

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
 Data File : BM007280.D
 Acq On : 24 Aug 2016 16:06
 Operator : UM/SJ
 Sample : MDL-05-W
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 MDL-05-W

Manual Integrations
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 8/24/2016 7:28:29 PM

Quant Time: Aug 24 16:53:44 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 24 13:51:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	118267	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	600619	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	446561	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1245263	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1898404	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2142336	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	7583	3.28	ng/uL	0.00
5) Phenol-d5	6.96	99	352304	31.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	207992	35.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	275928	33.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	310671	31.89	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	148701	33.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	172103	33.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	321012	31.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	455353	35.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1354797	35.17	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1513334	33.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	247729	34.06	ng/ul	0.00
57) Fluorene-d10	15.43	176	1158411	34.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	246660	31.50	ng/ul	0.00
70) Anthracene-d10	17.27	188	1990750	34.22	ng/ul	0.00
76) Pyrene-d10	19.57	212	2586645	32.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3303463	33.48	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.34	88	1581	0.61	ng/uL#	84
4) Benzaldehyde	6.95	77	23465	3.69	ng/ul	95
6) Phenol	6.99	94	32078	2.77	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.23	93	24846	3.08	ng/ul	97
10) 2-Chlorophenol	7.36	128	23153	2.74	ng/ul#	87
11) 2-Methylphenol	8.24	108	24998	2.76	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.33	45	27912	3.07	ng/ul#	91
14) Acetophenone	8.62	105	46637	3.12	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	22709	2.86	ng/ul#	97
16) 4-Methylphenol	8.56	108	27471	2.70	ng/ul	99
17) Hexachloroethane	8.87	117	10045	3.05	ng/ul	94
20) Nitrobenzene	8.99	77	35185	3.11	ng/ul	97
21) Isophorone	9.52	82	67267	2.92	ng/ul	99
23) 2-Nitrophenol	9.70	139	15705	2.81	ng/ul	93
24) 2,4-Dimethylphenol	9.76	107	35388	2.87	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.00	93	36187	2.78	ng/ul	97
27) 2,4-Dichlorophenol	10.23	162	28698	2.82	ng/ul#	82
28) Naphthalene	10.63	128	90262	3.02	ng/ul	98
30) 4-Chloroaniline	10.75	127	39887	3.03	ng/ul	99
31) Hexachlorobutadiene	10.92	225	20445	2.97	ng/ul	94
32) Caprolactam	11.53	113	9669m	2.36	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	32134	2.55	ng/ul	96
34) 2-Methylnaphthalene	12.25	142	71099	2.91	ng/ul	96

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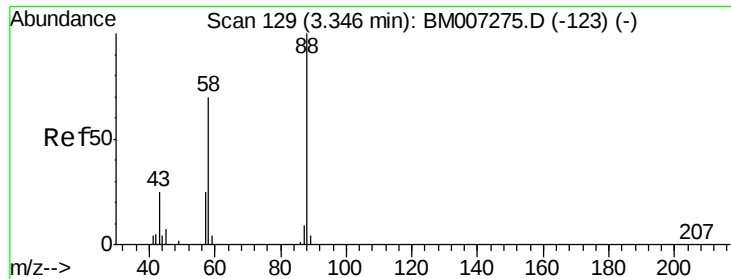
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	44061	2.96	ng/ul	95
37) Hexachlorocyclopentadiene	12.59	237	18980	2.12	ng/ul	96
38) 2,4,6-Trichlorophenol	12.86	196	27124	2.58	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	28009	2.55	ng/ul	95
40) 1,1'-Biphenyl	13.26	154	102239	2.95	ng/ul	97
41) 2-Chloronaphthalene	13.30	162	79340	2.92	ng/ul	96
42) 2-Nitroaniline	13.51	65	21728	2.45	ng/ul	93
44) Dimethylphthalate	13.89	163	120558	3.14	ng/ul#	99
45) 2,6-Dinitrotoluene	14.01	165	20765	2.65	ng/ul	96
47) Acenaphthylene	14.15	152	137652	3.00	ng/ul	96
48) 3-Nitroaniline	14.34	138	20837	2.60	ng/ul	96
49) Acenaphthene	14.49	153	87119	2.91	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	8748	1.64	ng/ul	87
52) 4-Nitrophenol	14.64	109	24523	3.17	ng/ul#	86
53) Dibenzofuran	14.83	168	136372	3.05	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	33142	2.76	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	30315	2.70	ng/ul	96
56) Diethylphthalate	15.25	149	118983	2.97	ng/ul	99
58) Fluorene	15.48	166	114661	3.11	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	60686	3.15	ng/ul	98
60) 4-Nitroaniline	15.50	138	25203	2.77	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.56	198	23821	2.85	ng/ul#	59
64) N-Nitrosodiphenylamine	15.69	169	100955	2.90	ng/ul	98
65) 4-Bromophenyl-phenylether	16.37	248	40568	2.89	ng/ul	96
66) Hexachlorobenzene	16.48	284	46533	2.96	ng/ul	96
67) Atrazine	16.63	200	40631	2.77	ng/ul	97
68) Pentachlorophenol	16.83	266	21708	2.14	ng/ul	92
69) Phenanthrene	17.22	178	201243	3.01	ng/ul	100
71) Anthracene	17.30	178	205079	2.97	ng/ul	99
72) Carbazole	17.58	167	182372	3.04	ng/ul	99
73) Di-n-butylphthalate	18.14	149	204959	2.72	ng/ul	100
74) Fluoranthene	19.23	202	271183	3.23	ng/ul	97
77) Pyrene	19.59	202	297454	2.92	ng/ul	96
78) Butylbenzylphthalate	20.49	149	93846	2.21	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.27	252	104321	2.77	ng/ul	96
80) Benzo(a)anthracene	21.34	228	334940	2.99	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.27	149	151764	2.47	ng/ul	97
82) Chrysene	21.39	228	305709	3.02	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	268385	2.52	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	365804	2.89	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	355545	3.04	ng/ul	99
88) Benzo(a)pyrene	23.53	252	376684	3.11	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	453927	3.05	ng/ul	98
90) Dibenzo(a,h)anthracene	25.93	278	383750	3.10	ng/ul	96
91) Benzo(g,h,i)perylene	26.61	276	381366	3.02	ng/ul	96

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



#2

1,4-Dioxane

Concen: 0.61 ng/uL

RT: 3.34 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Instrument :

BNA_M

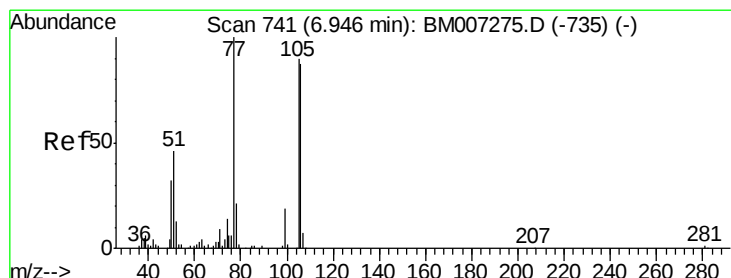
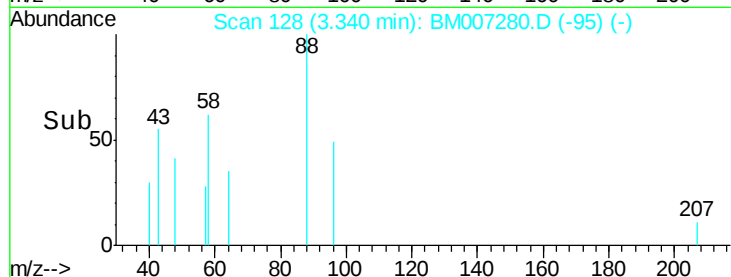
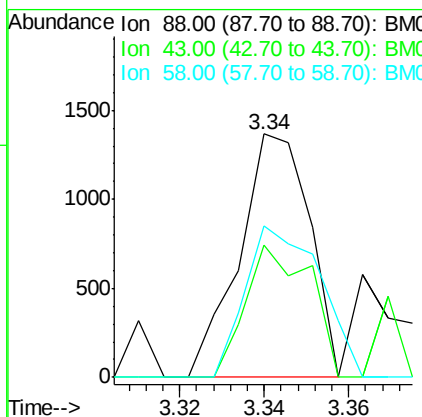
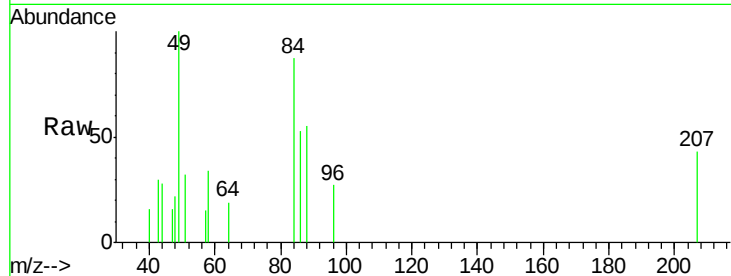
ClientSampleId :

MDL-05-W

Tgt Ion:	88	Resp:	1581
Ion Ratio	Lower	Upper	
88	100		
43	50.2	22.6	34.0#
58	66.5	57.3	85.9

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#4

Benzaldehyde

Concen: 3.69 ng/uL

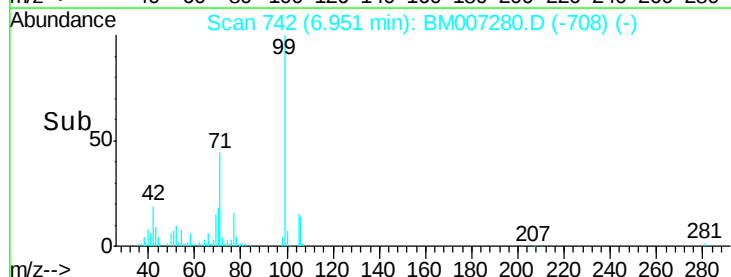
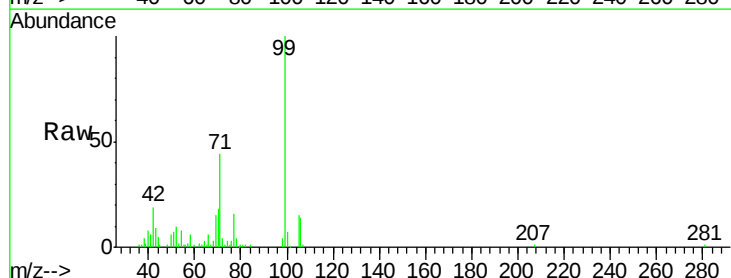
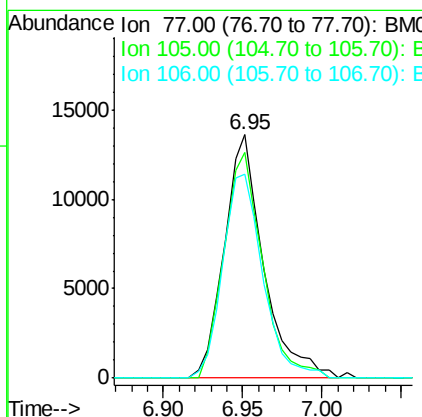
RT: 6.95 min Scan# 742

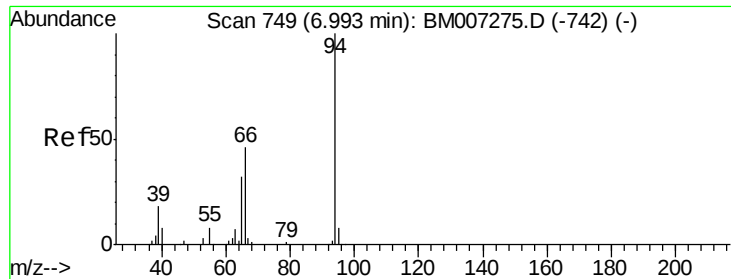
Delta R.T. 0.00 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Tgt Ion:	77	Resp:	23465
Ion Ratio	Lower	Upper	
77	100		
105	92.9	76.9	115.3
106	84.0	71.8	107.8





#6

Phenol

Concen: 2.77 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Instrument :

BNA_M

ClientSampled :

MDL-05-W

Tgt Ion: 94 Resp: 32078

Ion Ratio Lower Upper

94 100

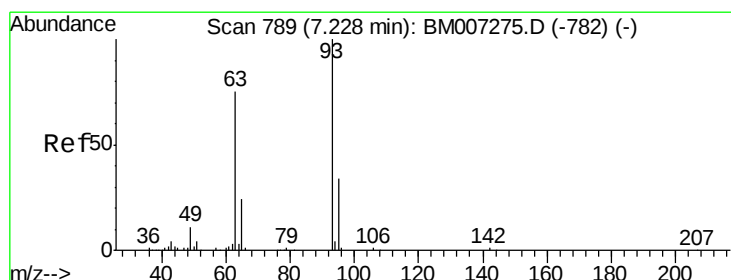
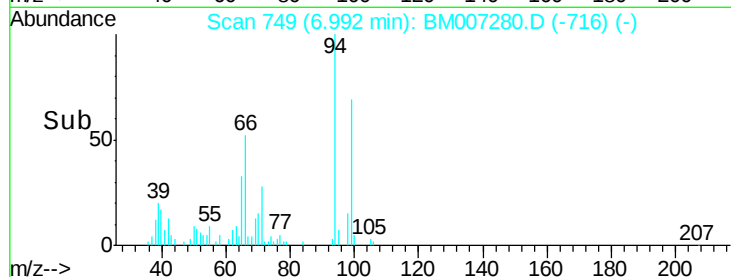
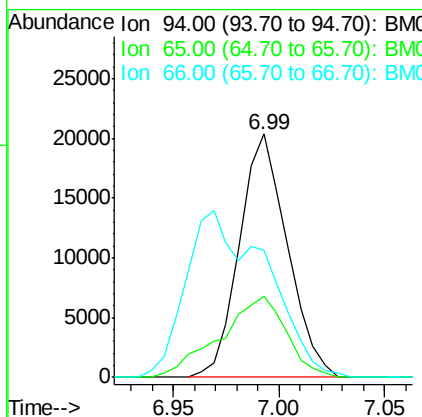
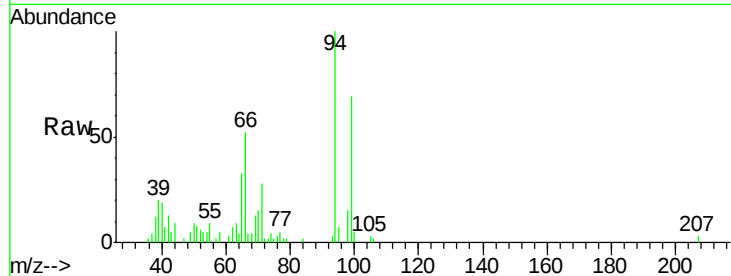
65 33.2 23.9 35.9

66 52.0 33.5 50.3#

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#8

Bis(2-Chloroethyl)ether

Concen: 3.08 ng/ul

RT: 7.23 min Scan# 789

Delta R.T. 0.00 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

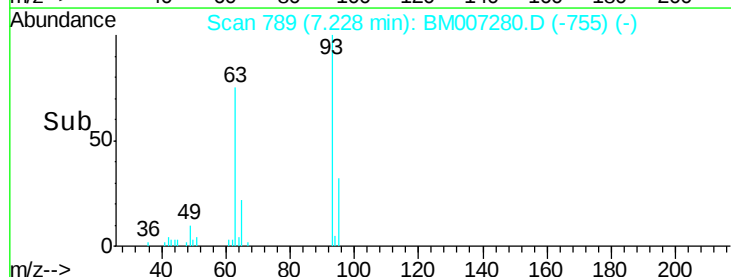
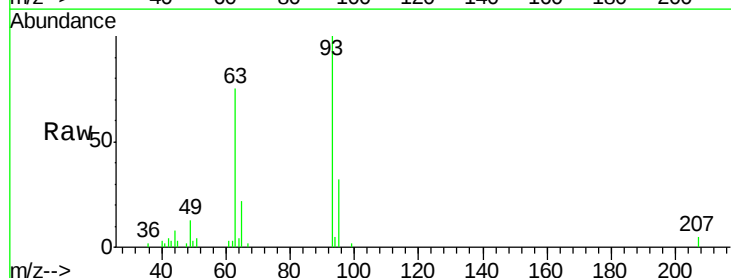
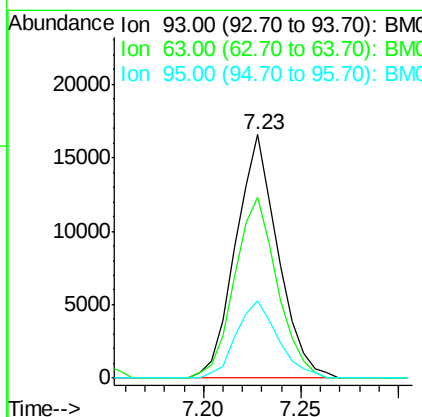
Tgt Ion: 93 Resp: 24846

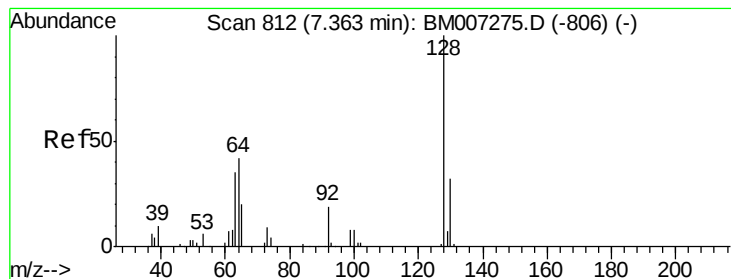
Ion Ratio Lower Upper

93 100

63 74.5 57.3 85.9

95 31.9 25.1 37.7





#10

2-Chlorophenol

Concen: 2.74 ng/ul

RT: 7.36 min Scan# 812

Delta R.T. -0.01 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Instrument :

BNA_M

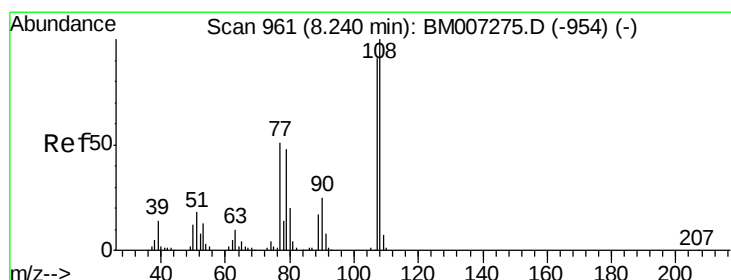
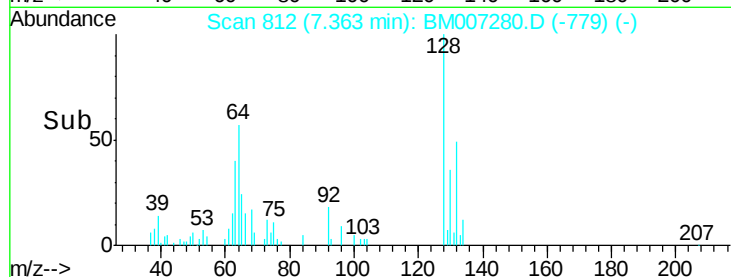
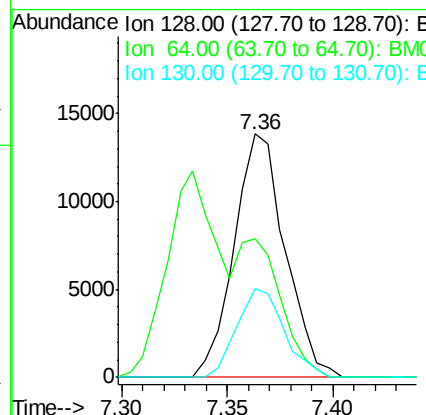
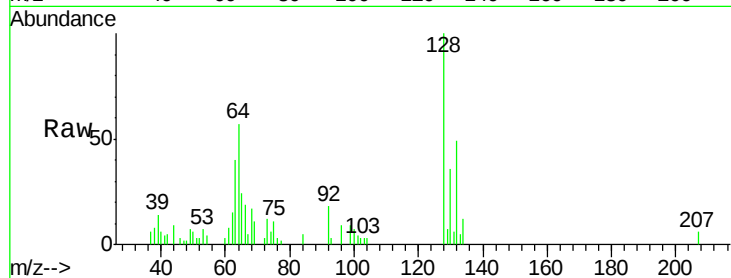
ClientSampleId :

MDL-05-W

Tgt Ion	Ratio	Lower	Upper
128	100		
64	57.0	37.5	56.3#
130	36.5	25.0	37.4

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#11

2-Methylphenol

Concen: 2.76 ng/ul

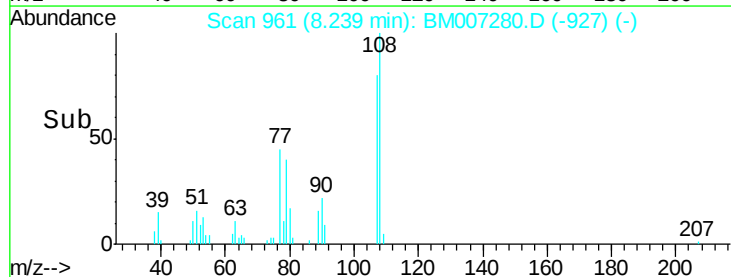
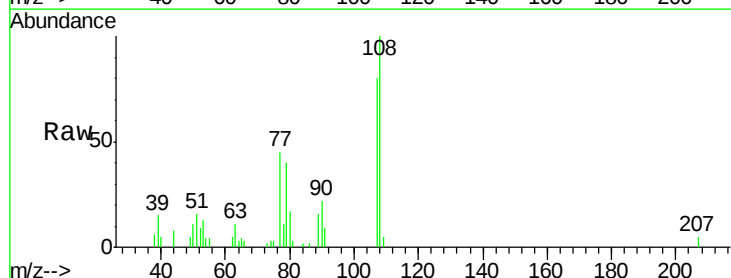
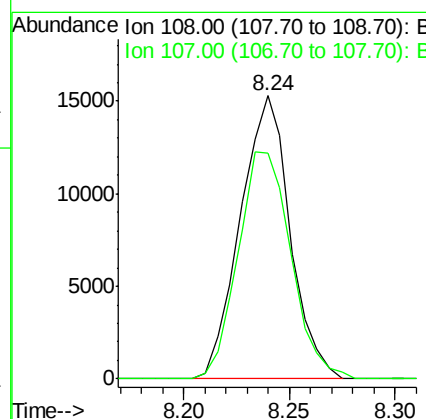
RT: 8.24 min Scan# 961

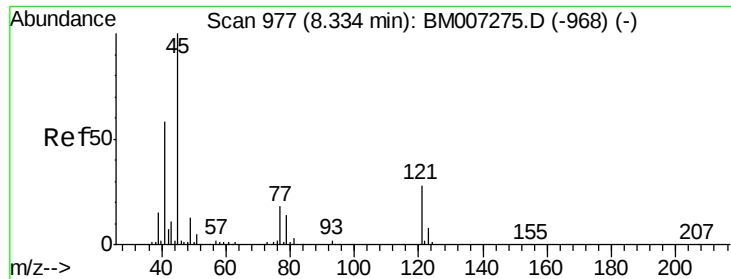
Delta R.T. 0.00 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Lower	Upper
108	100		
107	79.7	71.8	107.6





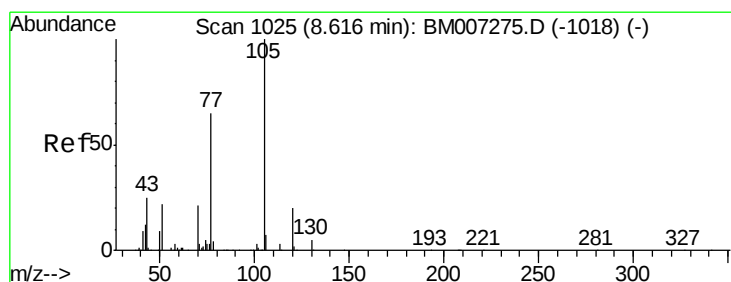
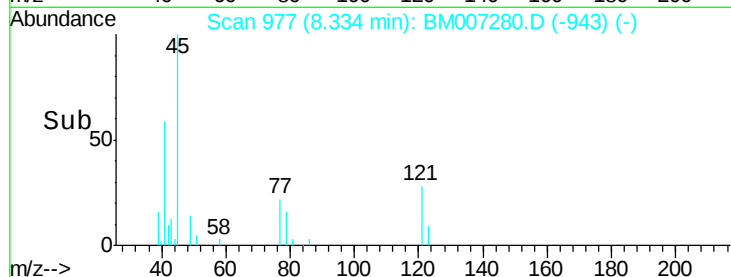
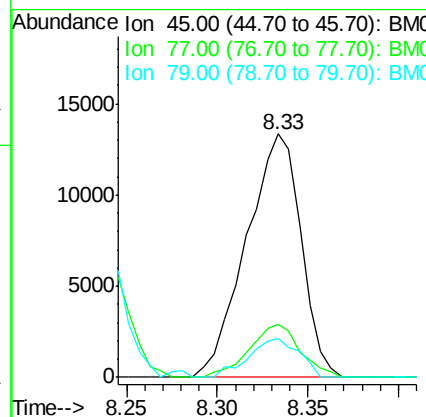
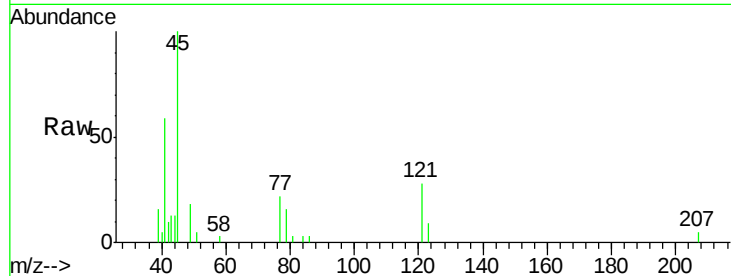
#12
 2,2'-oxybis(1-chloropropane)
 Concen: 3.07 ng/ul
 RT: 8.33 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BM007280.D
 Acq: 24 Aug 2016 16:06

Instrument :
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 MDL-05-W

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.8	14.1	21.1#
79	16.0	10.4	15.6#

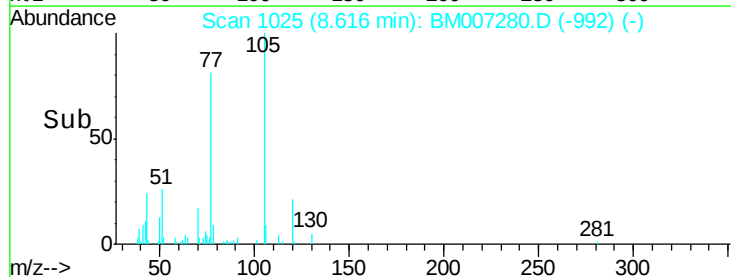
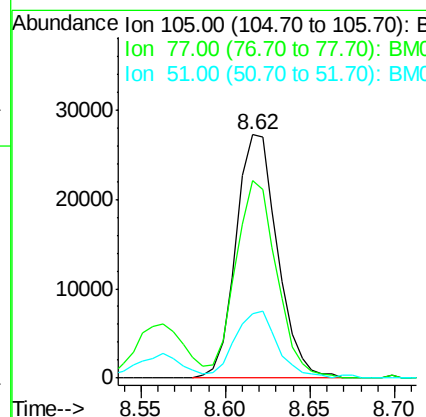
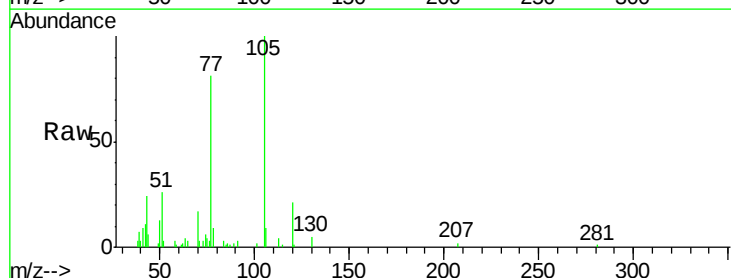
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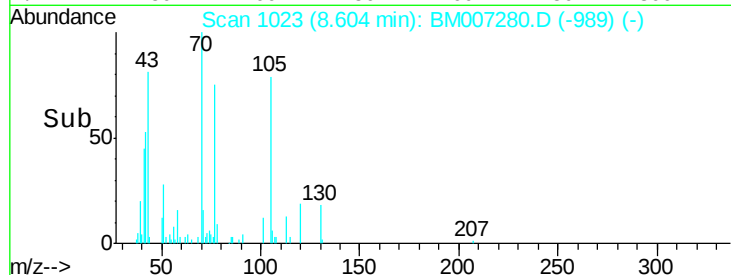
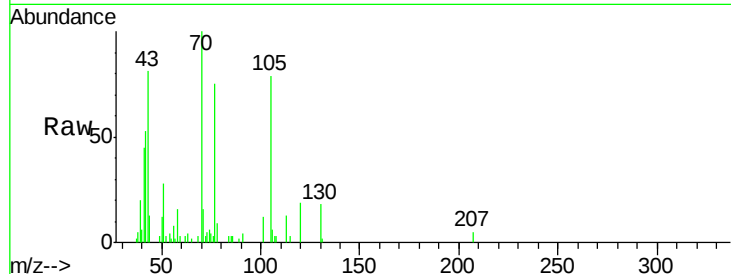
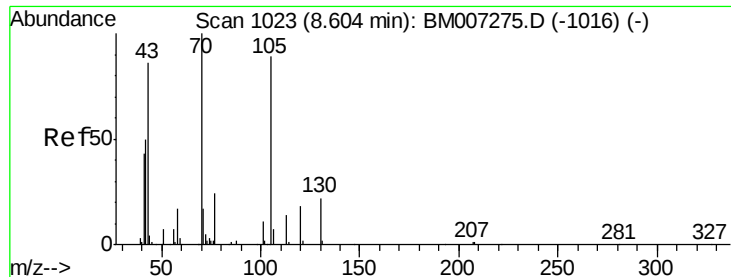
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#14
 Acetophenone
 Concen: 3.12 ng/ul
 RT: 8.62 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM007280.D
 Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Lower	Upper
105	100		
77	81.3	65.9	98.9
51	26.3	22.2	33.2





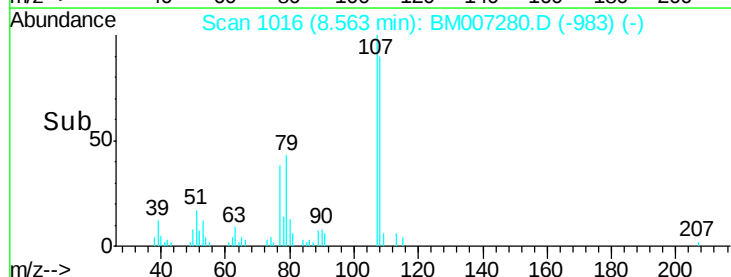
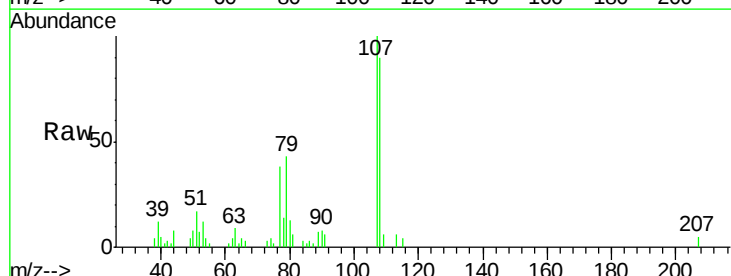
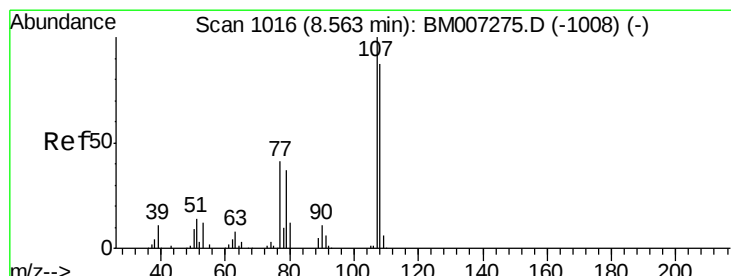
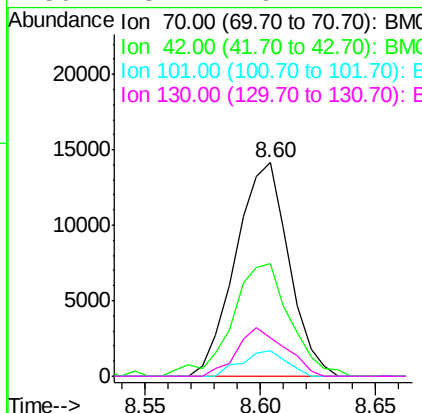
#15
N-Nitroso-di-n-propylamine
Concen: 2.86 ng/ul
RT: 8.60 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.7	43.4	65.2	
101	11.8	7.8	11.6	#
130	18.2	16.2	24.4	

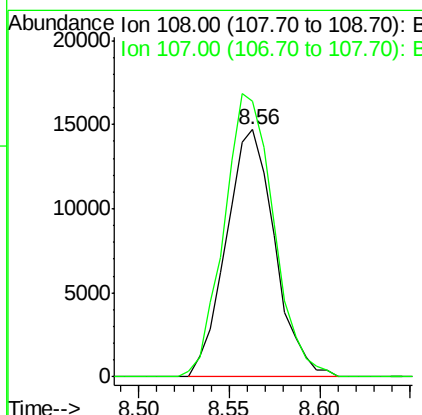
Manual Integrations
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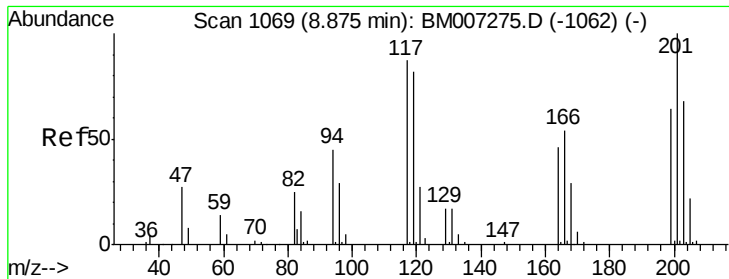
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#16
4-Methylphenol
Concen: 2.70 ng/ul
RT: 8.56 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	111.2	87.8	131.8	





#17

Hexachloroethane

Concen: 3.05 ng/ul

RT: 8.87 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Instrument :

BNA_M

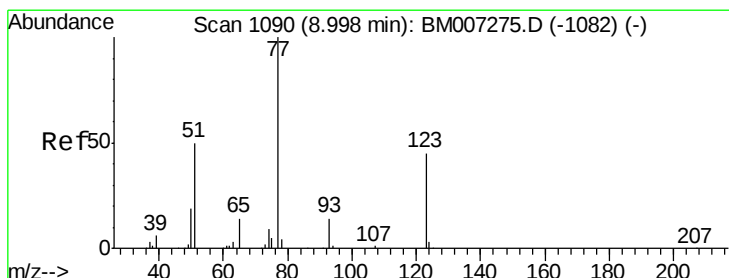
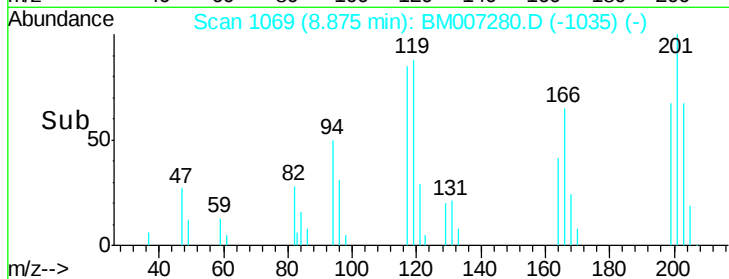
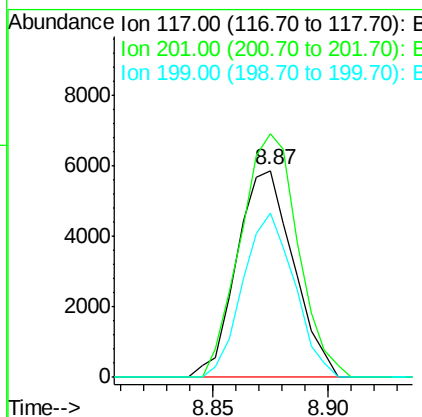
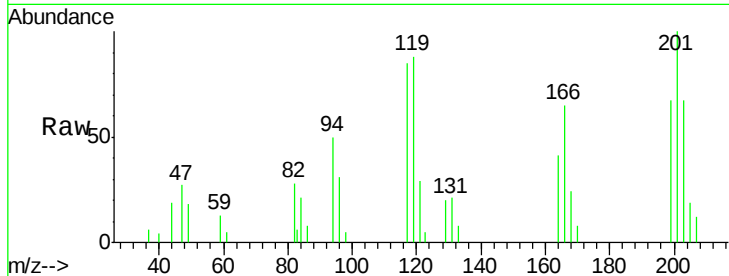
ClientSampled :

MDL-05-W

Tgt Ion:	117	Resp:	10045
Ion Ratio	Lower	Upper	
117	100		
201	117.6	90.3	135.5
199	79.2	58.5	87.7

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#20

Nitrobenzene

Concen: 3.11 ng/ul

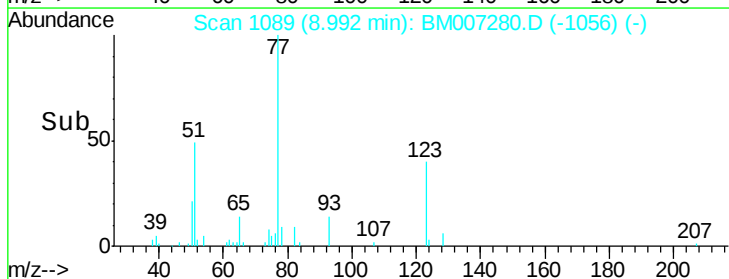
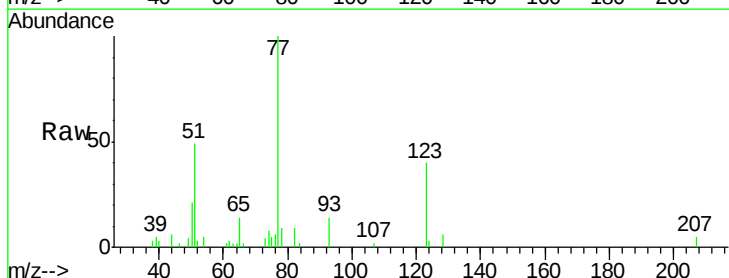
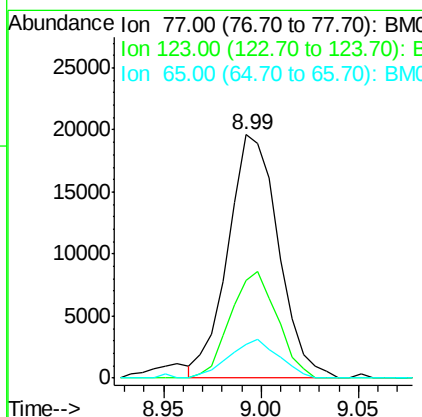
RT: 8.99 min Scan# 1089

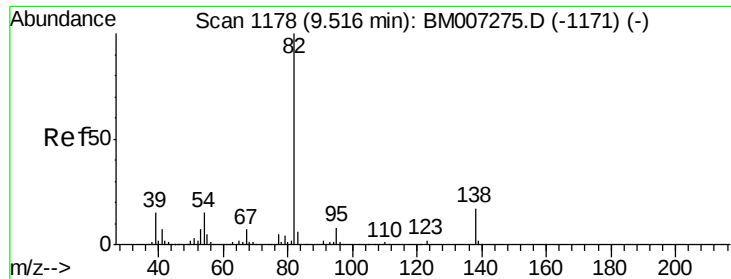
Delta R.T. -0.01 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Tgt Ion:	77	Resp:	35185
Ion Ratio	Lower	Upper	
77	100		
123	40.3	34.2	51.4
65	14.1	11.0	16.6





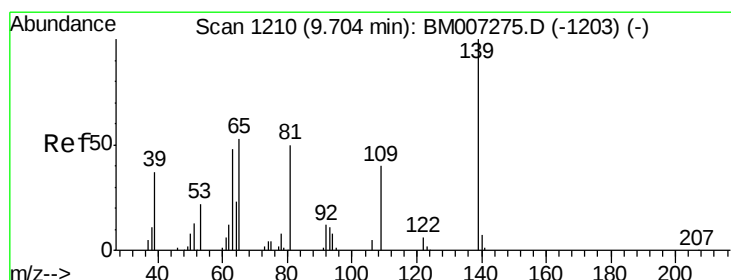
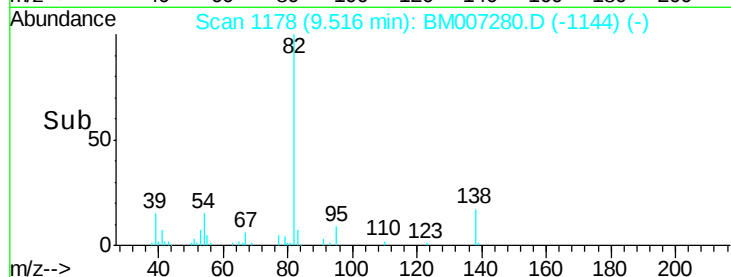
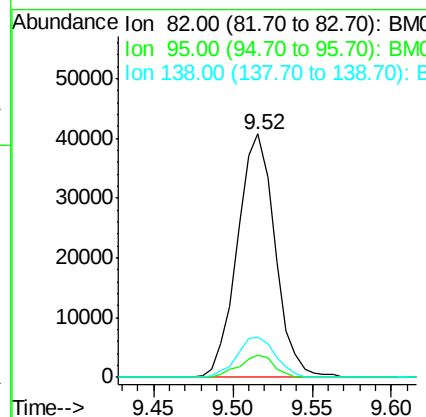
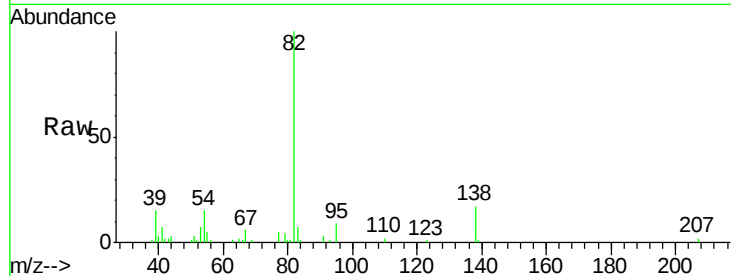
#21
Isophorone
Concen: 2.92 ng/ul
RT: 9.52 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Instrument :
BNA_M
ClientSampled :
MDL-05-W

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	67267		
95	9.0	6.9	10.3	
138	16.7	13.8	20.8	

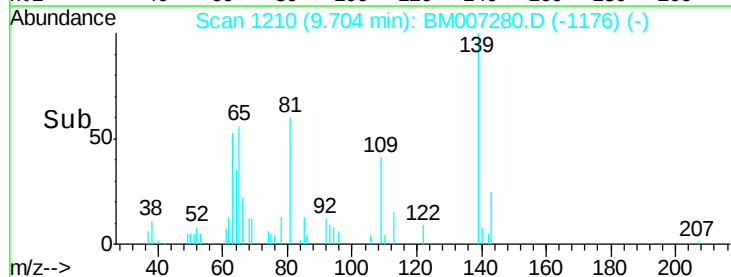
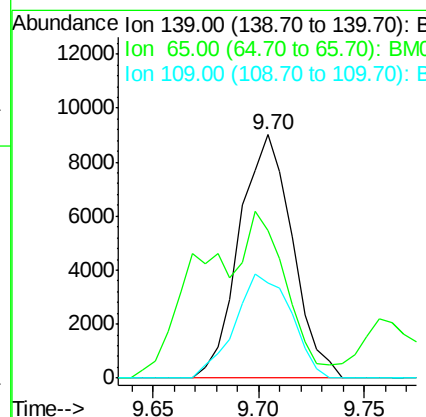
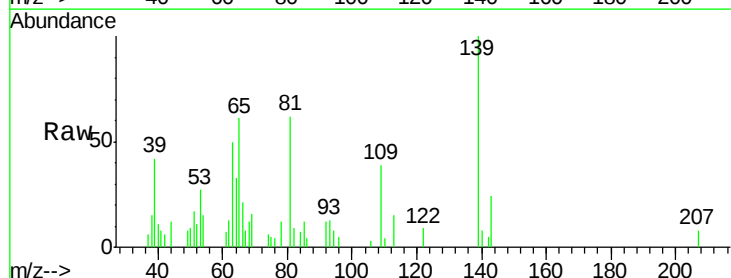
Manual Integrations
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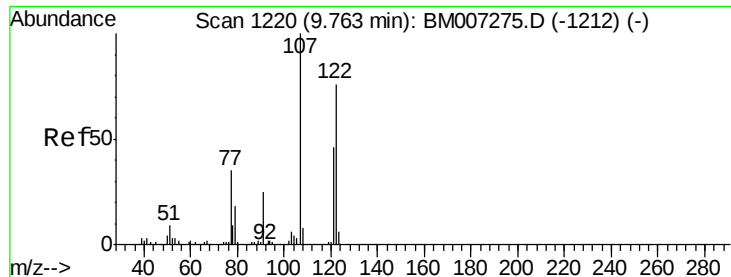
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#23
2-Nitrophenol
Concen: 2.81 ng/ul
RT: 9.70 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	15705		
65	60.6	44.2	66.4	
109	39.2	28.2	42.4	





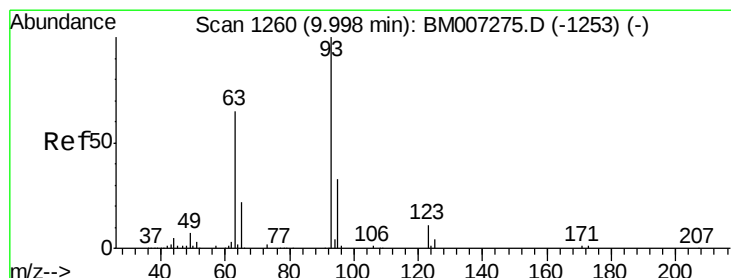
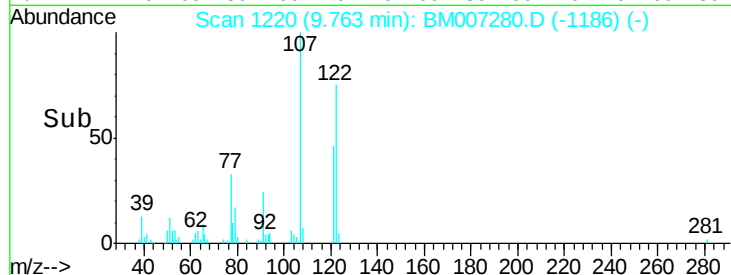
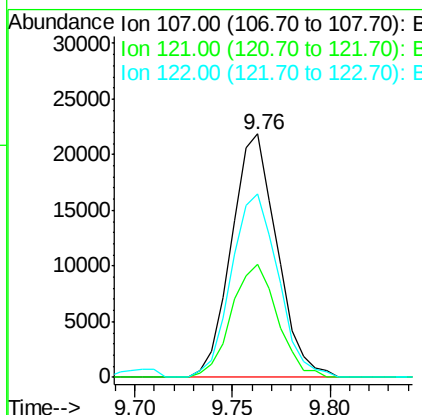
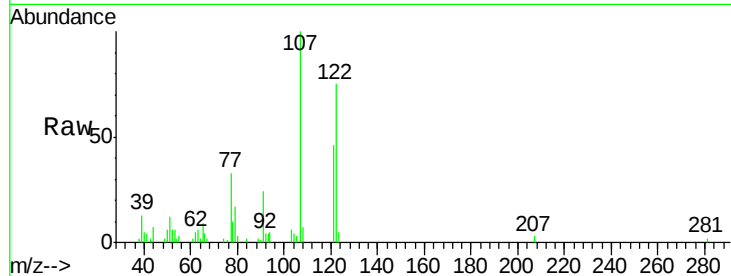
#24
 2,4-Dimethylphenol
 Concen: 2.87 ng/ul
 RT: 9.76 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BM007280.D
 Acq: 24 Aug 2016 16:06

Instrument :
 BNA_M
 ClientSampled :
 MDL-05-W

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	35388		
121	46.3	37.1	55.7	
122	75.3	62.8	94.2	

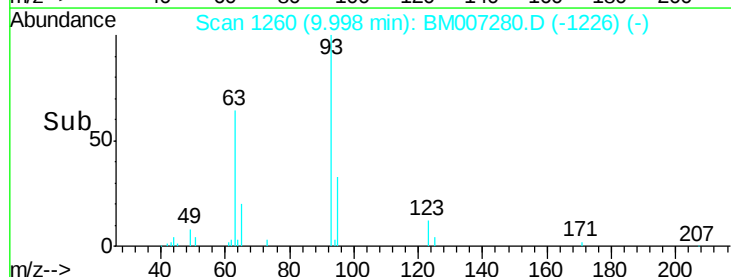
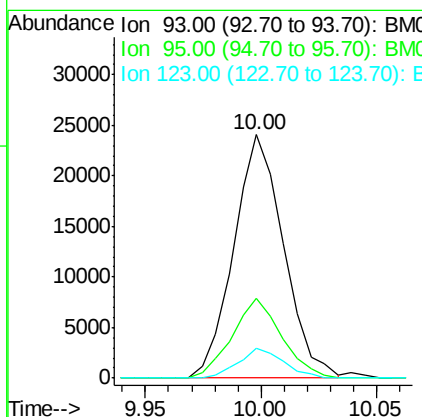
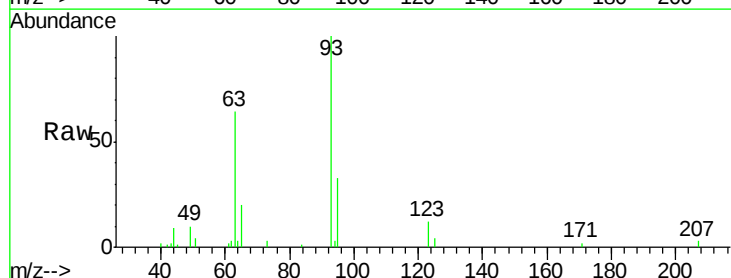
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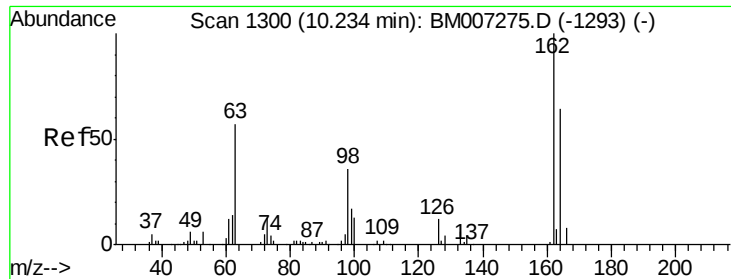
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.78 ng/ul
 RT: 10.00 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BM007280.D
 Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	36187		
95	33.0	25.4	38.0	
123	12.2	8.3	12.5	





#27

2,4-Dichlorophenol

Concen: 2.82 ng/ul

RT: 10.23 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Instrument :

BNA_M

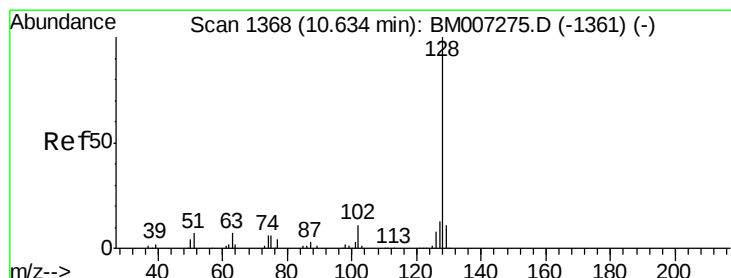
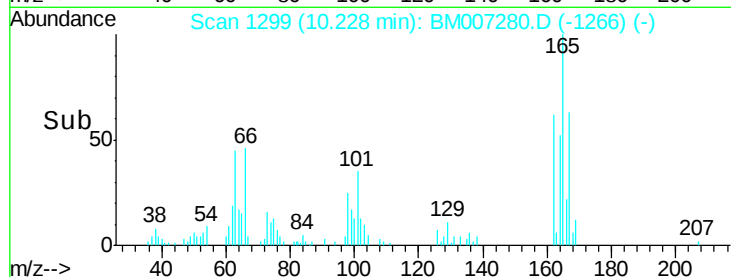
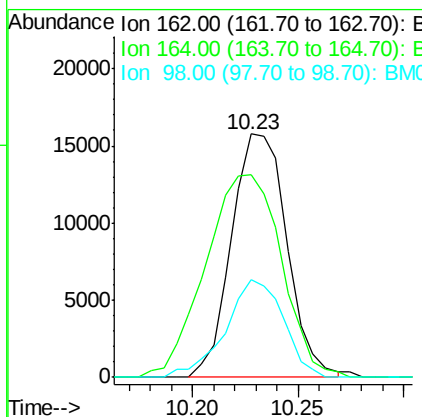
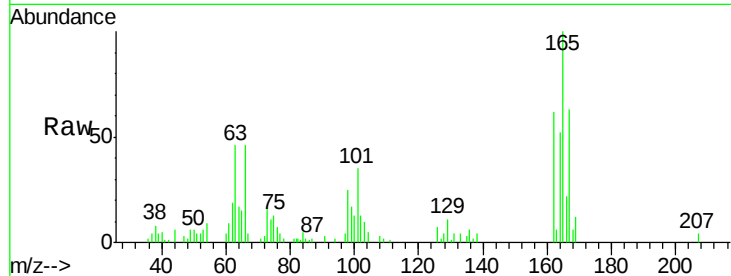
ClientSampled :

MDL-05-W

Tgt Ion:	162	Resp:	28698
Ion Ratio	Lower	Upper	
162	100		
164	83.1	51.6	77.4#
98	40.3	28.4	42.6

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#28

Naphthalene

Concen: 3.02 ng/ul

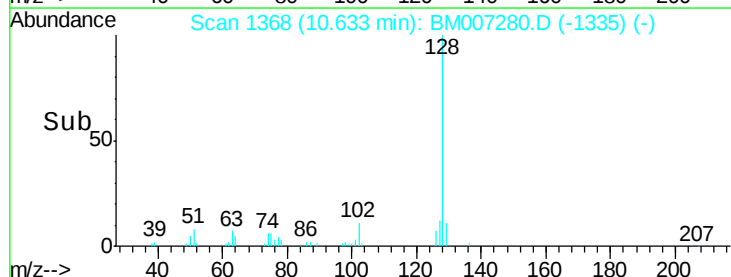
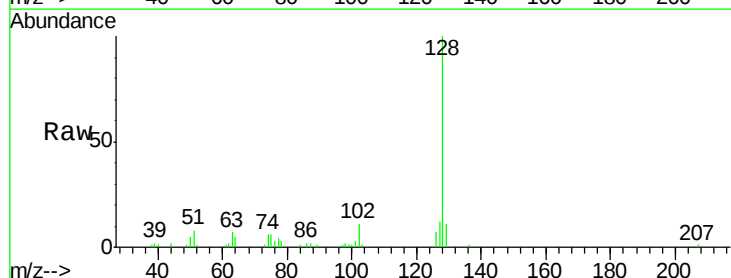
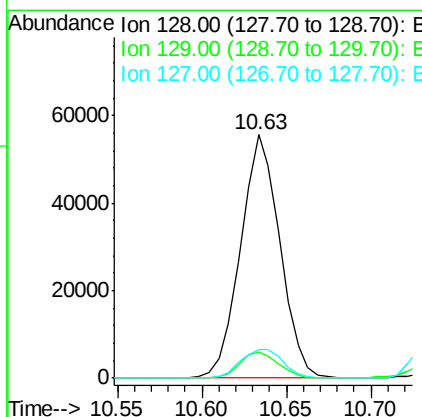
RT: 10.63 min Scan# 1368

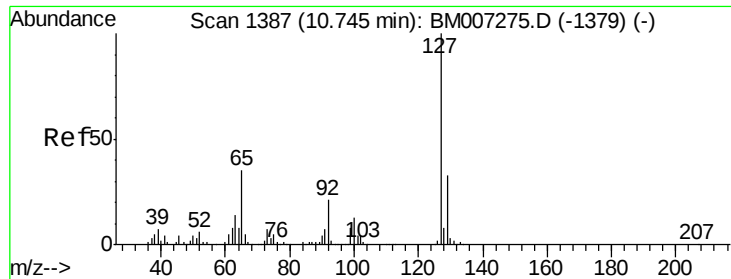
Delta R.T. -0.01 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Tgt Ion:	128	Resp:	90262
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.6	12.8
127	11.6	10.6	15.8





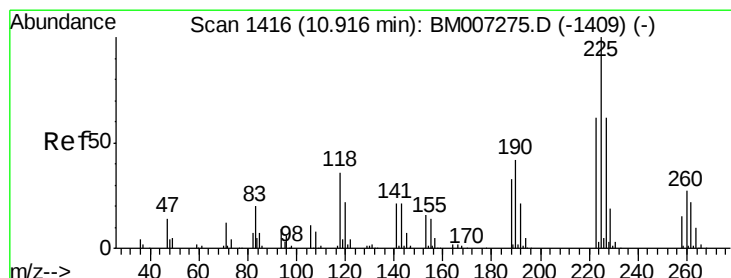
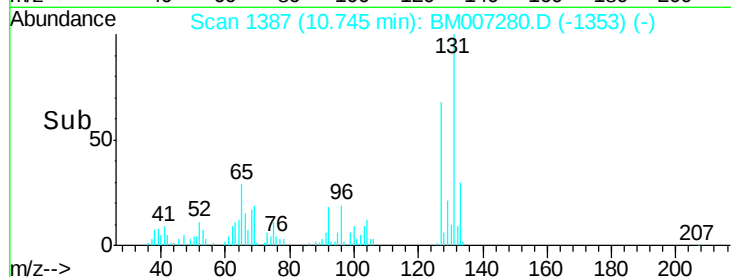
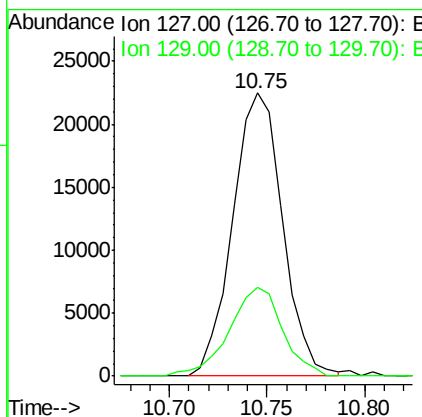
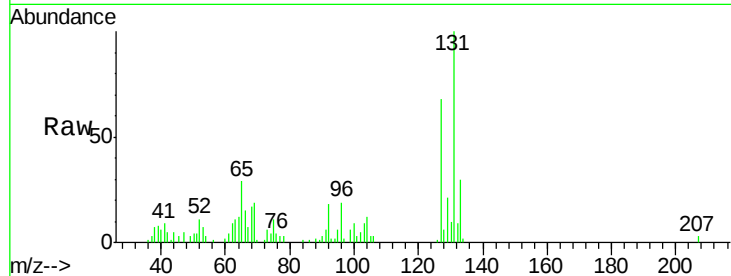
#30
4-Chloroaniline
Concen: 3.03 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Instrument :
BNA_M
ClientSampled :
MDL-05-W

Tgt Ion:127 Resp: 39887
Ion Ratio Lower Upper
127 100
129 31.5 24.6 37.0

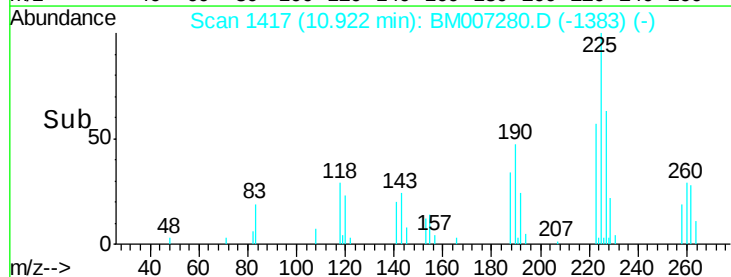
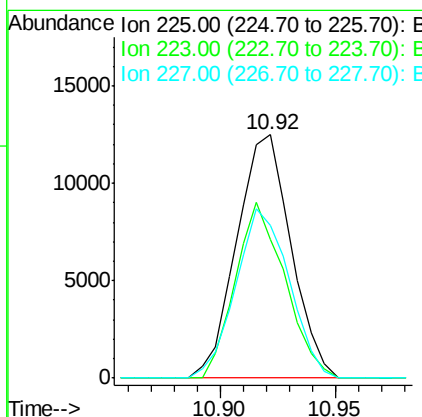
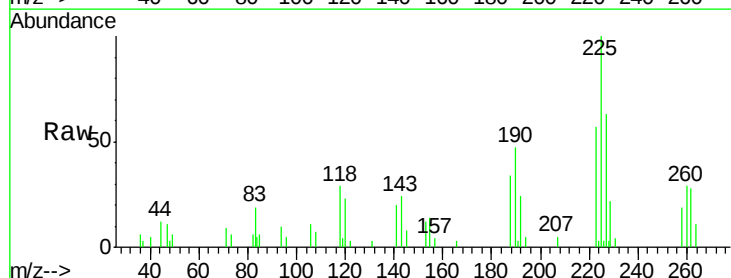
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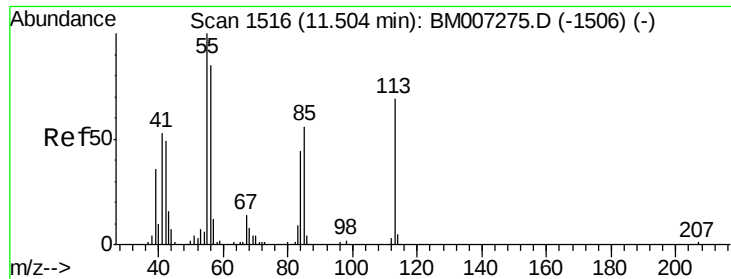
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#31
Hexachlorobutadiene
Concen: 2.97 ng/ul
RT: 10.92 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Tgt Ion:225 Resp: 20445
Ion Ratio Lower Upper
225 100
223 56.9 51.2 76.8
227 62.9 52.5 78.7





#32

Caprolactam

Concen: 2.36 ng/ul m

RT: 11.53 min Scan# 1520

Delta R.T. 0.02 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Instrument :

BNA_M

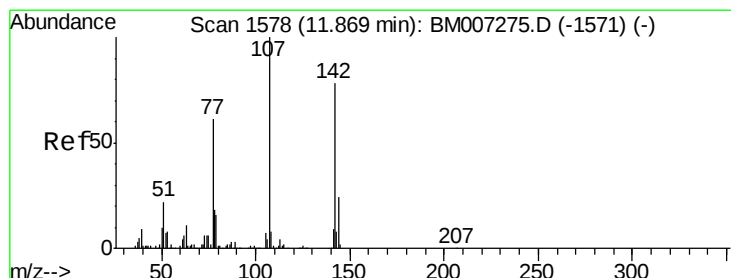
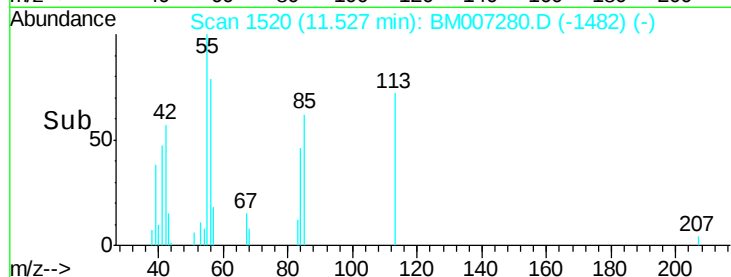
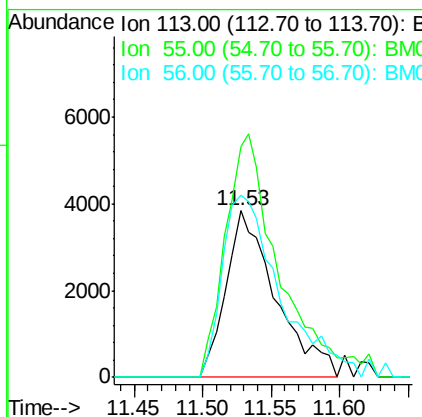
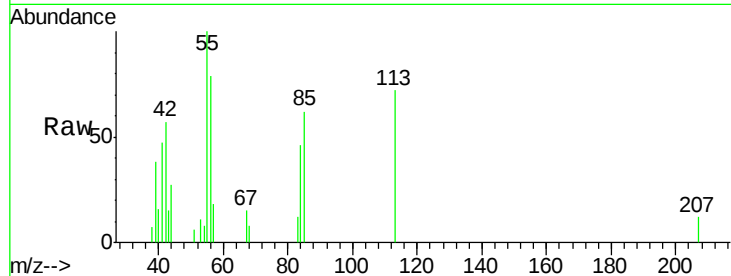
ClientSampleId :

MDL-05-W

Tgt Ion:	113	Resp:	9669
Ion	Ratio	Lower	Upper
113	100		
55	138.4	121.9	182.9
56	109.2	97.4	146.0

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#33

4-Chloro-3-methylphenol

Concen: 2.55 ng/ul

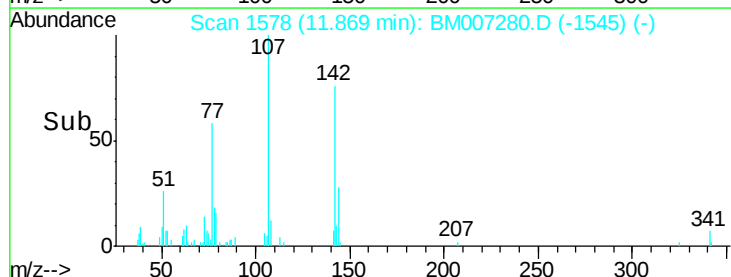
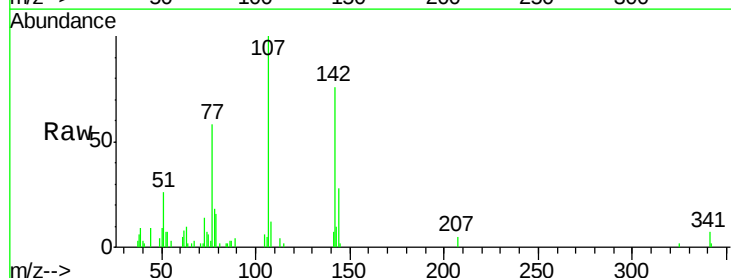
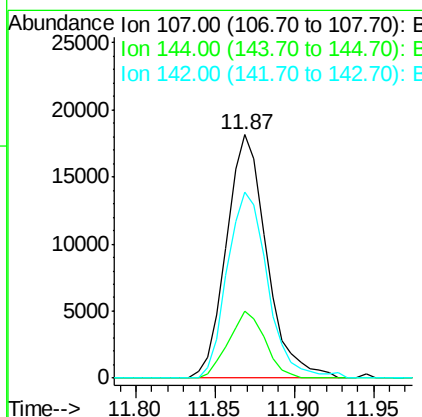
RT: 11.87 min Scan# 1578

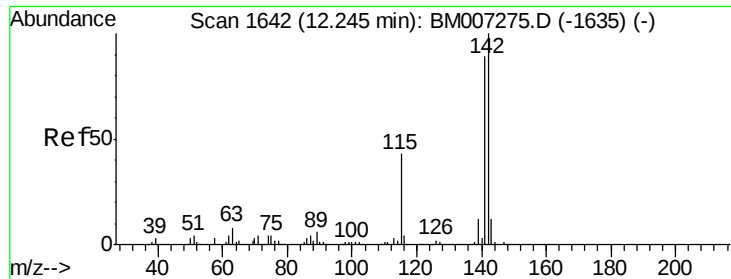
Delta R.T. -0.01 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Tgt Ion:	107	Resp:	32134
Ion	Ratio	Lower	Upper
107	100		
144	27.7	21.1	31.7
142	76.4	64.1	96.1





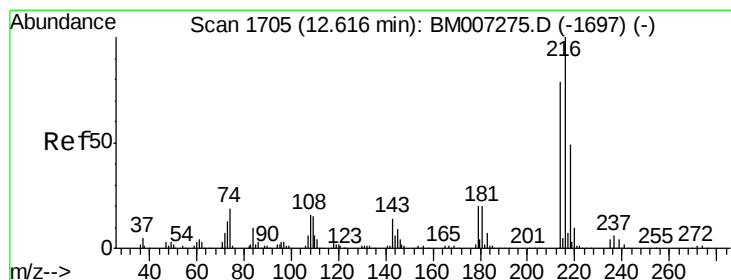
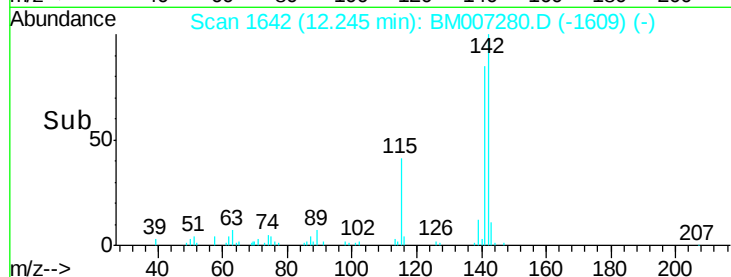
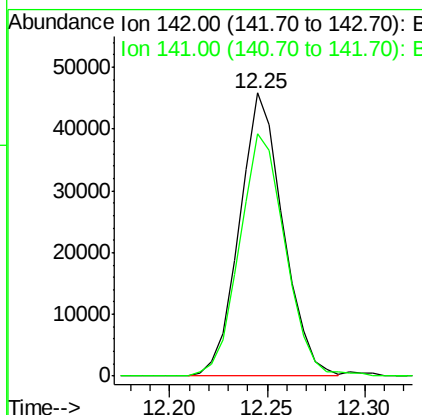
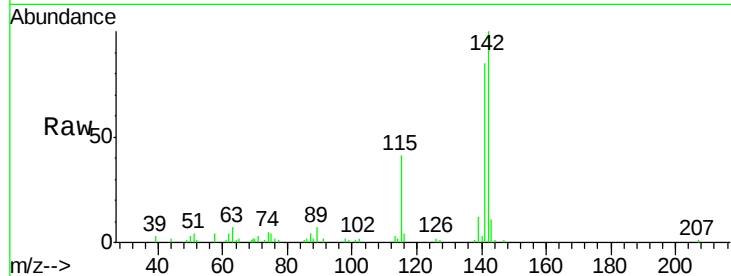
#34
2-Methylnaphthalene
Concen: 2.91 ng/ul
RT: 12.25 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Instrument :
BNA_M
ClientSampled :
MDL-05-W

Tgt Ion:142 Resp: 71099
Ion Ratio Lower Upper
142 100
141 85.5 71.3 106.9

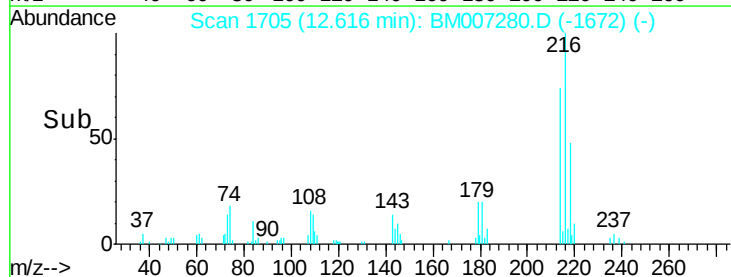
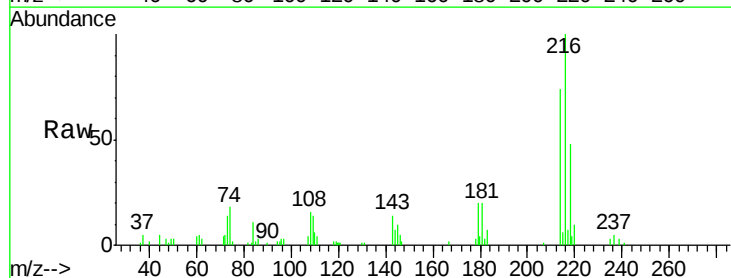
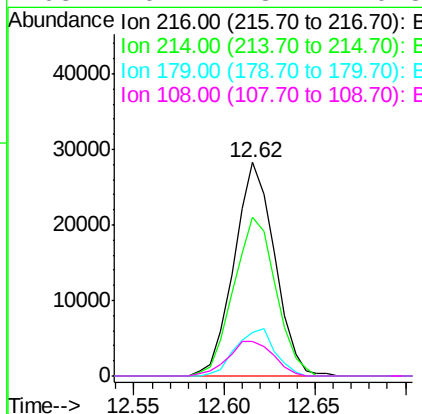
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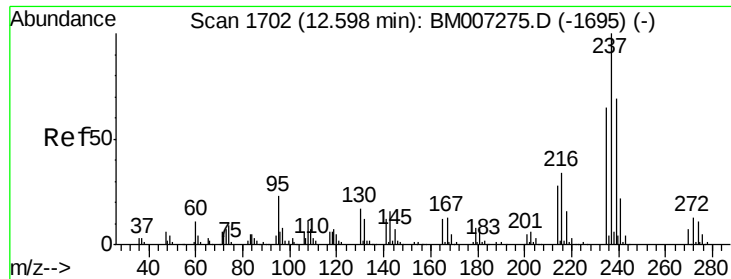
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 2.96 ng/ul
RT: 12.62 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Tgt Ion:216 Resp: 44061
Ion Ratio Lower Upper
216 100
214 74.4 64.8 97.2
179 20.2 16.7 25.1
108 16.1 13.2 19.8





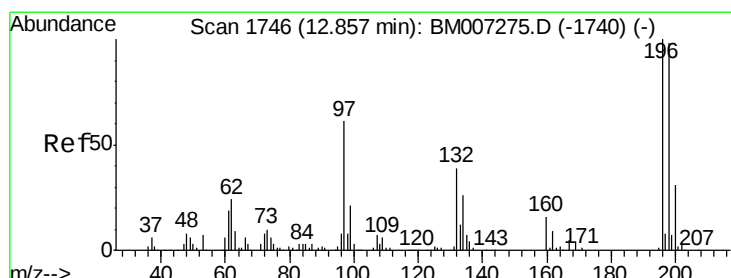
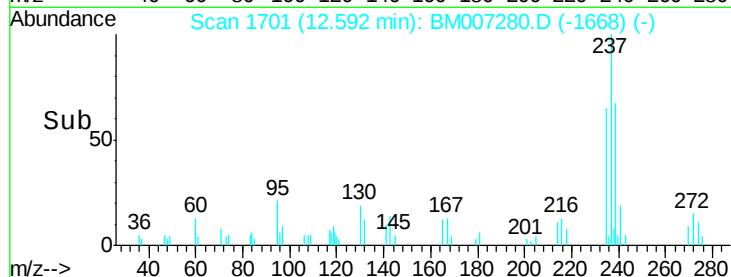
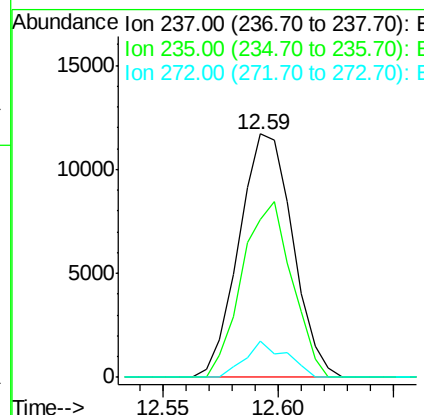
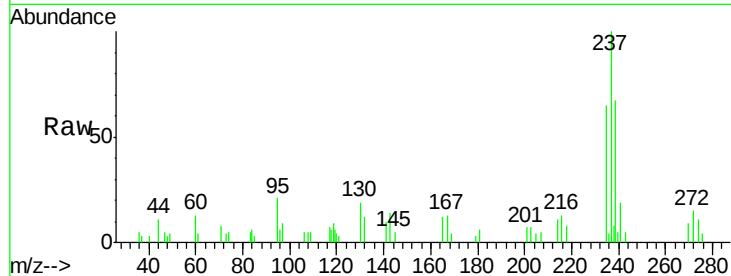
#37
Hexachlorocyclopentadiene
Concen: 2.12 ng/ul
RT: 12.59 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Instrument :
BNA_M
ClientSampled :
MDL-05-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.0	49.6	74.4
272	14.8	10.4	15.6

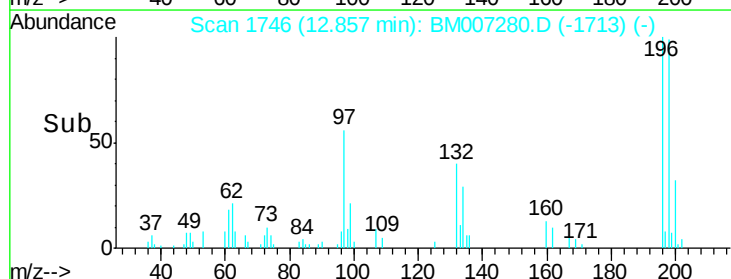
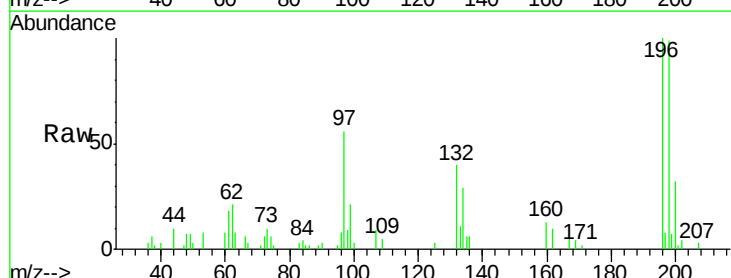
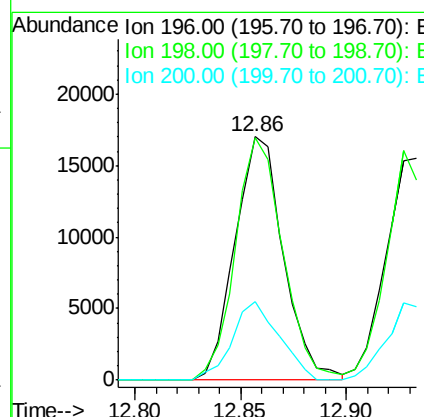
Manual Integrations
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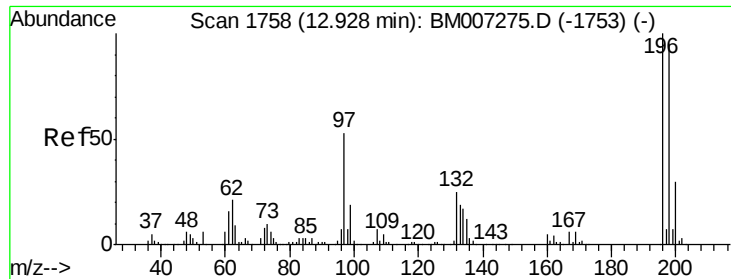
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#38
2,4,6-Trichlorophenol
Concen: 2.58 ng/ul
RT: 12.86 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	99.4	76.9	115.3
200	32.5	25.1	37.7





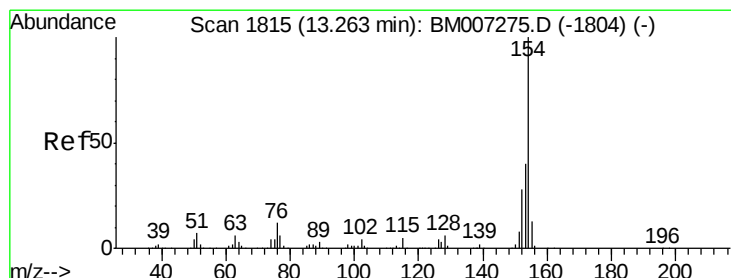
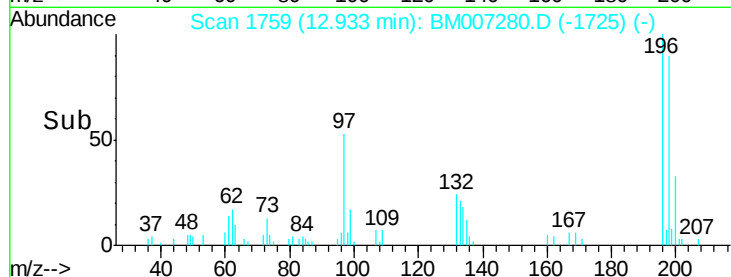
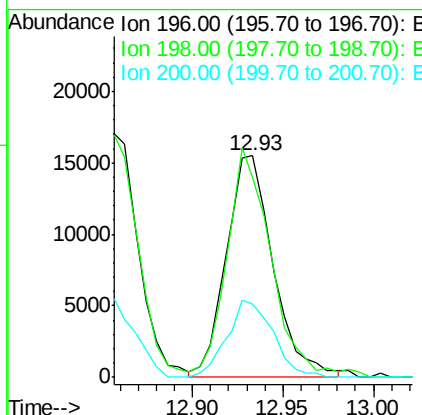
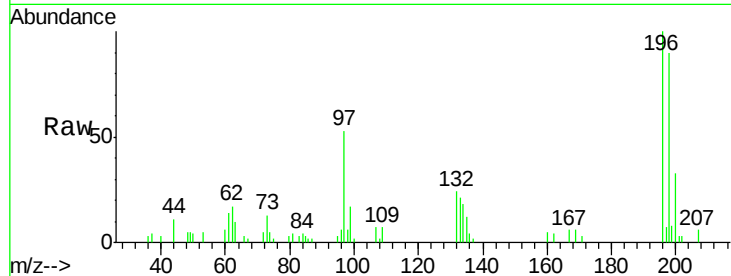
#39
 2,4,5-Trichlorophenol
 Concen: 2.55 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM007280.D
 Acq: 24 Aug 2016 16:06

Instrument :
 BNA_M
 ClientSampled :
 MDL-05-W

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	28009		
198	90.2	76.8	115.2	
200	33.3	27.0	40.4	

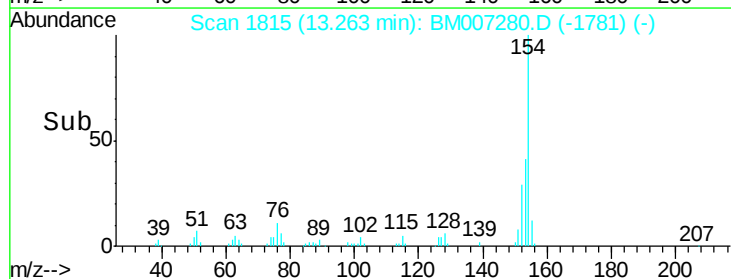
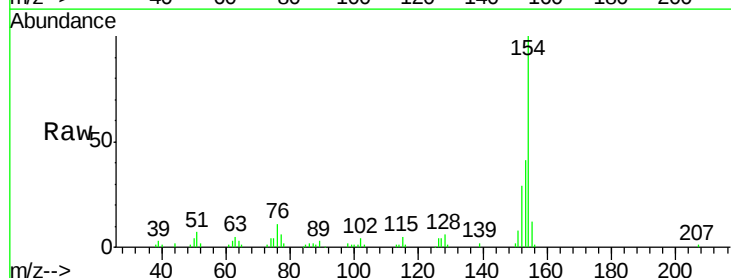
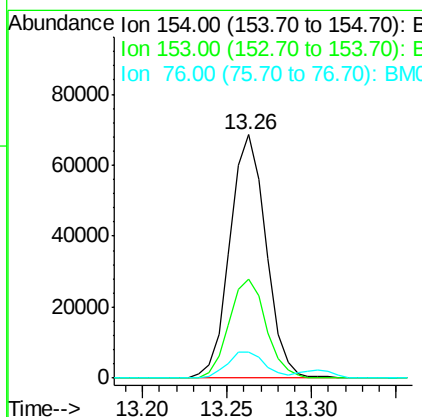
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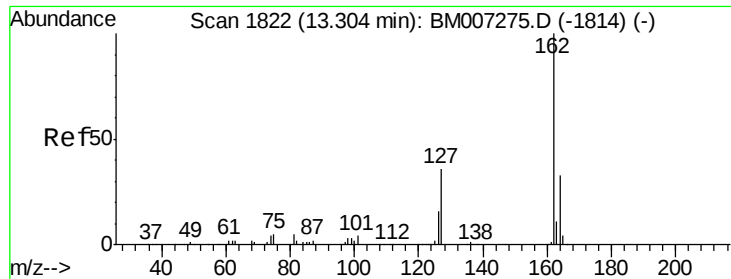
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#40
 1,1'-Biphenyl
 Concen: 2.95 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BM007280.D
 Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	102239		
153	40.7	31.3	46.9	
76	10.5	10.0	15.0	





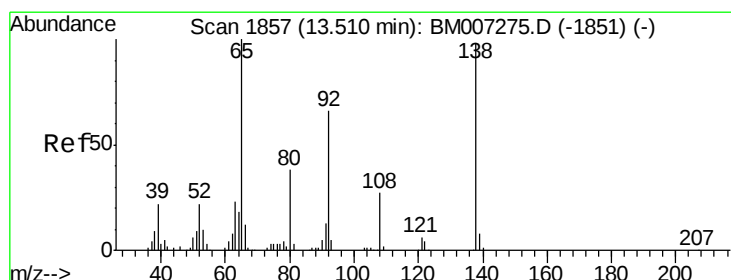
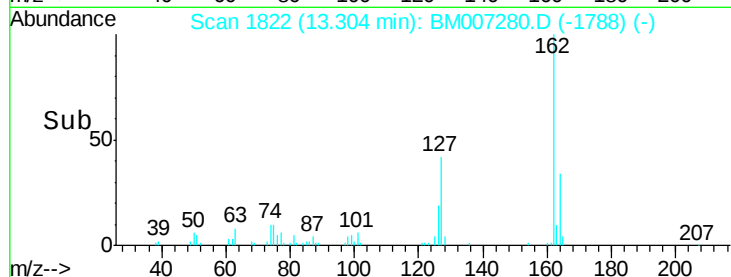
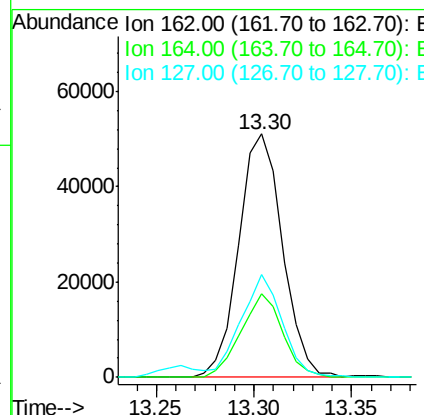
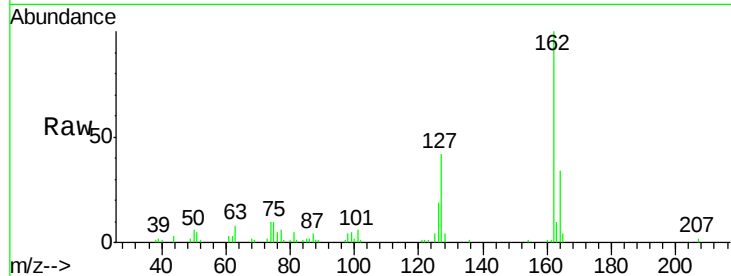
#41
2-Chloronaphthalene
Concen: 2.92 ng/ul
RT: 13.30 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
162	100		
164	34.5	26.9	40.3
127	42.4	31.2	46.8

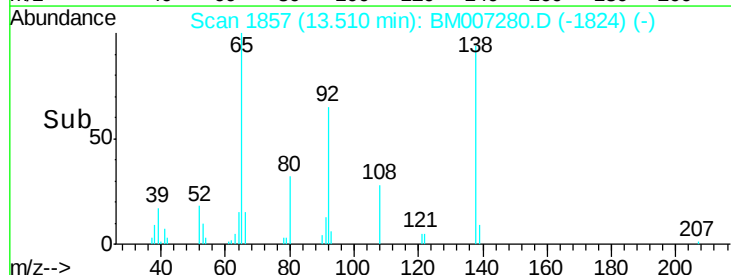
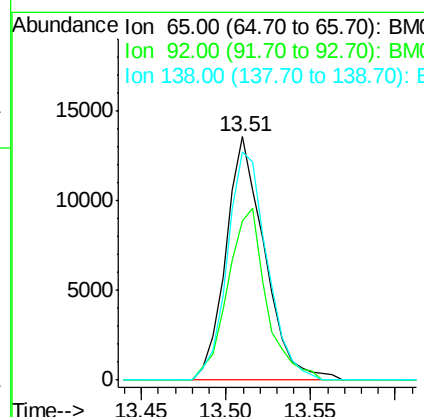
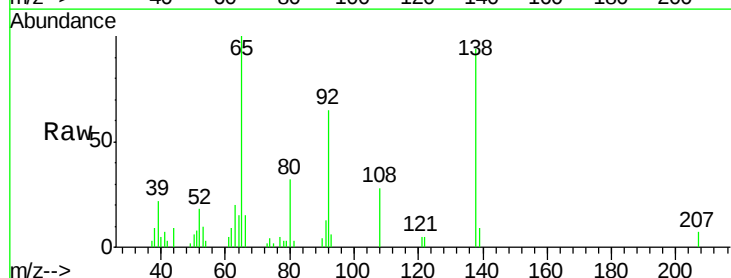
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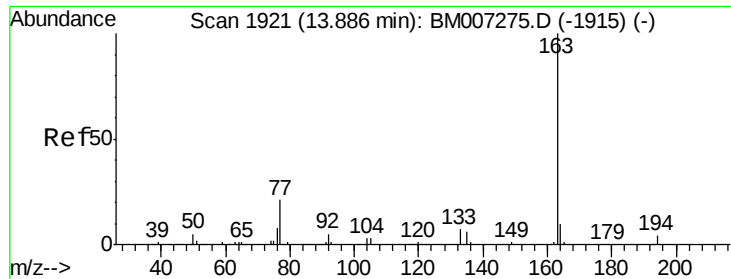
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#42
2-Nitroaniline
Concen: 2.45 ng/ul
RT: 13.51 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.4	55.6	83.4
138	93.5	81.3	121.9





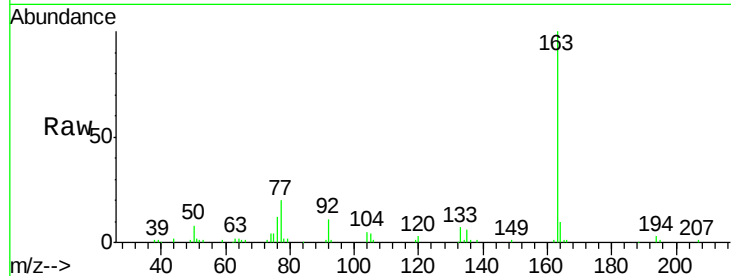
#44
Dimethylphthalate
Concen: 3.14 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

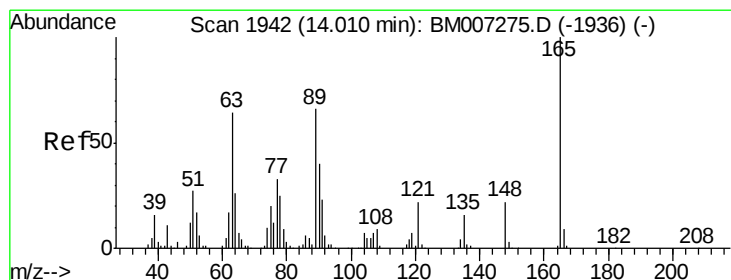
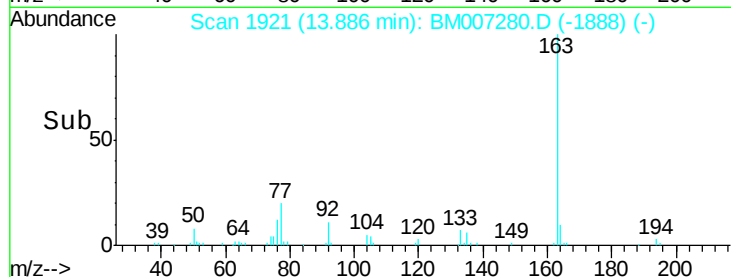
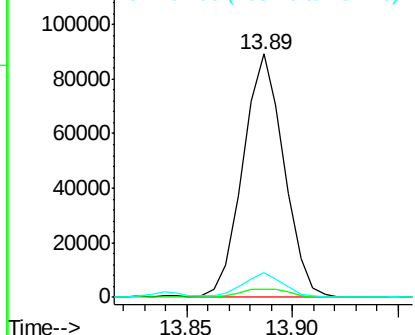
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	120558		
194	3.3	3.4	5.2#	
164	10.0	7.8	11.8	

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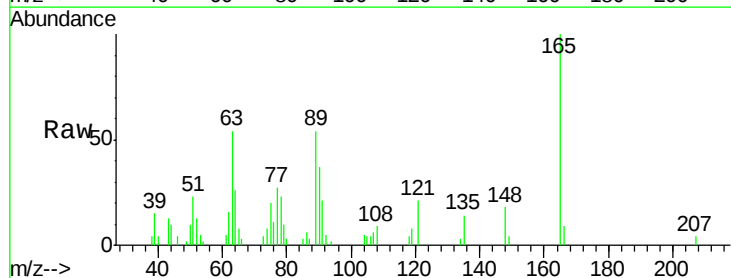


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

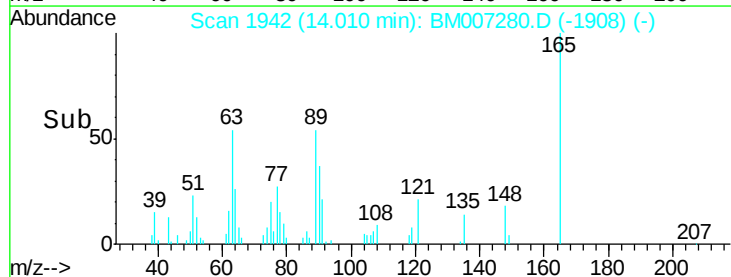
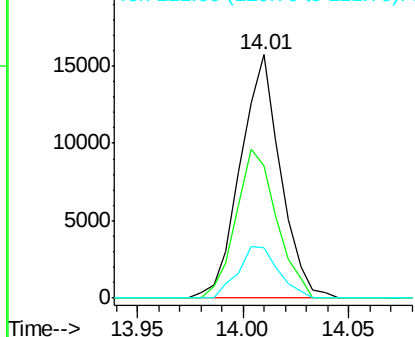


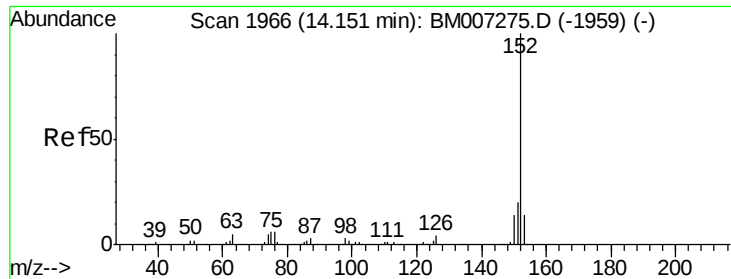
#45
2,6-Dinitrotoluene
Concen: 2.65 ng/ul
RT: 14.01 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	20765		
89	54.1	46.6	69.8	
121	20.8	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





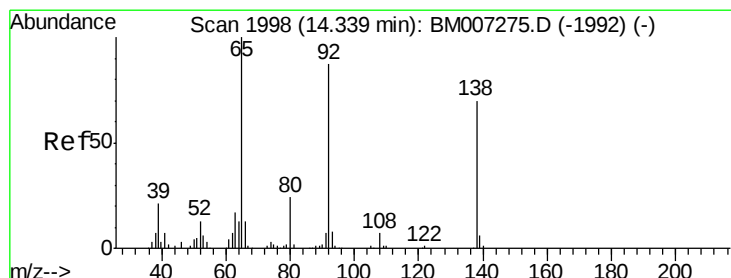
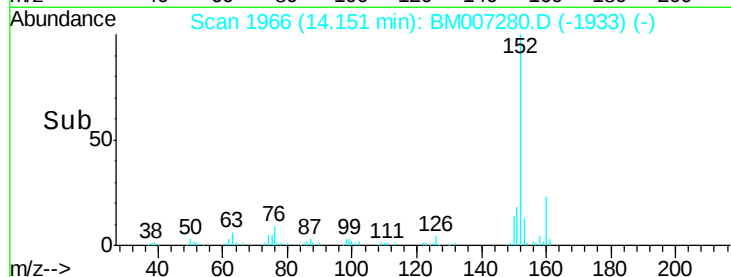
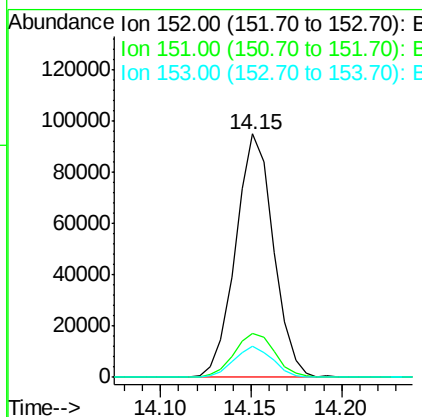
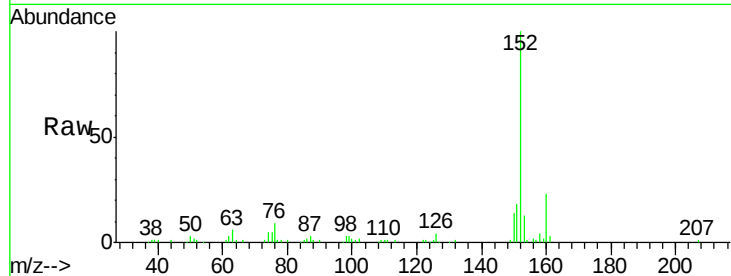
#47
Acenaphthylene
Concen: 3.00 ng/ul
RT: 14.15 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	137652		
151	17.9	16.0	24.0	
153	12.9	11.0	16.6	

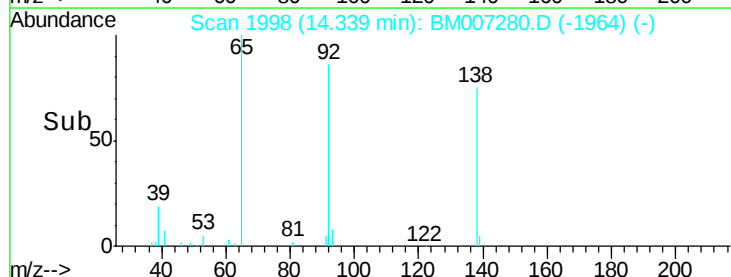
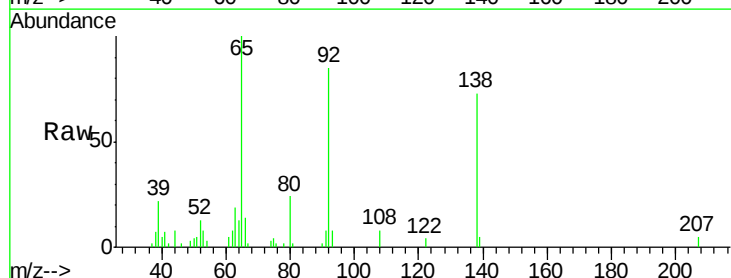
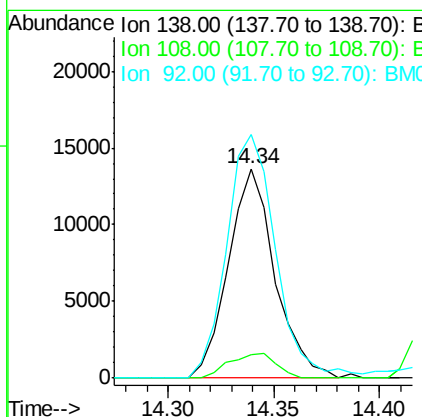
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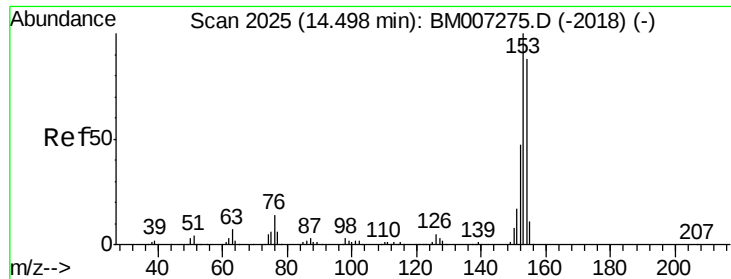
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#48
3-Nitroaniline
Concen: 2.60 ng/ul
RT: 14.34 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	20837		
108	11.1	9.4	14.0	
92	116.1	96.6	145.0	





#49

Acenaphthene

Concen: 2.91 ng/ul

RT: 14.49 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Instrument :

BNA_M

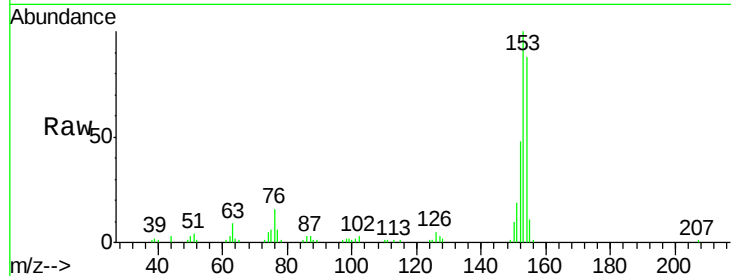
ClientSampleId :

MDL-05-W

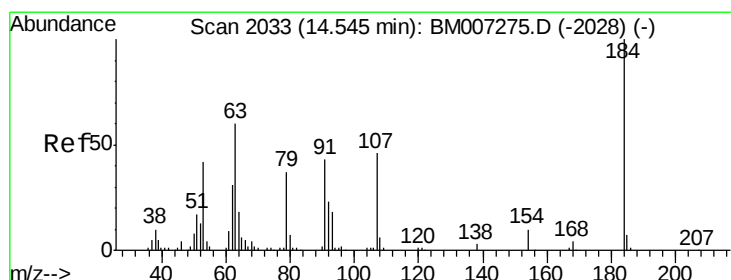
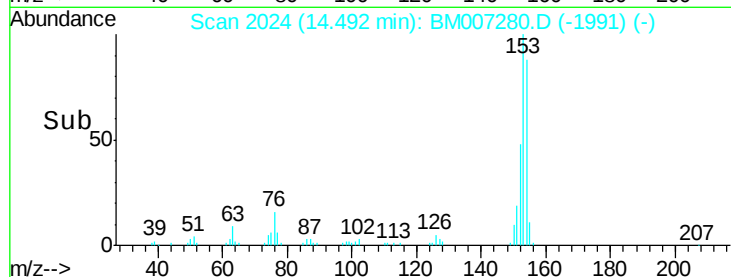
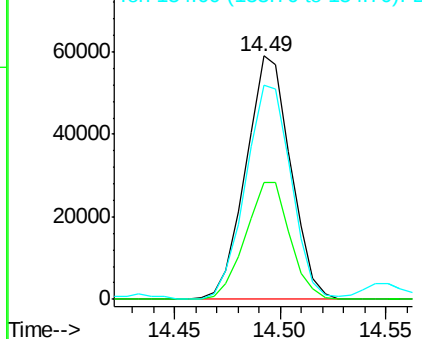
Tgt Ion:	153	Resp:	87119
Ion Ratio	Lower	Upper	
153	100		
152	48.2	37.8	56.6
154	88.1	71.4	107.0

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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: 1.64 ng/ul

RT: 14.54 min Scan# 2033

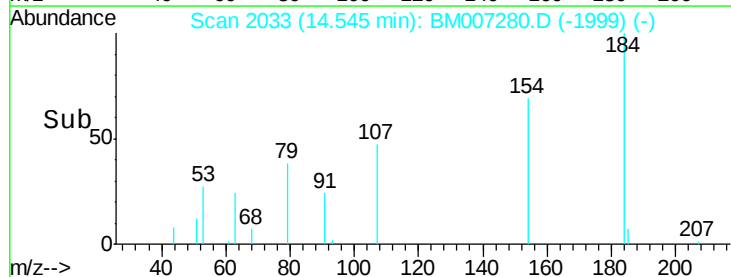
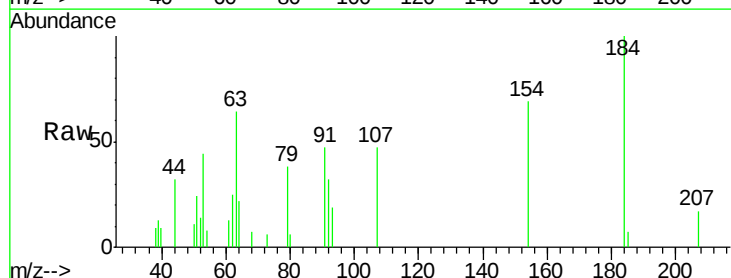
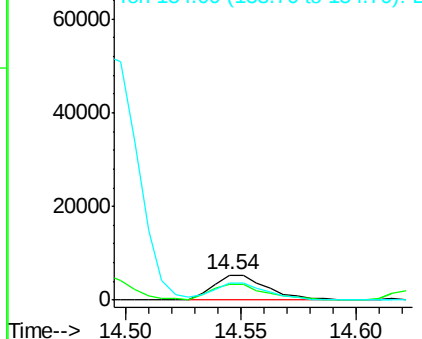
Delta R.T. 0.00 min

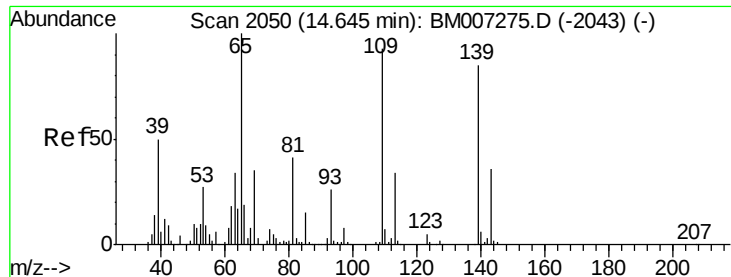
Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Tgt Ion:	184	Resp:	8748
Ion Ratio	Lower	Upper	
184	100		
63	64.4	43.4	65.0
154	69.5	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: 3.17 ng/ul

RT: 14.64 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Instrument :

BNA_M

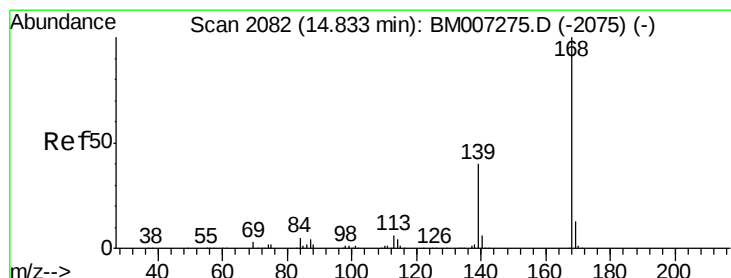
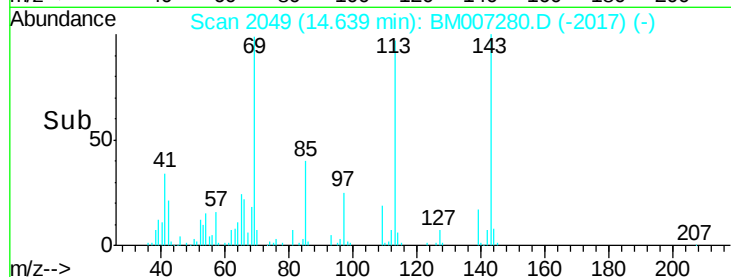
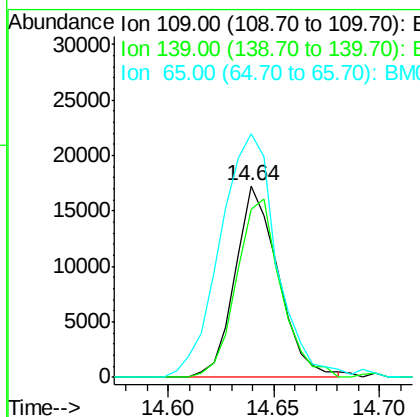
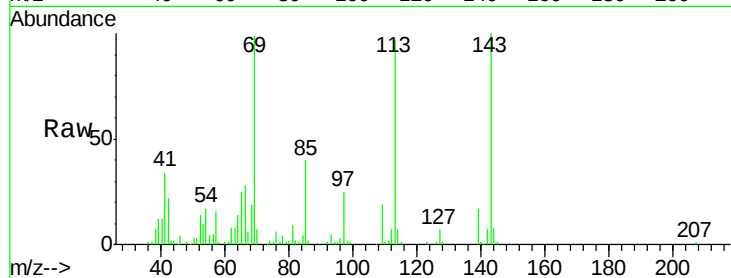
ClientSampleId :

MDL-05-W

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	24523		
139	87.7	88.7	133.1#	
65	127.0	96.4	144.6	

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#53

Dibenzofuran

Concen: 3.05 ng/ul

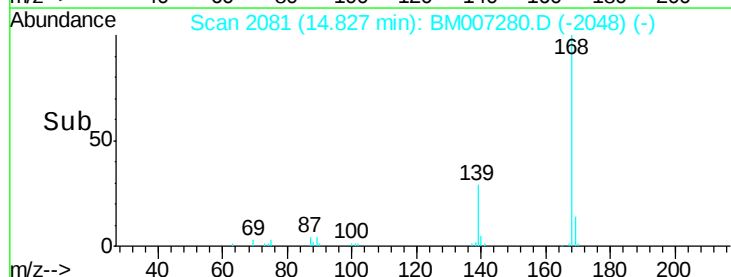
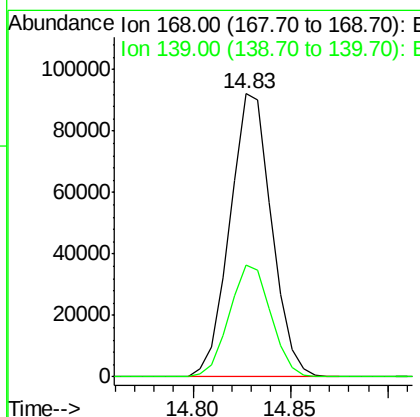
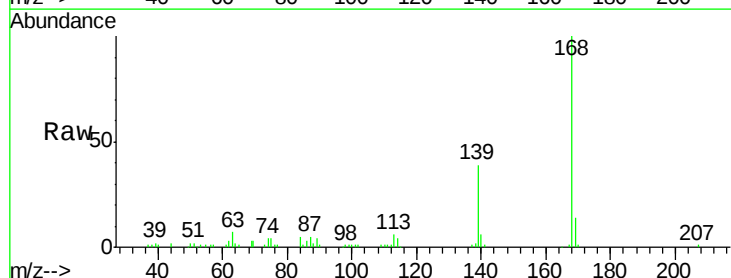
RT: 14.83 min Scan# 2081

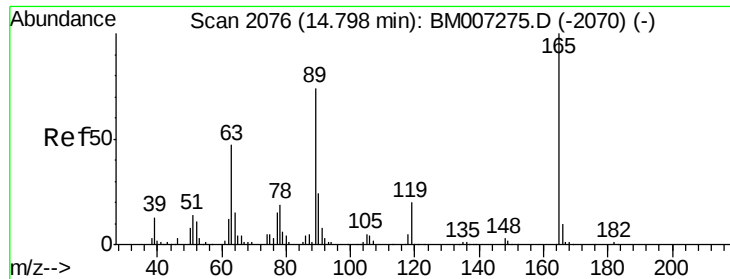
Delta R.T. -0.01 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	136372		
139	39.5	30.1	45.1	





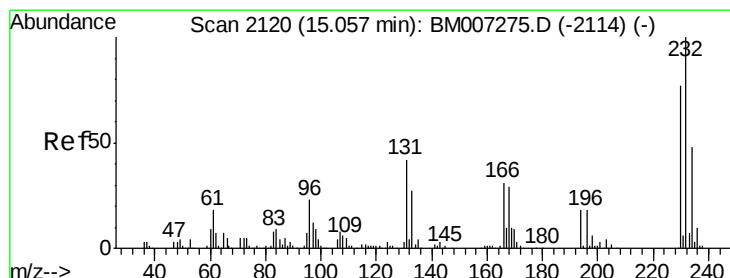
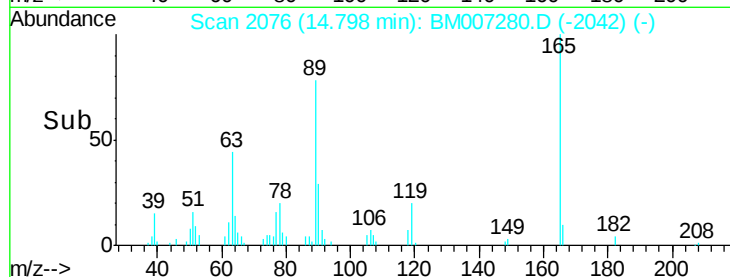
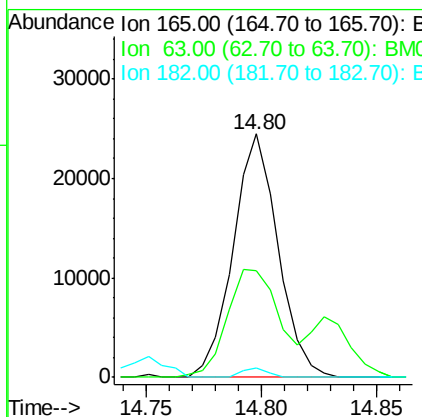
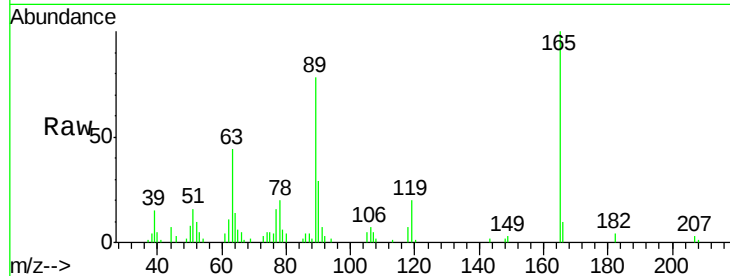
#54
 2,4-Dinitrotoluene
 Concen: 2.76 ng/ul
 RT: 14.80 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BM007280.D
 Acq: 24 Aug 2016 16:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-W

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	33142		
63	43.6	36.2	54.2	
182	3.7	2.2	3.4	

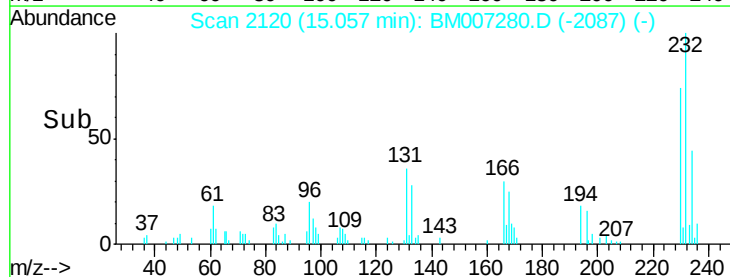
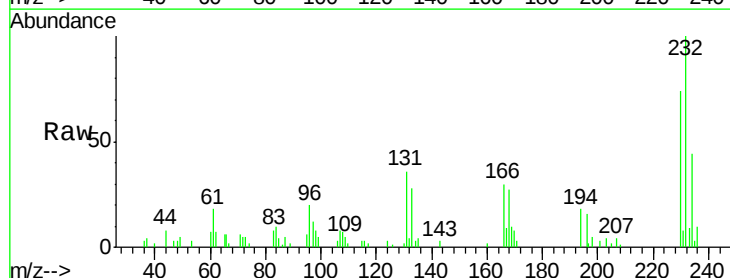
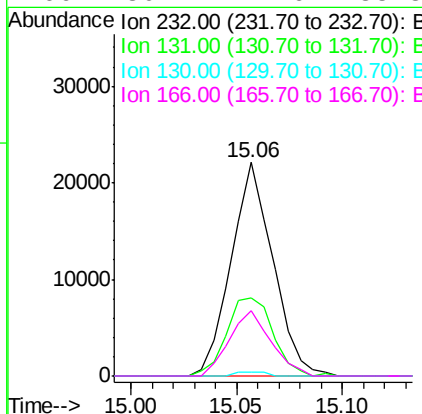
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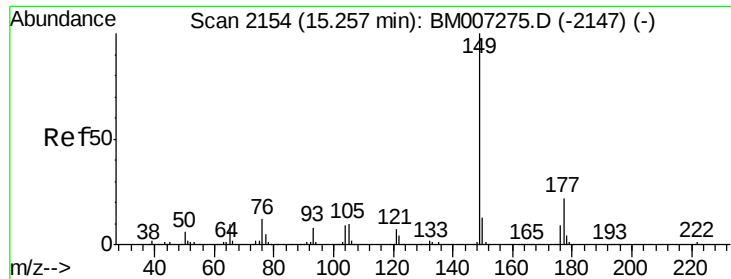
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.70 ng/ul
 RT: 15.06 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BM007280.D
 Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	30315		
131	36.5	31.4	47.0	
130	1.7	1.6	2.4	
166	30.4	22.6	33.8	





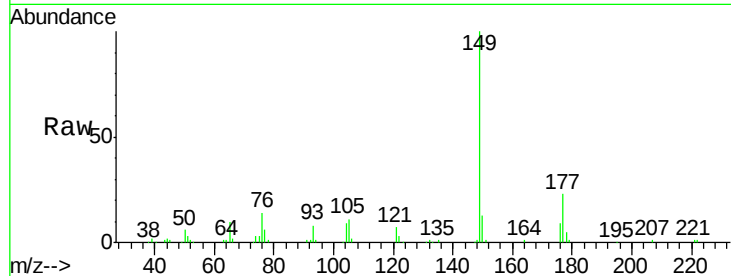
#56
Diethylphthalate
Concen: 2.97 ng/ul
RT: 15.25 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

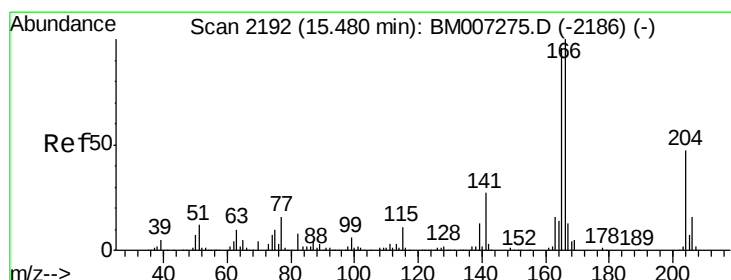
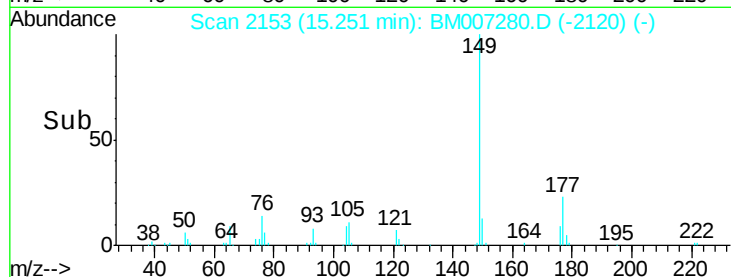
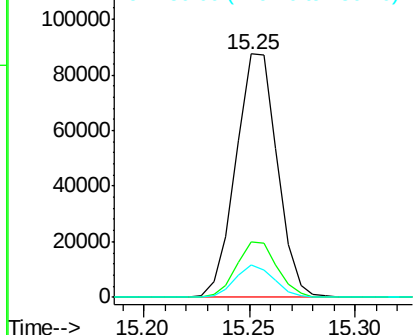
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	118983		
177	22.7	18.6	28.0	
150	13.1	10.0	15.0	

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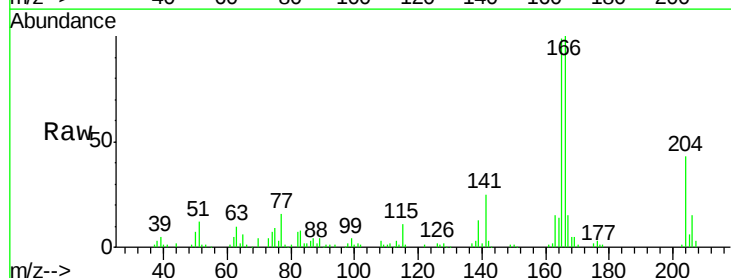


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

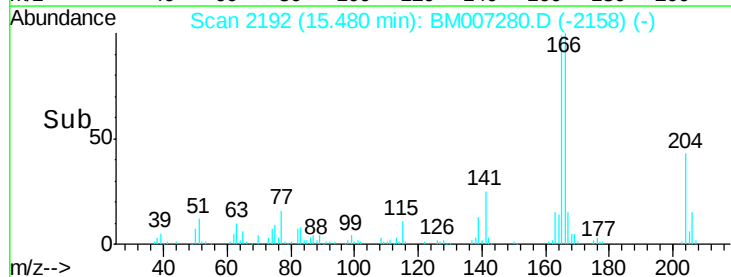
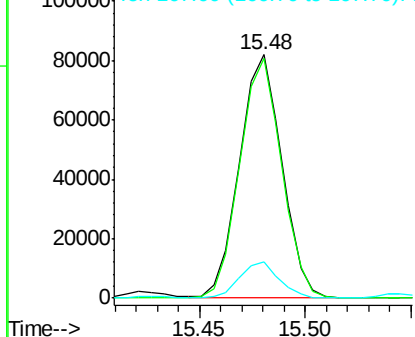


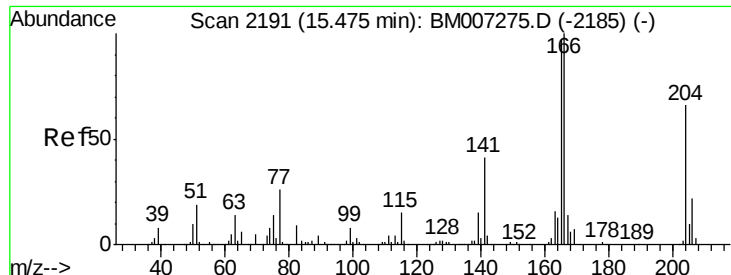
#58
Fluorene
Concen: 3.11 ng/ul
RT: 15.48 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	114661		
165	98.6	79.9	119.9	
167	14.9	10.5	15.7	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





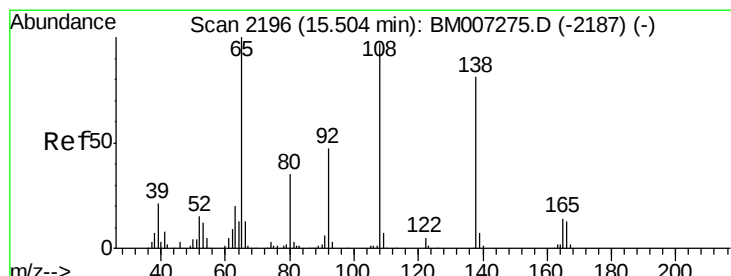
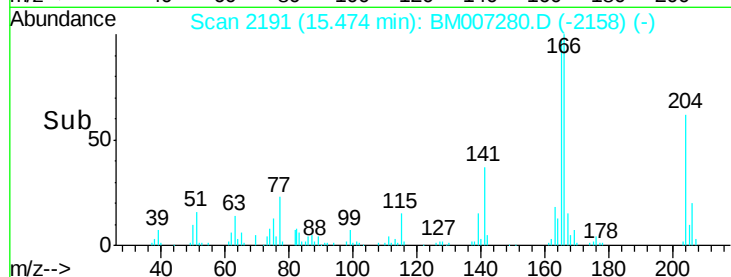
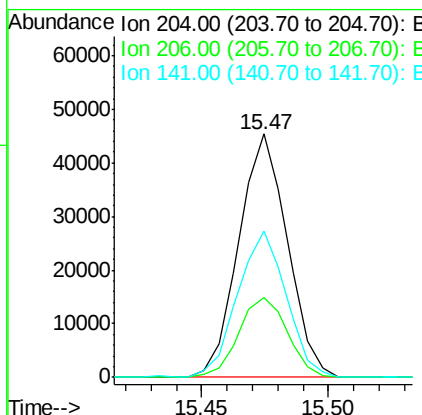
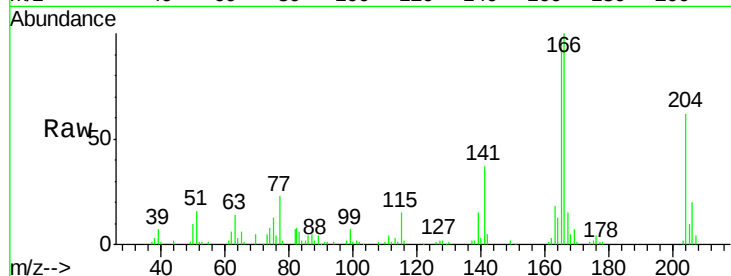
#59
 4-Chlorophenyl-phenylether
 Concen: 3.15 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007280.D
 Acq: 24 Aug 2016 16:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-W

Tgt Ion:	204	Resp:	60686
Ion Ratio	Lower	Upper	
204	100		
206	32.7	25.9	38.9
141	60.0	46.1	69.1

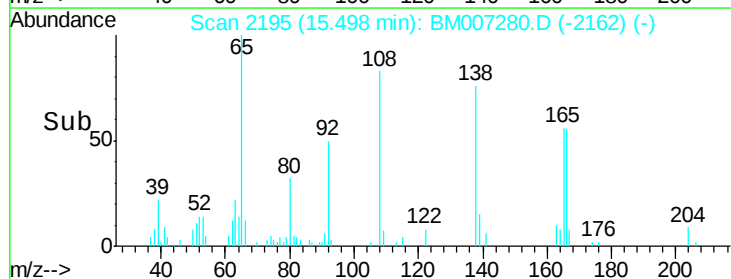
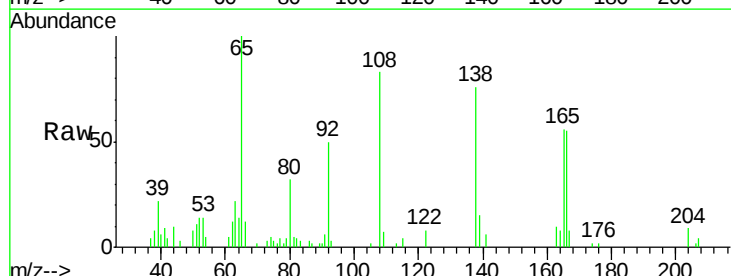
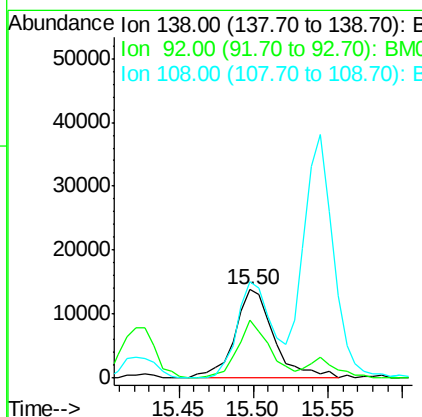
Manual Integrations
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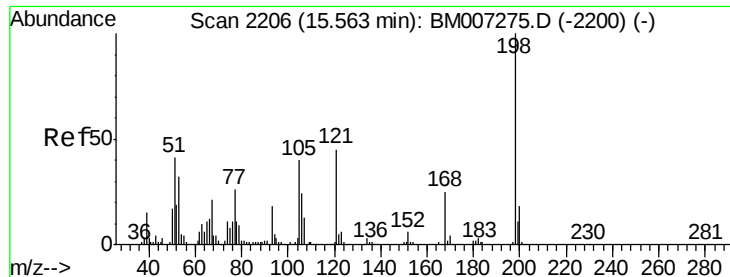
sohil
 8/24/2016 7:28:29 PM



#60
 4-Nitroaniline
 Concen: 2.77 ng/ul
 RT: 15.50 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BM007280.D
 Acq: 24 Aug 2016 16:06

Tgt Ion:	138	Resp:	25203
Ion Ratio	Lower	Upper	
138	100		
92	65.1	43.5	65.3
108	109.3	80.3	120.5





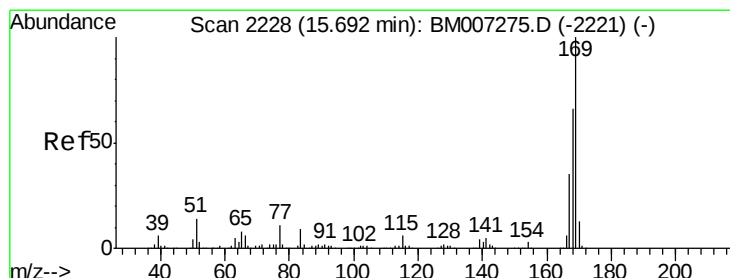
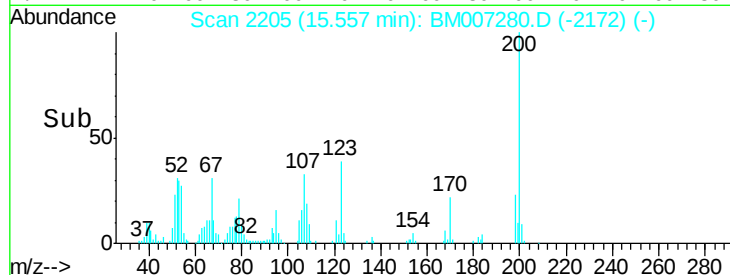
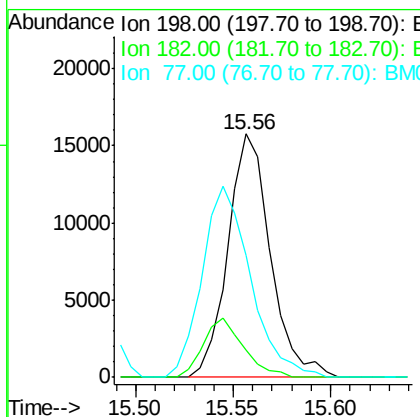
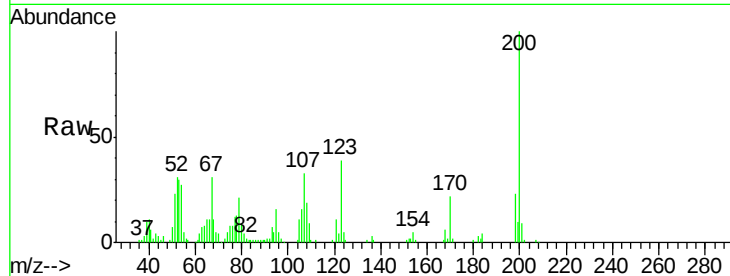
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.85 ng/ul
 RT: 15.56 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM007280.D
 Acq: 24 Aug 2016 16:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-W

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	23821		
182	11.1	3.3	4.9#	
77	49.9	21.8	32.6#	

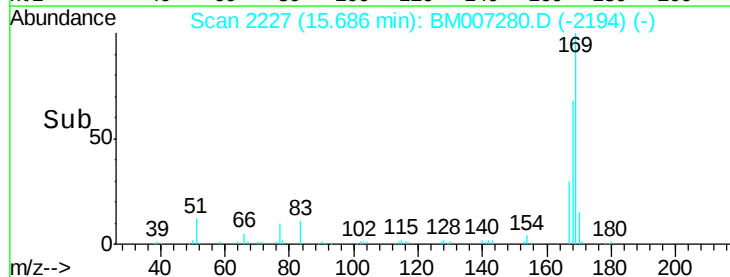
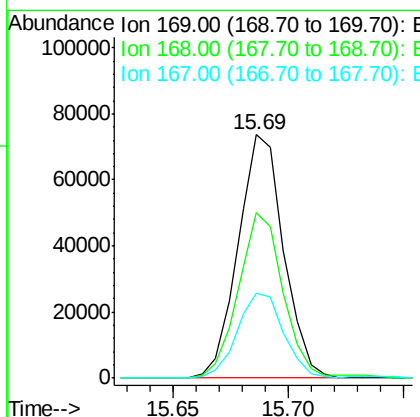
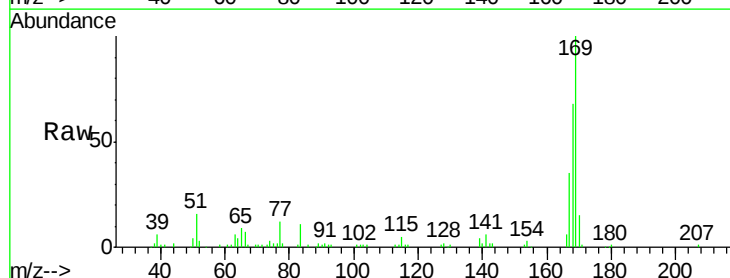
Manual Integrations
 APPROVED

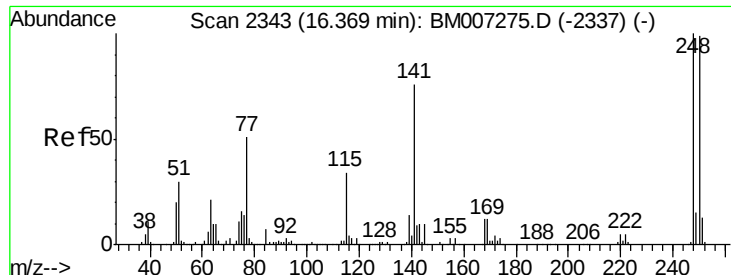
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#64
 N-Nitrosodiphenylamine
 Concen: 2.90 ng/ul
 RT: 15.69 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BM007280.D
 Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	100955		
168	68.1	52.6	79.0	
167	35.0	28.6	43.0	





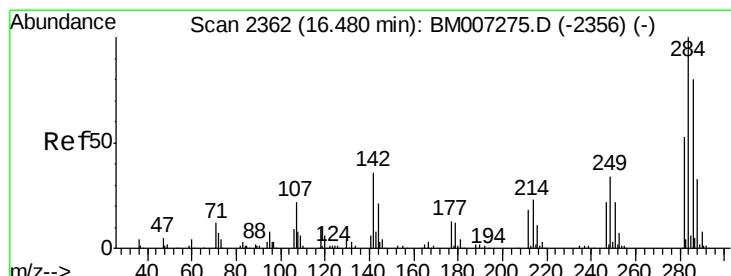
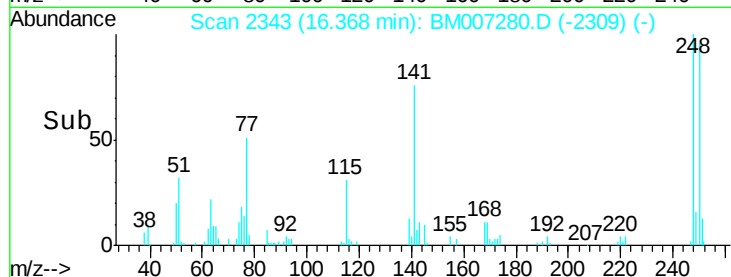
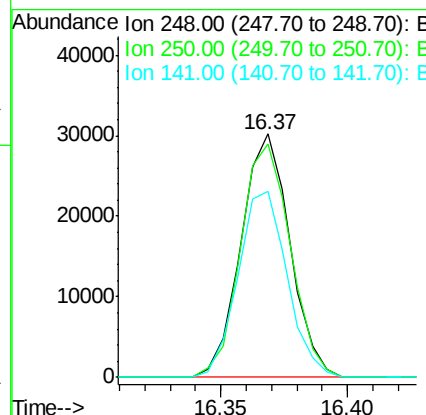
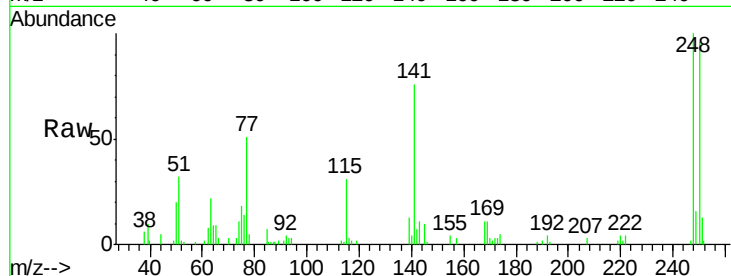
#65
4-Bromophenyl-phenylether
Concen: 2.89 ng/ul
RT: 16.37 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.8	79.7	119.5
141	76.2	58.3	87.5

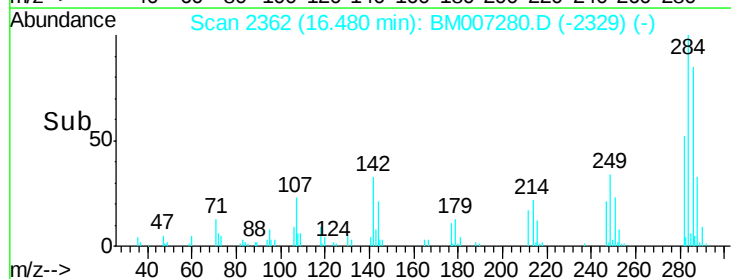
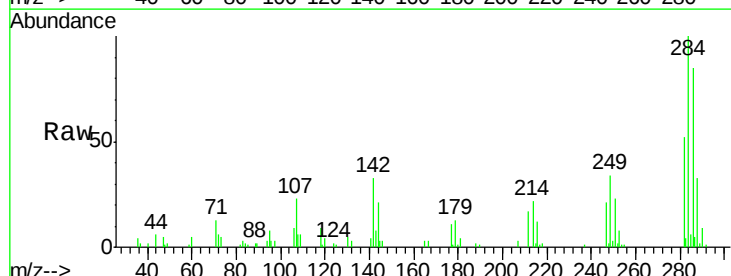
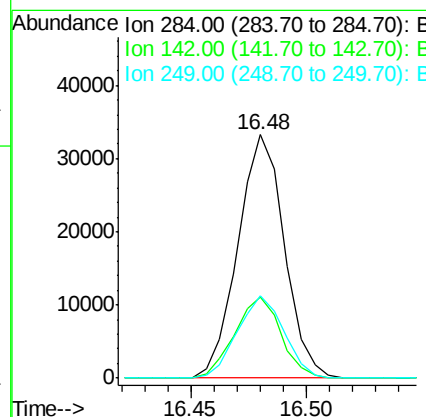
Manual Integrations
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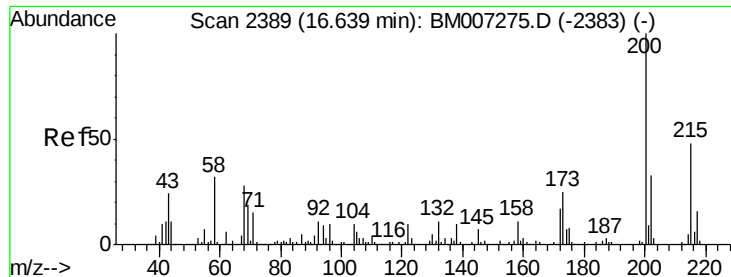
sohil
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#66
Hexachlorobenzene
Concen: 2.96 ng/ul
RT: 16.48 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	24.9	37.3
249	33.7	25.5	38.3





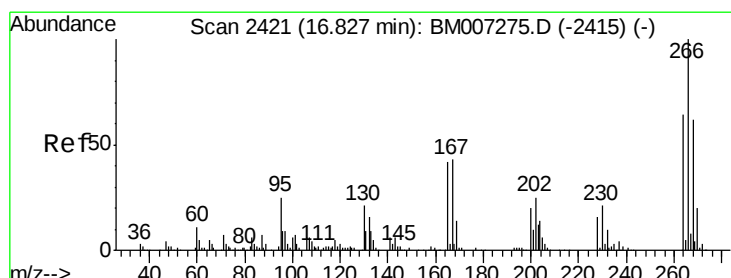
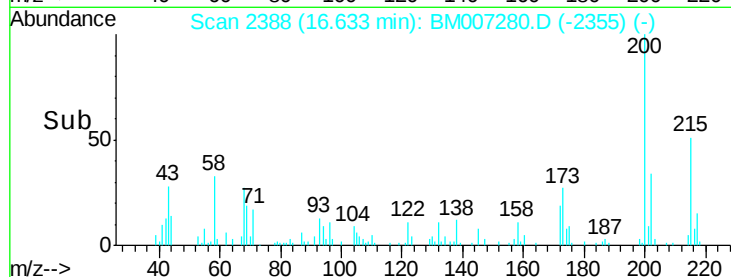
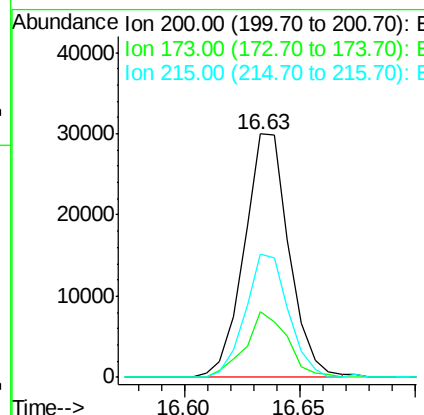
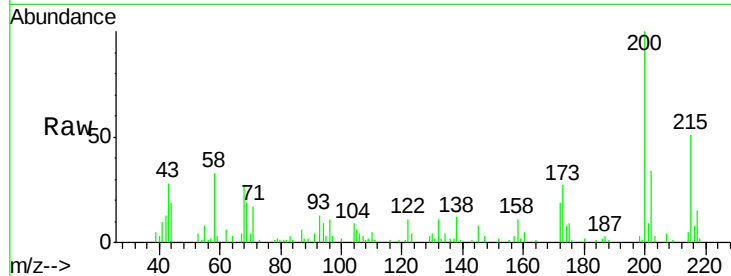
#67
 Atrazine
 Concen: 2.77 ng/ul
 RT: 16.63 min Scan# 2388
 Delta R.T. -0.01 min
 Lab File: BM007280.D
 Acq: 24 Aug 2016 16:06

Instrument :
 BNA_M
 ClientSampled :
 MDL-05-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	18.9	28.3
215	50.7	39.5	59.3

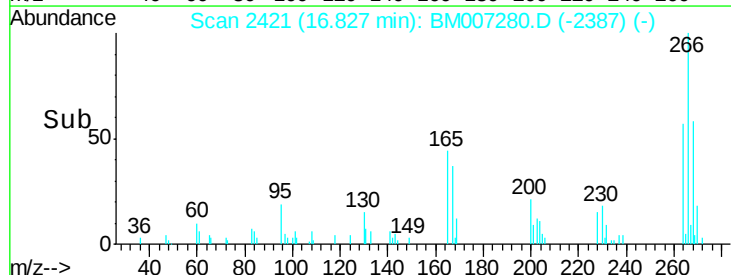
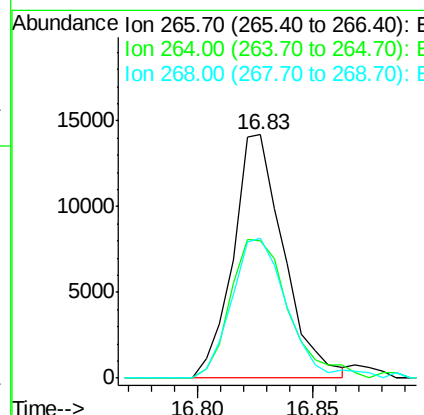
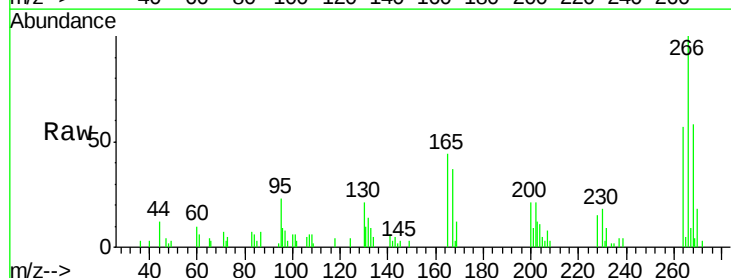
Manual Integrations
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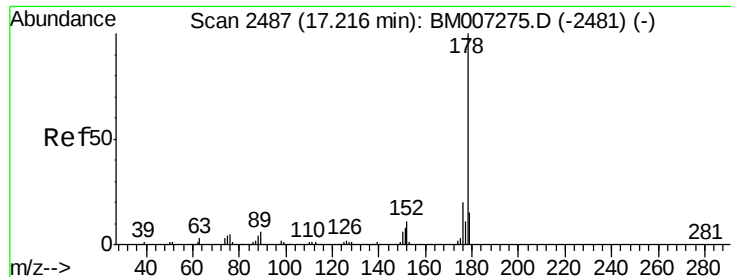
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#68
 Pentachlorophenol
 Concen: 2.14 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BM007280.D
 Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	56.5	50.6	75.8
268	57.6	51.0	76.6





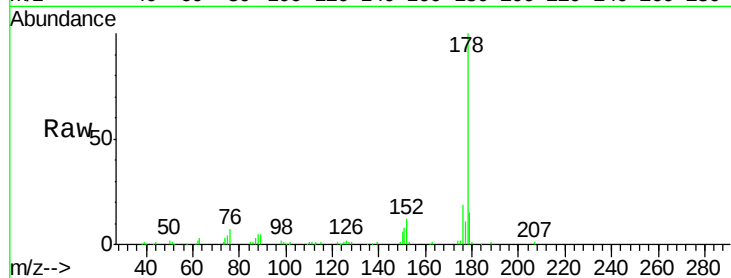
#69
Phenanthrene
Concen: 3.01 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

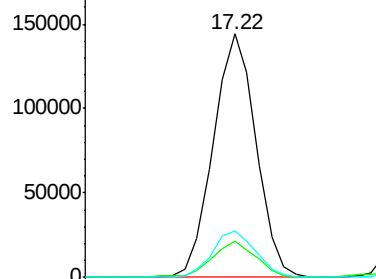
Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	19.0	15.1	22.7

Manual Integrations
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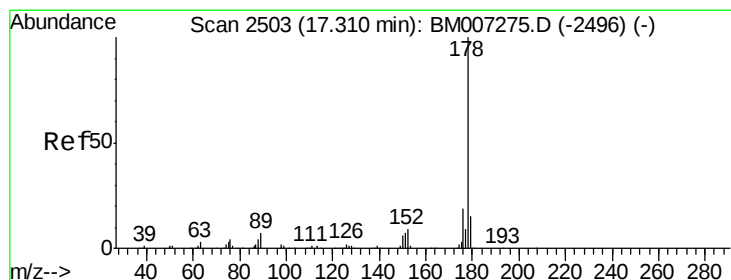
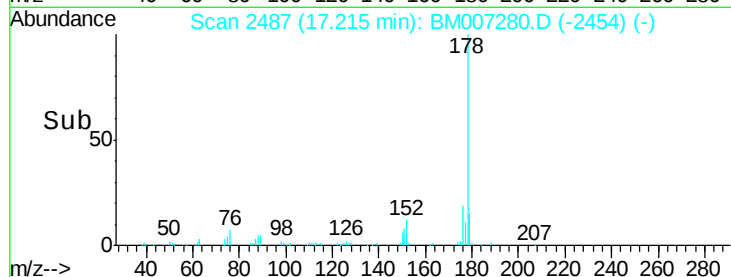
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



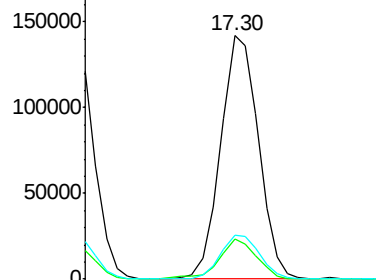
Time--> 17.15 17.20 17.25



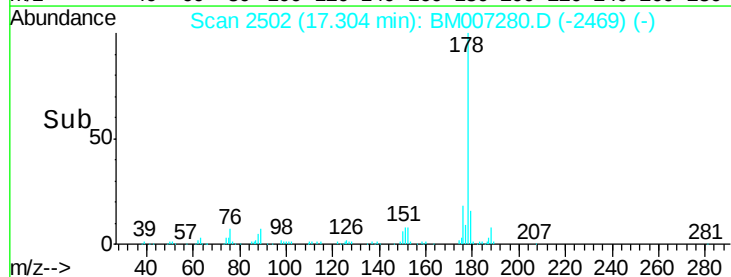
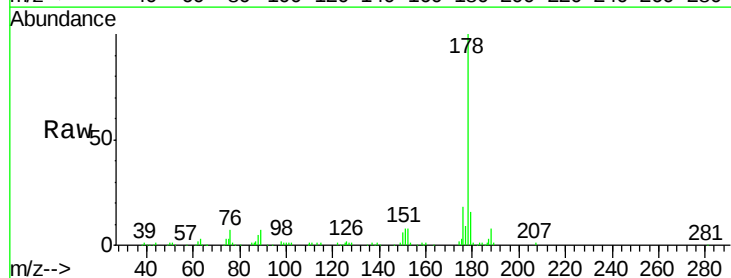
#71
Anthracene
Concen: 2.97 ng/ul
RT: 17.30 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

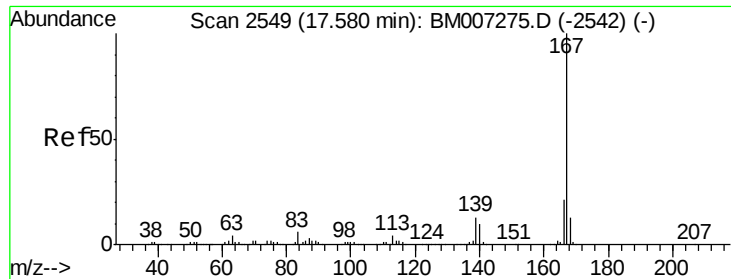
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.1	18.1
176	18.1	14.5	21.7

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time--> 17.25 17.30 17.35





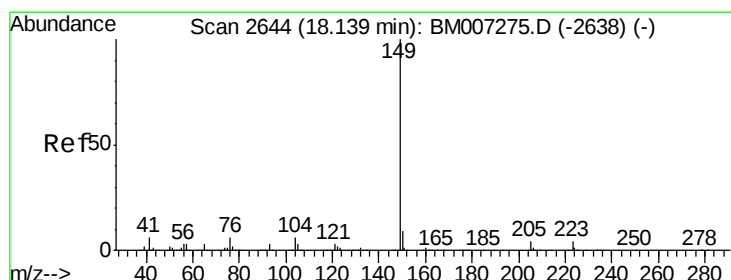
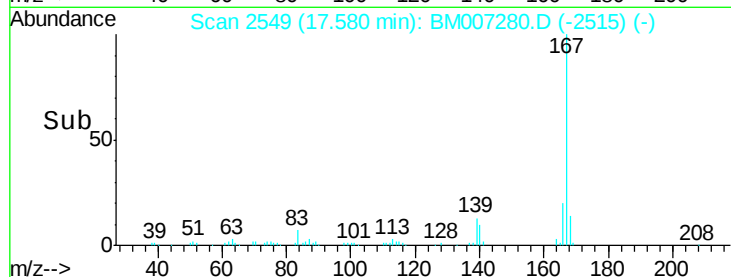
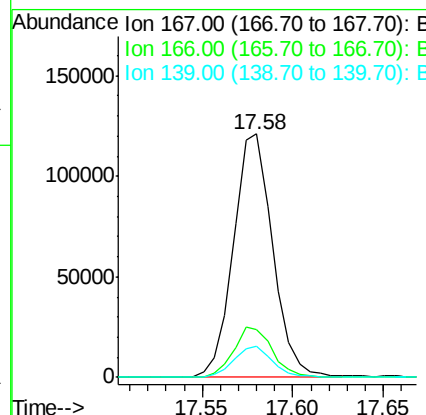
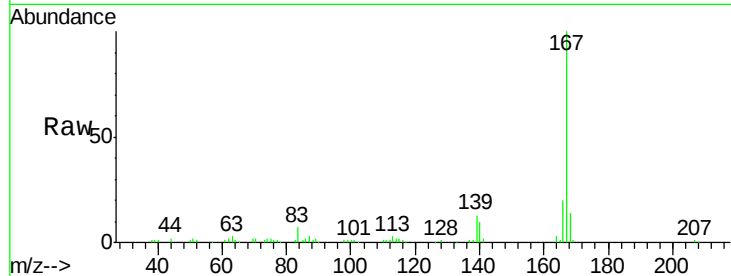
#72
 Carbazole
 Concen: 3.04 ng/ul
 RT: 17.58 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BM007280.D
 Acq: 24 Aug 2016 16:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-W

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	182372		
166	19.9	16.6	25.0	
139	12.9	10.2	15.4	

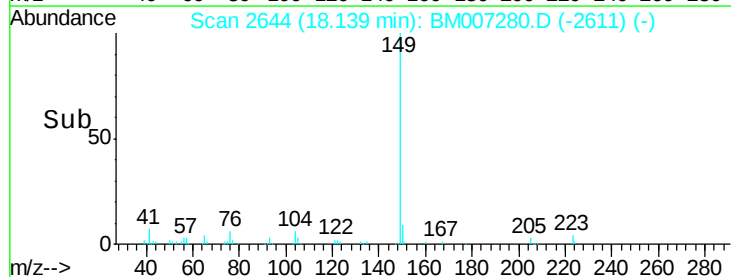
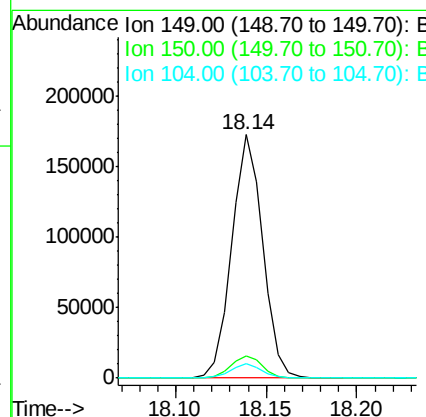
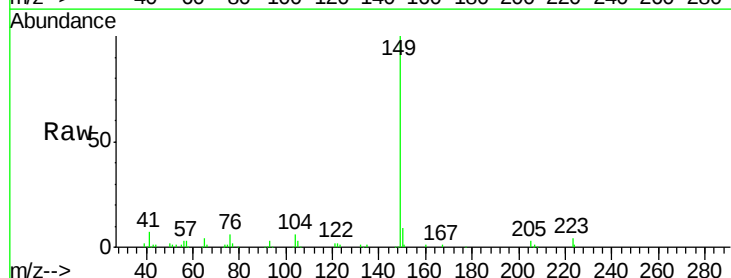
Manual Integrations
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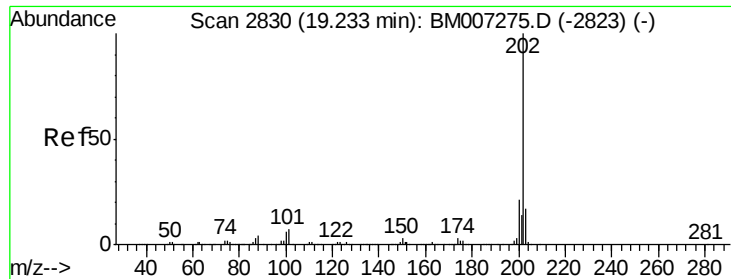
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#73
 Di-n-butylphthalate
 Concen: 2.72 ng/ul
 RT: 18.14 min Scan# 2644
 Delta R.T. -0.01 min
 Lab File: BM007280.D
 Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	204959		
150	9.3	7.6	11.4	
104	6.0	4.6	7.0	





#74

Fluoranthene

Concen: 3.23 ng/ul

RT: 19.23 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Instrument :

BNA_M

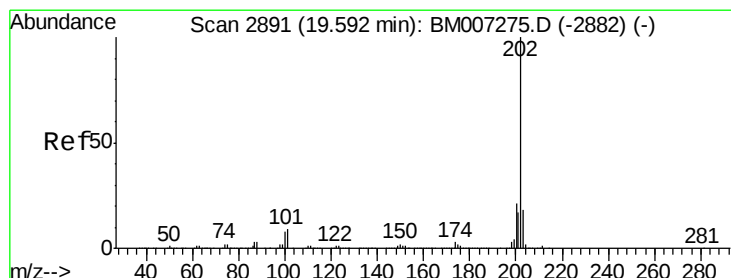
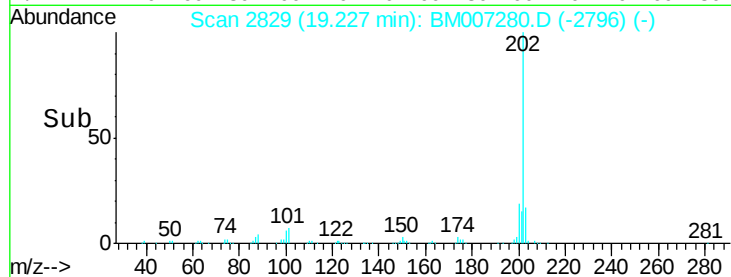
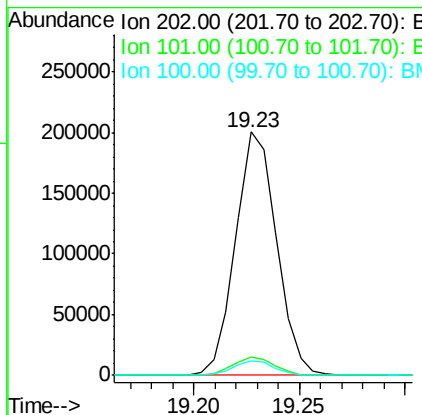
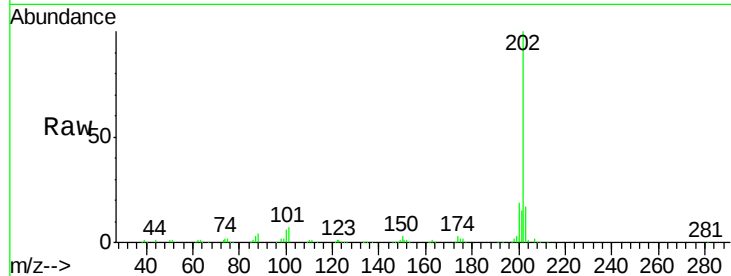
ClientSampled :

MDL-05-W

Tgt Ion:	202	Resp:	271183
Ion Ratio	Lower	Upper	
202	100		
101	7.3	6.9	10.3
100	6.0	5.4	8.0

Manual Integrations
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#77

Pyrene

Concen: 2.92 ng/ul

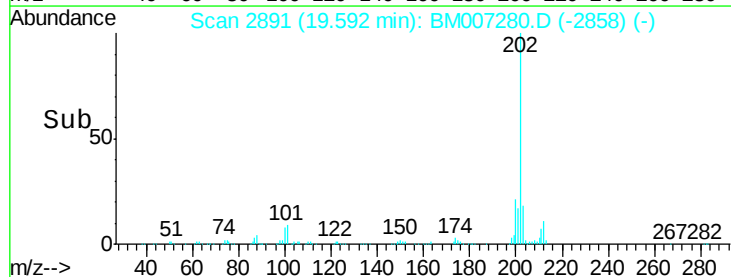
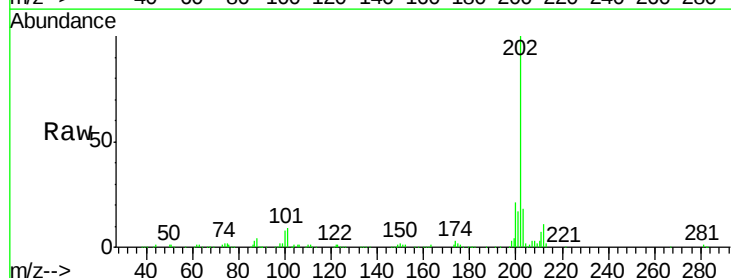
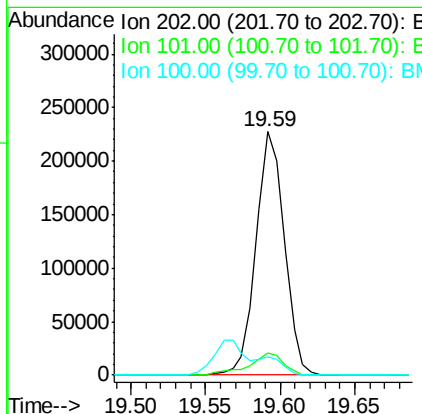
RT: 19.59 min Scan# 2891

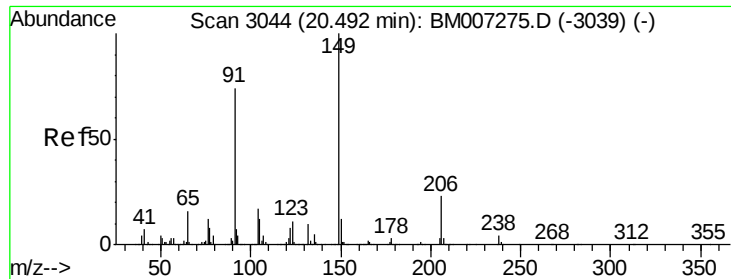
Delta R.T. -0.01 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Tgt Ion:	202	Resp:	297454
Ion Ratio	Lower	Upper	
202	100		
101	8.9	8.4	12.6
100	7.7	6.9	10.3





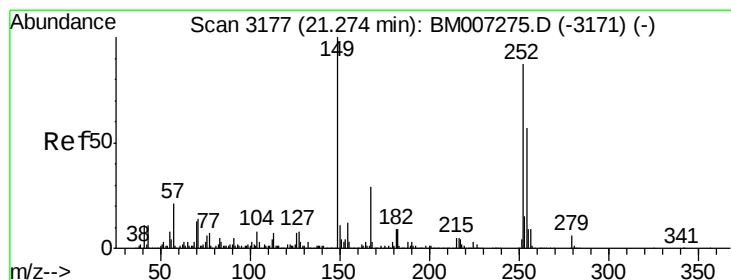
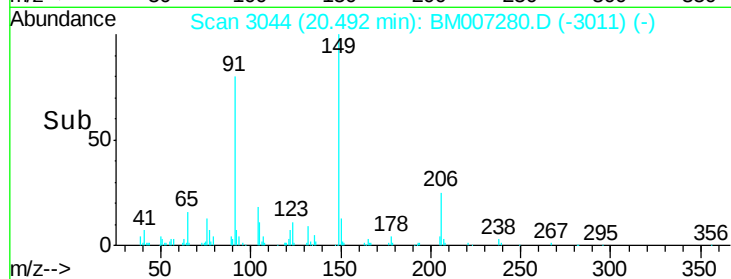
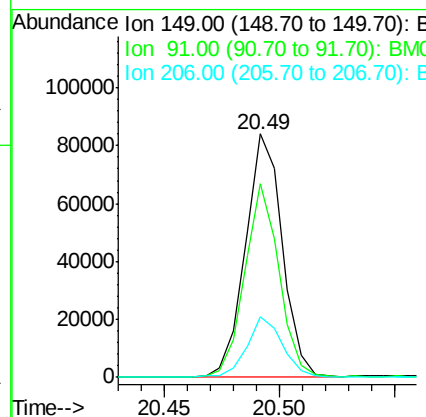
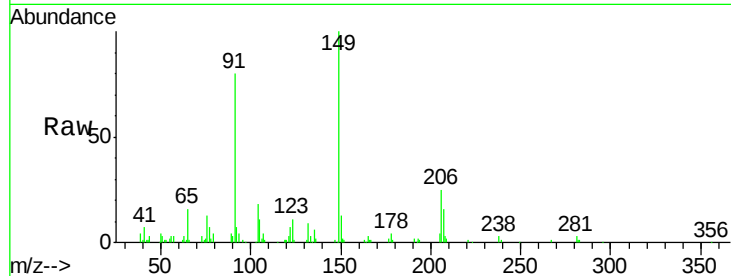
#78
Butylbenzylphthalate
Concen: 2.21 ng/ul
RT: 20.49 min Scan# 3044
Delta R.T. -0.01 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	93846		
91	79.5	57.3	85.9	
206	24.7	18.6	27.8	

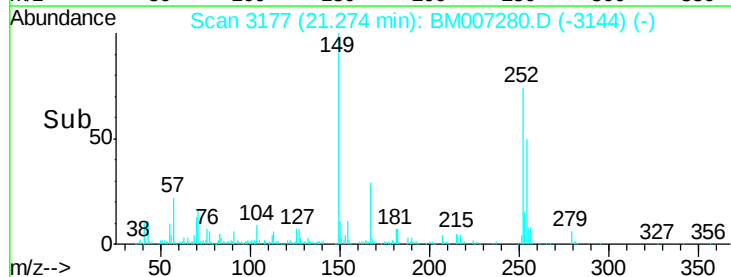
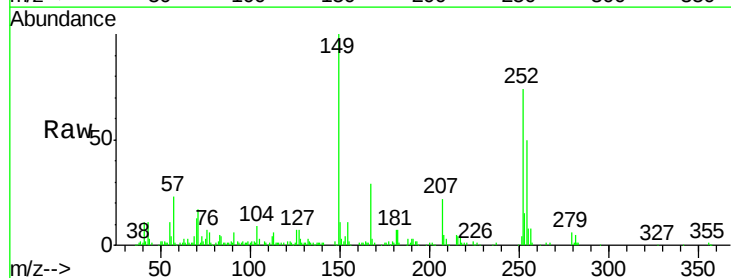
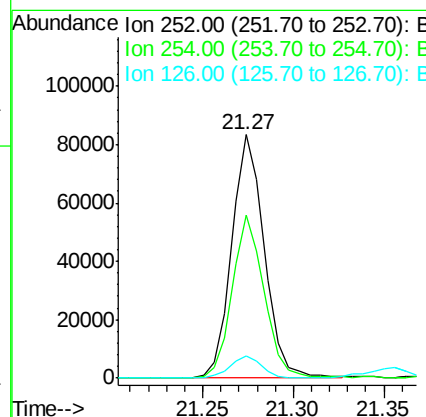
Manual Integrations
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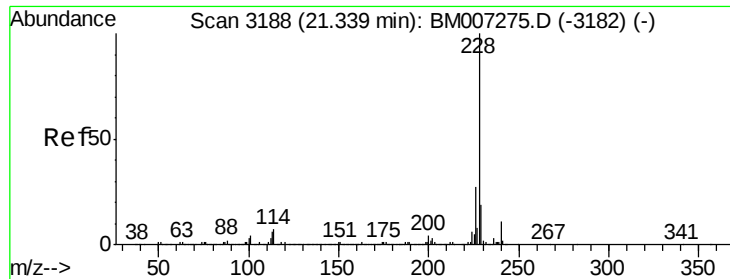
sohil
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#79
3,3'-Dichlorobenzidine
Concen: 2.77 ng/ul
RT: 21.27 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	104321		
254	66.8	51.0	76.4	
126	9.3	7.1	10.7	





#80

Benzo(a)anthracene

Concen: 2.99 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Instrument :

BNA_M

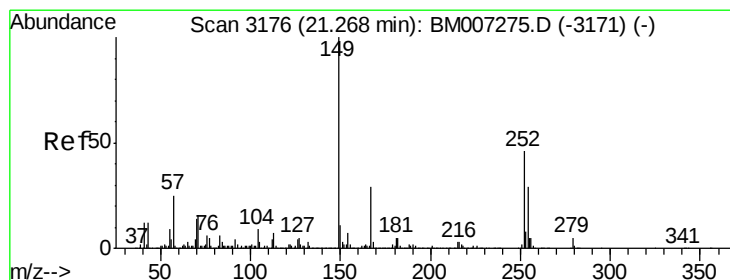
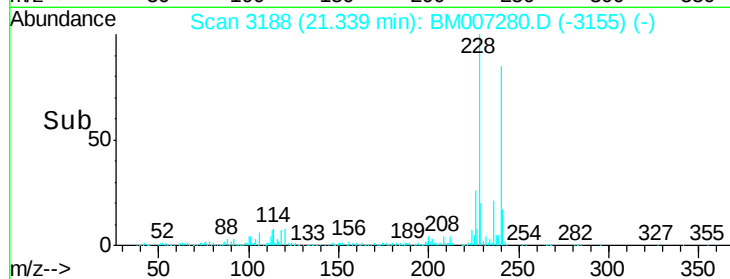
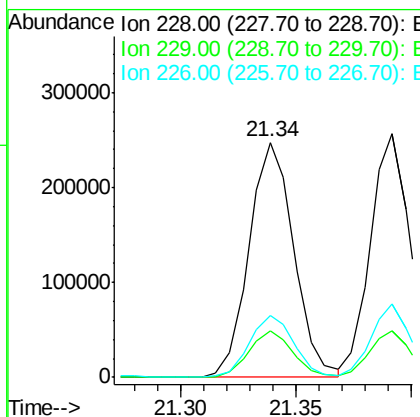
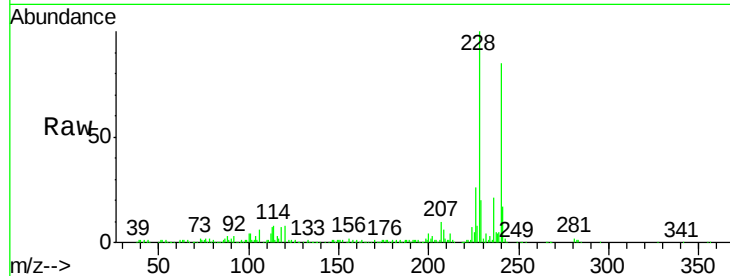
ClientSampleId :

MDL-05-W

Tgt Ion:	228	Resp:	334940
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.6	23.4
226	26.1	21.8	32.8

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#81

Bis(2-ethylhexyl)phthalate

Concen: 2.47 ng/ul

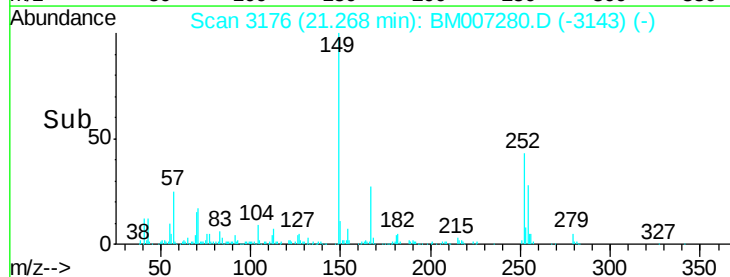
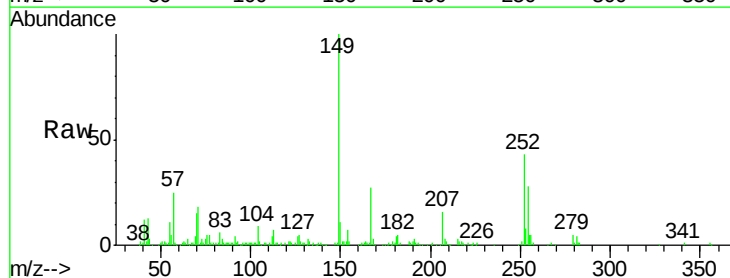
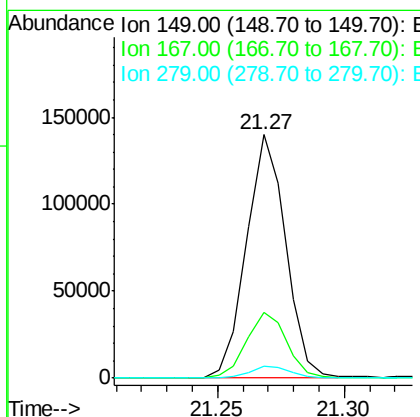
RT: 21.27 min Scan# 3176

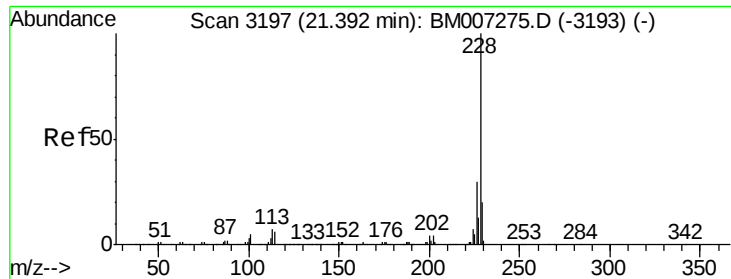
Delta R.T. -0.01 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Tgt Ion:	149	Resp:	151764
Ion Ratio	Lower	Upper	
149	100		
167	27.0	23.2	34.8
279	4.7	4.1	6.1





#82

Chrysene

Concen: 3.02 ng/ul

RT: 21.39 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Instrument :

BNA_M

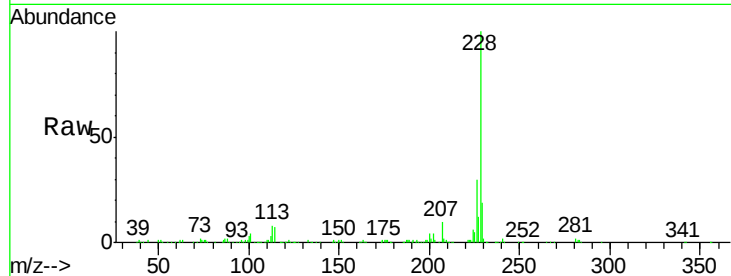
ClientSampled :

MDL-05-W

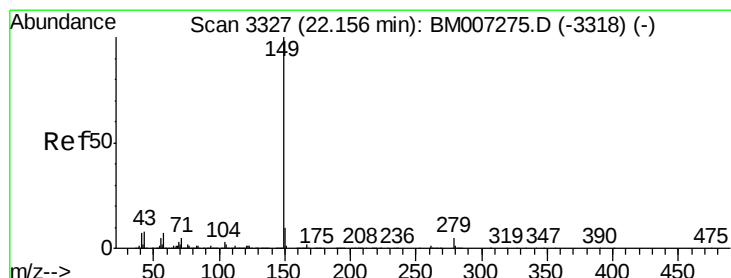
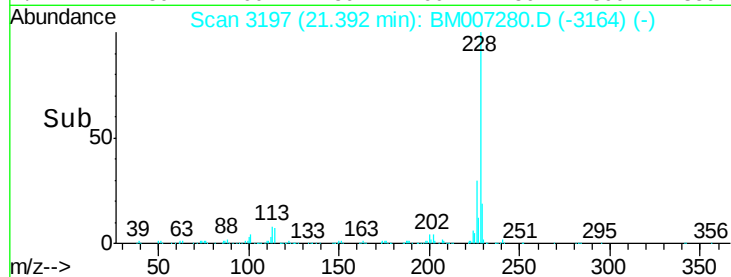
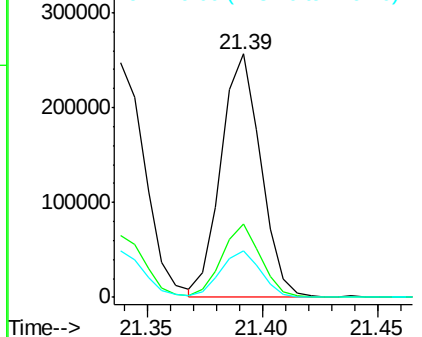
Tgt Ion:	228	Resp:	305709
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.4	35.2
229	19.3	15.5	23.3

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



#84

Di-n-octyl phthalate

Concen: 2.52 ng/ul

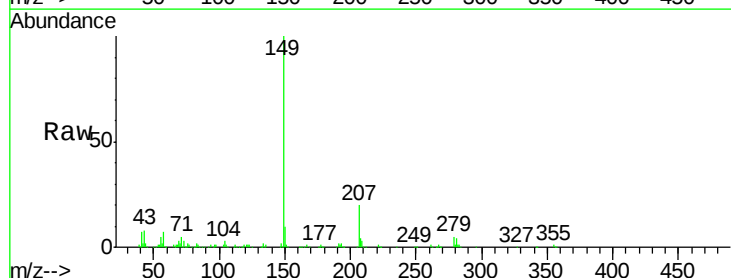
RT: 22.16 min Scan# 3327

Delta R.T. -0.01 min

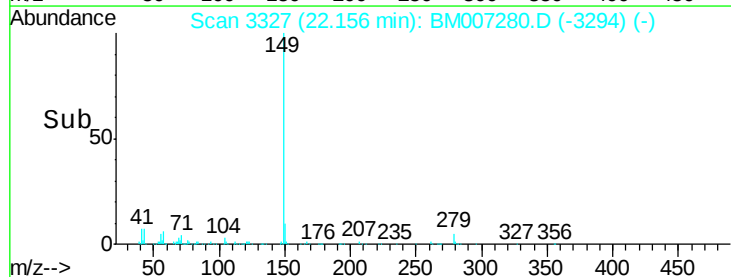
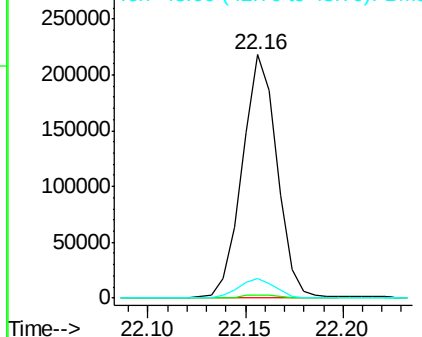
Lab File: BM007280.D

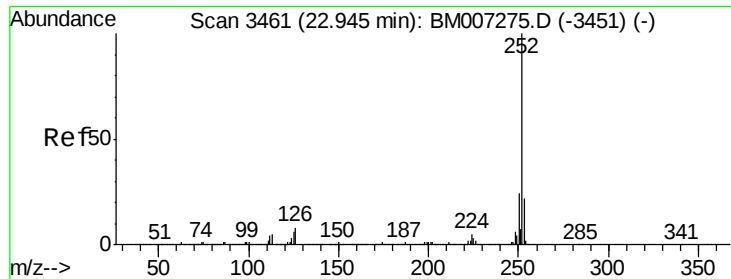
Acq: 24 Aug 2016 16:06

Tgt Ion:	149	Resp:	268385
Ion Ratio	Lower	Upper	
149	100		
167	1.3	1.3	1.9
43	8.0	6.6	10.0



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





#85

Benzo(b)fluoranthene

Concen: 2.89 ng/ul

RT: 22.94 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Instrument :

BNA_M

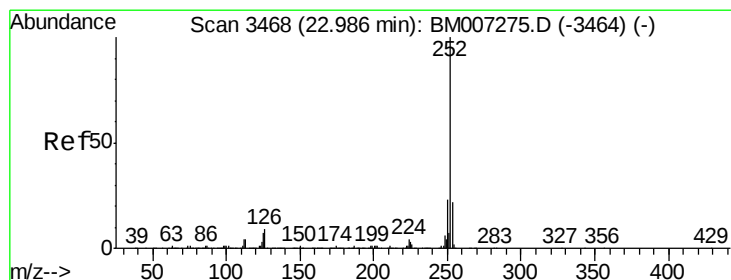
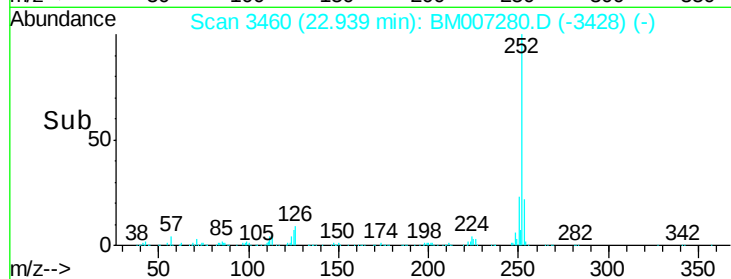
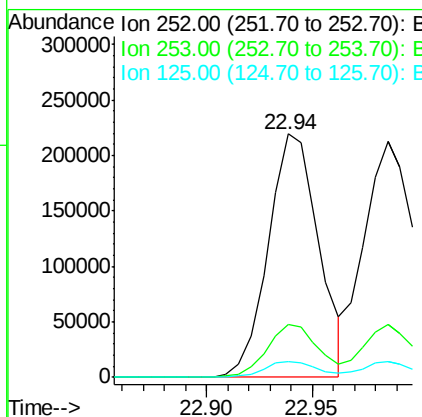
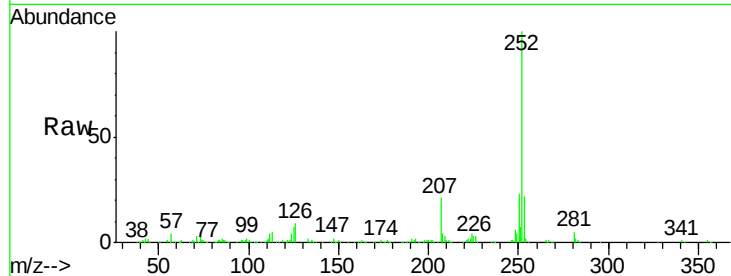
ClientSampled :

MDL-05-W

Tgt Ion:	252	Resp:	365804
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.1	25.7
125	6.7	5.8	8.8

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#86

Benzo(k)fluoranthene

Concen: 3.04 ng/ul

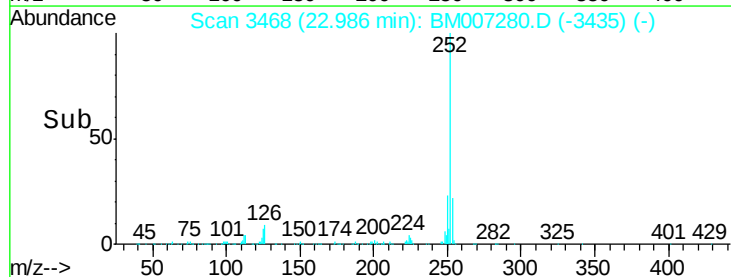
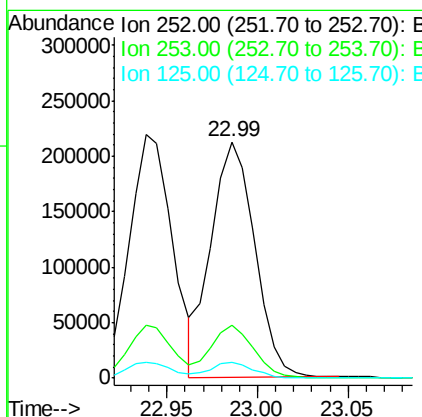
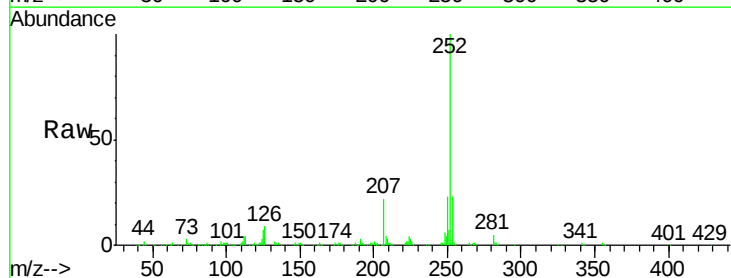
RT: 22.99 min Scan# 3468

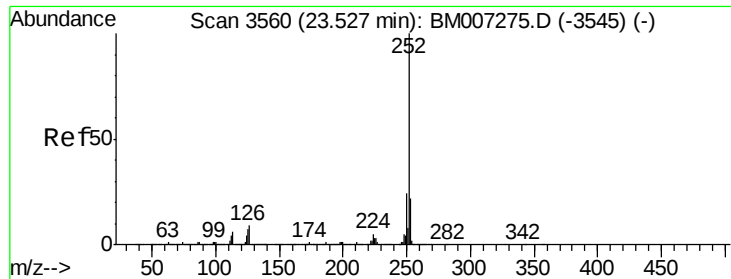
Delta R.T. -0.01 min

Lab File: BM007280.D

Acq: 24 Aug 2016 16:06

Tgt Ion:	252	Resp:	355545
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.6	26.4
125	6.9	5.7	8.5





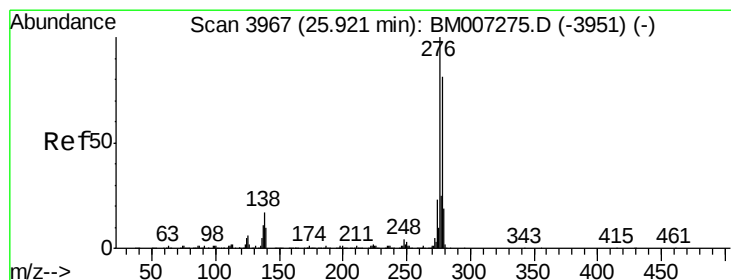
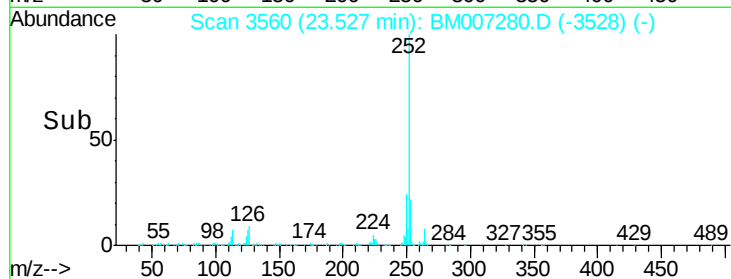
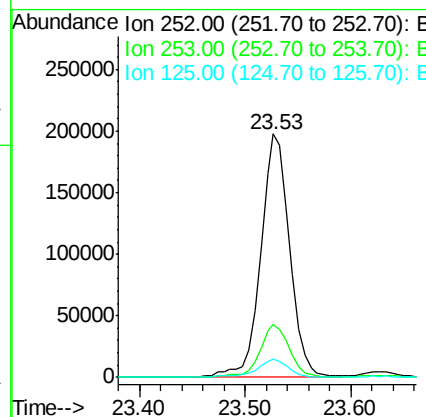
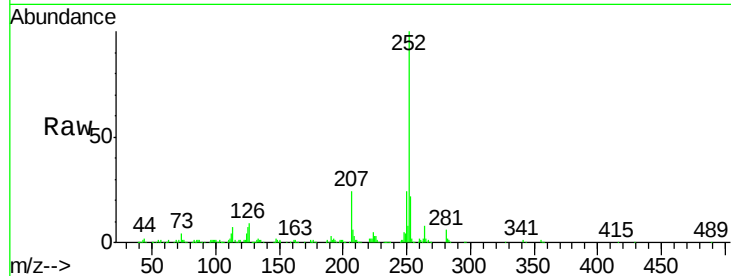
#88
Benzo(a)pyrene
Concen: 3.11 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Instrument :
BNA_M
ClientSampled :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	7.4	6.6	9.8

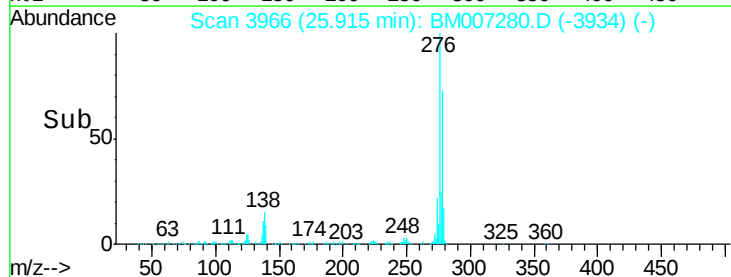
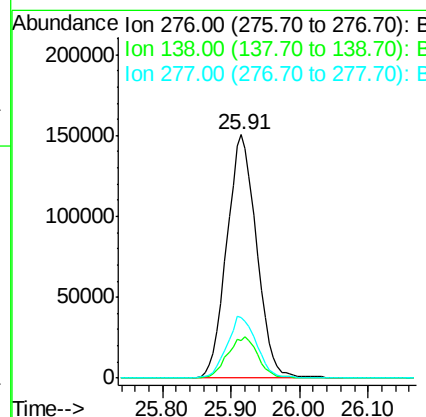
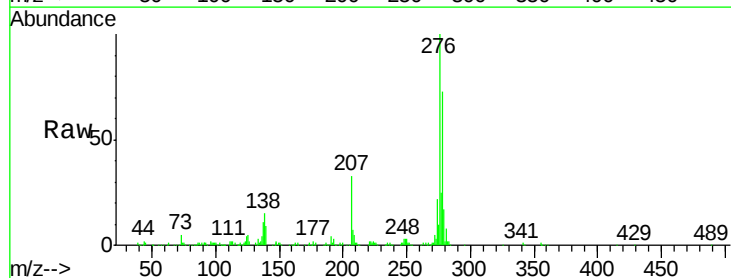
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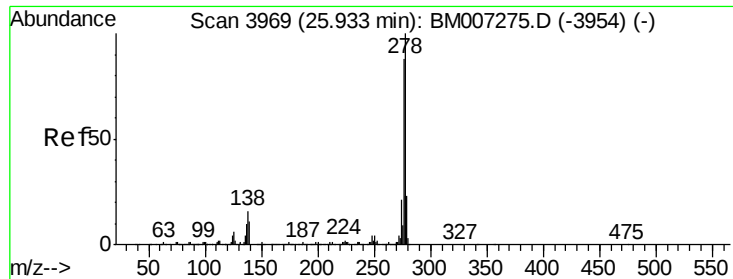
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.05 ng/ul
RT: 25.91 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	13.9	20.9
277	25.1	20.1	30.1





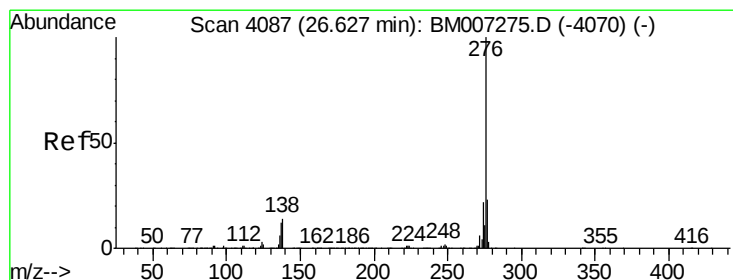
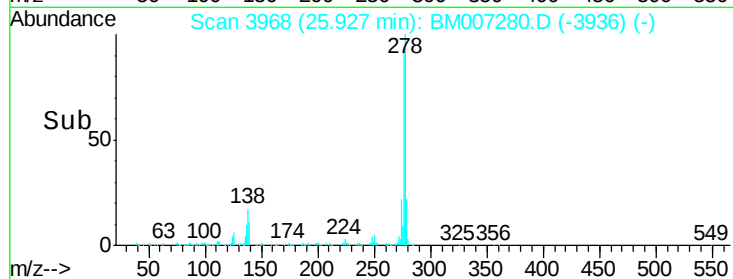
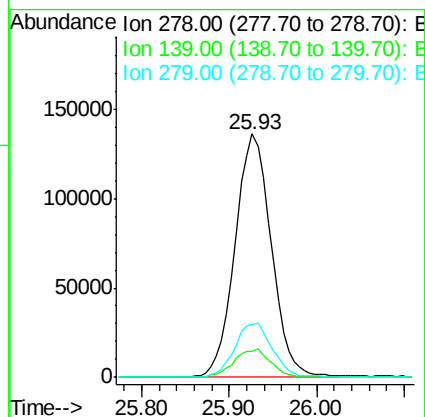
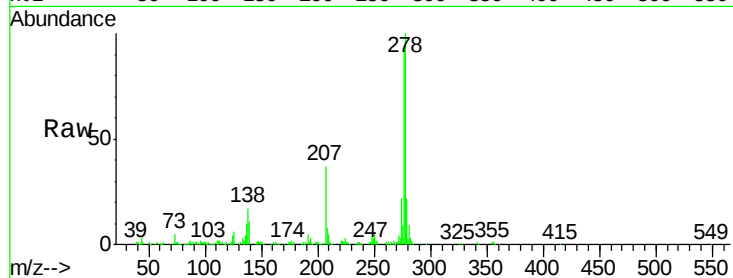
#90
Dibenzo(a,h)anthracene
Concen: 3.10 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.01 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	10.8	9.5	14.3
279	21.8	19.1	28.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.02 ng/ul
RT: 26.61 min Scan# 4084
Delta R.T. -0.02 min
Lab File: BM007280.D
Acq: 24 Aug 2016 16:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	14.2	13.5	20.3
277	23.2	19.3	28.9

