

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
 Data File : BM007279.D
 Acq On : 24 Aug 2016 15:29
 Operator : UM/SJ
 Sample : MDL-04-W
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 MDL-04-W

Manual Integrations
 APPROVED

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 8/24/2016 7:28:25 PM

Quant Time: Aug 24 16:12:30 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	151368	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	759037	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	559878	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1553190	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2292485	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2582019	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	10501	3.55	ng/uL	0.00
5) Phenol-d5	6.96	99	447994	31.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	263318	35.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	348278	32.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	400770	32.14	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	191206	34.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	225633	34.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	408977	31.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	595451	36.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1809745	37.47	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1984202	35.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	335810	36.83	ng/ul	0.00
57) Fluorene-d10	15.43	176	1522147	36.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	337667	34.57	ng/ul	0.00
70) Anthracene-d10	17.27	188	2597289	35.80	ng/ul	0.00
76) Pyrene-d10	19.57	212	3363890	35.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	4228656	35.56	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	2740m	0.83	ng/ul
4) Benzaldehyde	6.95	77	28405	3.49	ng/ul 97
6) Phenol	6.99	94	38001	2.56	ng/ul# 85
8) Bis(2-Chloroethyl)ether	7.23	93	31957	3.09	ng/ul 97
10) 2-Chlorophenol	7.36	128	28810	2.66	ng/ul 98
11) 2-Methylphenol	8.23	108	29734	2.56	ng/ul 89
12) 2,2'-oxybis(1-Chloropropan	8.33	45	33727	2.90	ng/ul# 91
14) Acetophenone	8.62	105	55592	2.91	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.60	70	28160	2.77	ng/ul 97
16) 4-Methylphenol	8.56	108	34076	2.62	ng/ul 99
17) Hexachloroethane	8.87	117	11904	2.83	ng/ul 93
20) Nitrobenzene	9.00	77	44206	3.09	ng/ul 91
21) Isophorone	9.52	82	84099	2.88	ng/ul 97
23) 2-Nitrophenol	9.70	139	20529	2.90	ng/ul 94
24) 2,4-Dimethylphenol	9.76	107	44331	2.84	ng/ul 94
25) Bis(2-Chloroethoxy)methane	10.00	93	45973	2.80	ng/ul 94
27) 2,4-Dichlorophenol	10.23	162	35866	2.79	ng/ul 96
28) Naphthalene	10.63	128	108964	2.89	ng/ul 99
30) 4-Chloroaniline	10.75	127	50474	3.03	ng/ul 94
31) Hexachlorobutadiene	10.92	225	26822	3.08	ng/ul 93
32) Caprolactam	11.54	113	13816m	2.67	ng/ul
33) 4-Chloro-3-methylphenol	11.86	107	41839	2.63	ng/ul# 90
34) 2-Methylnaphthalene	12.25	142	87299	2.83	ng/ul 98

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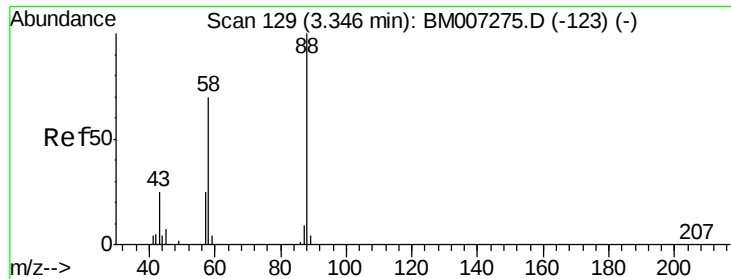
Manual Integrations
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Quant Time: Aug 24 16:12:30 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	55280	2.97	ng/ul	96
37) Hexachlorocyclopentadiene	12.59	237	23938	2.13	ng/ul	93
38) 2,4,6-Trichlorophenol	12.86	196	33857	2.57	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	37096	2.70	ng/ul	93
40) 1,1'-Biphenyl	13.26	154	127866	2.94	ng/ul#	98
41) 2-Chloronaphthalene	13.30	162	100112	2.94	ng/ul	100
42) 2-Nitroaniline	13.51	65	27508	2.47	ng/ul	91
44) Dimethylphthalate	13.89	163	151377	3.15	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	25769	2.62	ng/ul	92
47) Acenaphthylene	14.15	152	171592	2.98	ng/ul	98
48) 3-Nitroaniline	14.34	138	27517	2.74	ng/ul	95
49) Acenaphthene	14.49	153	110272	2.94	ng/ul	98
50) 2,4-Dinitrophenol	14.55	184	13208	1.98	ng/ul	93
52) 4-Nitrophenol	14.64	109	33041	3.41	ng/ul#	89
53) Dibenzofuran	14.83	168	170345	3.04	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	44501	2.95	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	39625	2.81	ng/ul	96
56) Diethylphthalate	15.25	149	155101	3.09	ng/ul	97
58) Fluorene	15.48	166	146752	3.18	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.47	204	75745	3.14	ng/ul	98
60) 4-Nitroaniline	15.50	138	33874	2.97	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.56	198	30610	2.94	ng/ul#	52
64) N-Nitrosodiphenylamine	15.69	169	129491	2.99	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	50563	2.88	ng/ul	98
66) Hexachlorobenzene	16.48	284	60931	3.10	ng/ul	93
67) Atrazine	16.63	200	53672	2.93	ng/ul	98
68) Pentachlorophenol	16.83	266	30498	2.41	ng/ul	90
69) Phenanthrene	17.22	178	257955	3.09	ng/ul	99
71) Anthracene	17.31	178	263671	3.06	ng/ul	98
72) Carbazole	17.57	167	234359	3.13	ng/ul	99
73) Di-n-butylphthalate	18.14	149	259102	2.75	ng/ul	99
74) Fluoranthene	19.23	202	346875	3.31	ng/ul	97
77) Pyrene	19.60	202	373306	3.04	ng/ul	97
78) Butylbenzylphthalate	20.50	149	123238	2.41	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.28	252	128370	2.82	ng/ul	97
80) Benzo(a)anthracene	21.34	228	419393	3.10	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	189881	2.56	ng/ul	98
82) Chrysene	21.39	228	387626	3.17	ng/ul	100
84) Di-n-octyl phthalate	22.16	149	344046	2.68	ng/ul#	99
85) Benzo(b)fluoranthene	22.94	252	462483	3.03	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	439741m	3.12	ng/ul	
88) Benzo(a)pyrene	23.53	252	462771	3.17	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.92	276	559379	3.12	ng/ul	100
90) Dibenzo(a,h)anthracene	25.93	278	465527	3.12	ng/ul	97
91) Benzo(g,h,i)perylene	26.62	276	462241	3.04	ng/ul	97

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



#2

1,4-Dioxane

Concen: 0.83 ng/uL m

RT: 3.35 min Scan# 129

Delta R.T. 0.00 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Instrument :

BNA_M

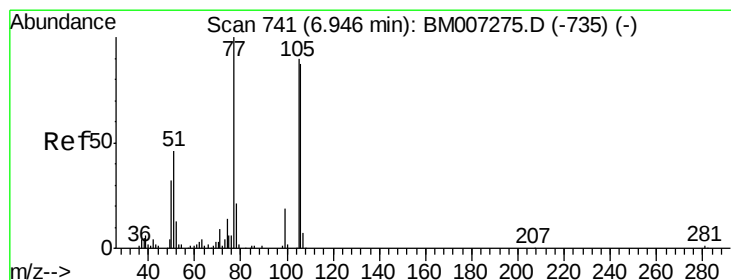
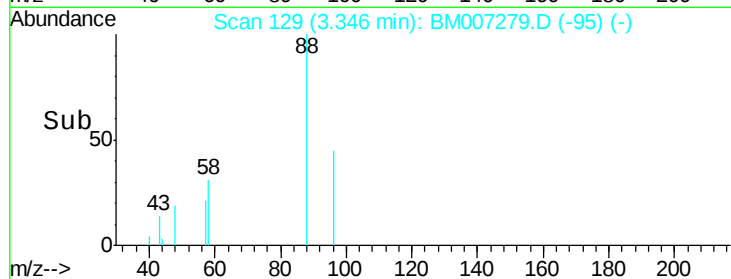
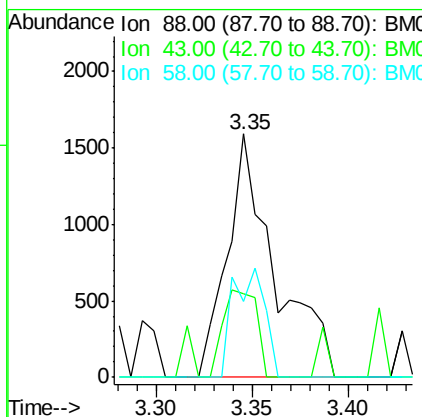
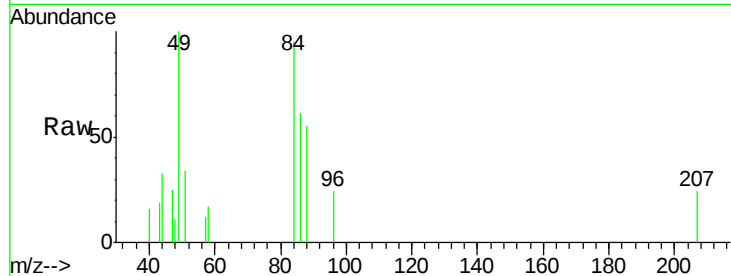
ClientSampleId :

MDL-04-W

Tgt Ion:	88	Resp:	2740
Ion Ratio	Lower	Upper	
88	100		
43	25.6	22.6	34.0
58	29.6	57.3	85.9#

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#4

Benzaldehyde

Concen: 3.49 ng/uL

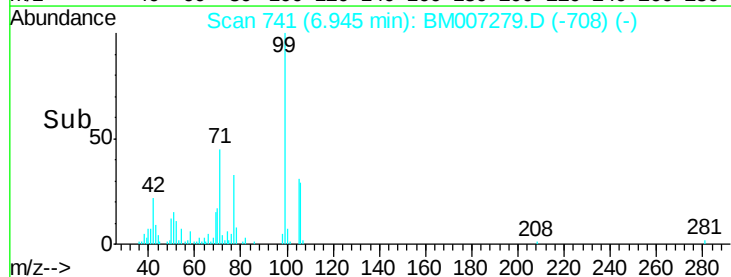
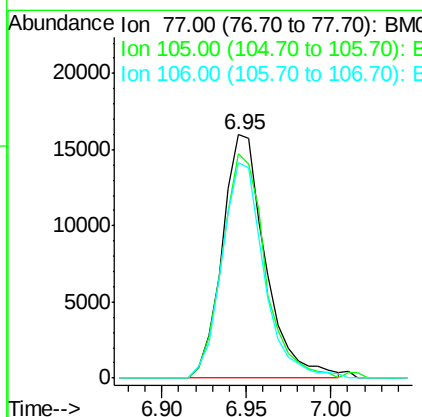
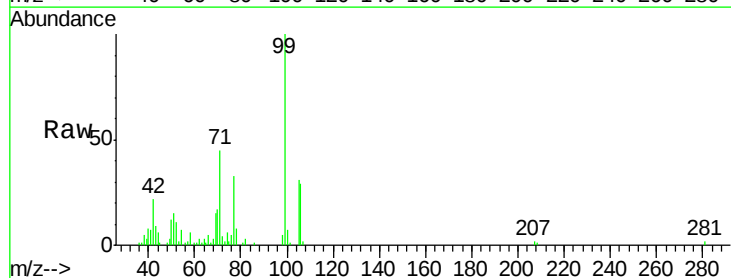
RT: 6.95 min Scan# 741

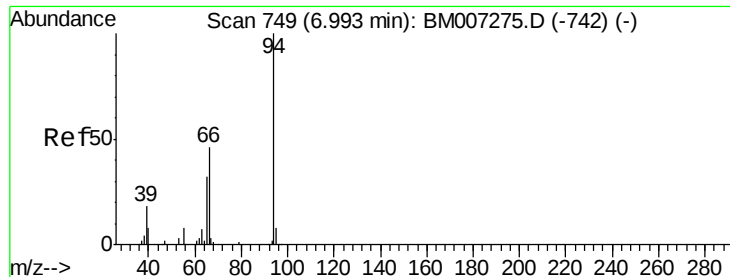
Delta R.T. -0.01 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Tgt Ion:	77	Resp:	28405
Ion Ratio	Lower	Upper	
77	100		
105	92.4	76.9	115.3
106	88.5	71.8	107.8





#6

Phenol

Concen: 2.56 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Instrument :

BNA_M

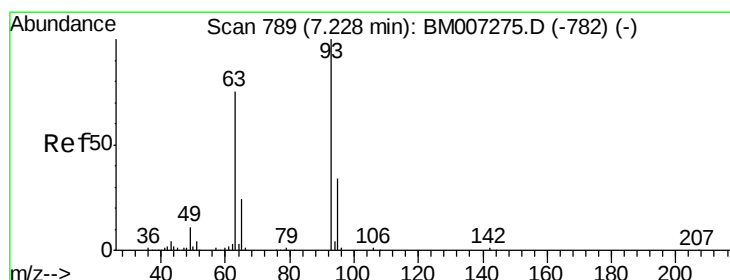
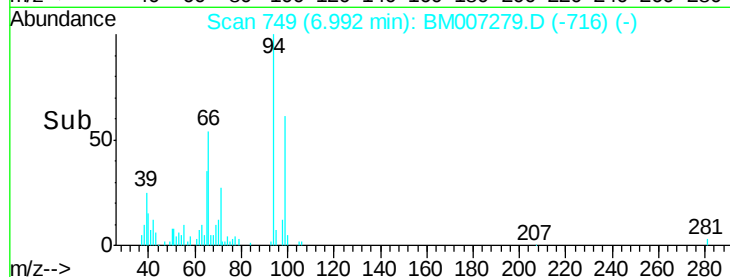
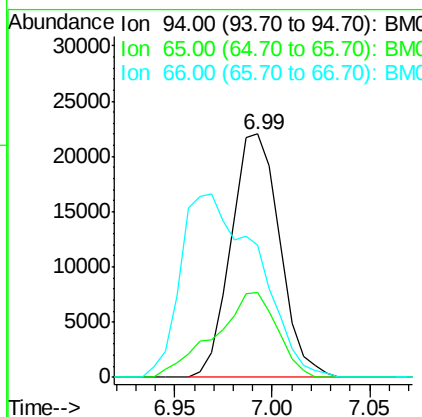
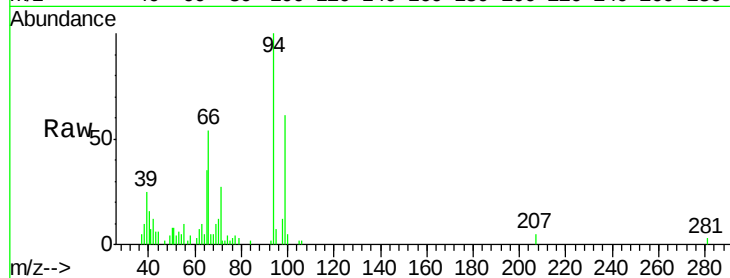
ClientSampled :

MDL-04-W

Tgt Ion:	94	Resp:	38001
Ion	Ratio	Lower	Upper
94	100		
65	34.7	23.9	35.9
66	54.1	33.5	50.3#

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#8

Bis(2-Chloroethyl)ether

Concen: 3.09 ng/ul

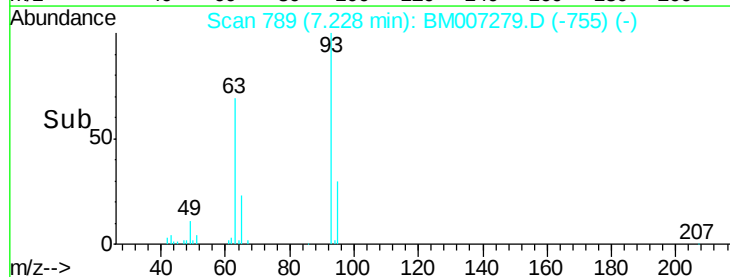
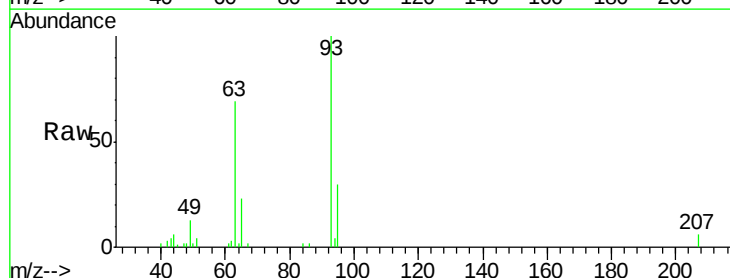
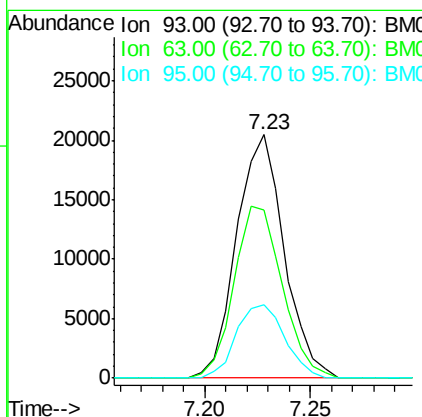
RT: 7.23 min Scan# 789

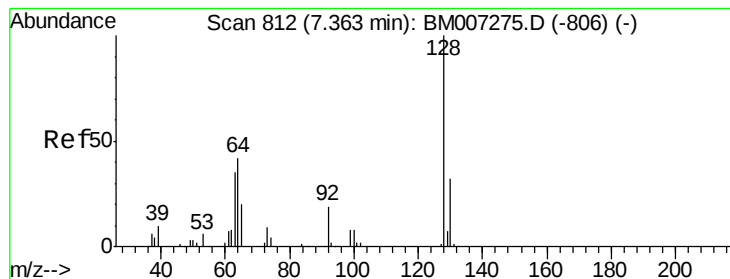
Delta R.T. 0.00 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Tgt Ion:	93	Resp:	31957
Ion	Ratio	Lower	Upper
93	100		
63	69.2	57.3	85.9
95	29.9	25.1	37.7





#10

2-Chlorophenol

Concen: 2.66 ng/ul

RT: 7.36 min Scan# 812

Delta R.T. -0.01 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Instrument :

BNA_M

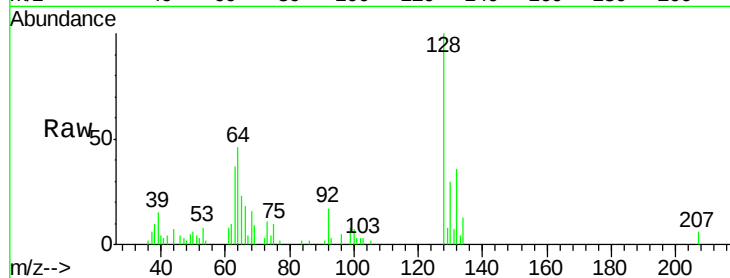
ClientSampled :

MDL-04-W

Tgt Ion:	128	Resp:	28810
Ion Ratio	Lower	Upper	
128	100		
64	46.0	37.5	56.3
130	30.0	25.0	37.4

Manual Integrations
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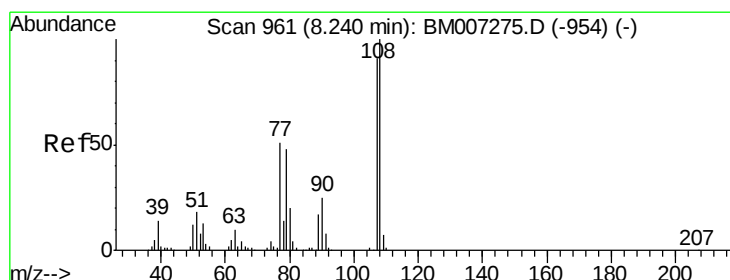
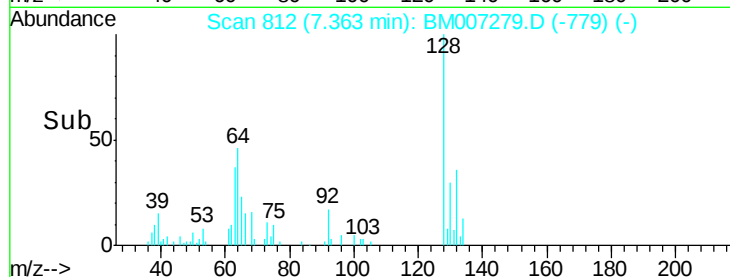
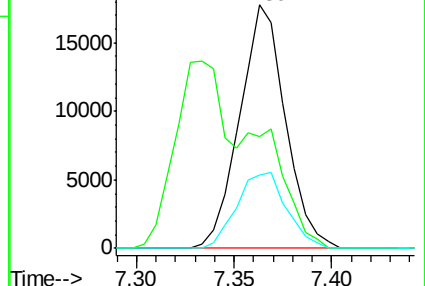
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 2.56 ng/ul

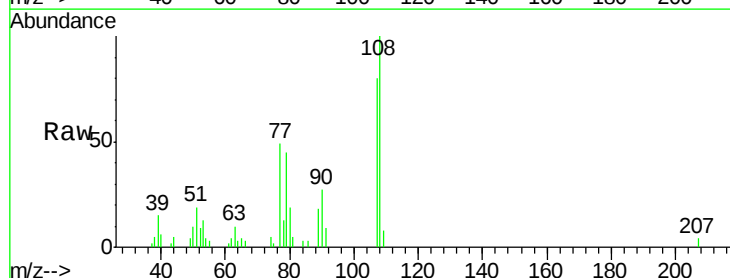
RT: 8.23 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM007279.D

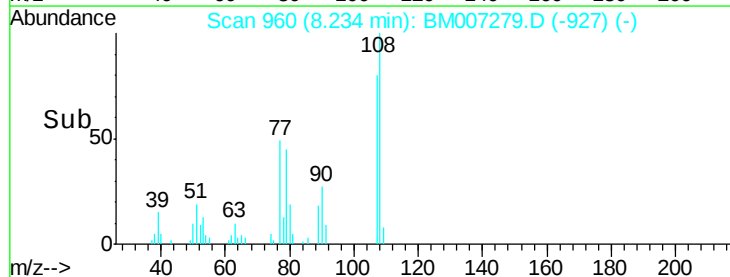
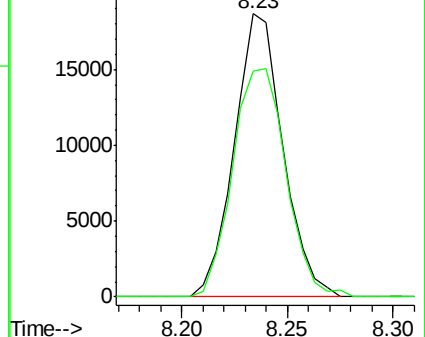
Acq: 24 Aug 2016 15:29

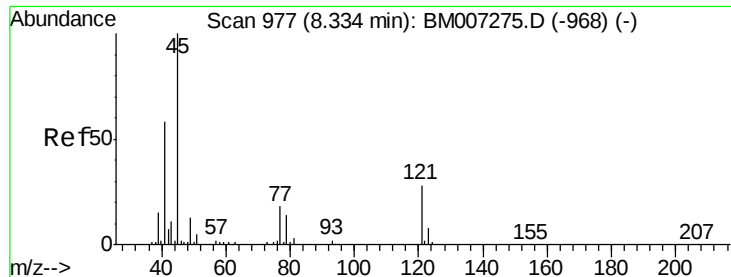
Tgt Ion:	108	Resp:	29734
Ion Ratio	Lower	Upper	
108	100		
107	79.5	71.8	107.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





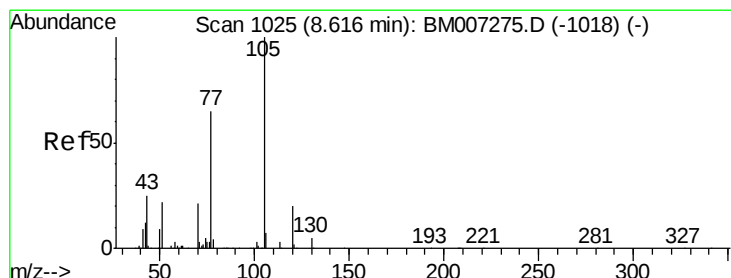
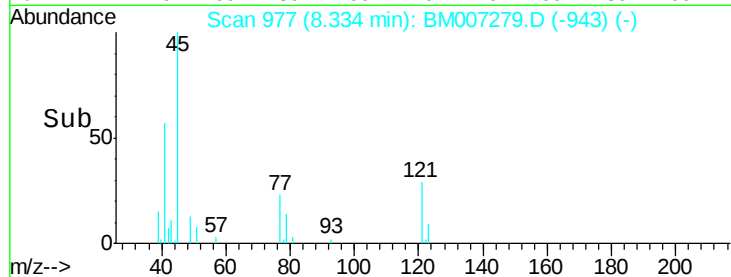
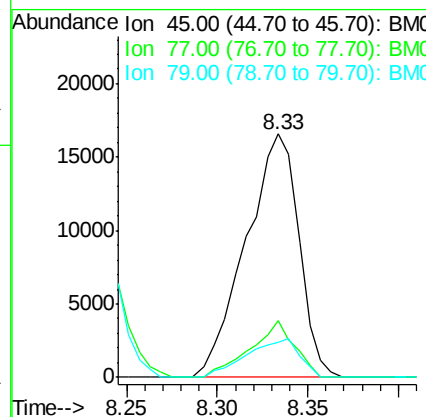
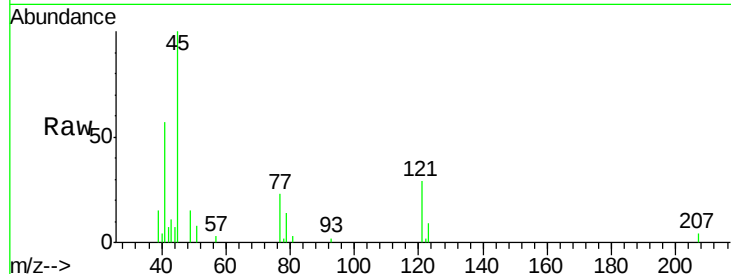
#12
2,2'-oxybis(1-chloropropane)
Concen: 2.90 ng/ul
RT: 8.33 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM007279.D
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MDL-04-W

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.2	14.1	21.1#
79	14.2	10.4	15.6

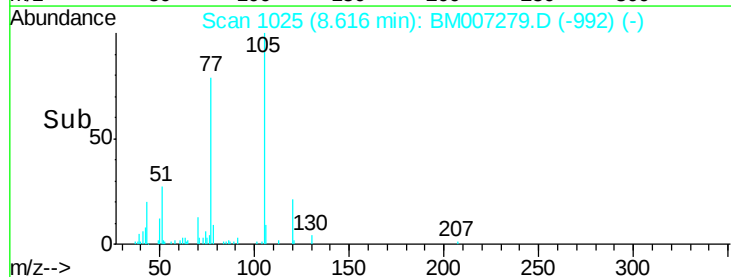
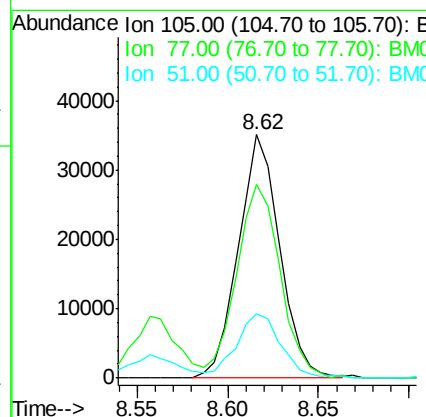
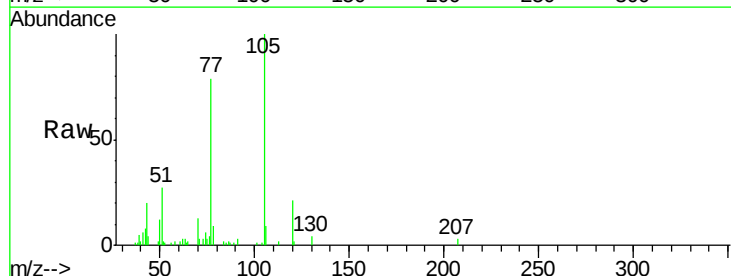
Manual Integrations
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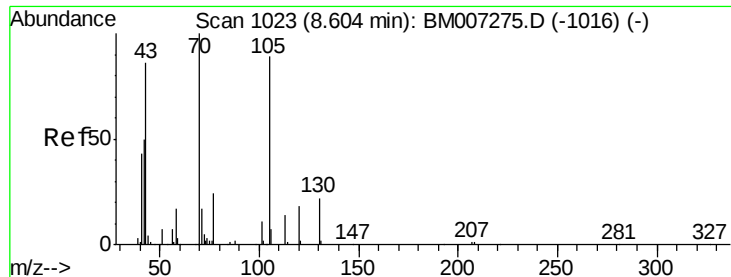
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#14
Acetophenone
Concen: 2.91 ng/ul
RT: 8.62 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Lower	Upper
105	100		
77	79.5	65.9	98.9
51	26.5	22.2	33.2





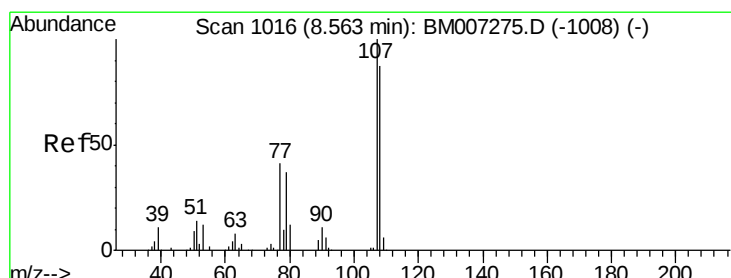
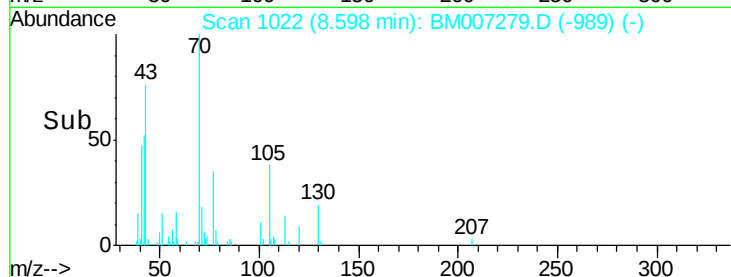
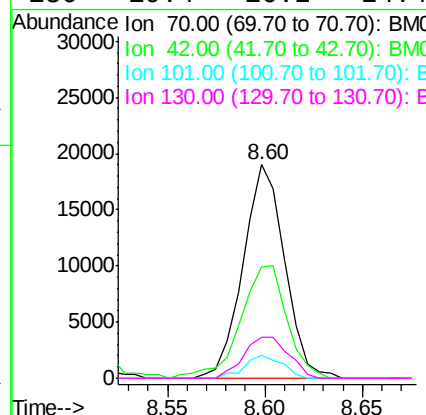
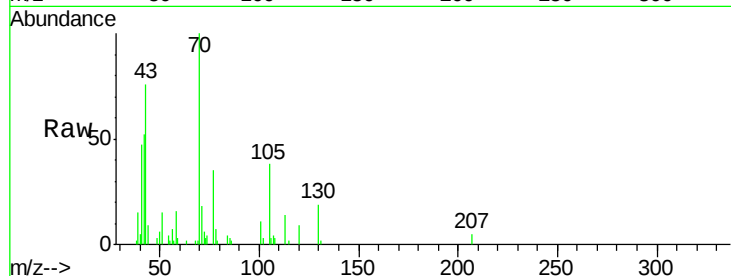
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N-Nitroso-di-n-propylamine
Concen: 2.77 ng/ul
RT: 8.60 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.9	43.4	65.2
101	10.9	7.8	11.6
130	19.4	16.2	24.4

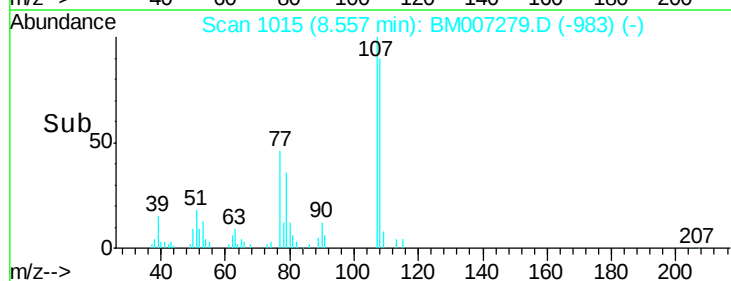
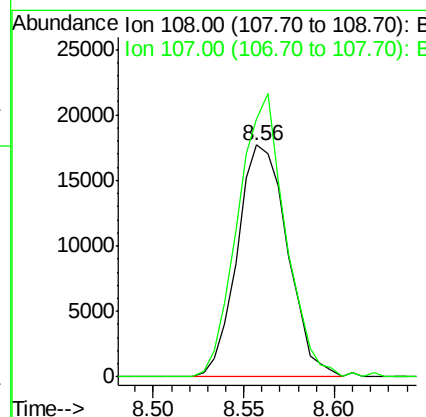
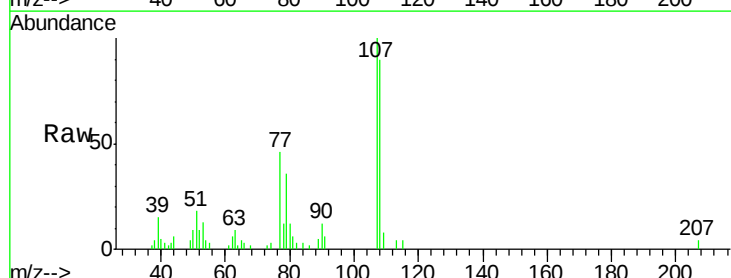
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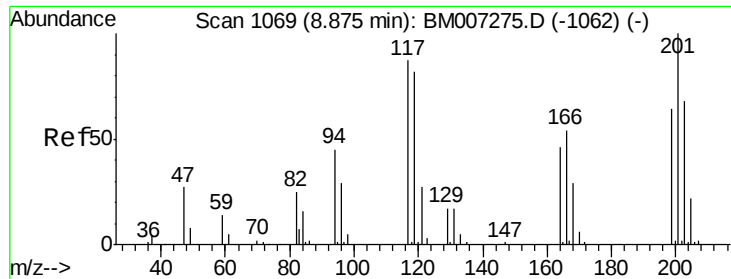
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#16
4-Methylphenol
Concen: 2.62 ng/ul
RT: 8.56 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Lower	Upper
108	100		
107	111.3	87.8	131.8





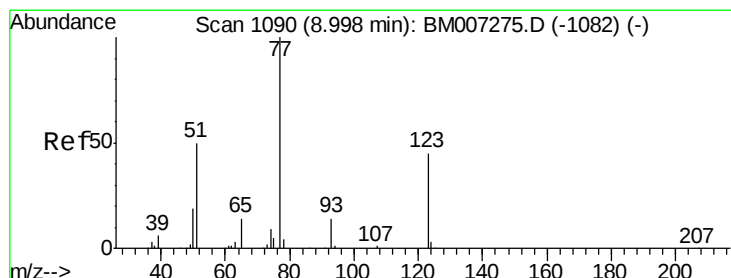
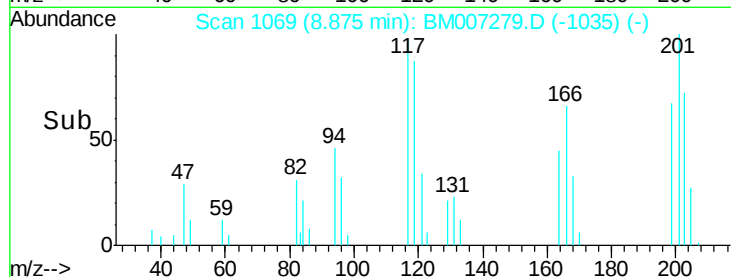
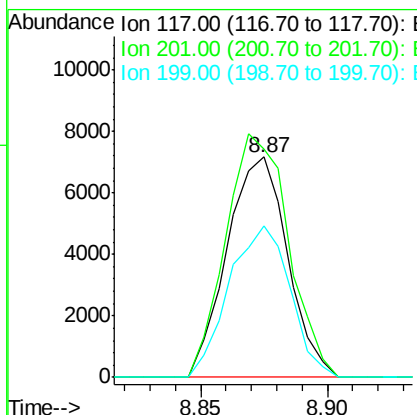
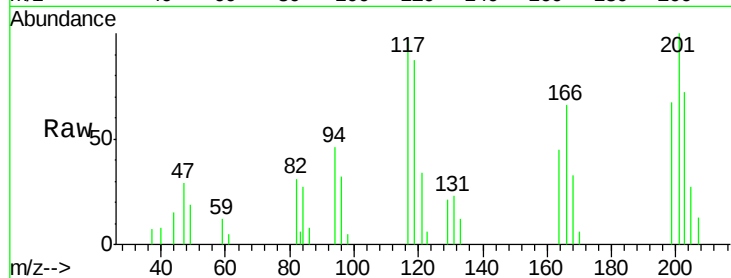
#17
Hexachloroethane
Concen: 2.83 ng/ul
RT: 8.87 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Instrument :
BNA_M
ClientSampled :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
117	100		
201	103.4	90.3	135.5
199	69.0	58.5	87.7

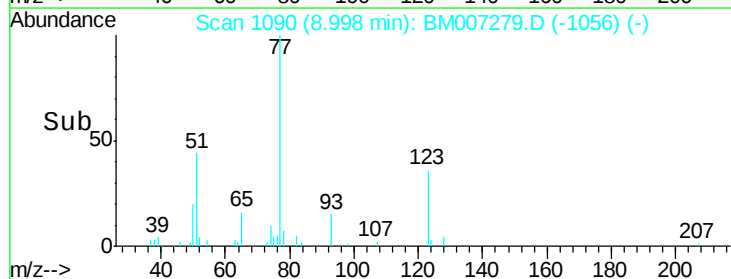
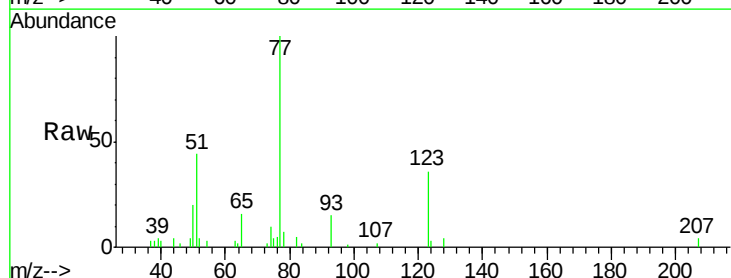
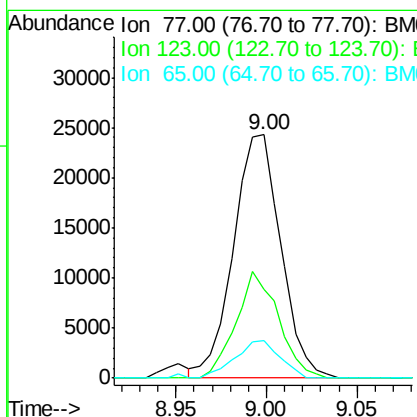
Manual Integrations
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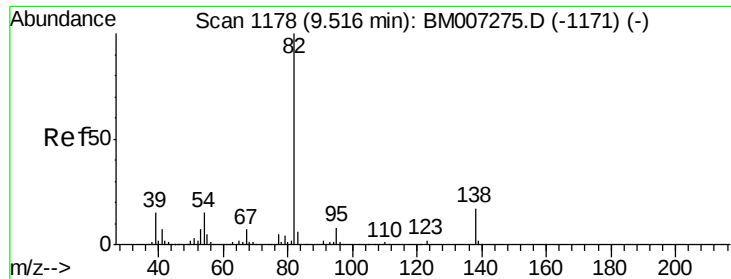
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#20
Nitrobenzene
Concen: 3.09 ng/ul
RT: 9.00 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.3	34.2	51.4
65	15.6	11.0	16.6





#21

Isophorone

Concen: 2.88 ng/ul

RT: 9.52 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Instrument :

BNA_M

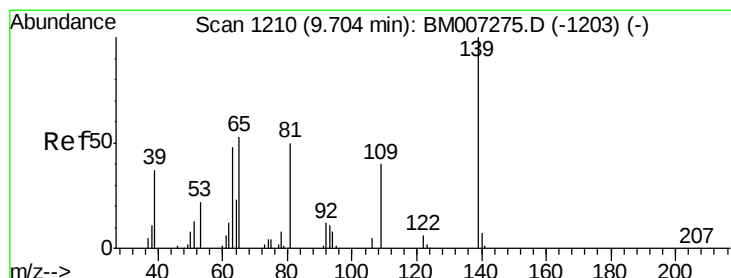
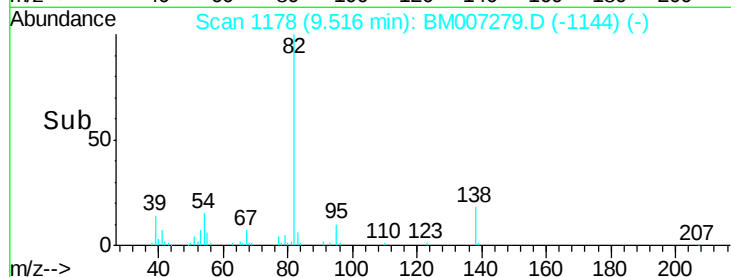
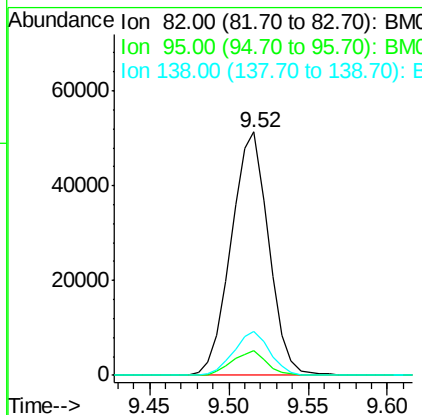
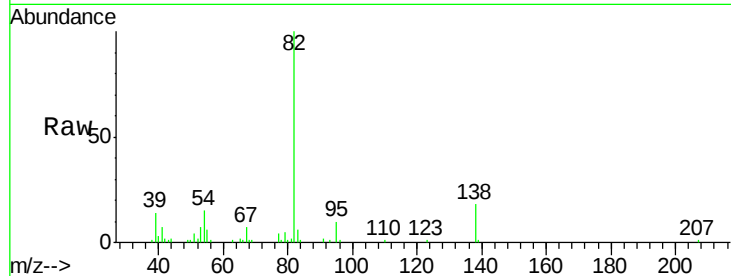
ClientSampleId :

MDL-04-W

Tgt Ion:	82	Resp:	84099
Ion Ratio	Lower	Upper	
82	100		
95	10.3	6.9	10.3
138	18.0	13.8	20.8

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#23

2-Nitrophenol

Concen: 2.90 ng/ul

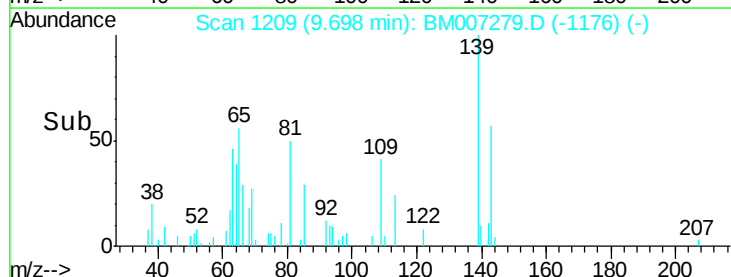
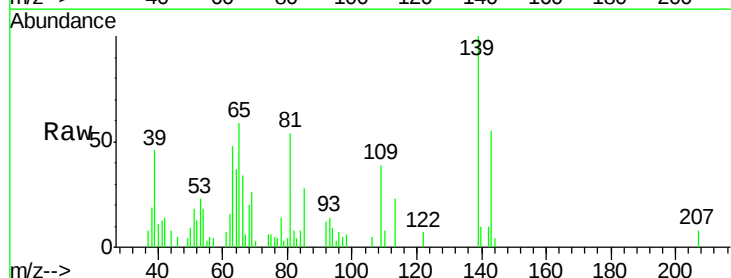
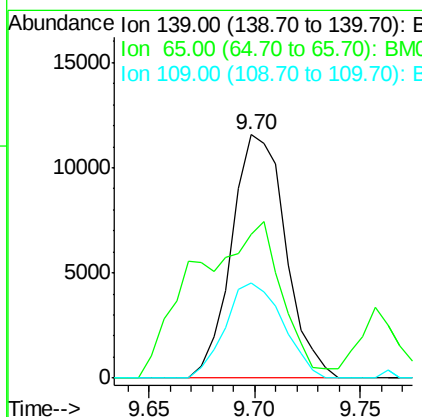
RT: 9.70 min Scan# 1209

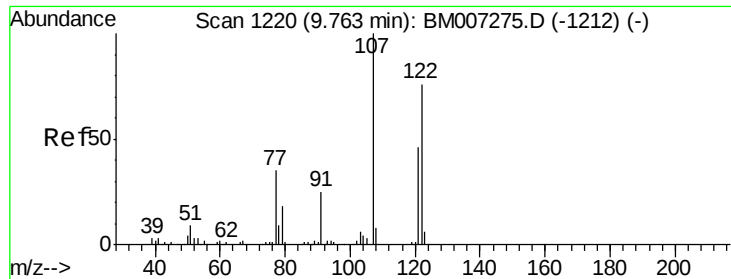
Delta R.T. -0.01 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Tgt Ion:	139	Resp:	20529
Ion Ratio	Lower	Upper	
139	100		
65	59.0	44.2	66.4
109	39.3	28.2	42.4





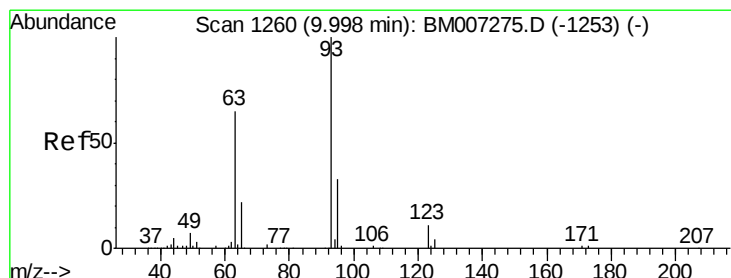
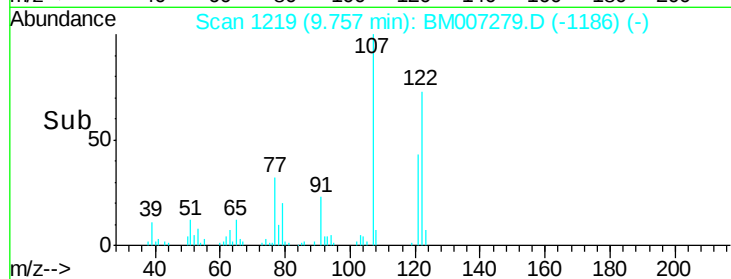
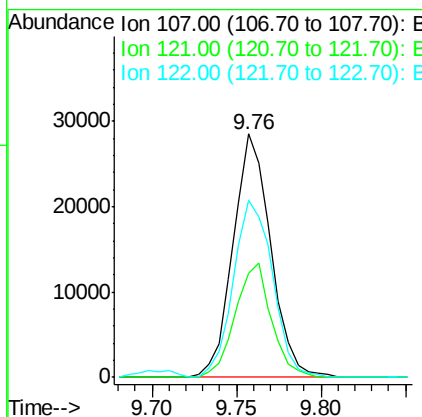
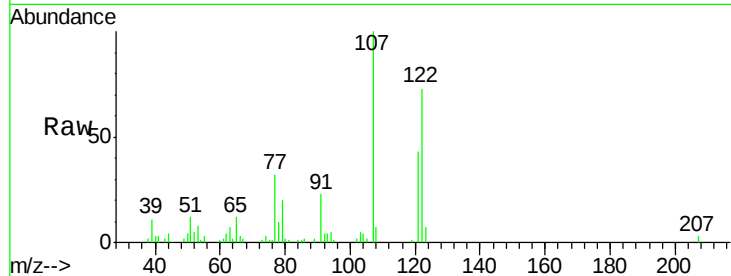
#24
 2,4-Dimethylphenol
 Concen: 2.84 ng/ul
 RT: 9.76 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Instrument :
 BNA_M
 ClientSampled :
 MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	44331		
121	42.5	37.1	55.7	
122	72.6	62.8	94.2	

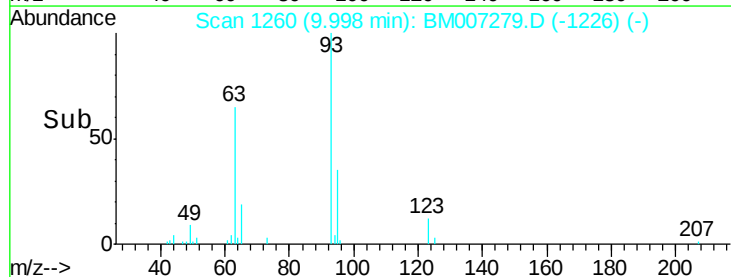
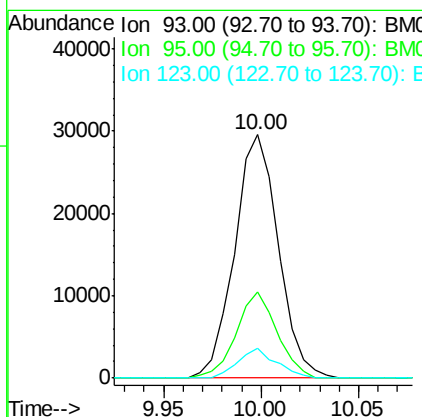
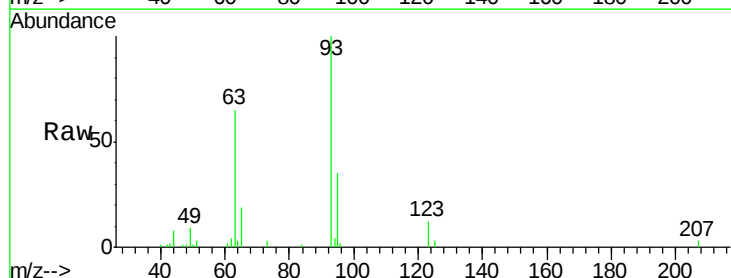
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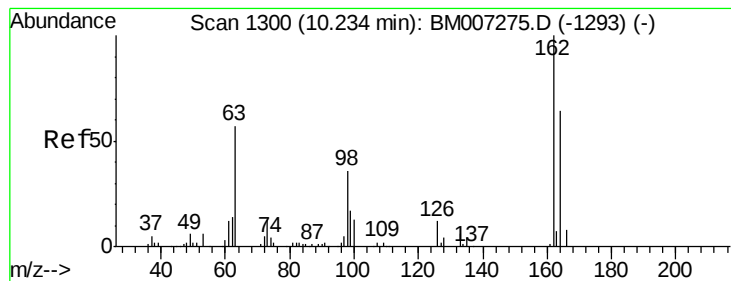
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.80 ng/ul
 RT: 10.00 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	45973		
95	35.2	25.4	38.0	
123	12.1	8.3	12.5	





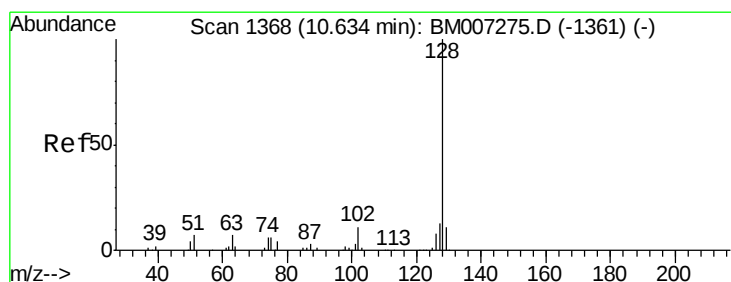
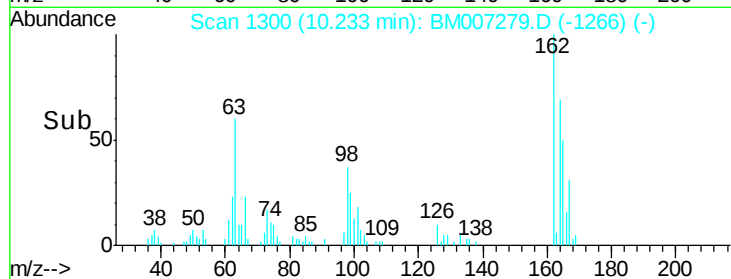
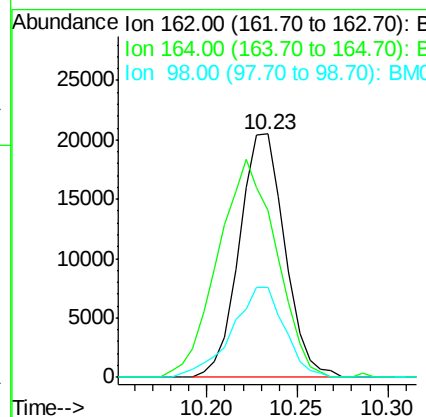
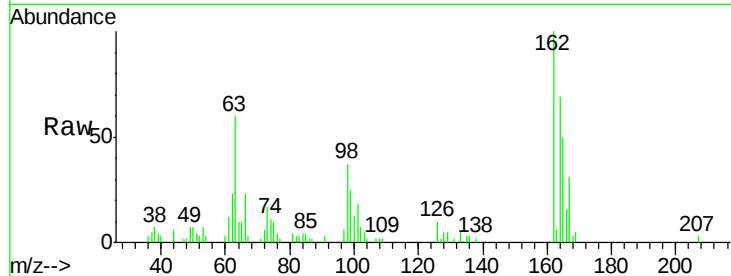
#27
 2,4-Dichlorophenol
 Concen: 2.79 ng/ul
 RT: 10.23 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Instrument :
 BNA_M
 ClientSampled :
 MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	35866		
164	68.6	51.6	77.4	
98	37.2	28.4	42.6	

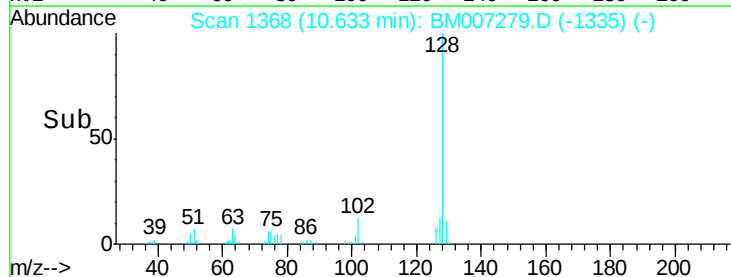
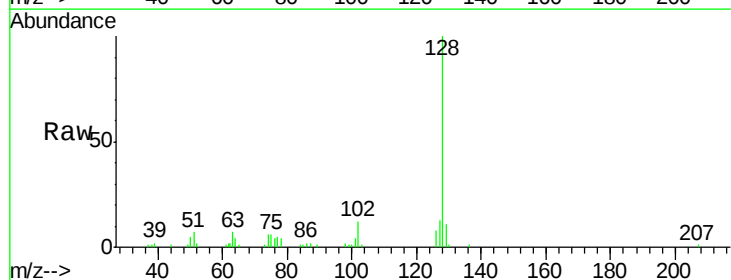
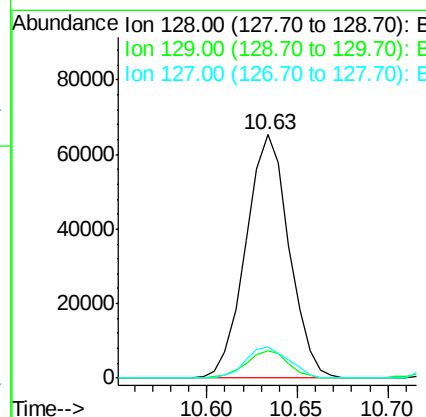
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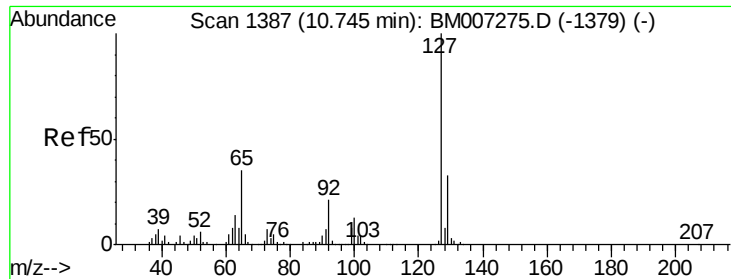
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#28
 Naphthalene
 Concen: 2.89 ng/ul
 RT: 10.63 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	108964		
129	11.0	8.6	12.8	
127	13.0	10.6	15.8	





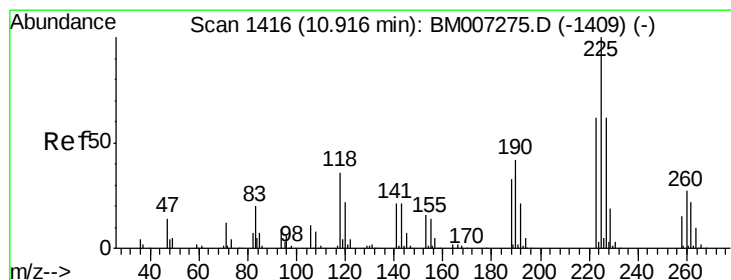
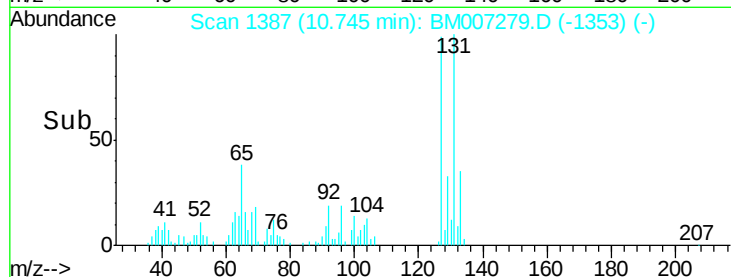
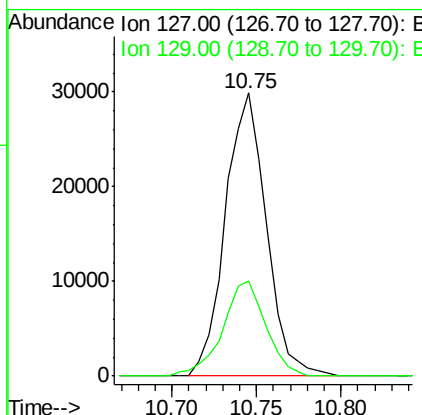
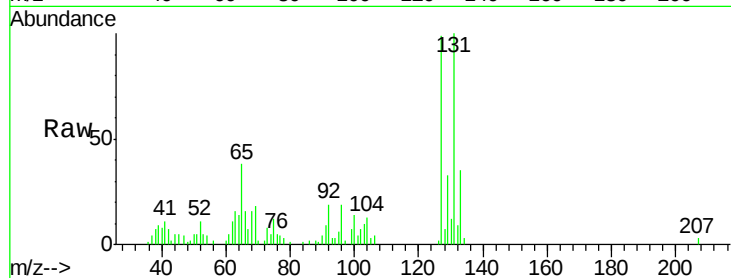
#30
4-Chloroaniline
Concen: 3.03 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion:127 Resp: 50474
Ion Ratio Lower Upper
127 100
129 33.9 24.6 37.0

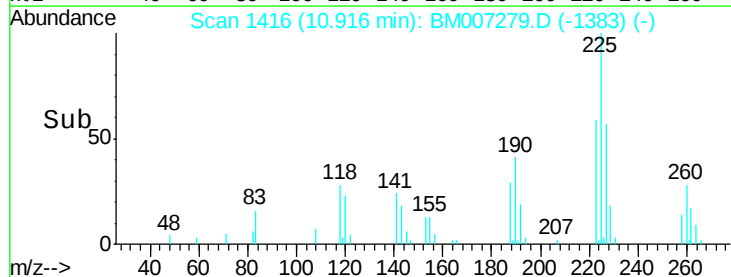
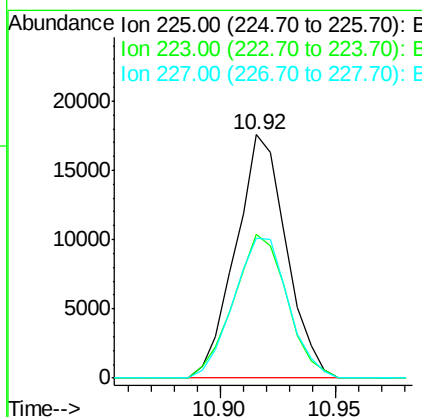
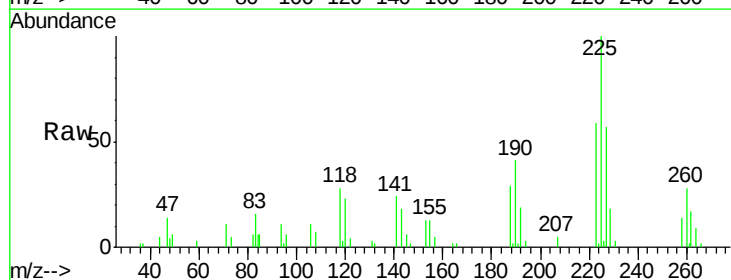
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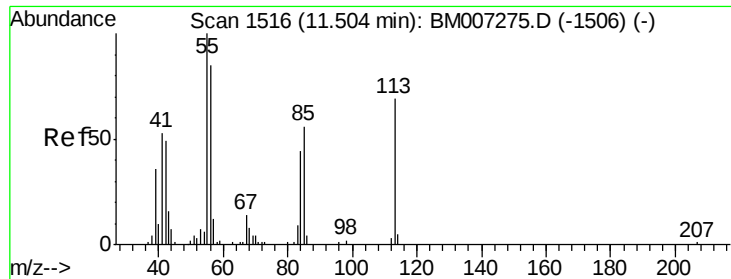
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#31
Hexachlorobutadiene
Concen: 3.08 ng/ul
RT: 10.92 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Tgt Ion:225 Resp: 26822
Ion Ratio Lower Upper
225 100
223 61.4 51.2 76.8
227 57.3 52.5 78.7





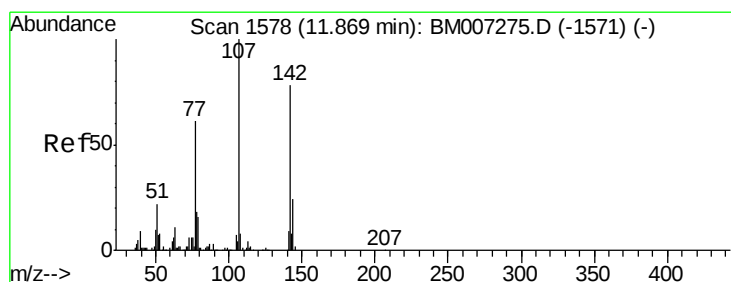
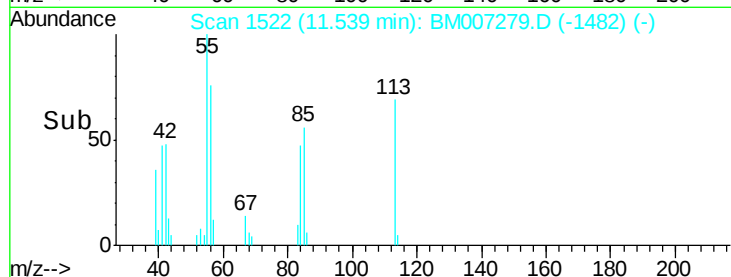
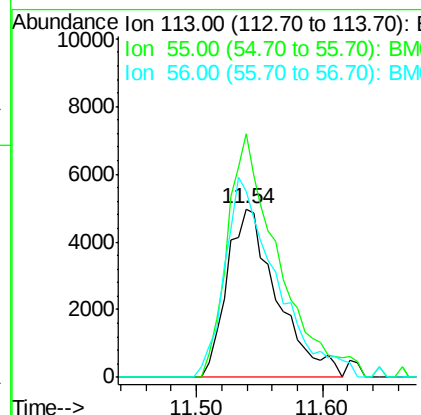
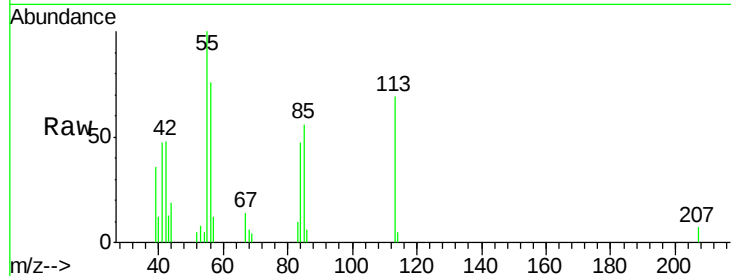
#32
 Caprolactam
 Concen: 2.67 ng/ul m
 RT: 11.54 min Scan# 1522
 Delta R.T. 0.04 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Lower	Upper
113	100		
55	144.8	121.9	182.9
56	110.3	97.4	146.0

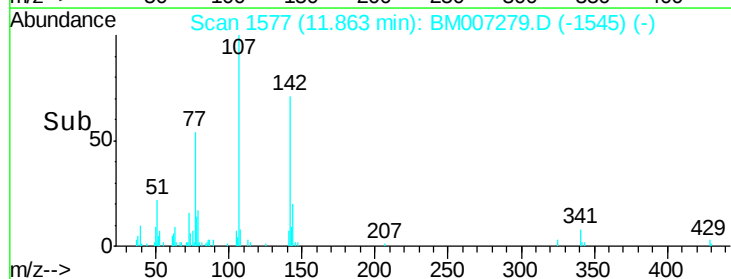
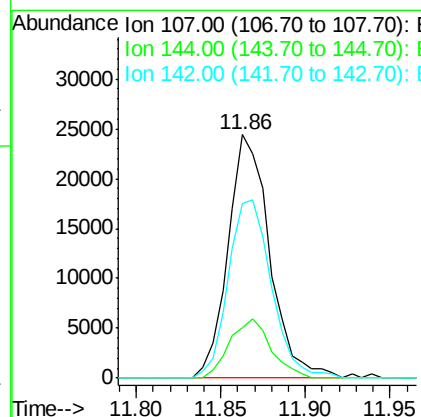
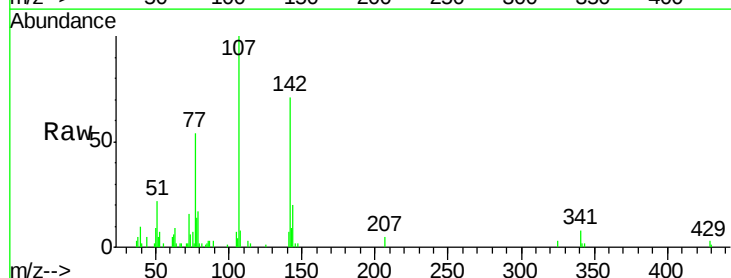
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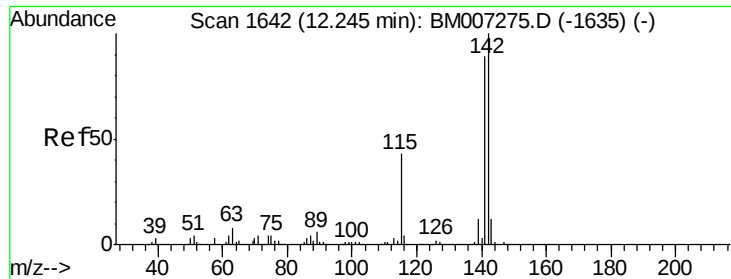
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#33
 4-Chloro-3-methylphenol
 Concen: 2.63 ng/ul
 RT: 11.86 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.5	21.1	31.7#
142	71.4	64.1	96.1





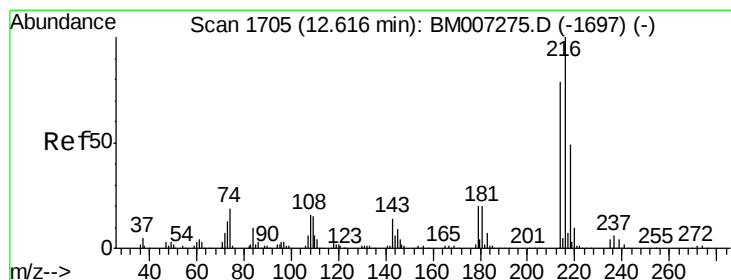
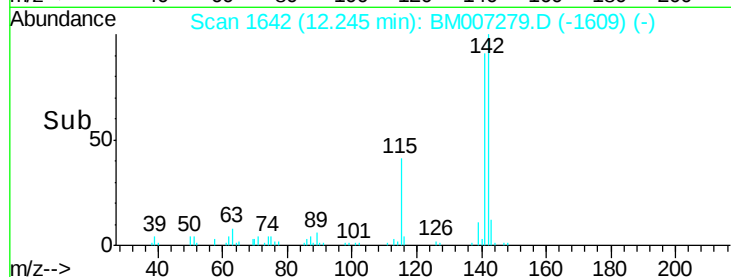
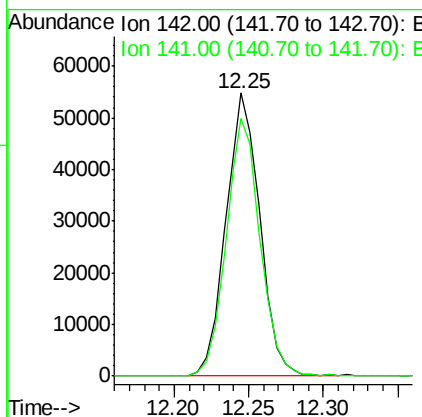
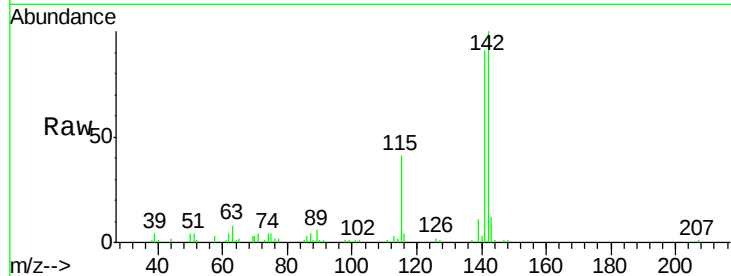
#34
2-Methylnaphthalene
Concen: 2.83 ng/u1
RT: 12.25 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion:142 Resp: 87299
Ion Ratio Lower Upper
142 100
141 91.0 71.3 106.9

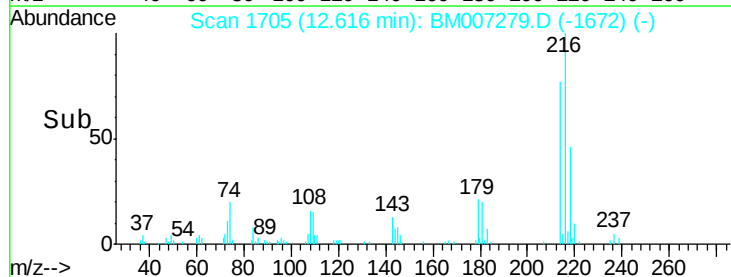
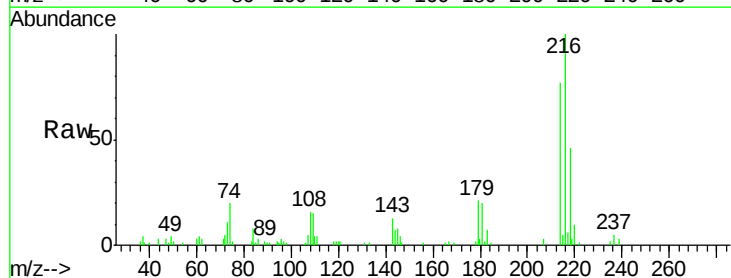
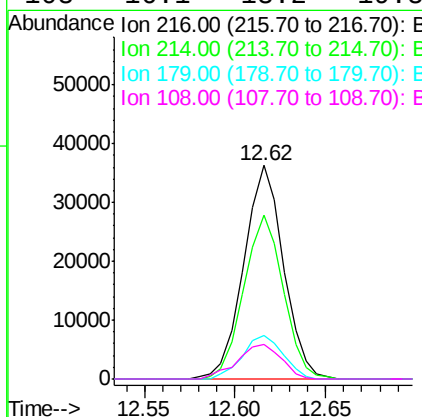
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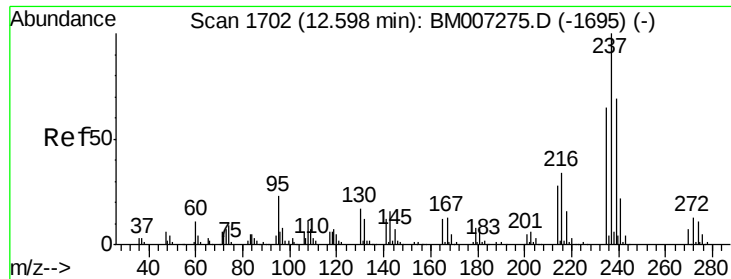
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 2.97 ng/u1
RT: 12.62 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Tgt Ion:216 Resp: 55280
Ion Ratio Lower Upper
216 100
214 76.6 64.8 97.2
179 20.5 16.7 25.1
108 16.1 13.2 19.8





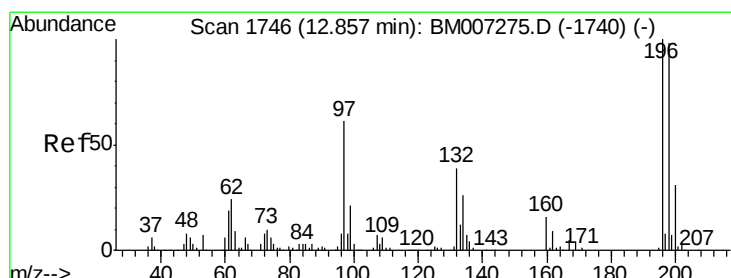
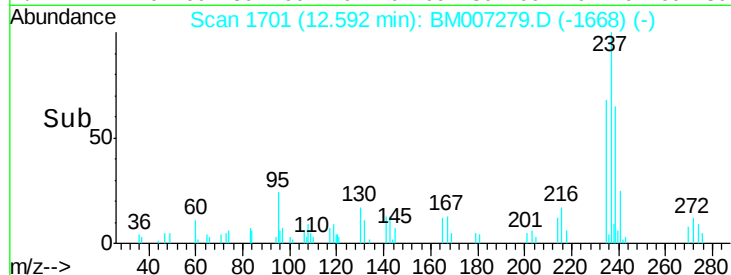
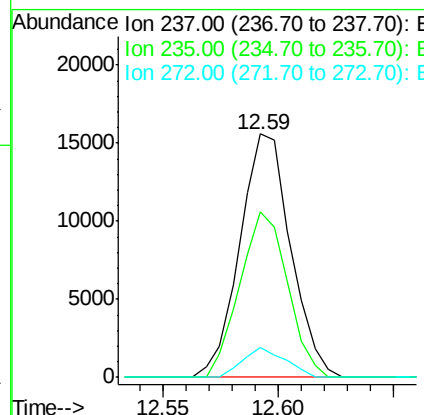
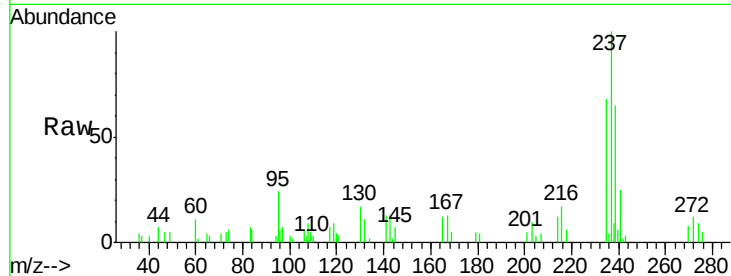
#37
Hexachlorocyclopentadiene
Concen: 2.13 ng/ul
RT: 12.59 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	68.2	49.6	74.4
272	12.5	10.4	15.6

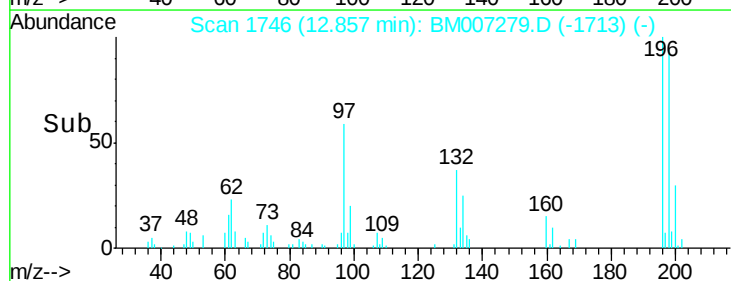
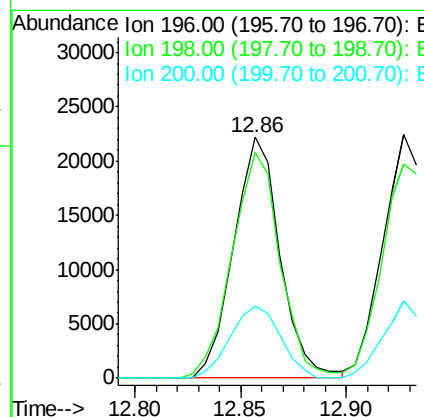
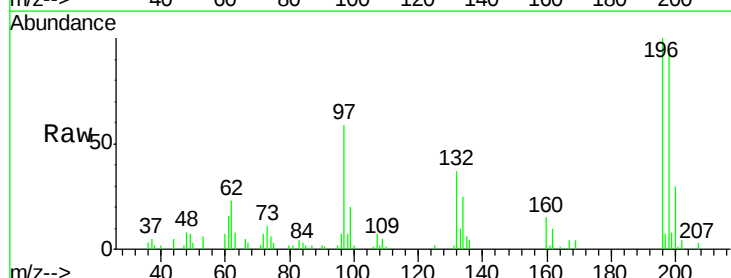
Manual Integrations
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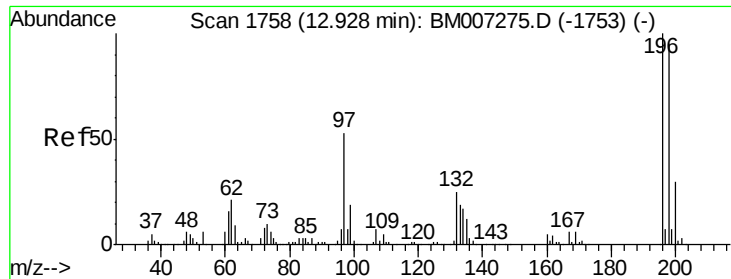
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#38
2,4,6-Trichlorophenol
Concen: 2.57 ng/ul
RT: 12.86 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	93.6	76.9	115.3
200	30.0	25.1	37.7





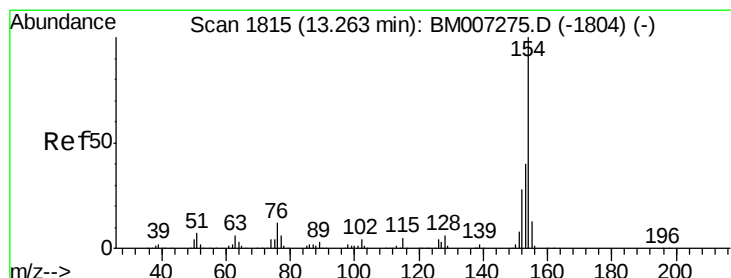
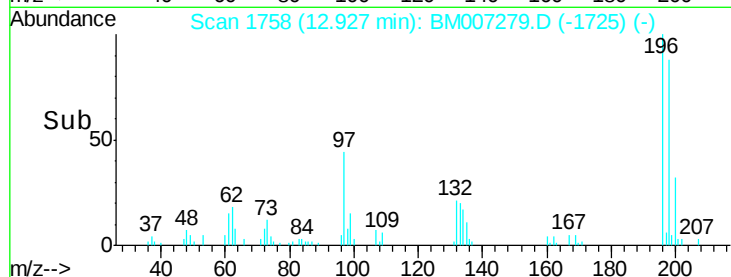
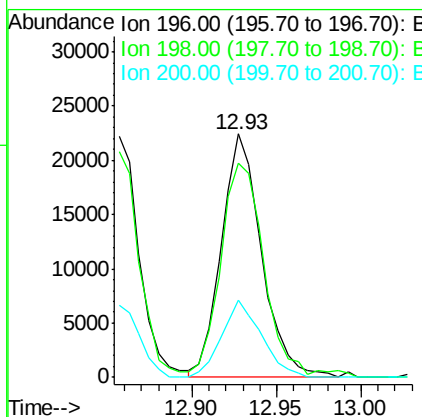
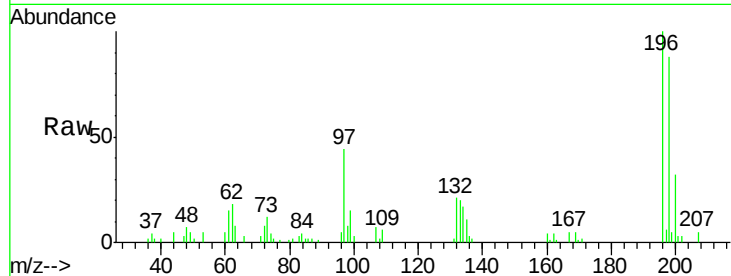
#39
 2,4,5-Trichlorophenol
 Concen: 2.70 ng/ul
 RT: 12.93 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Instrument :
 BNA_M
 ClientSampled :
 MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	37096		
198	87.8	76.8	115.2	
200	31.6	27.0	40.4	

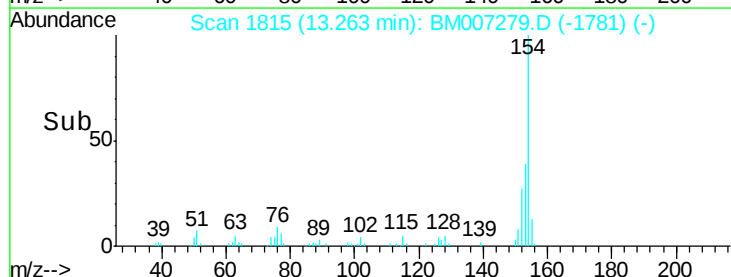
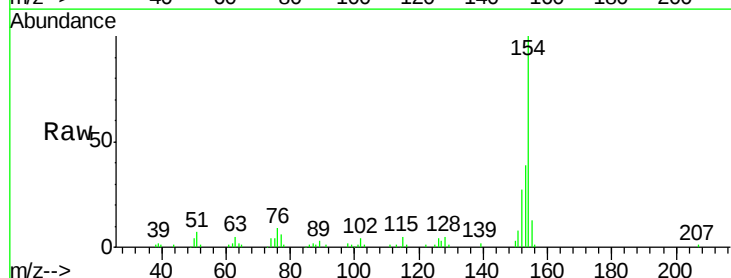
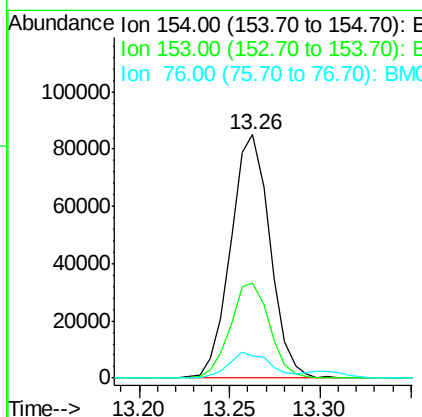
Manual Integrations
 APPROVED

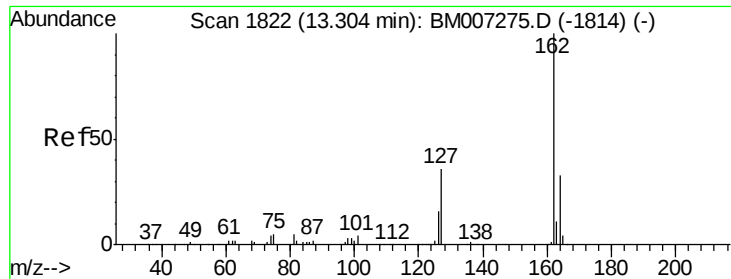
sohil
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#40
 1,1'-Biphenyl
 Concen: 2.94 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	127866		
153	38.9	31.3	46.9	
76	9.3	10.0	15.0	





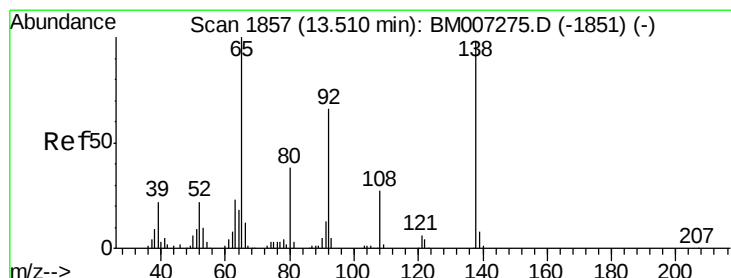
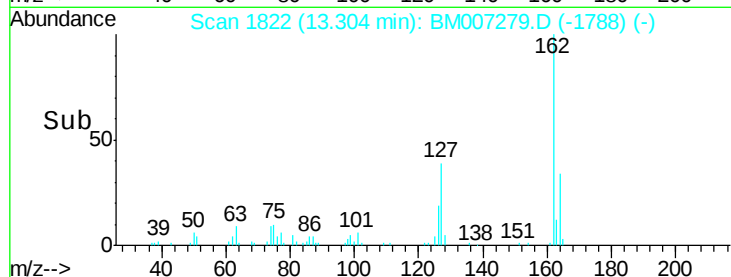
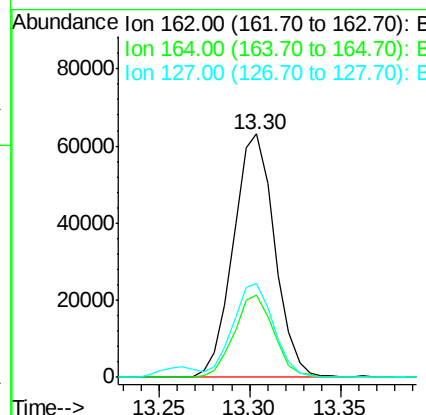
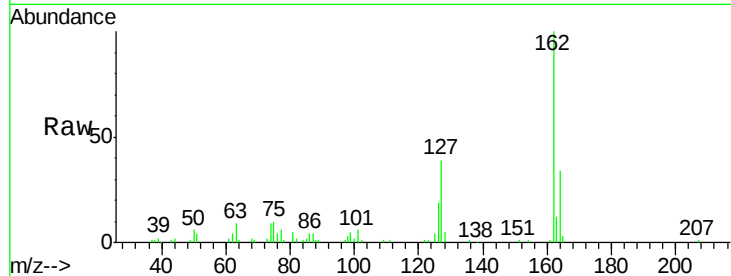
#41
2-Chloronaphthalene
Concen: 2.94 ng/ul
RT: 13.30 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	33.7	26.9	40.3	
127	38.7	31.2	46.8	

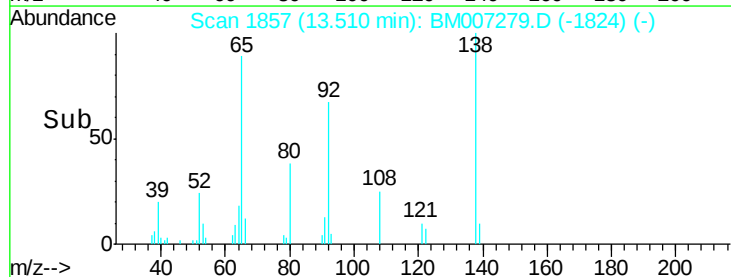
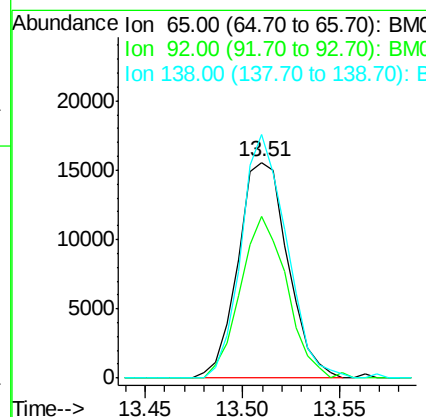
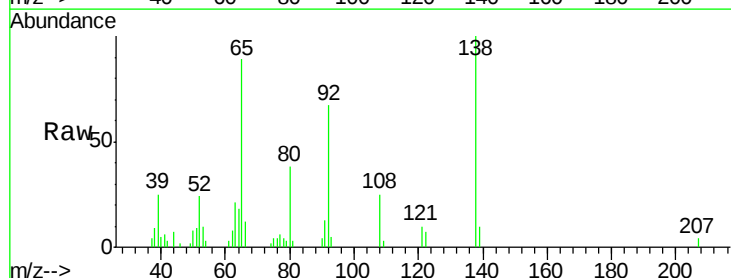
Manual Integrations
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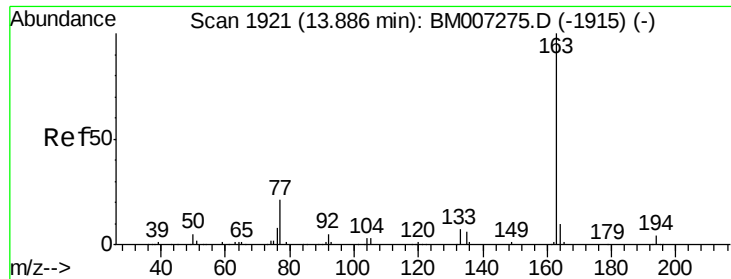
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#42
2-Nitroaniline
Concen: 2.47 ng/ul
RT: 13.51 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	75.2	55.6	83.4	
138	112.8	81.3	121.9	





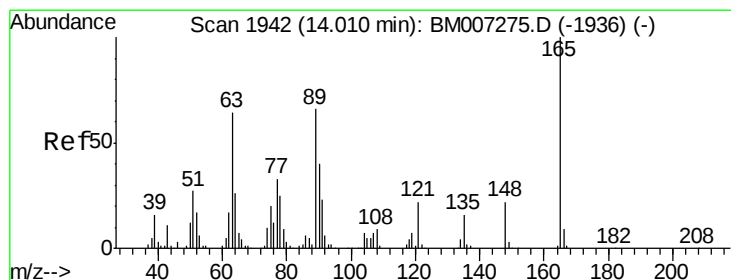
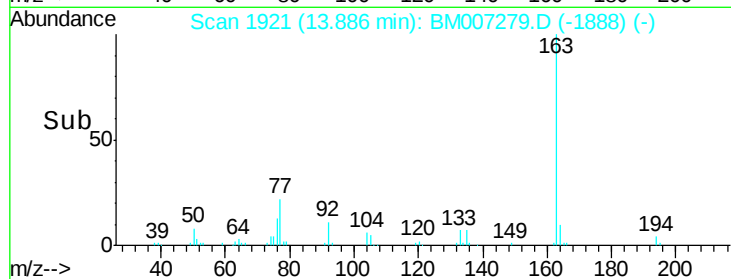
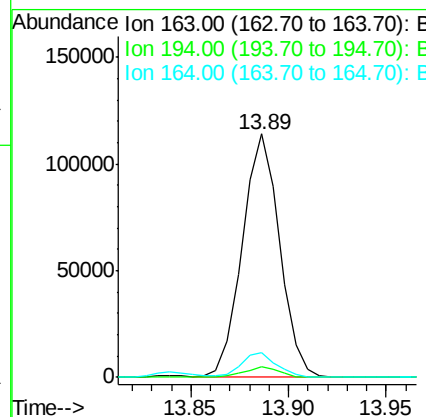
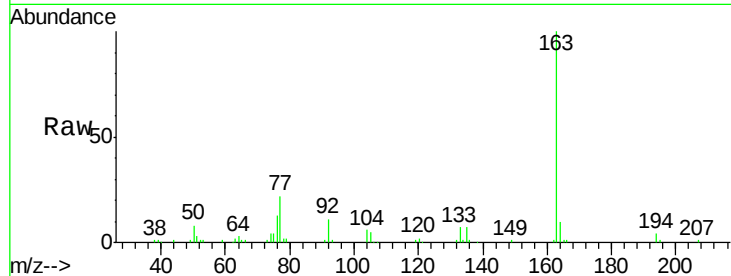
#44
Dimethylphthalate
Concen: 3.15 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	151377		
194	4.3		3.4	5.2
164	10.0		7.8	11.8

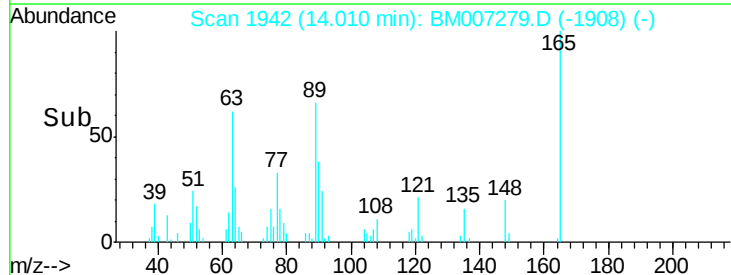
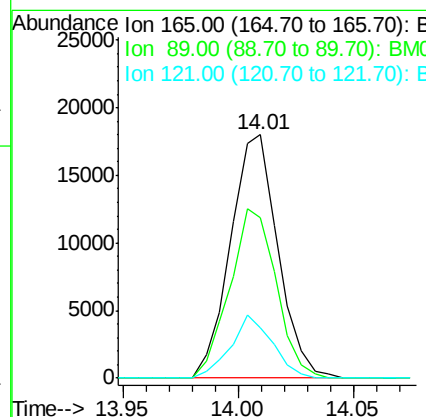
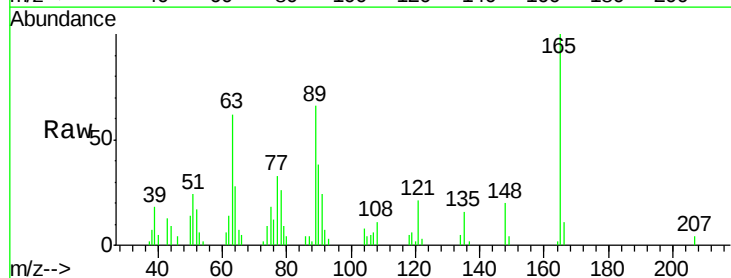
Manual Integrations
APPROVED

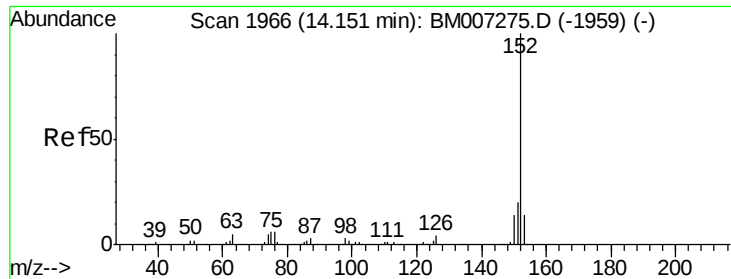
sohil
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#45
2,6-Dinitrotoluene
Concen: 2.62 ng/ul
RT: 14.01 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	25769		
89	65.8		46.6	69.8
121	20.9		16.0	24.0





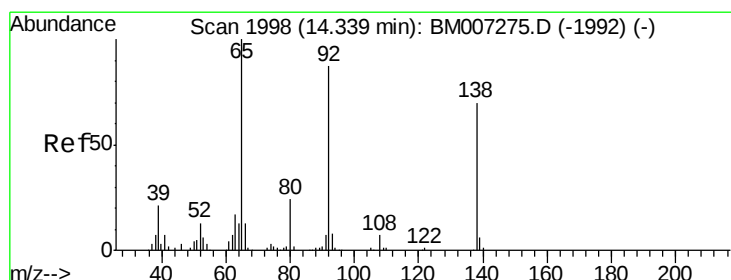
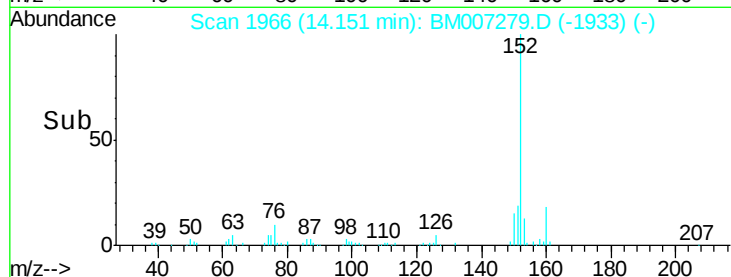
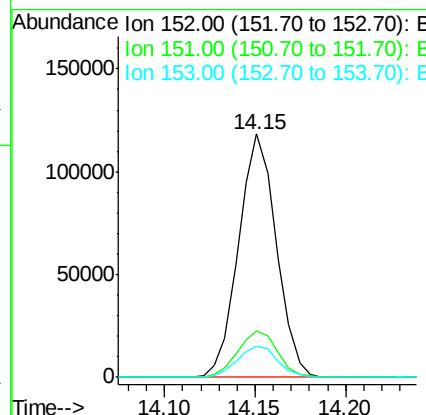
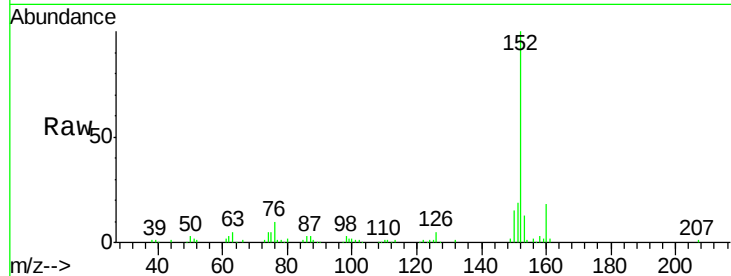
#47
 Acenaphthylene
 Concen: 2.98 ng/ul
 RT: 14.15 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	171592		
151	19.1	16.0	24.0	
153	12.7	11.0	16.6	

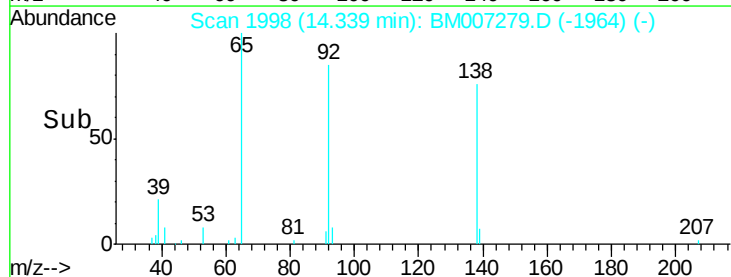
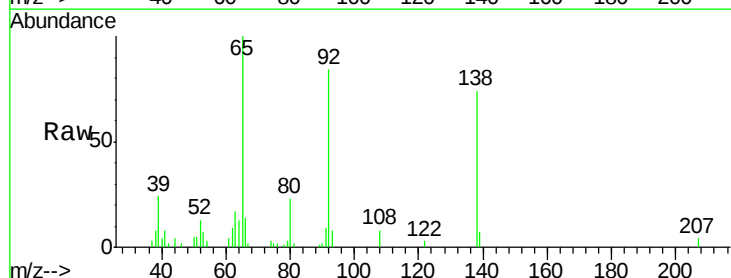
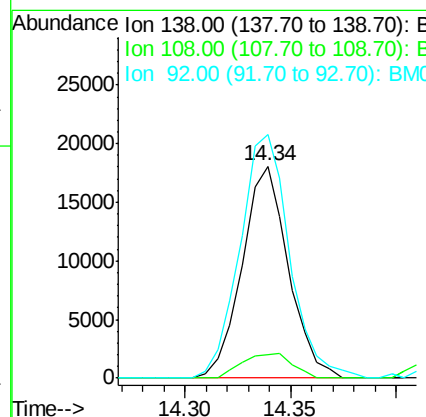
Manual Integrations
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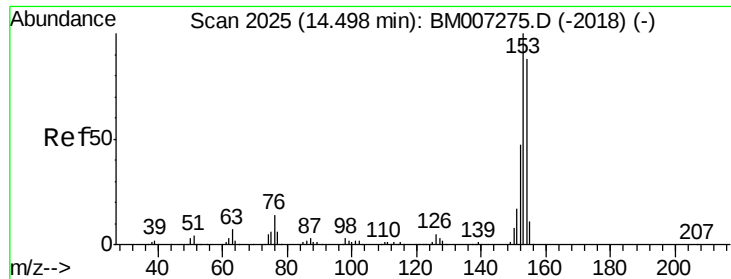
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#48
 3-Nitroaniline
 Concen: 2.74 ng/ul
 RT: 14.34 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	27517		
108	11.3	9.4	14.0	
92	114.7	96.6	145.0	





#49

Acenaphthene

Concen: 2.94 ng/ul

RT: 14.49 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Instrument :

BNA_M

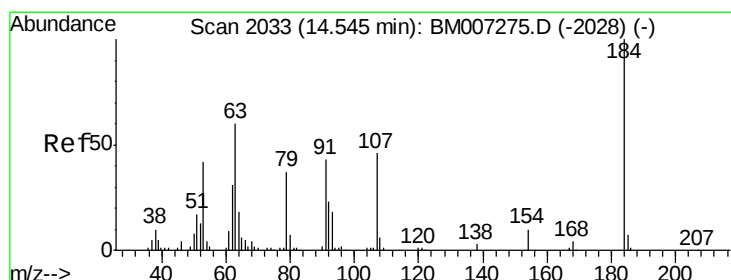
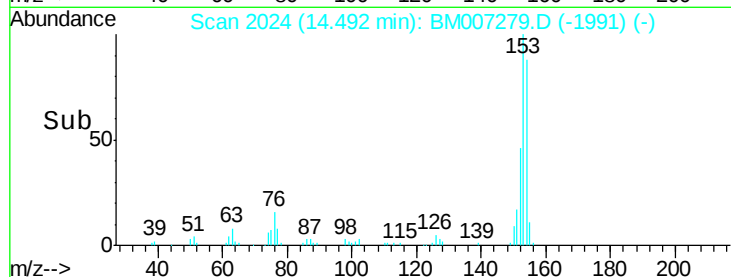
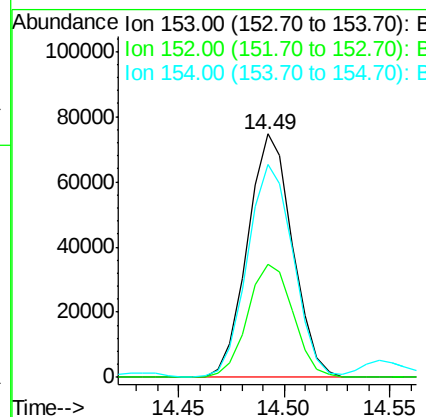
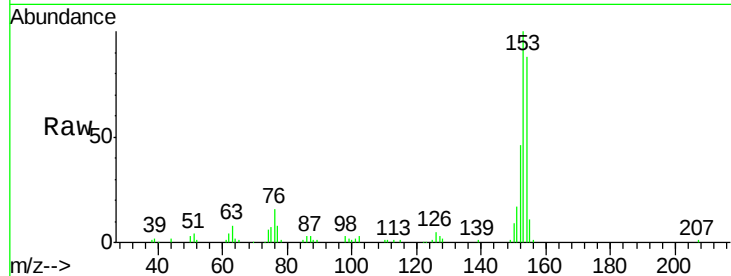
ClientSampled :

MDL-04-W

Tgt Ion:	153	Resp:	110272
Ion Ratio		Lower	Upper
153	100		
152	46.3	37.8	56.6
154	87.5	71.4	107.0

Manual Integrations
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#50

2,4-Dinitrophenol

Concen: 1.98 ng/ul

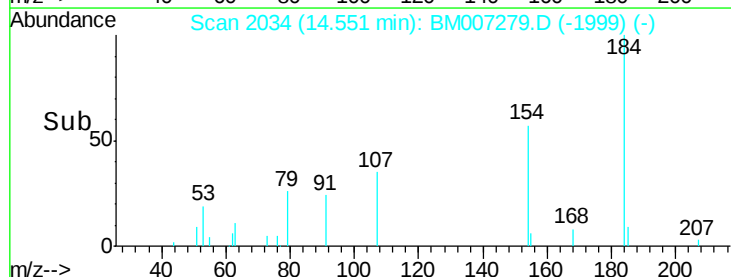
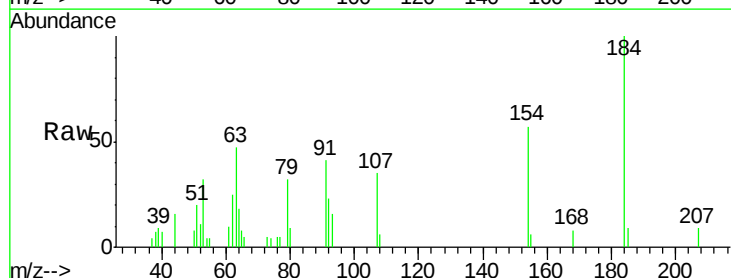
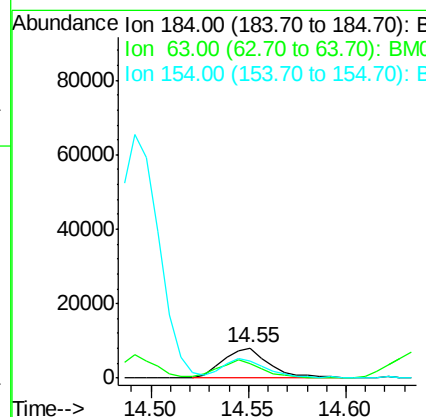
RT: 14.55 min Scan# 2034

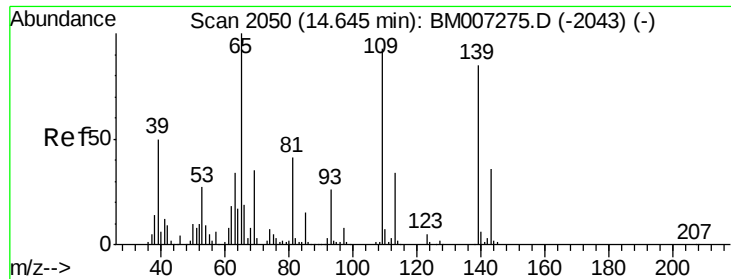
Delta R.T. 0.01 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Tgt Ion:	184	Resp:	13208
Ion Ratio		Lower	Upper
184	100		
63	47.2	43.4	65.0
154	56.5	48.2	72.4





#52

4-Nitrophenol

Concen: 3.41 ng/ul

RT: 14.64 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Instrument :

BNA_M

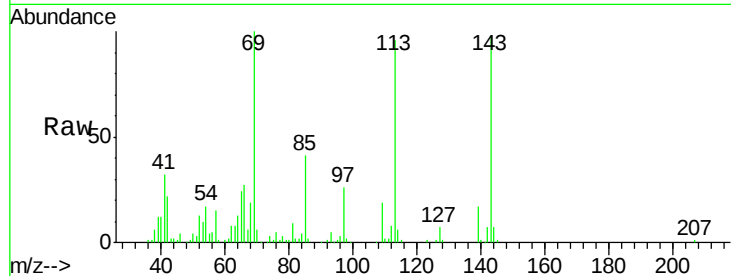
ClientSampled :

MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	33041		
139	88.6	88.7	133.1#	
65	123.5	96.4	144.6	

Manual Integrations
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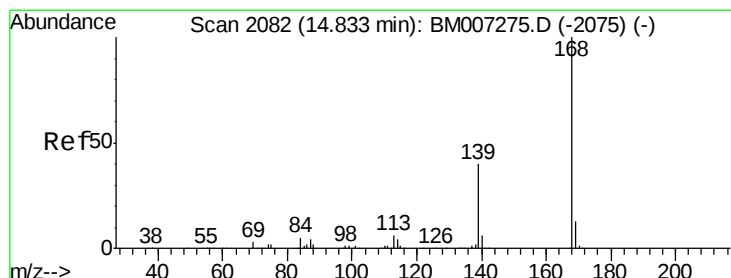
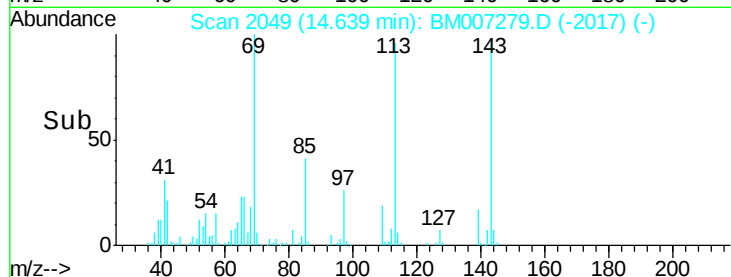
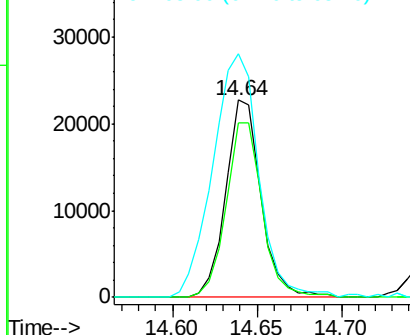
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Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 3.04 ng/ul

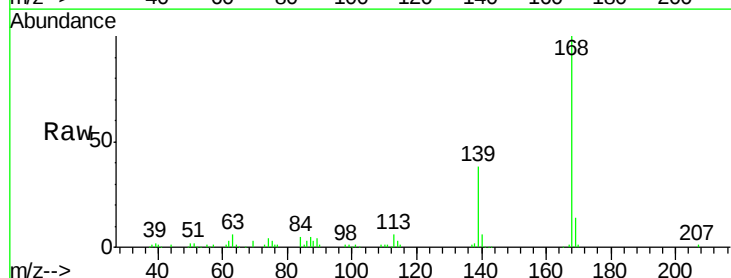
RT: 14.83 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BM007279.D

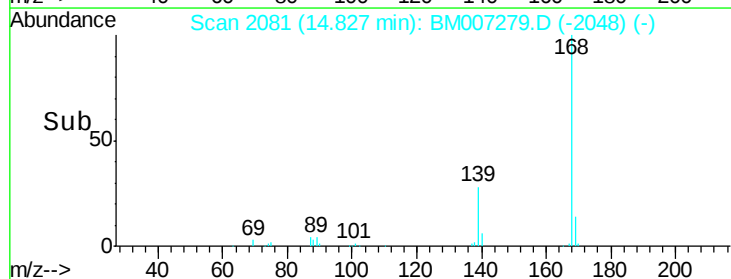
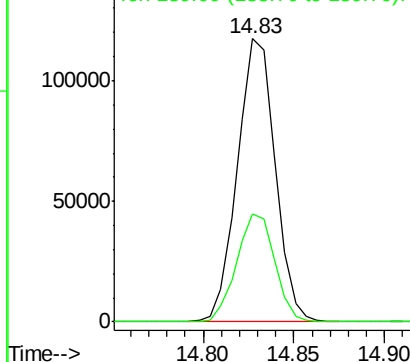
Acq: 24 Aug 2016 15:29

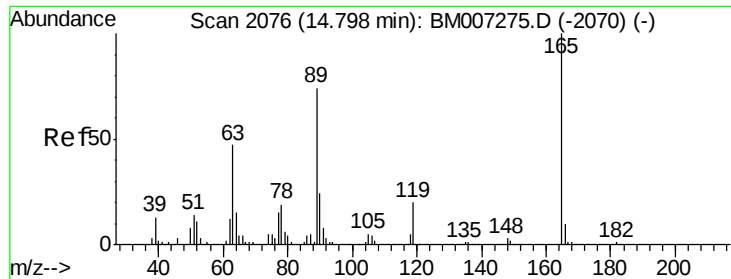
Tgt Ion	Ratio	Resp	Lower	Upper
168	100	170345		
139	38.2	30.1	45.1	



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





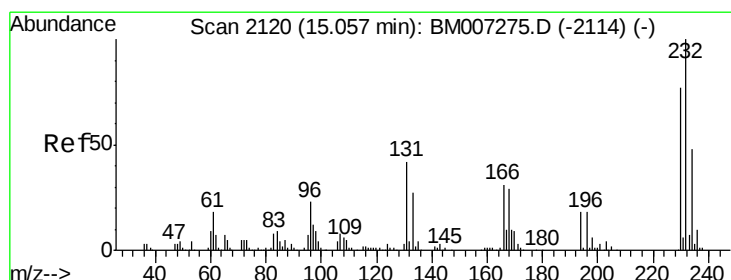
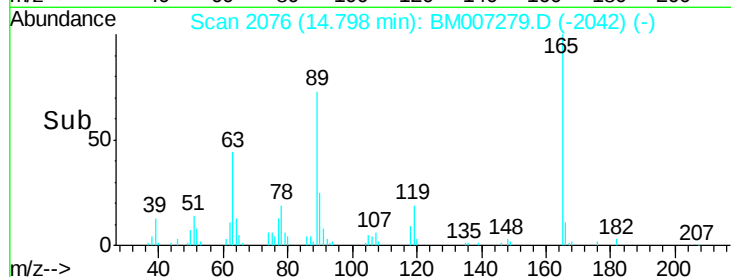
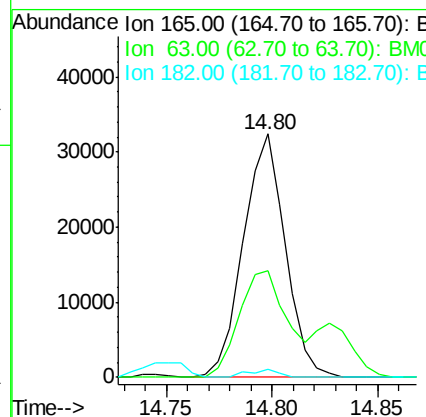
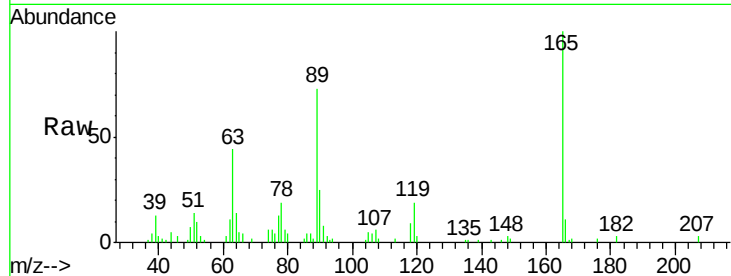
#54
2,4-Dinitrotoluene
Concen: 2.95 ng/ul
RT: 14.80 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	44501		
63	43.6	36.2	54.2	
182	3.2	2.2	3.4	

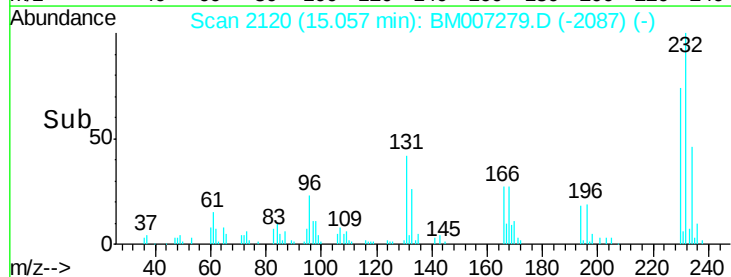
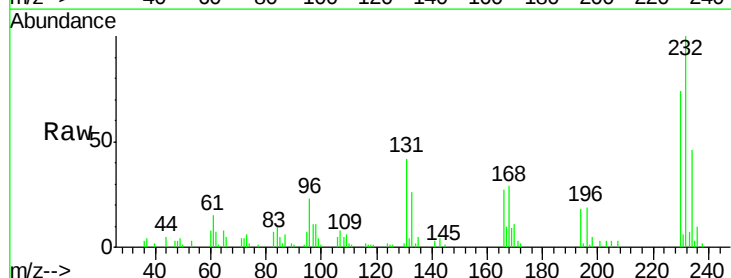
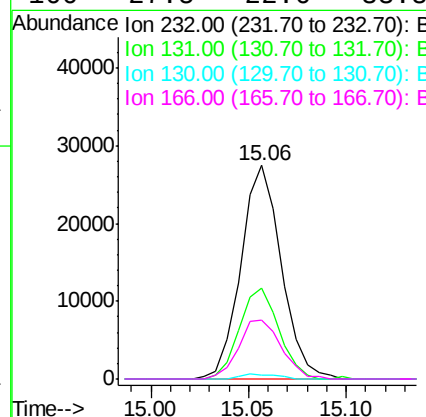
Manual Integrations
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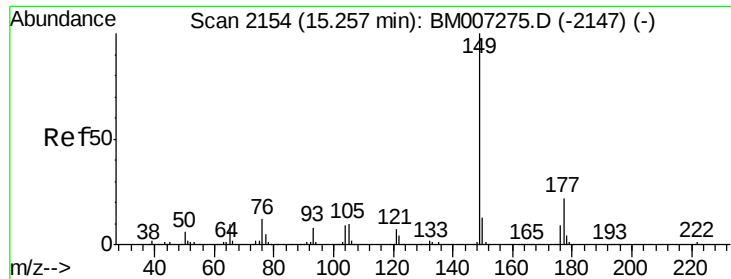
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#55
2,3,4,6-Tetrachlorophenol
Concen: 2.81 ng/ul
RT: 15.06 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	39625		
131	42.5	31.4	47.0	
130	2.0	1.6	2.4	
166	27.5	22.6	33.8	





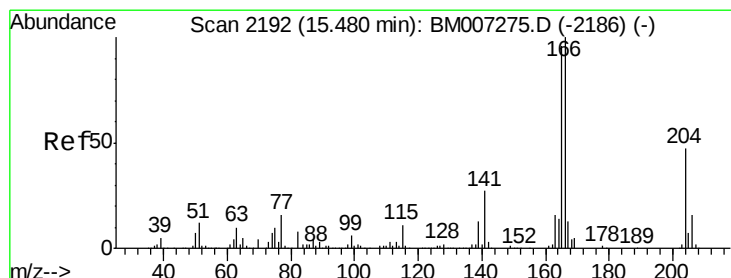
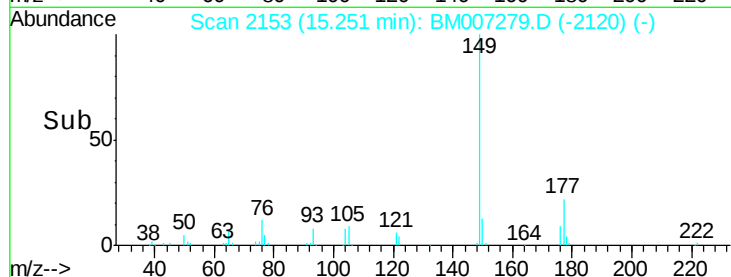
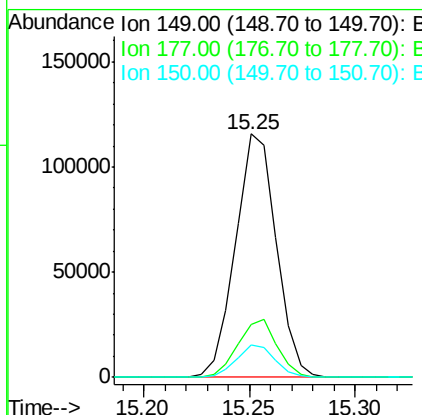
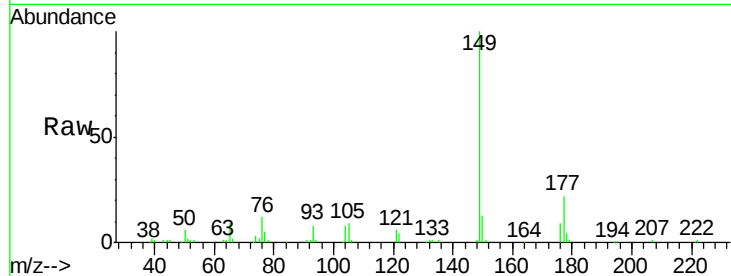
#56
Diethylphthalate
Concen: 3.09 ng/ul
RT: 15.25 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	155101		
177	21.7	18.6	28.0	
150	13.2	10.0	15.0	

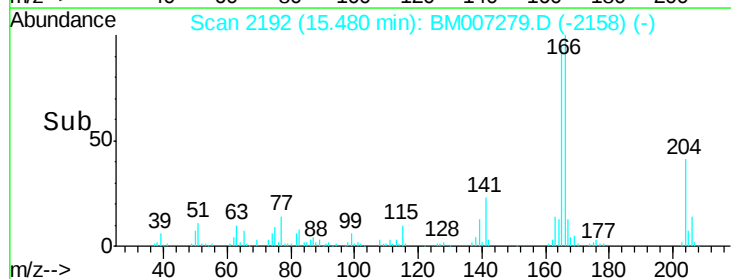
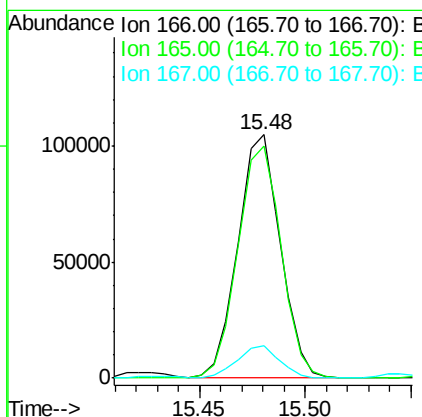
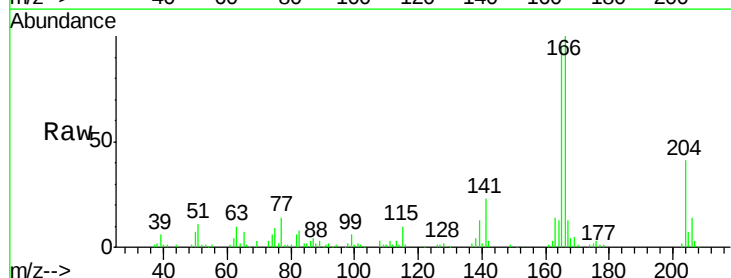
Manual Integrations
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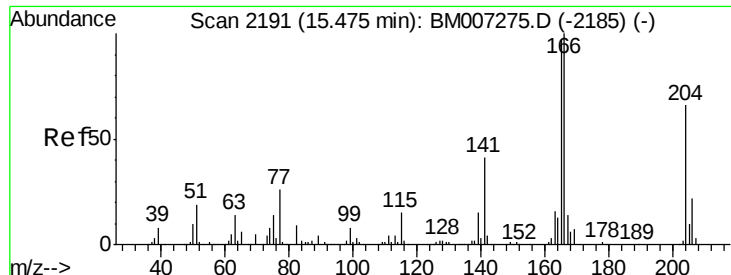
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#58
Fluorene
Concen: 3.18 ng/ul
RT: 15.48 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	146752		
165	95.1	79.9	119.9	
167	13.2	10.5	15.7	





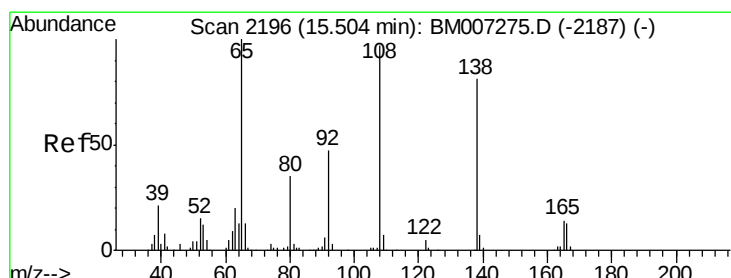
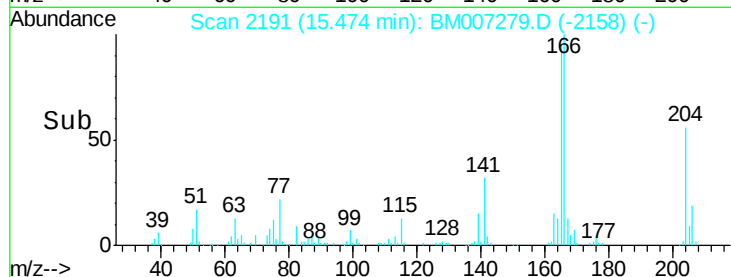
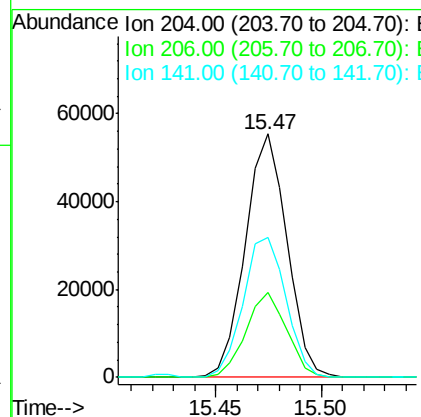
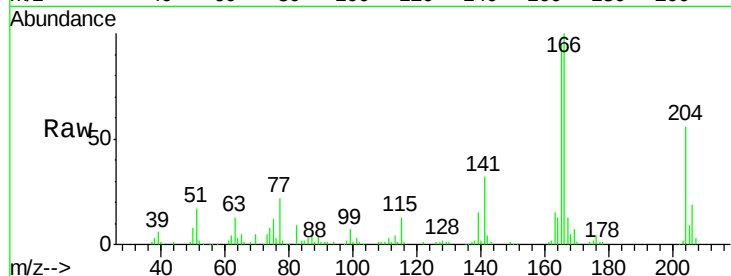
#59
 4-Chlorophenyl-phenylether
 Concen: 3.14 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

Tgt Ion:	204	Resp:	75745
Ion Ratio	Lower	Upper	
204	100		
206	34.7	25.9	38.9
141	57.7	46.1	69.1

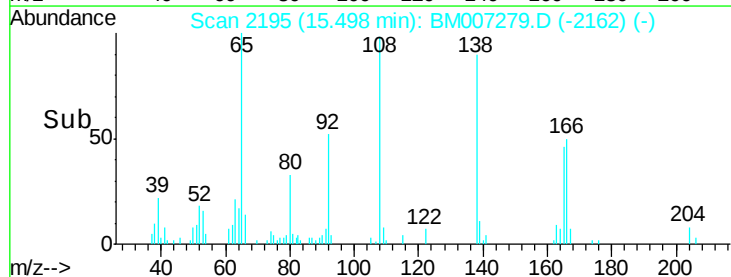
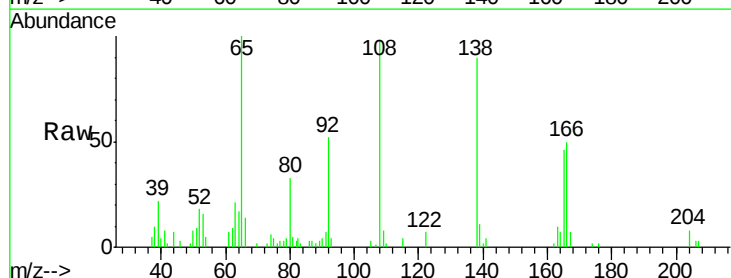
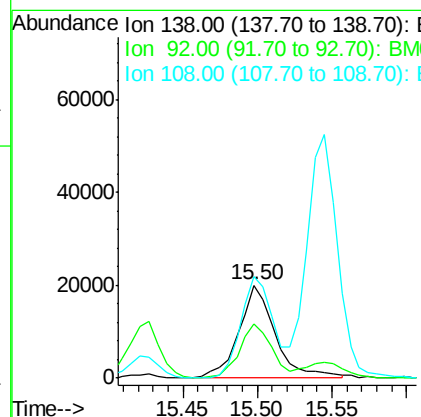
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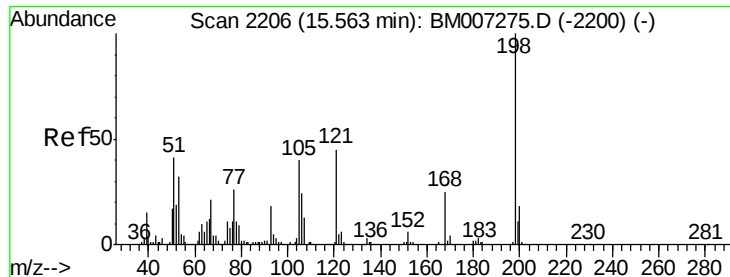
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#60
 4-Nitroaniline
 Concen: 2.97 ng/ul
 RT: 15.50 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Tgt Ion:	138	Resp:	33874
Ion Ratio	Lower	Upper	
138	100		
92	58.1	43.5	65.3
108	109.6	80.3	120.5





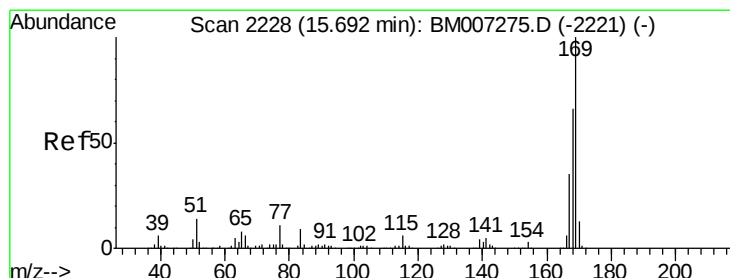
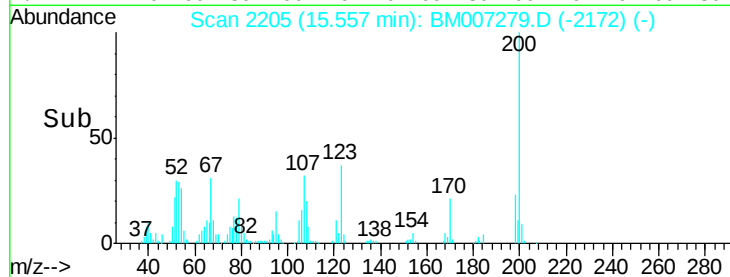
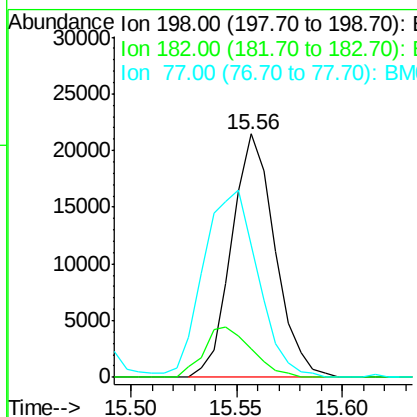
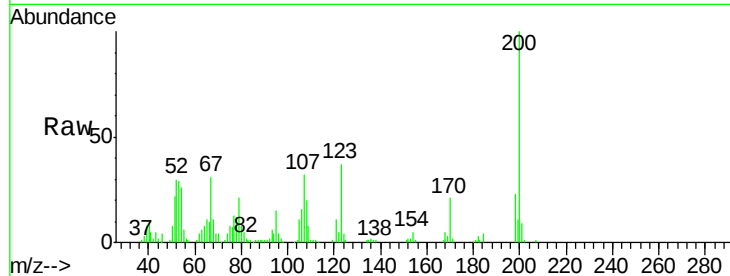
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.94 ng/ul
 RT: 15.56 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	30610		
182	11.9	3.3	4.9#	
77	54.3	21.8	32.6#	

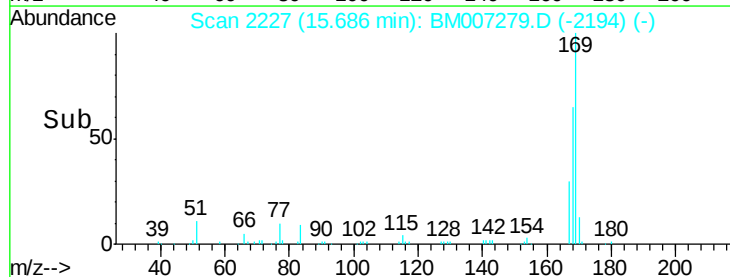
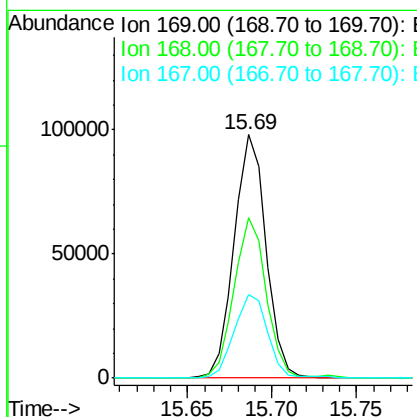
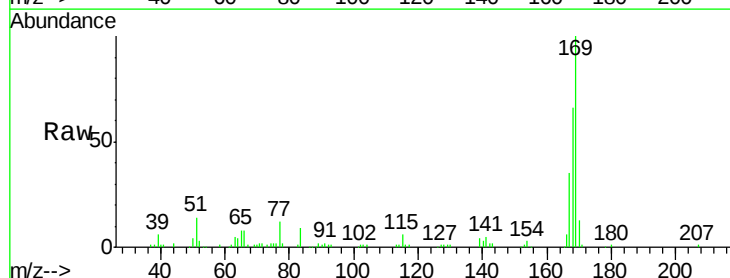
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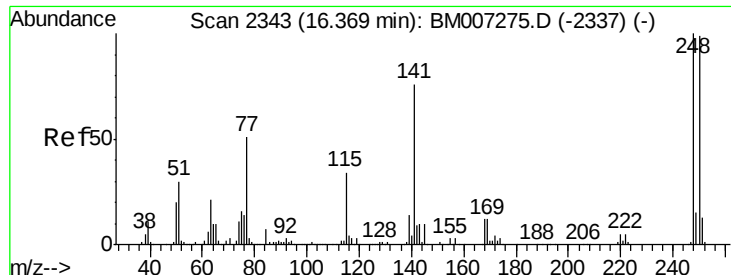
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#64
 N-Nitrosodiphenylamine
 Concen: 2.99 ng/ul
 RT: 15.69 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	129491		
168	65.7	52.6	79.0	
167	34.6	28.6	43.0	





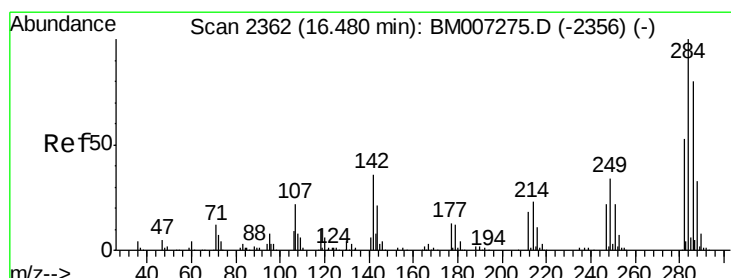
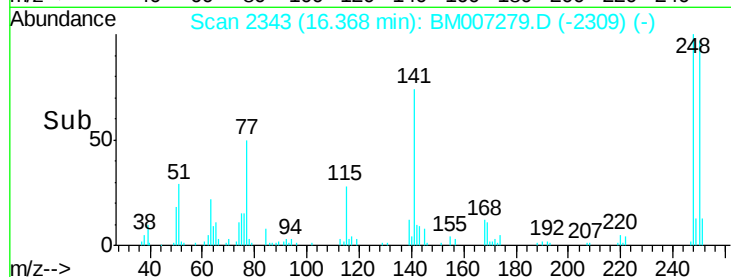
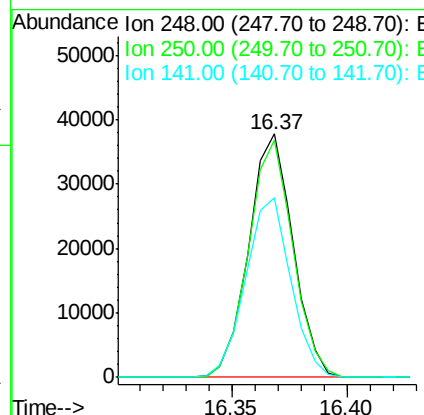
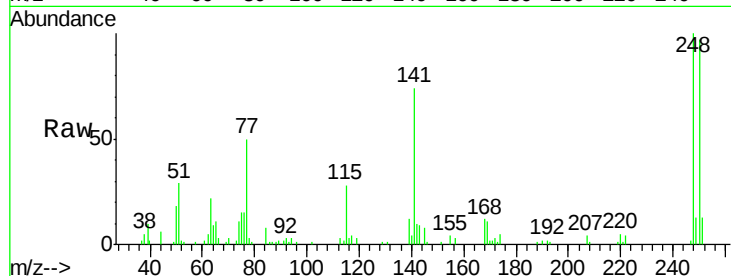
#65
4-Bromophenyl-phenylether
Concen: 2.88 ng/ul
RT: 16.37 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Instrument :
BNA_M
ClientSampled :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.7	119.5
141	73.5	58.3	87.5

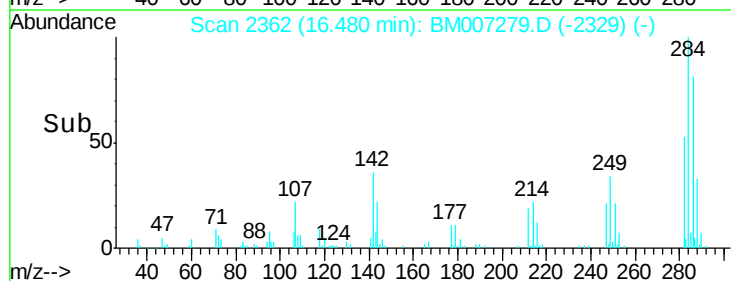
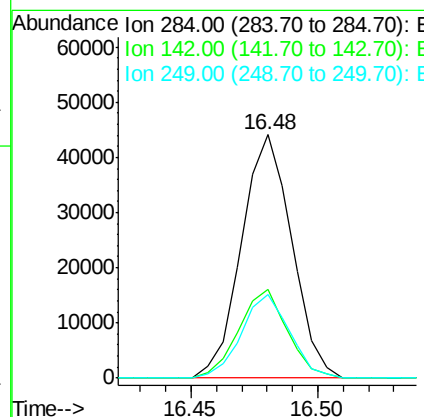
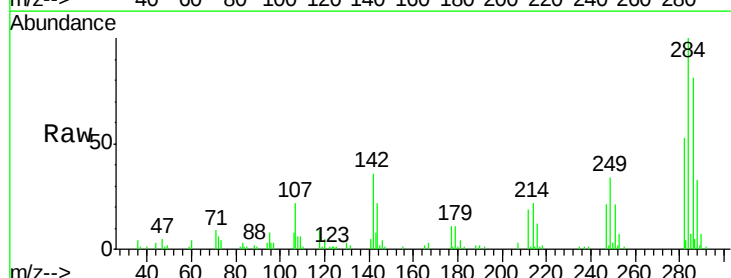
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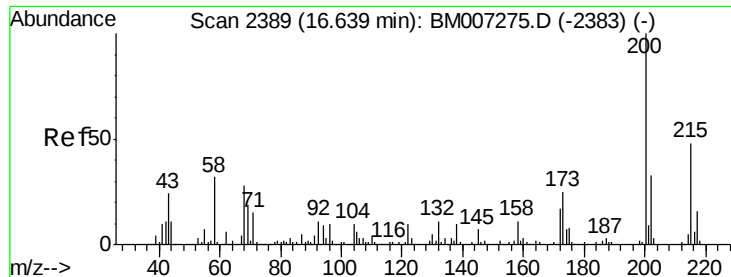
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#66
Hexachlorobenzene
Concen: 3.10 ng/ul
RT: 16.48 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	24.9	37.3
249	34.3	25.5	38.3





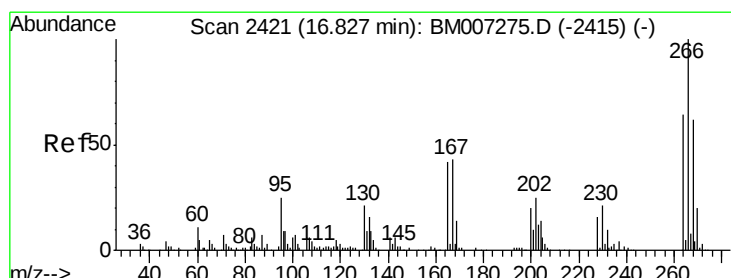
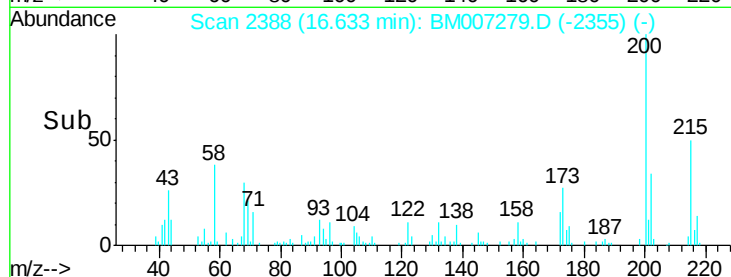
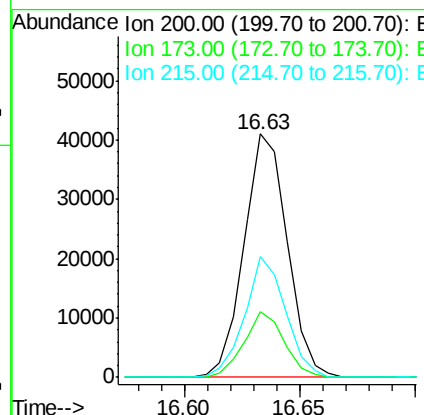
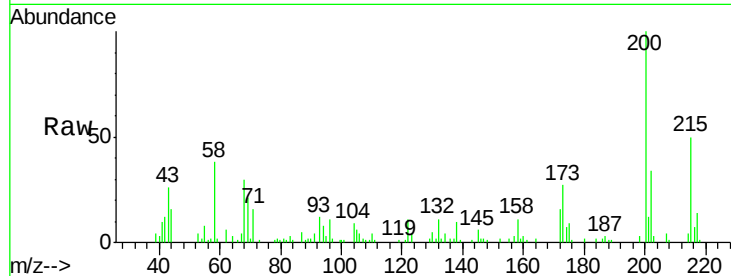
#67
 Atrazine
 Concen: 2.93 ng/ul
 RT: 16.63 min Scan# 2388
 Delta R.T. -0.01 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Instrument :
 BNA_M
 ClientSampled :
 MDL-04-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	18.9	28.3
215	49.6	39.5	59.3

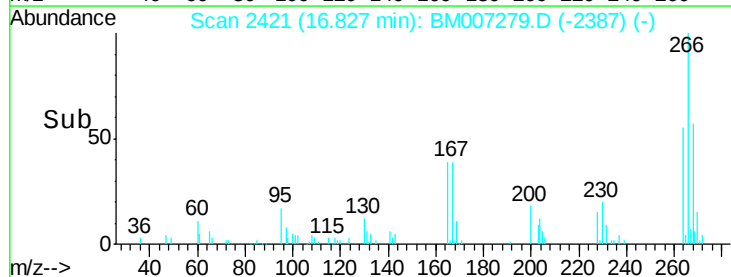
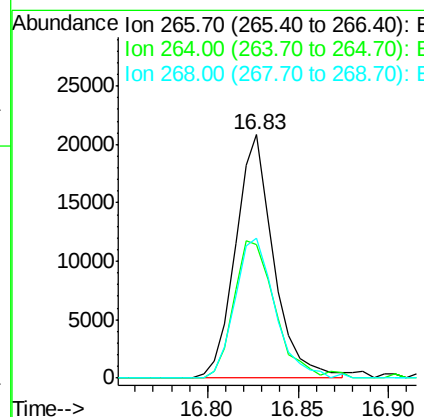
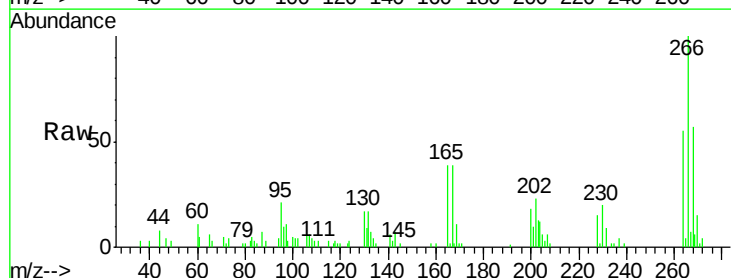
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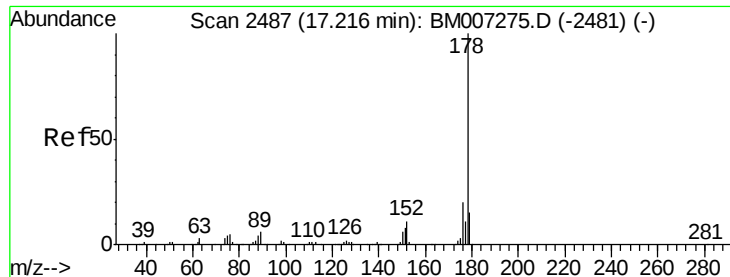
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#68
 Pentachlorophenol
 Concen: 2.41 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	54.7	50.6	75.8
268	57.4	51.0	76.6





#69

Phenanthrene

Concen: 3.09 ng/ul

RT: 17.22 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Instrument :

BNA_M

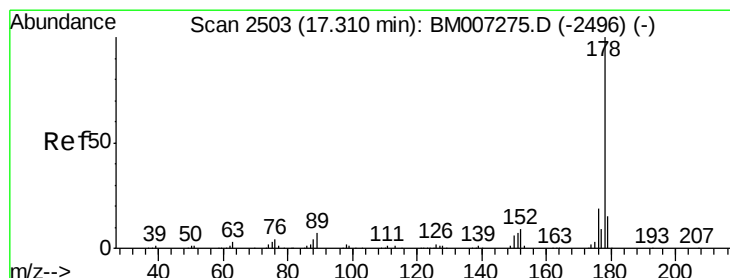
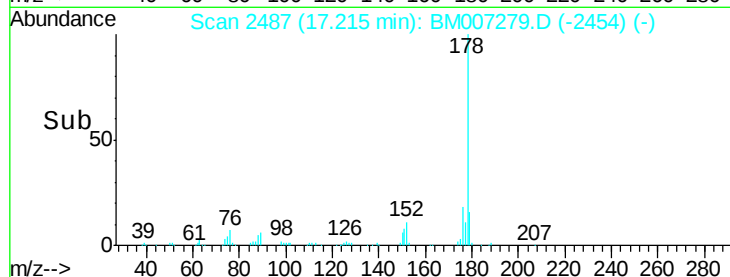
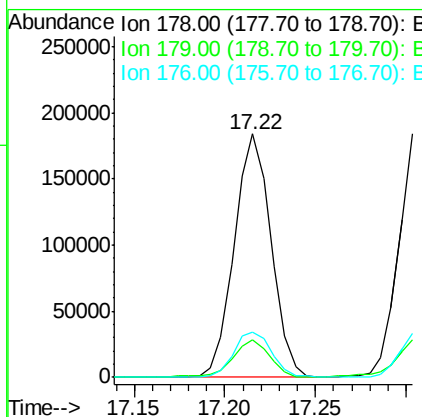
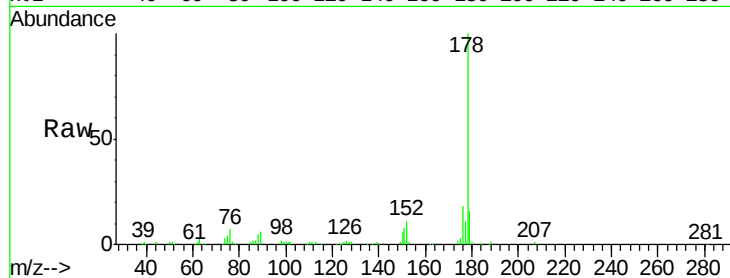
ClientSampled :

MDL-04-W

Tgt Ion:	178	Resp:	257955
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.2	18.2
176	18.5	15.1	22.7

Manual Integrations
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#71

Anthracene

Concen: 3.06 ng/ul

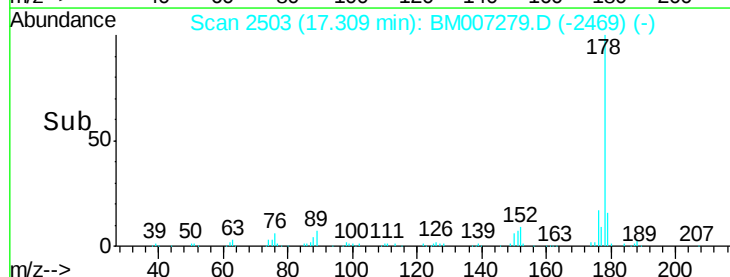
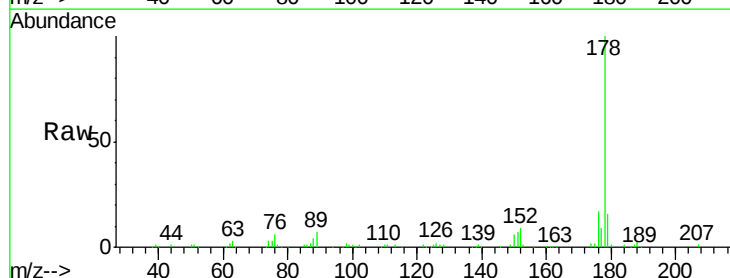
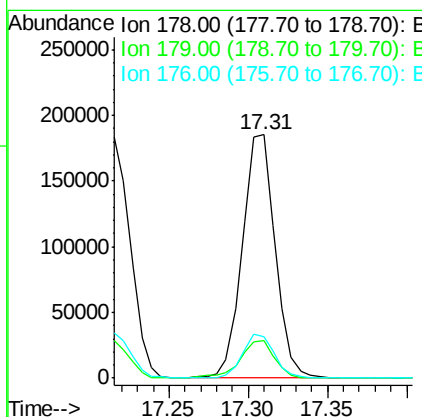
RT: 17.31 min Scan# 2503

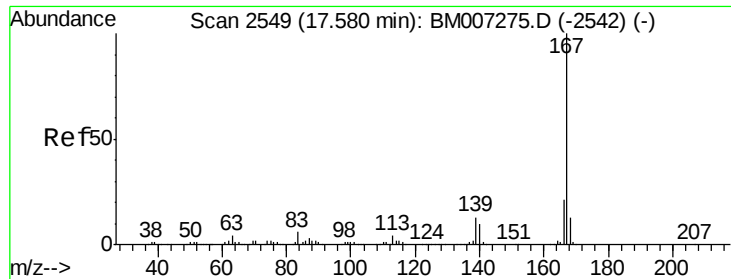
Delta R.T. 0.00 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Tgt Ion:	178	Resp:	263671
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.1	18.1
176	16.9	14.5	21.7





#72

Carbazole

Concen: 3.13 ng/ul

RT: 17.57 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Instrument :

BNA_M

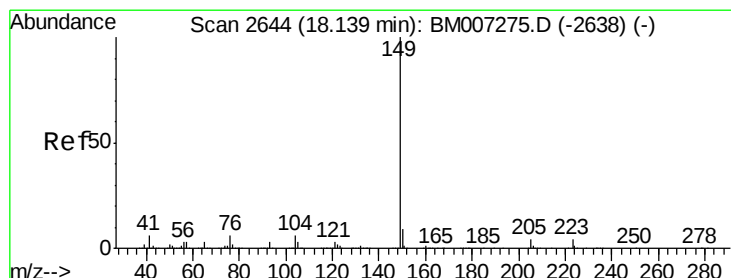
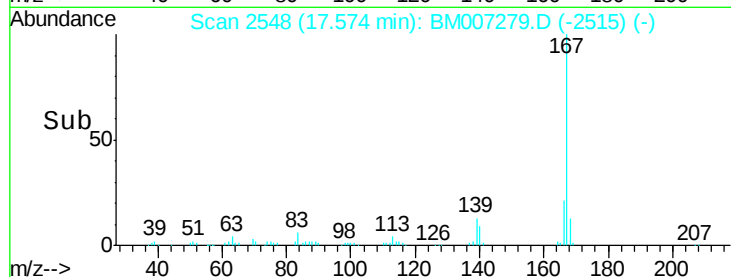
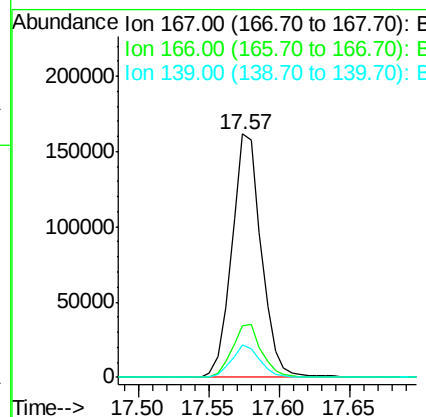
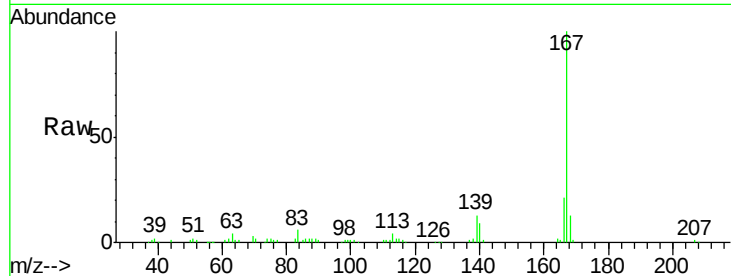
ClientSampleId :

MDL-04-W

Tgt Ion:	167	Resp:	234359
Ion Ratio	Lower	Upper	
167	100		
166	21.4	16.6	25.0
139	13.4	10.2	15.4

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#73

Di-n-butylphthalate

Concen: 2.75 ng/ul

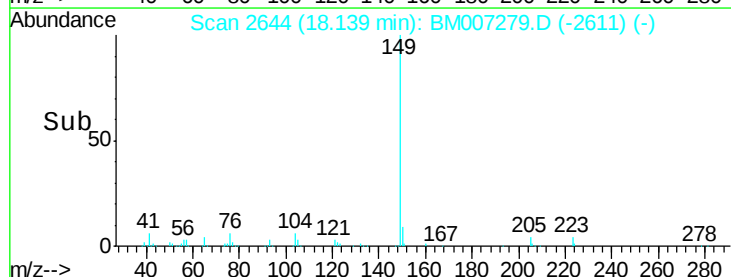
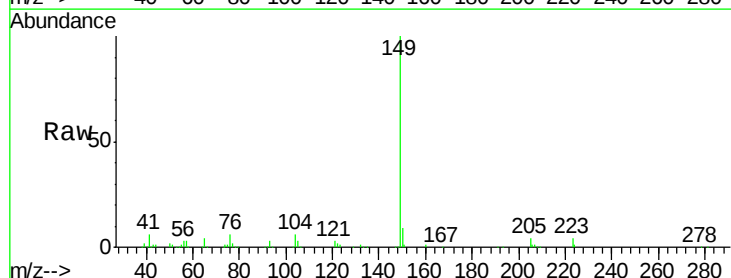
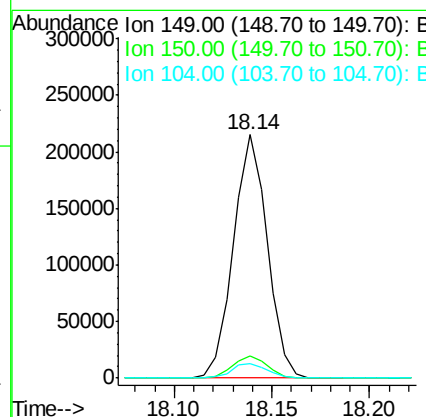
RT: 18.14 min Scan# 2644

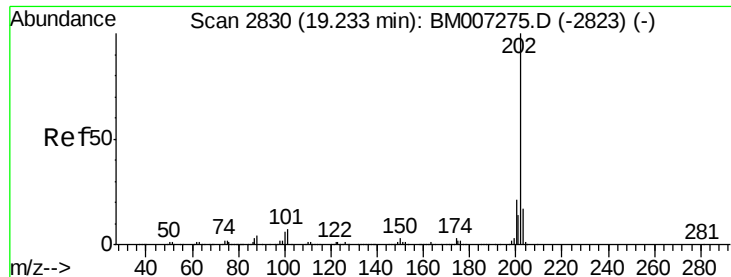
Delta R.T. -0.01 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Tgt Ion:	149	Resp:	259102
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.6	11.4
104	6.1	4.6	7.0





#74

Fluoranthene

Concen: 3.31 ng/ul

RT: 19.23 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Instrument :

BNA_M

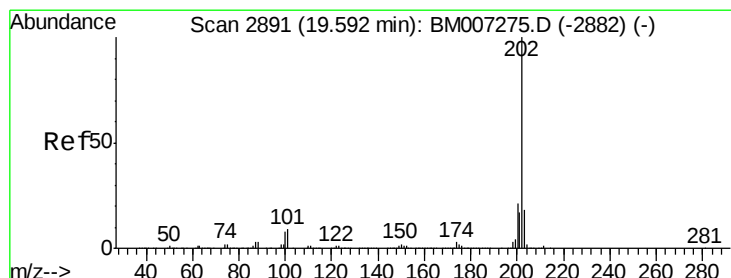
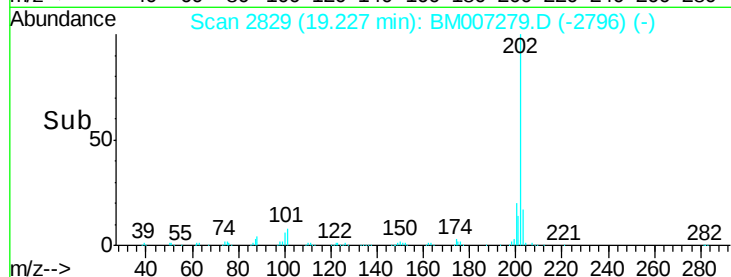
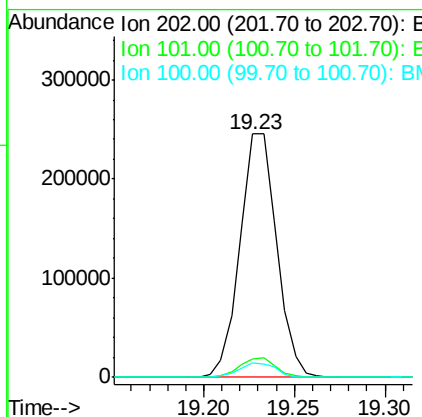
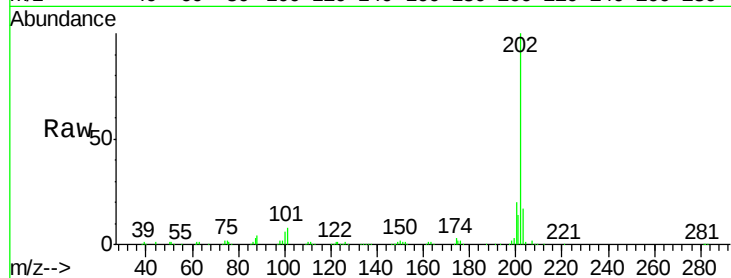
ClientSampleId :

MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	346875		
101	7.5	6.9	10.3	
100	5.7	5.4	8.0	

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#77

Pyrene

Concen: 3.04 ng/ul

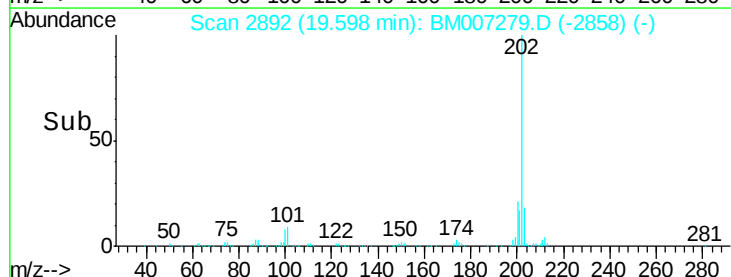
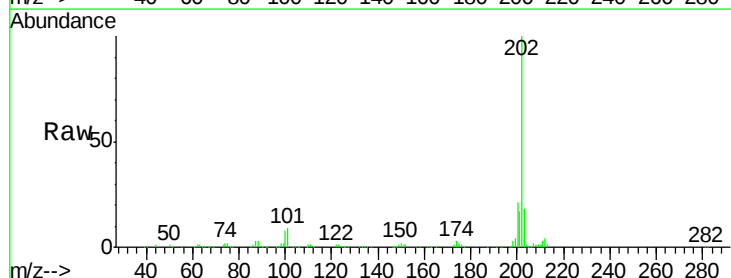
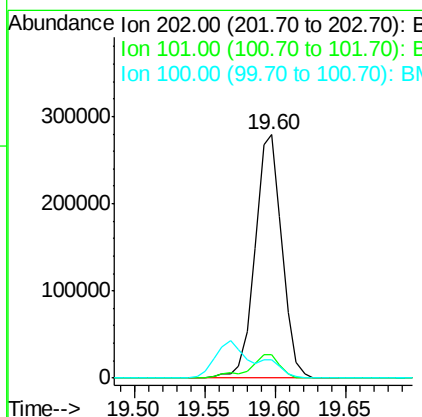
RT: 19.60 min Scan# 2892

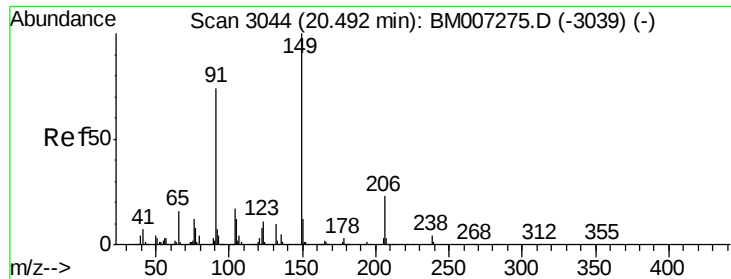
Delta R.T. 0.00 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	373306		
101	9.4	8.4	12.6	
100	7.5	6.9	10.3	





#78

Butylbenzylphthalate

Concen: 2.41 ng/ul

RT: 20.50 min Scan# 3045

Delta R.T. 0.00 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Instrument :

BNA_M

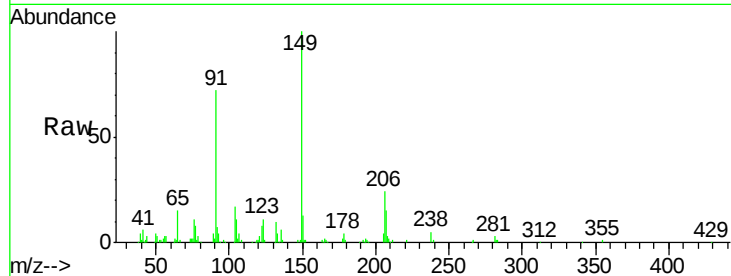
ClientSampled :

MDL-04-W

Tgt Ion:	149	Resp:	123238
Ion Ratio	Lower	Upper	
149	100		
91	72.0	57.3	85.9
206	24.3	18.6	27.8

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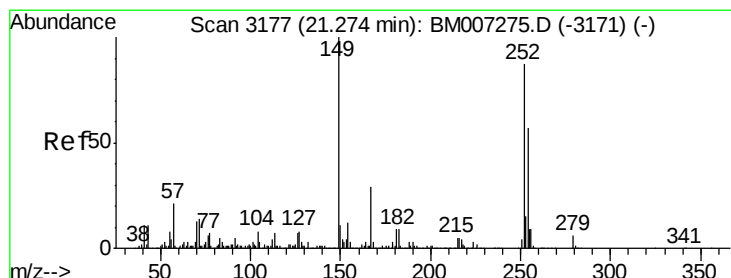
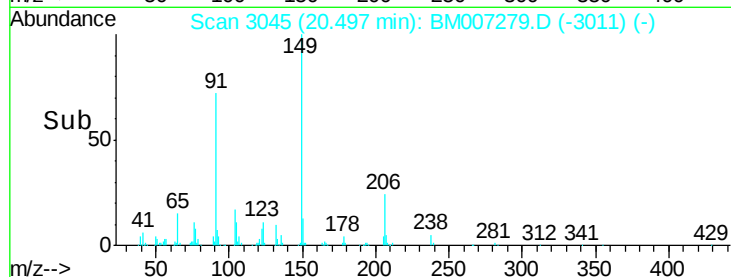
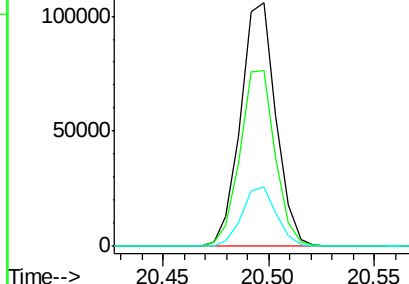
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 2.82 ng/ul

RT: 21.28 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BM007279.D

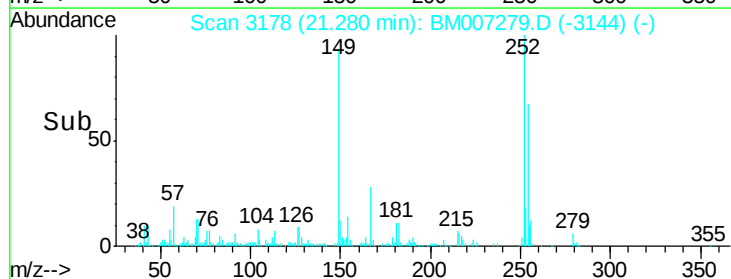
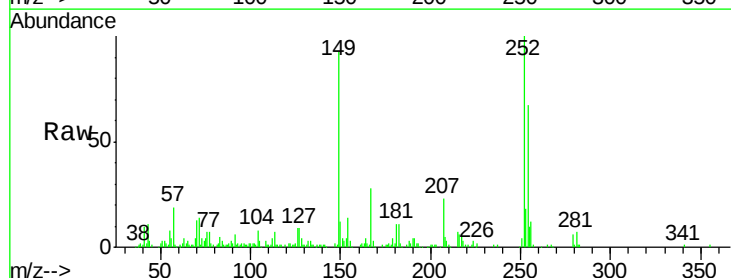
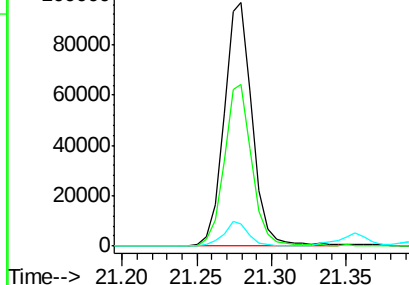
Acq: 24 Aug 2016 15:29

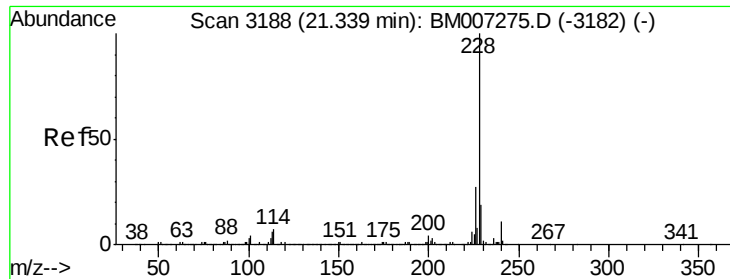
Tgt Ion:	252	Resp:	128370
Ion Ratio	Lower	Upper	
252	100		
254	66.6	51.0	76.4
126	8.9	7.1	10.7

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





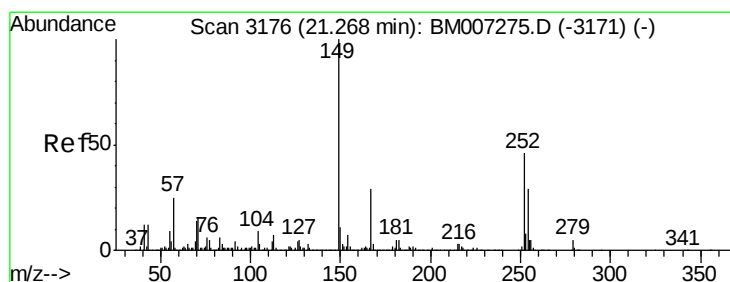
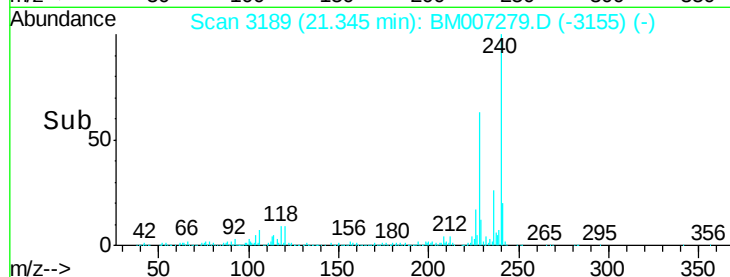
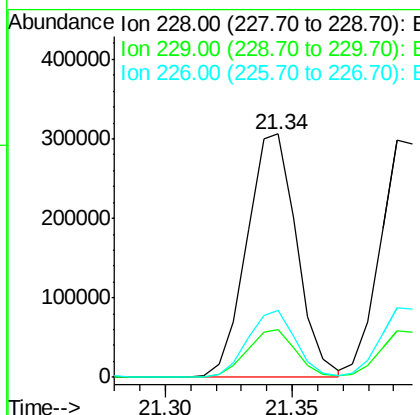
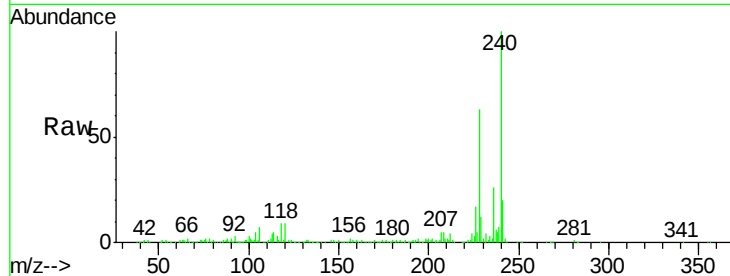
#80
 Benzo(a)anthracene
 Concen: 3.10 ng/ul
 RT: 21.34 min Scan# 3189
 Delta R.T. 0.00 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.6	23.4
226	27.6	21.8	32.8

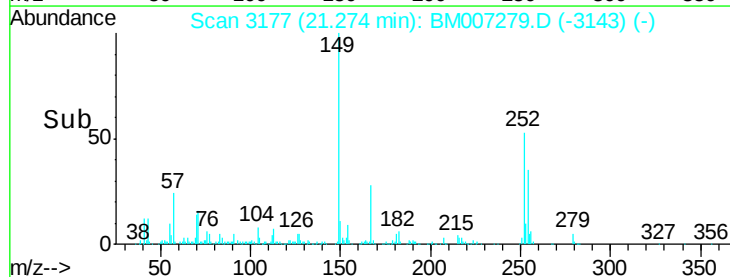
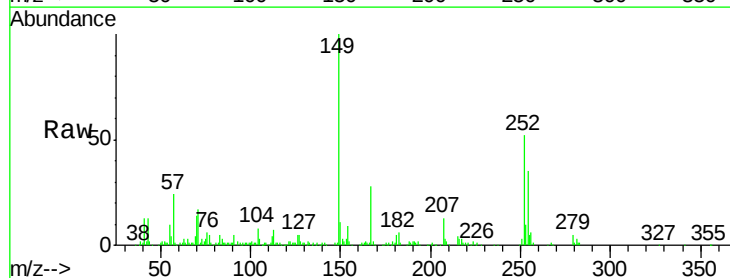
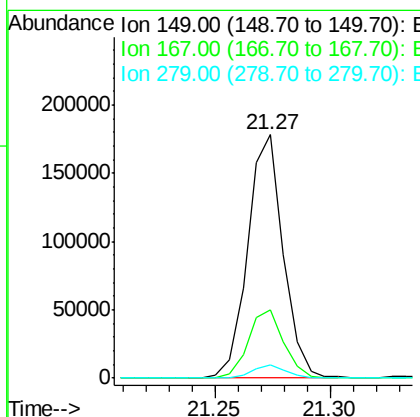
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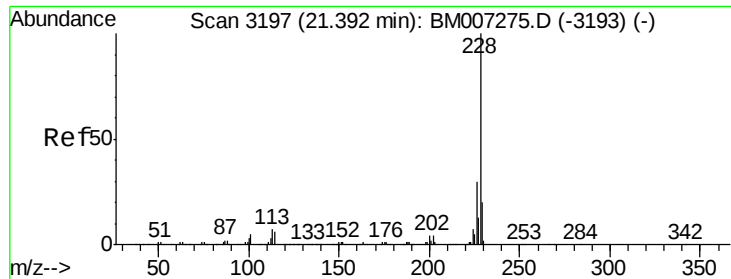
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#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.56 ng/ul
 RT: 21.27 min Scan# 3177
 Delta R.T. 0.00 min
 Lab File: BM007279.D
 Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.2	34.8
279	5.3	4.1	6.1





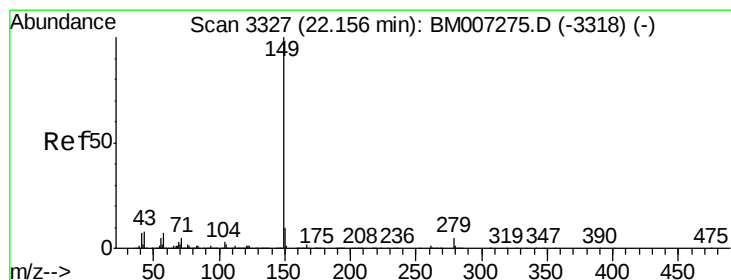
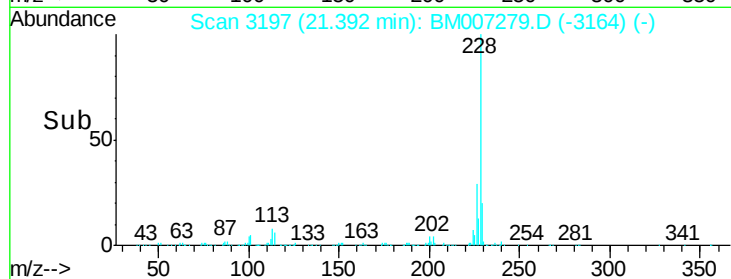
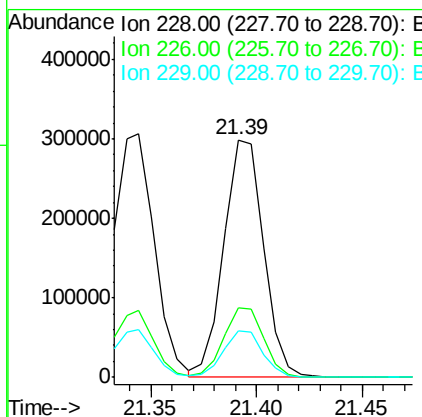
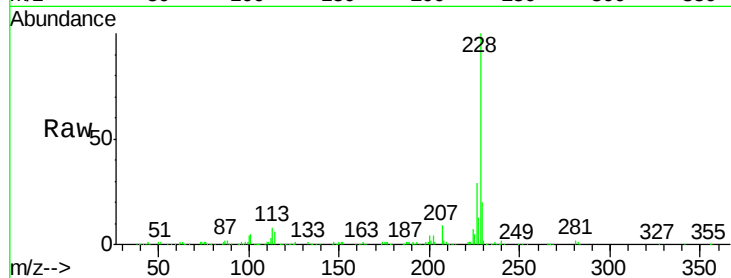
#82
Chrysene
Concen: 3.17 ng/ul
RT: 21.39 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	387626		
226	29.3		23.4	35.2
229	19.5		15.5	23.3

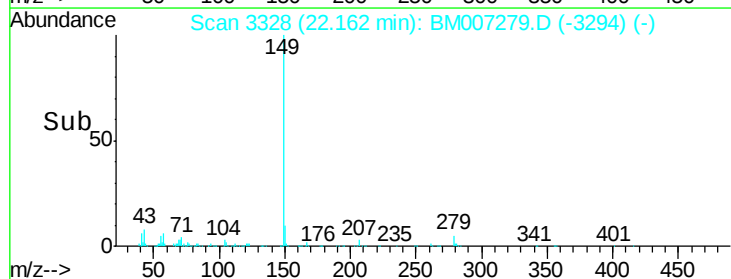
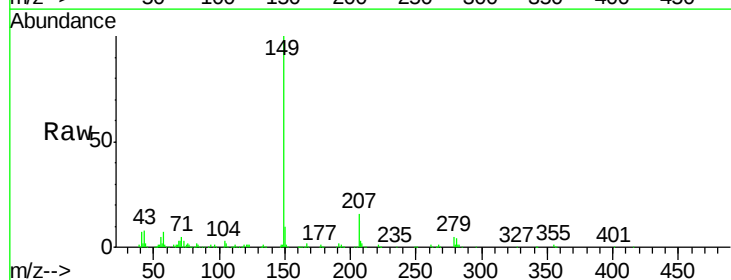
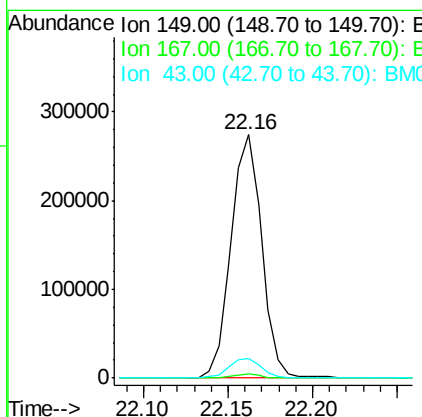
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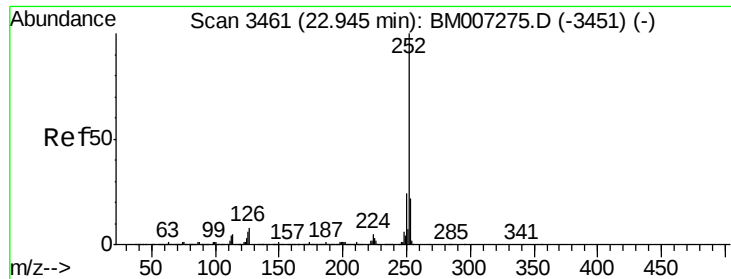
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#84
Di-n-octyl phthalate
Concen: 2.68 ng/ul
RT: 22.16 min Scan# 3328
Delta R.T. 0.00 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	344046		
167	1.9		1.3	1.9#
43	8.0		6.6	10.0





#85

Benzo(b)fluoranthene

Concen: 3.03 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. -0.01 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Instrument :

BNA_M

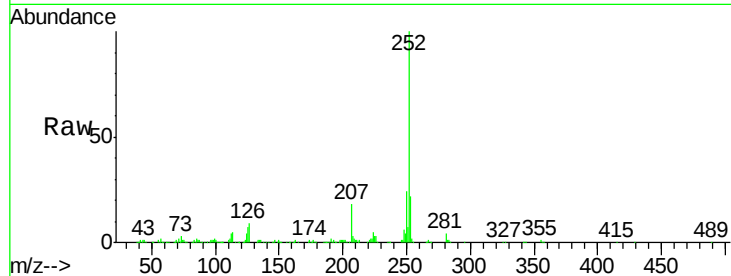
ClientSampleId :

MDL-04-W

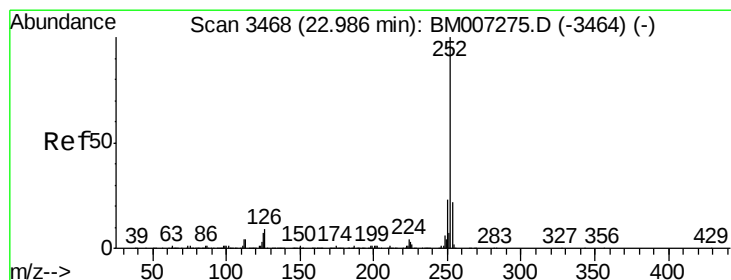
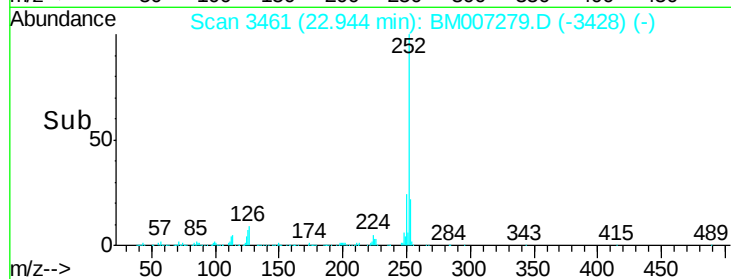
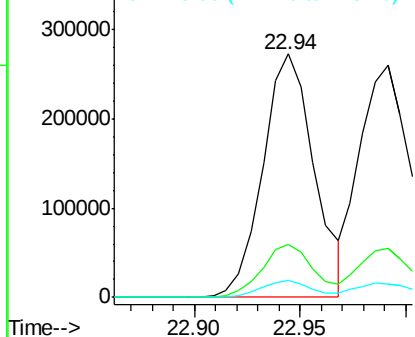
Tgt Ion:	252	Resp:	462483
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.1	25.7
125	6.7	5.8	8.8

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 3.12 ng/ul m

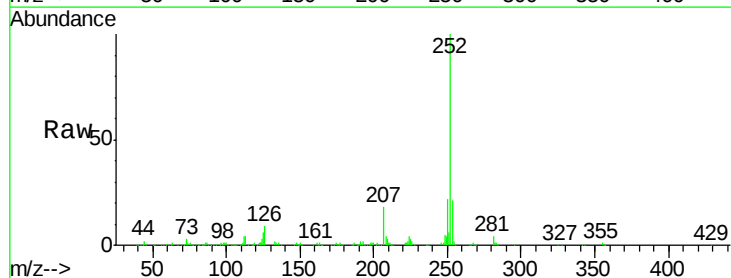
RT: 22.99 min Scan# 3469

Delta R.T. 0.00 min

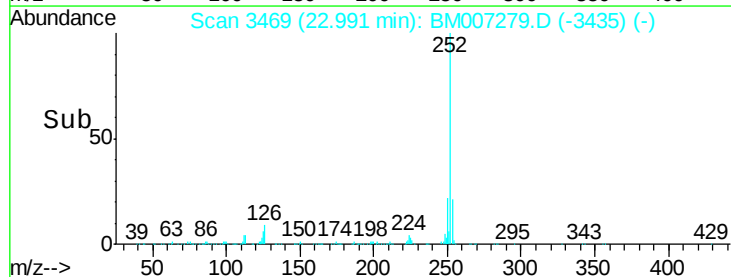
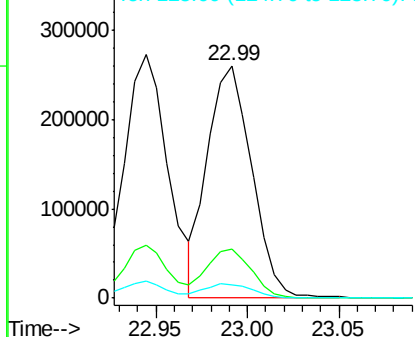
Lab File: BM007279.D

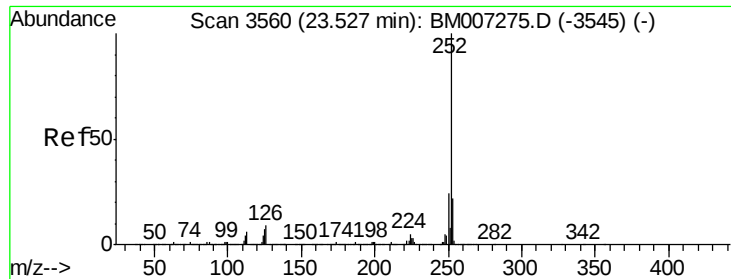
Acq: 24 Aug 2016 15:29

Tgt Ion:	252	Resp:	439741
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.6	26.4
125	5.6	5.7	8.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





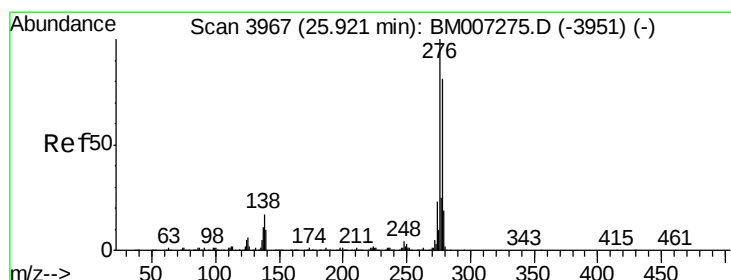
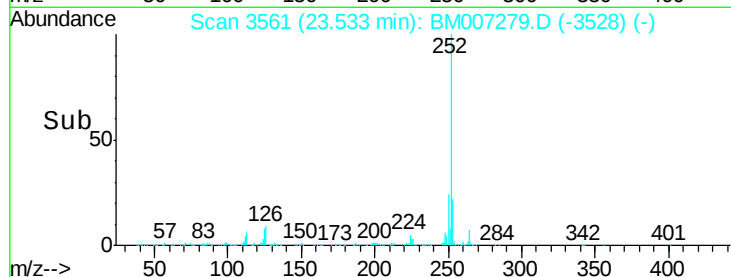
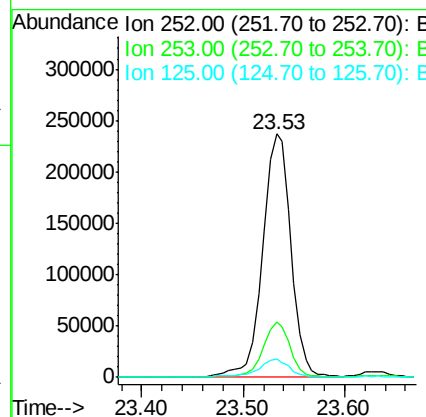
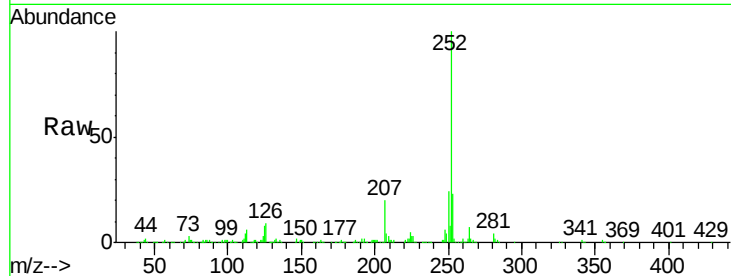
#88
Benzo(a)pyrene
Concen: 3.17 ng/ul
RT: 23.53 min Scan# 3561
Delta R.T. -0.01 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	7.7	6.6	9.8

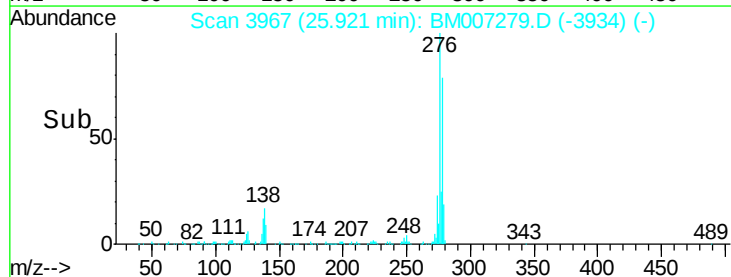
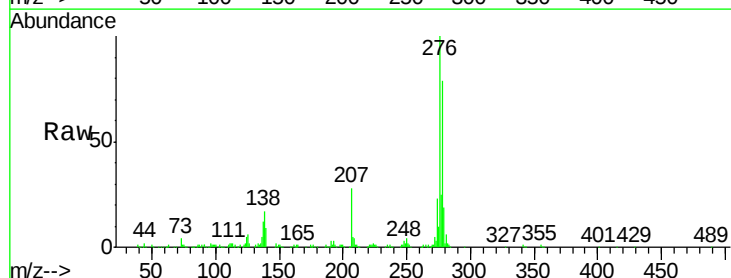
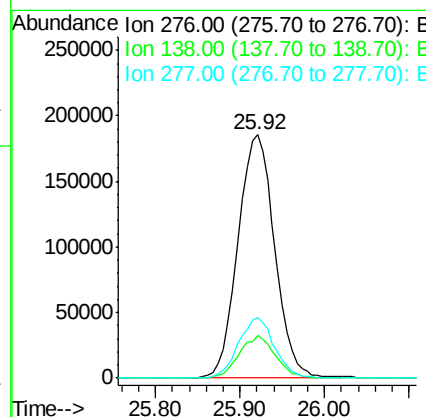
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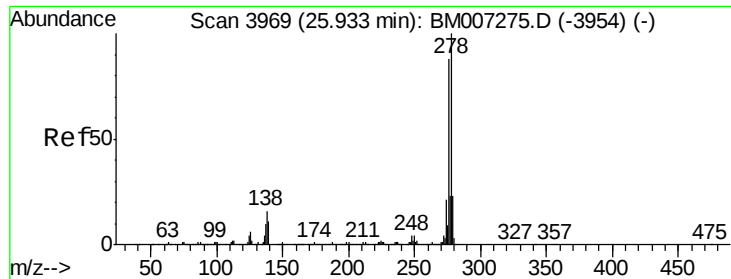
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.12 ng/ul
RT: 25.92 min Scan# 3967
Delta R.T. -0.01 min
Lab File: BM007279.D
Acq: 24 Aug 2016 15:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	13.9	20.9
277	24.9	20.1	30.1





#90

Dibenzo(a,h)anthracene

Concen: 3.12 ng/ul

RT: 25.93 min Scan# 3968

Delta R.T. -0.01 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Instrument :

BNA_M

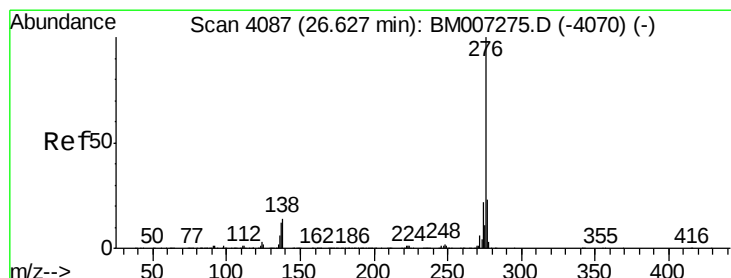
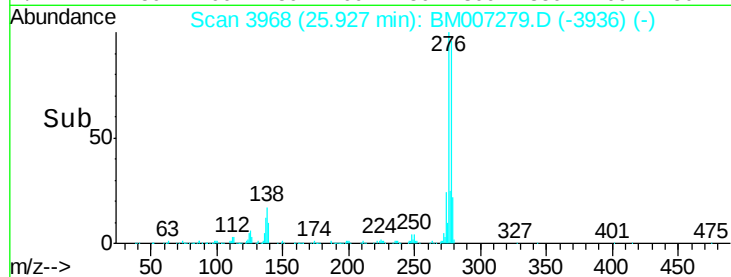
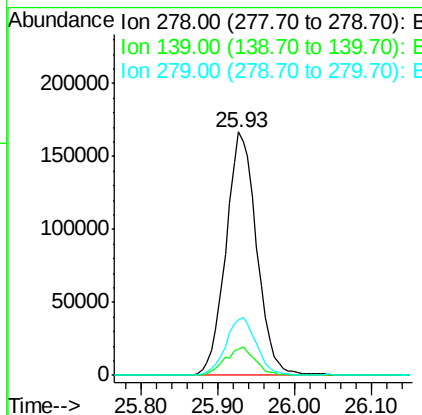
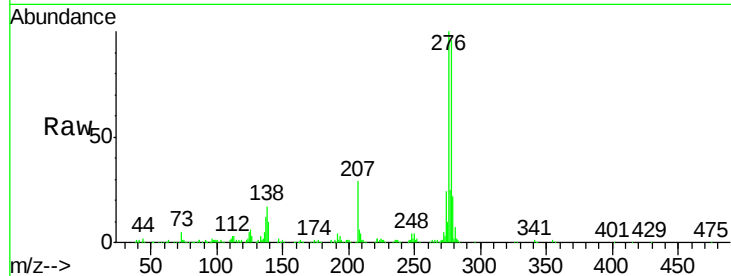
ClientSampleId :

MDL-04-W

Tgt Ion:	278	Resp:	465527
Ion Ratio	Lower	Upper	
278	100		
139	10.7	9.5	14.3
279	22.7	19.1	28.7

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 3.04 ng/ul

RT: 26.62 min Scan# 4086

Delta R.T. -0.01 min

Lab File: BM007279.D

Acq: 24 Aug 2016 15:29

Tgt Ion:	276	Resp:	462241
Ion Ratio	Lower	Upper	
276	100		
138	15.2	13.5	20.3
277	23.3	19.3	28.9

