

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
 Data File : BM007281.D
 Acq On : 24 Aug 2016 16:42
 Operator : UM/SJ
 Sample : MDL-06-W
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 MDL-06-W

Manual Integrations
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Quant Time: Aug 24 17:28:50 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	162734	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	831486	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	601113	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1660536	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2470075	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2698957	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	10943	3.44	ng/uL	0.00
5) Phenol-d5	6.97	99	490938	31.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	290512	35.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	386263	34.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	441653	32.94	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	211862	34.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	251743	35.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	453454	31.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	645058	36.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1902783	36.69	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2120910	35.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	347401	35.49	ng/ul	0.00
57) Fluorene-d10	15.43	176	1602130	35.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	356913	34.18	ng/ul	0.00
70) Anthracene-d10	17.27	188	2735791	35.27	ng/ul	0.00
76) Pyrene-d10	19.57	212	3496478	33.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	4351899	35.01	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	3185m	0.90	ng/ul
4) Benzaldehyde	6.95	77	33633	3.84	ng/ul 95
6) Phenol	6.99	94	46188	2.90	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.23	93	35990	3.24	ng/ul 98
10) 2-Chlorophenol	7.37	128	33267	2.86	ng/ul 94
11) 2-Methylphenol	8.23	108	34807	2.79	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.33	45	38442	3.08	ng/ul 97
14) Acetophenone	8.62	105	64945	3.16	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.60	70	31639	2.90	ng/ul 98
16) 4-Methylphenol	8.56	108	41130	2.94	ng/ul 99
17) Hexachloroethane	8.87	117	14459	3.20	ng/ul 83
20) Nitrobenzene	9.00	77	48984	3.12	ng/ul 96
21) Isophorone	9.52	82	93862	2.94	ng/ul 99
23) 2-Nitrophenol	9.70	139	23250	3.00	ng/ul# 92
24) 2,4-Dimethylphenol	9.76	107	50012	2.93	ng/ul 100
25) Bis(2-Chloroethoxy)methane	10.00	93	52625	2.92	ng/ul 98
27) 2,4-Dichlorophenol	10.23	162	40098	2.84	ng/ul 94
28) Naphthalene	10.63	128	125039	3.02	ng/ul 100
30) 4-Chloroaniline	10.75	127	56230	3.09	ng/ul 94
31) Hexachlorobutadiene	10.92	225	29879	3.14	ng/ul 91
32) Caprolactam	11.54	113	15045m	2.65	ng/ul
33) 4-Chloro-3-methylphenol	11.87	107	47193	2.70	ng/ul 99
34) 2-Methylnaphthalene	12.24	142	101421	3.00	ng/ul 99

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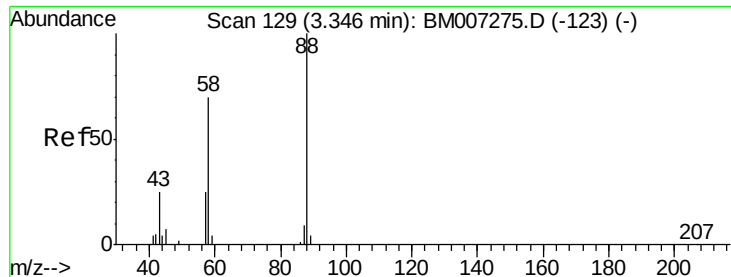
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	62881	3.14	ng/ul	95
37) Hexachlorocyclopentadiene	12.60	237	27264	2.26	ng/ul	96
38) 2,4,6-Trichlorophenol	12.86	196	37897	2.68	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	40528m	2.75	ng/ul	
40) 1,1'-Biphenyl	13.26	154	142684	3.06	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	111361	3.05	ng/ul	96
42) 2-Nitroaniline	13.51	65	32134	2.69	ng/ul	98
44) Dimethylphthalate	13.89	163	167536	3.24	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	28916	2.74	ng/ul#	88
47) Acenaphthylene	14.15	152	191045	3.09	ng/ul	98
48) 3-Nitroaniline	14.34	138	29968	2.78	ng/ul#	91
49) Acenaphthene	14.50	153	123598	3.07	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	13328	1.86	ng/ul	92
52) 4-Nitrophenol	14.64	109	34363	3.30	ng/ul	94
53) Dibenzofuran	14.83	168	189679	3.15	ng/ul	92
54) 2,4-Dinitrotoluene	14.80	165	48562	3.00	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	42797	2.83	ng/ul#	95
56) Diethylphthalate	15.26	149	168034	3.12	ng/ul	99
58) Fluorene	15.48	166	159716	3.22	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.47	204	85623	3.30	ng/ul	99
60) 4-Nitroaniline	15.50	138	36960	3.02	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.56	198	33564	3.01	ng/ul#	50
64) N-Nitrosodiphenylamine	15.69	169	143206	3.09	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	55610	2.97	ng/ul	95
66) Hexachlorobenzene	16.48	284	66294	3.16	ng/ul	94
67) Atrazine	16.64	200	58063	2.97	ng/ul	98
68) Pentachlorophenol	16.83	266	31980	2.36	ng/ul	94
69) Phenanthrene	17.22	178	277141	3.11	ng/ul	99
71) Anthracene	17.31	178	284121	3.09	ng/ul	99
72) Carbazole	17.58	167	250673	3.13	ng/ul	98
73) Di-n-butylphthalate	18.14	149	288577	2.87	ng/ul	98
74) Fluoranthene	19.23	202	375170	3.35	ng/ul	97
77) Pyrene	19.60	202	408791	3.08	ng/ul	96
78) Butylbenzylphthalate	20.49	149	136034	2.47	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	144778	2.95	ng/ul	100
80) Benzo(a)anthracene	21.34	228	458737	3.15	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.27	149	207318	2.59	ng/ul	99
82) Chrysene	21.39	228	412705	3.13	ng/ul	100
84) Di-n-octyl phthalate	22.16	149	371849	2.77	ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	507045	3.18	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	460433	3.12	ng/ul	99
88) Benzo(a)pyrene	23.53	252	483366	3.17	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	592093	3.16	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	502052	3.22	ng/ul	99
91) Benzo(g,h,i)perylene	26.62	276	499953	3.14	ng/ul	96

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



#2

1,4-Dioxane

Concen: 0.90 ng/uL m

RT: 3.35 min Scan# 129

Delta R.T. -0.00 min

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Acq: 24 Aug 2016 16:42

Instrument :

BNA_M

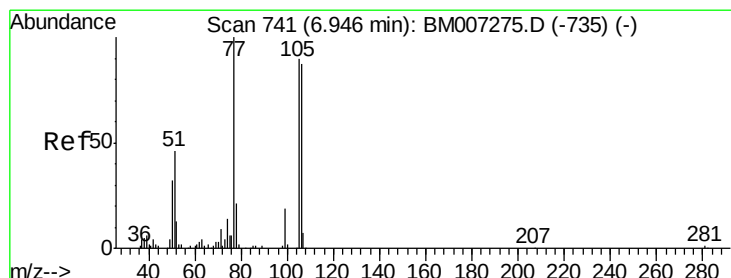
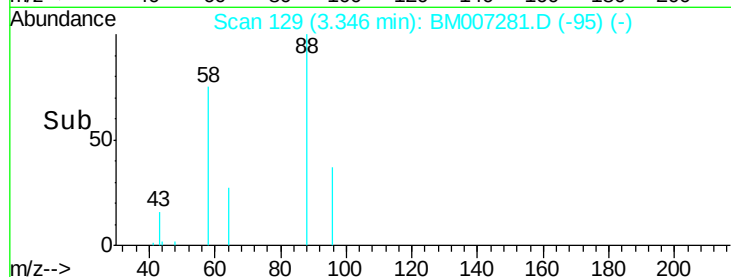
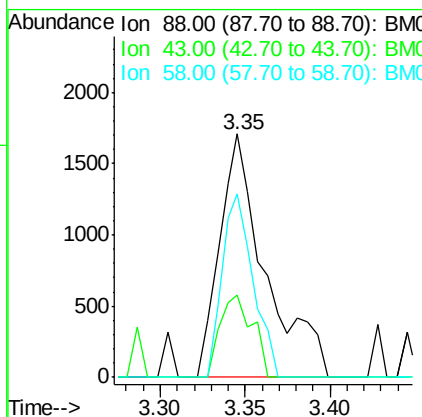
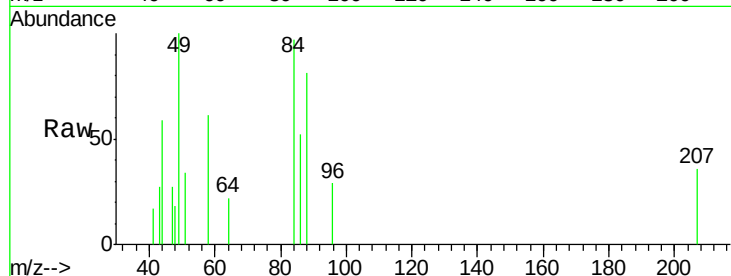
ClientSampleId :

MDL-06-W

Tgt Ion:	88	Resp:	3185
Ion	Ratio	Lower	Upper
88	100		
43	24.1	22.6	34.0
58	51.4	57.3	85.9#

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#4

Benzaldehyde

Concen: 3.84 ng/uL

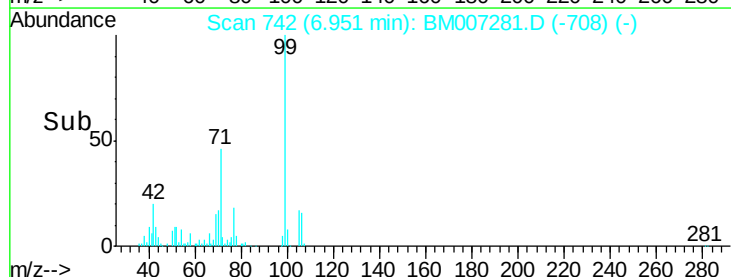
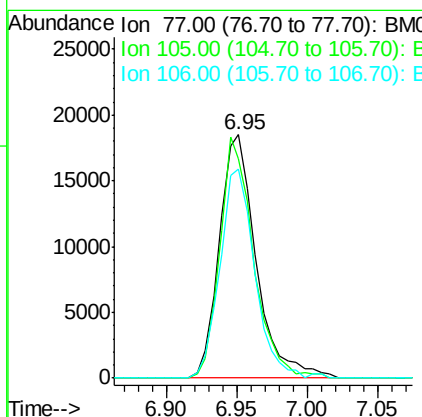
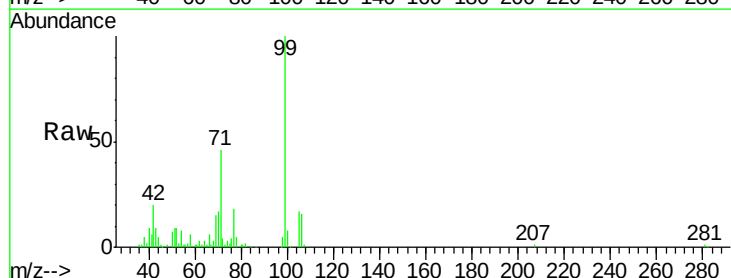
RT: 6.95 min Scan# 742

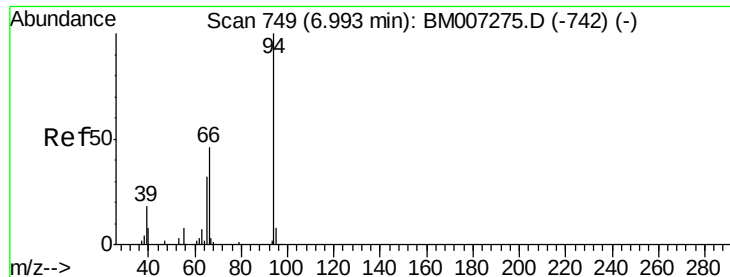
Delta R.T. -0.00 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Tgt Ion:	77	Resp:	33633
Ion	Ratio	Lower	Upper
77	100		
105	90.1	76.9	115.3
106	86.0	71.8	107.8





#6

Phenol

Concen: 2.90 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Instrument :

BNA_M

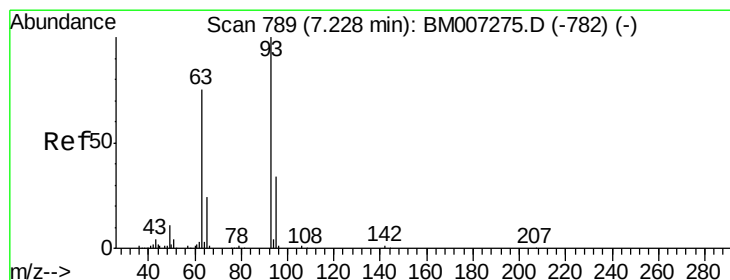
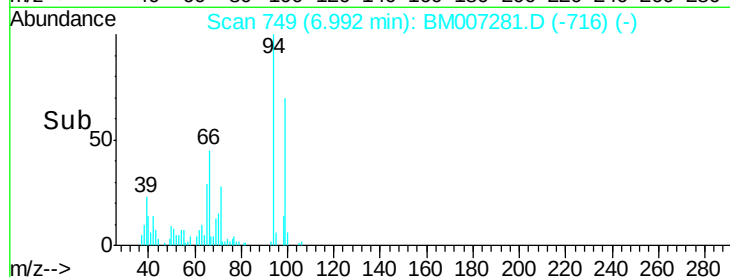
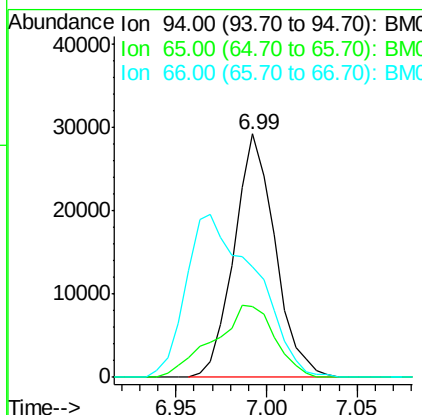
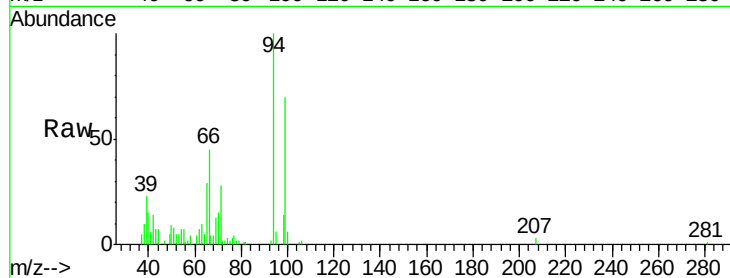
ClientSampleId :

MDL-06-W

Tgt Ion:	94	Resp:	46188
Ion	Ratio	Lower	Upper
94	100		
65	29.1	23.9	35.9
66	45.3	33.5	50.3

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#8

Bis(2-Chloroethyl)ether

Concen: 3.24 ng/ul

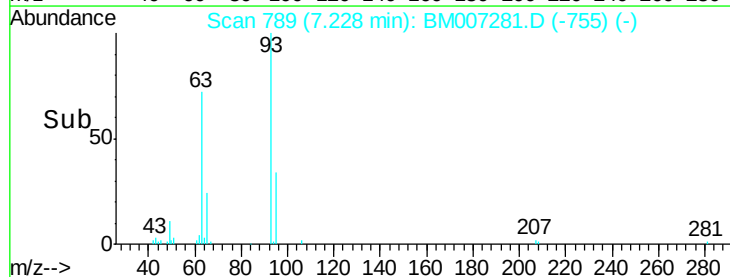
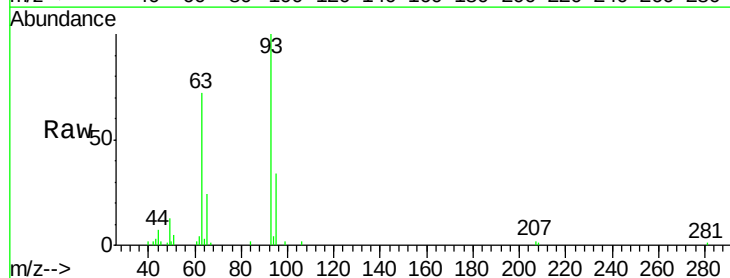
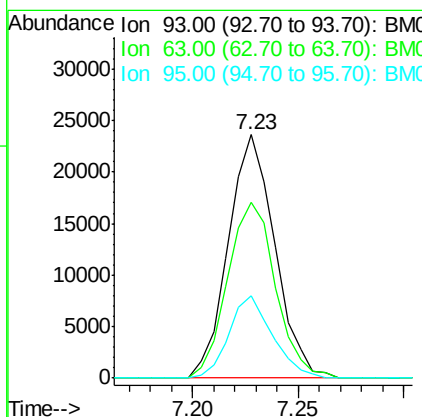
RT: 7.23 min Scan# 789

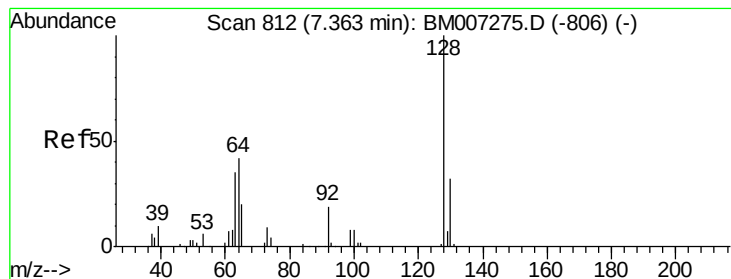
Delta R.T. -0.00 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Tgt Ion:	93	Resp:	35990
Ion	Ratio	Lower	Upper
93	100		
63	72.4	57.3	85.9
95	33.6	25.1	37.7





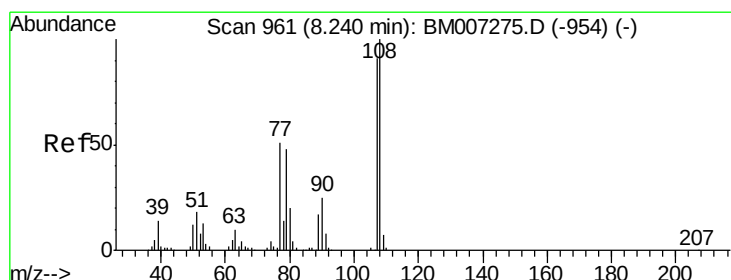
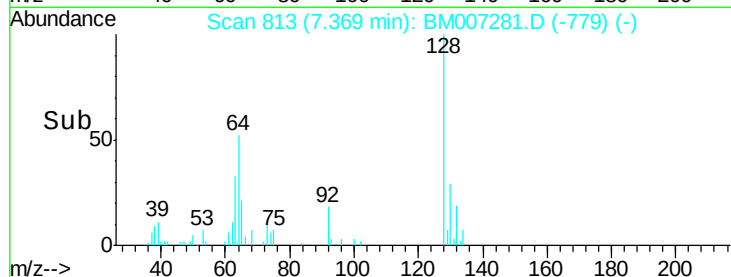
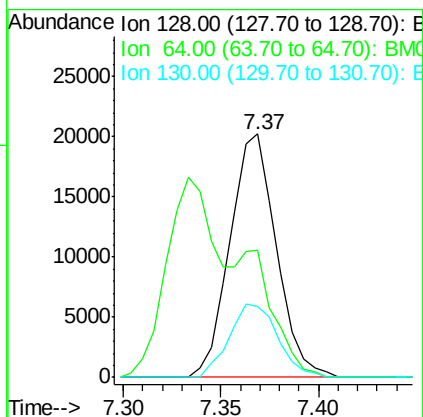
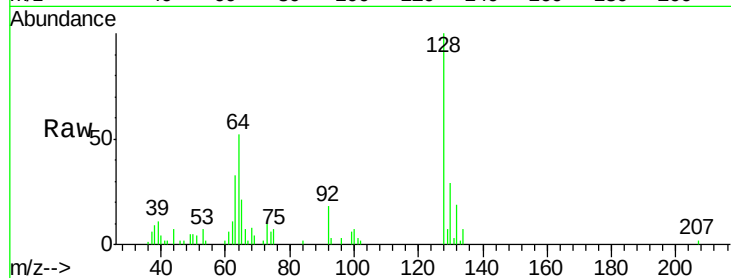
#10
2-Chlorophenol
Concen: 2.86 ng/ul
RT: 7.37 min Scan# 813
Delta R.T. -0.00 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Instrument :
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ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
128	100		
64	52.0	37.5	56.3
130	28.8	25.0	37.4

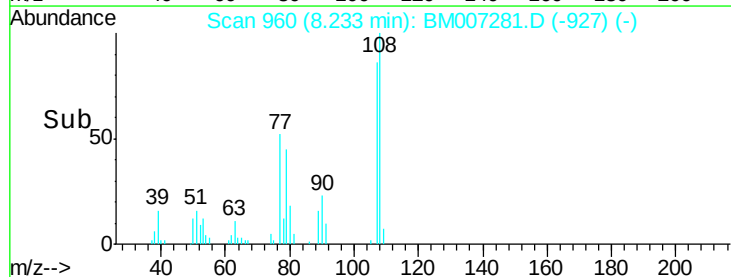
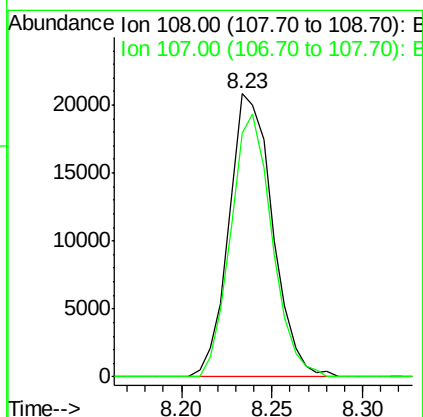
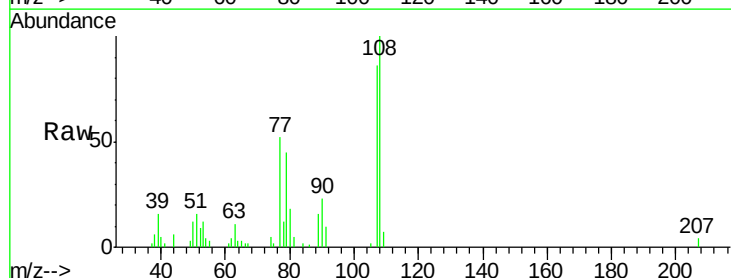
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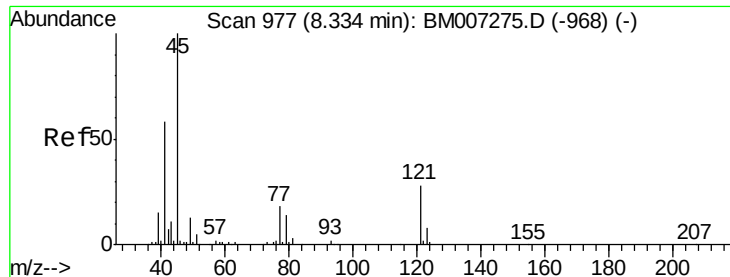
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#11
2-Methylphenol
Concen: 2.79 ng/ul
RT: 8.23 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Lower	Upper
108	100		
107	86.1	71.8	107.6





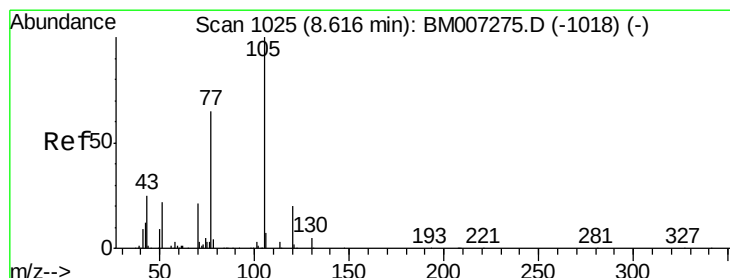
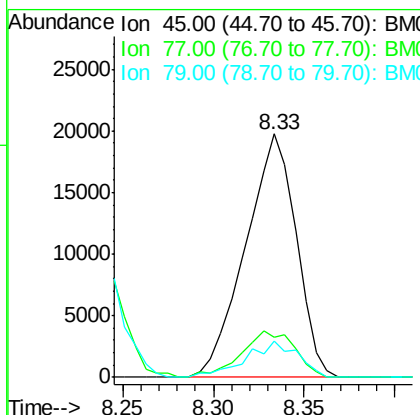
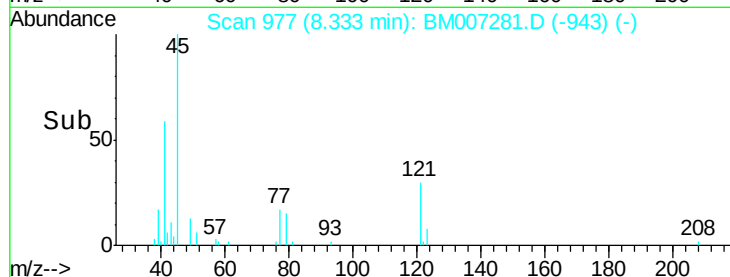
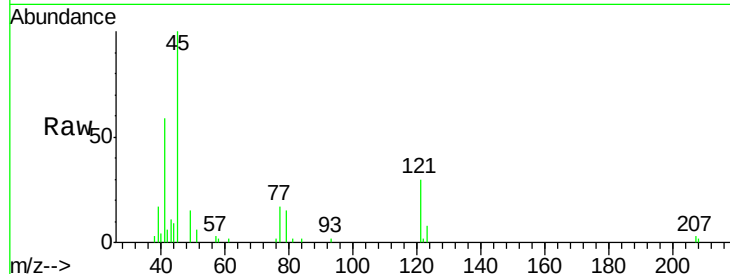
#12
 2,2'-oxybis(1-chloropropane)
 Concen: 3.08 ng/ul
 RT: 8.33 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Instrument :
 BNA_M
 ClientSampled :
 MDL-06-W

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.7	14.1	21.1
79	14.7	10.4	15.6

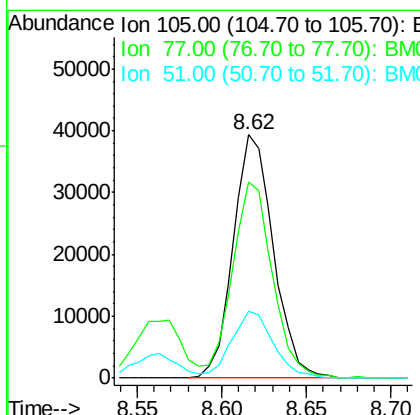
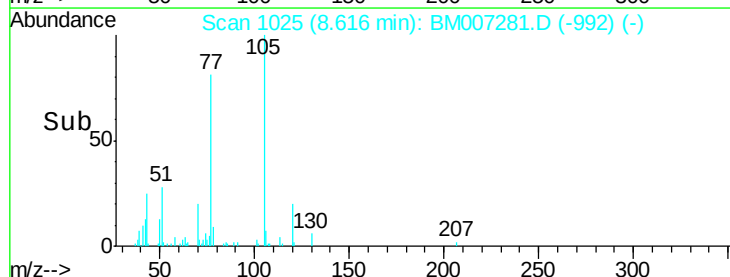
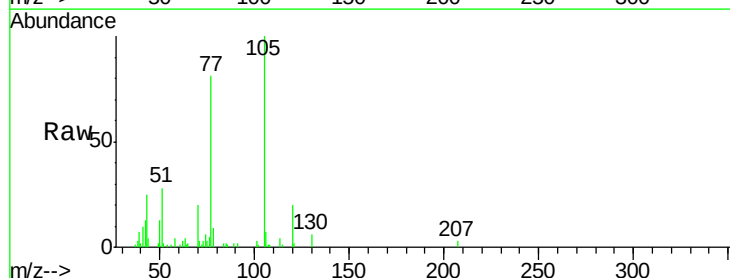
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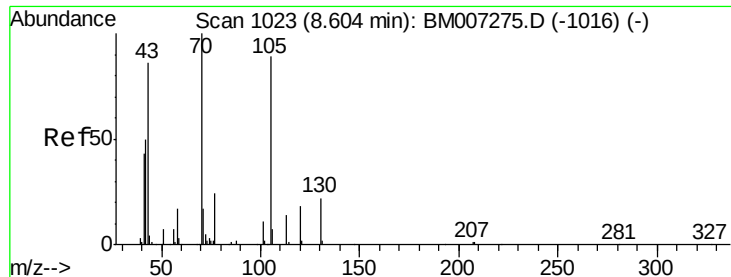
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#14
 Acetophenone
 Concen: 3.16 ng/ul
 RT: 8.62 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Lower	Upper
105	100		
77	80.8	65.9	98.9
51	27.7	22.2	33.2





#15

N-Nitroso-di-n-propylamine

Concen: 2.90 ng/ul

RT: 8.60 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Instrument :

BNA_M

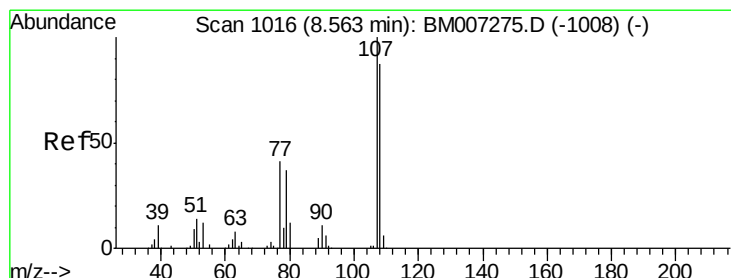
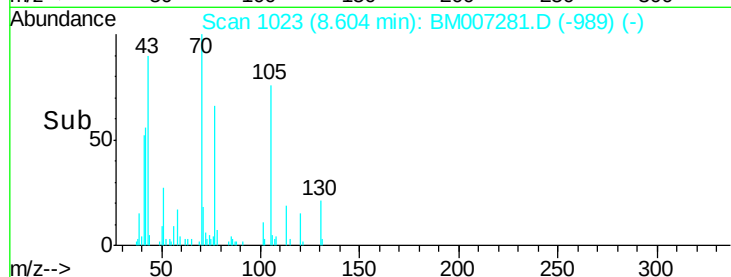
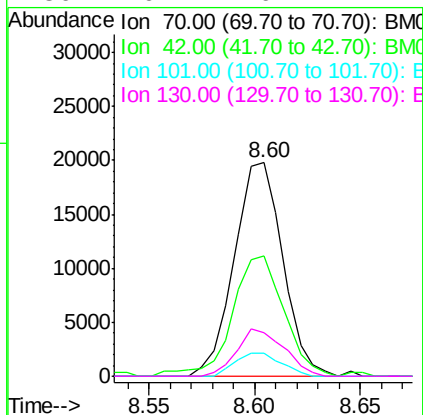
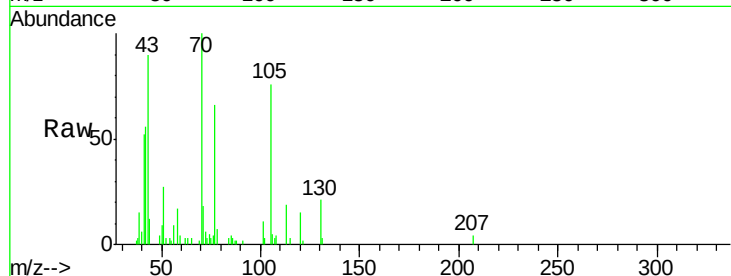
ClientSampleId :

MDL-06-W

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.2	43.4	65.2	
101	10.9	7.8	11.6	
130	20.7	16.2	24.4	

Manual Integrations
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#16

4-Methylphenol

Concen: 2.94 ng/ul

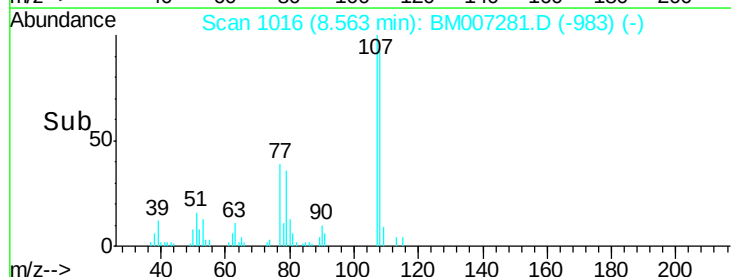
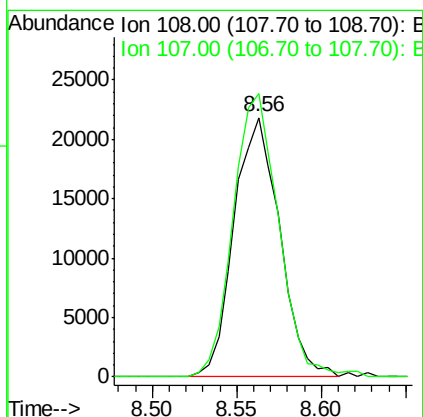
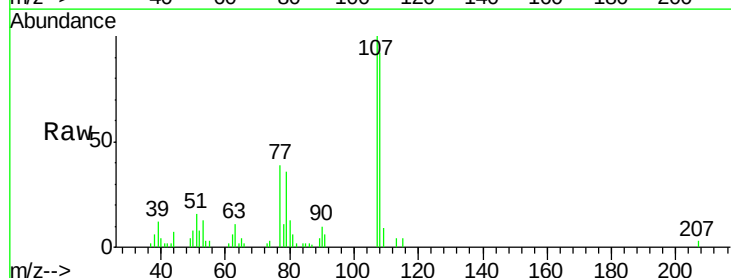
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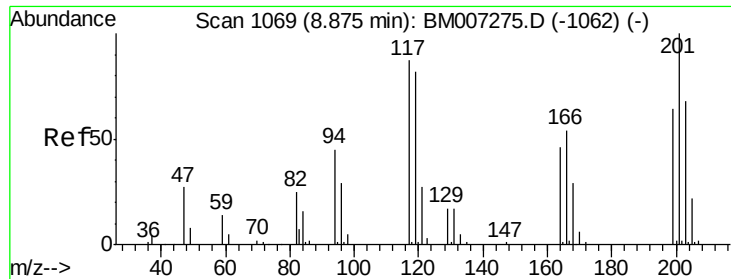
Delta R.T. -0.01 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	109.0	87.8	131.8	





#17

Hexachloroethane

Concen: 3.20 ng/ul

RT: 8.87 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Instrument :

BNA_M

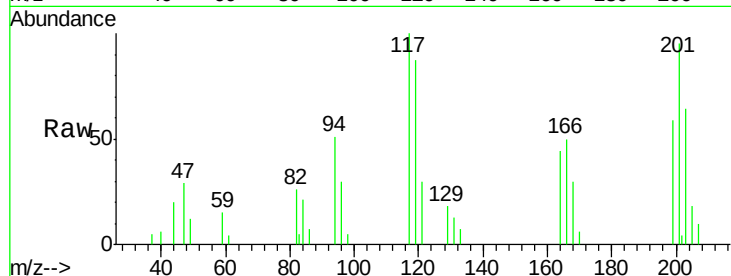
ClientSampled :

MDL-06-W

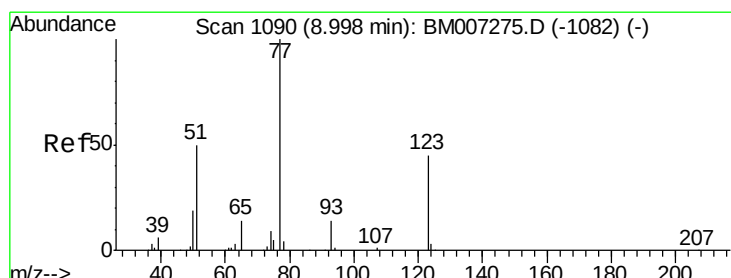
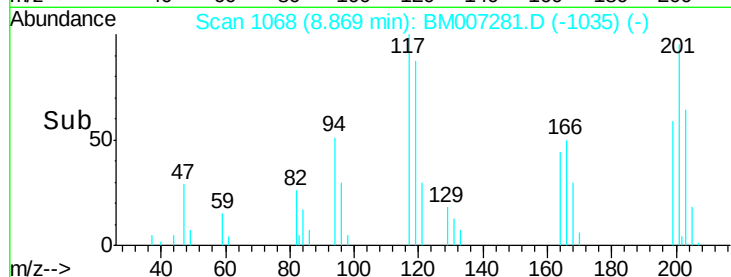
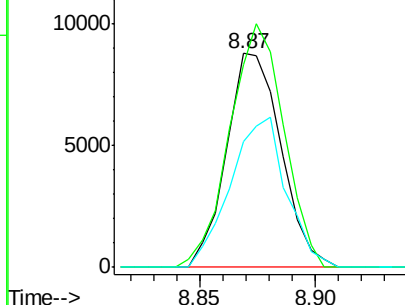
Tgt Ion:	117	Resp:	14459
Ion Ratio	Lower	Upper	
117	100		
201	94.7	90.3	135.5
199	58.8	58.5	87.7

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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: 3.12 ng/ul

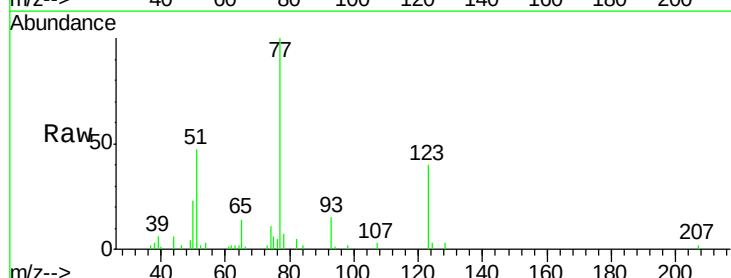
RT: 9.00 min Scan# 1090

Delta R.T. -0.00 min

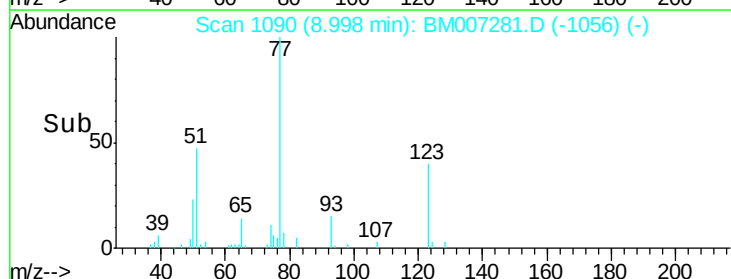
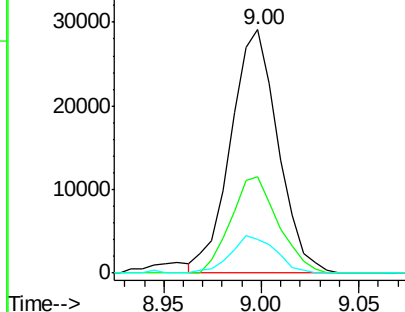
Lab File: BM007281.D

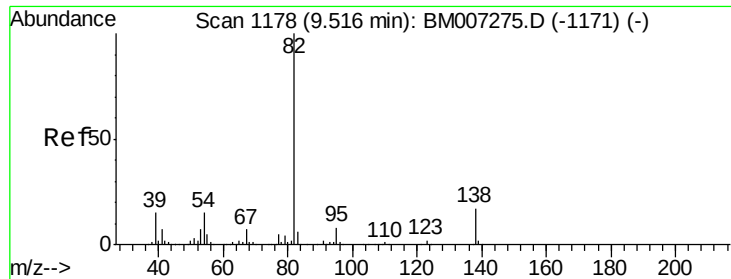
Acq: 24 Aug 2016 16:42

Tgt Ion:	77	Resp:	48984
Ion Ratio	Lower	Upper	
77	100		
123	39.6	34.2	51.4
65	14.0	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





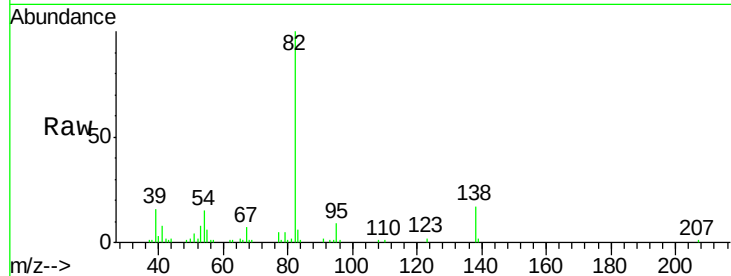
#21
Isophorone
Concen: 2.94 ng/ul
RT: 9.52 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Instrument :
BNA_M
ClientSampleId :
MDL-06-W

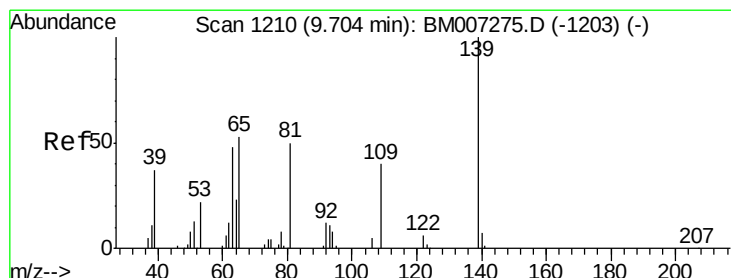
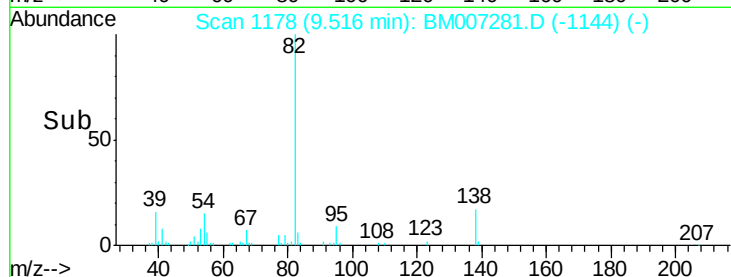
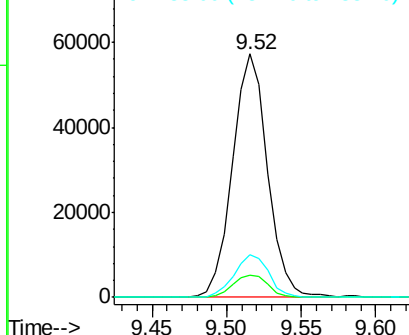
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	9.2	6.9	10.3
138	17.3	13.8	20.8

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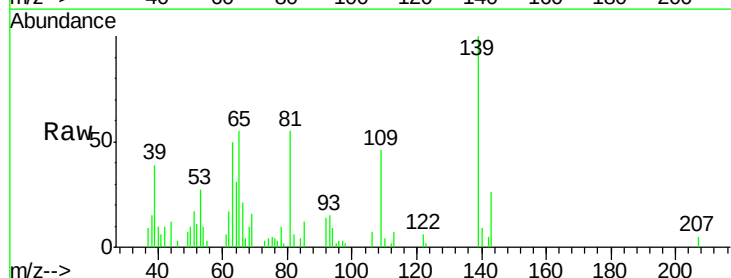


Abundance Ion 82.00 (81.70 to 82.70): BM007275.D (-1171) (-)
Ion 95.00 (94.70 to 95.70): BM007275.D (-1171) (-)
Ion 138.00 (137.70 to 138.70): BM007275.D (-1171) (-)

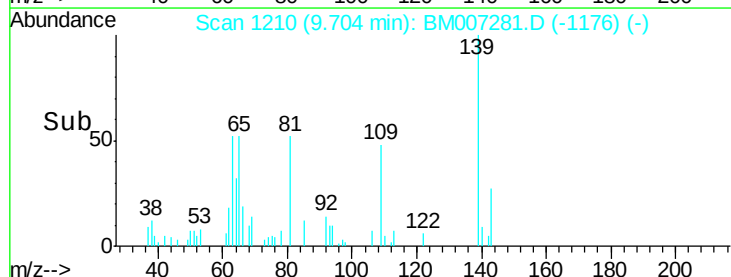
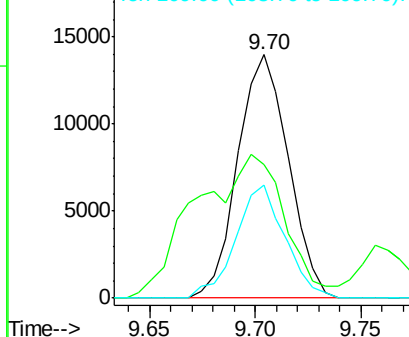


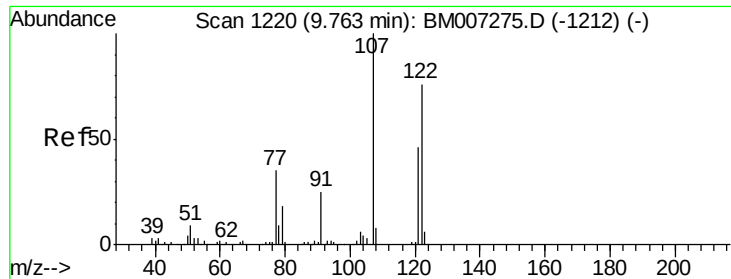
#23
2-Nitrophenol
Concen: 3.00 ng/ul
RT: 9.70 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
65	54.8	44.2	66.4
109	46.4	28.2	42.4



Abundance Ion 139.00 (138.70 to 139.70): BM007275.D (-1203) (-)
Ion 65.00 (64.70 to 65.70): BM007275.D (-1203) (-)
Ion 109.00 (108.70 to 109.70): BM007275.D (-1203) (-)





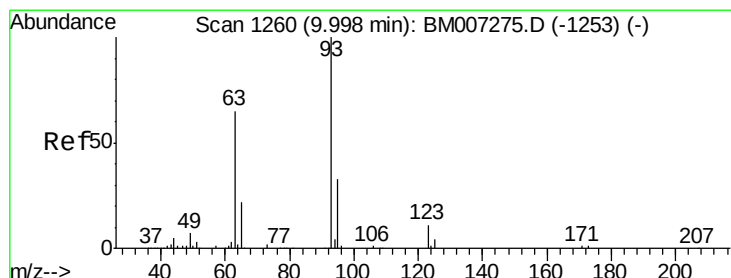
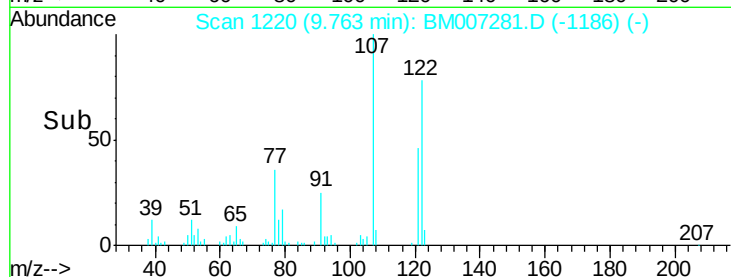
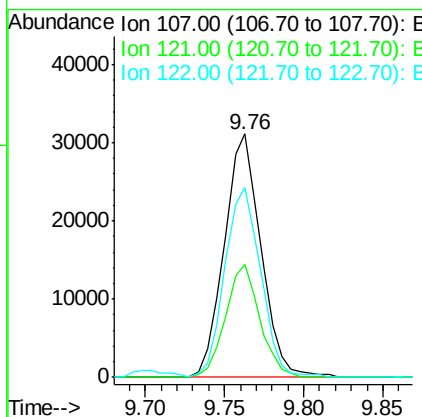
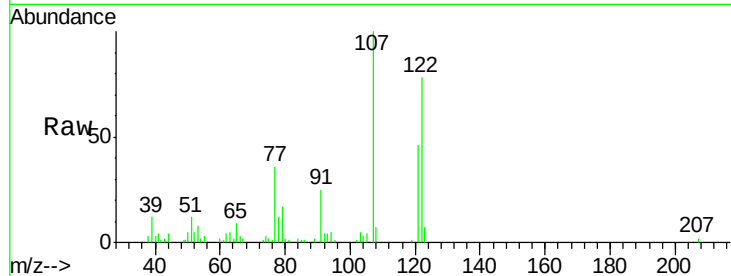
#24
 2,4-Dimethylphenol
 Concen: 2.93 ng/ul
 RT: 9.76 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-W

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	50012		
121	46.3		37.1	55.7
122	78.1		62.8	94.2

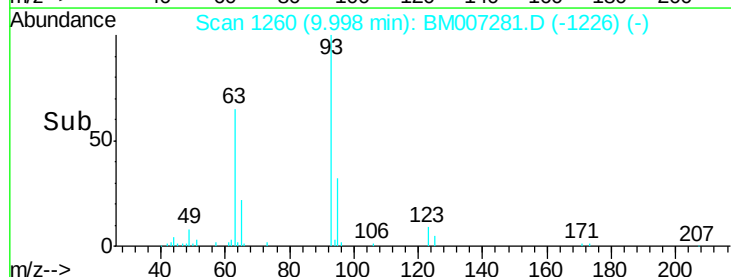
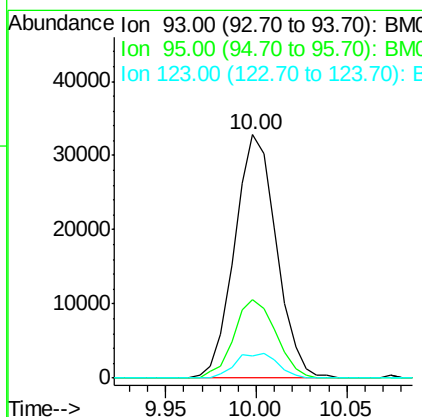
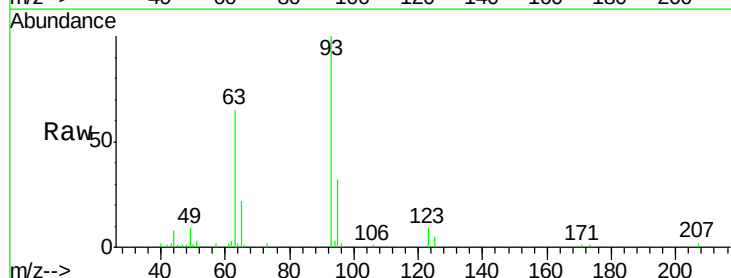
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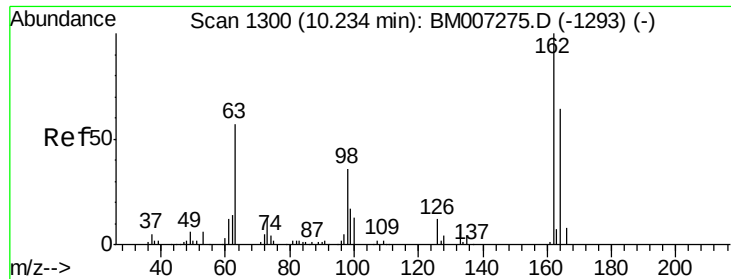
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.92 ng/ul
 RT: 10.00 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	52625		
95	32.4		25.4	38.0
123	9.0		8.3	12.5





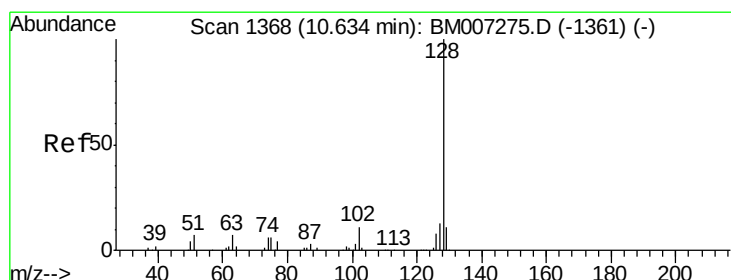
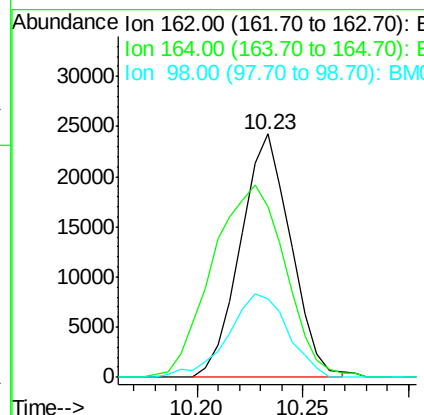
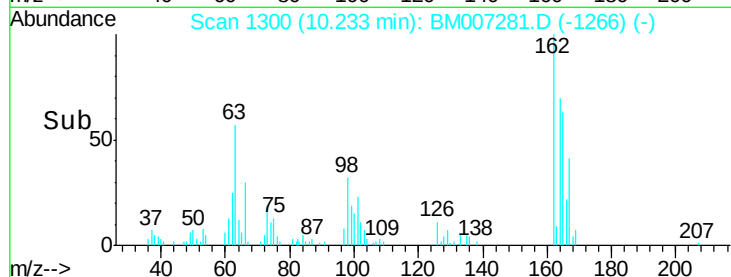
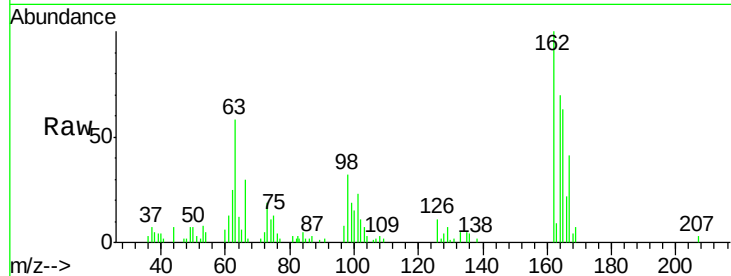
#27
 2,4-Dichlorophenol
 Concen: 2.84 ng/ul
 RT: 10.23 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Instrument :
 BNA_M
 ClientSampled :
 MDL-06-W

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	40098		
164	69.9	51.6	77.4	
98	32.3	28.4	42.6	

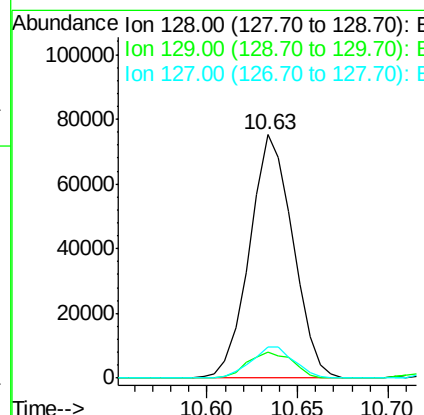
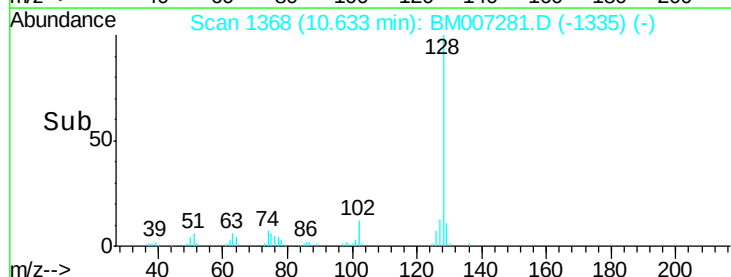
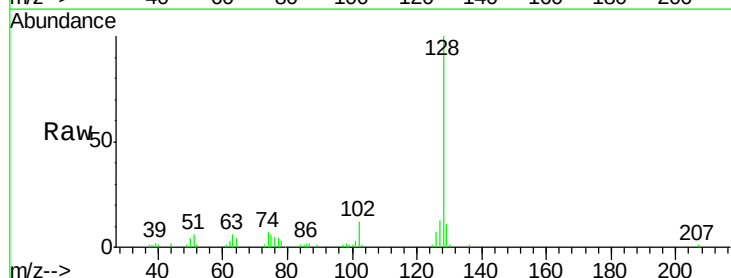
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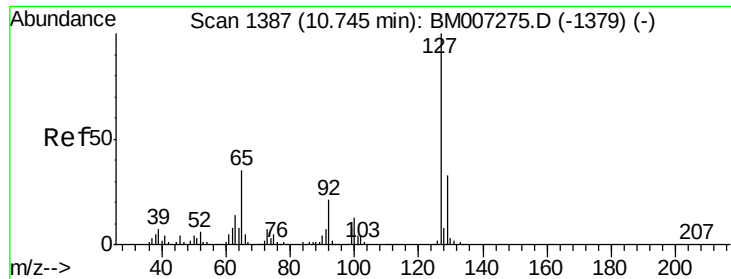
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#28
 Naphthalene
 Concen: 3.02 ng/ul
 RT: 10.63 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	125039		
129	10.8	8.6	12.8	
127	13.0	10.6	15.8	





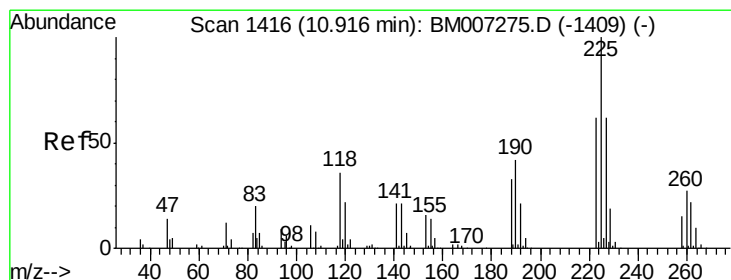
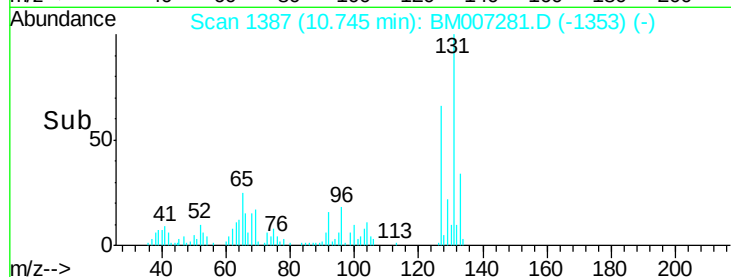
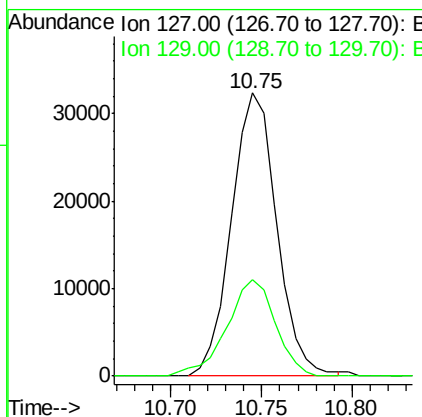
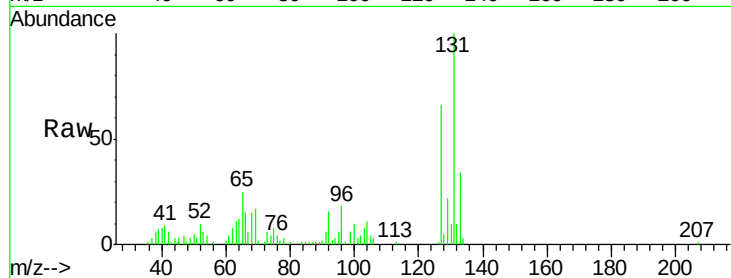
#30
4-Chloroaniline
Concen: 3.09 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Instrument :
BNA_M
ClientSampleId :
MDL-06-W

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.0	24.6	37.0

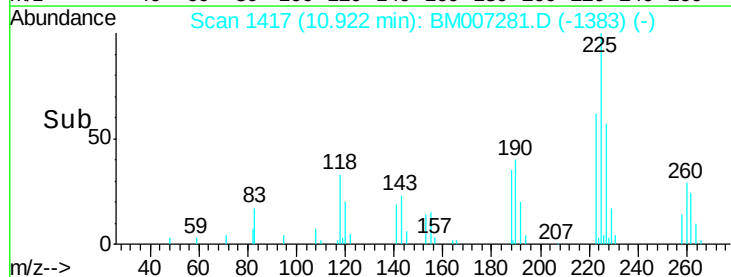
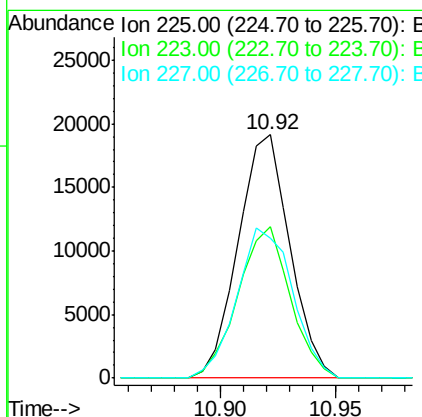
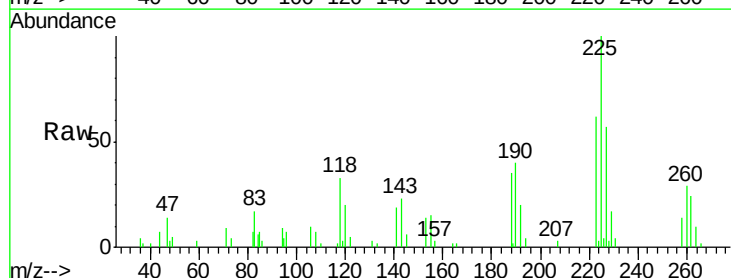
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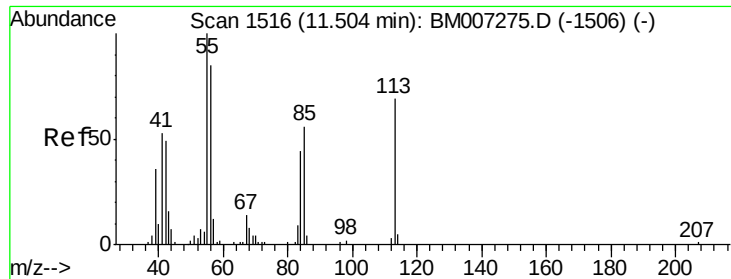
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#31
Hexachlorobutadiene
Concen: 3.14 ng/ul
RT: 10.92 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.7	51.2	76.8
227	55.0	52.5	78.7





#32

Caprolactam

Concen: 2.65 ng/ul m

RT: 11.54 min Scan# 1522

Delta R.T. 0.04 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Instrument :

BNA_M

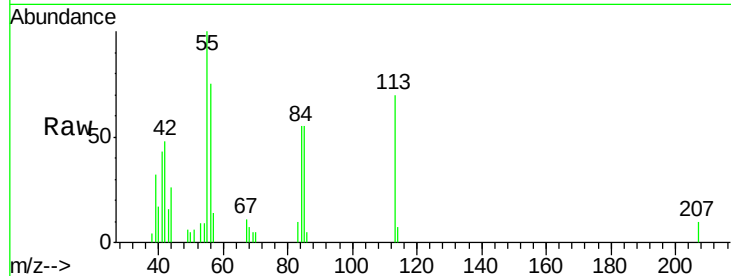
ClientSampleId :

MDL-06-W

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	143.5	121.9	182.9	
56	107.4	97.4	146.0	

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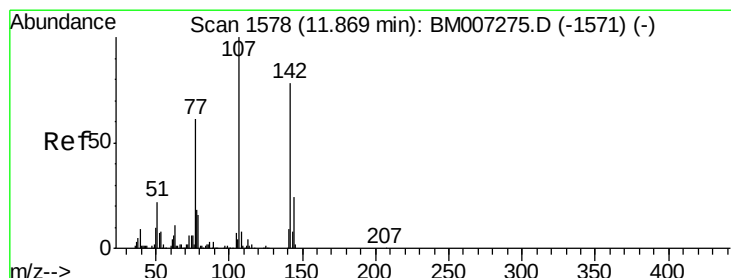
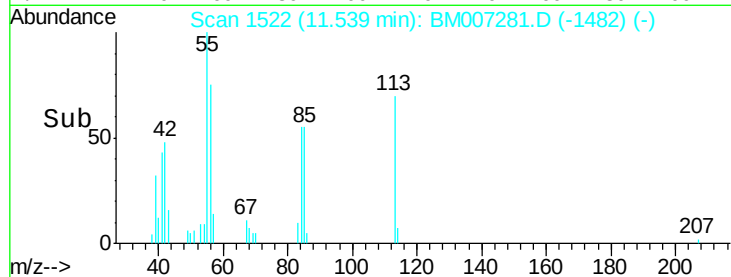
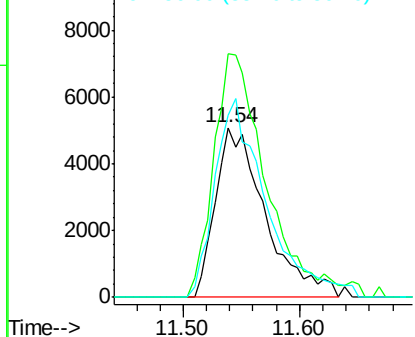


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 2.70 ng/ul

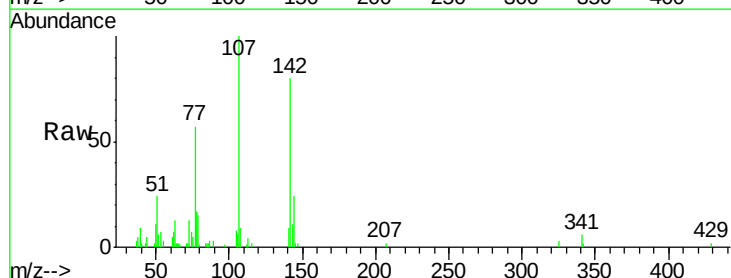
RT: 11.87 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.2	21.1	31.7	
142	79.9	64.1	96.1	

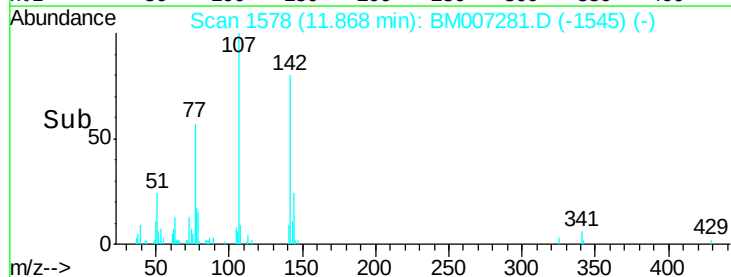
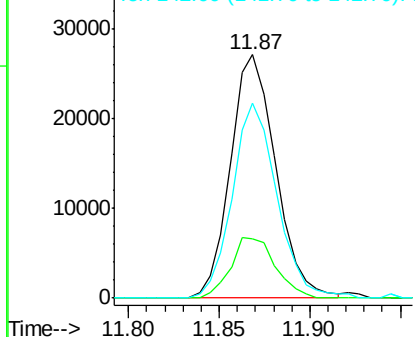


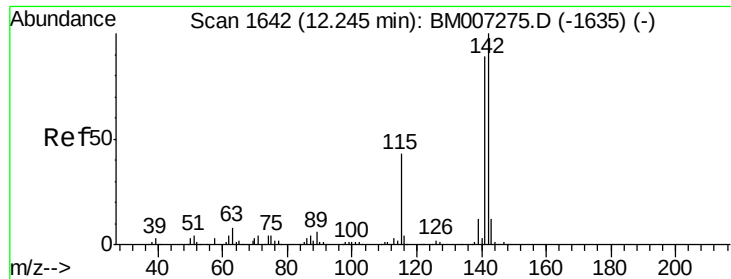
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





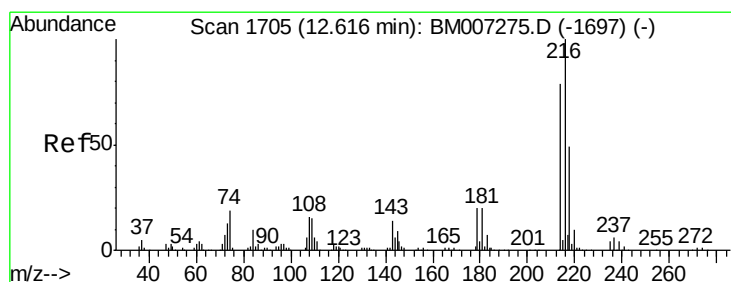
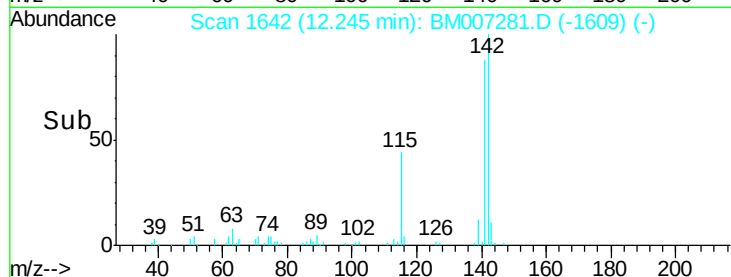
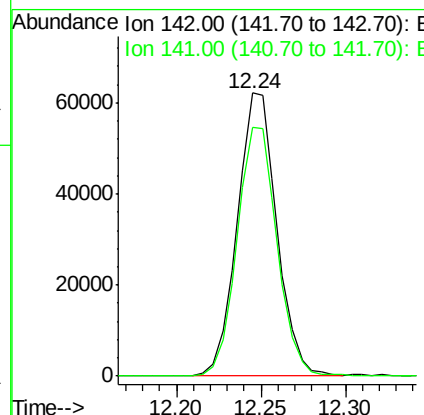
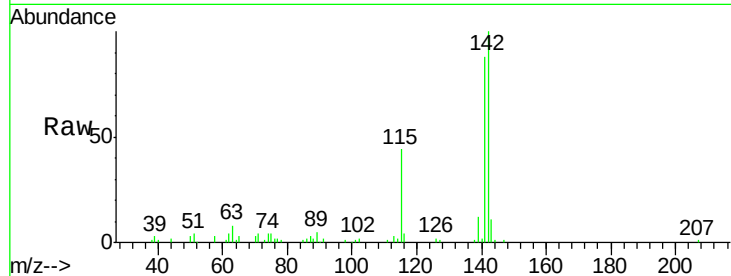
#34
2-Methylnaphthalene
Concen: 3.00 ng/ul
RT: 12.24 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Instrument :
BNA_M
ClientSampleId :
MDL-06-W

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	101421		
141	88.1	71.3	106.9	

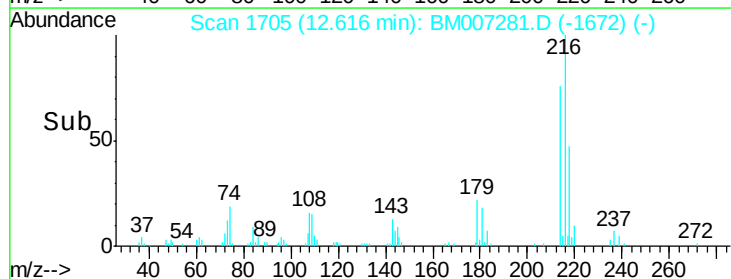
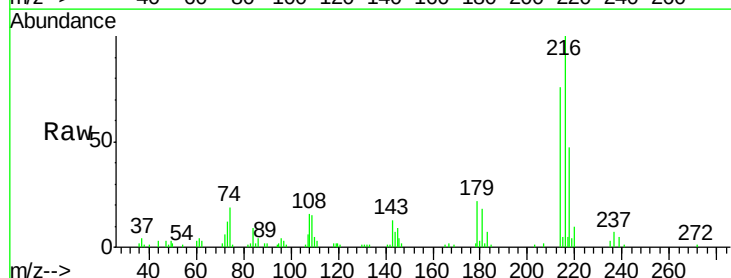
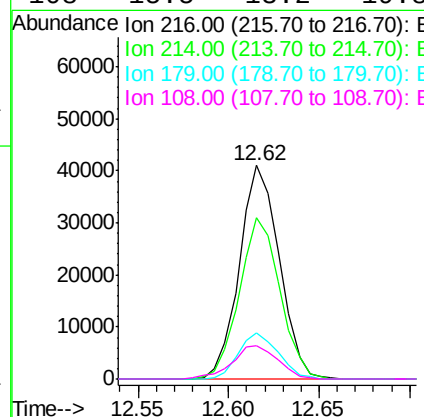
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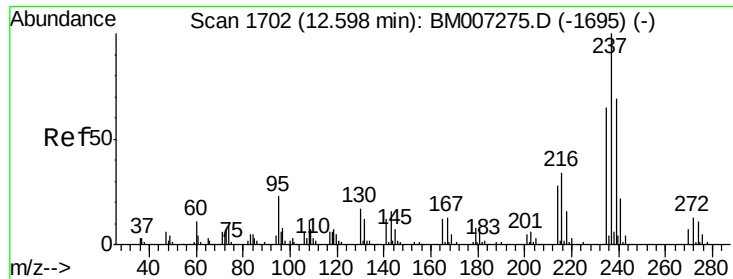
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 3.14 ng/ul
RT: 12.62 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	62881		
214	75.8	64.8	97.2	
179	21.6	16.7	25.1	
108	15.5	13.2	19.8	





#37

Hexachlorocyclopentadiene

Concen: 2.26 ng/ul

RT: 12.60 min Scan# 1702

Delta R.T. -0.00 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Instrument :

BNA_M

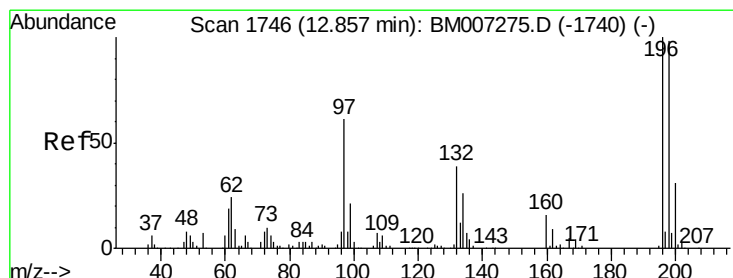
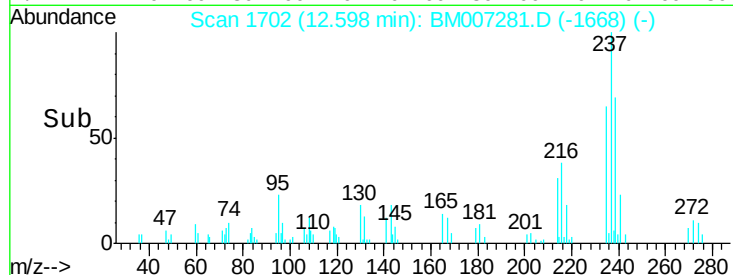
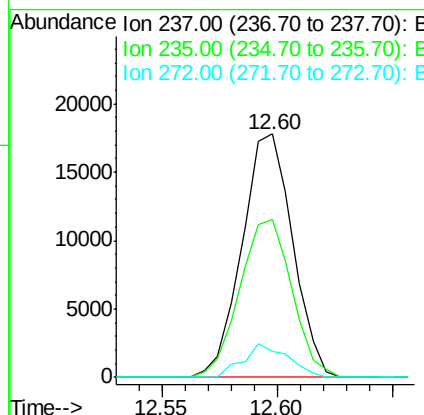
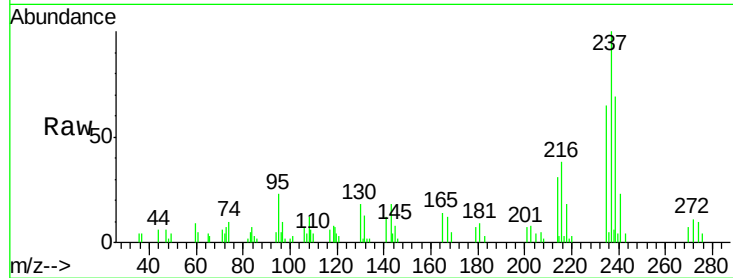
ClientSampleId :

MDL-06-W

Tgt Ion:	237	Resp:	27264
Ion Ratio	Lower	Upper	
237	100		
235	64.6	49.6	74.4
272	10.5	10.4	15.6

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#38

2,4,6-Trichlorophenol

Concen: 2.68 ng/ul

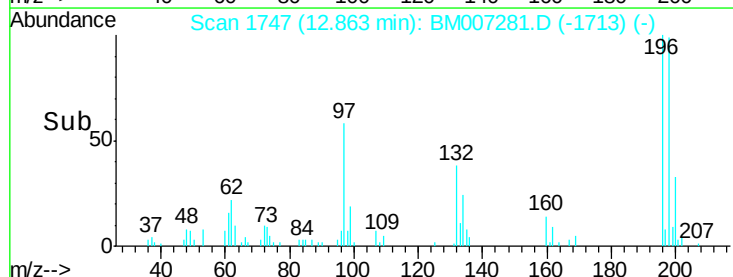
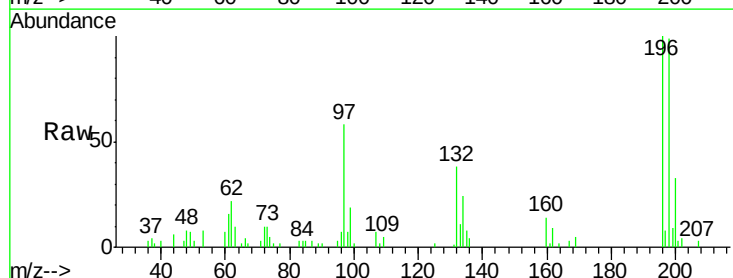
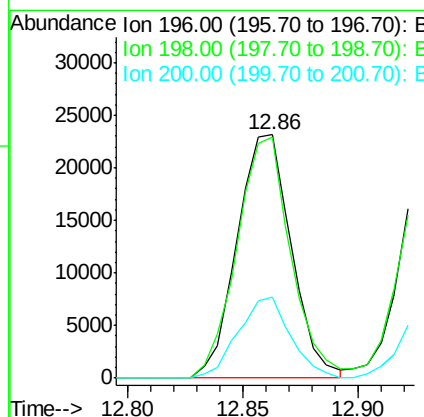
RT: 12.86 min Scan# 1747

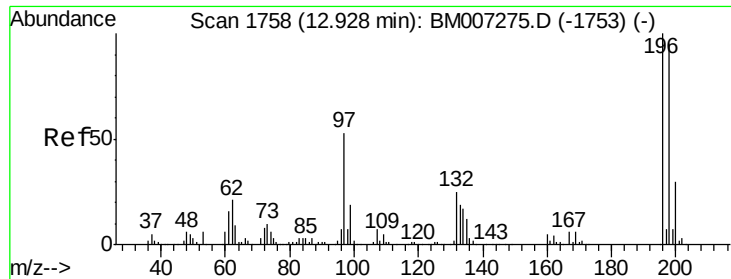
Delta R.T. -0.00 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Tgt Ion:	196	Resp:	37897
Ion Ratio	Lower	Upper	
196	100		
198	99.1	76.9	115.3
200	33.2	25.1	37.7





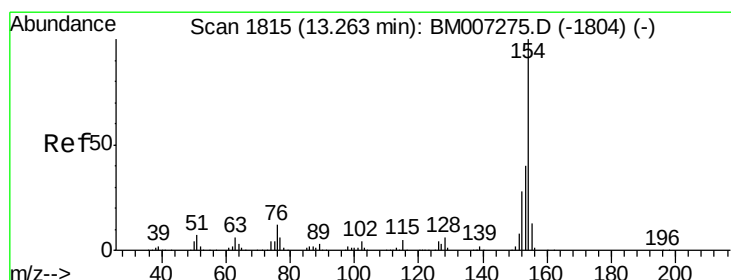
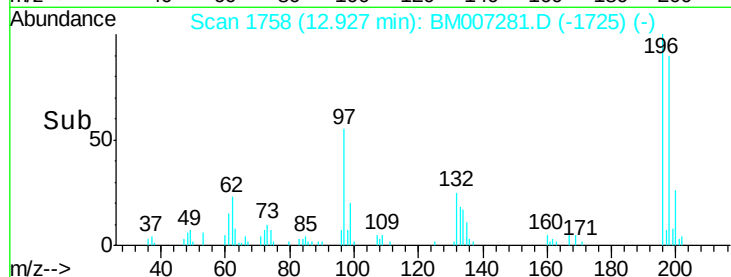
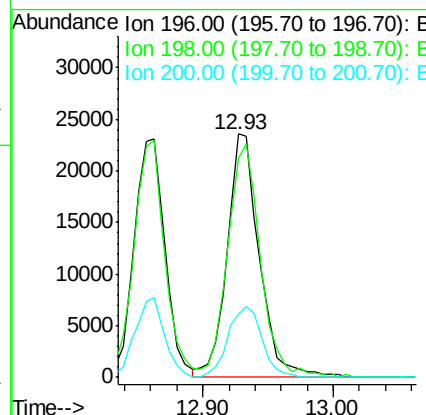
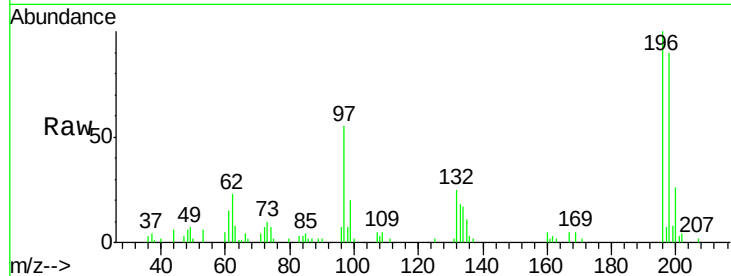
#39
 2,4,5-Trichlorophenol
 Concen: 2.75 ng/ul m
 RT: 12.93 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Instrument :
 BNA_M
 ClientSampled :
 MDL-06-W

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	40528		
198	89.9	76.8	115.2	
200	26.2	27.0	40.4	

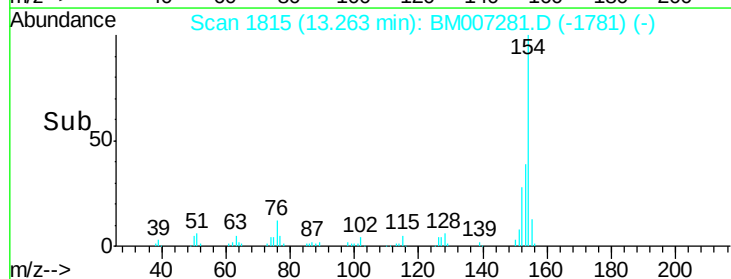
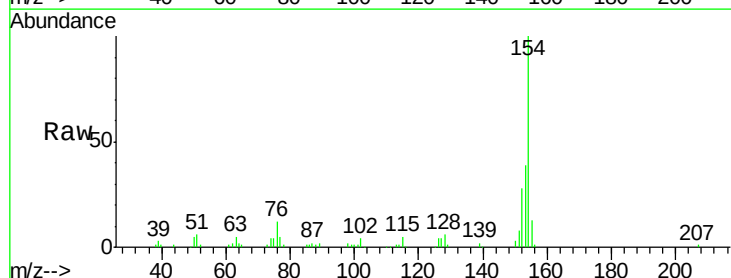
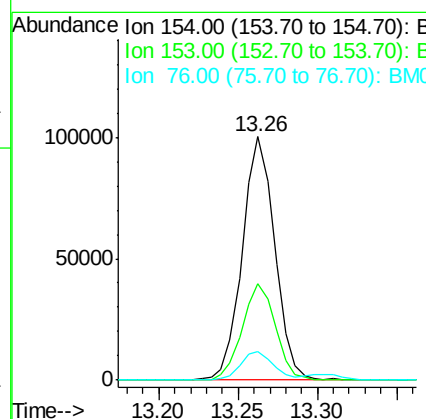
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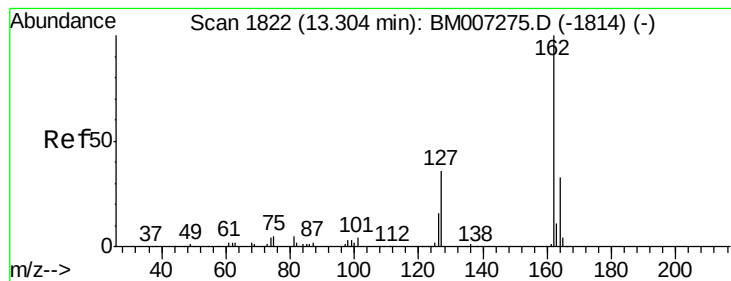
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#40
 1,1'-Biphenyl
 Concen: 3.06 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	142684		
153	39.5	31.3	46.9	
76	11.8	10.0	15.0	





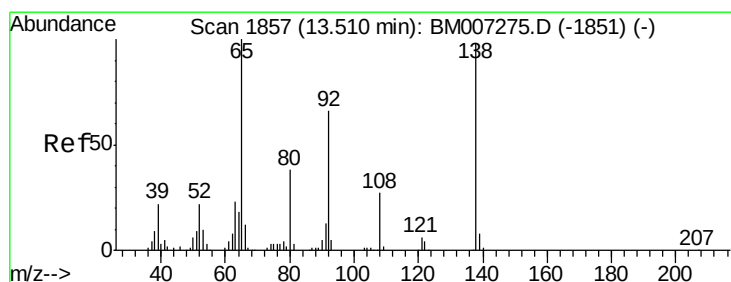
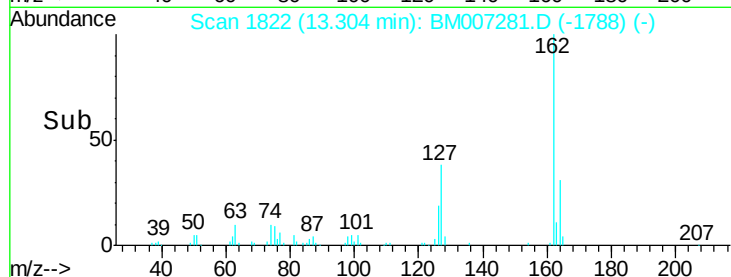
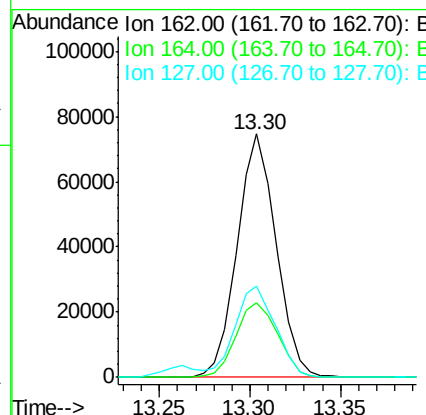
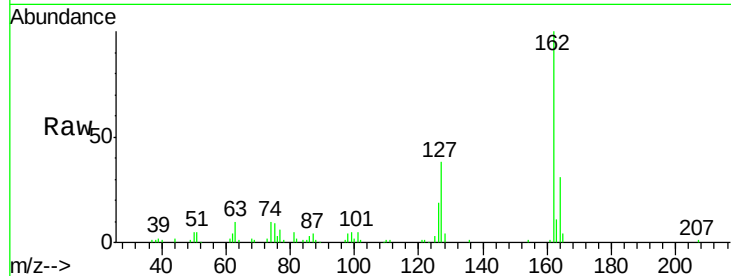
#41
2-Chloronaphthalene
Concen: 3.05 ng/ul
RT: 13.30 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Instrument :
BNA_M
ClientSampleId :
MDL-06-W

Tgt Ion	Ratio	Lower	Upper
162	100		
164	30.6	26.9	40.3
127	37.7	31.2	46.8

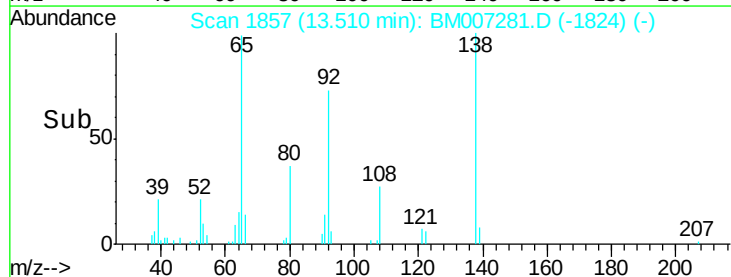
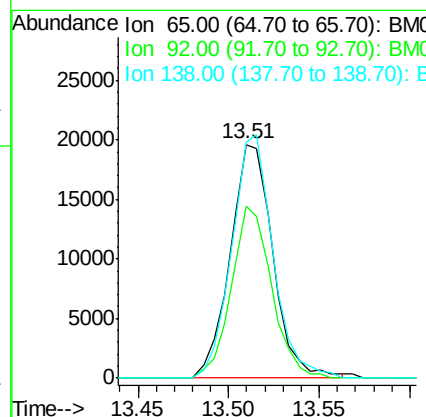
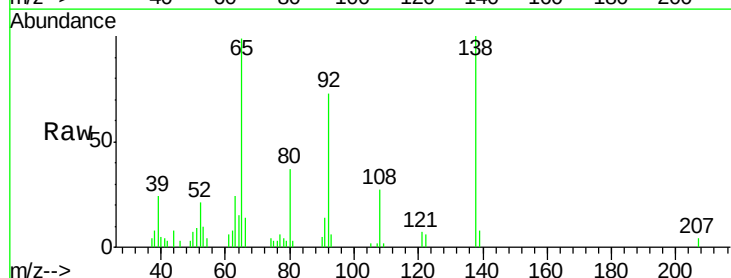
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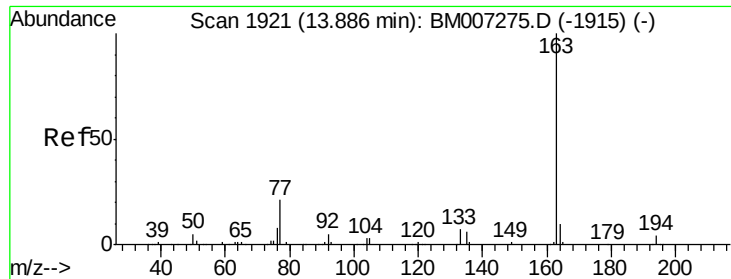
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#42
2-Nitroaniline
Concen: 2.69 ng/ul
RT: 13.51 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	55.6	83.4
138	101.1	81.3	121.9





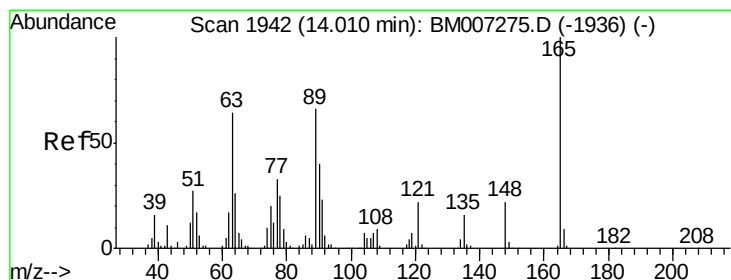
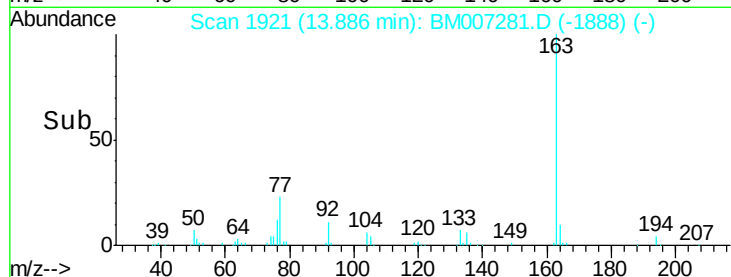
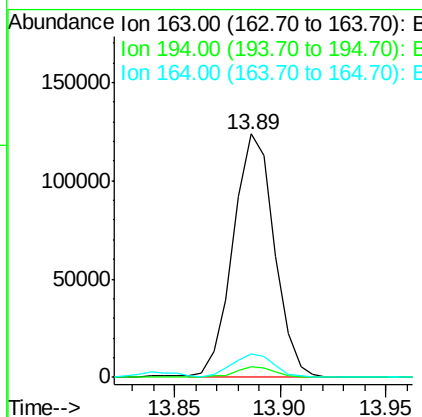
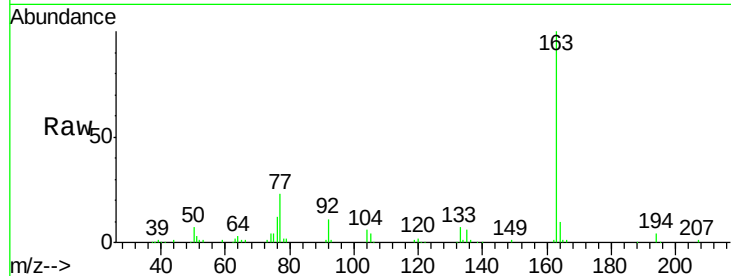
#44
Dimethylphthalate
Concen: 3.24 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Instrument :
BNA_M
ClientSampled :
MDL-06-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.2	3.4	5.2
164	9.9	7.8	11.8

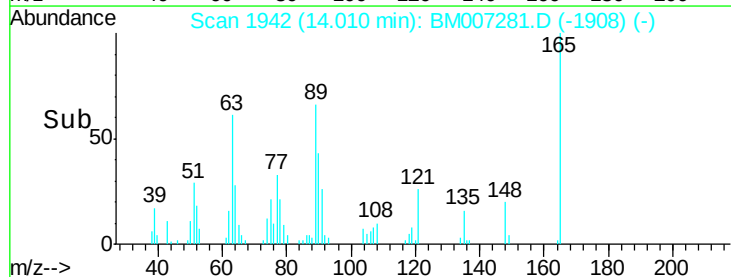
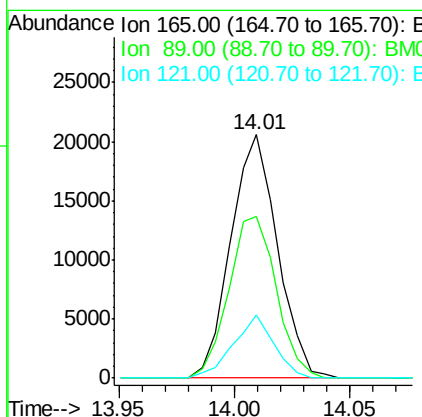
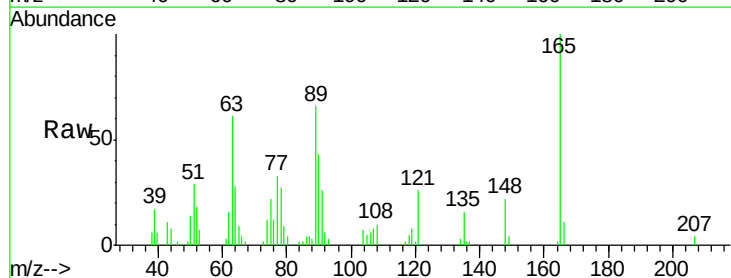
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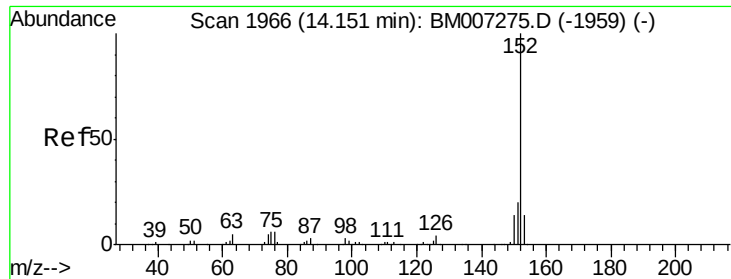
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#45
2,6-Dinitrotoluene
Concen: 2.74 ng/ul
RT: 14.01 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
89	66.4	46.6	69.8
121	26.1	16.0	24.0





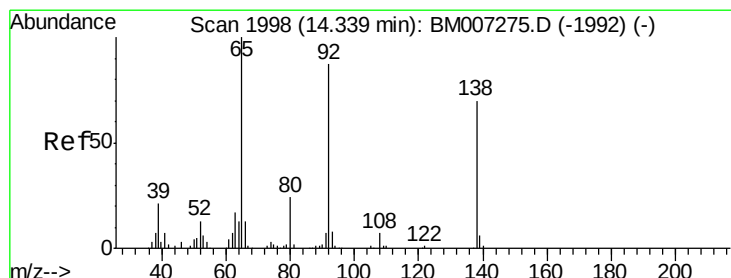
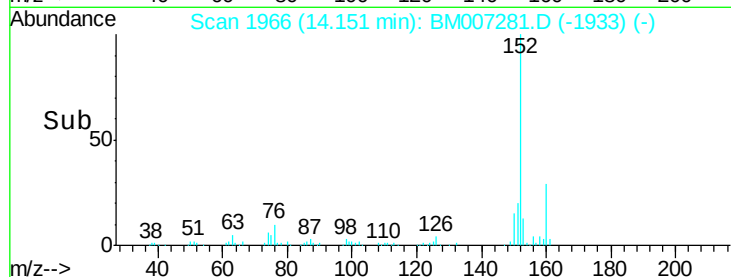
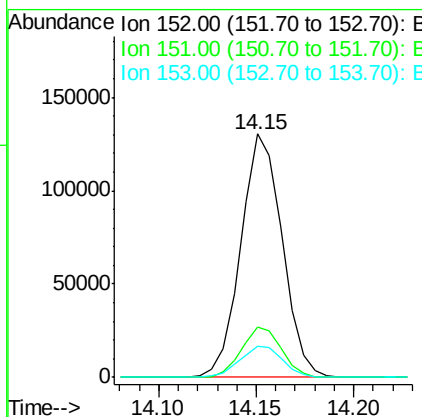
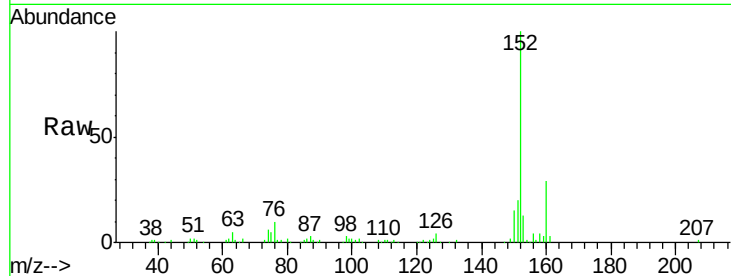
#47
Acenaphthylene
Concen: 3.09 ng/ul
RT: 14.15 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Instrument :
BNA_M
ClientSampled :
MDL-06-W

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	191045		
151	20.5	16.0	24.0	
153	12.7	11.0	16.6	

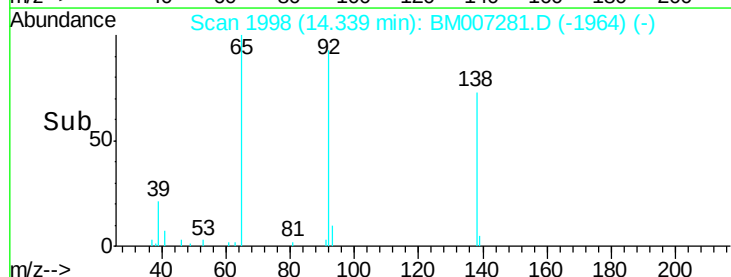
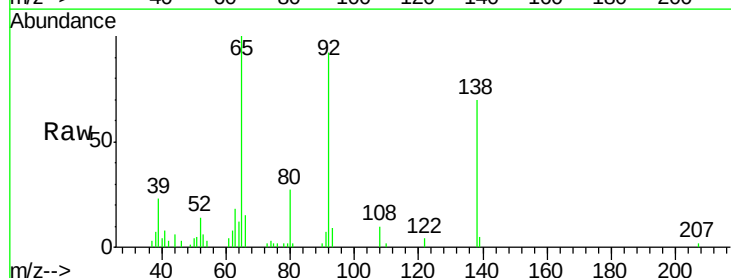
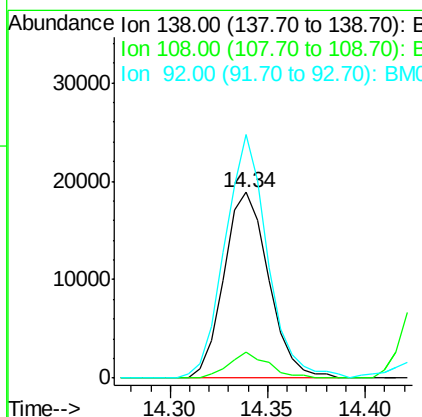
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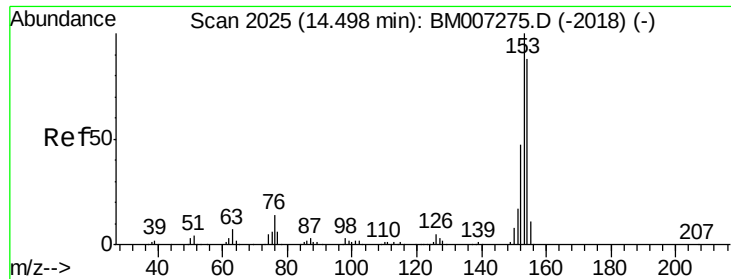
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#48
3-Nitroaniline
Concen: 2.78 ng/ul
RT: 14.34 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	29968		
108	14.1	9.4	14.0#	
92	131.2	96.6	145.0	





#49

Acenaphthene

Concen: 3.07 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Instrument :

BNA_M

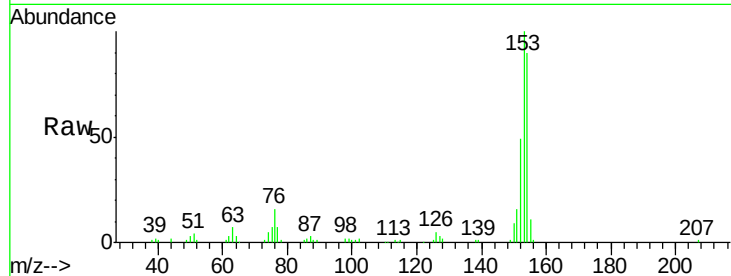
ClientSampled :

MDL-06-W

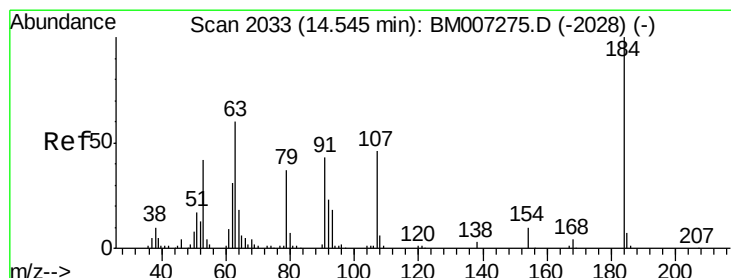
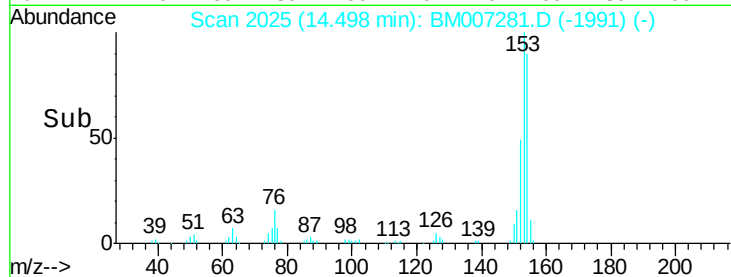
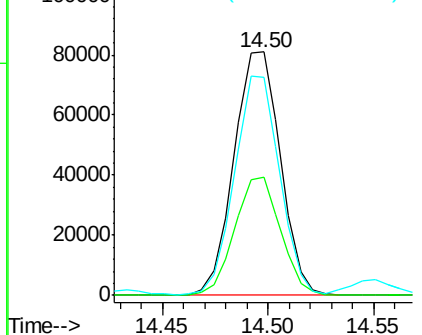
Tgt Ion:	153	Resp:	123598
Ion Ratio	Lower	Upper	
153	100		
152	48.7	37.8	56.6
154	89.8	71.4	107.0

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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: 1.86 ng/ul

RT: 14.55 min Scan# 2034

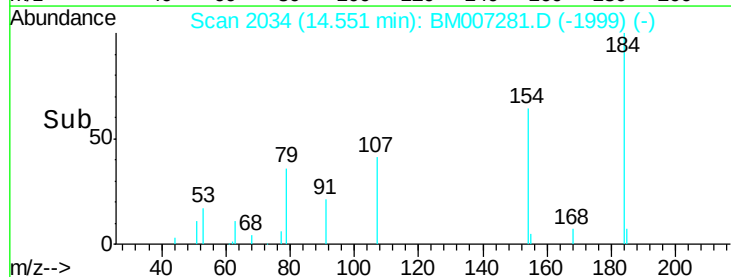
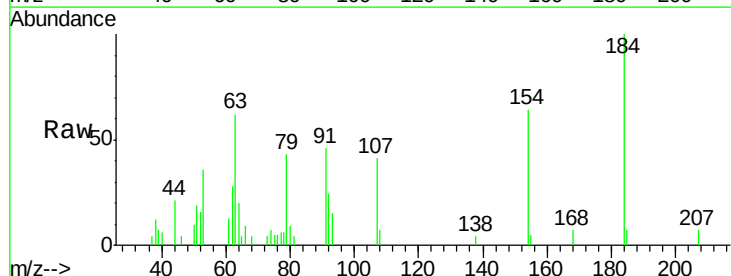
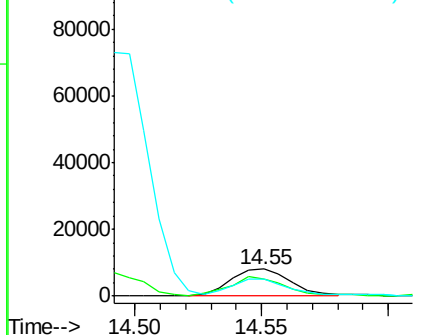
Delta R.T. 0.01 min

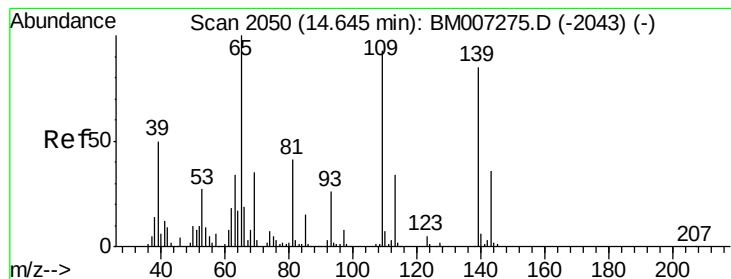
Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Tgt Ion:	184	Resp:	13328
Ion Ratio	Lower	Upper	
184	100		
63	62.2	43.4	65.0
154	64.1	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: 3.30 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Instrument :

BNA_M

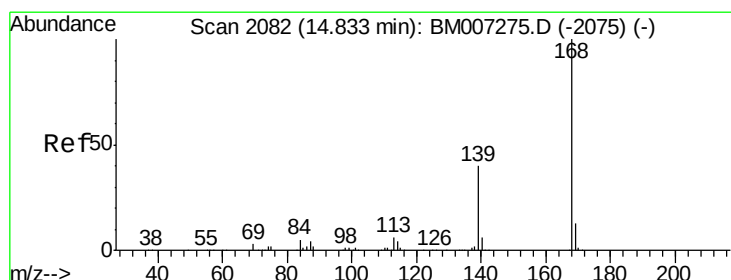
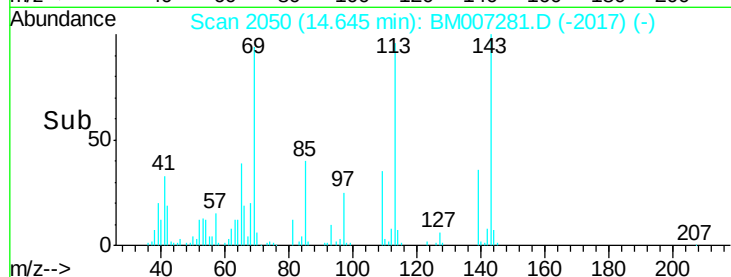
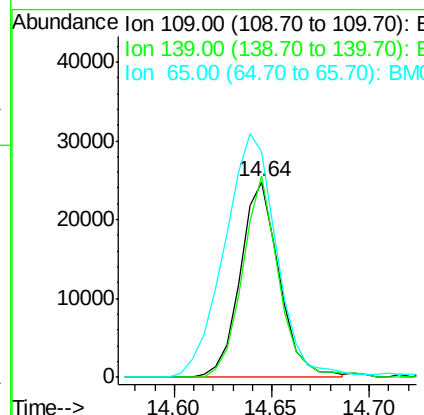
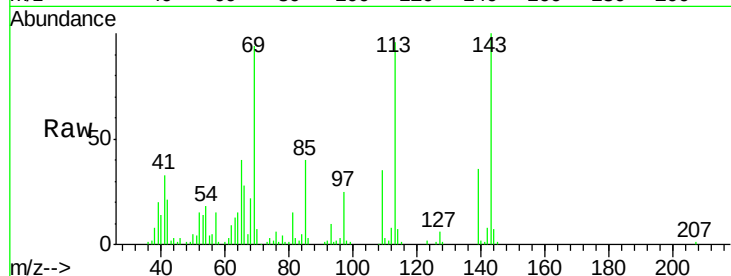
ClientSampleId :

MDL-06-W

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	34363		
139	103.1	88.7	133.1	
65	115.7	96.4	144.6	

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#53

Dibenzofuran

Concen: 3.15 ng/ul

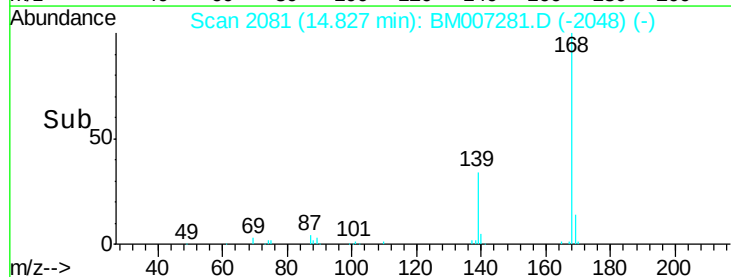
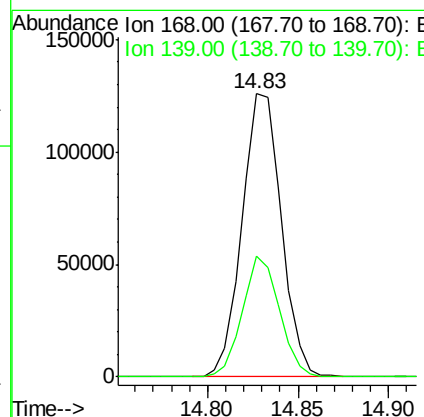
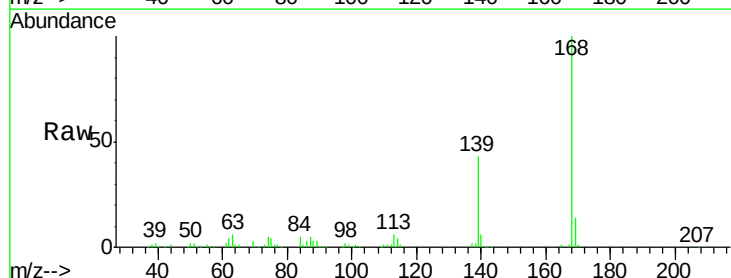
RT: 14.83 min Scan# 2081

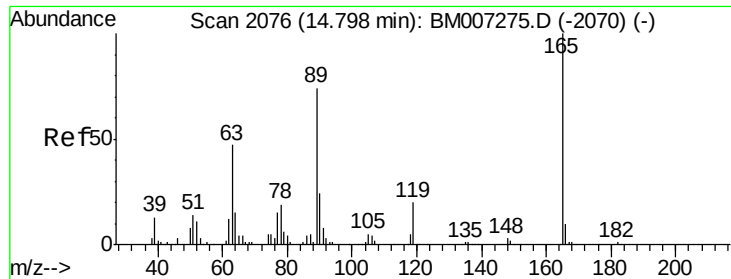
Delta R.T. -0.01 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	189679		
139	42.5	30.1	45.1	





#54

2,4-Dinitrotoluene

Concen: 3.00 ng/ul

RT: 14.80 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Instrument :

BNA_M

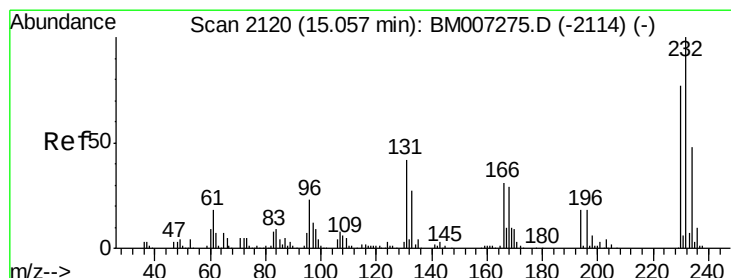
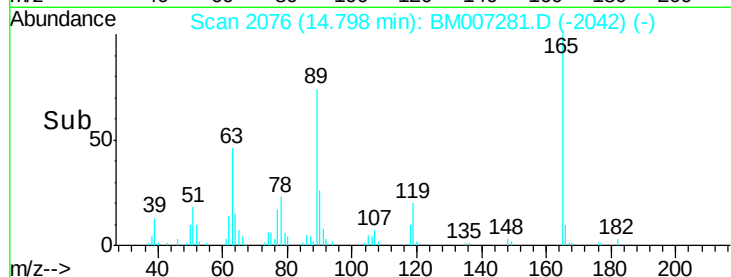
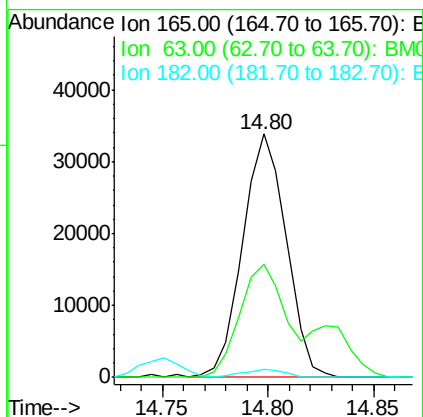
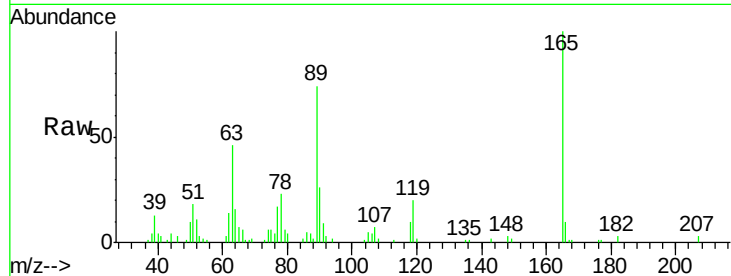
ClientSampleId :

MDL-06-W

Tgt Ion:	165	Resp:	48562
Ion Ratio	Lower	Upper	
165	100		
63	46.4	36.2	54.2
182	3.1	2.2	3.4

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#55

2,3,4,6-Tetrachlorophenol

Concen: 2.83 ng/ul

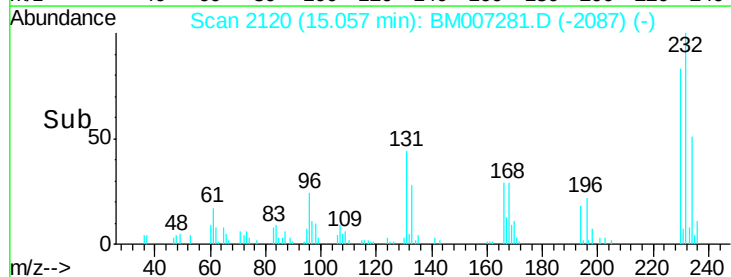
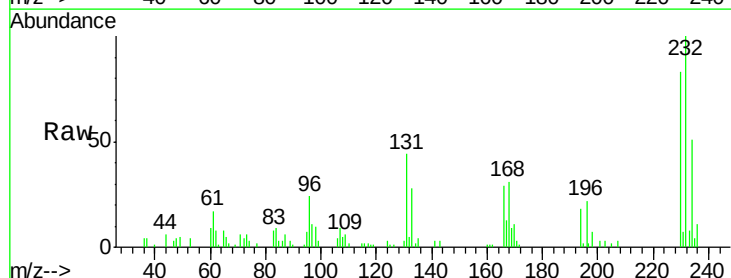
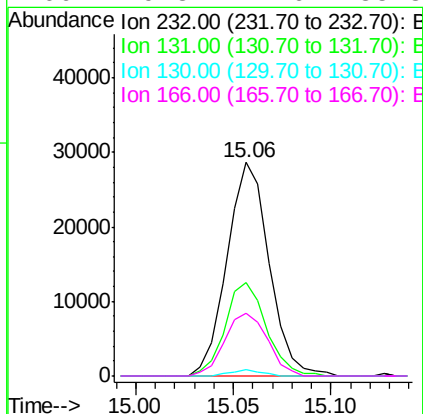
RT: 15.06 min Scan# 2120

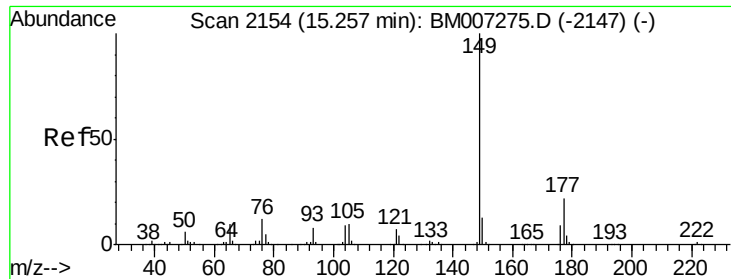
Delta R.T. -0.01 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Tgt Ion:	232	Resp:	42797
Ion Ratio	Lower	Upper	
232	100		
131	43.6	31.4	47.0
130	2.8	1.6	2.4
166	29.3	22.6	33.8





#56

Diethylphthalate

Concen: 3.12 ng/ul

RT: 15.26 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Instrument :

BNA_M

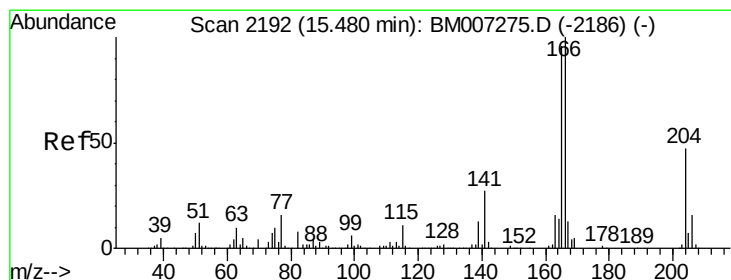
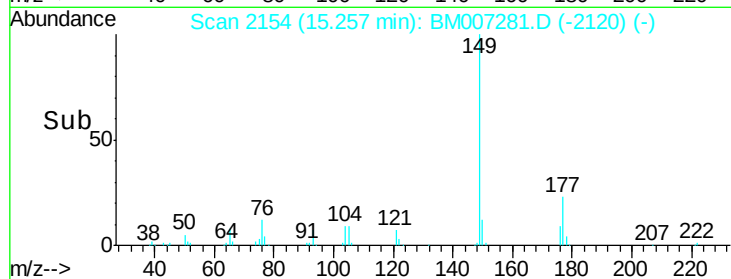
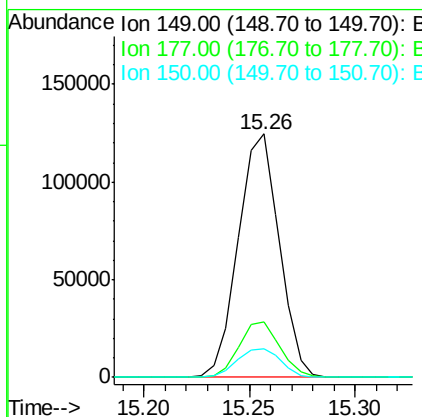
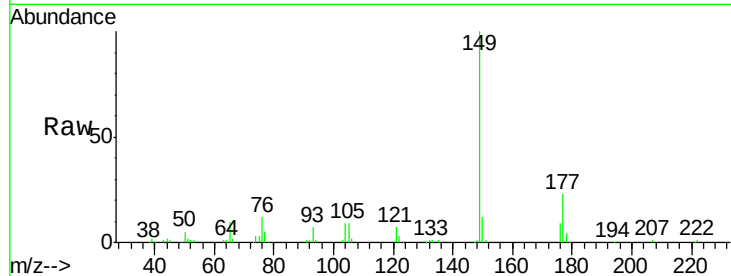
ClientSampled :

MDL-06-W

Tgt Ion:	149	Resp:	168034
Ion Ratio	Lower	Upper	
149	100		
177	23.0	18.6	28.0
150	11.9	10.0	15.0

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#58

Fluorene

Concen: 3.22 ng/ul

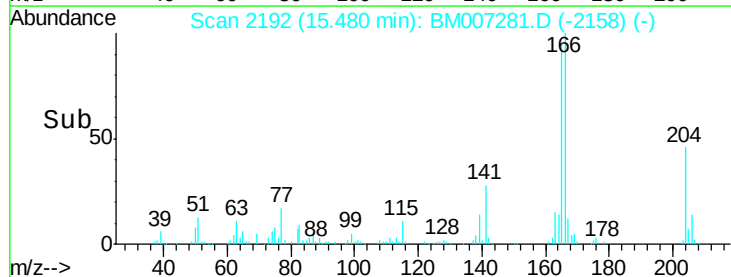
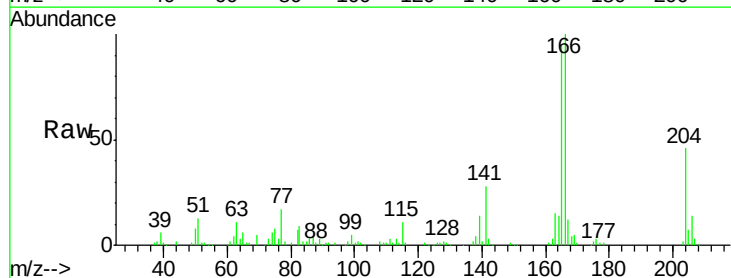
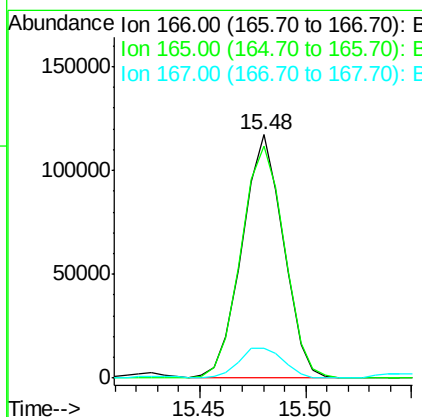
RT: 15.48 min Scan# 2192

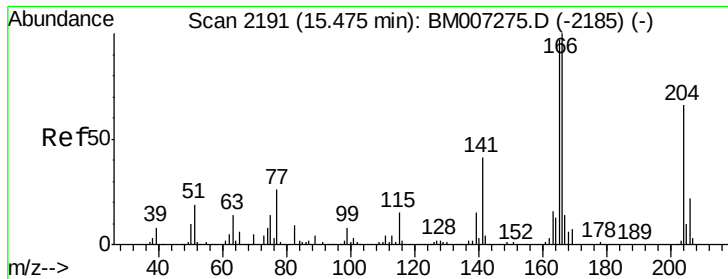
Delta R.T. -0.00 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Tgt Ion:	166	Resp:	159716
Ion Ratio	Lower	Upper	
166	100		
165	95.2	79.9	119.9
167	12.3	10.5	15.7





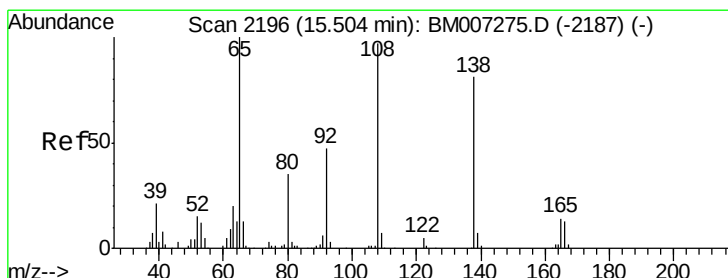
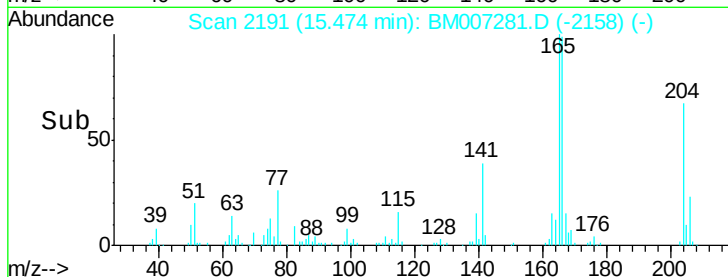
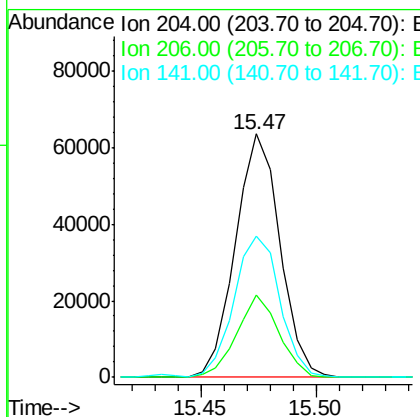
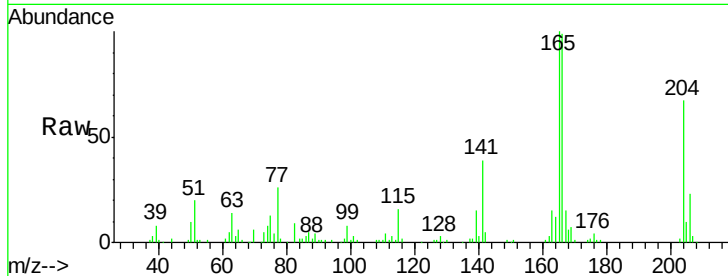
#59
 4-Chlorophenyl-phenylether
 Concen: 3.30 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-W

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	85623		
206	34.0	25.9	38.9	
141	57.8	46.1	69.1	

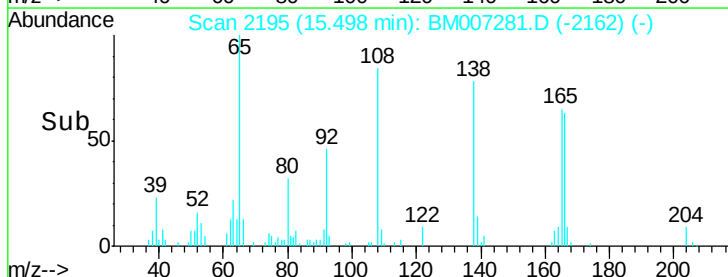
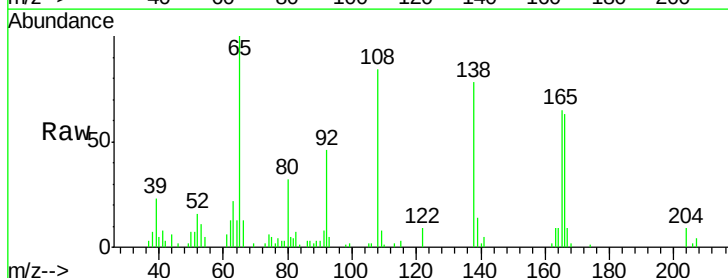
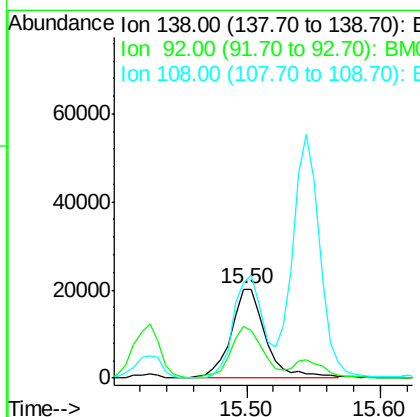
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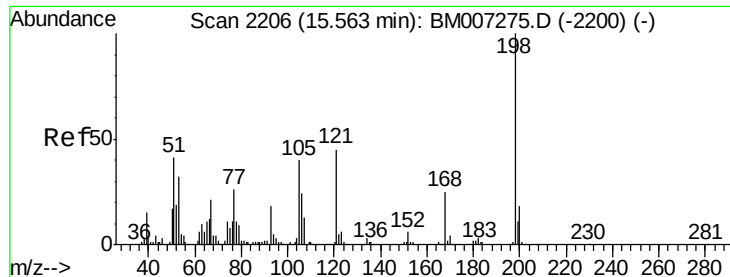
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#60
 4-Nitroaniline
 Concen: 3.02 ng/ul
 RT: 15.50 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	36960		
92	58.5	43.5	65.3	
108	107.4	80.3	120.5	





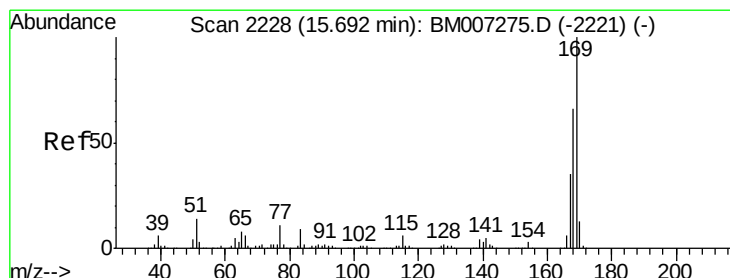
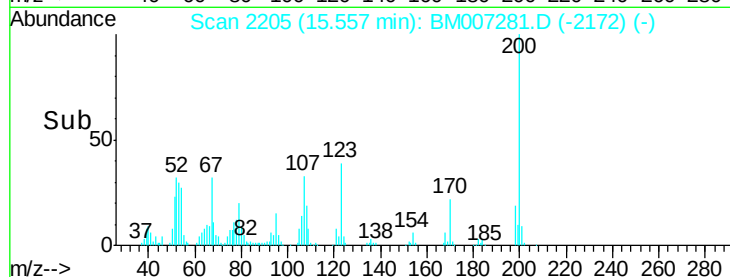
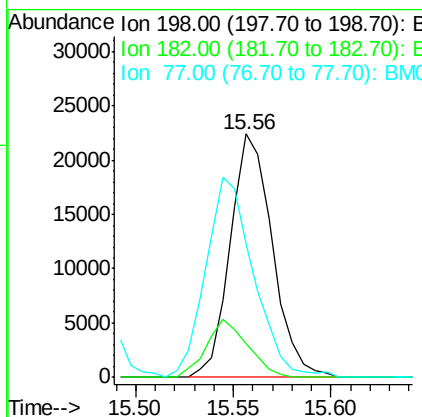
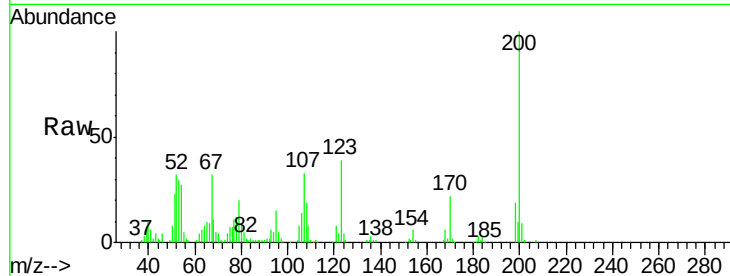
#63
 4,6-Dinitro-2-methylphenol
 Concen: 3.01 ng/ul
 RT: 15.56 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-W

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	33564		
182	14.0	3.3	4.9#	
77	54.9	21.8	32.6#	

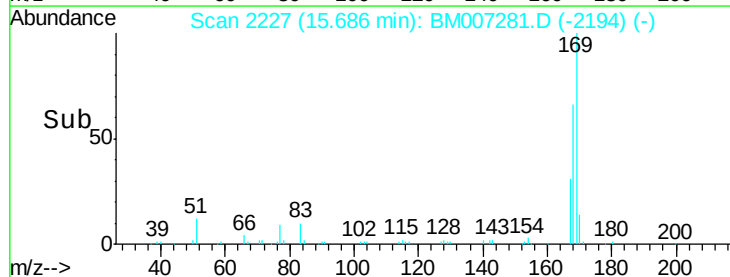
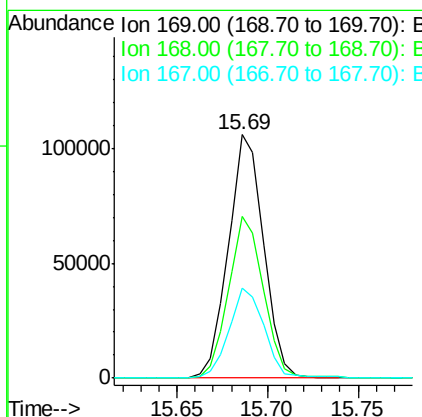
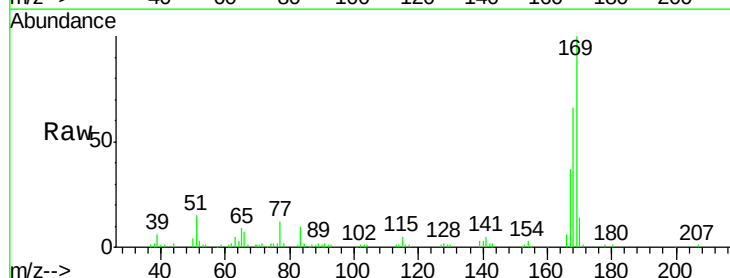
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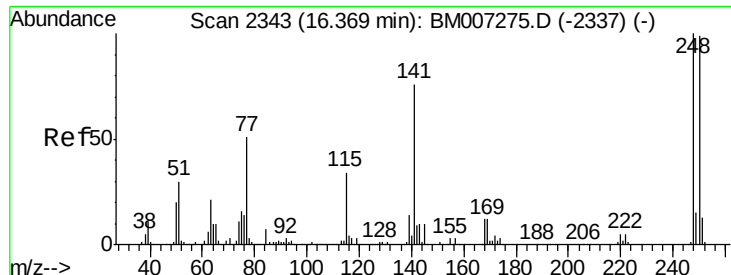
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#64
 N-Nitrosodiphenylamine
 Concen: 3.09 ng/ul
 RT: 15.69 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	143206		
168	66.2	52.6	79.0	
167	36.8	28.6	43.0	





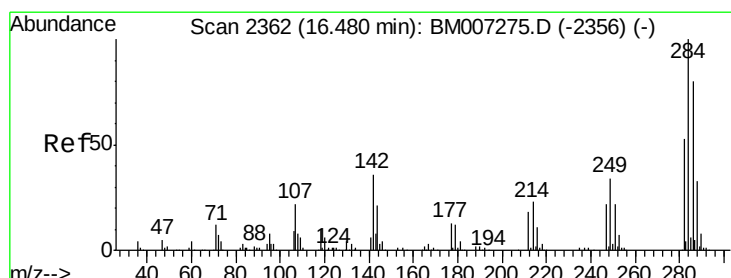
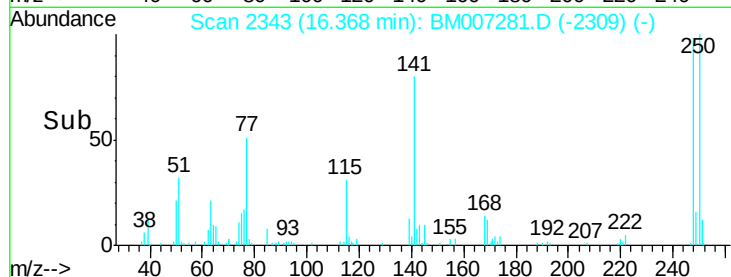
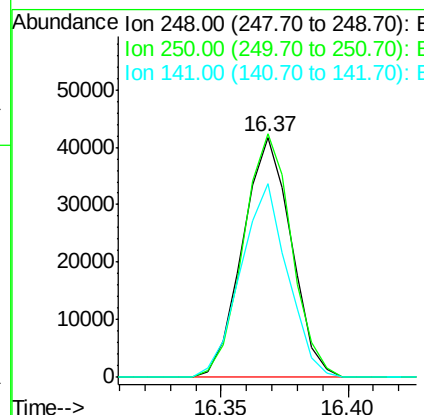
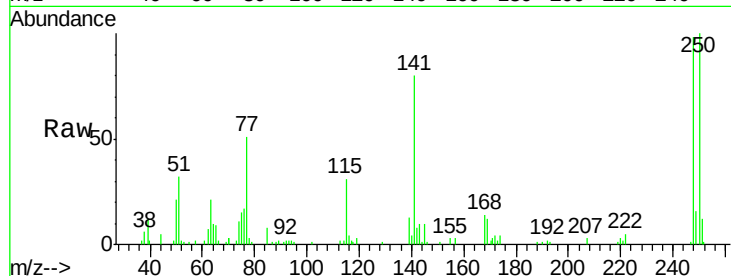
#65
 4-Bromophenyl-phenylether
 Concen: 2.97 ng/ul
 RT: 16.37 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Instrument :
 BNA_M
 ClientSampled :
 MDL-06-W

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.5	79.7	119.5
141	81.0	58.3	87.5

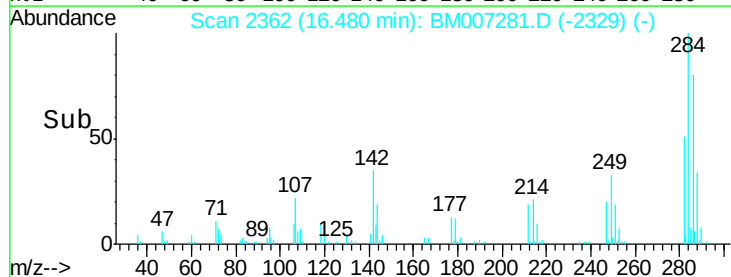
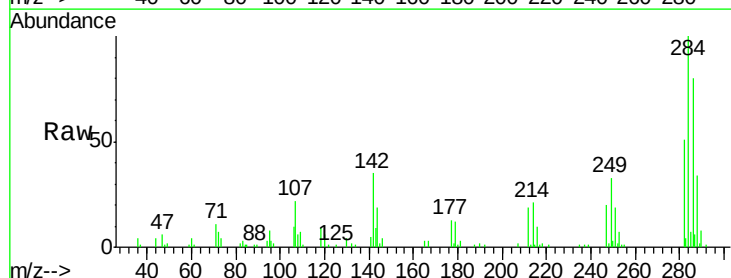
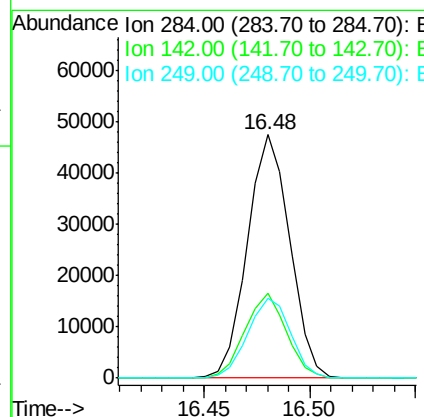
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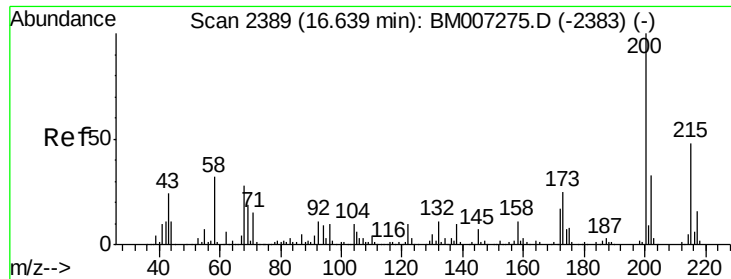
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#66
 Hexachlorobenzene
 Concen: 3.16 ng/ul
 RT: 16.48 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	24.9	37.3
249	35.3	25.5	38.3





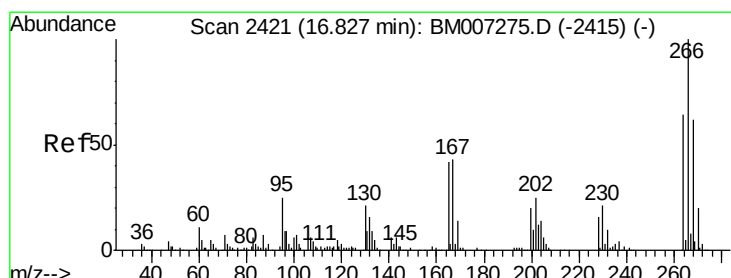
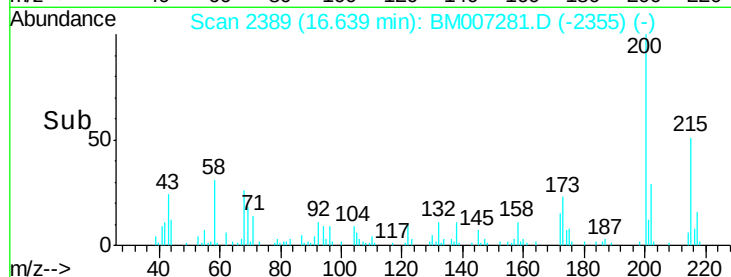
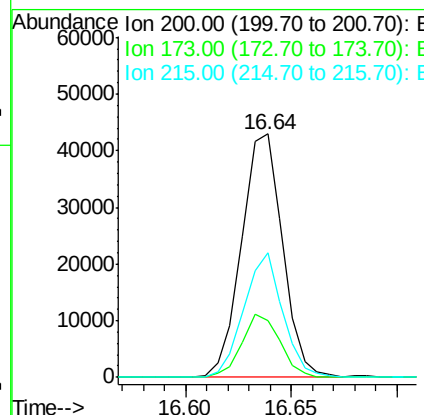
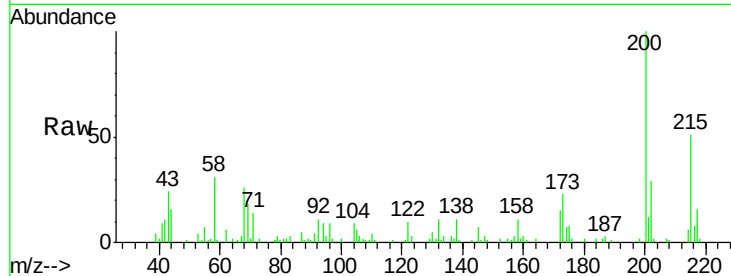
#67
 Atrazine
 Concen: 2.97 ng/ul
 RT: 16.64 min Scan# 2389
 Delta R.T. -0.00 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Instrument :
 BNA_M
 ClientSampled :
 MDL-06-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.2	18.9	28.3
215	51.0	39.5	59.3

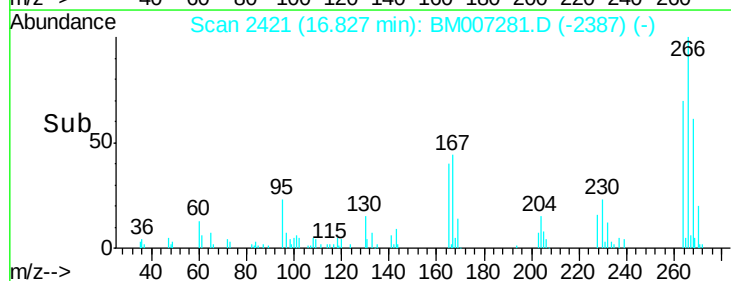
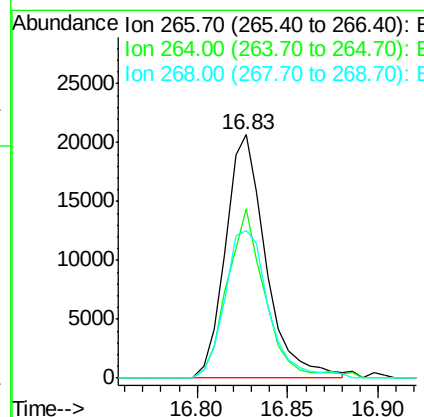
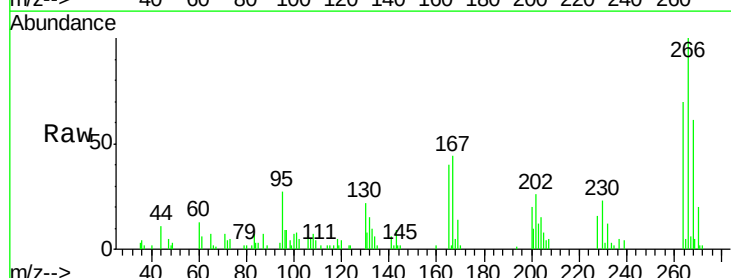
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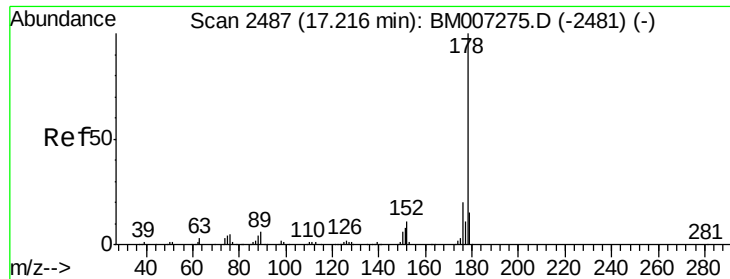
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#68
 Pentachlorophenol
 Concen: 2.36 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	69.7	50.6	75.8
268	60.8	51.0	76.6





#69

Phenanthrene

Concen: 3.11 ng/ul

RT: 17.22 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Instrument :

BNA_M

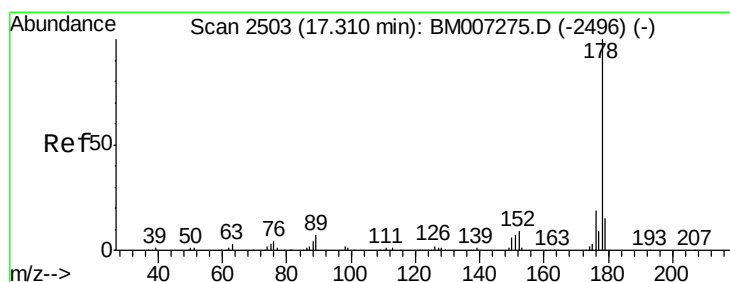
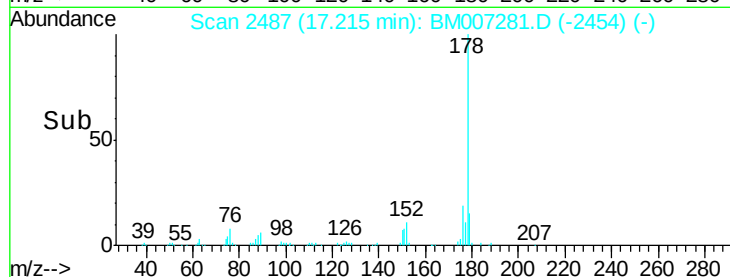
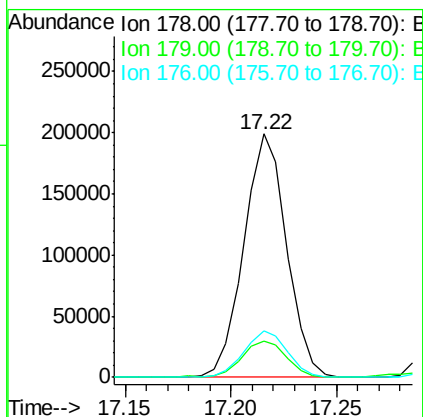
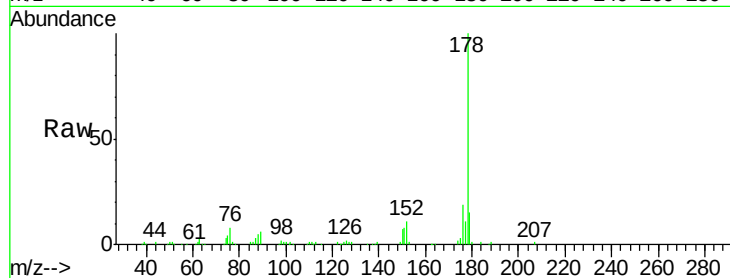
ClientSampled :

MDL-06-W

Tgt Ion:	178	Resp:	277141
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.2	18.2
176	19.2	15.1	22.7

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#71

Anthracene

Concen: 3.09 ng/ul

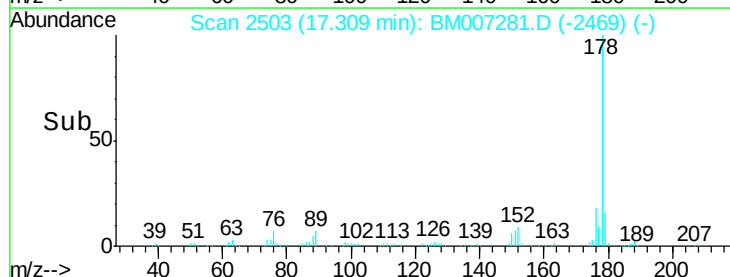
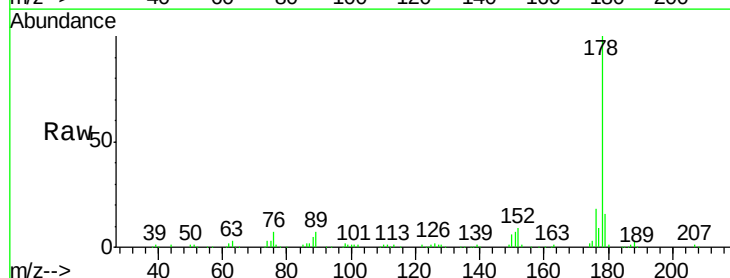
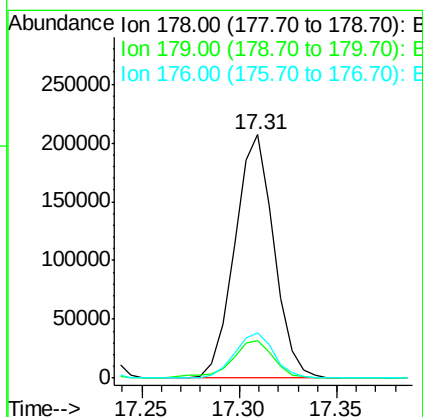
RT: 17.31 min Scan# 2503

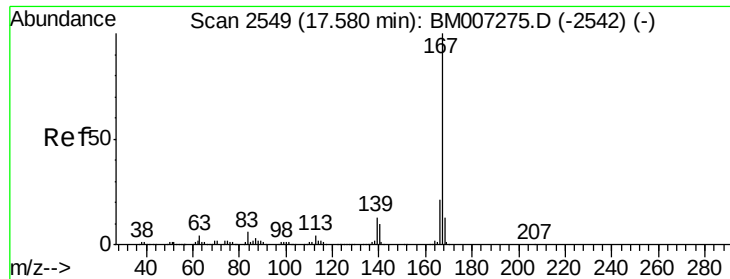
Delta R.T. -0.00 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Tgt Ion:	178	Resp:	284121
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.1	18.1
176	18.5	14.5	21.7





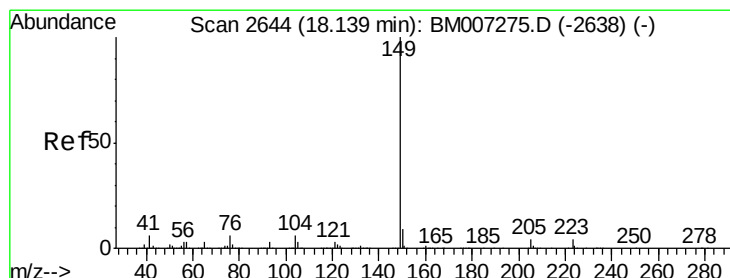
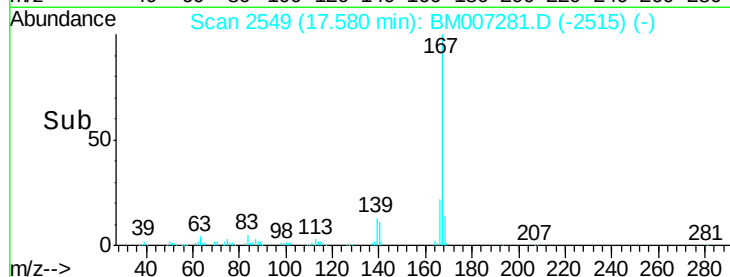
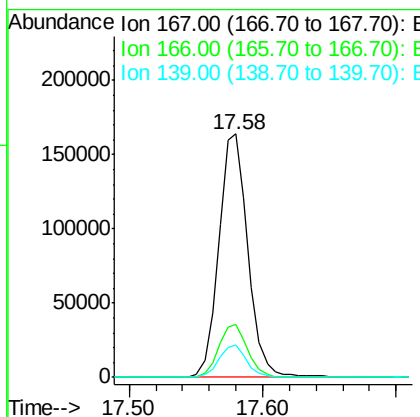
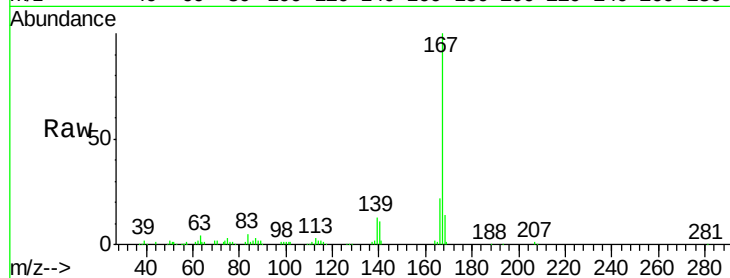
#72
 Carbazole
 Concen: 3.13 ng/ul
 RT: 17.58 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-W

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	250673		
166	21.8		16.6	25.0
139	13.3		10.2	15.4

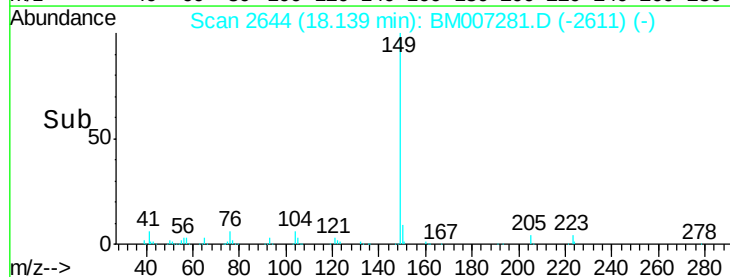
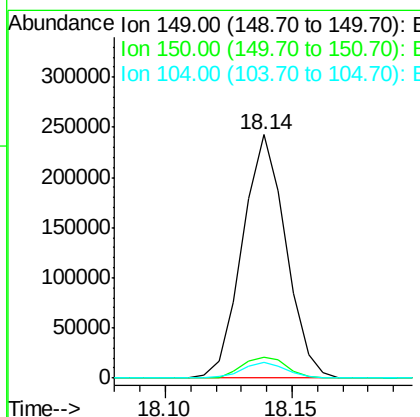
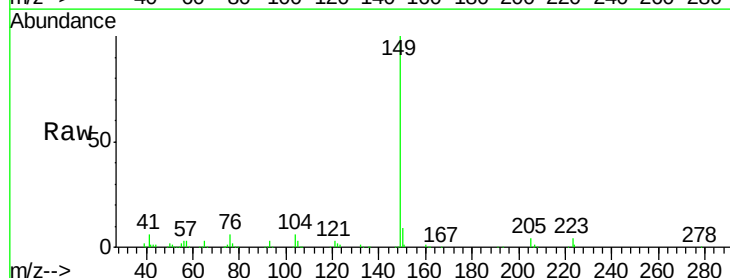
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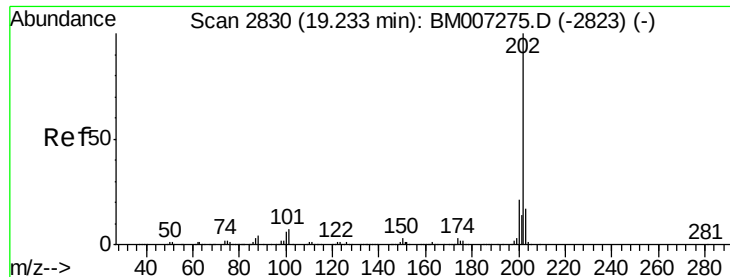
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#73
 Di-n-butylphthalate
 Concen: 2.87 ng/ul
 RT: 18.14 min Scan# 2644
 Delta R.T. -0.01 min
 Lab File: BM007281.D
 Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	288577		
150	8.8		7.6	11.4
104	6.3		4.6	7.0





#74

Fluoranthene

Concen: 3.35 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Instrument :

BNA_M

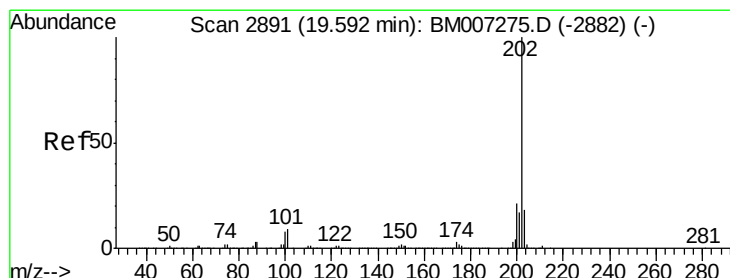
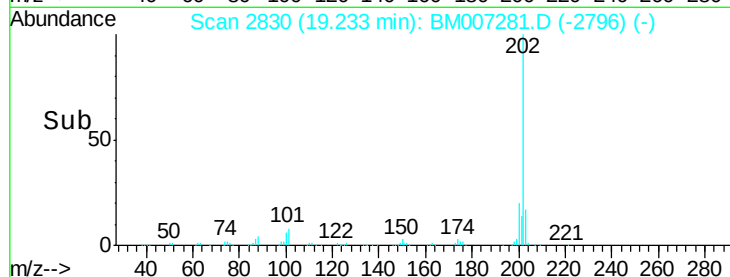
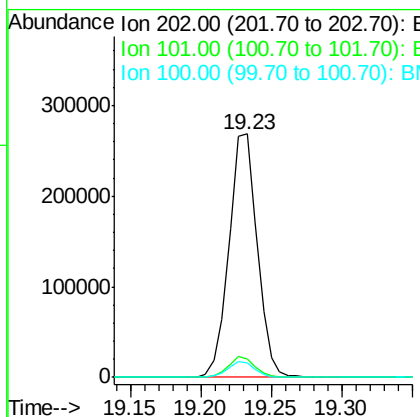
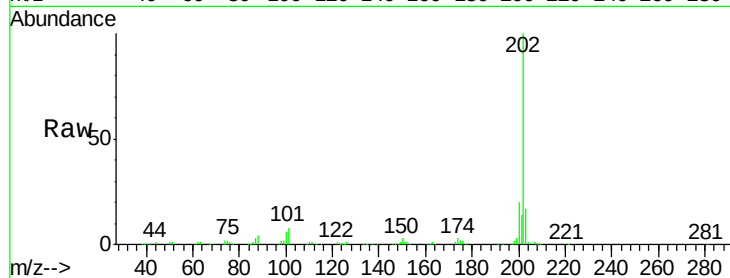
ClientSampled :

MDL-06-W

Tgt Ion:	202	Resp:	375170
Ion Ratio	Lower	Upper	
202	100		
101	7.7	6.9	10.3
100	5.7	5.4	8.0

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#77

Pyrene

Concen: 3.08 ng/ul

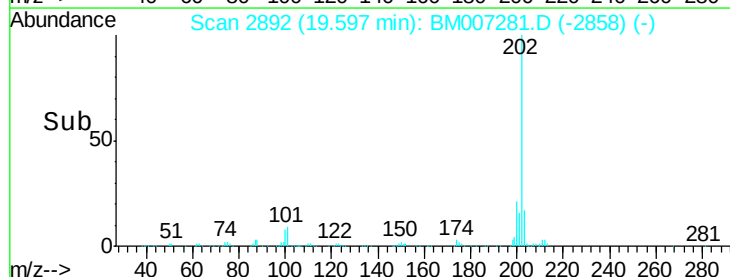
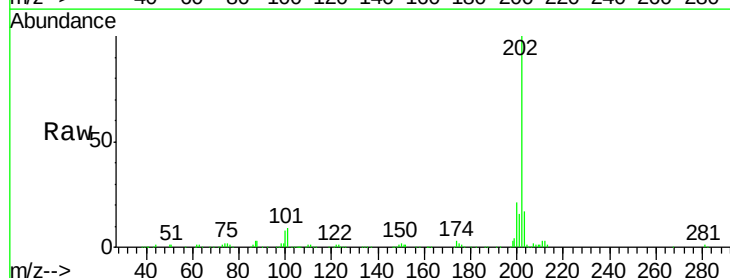
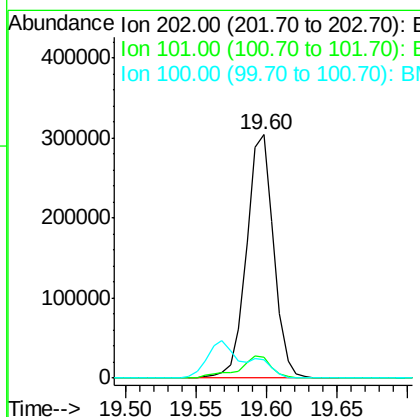
RT: 19.60 min Scan# 2892

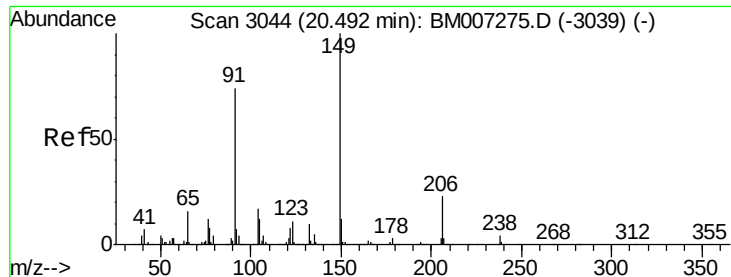
Delta R.T. -0.00 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Tgt Ion:	202	Resp:	408791
Ion Ratio	Lower	Upper	
202	100		
101	8.6	8.4	12.6
100	7.5	6.9	10.3





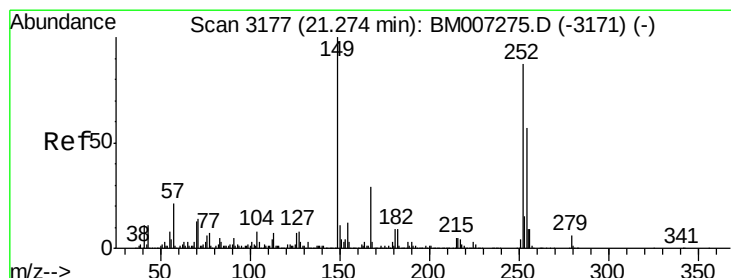
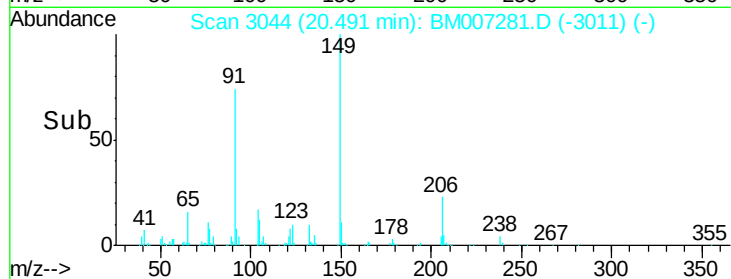
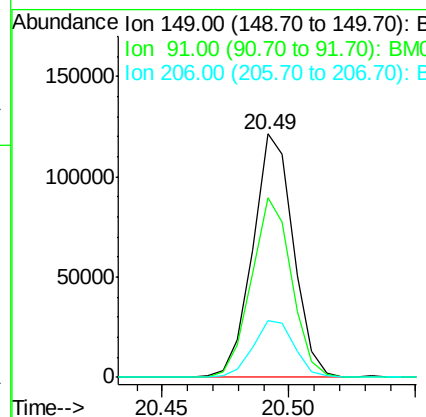
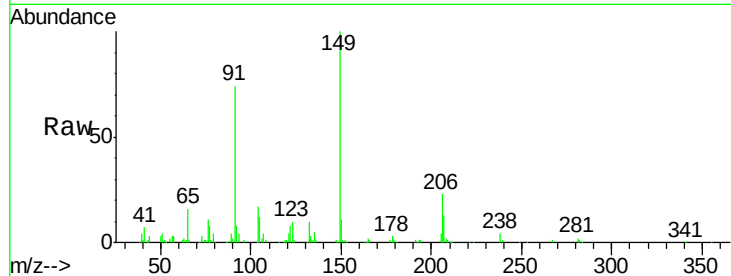
#78
Butylbenzylphthalate
Concen: 2.47 ng/ul
RT: 20.49 min Scan# 3044
Delta R.T. -0.01 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Instrument :
BNA_M
ClientSampleId :
MDL-06-W

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	136034		
91	73.6	57.3	85.9	
206	23.4	18.6	27.8	

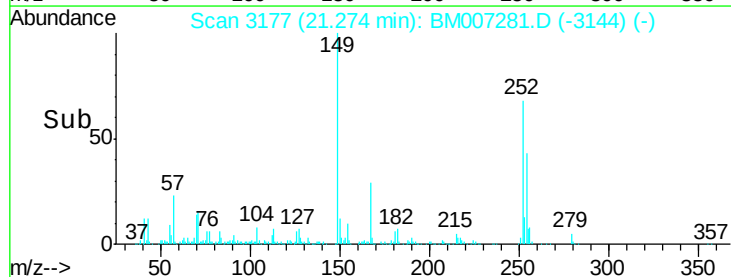
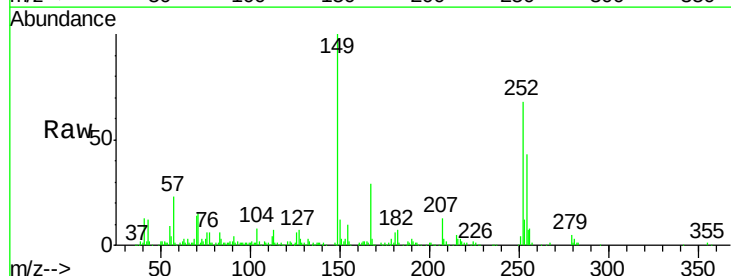
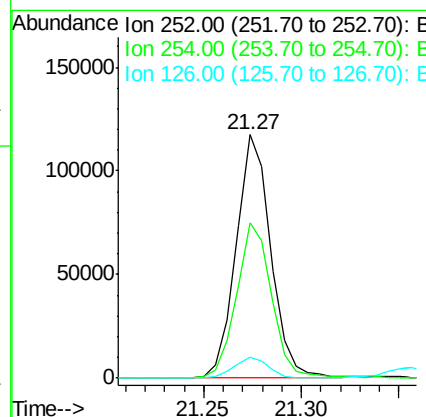
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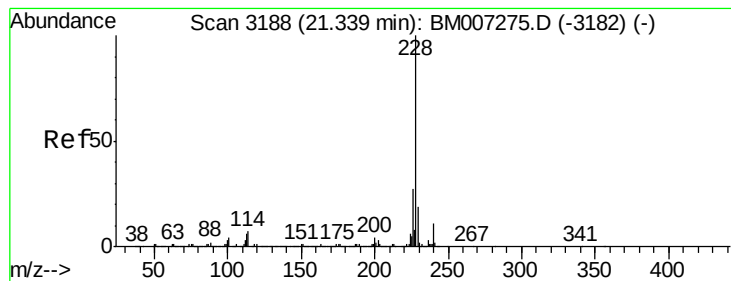
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#79
3,3'-Dichlorobenzidine
Concen: 2.95 ng/ul
RT: 21.27 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	144778		
254	63.9	51.0	76.4	
126	8.6	7.1	10.7	





#80

Benzo(a)anthracene

Concen: 3.15 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Instrument :

BNA_M

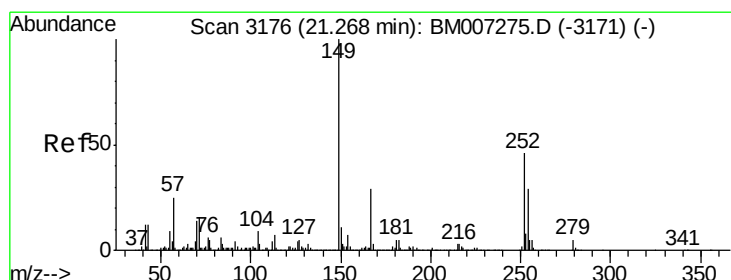
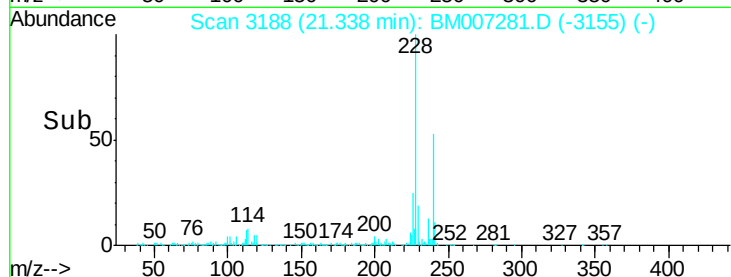
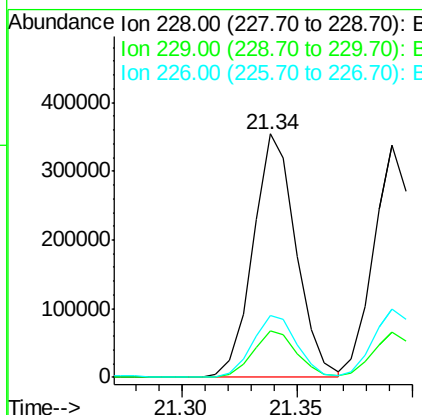
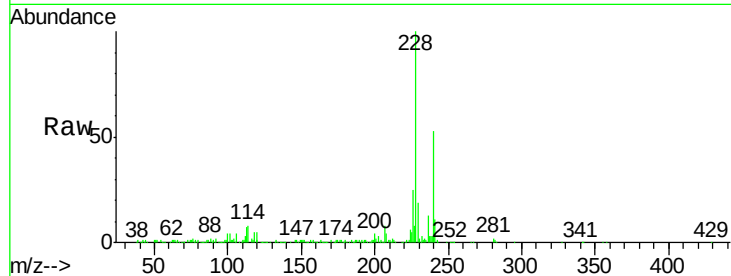
ClientSampleId :

MDL-06-W

Tgt Ion:	228	Resp:	458737
Ion Ratio	Lower	Upper	
228	100		
229	19.0	15.6	23.4
226	25.4	21.8	32.8

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#81

Bis(2-ethylhexyl)phthalate

Concen: 2.59 ng/ul

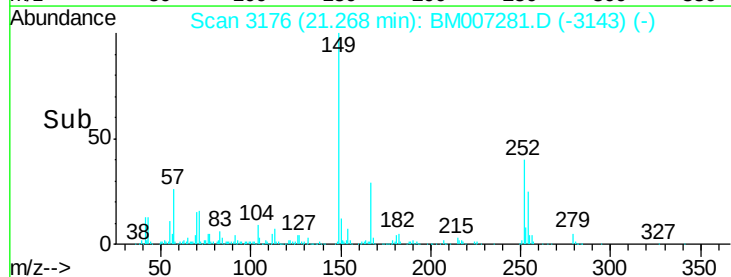
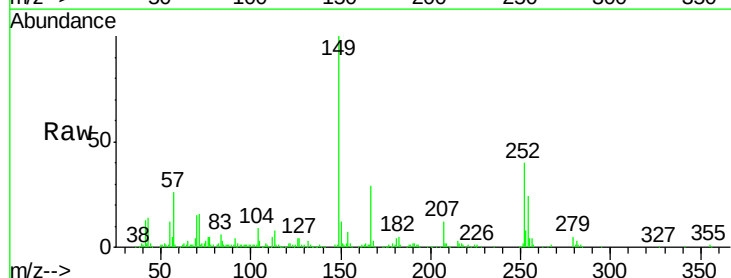
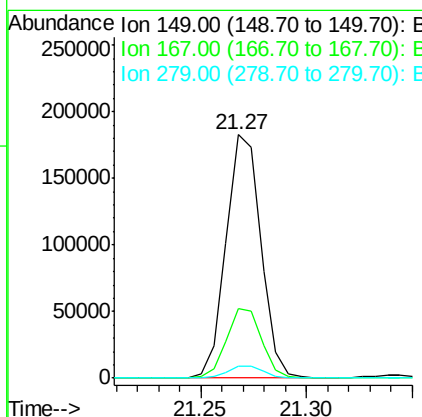
RT: 21.27 min Scan# 3176

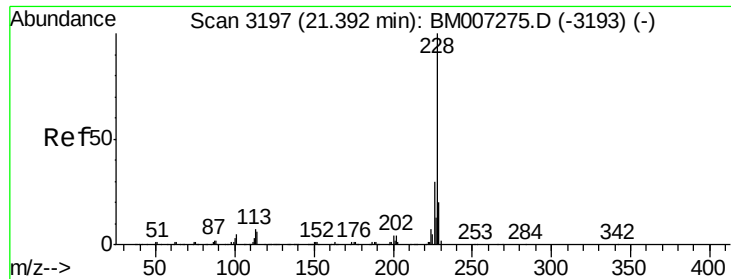
Delta R.T. -0.01 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Tgt Ion:	149	Resp:	207318
Ion Ratio	Lower	Upper	
149	100		
167	28.7	23.2	34.8
279	4.9	4.1	6.1





#82

Chrysene

Concen: 3.13 ng/ul

RT: 21.39 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Instrument :

BNA_M

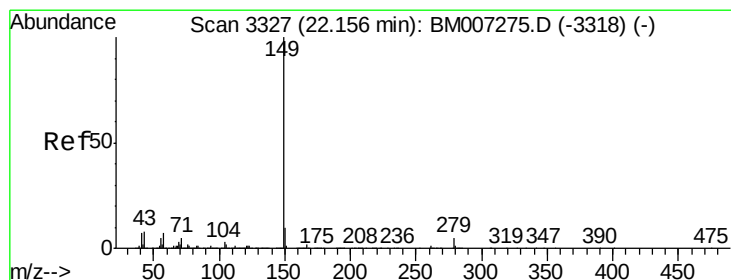
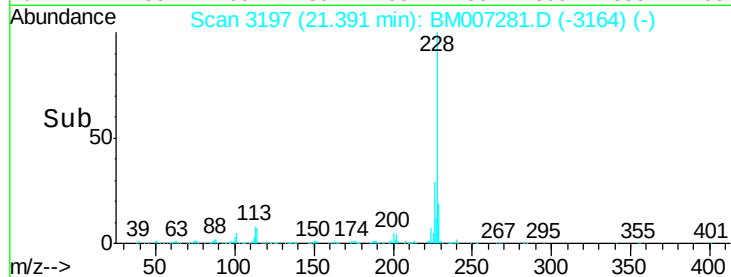
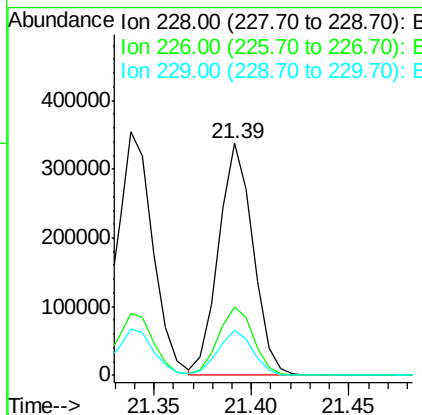
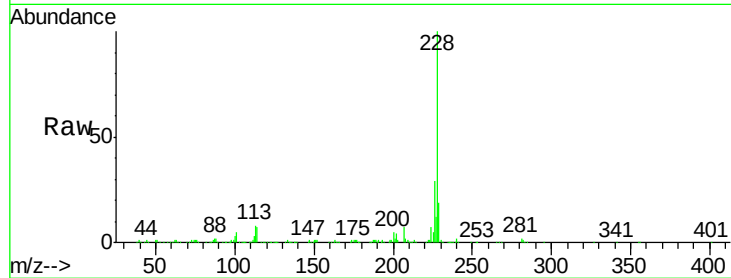
ClientSampled :

MDL-06-W

Tgt Ion:	228	Resp:	412705
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.4	35.2
229	19.3	15.5	23.3

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#84

Di-n-octyl phthalate

Concen: 2.77 ng/ul

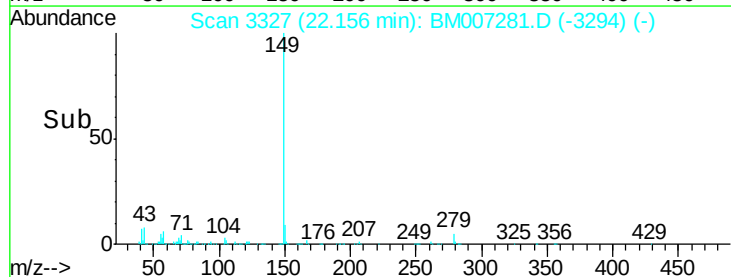
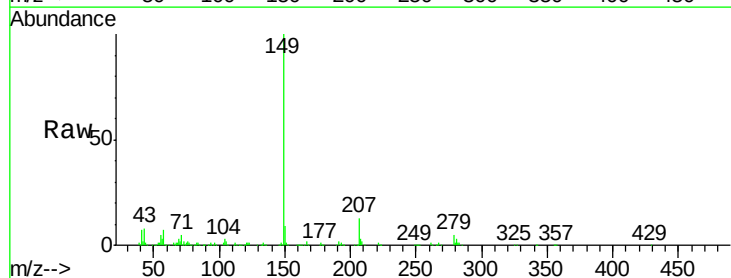
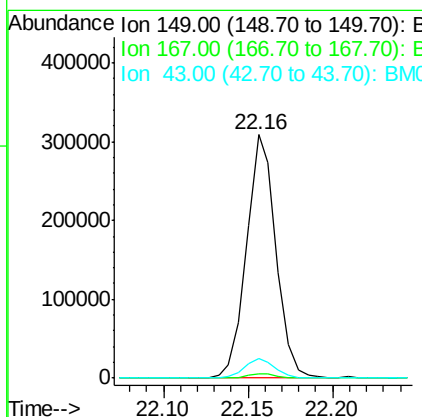
RT: 22.16 min Scan# 3327

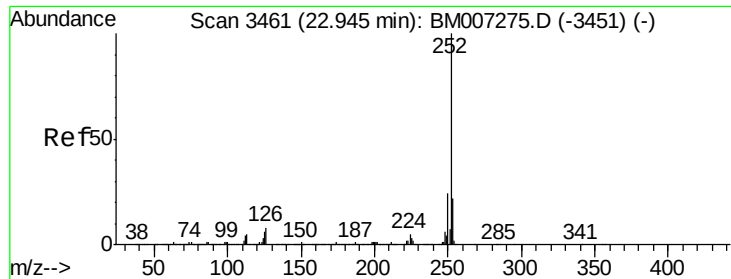
Delta R.T. -0.01 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Tgt Ion:	149	Resp:	371849
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.2	6.6	10.0





#85

Benzo(b)fluoranthene

Concen: 3.18 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. -0.01 min

Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Instrument :

BNA_M

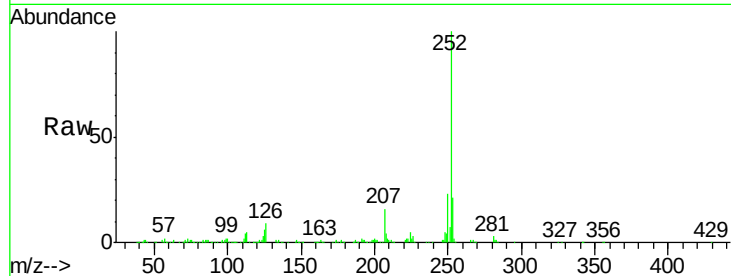
ClientSampleId :

MDL-06-W

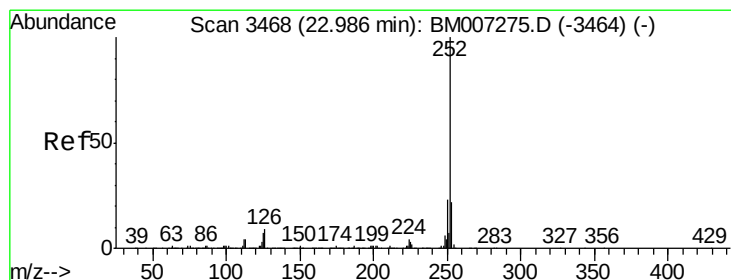
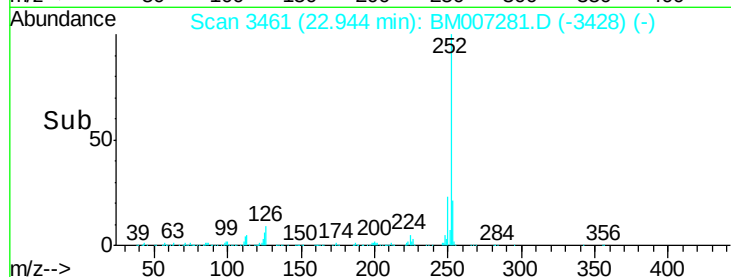
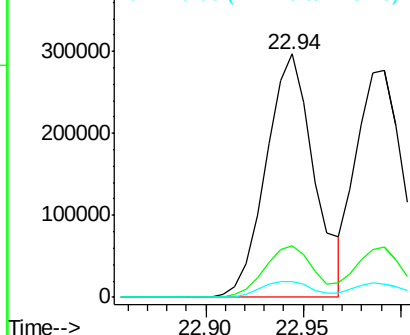
Tgt Ion:	252	Resp:	507045
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.1	25.7
125	6.4	5.8	8.8

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



#86

Benzo(k)fluoranthene

Concen: 3.12 ng/ul

RT: 22.99 min Scan# 3469

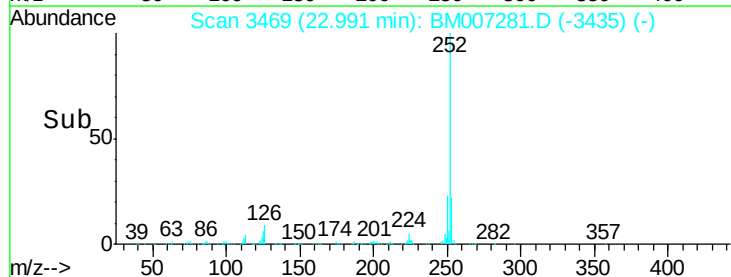
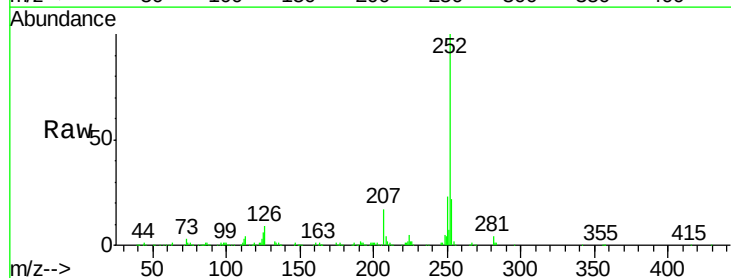
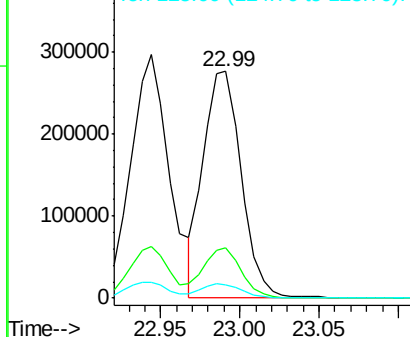
Delta R.T. -0.00 min

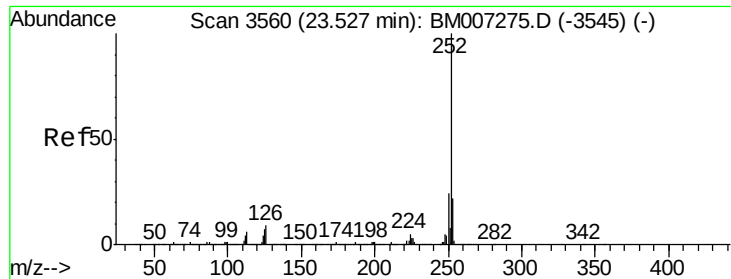
Lab File: BM007281.D

Acq: 24 Aug 2016 16:42

Tgt Ion:	252	Resp:	460433
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	6.0	5.7	8.5

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





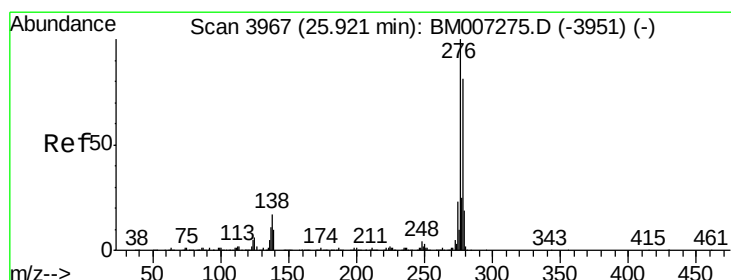
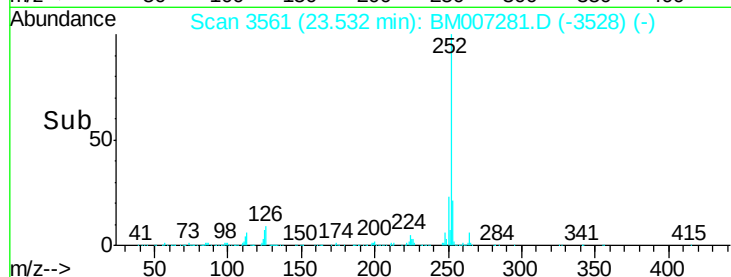
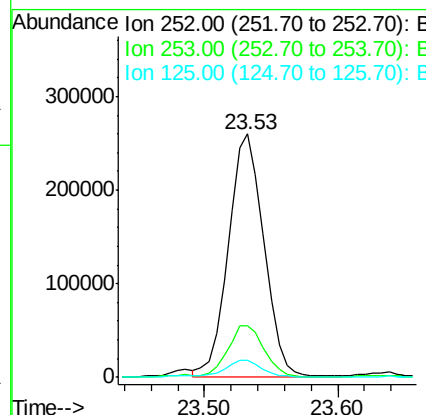
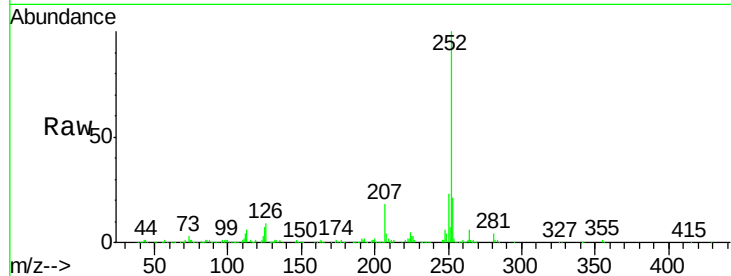
#88
Benzo(a)pyrene
Concen: 3.17 ng/ul
RT: 23.53 min Scan# 3561
Delta R.T. -0.01 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Instrument :
BNA_M
ClientSampleId :
MDL-06-W

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	483366		
253	21.4	17.7	26.5	
125	6.7	6.6	9.8	

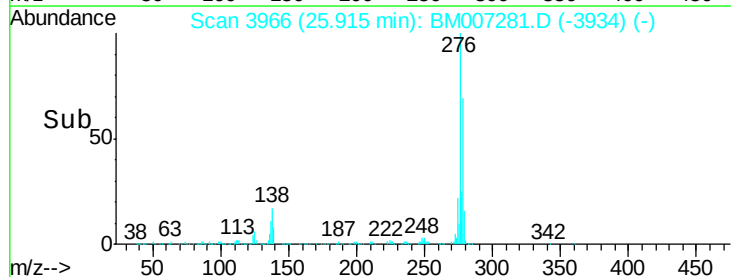
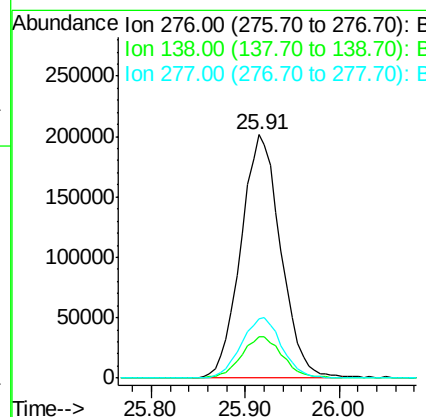
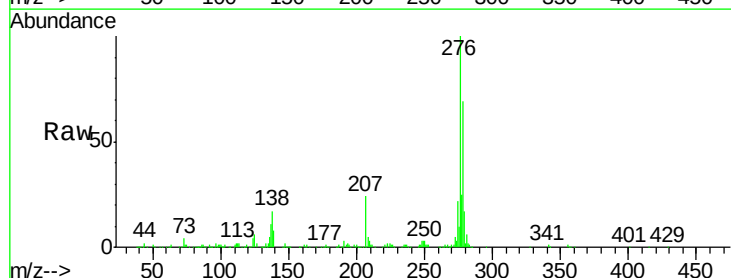
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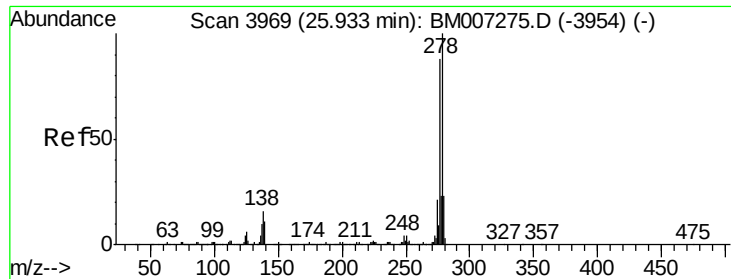
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.16 ng/ul
RT: 25.91 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	592093		
138	16.9	13.9	20.9	
277	24.5	20.1	30.1	





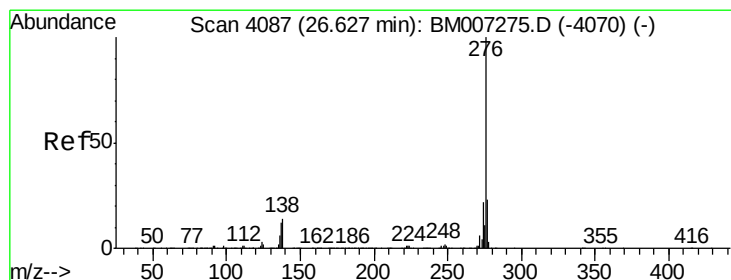
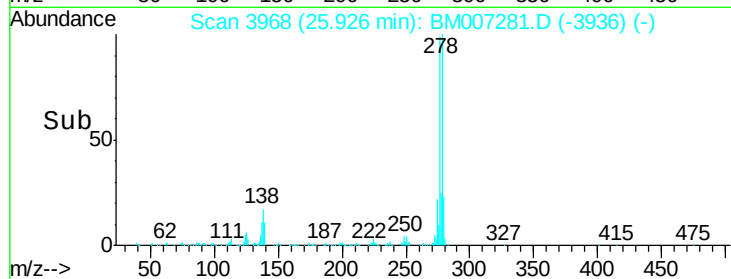
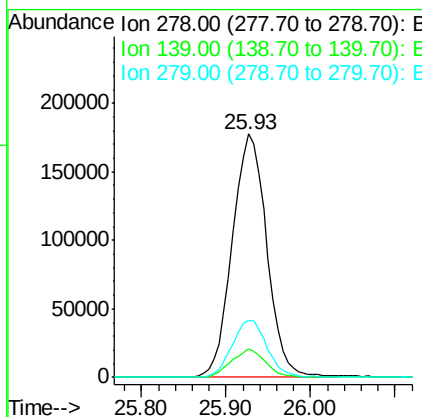
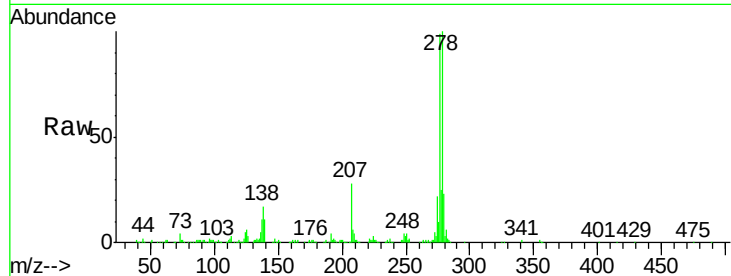
#90
Dibenzo(a,h)anthracene
Concen: 3.22 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.01 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Instrument :
BNA_M
ClientSampleId :
MDL-06-W

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.5	9.5	14.3
279	23.4	19.1	28.7

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#91
Benzo(g,h,i)perylene
Concen: 3.14 ng/ul
RT: 26.62 min Scan# 4086
Delta R.T. -0.01 min
Lab File: BM007281.D
Acq: 24 Aug 2016 16:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	13.5	20.3
277	22.8	19.3	28.9

