

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
 Data File : BM007286.D
 Acq On : 24 Aug 2016 21:01
 Operator : UM/SJ
 Sample : MDL-01-S-ML
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S-ML

Manual Integrations
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 8/25/2016 6:31:27 PM

Quant Time: Aug 25 10:20:10 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	238225	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1196613	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	881832	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2441235	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	3646477	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	4091321	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	10455	2.24	ng/uL	0.00
5) Phenol-d5	6.96	99	452122	20.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	264145	22.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	353766	21.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	397938	20.28	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	194295	22.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	228906	22.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	415653	20.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	590948	23.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1829786	24.05	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1984849	22.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	347962	24.23	ng/ul	0.00
57) Fluorene-d10	15.43	176	1516371	23.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	364049	23.72	ng/ul	0.00
70) Anthracene-d10	17.27	188	2693987	23.62	ng/ul	0.00
76) Pyrene-d10	19.57	212	3567196	23.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	4563986	24.22	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	2928m	0.56	ng/ul
4) Benzaldehyde	6.95	77	26803	2.09	ng/ul 96
6) Phenol	6.99	94	37472	1.61	ng/ul# 79
8) Bis(2-Chloroethyl)ether	7.23	93	30781	1.89	ng/ul 97
10) 2-Chlorophenol	7.37	128	28241	1.66	ng/ul 97
11) 2-Methylphenol	8.24	108	28672	1.57	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	33101	1.81	ng/ul 96
14) Acetophenone	8.62	105	55404	1.84	ng/ul 94
15) N-Nitroso-di-n-propylamine	8.60	70	27806	1.74	ng/ul 96
16) 4-Methylphenol	8.56	108	32878	1.61	ng/ul 94
17) Hexachloroethane	8.87	117	11790	1.78	ng/ul 90
20) Nitrobenzene	9.00	77	39622	1.76	ng/ul 99
21) Isophorone	9.52	82	78929	1.72	ng/ul 97
23) 2-Nitrophenol	9.70	139	18837	1.69	ng/ul# 85
24) 2,4-Dimethylphenol	9.76	107	40930	1.66	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.00	93	44704	1.73	ng/ul# 96
27) 2,4-Dichlorophenol	10.23	162	33445	1.65	ng/ul# 79
28) Naphthalene	10.64	128	104812	1.76	ng/ul 98
30) 4-Chloroaniline	10.75	127	47960	1.83	ng/ul 97
31) Hexachlorobutadiene	10.92	225	24800	1.81	ng/ul 96
32) Caprolactam	11.55	113	13954m	1.71	ng/ul
33) 4-Chloro-3-methylphenol	11.87	107	39481	1.57	ng/ul 99
34) 2-Methylnaphthalene	12.24	142	85124	1.75	ng/ul 99

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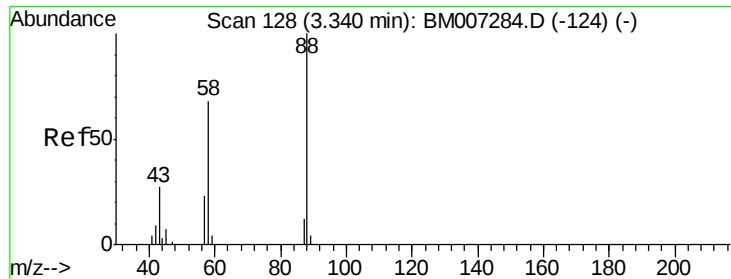
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	52158	1.78	ng/ul	98
37) Hexachlorocyclopentadiene	12.60	237	23807	1.34	ng/ul	97
38) 2,4,6-Trichlorophenol	12.86	196	31605	1.52	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	33561	1.55	ng/ul	94
40) 1,1'-Biphenyl	13.26	154	123052	1.80	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	92721	1.73	ng/ul	99
42) 2-Nitroaniline	13.51	65	27682	1.58	ng/ul	98
44) Dimethylphthalate	13.89	163	147774	1.95	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	25120	1.62	ng/ul	93
47) Acenaphthylene	14.15	152	163037	1.80	ng/ul	98
48) 3-Nitroaniline	14.34	138	25601	1.62	ng/ul#	88
49) Acenaphthene	14.49	153	106347	1.80	ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	12476	1.19	ng/ul	98
52) 4-Nitrophenol	14.64	109	31657	2.07	ng/ul	93
53) Dibenzofuran	14.83	168	163517	1.85	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	44371	1.87	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.06	232	39512	1.78	ng/ul	96
56) Diethylphthalate	15.26	149	152747	1.93	ng/ul	99
58) Fluorene	15.48	166	138165	1.90	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	73048	1.92	ng/ul	97
60) 4-Nitroaniline	15.50	138	32200	1.79	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.56	198	31774	1.94	ng/ul#	39
64) N-Nitrosodiphenylamine	15.69	169	128867	1.89	ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	49888	1.81	ng/ul	97
66) Hexachlorobenzene	16.48	284	58356	1.89	ng/ul	94
67) Atrazine	16.63	200	54100	1.88	ng/ul	97
68) Pentachlorophenol	16.83	266	30397	1.53	ng/ul	93
69) Phenanthrene	17.22	178	247627	1.89	ng/ul	98
71) Anthracene	17.31	178	259447	1.92	ng/ul	98
72) Carbazole	17.58	167	234070	1.99	ng/ul	100
73) Di-n-butylphthalate	18.14	149	266891	1.80	ng/ul	99
74) Fluoranthene	19.23	202	350333	2.13	ng/ul	99
77) Pyrene	19.60	202	383835	1.96	ng/ul	96
78) Butylbenzylphthalate	20.49	149	128074	1.57	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	136654	1.89	ng/ul	99
80) Benzo(a)anthracene	21.34	228	437501	2.04	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	199572	1.69	ng/ul	99
82) Chrysene	21.39	228	397192	2.04	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	352684	1.73	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	471920	1.95	ng/ul	97
86) Benzo(k)fluoranthene	22.99	252	454860	2.03	ng/ul	98
88) Benzo(a)pyrene	23.53	252	481589	2.08	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	576727	2.03	ng/ul	98
90) Dibenzo(a,h)anthracene	25.93	278	484275	2.05	ng/ul	97
91) Benzo(g,h,i)perylene	26.61	276	481783	2.00	ng/ul	97

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



#2

1,4-Dioxane

Concen: 0.56 ng/uL m

RT: 3.35 min Scan# 129

Delta R.T. -0.00 min

Lab File: BM007286.D

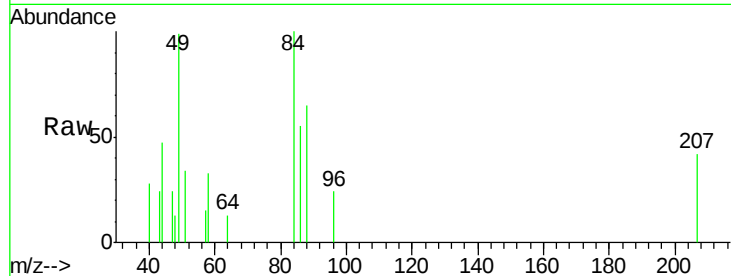
Acq: 24 Aug 2016 21:01

Instrument :

BNA_M

ClientSampleId :

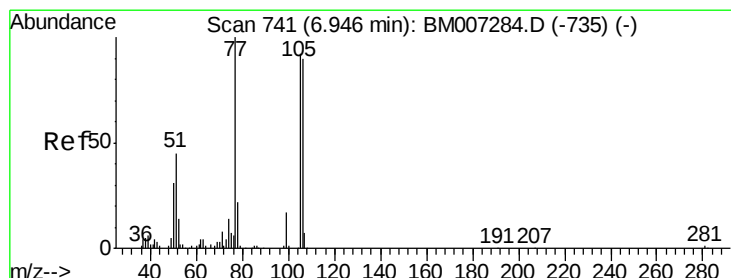
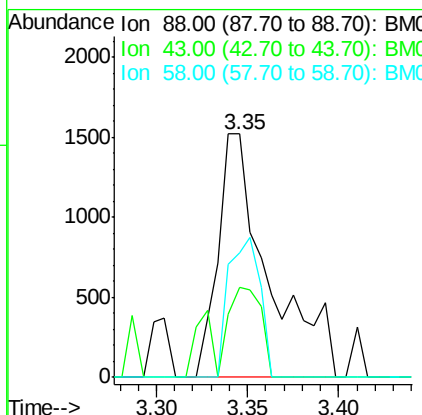
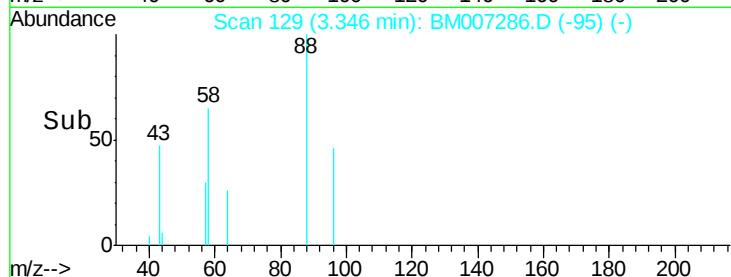
MDL-01-S-ML



Tgt Ion	88	Resp:	2928
Ion	Ratio	Lower	Upper
88	100		
43	23.3	22.6	34.0
58	35.1	57.3	85.9#

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#4

Benzaldehyde

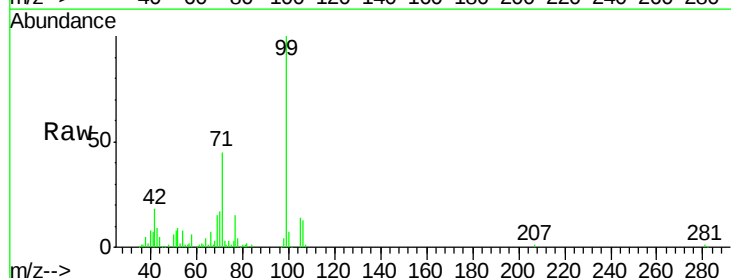
Concen: 2.09 ng/uL

RT: 6.95 min Scan# 742

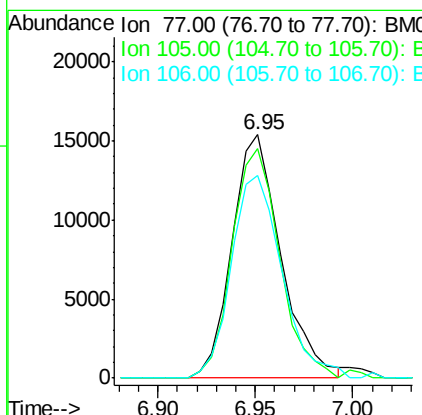
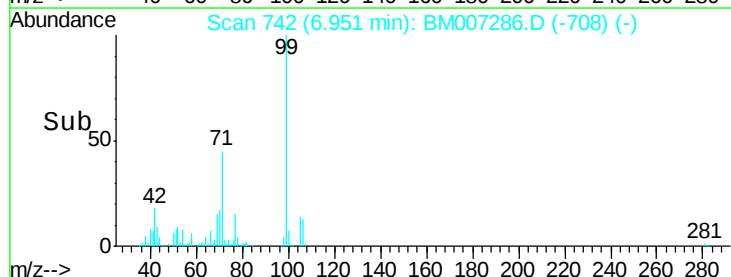
Delta R.T. -0.00 min

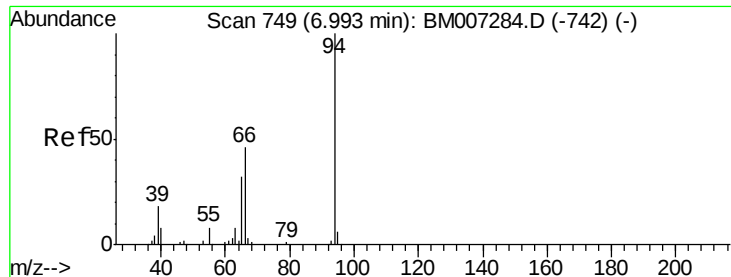
Lab File: BM007286.D

Acq: 24 Aug 2016 21:01



Tgt Ion	77	Resp:	26803
Ion	Ratio	Lower	Upper
77	100		
105	94.5	76.9	115.3
106	83.4	71.8	107.8





#6

Phenol

Concen: 1.61 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007286.D

Acq: 24 Aug 2016 21:01

Instrument :

BNA_M

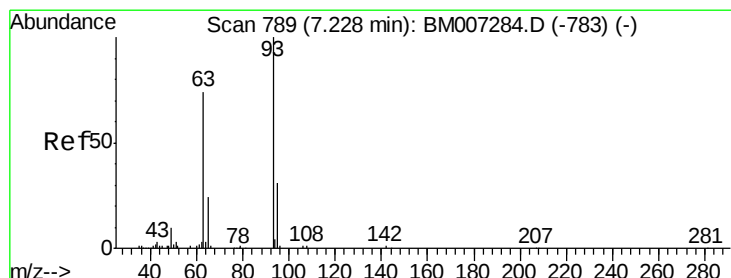
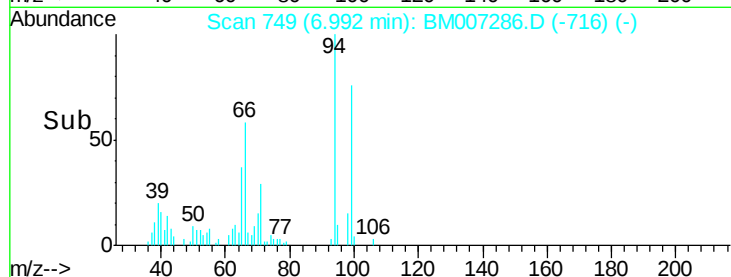
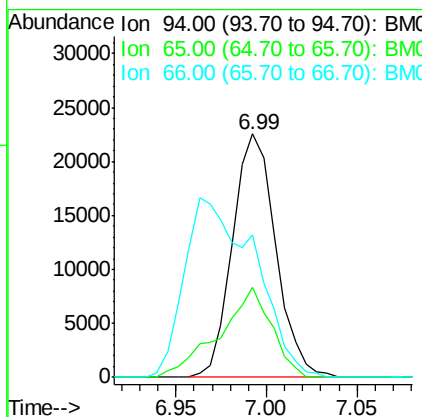
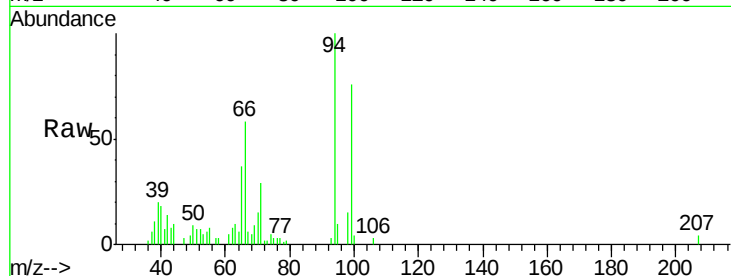
ClientSampleId :

MDL-01-S-ML

Tgt Ion:	94	Resp:	37472
Ion	Ratio	Lower	Upper
94	100		
65	36.8	23.9	35.9#
66	58.5	33.5	50.3#

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#8

Bis(2-Chloroethyl)ether

Concen: 1.89 ng/ul

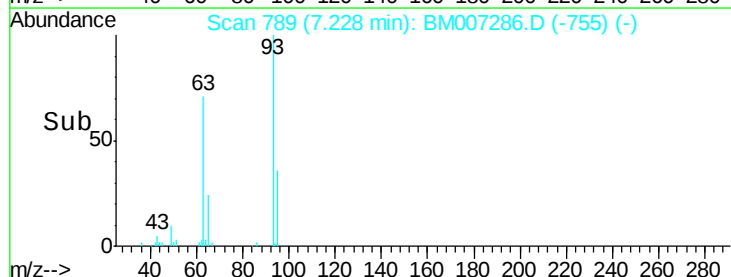
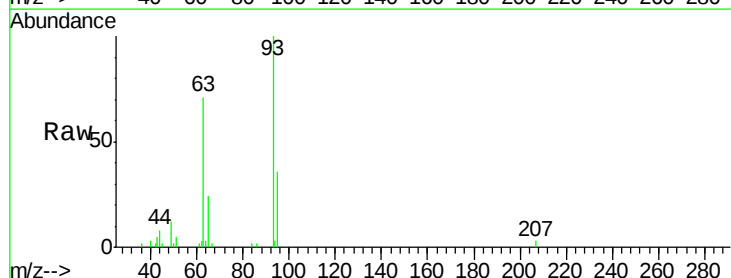
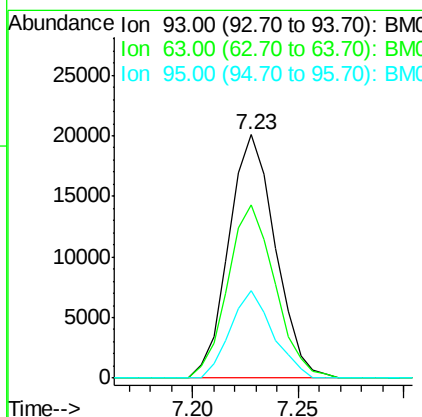
RT: 7.23 min Scan# 789

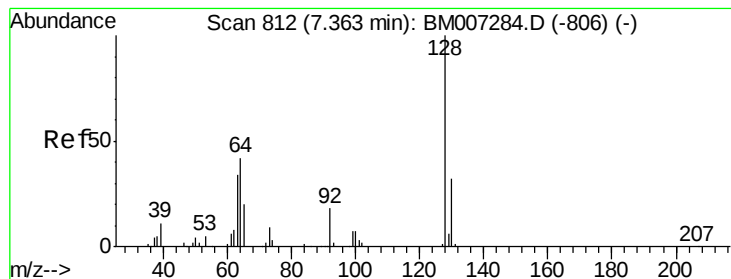
Delta R.T. -0.00 min

Lab File: BM007286.D

Acq: 24 Aug 2016 21:01

Tgt Ion:	93	Resp:	30781
Ion	Ratio	Lower	Upper
93	100		
63	71.0	57.3	85.9
95	35.7	25.1	37.7





#10

2-Chlorophenol

Concen: 1.66 ng/ul

RT: 7.37 min Scan# 813

Delta R.T. -0.00 min

Lab File: BM007286.D

Acq: 24 Aug 2016 21:01

Instrument :

BNA_M

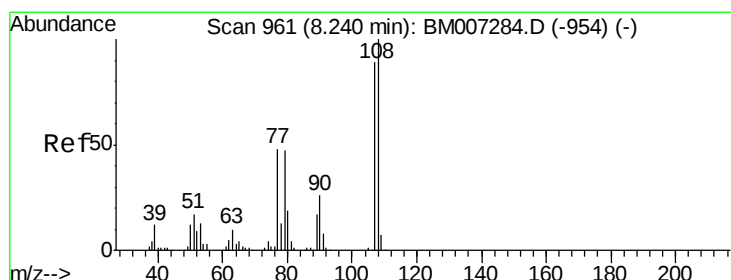
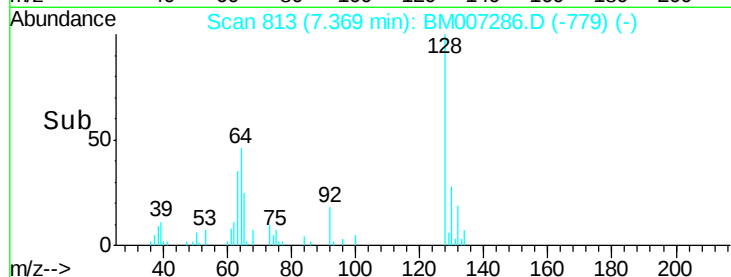
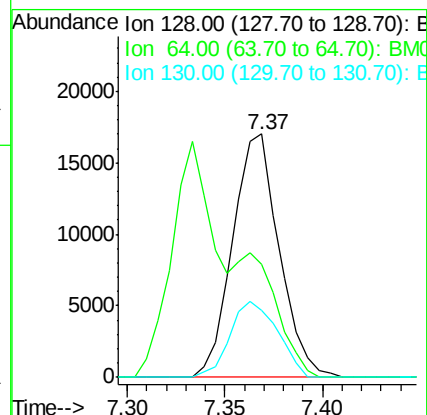
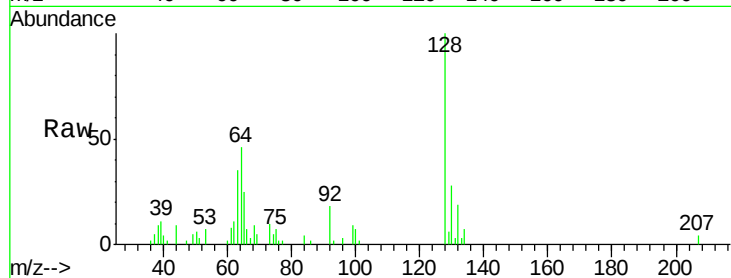
ClientSampleId :

MDL-01-S-ML

Tgt Ion:	128	Resp:	28241
Ion Ratio	Lower	Upper	
128	100		
64	46.2	37.5	56.3
130	27.8	25.0	37.4

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#11

2-Methylphenol

Concen: 1.57 ng/ul

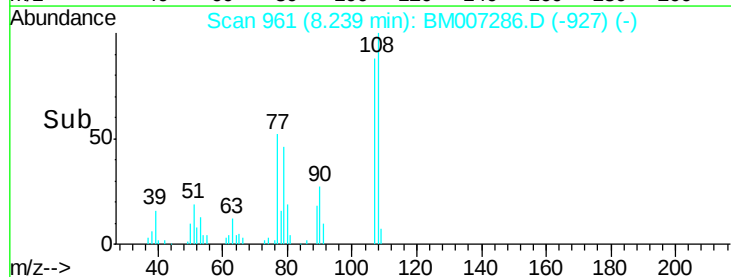
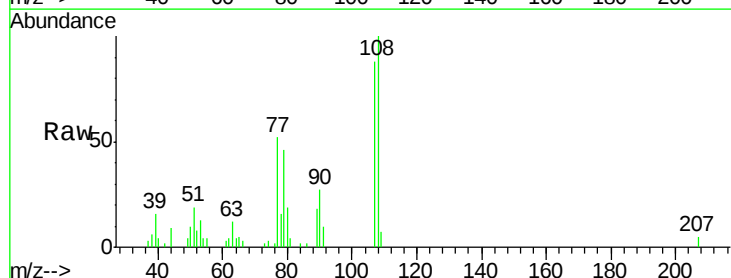
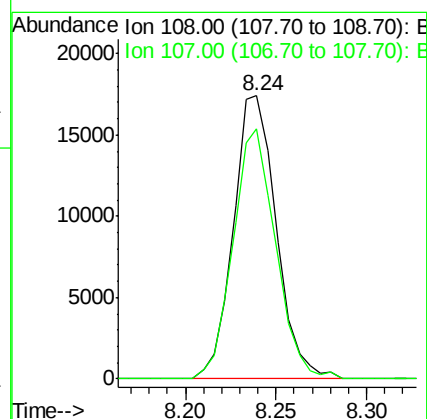
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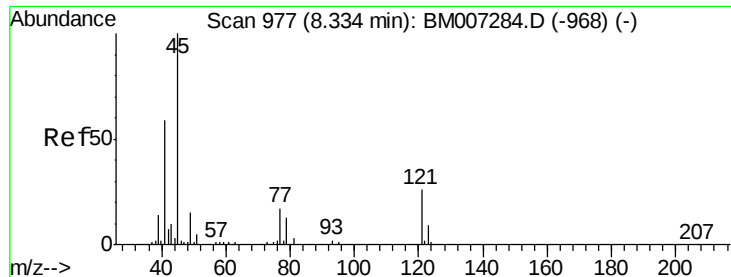
Delta R.T. -0.00 min

Lab File: BM007286.D

Acq: 24 Aug 2016 21:01

Tgt Ion:	108	Resp:	28672
Ion Ratio	Lower	Upper	
108	100		
107	88.2	71.8	107.6





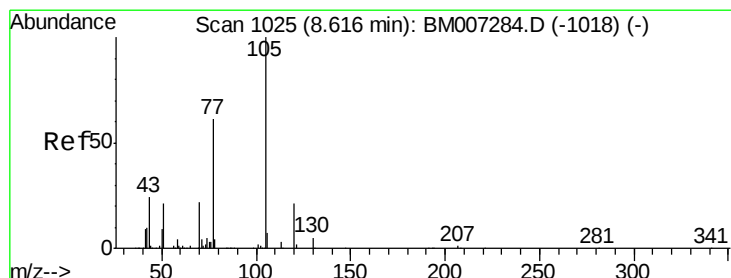
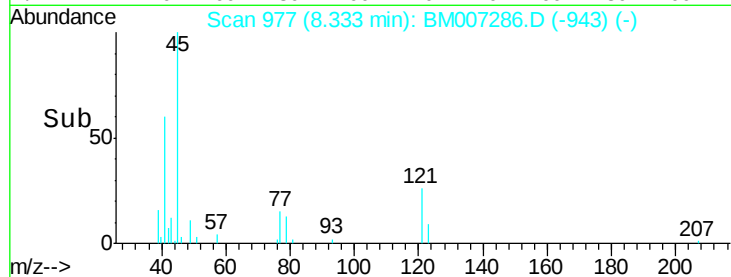
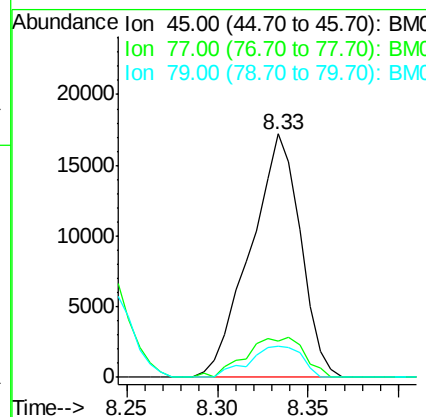
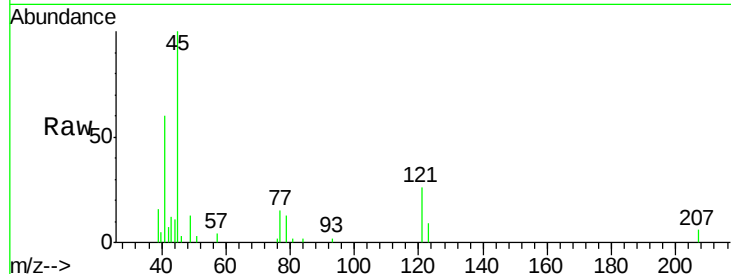
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 1.81 ng/ul
 RT: 8.33 min Scan# 977
 Delta R.T. -0.00 min
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	14.1	21.1
79	12.6	10.4	15.6

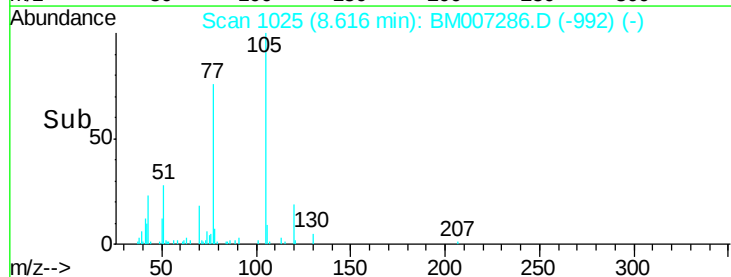
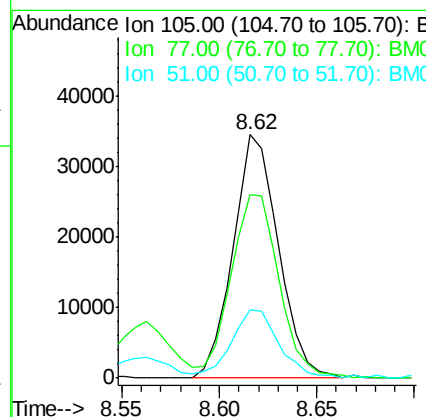
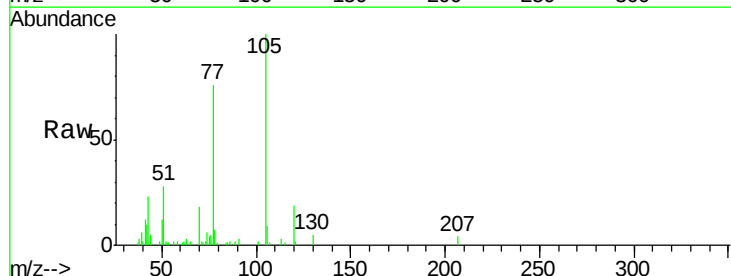
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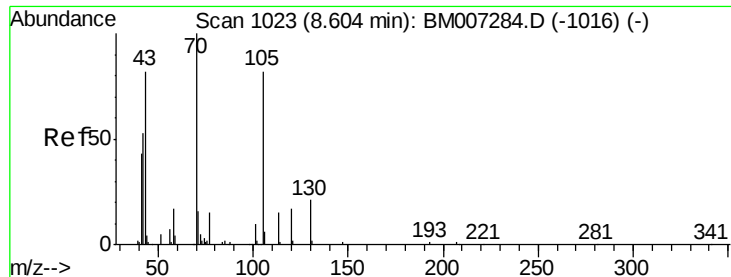
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#14
 Acetophenone
 Concen: 1.84 ng/ul
 RT: 8.62 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Lower	Upper
105	100		
77	75.5	65.9	98.9
51	28.0	22.2	33.2





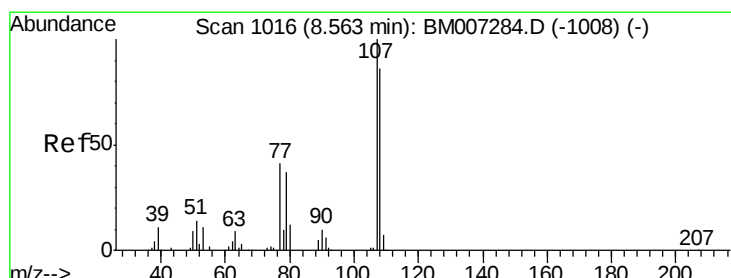
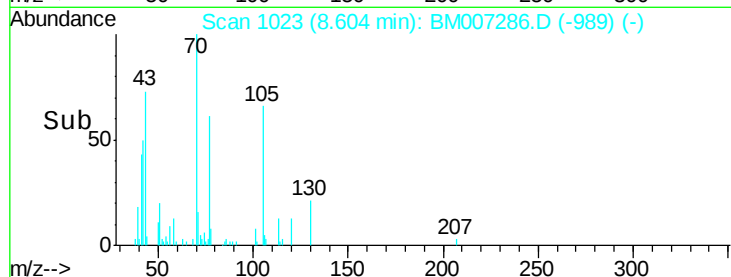
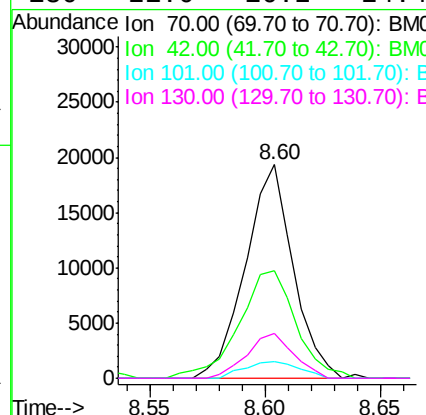
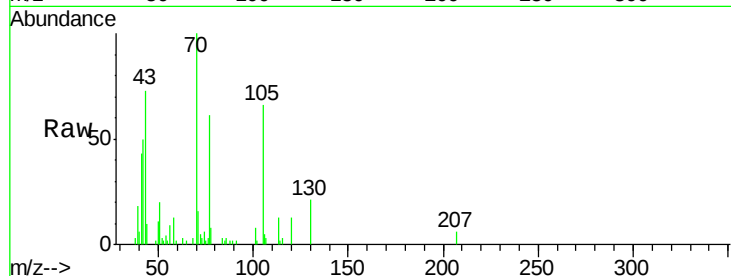
#15
N-Nitroso-di-n-propylamine
Concen: 1.74 ng/ul
RT: 8.60 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.3	43.4	65.2
101	8.1	7.8	11.6
130	21.0	16.2	24.4

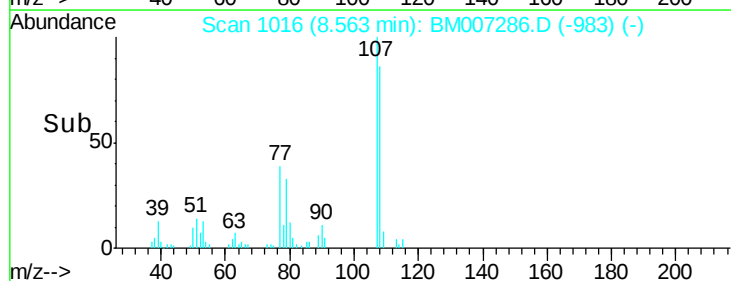
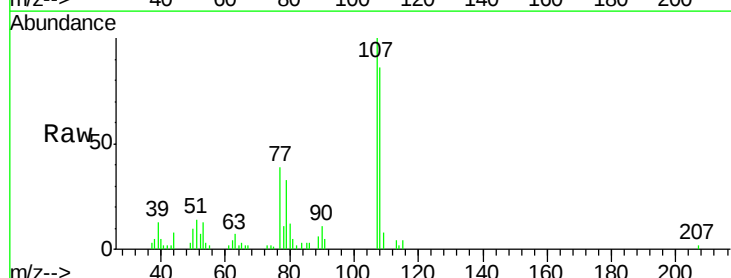
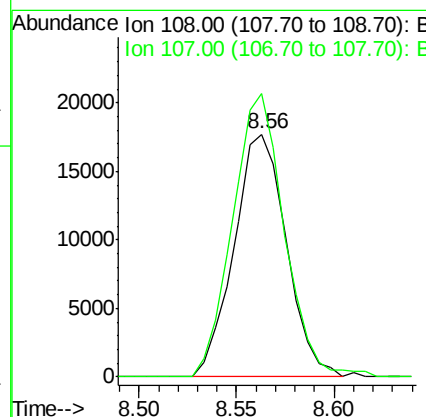
Manual Integrations
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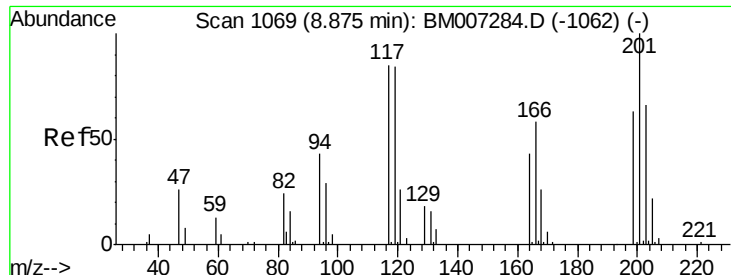
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#16
4-Methylphenol
Concen: 1.61 ng/ul
RT: 8.56 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Lower	Upper
108	100		
107	116.6	87.8	131.8





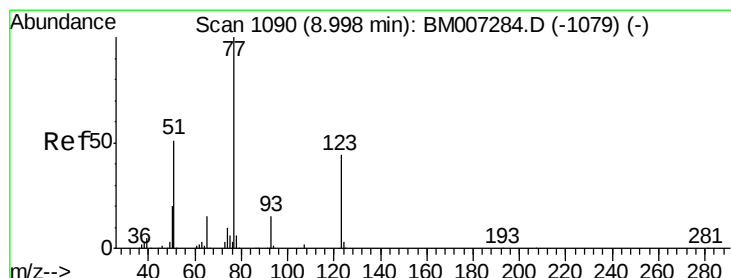
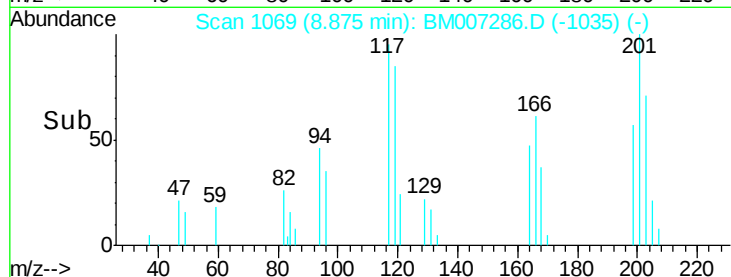
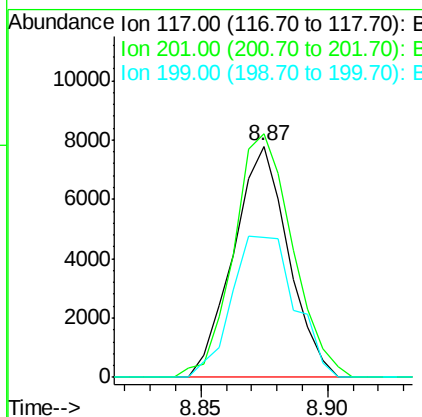
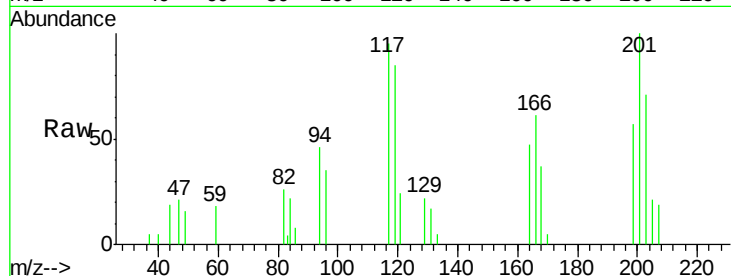
#17
 Hexachloroethane
 Concen: 1.78 ng/ul
 RT: 8.87 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-S-ML

Tgt Ion:	117	Resp:	11790
Ion Ratio	Lower	Upper	
117	100		
201	105.2	90.3	135.5
199	60.4	58.5	87.7

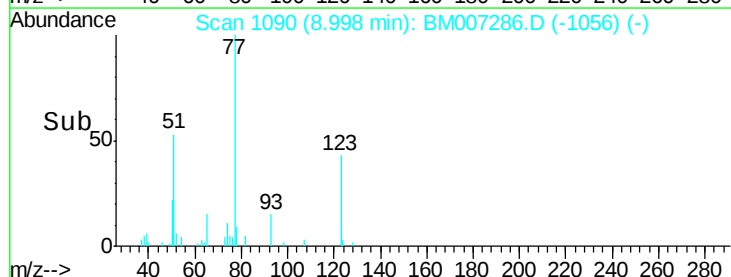
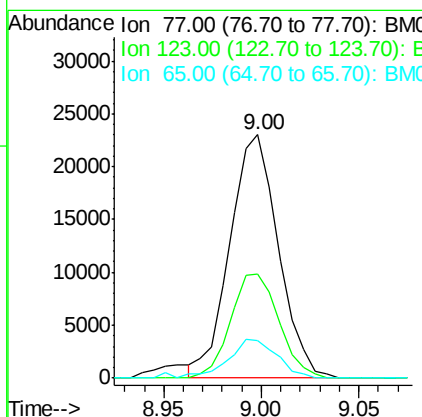
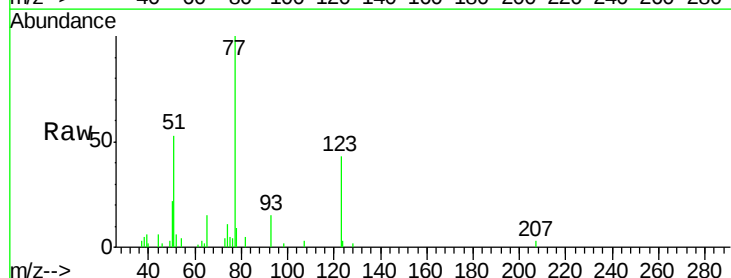
Manual Integrations
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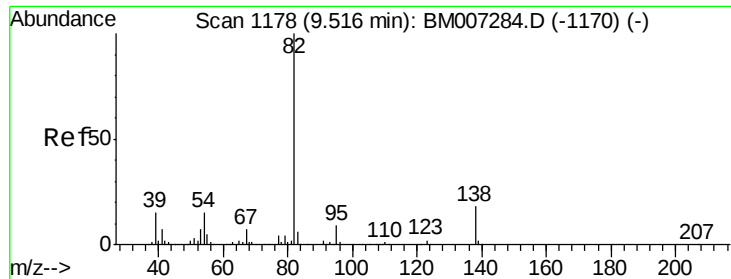
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#20
 Nitrobenzene
 Concen: 1.76 ng/ul
 RT: 9.00 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Tgt Ion:	77	Resp:	39622
Ion Ratio	Lower	Upper	
77	100		
123	42.7	34.2	51.4
65	15.3	11.0	16.6





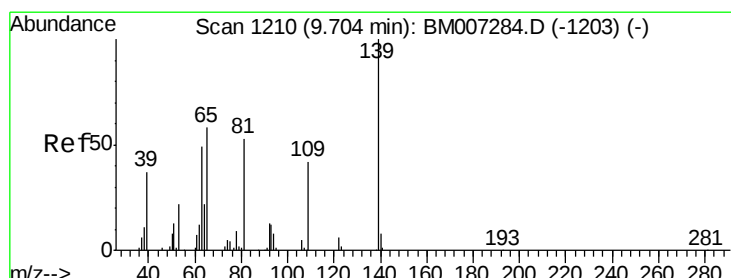
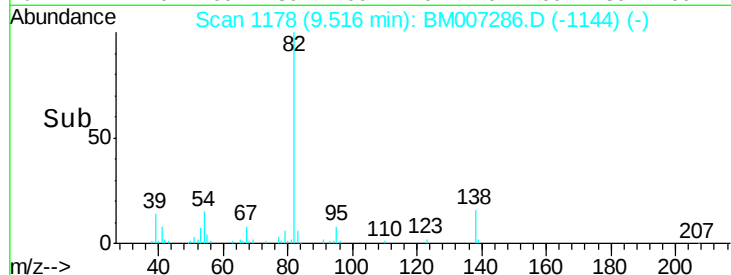
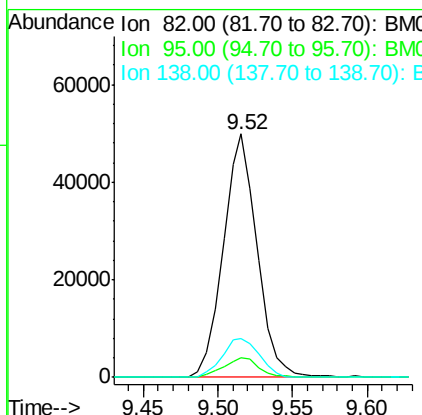
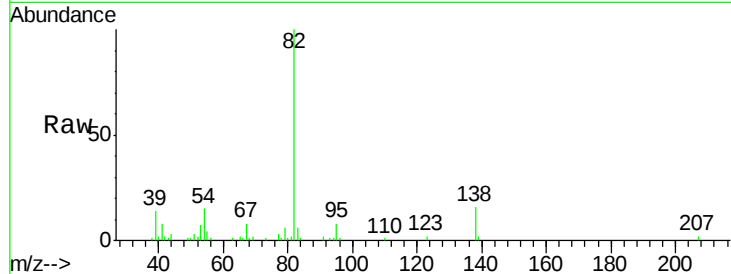
#21
Isophorone
Concen: 1.72 ng/ul
RT: 9.52 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	8.0	6.9	10.3
138	16.0	13.8	20.8

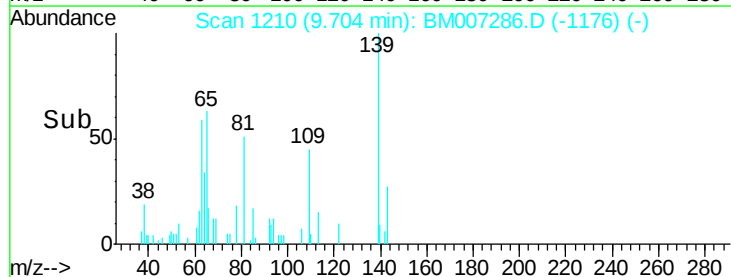
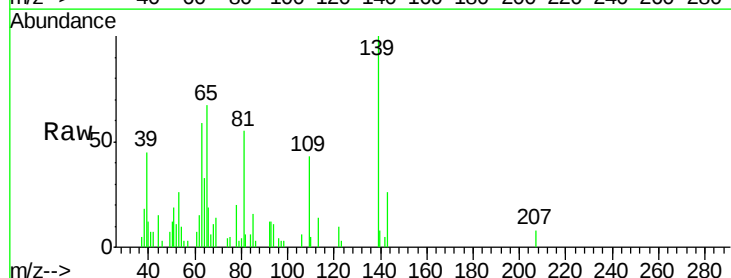
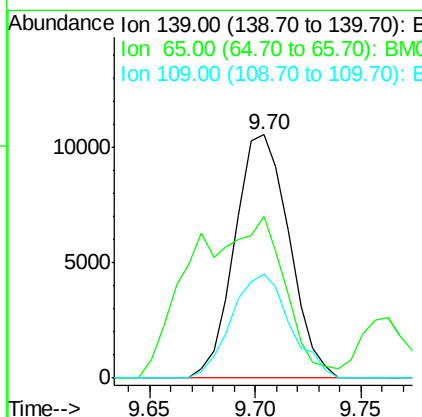
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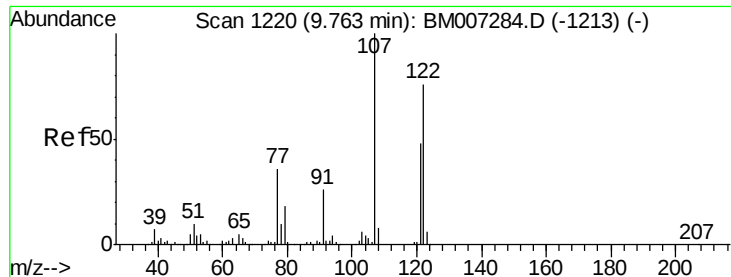
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#23
2-Nitrophenol
Concen: 1.69 ng/ul
RT: 9.70 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
65	66.5	44.2	66.4#
109	43.0	28.2	42.4#





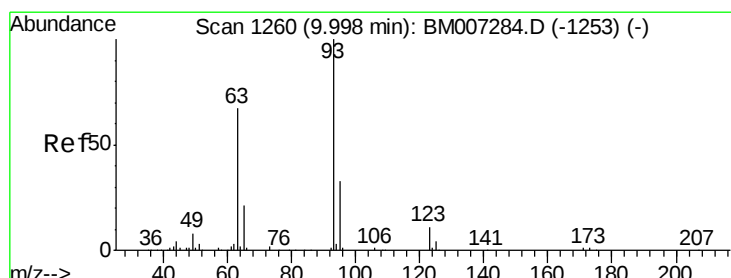
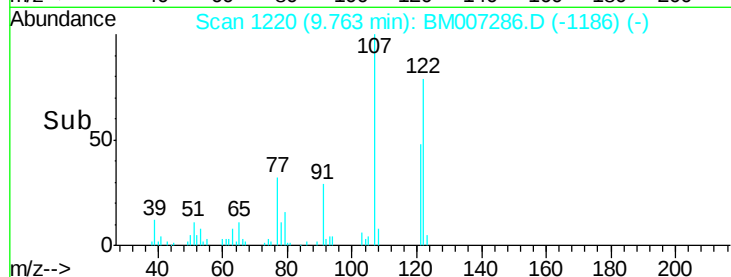
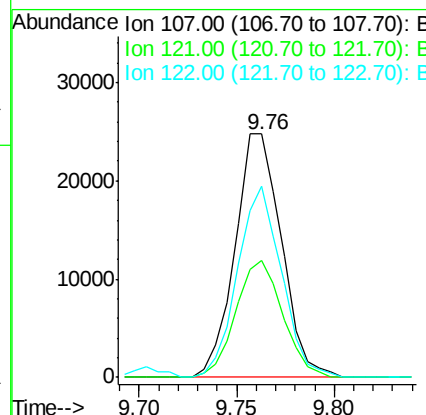
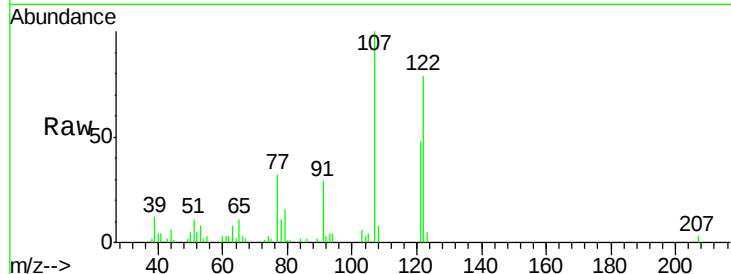
#24
 2,4-Dimethylphenol
 Concen: 1.66 ng/ul
 RT: 9.76 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	40930		
121	48.1	37.1	55.7	
122	78.7	62.8	94.2	

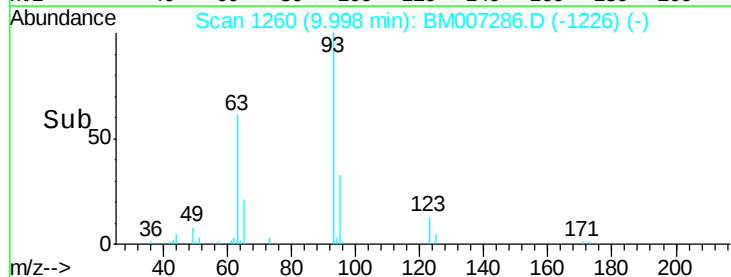
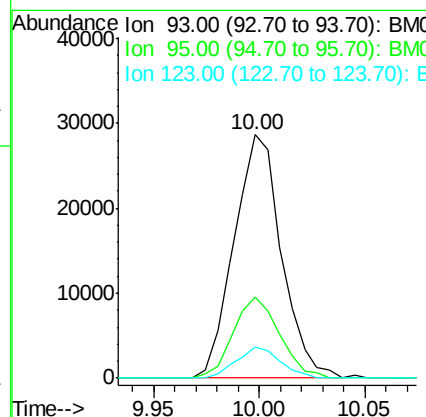
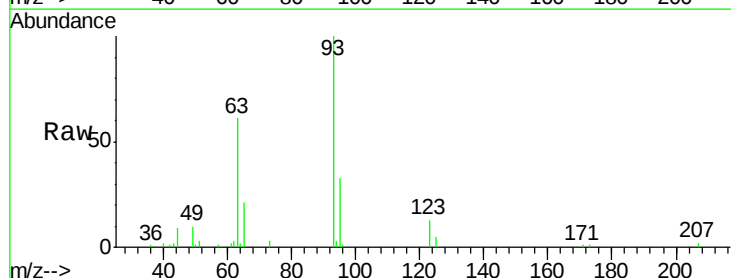
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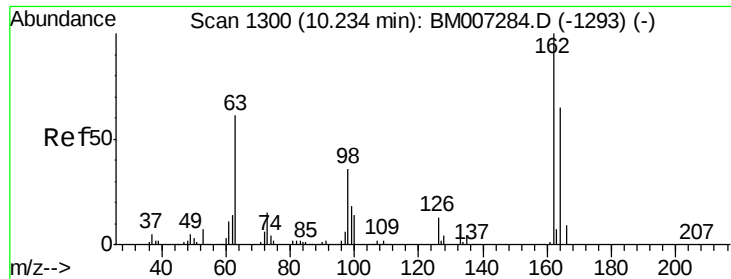
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 1.73 ng/ul
 RT: 10.00 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	44704		
95	33.5	25.4	38.0	
123	12.6	8.3	12.5	





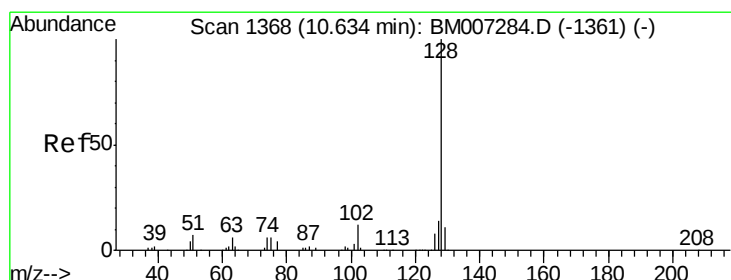
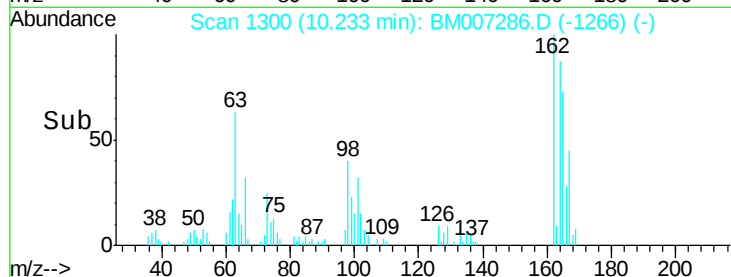
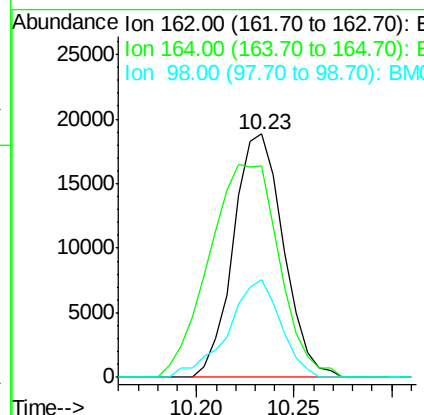
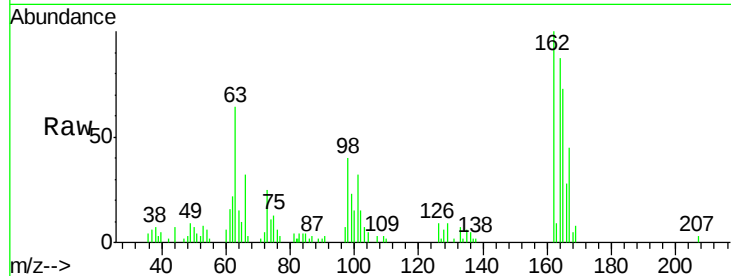
#27
 2,4-Dichlorophenol
 Concen: 1.65 ng/ul
 RT: 10.23 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	33445		
164	86.7	51.6	77.4#	
98	40.2	28.4	42.6	

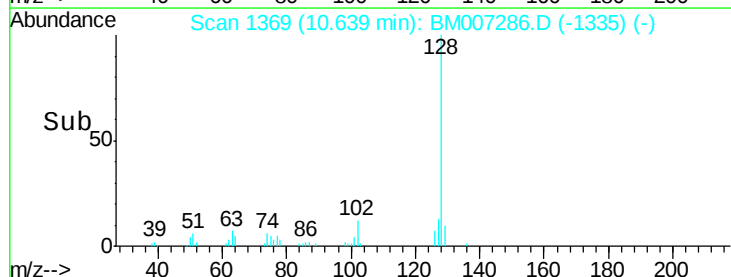
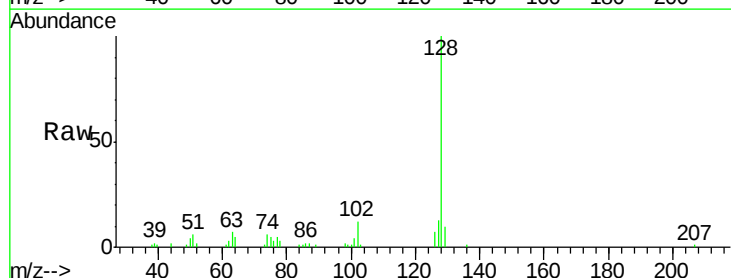
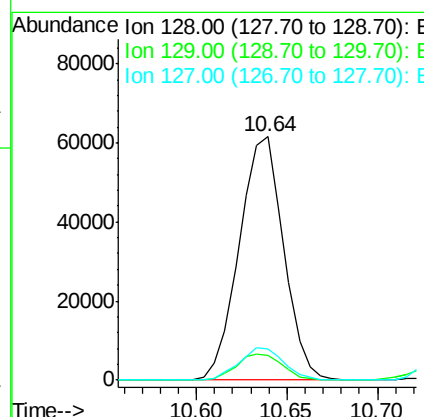
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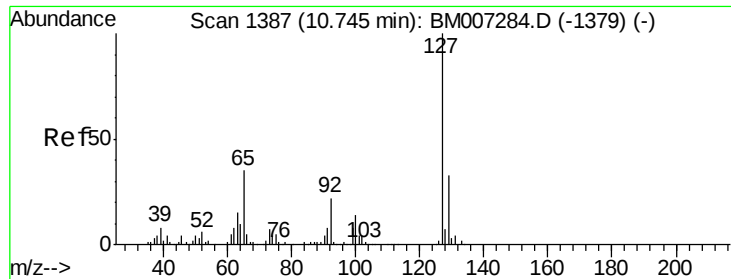
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#28
 Naphthalene
 Concen: 1.76 ng/ul
 RT: 10.64 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	104812		
129	9.9	8.6	12.8	
127	12.6	10.6	15.8	





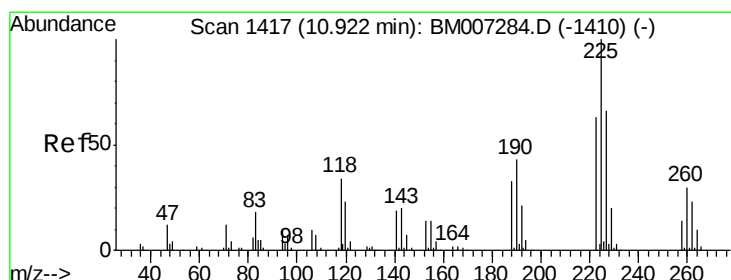
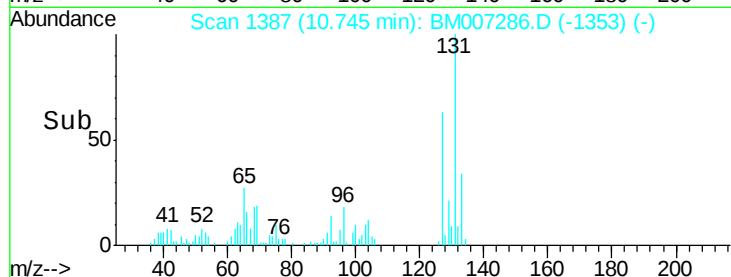
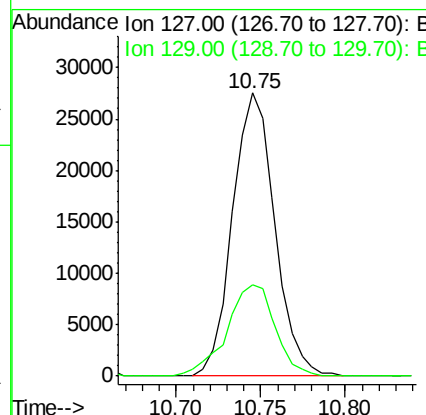
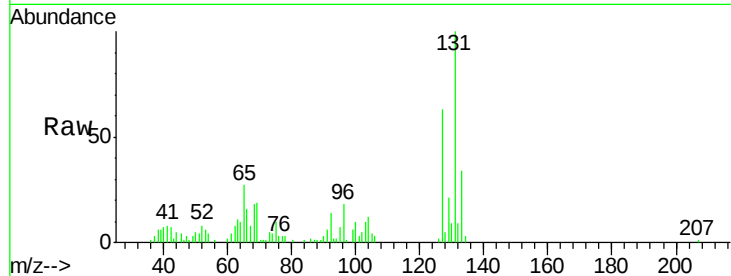
#30
4-Chloroaniline
Concen: 1.83 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion:127 Resp: 47960
Ion Ratio Lower Upper
127 100
129 32.5 24.6 37.0

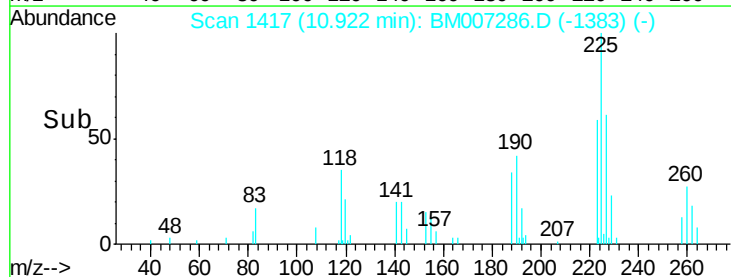
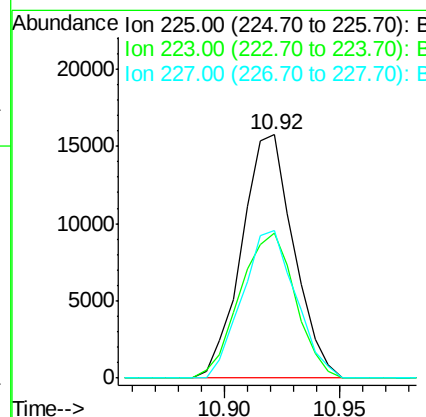
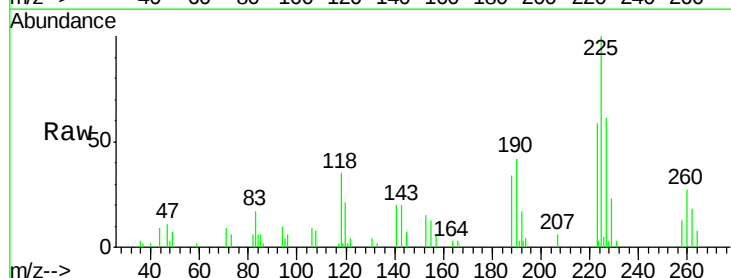
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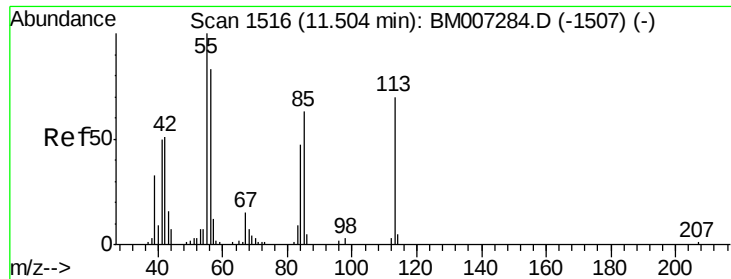
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#31
Hexachlorobutadiene
Concen: 1.81 ng/ul
RT: 10.92 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Tgt Ion:225 Resp: 24800
Ion Ratio Lower Upper
225 100
223 62.2 51.2 76.8
227 60.9 52.5 78.7





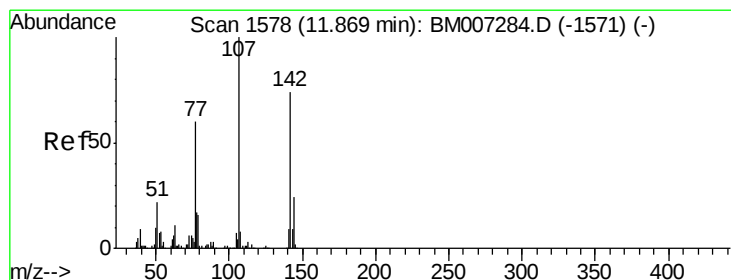
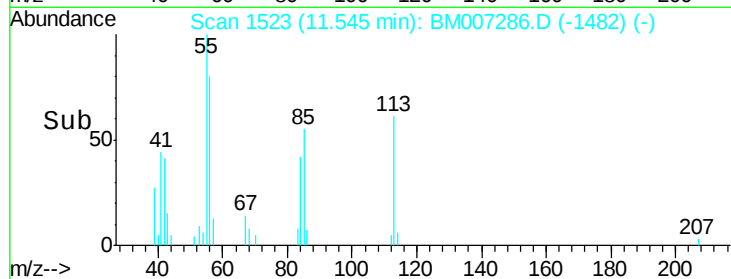
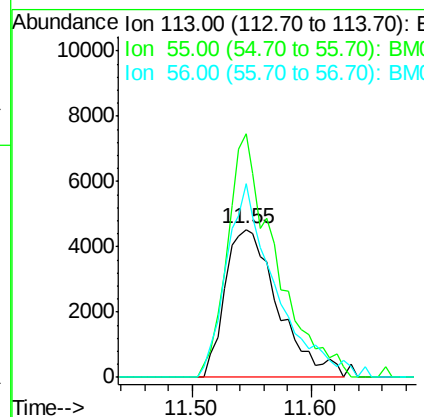
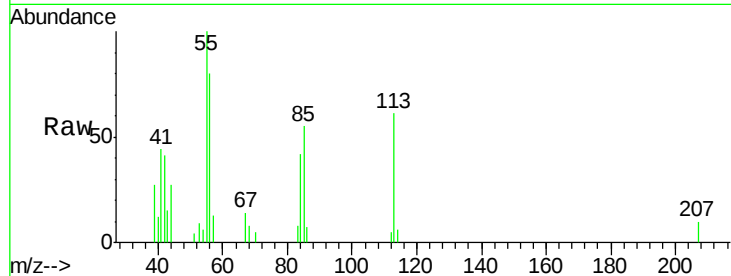
#32
 Caprolactam
 Concen: 1.71 ng/ul m
 RT: 11.55 min Scan# 1523
 Delta R.T. 0.04 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion:113 Resp: 13954
 Ion Ratio Lower Upper
 113 100
 55 164.8 121.9 182.9
 56 131.4 97.4 146.0

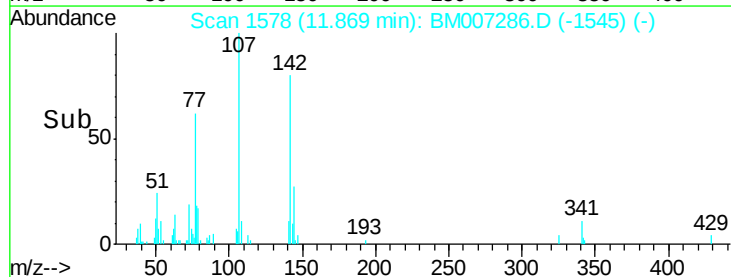
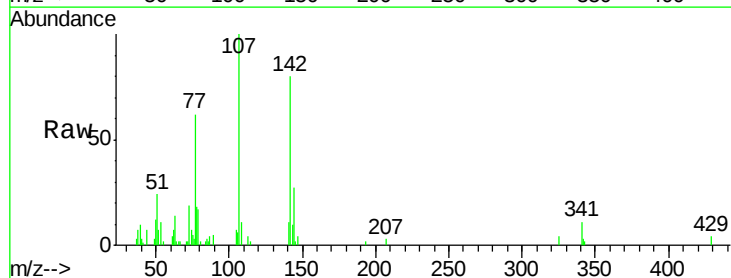
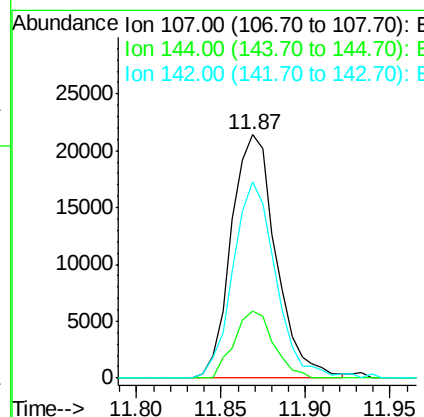
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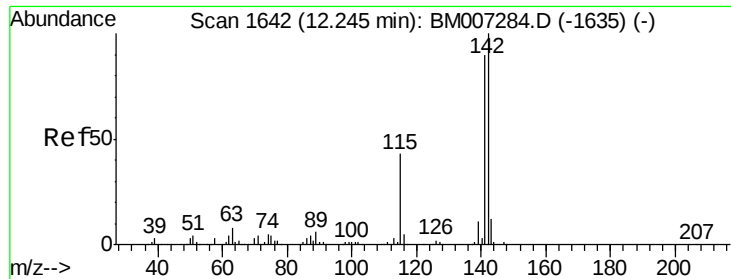
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#33
 4-Chloro-3-methylphenol
 Concen: 1.57 ng/ul
 RT: 11.87 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Tgt Ion:107 Resp: 39481
 Ion Ratio Lower Upper
 107 100
 144 27.4 21.1 31.7
 142 80.4 64.1 96.1





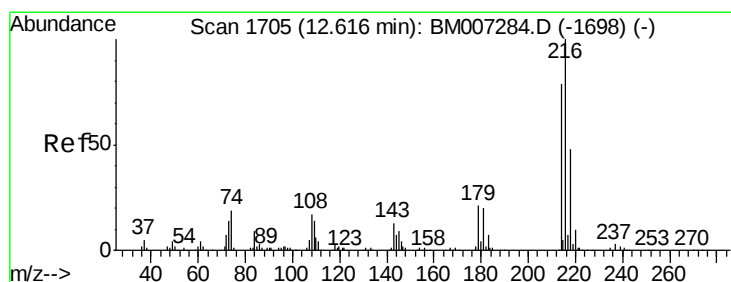
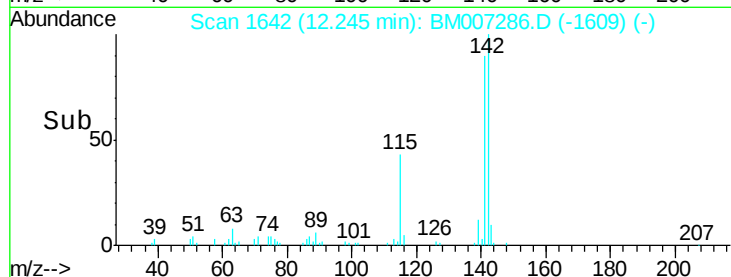
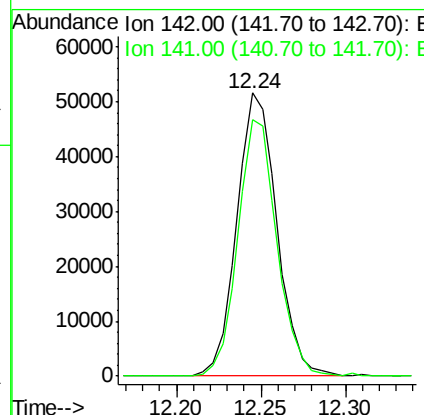
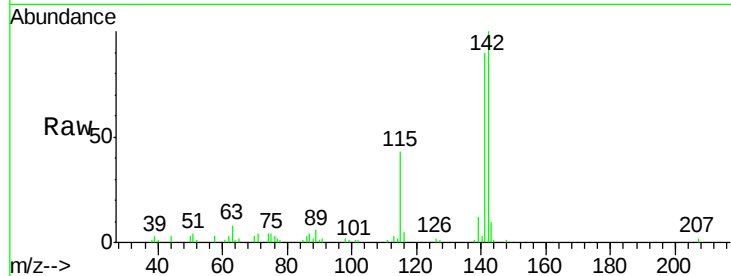
#34
2-Methylnaphthalene
Concen: 1.75 ng/ul
RT: 12.24 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion:142 Resp: 85124
Ion Ratio Lower Upper
142 100
141 90.5 71.3 106.9

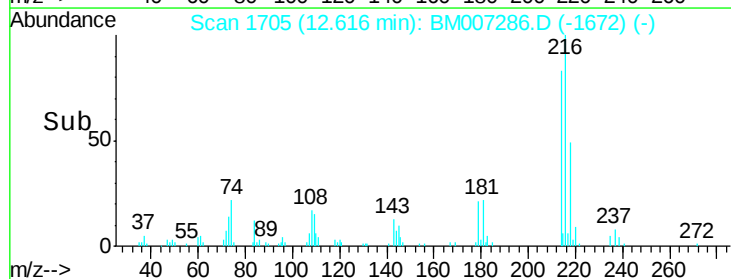
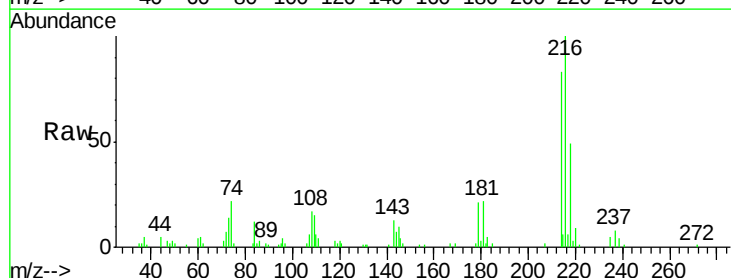
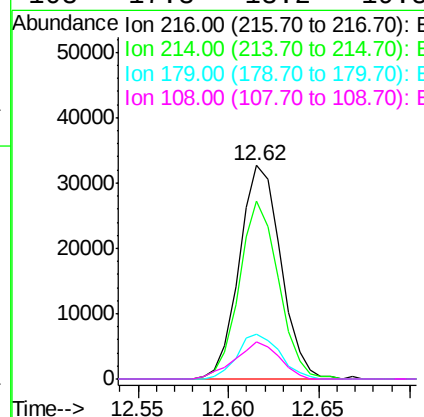
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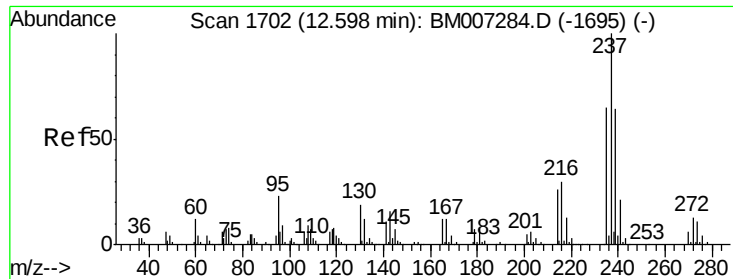
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 1.78 ng/ul
RT: 12.62 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Tgt Ion:216 Resp: 52158
Ion Ratio Lower Upper
216 100
214 83.1 64.8 97.2
179 21.3 16.7 25.1
108 17.3 13.2 19.8





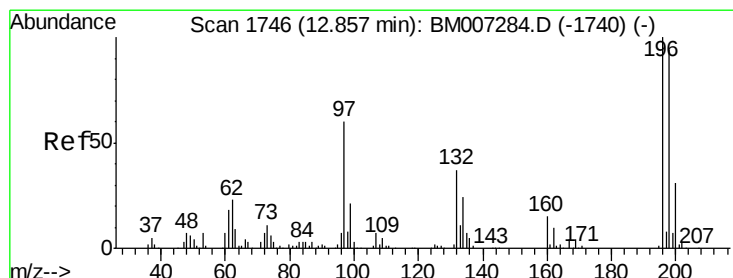
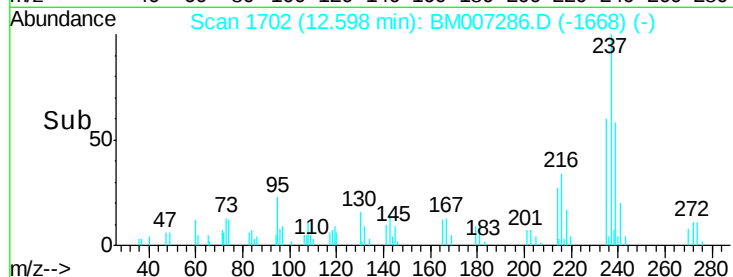
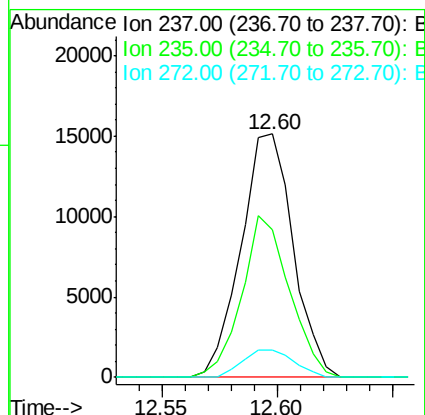
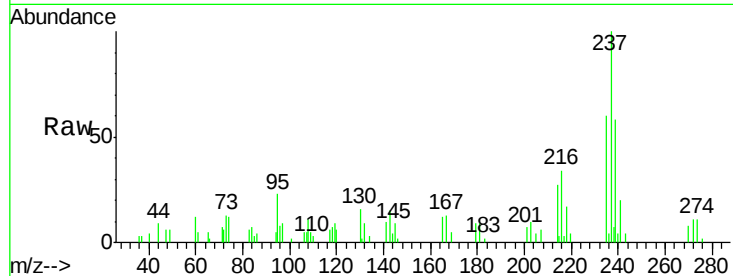
#37
Hexachlorocyclopentadiene
Concen: 1.34 ng/ul
RT: 12.60 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	60.4	49.6	74.4
272	11.1	10.4	15.6

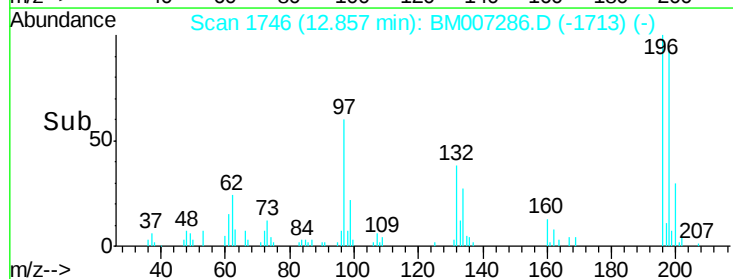
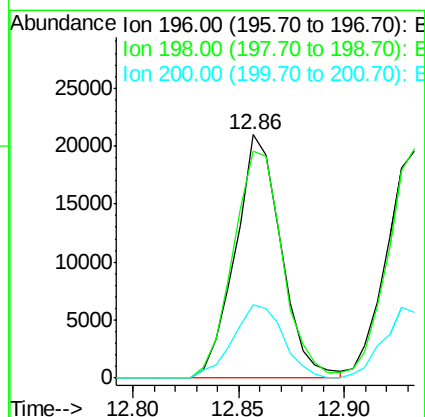
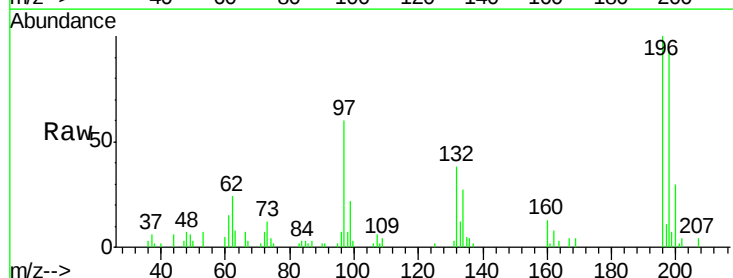
Manual Integrations
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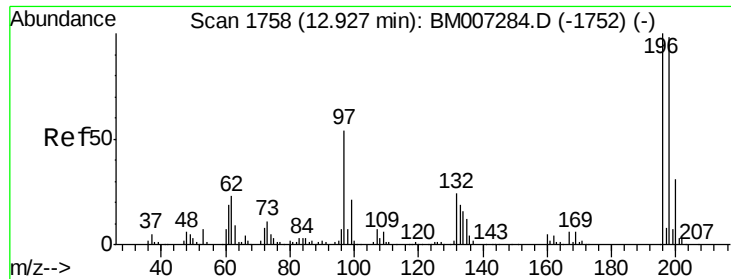
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#38
2,4,6-Trichlorophenol
Concen: 1.52 ng/ul
RT: 12.86 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	93.1	76.9	115.3
200	30.2	25.1	37.7





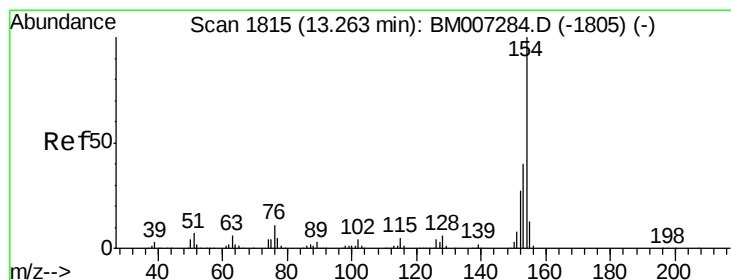
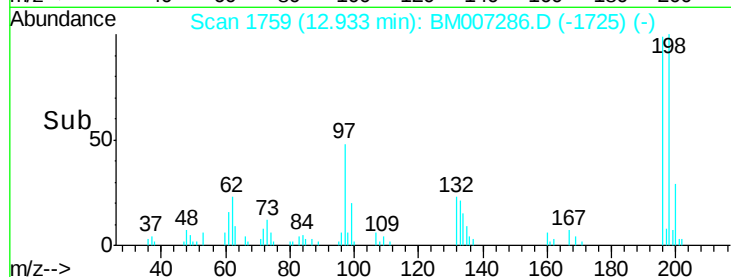
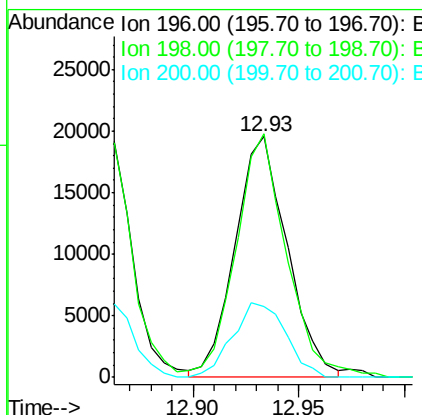
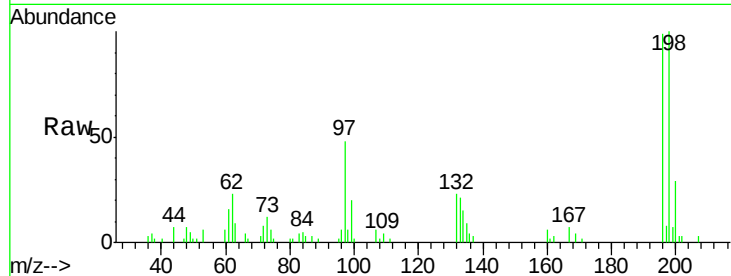
#39
 2,4,5-Trichlorophenol
 Concen: 1.55 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	33561		
198	101.3	76.8	115.2	
200	29.2	27.0	40.4	

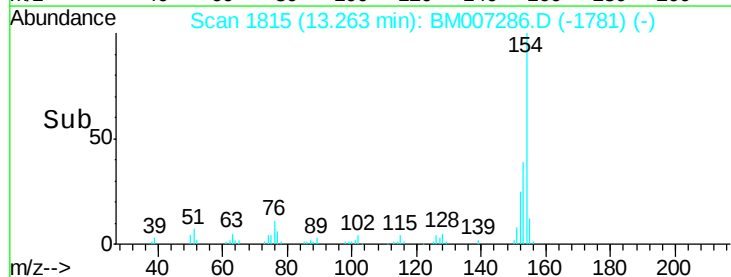
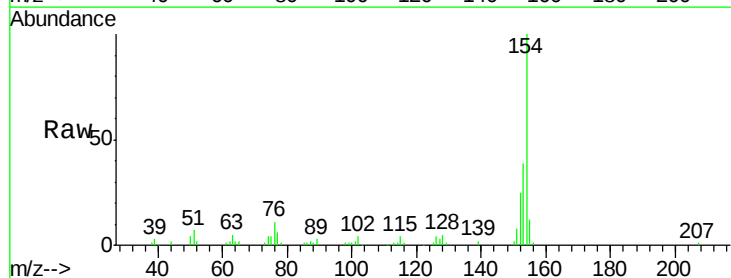
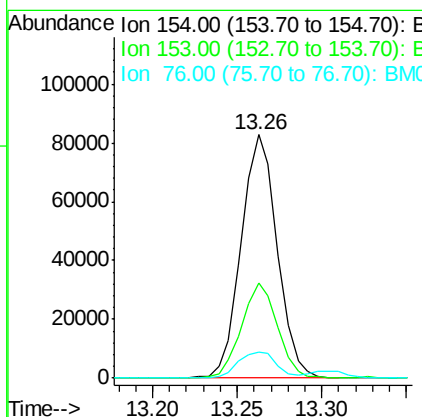
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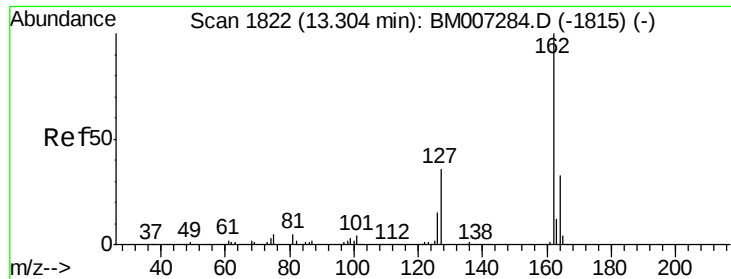
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#40
 1,1'-Biphenyl
 Concen: 1.80 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	123052		
153	39.0	31.3	46.9	
76	10.5	10.0	15.0	





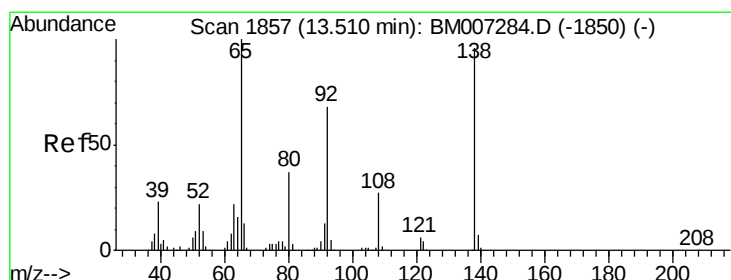
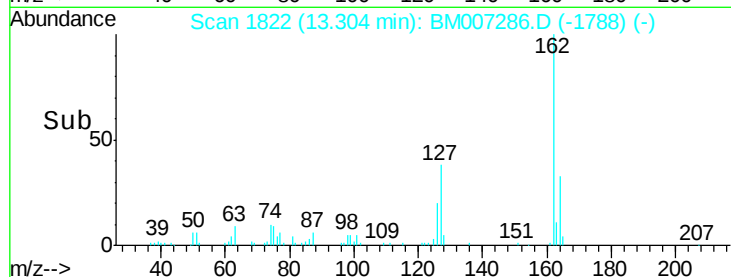
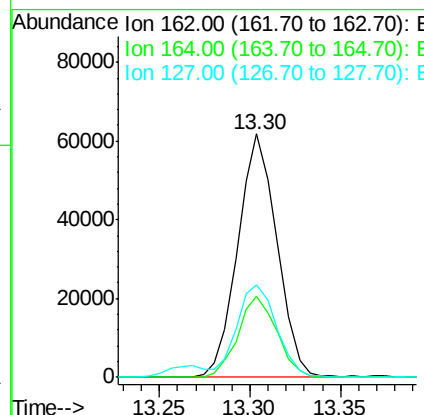
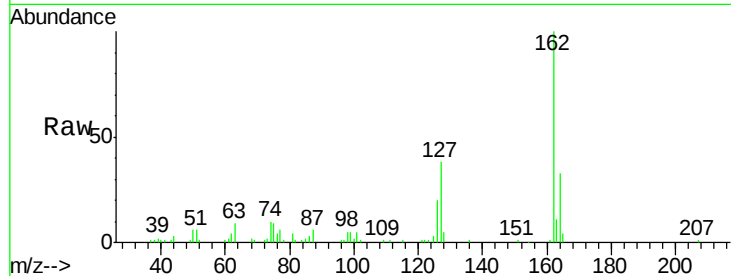
#41
 2-Chloronaphthalene
 Concen: 1.73 ng/ul
 RT: 13.30 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.3	26.9	40.3
127	38.3	31.2	46.8

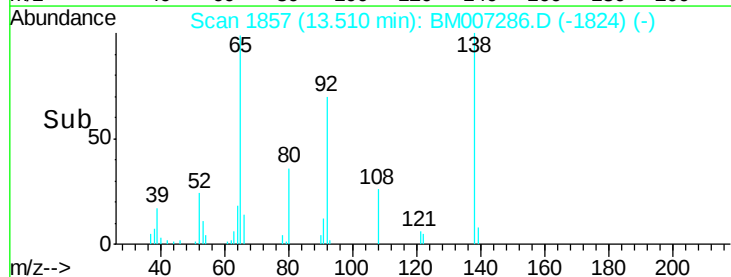
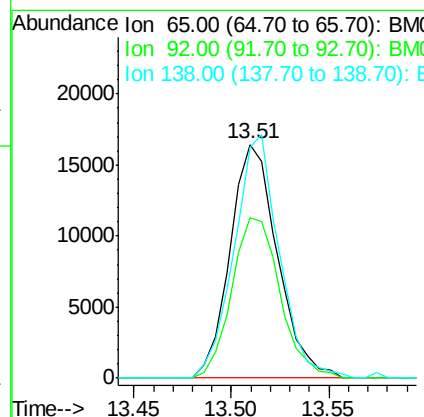
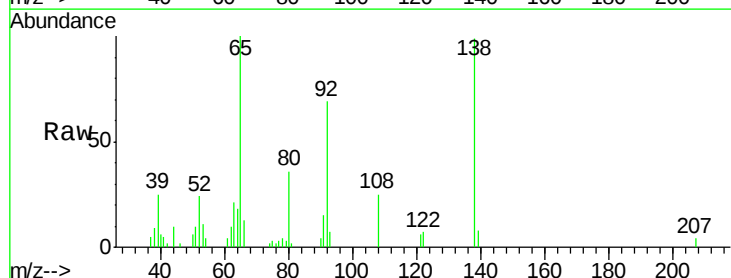
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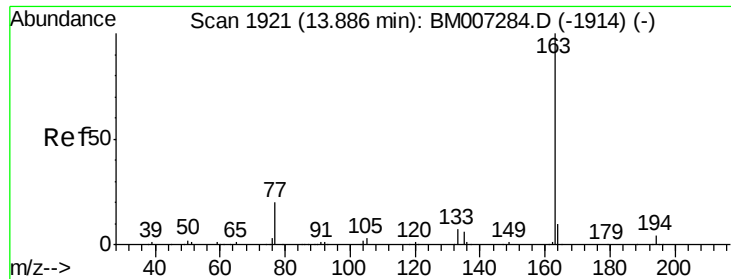
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#42
 2-Nitroaniline
 Concen: 1.58 ng/ul
 RT: 13.51 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.9	55.6	83.4
138	99.0	81.3	121.9





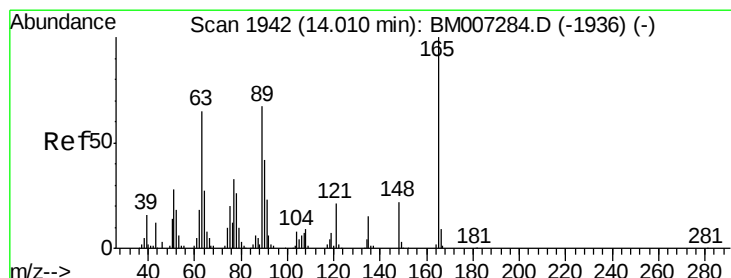
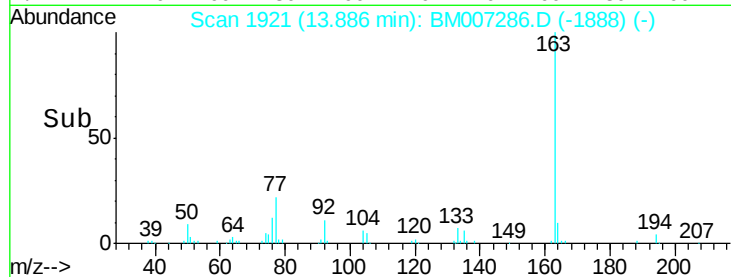
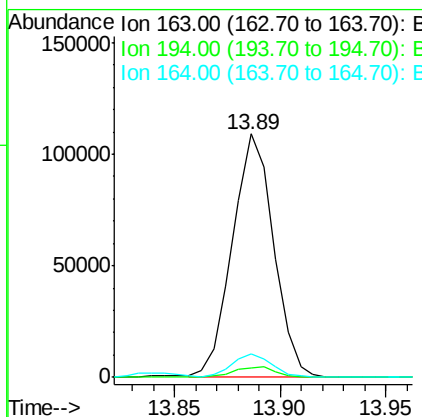
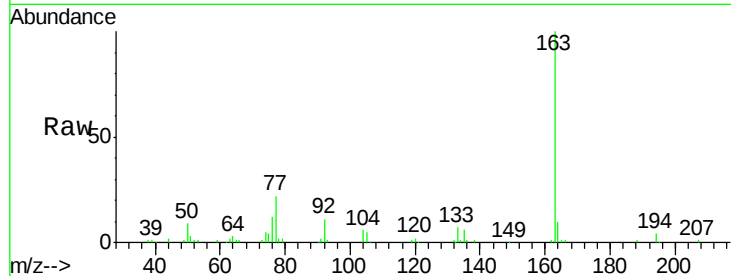
#44
Dimethylphthalate
Concen: 1.95 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Instrument :
BNA_M
ClientSampled :
MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	147774		
194	4.0		3.4	5.2
164	9.8		7.8	11.8

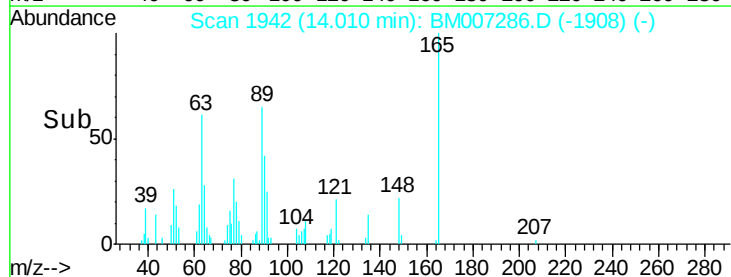
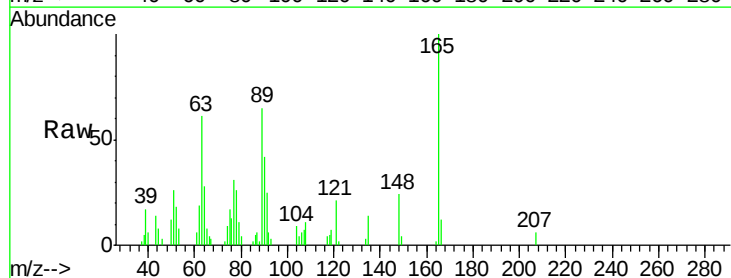
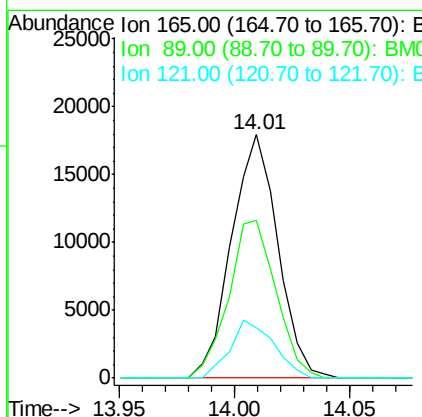
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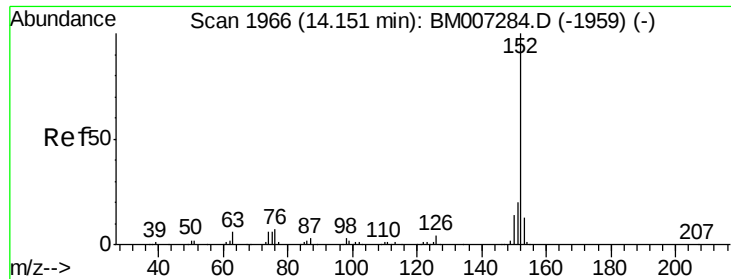
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#45
2,6-Dinitrotoluene
Concen: 1.62 ng/ul
RT: 14.01 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	25120		
89	65.1		46.6	69.8
121	20.6		16.0	24.0





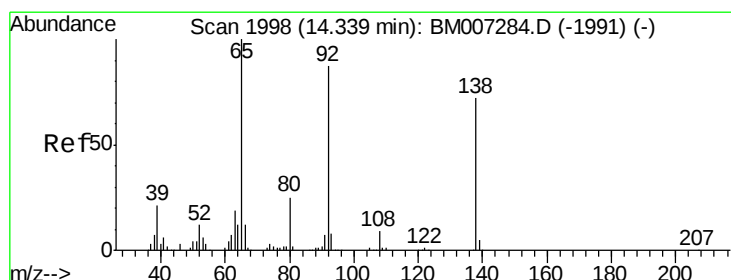
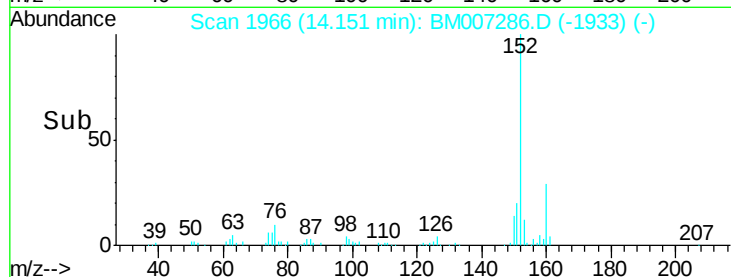
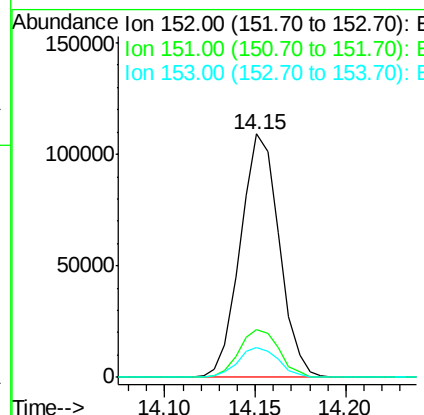
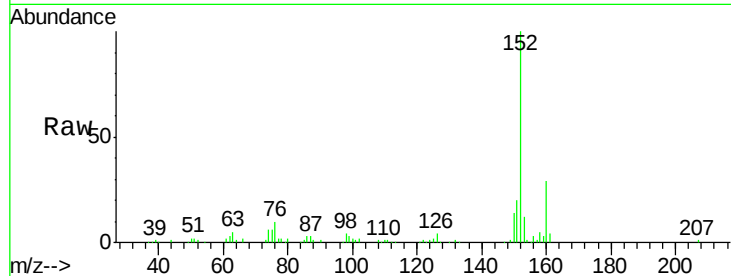
#47
Acenaphthylene
Concen: 1.80 ng/ul
RT: 14.15 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	163037		
151	19.8	16.0	24.0	
153	12.5	11.0	16.6	

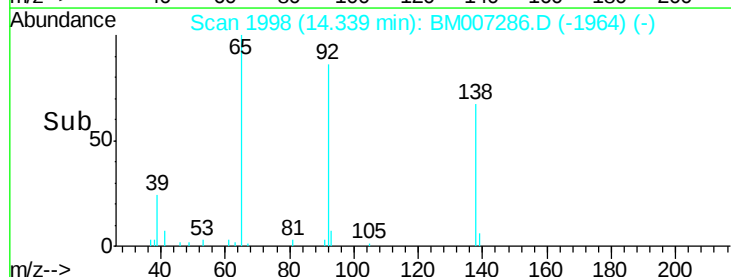
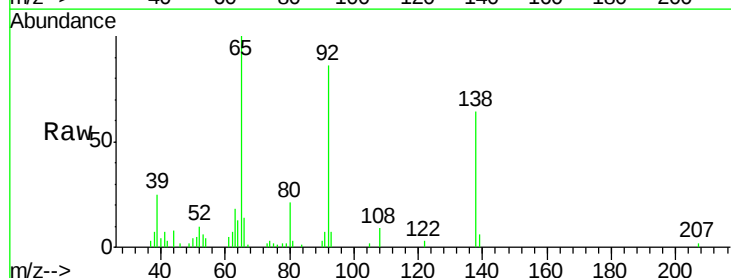
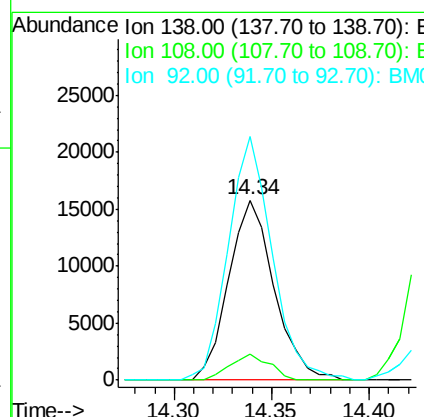
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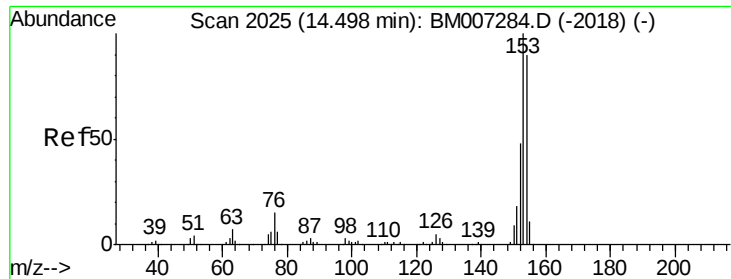
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#48
3-Nitroaniline
Concen: 1.62 ng/ul
RT: 14.34 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	25601		
108	14.4	9.4	14.0#	
92	135.4	96.6	145.0	





#49

Acenaphthene

Concen: 1.80 ng/ul

RT: 14.49 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BM007286.D

Acq: 24 Aug 2016 21:01

Instrument :

BNA_M

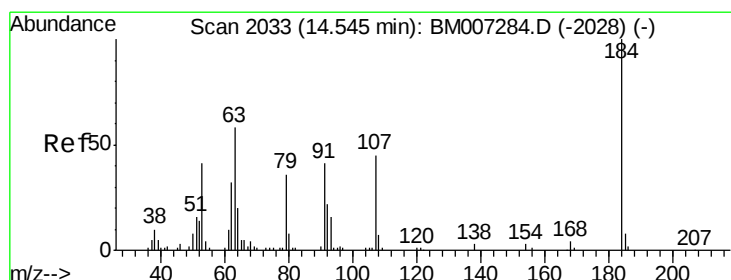
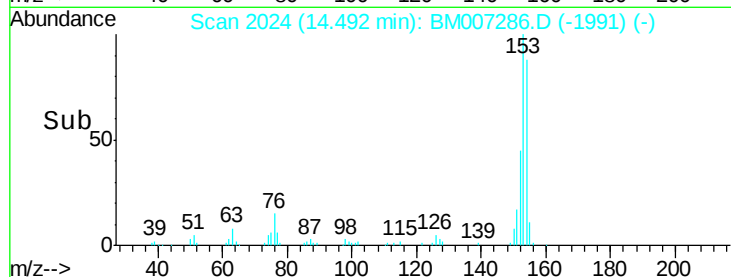
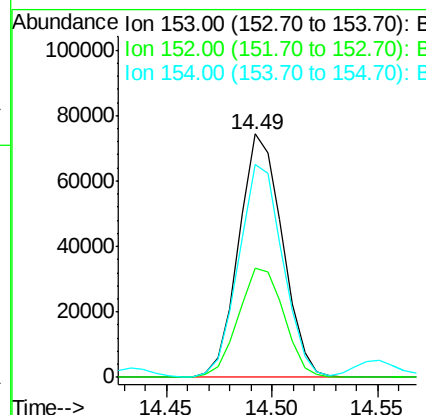
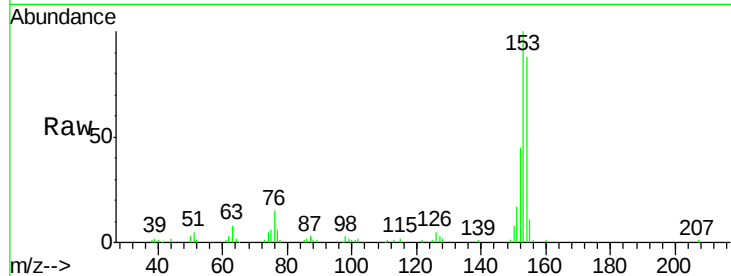
ClientSampled :

MDL-01-S-ML

Tgt Ion:	153	Resp:	106347
Ion Ratio		Lower	Upper
153	100		
152	44.8	37.8	56.6
154	87.7	71.4	107.0

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#50

2,4-Dinitrophenol

Concen: 1.19 ng/ul

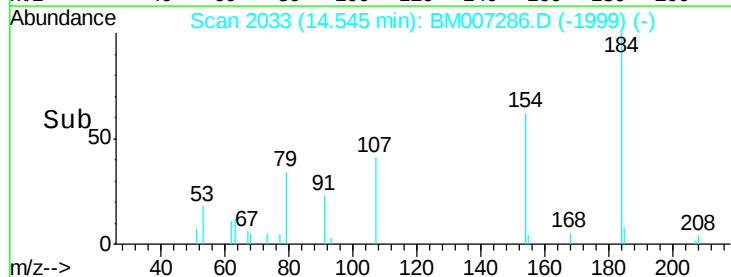
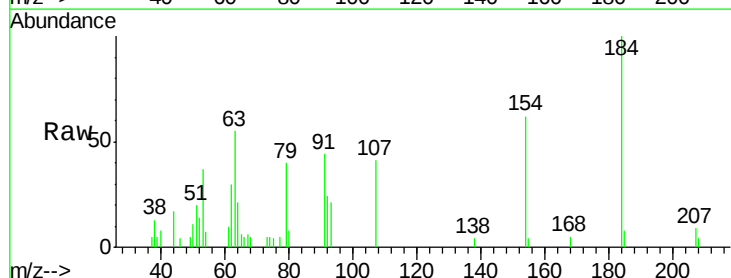
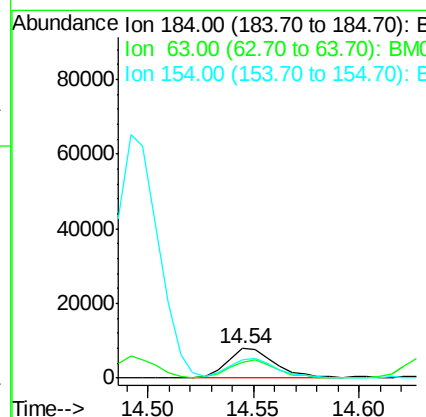
RT: 14.54 min Scan# 2033

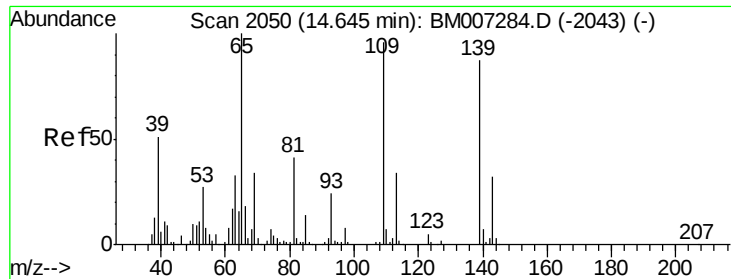
Delta R.T. -0.00 min

Lab File: BM007286.D

Acq: 24 Aug 2016 21:01

Tgt Ion:	184	Resp:	12476
Ion Ratio		Lower	Upper
184	100		
63	55.0	43.4	65.0
154	62.5	48.2	72.4





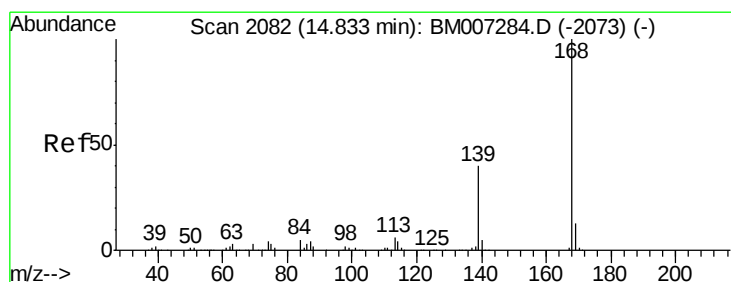
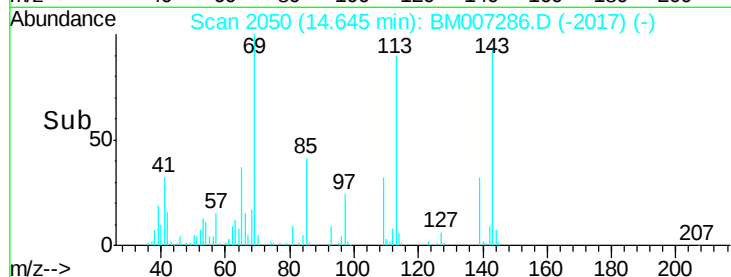
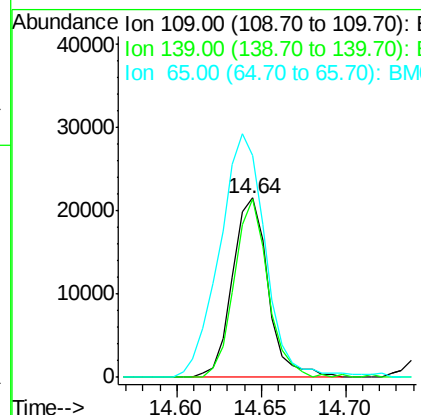
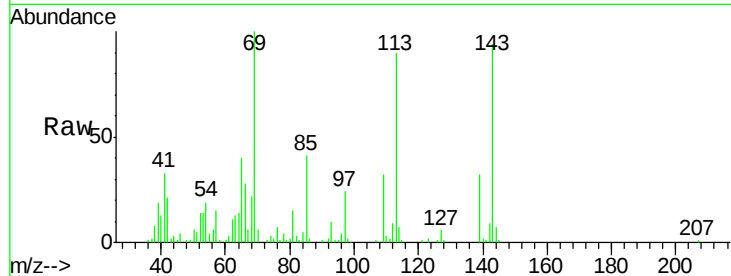
#52
4-Nitrophenol
Concen: 2.07 ng/ul
RT: 14.64 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	31657		
139	99.2	88.7	133.1	
65	123.5	96.4	144.6	

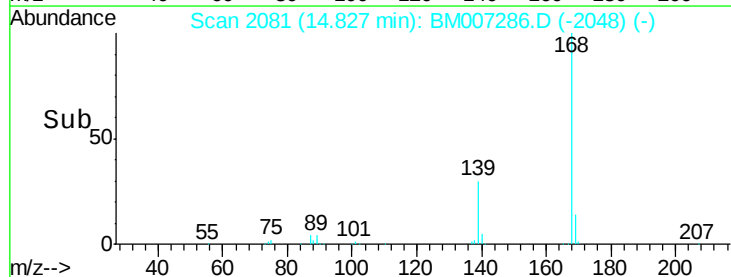
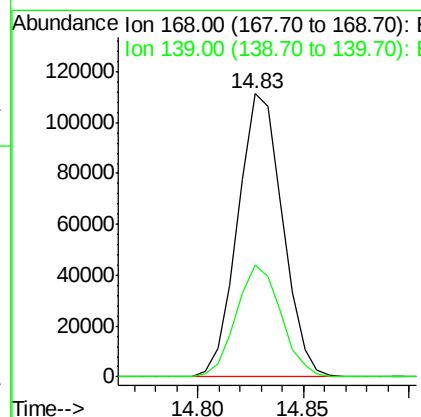
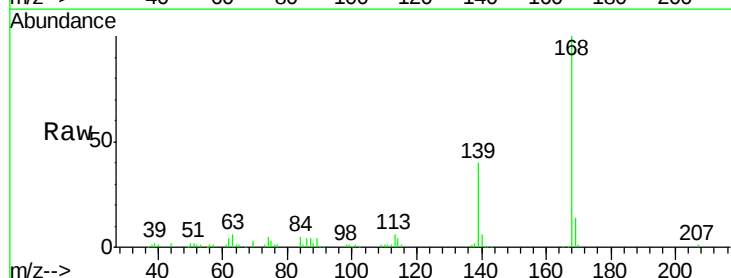
Manual Integrations
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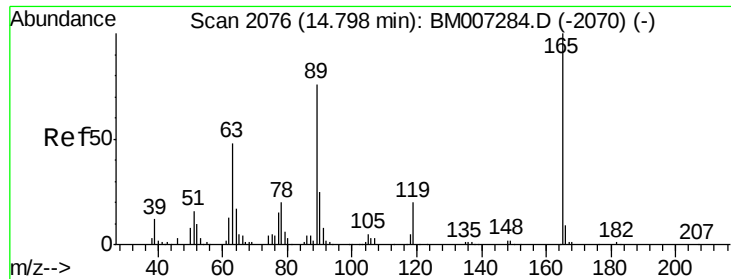
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#53
Dibenzofuran
Concen: 1.85 ng/ul
RT: 14.83 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	163517		
139	39.5	30.1	45.1	





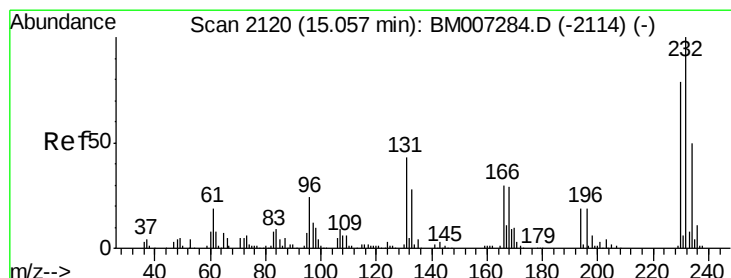
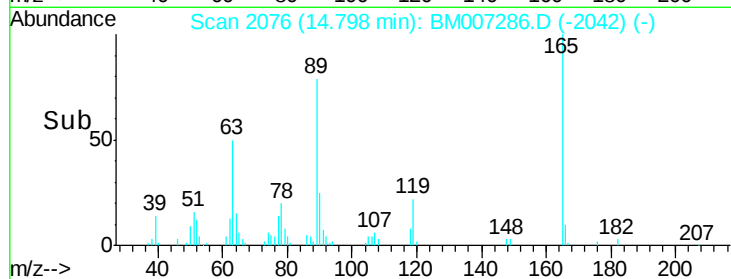
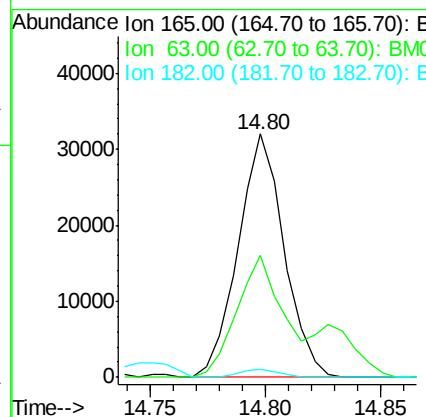
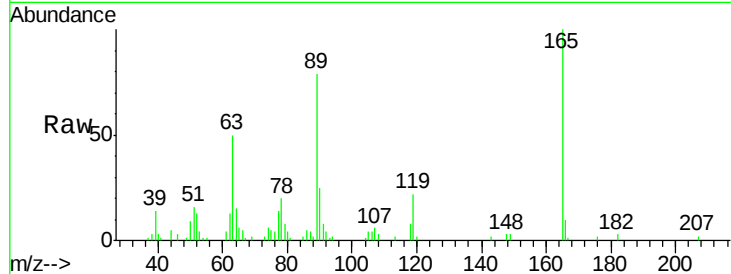
#54
 2,4-Dinitrotoluene
 Concen: 1.87 ng/ul
 RT: 14.80 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion:	165	Resp:	44371
Ion Ratio	Lower	Upper	
165	100		
63	50.2	36.2	54.2
182	3.3	2.2	3.4

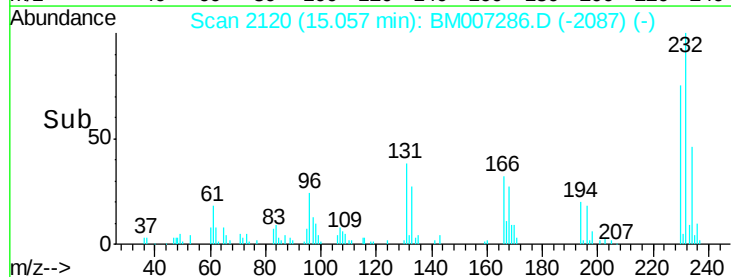
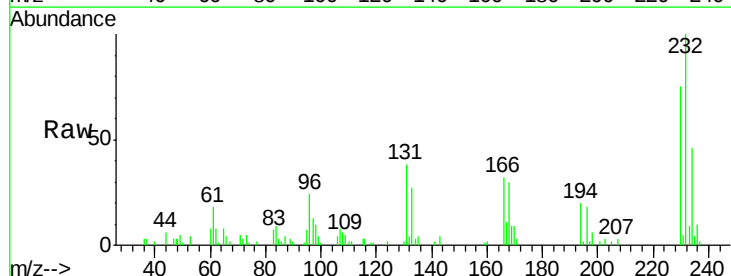
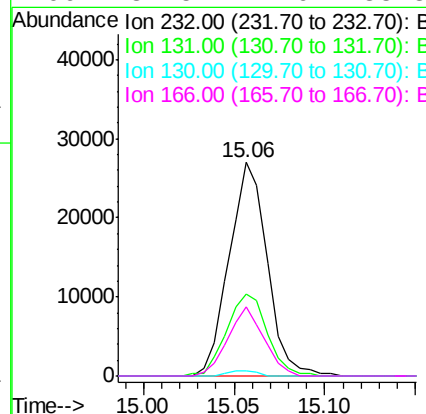
Manual Integrations
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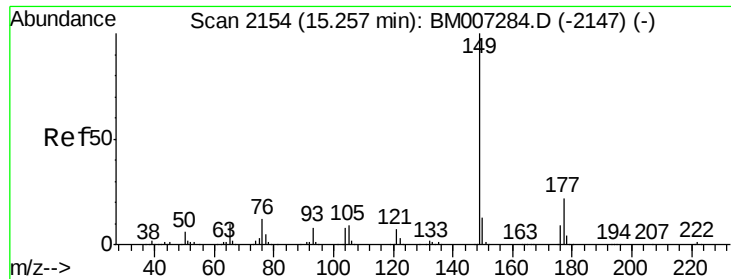
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 1.78 ng/ul
 RT: 15.06 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Tgt Ion:	232	Resp:	39512
Ion Ratio	Lower	Upper	
232	100		
131	38.2	31.4	47.0
130	2.2	1.6	2.4
166	32.5	22.6	33.8





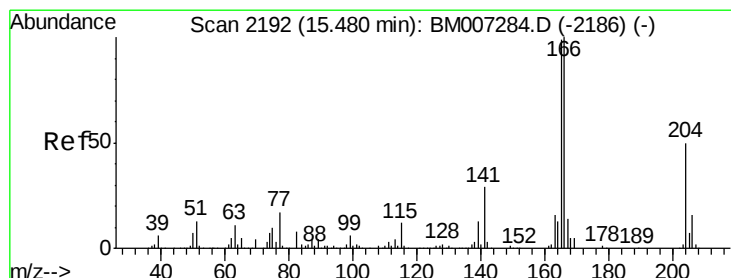
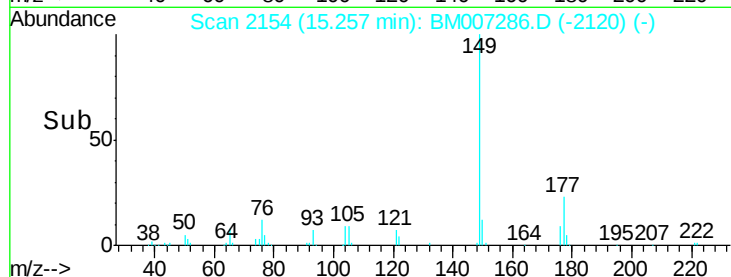
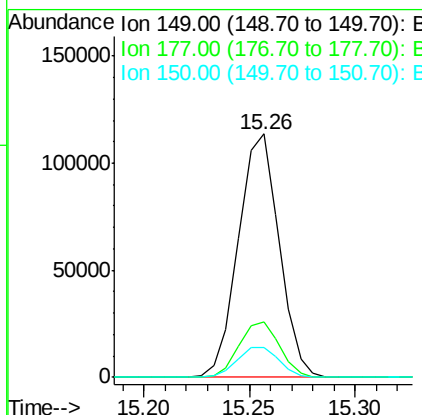
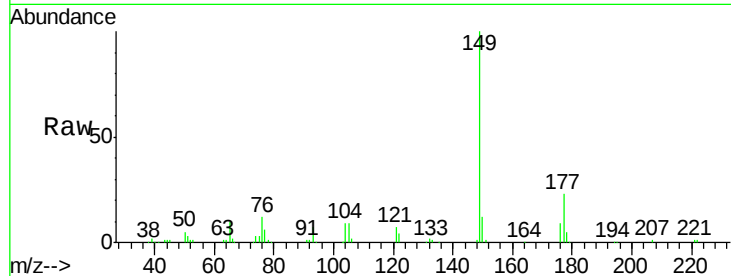
#56
Diethylphthalate
Concen: 1.93 ng/ul
RT: 15.26 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	152747		
177	22.8	18.6	28.0	
150	12.3	10.0	15.0	

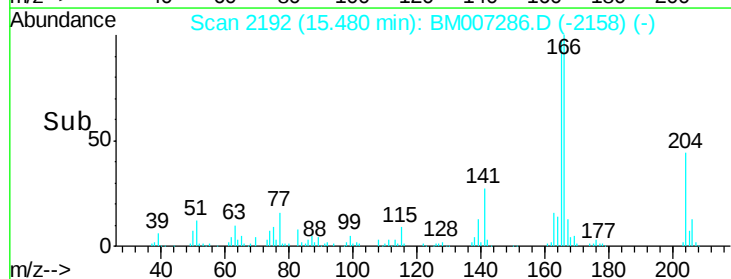
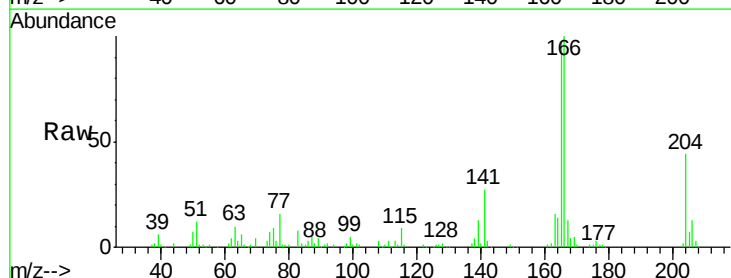
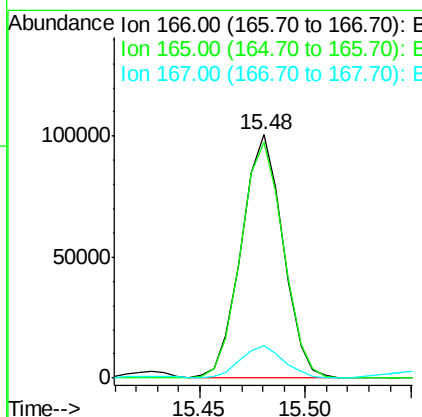
Manual Integrations
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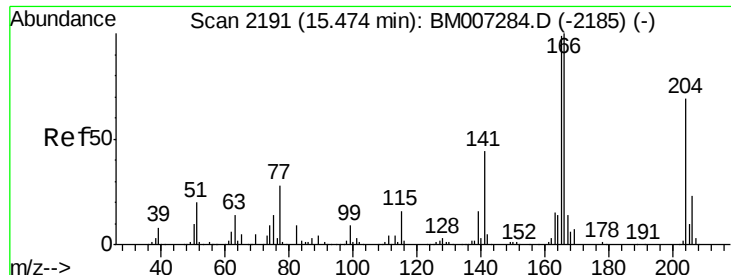
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#58
Fluorene
Concen: 1.90 ng/ul
RT: 15.48 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	138165		
165	97.2	79.9	119.9	
167	13.3	10.5	15.7	





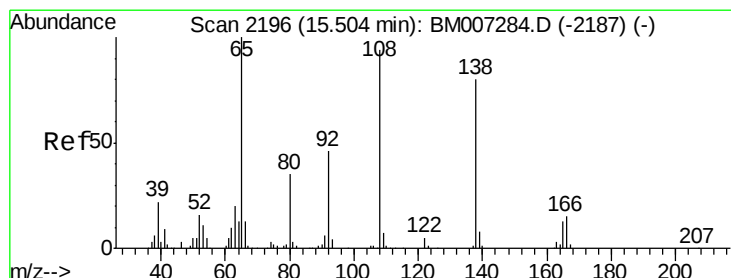
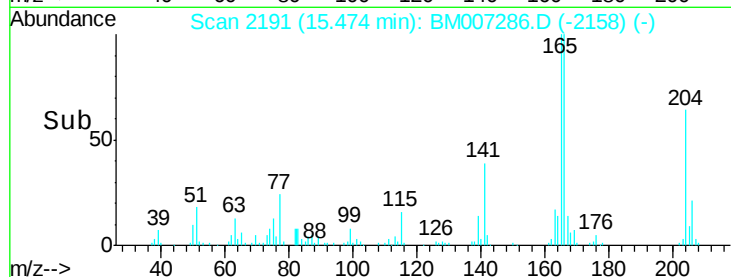
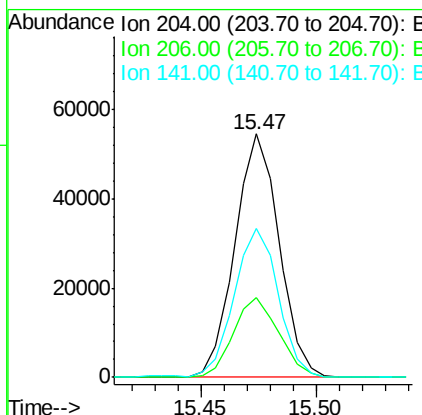
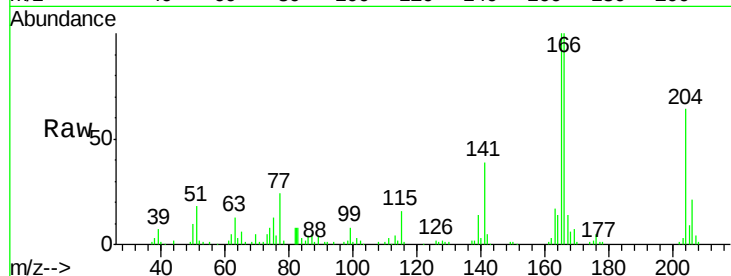
#59
 4-Chlorophenyl-phenylether
 Concen: 1.92 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.9	38.9
141	61.1	46.1	69.1

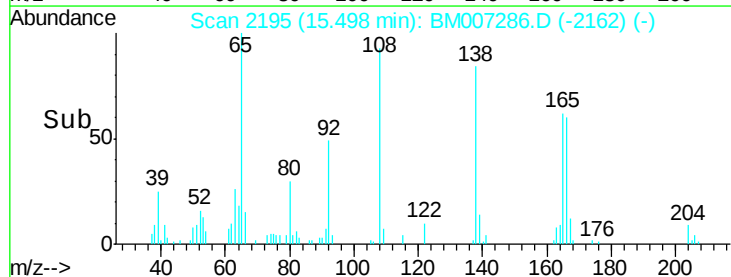
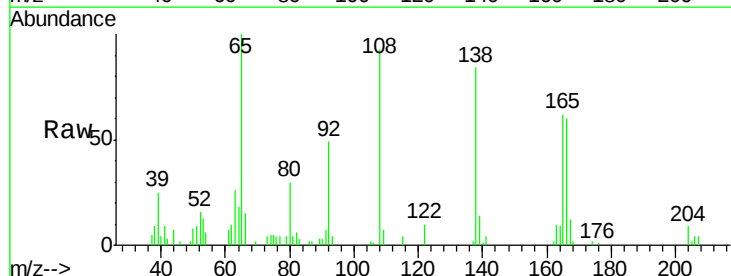
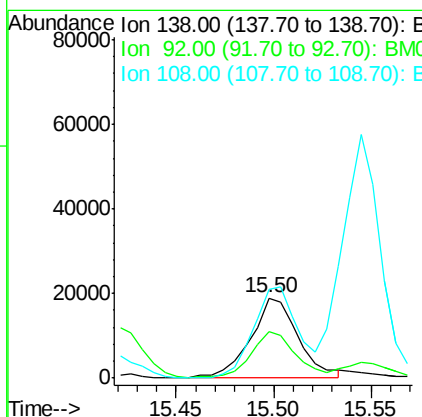
Manual Integrations
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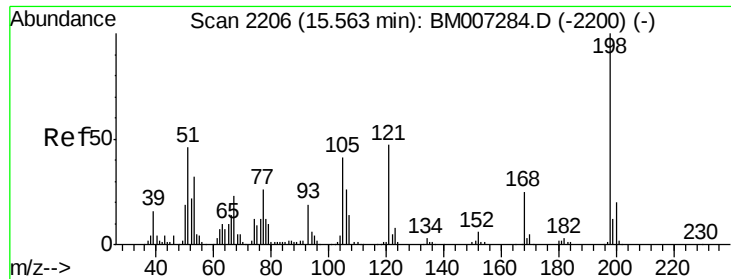
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#60
 4-Nitroaniline
 Concen: 1.79 ng/ul
 RT: 15.50 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.4	43.5	65.3
108	110.8	80.3	120.5





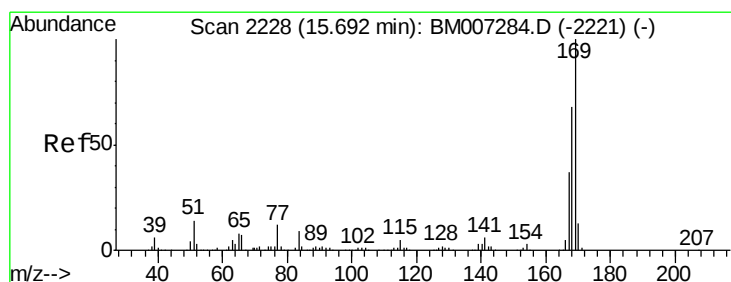
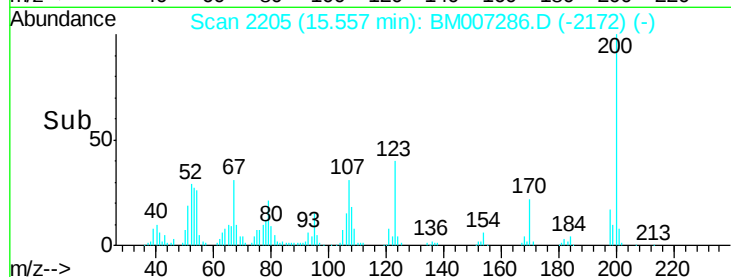
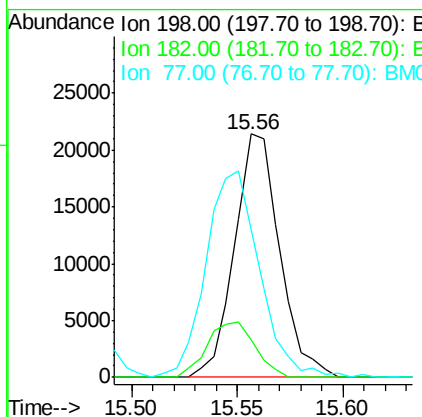
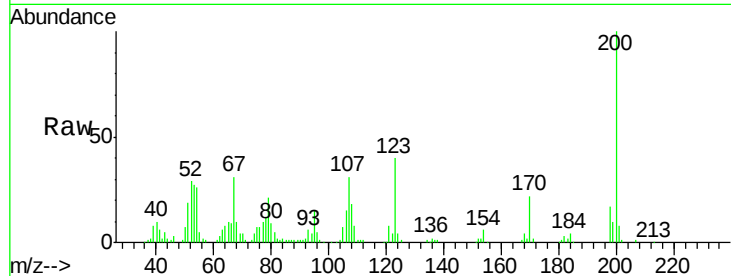
#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.94 ng/ul
 RT: 15.56 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	31774		
182	15.4	3.3	4.9#	
77	60.8	21.8	32.6#	

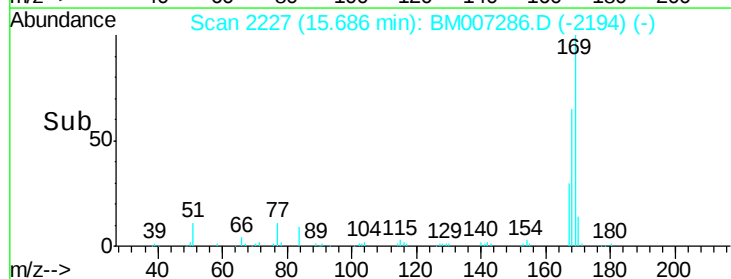
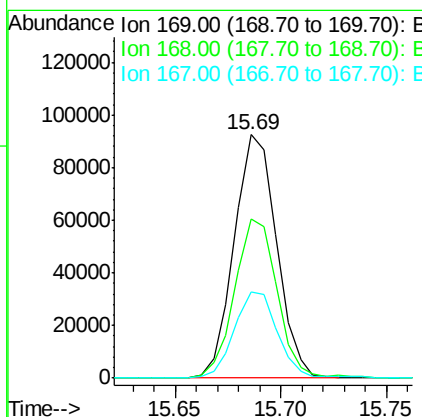
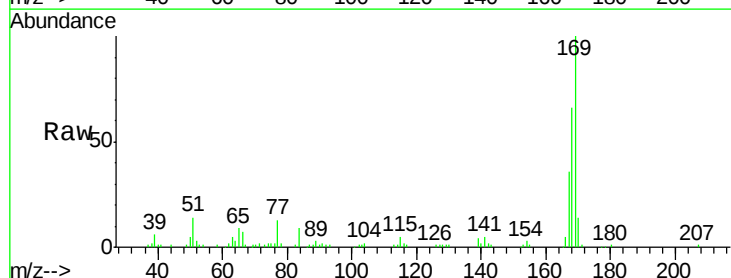
Manual Integrations
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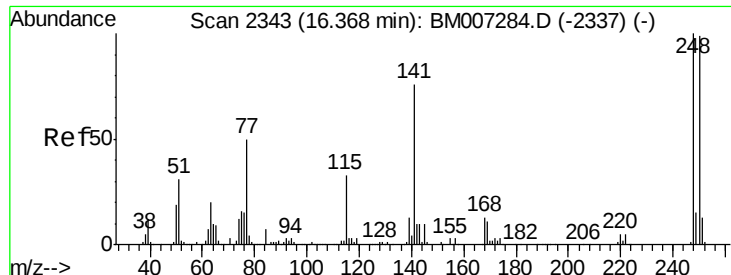
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#64
 N-Nitrosodiphenylamine
 Concen: 1.89 ng/ul
 RT: 15.69 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	128867		
168	65.5	52.6	79.0	
167	35.6	28.6	43.0	





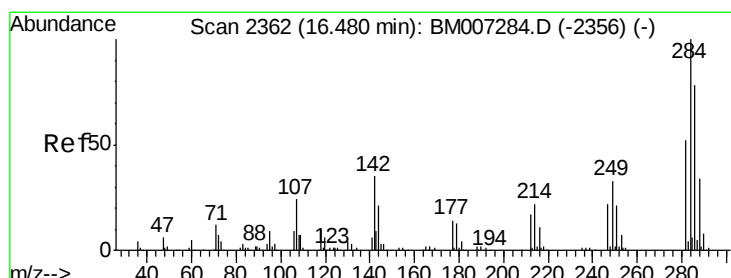
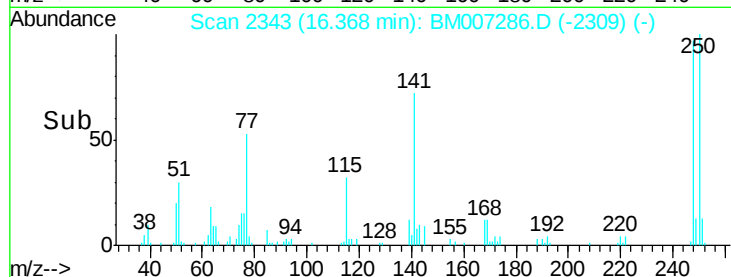
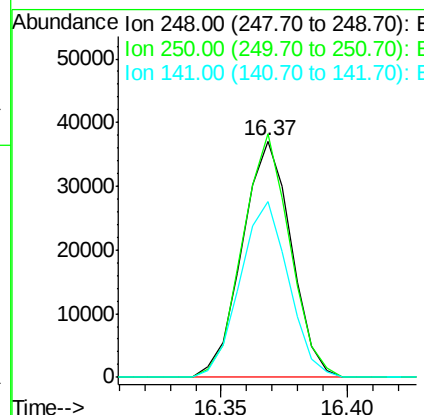
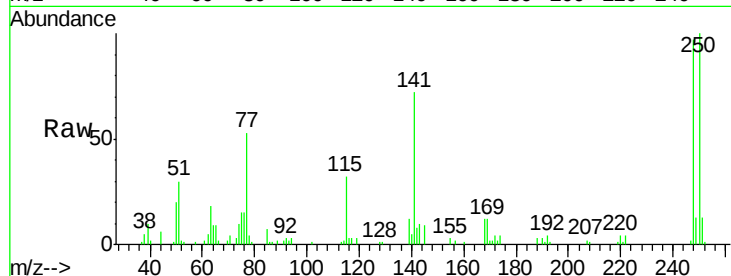
#65
4-Bromophenyl-phenylether
Concen: 1.81 ng/ul
RT: 16.37 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Instrument :
BNA_M
ClientSampled :
MDL-01-S-ML

Tgt Ion	Ratio	Lower	Upper
248	100		
250	103.1	79.7	119.5
141	74.3	58.3	87.5

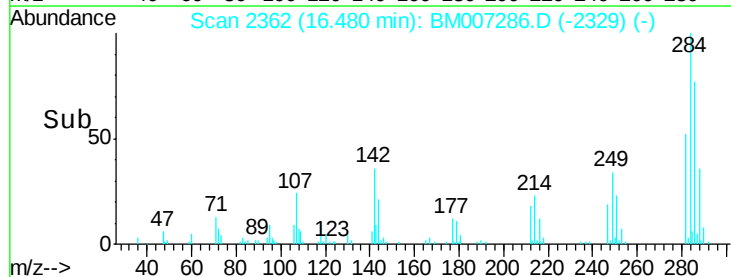
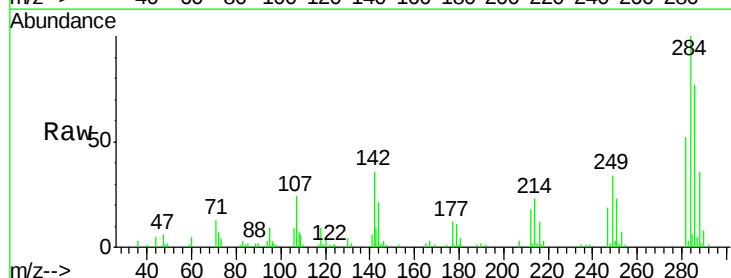
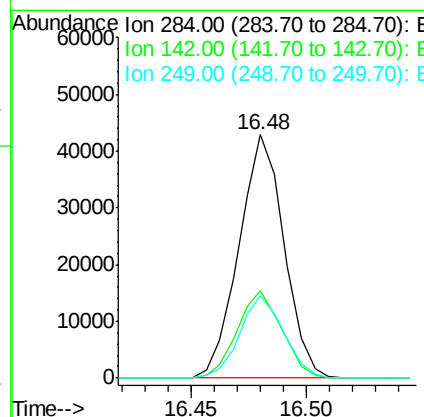
Manual Integrations
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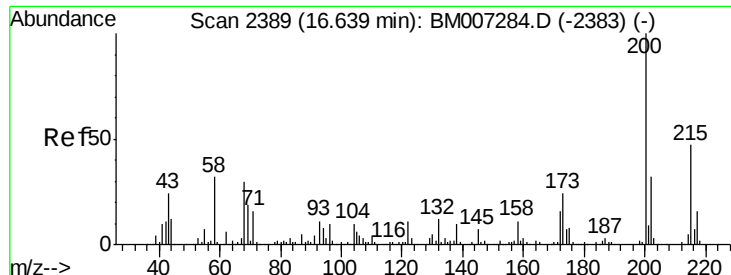
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#66
Hexachlorobenzene
Concen: 1.89 ng/ul
RT: 16.48 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	24.9	37.3
249	34.0	25.5	38.3





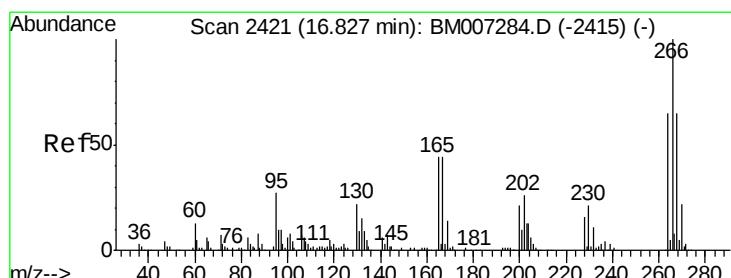
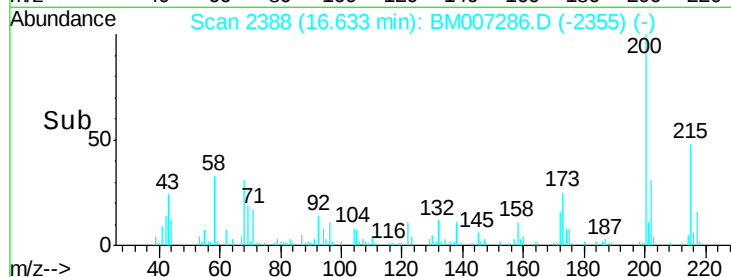
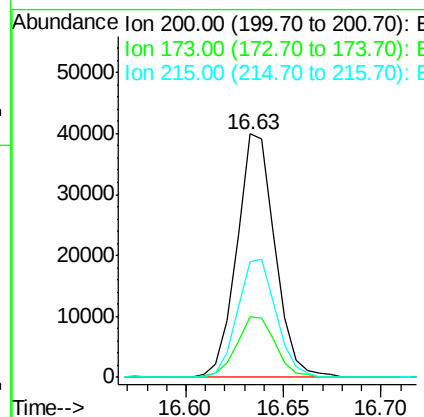
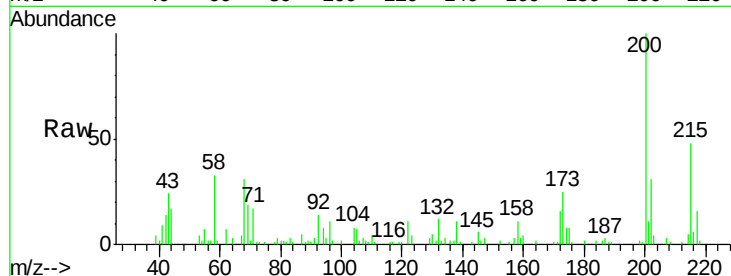
#67
Atrazine
Concen: 1.88 ng/ul
RT: 16.63 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Instrument :
BNA_M
ClientSampled :
MDL-01-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.1	18.9	28.3
215	47.5	39.5	59.3

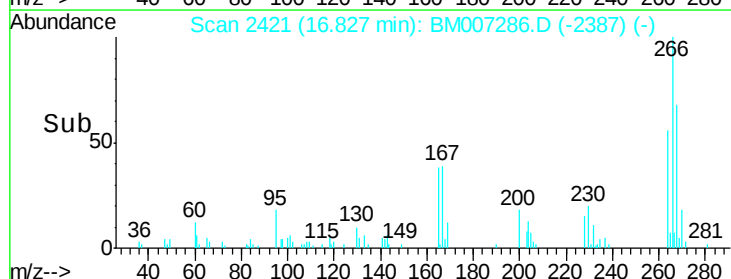
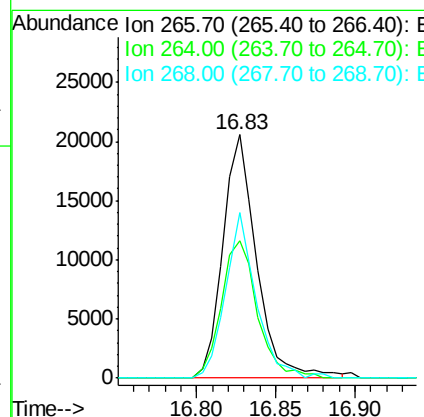
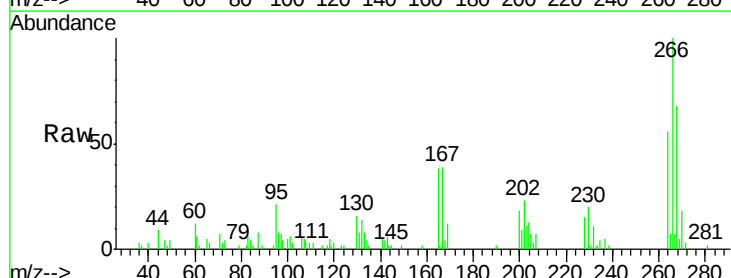
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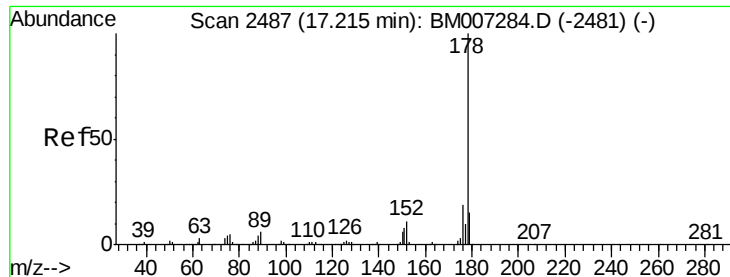
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#68
Pentachlorophenol
Concen: 1.53 ng/ul
RT: 16.83 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	56.4	50.6	75.8
268	68.1	51.0	76.6





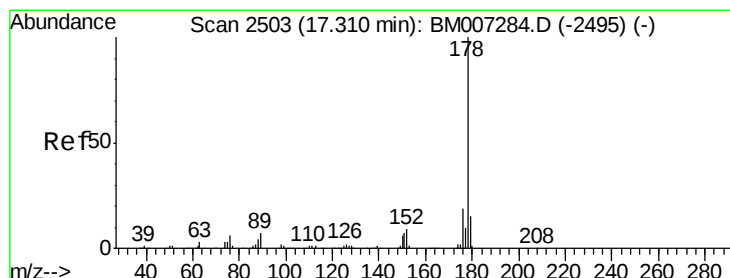
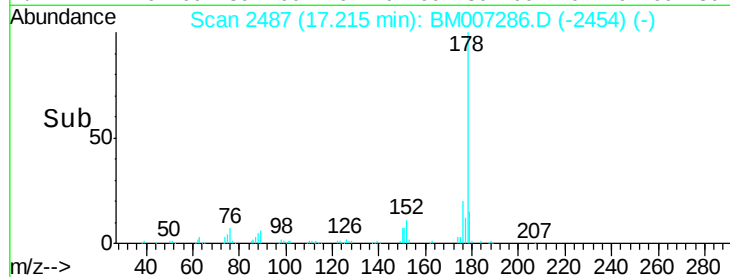
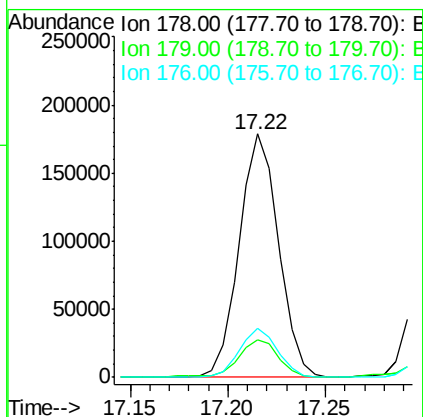
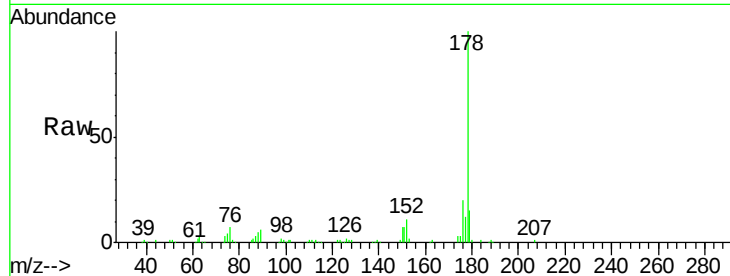
#69
Phenanthrene
Concen: 1.89 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	20.0	15.1	22.7

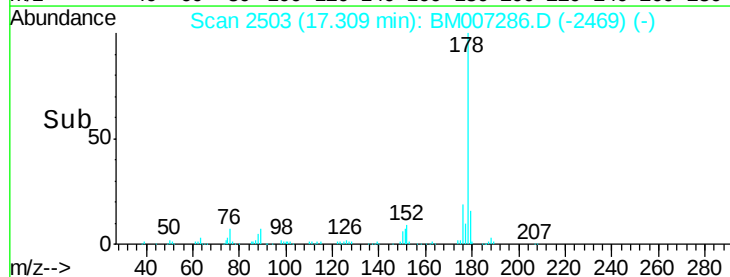
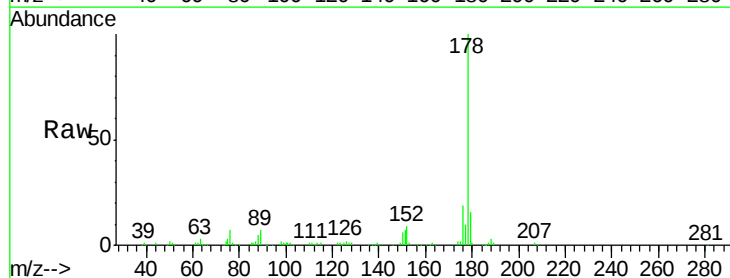
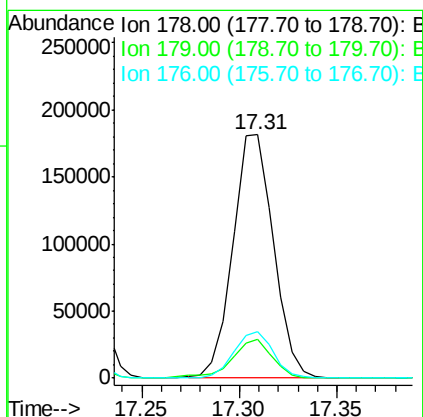
Manual Integrations
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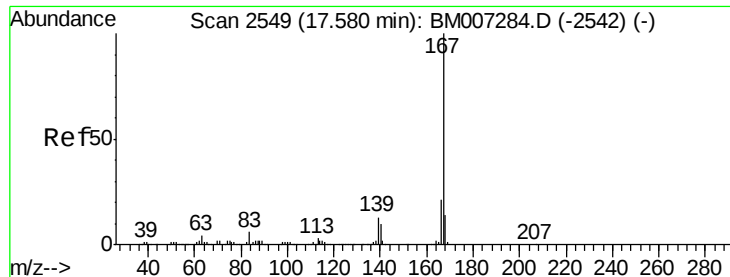
umangi
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#71
Anthracene
Concen: 1.92 ng/ul
RT: 17.31 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.1	18.1
176	19.1	14.5	21.7





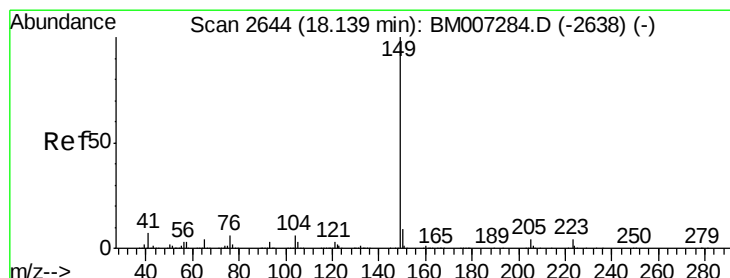
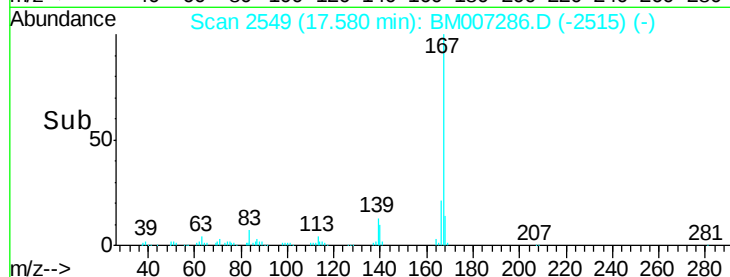
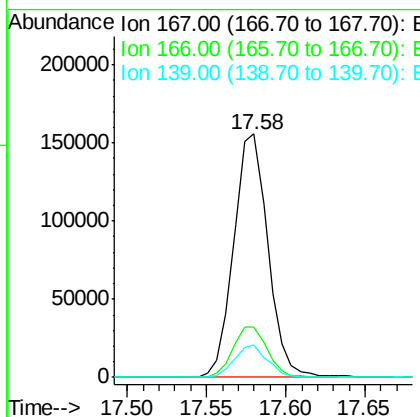
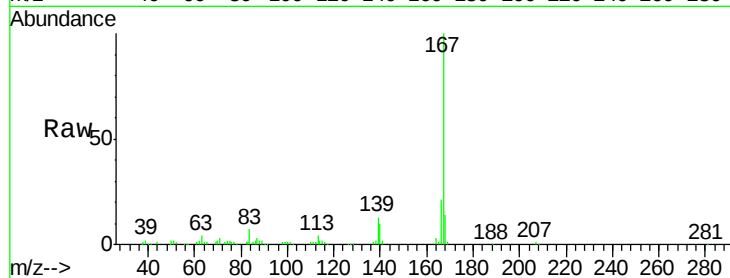
#72
 Carbazole
 Concen: 1.99 ng/ul
 RT: 17.58 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	234070		
166	20.8		16.6	25.0
139	13.2		10.2	15.4

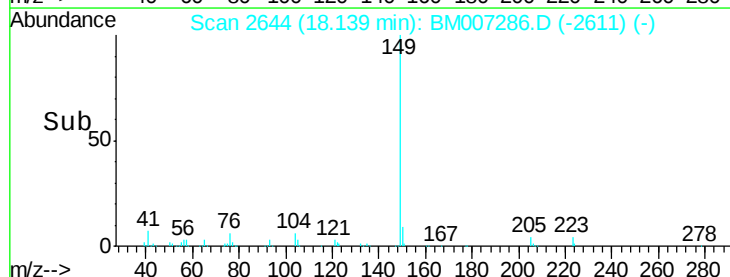
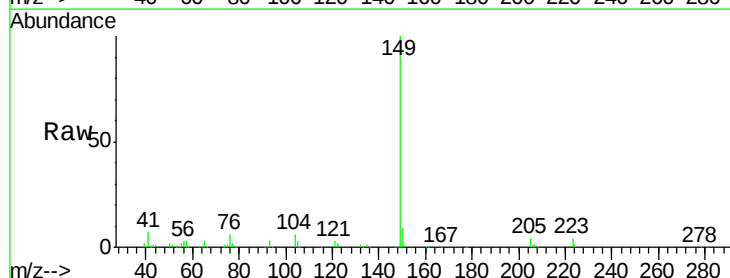
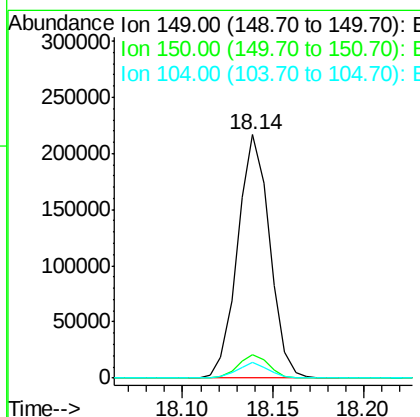
Manual Integrations
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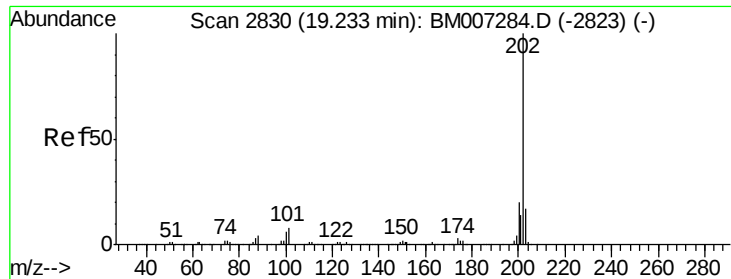
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#73
 Di-n-butylphthalate
 Concen: 1.80 ng/ul
 RT: 18.14 min Scan# 2644
 Delta R.T. -0.01 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	266891		
150	9.4		7.6	11.4
104	6.3		4.6	7.0





#74

Fluoranthene

Concen: 2.13 ng/ul

RT: 19.23 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM007286.D

Acq: 24 Aug 2016 21:01

Instrument :

BNA_M

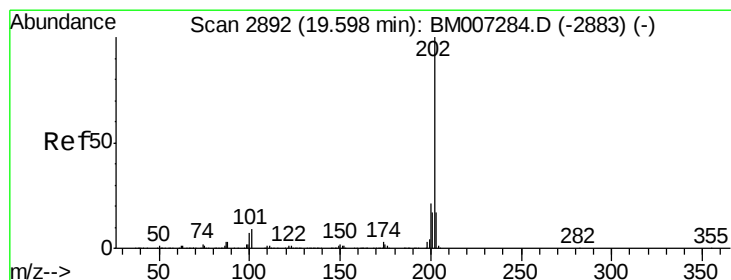
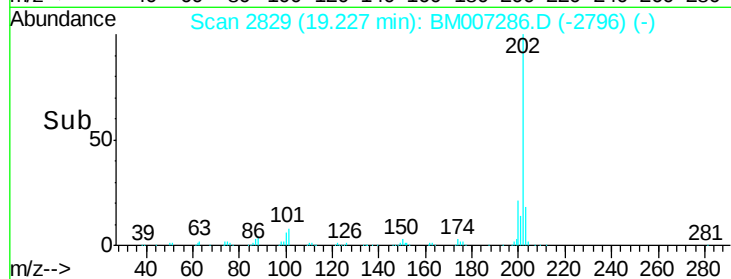
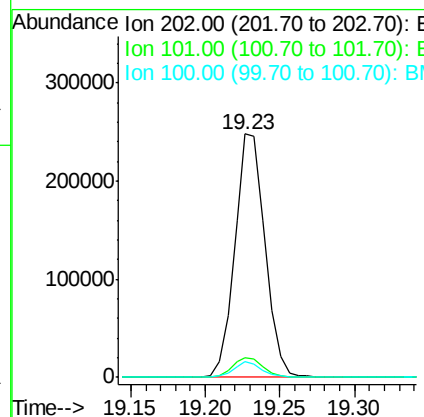
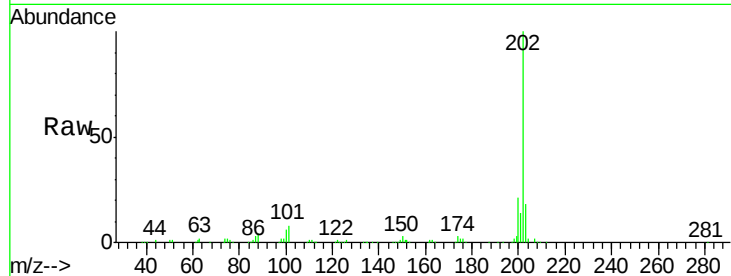
ClientSampleId :

MDL-01-S-ML

Tgt Ion:	202	Resp:	350333
Ion Ratio	Lower	Upper	
202	100		
101	7.9	6.9	10.3
100	6.5	5.4	8.0

Manual Integrations
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#77

Pyrene

Concen: 1.96 ng/ul

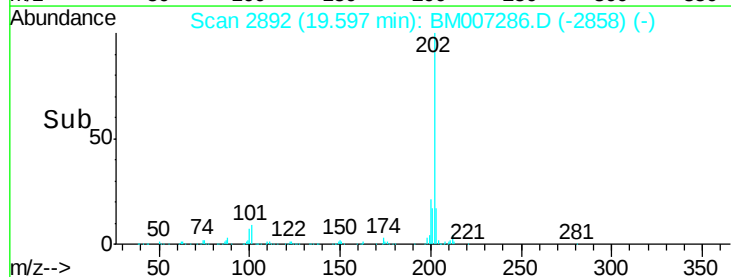
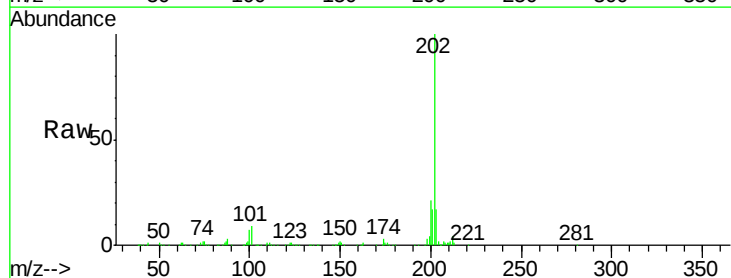
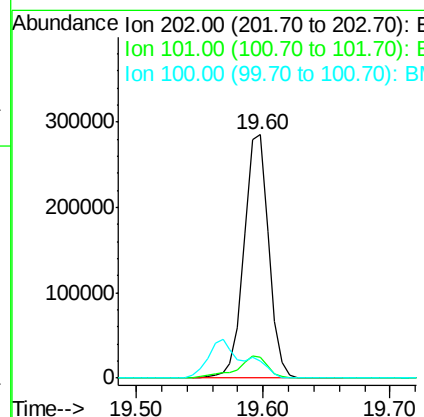
RT: 19.60 min Scan# 2892

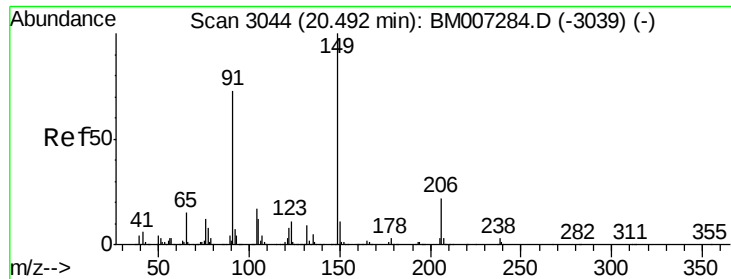
Delta R.T. -0.00 min

Lab File: BM007286.D

Acq: 24 Aug 2016 21:01

Tgt Ion:	202	Resp:	383835
Ion Ratio	Lower	Upper	
202	100		
101	8.8	8.4	12.6
100	7.1	6.9	10.3





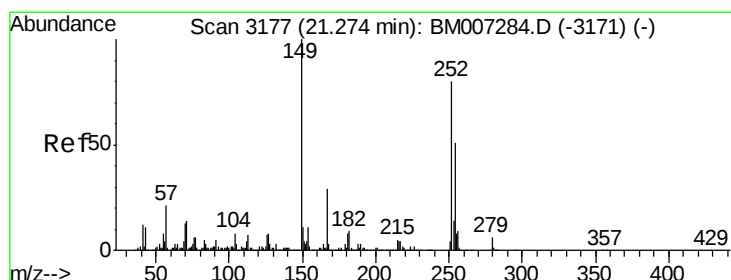
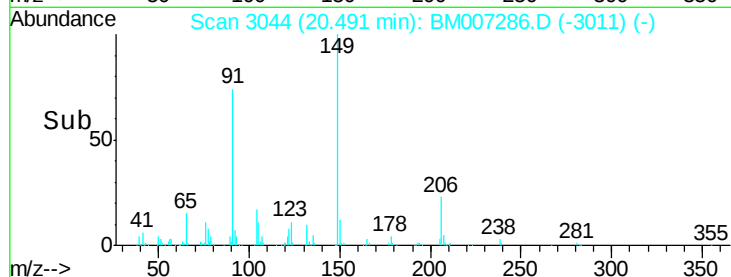
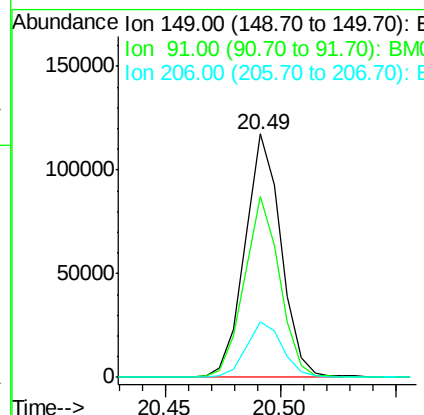
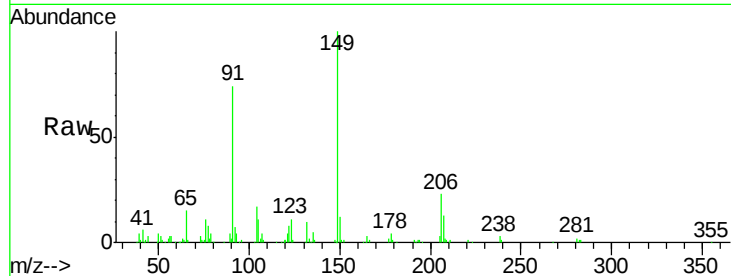
#78
Butylbenzylphthalate
Concen: 1.57 ng/ul
RT: 20.49 min Scan# 3044
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	74.4	57.3	85.9
206	22.8	18.6	27.8

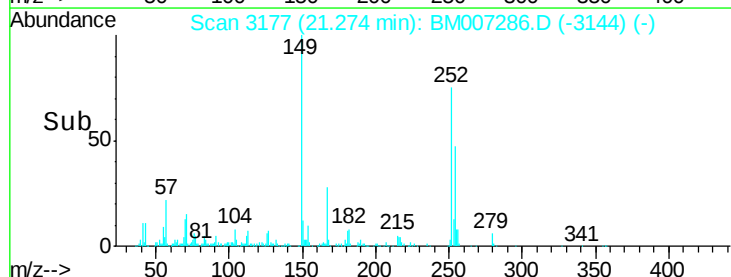
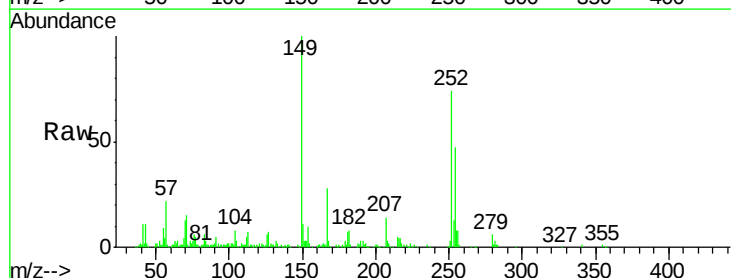
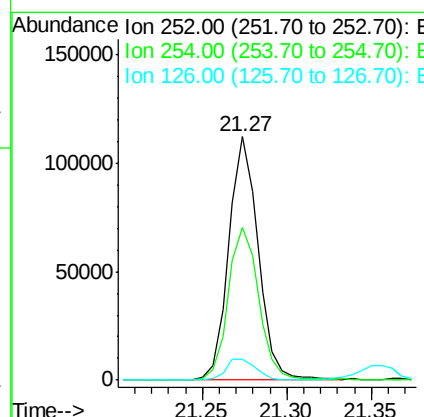
Manual Integrations
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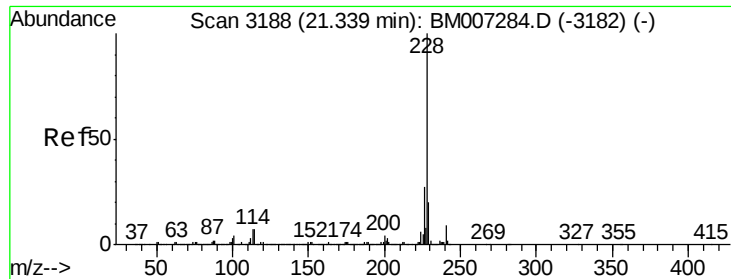
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#79
3,3'-Dichlorobenzidine
Concen: 1.89 ng/ul
RT: 21.27 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.8	51.0	76.4
126	8.5	7.1	10.7





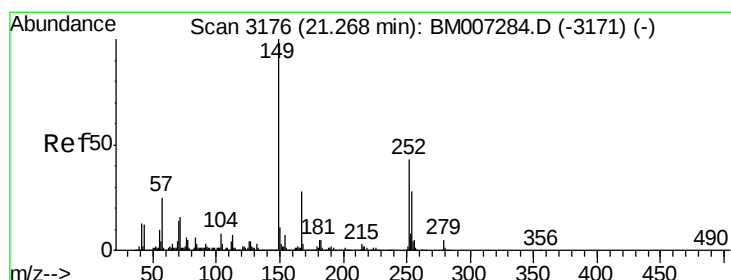
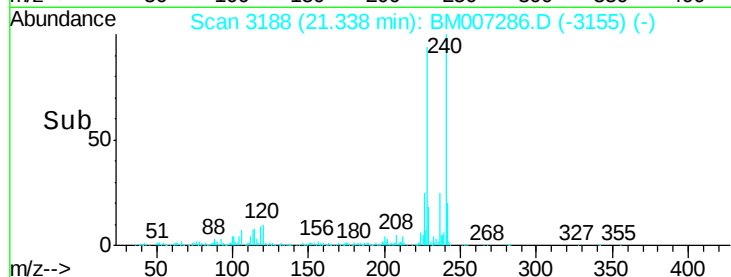
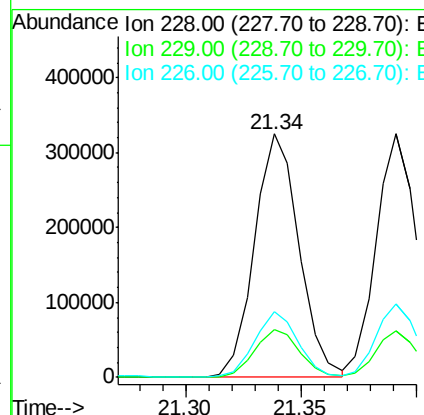
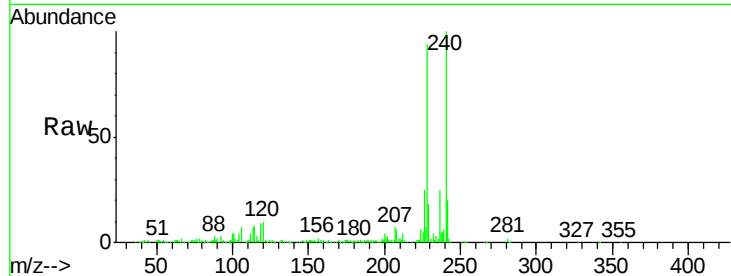
#80
 Benzo(a)anthracene
 Concen: 2.04 ng/ul
 RT: 21.34 min Scan# 3188
 Delta R.T. -0.01 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.6	23.4
226	27.2	21.8	32.8

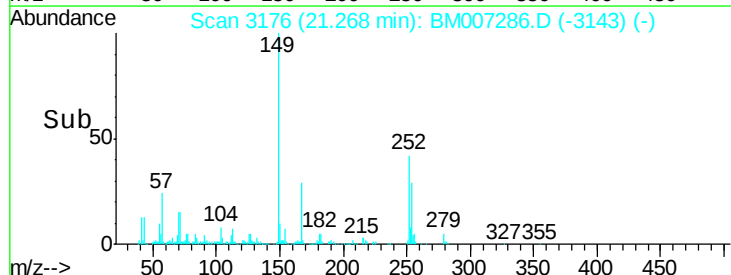
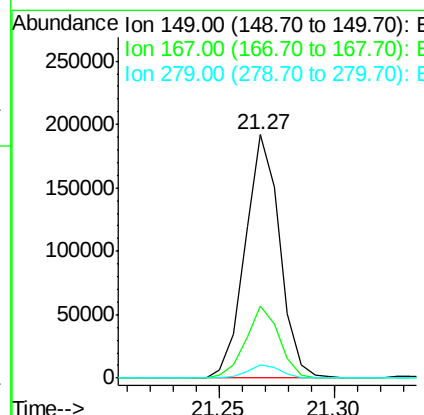
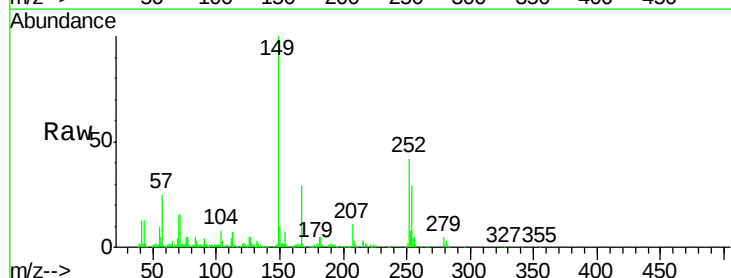
Manual Integrations
 APPROVED

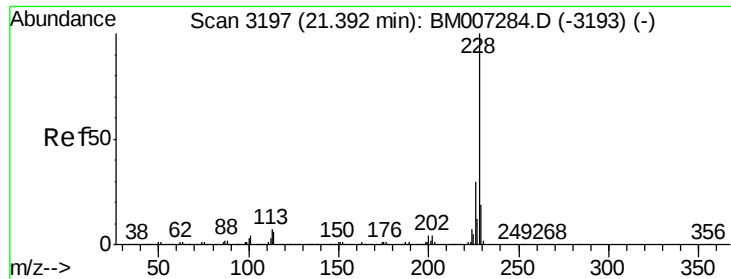
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#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.69 ng/ul
 RT: 21.27 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BM007286.D
 Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.2	34.8
279	5.3	4.1	6.1





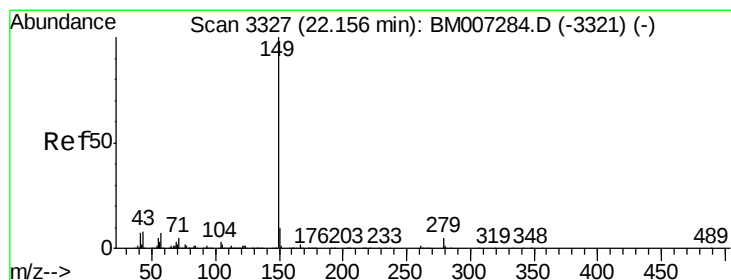
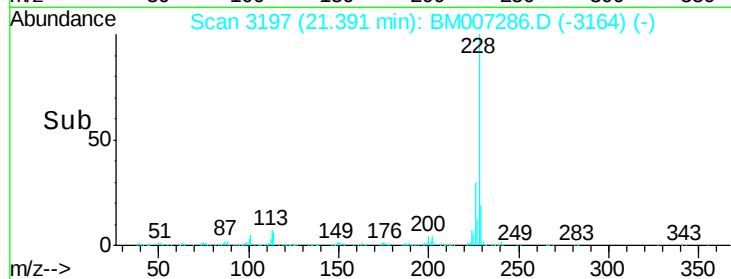
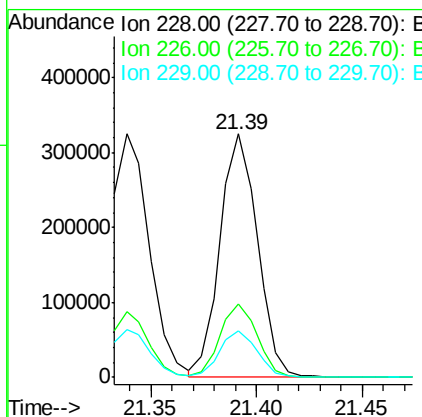
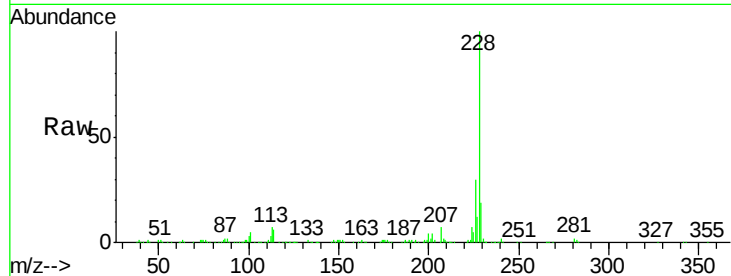
#82
Chrysene
Concen: 2.04 ng/ul
RT: 21.39 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	397192		
226	29.9		23.4	35.2
229	19.3		15.5	23.3

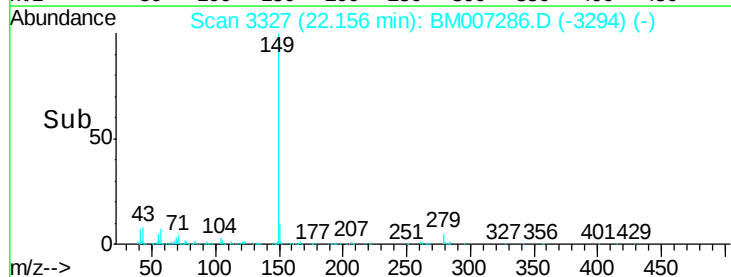
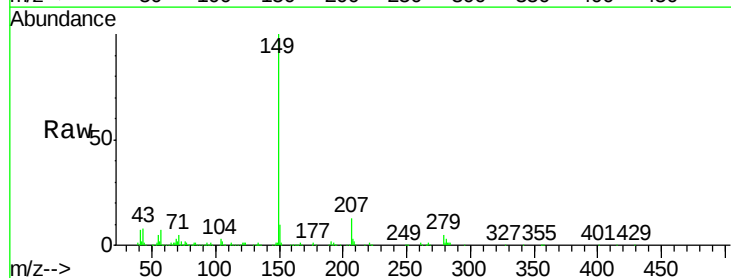
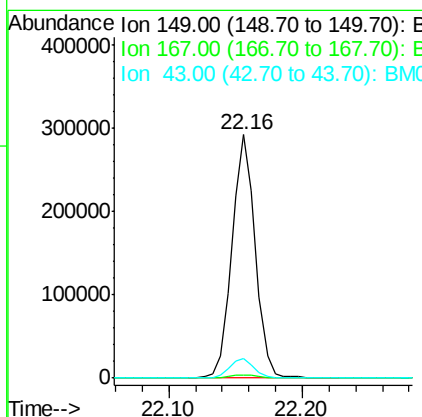
Manual Integrations
APPROVED

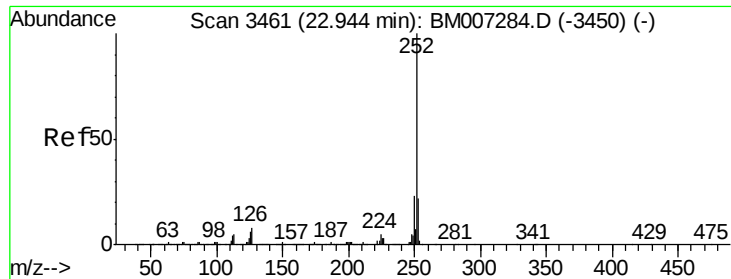
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#84
Di-n-octyl phthalate
Concen: 1.73 ng/ul
RT: 22.16 min Scan# 3327
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	352684		
167	1.3		1.3	1.9
43	8.1		6.6	10.0





#85

Benzo(b)fluoranthene

Concen: 1.95 ng/ul

RT: 22.94 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM007286.D

Acq: 24 Aug 2016 21:01

Instrument :

BNA_M

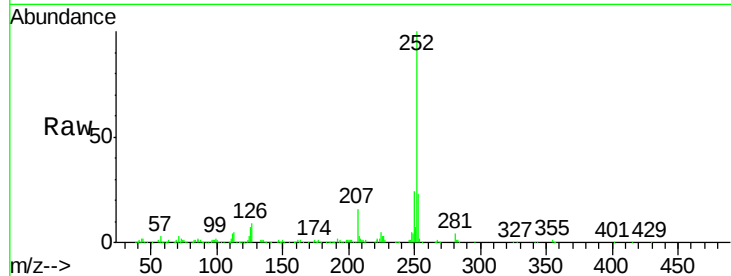
ClientSampleId :

MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	471920		
253	23.1	17.1	25.7	
125	6.9	5.8	8.8	

Manual Integrations
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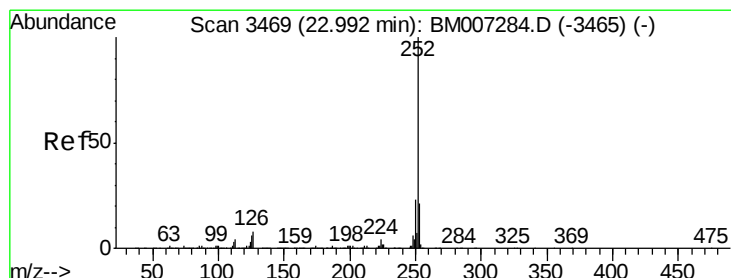
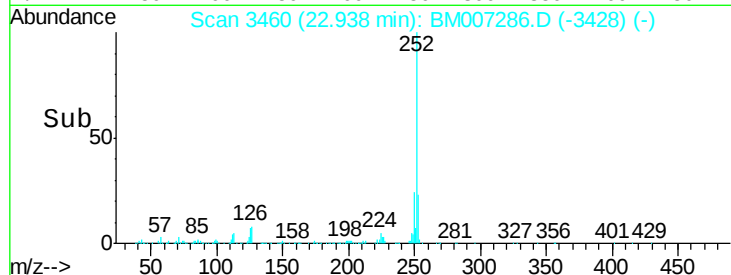
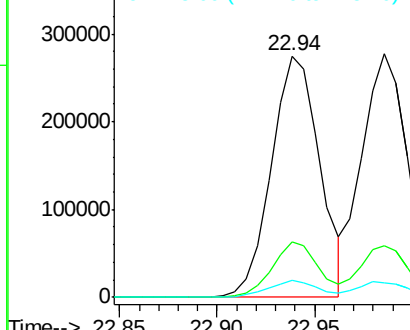
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 2.03 ng/ul

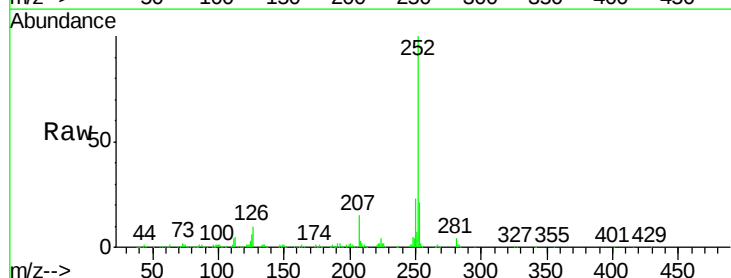
RT: 22.99 min Scan# 3468

Delta R.T. -0.01 min

Lab File: BM007286.D

Acq: 24 Aug 2016 21:01

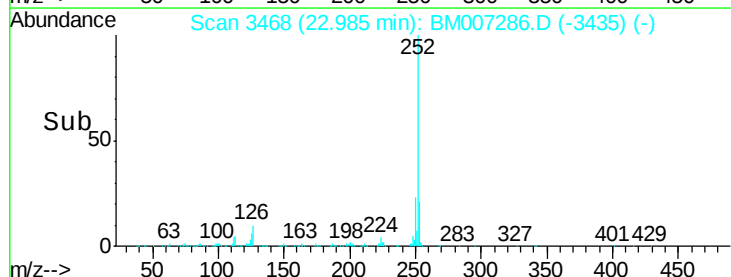
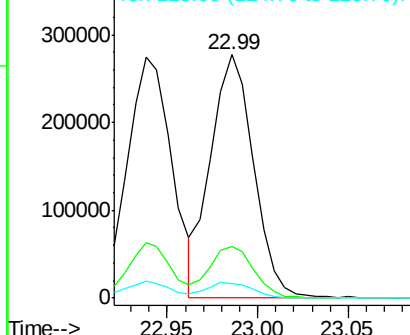
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	454860		
253	21.4	17.6	26.4	
125	5.7	5.7	8.5	

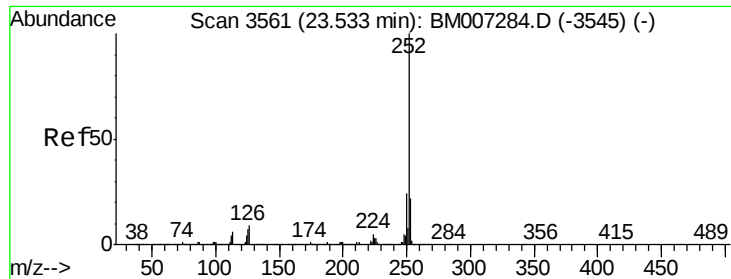


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





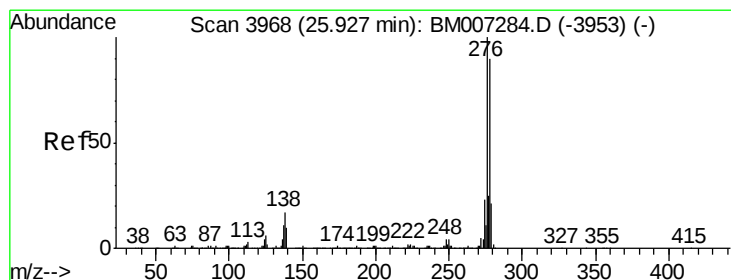
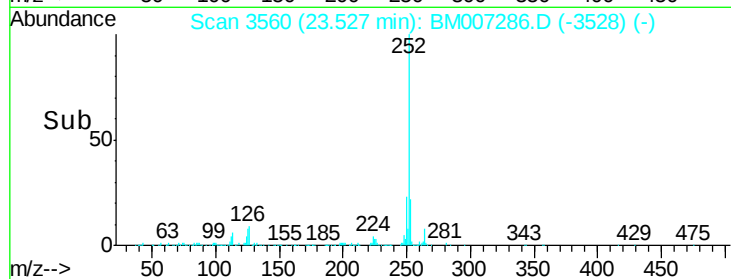
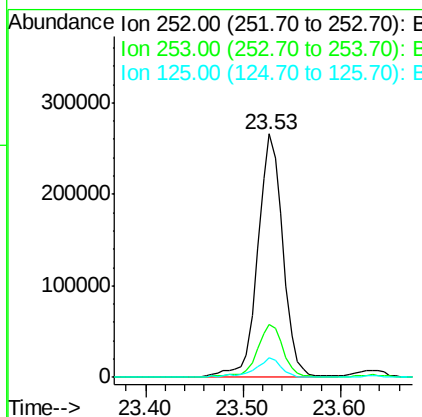
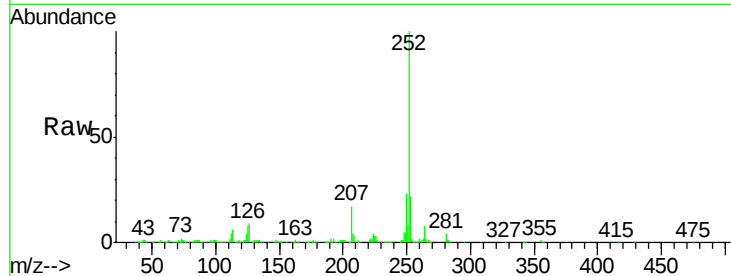
#88
Benzo(a)pyrene
Concen: 2.08 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	8.3	6.6	9.8

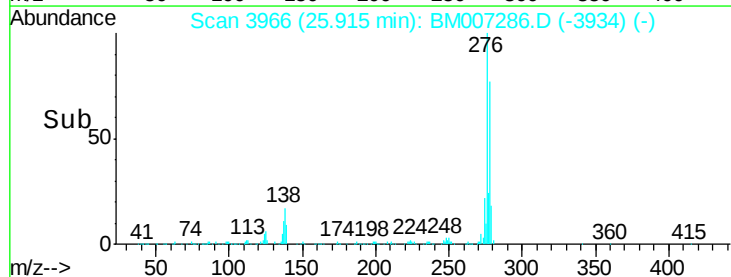
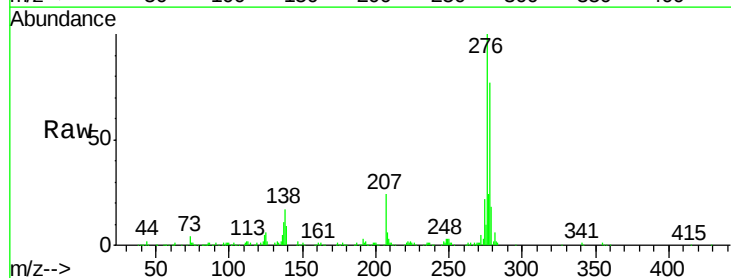
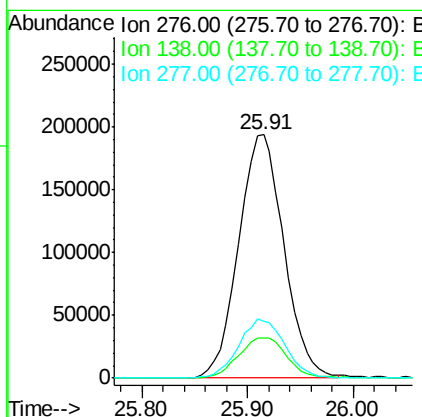
Manual Integrations
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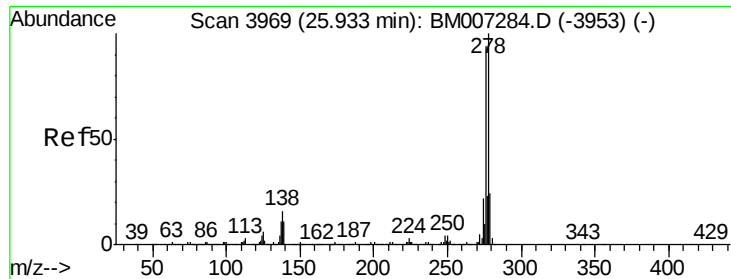
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.03 ng/ul
RT: 25.91 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.7	13.9	20.9
277	23.6	20.1	30.1





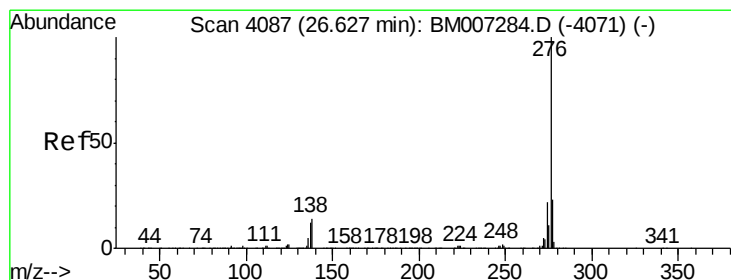
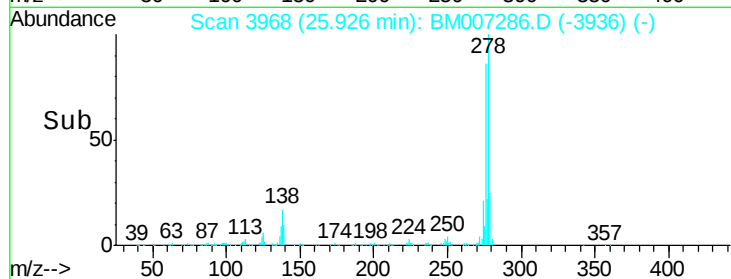
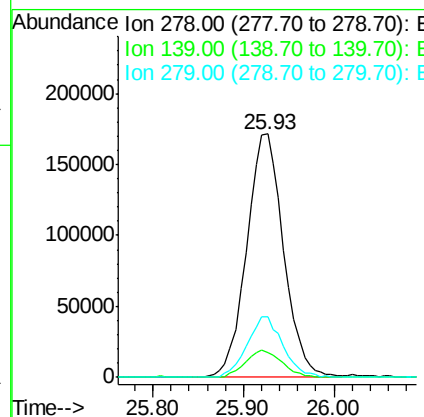
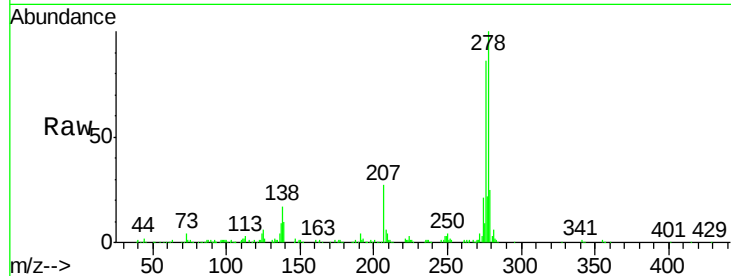
#90
Dibenzo(a,h)anthracene
Concen: 2.05 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.01 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.0	9.5	14.3
279	24.7	19.1	28.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.00 ng/ul
RT: 26.61 min Scan# 4085
Delta R.T. -0.02 min
Lab File: BM007286.D
Acq: 24 Aug 2016 21:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.7	13.5	20.3
277	24.6	19.3	28.9

