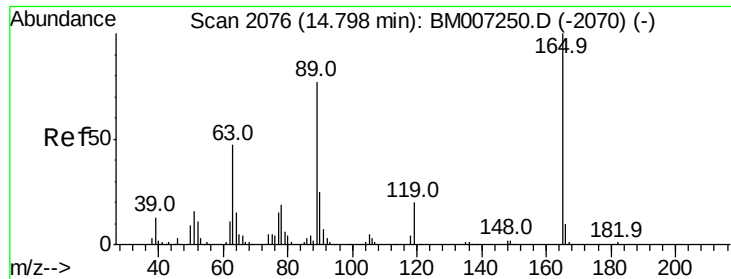
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#53
Dibenzofuran
Concen: 2.34 ng/ul
RT: 14.83 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	170387		
139	39.1	30.1	45.1	





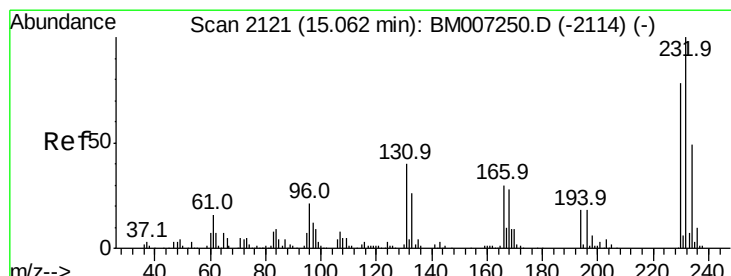
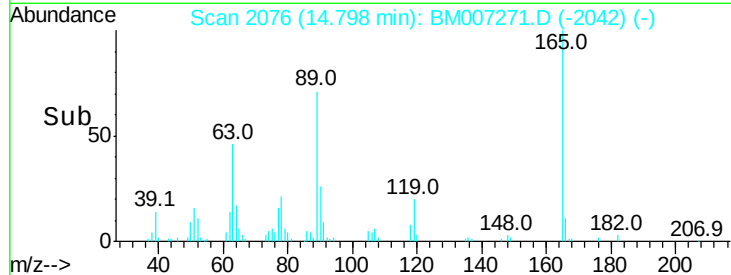
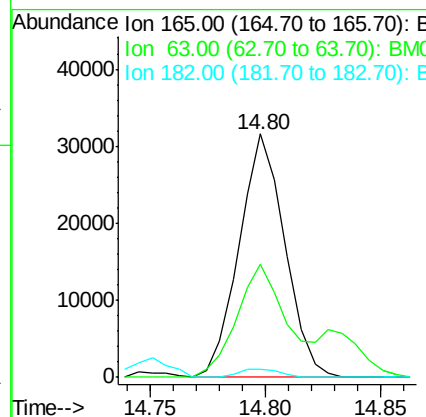
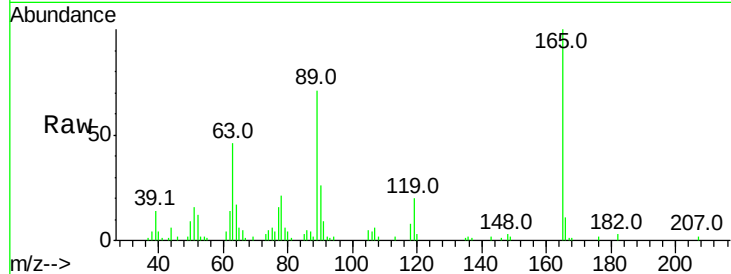
#54
 2,4-Dinitrotoluene
 Concen: 2.23 ng/ul
 RT: 14.80 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-W

Tot Ion:	165	Resp:	43592
Ion Ratio	Lower	Upper	
165	100		
63	46.5	36.2	54.2
182	3.2	2.2	3.4

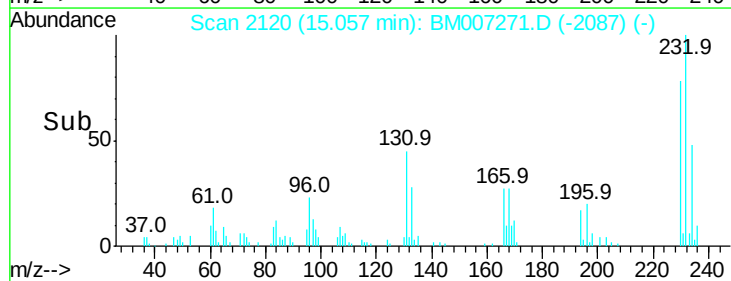
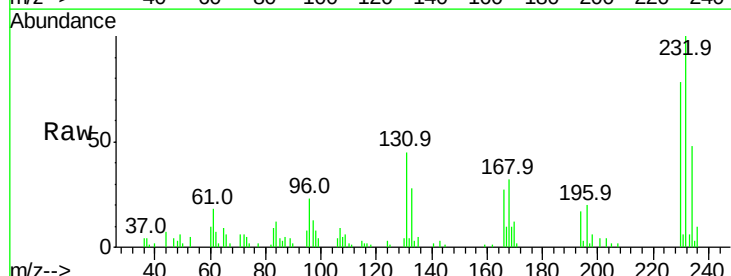
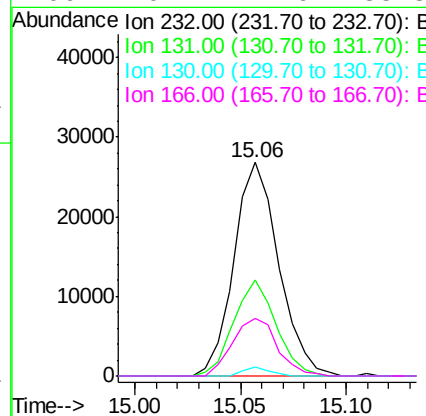
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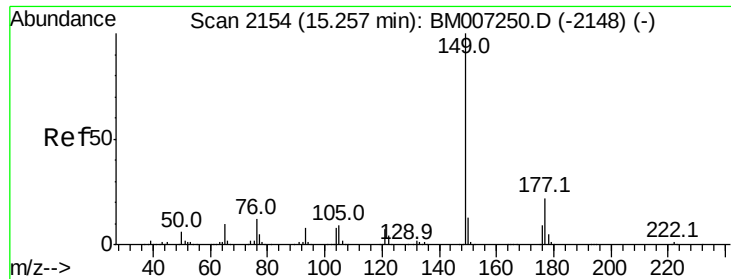
sohil
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.15 ng/ul
 RT: 15.06 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Tgt Ion:	232	Resp:	39311
Ion Ratio	Lower	Upper	
232	100		
131	45.1	31.4	47.0
130	4.0	1.6	2.4
166	26.7	22.6	33.8





#56

Diethylphthalate

Concen: 2.34 ng/ul

RT: 15.26 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Instrument :

BNA_M

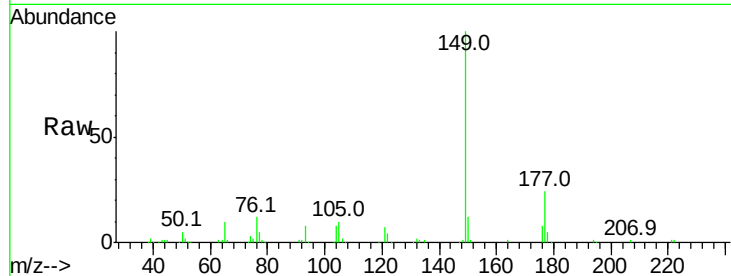
ClientSampleId :

MDL-01-W

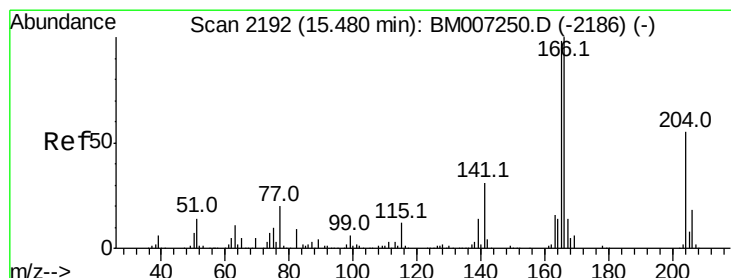
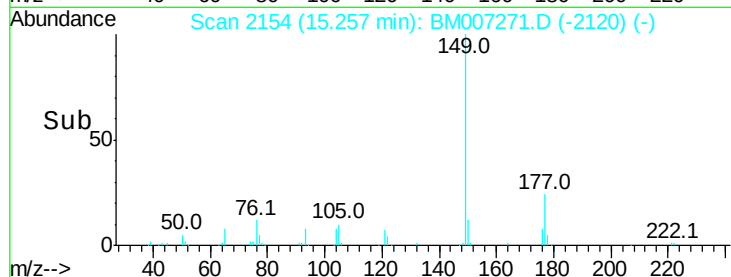
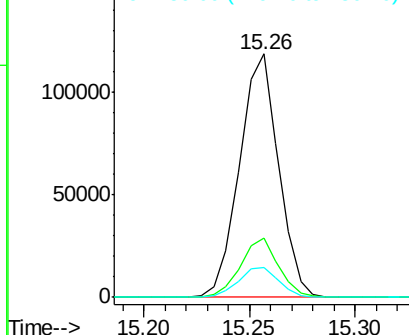
Tot Ion:	149	Resp:	151923
Ion Ratio	Lower	Upper	
149	100		
177	24.2	18.6	28.0
150	12.4	10.0	15.0

Manual Integrations
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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: 2.39 ng/ul

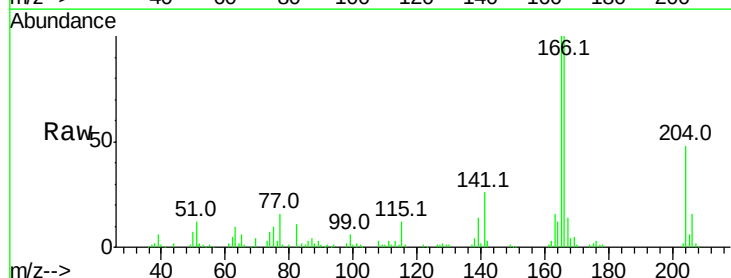
RT: 15.48 min Scan# 2192

Delta R.T. 0.00 min

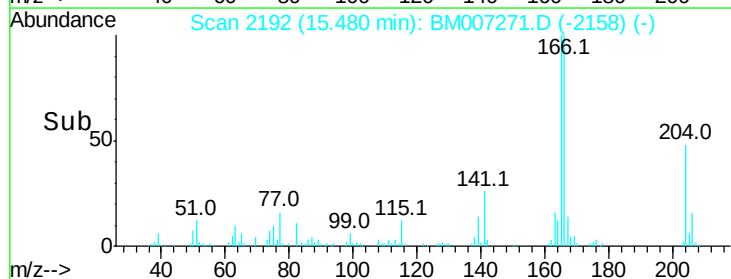
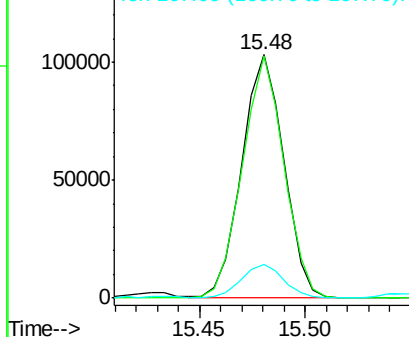
Lab File: BM007271.D

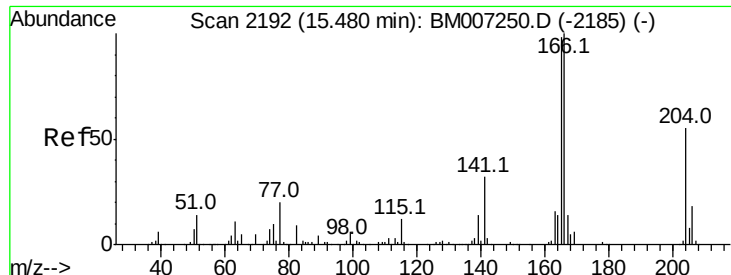
Acq: 24 Aug 2016 02:32

Tgt Ion:	166	Resp:	142890
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.9	119.9
167	13.7	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





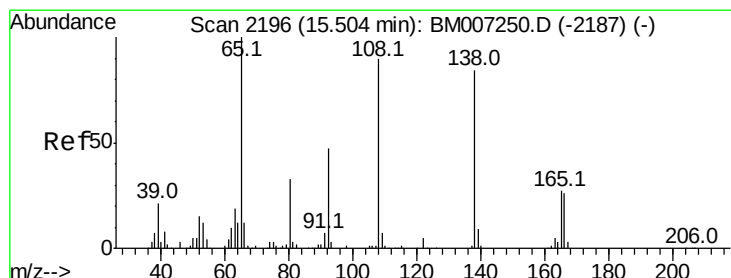
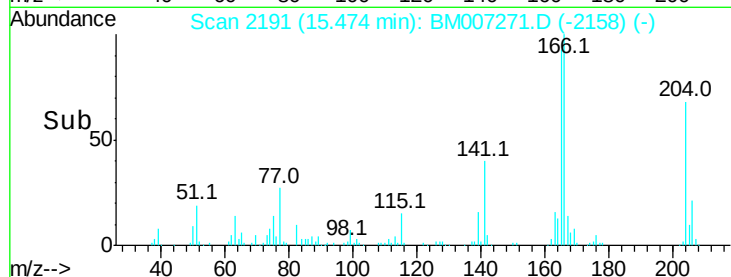
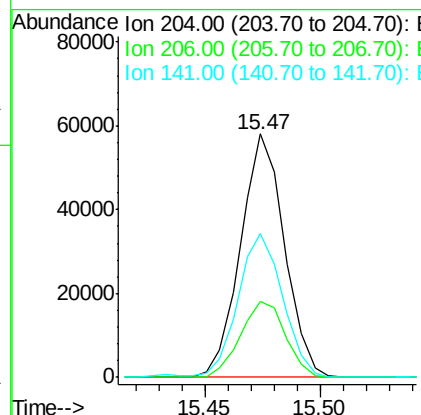
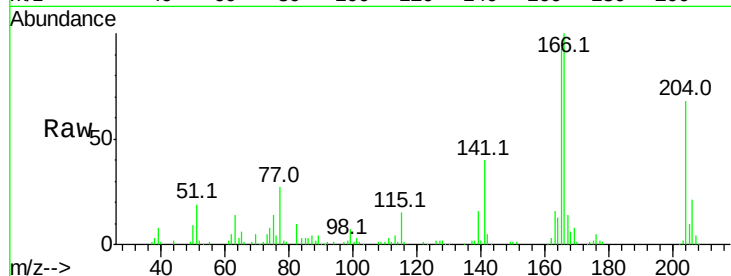
#59
 4-Chlorophenyl-phenylether
 Concen: 2.45 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-W

Tot Ion	Ratio	Resp	Lower	Upper
204	100	76754		
206	31.4	25.9	38.9	
141	58.8	46.1	69.1	

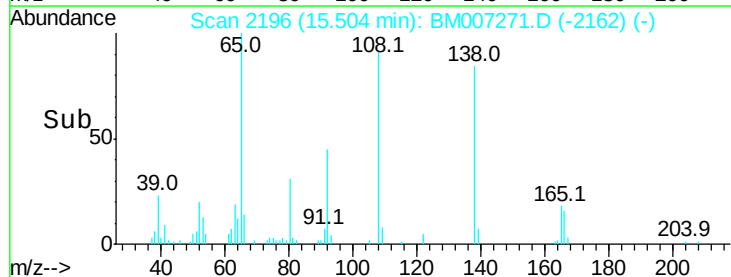
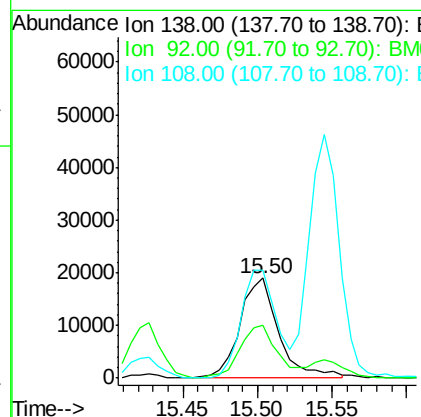
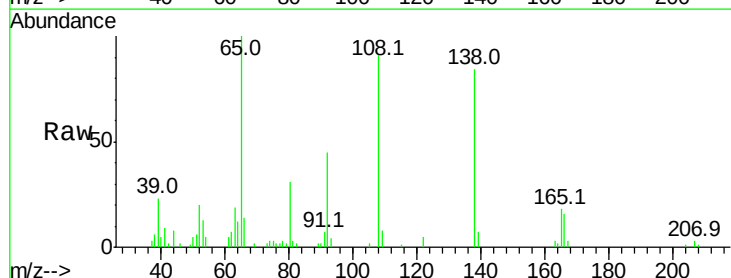
Manual Integrations
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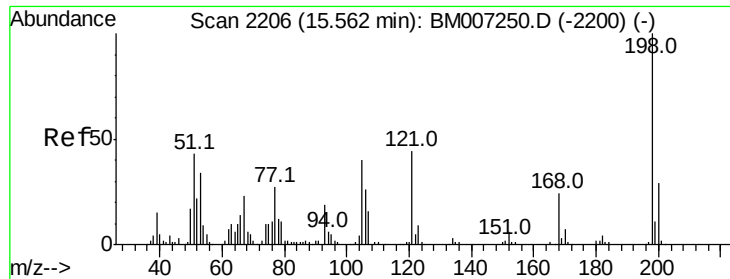
sohil
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#60
 4-Nitroaniline
 Concen: 2.33 ng/ul
 RT: 15.50 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	34319		
92	53.3	43.5	65.3	
108	108.5	80.3	120.5	





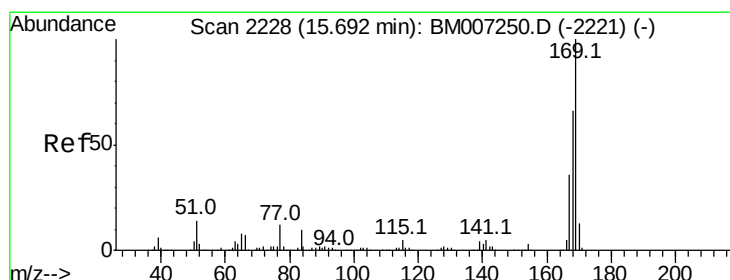
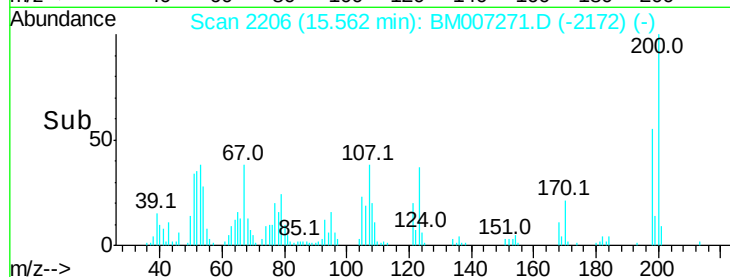
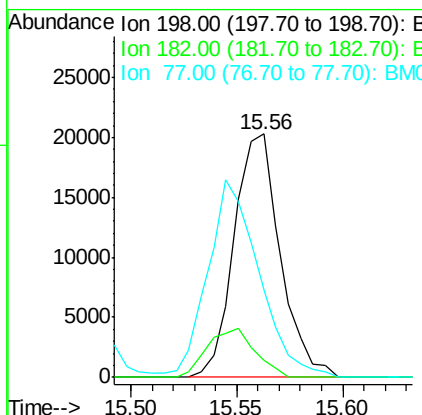
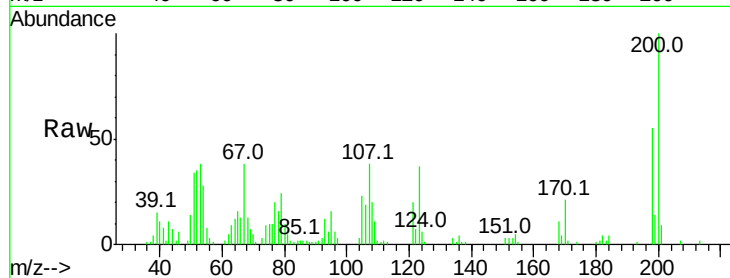
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.31 ng/ul
 RT: 15.56 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-W

Tot Ion	Ratio	Resp	Lower	Upper
198	100	30721		
182	7.0	3.3	4.9#	
77	35.7	21.8	32.6#	

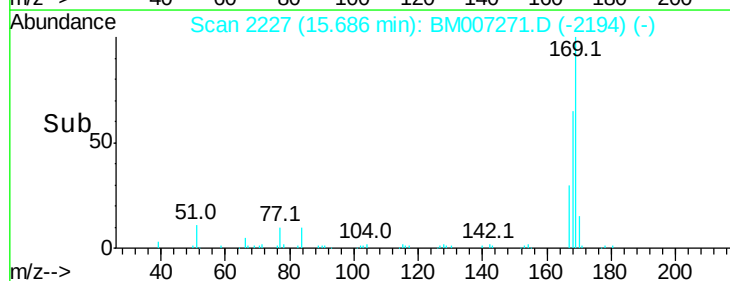
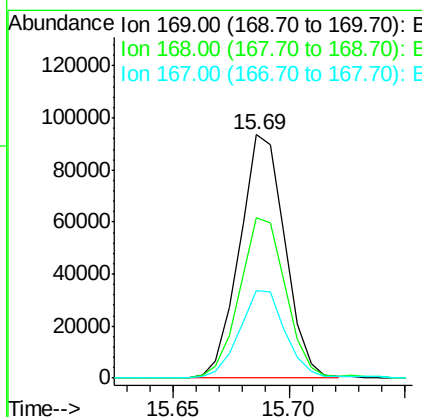
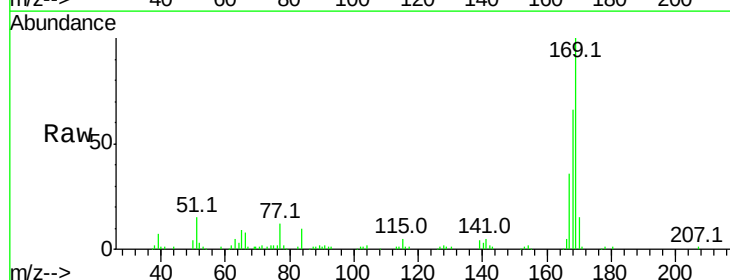
Manual Integrations
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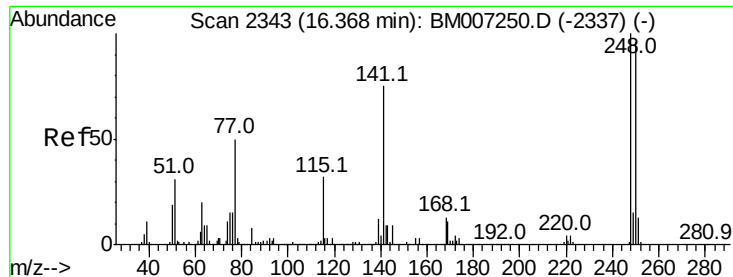
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#64
 N-Nitrosodiphenylamine
 Concen: 2.32 ng/ul
 RT: 15.69 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	128333		
168	65.9	52.6	79.0	
167	35.8	28.6	43.0	





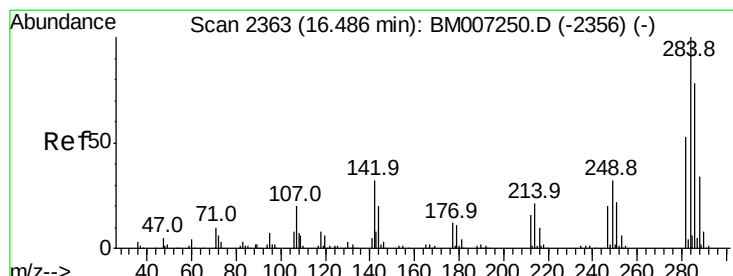
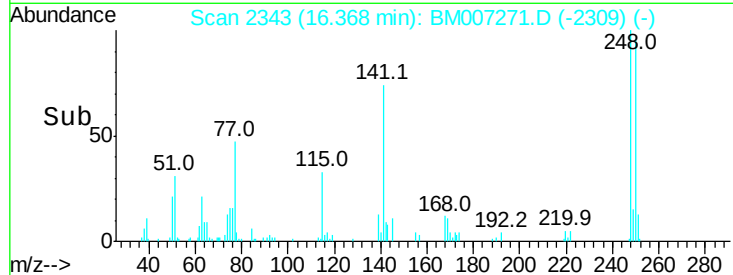
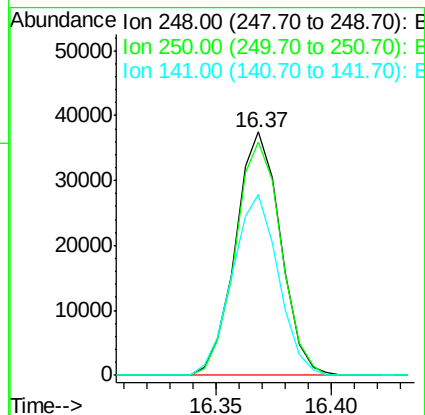
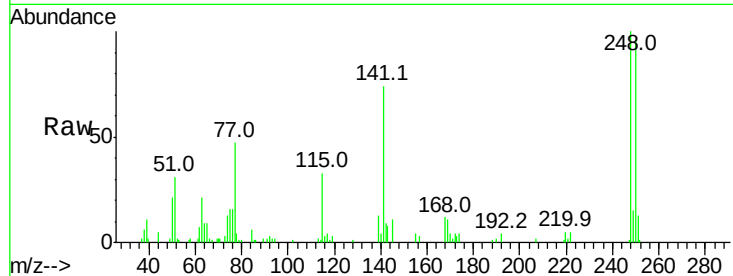
#65
 4-Bromophenyl-phenylether
 Concen: 2.29 ng/ul
 RT: 16.37 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-W

Tot Ion:	248	Resp:	51137
Ion Ratio	Lower	Upper	
248	100		
250	96.1	79.7	119.5
141	74.2	58.3	87.5

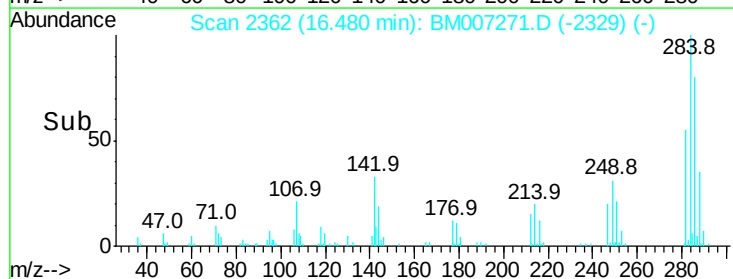
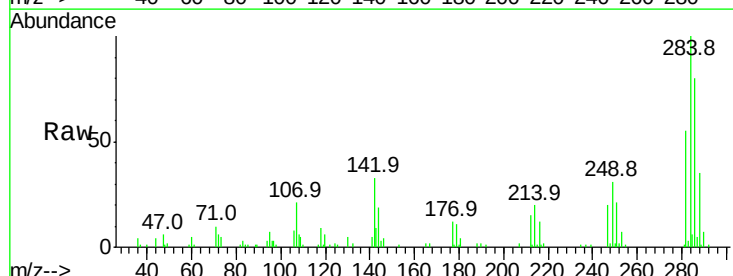
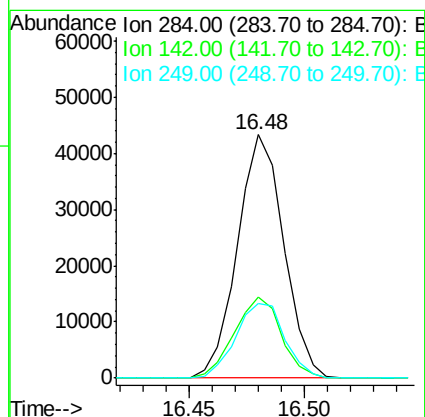
Manual Integrations
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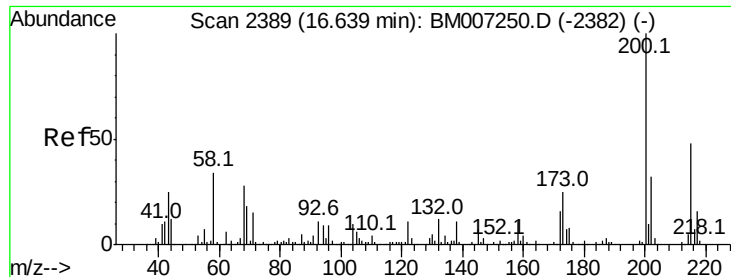
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#66
 Hexachlorobenzene
 Concen: 2.42 ng/ul
 RT: 16.48 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Tgt Ion:	284	Resp:	60696
Ion Ratio	Lower	Upper	
284	100		
142	33.4	24.9	37.3
249	30.8	25.5	38.3





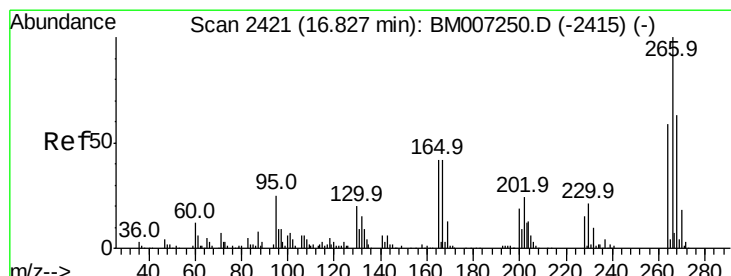
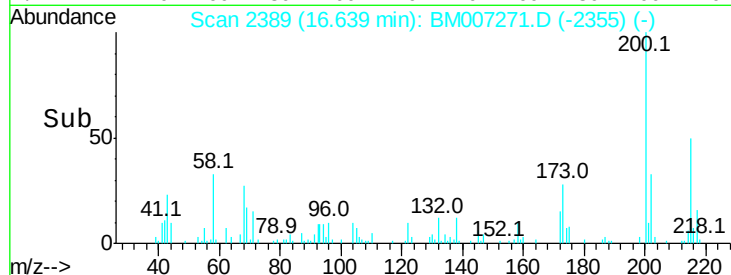
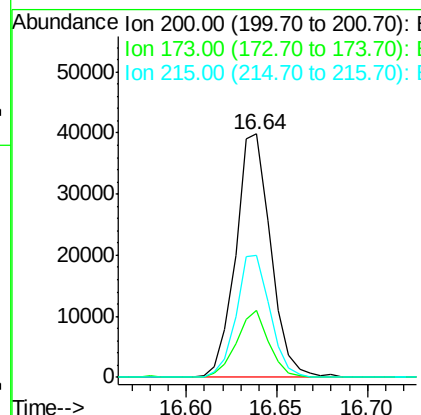
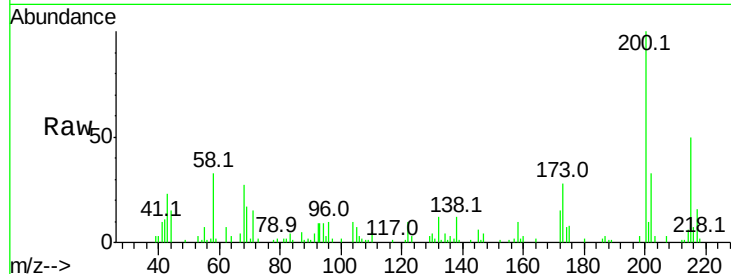
#67
 Atrazine
 Concen: 2.29 ng/ul
 RT: 16.64 min Scan# 2389
 Delta R.T. 0.00 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-W

Tot Ion:	200	Resp:	53564
Ion Ratio	Lower	Upper	
200	100		
173	27.7	18.9	28.3
215	50.1	39.5	59.3

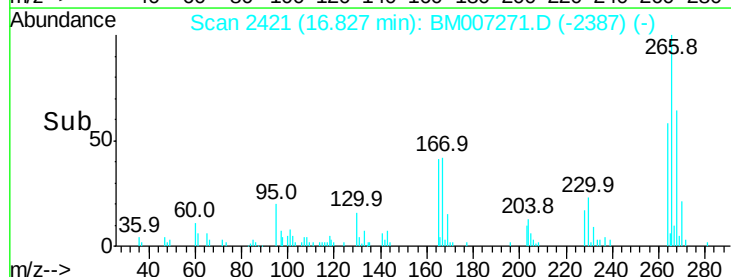
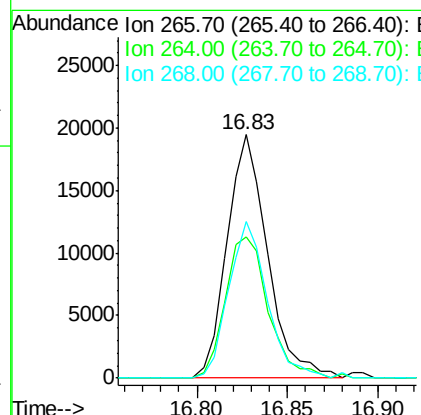
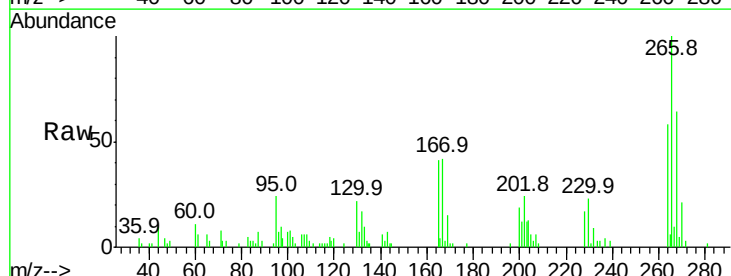
Manual Integrations
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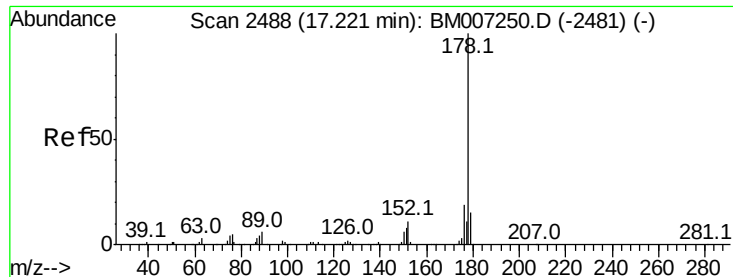
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#68
 Pentachlorophenol
 Concen: 1.87 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Tgt Ion:	266	Resp:	30235
Ion Ratio	Lower	Upper	
266	100		
264	57.9	50.6	75.8
268	64.1	51.0	76.6





#69

Phenanthrene

Concen: 2.37 ng/ul

RT: 17.22 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Instrument :

BNA_M

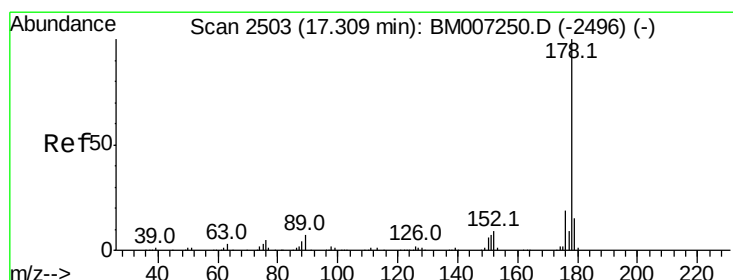
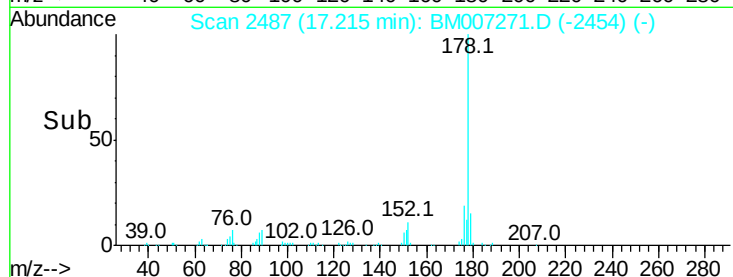
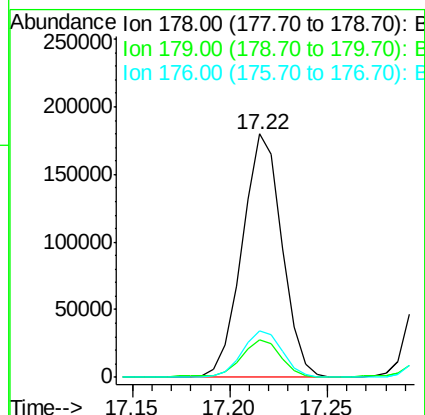
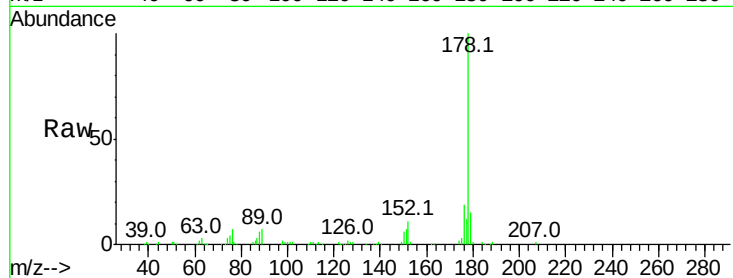
ClientSampleId :

MDL-01-W

Tot Ion:178	Resp:	252629
Ion Ratio	Lower	Upper
178	100	
179	15.3	12.2 18.2
176	19.3	15.1 22.7

Manual Integrations
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#71

Anthracene

Concen: 2.40 ng/ul

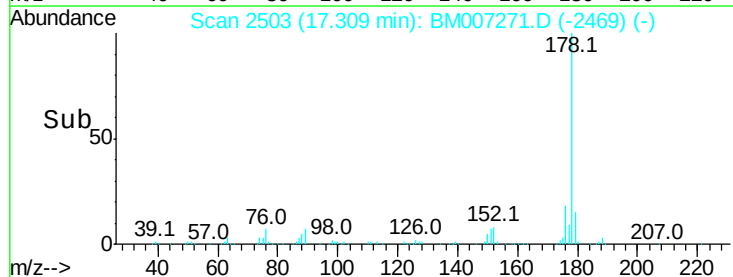
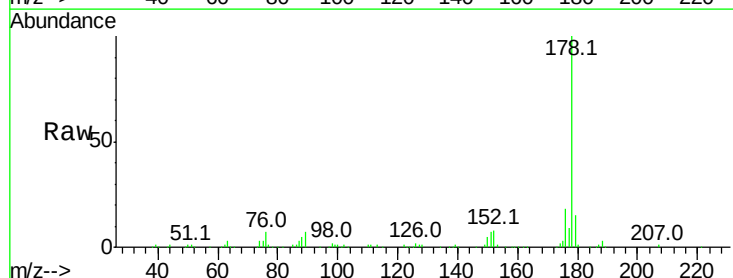
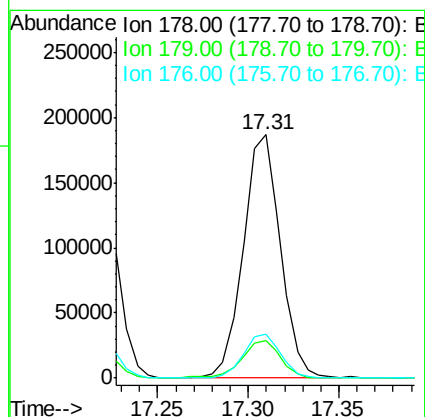
RT: 17.31 min Scan# 2503

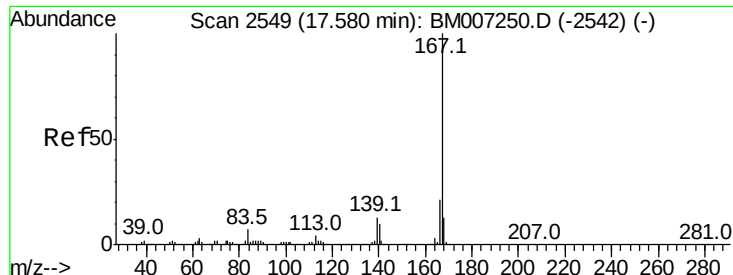
Delta R.T. 0.00 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Tgt Ion:178	Resp:	263325
Ion Ratio	Lower	Upper
178	100	
179	15.3	12.1 18.1
176	18.1	14.5 21.7





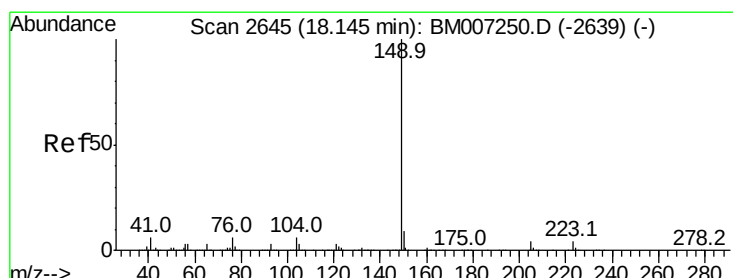
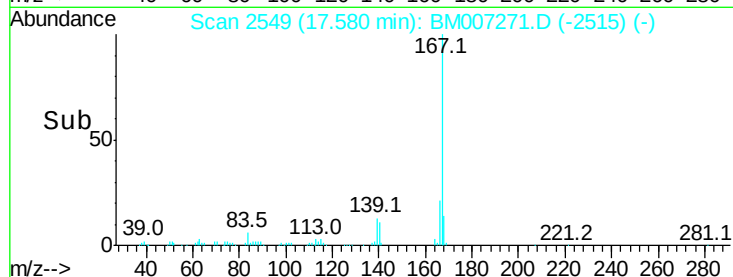
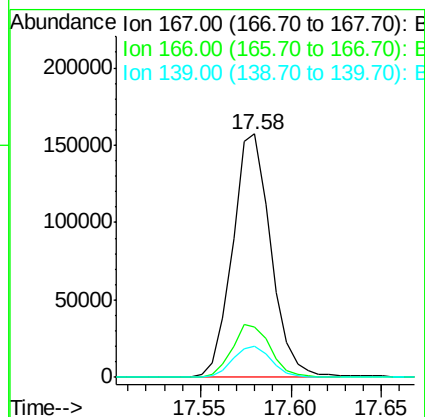
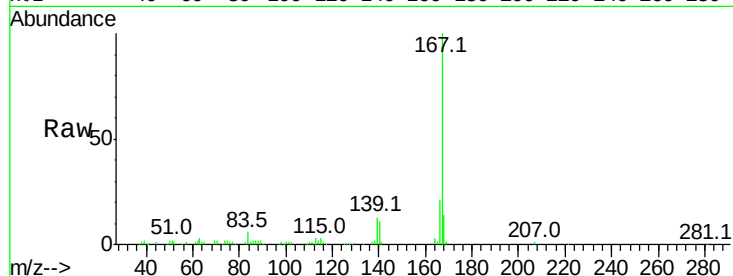
#72
 Carbazole
 Concen: 2.42 ng/ul
 RT: 17.58 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-W

Tot Ion:	167	Resp:	230941
Ion Ratio	Lower	Upper	
167	100		
166	20.9	16.6	25.0
139	12.7	10.2	15.4

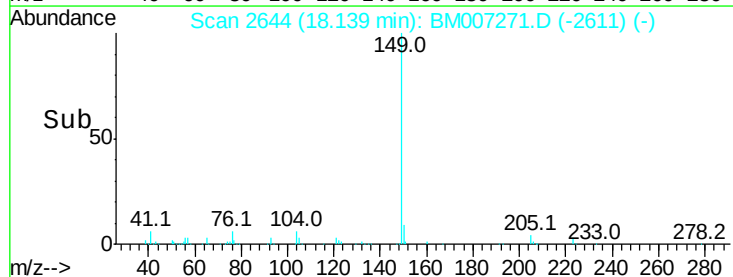
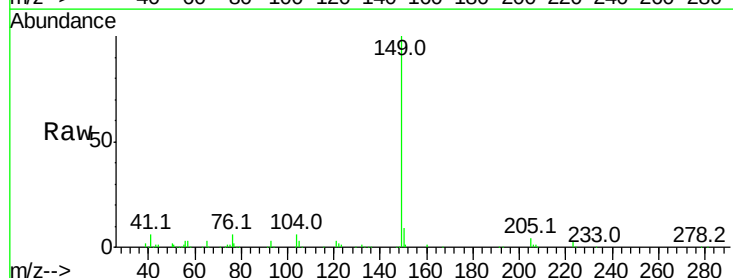
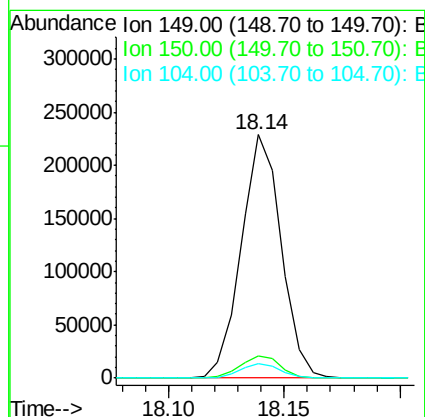
Manual Integrations
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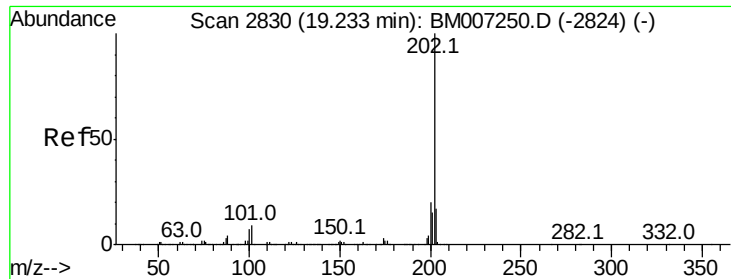
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#73
 Di-n-butylphthalate
 Concen: 2.30 ng/ul
 RT: 18.14 min Scan# 2644
 Delta R.T. -0.01 min
 Lab File: BM007271.D
 Acq: 24 Aug 2016 02:32

Tgt Ion:	149	Resp:	276723
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.6	11.4
104	6.0	4.6	7.0





#74

Fluoranthene

Concen: 2.54 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Instrument :

BNA_M

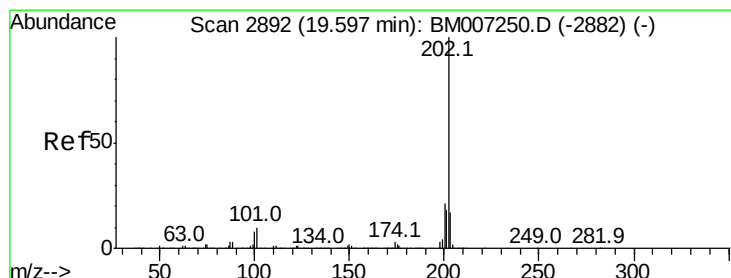
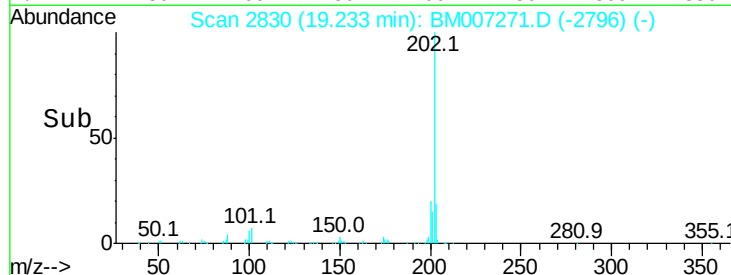
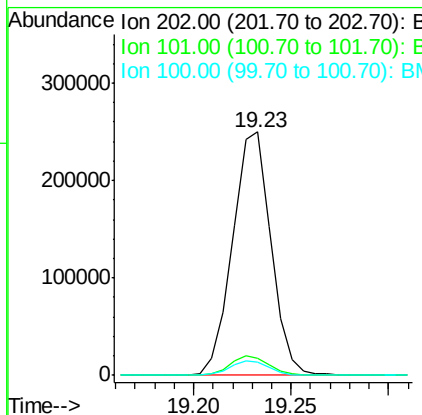
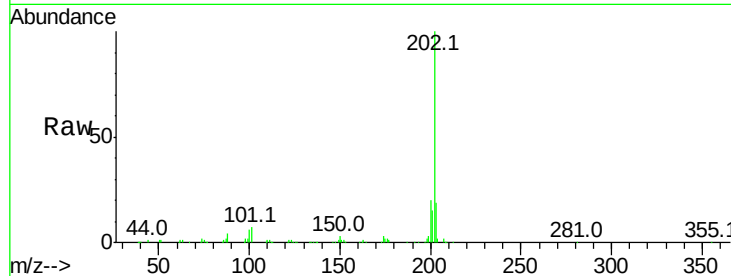
ClientSampleId :

MDL-01-W

Tot Ion:	202	Resp:	339144
Ion Ratio	Lower	Upper	
202	100		
101	7.1	6.9	10.3
100	5.6	5.4	8.0

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#77

Pyrene

Concen: 2.43 ng/ul

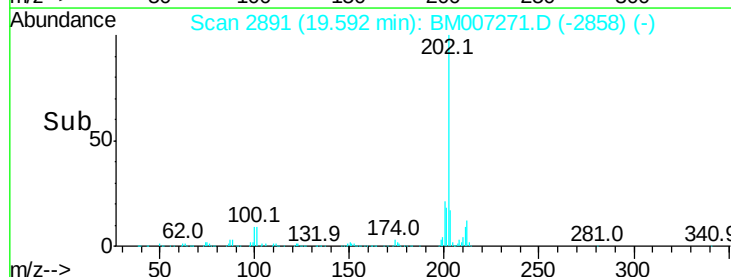
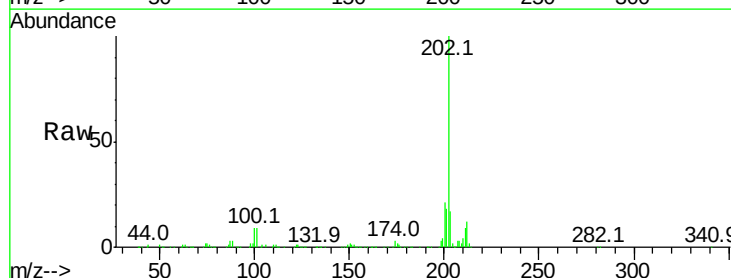
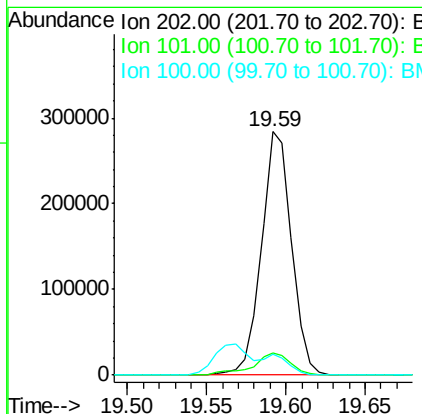
RT: 19.59 min Scan# 2891

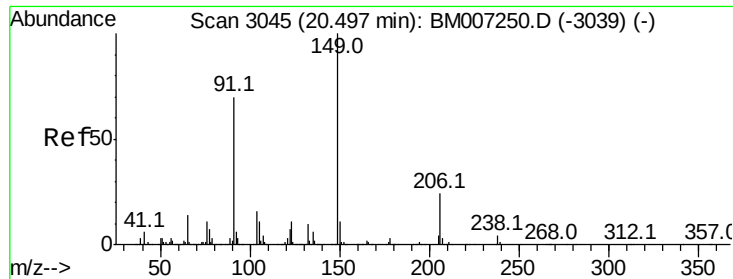
Delta R.T. -0.01 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Tgt Ion:	202	Resp:	377718
Ion Ratio	Lower	Upper	
202	100		
101	9.2	8.4	12.6
100	8.5	6.9	10.3





#78

Butylbenzylphthalate

Concen: 1.99 ng/ul

RT: 20.49 min Scan# 3044

Delta R.T. -0.01 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Instrument :

BNA_M

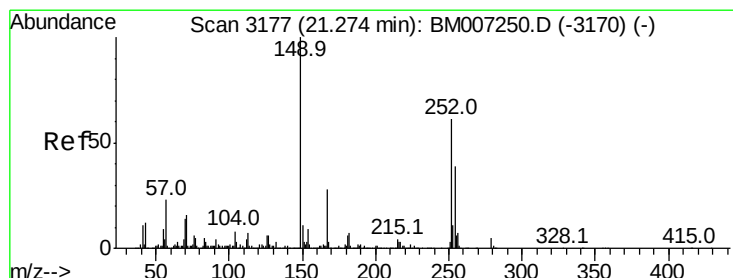
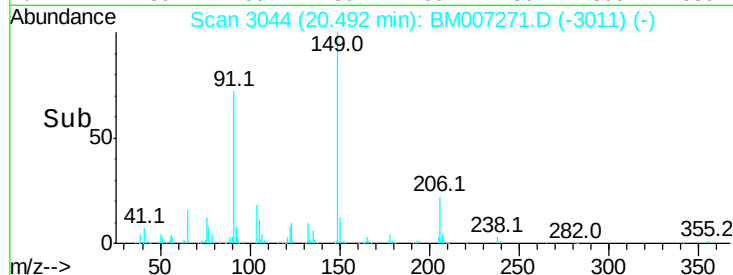
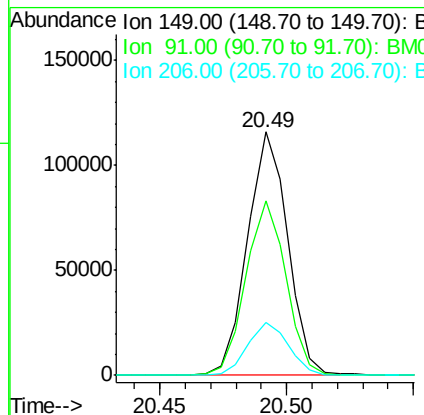
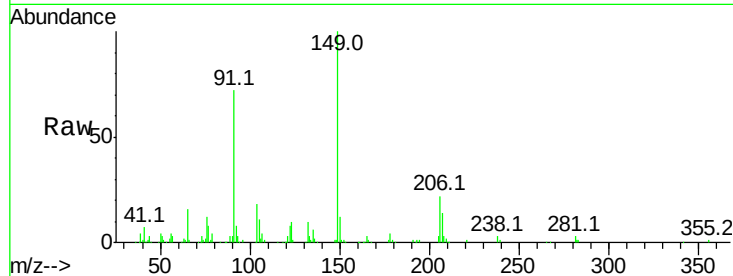
ClientSampled :

MDL-01-W

Tot Ion:	149	Resp:	128546
Ion Ratio	Lower	Upper	
149	100		
91	71.7	57.3	85.9
206	21.9	18.6	27.8

Manual Integrations
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#79

3,3'-Dichlorobenzidine

Concen: 2.46 ng/ul

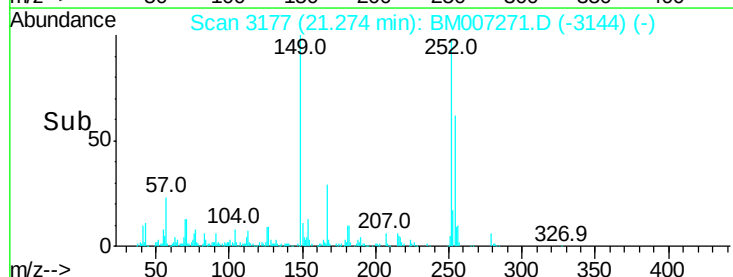
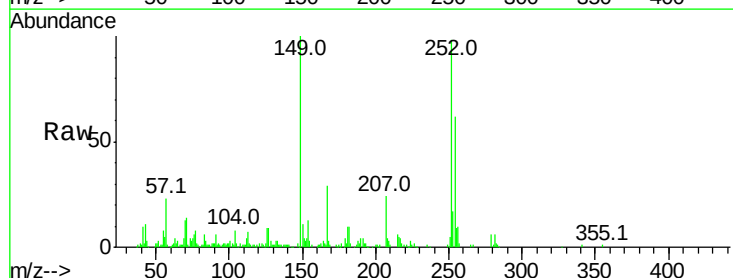
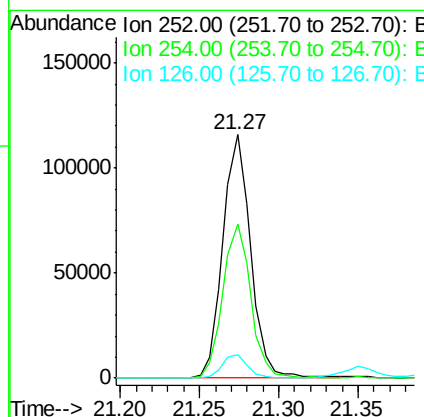
RT: 21.27 min Scan# 3177

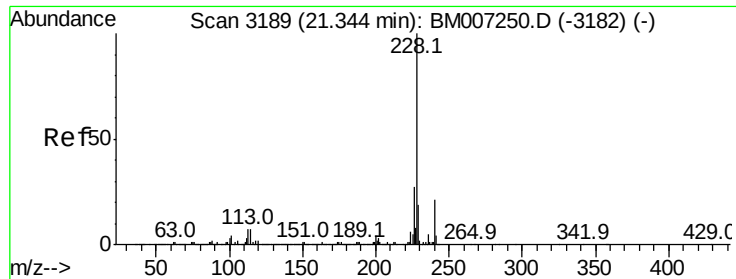
Delta R.T. -0.01 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Tgt Ion:	252	Resp:	141382
Ion Ratio	Lower	Upper	
252	100		
254	63.0	51.0	76.4
126	9.6	7.1	10.7





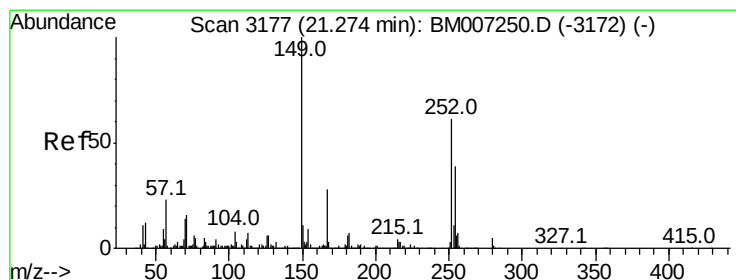
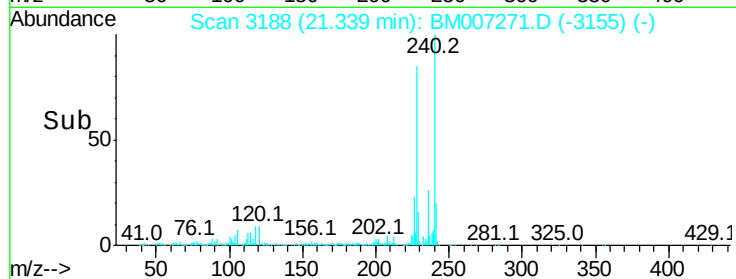
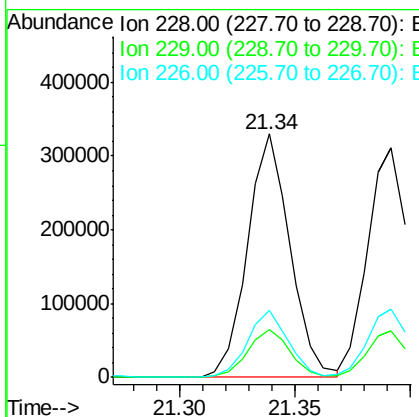
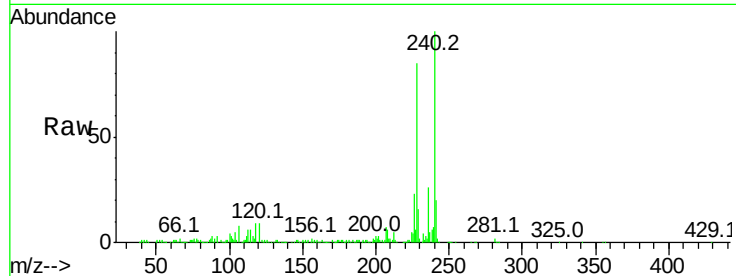
#80
Benzo(a)anthracene
Concen: 2.48 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.6	23.4
226	27.4	21.8	32.8

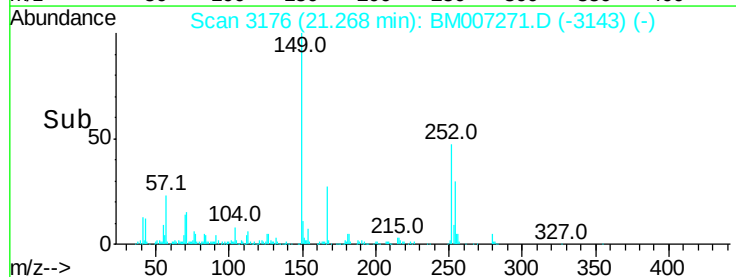
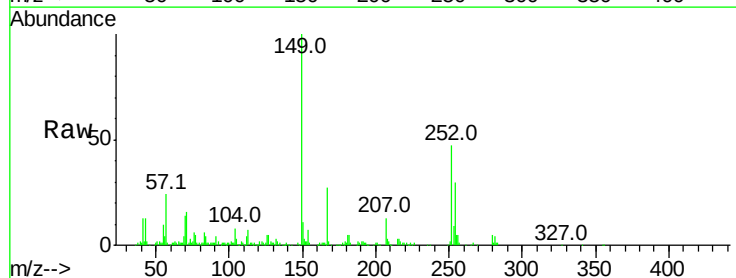
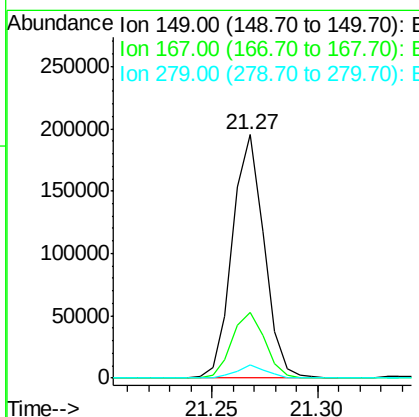
Manual Integrations
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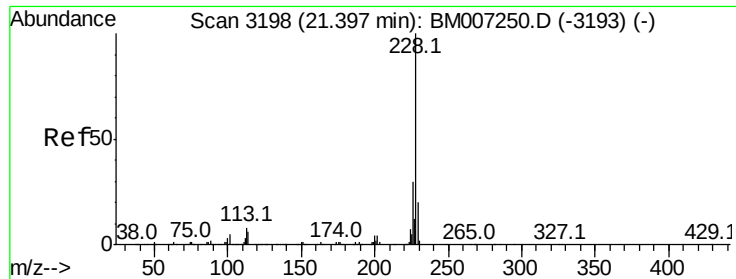
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#81
Bis(2-ethylhexyl)phthalate
Concen: 2.15 ng/ul
RT: 21.27 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	23.2	34.8
279	5.3	4.1	6.1





#82

Chrysene

Concen: 2.48 ng/ul

RT: 21.39 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Instrument :

BNA_M

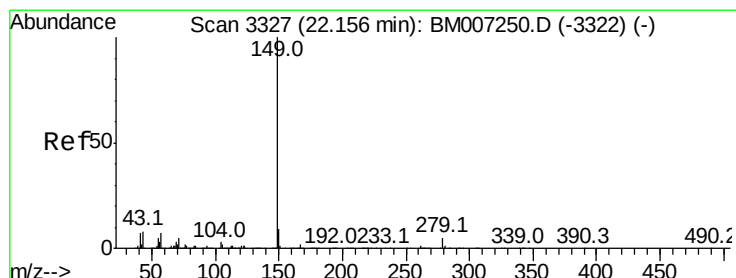
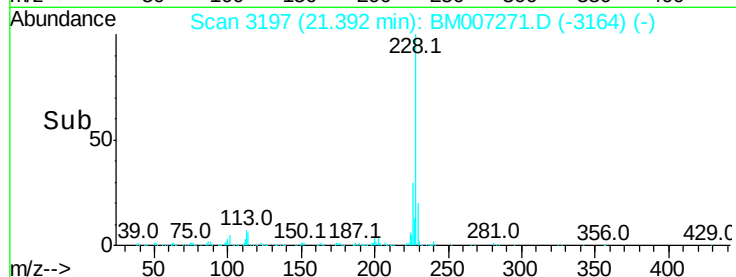
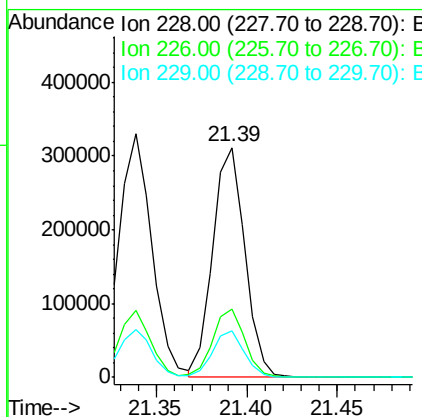
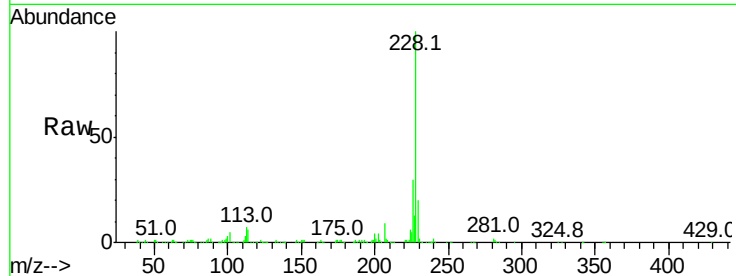
ClientSampled :

MDL-01-W

Tot Ion:	228	Resp:	383805
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.4	35.2
229	20.0	15.5	23.3

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 2.26 ng/ul

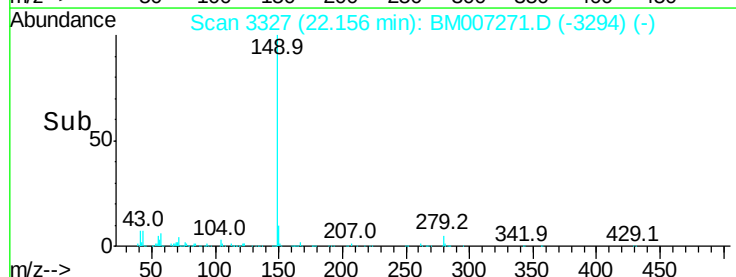
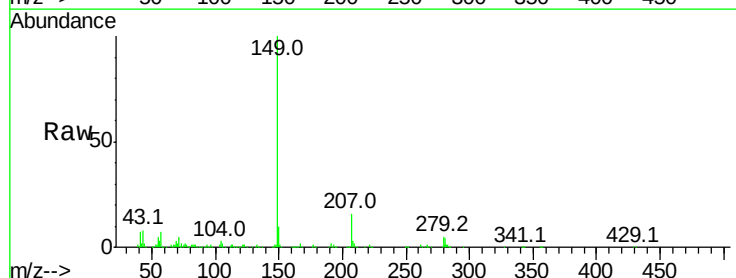
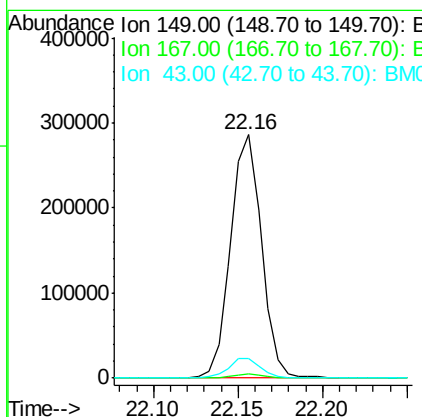
RT: 22.16 min Scan# 3327

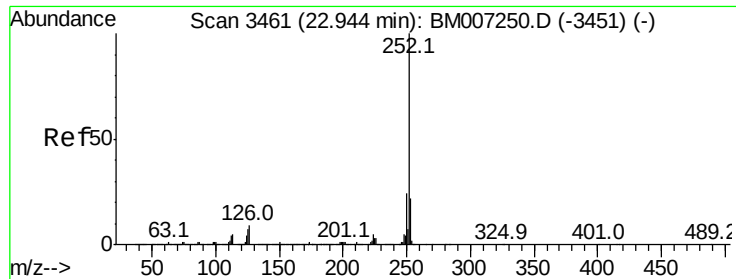
Delta R.T. -0.01 min

Lab File: BM007271.D

Acq: 24 Aug 2016 02:32

Tgt Ion:	149	Resp:	361072
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	8.1	6.6	10.0





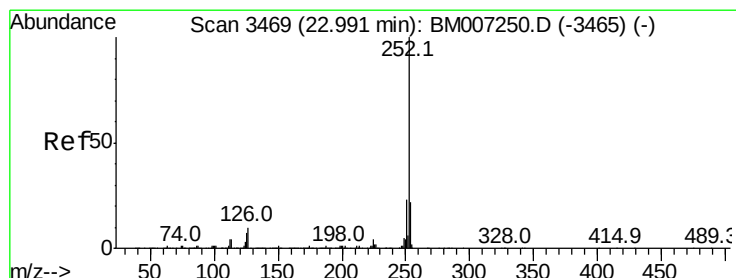
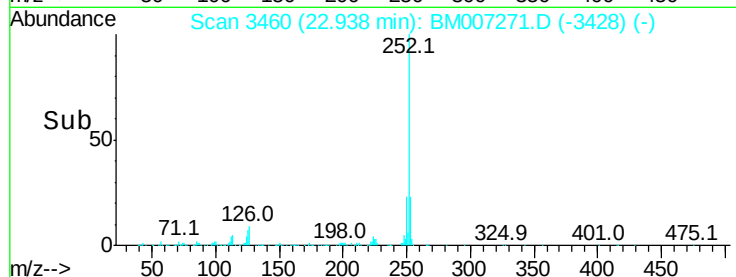
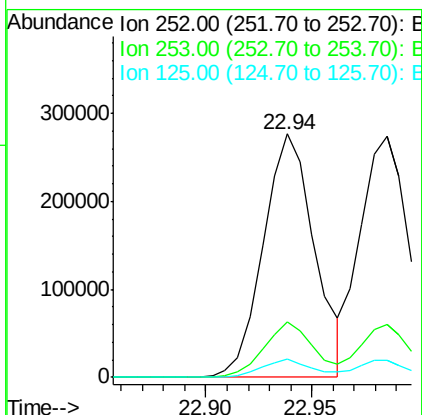
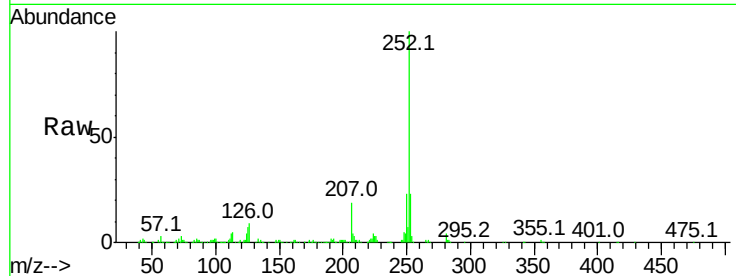
#85
Benzo(b)fluoranthene
Concen: 2.46 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	7.4	5.8	8.8

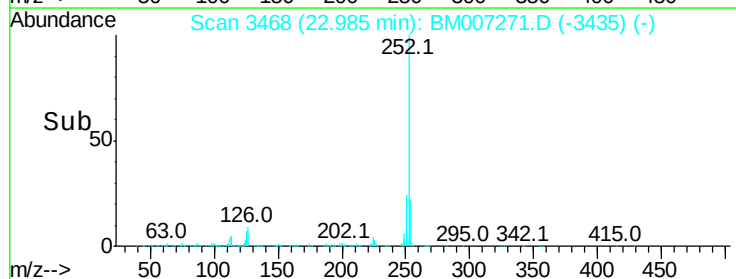
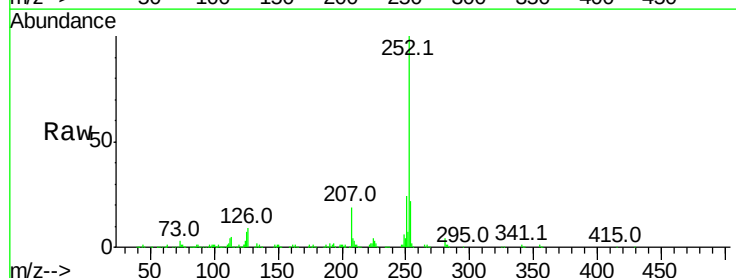
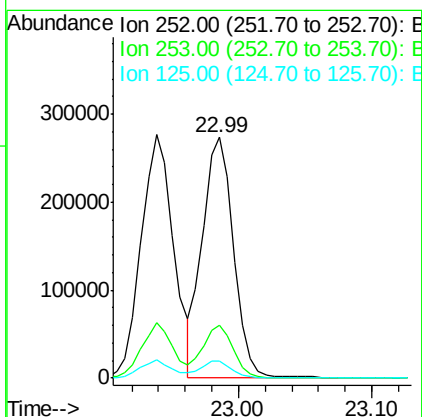
Manual Integrations
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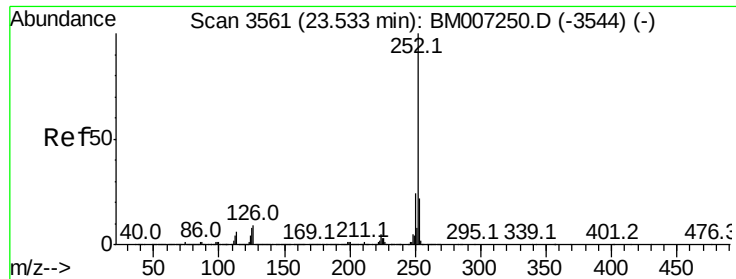
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#86
Benzo(k)fluoranthene
Concen: 2.53 ng/ul
RT: 22.99 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	6.9	5.7	8.5





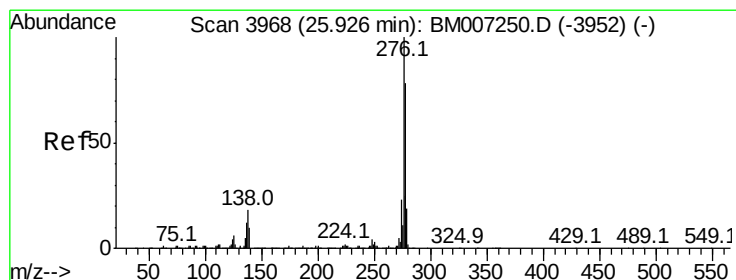
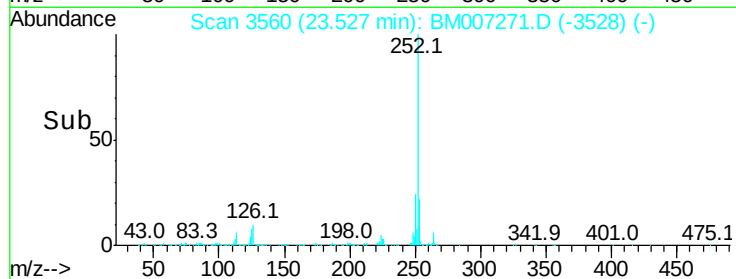
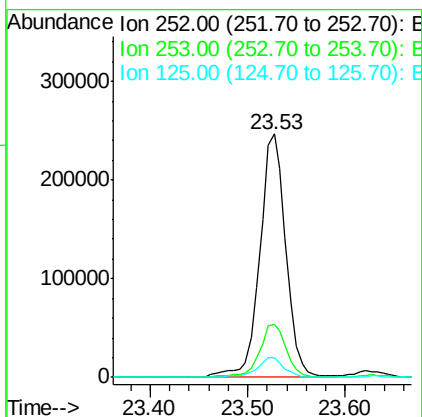
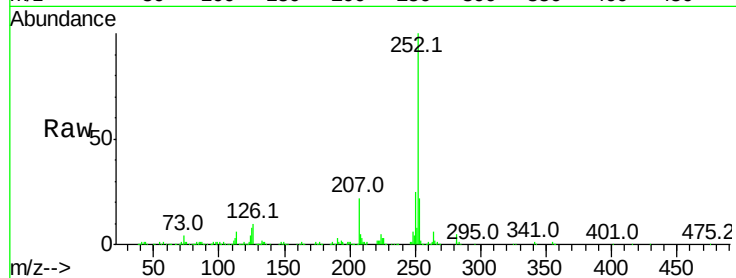
#88
Benzo(a)pyrene
Concen: 2.55 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tot Ion:	252	Resp:	462977
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.7	26.5
125	7.9	6.6	9.8

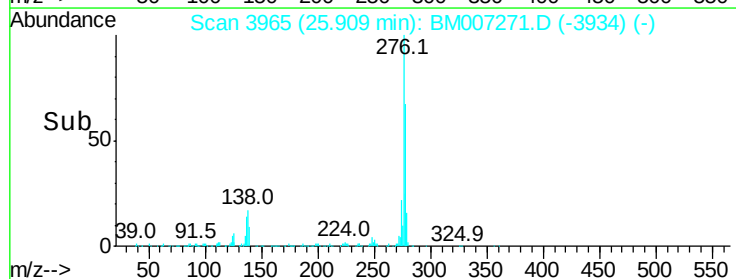
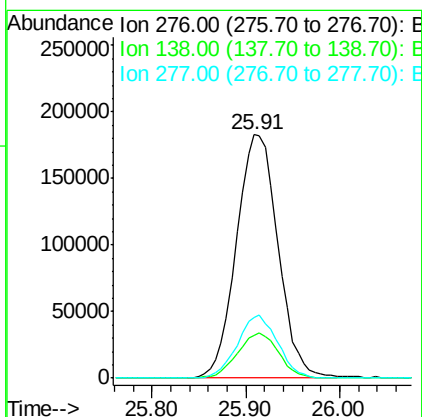
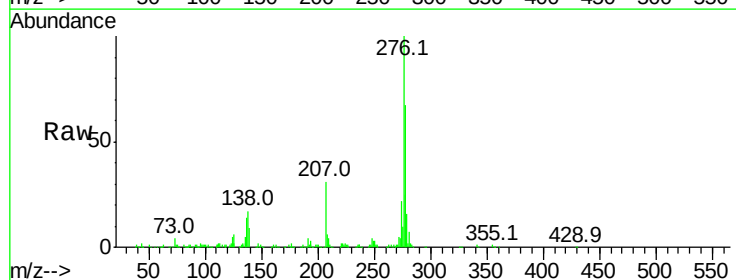
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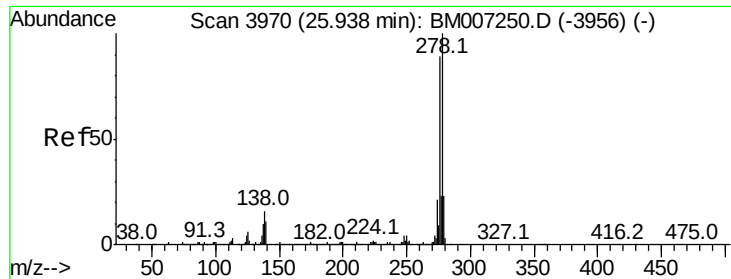
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.52 ng/ul
RT: 25.91 min Scan# 3965
Delta R.T. -0.02 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Tgt Ion:	276	Resp:	561122
Ion Ratio	Lower	Upper	
276	100		
138	17.4	13.9	20.9
277	25.1	20.1	30.1





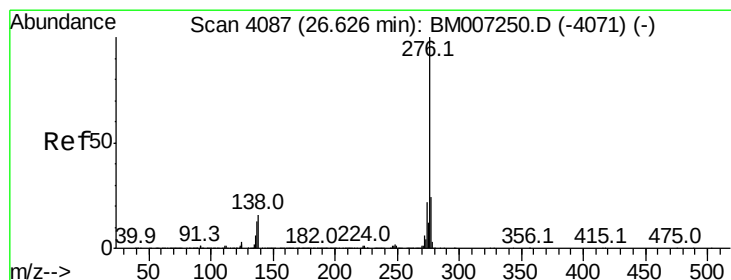
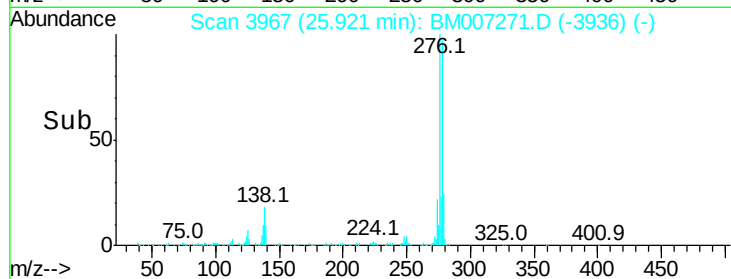
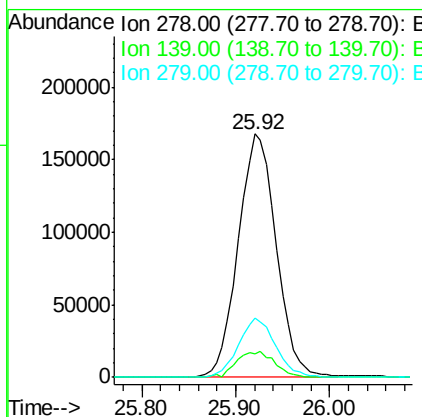
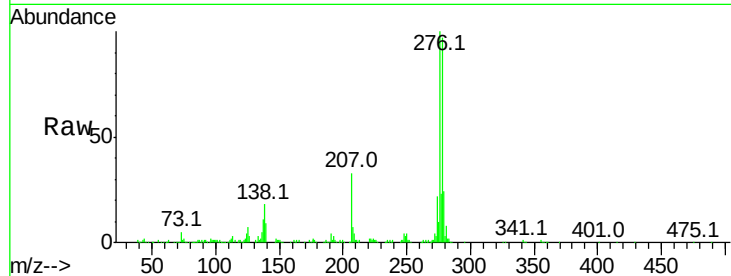
#90
Dibenzo(a,h)anthracene
Concen: 2.54 ng/ul
RT: 25.92 min Scan# 3967
Delta R.T. -0.02 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.7	9.5	14.3
279	24.4	19.1	28.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.49 ng/ul
RT: 26.61 min Scan# 4085
Delta R.T. -0.02 min
Lab File: BM007271.D
Acq: 24 Aug 2016 02:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	13.5	20.3
277	23.5	19.3	28.9

