

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
 Data File : BM007289.D
 Acq On : 24 Aug 2016 22:51
 Operator : UM/SJ
 Sample : MDL-04-S-ML
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Manual Integrations
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 8/25/2016 6:31:37 PM

Quant Time: Aug 25 10:29:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 25 10:16:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	249137	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1262699	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	911610	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2543604	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	3783910	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	4289040	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	11573	2.37	ng/uL	0.00
5) Phenol-d5	6.97	99	502596	21.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	291403	23.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	395032	22.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	450694	21.96	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	215441	23.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	259238	23.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	459447	21.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	659248	24.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	2021738	25.71	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2187190	23.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	386190	26.01	ng/ul	0.00
57) Fluorene-d10	15.43	176	1673383	24.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	397865	24.88	ng/ul	0.00
70) Anthracene-d10	17.27	188	2941019	24.75	ng/ul	0.00
76) Pyrene-d10	19.57	212	3934144	24.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	5043188	25.53	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	2457	0.45 ng/uL#	76
4) Benzaldehyde	6.95	77	30863	2.30 ng/ul	95
6) Phenol	6.99	94	42604	1.75 ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.23	93	33330	1.96 ng/ul	98
10) 2-Chlorophenol	7.36	128	33059	1.86 ng/ul	98
11) 2-Methylphenol	8.24	108	32410	1.70 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	37071	1.94 ng/ul#	95
14) Acetophenone	8.62	105	61679	1.96 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	31718	1.90 ng/ul#	93
16) 4-Methylphenol	8.56	108	39250	1.83 ng/ul	93
17) Hexachloroethane	8.87	117	12552	1.81 ng/ul	98
20) Nitrobenzene	8.99	77	47556	2.00 ng/ul	95
21) Isophorone	9.52	82	88666	1.83 ng/ul	98
23) 2-Nitrophenol	9.70	139	22698	1.93 ng/ul	94
24) 2,4-Dimethylphenol	9.76	107	46708	1.80 ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.00	93	48891	1.79 ng/ul	96
27) 2,4-Dichlorophenol	10.23	162	37871	1.77 ng/ul	91
28) Naphthalene	10.63	128	119083	1.90 ng/ul	97
30) 4-Chloroaniline	10.75	127	53765	1.94 ng/ul	97
31) Hexachlorobutadiene	10.92	225	27967	1.93 ng/ul	88
32) Caprolactam	11.55	113	15715m	1.82 ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	45116	1.70 ng/ul	95
34) 2-Methylnaphthalene	12.25	142	95972	1.87 ng/ul	100

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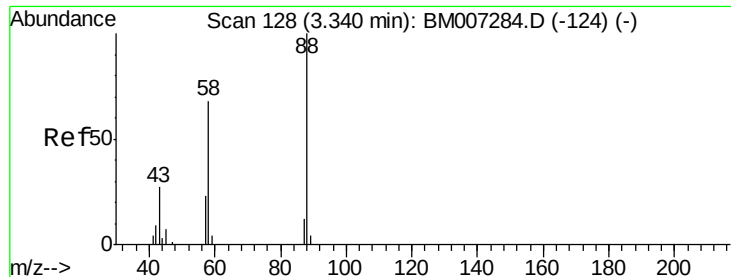
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	58570	1.93	ng/ul	95
37) Hexachlorocyclopentadiene	12.60	237	24676	1.35	ng/ul#	99
38) 2,4,6-Trichlorophenol	12.86	196	36667	1.71	ng/ul	96
39) 2,4,5-Trichlorophenol	12.93	196	37457	1.67	ng/ul	97
40) 1,1'-Biphenyl	13.26	154	134902	1.91	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	103860	1.87	ng/ul	99
42) 2-Nitroaniline	13.51	65	31293	1.73	ng/ul	97
44) Dimethylphthalate	13.89	163	164014	2.09	ng/ul	96
45) 2,6-Dinitrotoluene	14.01	165	27744	1.73	ng/ul#	87
47) Acenaphthylene	14.15	152	185106	1.97	ng/ul	96
48) 3-Nitroaniline	14.34	138	29762	1.82	ng/ul	88
49) Acenaphthene	14.50	153	120587	1.98	ng/ul	94
50) 2,4-Dinitrophenol	14.55	184	13864	1.28	ng/ul	96
52) 4-Nitrophenol	14.64	109	35263	2.23	ng/ul	90
53) Dibenzofuran	14.83	168	183381	2.01	ng/ul	94
54) 2,4-Dinitrotoluene	14.80	165	49357	2.01	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	43004	1.87	ng/ul#	96
56) Diethylphthalate	15.26	149	169882	2.08	ng/ul	98
58) Fluorene	15.48	166	156634	2.08	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.47	204	80710	2.05	ng/ul	96
60) 4-Nitroaniline	15.50	138	37816	2.04	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.56	198	35528	2.08	ng/ul#	50
64) N-Nitrosodiphenylamine	15.69	169	140596	1.98	ng/ul	97
65) 4-Bromophenyl-phenylether	16.37	248	56000	1.95	ng/ul	97
66) Hexachlorobenzene	16.48	284	66569	2.07	ng/ul	97
67) Atrazine	16.64	200	62073	2.07	ng/ul	98
68) Pentachlorophenol	16.83	266	34113	1.64	ng/ul	99
69) Phenanthrene	17.22	178	280995	2.06	ng/ul	99
71) Anthracene	17.31	178	286630	2.03	ng/ul	98
72) Carbazole	17.57	167	260271	2.12	ng/ul	98
73) Di-n-butylphthalate	18.14	149	305415	1.98	ng/ul	99
74) Fluoranthene	19.23	202	394134	2.30	ng/ul	97
77) Pyrene	19.59	202	426200	2.10	ng/ul	98
78) Butylbenzylphthalate	20.49	149	148354	1.76	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.27	252	152920	2.04	ng/ul	99
80) Benzo(a)anthracene	21.34	228	488307	2.19	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	225167	1.84	ng/ul	100
82) Chrysene	21.39	228	436856	2.16	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	410114	1.92	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	544662	2.15	ng/ul	100
86) Benzo(k)fluoranthene	22.99	252	507202	2.16	ng/ul	99
88) Benzo(a)pyrene	23.53	252	542038	2.23	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	645519	2.17	ng/ul	98
90) Dibenzo(a,h)anthracene	25.93	278	554136	2.24	ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	552355	2.18	ng/ul	96

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



#2

1,4-Dioxane

Concen: 0.45 ng/uL

RT: 3.35 min Scan# 129

Delta R.T. 0.00 min

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Instrument :

BNA_M

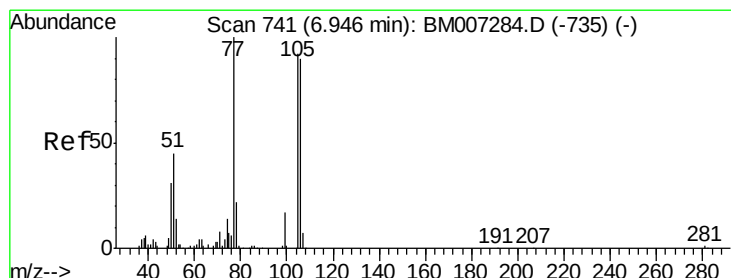
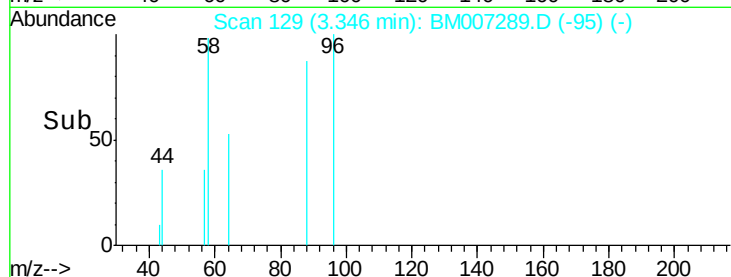
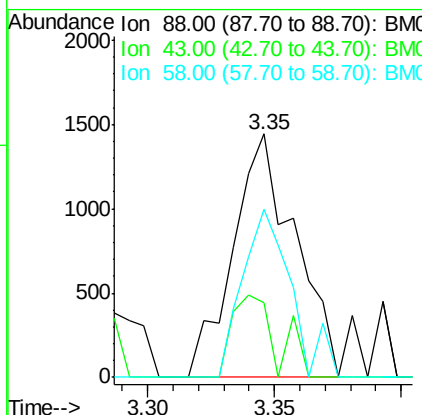
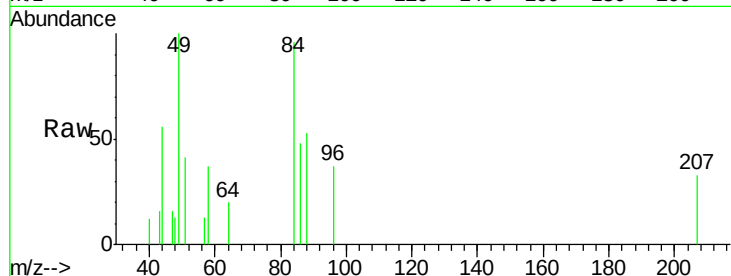
ClientSampleId :

MDL-04-S-ML

Tgt Ion:	88	Resp:	2457
Ion Ratio	Lower	Upper	
88	100		
43	19.0	22.6	34.0#
58	49.5	57.3	85.9#

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#4

Benzaldehyde

Concen: 2.30 ng/uL

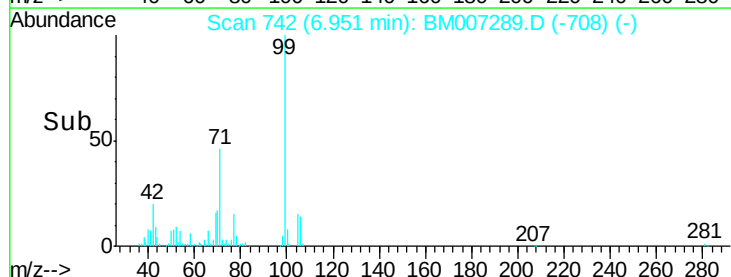
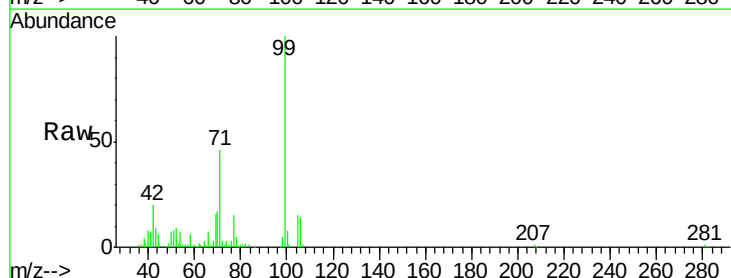
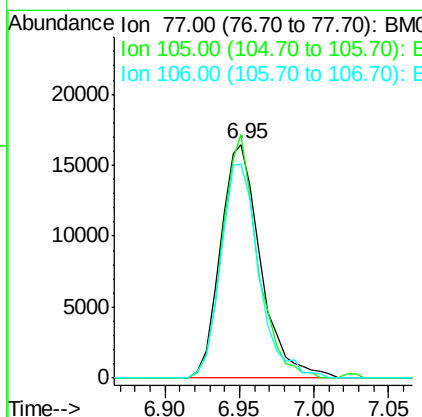
RT: 6.95 min Scan# 742

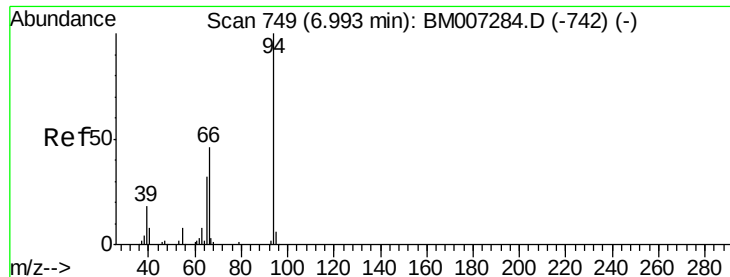
Delta R.T. 0.00 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Tgt Ion:	77	Resp:	30863
Ion Ratio	Lower	Upper	
77	100		
105	104.3	76.9	115.3
106	91.9	71.8	107.8





#6

Phenol

Concen: 1.75 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Instrument :

BNA_M

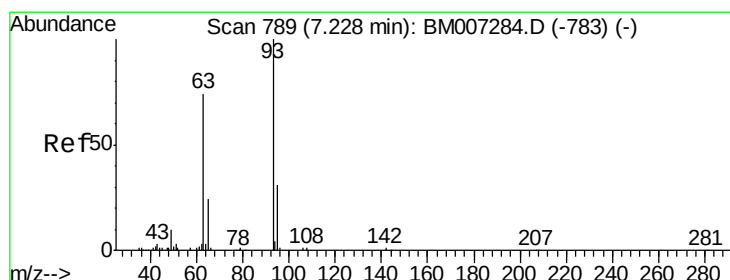
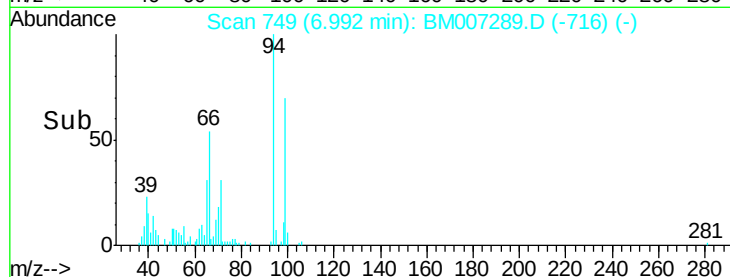
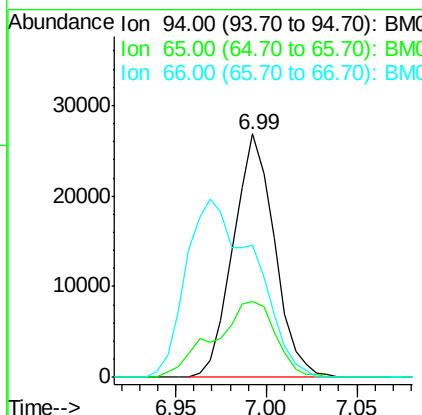
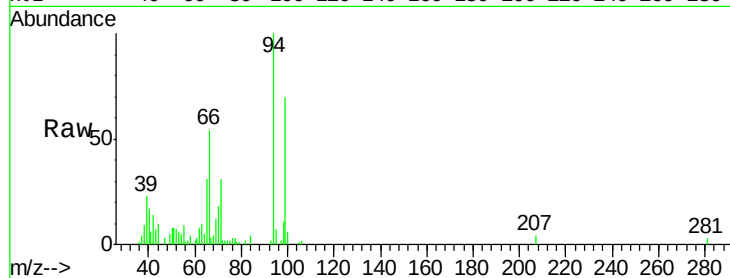
ClientSampleId :

MDL-04-S-ML

Tgt Ion:	94	Resp:	42604
Ion	Ratio	Lower	Upper
94	100		
65	31.2	23.9	35.9
66	54.2	33.5	50.3#

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#8

Bis(2-Chloroethyl)ether

Concen: 1.96 ng/ul

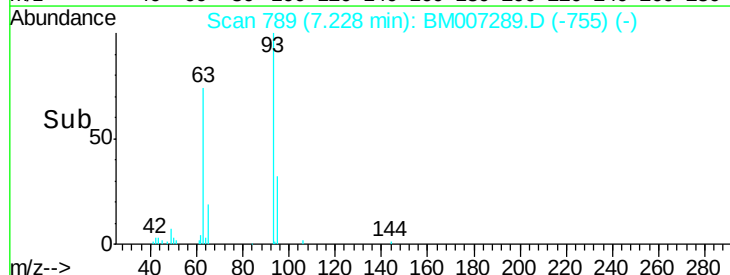
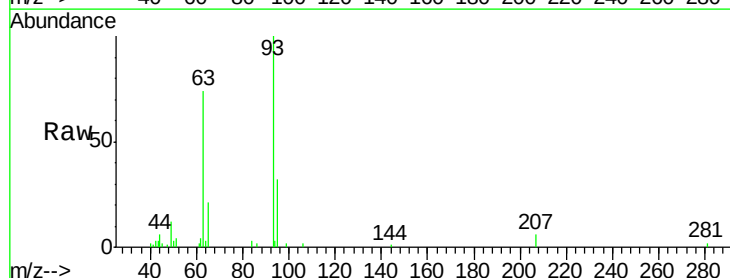
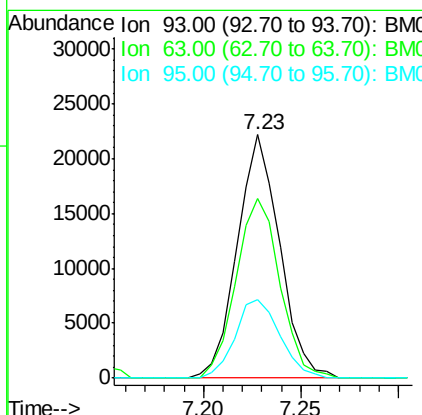
RT: 7.23 min Scan# 789

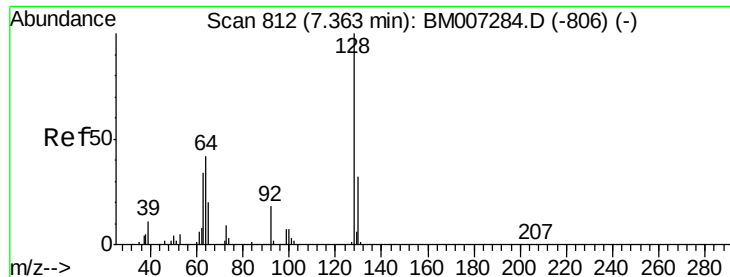
Delta R.T. 0.00 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Tgt Ion:	93	Resp:	33330
Ion	Ratio	Lower	Upper
93	100		
63	73.6	57.3	85.9
95	32.3	25.1	37.7





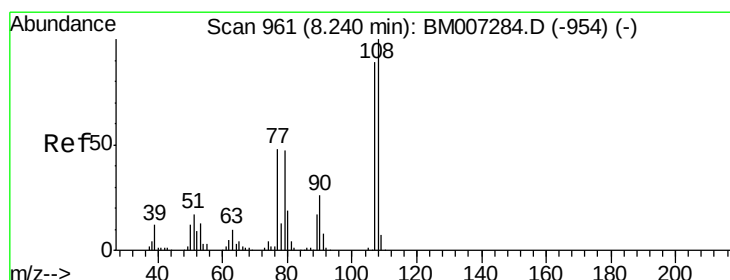
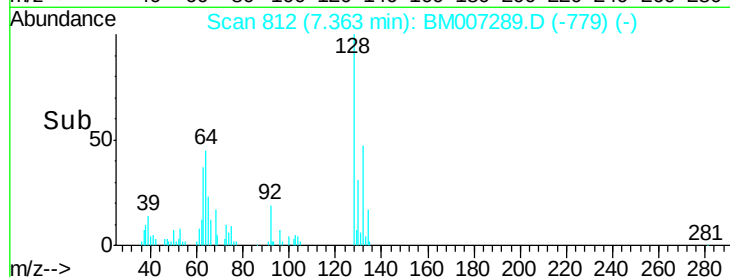
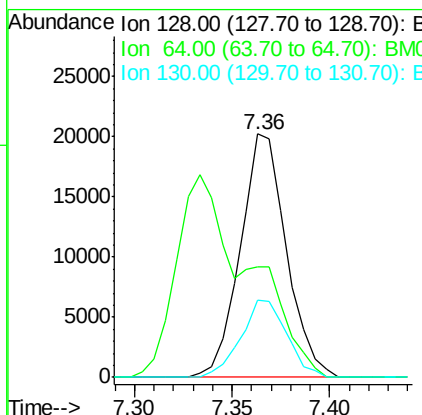
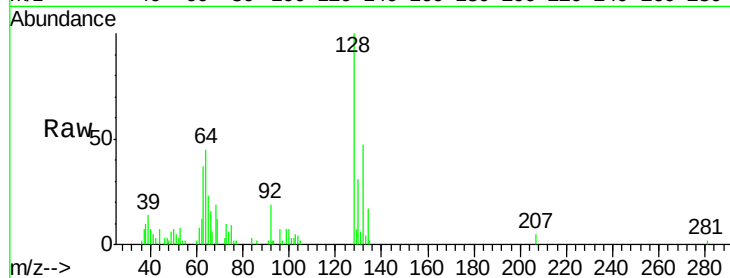
#10
2-Chlorophenol
Concen: 1.86 ng/ul
RT: 7.36 min Scan# 812
Delta R.T. -0.01 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

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MDL-04-S-ML

Tgt Ion	Ratio	Lower	Upper
128	100		
64	45.3	37.5	56.3
130	31.5	25.0	37.4

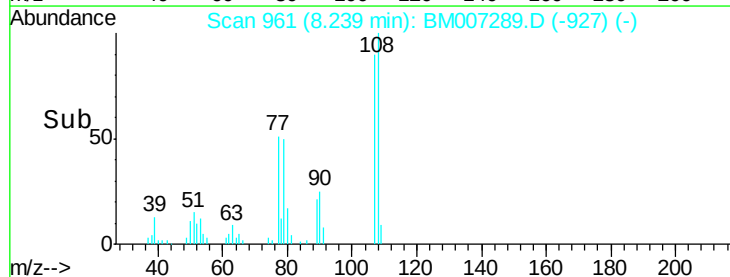
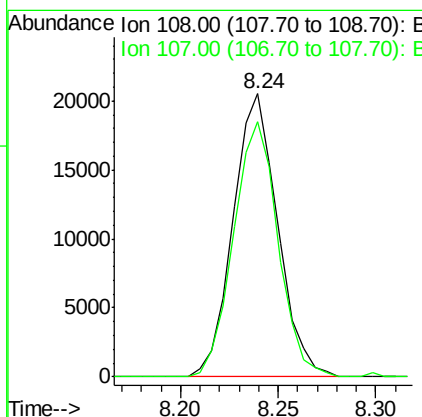
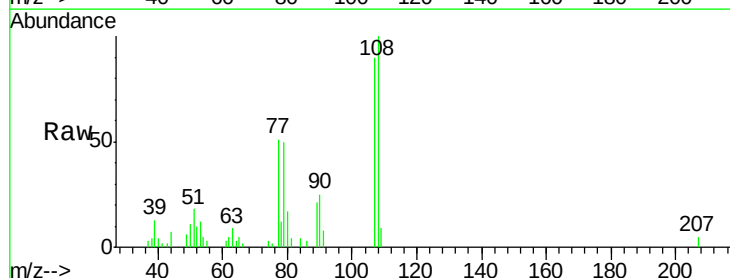
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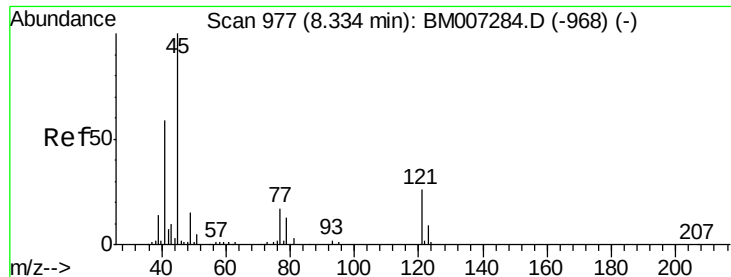
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#11
2-Methylphenol
Concen: 1.70 ng/ul
RT: 8.24 min Scan# 961
Delta R.T. 0.00 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Lower	Upper
108	100		
107	90.2	71.8	107.6





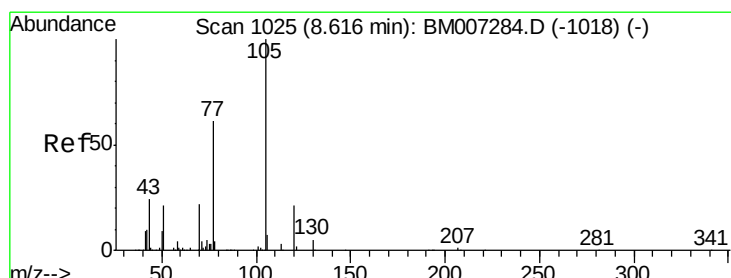
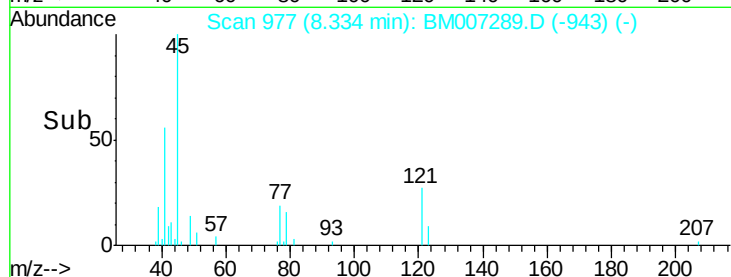
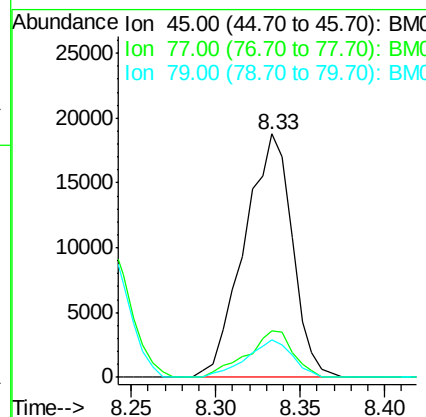
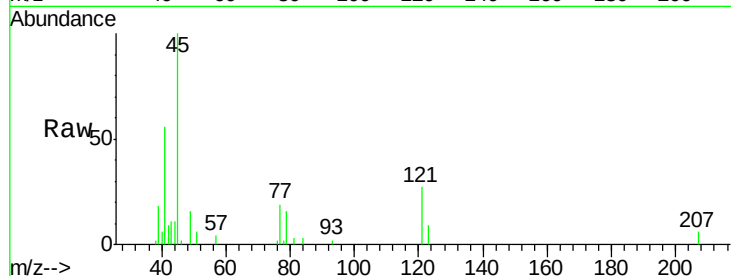
#12
 2,2'-oxybis(1-chloropropane)
 Concen: 1.94 ng/ul
 RT: 8.33 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Instrument :
 BNA_M
 ClientSampled :
 MDL-04-S-ML

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.2	14.1	21.1
79	15.6	10.4	15.6#

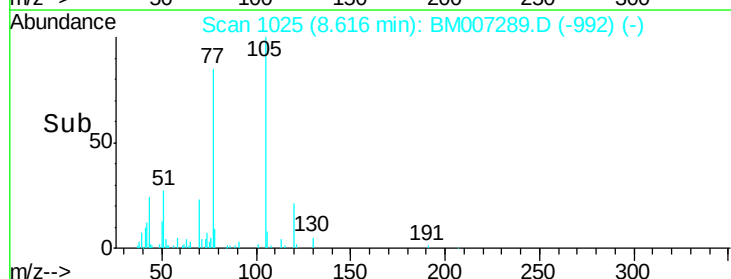
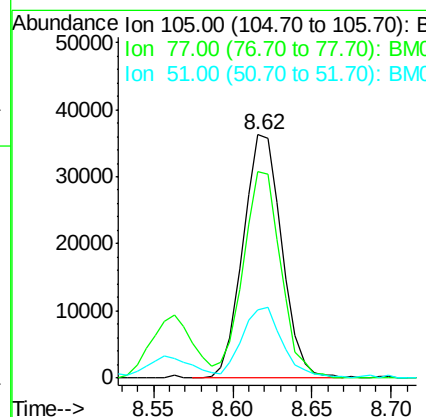
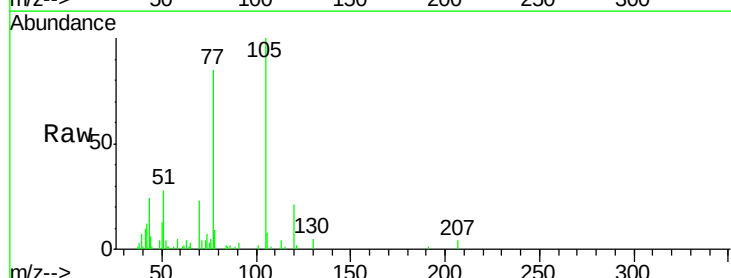
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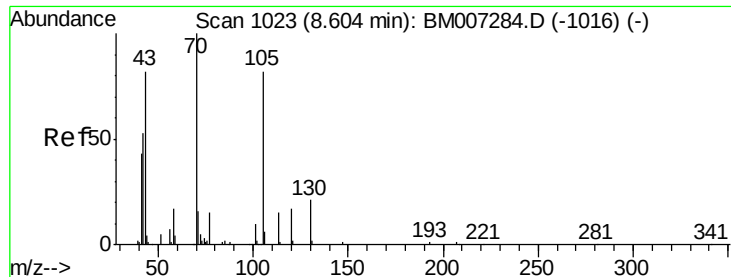
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#14
 Acetophenone
 Concen: 1.96 ng/ul
 RT: 8.62 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Lower	Upper
105	100		
77	84.8	65.9	98.9
51	28.1	22.2	33.2





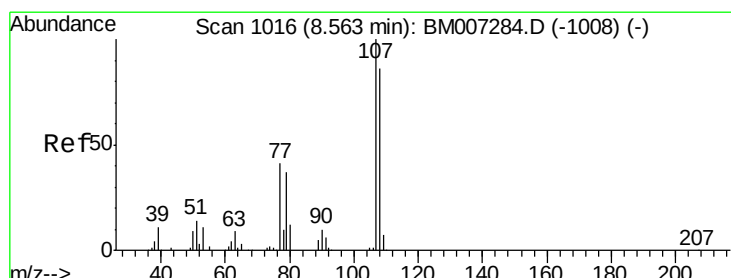
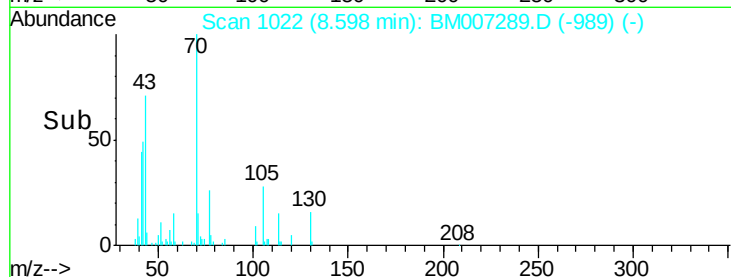
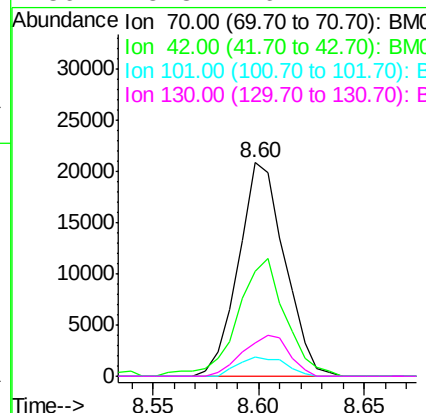
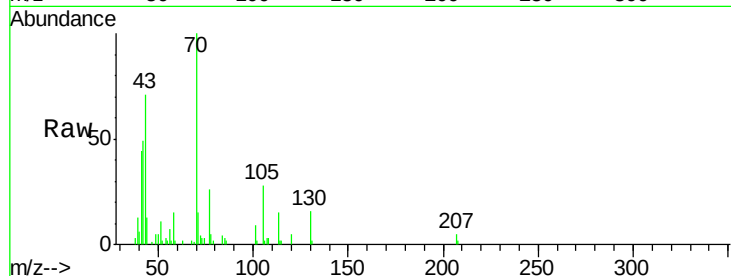
#15
N-Nitroso-di-n-propylamine
Concen: 1.90 ng/ul
RT: 8.60 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.4	43.4	65.2
101	8.9	7.8	11.6
130	15.8	16.2	24.4

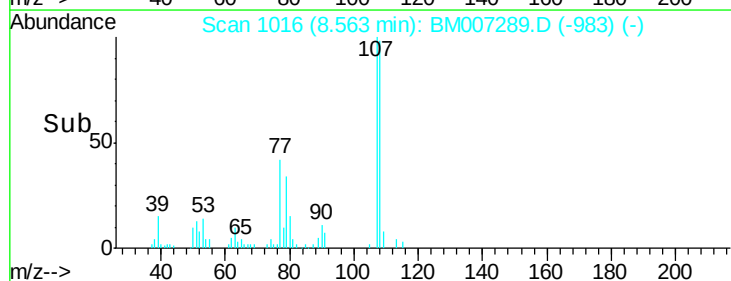
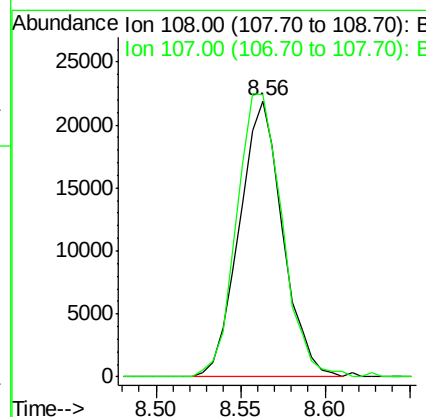
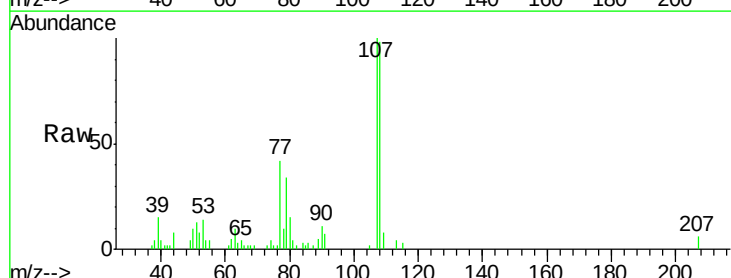
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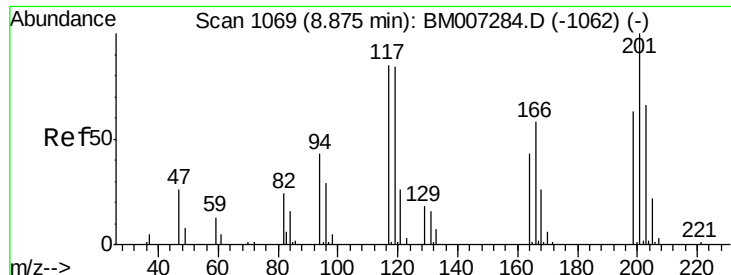
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#16
4-Methylphenol
Concen: 1.83 ng/ul
RT: 8.56 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Lower	Upper
108	100		
107	102.3	87.8	131.8





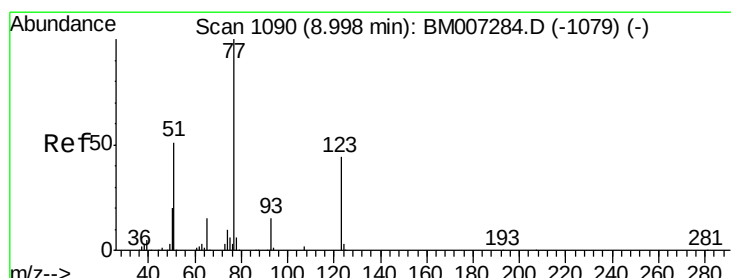
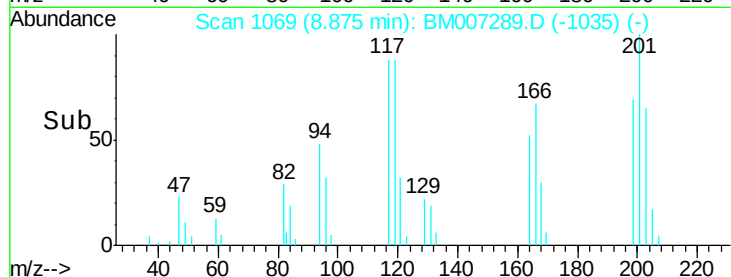
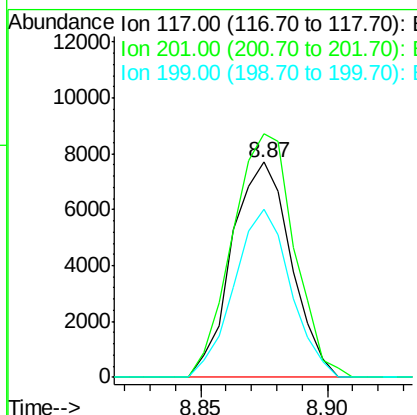
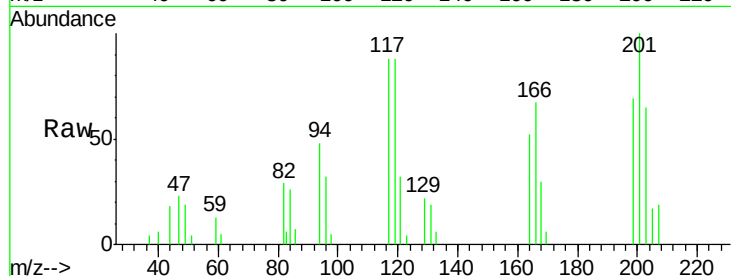
#17
 Hexachloroethane
 Concen: 1.81 ng/ul
 RT: 8.87 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Tgt Ion:	117	Resp:	12552
Ion Ratio	Lower	Upper	
117	100		
201	113.0	90.3	135.5
199	78.0	58.5	87.7

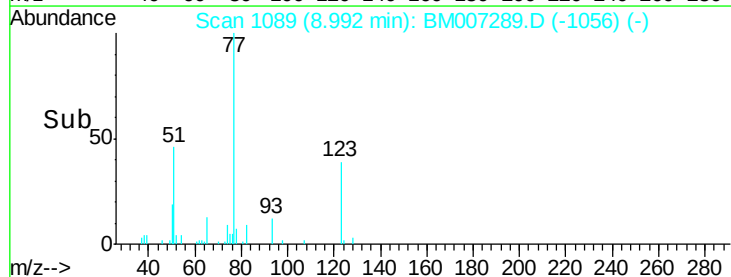
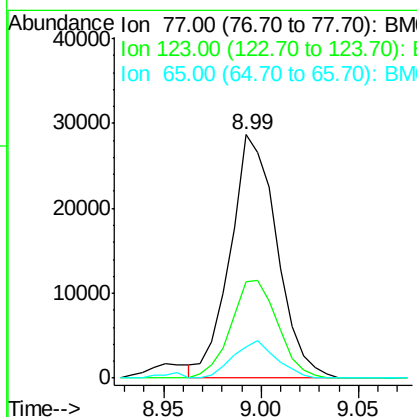
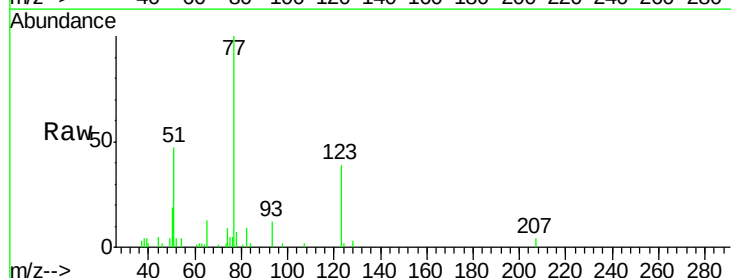
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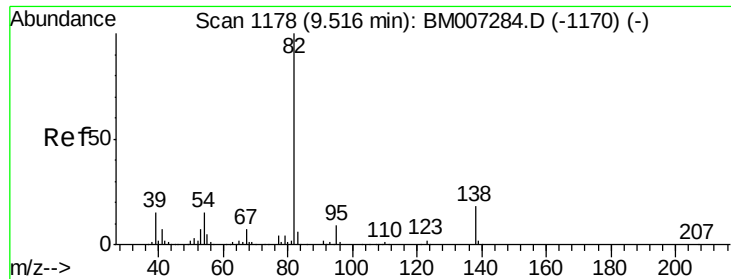
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#20
 Nitrobenzene
 Concen: 2.00 ng/ul
 RT: 8.99 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Tgt Ion:	77	Resp:	47556
Ion Ratio	Lower	Upper	
77	100		
123	39.4	34.2	51.4
65	12.8	11.0	16.6





#21

Isophorone

Concen: 1.83 ng/ul

RT: 9.52 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Instrument :

BNA_M

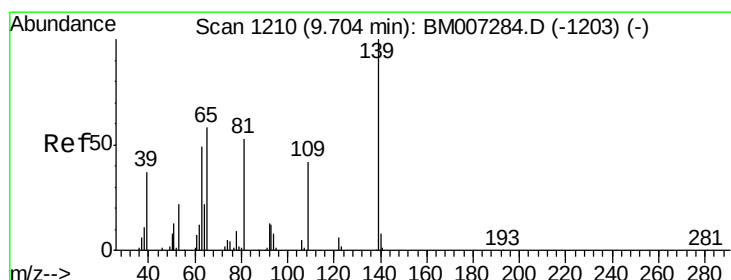
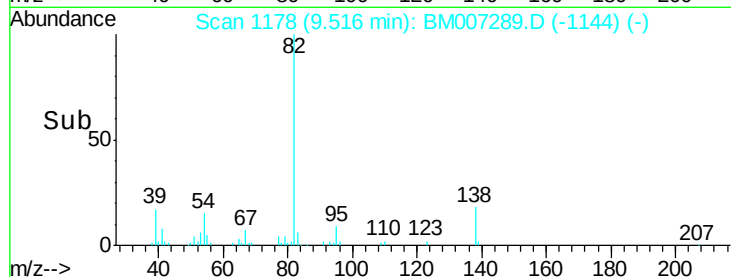
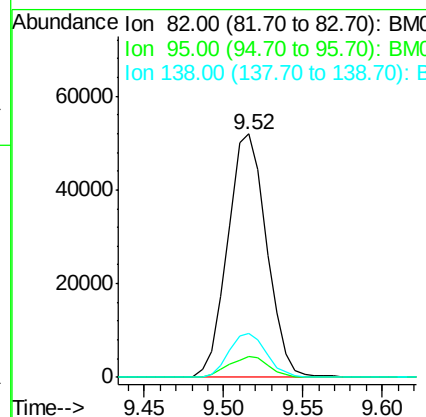
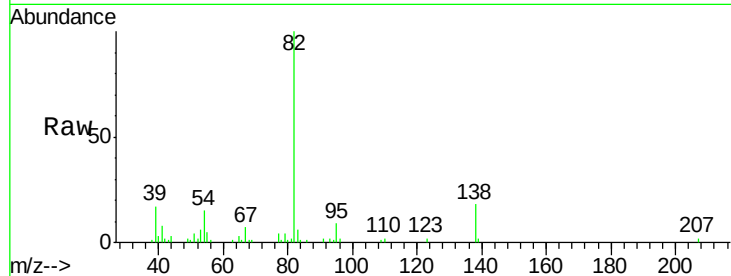
ClientSampleId :

MDL-04-S-ML

Tgt Ion:	82	Resp:	88666
Ion Ratio	Lower	Upper	
82	100		
95	8.8	6.9	10.3
138	18.3	13.8	20.8

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#23

2-Nitrophenol

Concen: 1.93 ng/ul

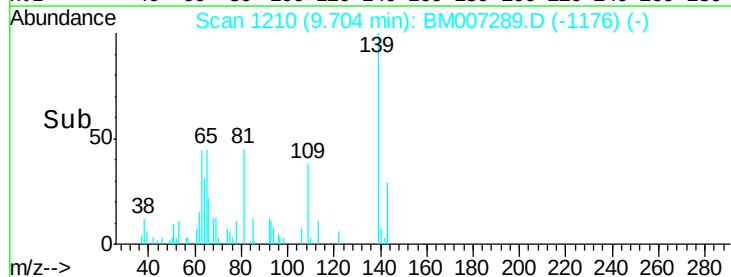
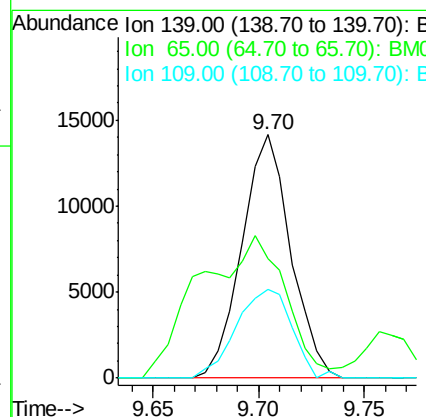
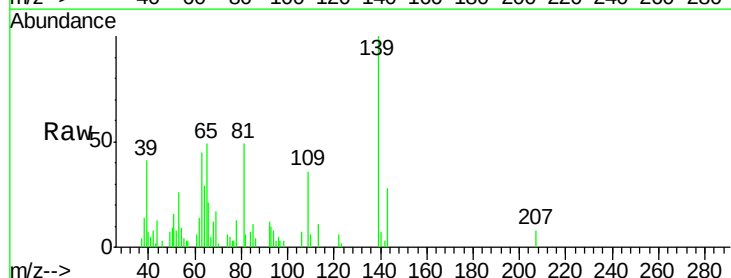
RT: 9.70 min Scan# 1210

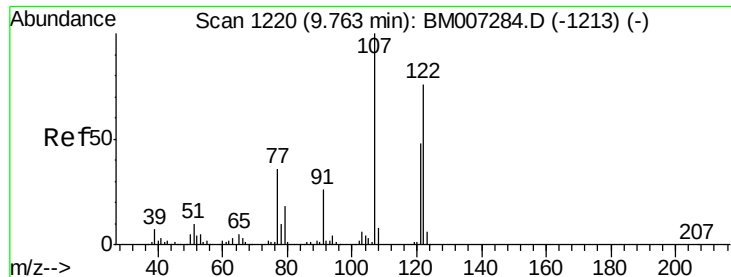
Delta R.T. 0.00 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Tgt Ion:	139	Resp:	22698
Ion Ratio	Lower	Upper	
139	100		
65	49.1	44.2	66.4
109	36.5	28.2	42.4





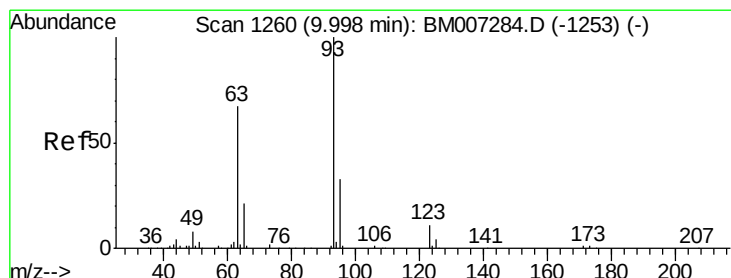
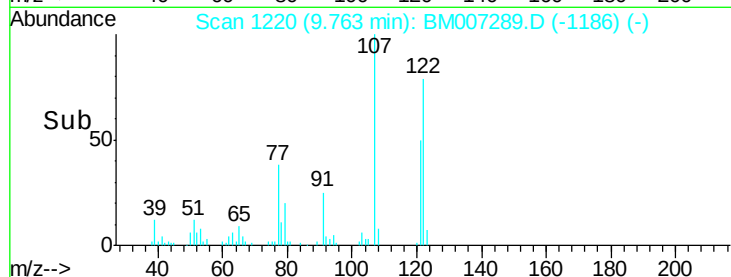
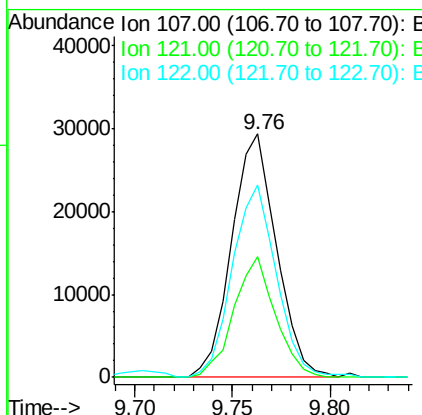
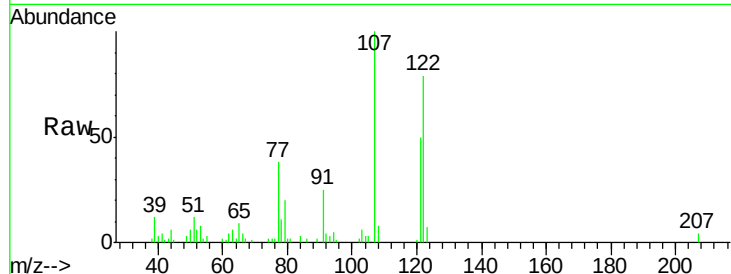
#24
 2,4-Dimethylphenol
 Concen: 1.80 ng/ul
 RT: 9.76 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	46708		
121	49.5	37.1	55.7	
122	79.2	62.8	94.2	

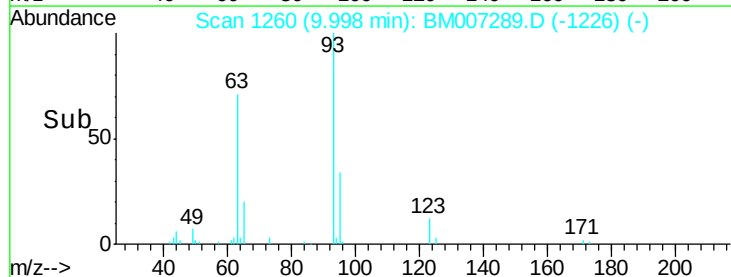
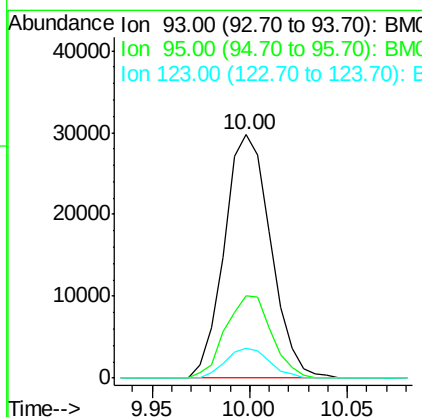
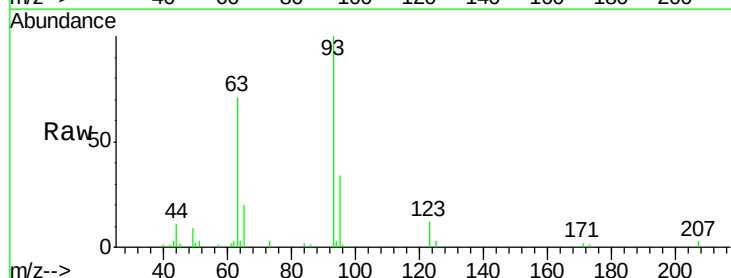
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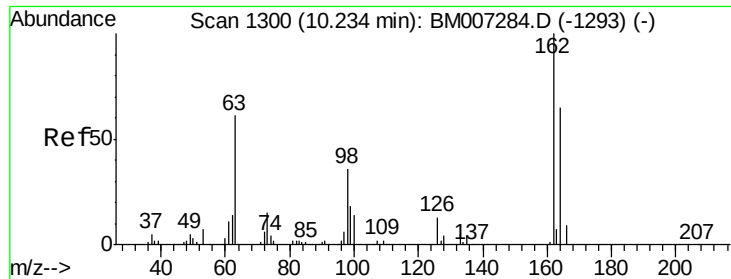
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 1.79 ng/ul
 RT: 10.00 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	48891		
95	33.8	25.4	38.0	
123	12.2	8.3	12.5	





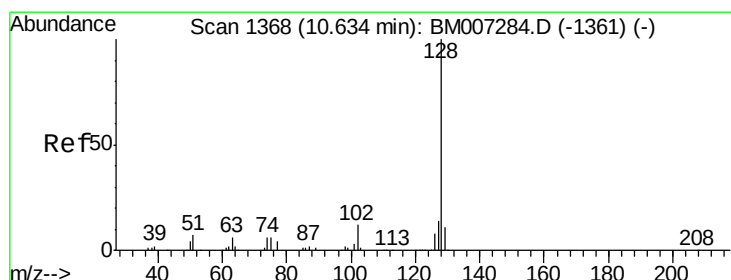
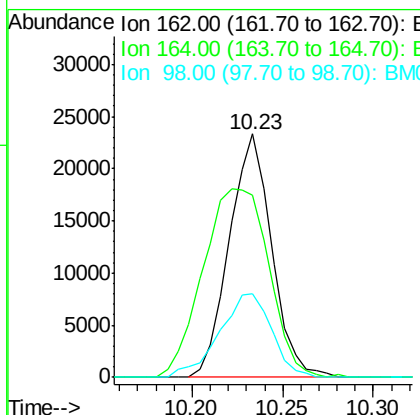
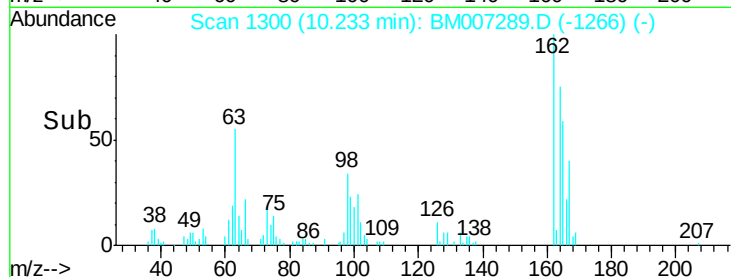
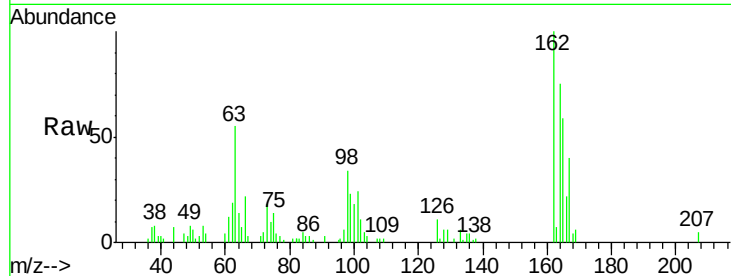
#27
 2,4-Dichlorophenol
 Concen: 1.77 ng/ul
 RT: 10.23 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	37871		
164	74.8	51.6	77.4	
98	34.4	28.4	42.6	

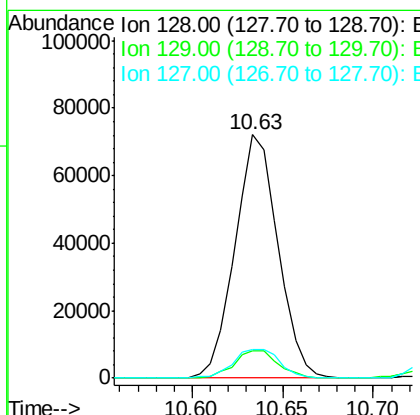
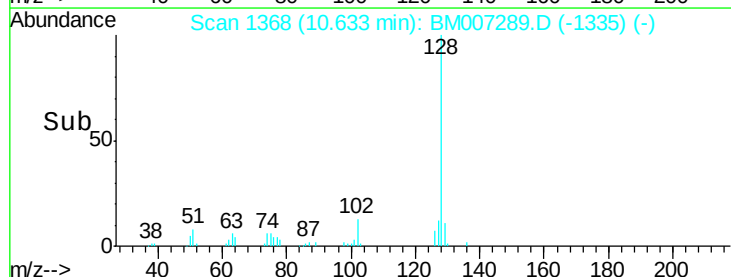
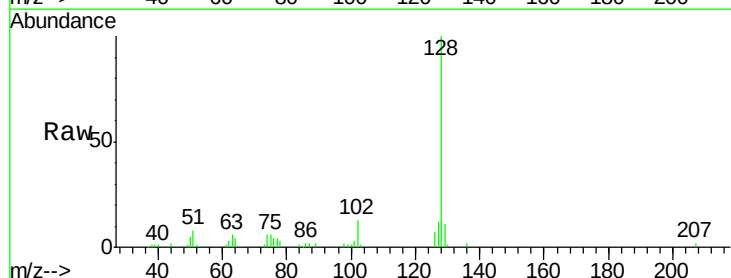
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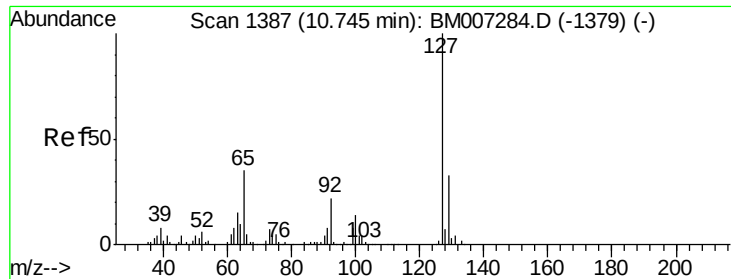
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#28
 Naphthalene
 Concen: 1.90 ng/ul
 RT: 10.63 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	119083		
129	11.4	8.6	12.8	
127	11.7	10.6	15.8	





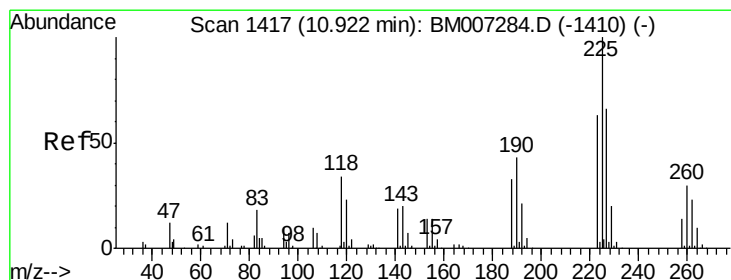
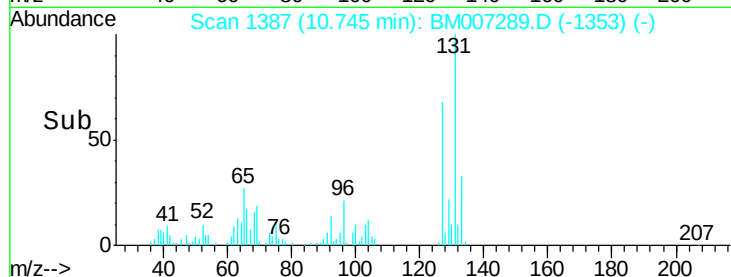
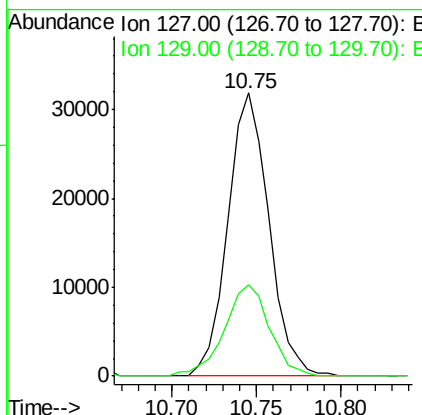
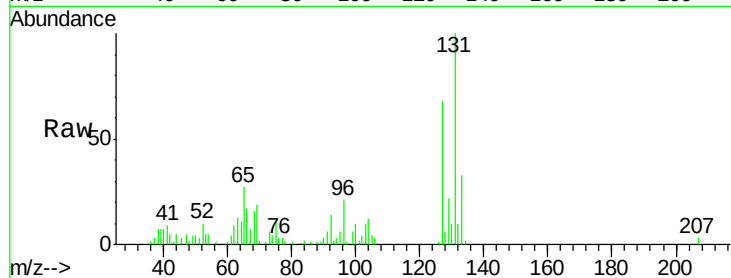
#30
4-Chloroaniline
Concen: 1.94 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	24.6	37.0

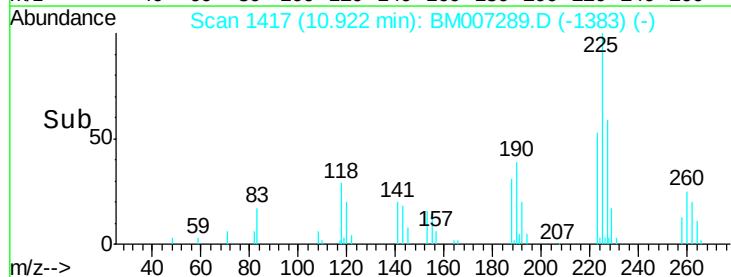
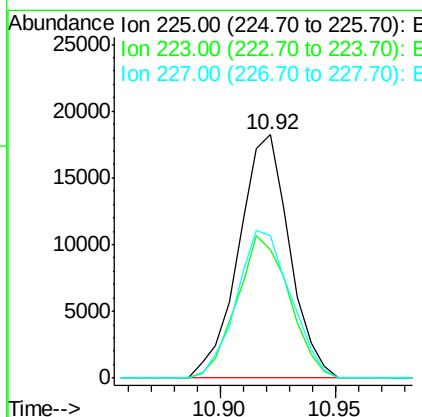
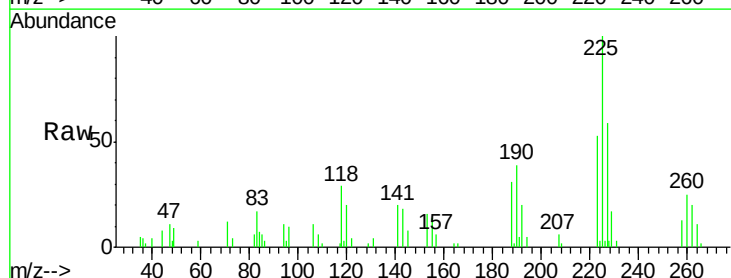
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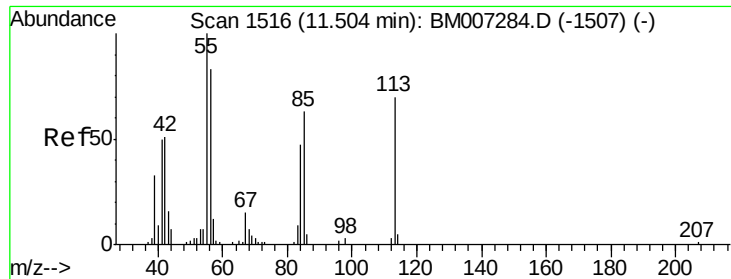
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#31
Hexachlorobutadiene
Concen: 1.93 ng/ul
RT: 10.92 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	52.7	51.2	76.8
227	58.8	52.5	78.7





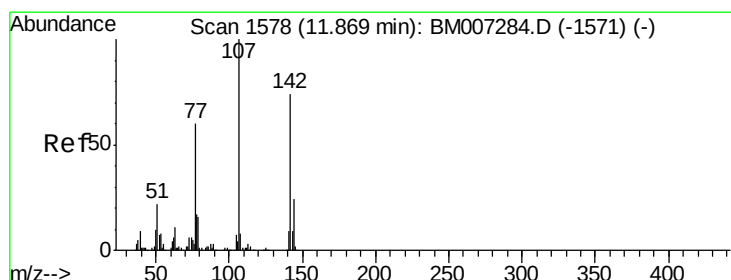
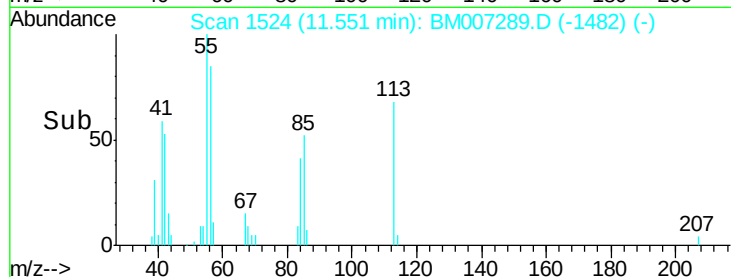
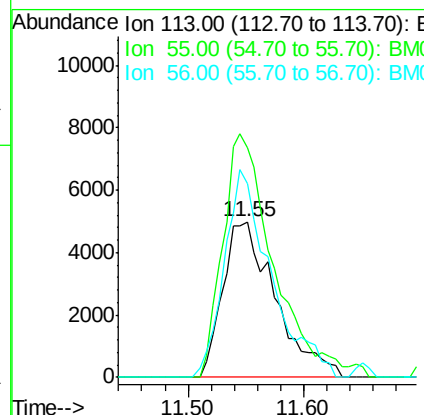
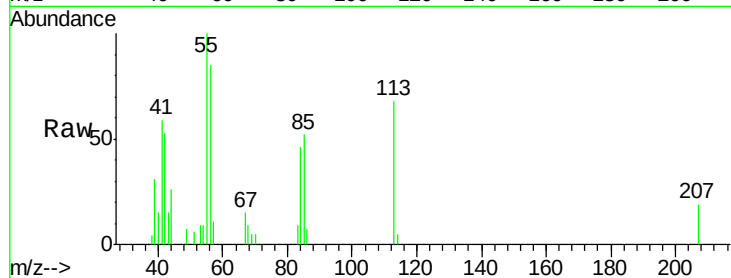
#32
 Caprolactam
 Concen: 1.82 ng/ul m
 RT: 11.55 min Scan# 1524
 Delta R.T. 0.05 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Instrument :
 BNA_M
 ClientSampled :
 MDL-04-S-ML

Tgt Ion:113 Resp: 15715
 Ion Ratio Lower Upper
 113 100
 55 147.1 121.9 182.9
 56 124.4 97.4 146.0

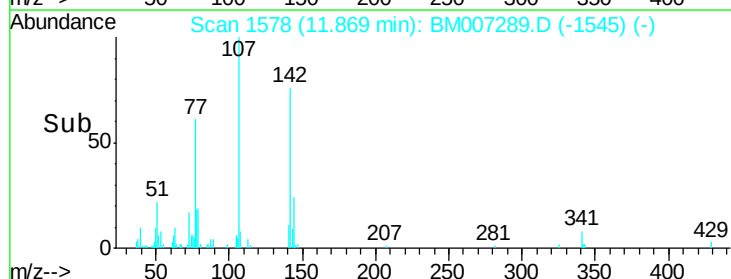
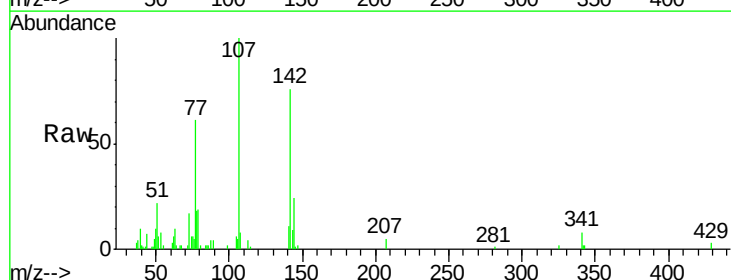
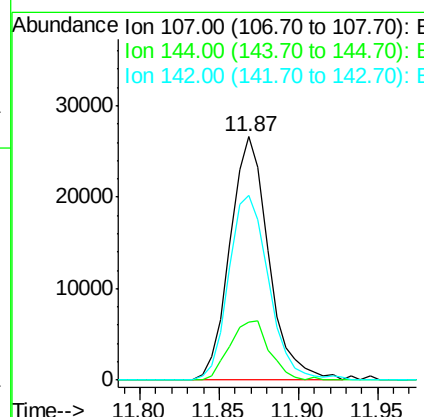
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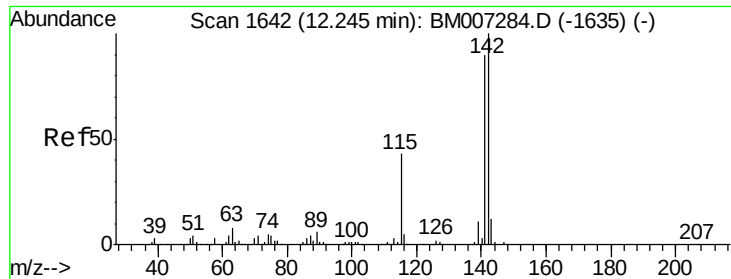
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#33
 4-Chloro-3-methylphenol
 Concen: 1.70 ng/ul
 RT: 11.87 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Tgt Ion:107 Resp: 45116
 Ion Ratio Lower Upper
 107 100
 144 23.7 21.1 31.7
 142 76.1 64.1 96.1





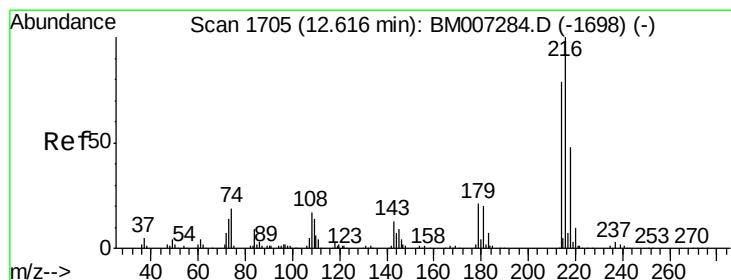
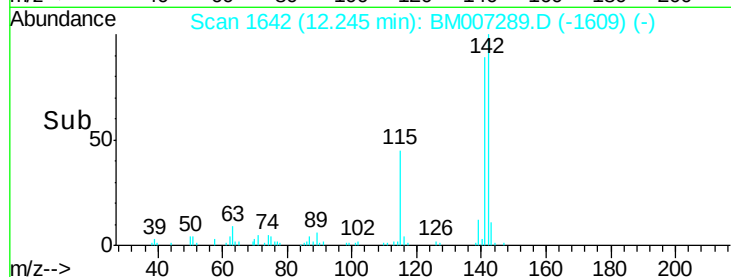
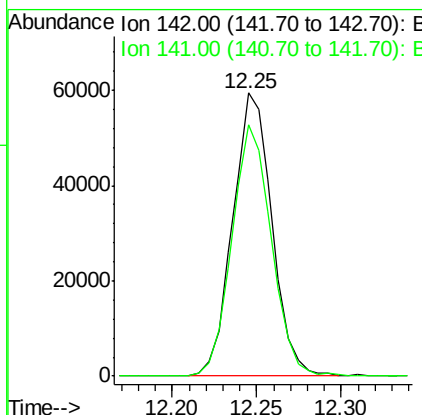
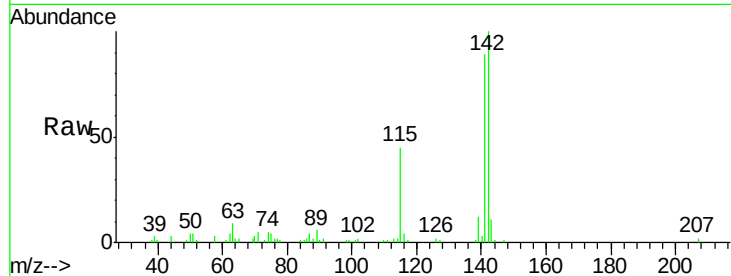
#34
 2-Methylnaphthalene
 Concen: 1.87 ng/ul
 RT: 12.25 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Tgt Ion:142 Resp: 95972
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.3 106.9

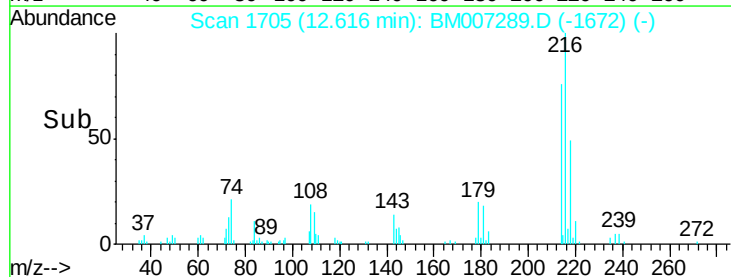
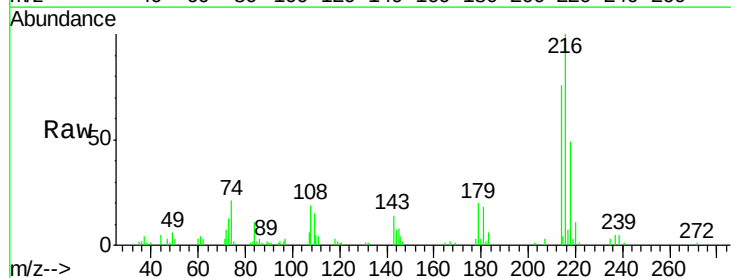
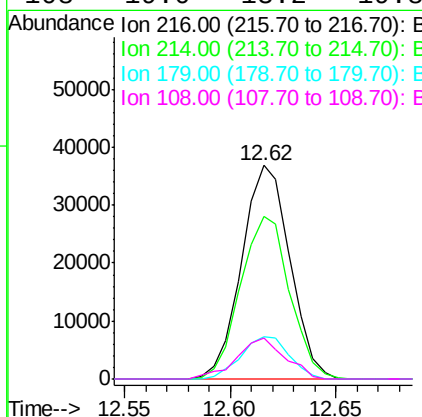
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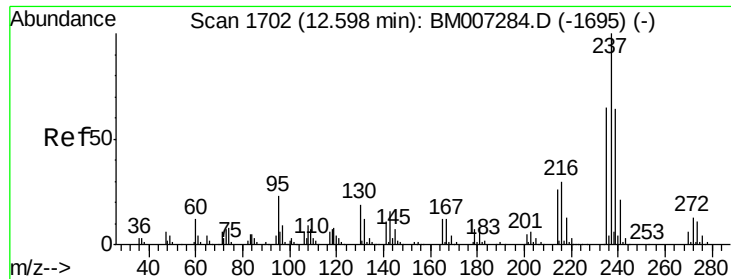
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.93 ng/ul
 RT: 12.62 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Tgt Ion:216 Resp: 58570
 Ion Ratio Lower Upper
 216 100
 214 76.2 64.8 97.2
 179 20.1 16.7 25.1
 108 19.0 13.2 19.8





#37

Hexachlorocyclopentadiene

Concen: 1.35 ng/ul

RT: 12.60 min Scan# 1702

Delta R.T. 0.00 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Instrument :

BNA_M

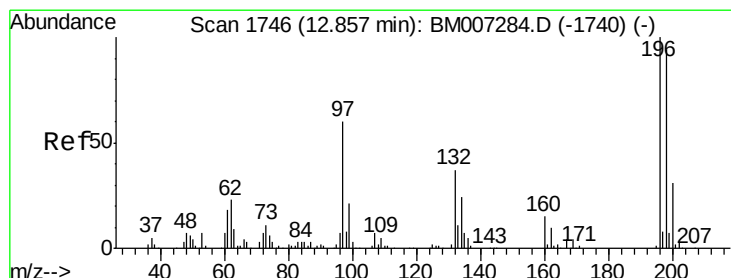
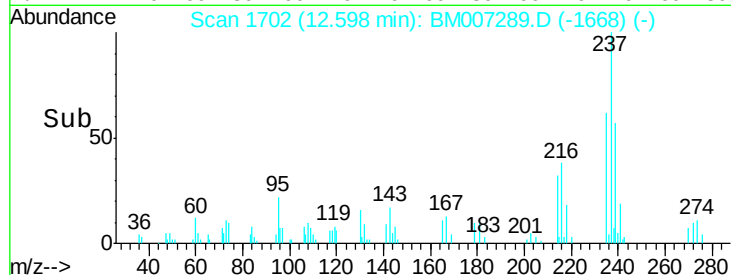
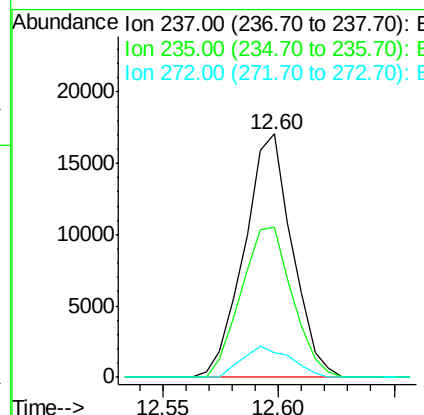
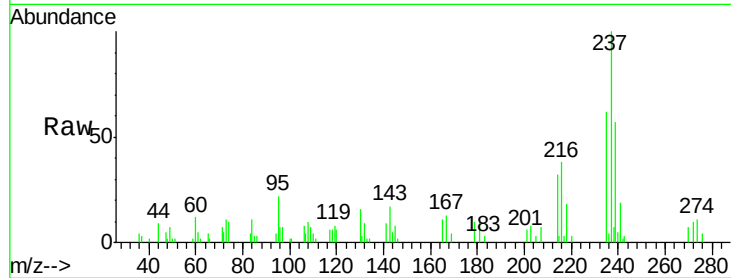
ClientSampleId :

MDL-04-S-ML

Tgt Ion:	237	Resp:	24676
Ion Ratio		Lower	Upper
237	100		
235	61.8	49.6	74.4
272	10.2	10.4	15.6

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#38

2,4,6-Trichlorophenol

Concen: 1.71 ng/ul

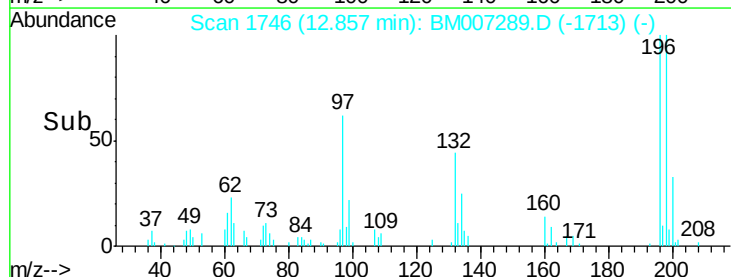
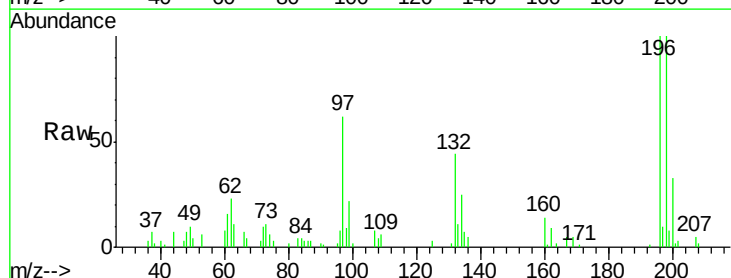
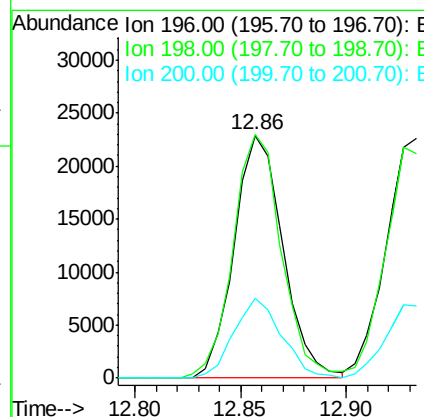
RT: 12.86 min Scan# 1746

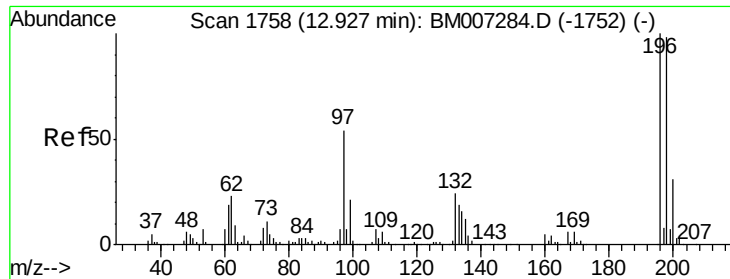
Delta R.T. -0.01 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Tgt Ion:	196	Resp:	36667
Ion Ratio		Lower	Upper
196	100		
198	100.4	76.9	115.3
200	33.1	25.1	37.7





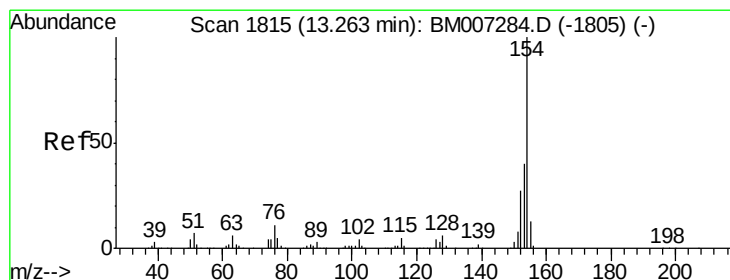
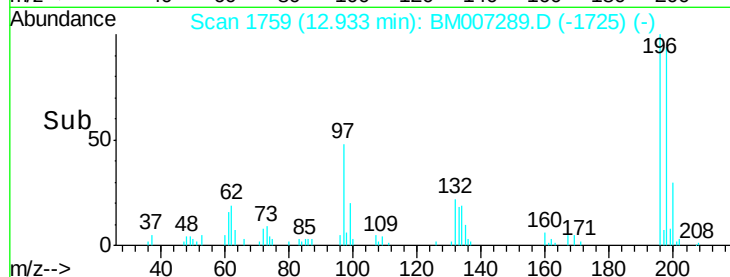
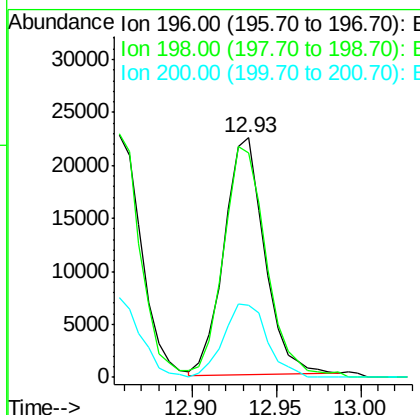
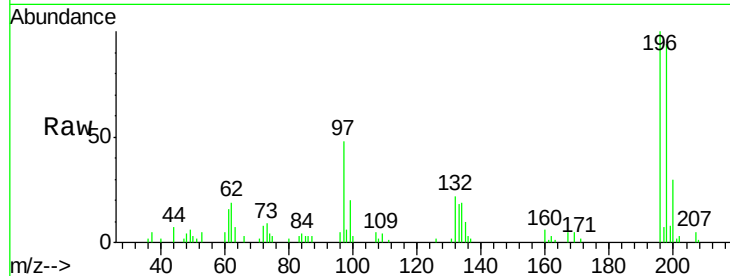
#39
 2,4,5-Trichlorophenol
 Concen: 1.67 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	37457		
198	93.7	76.8	115.2	
200	30.3	27.0	40.4	

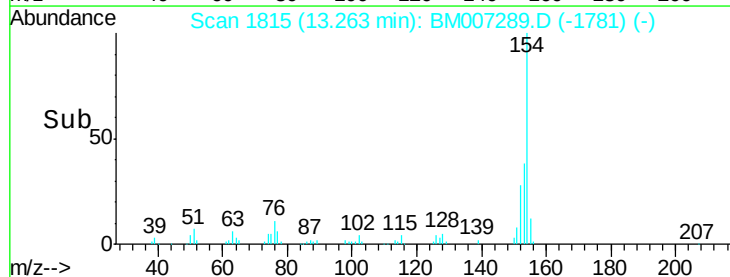
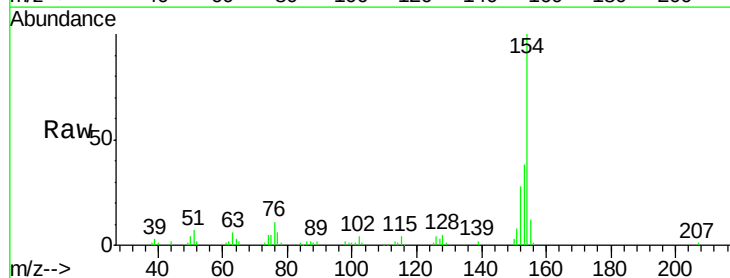
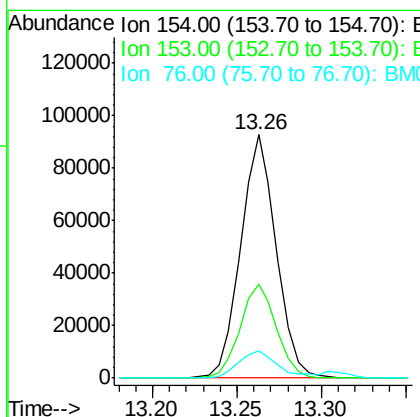
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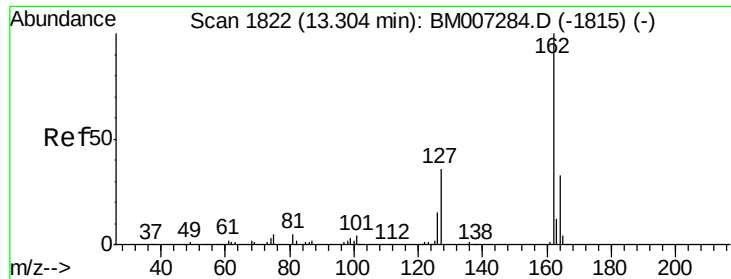
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#40
 1,1'-Biphenyl
 Concen: 1.91 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	134902		
153	38.4	31.3	46.9	
76	11.1	10.0	15.0	





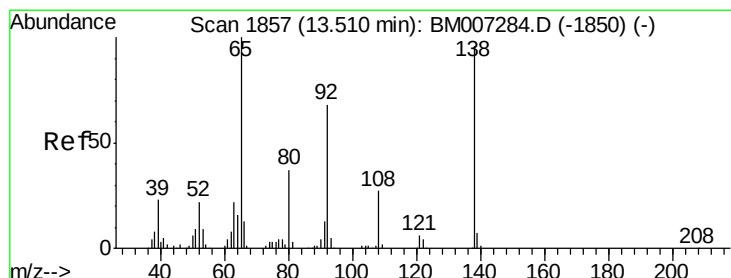
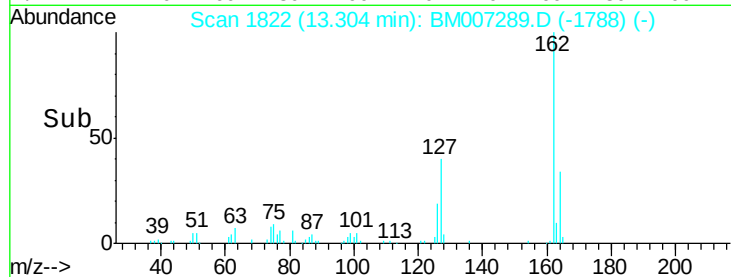
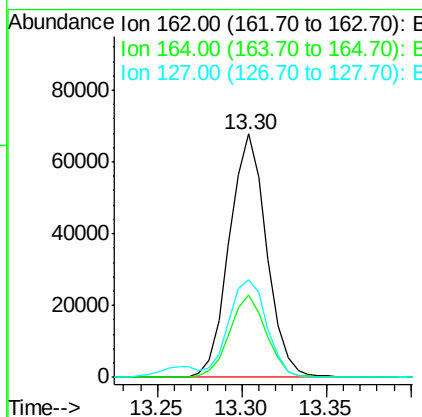
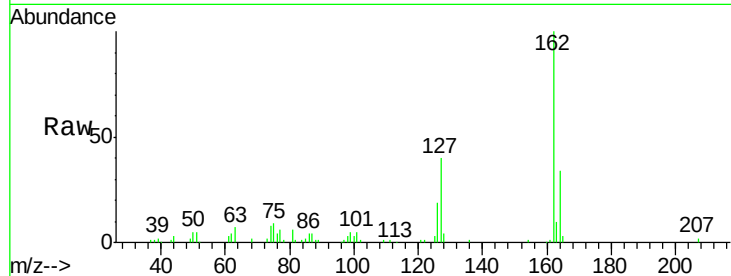
#41
 2-Chloronaphthalene
 Concen: 1.87 ng/ul
 RT: 13.30 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	103860		
164	33.6	26.9	40.3	
127	39.9	31.2	46.8	

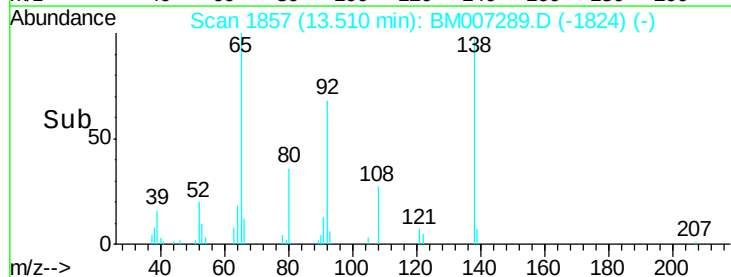
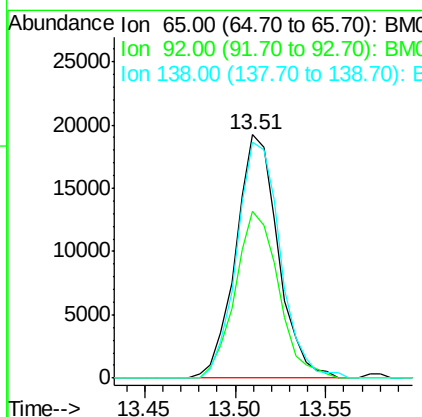
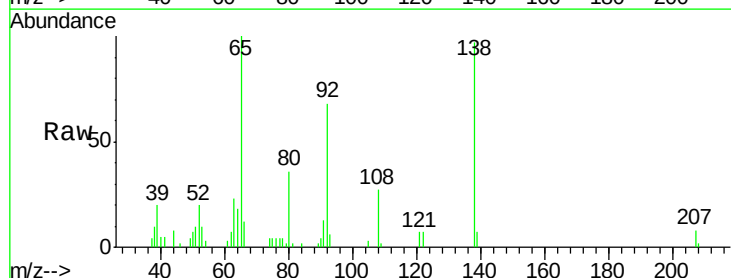
Manual Integrations
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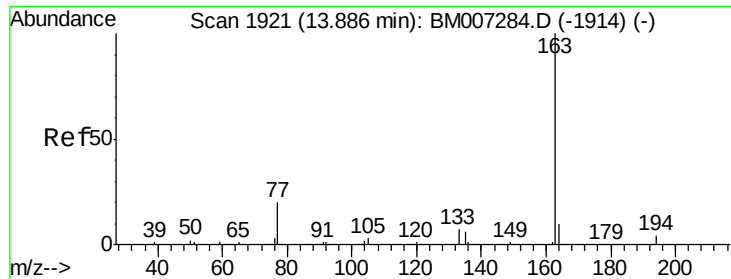
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#42
 2-Nitroaniline
 Concen: 1.73 ng/ul
 RT: 13.51 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	31293		
92	68.3	55.6	83.4	
138	97.0	81.3	121.9	





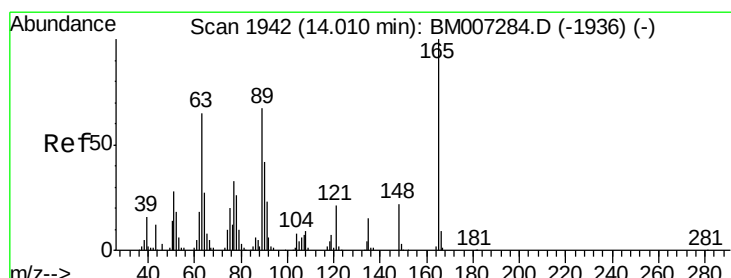
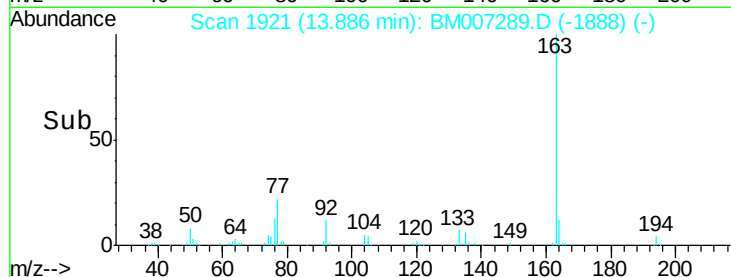
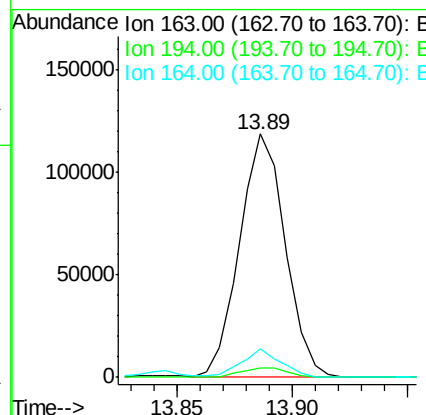
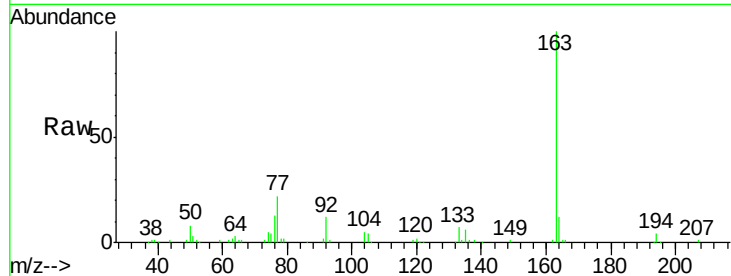
#44
Dimethylphthalate
Concen: 2.09 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	164014		
194	3.7		3.4	5.2
164	11.5		7.8	11.8

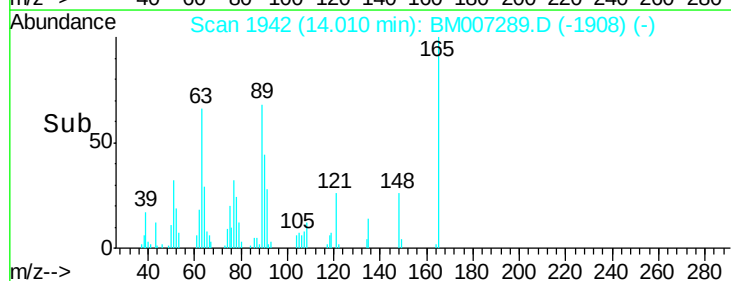
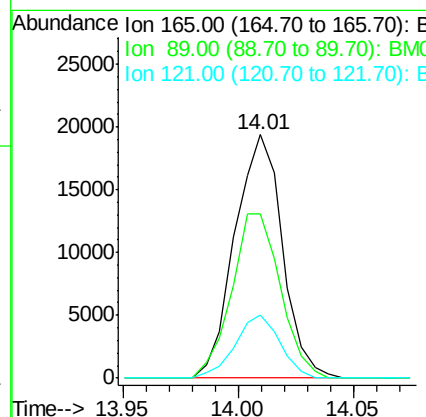
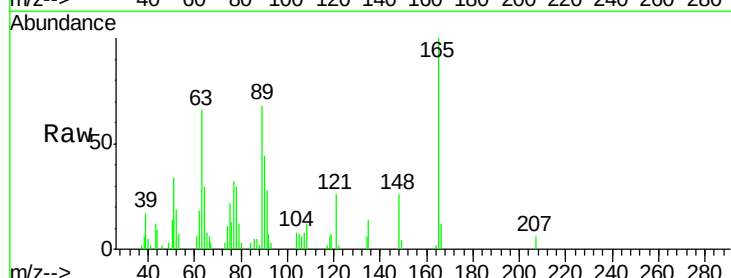
Manual Integrations
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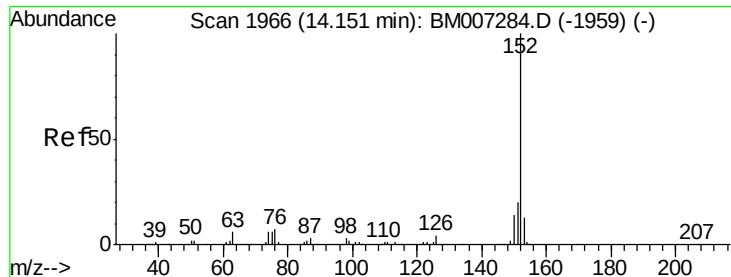
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#45
2,6-Dinitrotoluene
Concen: 1.73 ng/ul
RT: 14.01 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	27744		
89	67.6		46.6	69.8
121	25.9		16.0	24.0#





#47

Acenaphthylene

Concen: 1.97 ng/ul

RT: 14.15 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Instrument :

BNA_M

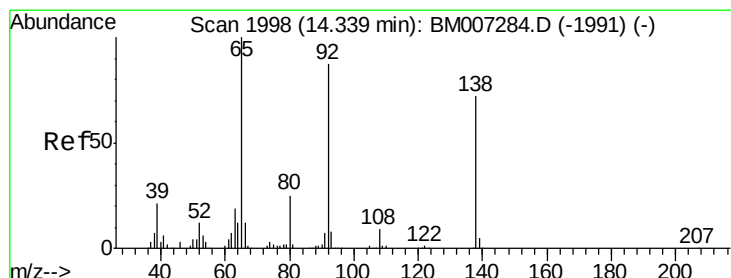
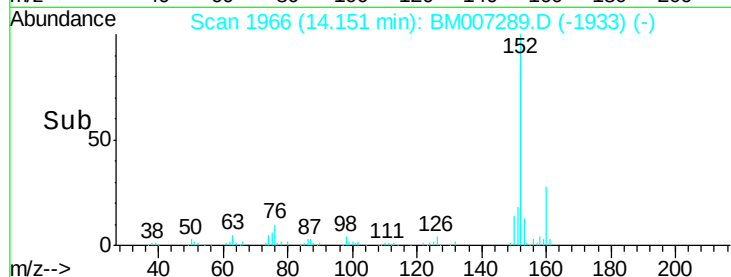
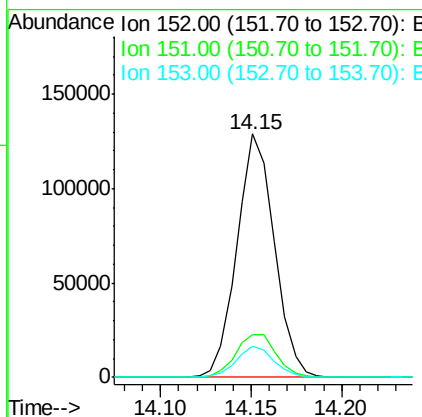
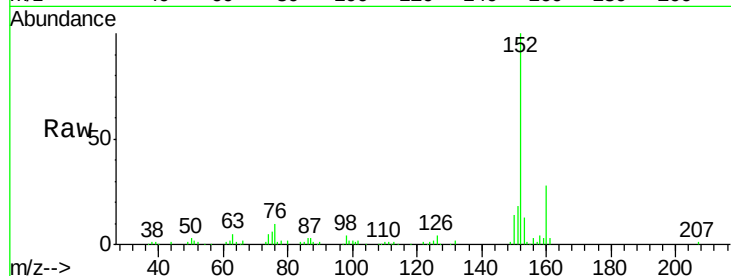
ClientSampleId :

MDL-04-S-ML

Tgt Ion:	152	Resp:	185106
Ion Ratio		Lower	Upper
152	100		
151	17.8	16.0	24.0
153	12.9	11.0	16.6

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#48

3-Nitroaniline

Concen: 1.82 ng/ul

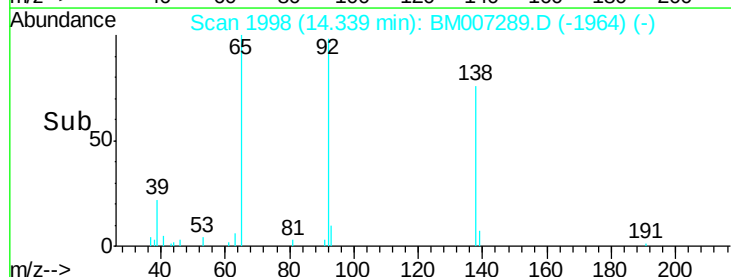
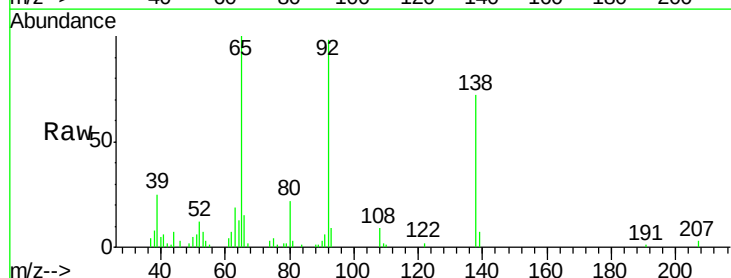
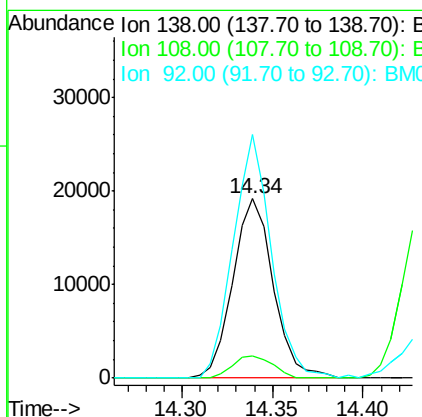
RT: 14.34 min Scan# 1998

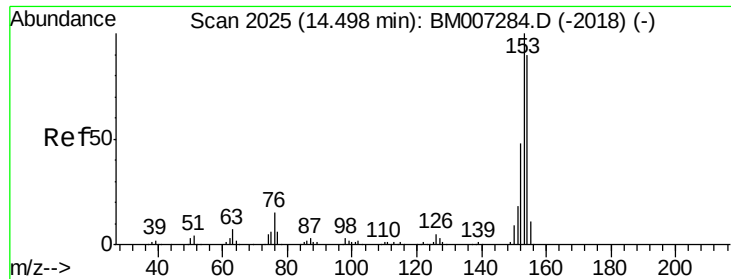
Delta R.T. 0.00 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Tgt Ion:	138	Resp:	29762
Ion Ratio		Lower	Upper
138	100		
108	12.5	9.4	14.0
92	135.7	96.6	145.0





#49

Acenaphthene

Concen: 1.98 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Instrument :

BNA_M

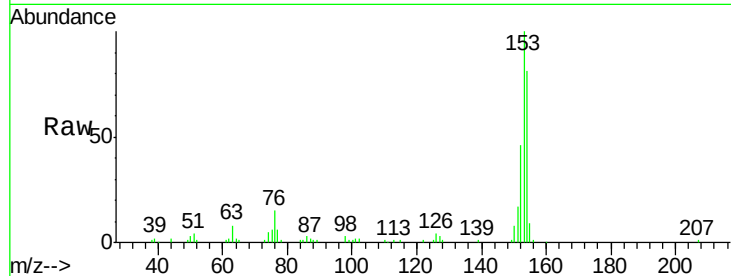
ClientSampled :

MDL-04-S-ML

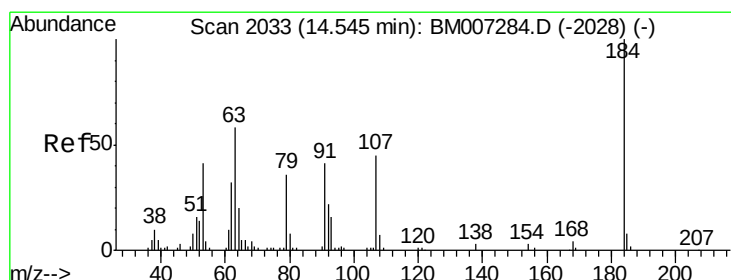
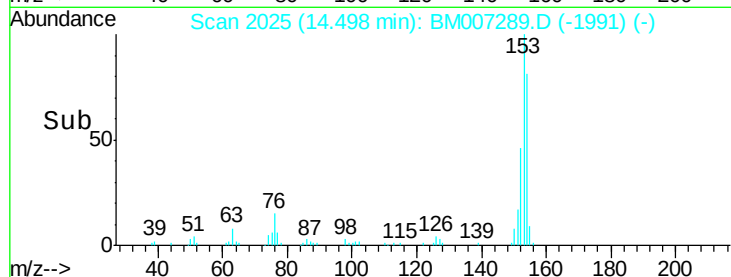
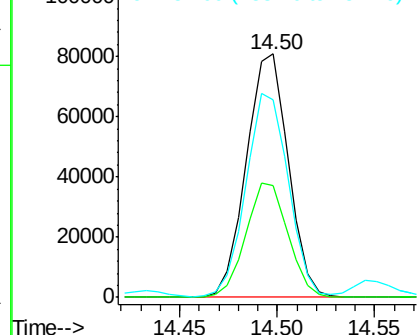
Tgt Ion:	153	Resp:	120587
Ion Ratio	Lower	Upper	
153	100		
152	45.8	37.8	56.6
154	81.4	71.4	107.0

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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: 1.28 ng/ul

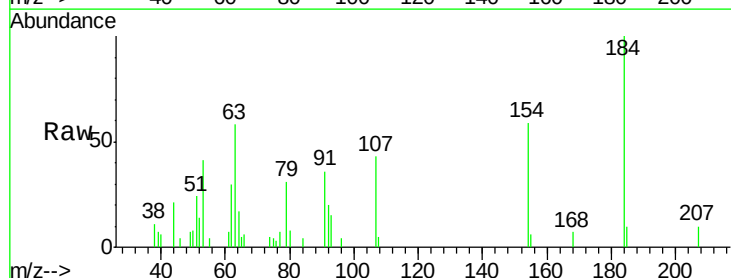
RT: 14.55 min Scan# 2034

Delta R.T. 0.01 min

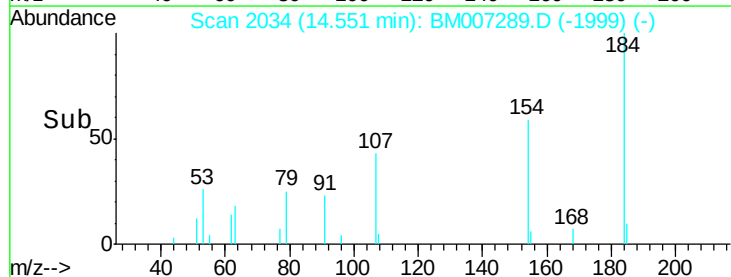
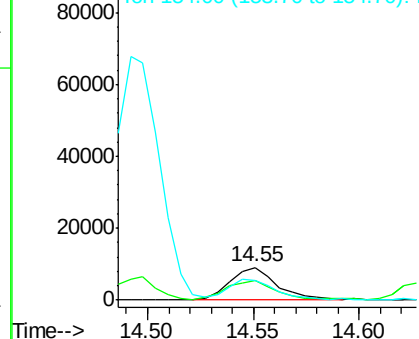
Lab File: BM007289.D

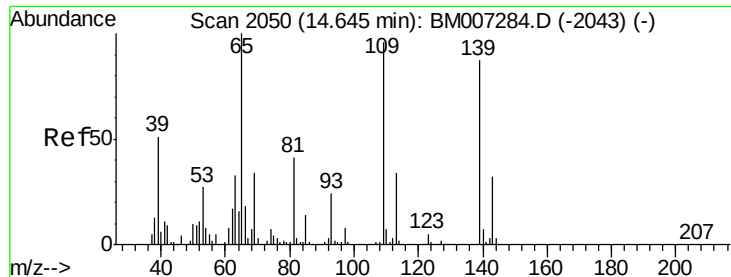
Acq: 24 Aug 2016 22:51

Tgt Ion:	184	Resp:	13864
Ion Ratio	Lower	Upper	
184	100		
63	58.2	43.4	65.0
154	58.7	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: 2.23 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Instrument :

BNA_M

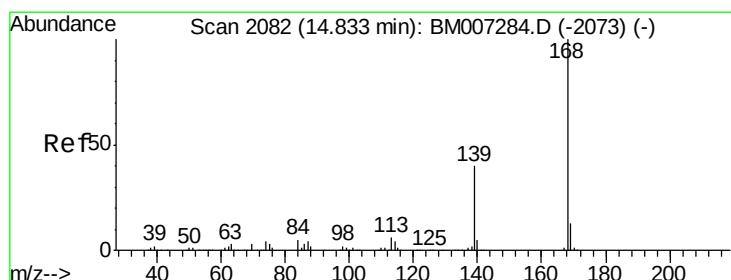
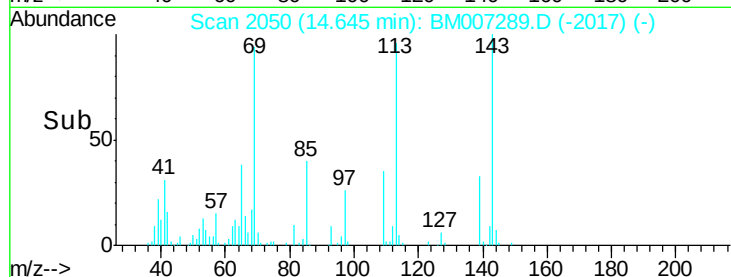
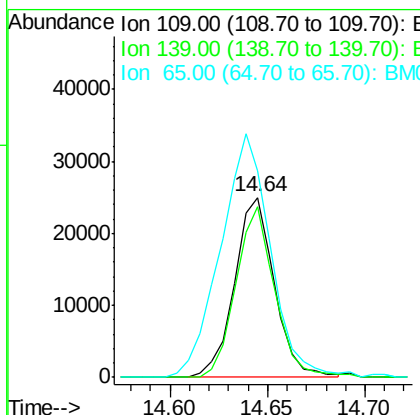
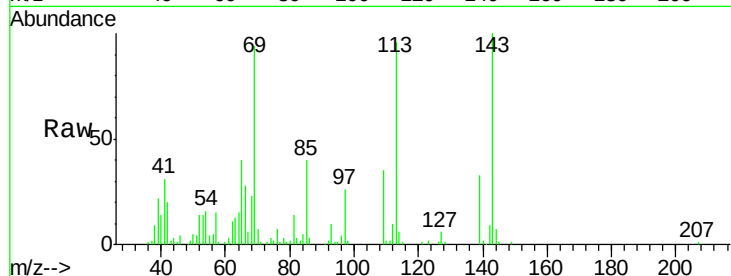
ClientSampleId :

MDL-04-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	35263		
139	94.5	88.7	133.1	
65	114.6	96.4	144.6	

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#53

Dibenzofuran

Concen: 2.01 ng/ul

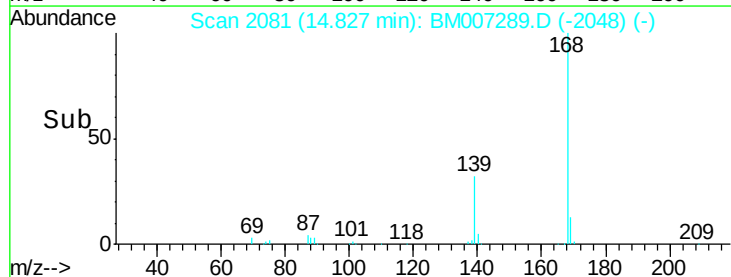
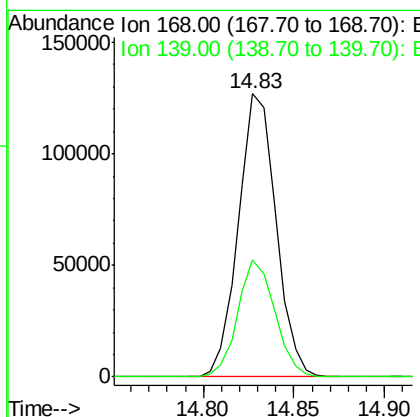
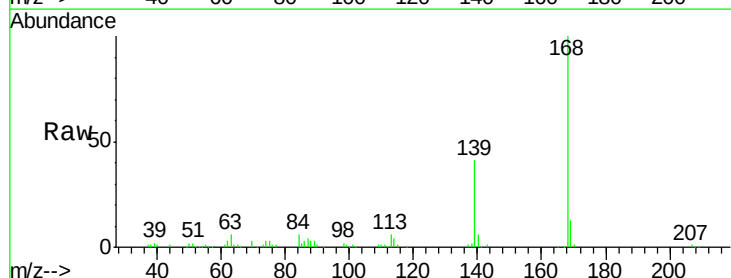
RT: 14.83 min Scan# 2081

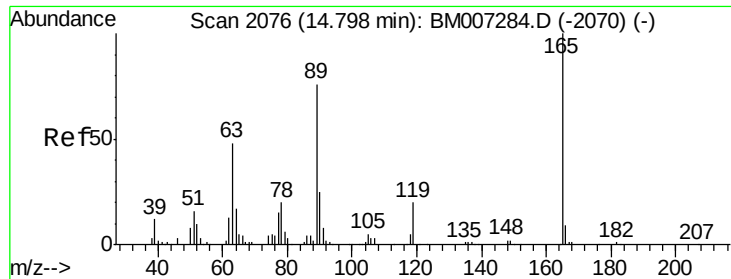
Delta R.T. -0.01 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	183381		
139	41.5	30.1	45.1	





#54

2,4-Dinitrotoluene

Concen: 2.01 ng/ul

RT: 14.80 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Instrument :

BNA_M

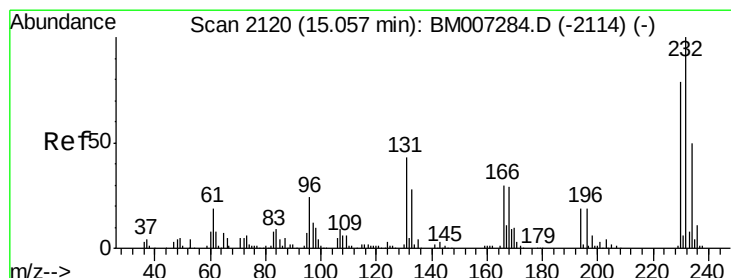
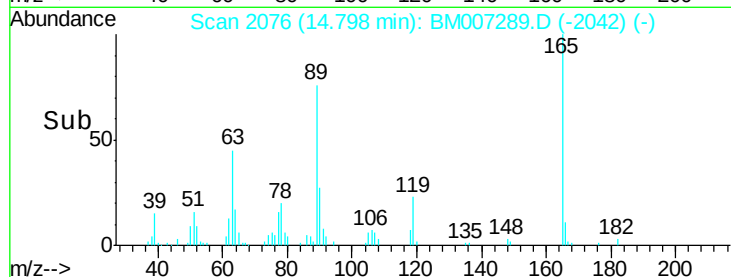
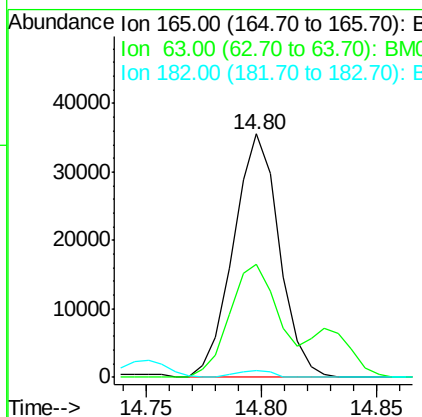
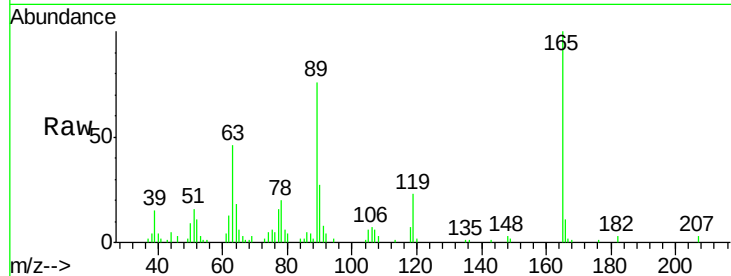
ClientSampleId :

MDL-04-S-ML

Tgt Ion:	165	Resp:	49357
Ion Ratio	Lower	Upper	
165	100		
63	46.4	36.2	54.2
182	2.9	2.2	3.4

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#55

2,3,4,6-Tetrachlorophenol

Concen: 1.87 ng/ul

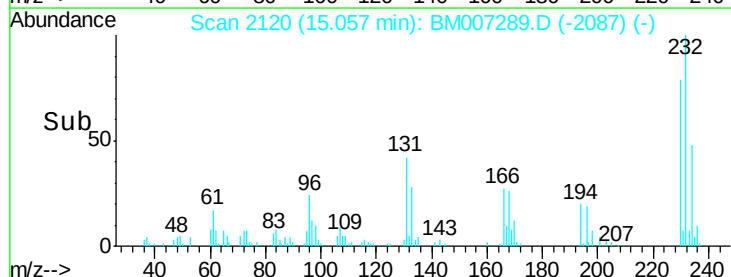
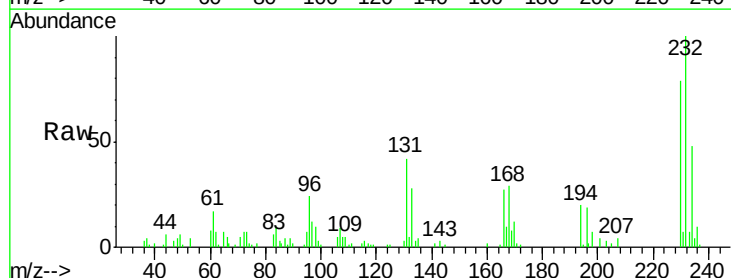
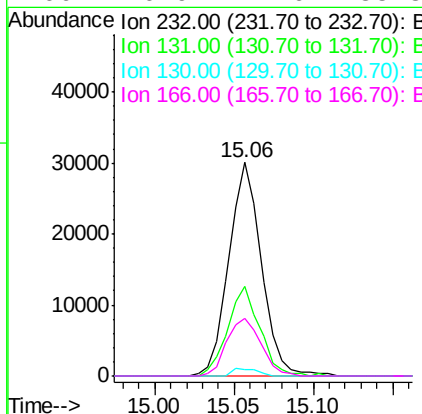
RT: 15.06 min Scan# 2120

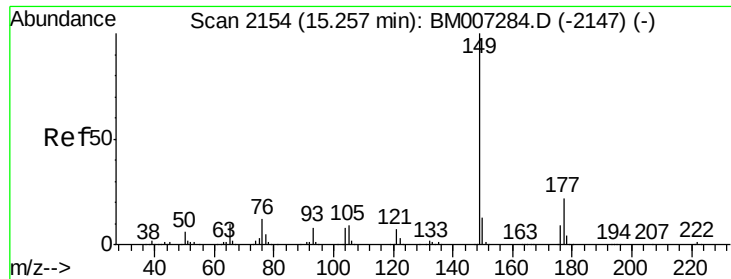
Delta R.T. -0.01 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Tgt Ion:	232	Resp:	43004
Ion Ratio	Lower	Upper	
232	100		
131	42.0	31.4	47.0
130	3.2	1.6	2.4
166	26.9	22.6	33.8





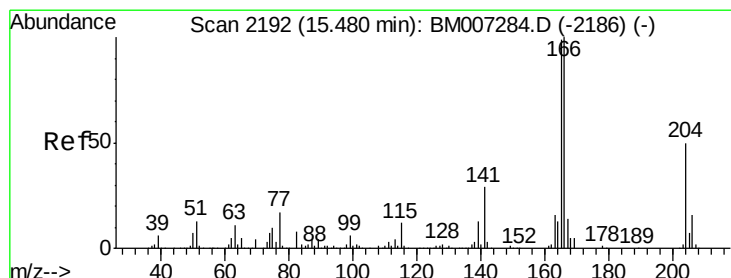
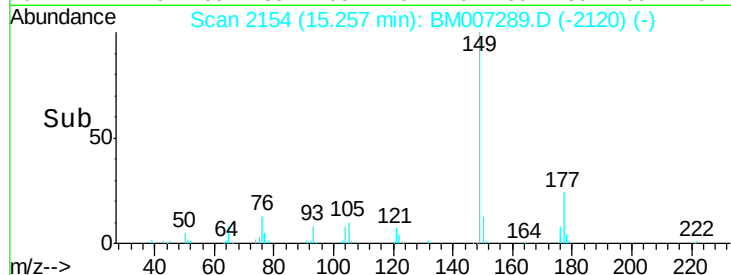
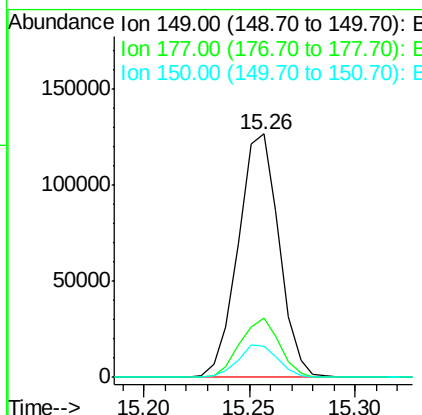
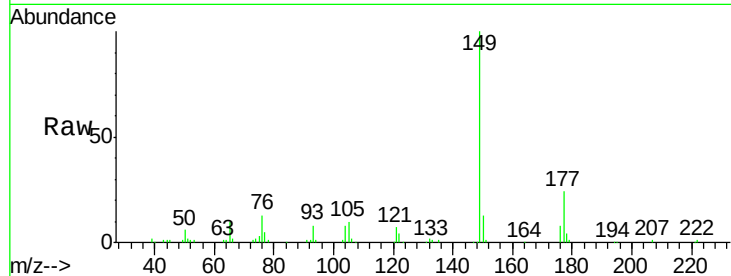
#56
Diethylphthalate
Concen: 2.08 ng/ul
RT: 15.26 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	169882		
177	24.4	18.6	28.0	
150	13.0	10.0	15.0	

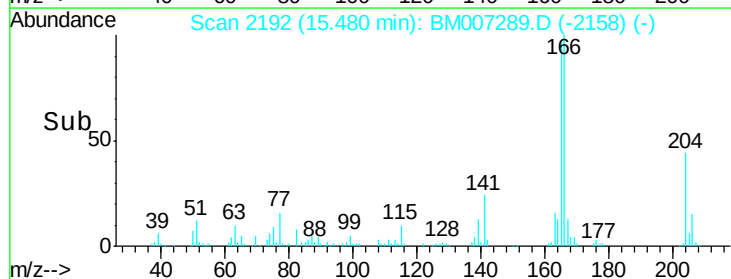
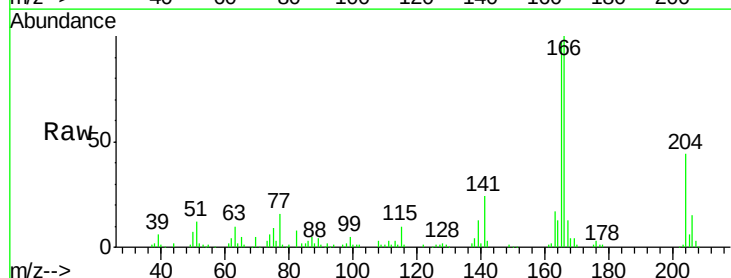
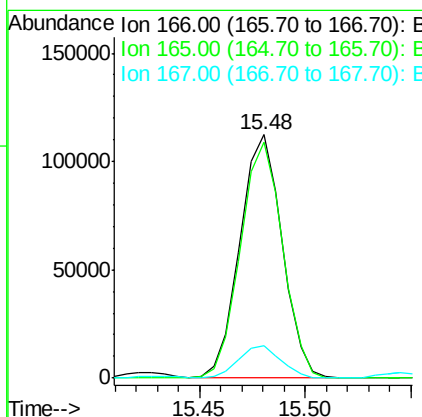
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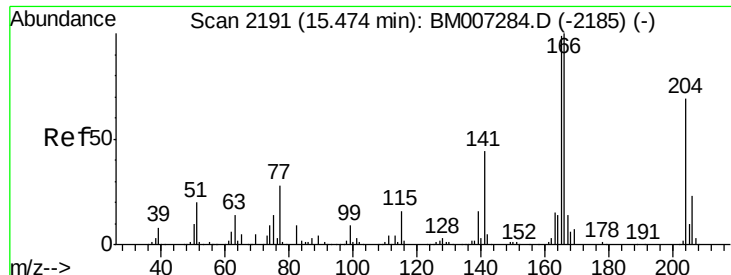
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#58
Fluorene
Concen: 2.08 ng/ul
RT: 15.48 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	156634		
165	97.0	79.9	119.9	
167	13.3	10.5	15.7	





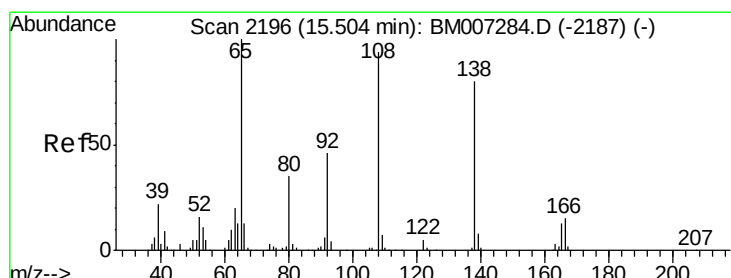
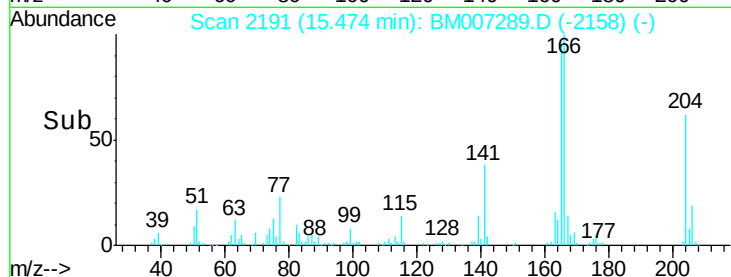
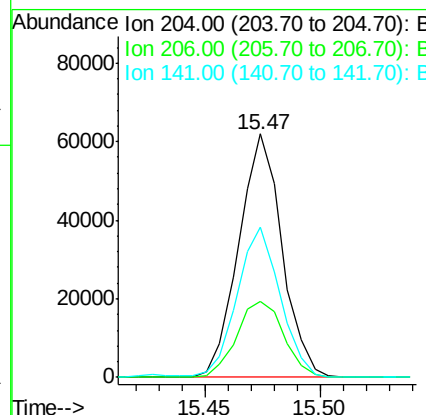
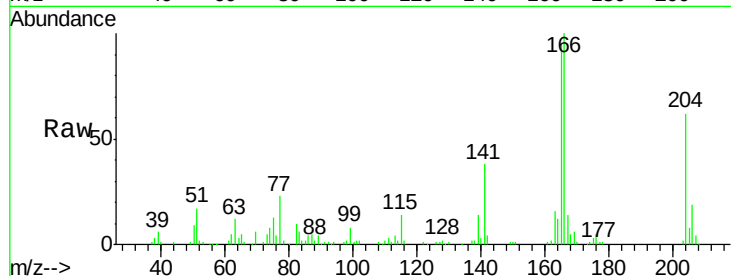
#59
 4-Chlorophenyl-phenylether
 Concen: 2.05 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	80710		
206	31.2	25.9	38.9	
141	61.8	46.1	69.1	

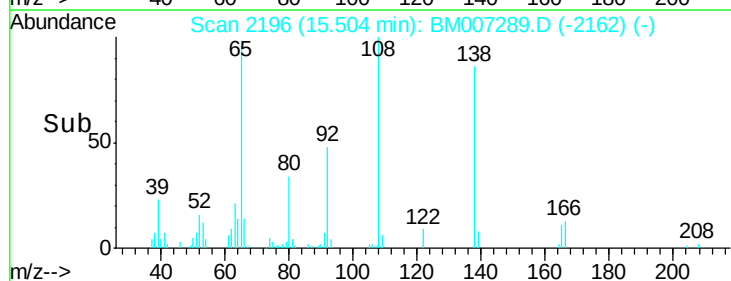
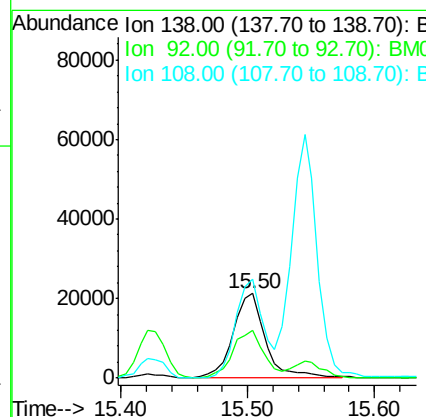
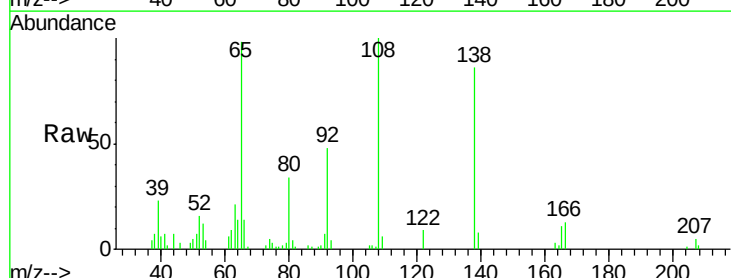
Manual Integrations
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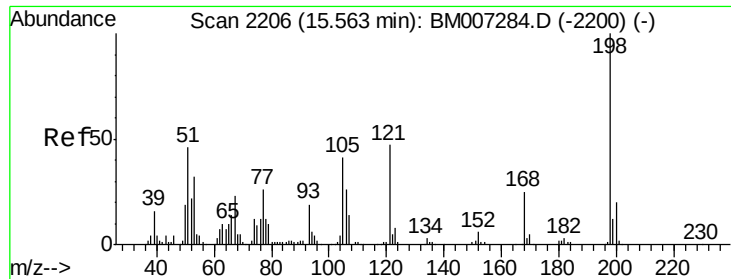
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#60
 4-Nitroaniline
 Concen: 2.04 ng/ul
 RT: 15.50 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	37816		
92	55.9	43.5	65.3	
108	116.5	80.3	120.5	





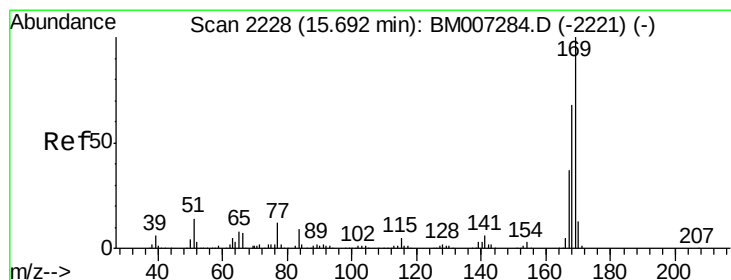
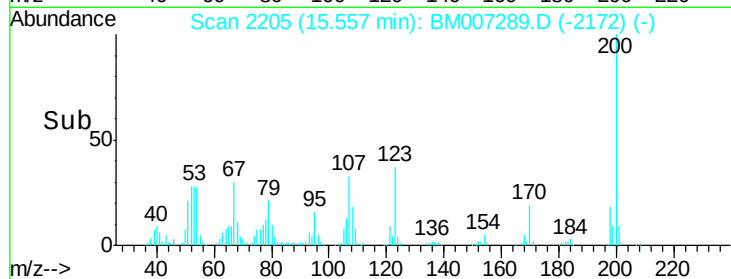
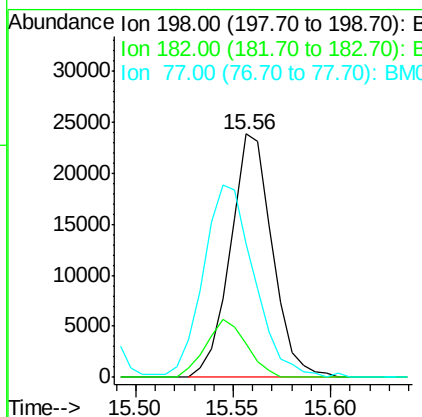
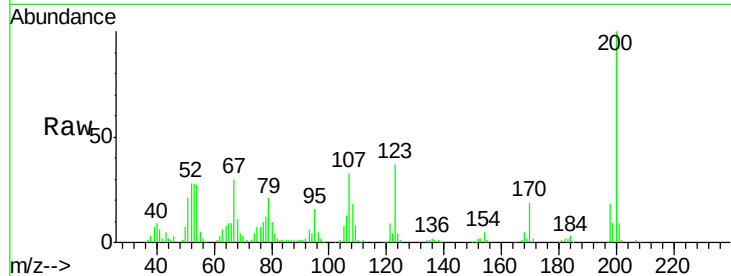
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.08 ng/ul
 RT: 15.56 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	35528		
182	13.7	3.3	4.9#	
77	54.7	21.8	32.6#	

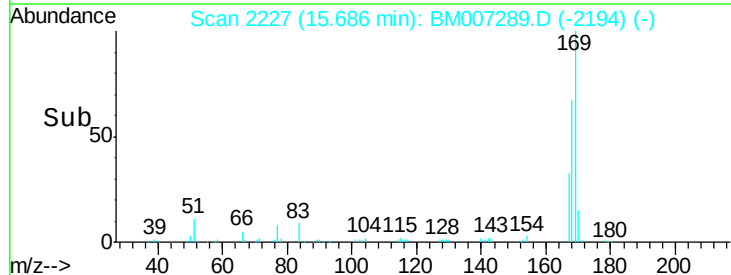
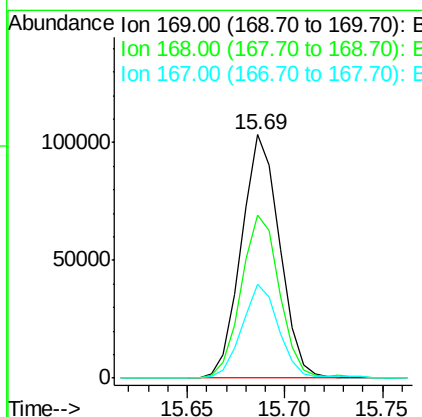
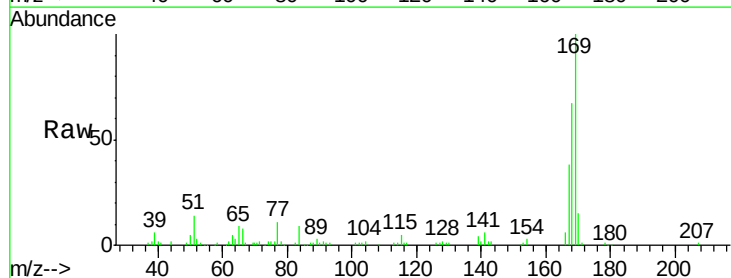
Manual Integrations
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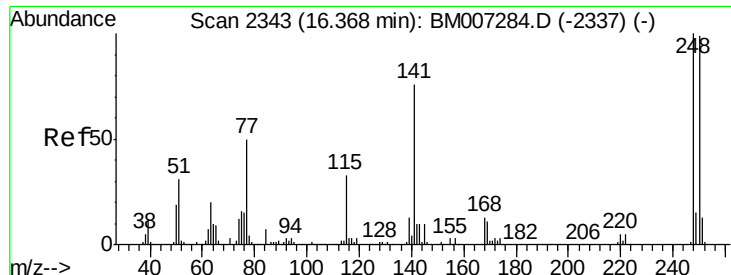
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#64
 N-Nitrosodiphenylamine
 Concen: 1.98 ng/ul
 RT: 15.69 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	140596		
168	67.1	52.6	79.0	
167	38.4	28.6	43.0	





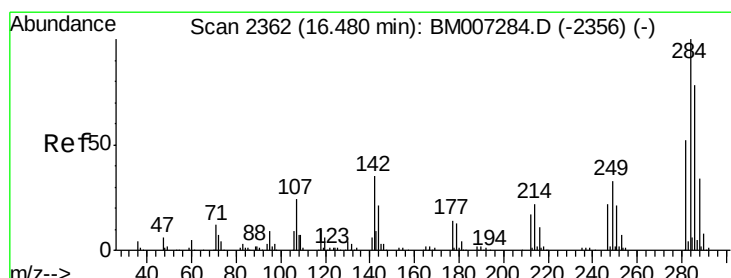
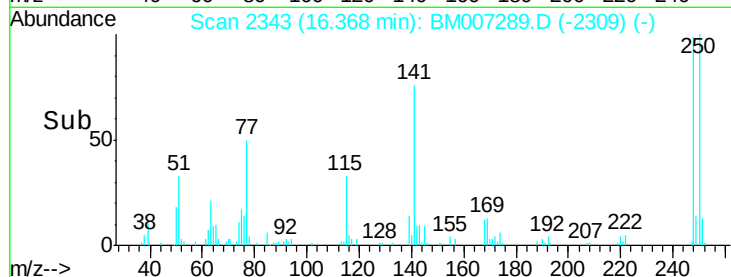
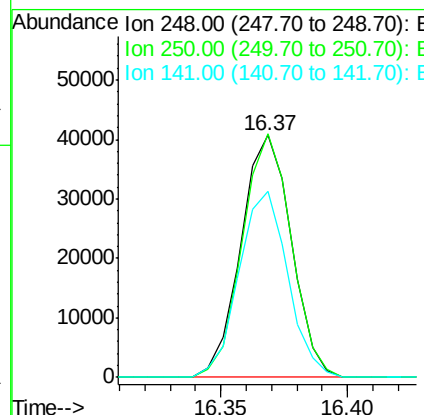
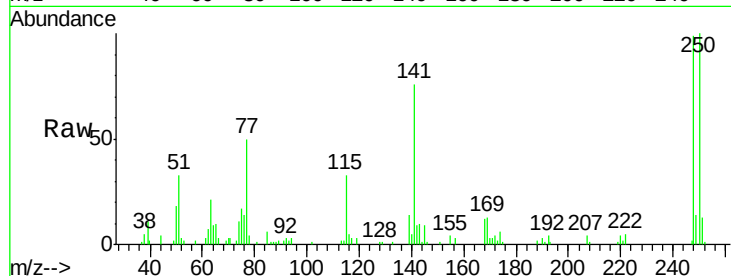
#65
 4-Bromophenyl-phenylether
 Concen: 1.95 ng/ul
 RT: 16.37 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Instrument :
 BNA_M
 ClientSampled :
 MDL-04-S-ML

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.7	79.7	119.5
141	76.9	58.3	87.5

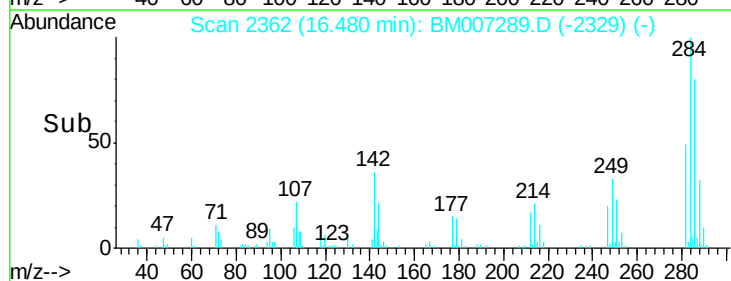
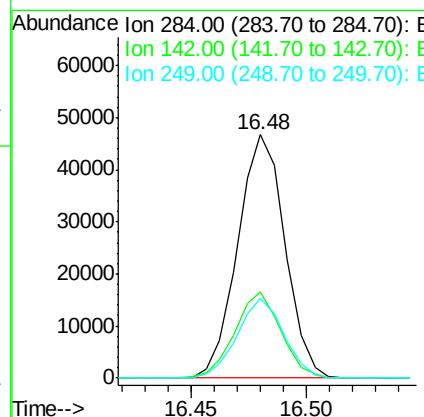
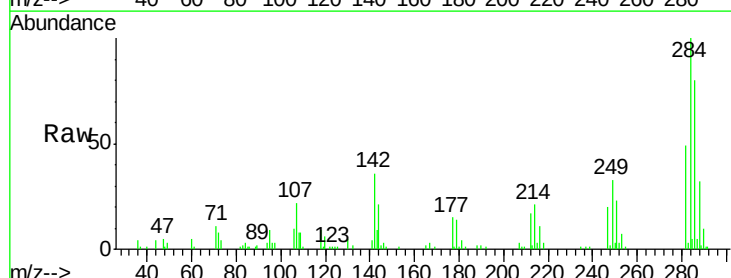
Manual Integrations
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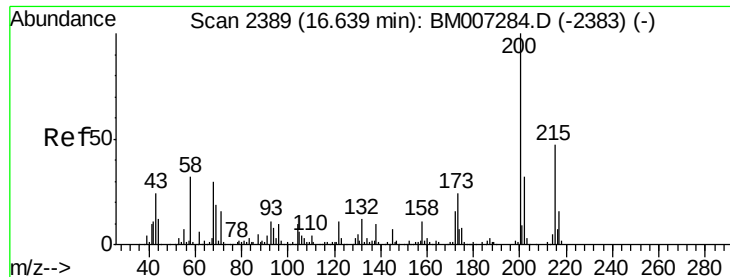
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#66
 Hexachlorobenzene
 Concen: 2.07 ng/ul
 RT: 16.48 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	24.9	37.3
249	31.1	25.5	38.3





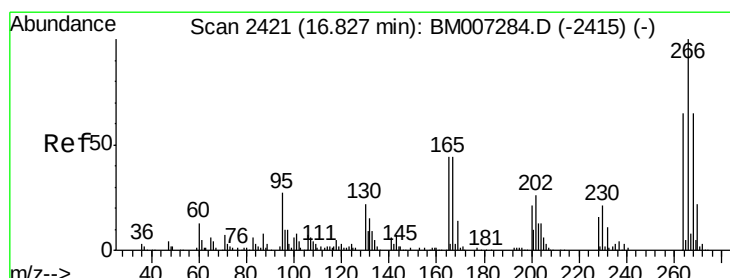
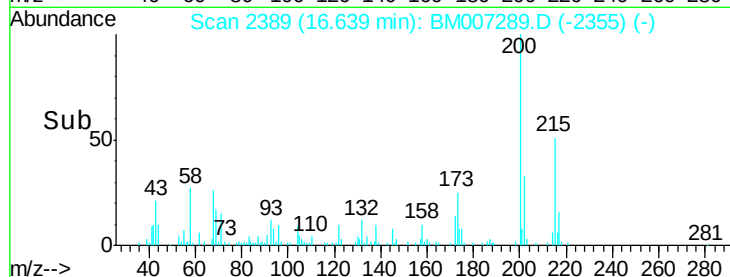
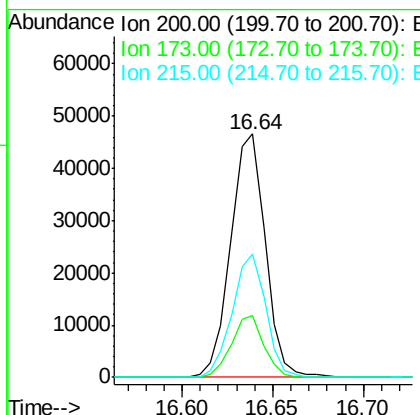
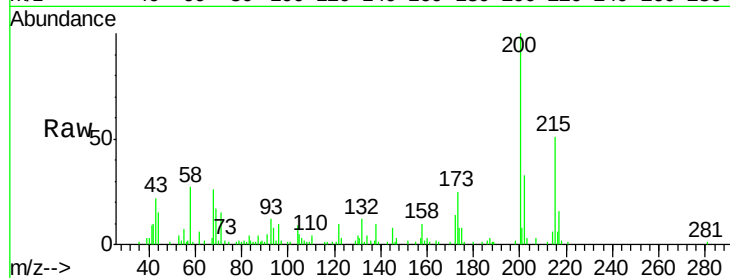
#67
Atrazine
Concen: 2.07 ng/ul
RT: 16.64 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.4	18.9	28.3
215	50.7	39.5	59.3

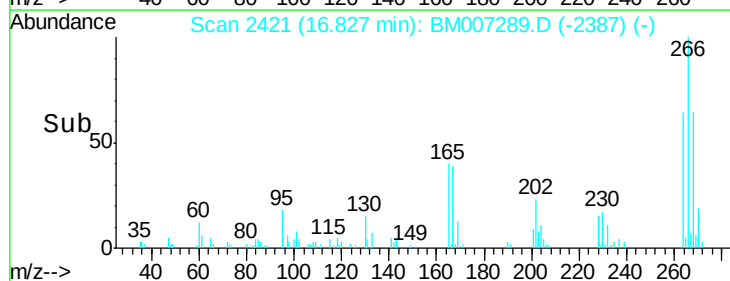
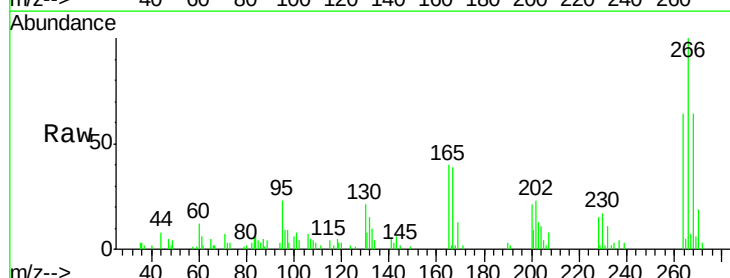
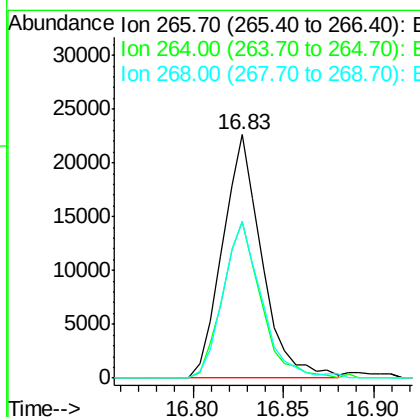
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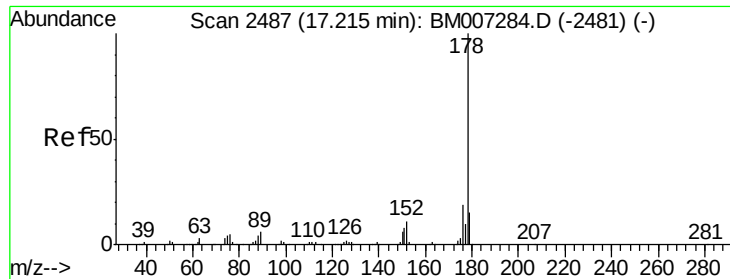
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#68
Pentachlorophenol
Concen: 1.64 ng/ul
RT: 16.83 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.1	50.6	75.8
268	64.2	51.0	76.6





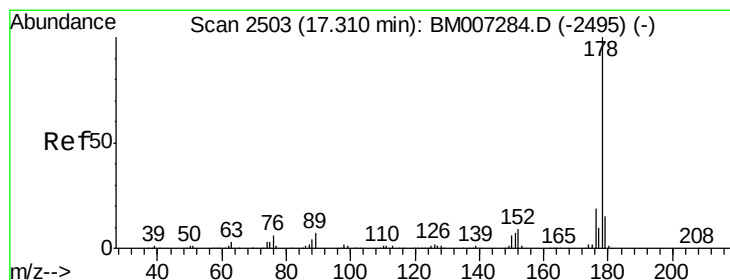
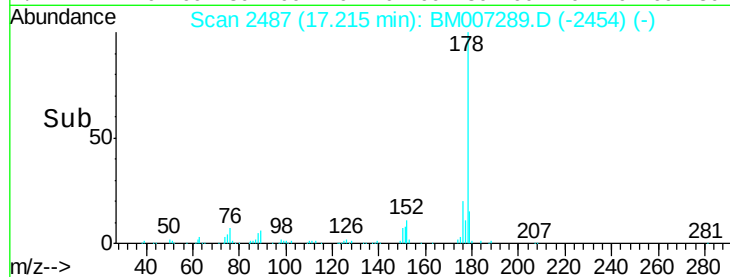
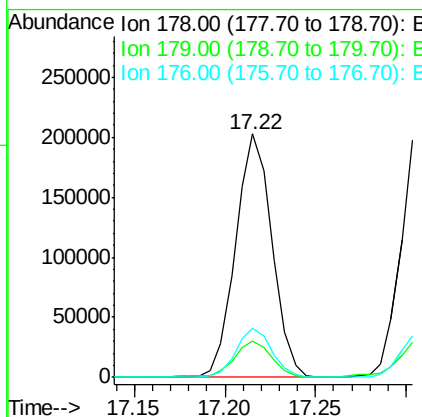
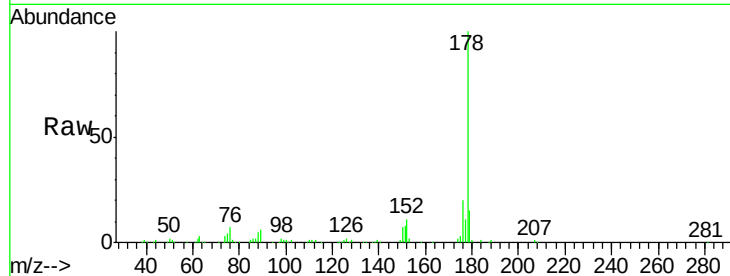
#69
Phenanthrene
Concen: 2.06 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	280995		
179	15.1	12.2	18.2	
176	20.0	15.1	22.7	

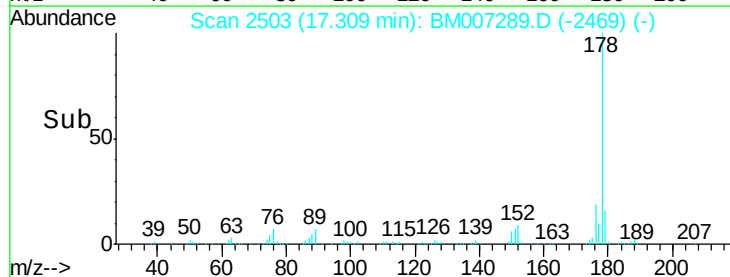
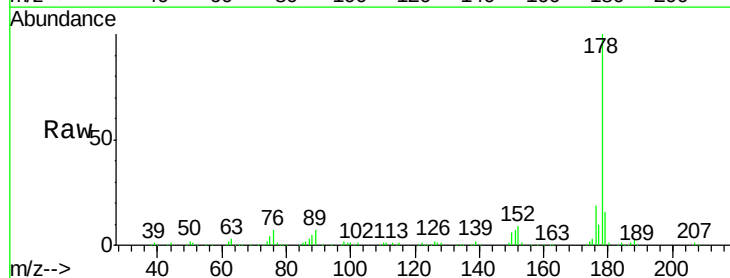
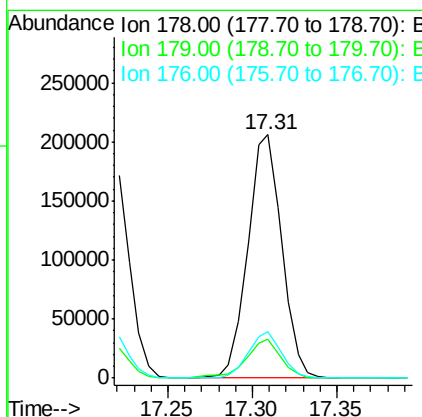
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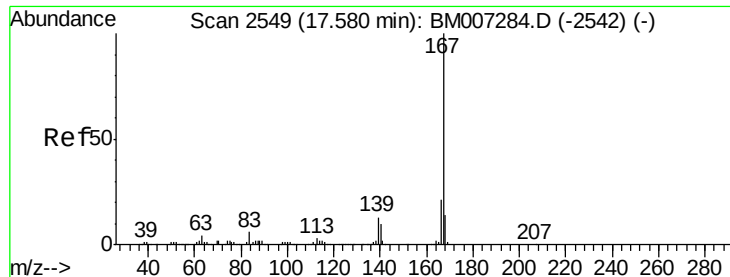
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#71
Anthracene
Concen: 2.03 ng/ul
RT: 17.31 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	286630		
179	15.8	12.1	18.1	
176	19.3	14.5	21.7	





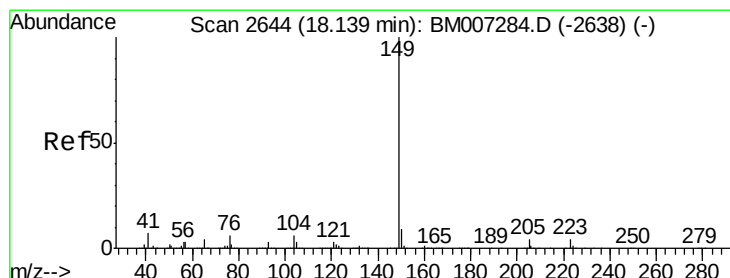
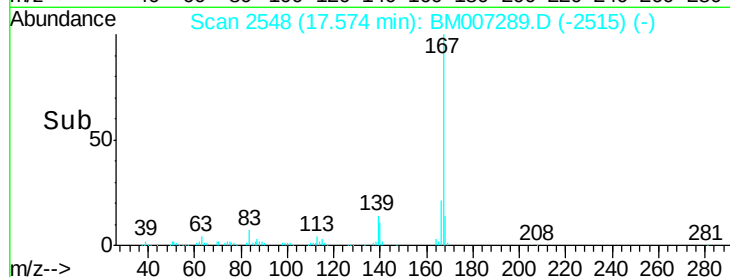
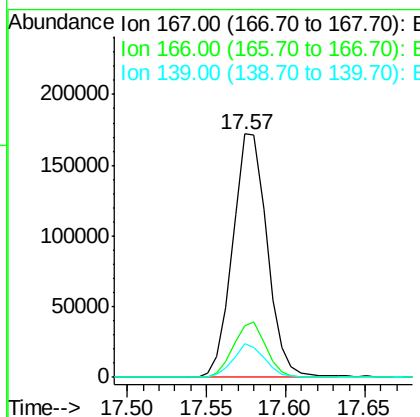
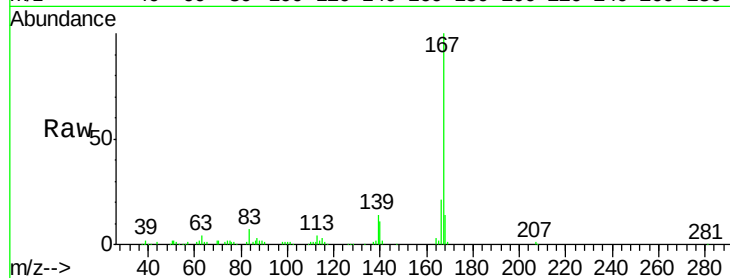
#72
 Carbazole
 Concen: 2.12 ng/ul
 RT: 17.57 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	260271		
166	21.4		16.6	25.0
139	14.1		10.2	15.4

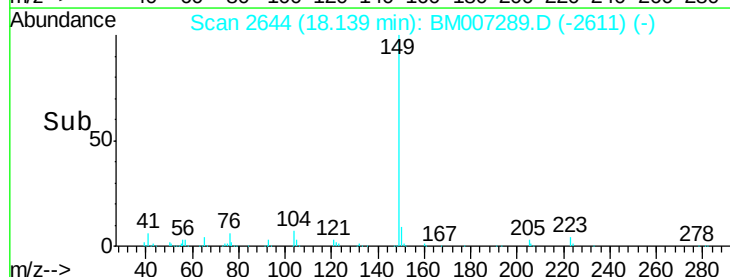
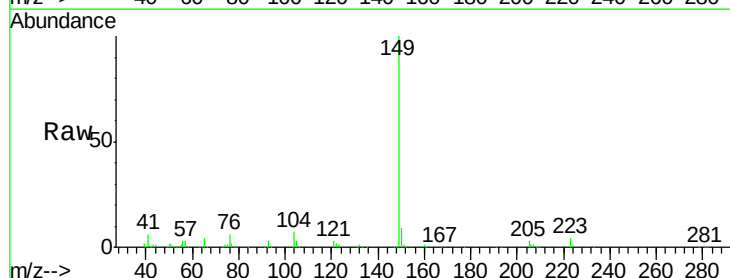
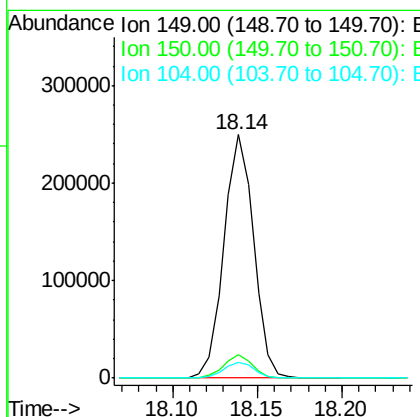
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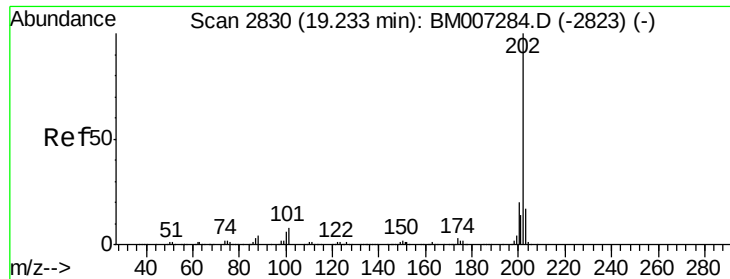
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#73
 Di-n-butylphthalate
 Concen: 1.98 ng/ul
 RT: 18.14 min Scan# 2644
 Delta R.T. -0.01 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	305415		
150	9.4		7.6	11.4
104	6.7		4.6	7.0





#74

Fluoranthene

Concen: 2.30 ng/ul

RT: 19.23 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Instrument :

BNA_M

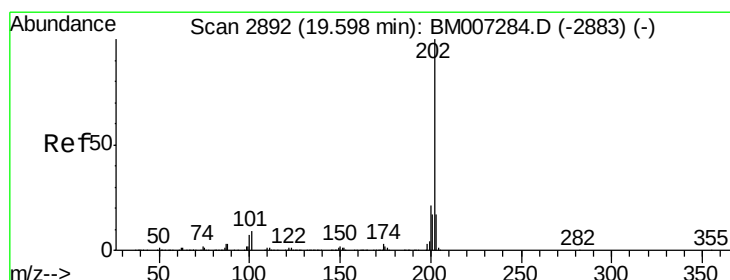
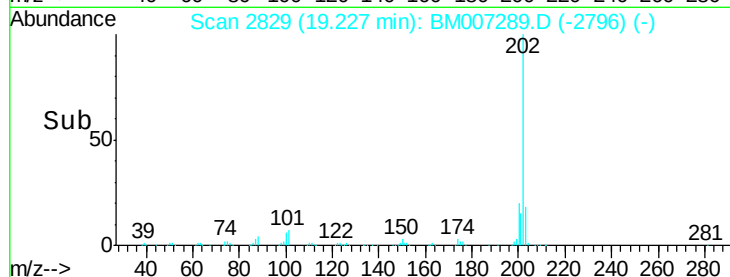
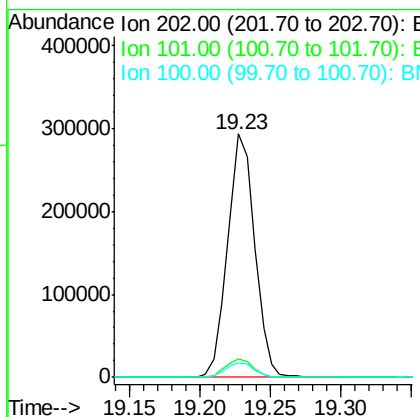
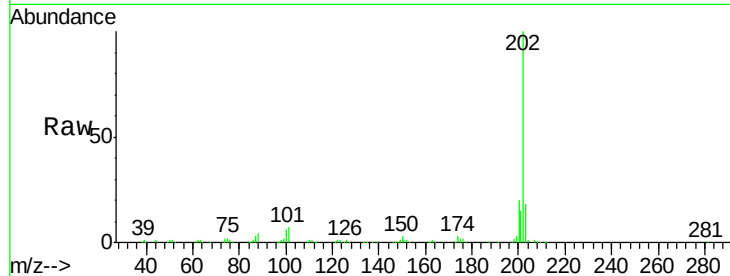
ClientSampleId :

MDL-04-S-ML

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		394134		
101	7.3	6.9	10.3		
100	5.9	5.4	8.0		

Manual Integrations
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#77

Pyrene

Concen: 2.10 ng/ul

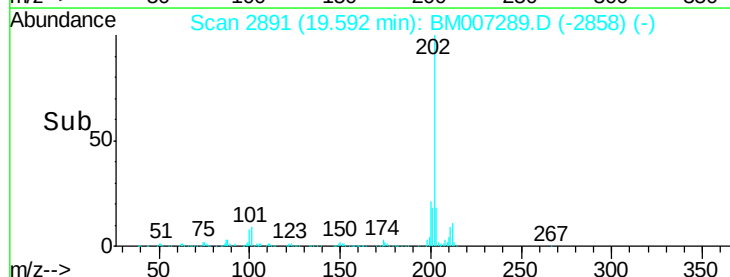
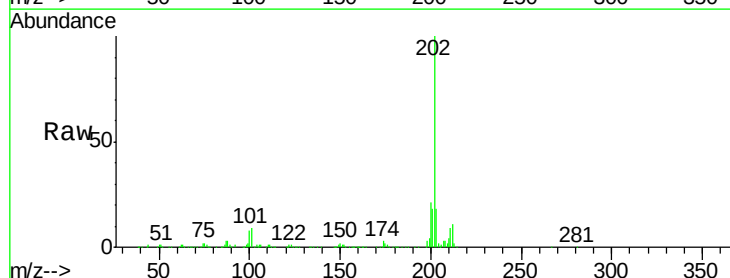
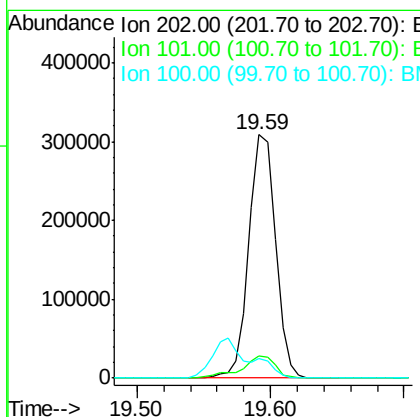
RT: 19.59 min Scan# 2891

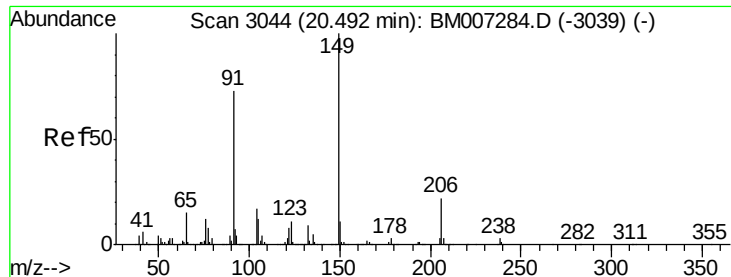
Delta R.T. -0.01 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		426200		
101	9.3	8.4	12.6		
100	8.2	6.9	10.3		





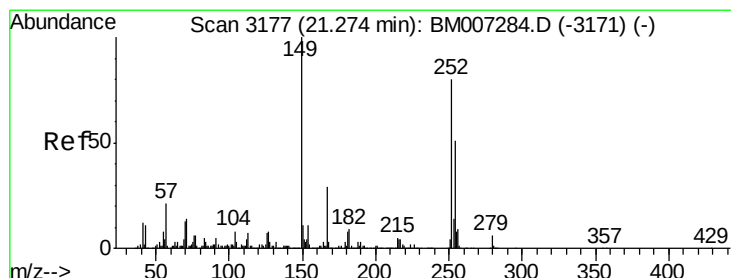
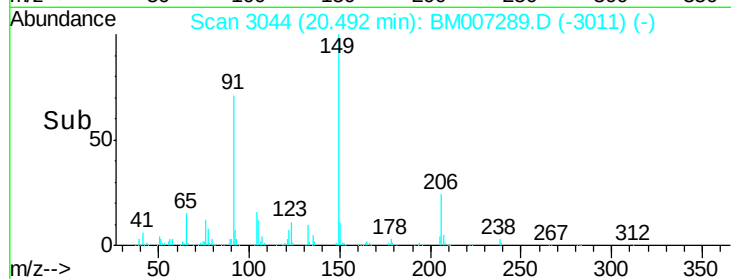
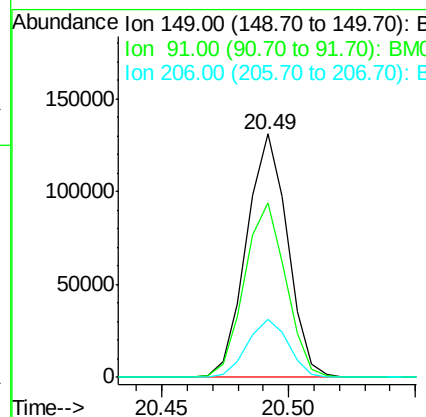
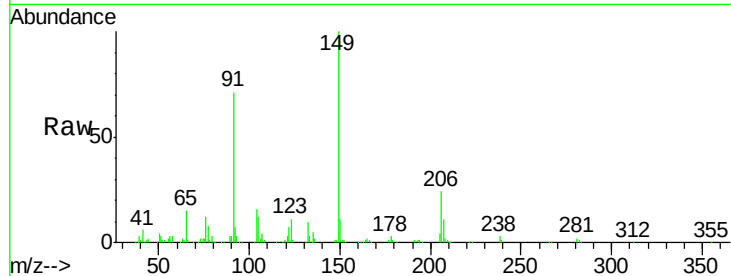
#78
Butylbenzylphthalate
Concen: 1.76 ng/ul
RT: 20.49 min Scan# 3044
Delta R.T. -0.01 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	148354		
91	71.5	57.3	85.9	
206	23.9	18.6	27.8	

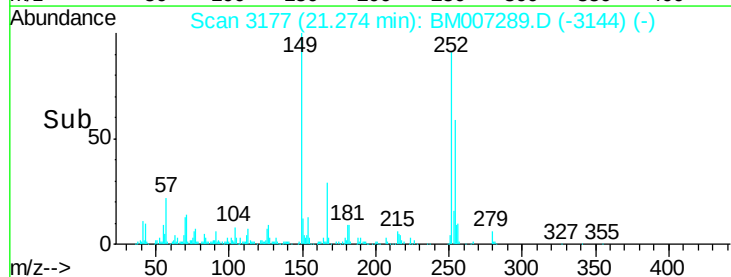
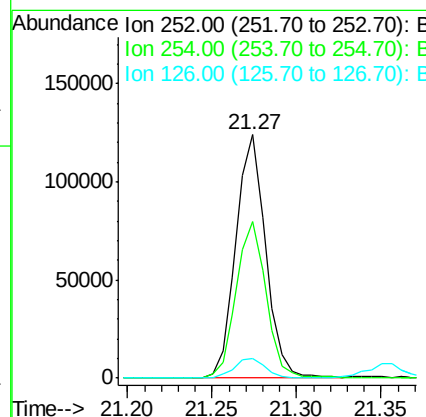
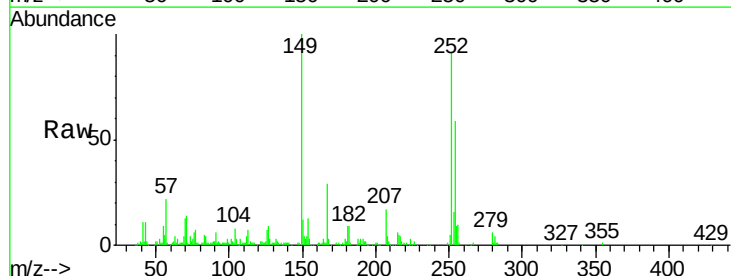
Manual Integrations
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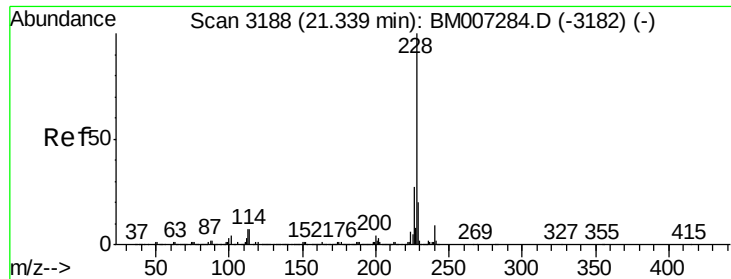
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#79
3,3'-Dichlorobenzidine
Concen: 2.04 ng/ul
RT: 21.27 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	152920		
254	64.5	51.0	76.4	
126	7.9	7.1	10.7	





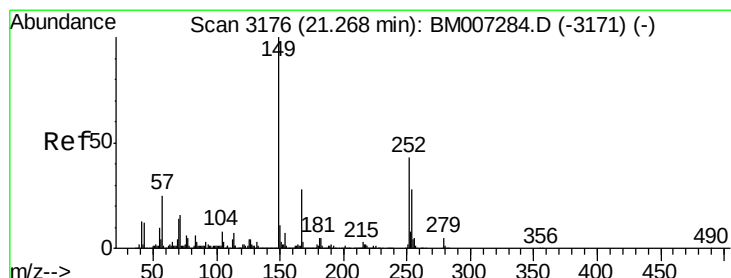
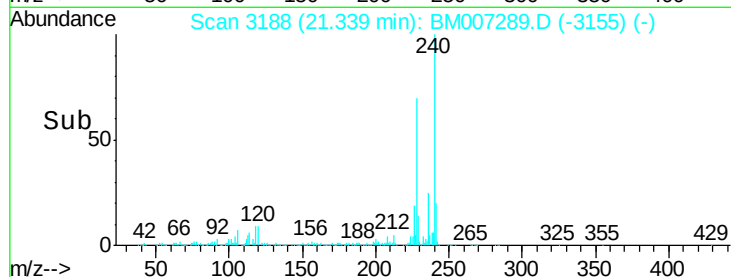
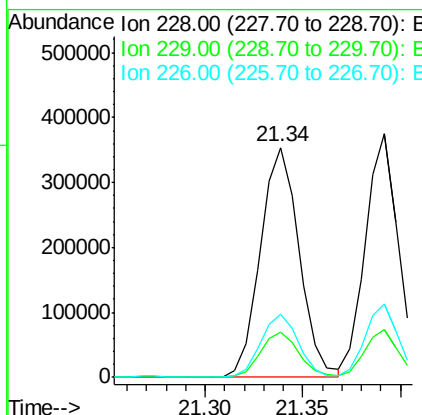
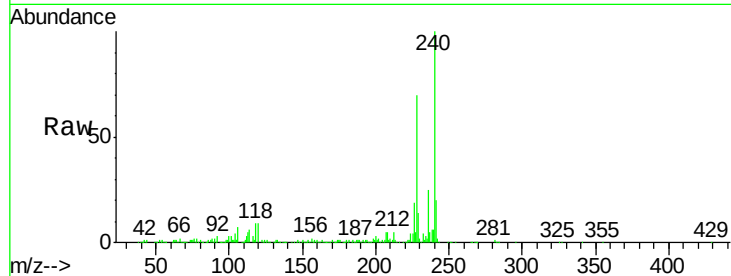
#80
 Benzo(a)anthracene
 Concen: 2.19 ng/ul
 RT: 21.34 min Scan# 3188
 Delta R.T. -0.01 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.6	23.4
226	27.4	21.8	32.8

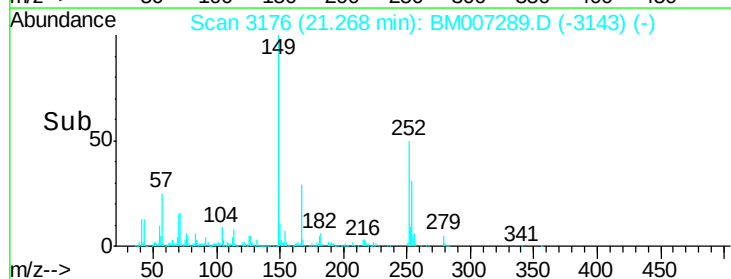
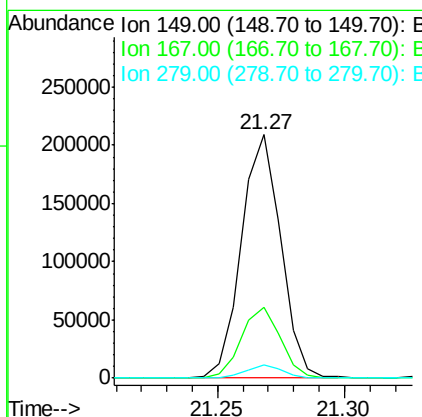
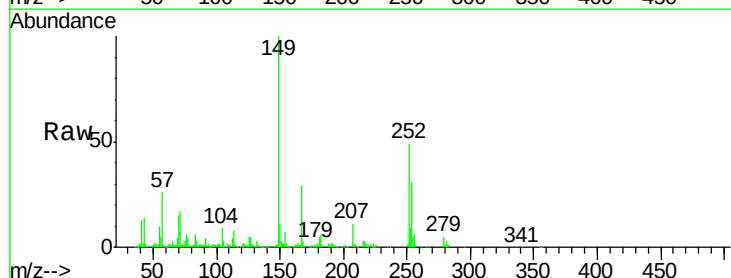
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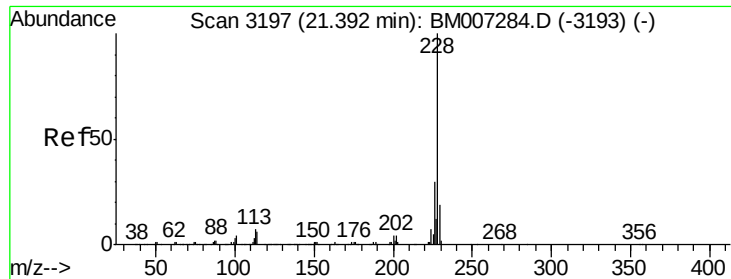
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#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.84 ng/ul
 RT: 21.27 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BM007289.D
 Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.2	34.8
279	5.3	4.1	6.1





#82

Chrysene

Concen: 2.16 ng/ul

RT: 21.39 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Instrument :

BNA_M

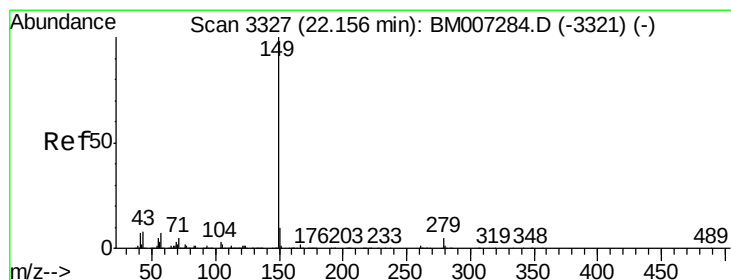
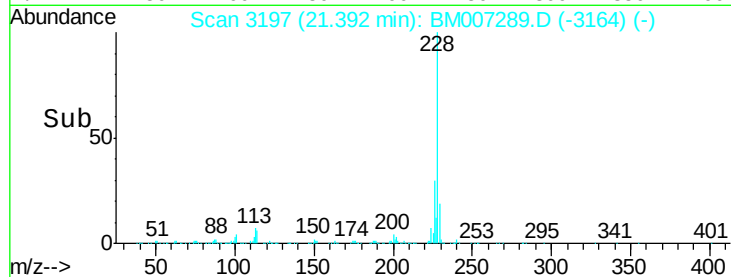
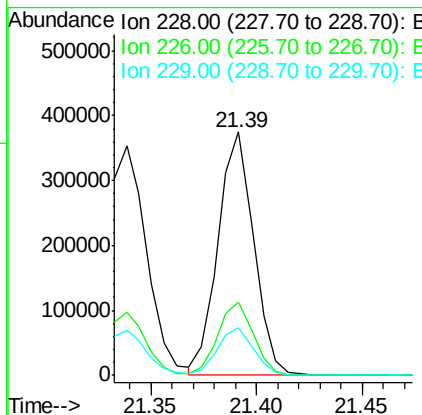
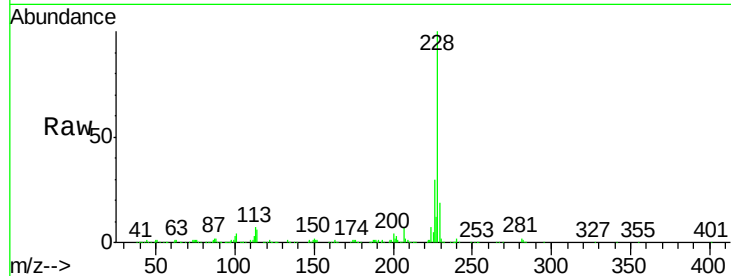
ClientSampleId :

MDL-04-S-ML

Tgt Ion:	228	Resp:	436856
Ion Ratio		Lower	Upper
228	100		
226	30.1	23.4	35.2
229	19.4	15.5	23.3

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#84

Di-n-octyl phthalate

Concen: 1.92 ng/ul

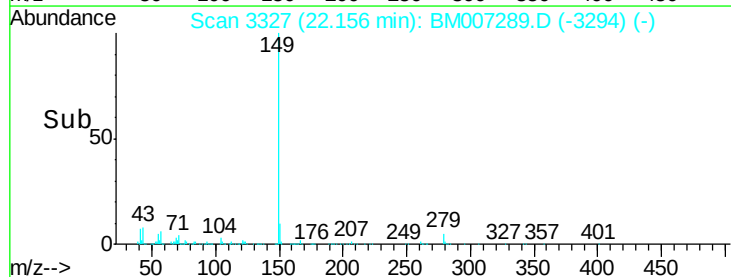
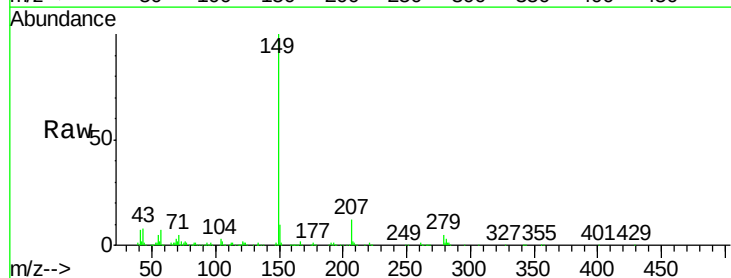
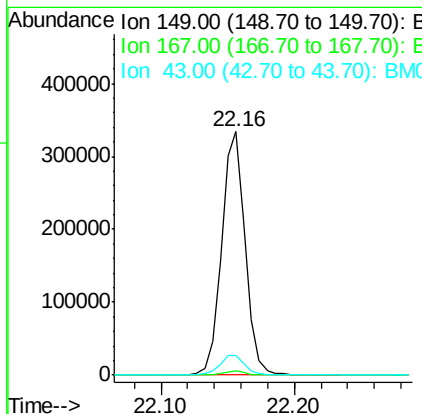
RT: 22.16 min Scan# 3327

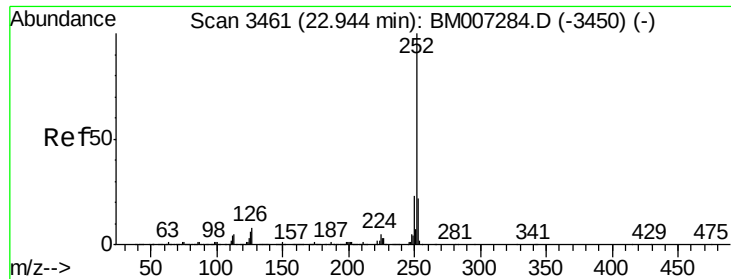
Delta R.T. -0.01 min

Lab File: BM007289.D

Acq: 24 Aug 2016 22:51

Tgt Ion:	149	Resp:	410114
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.1	6.6	10.0





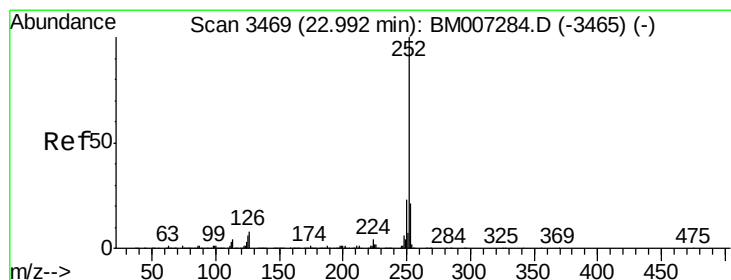
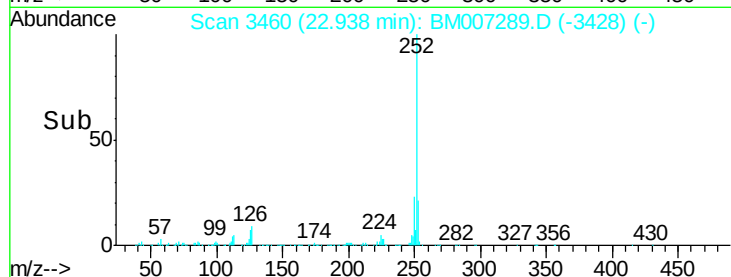
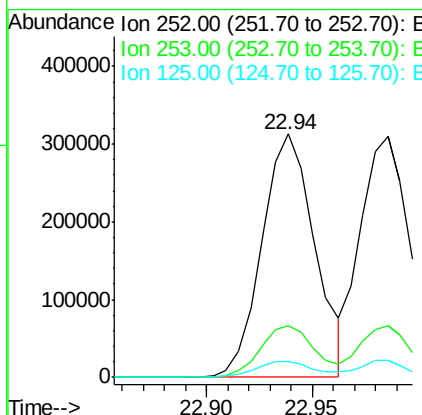
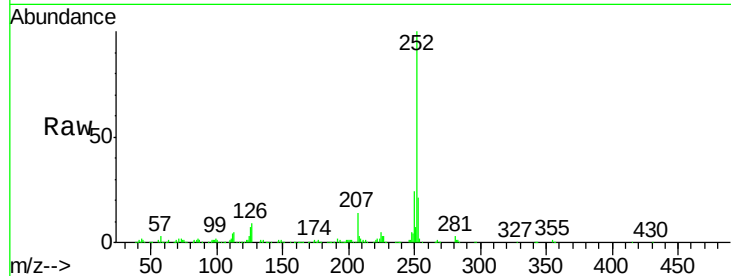
#85
Benzo(b)fluoranthene
Concen: 2.15 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	6.7	5.8	8.8

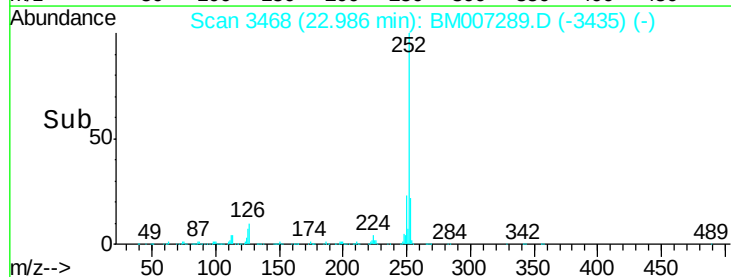
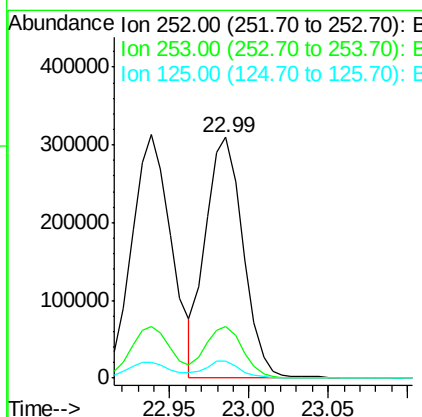
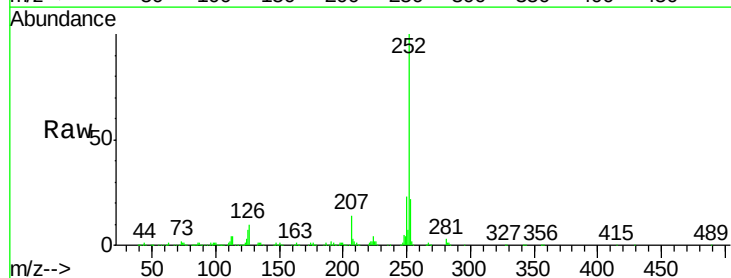
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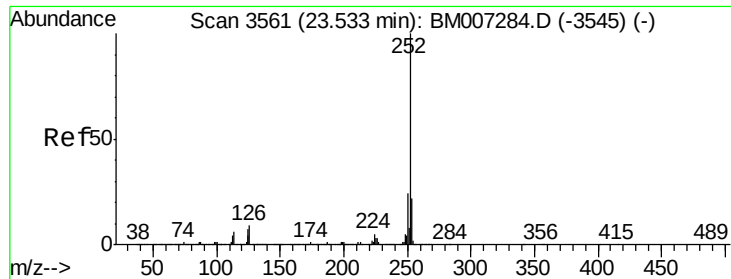
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#86
Benzo(k)fluoranthene
Concen: 2.16 ng/ul
RT: 22.99 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	7.0	5.7	8.5





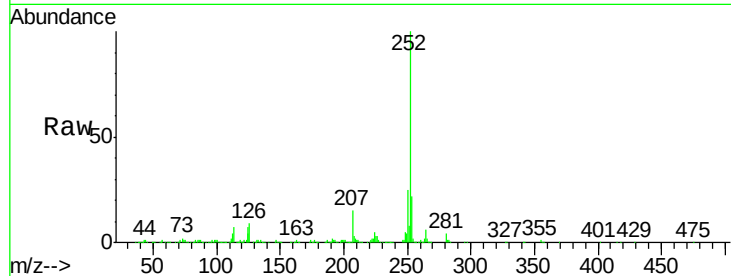
#88
Benzo(a)pyrene
Concen: 2.23 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

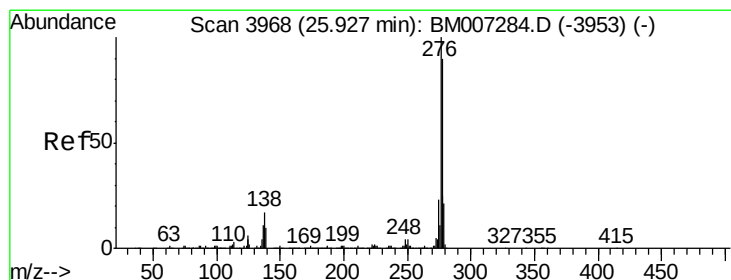
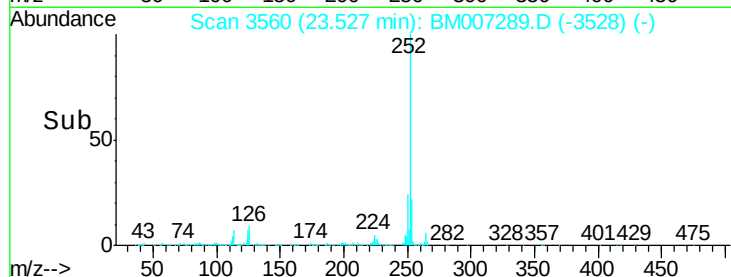
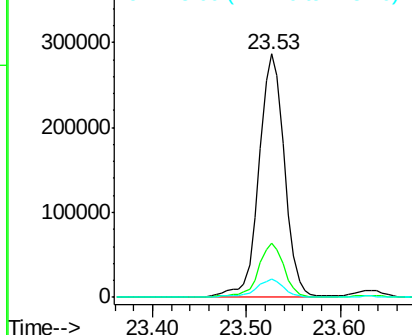
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	7.5	6.6	9.8

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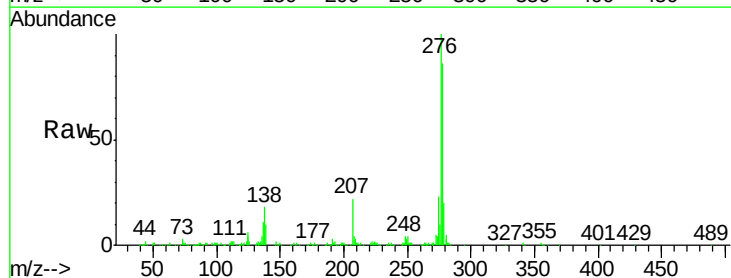


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

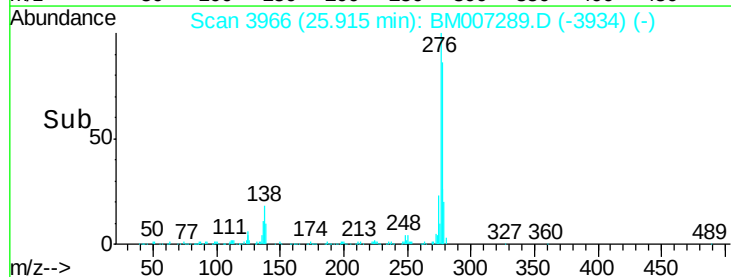
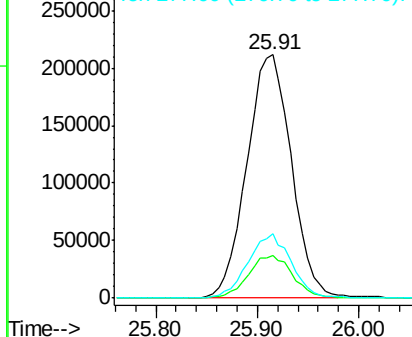


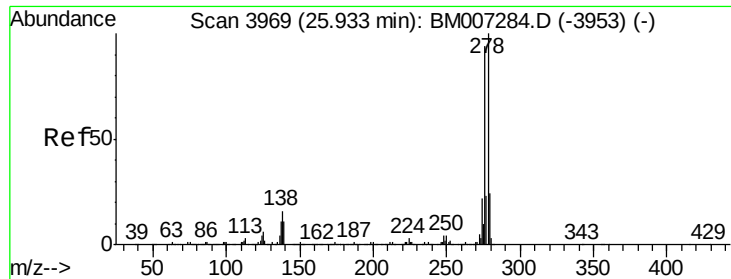
#89
Indeno(1,2,3-cd)pyrene
Concen: 2.17 ng/ul
RT: 25.91 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

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



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





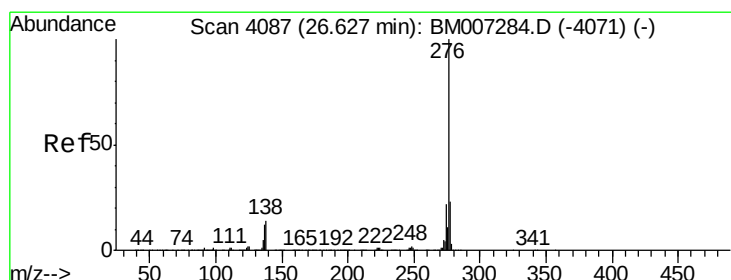
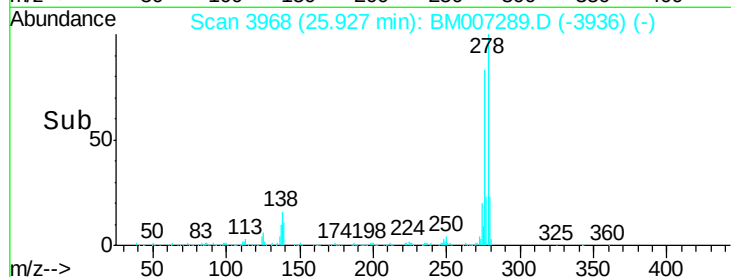
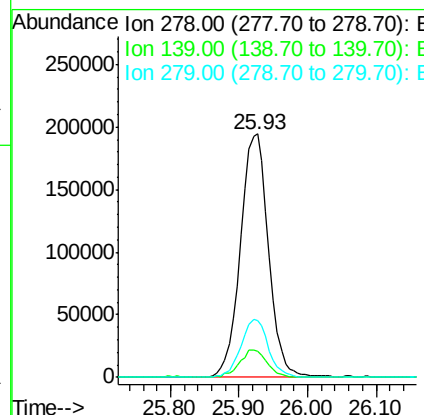
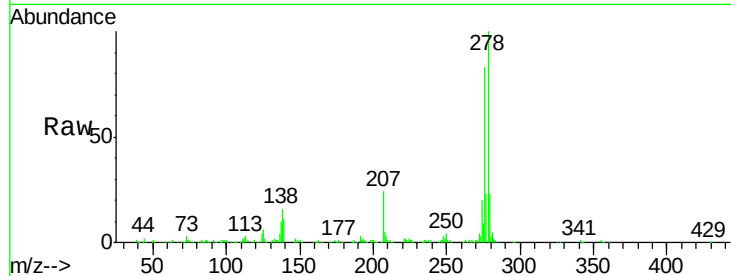
#90
Dibenzo(a,h)anthracene
Concen: 2.24 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.01 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.7	9.5	14.3
279	23.1	19.1	28.7

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#91
Benzo(g,h,i)perylene
Concen: 2.18 ng/ul
RT: 26.61 min Scan# 4085
Delta R.T. -0.02 min
Lab File: BM007289.D
Acq: 24 Aug 2016 22:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	13.5	20.3
277	23.0	19.3	28.9

