

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
 Data File : BM007288.D
 Acq On : 24 Aug 2016 22:14
 Operator : UM/SJ
 Sample : MDL-03-S-ML
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S-ML

Manual Integrations
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 8/25/2016 6:31:32 PM

Quant Time: Aug 25 10:27:00 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 25 10:16:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	189526	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	949178	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	700817	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1974282	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	3023896	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	3467383	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	9435m	2.54	ng/uL	0.00
5) Phenol-d5	6.96	99	403381	22.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	233873	24.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	311226	23.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	355317	22.76	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	171249	24.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	205256	25.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	366769	22.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	528683	26.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1646739	27.24	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1793026	25.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	316004	27.69	ng/ul	0.00
57) Fluorene-d10	15.43	176	1364210	26.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	324411	26.13	ng/ul	0.00
70) Anthracene-d10	17.27	188	2456144	26.63	ng/ul	0.00
76) Pyrene-d10	19.57	212	3274201	25.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	4328560	27.10	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	2234m	0.54	ng/ul	
4) Benzaldehyde	6.95	77	24114	2.36	ng/ul	96
6) Phenol	6.99	94	33890	1.83	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.23	93	27648	2.14	ng/ul	98
10) 2-Chlorophenol	7.36	128	26059	1.92	ng/ul	94
11) 2-Methylphenol	8.24	108	24569	1.69	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	28878	1.98	ng/ul#	95
14) Acetophenone	8.62	105	48912	2.04	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	25036	1.97	ng/ul	92
16) 4-Methylphenol	8.56	108	28692	1.76	ng/ul	97
17) Hexachloroethane	8.87	117	10781	2.05	ng/ul	88
20) Nitrobenzene	9.00	77	37041	2.07	ng/ul	95
21) Isophorone	9.52	82	72535	1.99	ng/ul	94
23) 2-Nitrophenol	9.70	139	18082	2.04	ng/ul	94
24) 2,4-Dimethylphenol	9.76	107	36488	1.87	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.00	93	38641	1.88	ng/ul	96
27) 2,4-Dichlorophenol	10.23	162	30471	1.89	ng/ul	88
28) Naphthalene	10.63	128	91944	1.95	ng/ul	96
30) 4-Chloroaniline	10.75	127	44153	2.12	ng/ul	99
31) Hexachlorobutadiene	10.92	225	21091	1.94	ng/ul	95
32) Caprolactam	11.55	113	11988m	1.85	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	34933	1.75	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	75243	1.95	ng/ul	97

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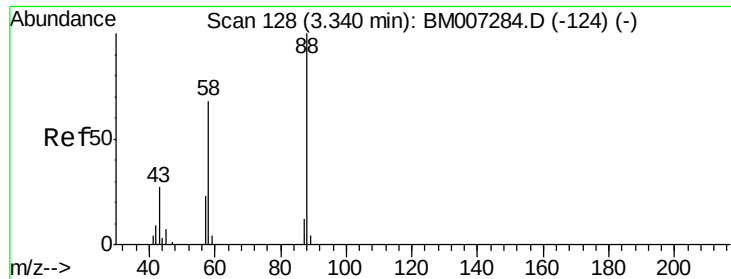
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	45725	1.96	ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	19802	1.41	ng/ul	95
38) 2,4,6-Trichlorophenol	12.86	196	28523	1.73	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	30196	1.75	ng/ul	94
40) 1,1'-Biphenyl	13.26	154	107682	1.98	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	84952	1.99	ng/ul	99
42) 2-Nitroaniline	13.51	65	24608	1.77	ng/ul	95
44) Dimethylphthalate	13.89	163	131068	2.18	ng/ul	98
45) 2,6-Dinitrotoluene	14.01	165	22311	1.81	ng/ul	94
47) Acenaphthylene	14.15	152	146588	2.03	ng/ul	98
48) 3-Nitroaniline	14.34	138	23546	1.87	ng/ul#	90
49) Acenaphthene	14.49	153	93821	2.00	ng/ul	97
50) 2,4-Dinitrophenol	14.55	184	10570	1.27	ng/ul#	89
52) 4-Nitrophenol	14.64	109	28626	2.36	ng/ul	89
53) Dibenzofuran	14.83	168	146397	2.08	ng/ul	96
54) 2,4-Dinitrotoluene	14.80	165	39418	2.09	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.06	232	34870	1.98	ng/ul	96
56) Diethylphthalate	15.26	149	136150	2.17	ng/ul	99
58) Fluorene	15.48	166	127251	2.20	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.47	204	64840	2.14	ng/ul	96
60) 4-Nitroaniline	15.50	138	30074	2.11	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.56	198	28794	2.17	ng/ul#	52
64) N-Nitrosodiphenylamine	15.69	169	113848	2.07	ng/ul	97
65) 4-Bromophenyl-phenylether	16.37	248	45274	2.03	ng/ul	97
66) Hexachlorobenzene	16.48	284	53004	2.12	ng/ul	96
67) Atrazine	16.64	200	48445	2.08	ng/ul	99
68) Pentachlorophenol	16.83	266	26808	1.66	ng/ul	94
69) Phenanthrene	17.22	178	233600	2.20	ng/ul	98
71) Anthracene	17.31	178	237497	2.17	ng/ul	98
72) Carbazole	17.58	167	211056	2.22	ng/ul	98
73) Di-n-butylphthalate	18.14	149	246010	2.06	ng/ul	99
74) Fluoranthene	19.23	202	321022	2.41	ng/ul	99
77) Pyrene	19.59	202	350455	2.16	ng/ul	97
78) Butylbenzylphthalate	20.49	149	122147	1.81	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	126633	2.11	ng/ul	98
80) Benzo(a)anthracene	21.34	228	404949	2.27	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	189511	1.94	ng/ul	99
82) Chrysene	21.39	228	374028	2.32	ng/ul	100
84) Di-n-octyl phthalate	22.15	149	339559	1.97	ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	465711	2.27	ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	423711	2.24	ng/ul	99
88) Benzo(a)pyrene	23.53	252	460434	2.35	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	555242	2.31	ng/ul	97
90) Dibenzo(a,h)anthracene	25.92	278	466249	2.33	ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	466376	2.28	ng/ul	96

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



#2

1,4-Dioxane

Concen: 0.54 ng/uL m

RT: 3.35 min Scan# 129

Delta R.T. 0.00 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Instrument :

BNA_M

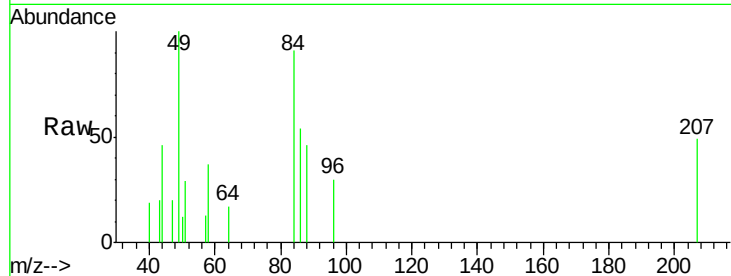
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	88	Resp:	2234
Ion	Ratio	Lower	Upper
88	100		
43	28.4	22.6	34.0
58	43.6	57.3	85.9#

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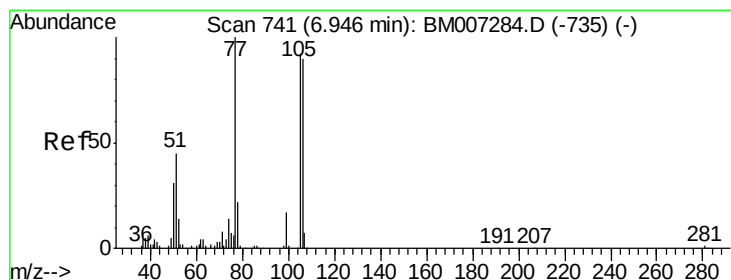
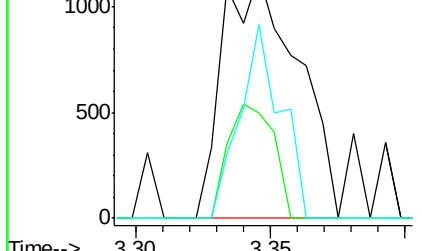
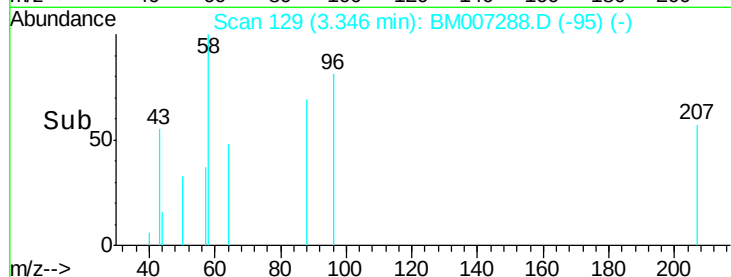


Abundance Ion 88.00 (87.70 to 88.70): BM007288.D (-124) (-)

Ion 43.00 (42.70 to 43.70): BM007288.D (-124) (-)

Ion 58.00 (57.70 to 58.70): BM007288.D (-124) (-)

Time-->



#4

Benzaldehyde

Concen: 2.36 ng/uL

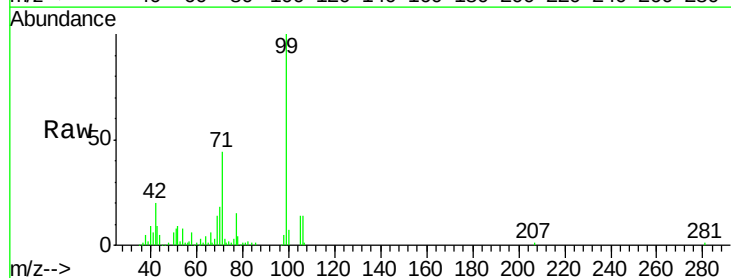
RT: 6.95 min Scan# 742

Delta R.T. 0.00 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Tgt Ion:	77	Resp:	24114
Ion	Ratio	Lower	Upper
77	100		
105	93.5	76.9	115.3
106	95.3	71.8	107.8

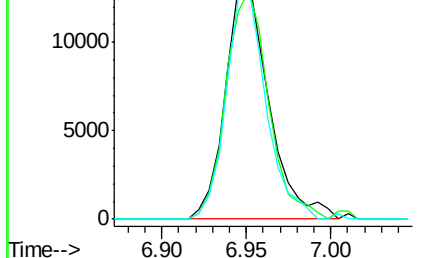
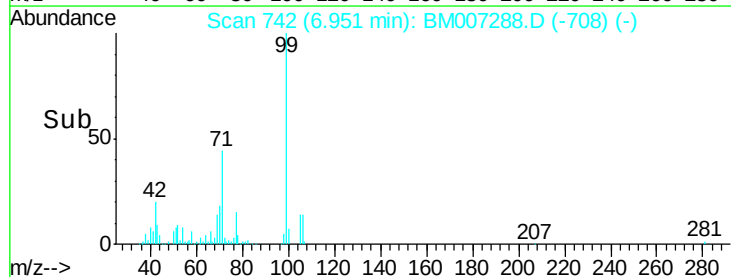


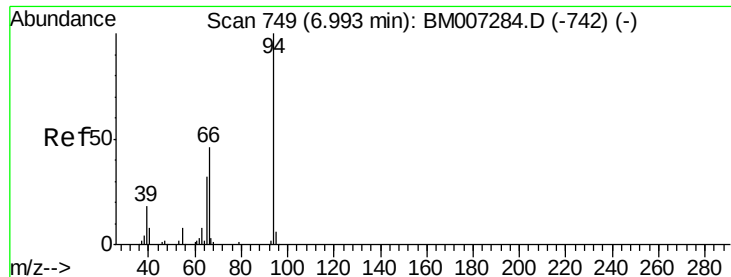
Abundance Ion 77.00 (76.70 to 77.70): BM007288.D (-735) (-)

Ion 105.00 (104.70 to 105.70): BM007288.D (-735) (-)

Ion 106.00 (105.70 to 106.70): BM007288.D (-735) (-)

Time-->





#6

Phenol

Concen: 1.83 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Instrument :

BNA_M

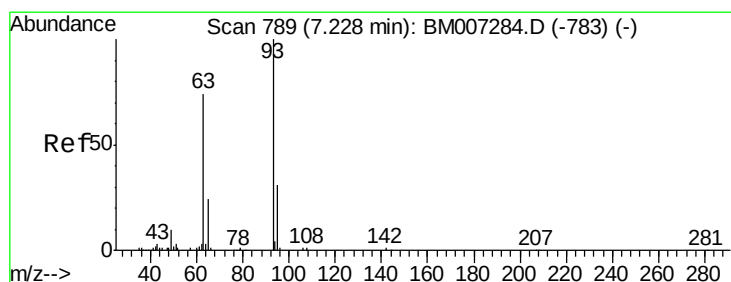
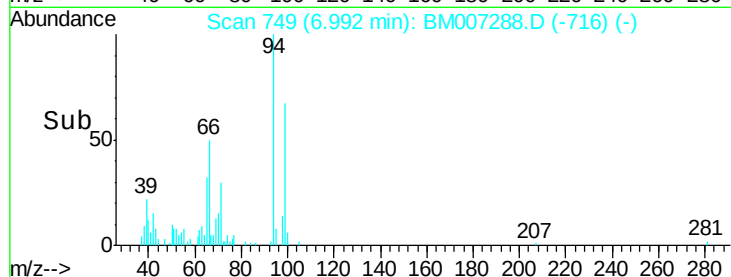
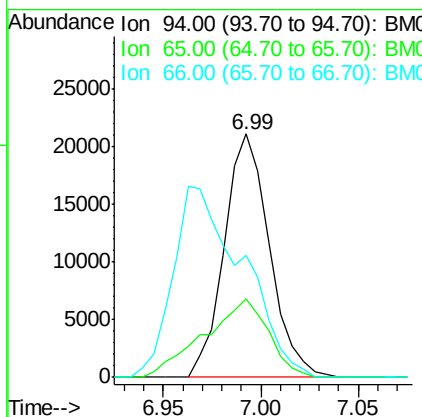
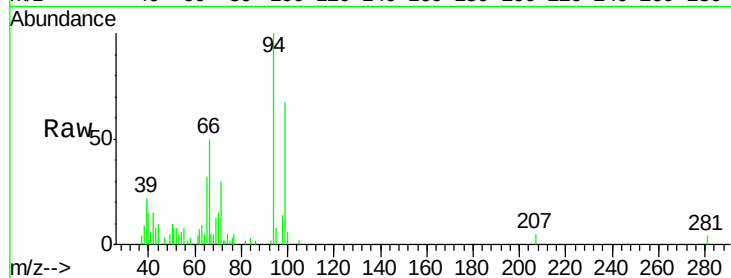
ClientSampled :

MDL-03-S-ML

Tgt Ion:	94	Resp:	33890
Ion	Ratio	Lower	Upper
94	100		
65	32.1	23.9	35.9
66	50.1	33.5	50.3

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#8

Bis(2-Chloroethyl)ether

Concen: 2.14 ng/ul

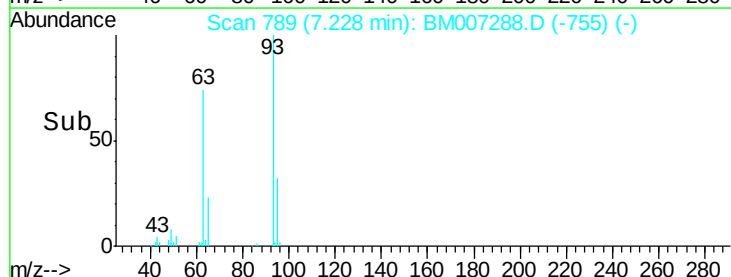
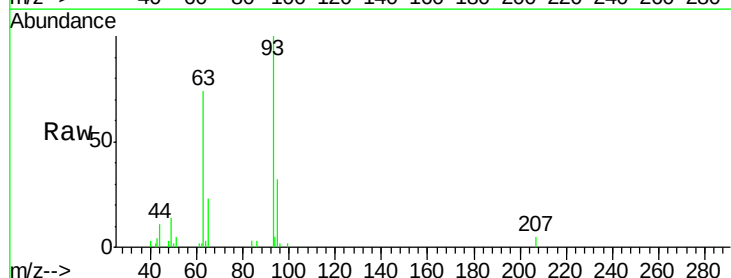
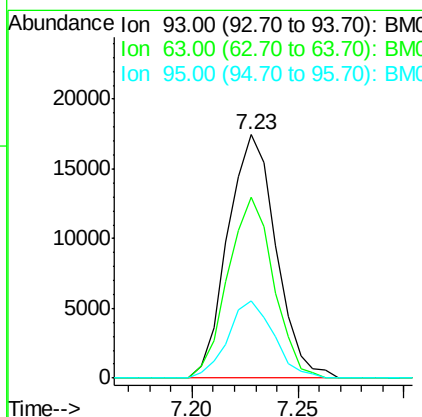
RT: 7.23 min Scan# 789

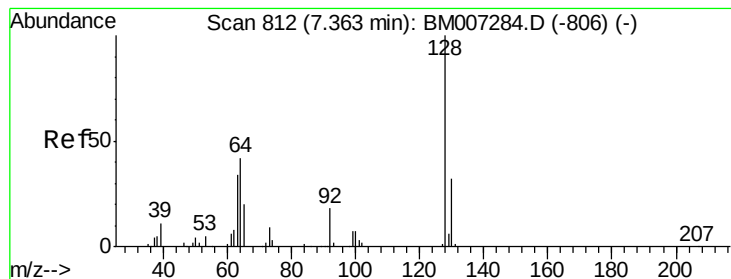
Delta R.T. 0.00 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Tgt Ion:	93	Resp:	27648
Ion	Ratio	Lower	Upper
93	100		
63	74.1	57.3	85.9
95	31.6	25.1	37.7





#10

2-Chlorophenol

Concen: 1.92 ng/ul

RT: 7.36 min Scan# 812

Delta R.T. -0.01 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Instrument :

BNA_M

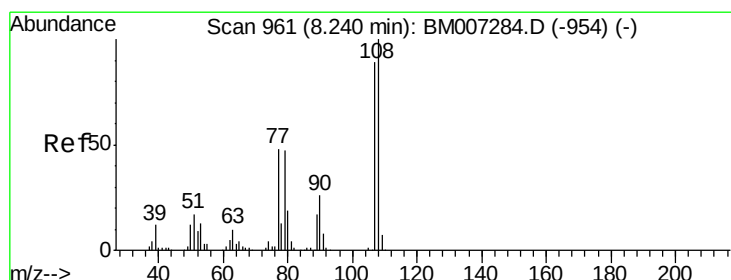
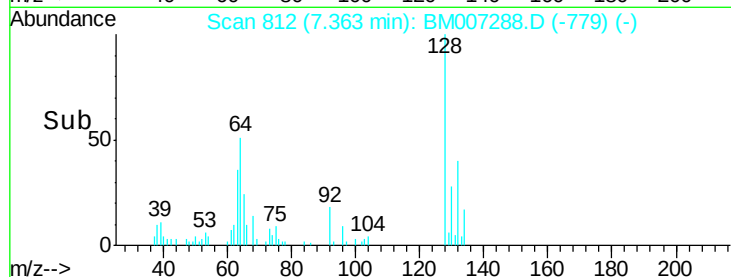
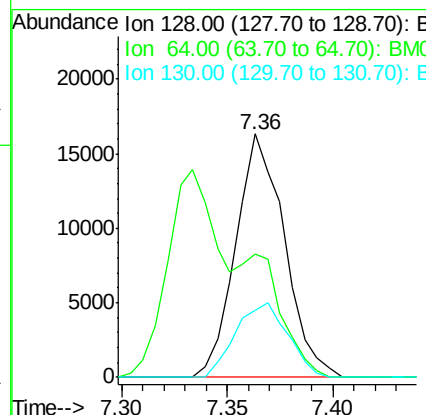
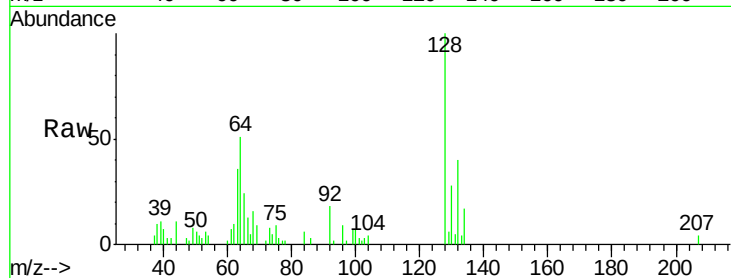
ClientSampleId :

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Tgt Ion:	128	Resp:	26059
Ion Ratio	Lower	Upper	
128	100		
64	50.6	37.5	56.3
130	27.6	25.0	37.4

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#11

2-Methylphenol

Concen: 1.69 ng/ul

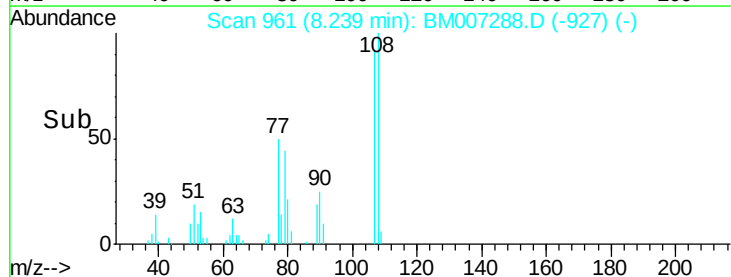
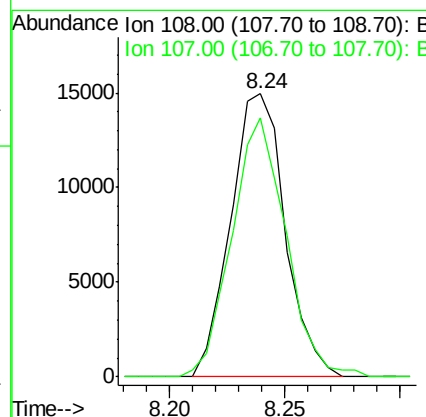
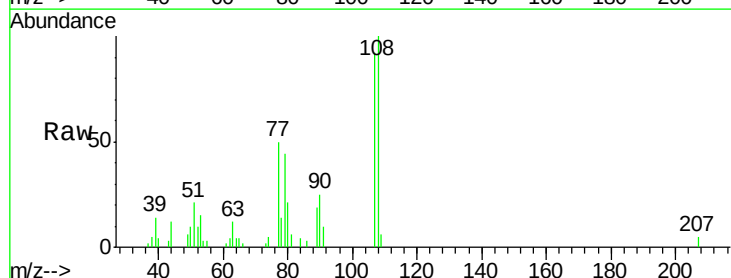
RT: 8.24 min Scan# 961

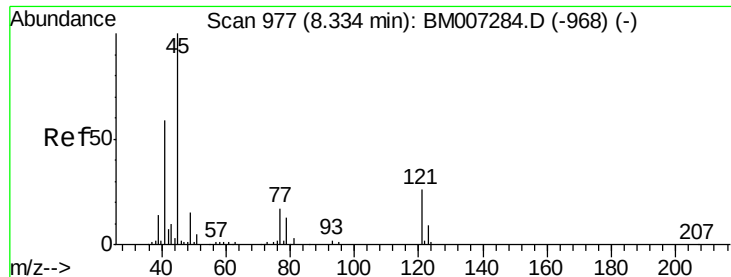
Delta R.T. 0.00 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Tgt Ion:	108	Resp:	24569
Ion Ratio	Lower	Upper	
108	100		
107	91.7	71.8	107.6





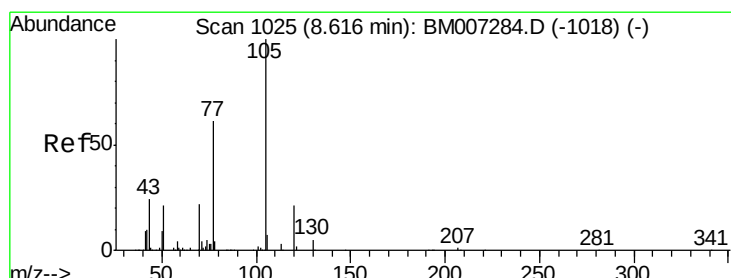
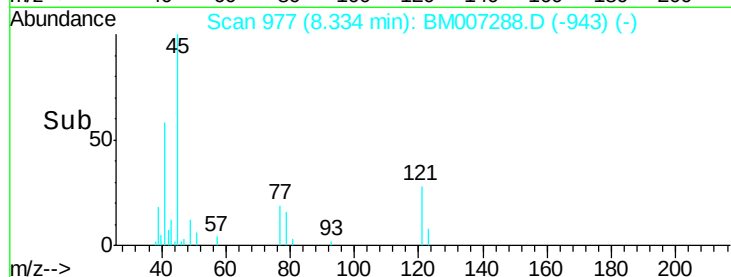
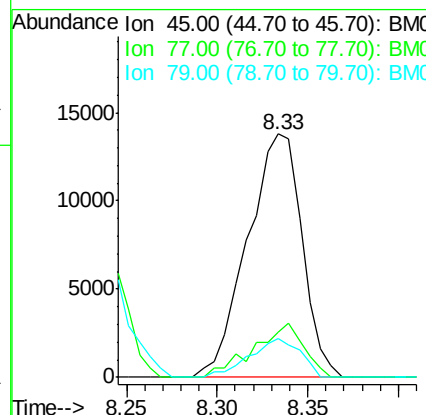
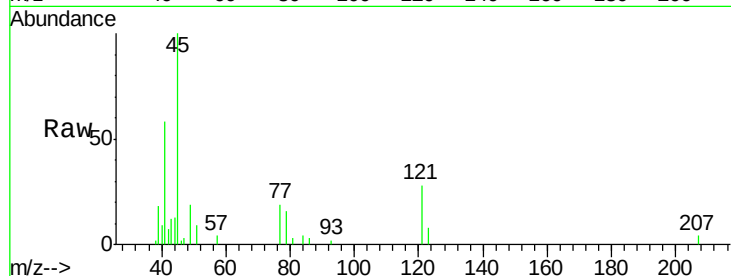
#12
2,2'-oxybis(1-Chloropropane)
Concen: 1.98 ng/ul
RT: 8.33 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM007288.D
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.7	14.1	21.1
79	16.2	10.4	15.6

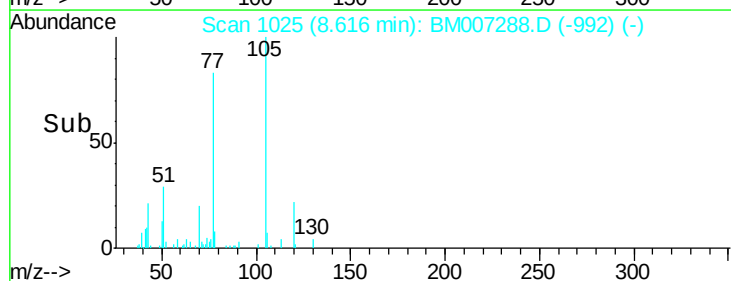
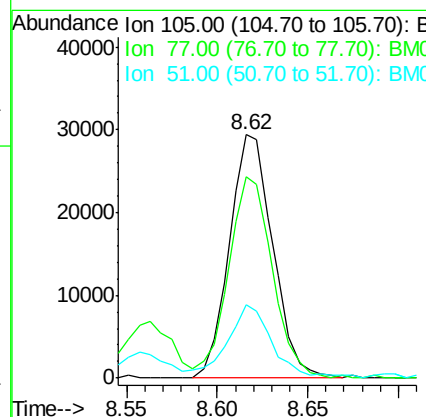
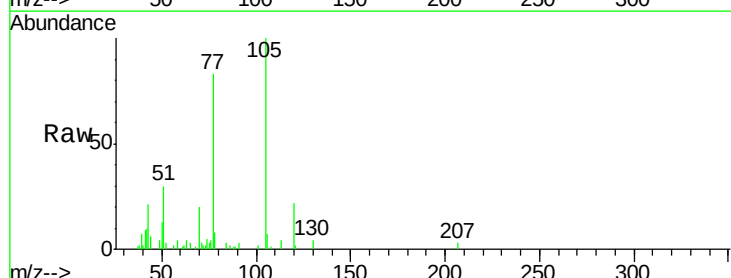
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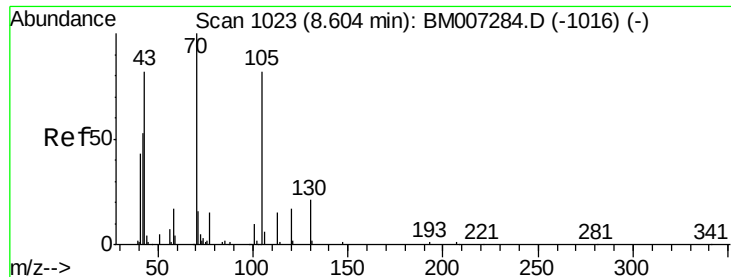
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#14
Acetophenone
Concen: 2.04 ng/ul
RT: 8.62 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Lower	Upper
105	100		
77	82.5	65.9	98.9
51	30.1	22.2	33.2





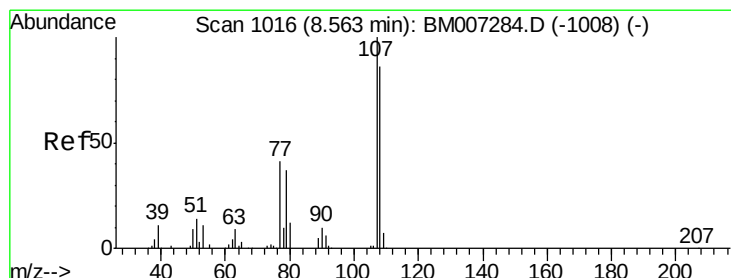
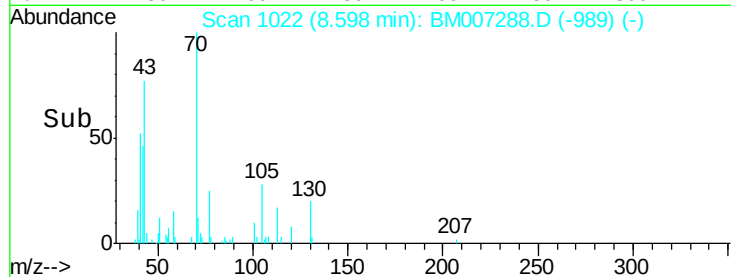
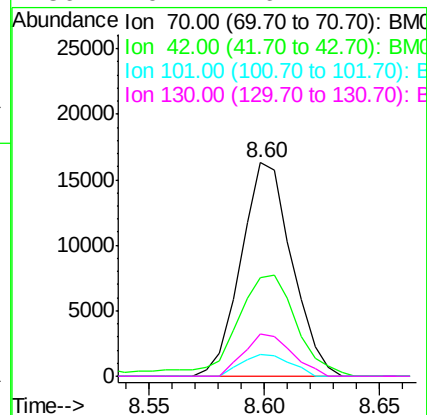
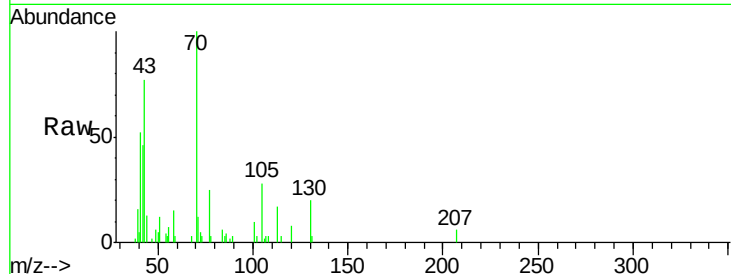
#15
N-Nitroso-di-n-propylamine
Concen: 1.97 ng/ul
RT: 8.60 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.3	43.4	65.2
101	10.4	7.8	11.6
130	19.7	16.2	24.4

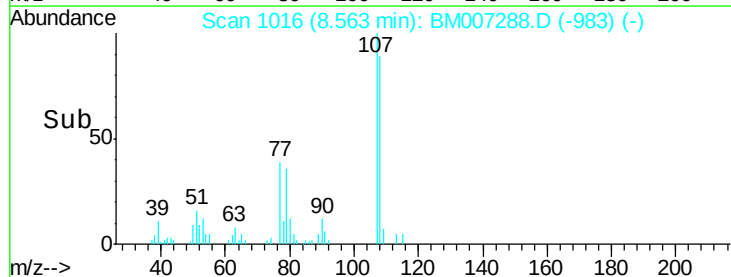
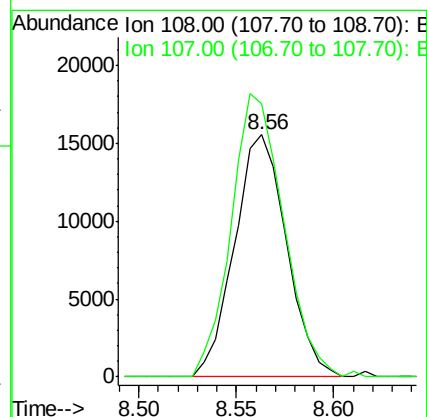
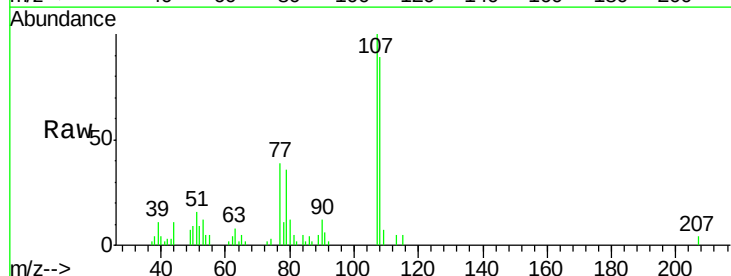
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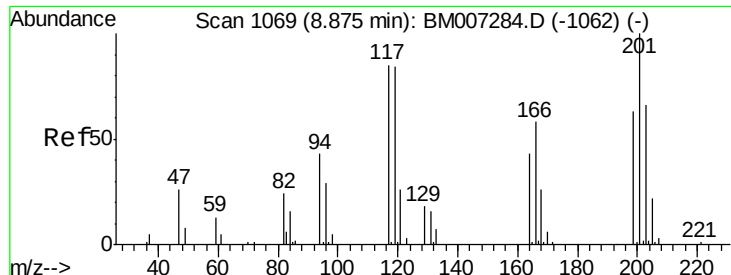
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#16
4-Methylphenol
Concen: 1.76 ng/ul
RT: 8.56 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Lower	Upper
108	100		
107	112.7	87.8	131.8





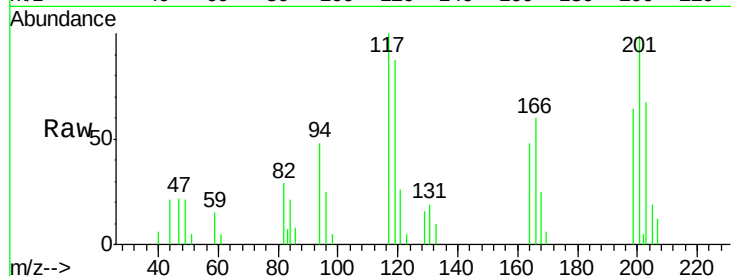
#17
Hexachloroethane
Concen: 2.05 ng/ul
RT: 8.87 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

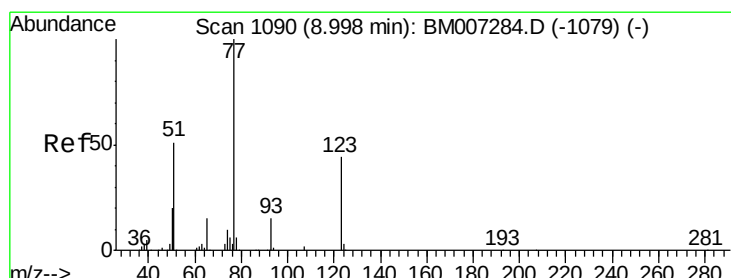
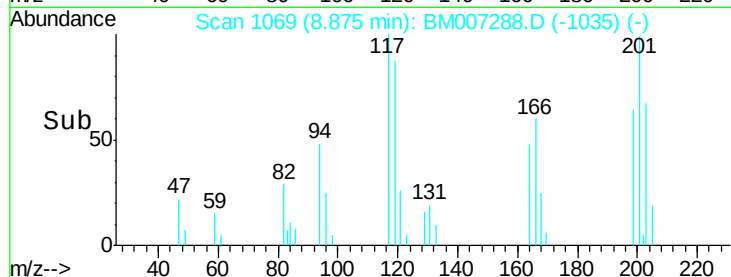
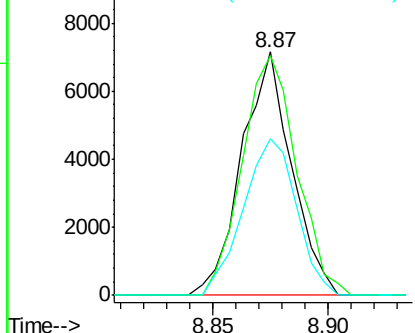
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	10781		
201	98.7	90.3	135.5	
199	64.2	58.5	87.7	

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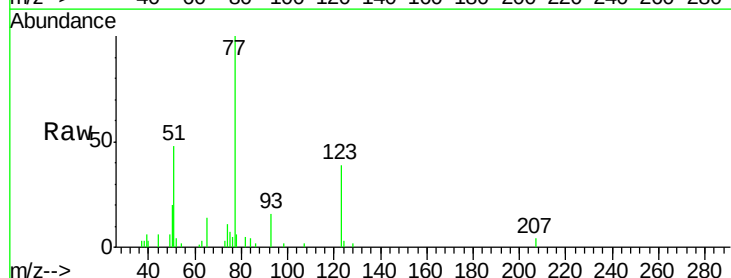


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

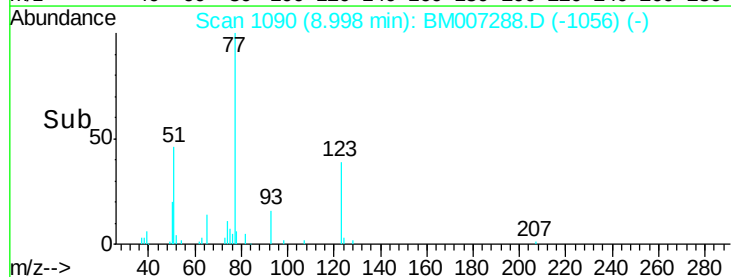
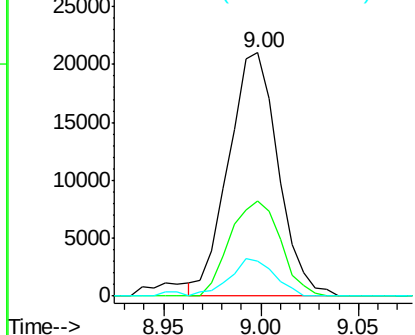


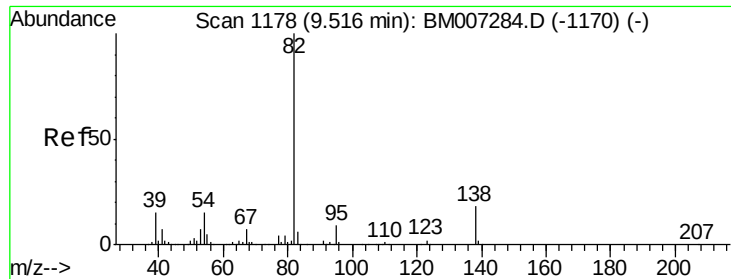
#20
Nitrobenzene
Concen: 2.07 ng/ul
RT: 9.00 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	37041		
123	38.8	34.2	51.4	
65	14.5	11.0	16.6	



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





#21

Isophorone

Concen: 1.99 ng/ul

RT: 9.52 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Instrument :

BNA_M

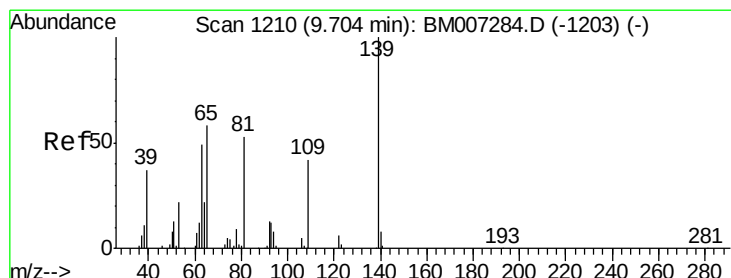
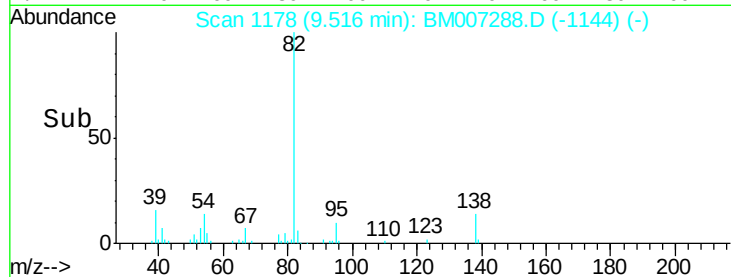
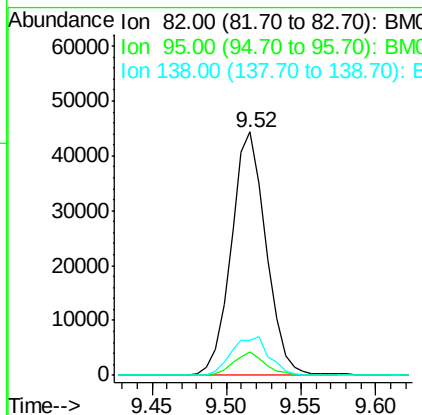
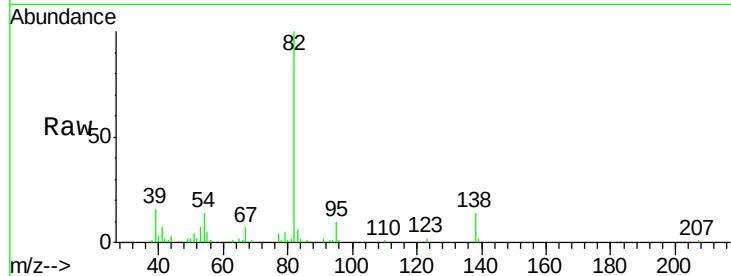
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	82	Resp:	72535
Ion Ratio	Lower	Upper	
82	100		
95	9.8	6.9	10.3
138	14.4	13.8	20.8

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#23

2-Nitrophenol

Concen: 2.04 ng/ul

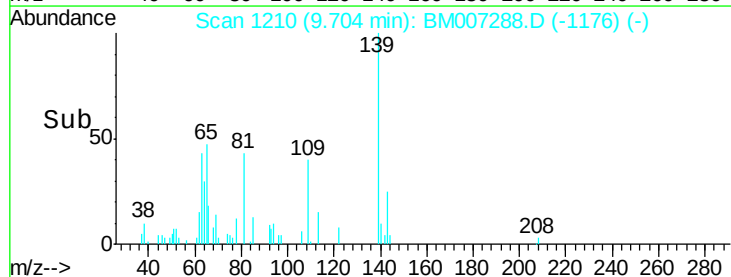
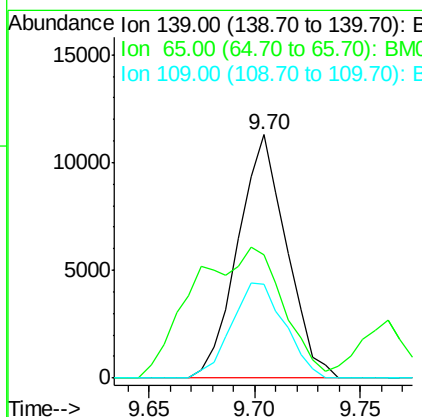
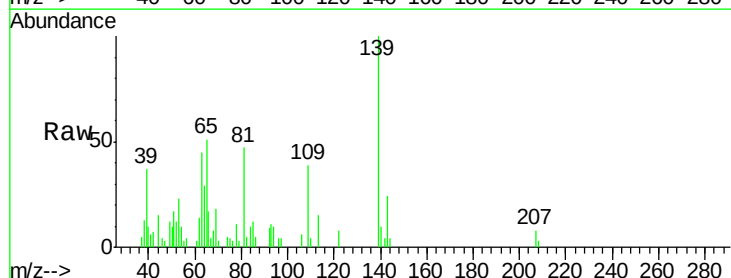
RT: 9.70 min Scan# 1210

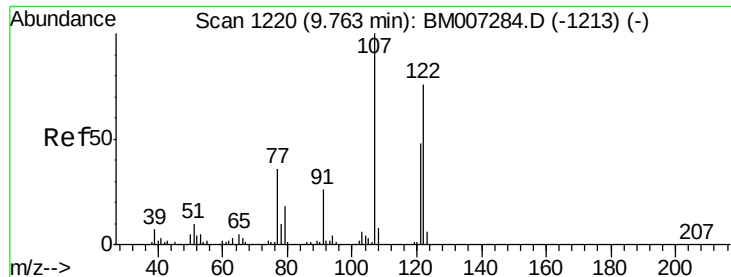
Delta R.T. 0.00 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Tgt Ion:	139	Resp:	18082
Ion Ratio	Lower	Upper	
139	100		
65	50.6	44.2	66.4
109	38.7	28.2	42.4





#24

2,4-Dimethylphenol

Concen: 1.87 ng/ul

RT: 9.76 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BM007288.D

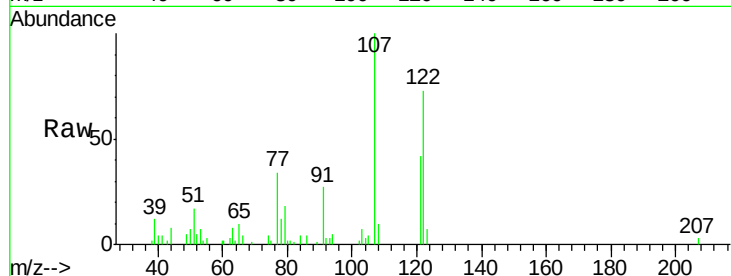
Acq: 24 Aug 2016 22:14

Instrument :

BNA_M

ClientSampleId :

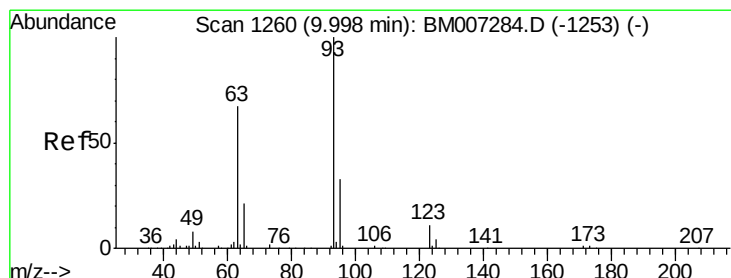
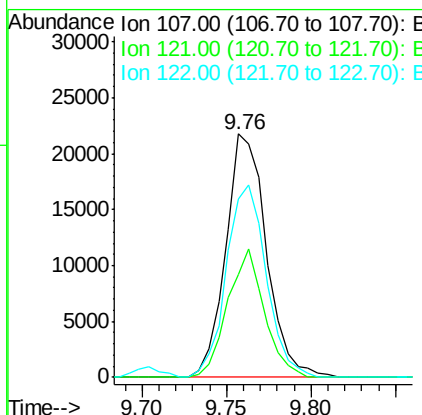
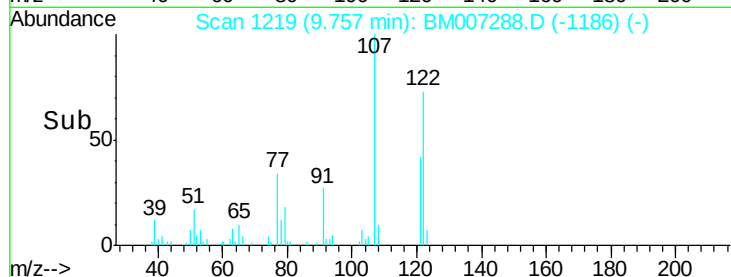
MDL-03-S-ML



Tgt Ion:	107	Resp:	36488
Ion Ratio	Lower	Upper	
107	100		
121	42.5	37.1	55.7
122	73.1	62.8	94.2

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#25

Bis(2-Chloroethoxy)methane

Concen: 1.88 ng/ul

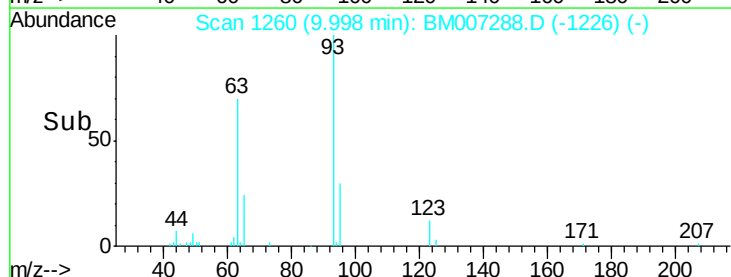
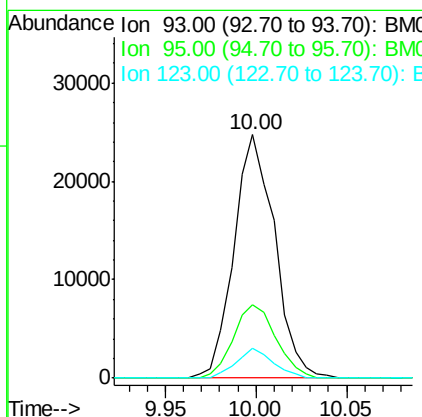
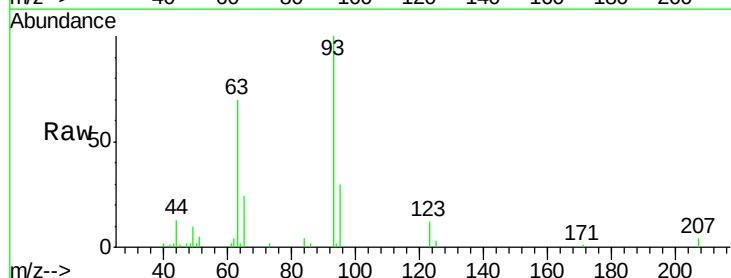
RT: 10.00 min Scan# 1260

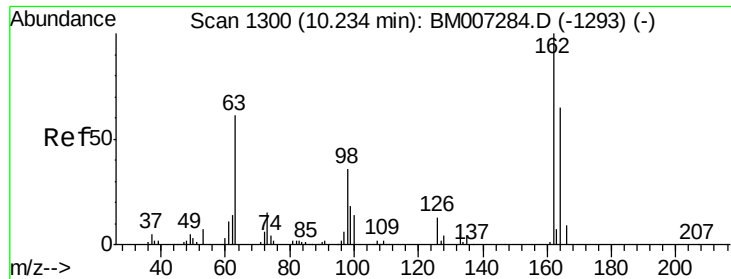
Delta R.T. 0.00 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Tgt Ion:	93	Resp:	38641
Ion Ratio	Lower	Upper	
93	100		
95	30.0	25.4	38.0
123	12.3	8.3	12.5





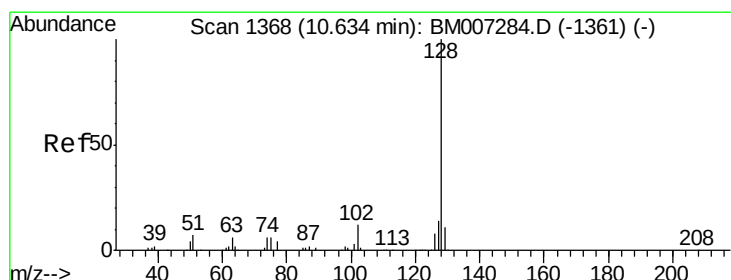
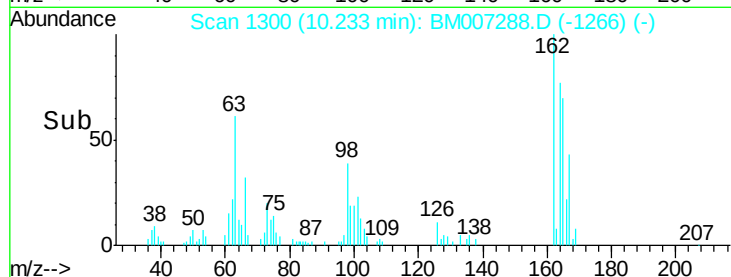
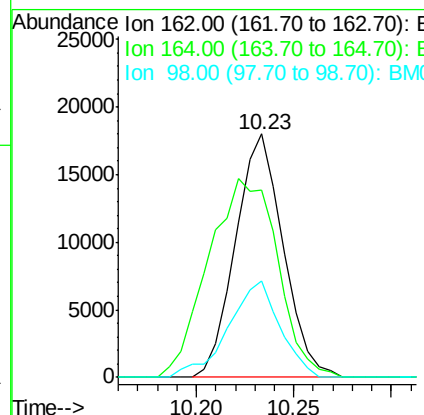
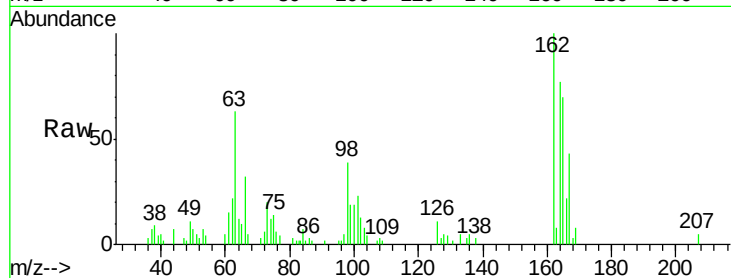
#27
 2,4-Dichlorophenol
 Concen: 1.89 ng/ul
 RT: 10.23 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BM007288.D
 Acq: 24 Aug 2016 22:14

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	30471		
164	76.7	51.6	77.4	
98	39.5	28.4	42.6	

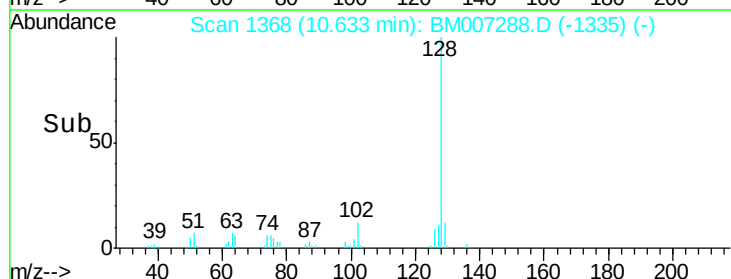
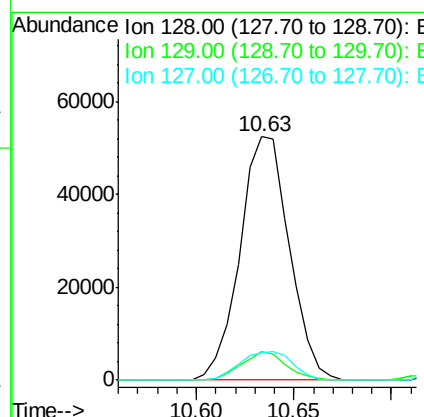
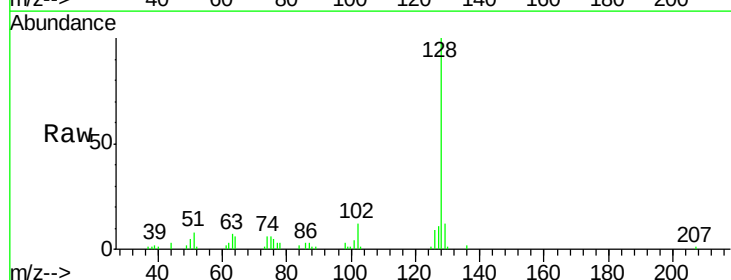
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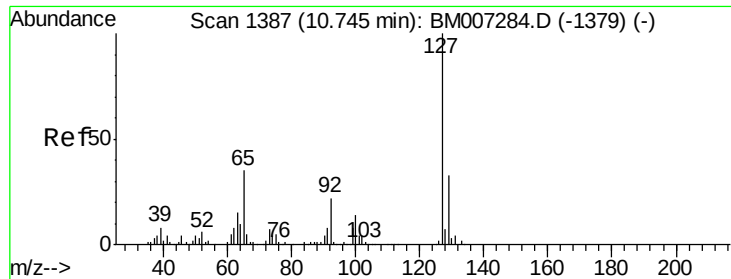
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#28
 Naphthalene
 Concen: 1.95 ng/ul
 RT: 10.63 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BM007288.D
 Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	91944		
129	11.6	8.6	12.8	
127	11.4	10.6	15.8	





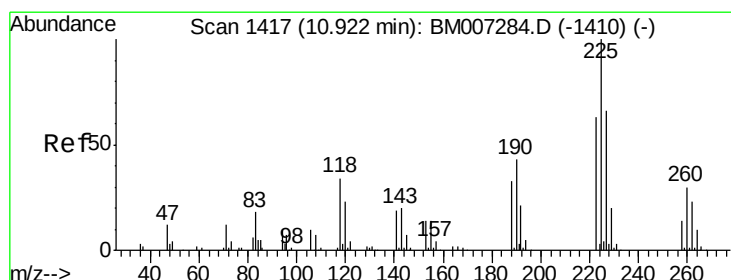
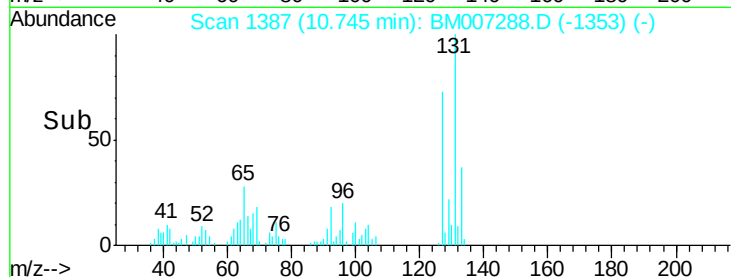
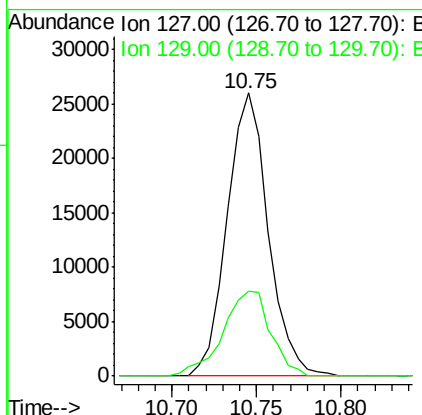
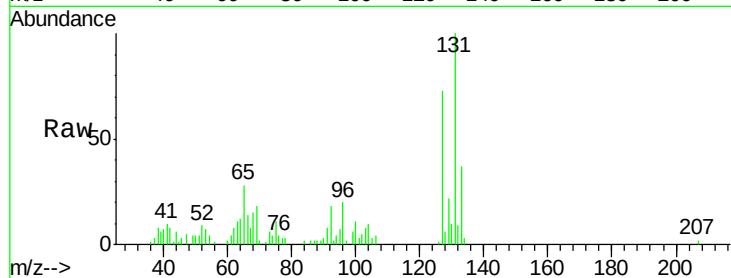
#30
4-Chloroaniline
Concen: 2.12 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.2	24.6	37.0

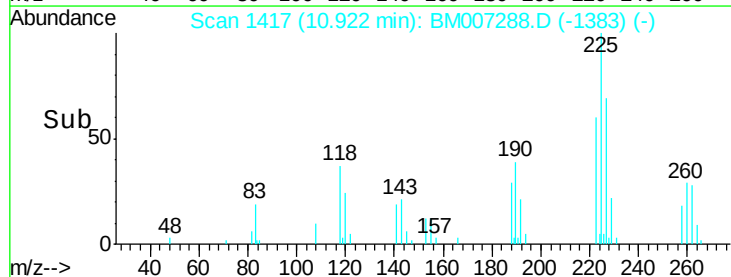
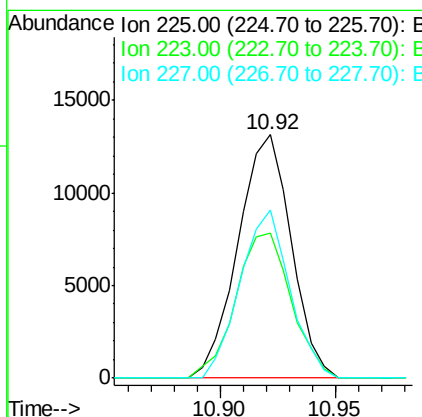
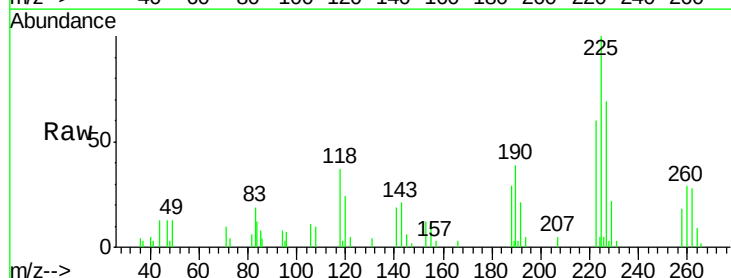
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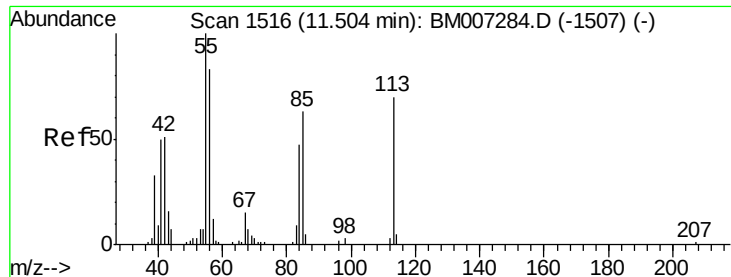
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#31
Hexachlorobutadiene
Concen: 1.94 ng/ul
RT: 10.92 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.6	51.2	76.8
227	68.9	52.5	78.7





#32

Caprolactam

Concen: 1.85 ng/ul m

RT: 11.55 min Scan# 1523

Delta R.T. 0.04 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

Tgt Ion:113 Resp: 11988

Ion Ratio Lower Upper

113 100

55 133.2 121.9 182.9

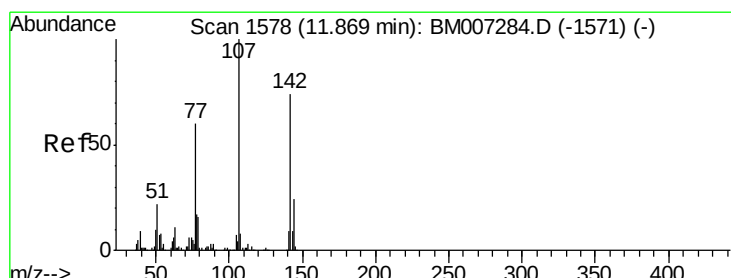
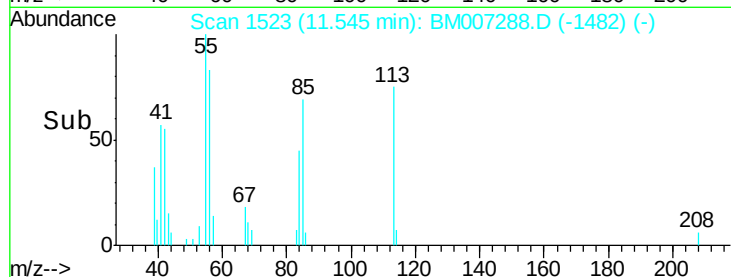
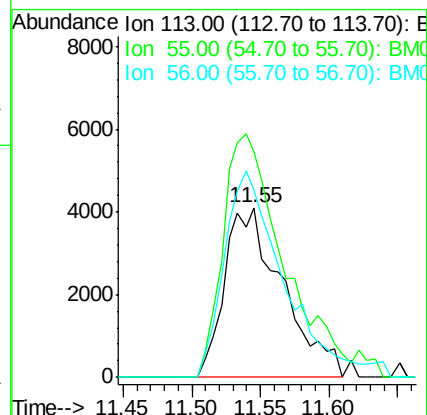
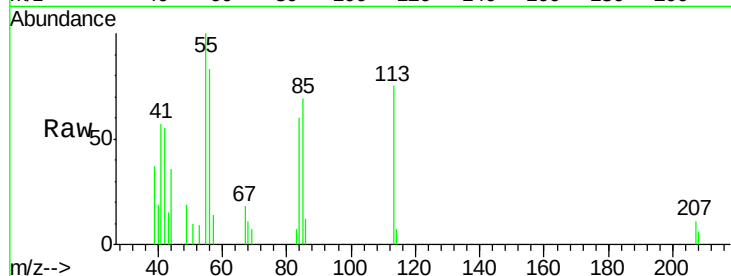
56 110.6 97.4 146.0

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#33

4-Chloro-3-methylphenol

Concen: 1.75 ng/ul

RT: 11.87 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

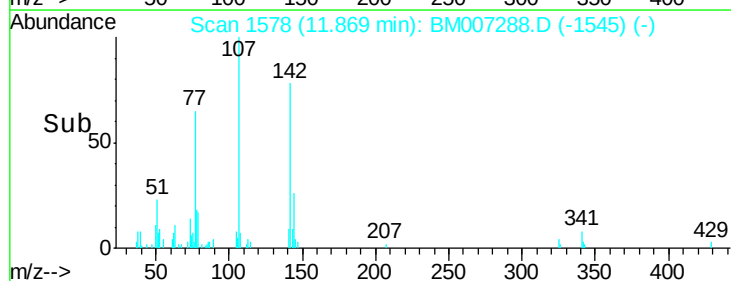
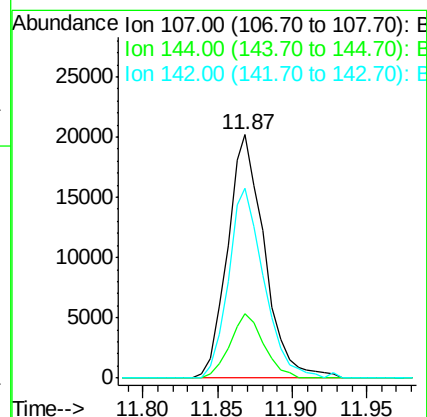
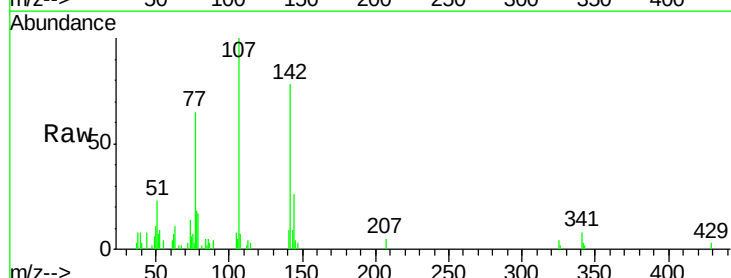
Tgt Ion:107 Resp: 34933

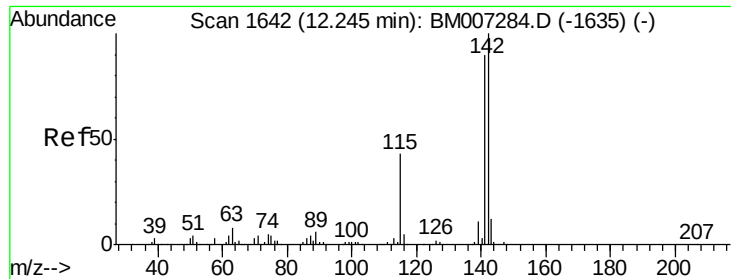
Ion Ratio Lower Upper

107 100

144 26.2 21.1 31.7

142 78.0 64.1 96.1





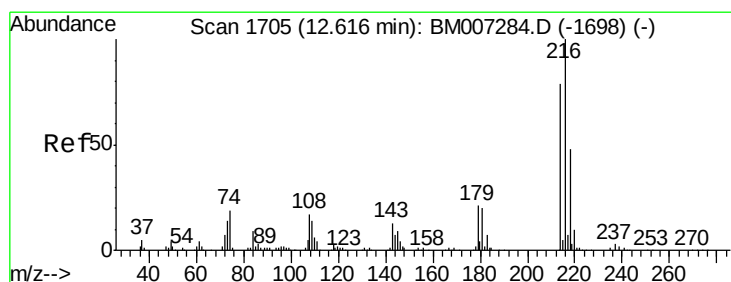
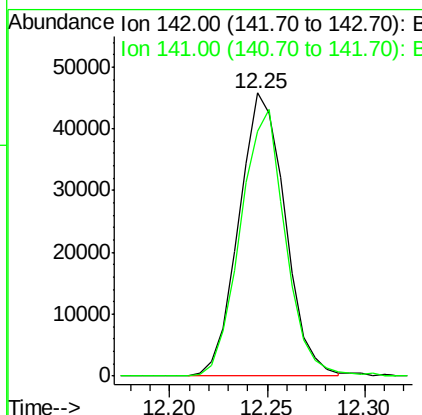
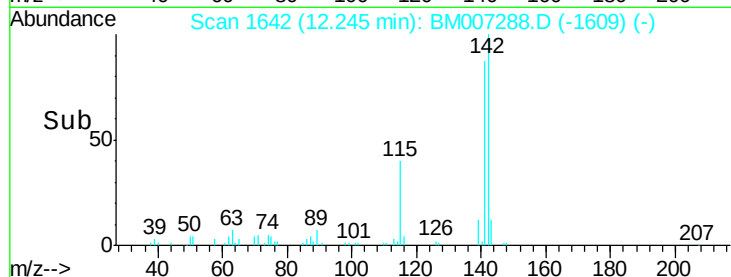
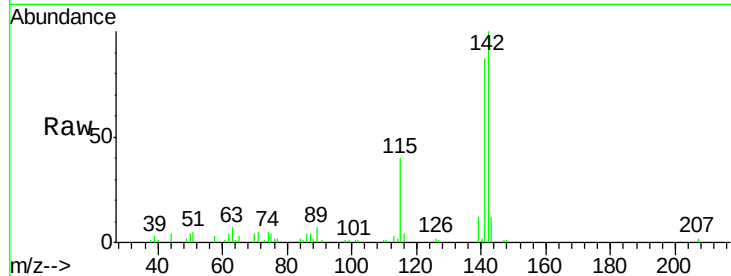
#34
2-Methylnaphthalene
Concen: 1.95 ng/ul
RT: 12.25 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Instrument :
BNA_M
ClientSampled :
MDL-03-S-ML

Tgt Ion:142 Resp: 75243
Ion Ratio Lower Upper
142 100
141 86.6 71.3 106.9

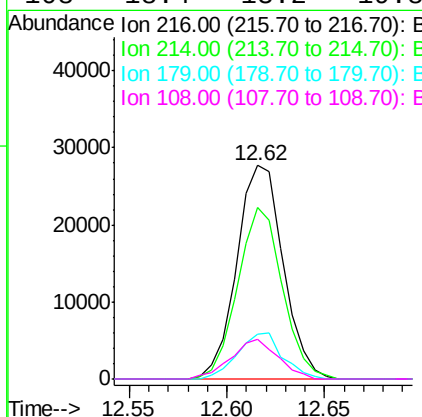
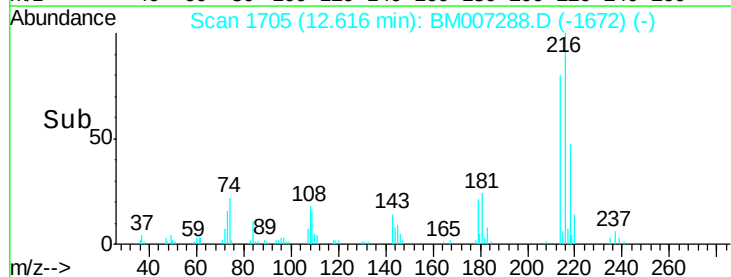
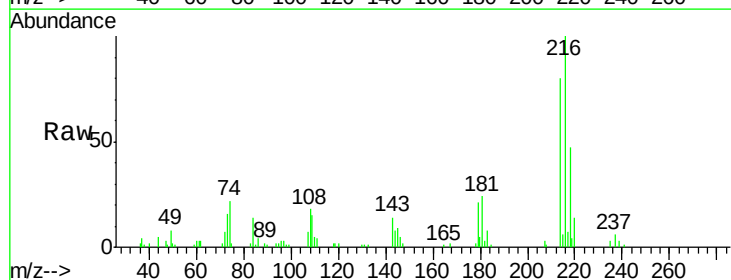
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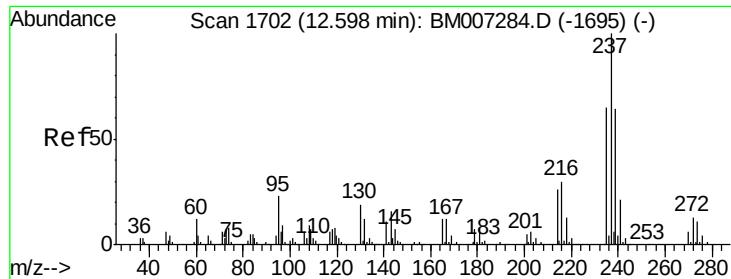
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 1.96 ng/ul
RT: 12.62 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Tgt Ion:216 Resp: 45725
Ion Ratio Lower Upper
216 100
214 80.4 64.8 97.2
179 21.0 16.7 25.1
108 18.4 13.2 19.8





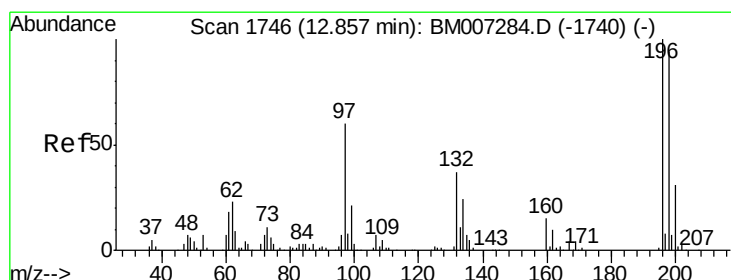
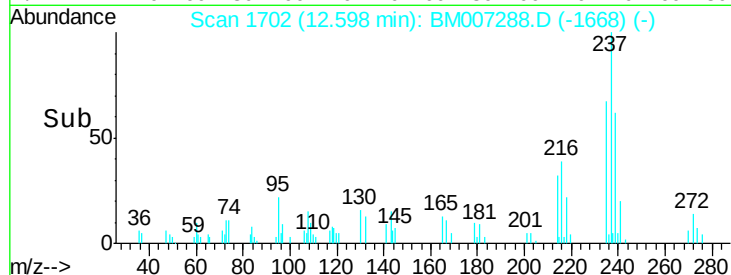
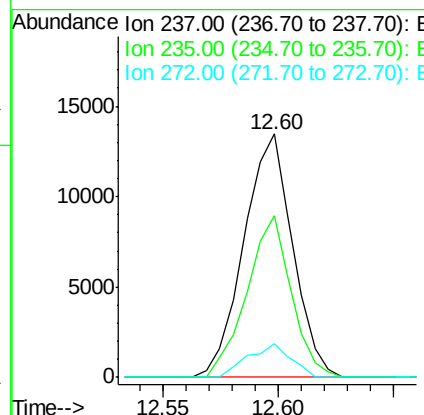
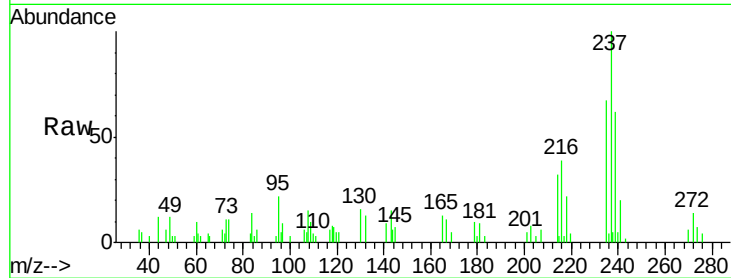
#37
Hexachlorocyclopentadiene
Concen: 1.41 ng/ul
RT: 12.60 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	19802		
235	66.6	49.6	74.4	
272	13.9	10.4	15.6	

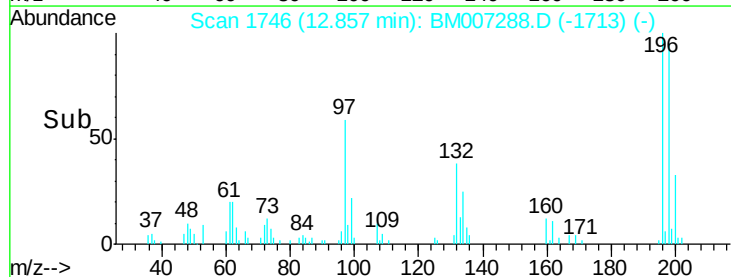
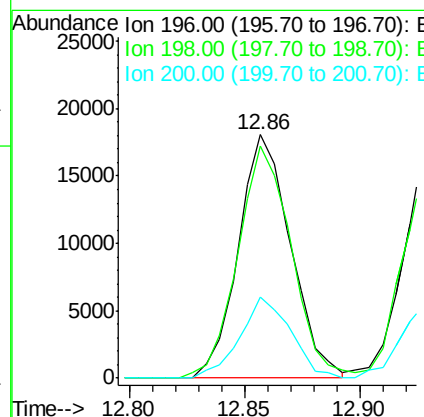
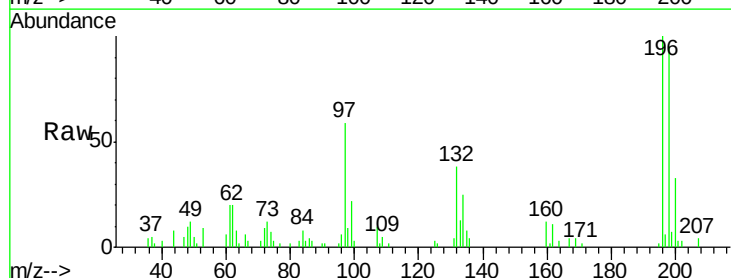
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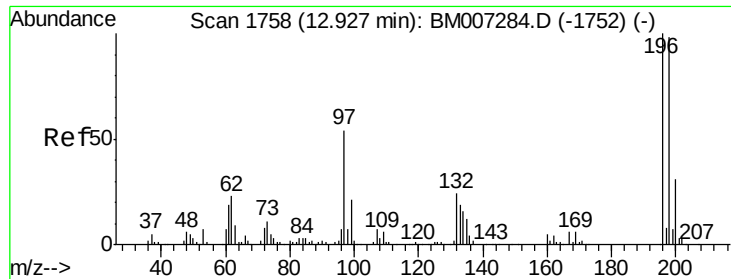
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#38
2,4,6-Trichlorophenol
Concen: 1.73 ng/ul
RT: 12.86 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	28523		
198	95.5	76.9	115.3	
200	33.3	25.1	37.7	





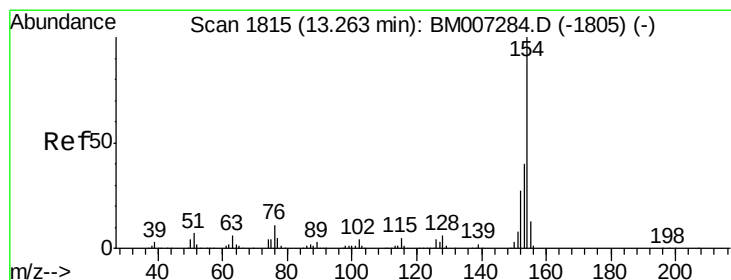
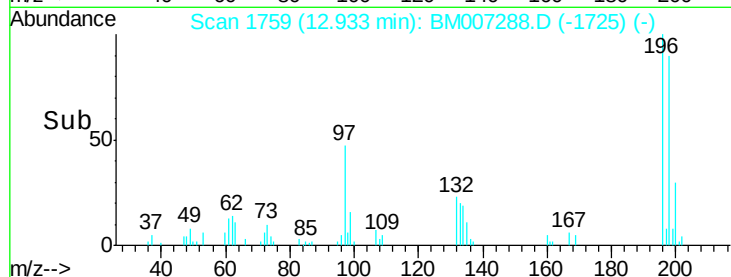
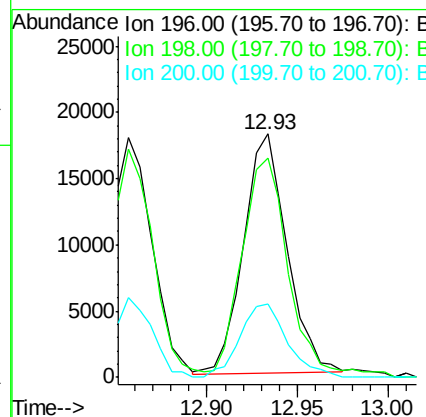
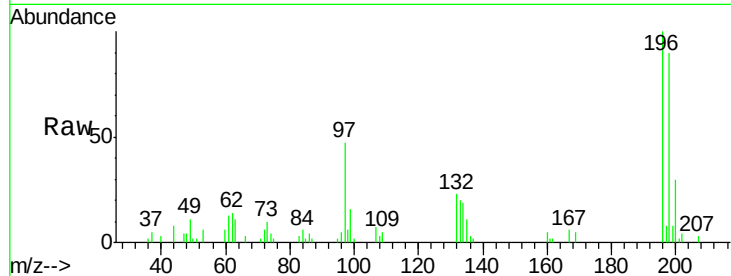
#39
 2,4,5-Trichlorophenol
 Concen: 1.75 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM007288.D
 Acq: 24 Aug 2016 22:14

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	30196		
198	90.2	76.8	115.2	
200	30.3	27.0	40.4	

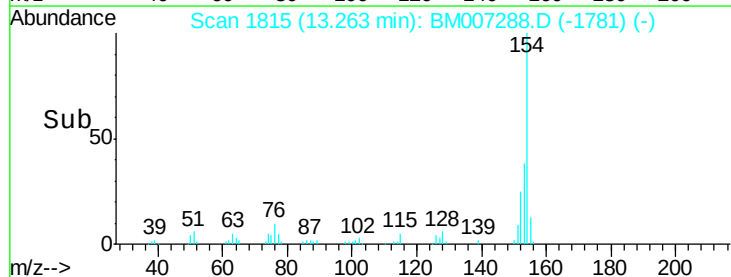
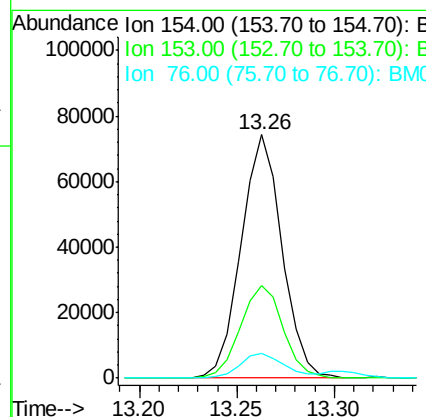
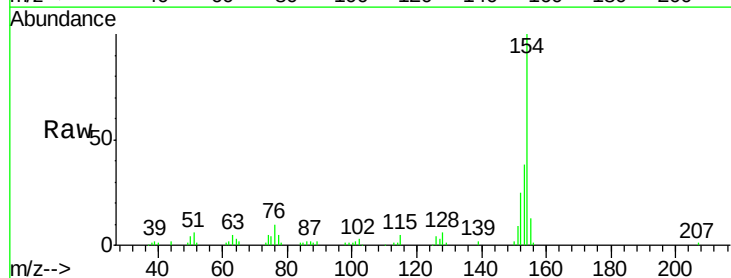
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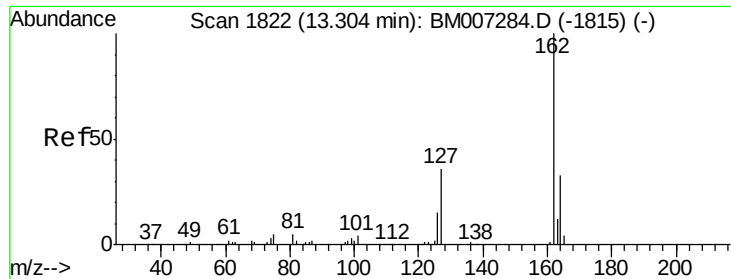
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#40
 1,1'-Biphenyl
 Concen: 1.98 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BM007288.D
 Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	107682		
153	38.2	31.3	46.9	
76	10.4	10.0	15.0	





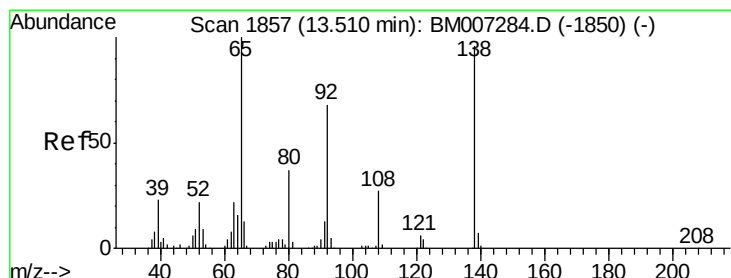
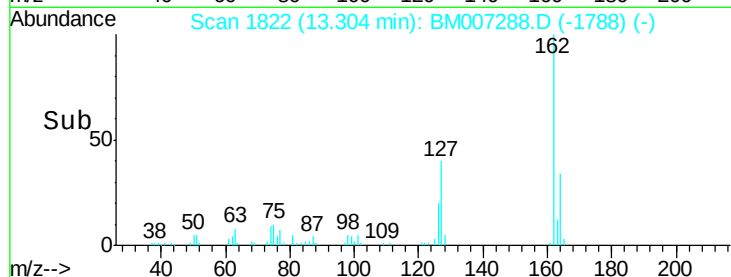
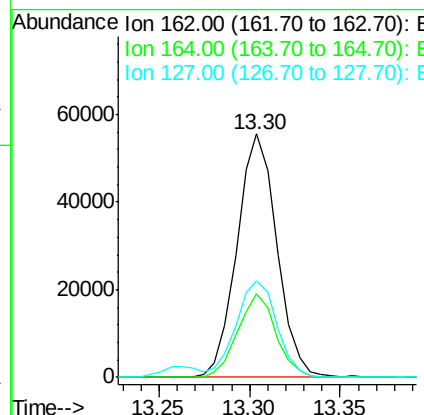
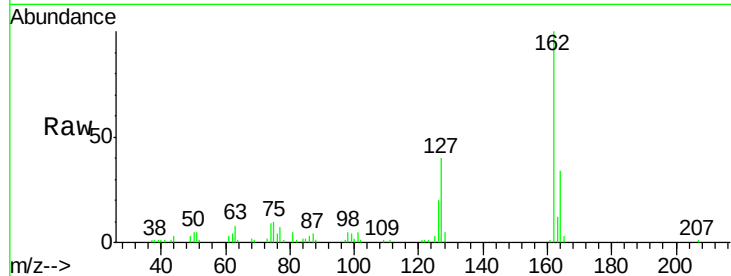
#41
 2-Chloronaphthalene
 Concen: 1.99 ng/ul
 RT: 13.30 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BM007288.D
 Acq: 24 Aug 2016 22:14

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
162	100		
164	34.3	26.9	40.3
127	39.7	31.2	46.8

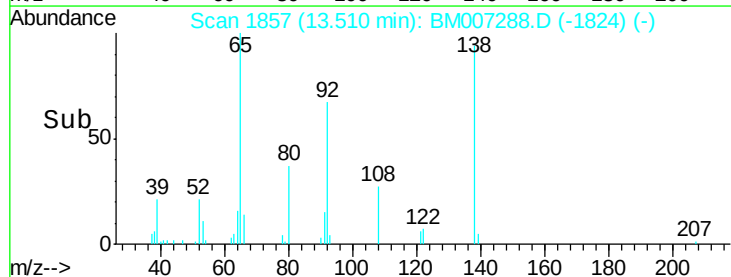
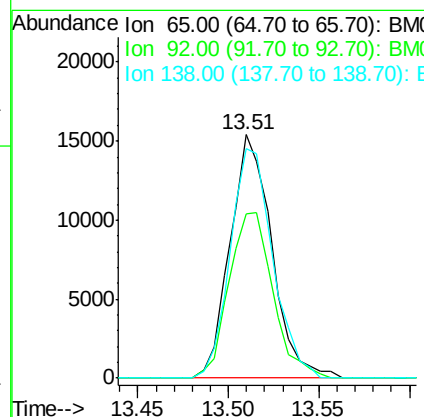
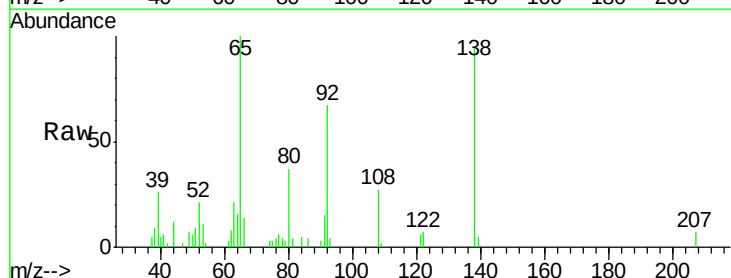
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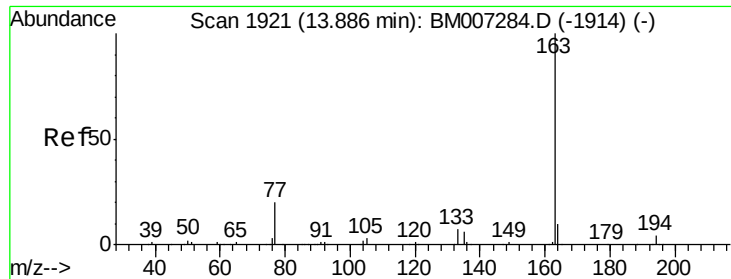
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#42
 2-Nitroaniline
 Concen: 1.77 ng/ul
 RT: 13.51 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BM007288.D
 Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	55.6	83.4
138	94.3	81.3	121.9





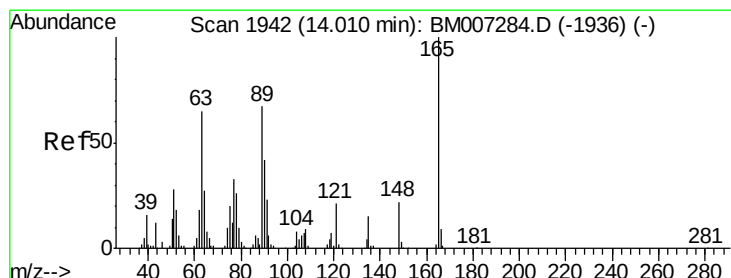
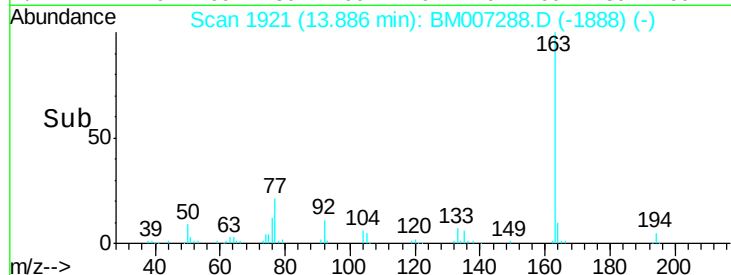
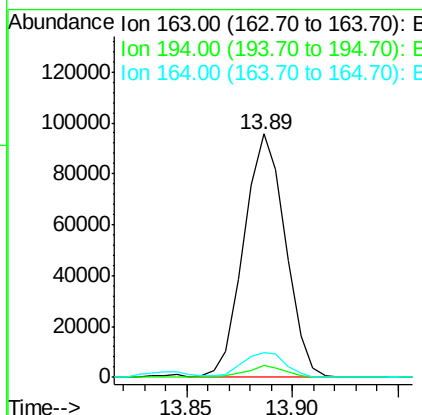
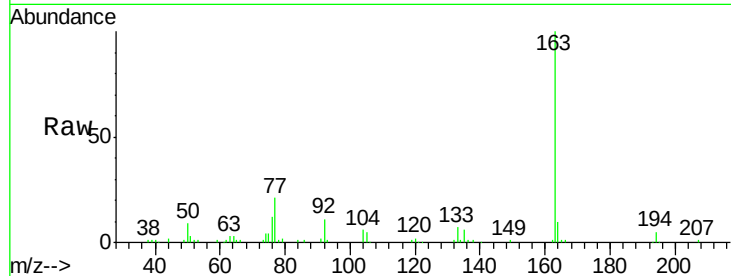
#44
Dimethylphthalate
Concen: 2.18 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	131068		
194	5.0	3.4	5.2	
164	10.3	7.8	11.8	

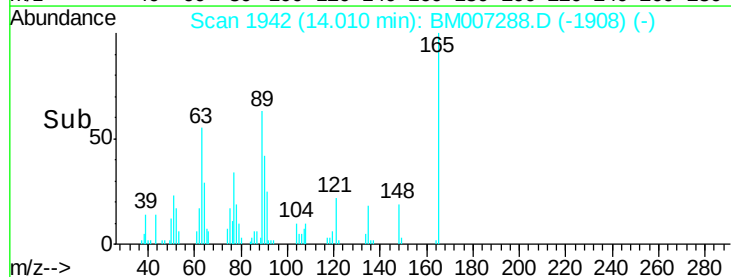
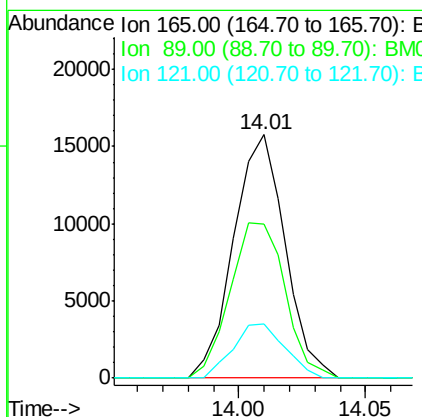
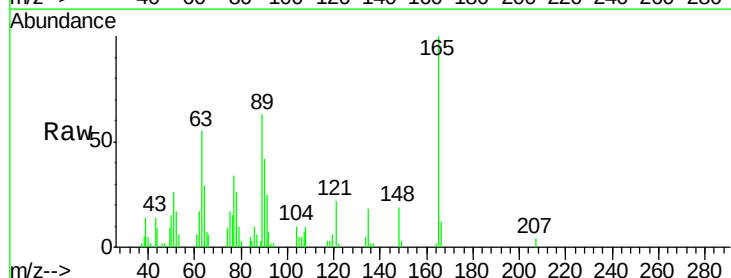
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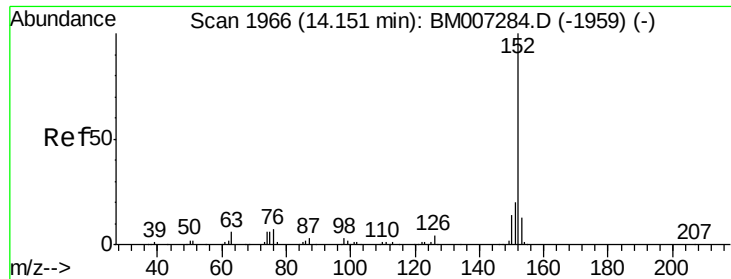
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#45
2,6-Dinitrotoluene
Concen: 1.81 ng/ul
RT: 14.01 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	22311		
89	63.4	46.6	69.8	
121	22.3	16.0	24.0	





#47

Acenaphthylene

Concen: 2.03 ng/ul

RT: 14.15 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Instrument :

BNA_M

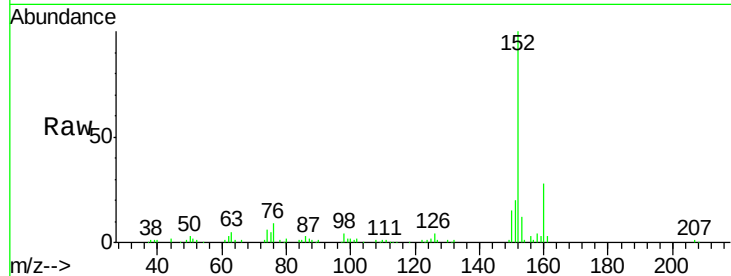
ClientSampled :

MDL-03-S-ML

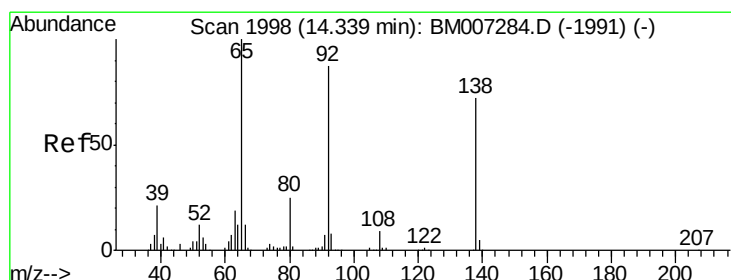
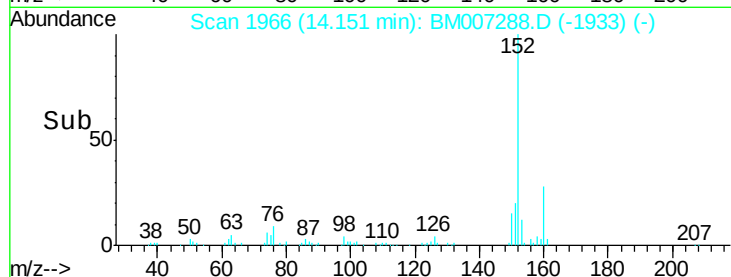
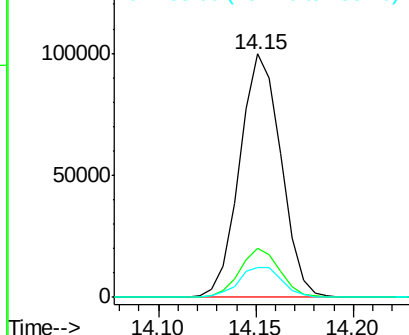
Tgt Ion:	152	Resp:	146588
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.0	24.0
153	12.2	11.0	16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 1.87 ng/ul

RT: 14.34 min Scan# 1998

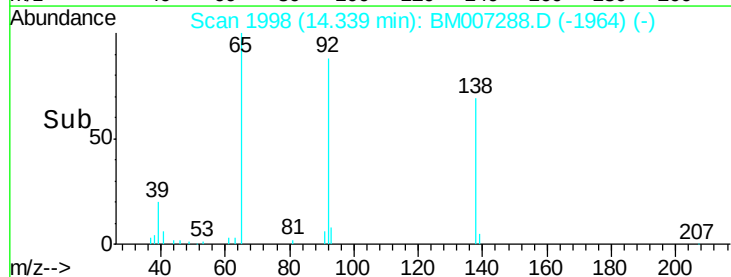
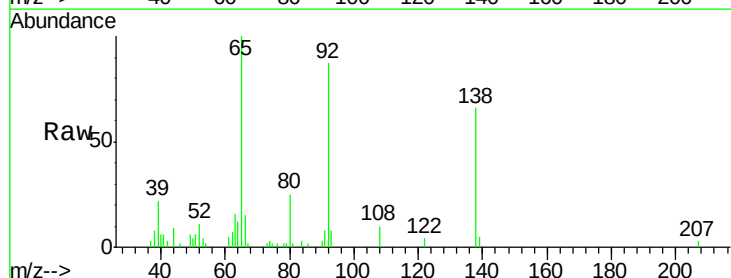
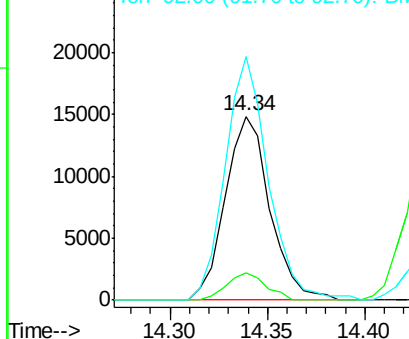
Delta R.T. 0.00 min

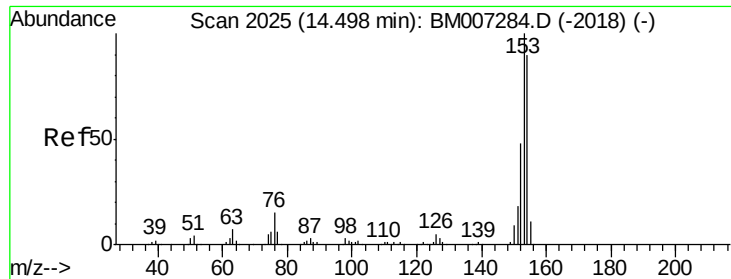
Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Tgt Ion:	138	Resp:	23546
Ion Ratio	Lower	Upper	
138	100		
108	14.6	9.4	14.0#
92	132.7	96.6	145.0

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 2.00 ng/ul

RT: 14.49 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Instrument :

BNA_M

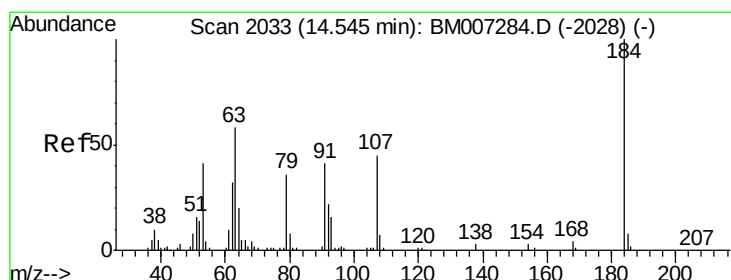
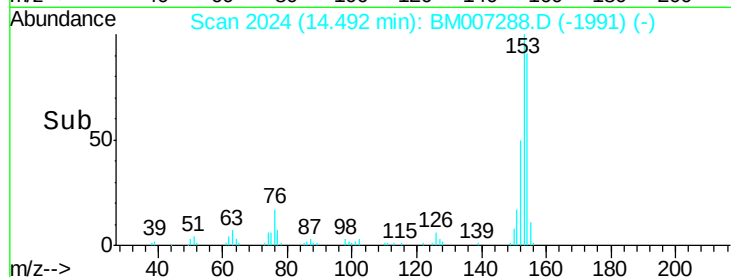
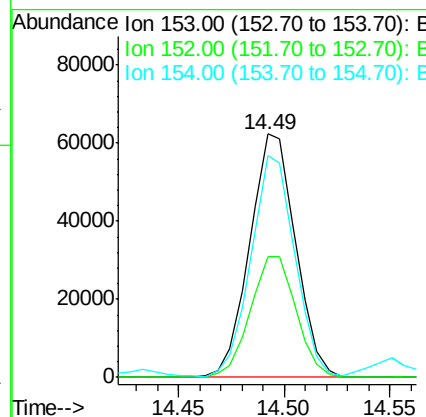
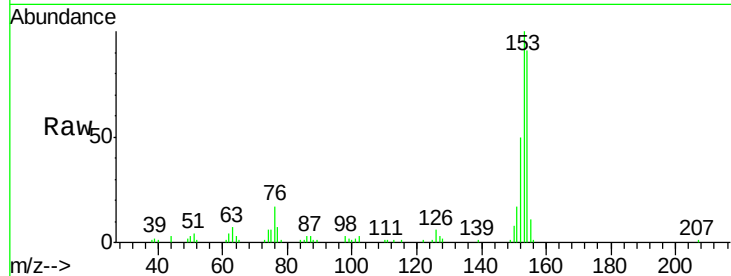
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	153	Resp:	93821
Ion Ratio	Lower	Upper	
153	100		
152	49.8	37.8	56.6
154	91.1	71.4	107.0

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#50

2,4-Dinitrophenol

Concen: 1.27 ng/ul

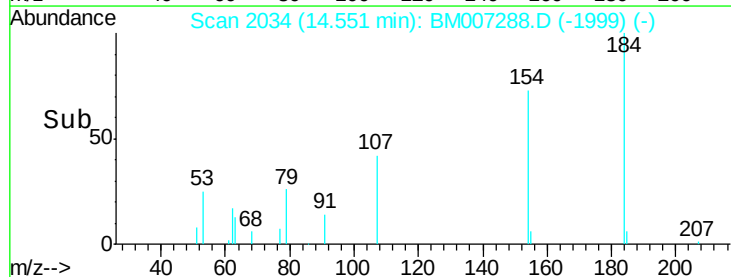
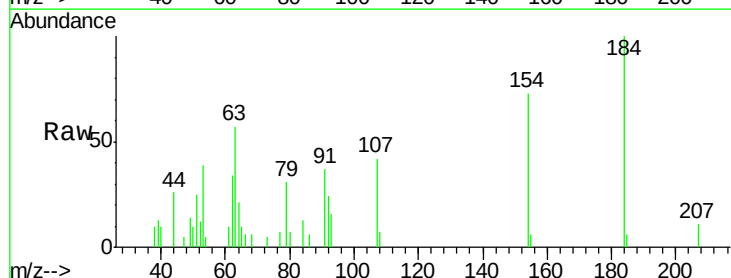
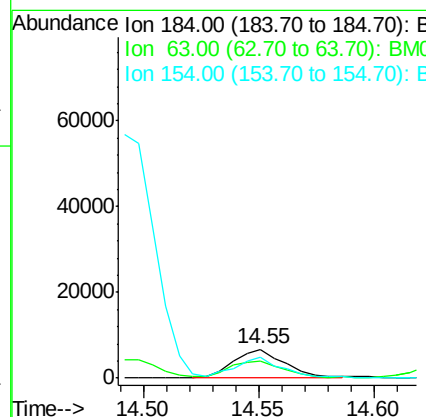
RT: 14.55 min Scan# 2034

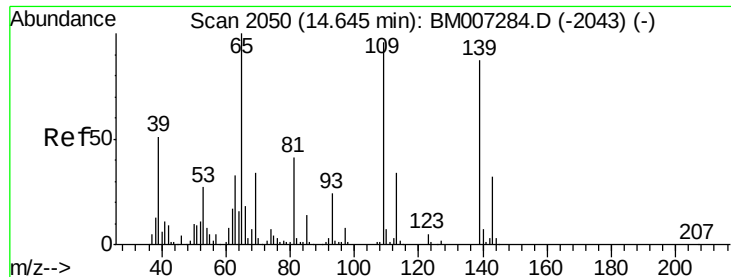
Delta R.T. 0.01 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Tgt Ion:	184	Resp:	10570
Ion Ratio	Lower	Upper	
184	100		
63	57.1	43.4	65.0
154	72.8	48.2	72.4#





#52

4-Nitrophenol

Concen: 2.36 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Instrument :

BNA_M

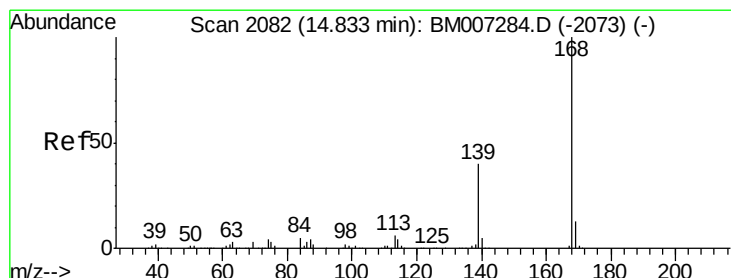
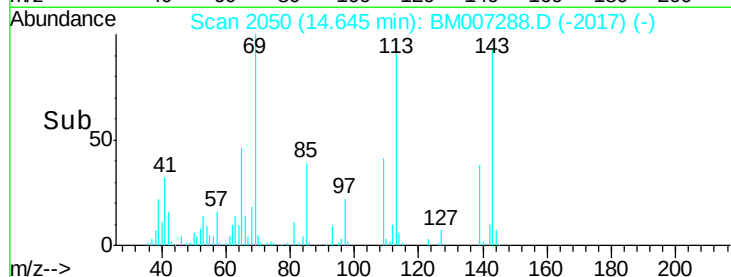
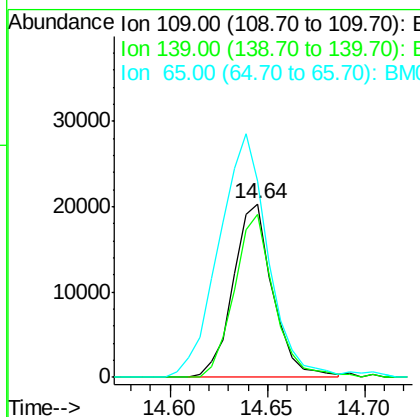
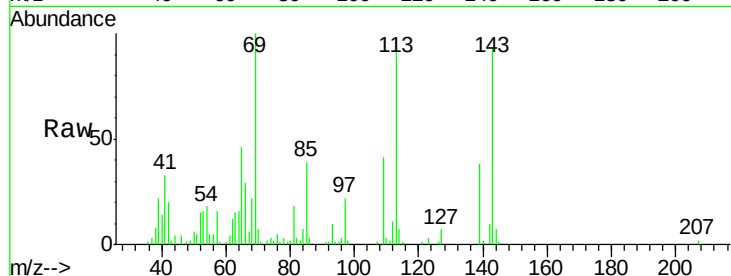
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
109	100	28626		
139	94.1	88.7	133.1	
65	113.5	96.4	144.6	

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#53

Dibenzofuran

Concen: 2.08 ng/ul

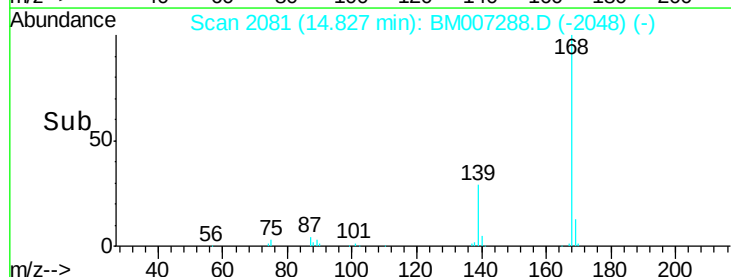
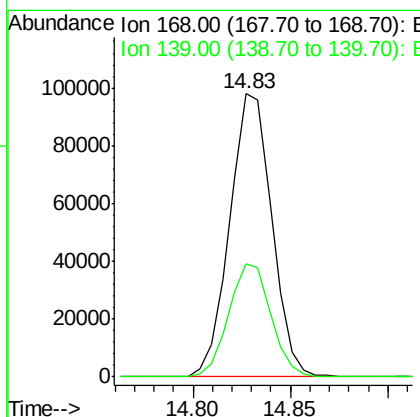
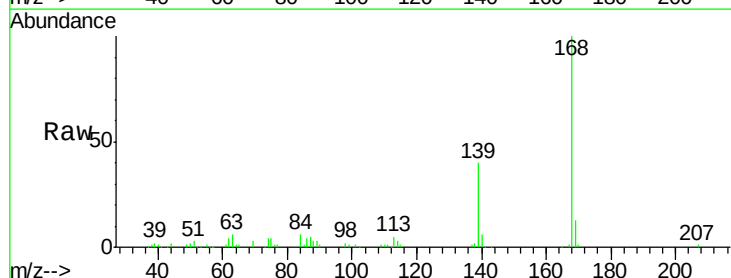
RT: 14.83 min Scan# 2081

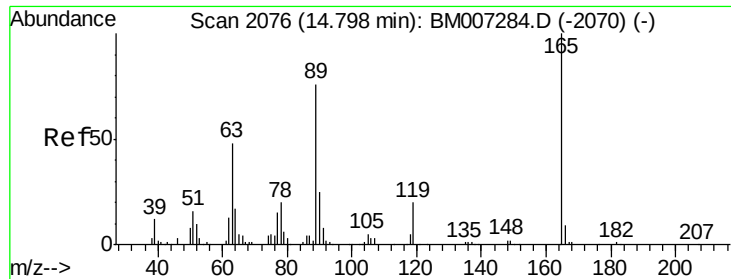
Delta R.T. -0.01 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	146397		
139	39.9	30.1	45.1	





#54

2,4-Dinitrotoluene

Concen: 2.09 ng/ul

RT: 14.80 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Instrument :

BNA_M

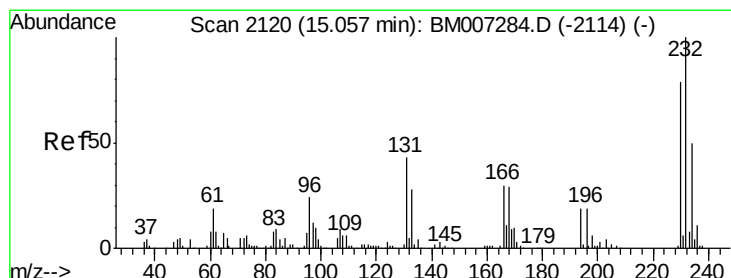
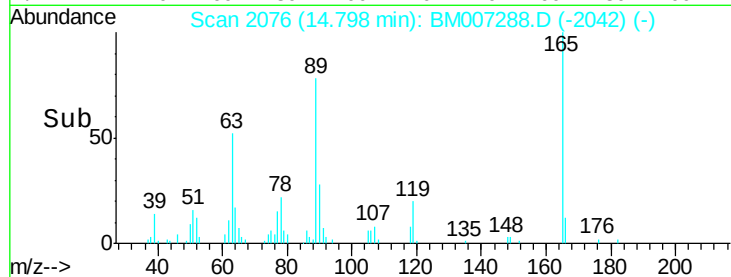
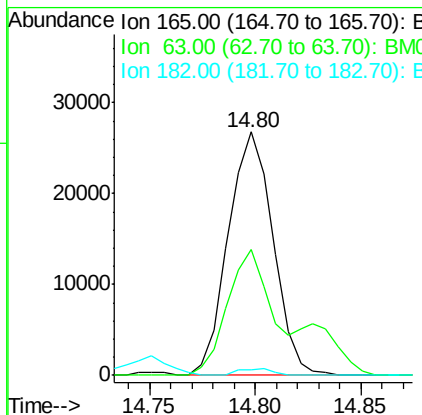
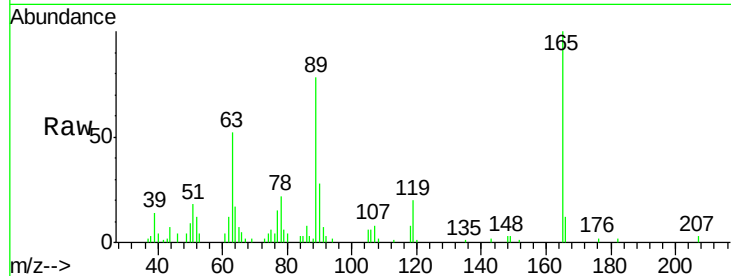
ClientSampleId :

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Tgt Ion:	165	Resp:	39418
Ion Ratio	Lower	Upper	
165	100		
63	51.7	36.2	54.2
182	2.3	2.2	3.4

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#55

2,3,4,6-Tetrachlorophenol

Concen: 1.98 ng/ul

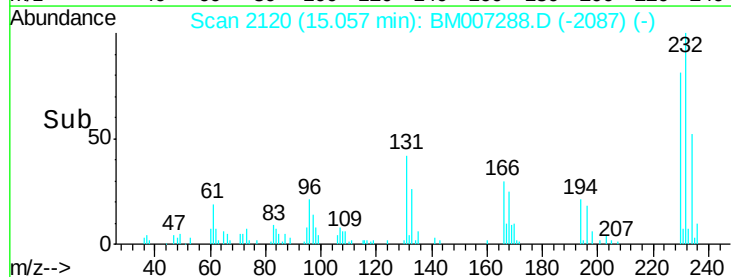
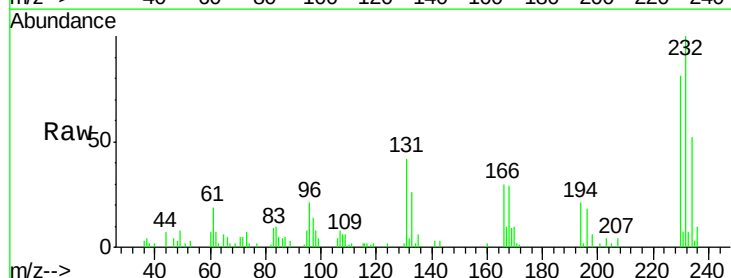
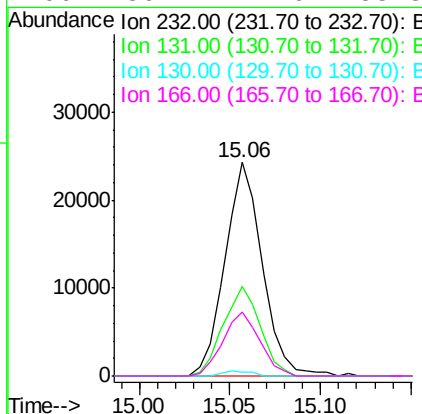
RT: 15.06 min Scan# 2120

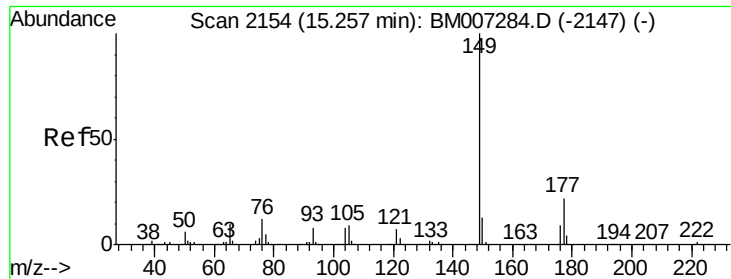
Delta R.T. -0.01 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Tgt Ion:	232	Resp:	34870
Ion Ratio	Lower	Upper	
232	100		
131	42.0	31.4	47.0
130	2.1	1.6	2.4
166	30.1	22.6	33.8





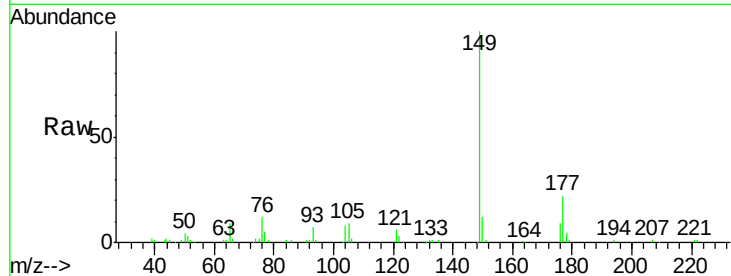
#56
Diethylphthalate
Concen: 2.17 ng/ul
RT: 15.26 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

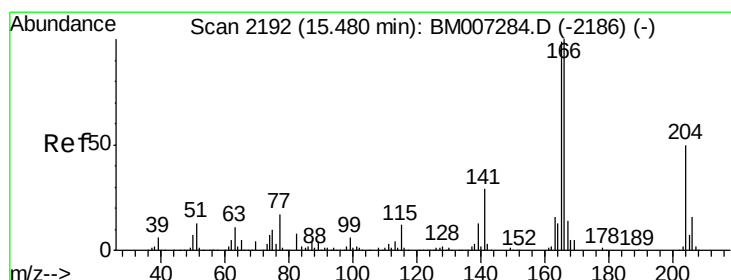
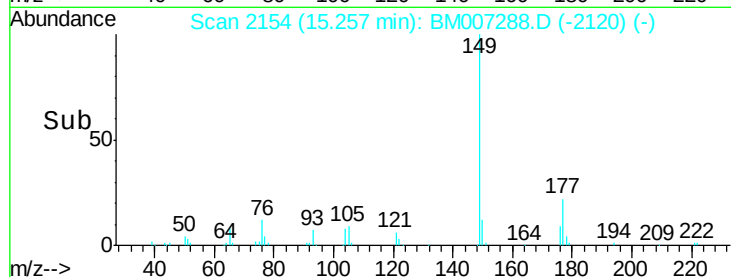
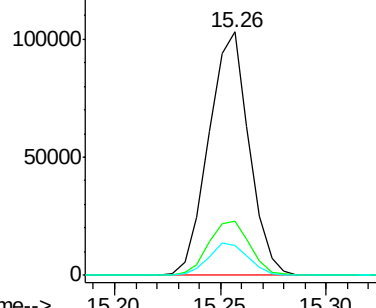
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	136150		
177	22.3	18.6	28.0	
150	12.4	10.0	15.0	

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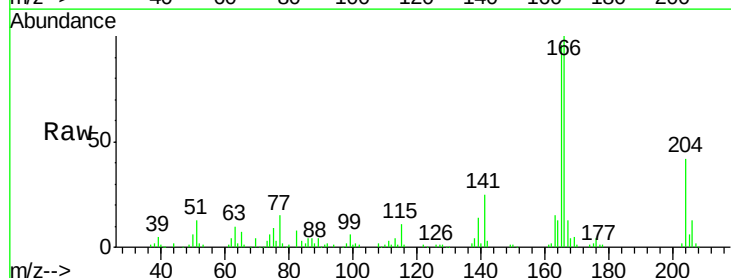


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

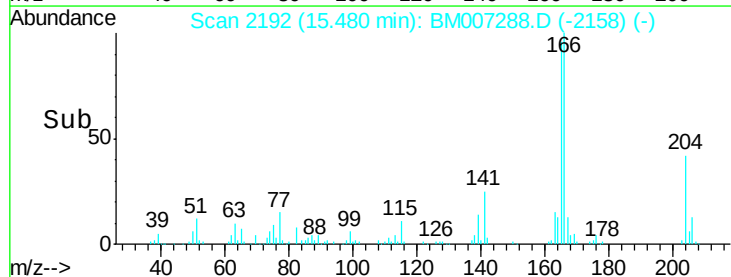
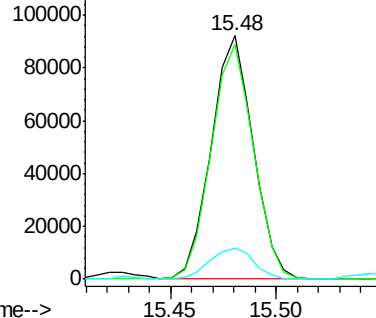


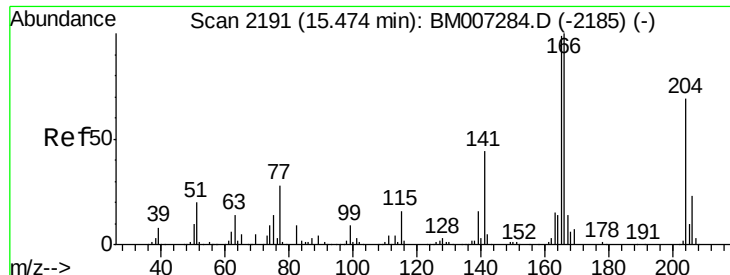
#58
Fluorene
Concen: 2.20 ng/ul
RT: 15.48 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	127251		
165	96.5	79.9	119.9	
167	12.7	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





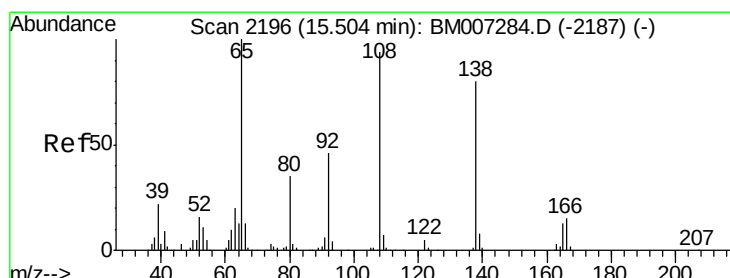
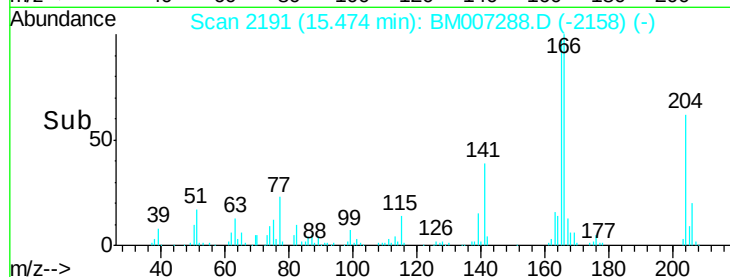
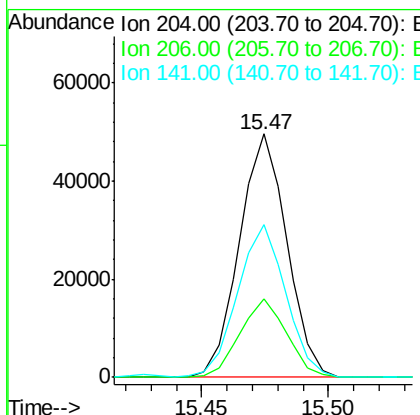
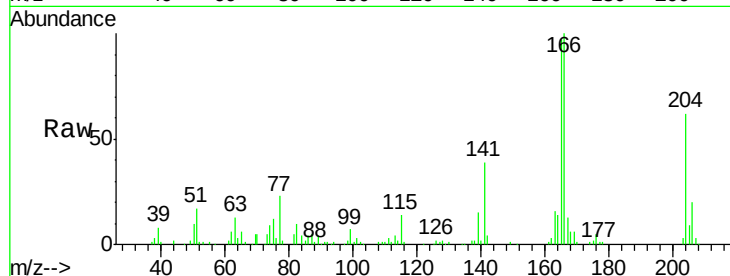
#59
 4-Chlorophenyl-phenylether
 Concen: 2.14 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007288.D
 Acq: 24 Aug 2016 22:14

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	64840		
206	32.5	25.9	38.9	
141	62.7	46.1	69.1	

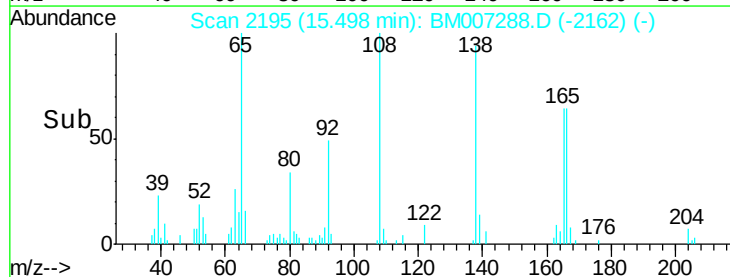
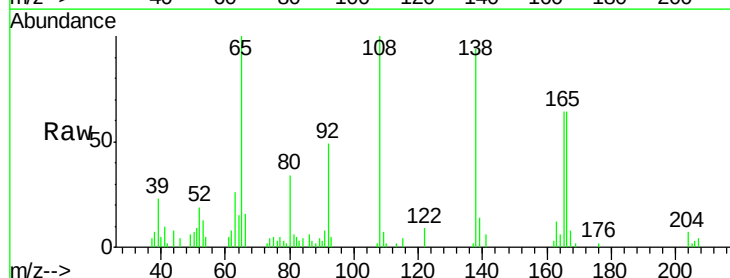
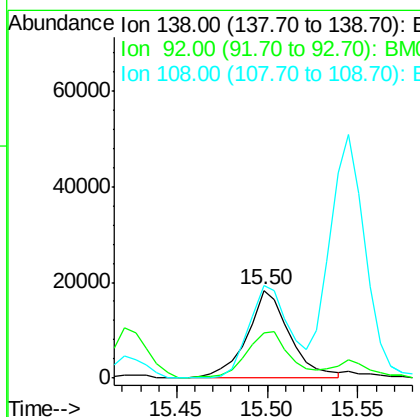
Manual Integrations
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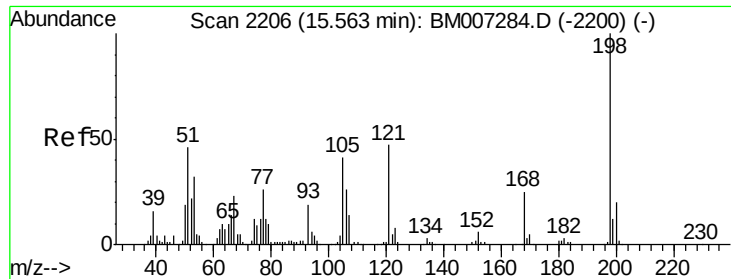
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#60
 4-Nitroaniline
 Concen: 2.11 ng/ul
 RT: 15.50 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BM007288.D
 Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	30074		
92	52.3	43.5	65.3	
108	106.1	80.3	120.5	





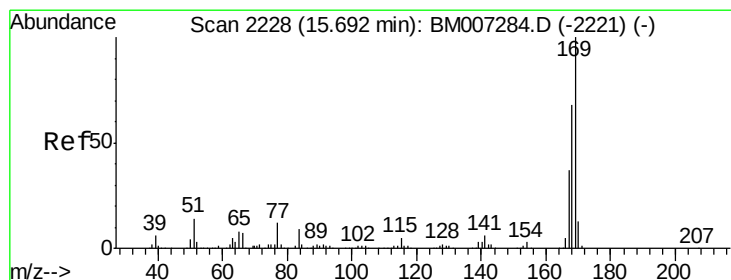
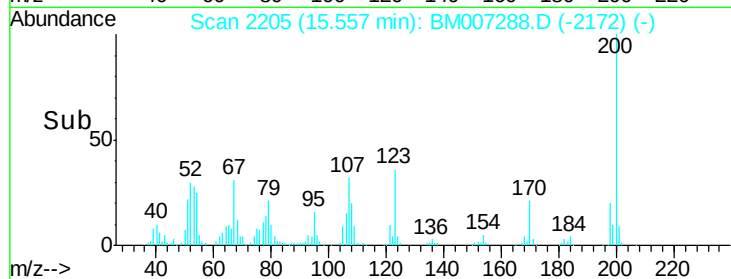
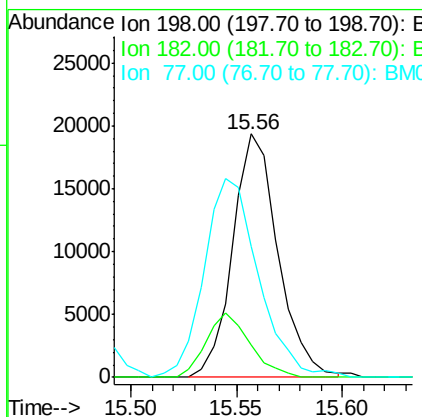
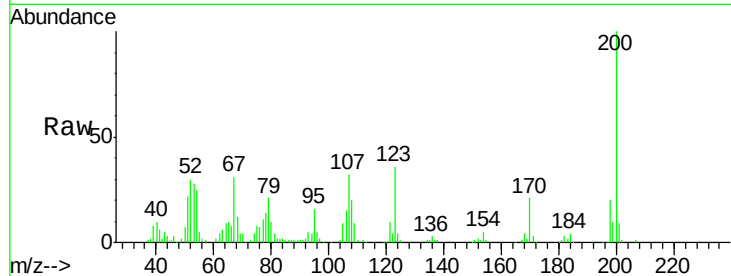
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.17 ng/ul
 RT: 15.56 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM007288.D
 Acq: 24 Aug 2016 22:14

Instrument :
 BNA_M
 ClientSampled :
 MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	28794		
182	13.1	3.3	4.9#	
77	53.6	21.8	32.6#	

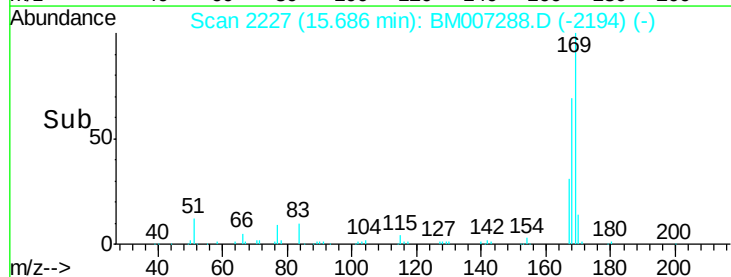
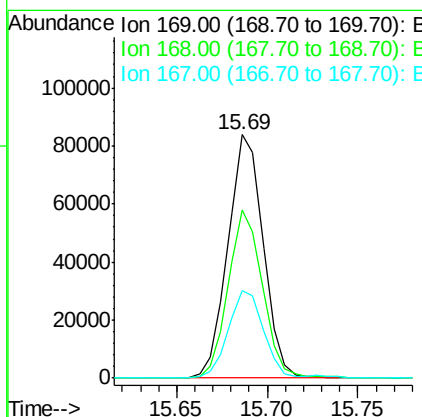
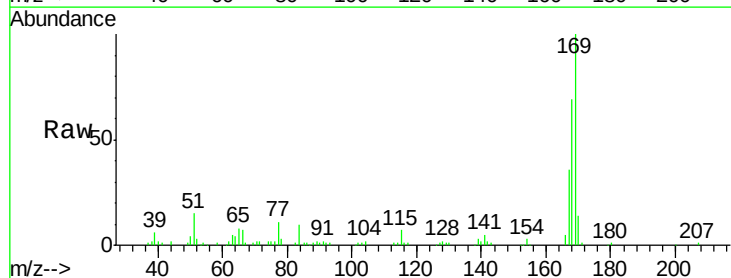
Manual Integrations
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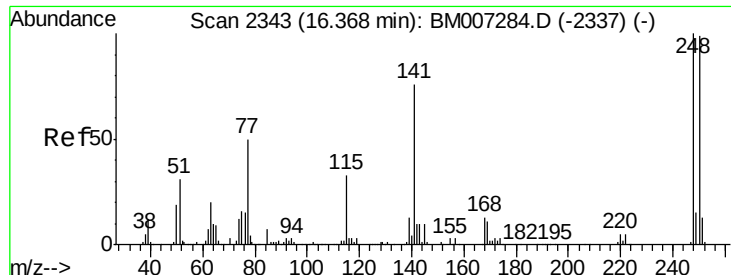
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#64
 N-Nitrosodiphenylamine
 Concen: 2.07 ng/ul
 RT: 15.69 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BM007288.D
 Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	113848		
168	69.2	52.6	79.0	
167	36.1	28.6	43.0	





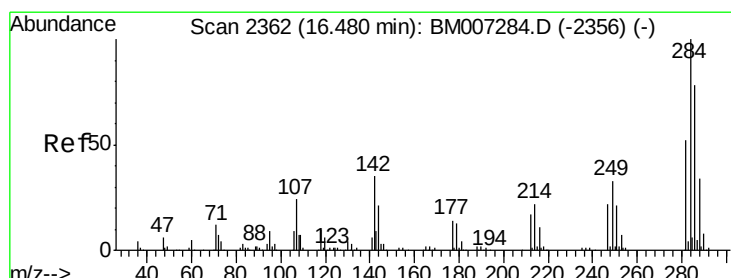
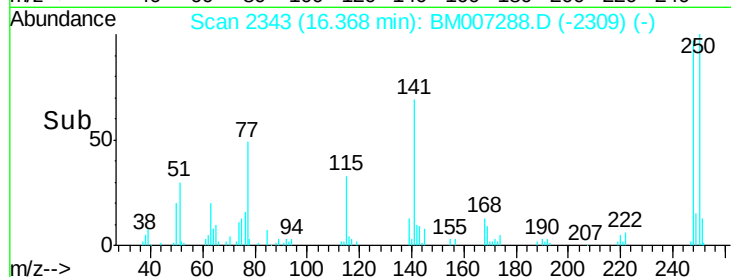
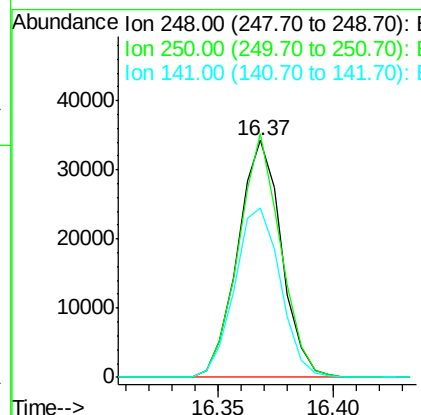
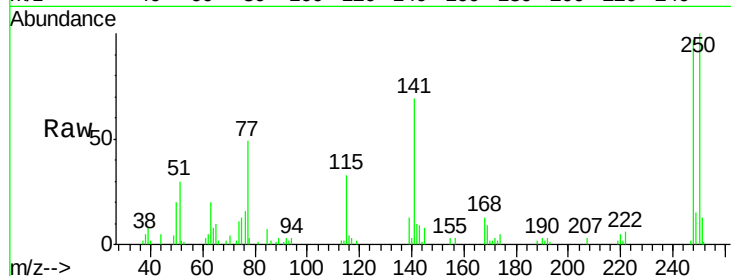
#65
4-Bromophenyl-phenylether
Concen: 2.03 ng/ul
RT: 16.37 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
248	100		
250	102.7	79.7	119.5
141	71.3	58.3	87.5

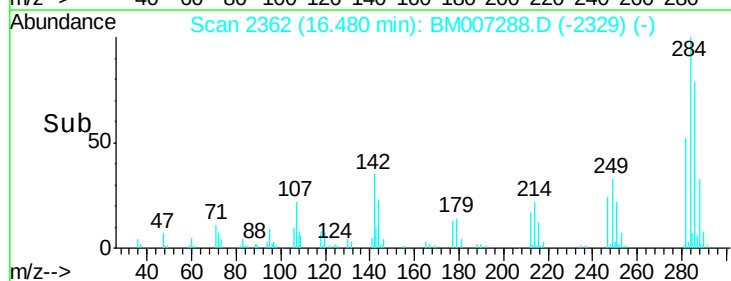
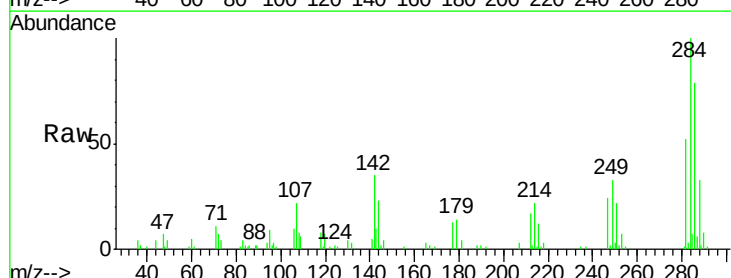
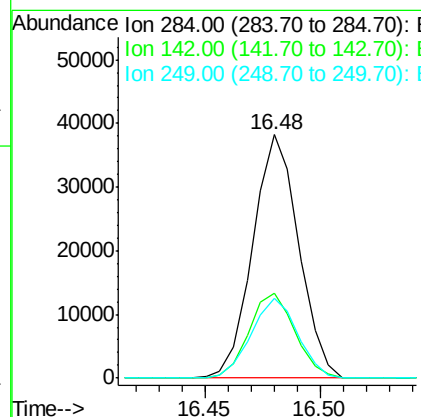
Manual Integrations
APPROVED

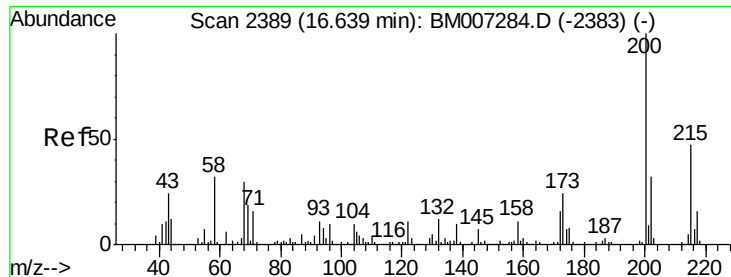
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#66
Hexachlorobenzene
Concen: 2.12 ng/ul
RT: 16.48 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	24.9	37.3
249	33.0	25.5	38.3





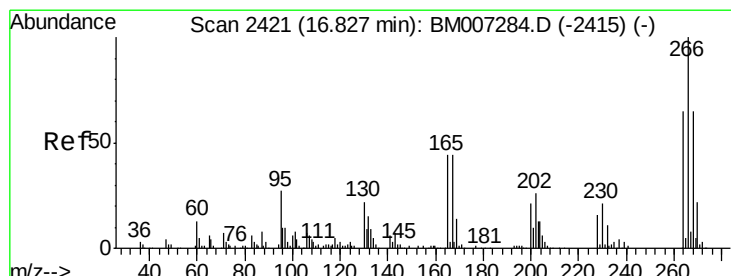
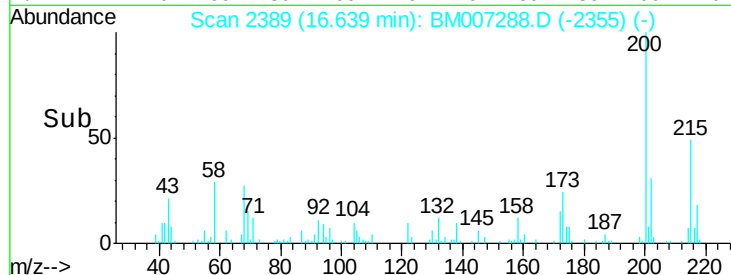
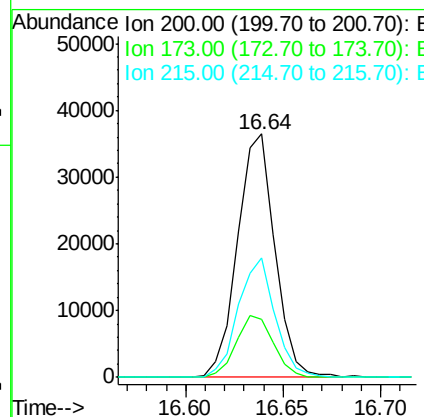
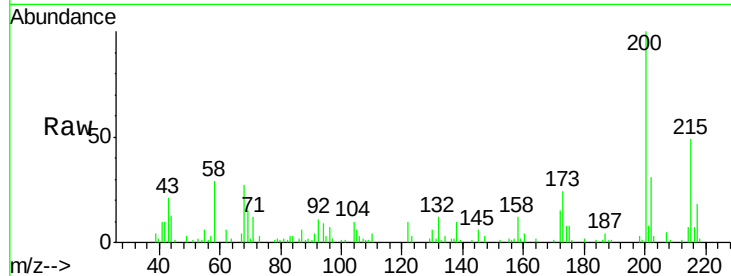
#67
 Atrazine
 Concen: 2.08 ng/ul
 RT: 16.64 min Scan# 2389
 Delta R.T. 0.00 min
 Lab File: BM007288.D
 Acq: 24 Aug 2016 22:14

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.7	18.9	28.3
215	48.9	39.5	59.3

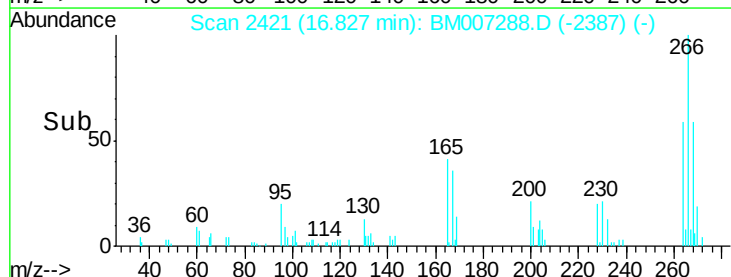
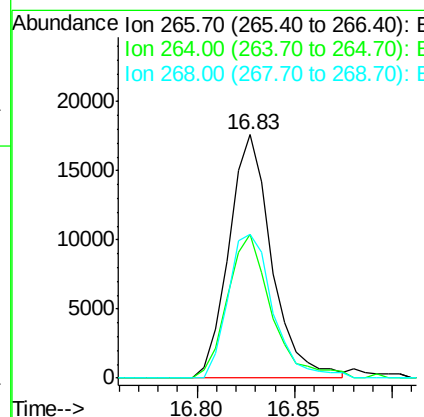
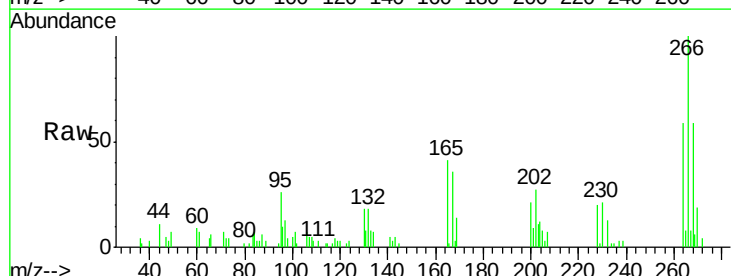
Manual Integrations
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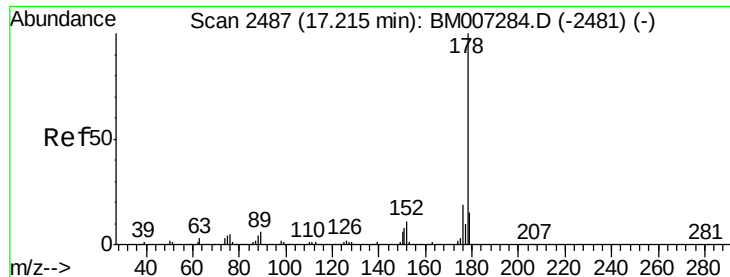
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#68
 Pentachlorophenol
 Concen: 1.66 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BM007288.D
 Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	59.2	50.6	75.8
268	59.2	51.0	76.6





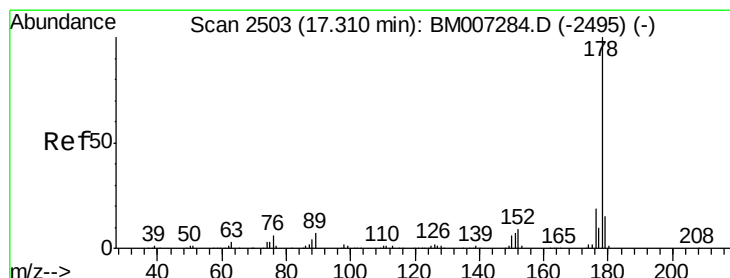
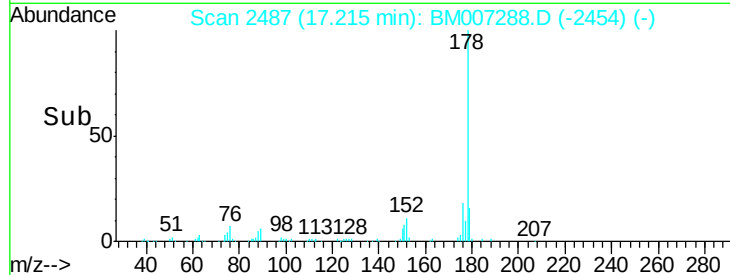
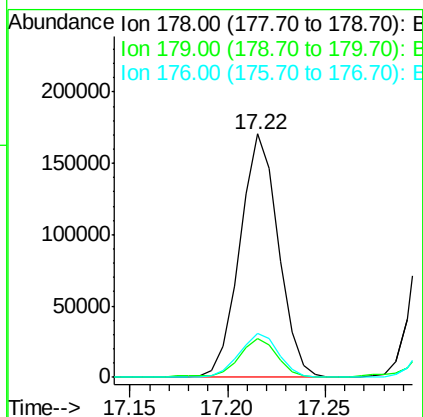
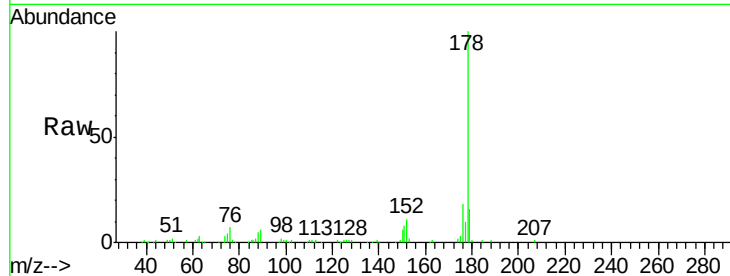
#69
Phenanthrene
Concen: 2.20 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	233600		
179	16.2	12.2	18.2	
176	18.3	15.1	22.7	

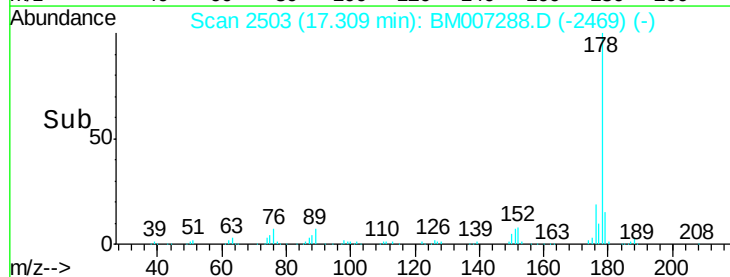
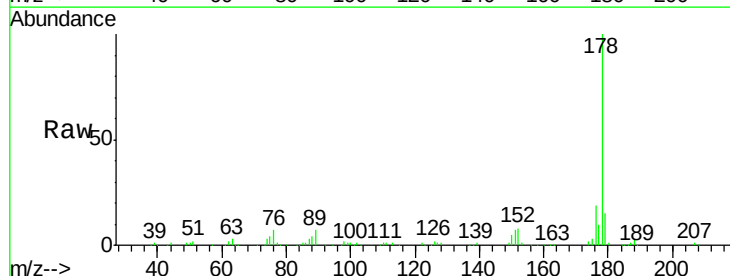
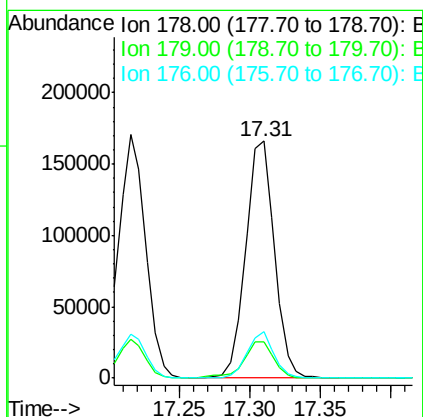
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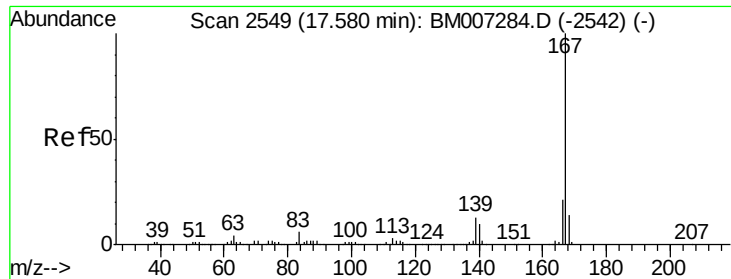
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#71
Anthracene
Concen: 2.17 ng/ul
RT: 17.31 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	237497		
179	15.2	12.1	18.1	
176	19.4	14.5	21.7	





#72

Carbazole

Concen: 2.22 ng/ul

RT: 17.58 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Instrument :

BNA_M

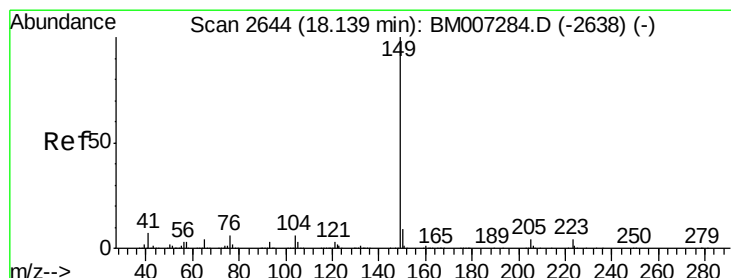
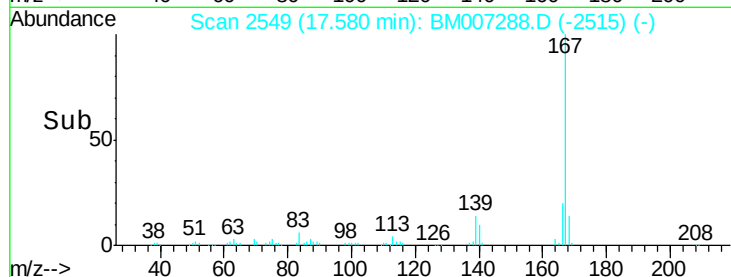
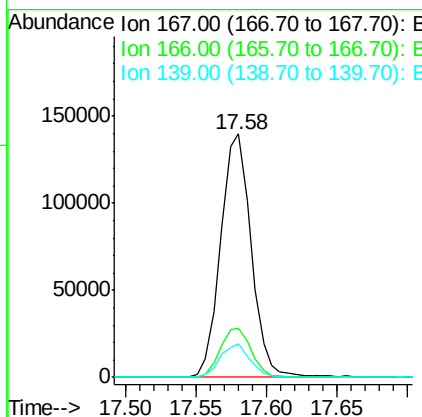
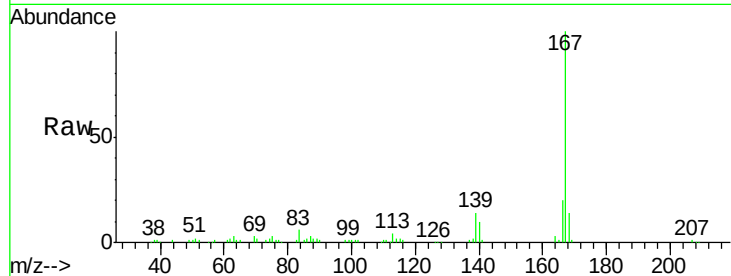
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	167	Resp:	211056
Ion Ratio		Lower	Upper
167	100		
166	20.3	16.6	25.0
139	13.6	10.2	15.4

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#73

Di-n-butylphthalate

Concen: 2.06 ng/ul

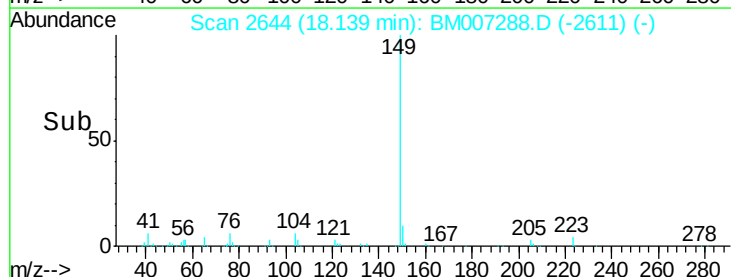
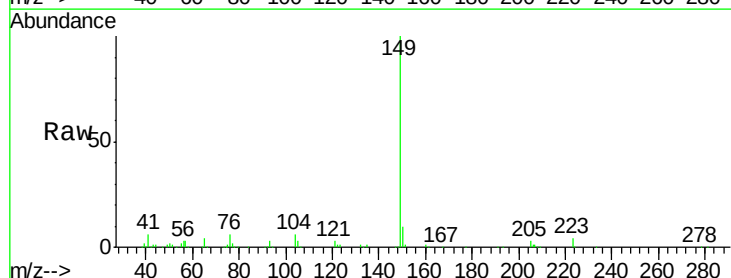
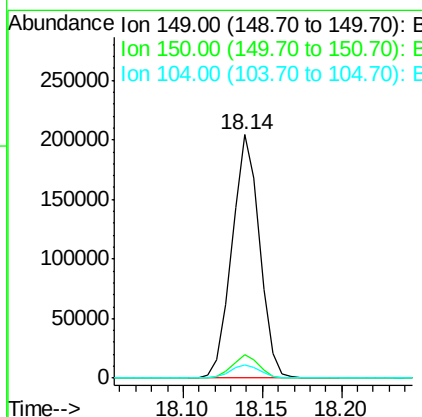
RT: 18.14 min Scan# 2644

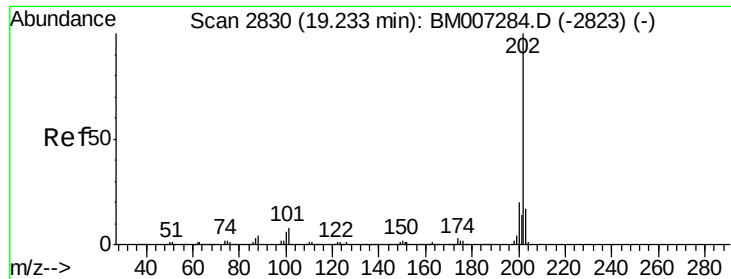
Delta R.T. -0.01 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Tgt Ion:	149	Resp:	246010
Ion Ratio		Lower	Upper
149	100		
150	9.8	7.6	11.4
104	5.7	4.6	7.0





#74

Fluoranthene

Concen: 2.41 ng/ul

RT: 19.23 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Instrument :

BNA_M

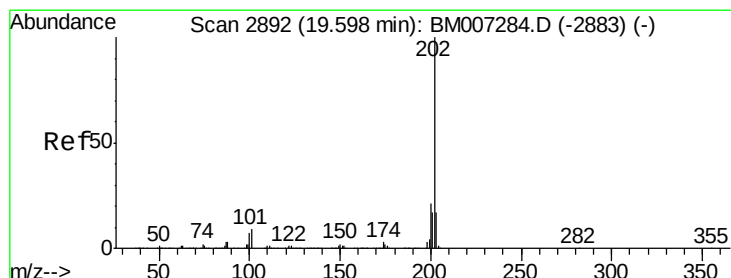
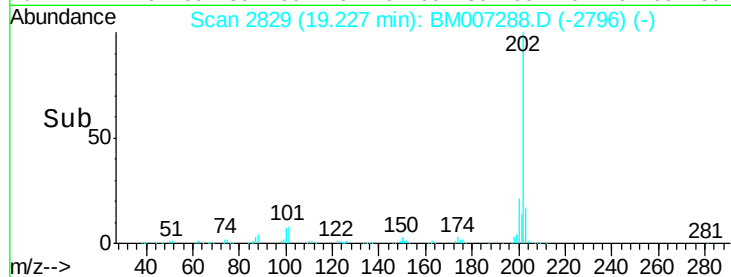
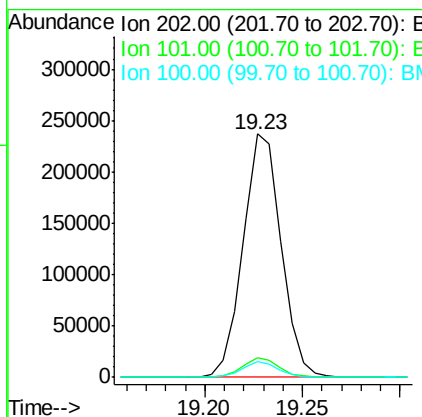
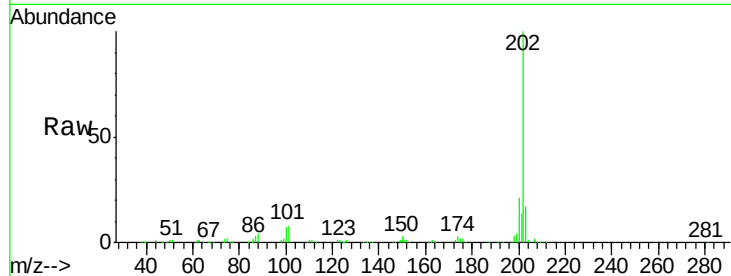
ClientSampleId :

MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	321022		
101	8.0	6.9	10.3	
100	6.7	5.4	8.0	

Manual Integrations
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#77

Pyrene

Concen: 2.16 ng/ul

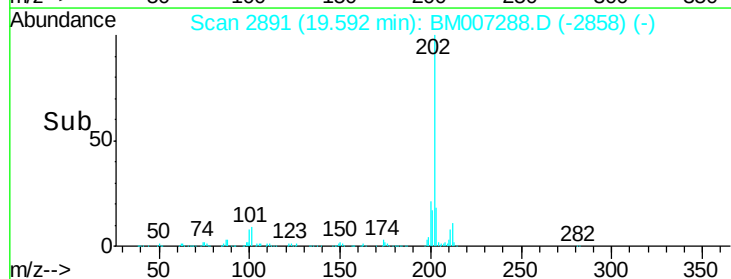
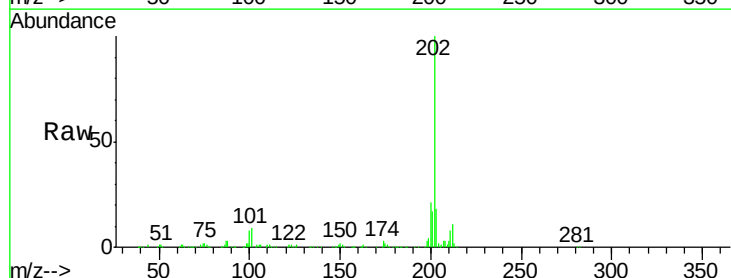
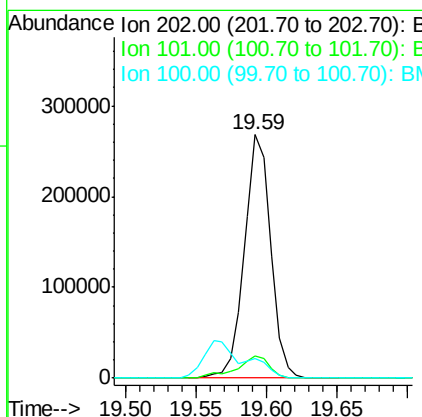
RT: 19.59 min Scan# 2891

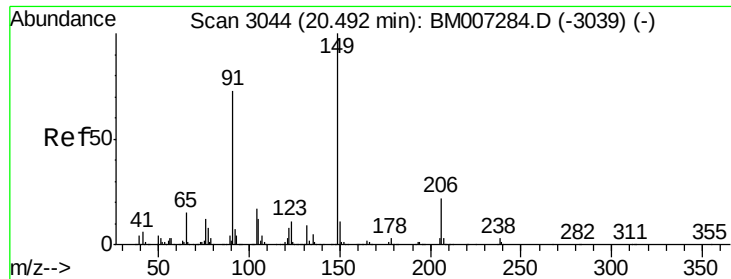
Delta R.T. -0.01 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	350455		
101	9.1	8.4	12.6	
100	8.0	6.9	10.3	





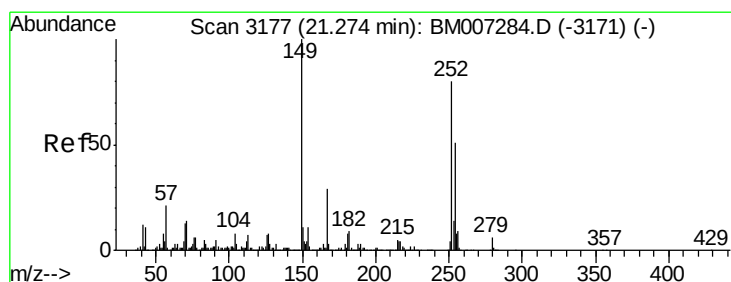
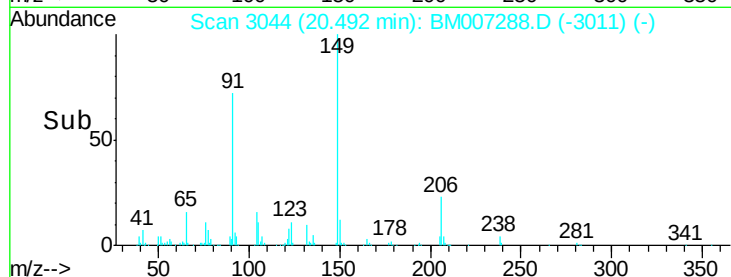
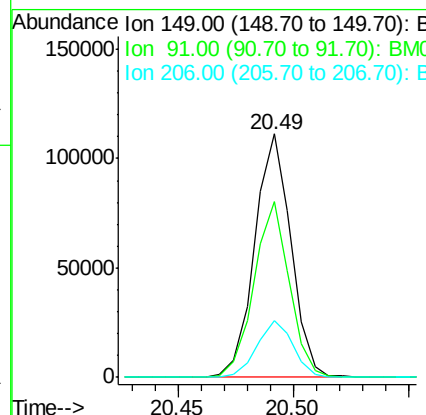
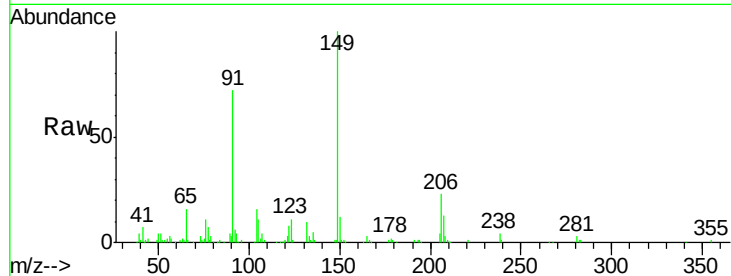
#78
Butylbenzylphthalate
Concen: 1.81 ng/ul
RT: 20.49 min Scan# 3044
Delta R.T. -0.01 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Instrument :
BNA_M
ClientSampled :
MDL-03-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	72.3	57.3	85.9
206	23.3	18.6	27.8

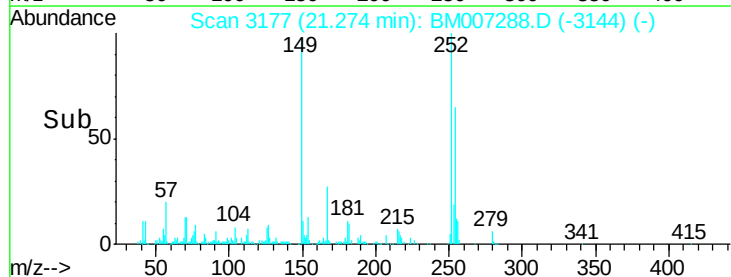
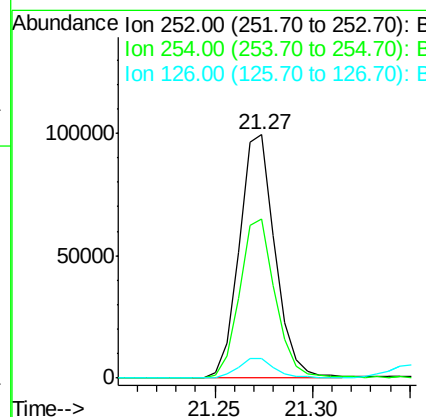
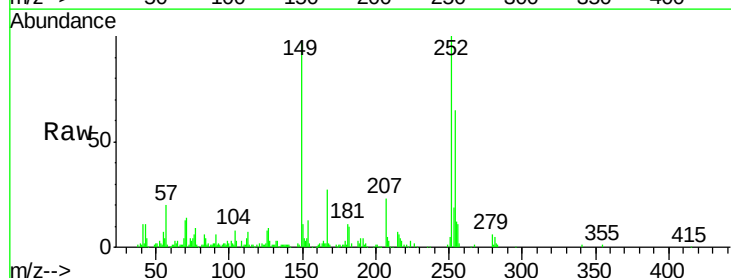
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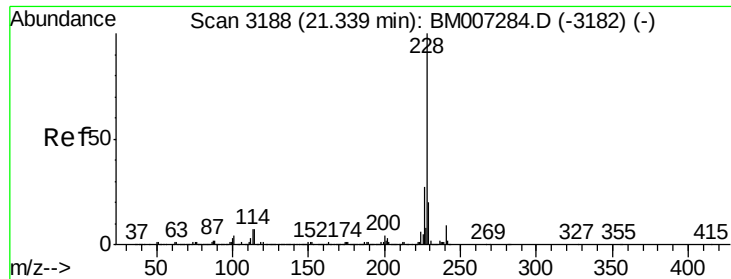
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#79
3,3'-Dichlorobenzidine
Concen: 2.11 ng/ul
RT: 21.27 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.2	51.0	76.4
126	8.0	7.1	10.7





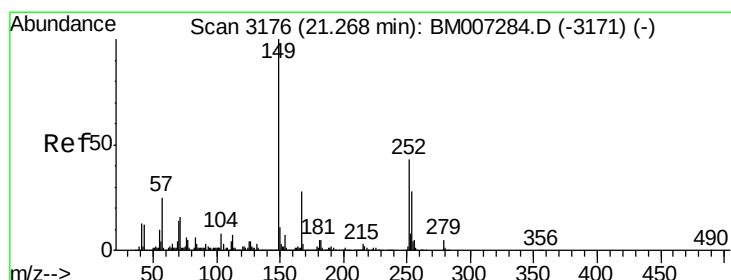
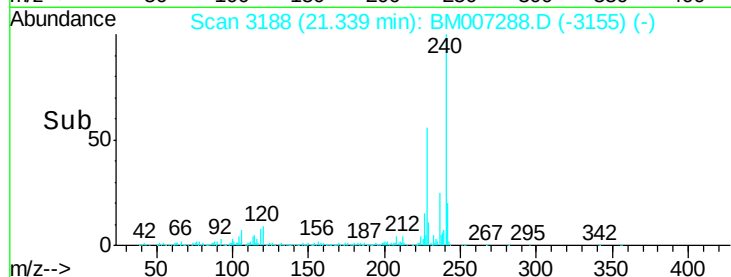
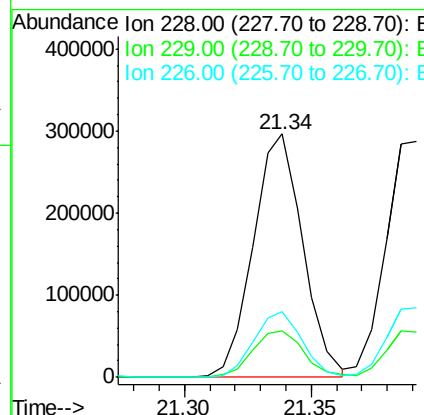
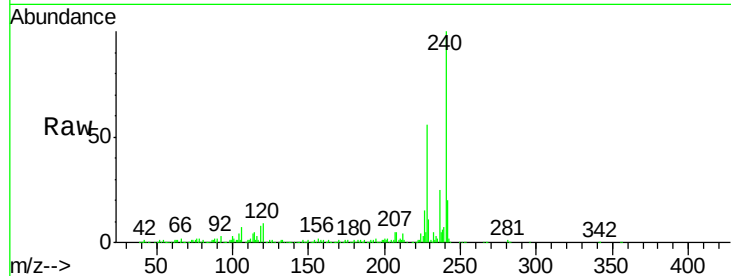
#80
Benzo(a)anthracene
Concen: 2.27 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.6	23.4
226	27.1	21.8	32.8

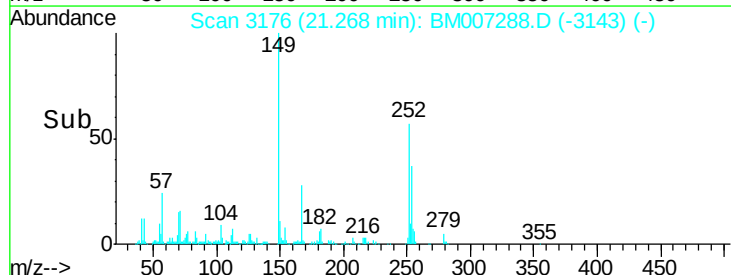
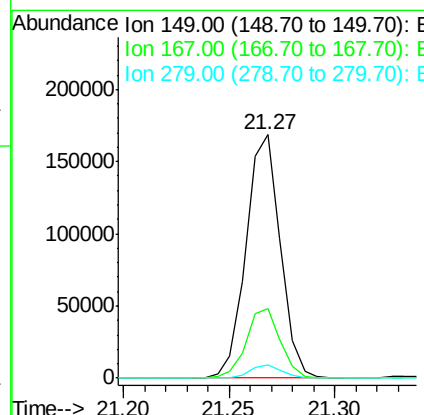
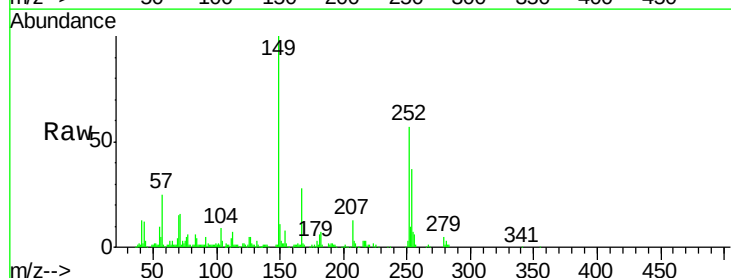
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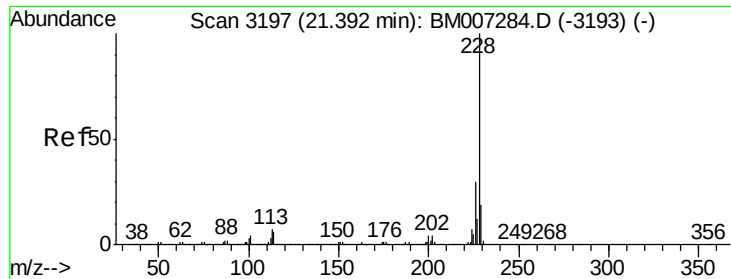
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#81
Bis(2-ethylhexyl)phthalate
Concen: 1.94 ng/ul
RT: 21.27 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.2	34.8
279	5.2	4.1	6.1





#82

Chrysene

Concen: 2.32 ng/ul

RT: 21.39 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Instrument :

BNA_M

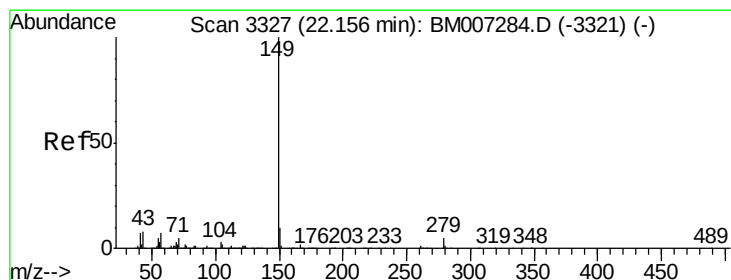
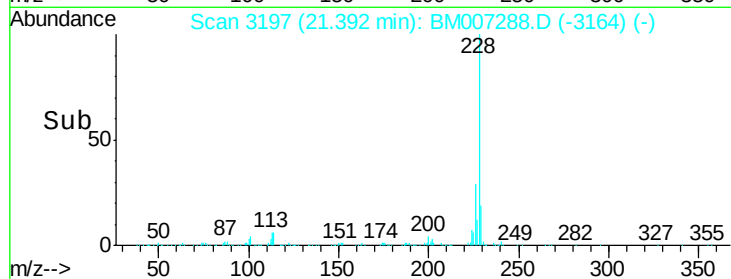
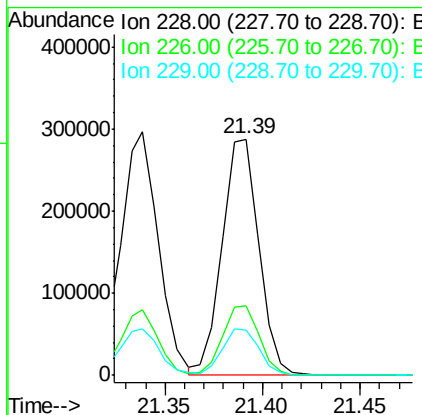
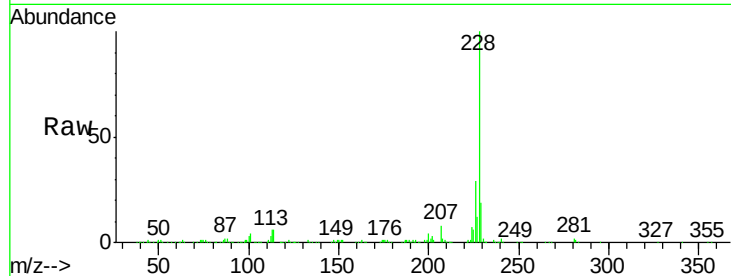
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	228	Resp:	374028
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.4	35.2
229	19.1	15.5	23.3

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#84

Di-n-octyl phthalate

Concen: 1.97 ng/ul

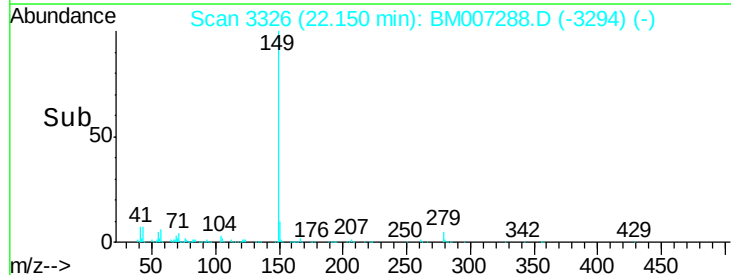
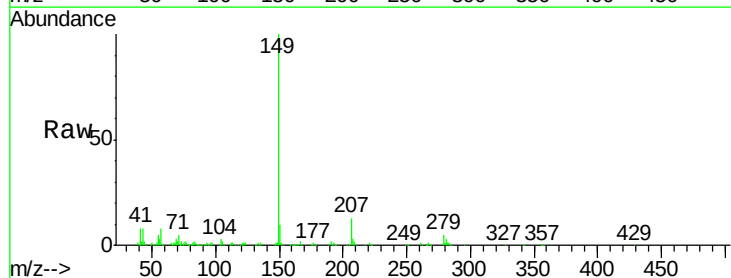
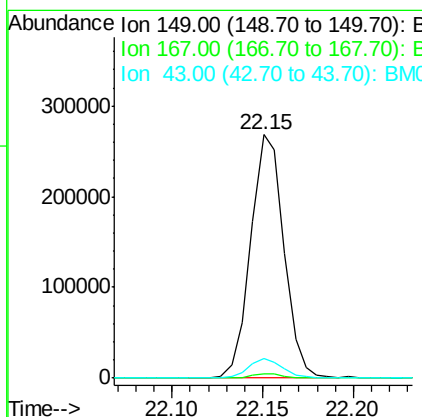
RT: 22.15 min Scan# 3326

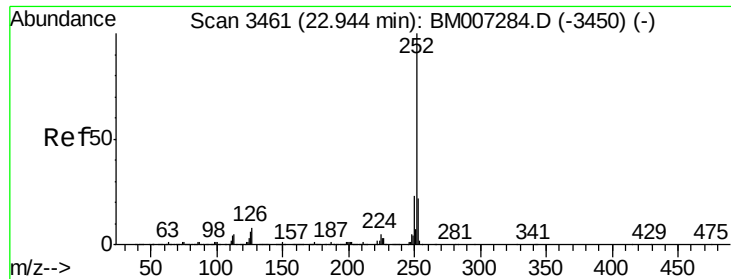
Delta R.T. -0.01 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Tgt Ion:	149	Resp:	339559
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.1	6.6	10.0





#85

Benzo(b)fluoranthene

Concen: 2.27 ng/ul

RT: 22.94 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Instrument :

BNA_M

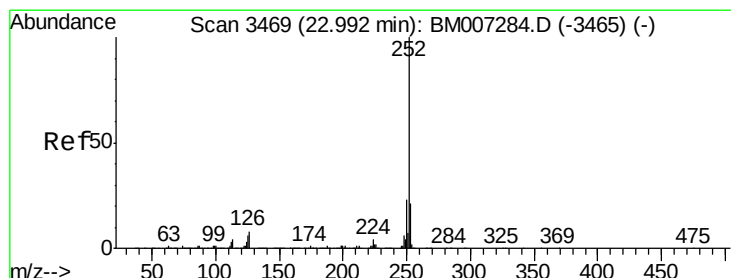
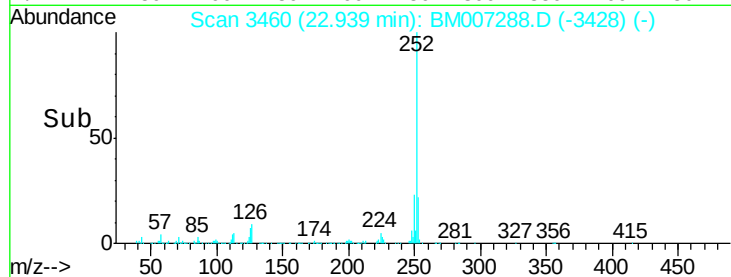
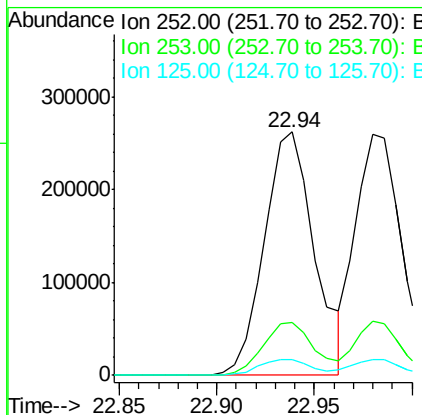
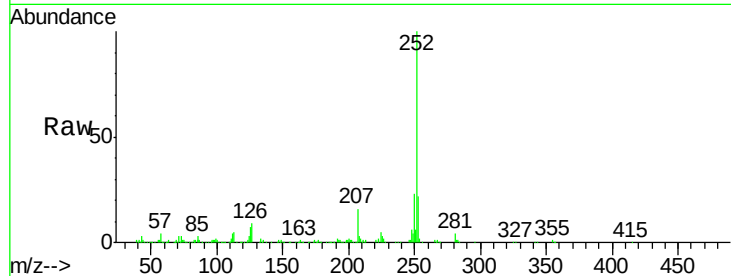
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	252	Resp:	465711
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.1	25.7
125	6.6	5.8	8.8

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 2.24 ng/ul

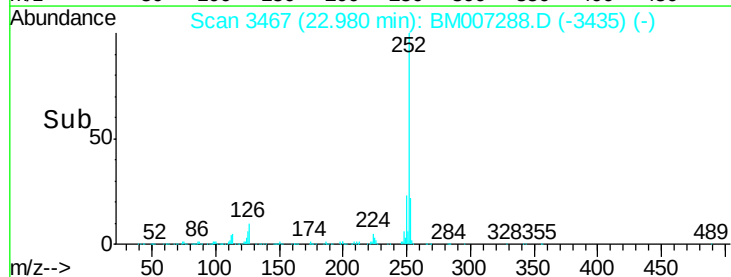
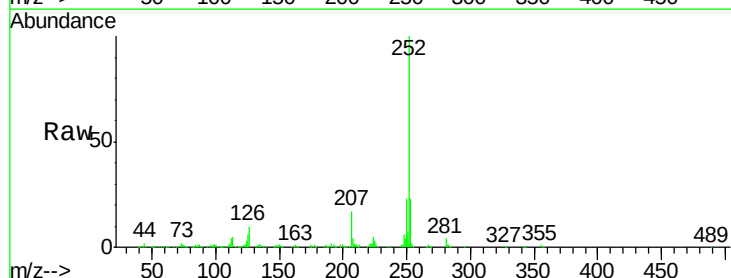
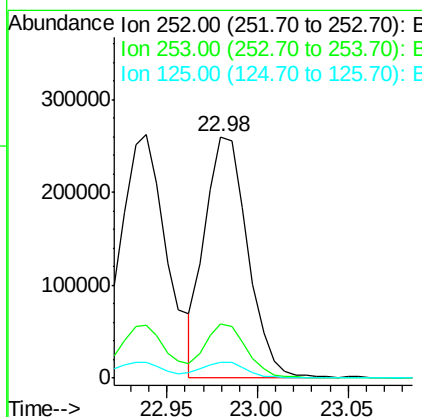
RT: 22.98 min Scan# 3467

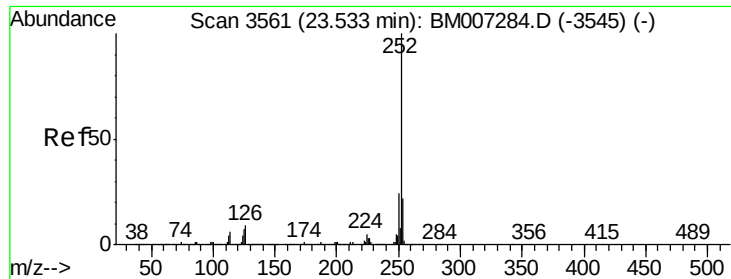
Delta R.T. -0.01 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Tgt Ion:	252	Resp:	423711
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.6	26.4
125	6.5	5.7	8.5





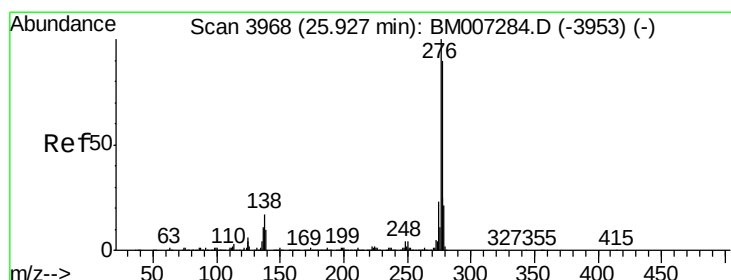
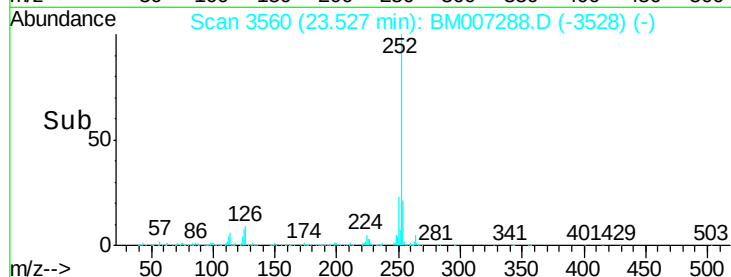
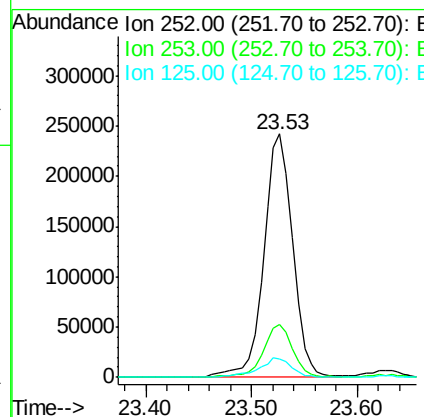
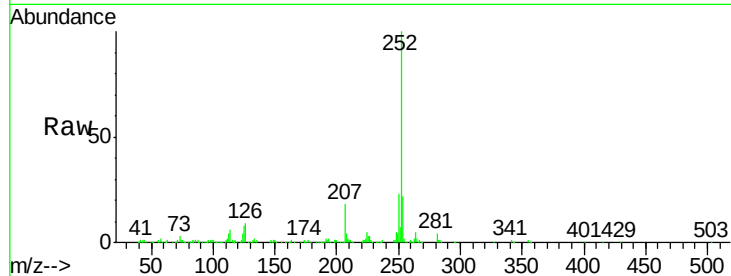
#88
Benzo(a)pyrene
Concen: 2.35 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	460434		
253	21.6	17.7	26.5	
125	7.7	6.6	9.8	

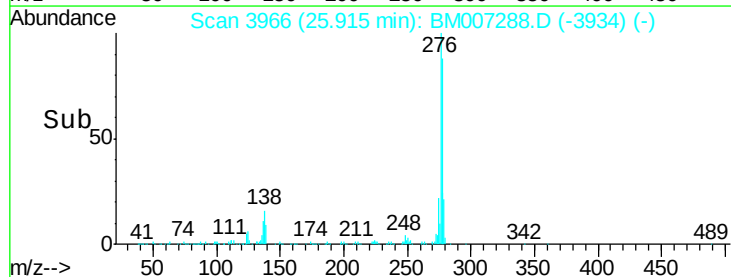
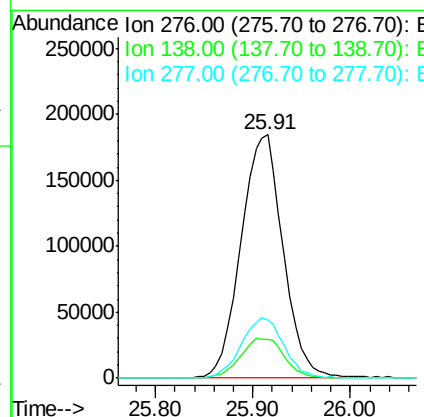
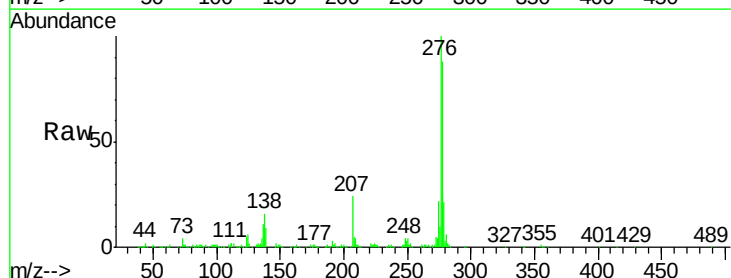
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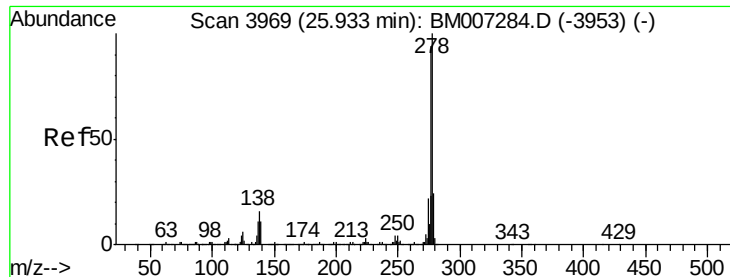
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.31 ng/ul
RT: 25.91 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BM007288.D
Acq: 24 Aug 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	555242		
138	16.2	13.9	20.9	
277	23.9	20.1	30.1	





#90

Dibenzo(a,h)anthracene

Concen: 2.33 ng/ul

RT: 25.92 min Scan# 3967

Delta R.T. -0.02 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Instrument :

BNA_M

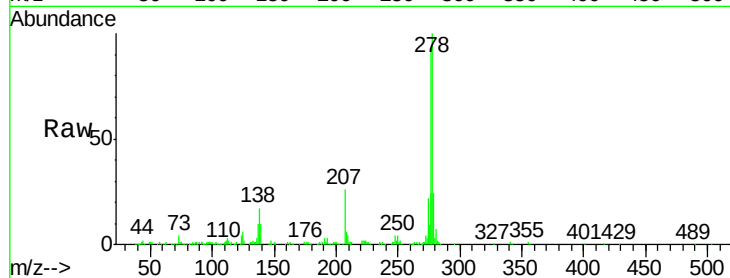
ClientSampleId :

MDL-03-S-ML

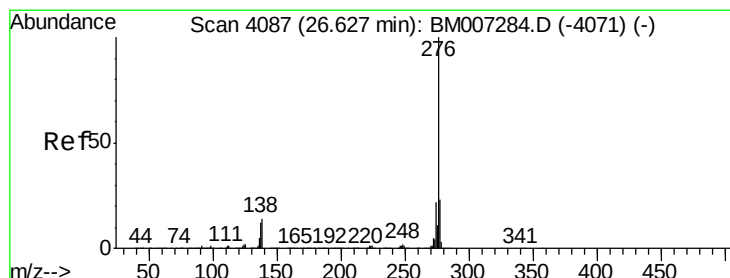
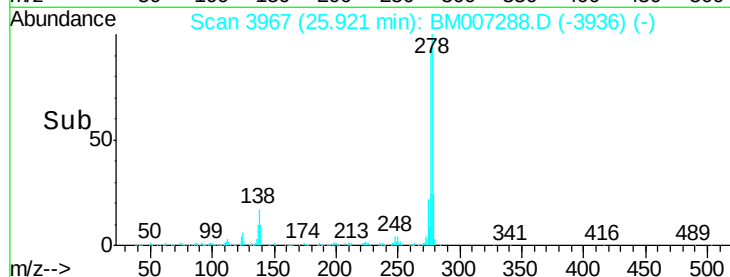
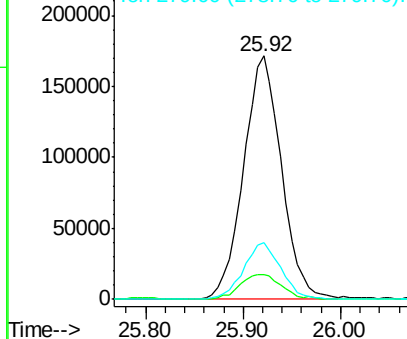
Tgt Ion:	278	Resp:	466249
Ion Ratio	Lower	Upper	
278	100		
139	10.4	9.5	14.3
279	23.5	19.1	28.7

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.28 ng/ul

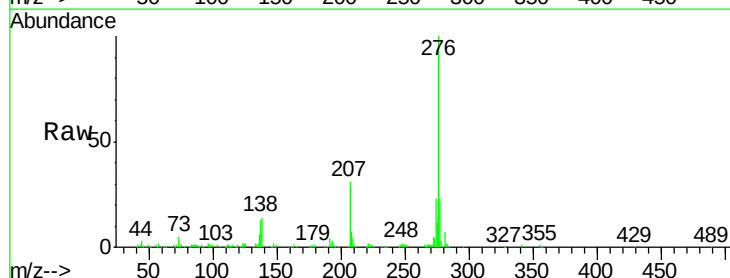
RT: 26.61 min Scan# 4084

Delta R.T. -0.02 min

Lab File: BM007288.D

Acq: 24 Aug 2016 22:14

Tgt Ion:	276	Resp:	466376
Ion Ratio	Lower	Upper	
276	100		
138	13.8	13.5	20.3
277	23.2	19.3	28.9



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

