

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
 Data File : BM007278.D
 Acq On : 24 Aug 2016 12:16
 Operator : UM/SJ
 Sample : MDL-03-W
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 MDL-03-W

Manual Integrations
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Quant Time: Aug 24 14:03:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 24 13:51:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	166446	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	843314	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	633133	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1745993	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2641098	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2985690	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	8672	2.66	ng/uL	0.00
5) Phenol-d5	6.97	99	387437	24.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	228209	27.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	301294	25.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	351981	25.67	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	167186	27.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	198431	27.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	358607	24.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	522465	29.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1668885	30.55	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1780460	28.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	304361	29.52	ng/ul	0.00
57) Fluorene-d10	15.43	176	1382388	29.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	307320	27.99	ng/ul	0.00
70) Anthracene-d10	17.27	188	2403602	29.47	ng/ul	0.00
76) Pyrene-d10	19.57	212	3120368	28.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3927713	28.56	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	2794m	0.77	ng/ul
4) Benzaldehyde	6.95	77	23675	2.64	ng/ul
6) Phenol	6.99	94	32412	1.99	ng/ul#
8) Bis(2-Chloroethyl)ether	7.23	93	26028	2.29	ng/ul
10) 2-Chlorophenol	7.37	128	23762	2.00	ng/ul
11) 2-Methylphenol	8.24	108	24554	1.93	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.33	45	28226	2.21	ng/ul#
14) Acetophenone	8.62	105	47169	2.24	ng/ul
15) N-Nitroso-di-n-propylamine	8.60	70	25181	2.25	ng/ul
16) 4-Methylphenol	8.56	108	28731	2.01	ng/ul
17) Hexachloroethane	8.87	117	9519	2.06	ng/ul
20) Nitrobenzene	9.00	77	36233	2.28	ng/ul
21) Isophorone	9.52	82	71164	2.20	ng/ul
23) 2-Nitrophenol	9.70	139	17092	2.17	ng/ul#
24) 2,4-Dimethylphenol	9.76	107	36175	2.09	ng/ul
25) Bis(2-Chloroethoxy)methane	10.00	93	38919	2.13	ng/ul
27) 2,4-Dichlorophenol	10.23	162	29806	2.08	ng/ul
28) Naphthalene	10.63	128	88620	2.11	ng/ul
30) 4-Chloroaniline	10.75	127	41246	2.23	ng/ul#
31) Hexachlorobutadiene	10.92	225	21075	2.18	ng/ul
32) Caprolactam	11.54	113	12375m	2.15	ng/ul
33) 4-Chloro-3-methylphenol	11.87	107	35694	2.02	ng/ul
34) 2-Methylnaphthalene	12.25	142	75080	2.19	ng/ul

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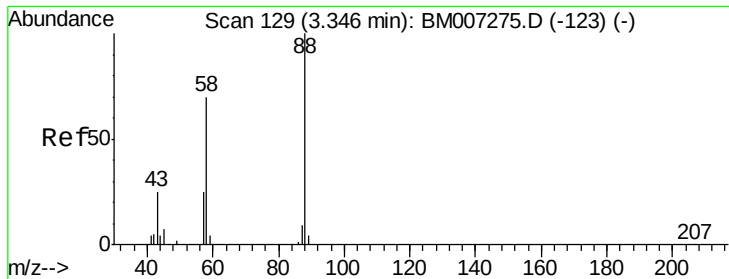
Manual Integrations
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Quant Time: Aug 24 14:03:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	46718	2.22	ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	19657	1.55	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	28655	1.92	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	29138	1.87	ng/ul	92
40) 1,1'-Biphenyl	13.26	154	109005	2.22	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	83908	2.18	ng/ul	97
42) 2-Nitroaniline	13.51	65	23918	1.90	ng/ul	99
44) Dimethylphthalate	13.89	163	132996	2.44	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	23638	2.13	ng/ul	93
47) Acenaphthylene	14.15	152	144194	2.21	ng/ul	99
48) 3-Nitroaniline	14.34	138	24055	2.12	ng/ul	99
49) Acenaphthene	14.49	153	95747	2.26	ng/ul	98
50) 2,4-Dinitrophenol	14.55	184	10553	1.40	ng/ul	92
52) 4-Nitrophenol	14.65	109	28301	2.58	ng/ul	92
53) Dibenzofuran	14.83	168	146118	2.30	ng/ul	95
54) 2,4-Dinitrotoluene	14.80	165	38105	2.24	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	34009	2.13	ng/ul	98
56) Diethylphthalate	15.26	149	133554	2.35	ng/ul	96
58) Fluorene	15.48	166	126189	2.42	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	67096	2.46	ng/ul	96
60) 4-Nitroaniline	15.50	138	28276	2.20	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.56	198	27745	2.37	ng/ul#	82
64) N-Nitrosodiphenylamine	15.69	169	112173	2.30	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	45099	2.29	ng/ul	94
66) Hexachlorobenzene	16.48	284	52639	2.38	ng/ul	97
67) Atrazine	16.63	200	47545	2.31	ng/ul	99
68) Pentachlorophenol	16.83	266	24715	1.73	ng/ul	95
69) Phenanthrene	17.22	178	226606	2.42	ng/ul	99
71) Anthracene	17.31	178	229314	2.37	ng/ul	99
72) Carbazole	17.58	167	205029	2.44	ng/ul	99
73) Di-n-butylphthalate	18.14	149	237457	2.24	ng/ul	98
74) Fluoranthene	19.23	202	304124	2.59	ng/ul	99
77) Pyrene	19.59	202	331838	2.34	ng/ul	98
78) Butylbenzylphthalate	20.49	149	111184	1.89	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.27	252	117659	2.24	ng/ul	99
80) Benzo(a)anthracene	21.34	228	376765	2.42	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	174832	2.04	ng/ul	98
82) Chrysene	21.39	228	343803	2.44	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	309845	2.08	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	405670	2.30	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	399036	2.45	ng/ul	99
88) Benzo(a)pyrene	23.53	252	407418	2.41	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	485451	2.34	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	410902	2.38	ng/ul	97
91) Benzo(g,h,i)perylene	26.61	276	407268	2.31	ng/ul	98

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



#2

1,4-Dioxane

Concen: 0.77 ng/uL m

RT: 3.35 min Scan# 129

Delta R.T. 0.00 min

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Instrument :

BNA_M

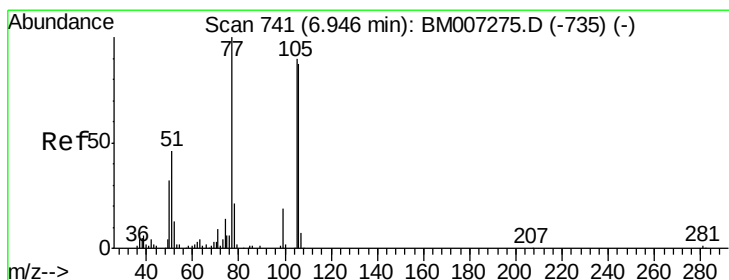
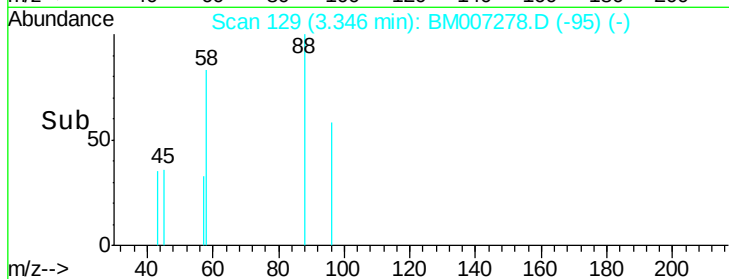
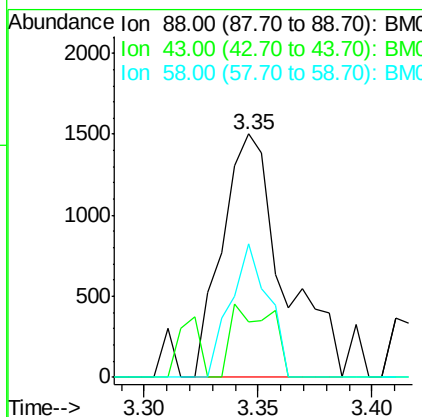
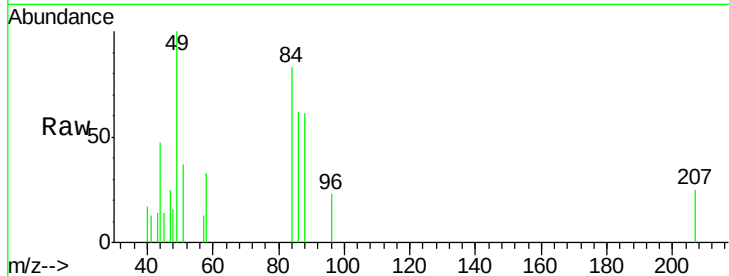
ClientSampleId :

MDL-03-W

Tgt Ion:	88	Resp:	2794
Ion	Ratio	Lower	Upper
88	100		
43	10.1	22.6	34.0#
58	33.9	57.3	85.9#

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#4

Benzaldehyde

Concen: 2.64 ng/uL

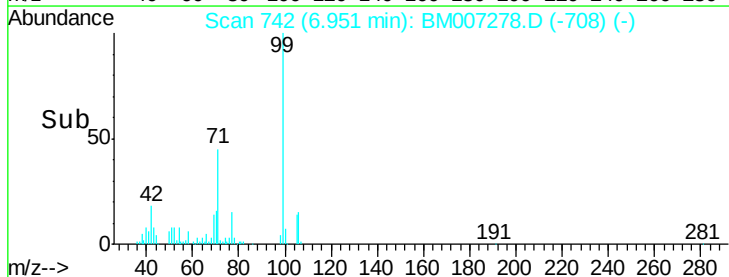
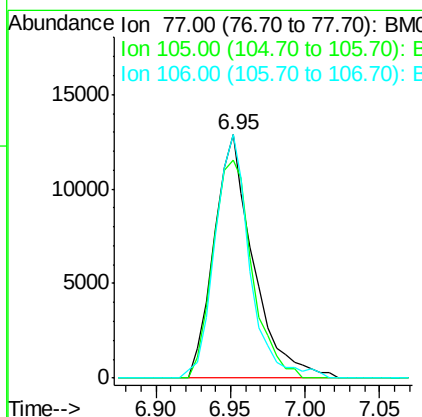
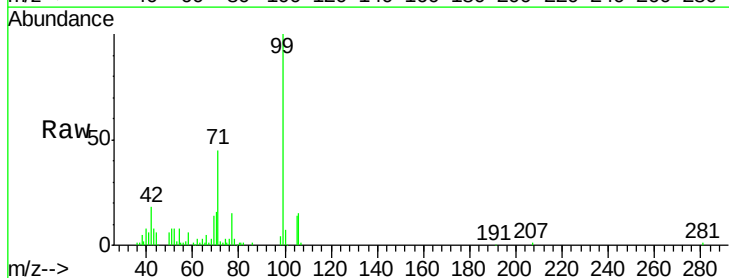
RT: 6.95 min Scan# 742

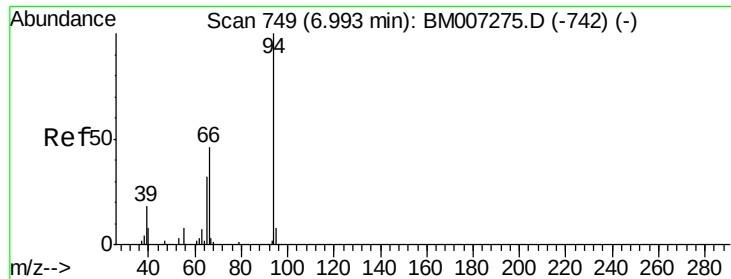
Delta R.T. 0.00 min

Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Tgt Ion:	77	Resp:	23675
Ion	Ratio	Lower	Upper
77	100		
105	89.7	76.9	115.3
106	100.0	71.8	107.8





#6

Phenol

Concen: 1.99 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Instrument :

BNA_M

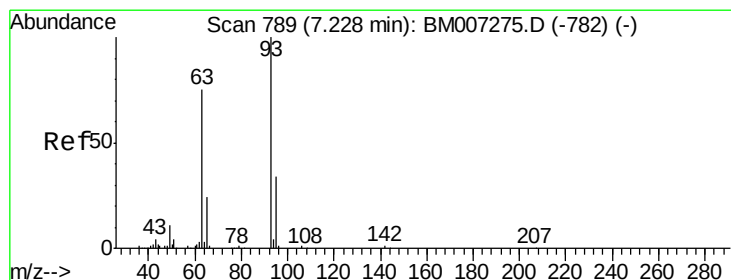
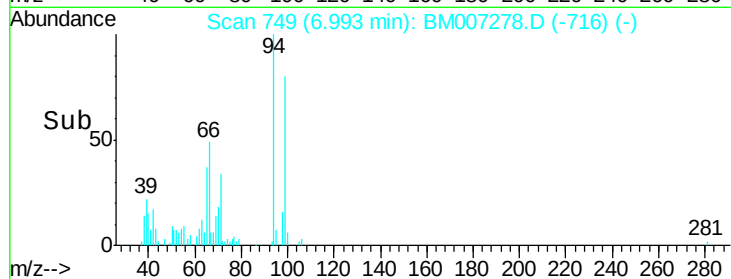
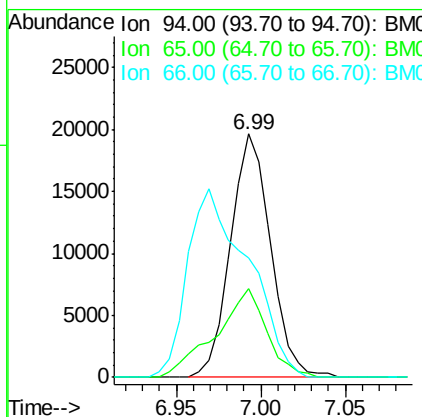
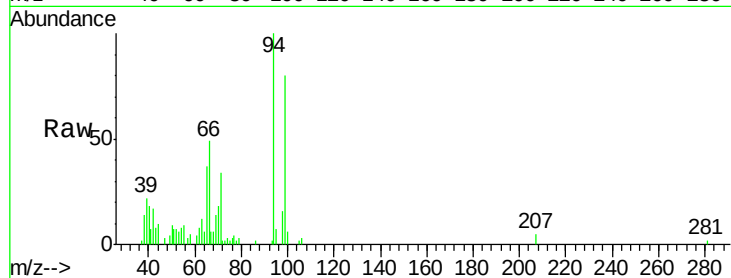
ClientSampled :

MDL-03-W

Tgt Ion:	94	Resp:	32412
Ion	Ratio	Lower	Upper
94	100		
65	36.6	23.9	35.9#
66	49.2	33.5	50.3

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#8

Bis(2-Chloroethyl)ether

Concen: 2.29 ng/ul

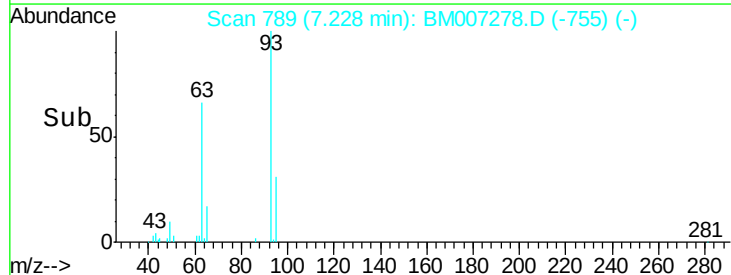
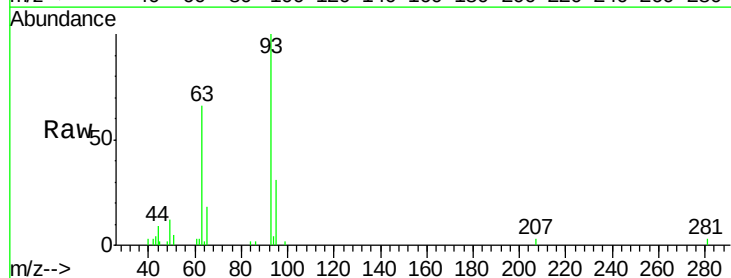
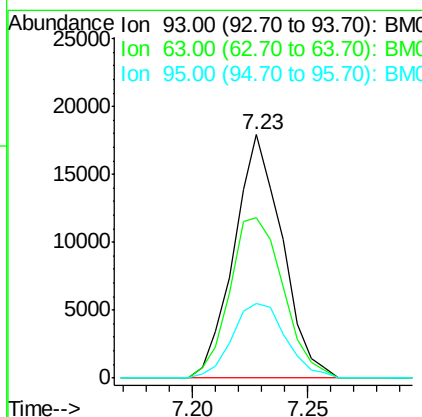
RT: 7.23 min Scan# 789

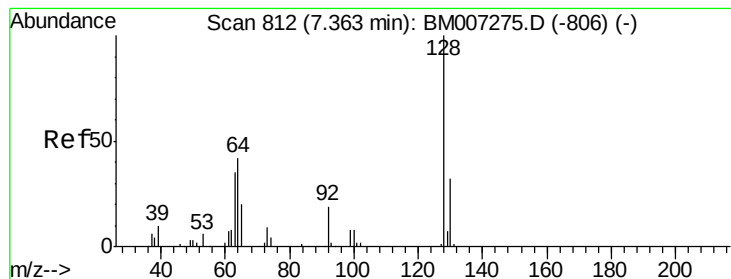
Delta R.T. 0.00 min

Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Tgt Ion:	93	Resp:	26028
Ion	Ratio	Lower	Upper
93	100		
63	66.0	57.3	85.9
95	30.5	25.1	37.7





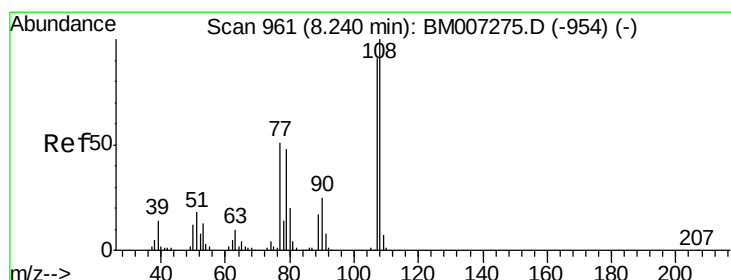
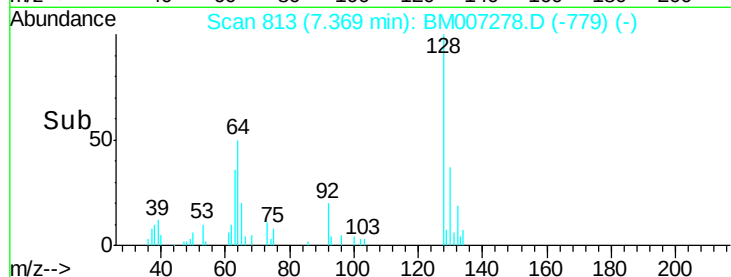
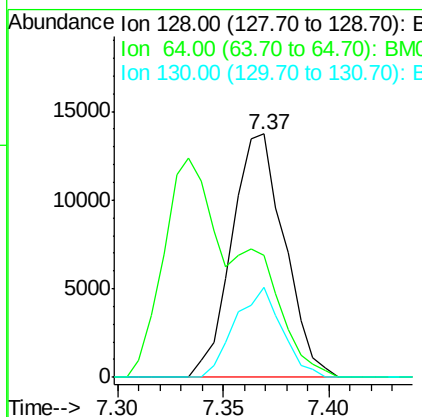
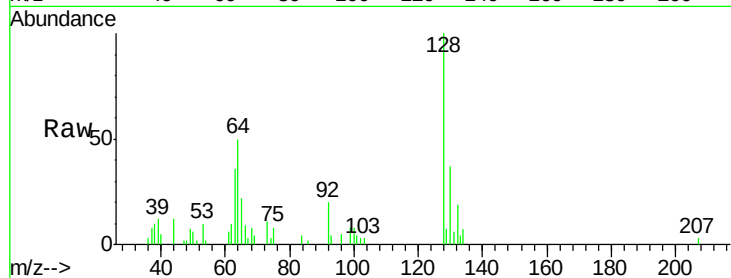
#10
2-Chlorophenol
Concen: 2.00 ng/ul
RT: 7.37 min Scan# 813
Delta R.T. 0.00 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Instrument :
BNA_M
ClientSampled :
MDL-03-W

Tgt Ion	Ratio	Lower	Upper
128	100		
64	50.3	37.5	56.3
130	36.7	25.0	37.4

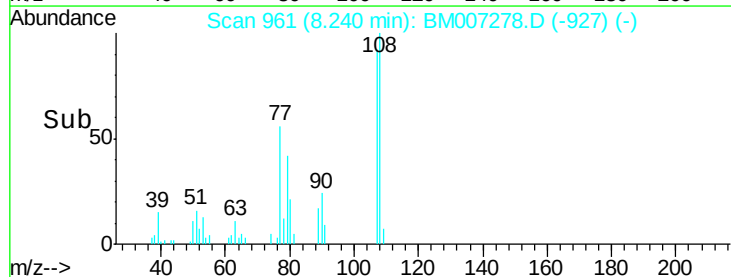
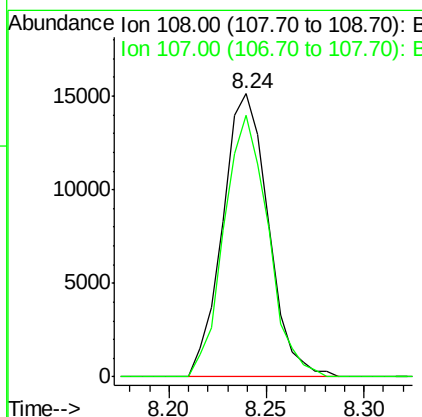
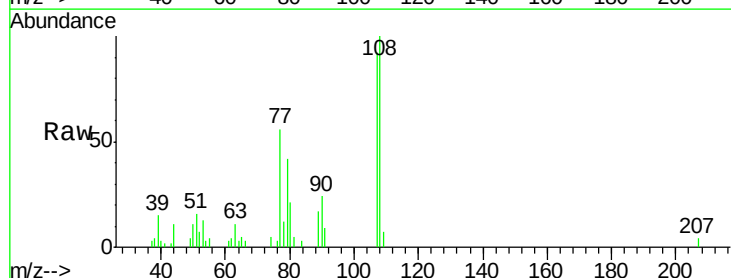
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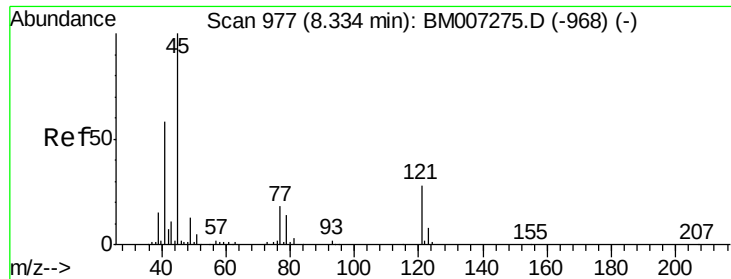
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#11
2-Methylphenol
Concen: 1.93 ng/ul
RT: 8.24 min Scan# 961
Delta R.T. 0.00 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Lower	Upper
108	100		
107	92.3	71.8	107.6





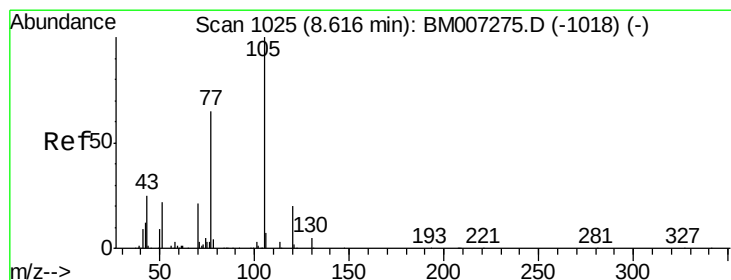
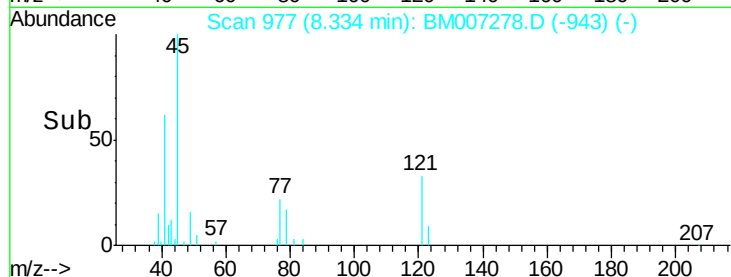
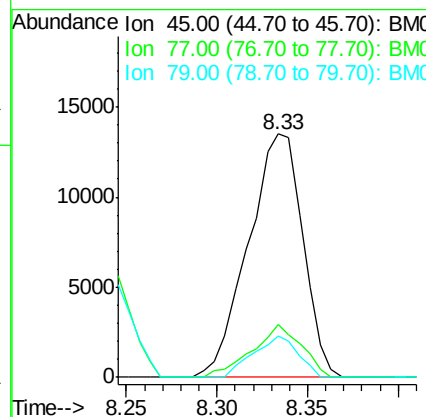
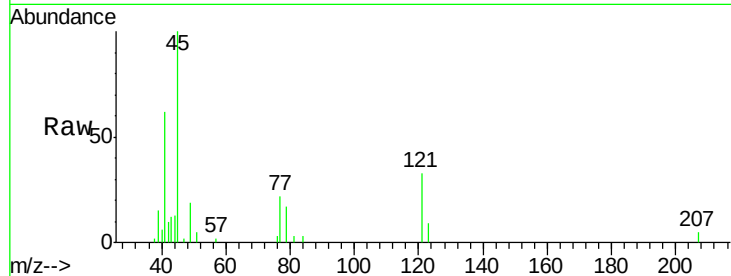
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 2.21 ng/ul
 RT: 8.33 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-W

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.5	14.1	21.1#
79	17.1	10.4	15.6#

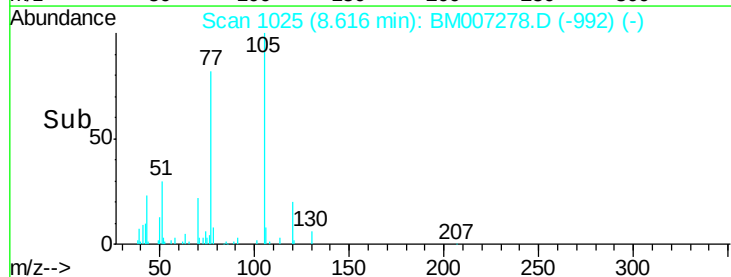
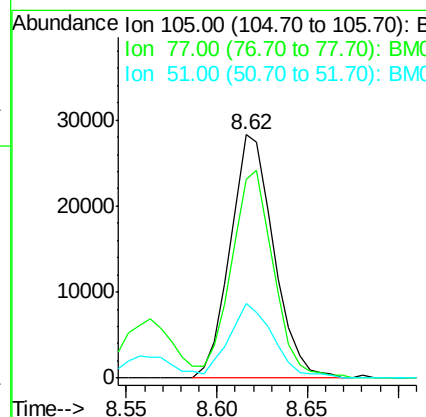
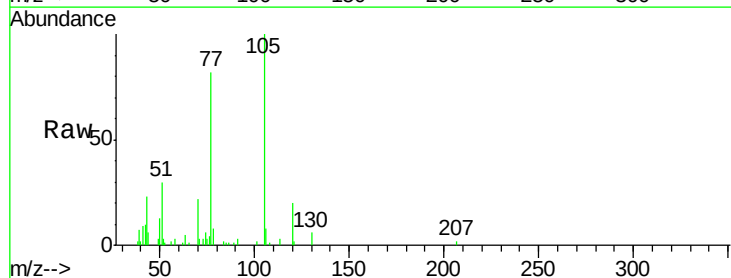
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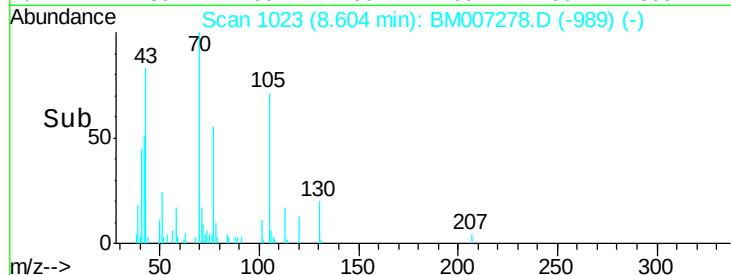
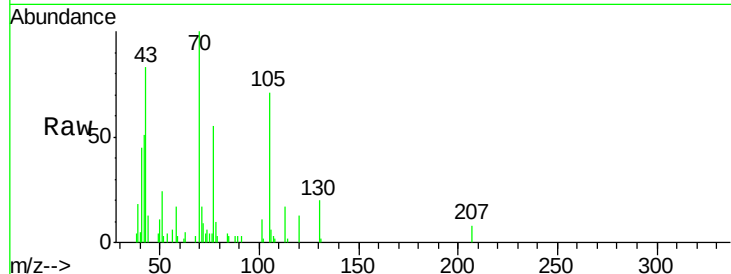
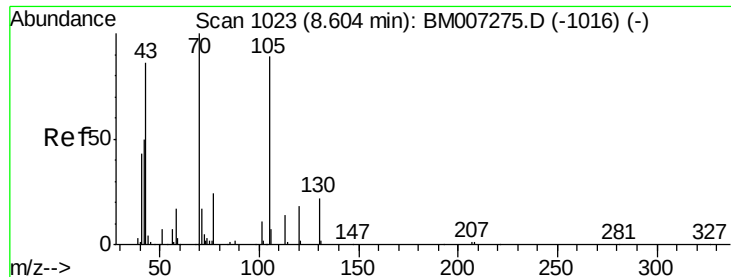
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#14
 Acetophenone
 Concen: 2.24 ng/ul
 RT: 8.62 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Lower	Upper
105	100		
77	81.6	65.9	98.9
51	30.4	22.2	33.2





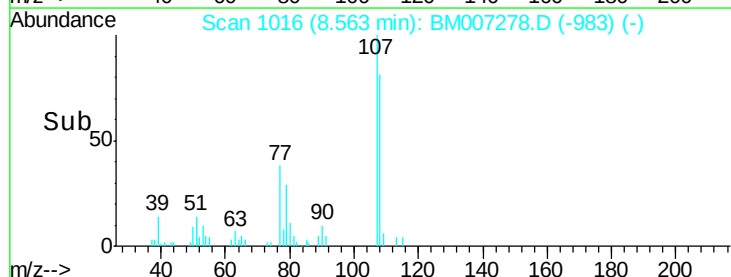
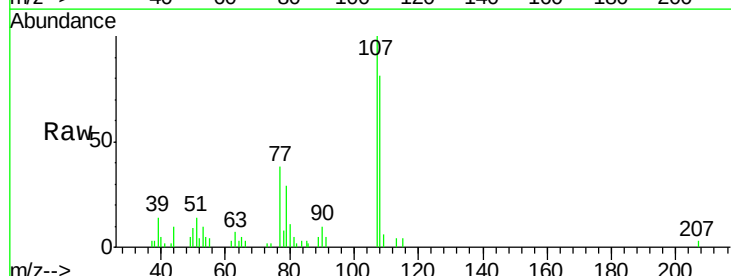
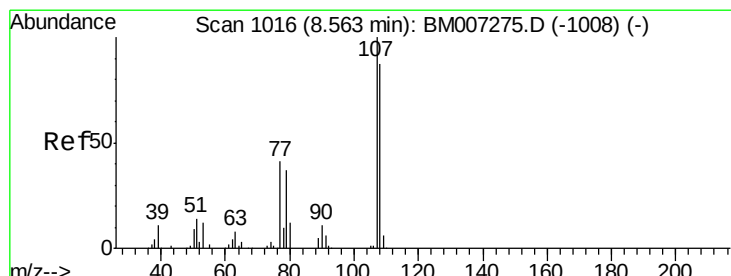
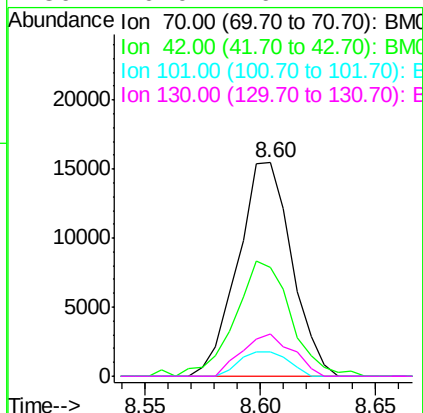
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N-Nitroso-di-n-propylamine
Concen: 2.25 ng/ul
RT: 8.60 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Instrument :
BNA_M
ClientSampleId :
MDL-03-W

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.8	43.4	65.2	
101	11.3	7.8	11.6	
130	20.0	16.2	24.4	

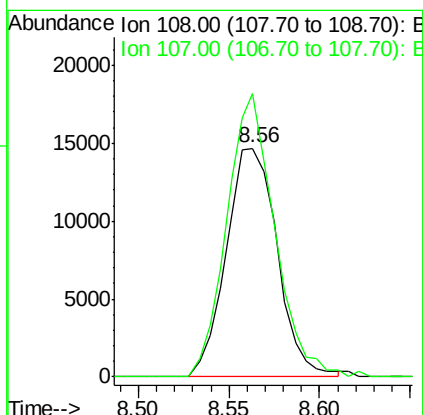
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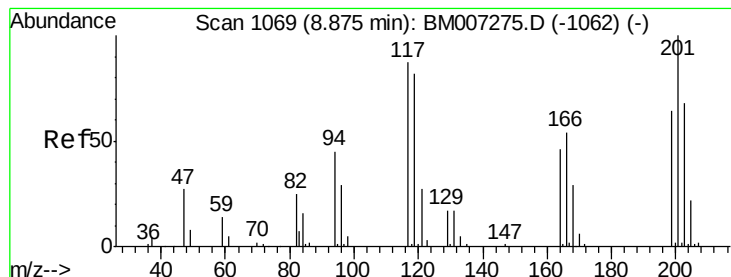
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#16
4-Methylphenol
Concen: 2.01 ng/ul
RT: 8.56 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	123.6	87.8	131.8	





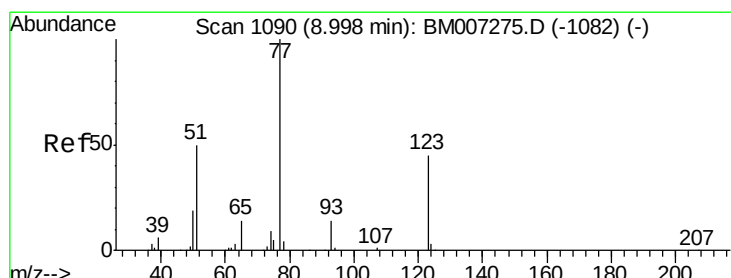
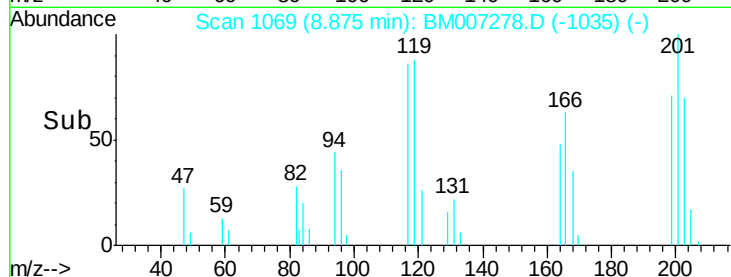
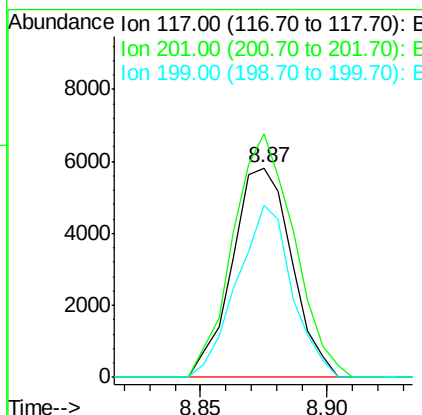
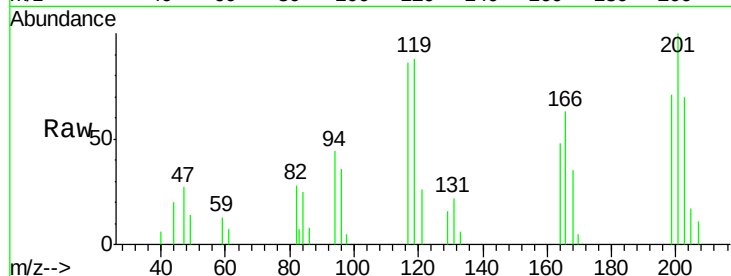
#17
 Hexachloroethane
 Concen: 2.06 ng/ul
 RT: 8.87 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Instrument :
 BNA_M
 ClientSampled :
 MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	9519		
201	116.3		90.3	135.5
199	82.4		58.5	87.7

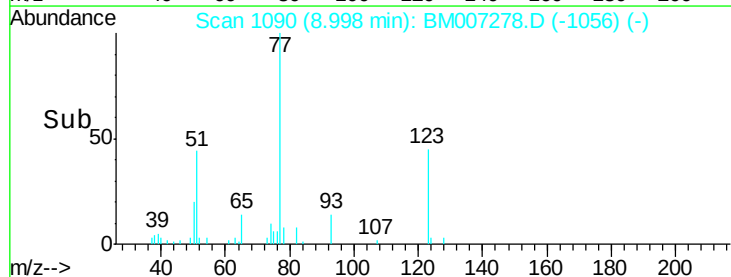
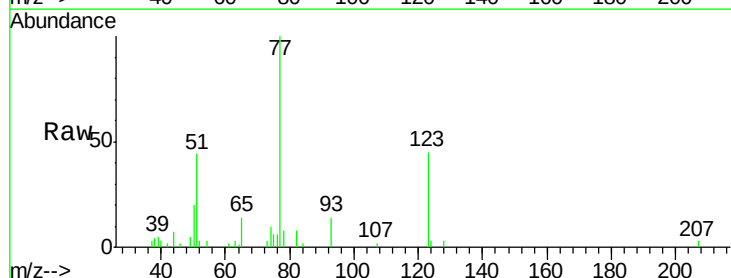
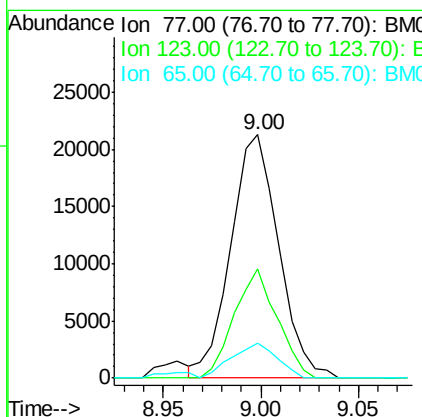
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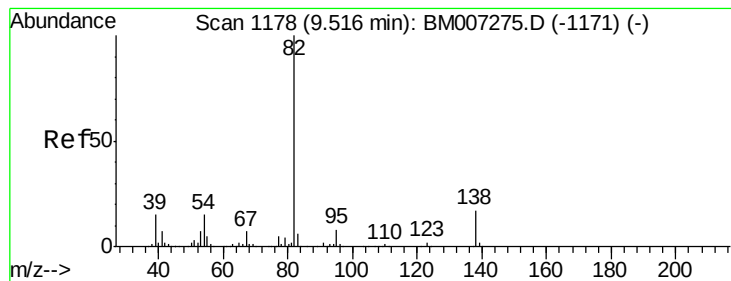
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#20
 Nitrobenzene
 Concen: 2.28 ng/ul
 RT: 9.00 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	36233		
123	44.7		34.2	51.4
65	14.2		11.0	16.6





#21

Isophorone

Concen: 2.20 ng/ul

RT: 9.52 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Instrument :

BNA_M

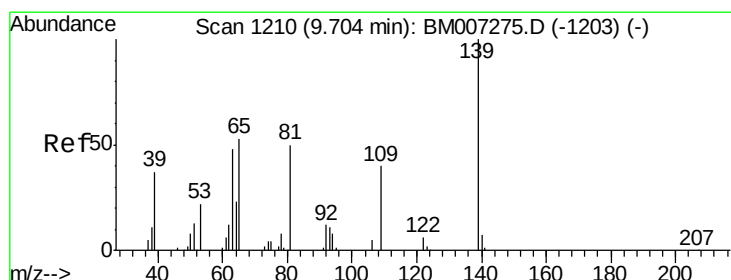
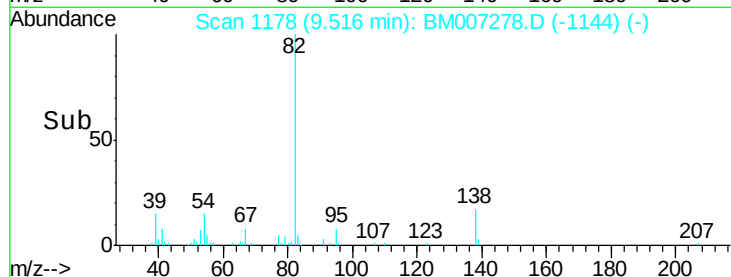
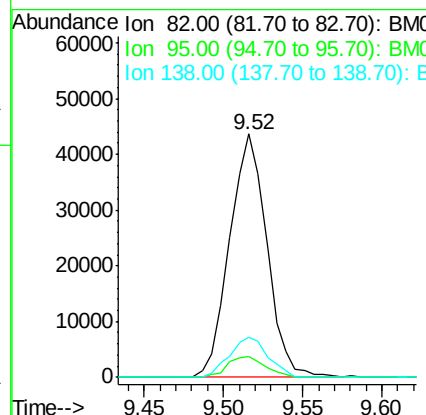
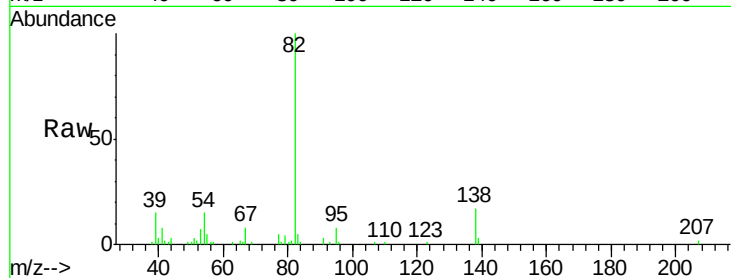
ClientSampled :

MDL-03-W

Tgt Ion:	82	Resp:	71164
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.9	10.3
138	16.6	13.8	20.8

Manual Integrations
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#23

2-Nitrophenol

Concen: 2.17 ng/ul

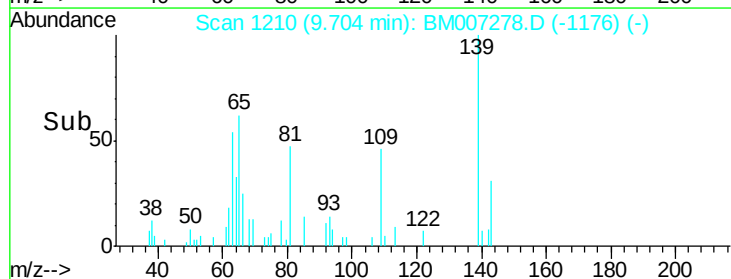
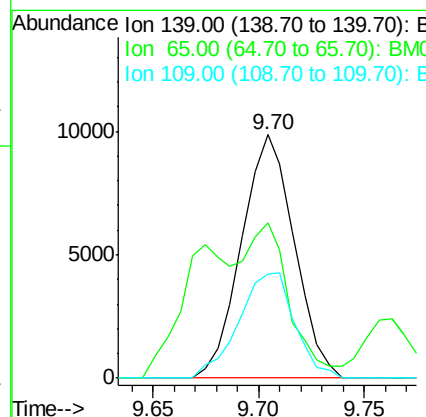
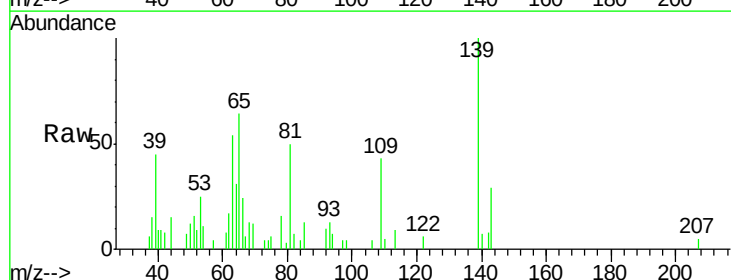
RT: 9.70 min Scan# 1210

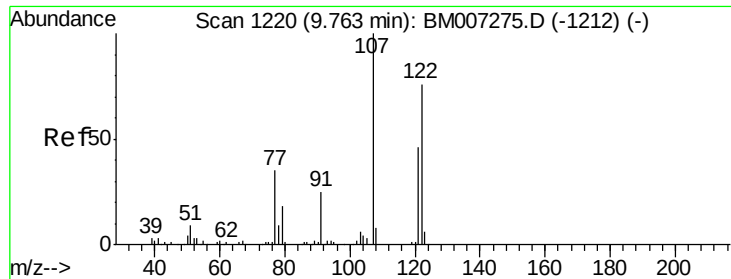
Delta R.T. 0.00 min

Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Tgt Ion:	139	Resp:	17092
Ion Ratio	Lower	Upper	
139	100		
65	64.0	44.2	66.4
109	42.8	28.2	42.4





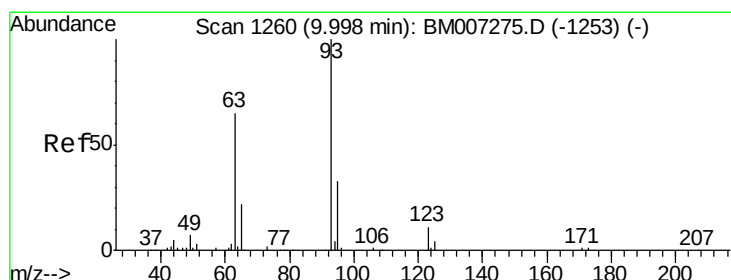
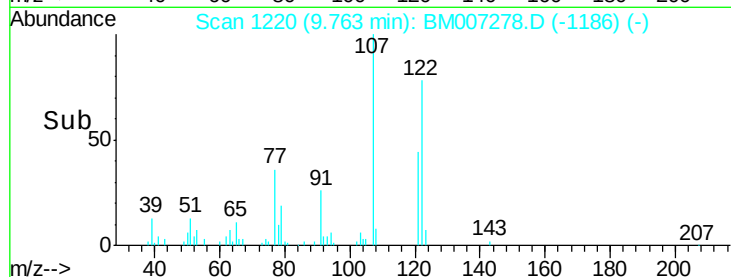
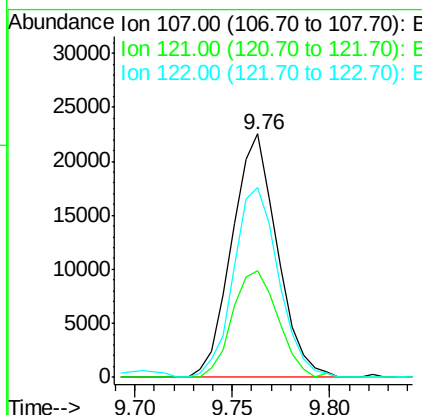
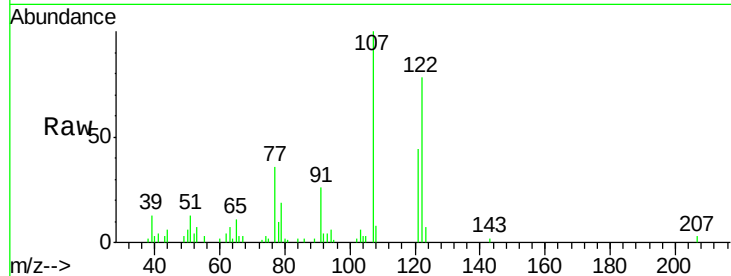
#24
 2,4-Dimethylphenol
 Concen: 2.09 ng/ul
 RT: 9.76 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	36175		
121	43.8	37.1	55.7	
122	78.1	62.8	94.2	

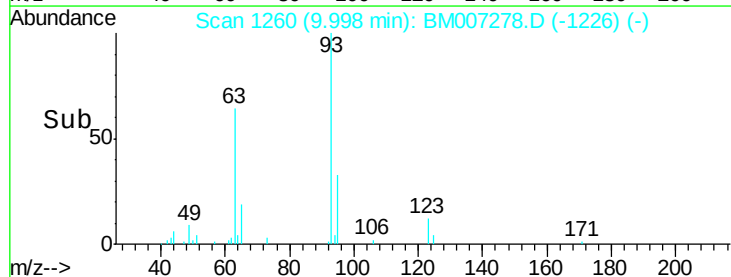
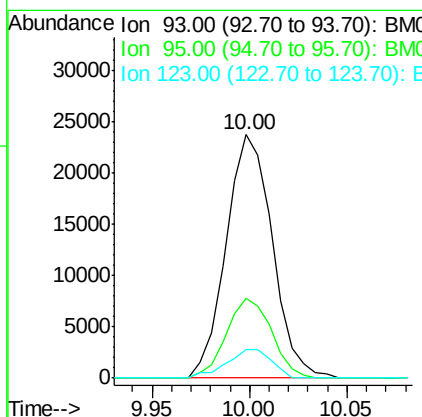
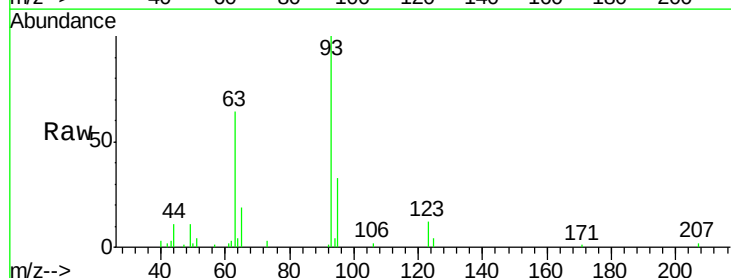
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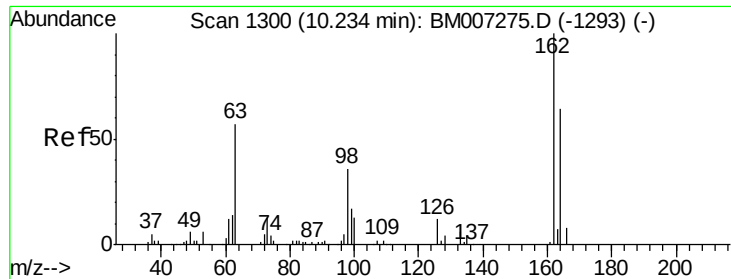
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.13 ng/ul
 RT: 10.00 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	38919		
95	32.6	25.4	38.0	
123	11.9	8.3	12.5	





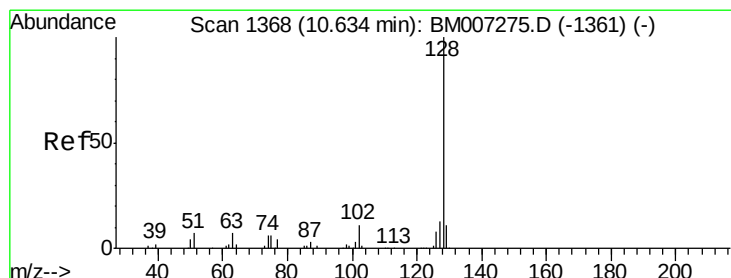
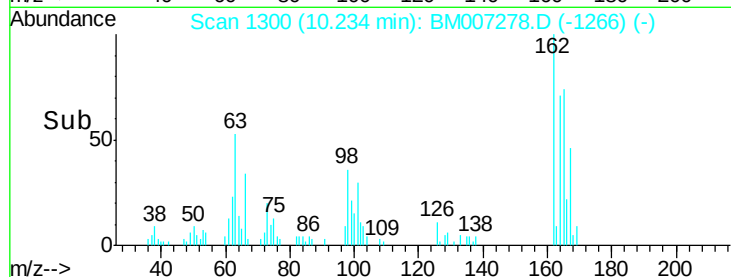
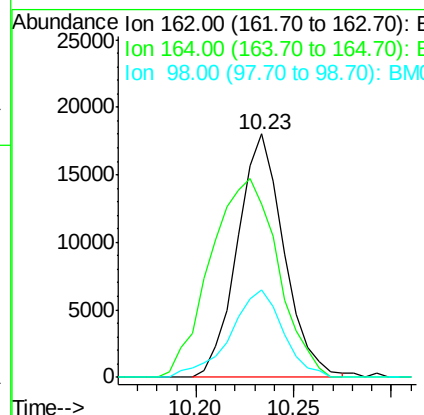
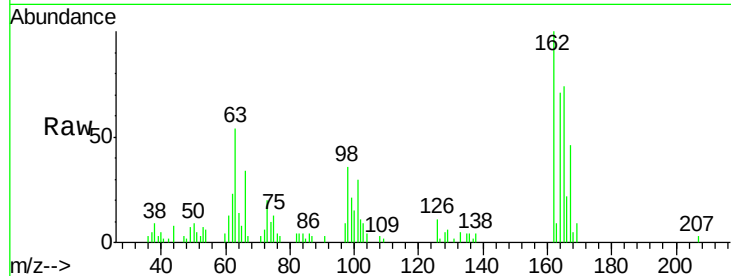
#27
 2,4-Dichlorophenol
 Concen: 2.08 ng/ul
 RT: 10.23 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Instrument :
 BNA_M
 ClientSampled :
 MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	29806		
164	71.2	51.6	77.4	
98	36.0	28.4	42.6	

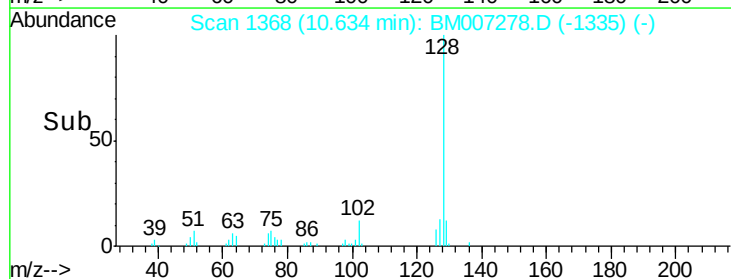
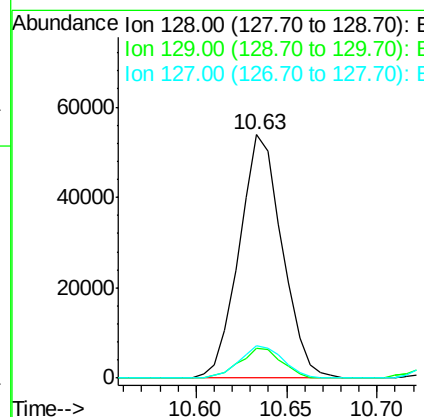
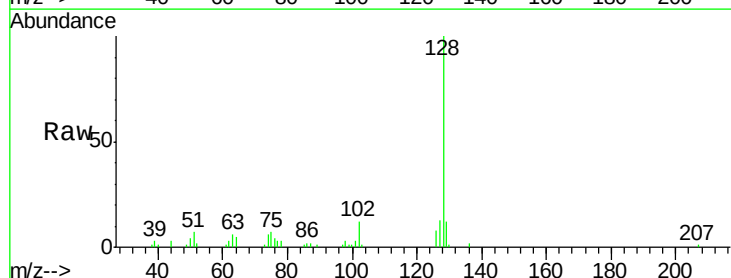
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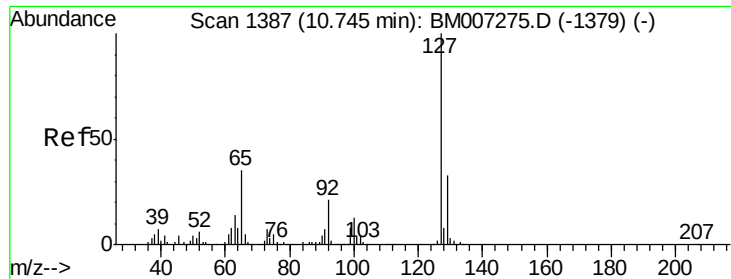
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#28
 Naphthalene
 Concen: 2.11 ng/ul
 RT: 10.63 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	88620		
129	12.4	8.6	12.8	
127	13.3	10.6	15.8	





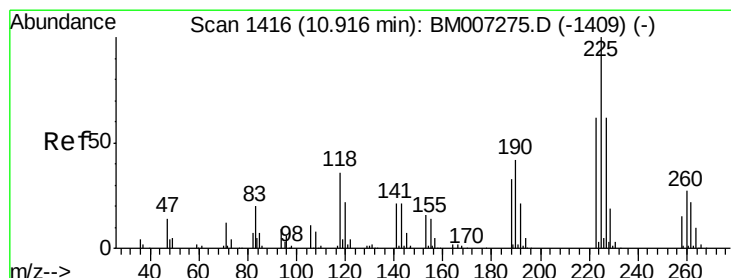
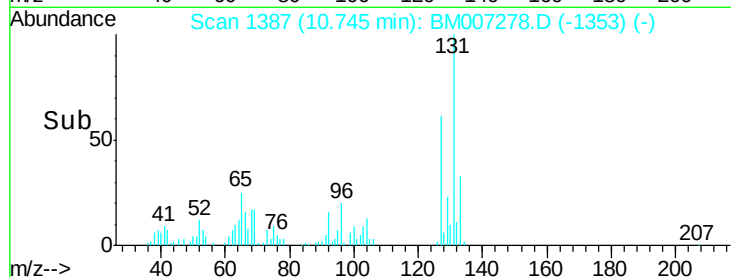
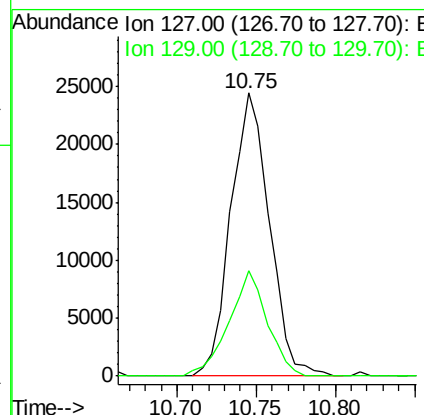
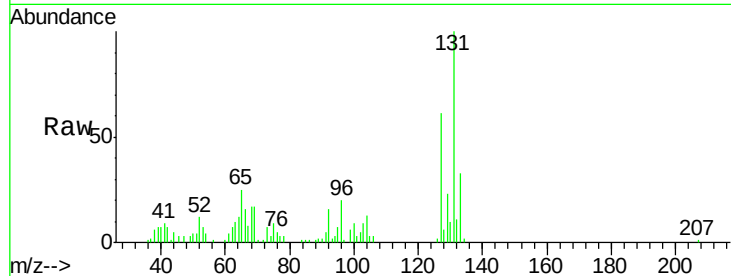
#30
4-Chloroaniline
Concen: 2.23 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Instrument :
BNA_M
ClientSampled :
MDL-03-W

Tgt Ion:127 Resp: 41246
Ion Ratio Lower Upper
127 100
129 37.2 24.6 37.0#

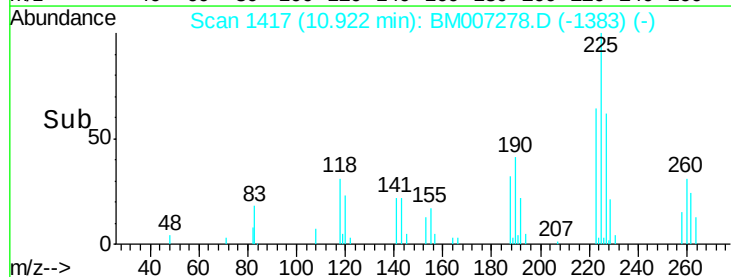
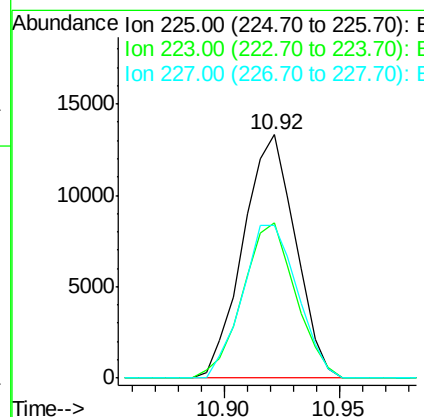
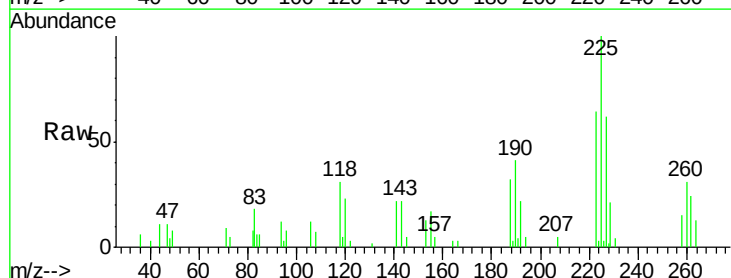
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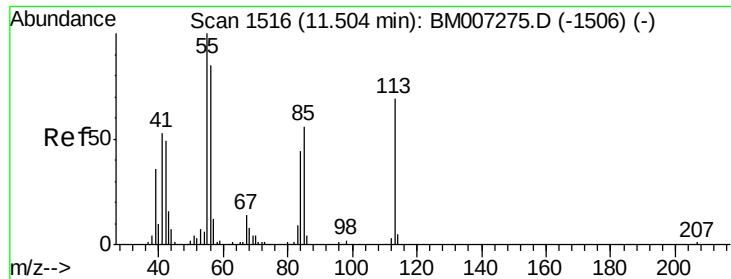
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#31
Hexachlorobutadiene
Concen: 2.18 ng/ul
RT: 10.92 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Tgt Ion:225 Resp: 21075
Ion Ratio Lower Upper
225 100
223 63.7 51.2 76.8
227 62.5 52.5 78.7





#32

Caprolactam

Concen: 2.15 ng/ul m

RT: 11.54 min Scan# 1522

Delta R.T. 0.04 min

Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Instrument :

BNA_M

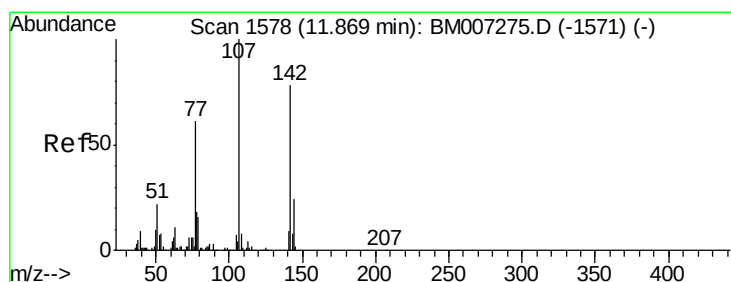
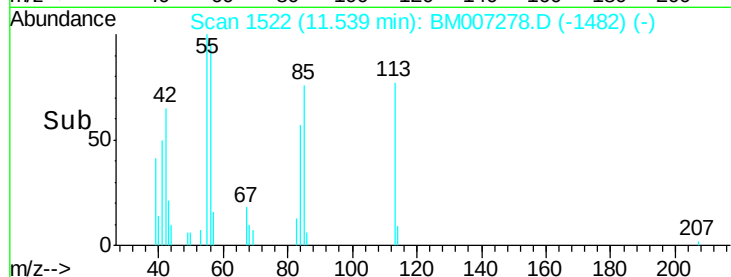
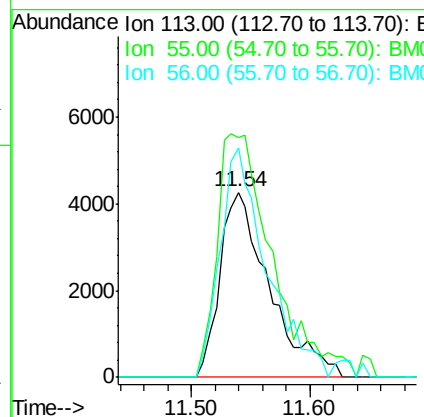
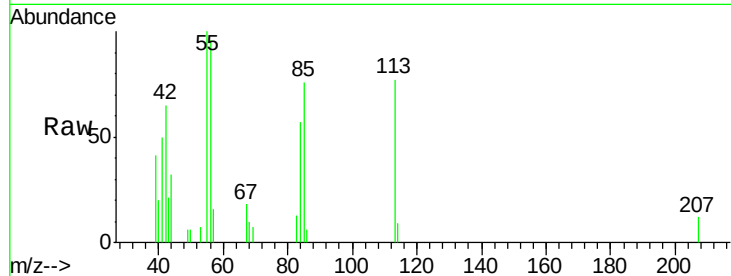
ClientSampleId :

MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	12375		
55	129.6	121.9	182.9	
56	124.1	97.4	146.0	

Manual Integrations
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#33

4-Chloro-3-methylphenol

Concen: 2.02 ng/ul

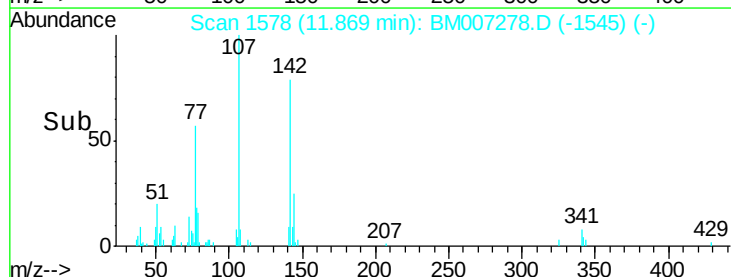
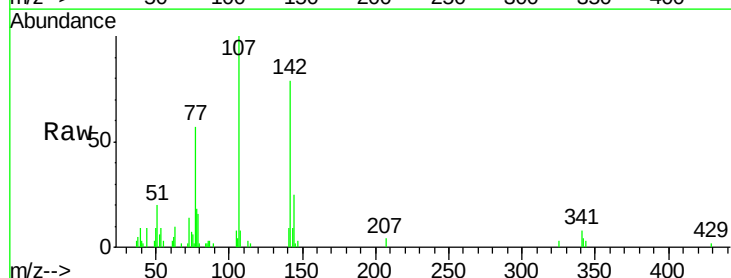
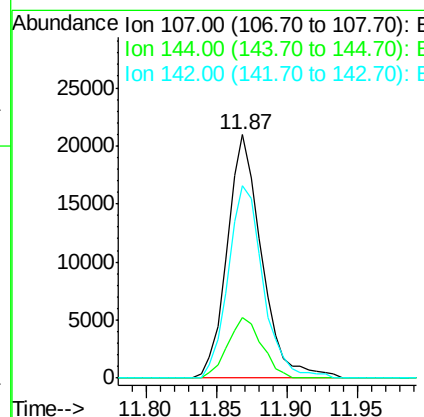
RT: 11.87 min Scan# 1578

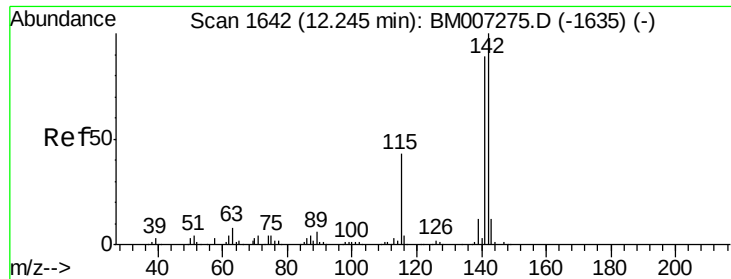
Delta R.T. -0.01 min

Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	35694		
144	24.7	21.1	31.7	
142	78.8	64.1	96.1	





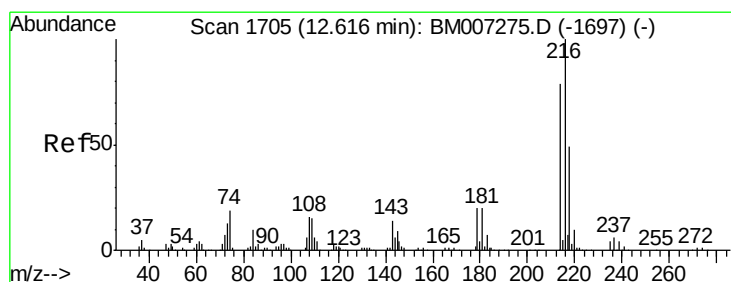
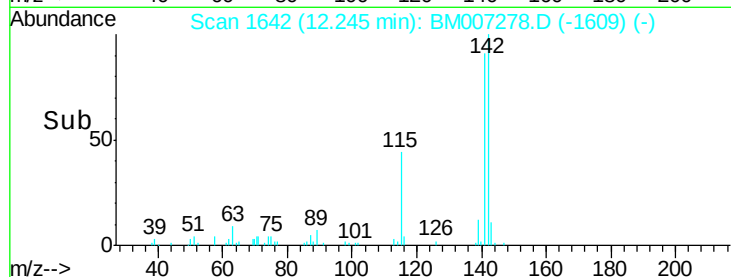
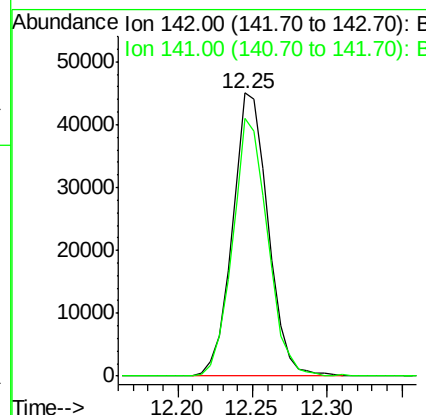
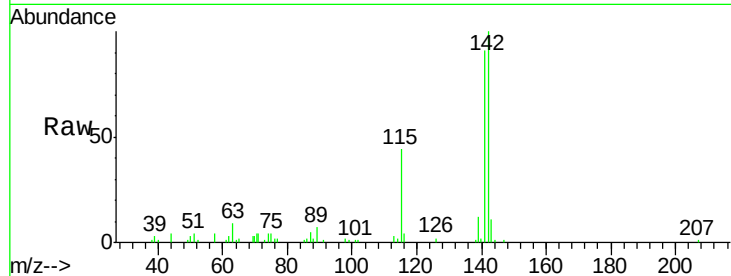
#34
 2-Methylnaphthalene
 Concen: 2.19 ng/ul
 RT: 12.25 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Instrument :
 BNA_M
 ClientSampled :
 MDL-03-W

Tgt Ion:142 Resp: 75080
 Ion Ratio Lower Upper
 142 100
 141 90.8 71.3 106.9

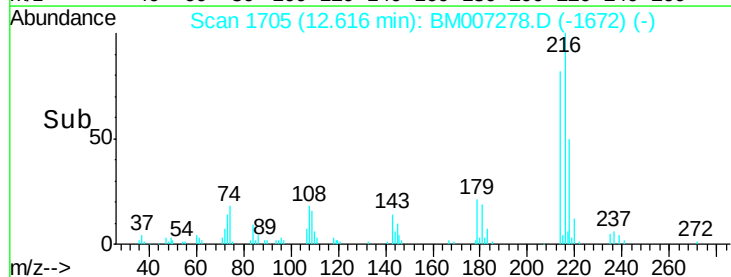
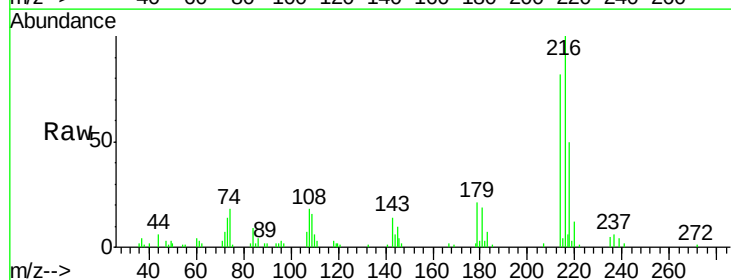
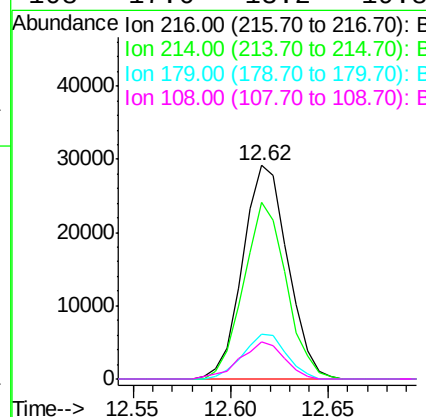
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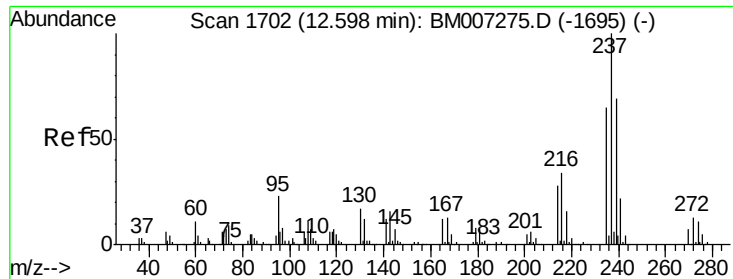
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.22 ng/ul
 RT: 12.62 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Tgt Ion:216 Resp: 46718
 Ion Ratio Lower Upper
 216 100
 214 82.4 64.8 97.2
 179 20.9 16.7 25.1
 108 17.6 13.2 19.8





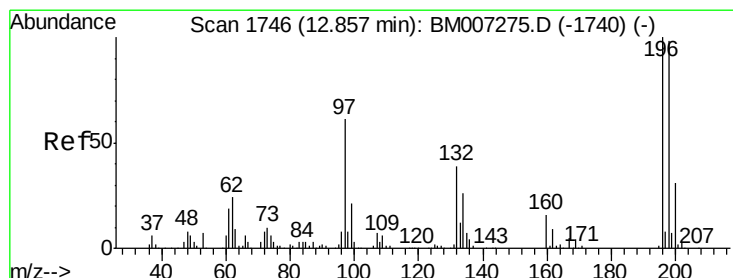
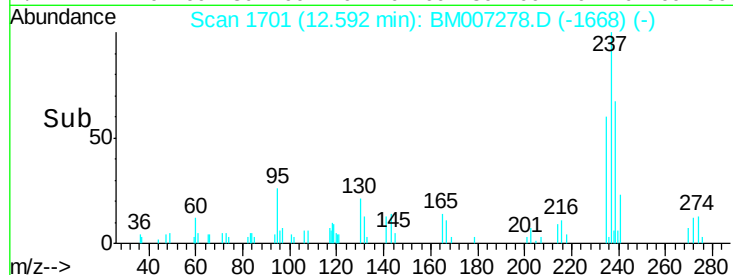
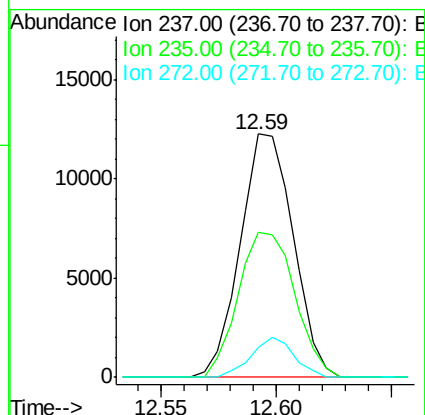
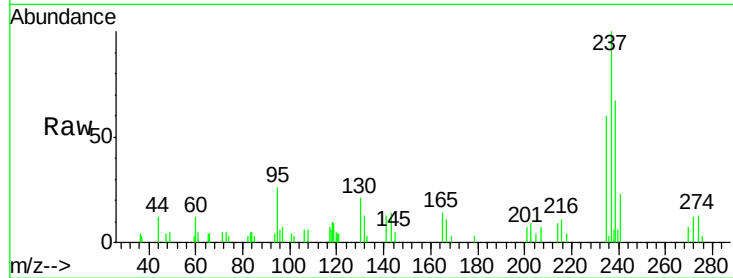
#37
Hexachlorocyclopentadiene
Concen: 1.55 ng/ul
RT: 12.59 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Instrument :
BNA_M
ClientSampled :
MDL-03-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.8	49.6	74.4
272	12.2	10.4	15.6

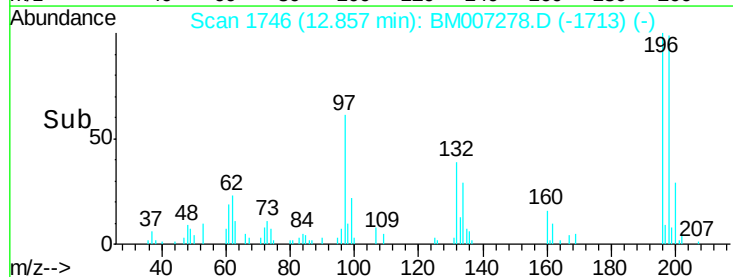
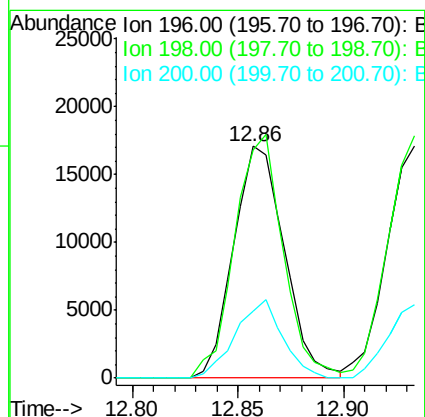
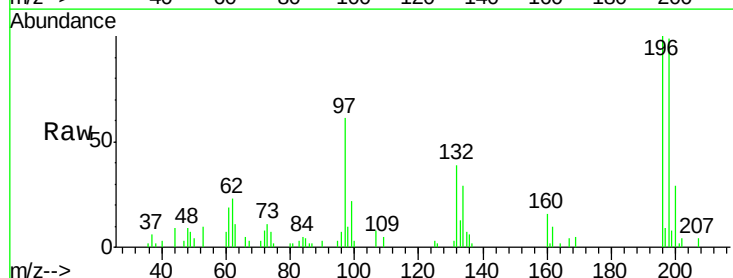
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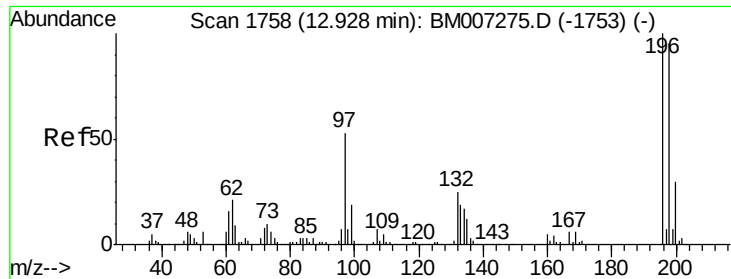
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#38
2,4,6-Trichlorophenol
Concen: 1.92 ng/ul
RT: 12.86 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	98.6	76.9	115.3
200	28.8	25.1	37.7





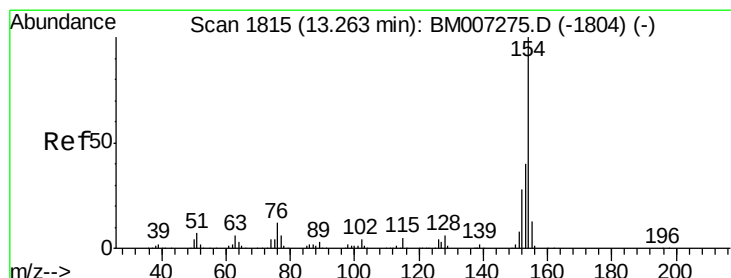
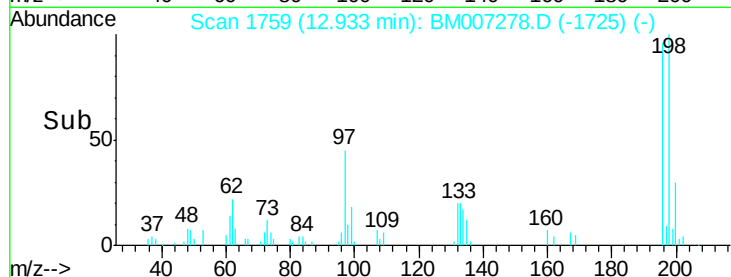
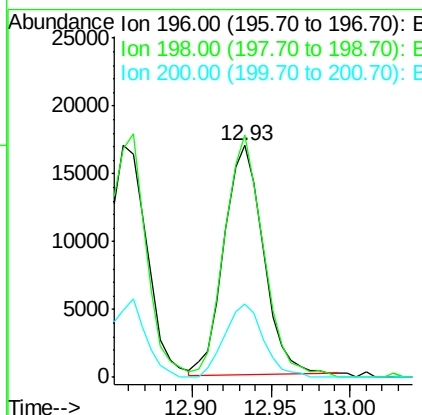
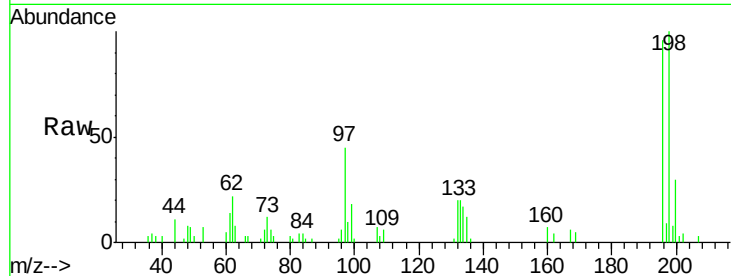
#39
 2,4,5-Trichlorophenol
 Concen: 1.87 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Instrument :
 BNA_M
 ClientSampled :
 MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	29138		
198	104.7	76.8	115.2	
200	31.6	27.0	40.4	

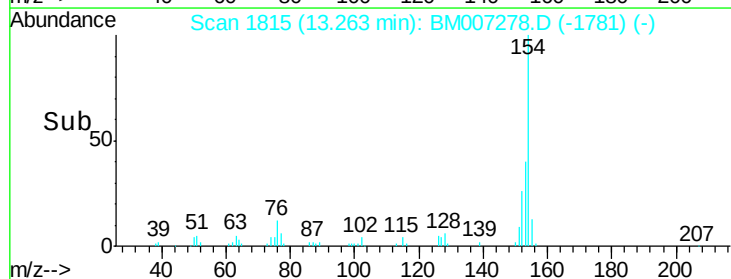
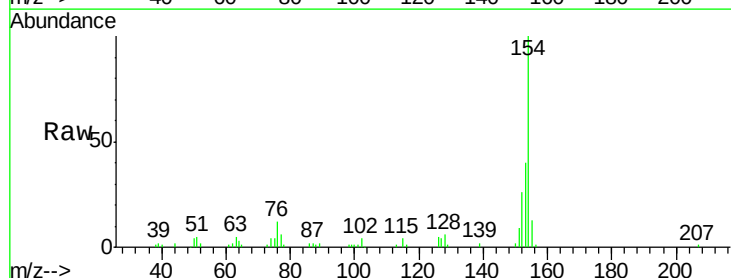
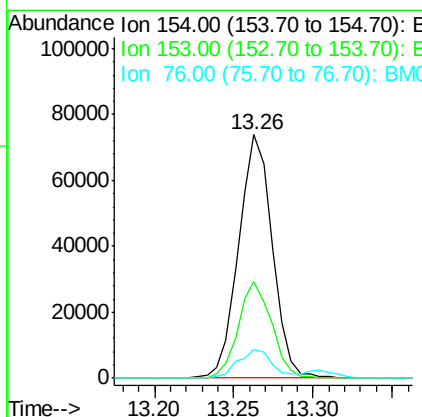
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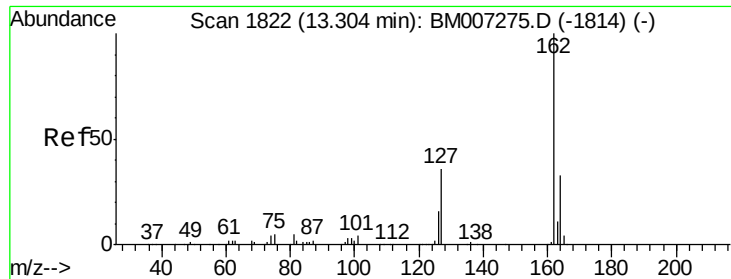
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#40
 1,1'-Biphenyl
 Concen: 2.22 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	109005		
153	39.7	31.3	46.9	
76	11.7	10.0	15.0	





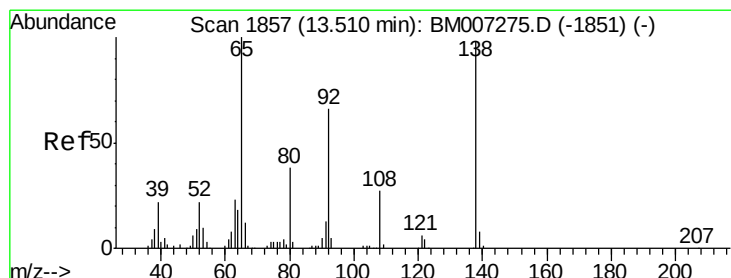
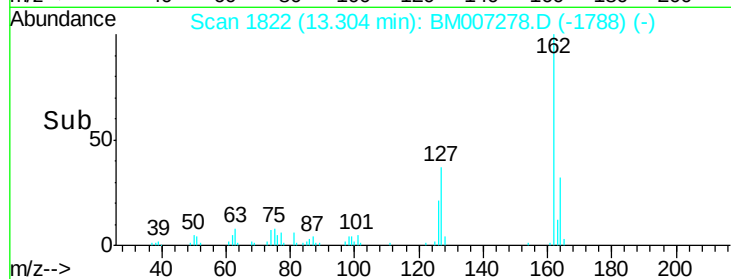
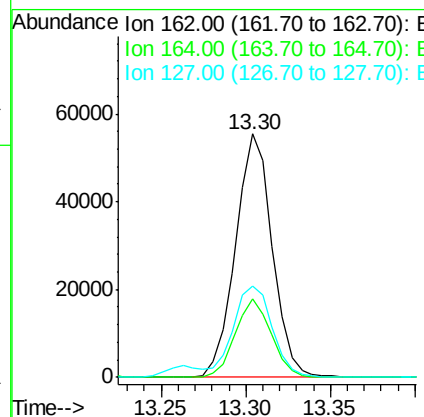
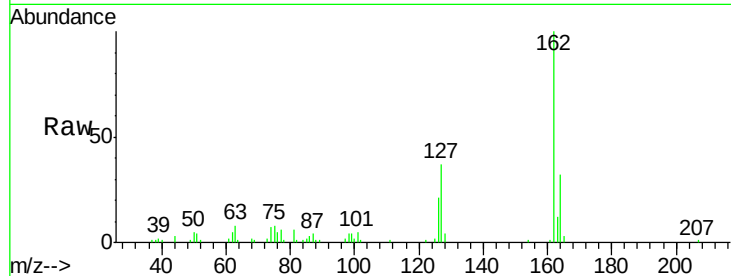
#41
2-Chloronaphthalene
Concen: 2.18 ng/ul
RT: 13.30 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Instrument :
BNA_M
ClientSampled :
MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	83908		
164	32.2	26.9	40.3	
127	37.3	31.2	46.8	

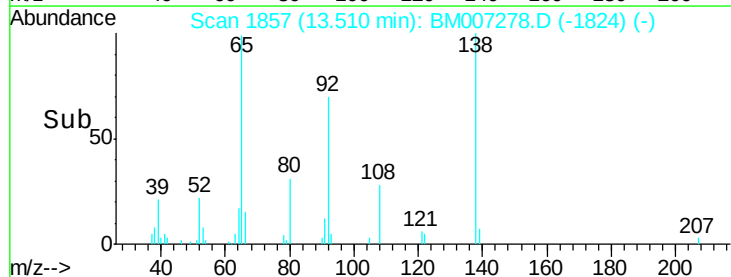
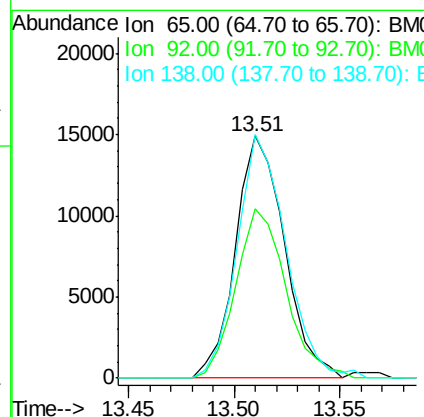
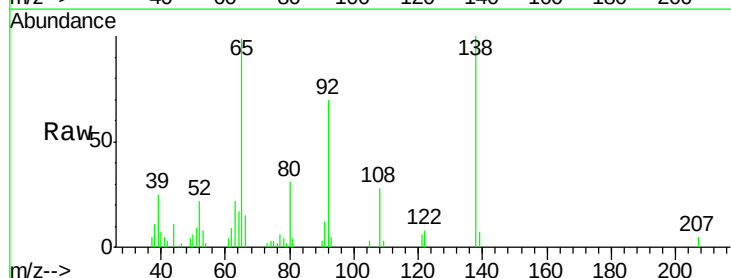
Manual Integrations
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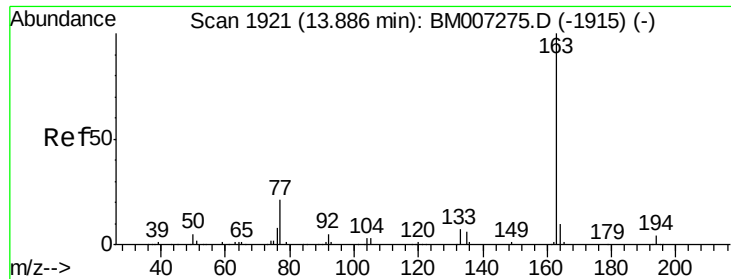
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#42
2-Nitroaniline
Concen: 1.90 ng/ul
RT: 13.51 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	23918		
92	69.9	55.6	83.4	
138	100.6	81.3	121.9	





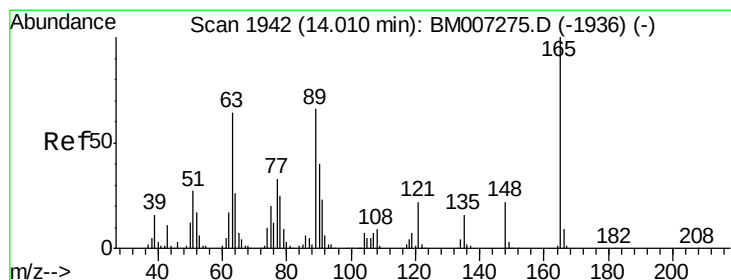
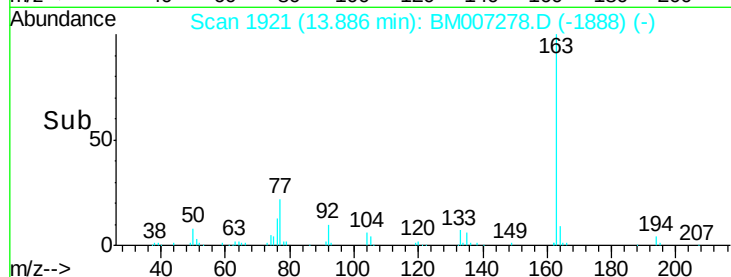
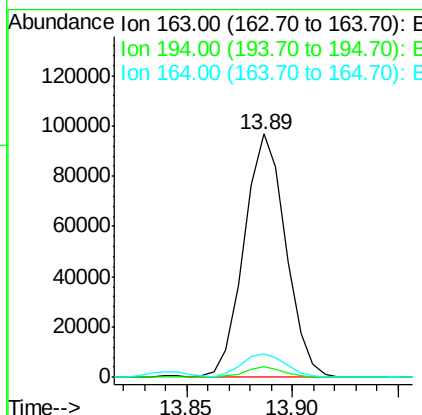
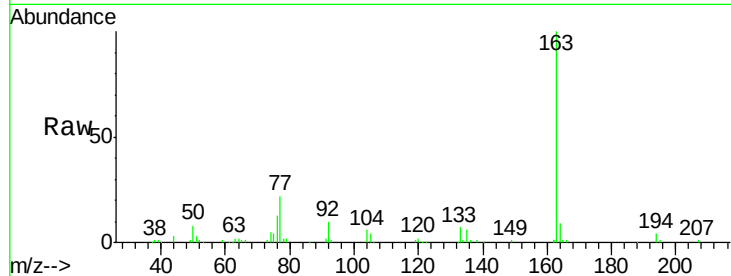
#44
Dimethylphthalate
Concen: 2.44 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Instrument :
BNA_M
ClientSampleId :
MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	132996		
194	4.2		3.4	5.2
164	9.4		7.8	11.8

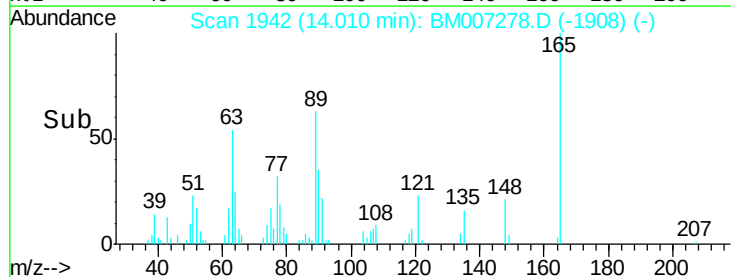
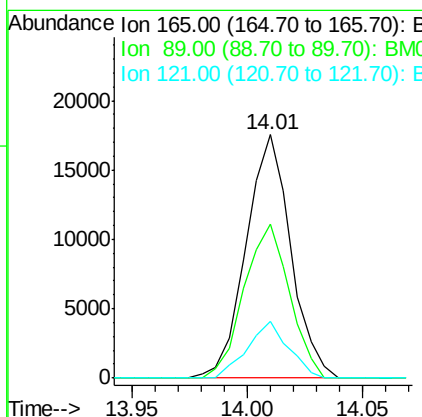
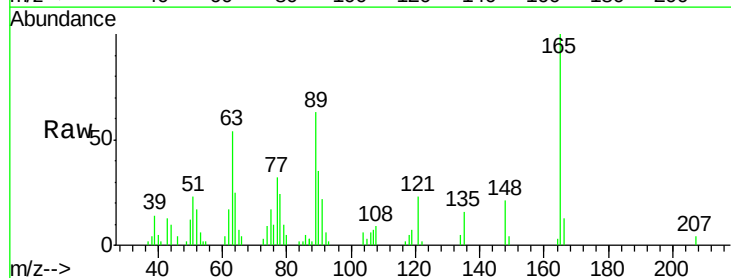
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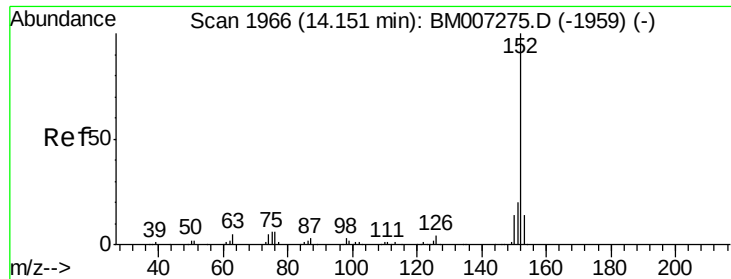
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#45
2,6-Dinitrotoluene
Concen: 2.13 ng/ul
RT: 14.01 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	23638		
89	63.5		46.6	69.8
121	23.2		16.0	24.0





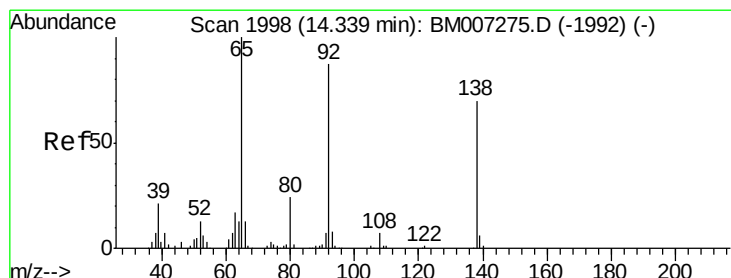
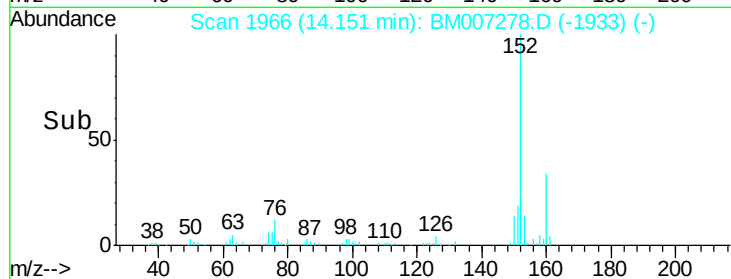
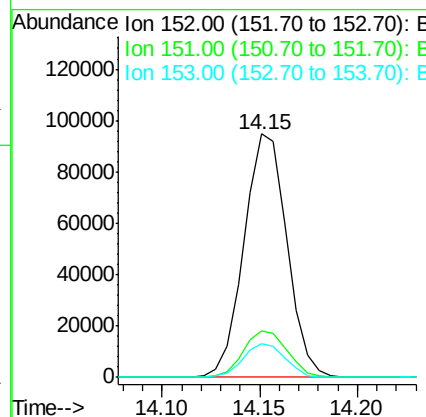
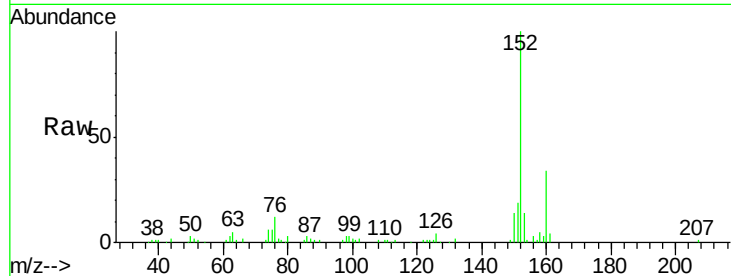
#47
Acenaphthylene
Concen: 2.21 ng/ul
RT: 14.15 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Instrument :
BNA_M
ClientSampleId :
MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	144194		
151	19.1	16.0	24.0	
153	13.8	11.0	16.6	

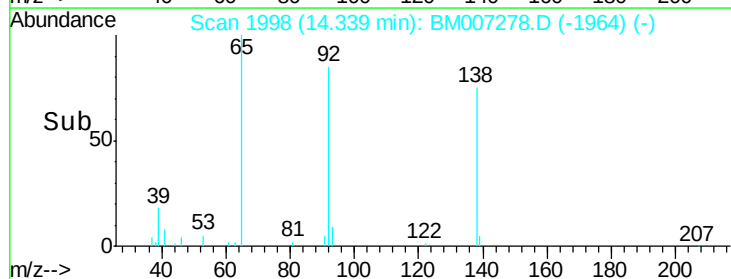
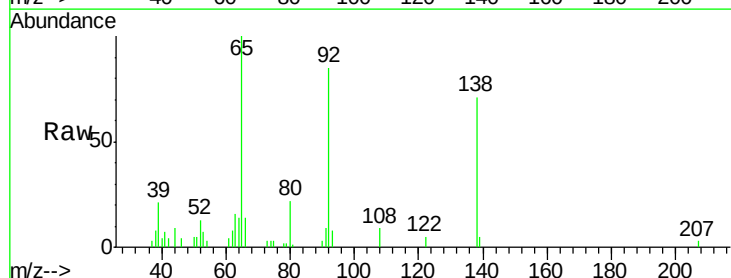
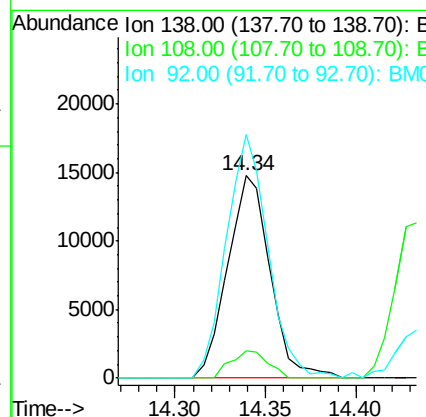
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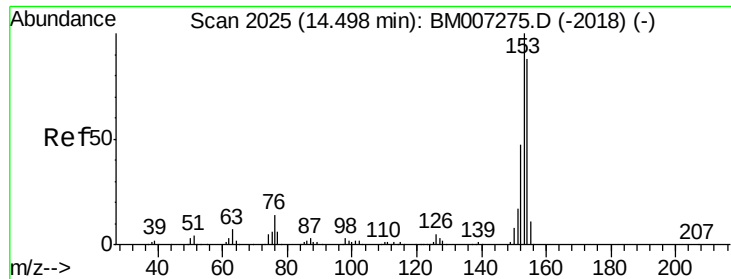
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#48
3-Nitroaniline
Concen: 2.12 ng/ul
RT: 14.34 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	24055		
108	13.4	9.4	14.0	
92	120.5	96.6	145.0	





#49

Acenaphthene

Concen: 2.26 ng/ul

RT: 14.49 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Instrument :

BNA_M

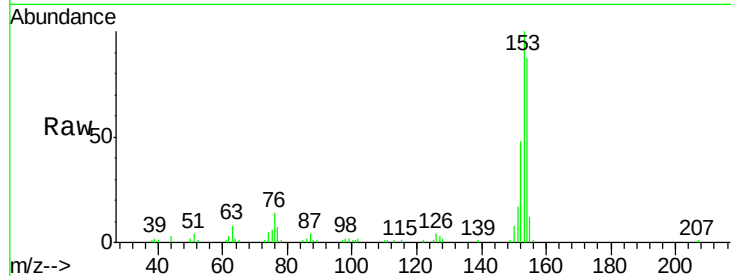
ClientSampleId :

MDL-03-W

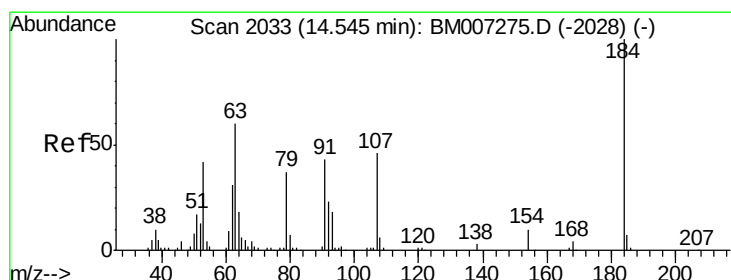
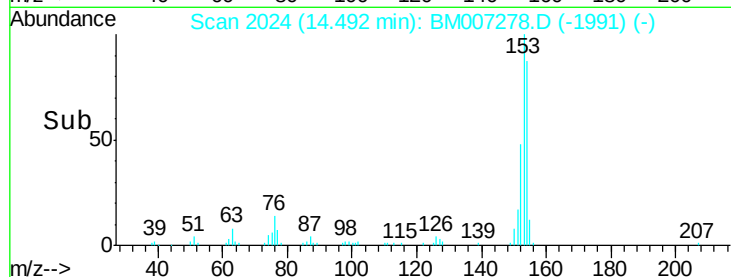
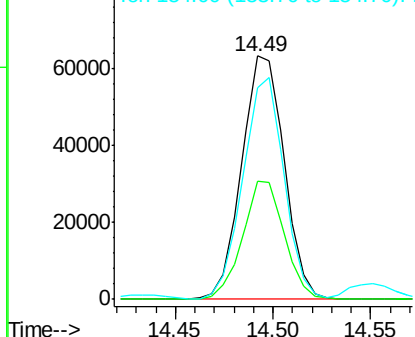
Tgt Ion:	153	Resp:	95747
Ion Ratio	Lower	Upper	
153	100		
152	48.3	37.8	56.6
154	86.9	71.4	107.0

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 1.40 ng/ul

RT: 14.55 min Scan# 2033

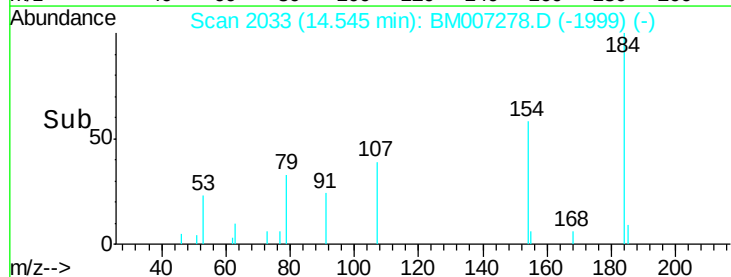
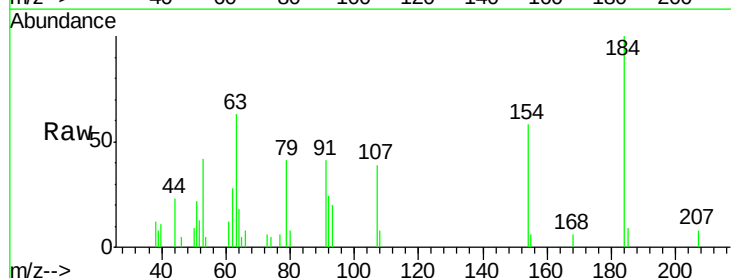
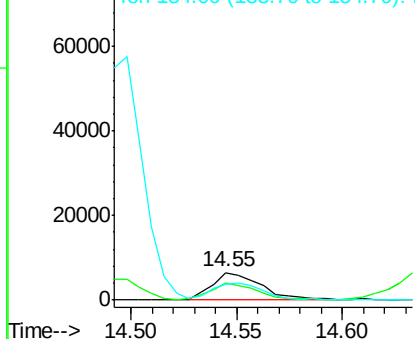
Delta R.T. 0.00 min

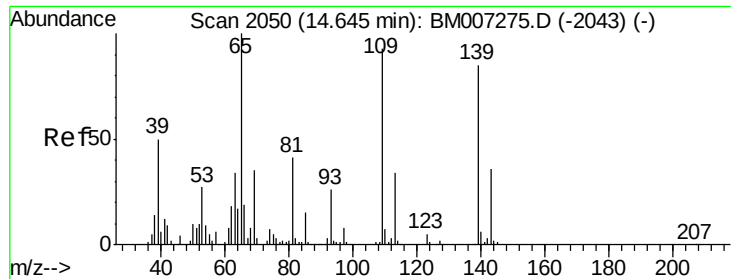
Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Tgt Ion:	184	Resp:	10553
Ion Ratio	Lower	Upper	
184	100		
63	63.4	43.4	65.0
154	57.6	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: 2.58 ng/ul

RT: 14.65 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Instrument :

BNA_M

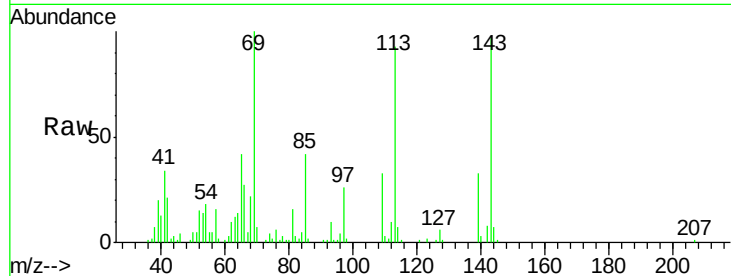
ClientSampleId :

MDL-03-W

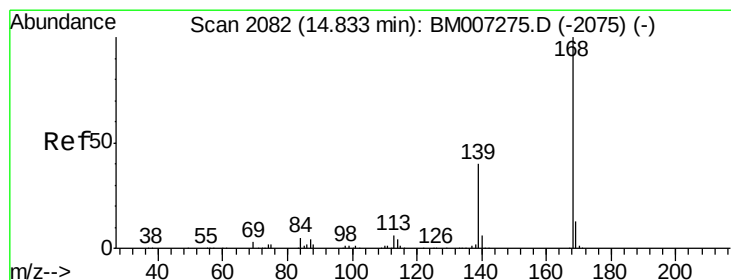
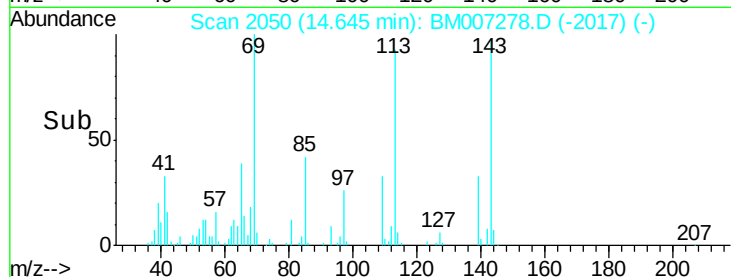
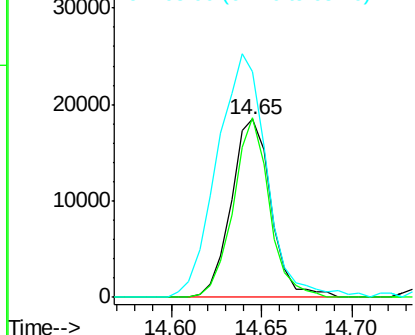
Tgt Ion:	109	Resp:	28301
Ion Ratio	Lower	Upper	
109	100		
139	100.8	88.7	133.1
65	127.1	96.4	144.6

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Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 2.30 ng/ul

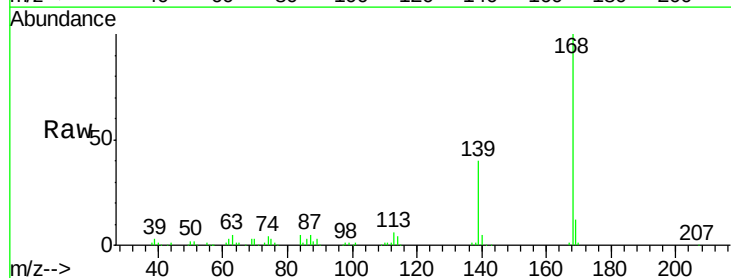
RT: 14.83 min Scan# 2082

Delta R.T. 0.00 min

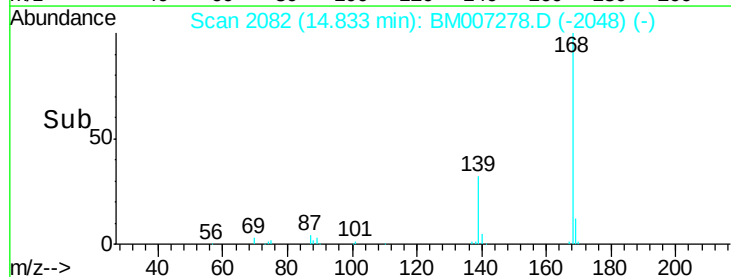
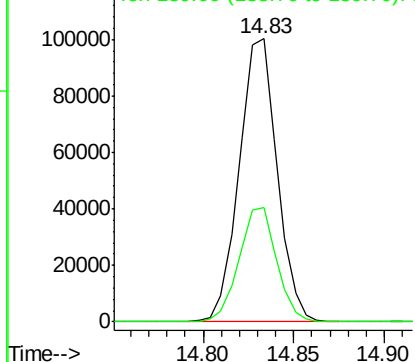
Lab File: BM007278.D

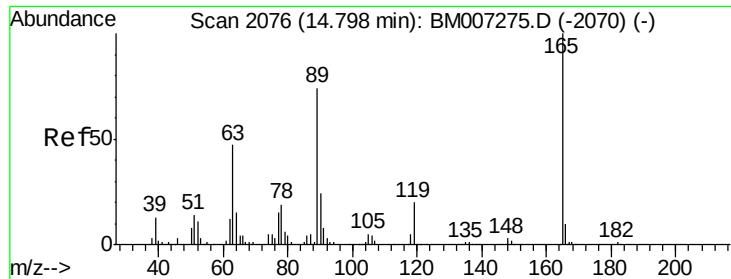
Acq: 24 Aug 2016 12:16

Tgt Ion:	168	Resp:	146118
Ion Ratio	Lower	Upper	
168	100		
139	40.5	30.1	45.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





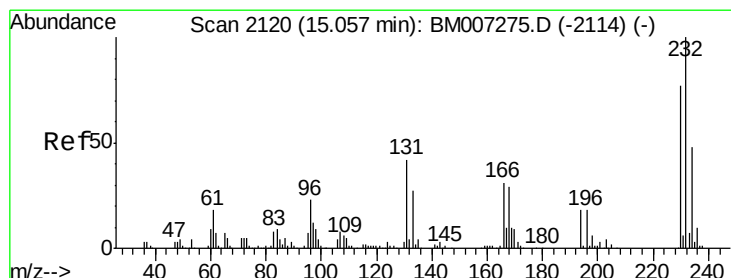
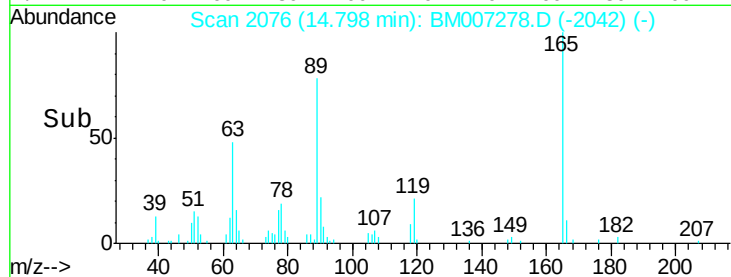
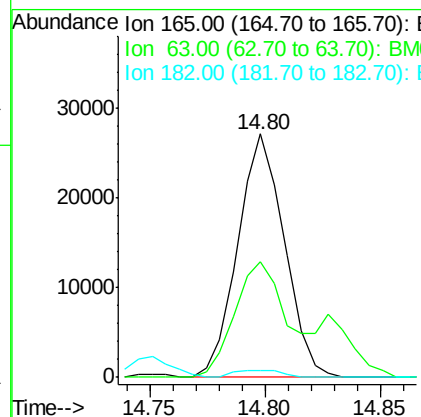
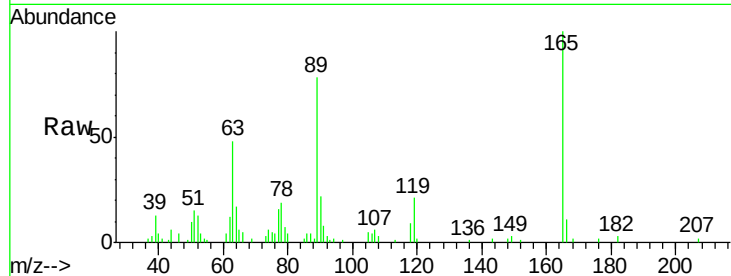
#54
 2,4-Dinitrotoluene
 Concen: 2.24 ng/ul
 RT: 14.80 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-W

Tgt Ion:	165	Resp:	38105
Ion Ratio	Lower	Upper	
165	100		
63	47.5	36.2	54.2
182	2.9	2.2	3.4

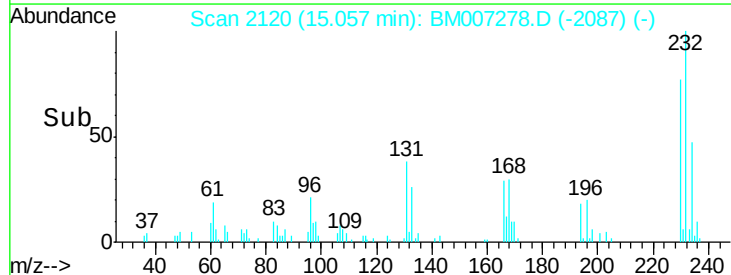
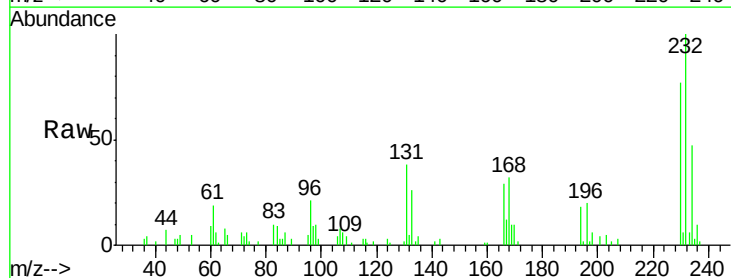
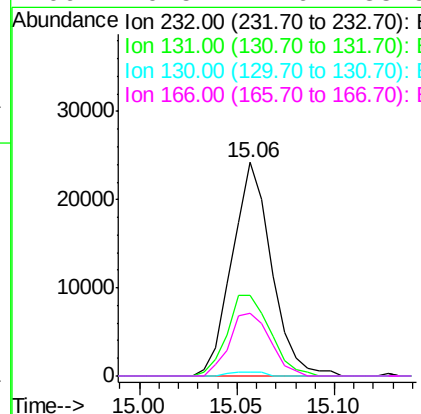
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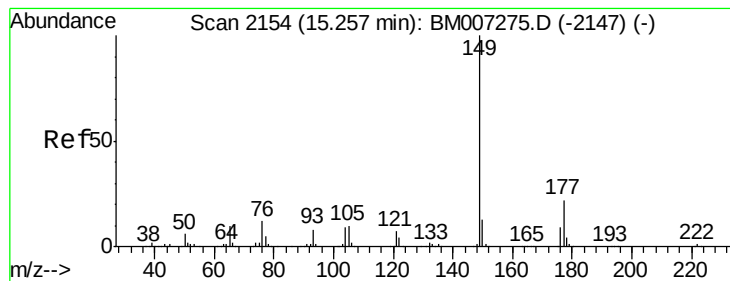
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.13 ng/ul
 RT: 15.06 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Tgt Ion:	232	Resp:	34009
Ion Ratio	Lower	Upper	
232	100		
131	37.7	31.4	47.0
130	1.8	1.6	2.4
166	29.5	22.6	33.8





#56

Diethylphthalate

Concen: 2.35 ng/ul

RT: 15.26 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Instrument :

BNA_M

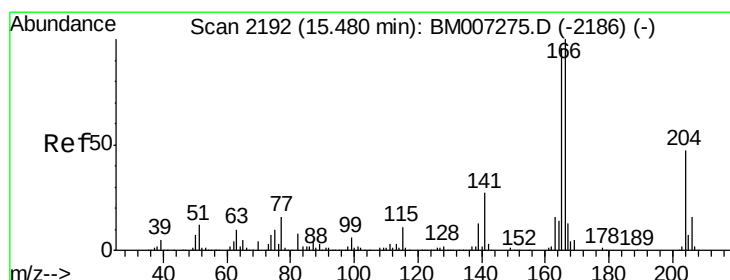
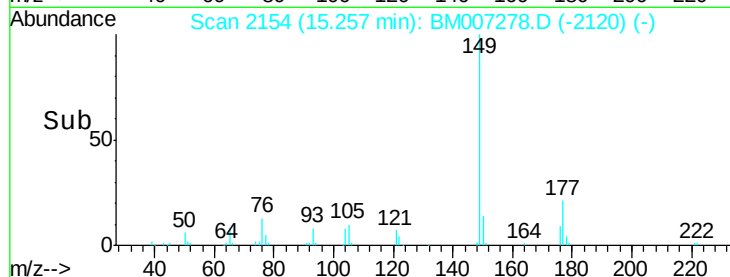
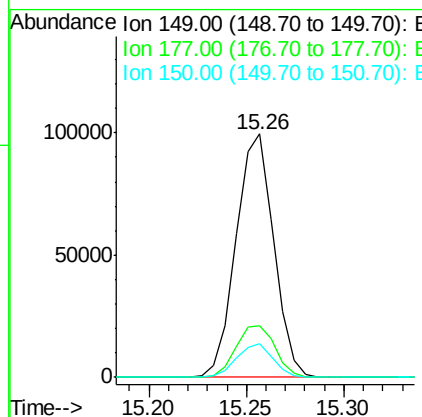
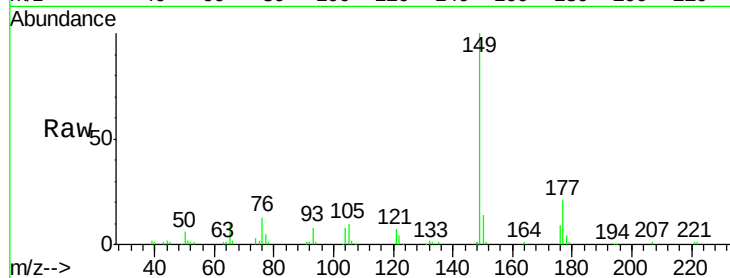
ClientSampled :

MDL-03-W

Tgt Ion:	149	Resp:	133554
Ion Ratio	Lower	Upper	
149	100		
177	21.3	18.6	28.0
150	13.6	10.0	15.0

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#58

Fluorene

Concen: 2.42 ng/ul

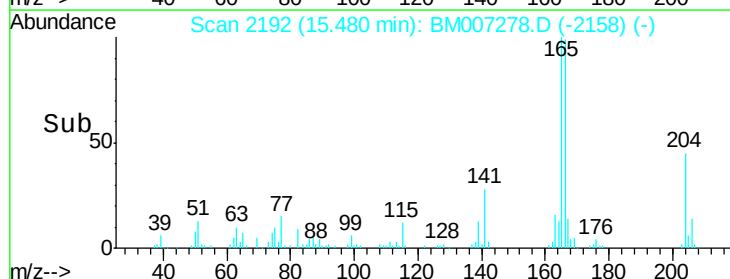
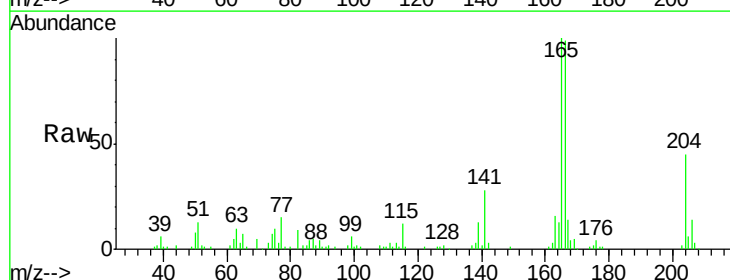
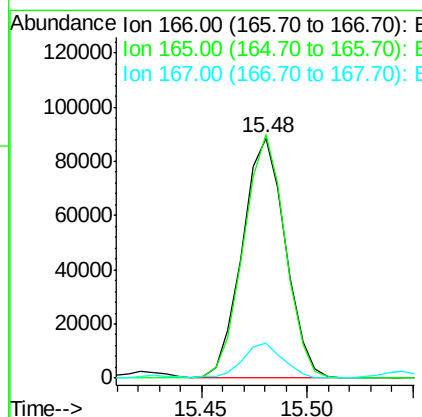
RT: 15.48 min Scan# 2192

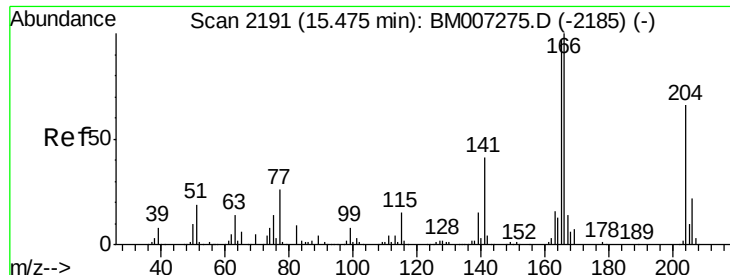
Delta R.T. 0.00 min

Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Tgt Ion:	166	Resp:	126189
Ion Ratio	Lower	Upper	
166	100		
165	101.3	79.9	119.9
167	14.4	10.5	15.7





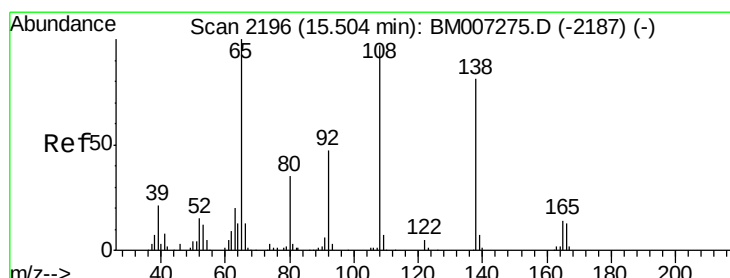
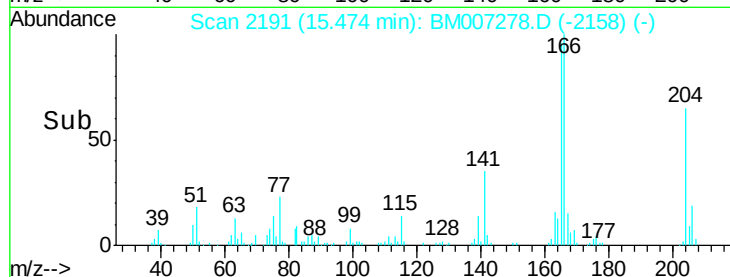
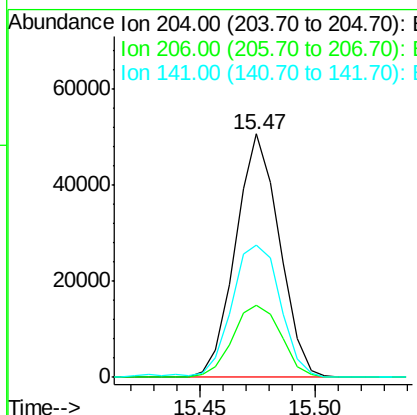
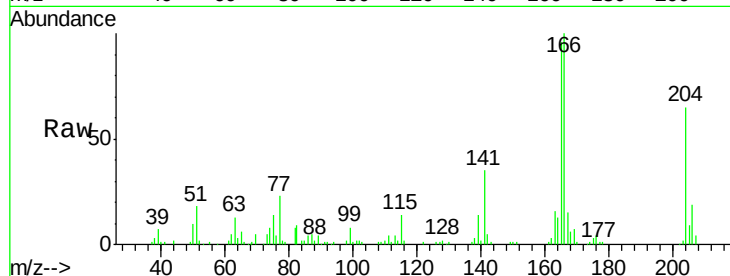
#59
 4-Chlorophenyl-phenylether
 Concen: 2.46 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Instrument :
 BNA_M
 ClientSampled :
 MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	67096		
206	29.6	25.9	38.9	
141	54.6	46.1	69.1	

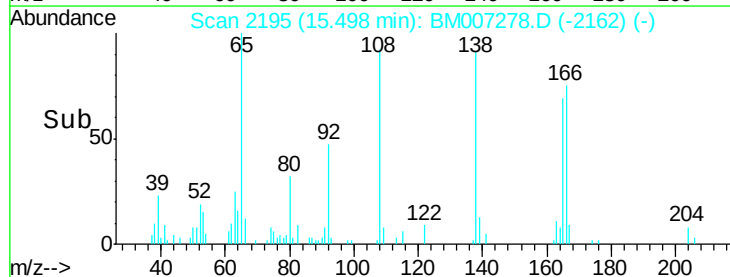
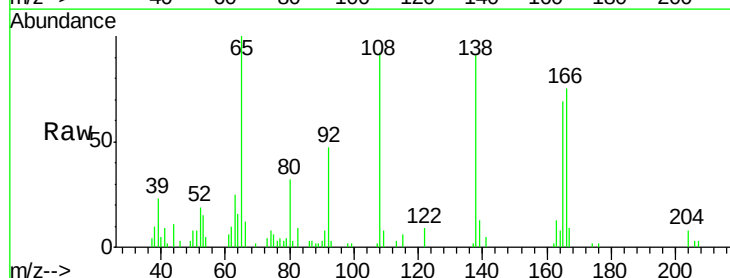
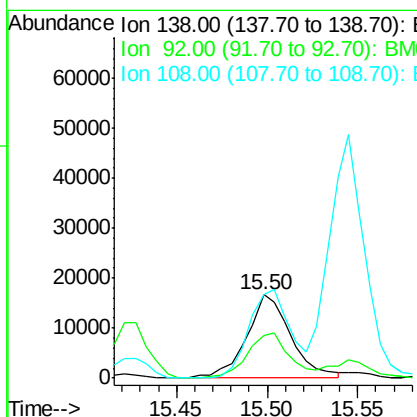
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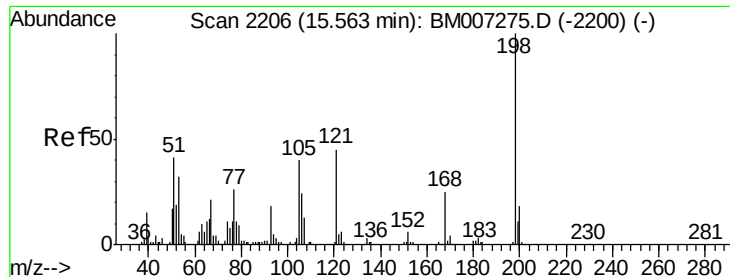
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#60
 4-Nitroaniline
 Concen: 2.20 ng/ul
 RT: 15.50 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	28276		
92	51.1	43.5	65.3	
108	100.9	80.3	120.5	





#63

4,6-Dinitro-2-methylphenol

Concen: 2.37 ng/ul

RT: 15.56 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Instrument :

BNA_M

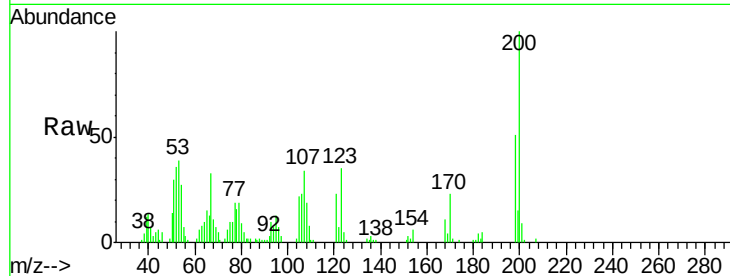
ClientSampled :

MDL-03-W

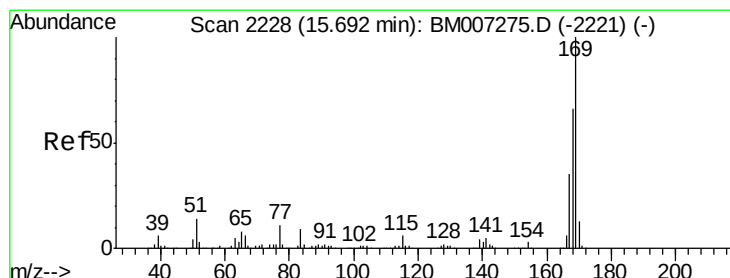
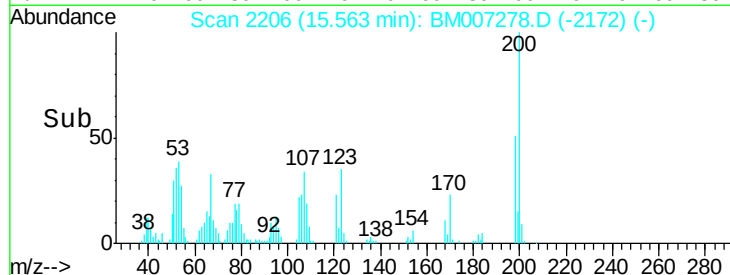
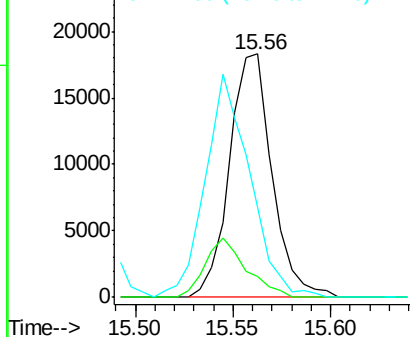
Tgt Ion:	198	Resp:	27745
Ion Ratio	Lower	Upper	
198	100		
182	8.6	3.3	4.9#
77	37.1	21.8	32.6#

Manual Integrations
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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): B



#64

N-Nitrosodiphenylamine

Concen: 2.30 ng/ul

RT: 15.69 min Scan# 2227

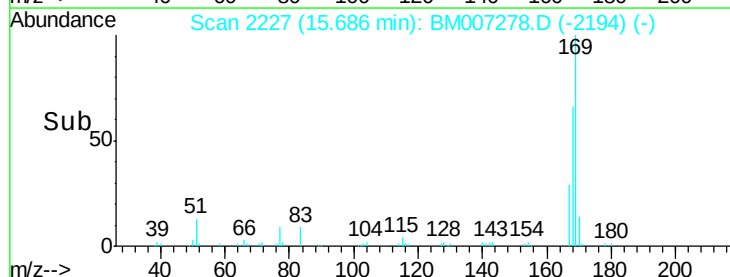
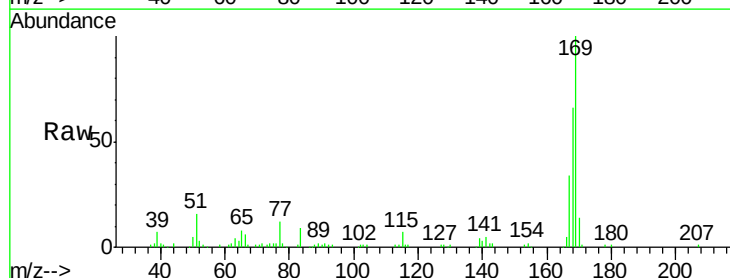
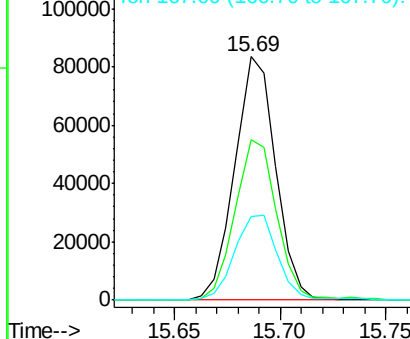
Delta R.T. -0.01 min

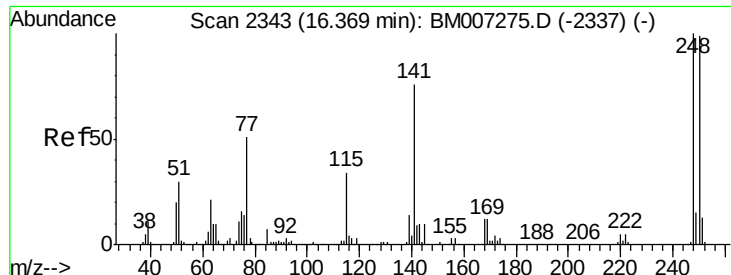
Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Tgt Ion:	169	Resp:	112173
Ion Ratio	Lower	Upper	
169	100		
168	65.9	52.6	79.0
167	34.2	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





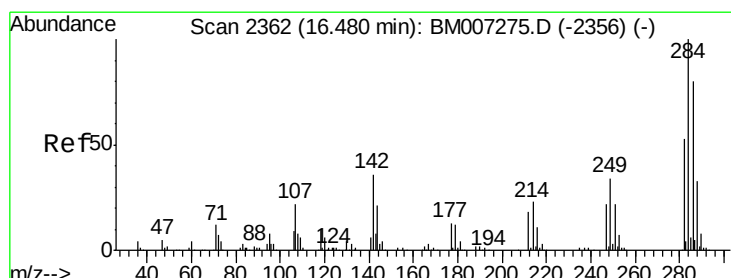
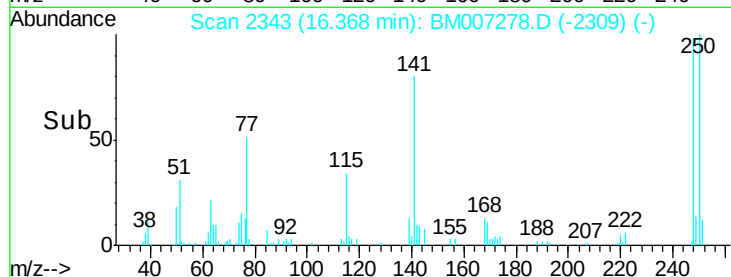
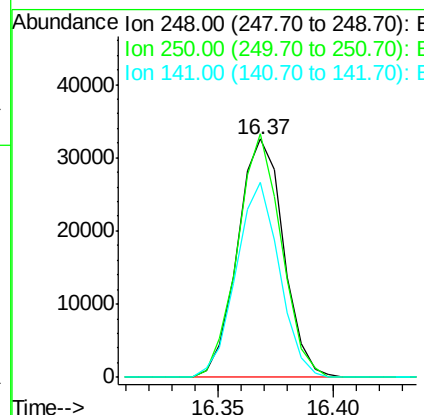
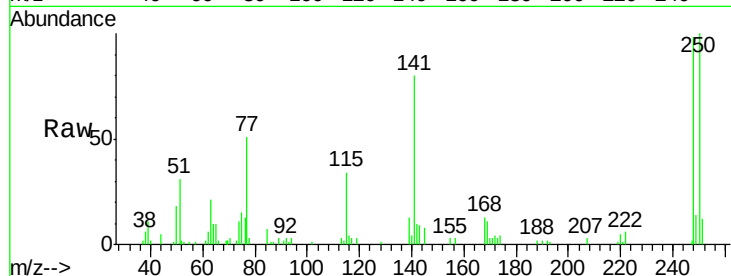
#65
4-Bromophenyl-phenylether
Concen: 2.29 ng/ul
RT: 16.37 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Instrument :
BNA_M
ClientSampled :
MDL-03-W

Tgt Ion	Ratio	Lower	Upper
248	100		
250	102.1	79.7	119.5
141	81.7	58.3	87.5

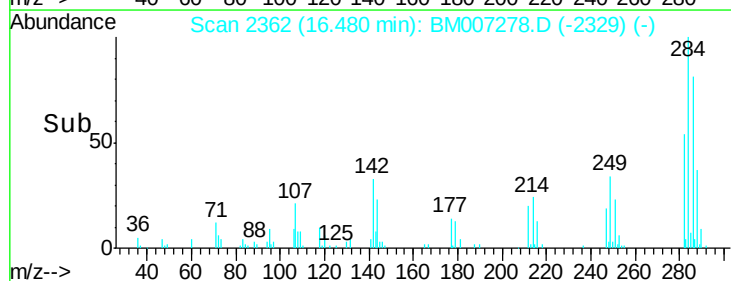
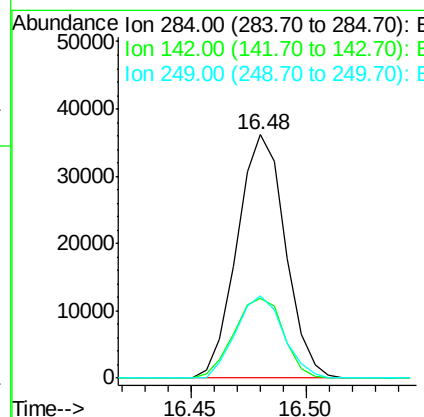
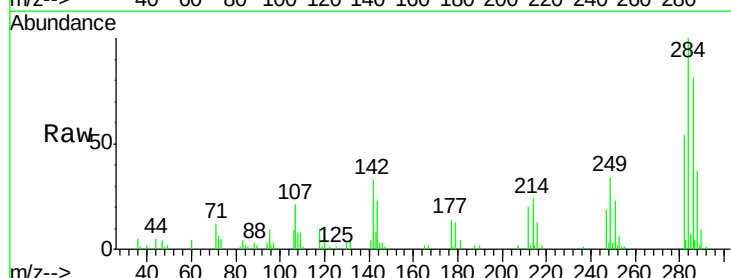
Manual Integrations
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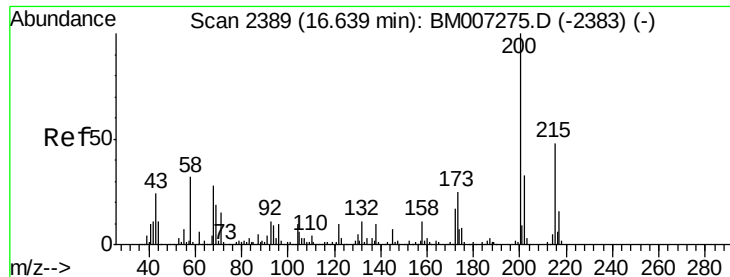
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#66
Hexachlorobenzene
Concen: 2.38 ng/ul
RT: 16.48 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	24.9	37.3
249	34.0	25.5	38.3





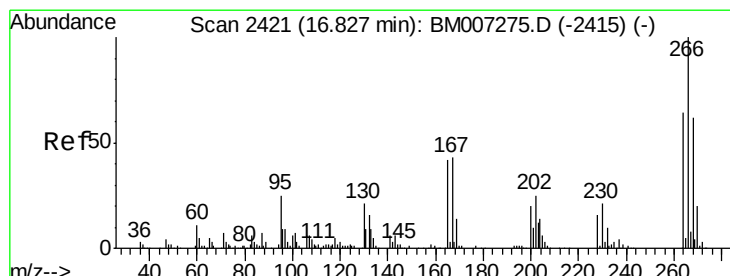
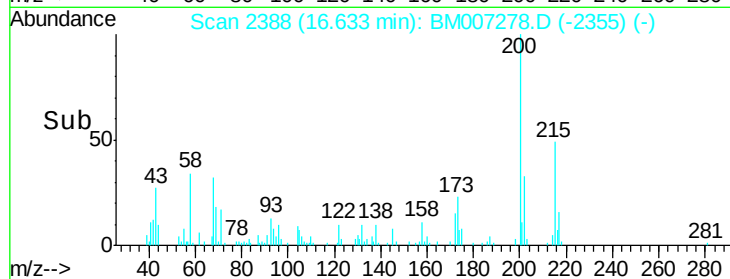
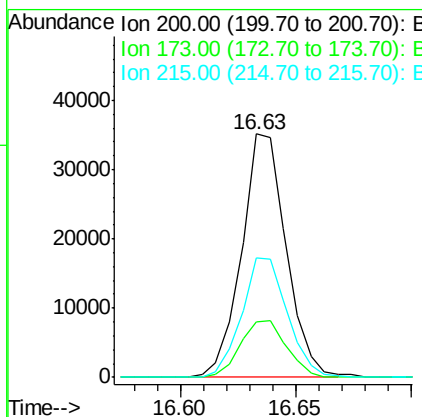
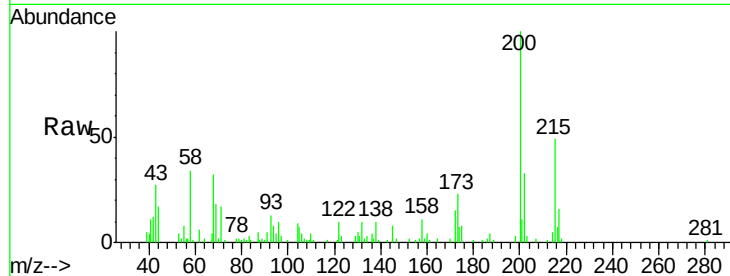
#67
 Atrazine
 Concen: 2.31 ng/ul
 RT: 16.63 min Scan# 2388
 Delta R.T. -0.01 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Instrument :
 BNA_M
 ClientSampled :
 MDL-03-W

Tgt Ion:	200	Resp:	47545
Ion Ratio	Lower	Upper	
200	100		
173	22.5	18.9	28.3
215	49.3	39.5	59.3

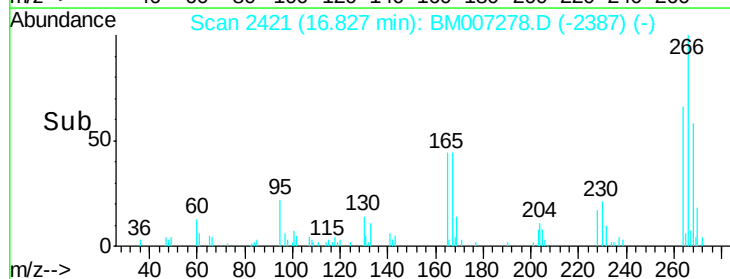
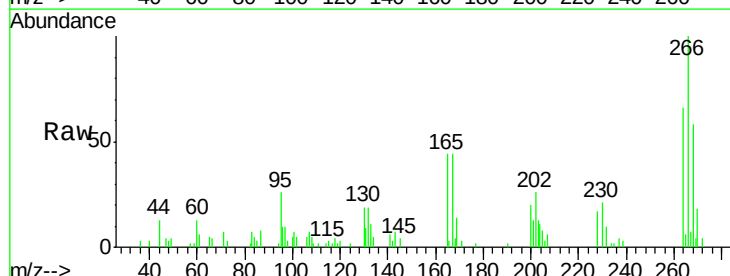
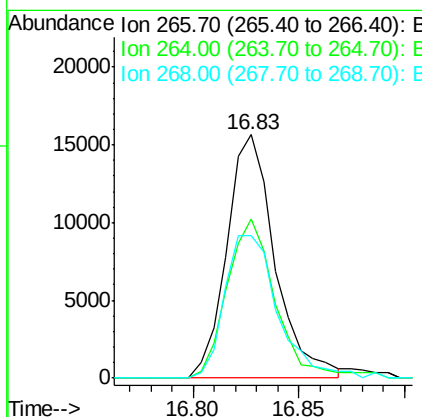
Manual Integrations
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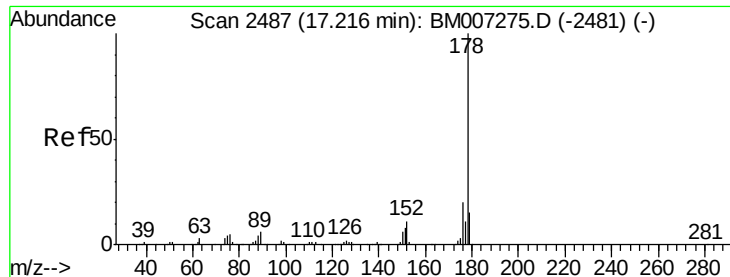
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#68
 Pentachlorophenol
 Concen: 1.73 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Tgt Ion:	266	Resp:	24715
Ion Ratio	Lower	Upper	
266	100		
264	65.5	50.6	75.8
268	58.3	51.0	76.6





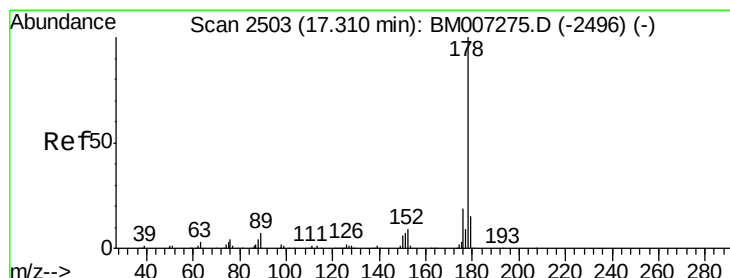
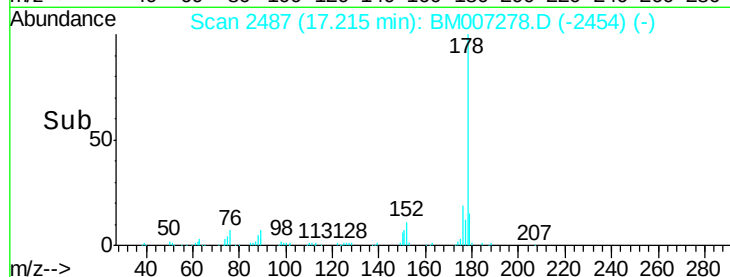
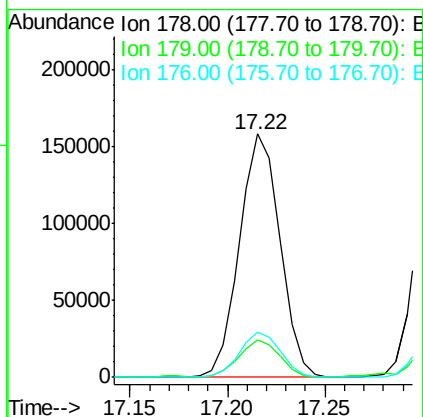
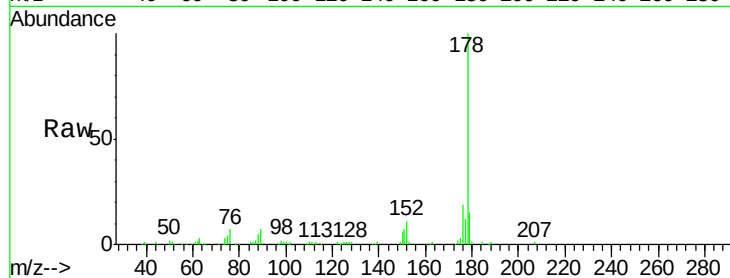
#69
Phenanthrene
Concen: 2.42 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Instrument :
BNA_M
ClientSampleId :
MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	226606		
179	15.5	12.2	18.2	
176	18.5	15.1	22.7	

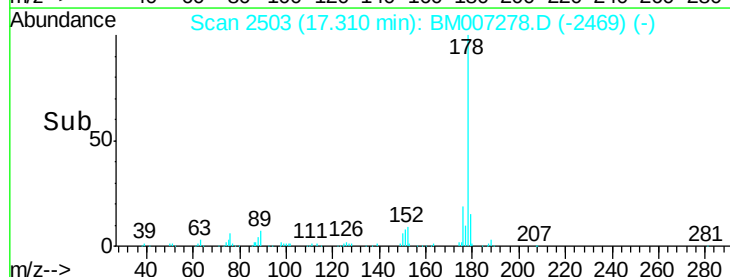
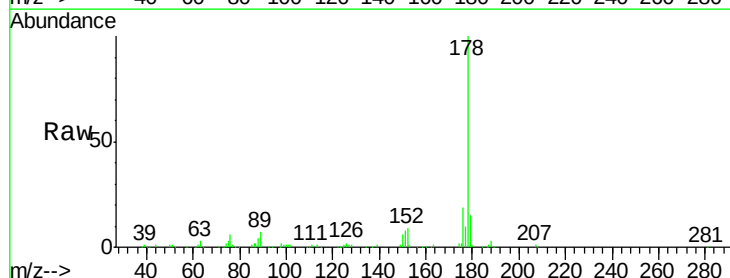
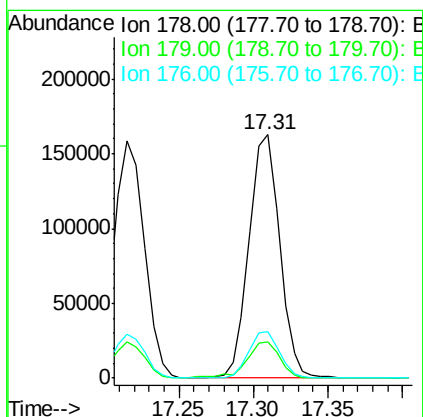
Manual Integrations
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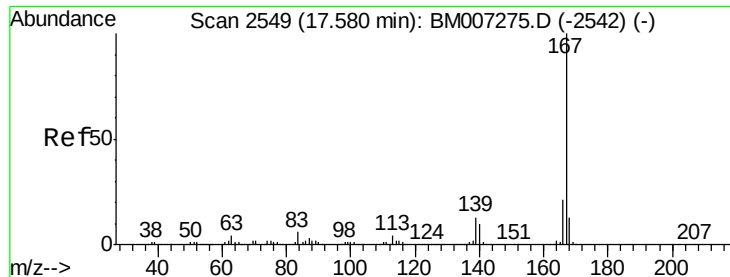
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#71
Anthracene
Concen: 2.37 ng/ul
RT: 17.31 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	229314		
179	14.7	12.1	18.1	
176	18.9	14.5	21.7	





#72

Carbazole

Concen: 2.44 ng/ul

RT: 17.58 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Instrument :

BNA_M

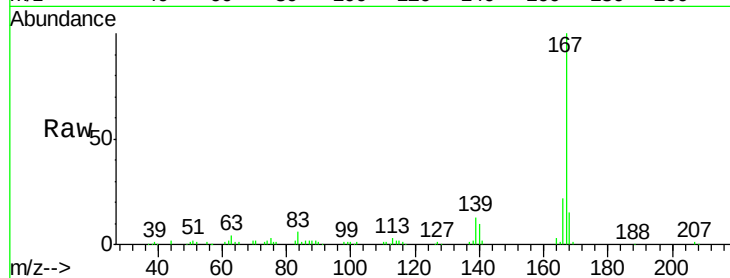
ClientSampled :

MDL-03-W

Tgt Ion:	167	Resp:	205029
Ion Ratio	Lower	Upper	
167	100		
166	21.6	16.6	25.0
139	13.1	10.2	15.4

Manual Integrations
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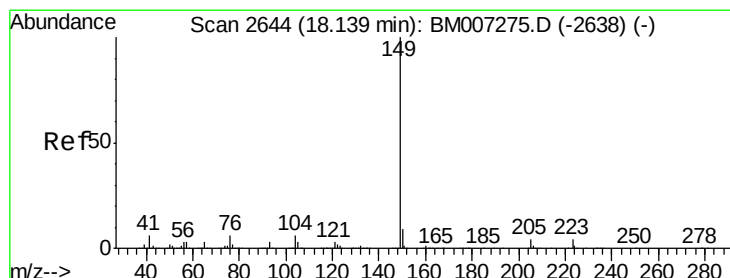
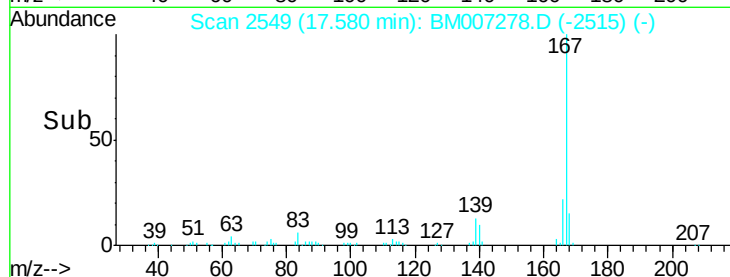
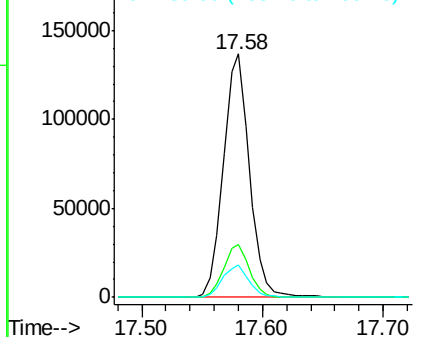
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 2.24 ng/ul

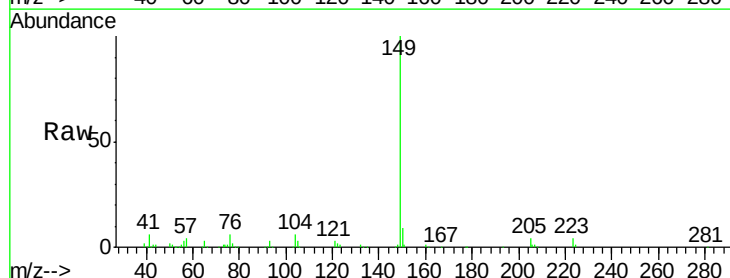
RT: 18.14 min Scan# 2644

Delta R.T. -0.01 min

Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

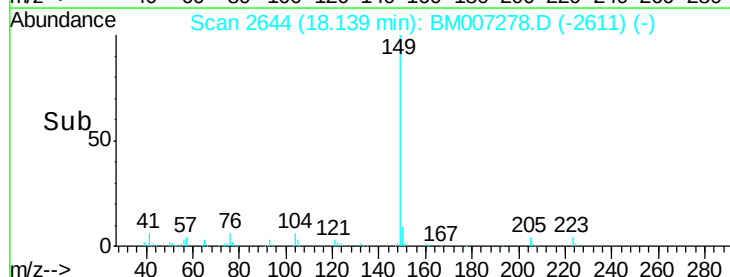
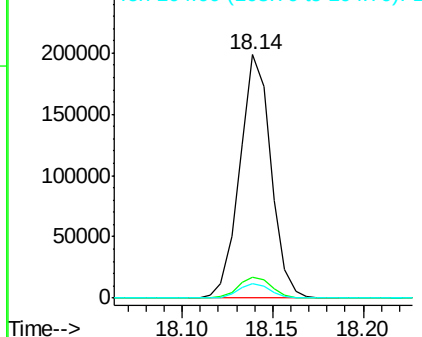
Tgt Ion:	149	Resp:	237457
Ion Ratio	Lower	Upper	
149	100		
150	8.6	7.6	11.4
104	6.1	4.6	7.0

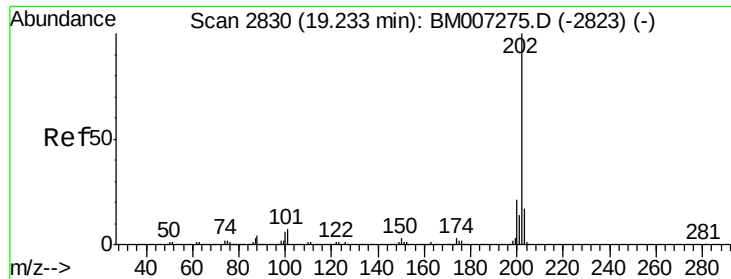


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 2.59 ng/ul

RT: 19.23 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Instrument :

BNA_M

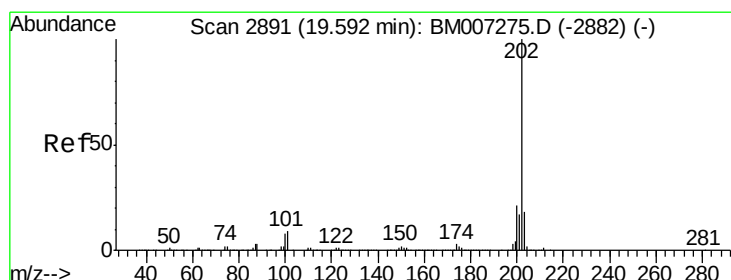
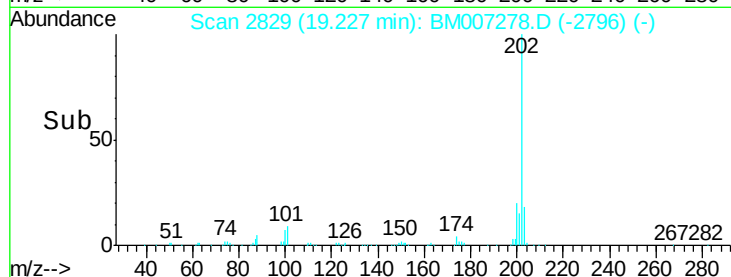
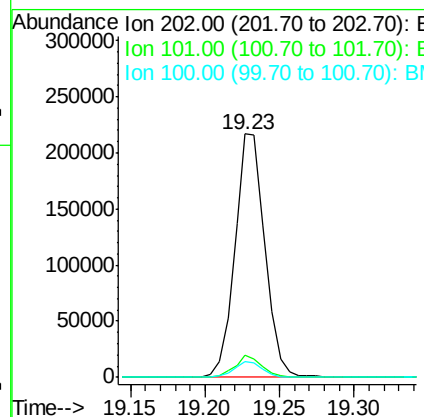
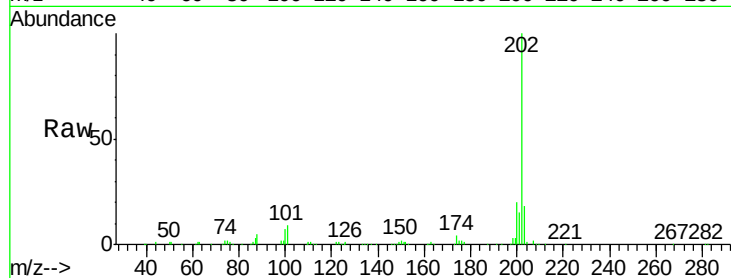
ClientSampled :

MDL-03-W

Tgt Ion:	202	Resp:	304124
Ion Ratio	Lower	Upper	
202	100		
101	8.9	6.9	10.3
100	6.6	5.4	8.0

Manual Integrations
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#77

Pyrene

Concen: 2.34 ng/ul

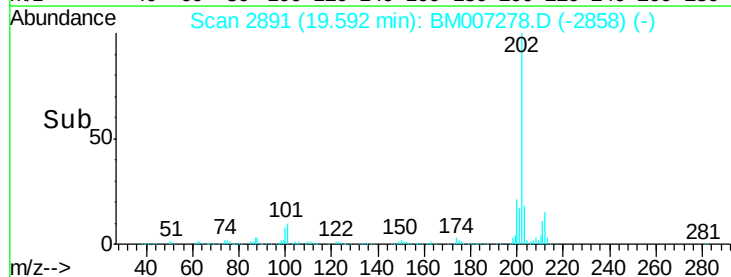
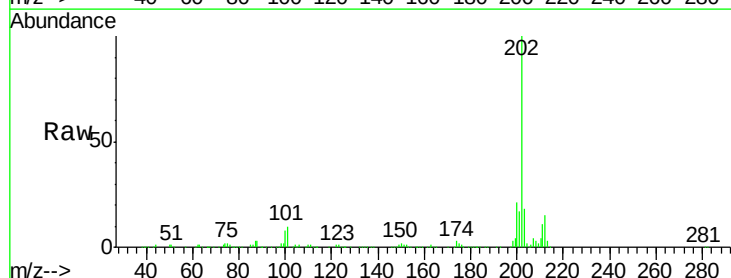
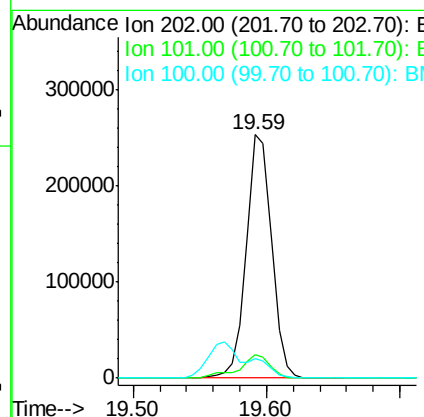
RT: 19.59 min Scan# 2891

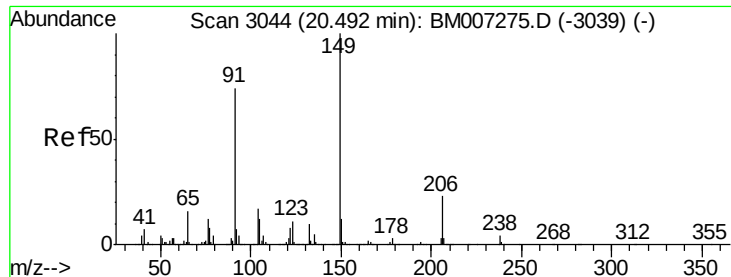
Delta R.T. -0.01 min

Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Tgt Ion:	202	Resp:	331838
Ion Ratio	Lower	Upper	
202	100		
101	9.8	8.4	12.6
100	8.0	6.9	10.3





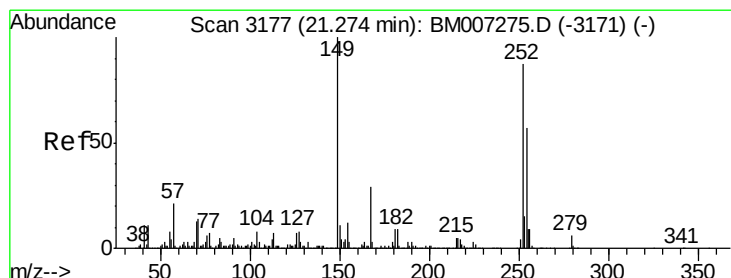
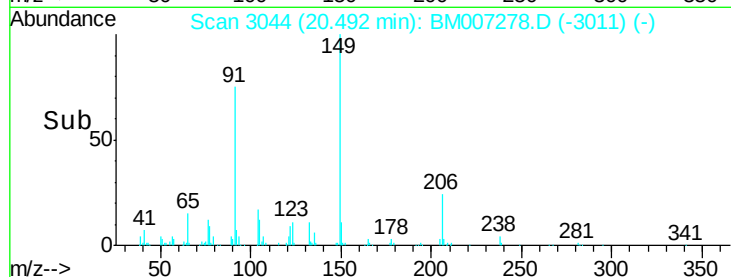
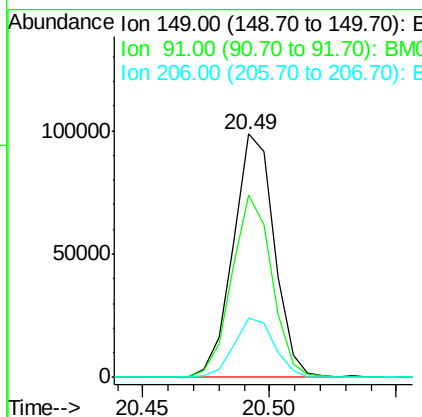
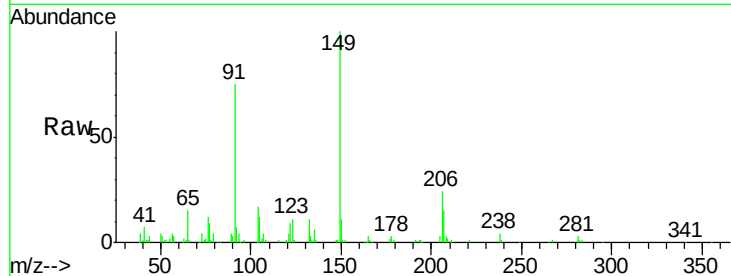
#78
Butylbenzylphthalate
Concen: 1.89 ng/ul
RT: 20.49 min Scan# 3044
Delta R.T. -0.01 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Instrument :
BNA_M
ClientSampled :
MDL-03-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	74.8	57.3	85.9
206	24.5	18.6	27.8

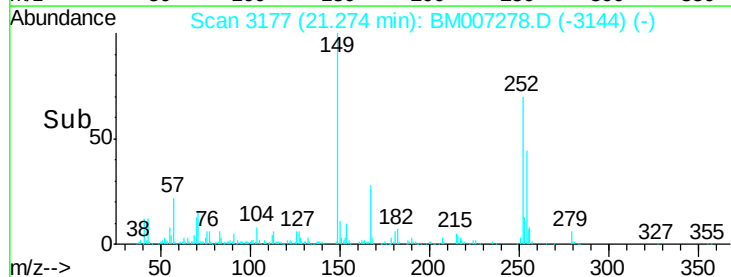
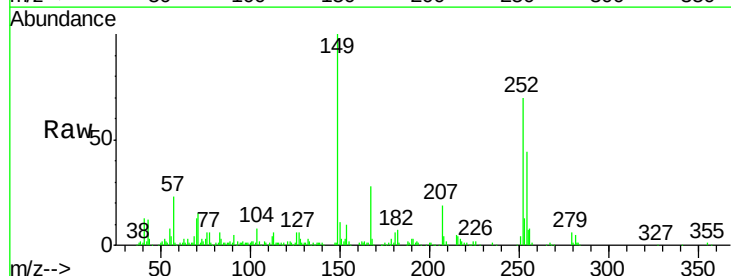
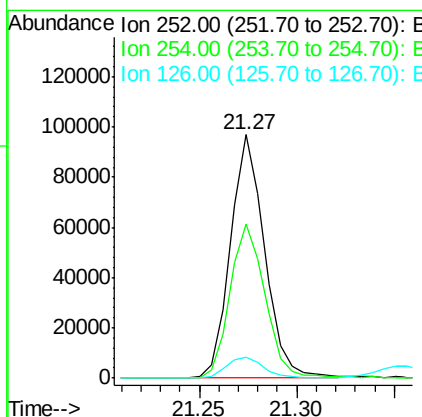
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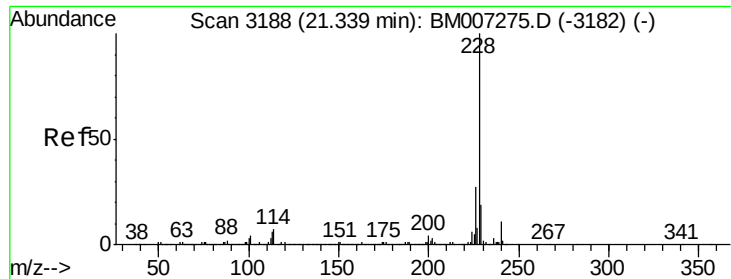
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#79
3,3'-Dichlorobenzidine
Concen: 2.24 ng/ul
RT: 21.27 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.3	51.0	76.4
126	8.6	7.1	10.7





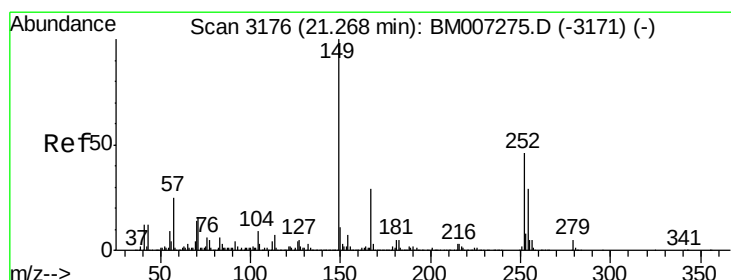
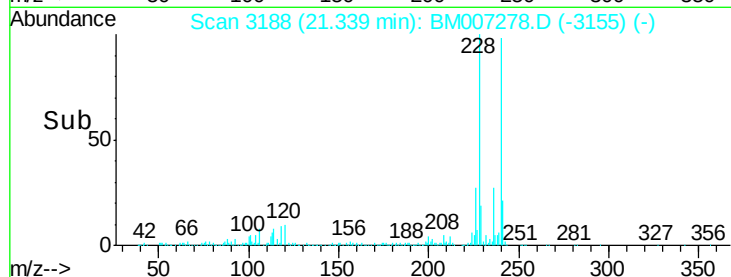
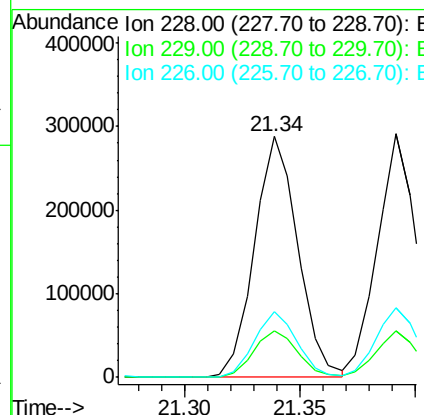
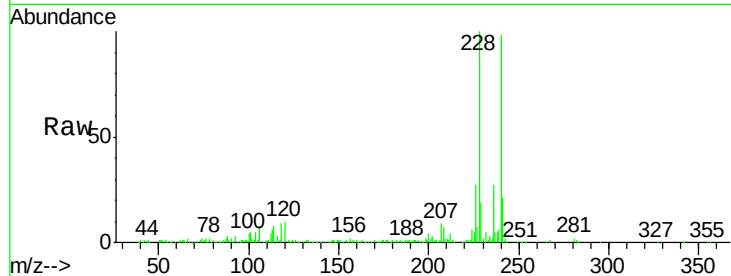
#80
 Benzo(a)anthracene
 Concen: 2.42 ng/ul
 RT: 21.34 min Scan# 3188
 Delta R.T. -0.01 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	376765		
229	19.1	15.6	23.4	
226	27.1	21.8	32.8	

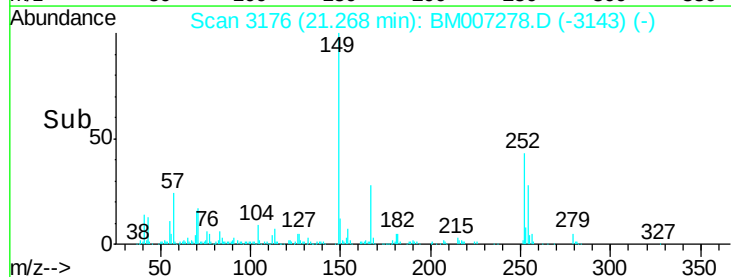
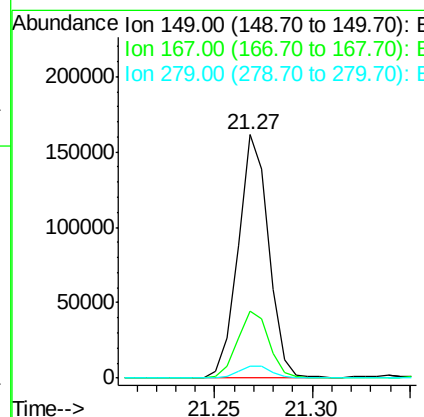
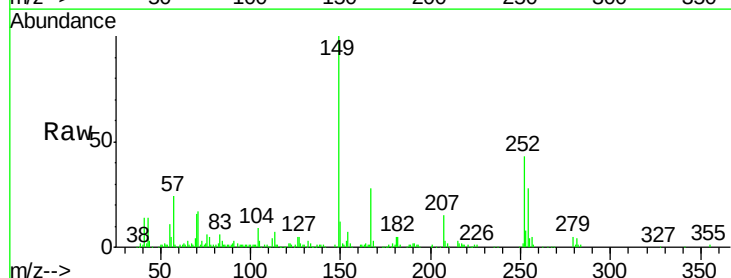
Manual Integrations
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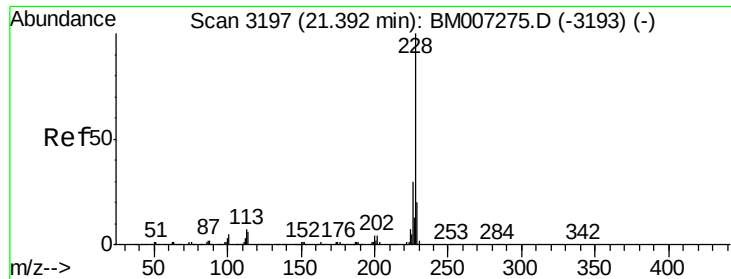
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#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.04 ng/ul
 RT: 21.27 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BM007278.D
 Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	174832		
167	27.8	23.2	34.8	
279	4.9	4.1	6.1	





#82

Chrysene

Concen: 2.44 ng/ul

RT: 21.39 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

Instrument :

BNA_M

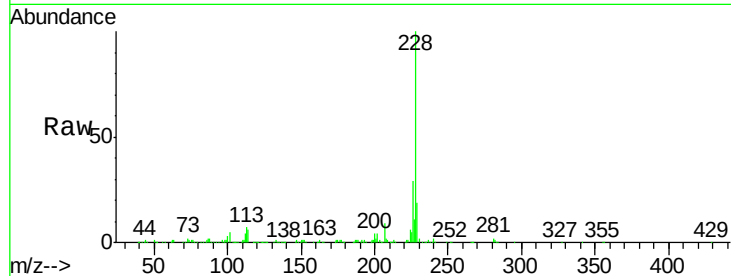
ClientSampleId :

MDL-03-W

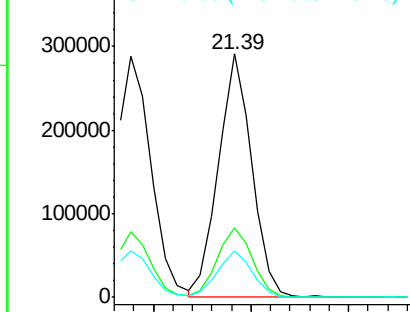
Tgt Ion:	228	Resp:	343803
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.4	35.2
229	19.3	15.5	23.3

Manual Integrations
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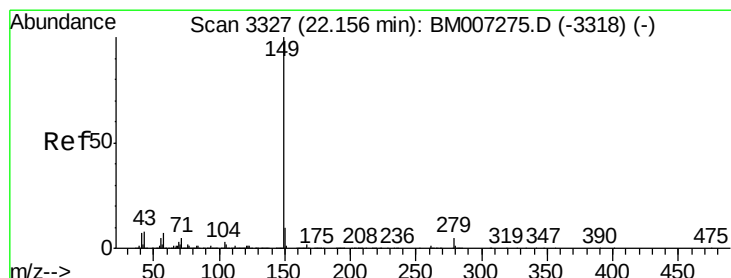
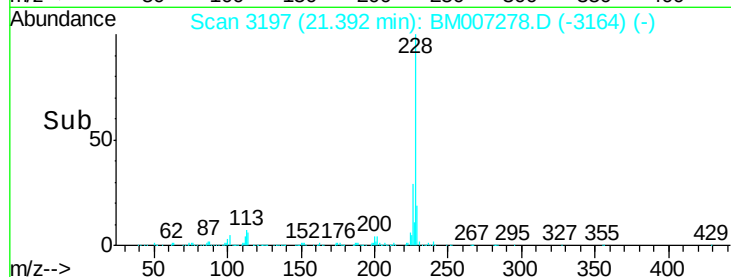
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 2.08 ng/ul

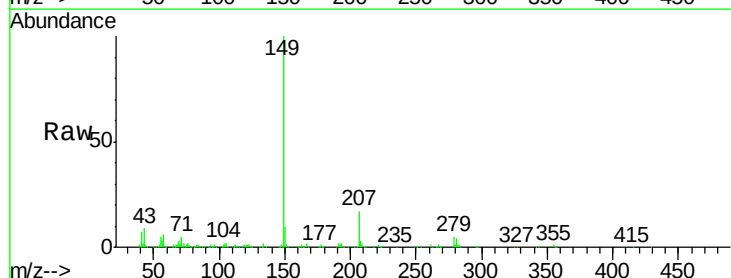
RT: 22.16 min Scan# 3327

Delta R.T. -0.01 min

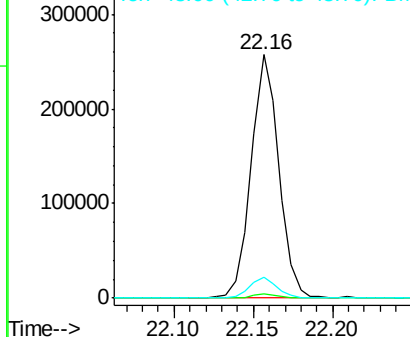
Lab File: BM007278.D

Acq: 24 Aug 2016 12:16

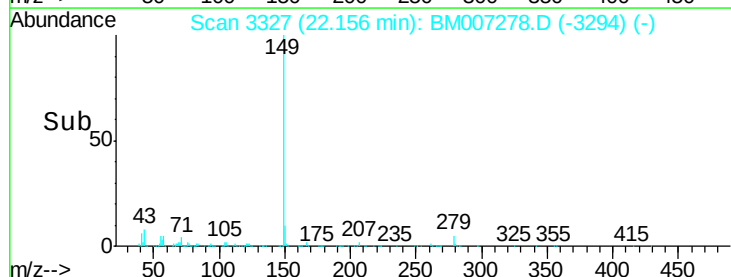
Tgt Ion:	149	Resp:	309845
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.6	6.6	10.0

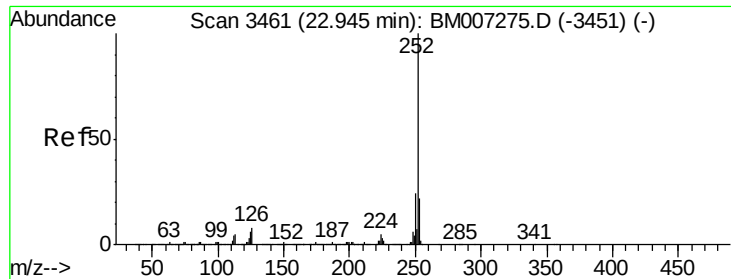


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM0



Time-->





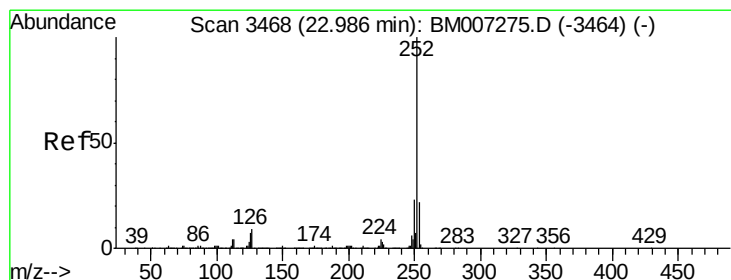
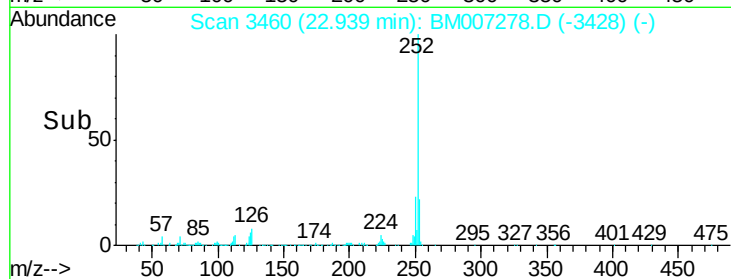
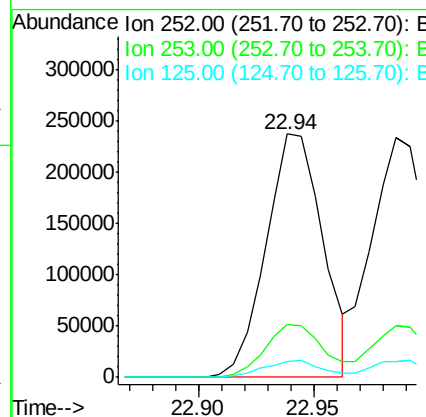
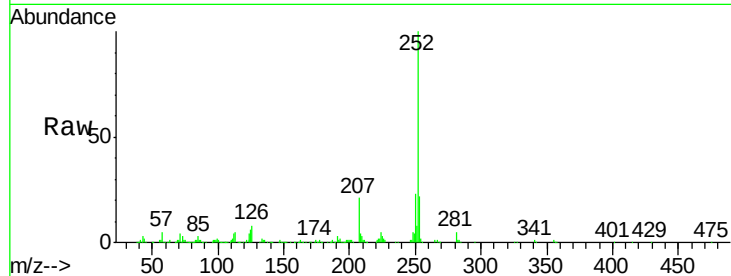
#85
Benzo(b)fluoranthene
Concen: 2.30 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Instrument :
BNA_M
ClientSampleId :
MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	405670		
253	21.6	17.1	25.7	
125	6.3	5.8	8.8	

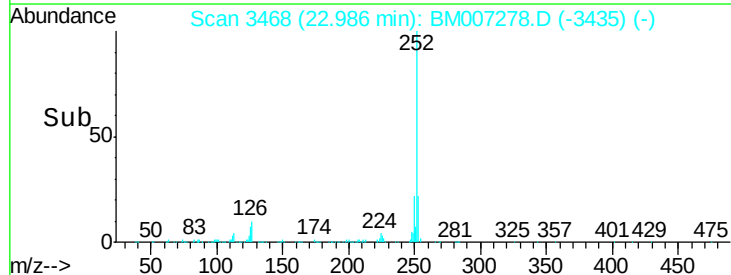
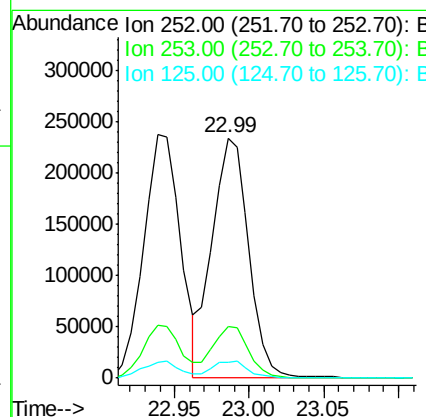
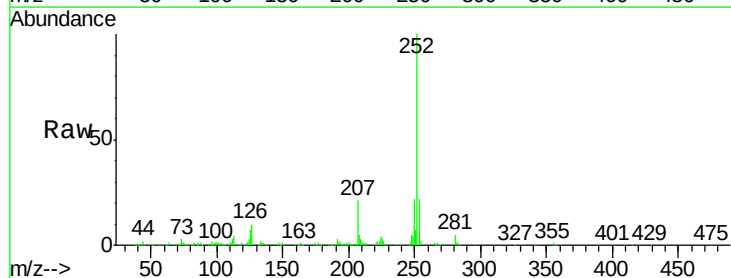
Manual Integrations
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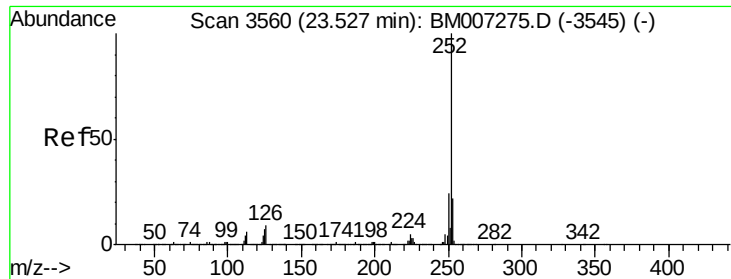
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#86
Benzo(k)fluoranthene
Concen: 2.45 ng/ul
RT: 22.99 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	399036		
253	21.7	17.6	26.4	
125	6.8	5.7	8.5	





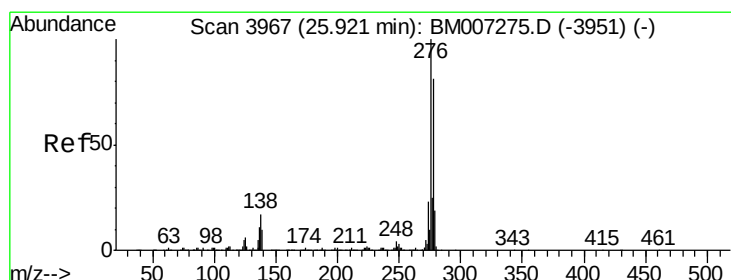
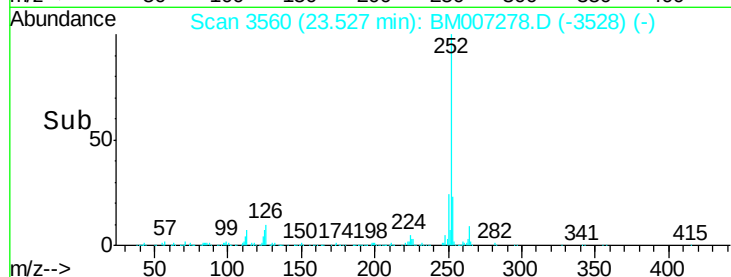
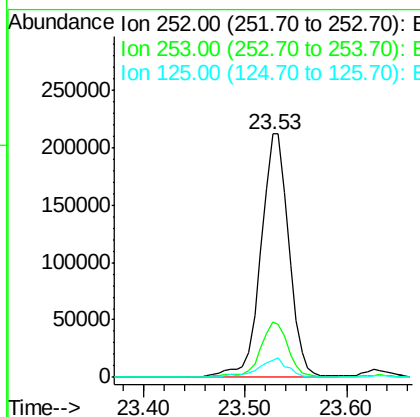
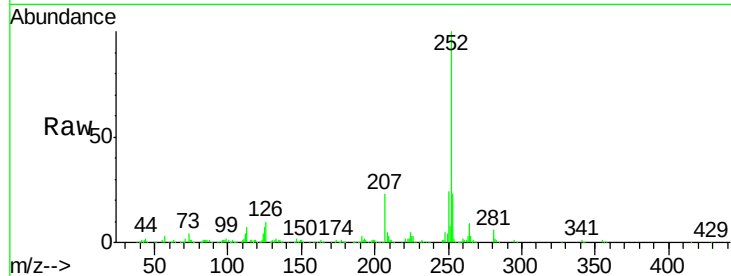
#88
Benzo(a)pyrene
Concen: 2.41 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Instrument :
BNA_M
ClientSampled :
MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	407418		
253	22.8	17.7	26.5	
125	6.9	6.6	9.8	

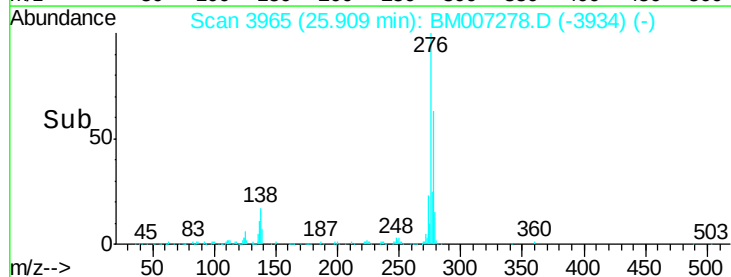
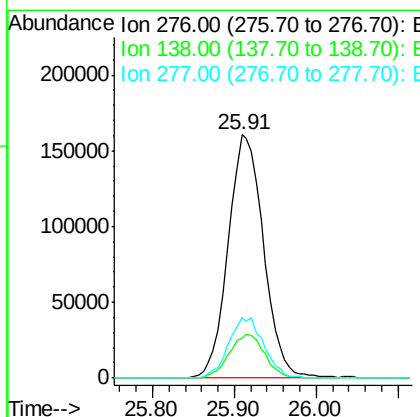
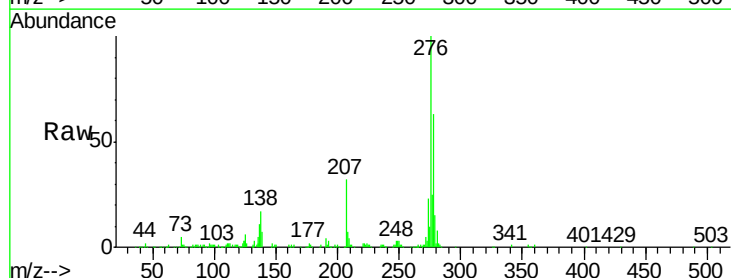
Manual Integrations
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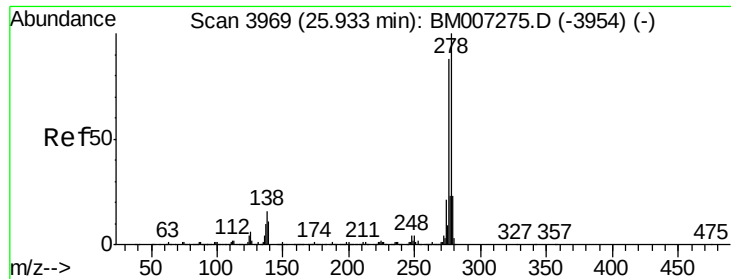
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.34 ng/ul
RT: 25.91 min Scan# 3965
Delta R.T. -0.02 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	485451		
138	16.6	13.9	20.9	
277	25.0	20.1	30.1	





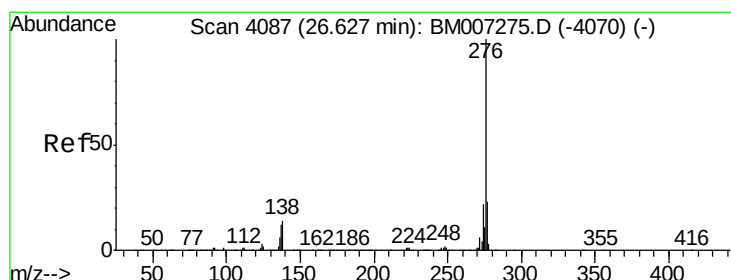
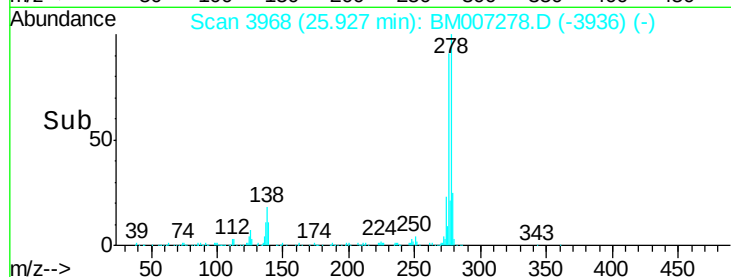
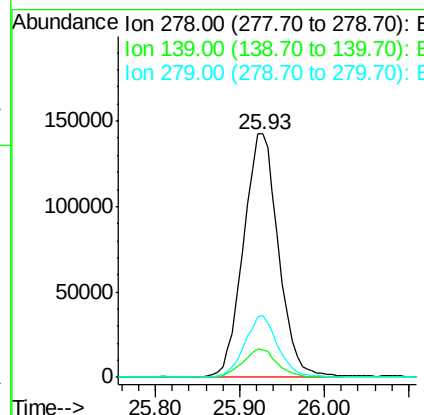
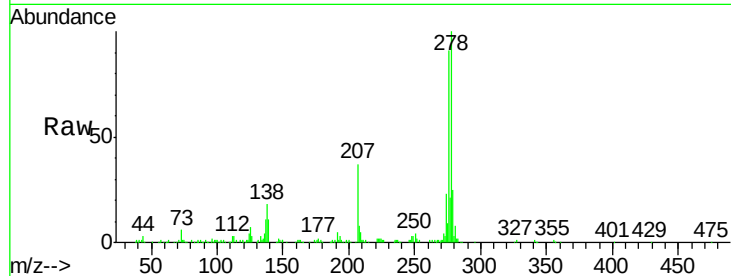
#90
Dibenzo(a,h)anthracene
Concen: 2.38 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.01 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Instrument :
BNA_M
ClientSampleId :
MDL-03-W

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.4	9.5	14.3
279	25.5	19.1	28.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.31 ng/ul
RT: 26.61 min Scan# 4085
Delta R.T. -0.02 min
Lab File: BM007278.D
Acq: 24 Aug 2016 12:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	13.5	20.3
277	23.9	19.3	28.9

