

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
 Data File : BM007282.D
 Acq On : 24 Aug 2016 17:58
 Operator : UM/SJ
 Sample : MDL-07-W
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

Manual Integrations
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Quant Time: Aug 24 18:31:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 13:53:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	111185	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	536384	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	404991	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1123880	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1675718	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1879711	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	6381	2.93	ng/uL	0.00
5) Phenol-d5	6.97	99	262149	24.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	160856	29.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	212088	27.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	235309	25.69	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	112750	28.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	131767	28.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	244783	26.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	348382	30.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1077955	30.85	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1173244	28.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	186331	28.25	ng/ul	0.00
57) Fluorene-d10	15.42	176	907408	30.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	187032	26.47	ng/ul	0.00
70) Anthracene-d10	17.27	188	1596859	30.42	ng/ul	0.00
76) Pyrene-d10	19.57	212	2063381	29.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2592749	29.95	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	2206m	0.91	ng/ul
4) Benzaldehyde	6.95	77	18741	3.13	ng/ul 96
6) Phenol	6.99	94	25917	2.38	ng/ul 90
8) Bis(2-Chloroethyl)ether	7.23	93	20749	2.73	ng/ul 94
10) 2-Chlorophenol	7.36	128	19542	2.46	ng/ul# 91
11) 2-Methylphenol	8.24	108	18889	2.22	ng/ul 91
12) 2,2'-oxybis(1-Chloropropan	8.33	45	22258	2.61	ng/ul 96
14) Acetophenone	8.62	105	37084	2.64	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.60	70	19144	2.56	ng/ul 98
16) 4-Methylphenol	8.56	108	21541	2.25	ng/ul 89
17) Hexachloroethane	8.87	117	8026	2.60	ng/ul 93
20) Nitrobenzene	8.99	77	28494	2.82	ng/ul 97
21) Isophorone	9.52	82	51925	2.52	ng/ul 99
23) 2-Nitrophenol	9.70	139	12905	2.58	ng/ul 95
24) 2,4-Dimethylphenol	9.76	107	28795	2.61	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.00	93	30865	2.66	ng/ul 95
27) 2,4-Dichlorophenol	10.23	162	22648	2.49	ng/ul# 86
28) Naphthalene	10.63	128	72855	2.73	ng/ul 98
30) 4-Chloroaniline	10.75	127	32210	2.74	ng/ul 95
31) Hexachlorobutadiene	10.92	225	17380	2.83	ng/ul 90
32) Caprolactam	11.53	113	8392m	2.29	ng/ul
33) 4-Chloro-3-methylphenol	11.87	107	26896	2.39	ng/ul 95
34) 2-Methylnaphthalene	12.25	142	59479	2.72	ng/ul 99

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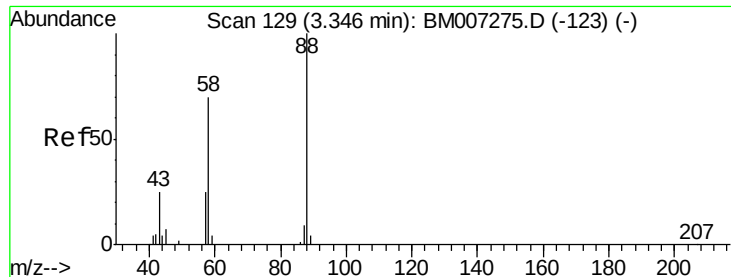
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	35100	2.60	ng/ul	97
37) Hexachlorocyclopentadiene	12.60	237	16603	2.04	ng/ul#	95
38) 2,4,6-Trichlorophenol	12.86	196	21198m	2.22	ng/ul	
39) 2,4,5-Trichlorophenol	12.93	196	23154	2.33	ng/ul	93
40) 1,1'-Biphenyl	13.26	154	83493	2.66	ng/ul	95
41) 2-Chloronaphthalene	13.30	162	64482	2.62	ng/ul	96
42) 2-Nitroaniline	13.51	65	17444	2.17	ng/ul	93
44) Dimethylphthalate	13.89	163	101326	2.91	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	15987	2.25	ng/ul	91
47) Acenaphthylene	14.15	152	111919	2.69	ng/ul	99
48) 3-Nitroaniline	14.34	138	17243	2.37	ng/ul	97
49) Acenaphthene	14.49	153	73403	2.71	ng/ul	98
50) 2,4-Dinitrophenol	14.55	184	7283	1.51	ng/ul#	90
52) 4-Nitrophenol	14.64	109	20451	2.91	ng/ul	89
53) Dibenzofuran	14.83	168	112119	2.76	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	27490	2.52	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.06	232	24677	2.42	ng/ul#	97
56) Diethylphthalate	15.25	149	101022	2.78	ng/ul	97
58) Fluorene	15.48	166	96892	2.90	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	50079	2.87	ng/ul	94
60) 4-Nitroaniline	15.50	138	20481	2.49	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.56	198	19488	2.58	ng/ul#	58
64) N-Nitrosodiphenylamine	15.69	169	84390	2.69	ng/ul	97
65) 4-Bromophenyl-phenylether	16.37	248	34778	2.74	ng/ul	97
66) Hexachlorobenzene	16.48	284	38641	2.72	ng/ul	95
67) Atrazine	16.64	200	34367	2.59	ng/ul	100
68) Pentachlorophenol	16.82	266	18588	2.03	ng/ul	90
69) Phenanthrene	17.22	178	169743	2.81	ng/ul	99
71) Anthracene	17.30	178	173471	2.79	ng/ul	99
72) Carbazole	17.58	167	151317	2.80	ng/ul	98
73) Di-n-butylphthalate	18.14	149	171159	2.51	ng/ul	99
74) Fluoranthene	19.23	202	225502	2.98	ng/ul	97
77) Pyrene	19.59	202	254053	2.83	ng/ul	96
78) Butylbenzylphthalate	20.49	149	77246	2.06	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	84261	2.53	ng/ul	98
80) Benzo(a)anthracene	21.34	228	281276	2.85	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	122226	2.25	ng/ul	99
82) Chrysene	21.39	228	259729	2.90	ng/ul	98
84) Di-n-octyl phthalate	22.16	149	213496	2.28	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	299005	2.69	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	295770	2.88	ng/ul	99
88) Benzo(a)pyrene	23.53	252	309057	2.91	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.92	276	370430	2.84	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	309269	2.85	ng/ul	97
91) Benzo(g,h,i)perylene	26.62	276	309036	2.79	ng/ul	97

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



#2

1,4-Dioxane

Concen: 0.91 ng/uL m

RT: 3.35 min Scan# 129

Delta R.T. 0.00 min

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Instrument :

BNA_M

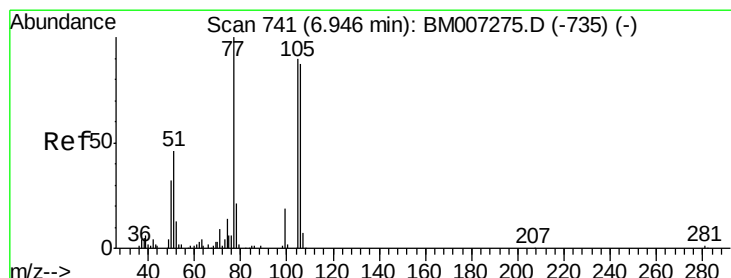
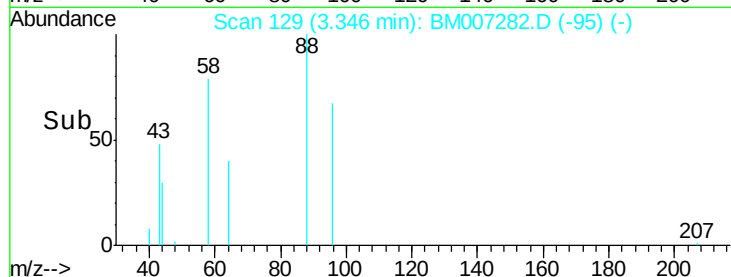
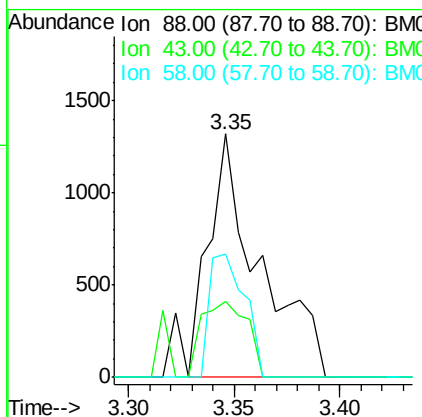
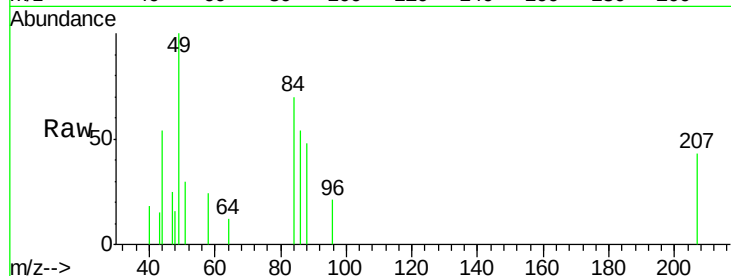
ClientSampleId :

MDL-07-W

Tgt Ion:	88	Resp:	2206
Ion Ratio	Lower	Upper	
88	100		
43	28.2	22.6	34.0
58	35.4	57.3	85.9#

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#4

Benzaldehyde

Concen: 3.13 ng/uL

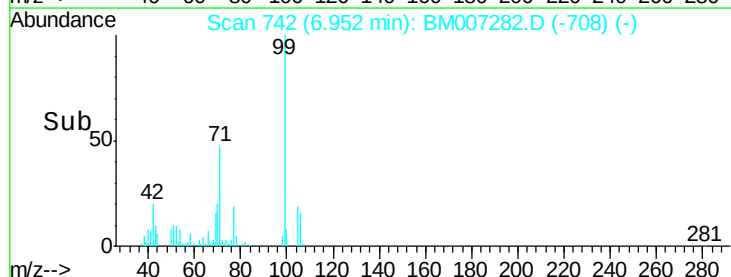
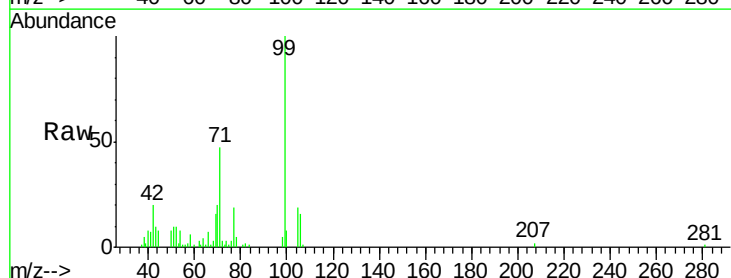
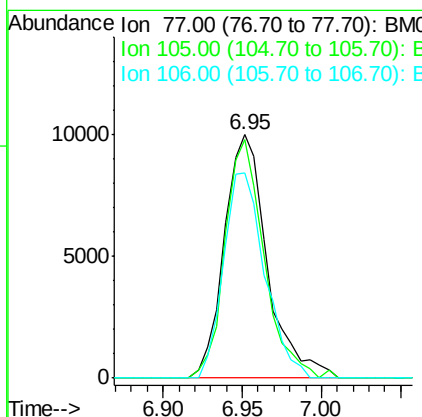
RT: 6.95 min Scan# 742

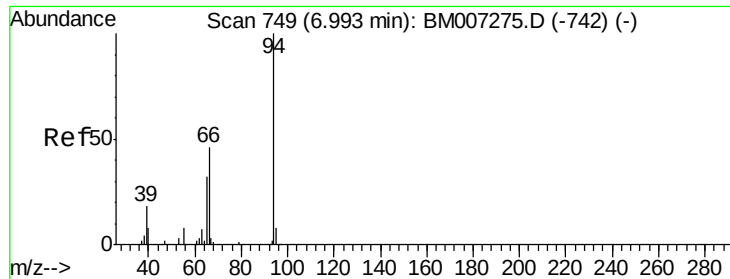
Delta R.T. 0.00 min

Lab File: BM007282.D

Acq: 24 Aug 2016 17:58

Tgt Ion:	77	Resp:	18741
Ion Ratio	Lower	Upper	
77	100		
105	98.1	76.9	115.3
106	84.4	71.8	107.8





#6

Phenol

Concen: 2.38 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007282.D

Acq: 24 Aug 2016 17:58

Instrument :

BNA_M

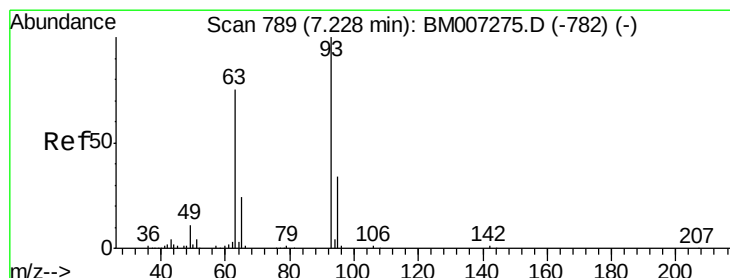
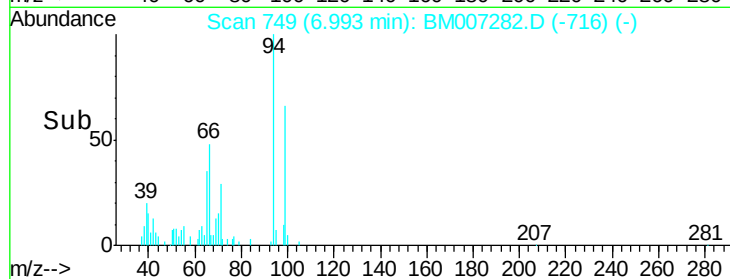
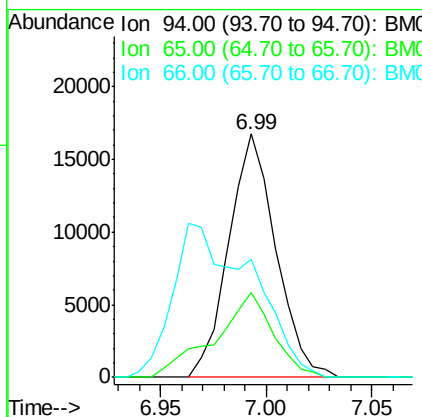
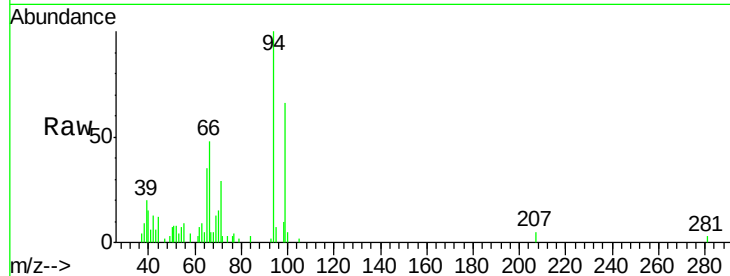
ClientSampled :

MDL-07-W

Tgt Ion:	94	Resp:	25917
Ion	Ratio	Lower	Upper
94	100		
65	35.1	23.9	35.9
66	48.3	33.5	50.3

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#8

Bis(2-Chloroethyl)ether

Concen: 2.73 ng/ul

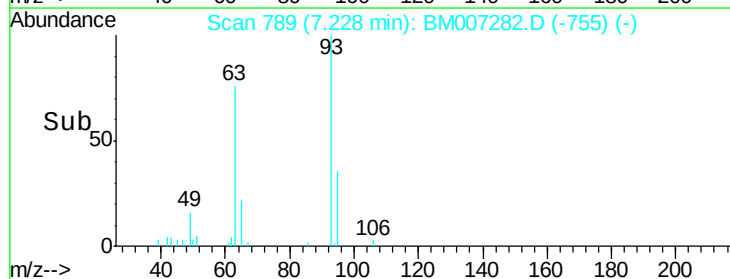
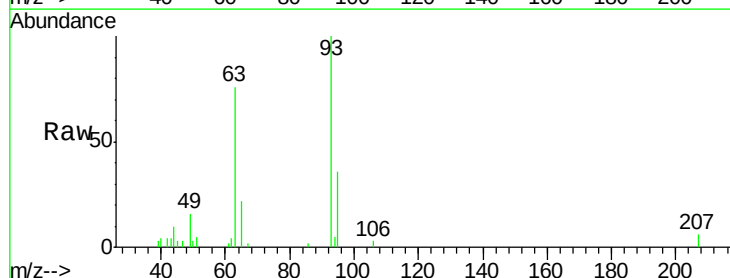
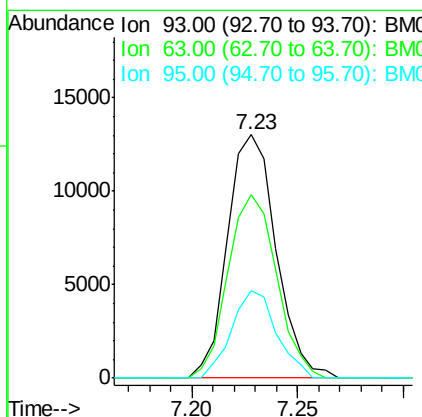
RT: 7.23 min Scan# 789

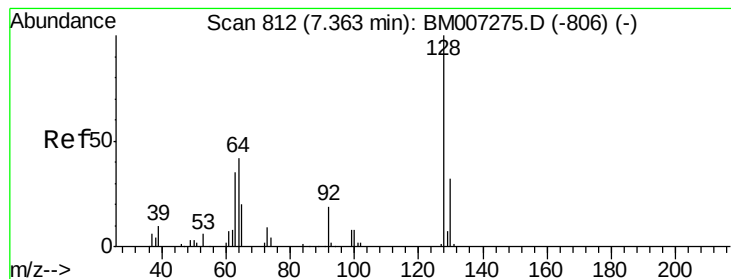
Delta R.T. 0.00 min

Lab File: BM007282.D

Acq: 24 Aug 2016 17:58

Tgt Ion:	93	Resp:	20749
Ion	Ratio	Lower	Upper
93	100		
63	75.6	57.3	85.9
95	35.7	25.1	37.7





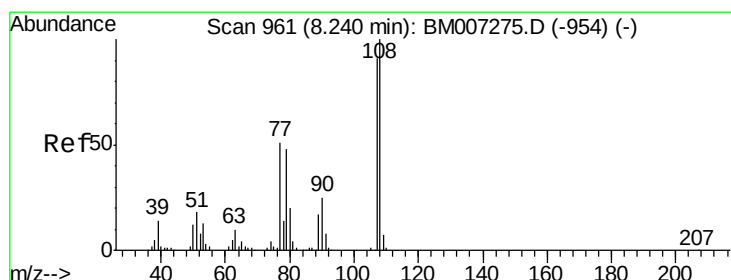
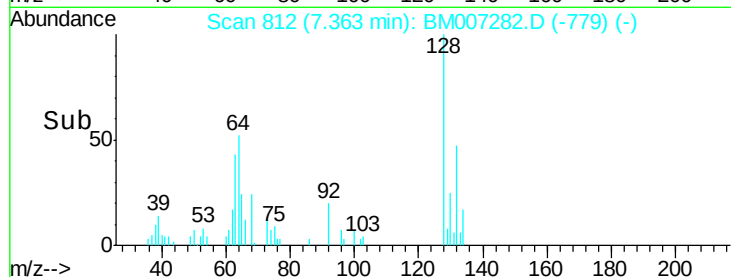
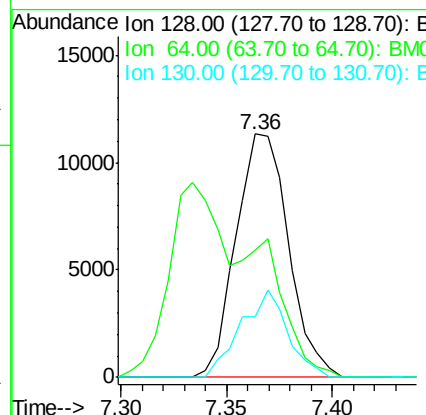
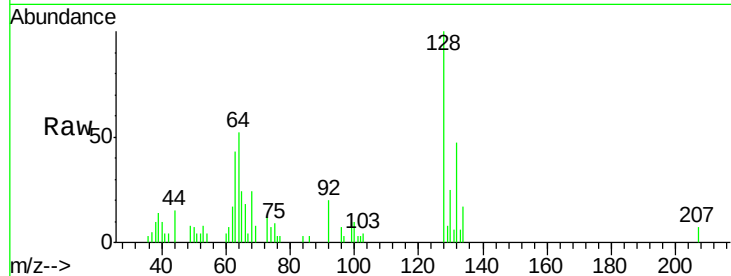
#10
 2-Chlorophenol
 Concen: 2.46 ng/ul
 RT: 7.36 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Instrument :
 BNA_M
 ClientSampled :
 MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	19542		
64	52.3	37.5	56.3	
130	24.9	25.0	37.4	

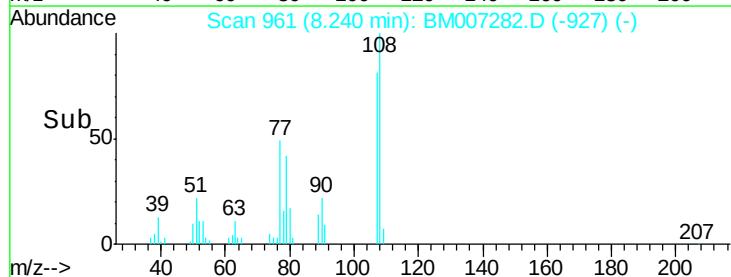
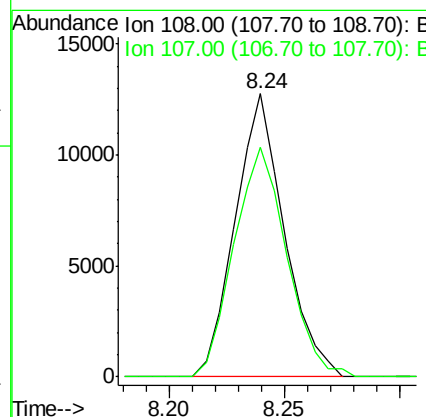
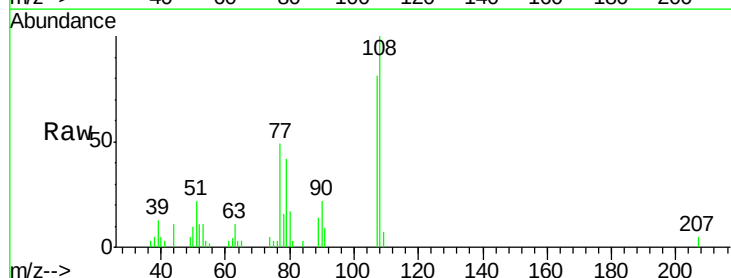
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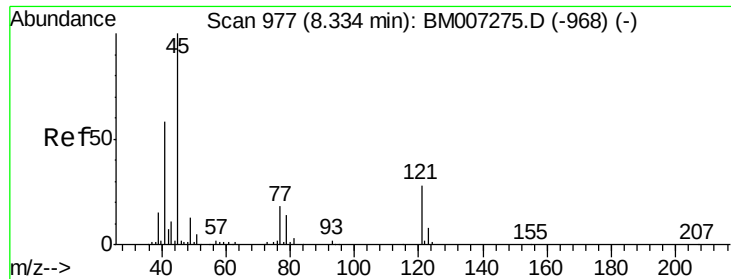
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#11
 2-Methylphenol
 Concen: 2.22 ng/ul
 RT: 8.24 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	18889		
107	81.3	71.8	107.6	





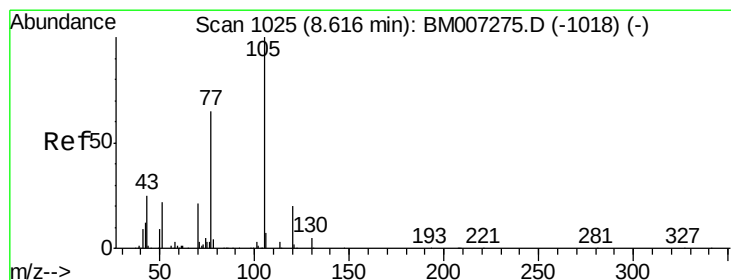
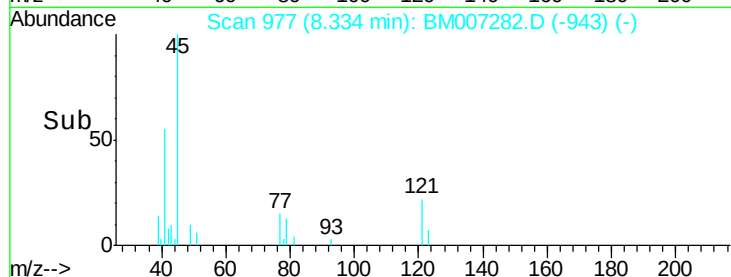
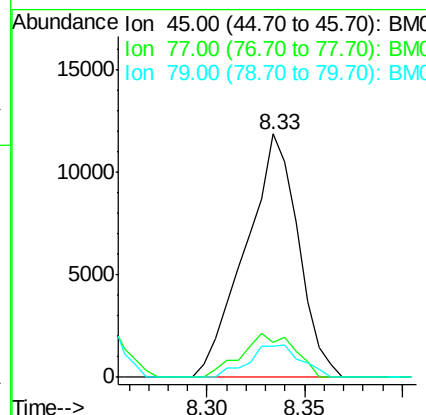
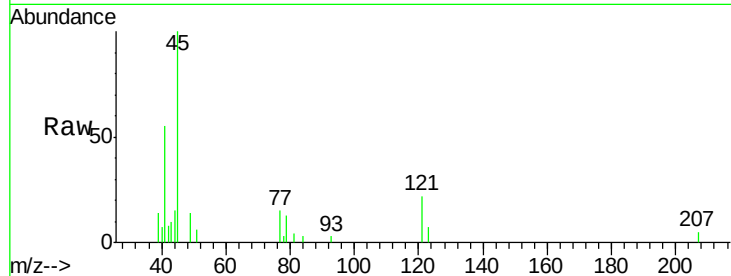
#12
 2,2'-oxybis(1-chloropropane)
 Concen: 2.61 ng/ul
 RT: 8.33 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Instrument :
 BNA_M
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	14.1	21.1
79	12.8	10.4	15.6

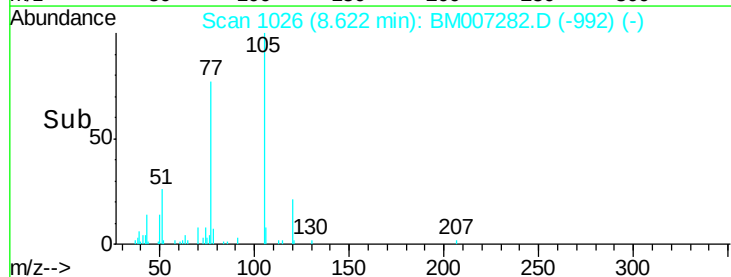
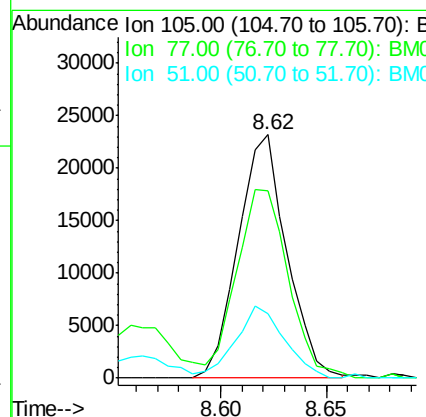
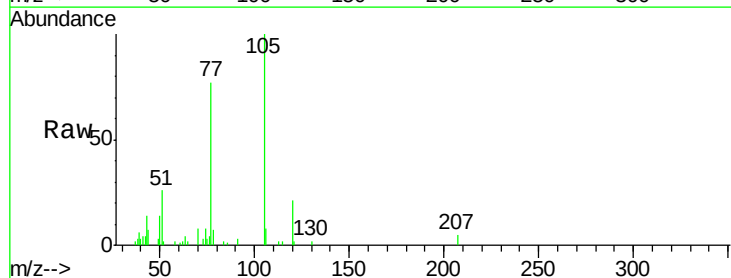
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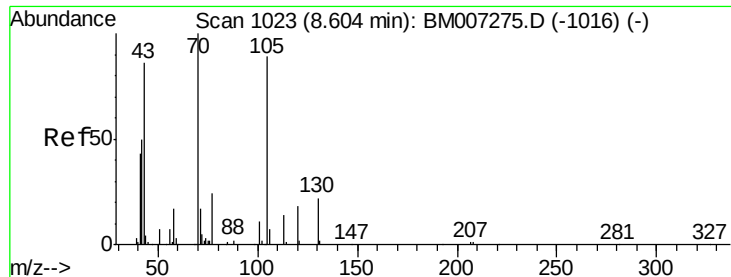
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#14
 Acetophenone
 Concen: 2.64 ng/ul
 RT: 8.62 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Lower	Upper
105	100		
77	77.2	65.9	98.9
51	26.3	22.2	33.2





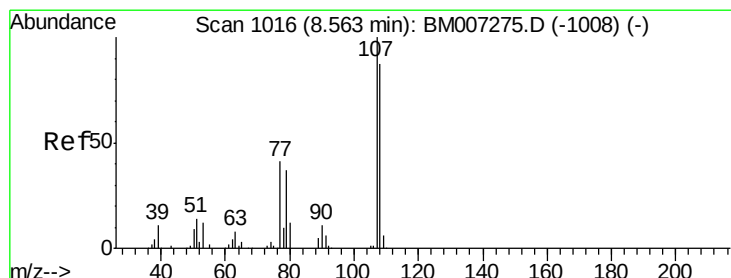
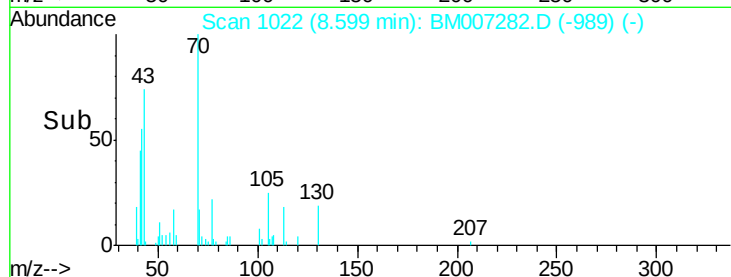
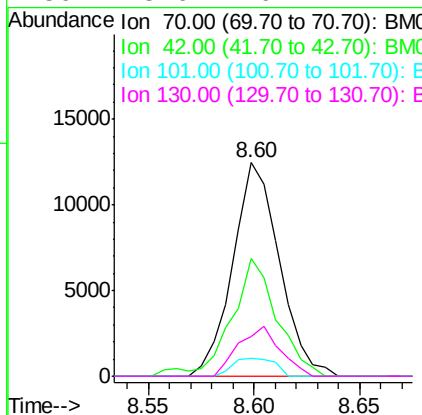
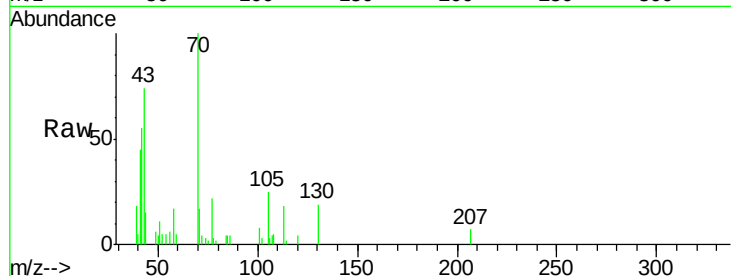
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N-Nitroso-di-n-propylamine
Concen: 2.56 ng/ul
RT: 8.60 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.9	43.4	65.2	
101	8.5	7.8	11.6	
130	18.6	16.2	24.4	

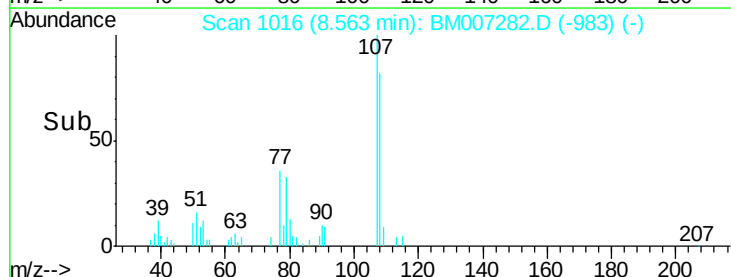
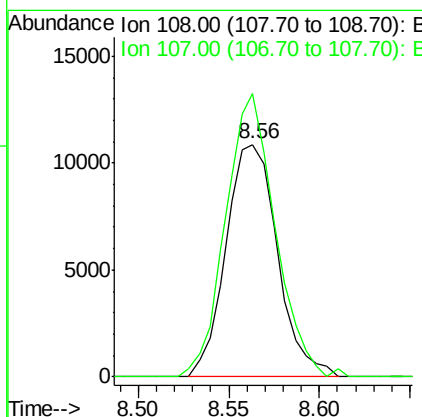
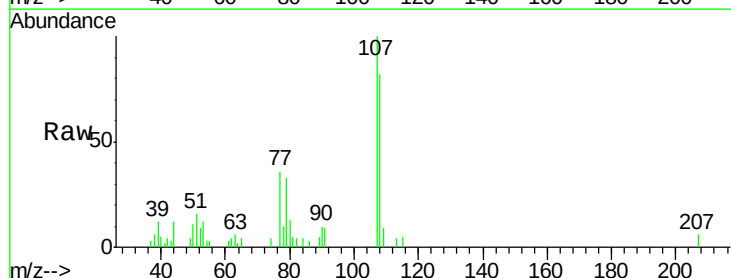
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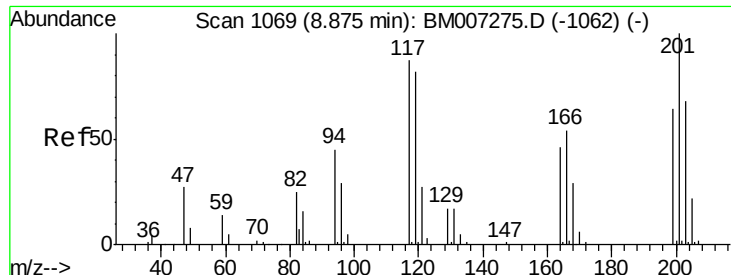
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#16
4-Methylphenol
Concen: 2.25 ng/ul
RT: 8.56 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	121.6	87.8	131.8	





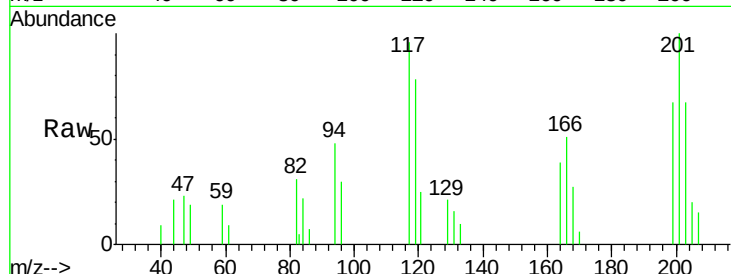
#17
Hexachloroethane
Concen: 2.60 ng/ul
RT: 8.87 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Instrument :
BNA_M
ClientSampled :
MDL-07-W

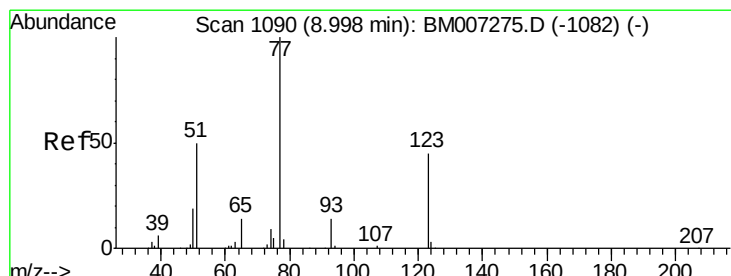
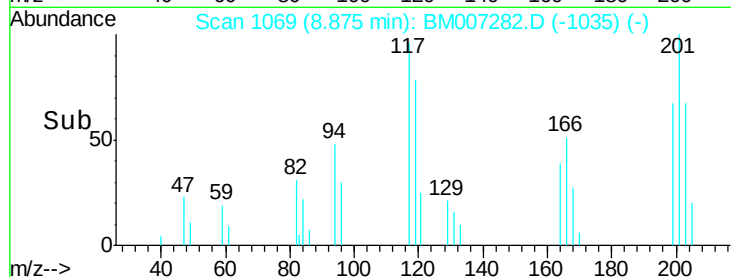
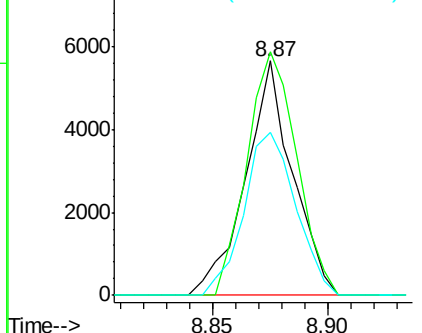
Tgt Ion:	117	Resp:	8026
Ion Ratio	Lower	Upper	
117	100		
201	103.8	90.3	135.5
199	69.6	58.5	87.7

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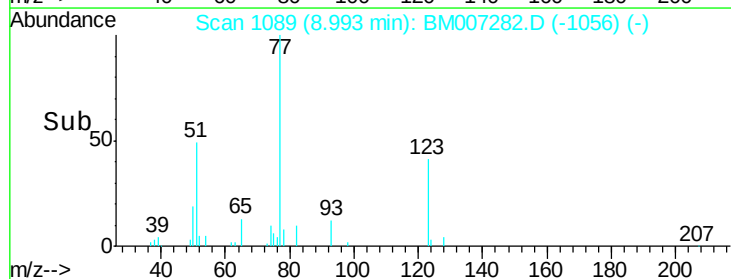
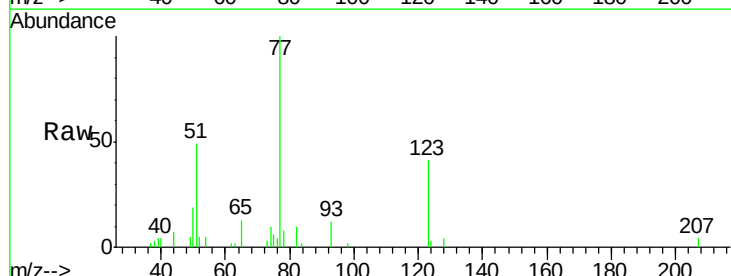
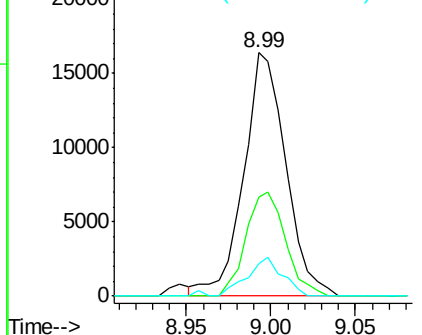
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

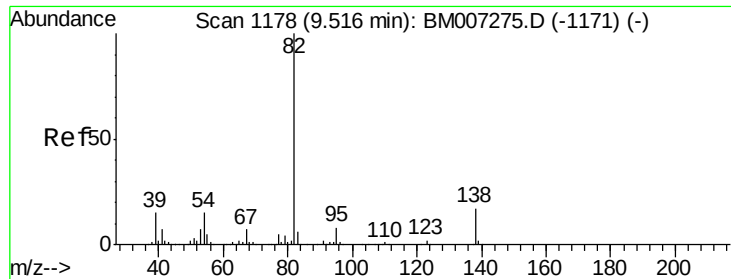


#20
Nitrobenzene
Concen: 2.82 ng/ul
RT: 8.99 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Tgt Ion:	77	Resp:	28494
Ion Ratio	Lower	Upper	
77	100		
123	40.9	34.2	51.4
65	13.3	11.0	16.6

Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM





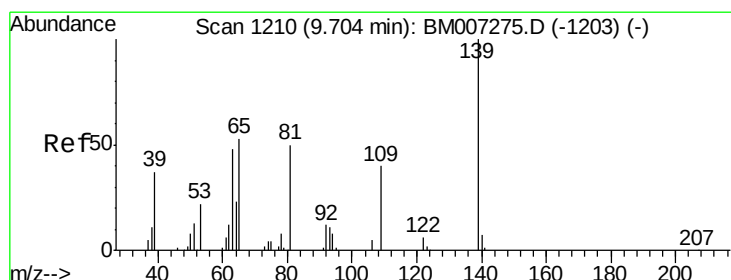
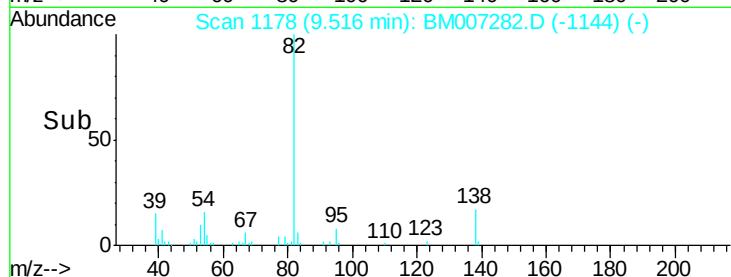
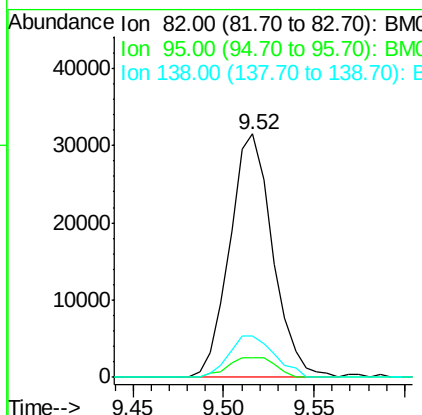
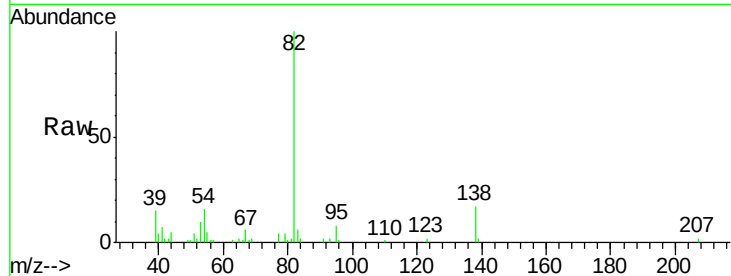
#21
Isophorone
Concen: 2.52 ng/ul
RT: 9.52 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	8.0	6.9	10.3
138	17.0	13.8	20.8

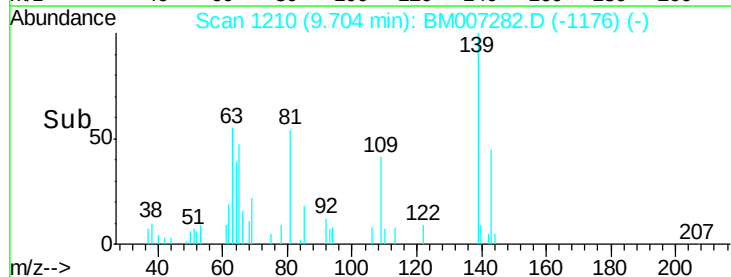
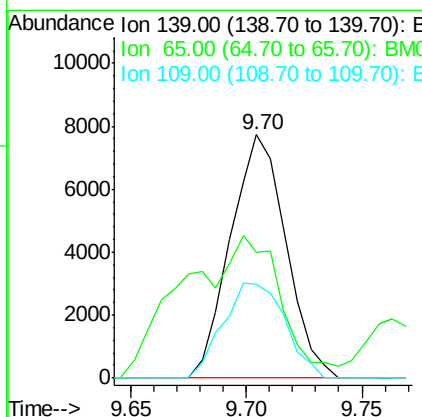
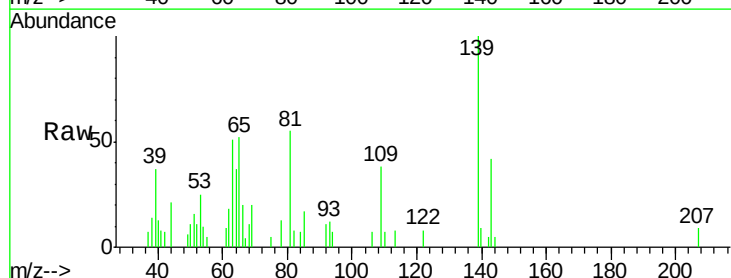
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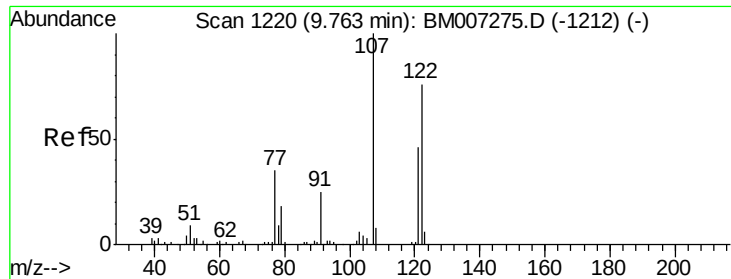
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#23
2-Nitrophenol
Concen: 2.58 ng/ul
RT: 9.70 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
65	51.6	44.2	66.4
109	38.4	28.2	42.4





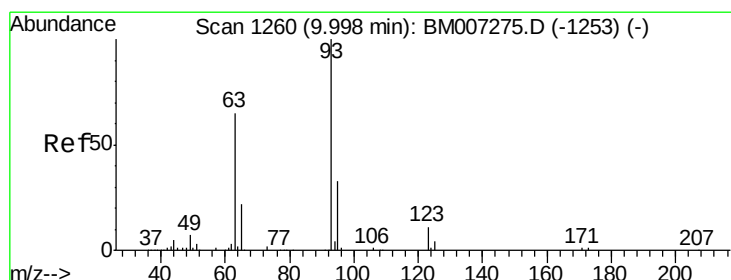
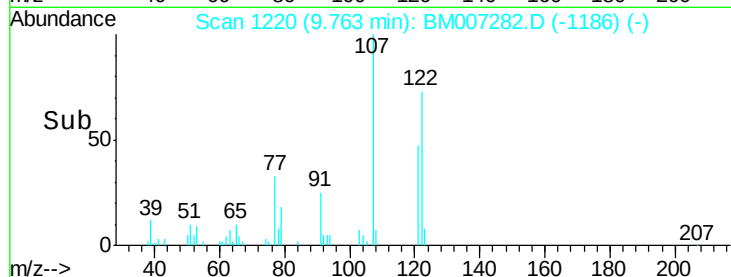
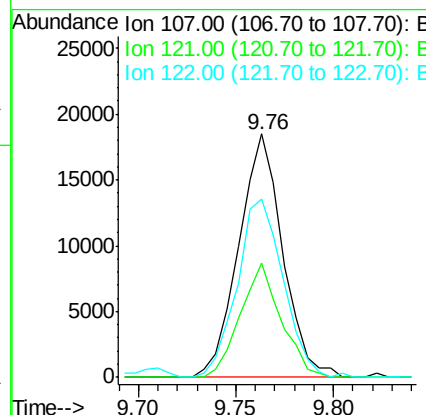
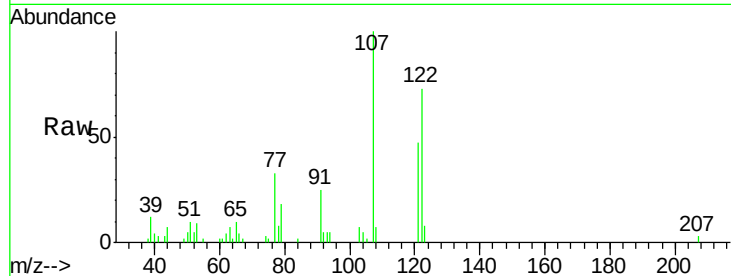
#24
 2,4-Dimethylphenol
 Concen: 2.61 ng/ul
 RT: 9.76 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Instrument :
 BNA_M
 ClientSampled :
 MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	28795		
121	46.9	37.1	55.7	
122	73.1	62.8	94.2	

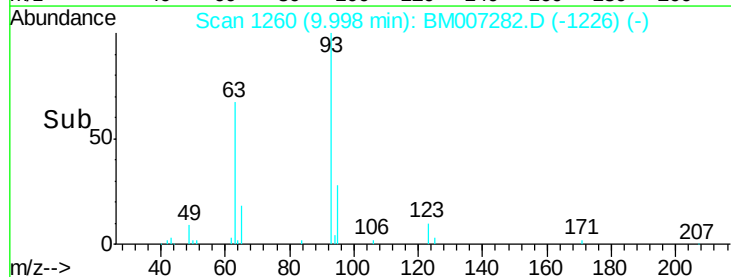
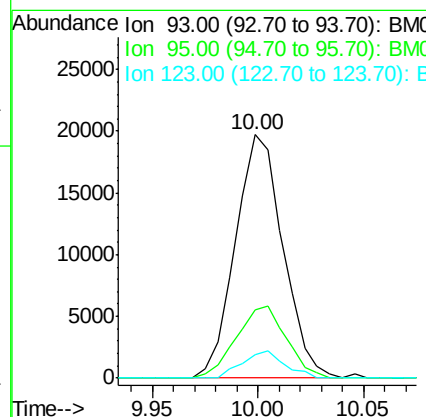
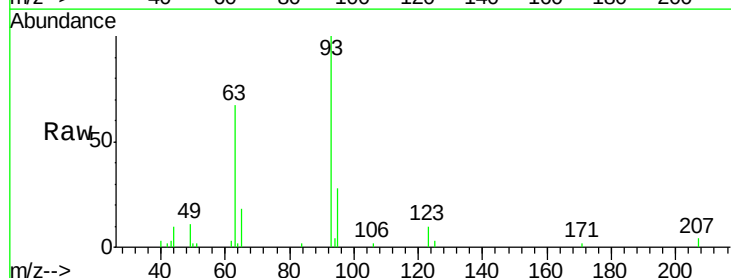
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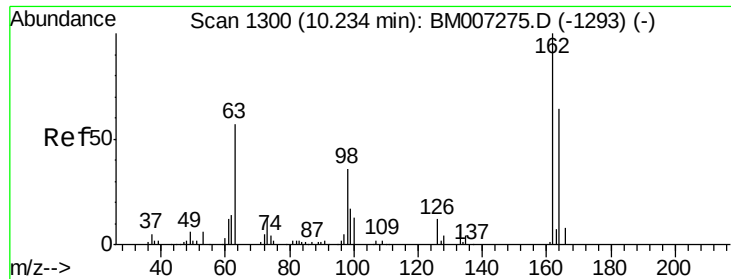
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.66 ng/ul
 RT: 10.00 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	30865		
95	28.1	25.4	38.0	
123	9.9	8.3	12.5	





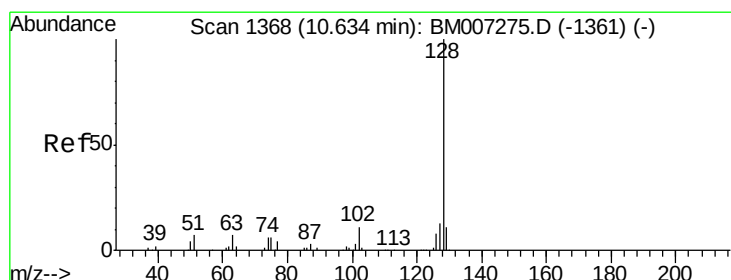
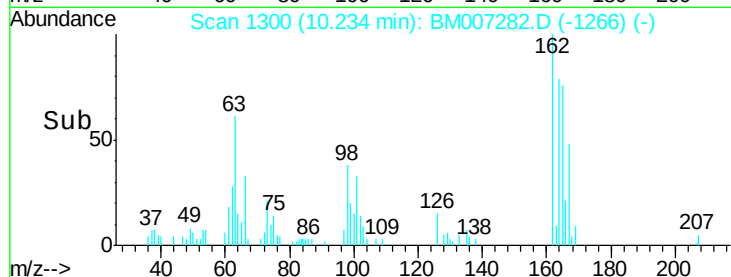
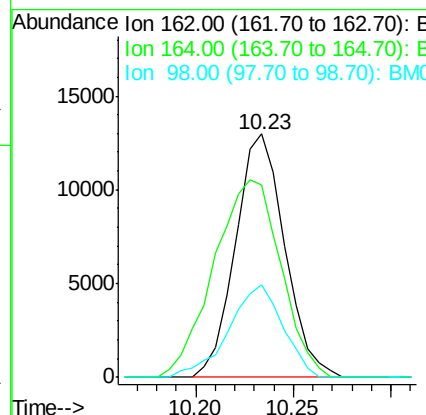
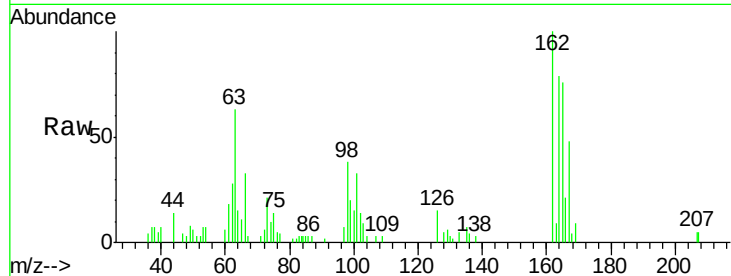
#27
 2,4-Dichlorophenol
 Concen: 2.49 ng/ul
 RT: 10.23 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Instrument :
 BNA_M
 ClientSampled :
 MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	22648		
164	79.2	51.6	77.4#	
98	38.2	28.4	42.6	

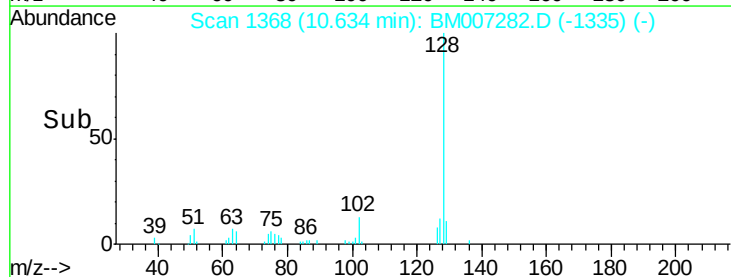
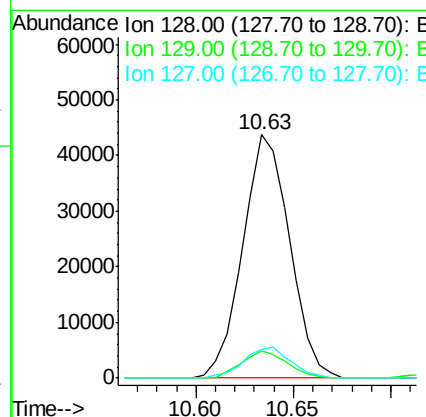
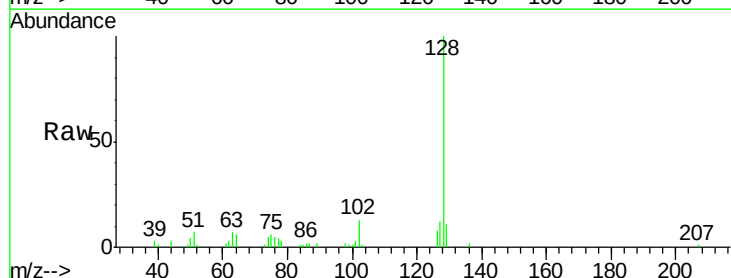
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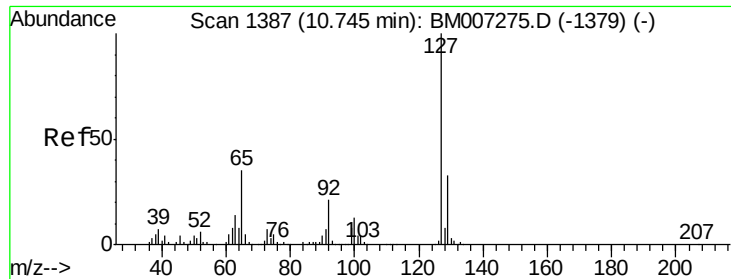
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#28
 Naphthalene
 Concen: 2.73 ng/ul
 RT: 10.63 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	72855		
129	11.0	8.6	12.8	
127	11.7	10.6	15.8	





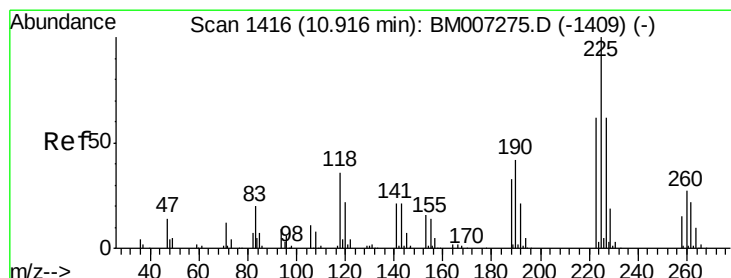
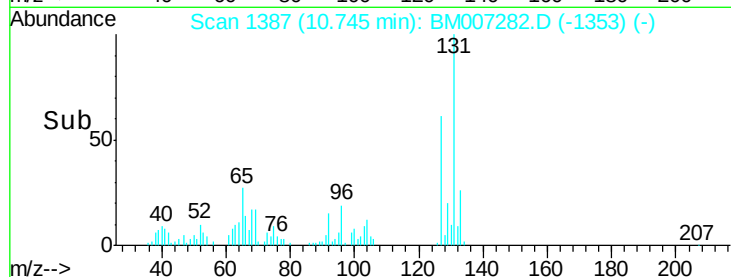
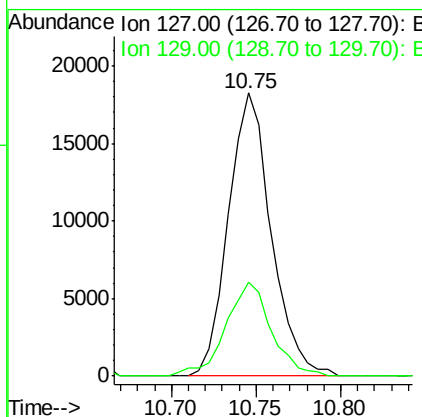
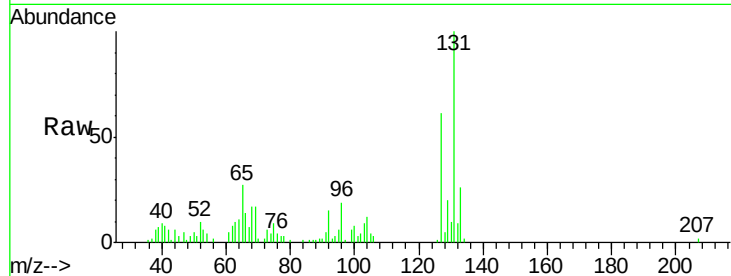
#30
4-Chloroaniline
Concen: 2.74 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Tgt Ion:127 Resp: 32210
Ion Ratio Lower Upper
127 100
129 33.3 24.6 37.0

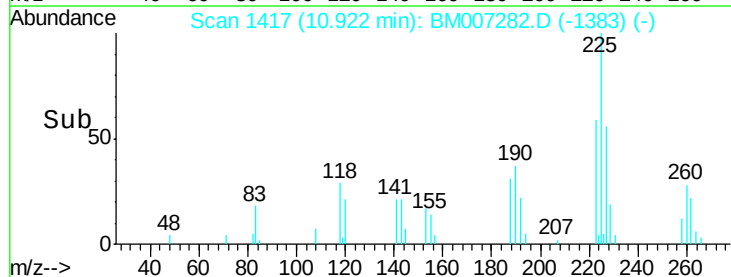
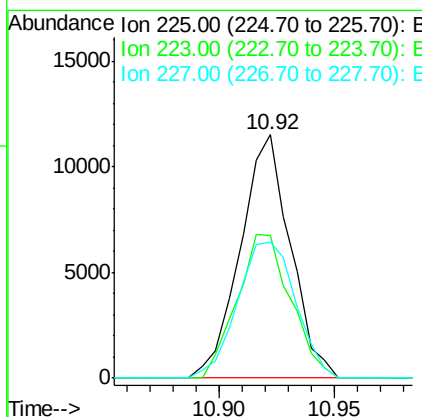
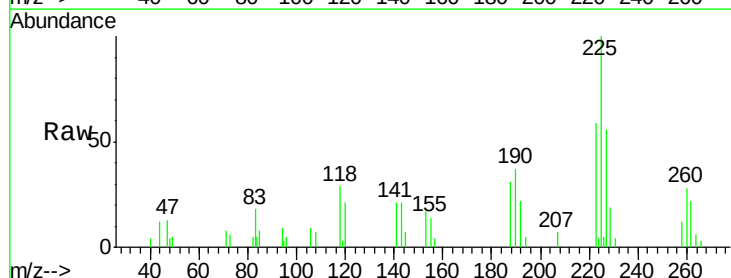
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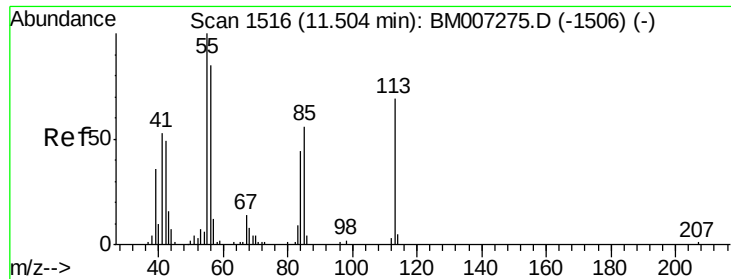
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#31
Hexachlorobutadiene
Concen: 2.83 ng/ul
RT: 10.92 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Tgt Ion:225 Resp: 17380
Ion Ratio Lower Upper
225 100
223 58.6 51.2 76.8
227 56.0 52.5 78.7





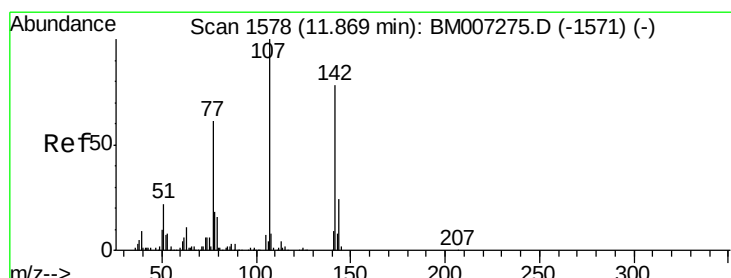
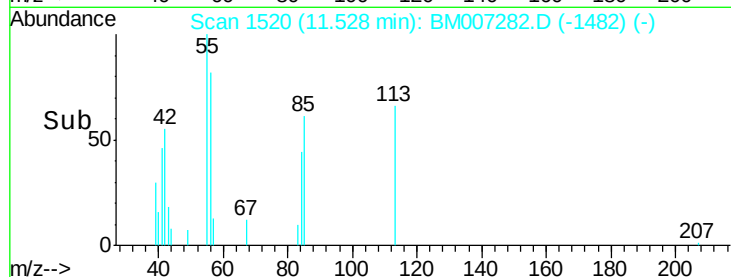
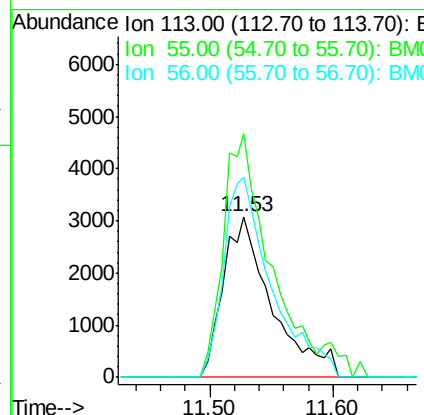
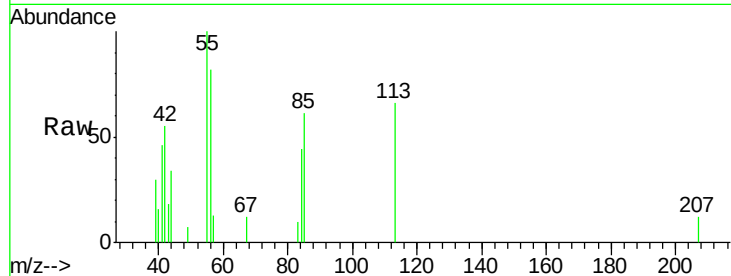
#32
 Caprolactam
 Concen: 2.29 ng/ul m
 RT: 11.53 min Scan# 1520
 Delta R.T. 0.02 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	8392		
55	151.5	121.9	182.9	
56	124.7	97.4	146.0	

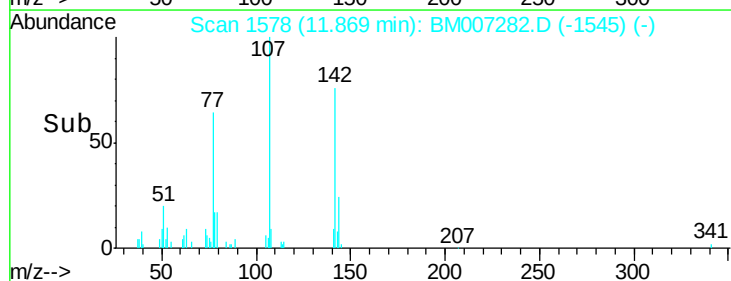
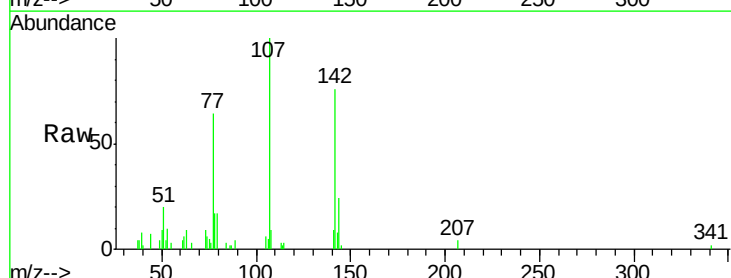
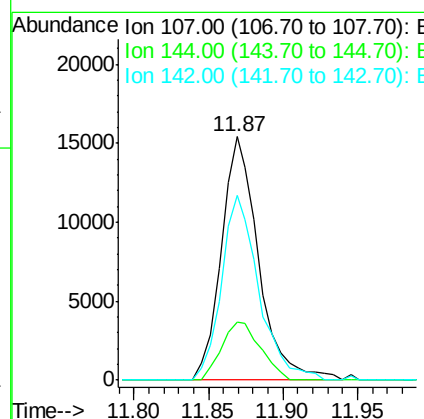
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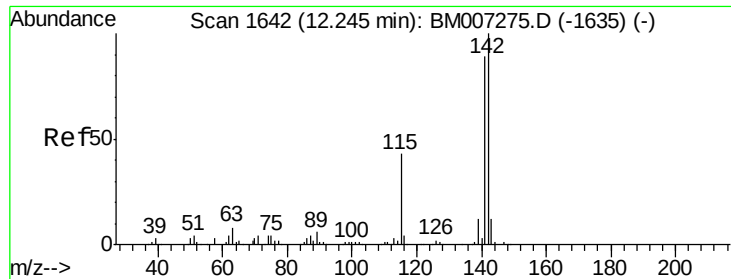
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#33
 4-Chloro-3-methylphenol
 Concen: 2.39 ng/ul
 RT: 11.87 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	26896		
144	23.6	21.1	31.7	
142	76.0	64.1	96.1	





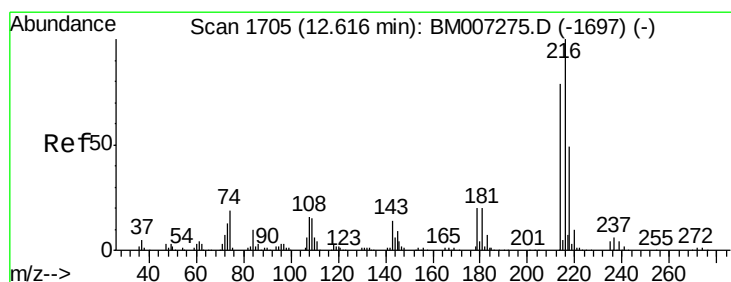
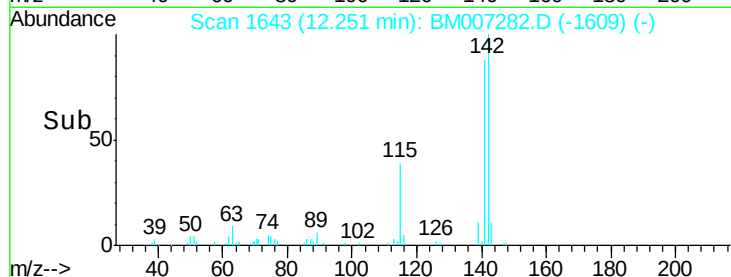
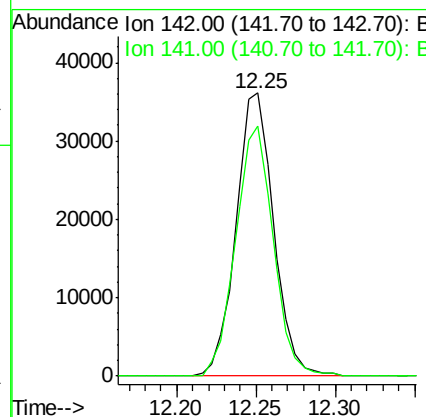
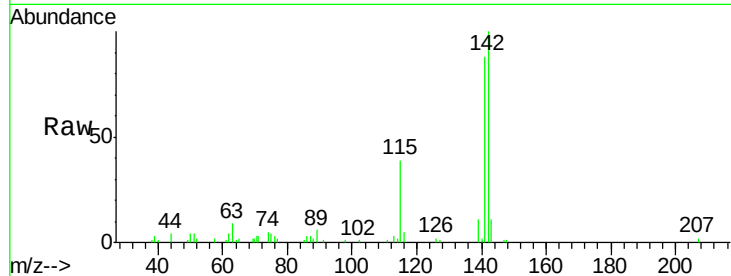
#34
 2-Methylnaphthalene
 Concen: 2.72 ng/ul
 RT: 12.25 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

Tgt Ion:142 Resp: 59479
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.3 106.9

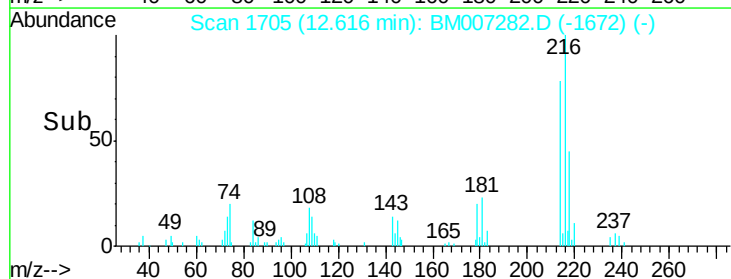
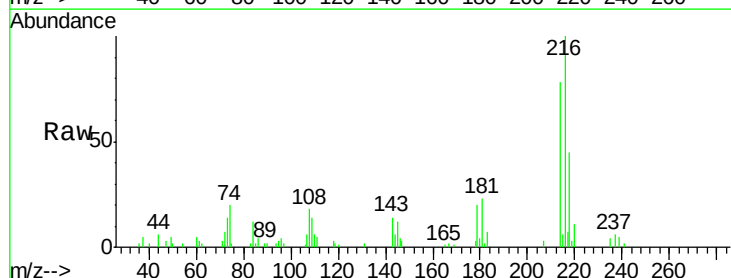
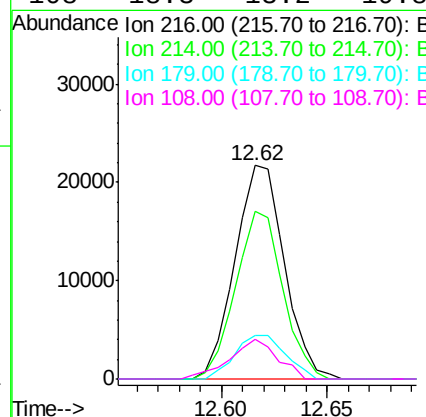
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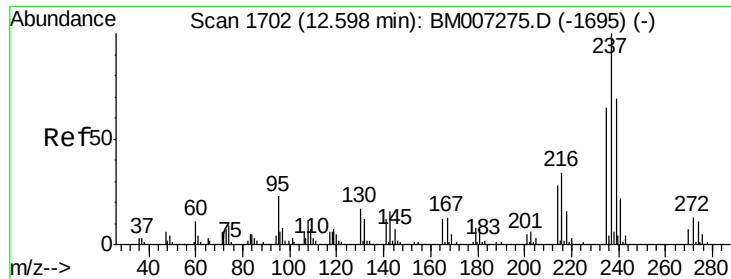
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.60 ng/ul
 RT: 12.62 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Tgt Ion:216 Resp: 35100
 Ion Ratio Lower Upper
 216 100
 214 78.5 64.8 97.2
 179 20.4 16.7 25.1
 108 18.3 13.2 19.8





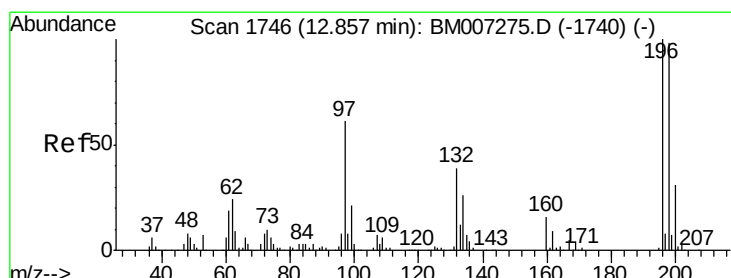
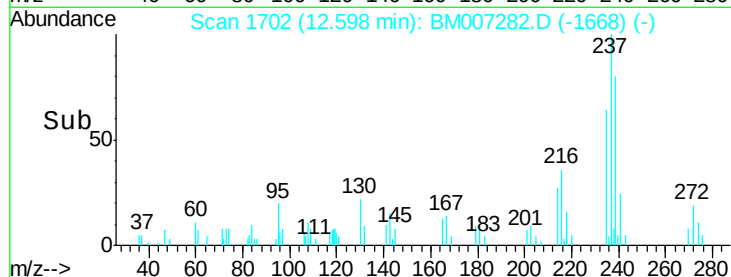
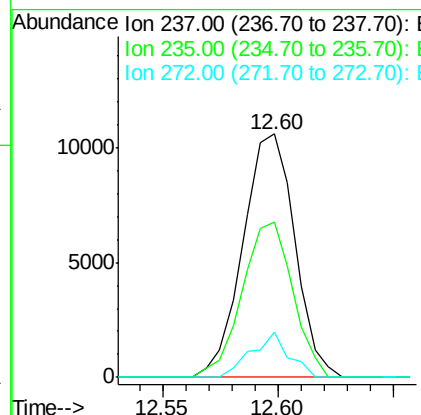
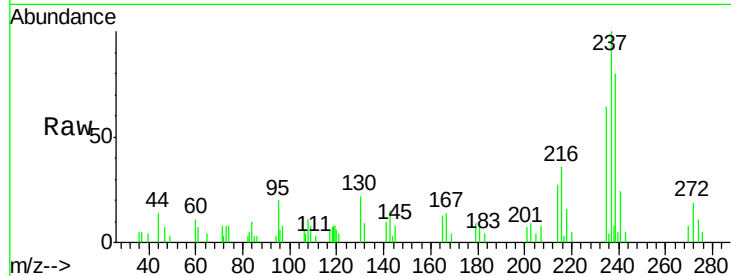
#37
Hexachlorocyclopentadiene
Concen: 2.04 ng/ul
RT: 12.60 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Instrument :
BNA_M
ClientSampled :
MDL-07-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.0	49.6	74.4
272	18.6	10.4	15.6

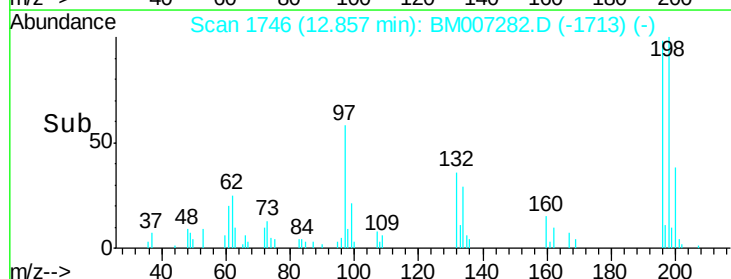
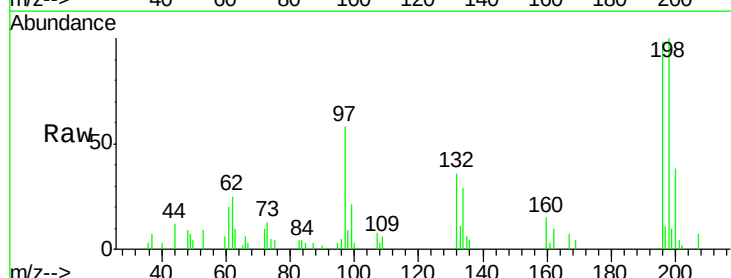
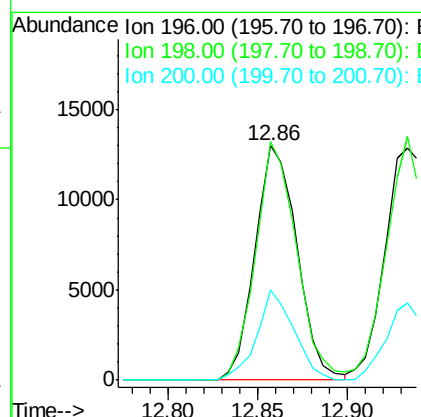
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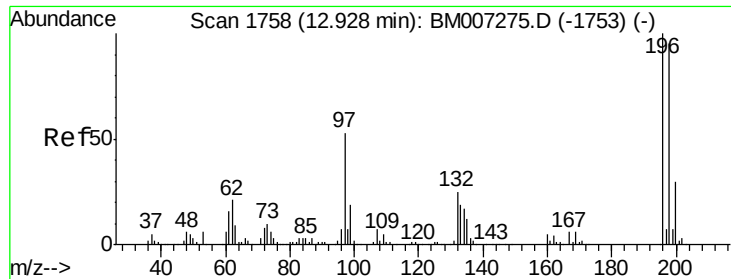
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#38
2,4,6-Trichlorophenol
Concen: 2.22 ng/ul m
RT: 12.86 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	101.7	76.9	115.3
200	38.3	25.1	37.7





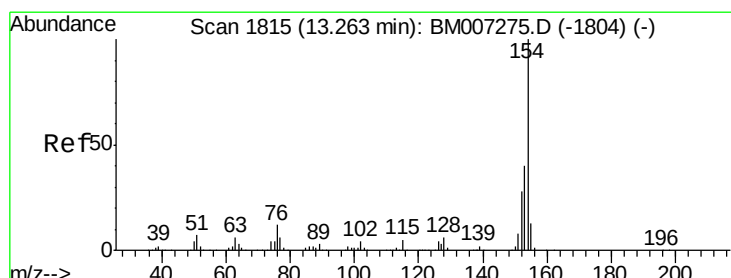
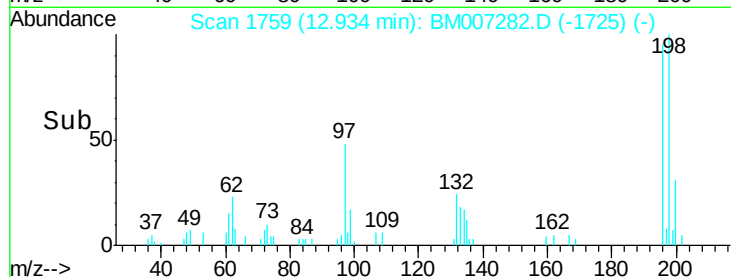
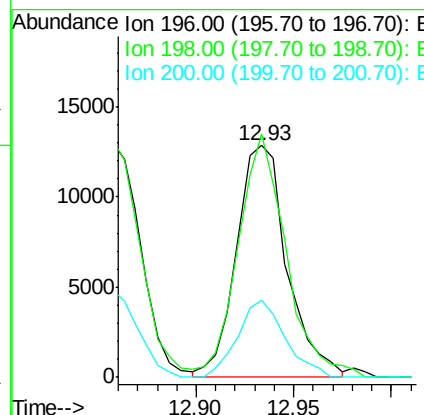
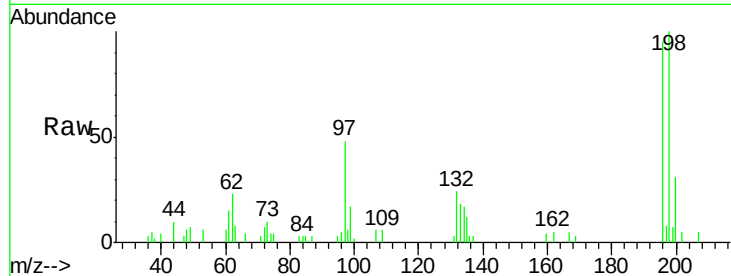
#39
 2,4,5-Trichlorophenol
 Concen: 2.33 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Instrument :
 BNA_M
 ClientSampled :
 MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	23154		
198	105.0	76.8	115.2	
200	33.0	27.0	40.4	

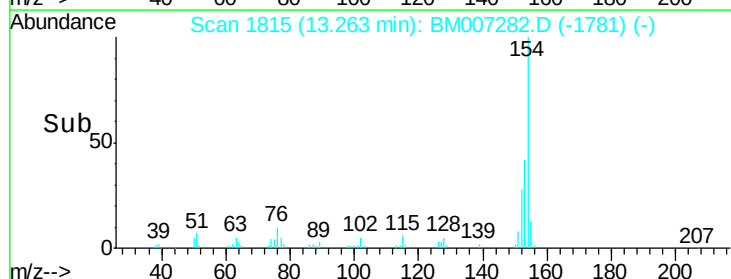
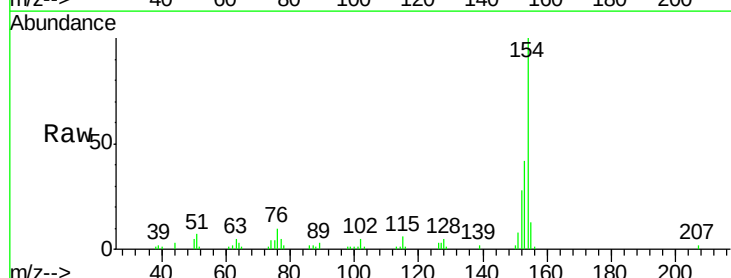
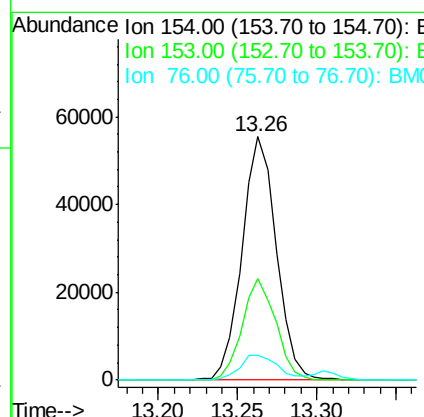
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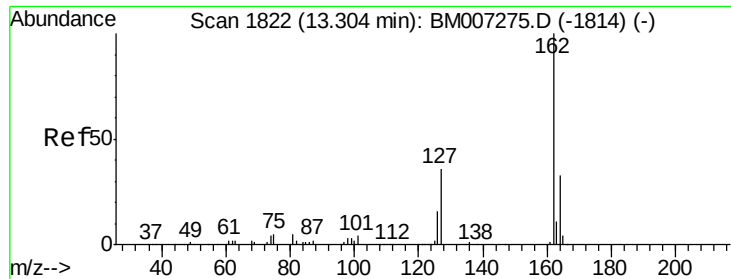
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#40
 1,1'-Biphenyl
 Concen: 2.66 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	83493		
153	41.6	31.3	46.9	
76	10.2	10.0	15.0	





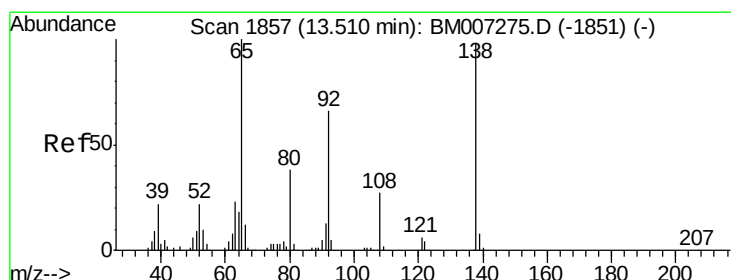
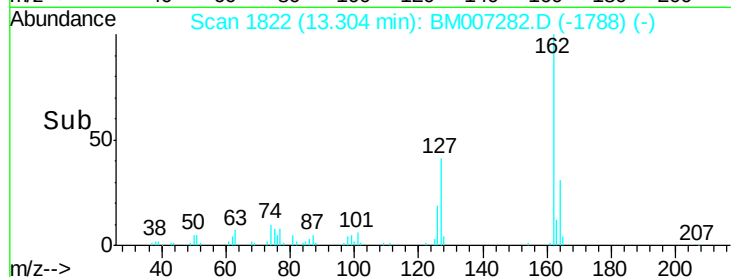
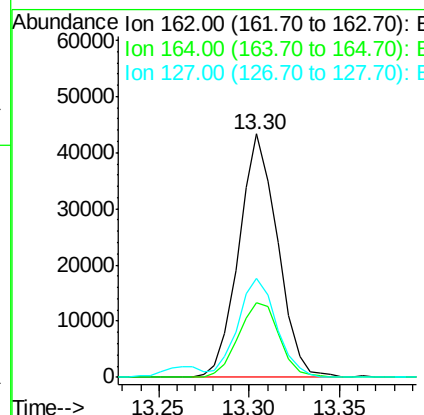
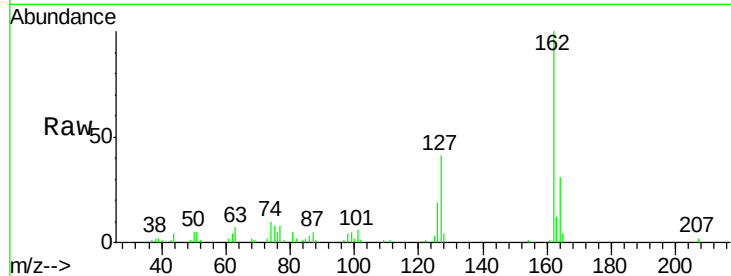
#41
2-Chloronaphthalene
Concen: 2.62 ng/ul
RT: 13.30 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Instrument :
BNA_M
ClientSampled :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
162	100		
164	30.6	26.9	40.3
127	40.7	31.2	46.8

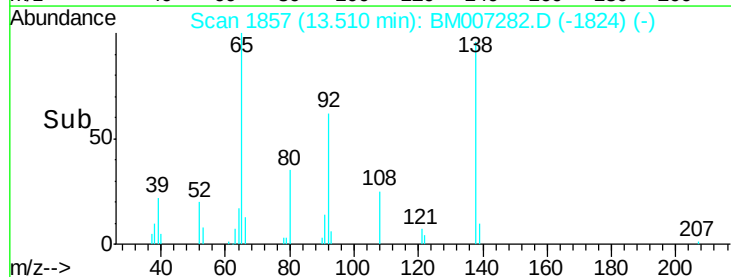
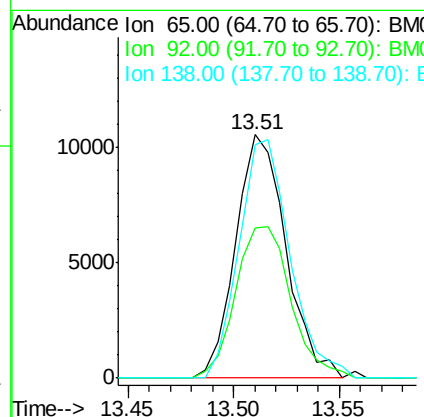
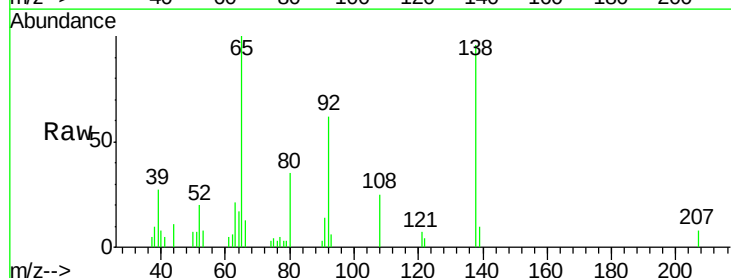
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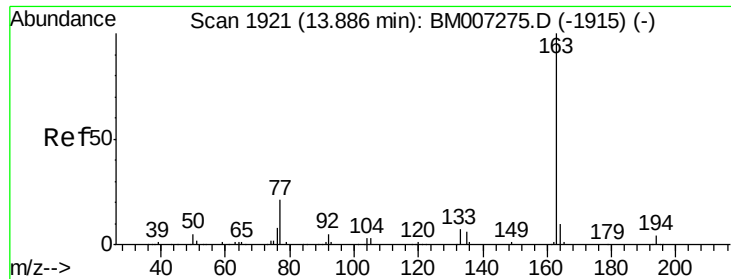
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#42
2-Nitroaniline
Concen: 2.17 ng/ul
RT: 13.51 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.6	55.6	83.4
138	96.0	81.3	121.9





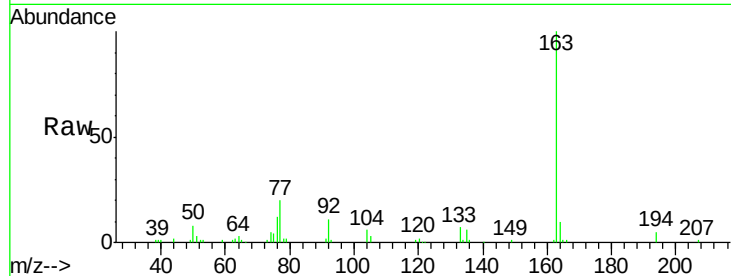
#44
Dimethylphthalate
Concen: 2.91 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Instrument :
BNA_M
ClientSampled :
MDL-07-W

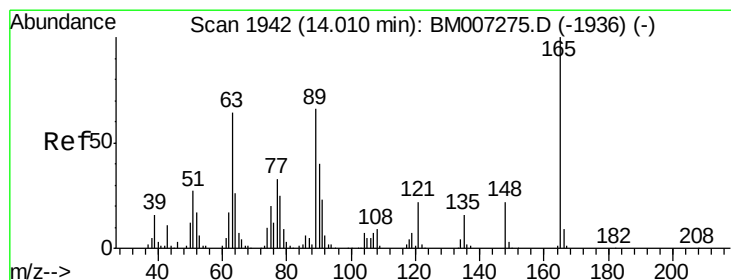
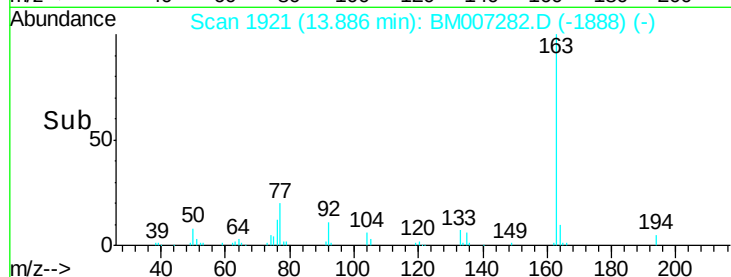
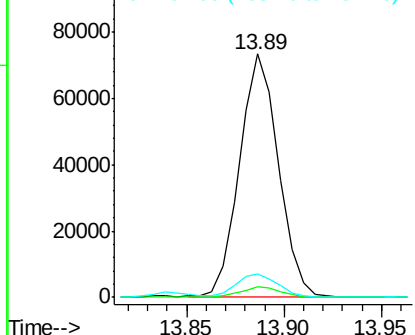
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.6	3.4	5.2
164	9.7	7.8	11.8

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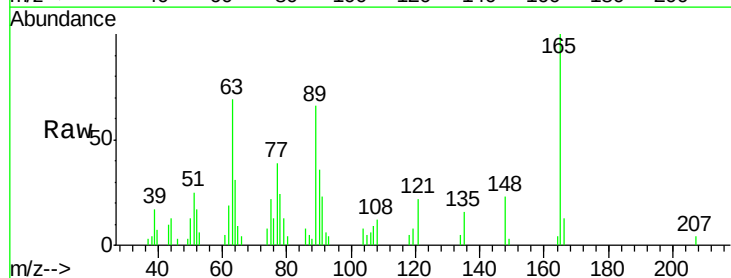


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

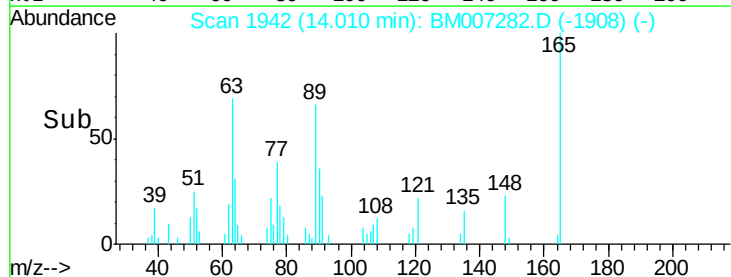
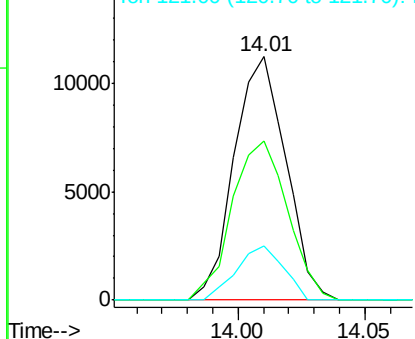


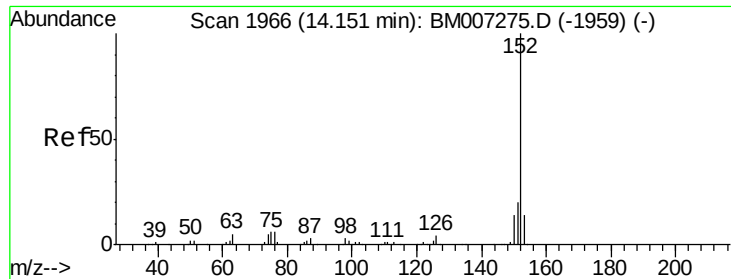
#45
2,6-Dinitrotoluene
Concen: 2.25 ng/ul
RT: 14.01 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
89	65.6	46.6	69.8
121	22.4	16.0	24.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E





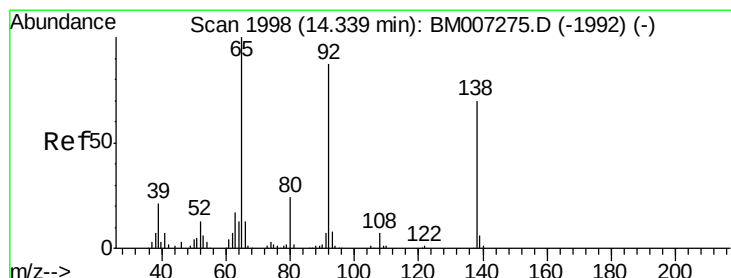
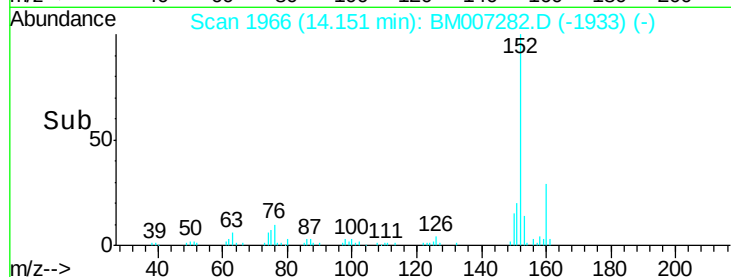
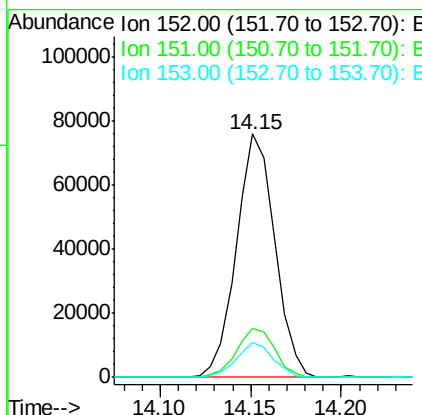
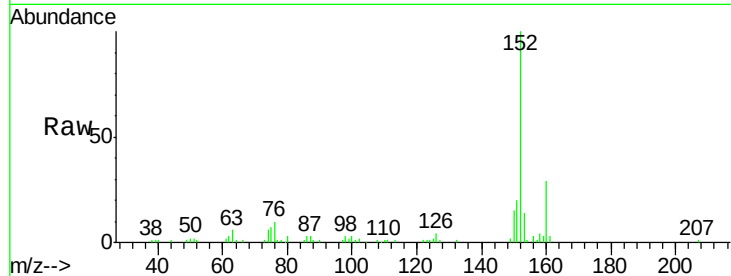
#47
Acenaphthylene
Concen: 2.69 ng/ul
RT: 14.15 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Instrument :
BNA_M
ClientSampled :
MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	111919		
151	20.3		16.0	24.0
153	14.1		11.0	16.6

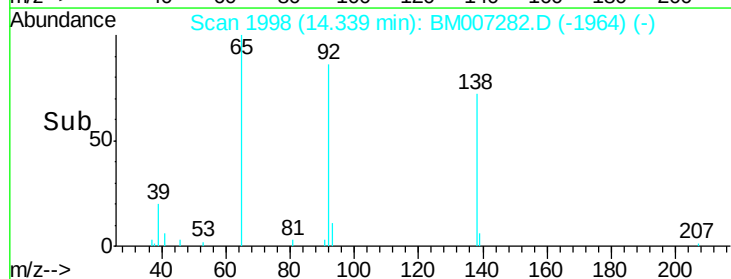
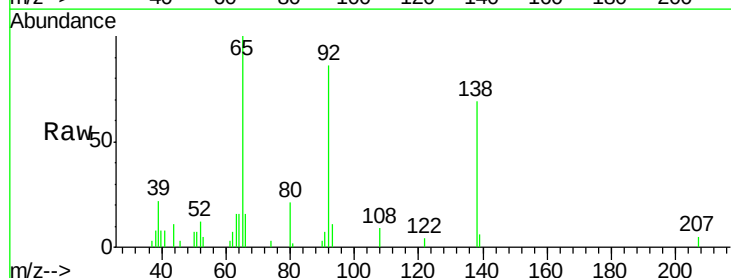
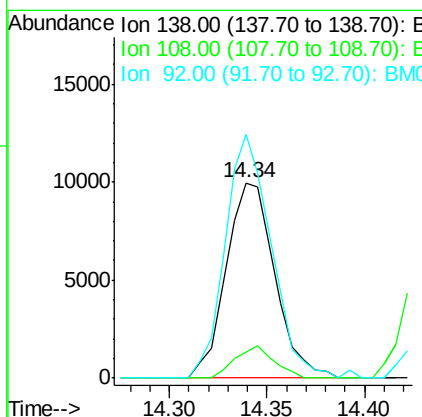
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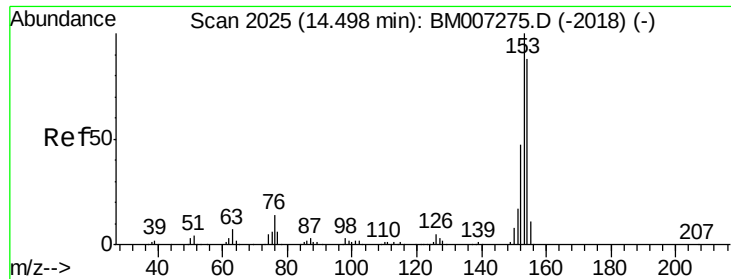
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#48
3-Nitroaniline
Concen: 2.37 ng/ul
RT: 14.34 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	17243		
108	13.0		9.4	14.0
92	124.7		96.6	145.0





#49

Acenaphthene

Concen: 2.71 ng/ul

RT: 14.49 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BM007282.D

Acq: 24 Aug 2016 17:58

Instrument :

BNA_M

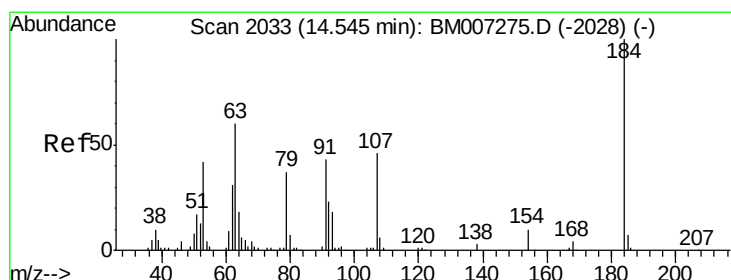
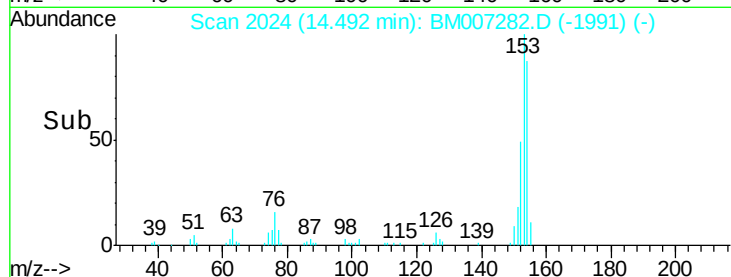
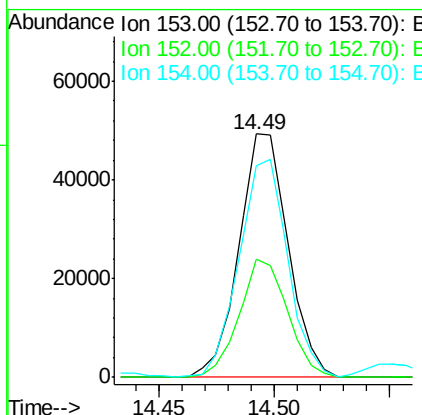
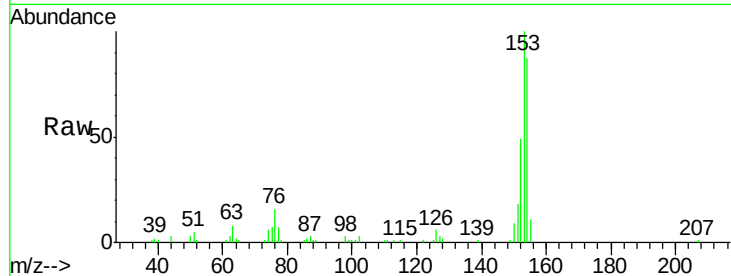
ClientSampled :

MDL-07-W

Tgt Ion:	153	Resp:	73403
Ion Ratio	Lower	Upper	
153	100		
152	48.8	37.8	56.6
154	87.2	71.4	107.0

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#50

2,4-Dinitrophenol

Concen: 1.51 ng/ul

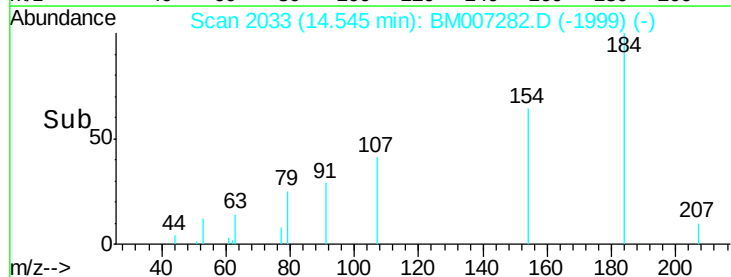
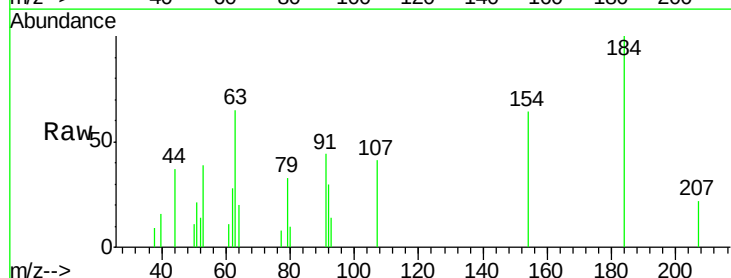
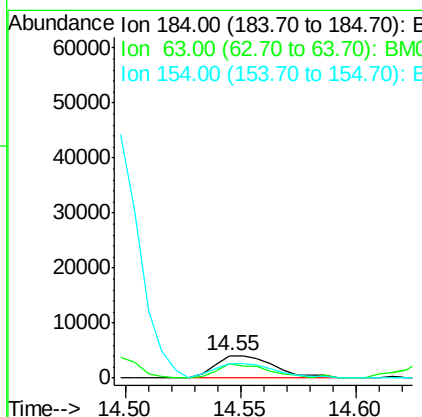
RT: 14.55 min Scan# 2033

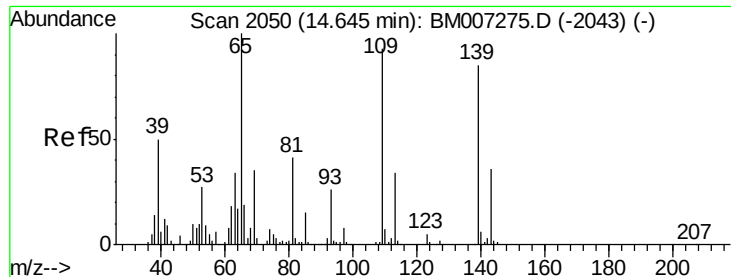
Delta R.T. 0.00 min

Lab File: BM007282.D

Acq: 24 Aug 2016 17:58

Tgt Ion:	184	Resp:	7283
Ion Ratio	Lower	Upper	
184	100		
63	65.3	43.4	65.0#
154	64.2	48.2	72.4





#52

4-Nitrophenol

Concen: 2.91 ng/ul

RT: 14.64 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BM007282.D

Acq: 24 Aug 2016 17:58

Instrument :

BNA_M

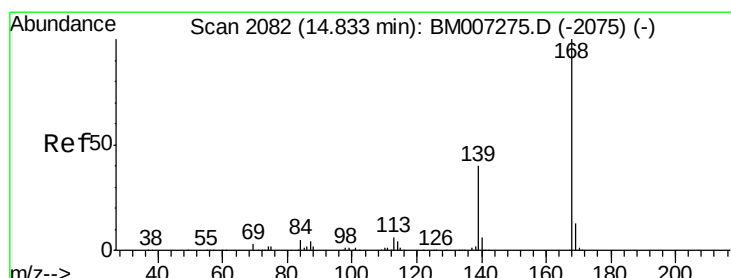
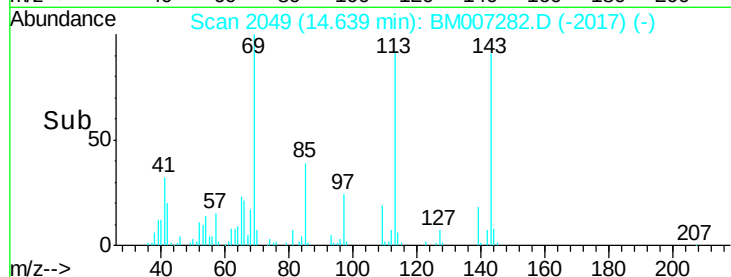
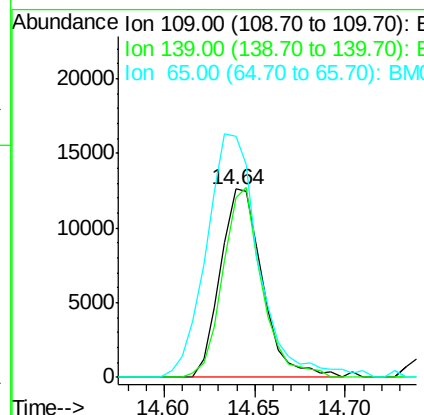
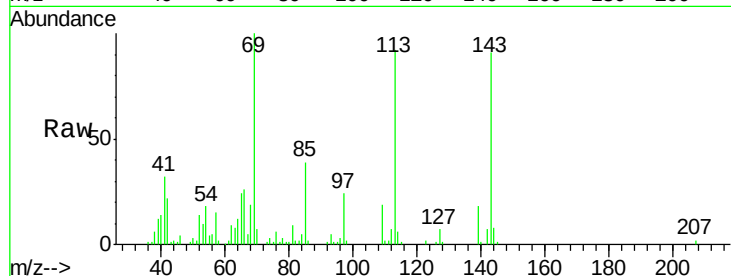
ClientSampleId :

MDL-07-W

Tgt Ion:	109	Resp:	20451
Ion Ratio	Lower	Upper	
109	100		
139	95.1	88.7	133.1
65	128.2	96.4	144.6

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#53

Dibenzofuran

Concen: 2.76 ng/ul

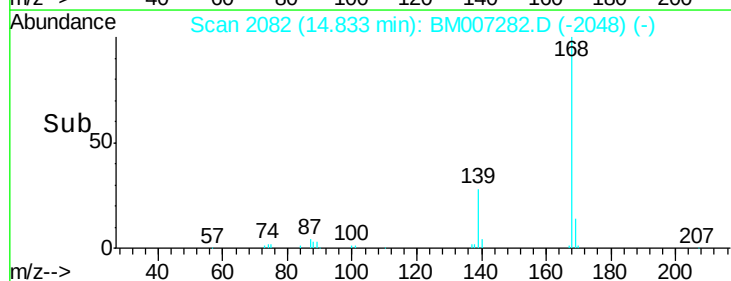
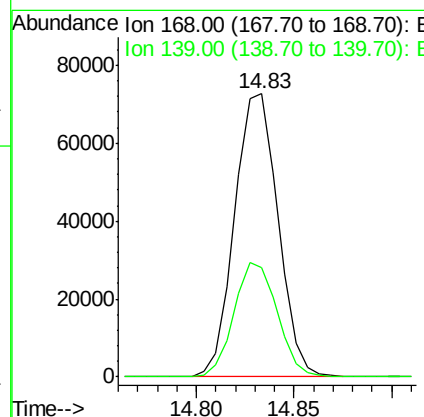
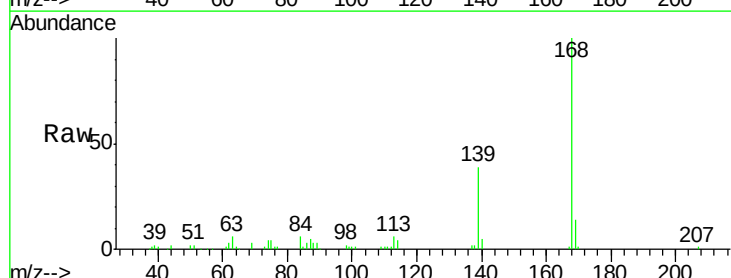
RT: 14.83 min Scan# 2082

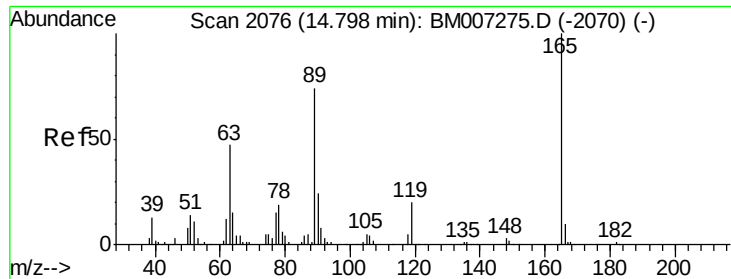
Delta R.T. 0.00 min

Lab File: BM007282.D

Acq: 24 Aug 2016 17:58

Tgt Ion:	168	Resp:	112119
Ion Ratio	Lower	Upper	
168	100		
139	38.8	30.1	45.1





#54

2,4-Dinitrotoluene

Concen: 2.52 ng/ul

RT: 14.80 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BM007282.D

Acq: 24 Aug 2016 17:58

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

Tgt Ion:165 Resp: 27490
Ion Ratio Lower Upper

165 100

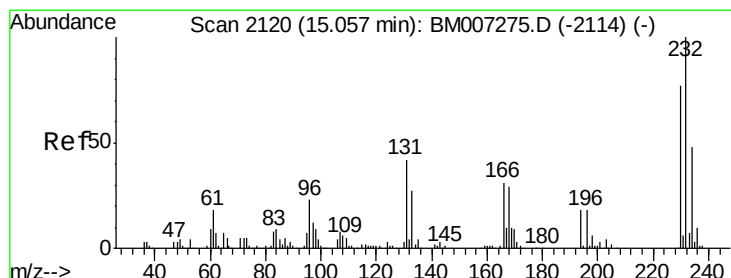
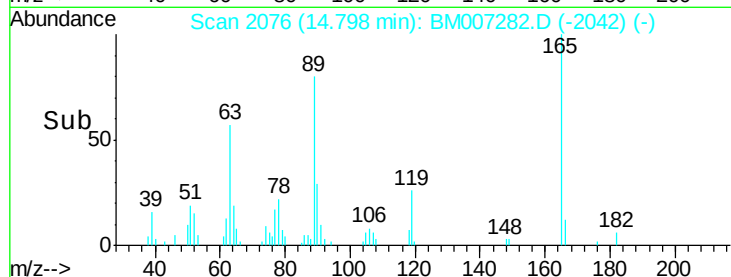
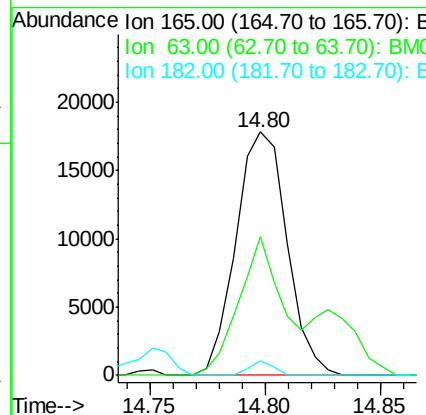
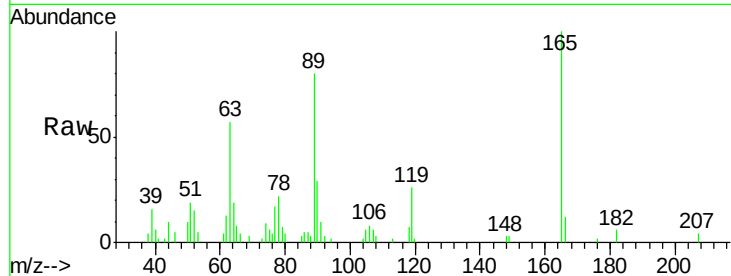
63 56.7 36.2 54.2#

182 5.9 2.2 3.4#

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#55

2,3,4,6-Tetrachlorophenol

Concen: 2.42 ng/ul

RT: 15.06 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BM007282.D

Acq: 24 Aug 2016 17:58

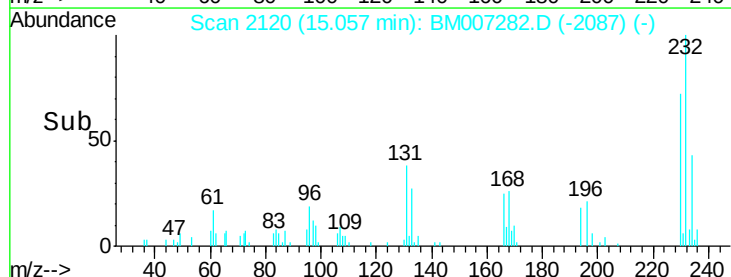
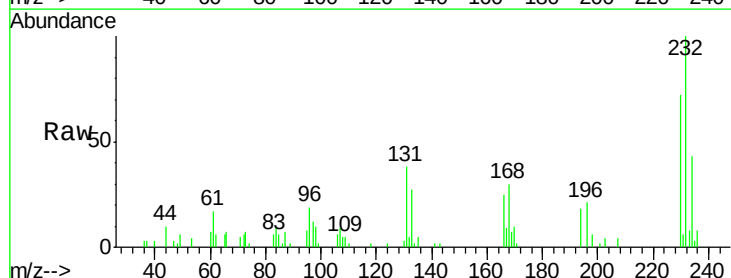
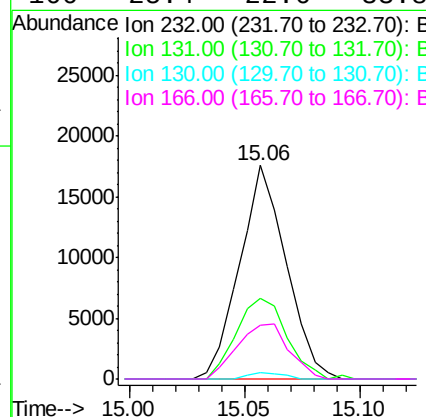
Tgt Ion:232 Resp: 24677
Ion Ratio Lower Upper

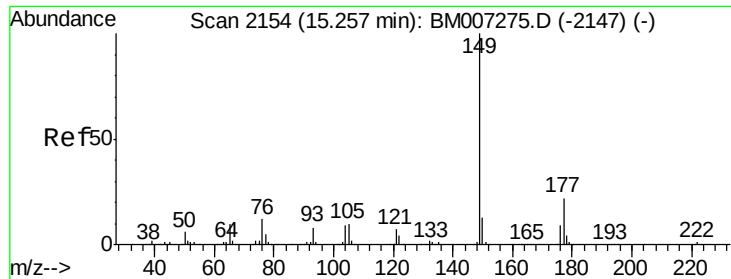
232 100

131 37.9 31.4 47.0

130 3.1 1.6 2.4#

166 25.4 22.6 33.8





#56

Diethylphthalate

Concen: 2.78 ng/ul

RT: 15.25 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM007282.D

Acq: 24 Aug 2016 17:58

Instrument :

BNA_M

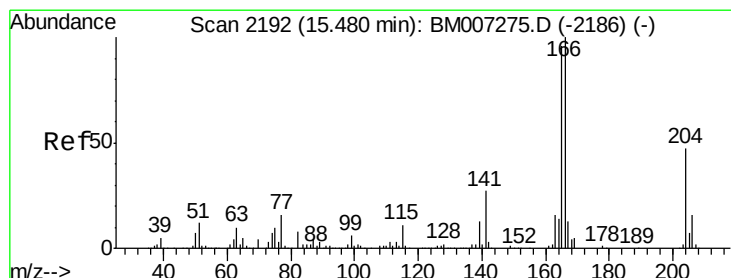
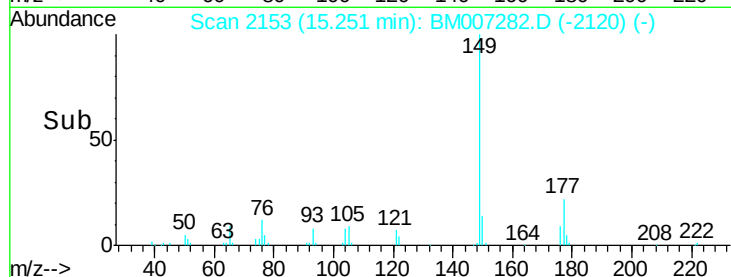
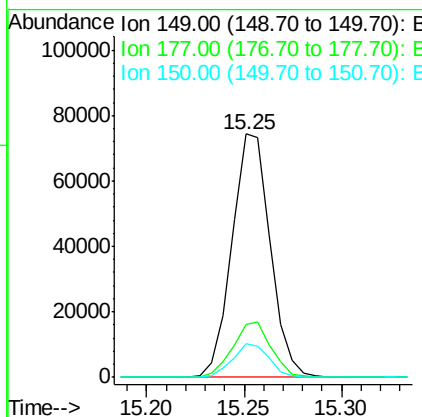
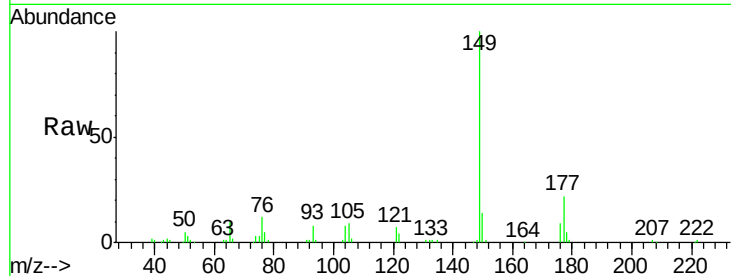
ClientSampled :

MDL-07-W

Tgt Ion:	149	Resp:	101022
Ion Ratio		Lower	Upper
149	100		
177	21.6	18.6	28.0
150	13.9	10.0	15.0

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#58

Fluorene

Concen: 2.90 ng/ul

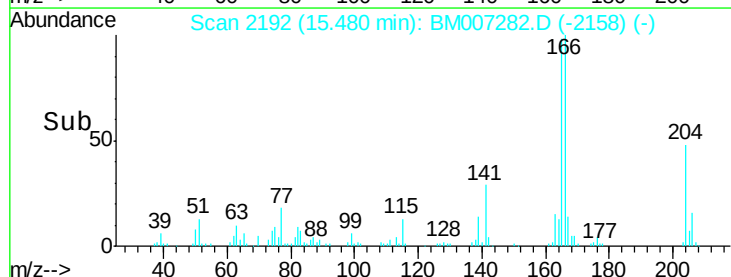
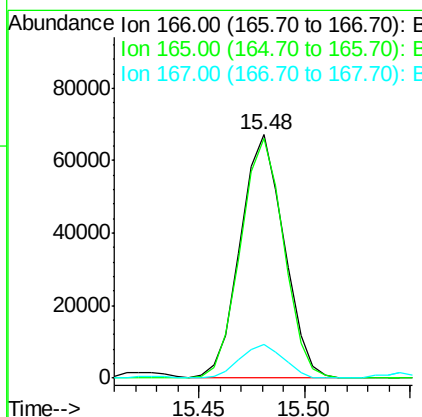
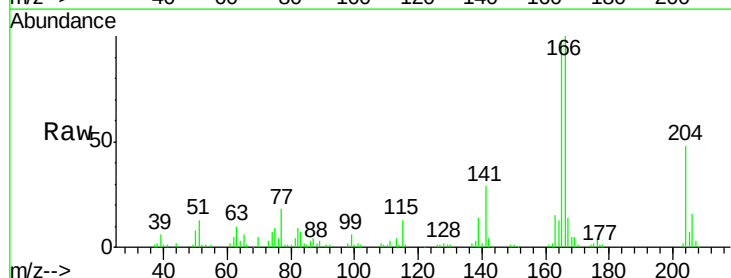
RT: 15.48 min Scan# 2192

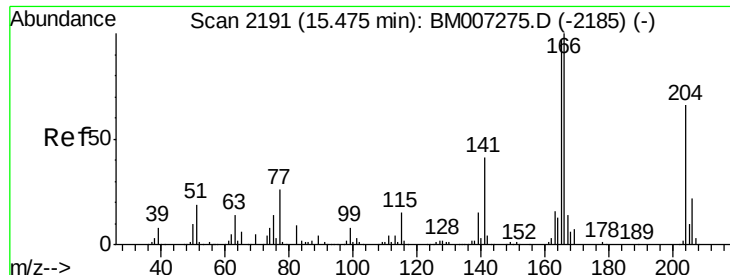
Delta R.T. 0.00 min

Lab File: BM007282.D

Acq: 24 Aug 2016 17:58

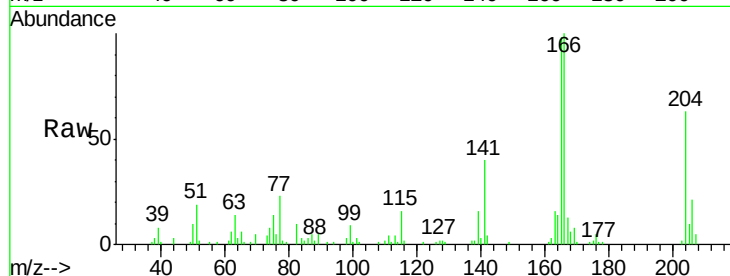
Tgt Ion:	166	Resp:	96892
Ion Ratio		Lower	Upper
166	100		
165	98.4	79.9	119.9
167	13.7	10.5	15.7





#59
 4-Chlorophenyl-phenylether
 Concen: 2.87 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

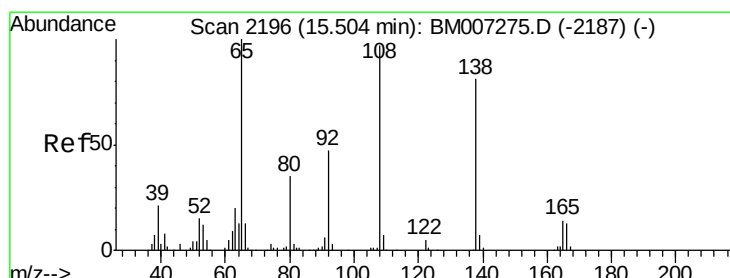
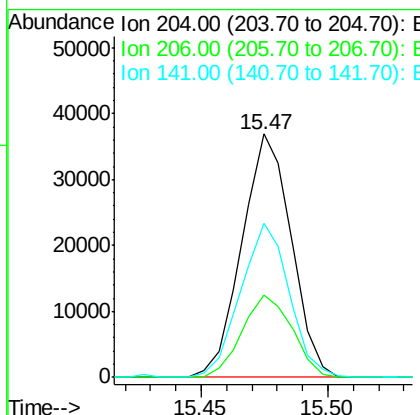
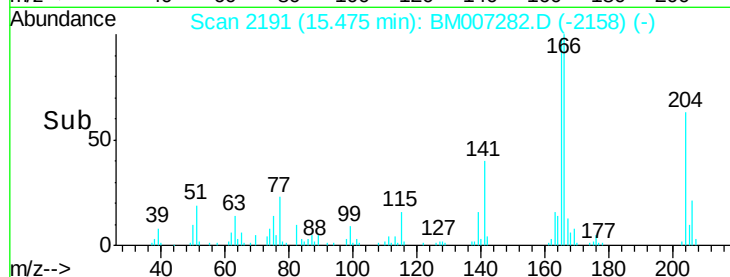
Instrument :
 BNA_M
 ClientSampled :
 MDL-07-W



Tgt Ion: 204 Resp: 50079
 Ion Ratio Lower Upper
 204 100
 206 33.9 25.9 38.9
 141 63.4 46.1 69.1

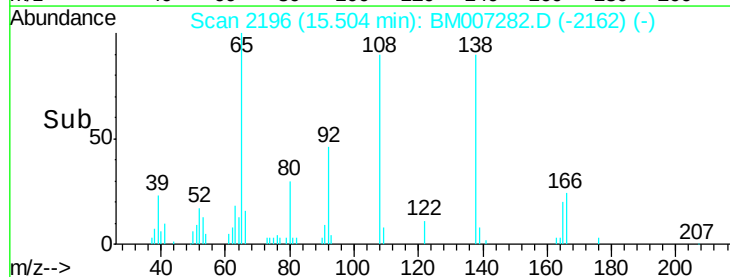
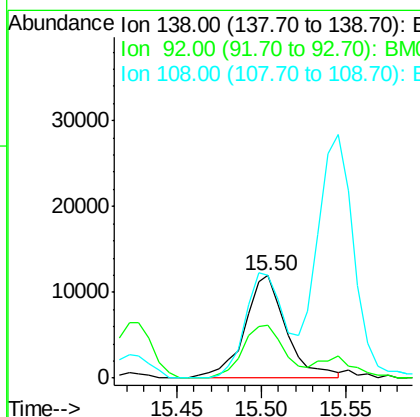
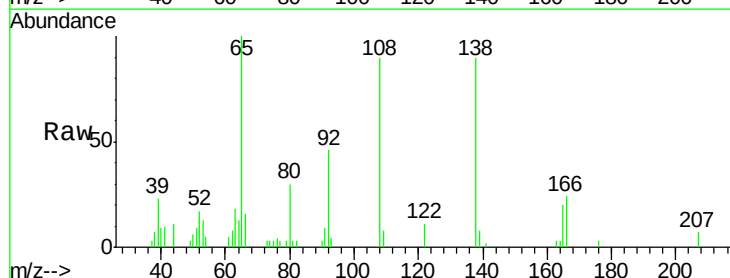
Manual Integrations
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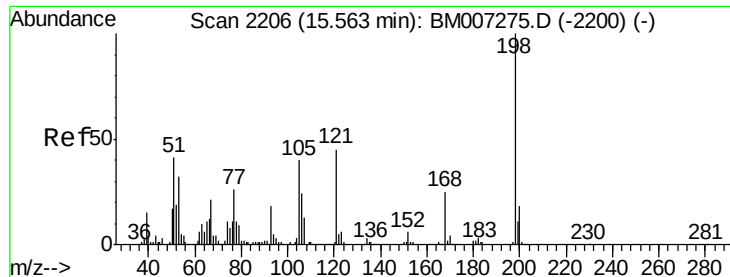
sohil
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#60
 4-Nitroaniline
 Concen: 2.49 ng/ul
 RT: 15.50 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Tgt Ion: 138 Resp: 20481
 Ion Ratio Lower Upper
 138 100
 92 51.3 43.5 65.3
 108 100.0 80.3 120.5





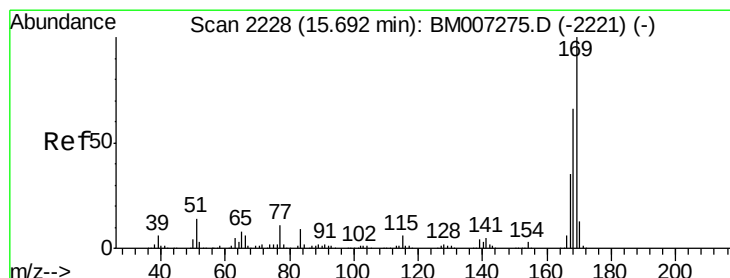
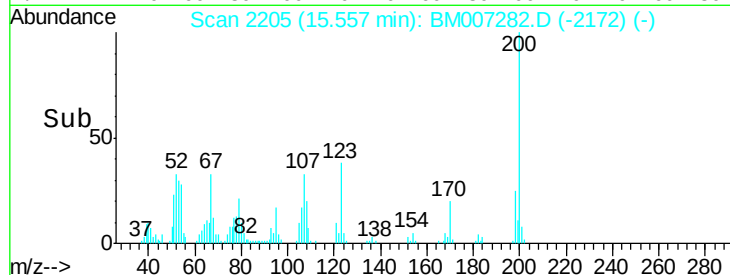
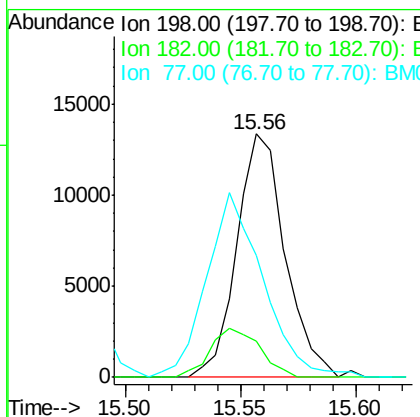
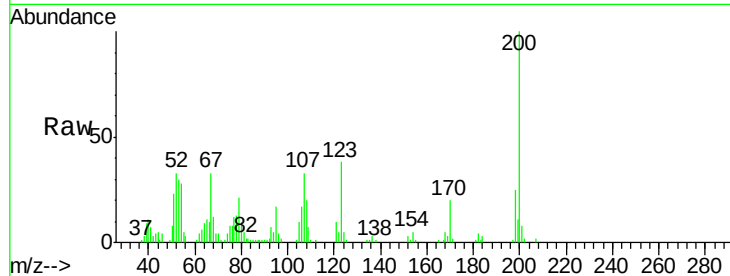
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.58 ng/ul
 RT: 15.56 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	19488		
182	14.9	3.3	4.9#	
77	49.9	21.8	32.6#	

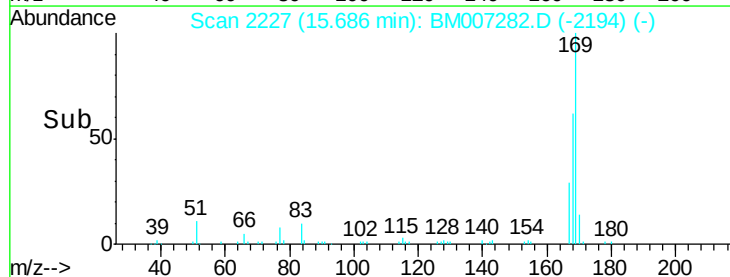
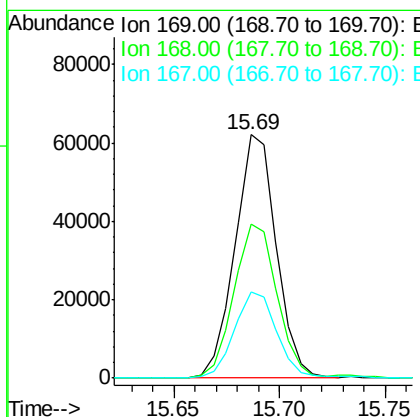
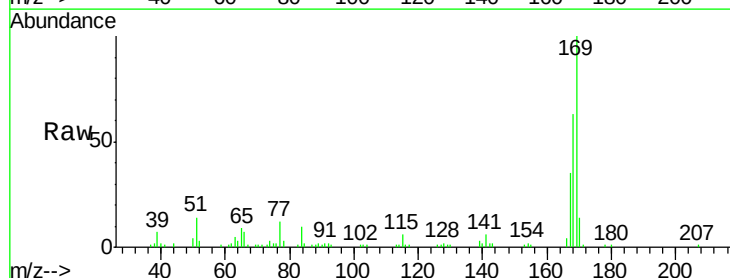
Manual Integrations
 APPROVED

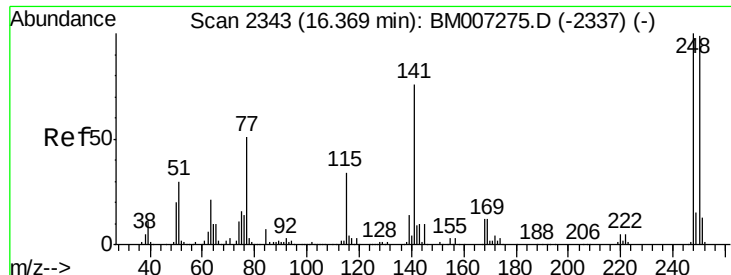
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#64
 N-Nitrosodiphenylamine
 Concen: 2.69 ng/ul
 RT: 15.69 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	84390		
168	63.0	52.6	79.0	
167	35.2	28.6	43.0	





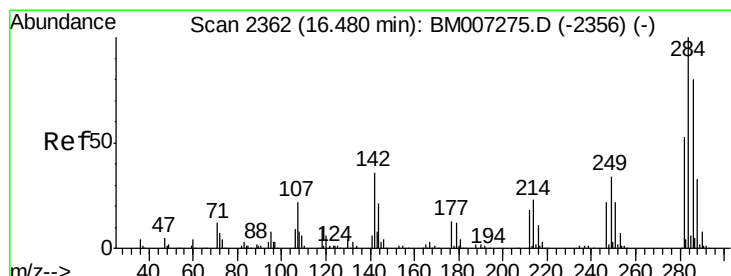
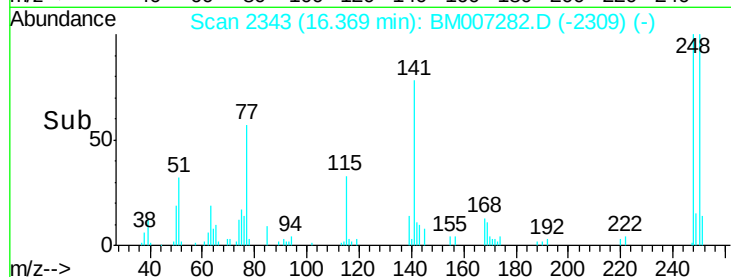
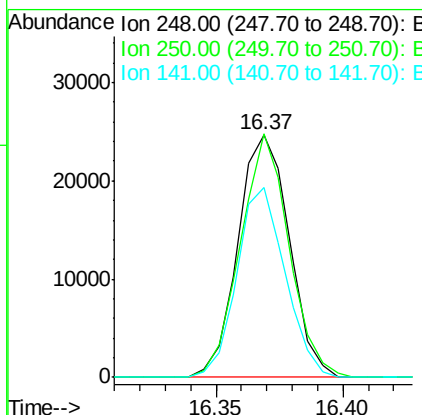
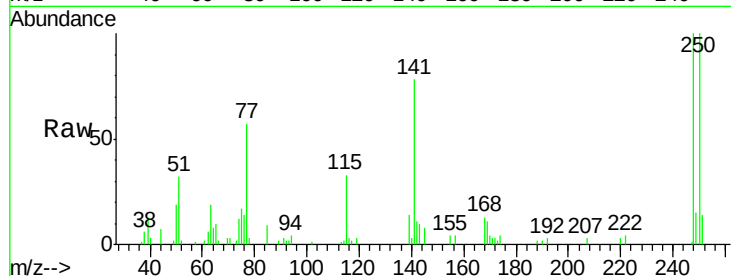
#65
4-Bromophenyl-phenylether
Concen: 2.74 ng/ul
RT: 16.37 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Instrument :
BNA_M
ClientSampled :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.5	79.7	119.5
141	78.2	58.3	87.5

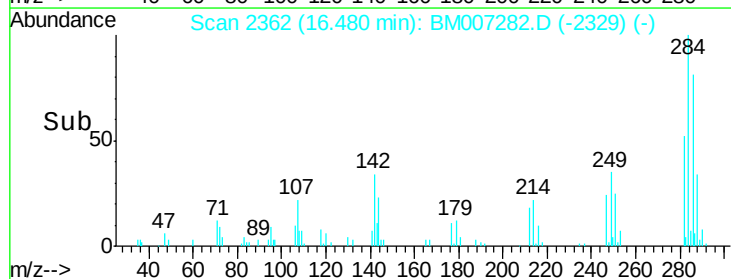
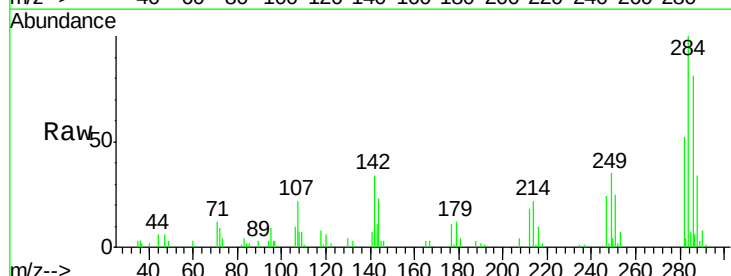
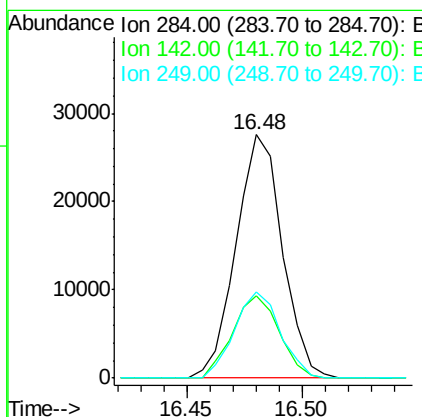
Manual Integrations
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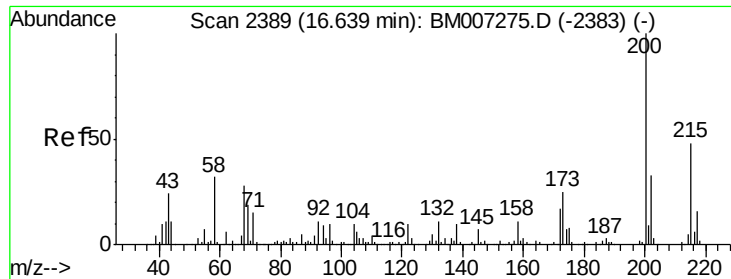
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#66
Hexachlorobenzene
Concen: 2.72 ng/ul
RT: 16.48 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	24.9	37.3
249	35.4	25.5	38.3





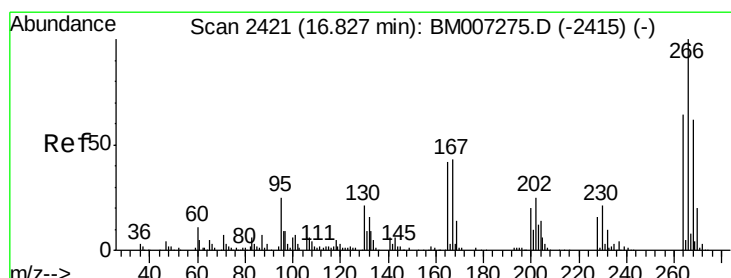
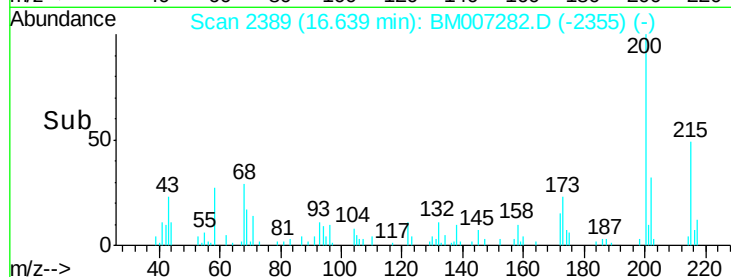
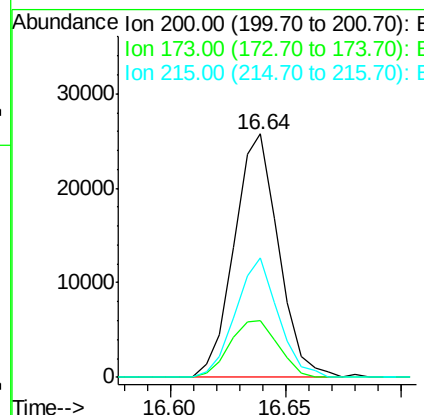
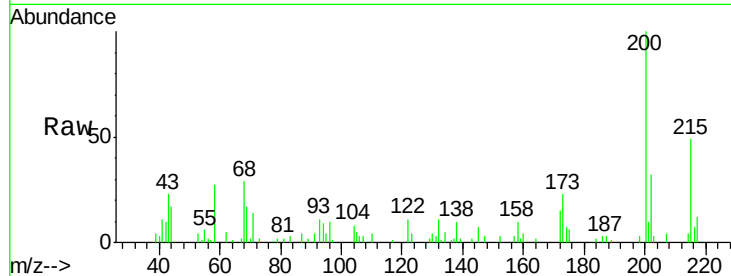
#67
Atrazine
Concen: 2.59 ng/ul
RT: 16.64 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Instrument :
BNA_M
ClientSampled :
MDL-07-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.3	18.9	28.3
215	49.2	39.5	59.3

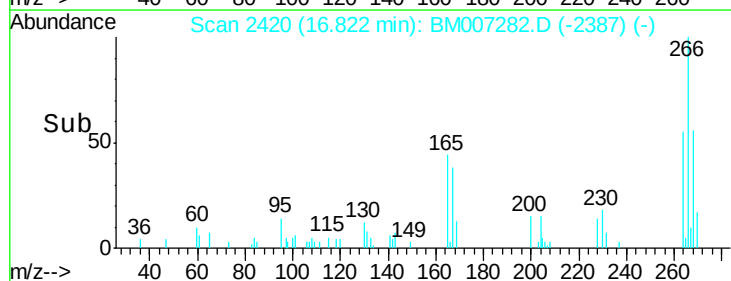
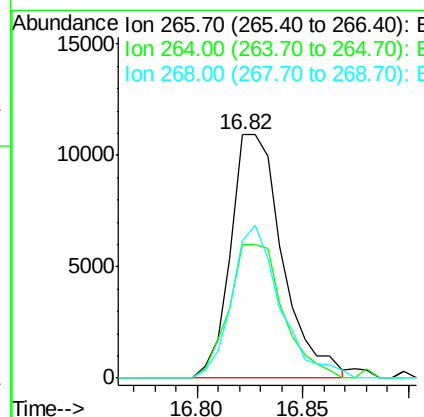
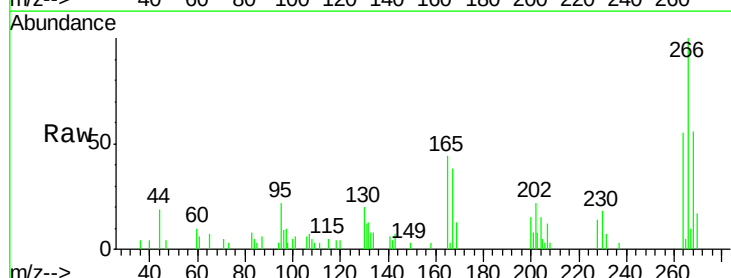
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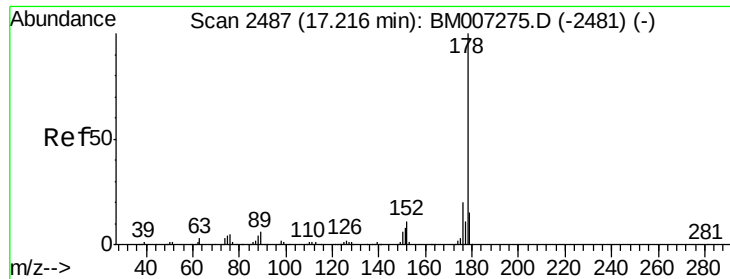
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#68
Pentachlorophenol
Concen: 2.03 ng/ul
RT: 16.82 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	54.9	50.6	75.8
268	56.4	51.0	76.6





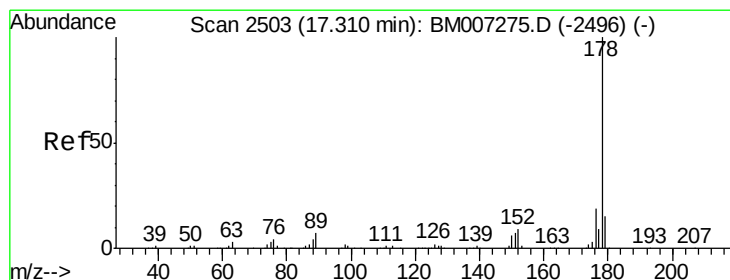
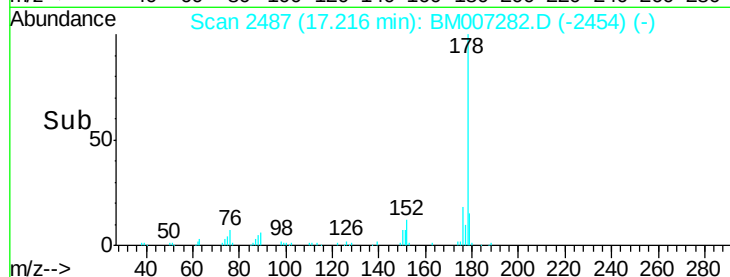
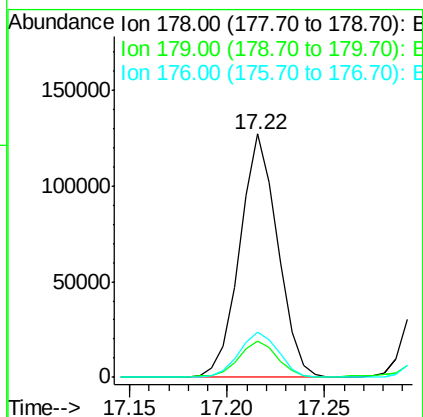
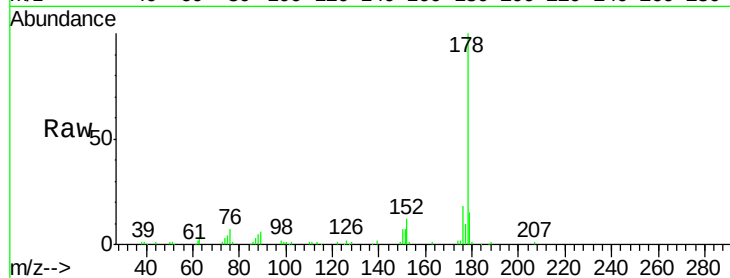
#69
Phenanthrene
Concen: 2.81 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

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

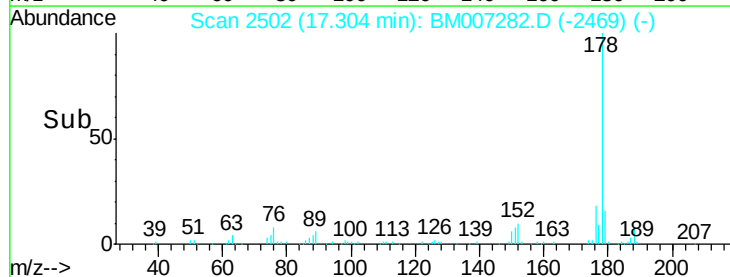
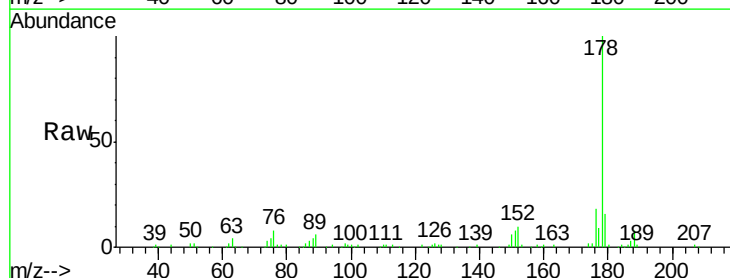
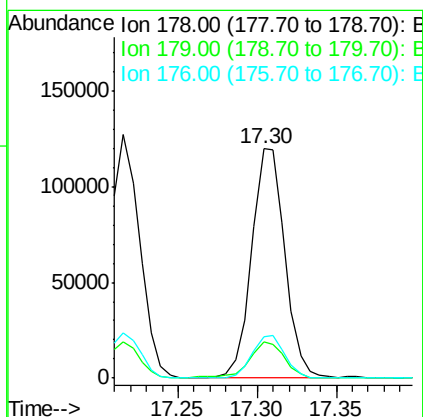
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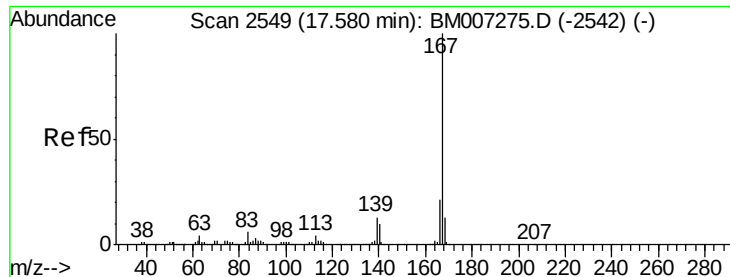
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#71
Anthracene
Concen: 2.79 ng/ul
RT: 17.30 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	17.9	14.5	21.7





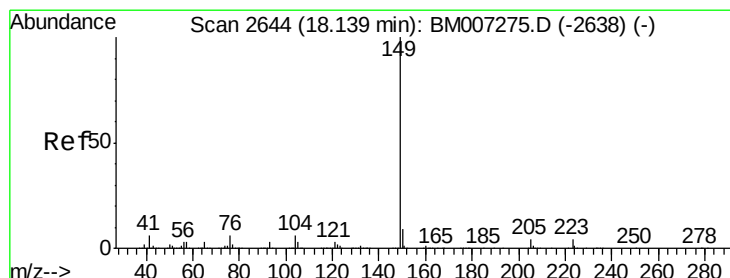
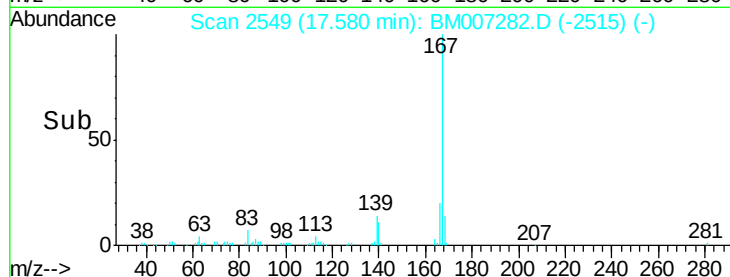
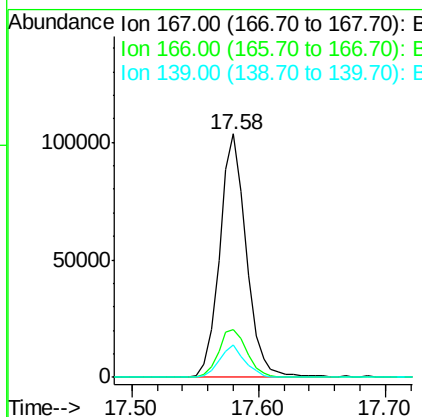
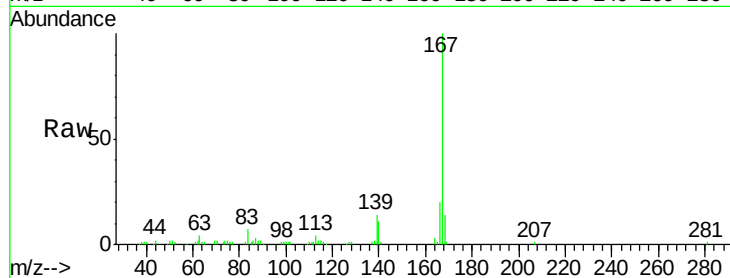
#72
 Carbazole
 Concen: 2.80 ng/ul
 RT: 17.58 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Instrument :
 BNA_M
 ClientSampled :
 MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	151317		
166	19.9	16.6	25.0	
139	13.6	10.2	15.4	

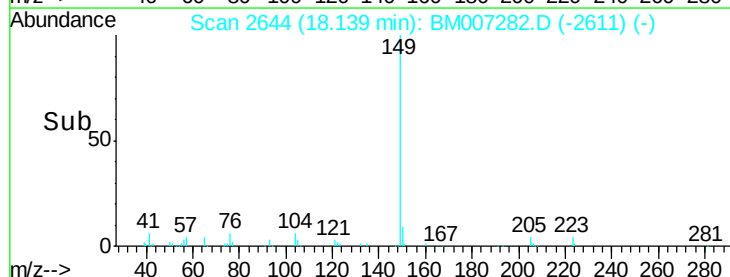
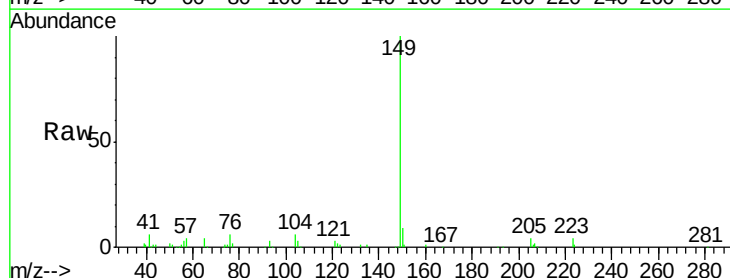
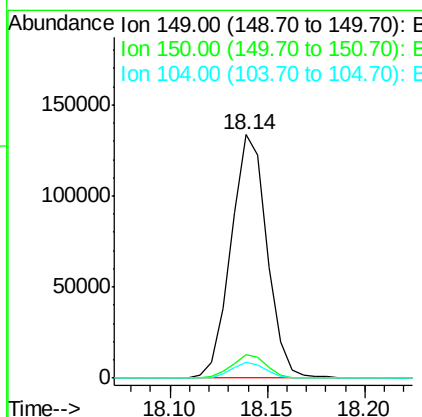
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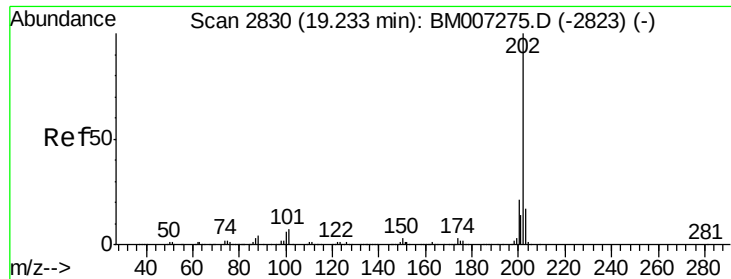
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#73
 Di-n-butylphthalate
 Concen: 2.51 ng/ul
 RT: 18.14 min Scan# 2644
 Delta R.T. -0.01 min
 Lab File: BM007282.D
 Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	171159		
150	9.4	7.6	11.4	
104	6.3	4.6	7.0	





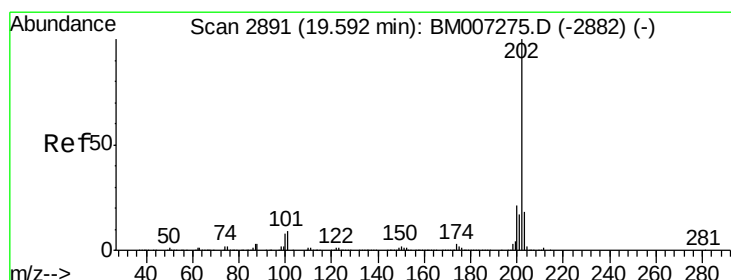
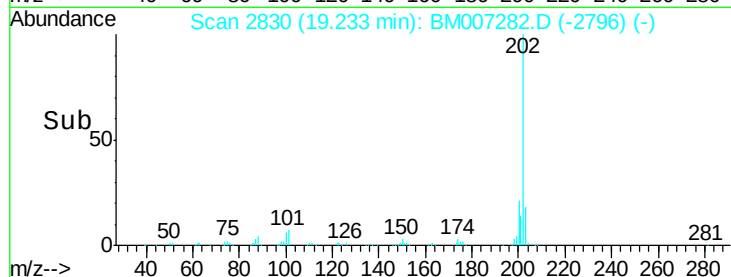
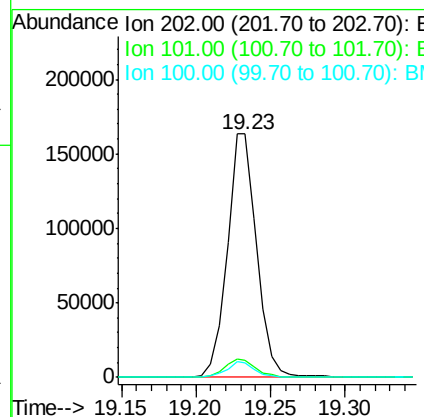
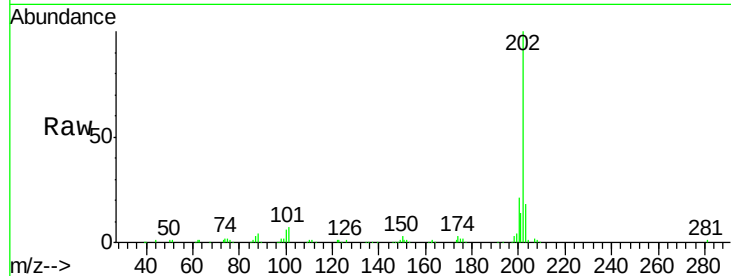
#74
Fluoranthene
Concen: 2.98 ng/ul
RT: 19.23 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.1	6.9	10.3
100	6.1	5.4	8.0

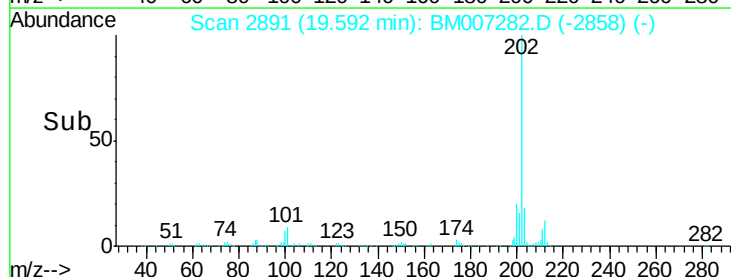
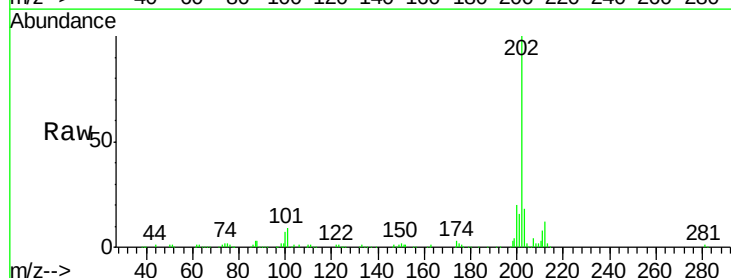
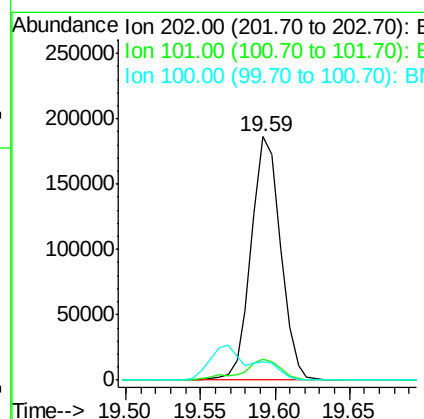
Manual Integrations
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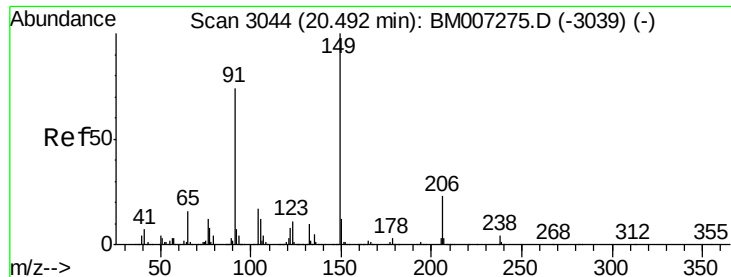
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#77
Pyrene
Concen: 2.83 ng/ul
RT: 19.59 min Scan# 2891
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.7	8.4	12.6
100	7.4	6.9	10.3





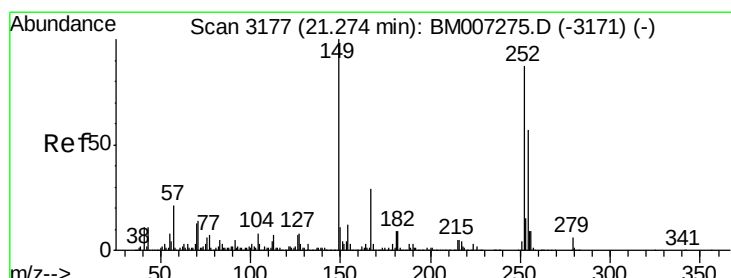
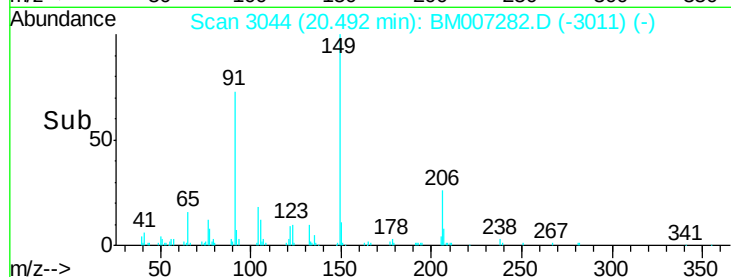
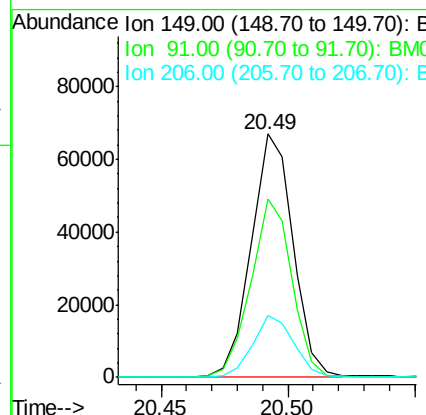
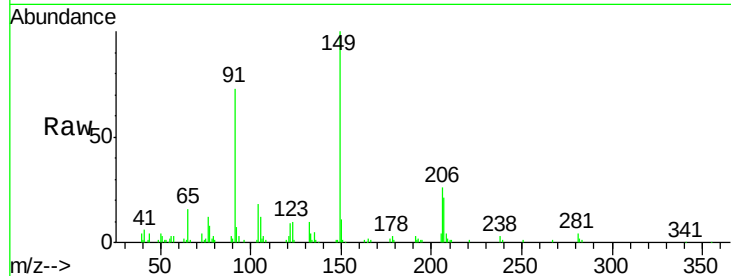
#78
Butylbenzylphthalate
Concen: 2.06 ng/ul
RT: 20.49 min Scan# 3044
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	77246		
91	73.3	57.3	85.9	
206	25.6	18.6	27.8	

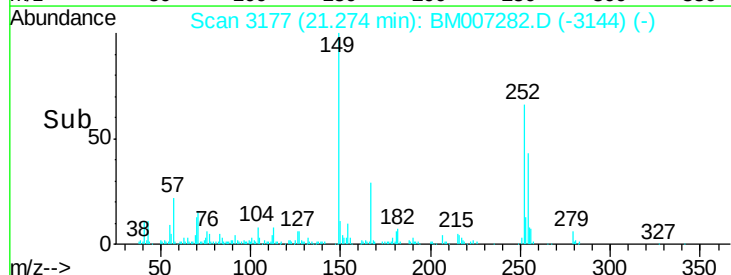
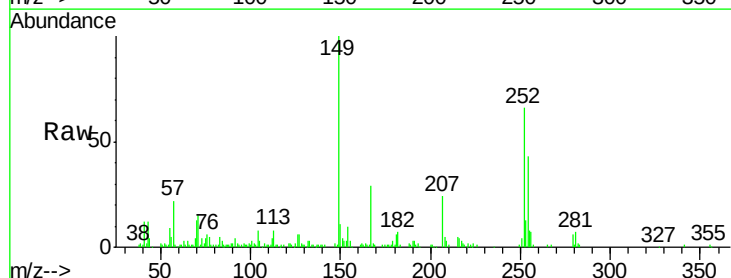
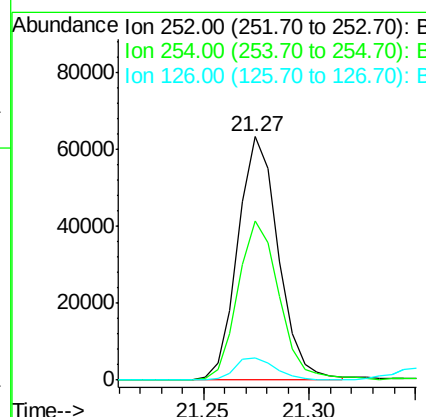
Manual Integrations
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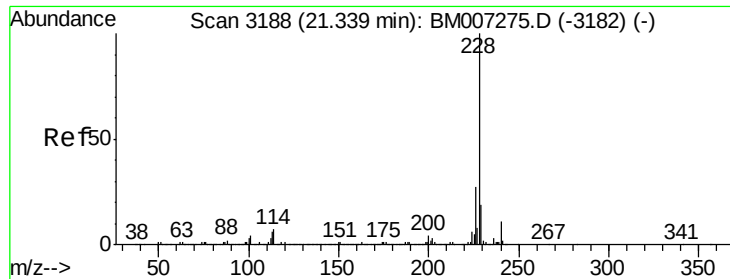
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#79
3,3'-Dichlorobenzidine
Concen: 2.53 ng/ul
RT: 21.27 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	84261		
254	65.3	51.0	76.4	
126	9.3	7.1	10.7	





#80

Benzo(a)anthracene

Concen: 2.85 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BM007282.D

Acq: 24 Aug 2016 17:58

Instrument :

BNA_M

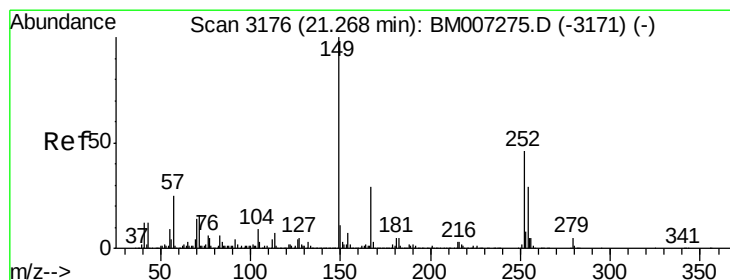
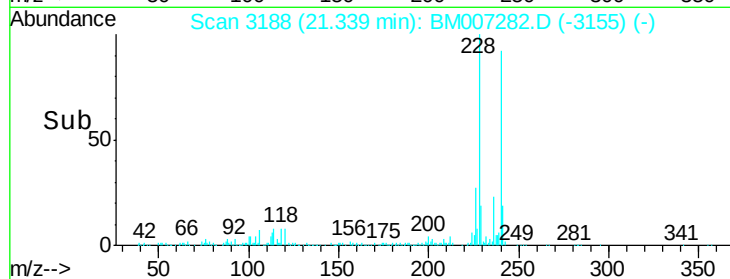
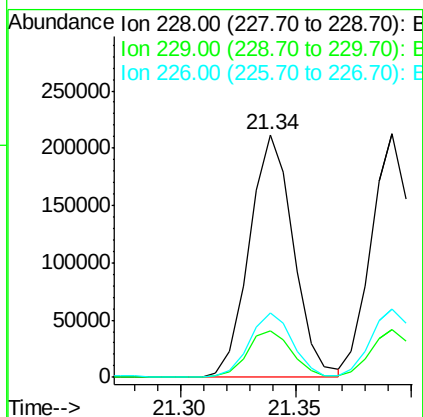
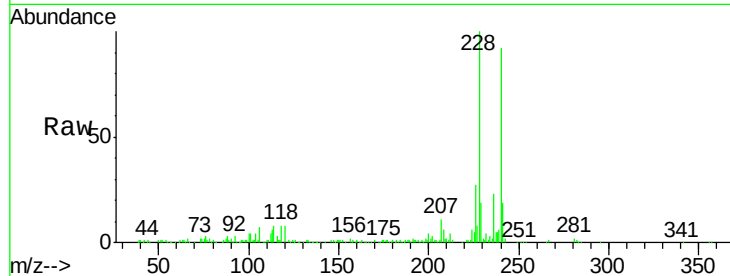
ClientSampled :

MDL-07-W

Tgt Ion:	228	Resp:	281276
Ion Ratio	Lower	Upper	
228	100		
229	19.4	15.6	23.4
226	26.7	21.8	32.8

Manual Integrations
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#81

Bis(2-ethylhexyl)phthalate

Concen: 2.25 ng/ul

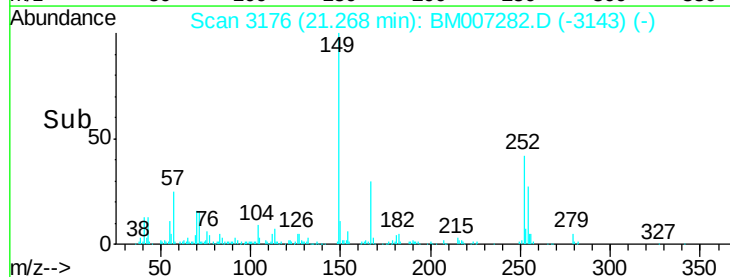
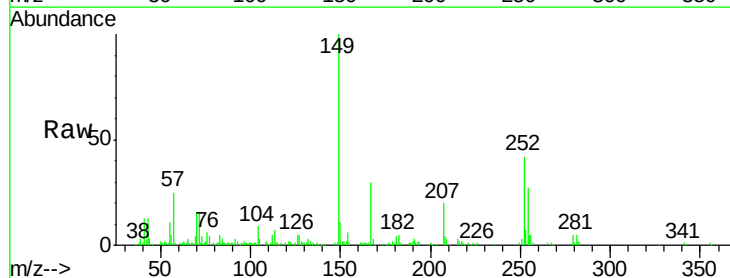
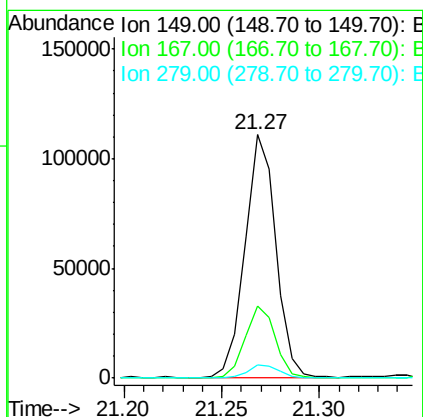
RT: 21.27 min Scan# 3176

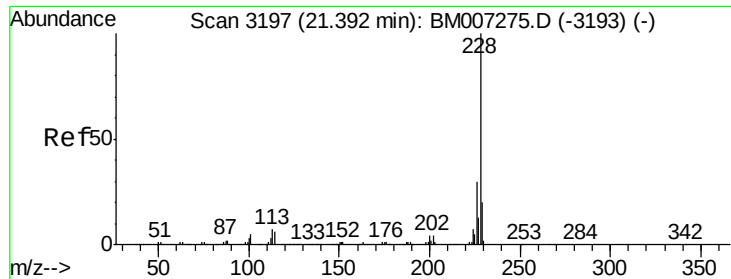
Delta R.T. -0.01 min

Lab File: BM007282.D

Acq: 24 Aug 2016 17:58

Tgt Ion:	149	Resp:	122226
Ion Ratio	Lower	Upper	
149	100		
167	29.5	23.2	34.8
279	5.3	4.1	6.1





#82

Chrysene

Concen: 2.90 ng/ul

RT: 21.39 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BM007282.D

Acq: 24 Aug 2016 17:58

Instrument :

BNA_M

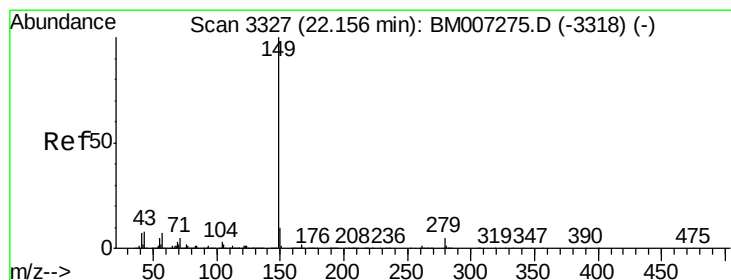
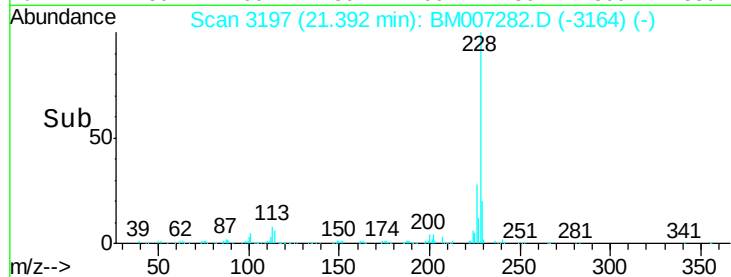
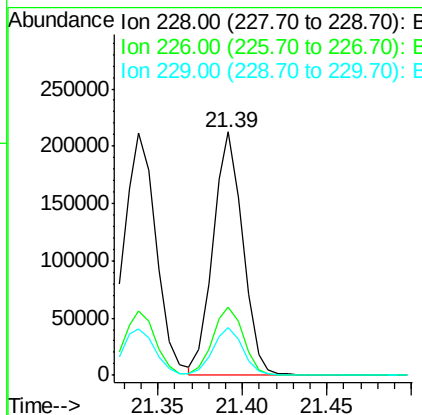
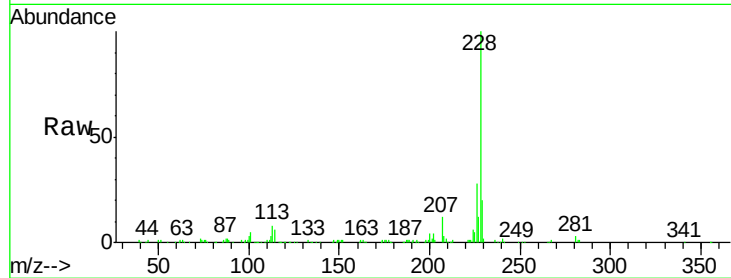
ClientSampled :

MDL-07-W

Tgt Ion:	228	Resp:	259729
Ion Ratio		Lower	Upper
228	100		
226	28.1	23.4	35.2
229	19.6	15.5	23.3

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#84

Di-n-octyl phthalate

Concen: 2.28 ng/ul

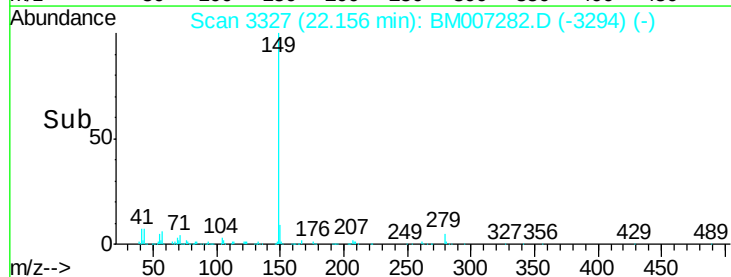
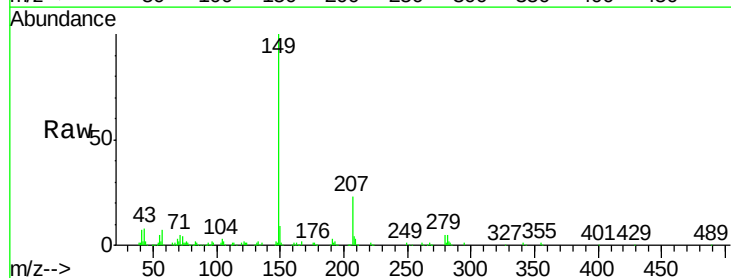
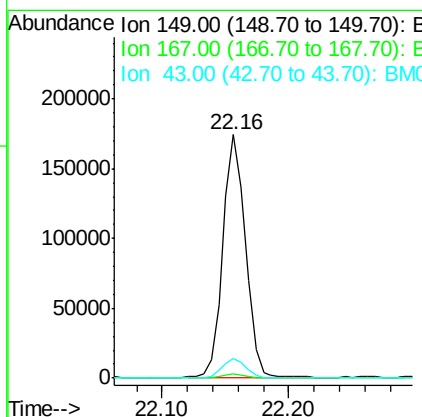
RT: 22.16 min Scan# 3327

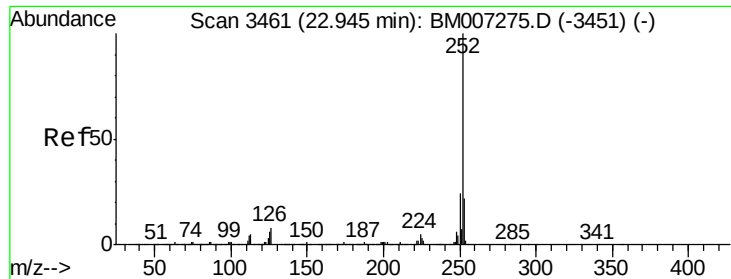
Delta R.T. -0.01 min

Lab File: BM007282.D

Acq: 24 Aug 2016 17:58

Tgt Ion:	149	Resp:	213496
Ion Ratio		Lower	Upper
149	100		
167	1.9	1.3	1.9
43	7.8	6.6	10.0





#85

Benzo(b)fluoranthene

Concen: 2.69 ng/ul

RT: 22.94 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM007282.D

Acq: 24 Aug 2016 17:58

Instrument :

BNA_M

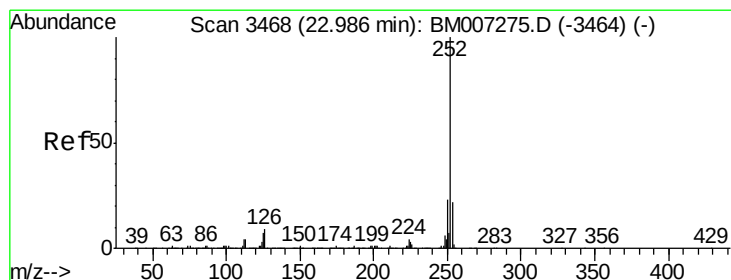
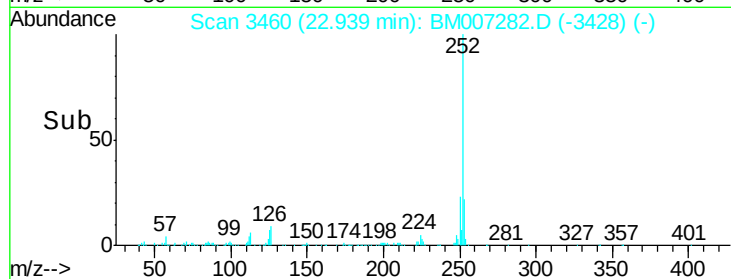
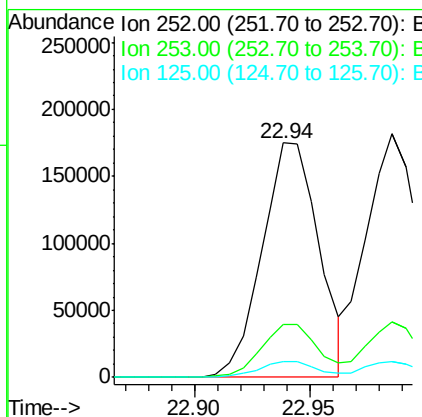
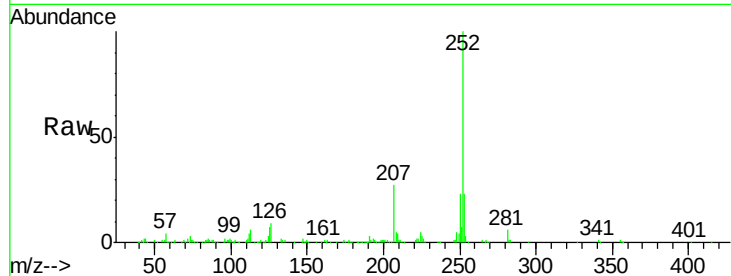
ClientSampled :

MDL-07-W

Tgt Ion:	252	Resp:	299005
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.1	25.7
125	6.8	5.8	8.8

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#86

Benzo(k)fluoranthene

Concen: 2.88 ng/ul

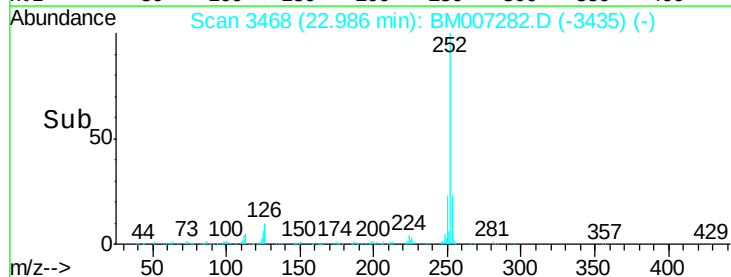
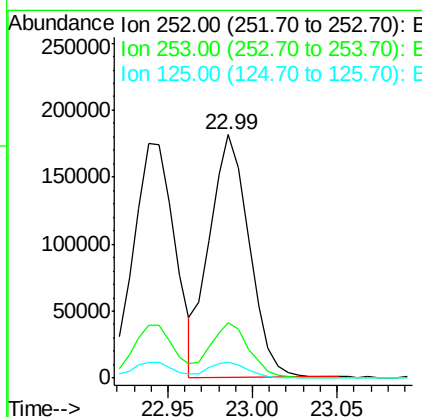
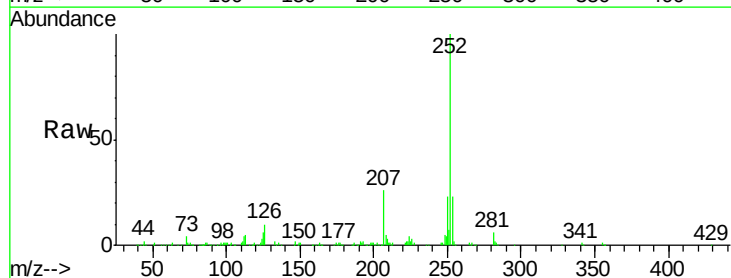
RT: 22.99 min Scan# 3468

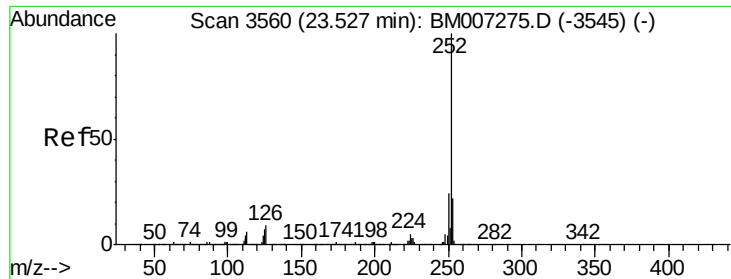
Delta R.T. -0.01 min

Lab File: BM007282.D

Acq: 24 Aug 2016 17:58

Tgt Ion:	252	Resp:	295770
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.6	26.4
125	6.4	5.7	8.5





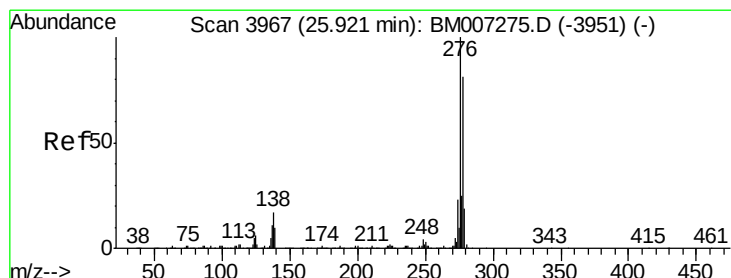
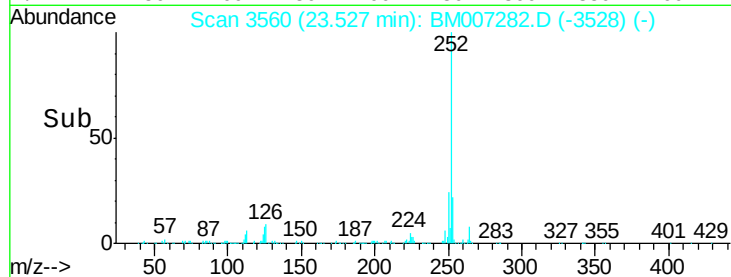
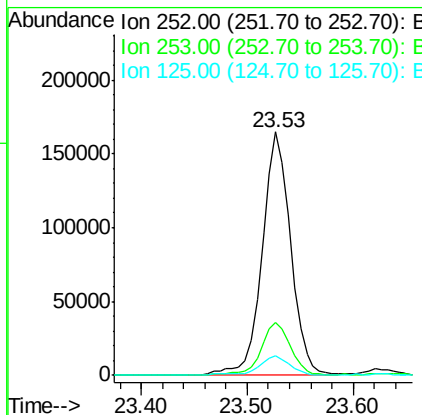
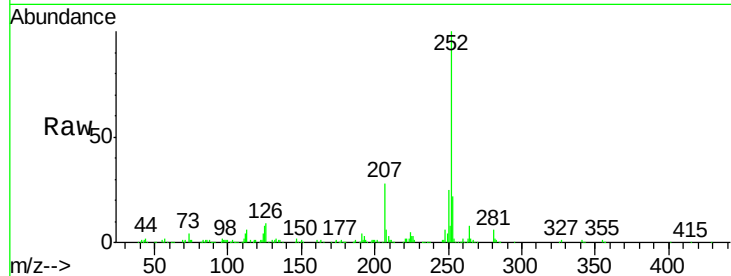
#88
Benzo(a)pyrene
Concen: 2.91 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.6	17.7	26.5
125	7.9	6.6	9.8

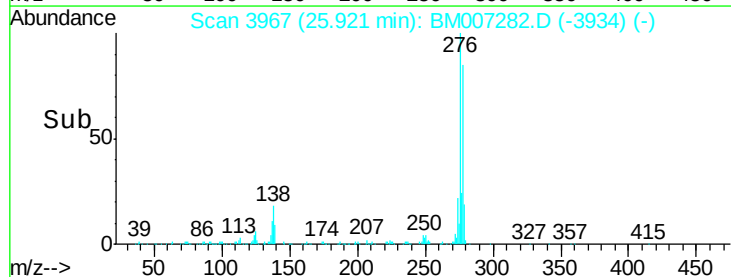
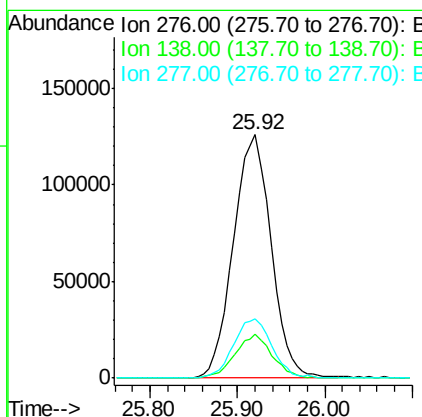
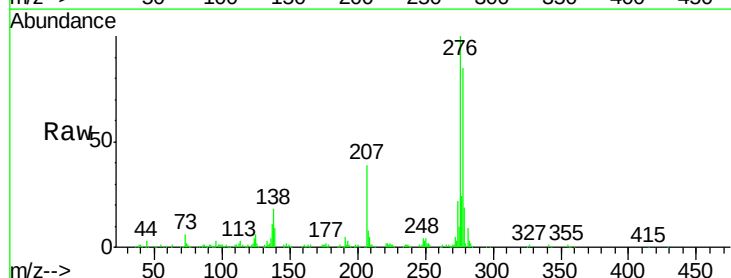
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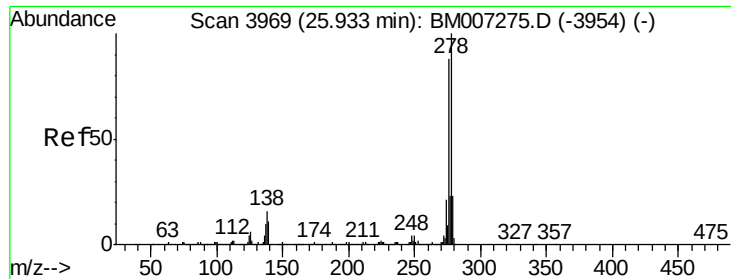
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.84 ng/ul
RT: 25.92 min Scan# 3967
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	17.9	13.9	20.9
277	24.3	20.1	30.1





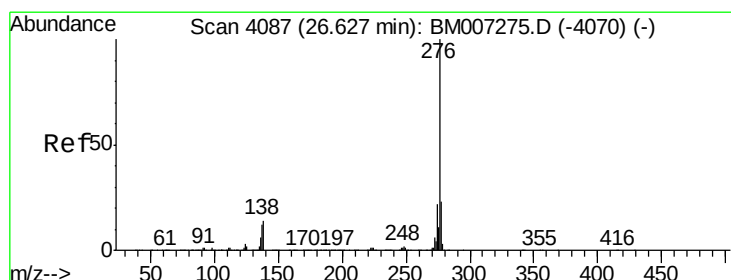
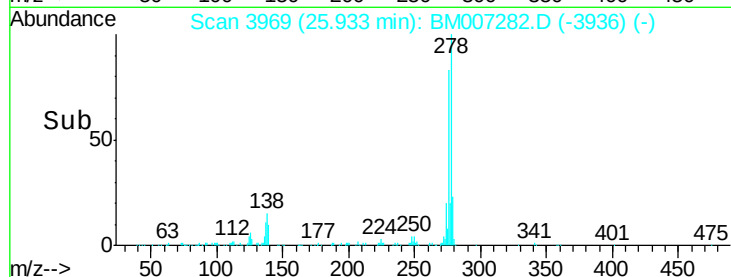
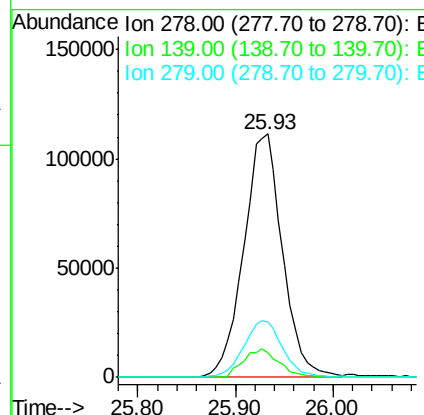
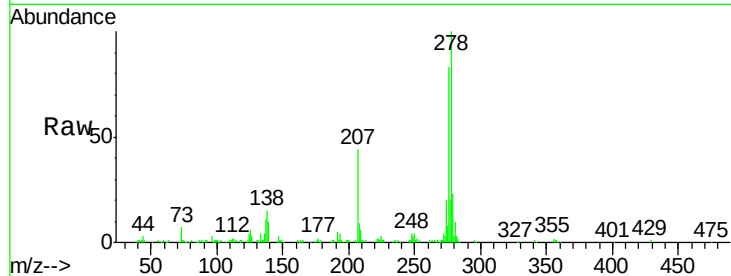
#90
Dibenzo(a,h)anthracene
Concen: 2.85 ng/ul
RT: 25.93 min Scan# 3969
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Instrument :
BNA_M
ClientSampled :
MDL-07-W

Tgt Ion:	278	Resp:	309269
Ion Ratio	Lower	Upper	
278	100		
139	10.0	9.5	14.3
279	22.7	19.1	28.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.79 ng/ul
RT: 26.62 min Scan# 4086
Delta R.T. -0.01 min
Lab File: BM007282.D
Acq: 24 Aug 2016 17:58

Tgt Ion:	276	Resp:	309036
Ion Ratio	Lower	Upper	
276	100		
138	14.0	13.5	20.3
277	24.1	19.3	28.9

