

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
 Data File : BM007290.D
 Acq On : 24 Aug 2016 23:27
 Operator : UM/SJ
 Sample : MDL-05-S-ML
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S-ML

Manual Integrations
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 8/25/2016 6:31:39 PM

Quant Time: Aug 25 10:34:04 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	279362	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1435032	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	1038058	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2851531	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	4184175	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	4717169	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	15473	2.83	ng/uL	0.00
5) Phenol-d5	6.97	99	724791	27.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	419559	30.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	555574	28.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	646771	28.10	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	311117	29.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	372976	30.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	664414	27.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	927066	30.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	2768811	30.92	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	3064928	29.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	530431	31.37	ng/ul	0.00
57) Fluorene-d10	15.43	176	2292996	29.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	550676	30.71	ng/ul	0.00
70) Anthracene-d10	17.27	188	3956043	29.70	ng/ul	0.00
76) Pyrene-d10	19.57	212	5095371	29.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	6429425	29.59	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.34	88	4151m	0.68	ng/ul
4) Benzaldehyde	6.95	77	51140	3.40	ng/ul 98
6) Phenol	6.99	94	68473	2.50	ng/ul 89
8) Bis(2-Chloroethyl)ether	7.23	93	54061	2.84	ng/ul 97
10) 2-Chlorophenol	7.36	128	51636	2.59	ng/ul 96
11) 2-Methylphenol	8.24	108	52211	2.44	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	58551	2.73	ng/ul 98
14) Acetophenone	8.62	105	99853	2.83	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.60	70	51547	2.75	ng/ul# 97
16) 4-Methylphenol	8.56	108	61130	2.55	ng/ul 96
17) Hexachloroethane	8.87	117	19787	2.55	ng/ul 92
20) Nitrobenzene	9.00	77	73712	2.72	ng/ul 97
21) Isophorone	9.52	82	148131	2.69	ng/ul 97
23) 2-Nitrophenol	9.70	139	36974	2.76	ng/ul 96
24) 2,4-Dimethylphenol	9.76	107	76178	2.58	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.00	93	79455	2.56	ng/ul 96
27) 2,4-Dichlorophenol	10.23	162	61995	2.55	ng/ul 88
28) Naphthalene	10.63	128	189156	2.65	ng/ul 99
30) 4-Chloroaniline	10.75	127	88570	2.82	ng/ul 94
31) Hexachlorobutadiene	10.92	225	43789	2.66	ng/ul 97
32) Caprolactam	11.57	113	25523m	2.60	ng/ul
33) 4-Chloro-3-methylphenol	11.87	107	76536	2.54	ng/ul 95
34) 2-Methylnaphthalene	12.24	142	155917	2.67	ng/ul 99

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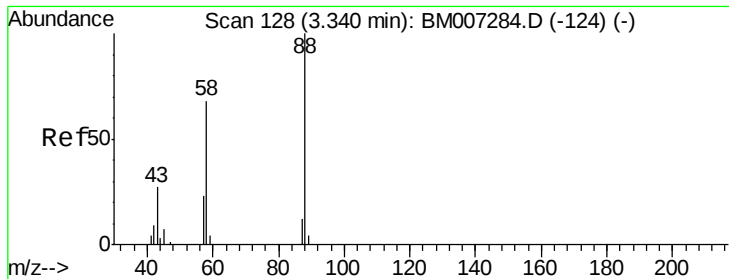
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	94780	2.74	ng/ul	98
37) Hexachlorocyclopentadiene	12.60	237	44923	2.15	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	59740	2.44	ng/ul	94
39) 2,4,5-Trichlorophenol	12.93	196	62839	2.47	ng/ul	94
40) 1,1'-Biphenyl	13.26	154	217457	2.70	ng/ul	96
41) 2-Chloronaphthalene	13.30	162	172066	2.73	ng/ul	96
42) 2-Nitroaniline	13.51	65	52697	2.56	ng/ul	94
44) Dimethylphthalate	13.89	163	256839	2.88	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	48488	2.66	ng/ul	94
47) Acenaphthylene	14.15	152	290165	2.72	ng/ul	98
48) 3-Nitroaniline	14.34	138	48182	2.59	ng/ul	97
49) Acenaphthene	14.49	153	188495	2.71	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	24035	1.94	ng/ul	94
52) 4-Nitrophenol	14.64	109	56152	3.12	ng/ul	89
53) Dibenzofuran	14.83	168	285812	2.75	ng/ul	96
54) 2,4-Dinitrotoluene	14.80	165	80164	2.87	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	67466	2.58	ng/ul	94
56) Diethylphthalate	15.26	149	264357	2.84	ng/ul	99
58) Fluorene	15.48	166	244699	2.86	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.47	204	129793	2.90	ng/ul	99
60) 4-Nitroaniline	15.50	138	59652	2.82	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.56	198	55904	2.92	ng/ul#	82
64) N-Nitrosodiphenylamine	15.69	169	217659	2.73	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	88459	2.75	ng/ul	95
66) Hexachlorobenzene	16.48	284	101109	2.80	ng/ul	97
67) Atrazine	16.64	200	94441	2.81	ng/ul	98
68) Pentachlorophenol	16.83	266	52562	2.26	ng/ul	96
69) Phenanthrene	17.22	178	430393	2.81	ng/ul	99
71) Anthracene	17.31	178	442987	2.80	ng/ul	99
72) Carbazole	17.58	167	397940	2.90	ng/ul	99
73) Di-n-butylphthalate	18.14	149	477894	2.77	ng/ul	99
74) Fluoranthene	19.23	202	596078	3.10	ng/ul	99
77) Pyrene	19.60	202	636899	2.84	ng/ul	96
78) Butylbenzylphthalate	20.49	149	229460	2.46	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	239079	2.88	ng/ul	99
80) Benzo(a)anthracene	21.34	228	716379	2.90	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.27	149	349425	2.58	ng/ul	98
82) Chrysene	21.39	228	643577	2.88	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	627926	2.67	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	799064	2.86	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	740493	2.87	ng/ul	99
88) Benzo(a)pyrene	23.53	252	777454	2.91	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	950824	2.90	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	796538	2.92	ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	784905	2.82	ng/ul	98

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



#2

1,4-Dioxane

Concen: 0.68 ng/uL m

RT: 3.34 min Scan# 128

Delta R.T. -0.01 min

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Acq: 24 Aug 2016 23:27

Instrument :

BNA_M

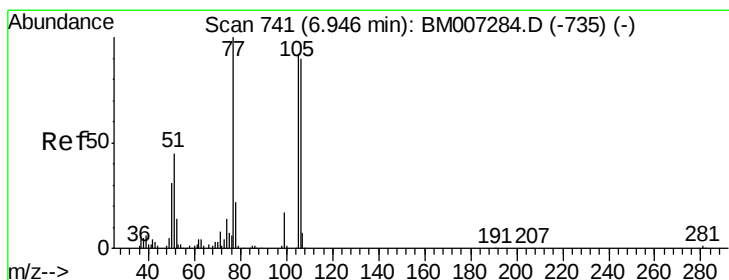
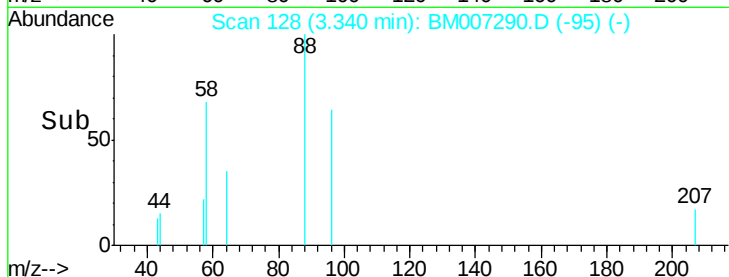
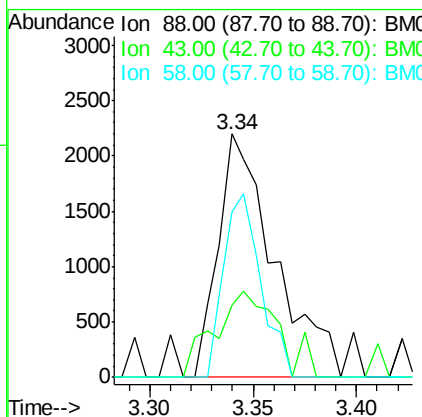
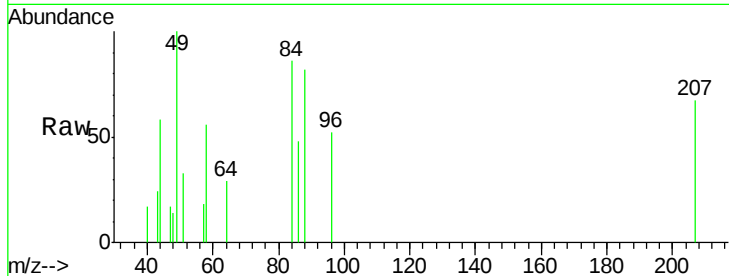
ClientSampleId :

MDL-05-S-ML

Tgt Ion:	88	Resp:	4151
Ion	Ratio	Lower	Upper
88	100		
43	26.9	22.6	34.0
58	49.9	57.3	85.9#

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#4

Benzaldehyde

Concen: 3.40 ng/uL

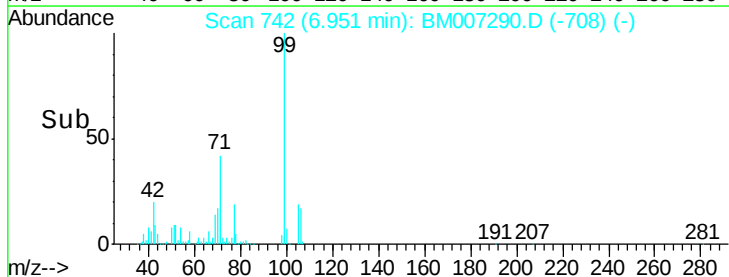
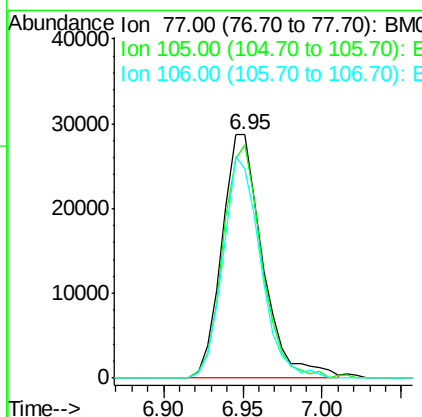
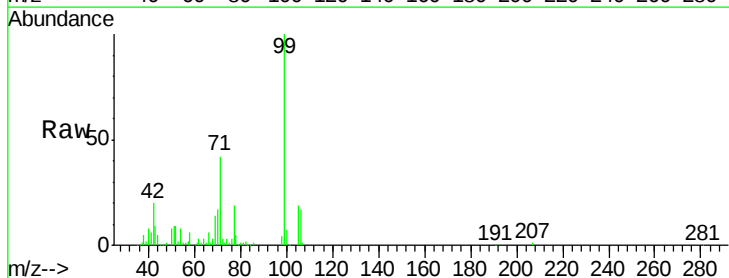
RT: 6.95 min Scan# 742

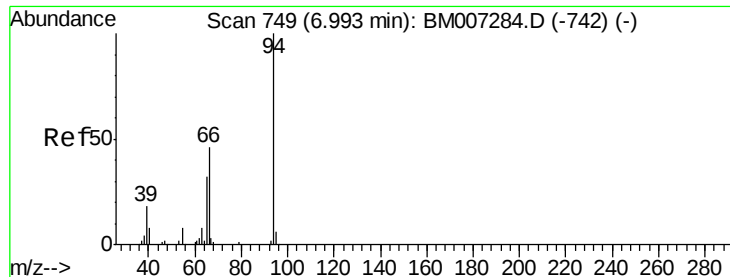
Delta R.T. -0.00 min

Lab File: BM007290.D

Acq: 24 Aug 2016 23:27

Tgt Ion:	77	Resp:	51140
Ion	Ratio	Lower	Upper
77	100		
105	95.8	76.9	115.3
106	86.0	71.8	107.8





#6

Phenol

Concen: 2.50 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007290.D

Acq: 24 Aug 2016 23:27

Instrument :

BNA_M

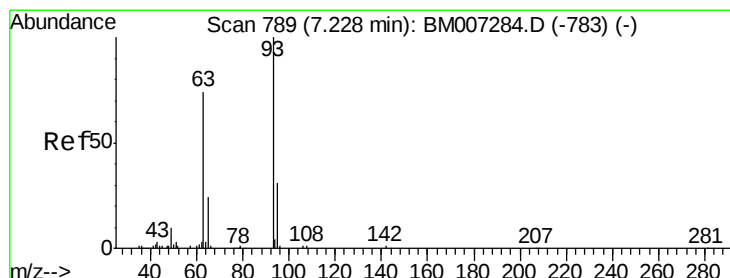
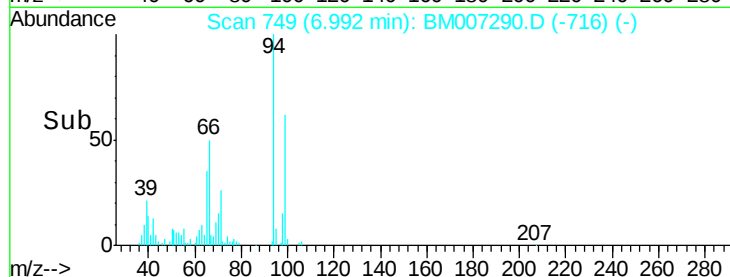
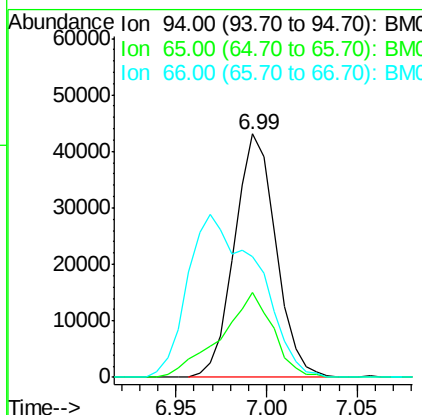
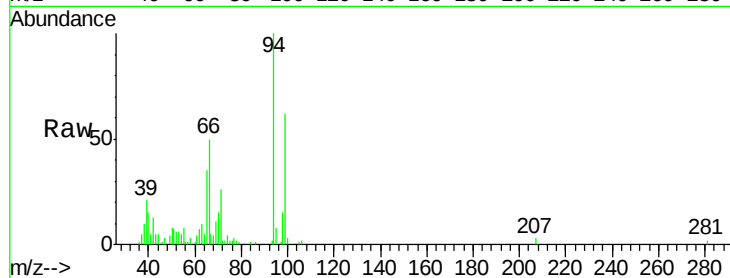
ClientSampleId :

MDL-05-S-ML

Tgt Ion:	94	Resp:	68473
Ion	Ratio	Lower	Upper
94	100		
65	35.1	23.9	35.9
66	49.5	33.5	50.3

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#8

Bis(2-Chloroethyl)ether

Concen: 2.84 ng/ul

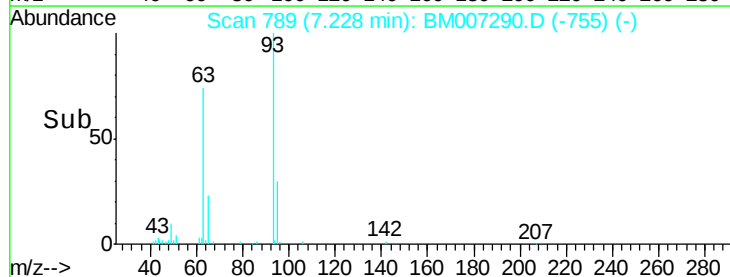
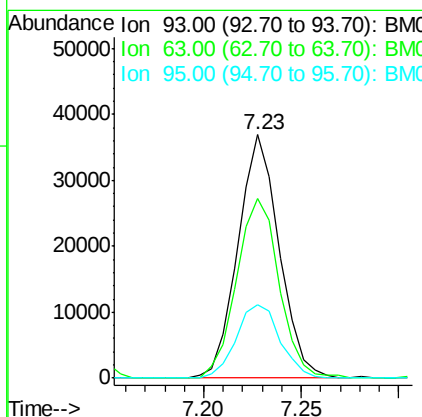
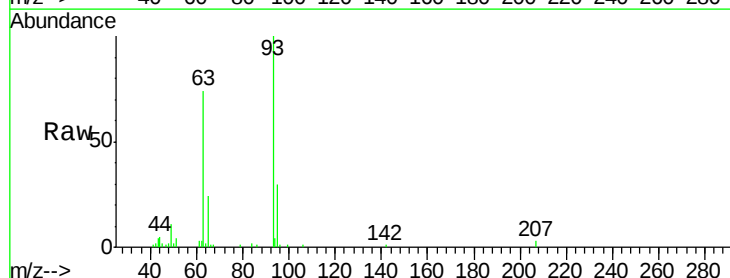
RT: 7.23 min Scan# 789

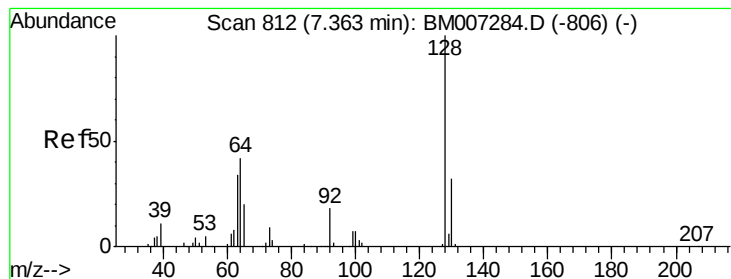
Delta R.T. -0.00 min

Lab File: BM007290.D

Acq: 24 Aug 2016 23:27

Tgt Ion:	93	Resp:	54061
Ion	Ratio	Lower	Upper
93	100		
63	73.7	57.3	85.9
95	30.0	25.1	37.7





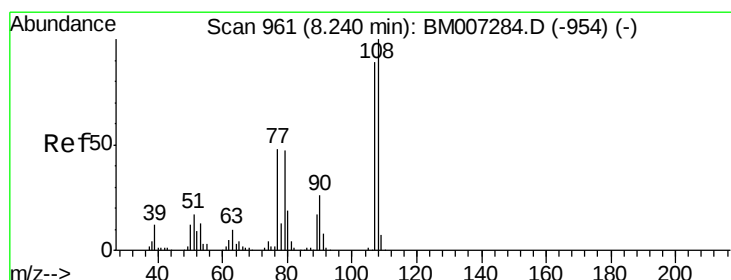
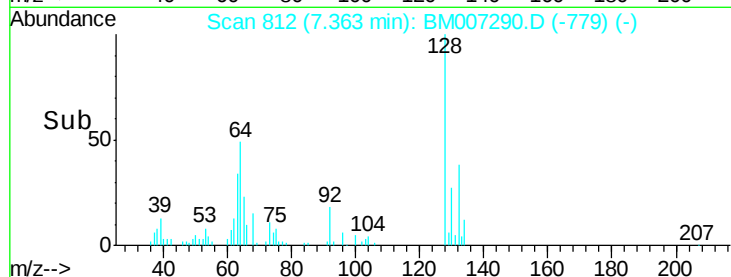
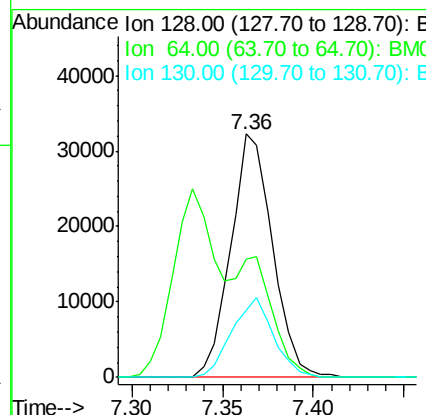
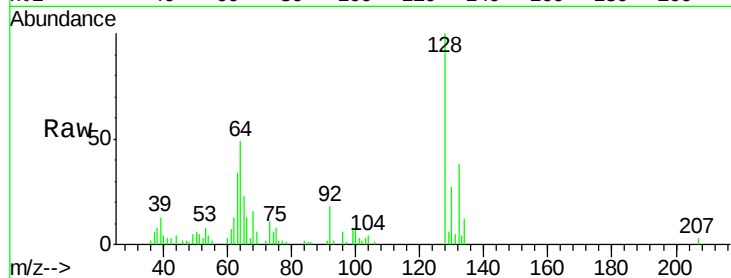
#10
2-Chlorophenol
Concen: 2.59 ng/ul
RT: 7.36 min Scan# 812
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

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ClientSampleId :
MDL-05-S-ML

Tgt Ion	Ratio	Lower	Upper
128	100		
64	48.6	37.5	56.3
130	27.3	25.0	37.4

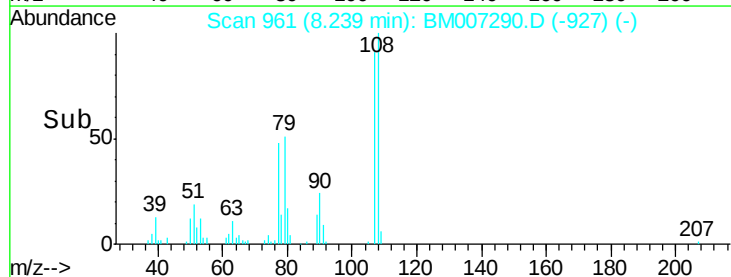
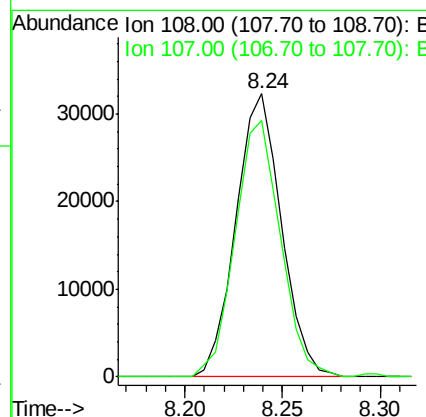
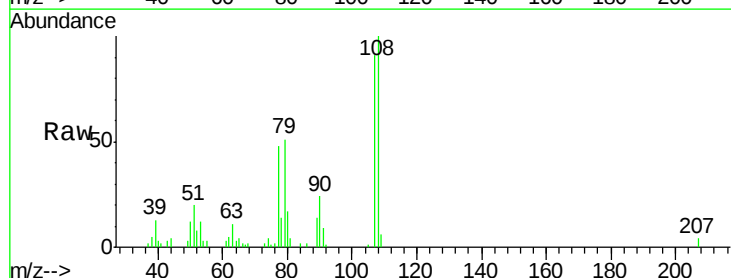
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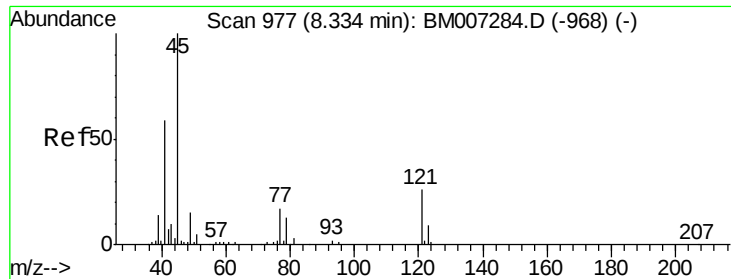
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#11
2-Methylphenol
Concen: 2.44 ng/ul
RT: 8.24 min Scan# 961
Delta R.T. -0.00 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Lower	Upper
108	100		
107	90.7	71.8	107.6





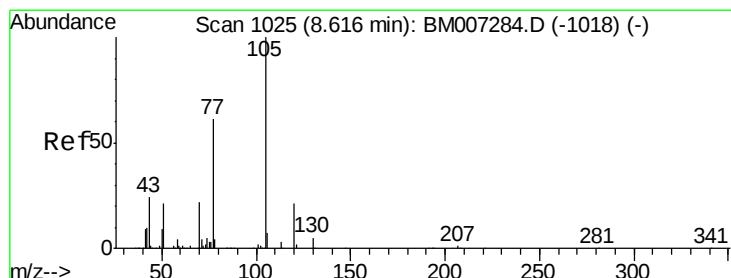
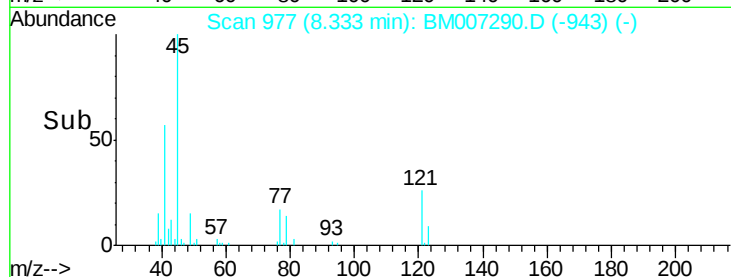
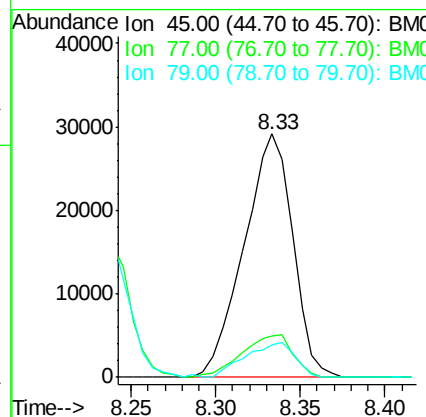
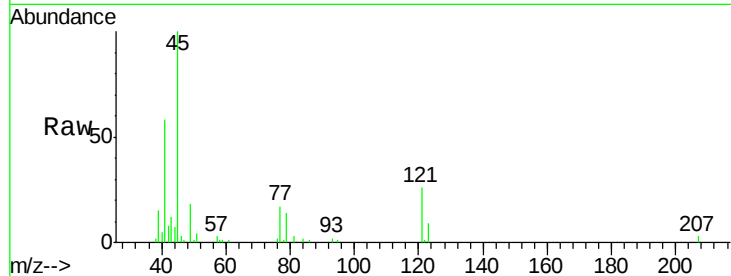
#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.73 ng/ul
RT: 8.33 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM007290.D
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	14.1	21.1
79	13.5	10.4	15.6

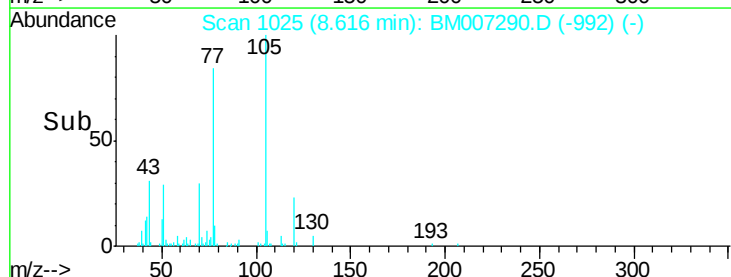
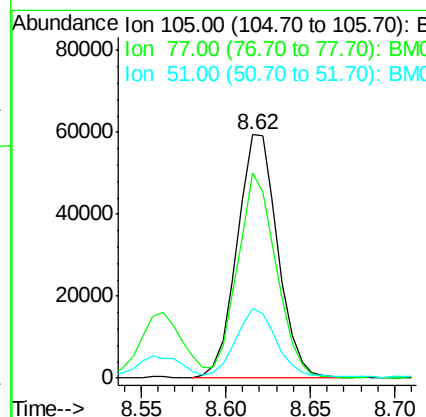
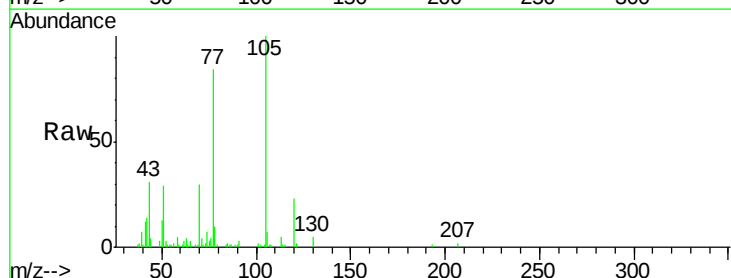
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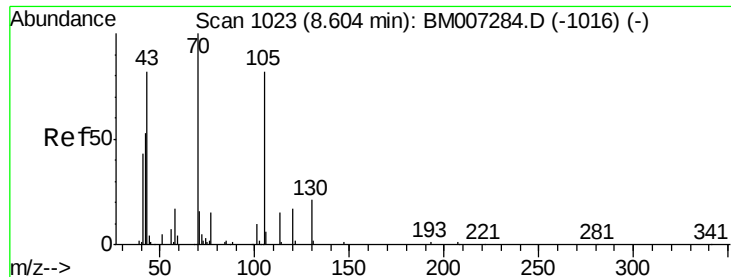
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#14
Acetophenone
Concen: 2.83 ng/ul
RT: 8.62 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Lower	Upper
105	100		
77	84.3	65.9	98.9
51	28.8	22.2	33.2





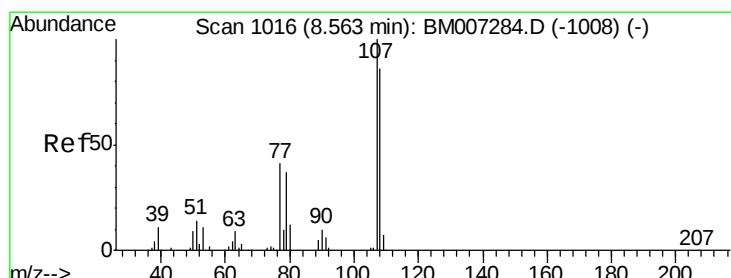
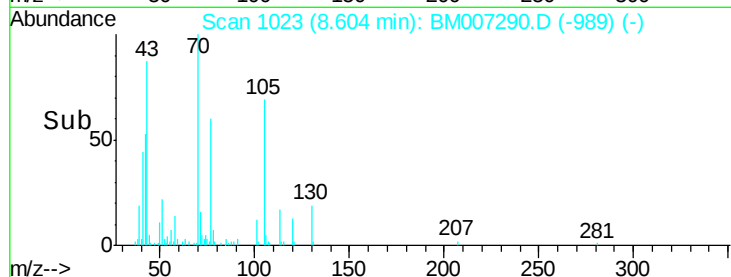
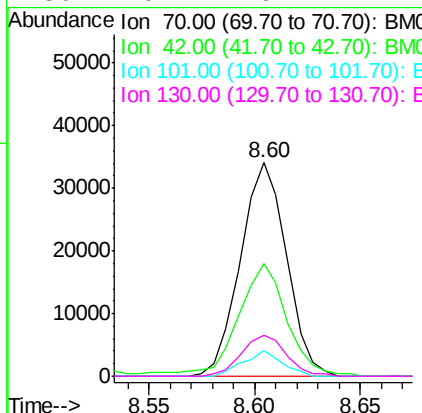
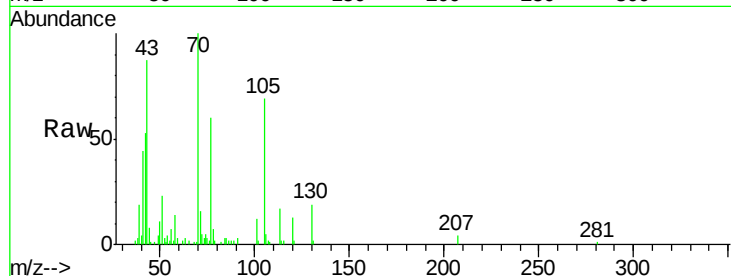
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N-Nitroso-di-n-propylamine
Concen: 2.75 ng/ul
RT: 8.60 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

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MDL-05-S-ML

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.7	43.4	65.2
101	12.1	7.8	11.6
130	19.4	16.2	24.4

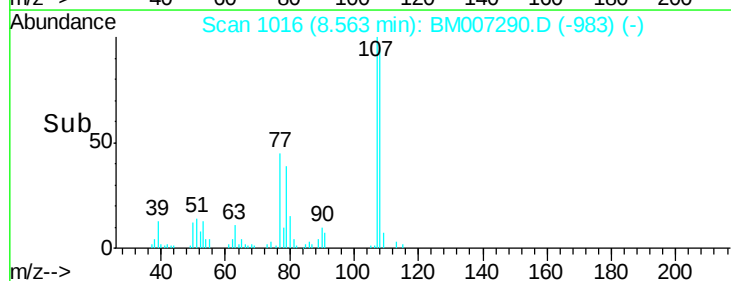
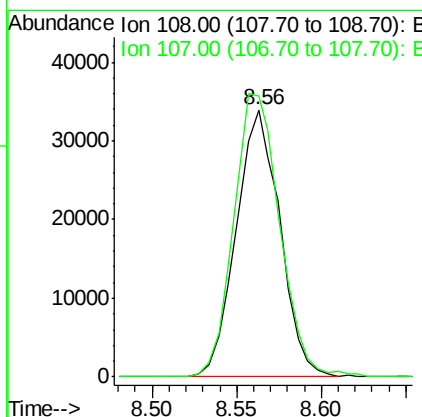
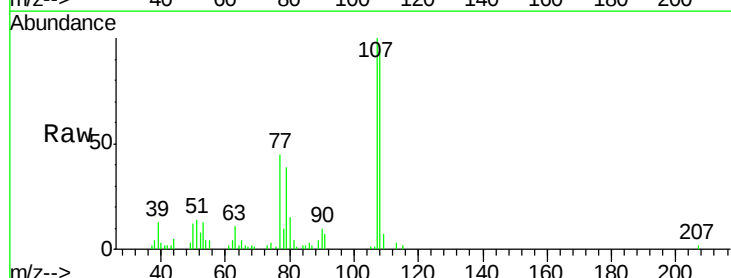
Manual Integrations
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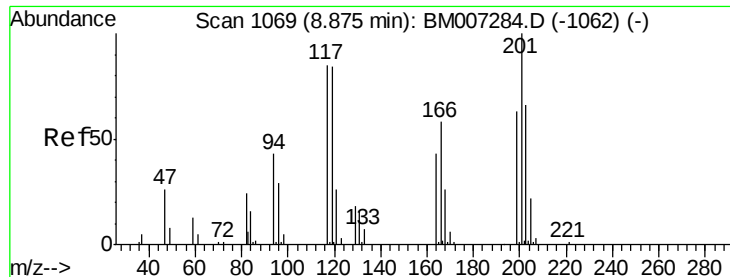
umangi
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#16
4-Methylphenol
Concen: 2.55 ng/ul
RT: 8.56 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Lower	Upper
108	100		
107	105.2	87.8	131.8





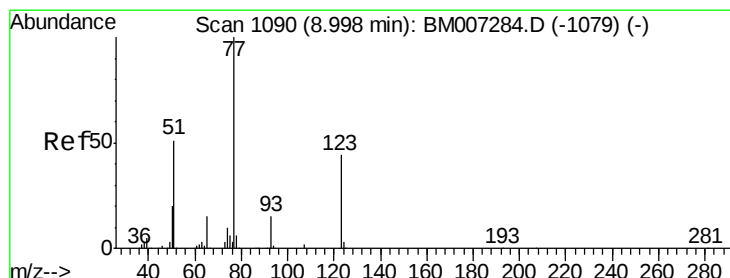
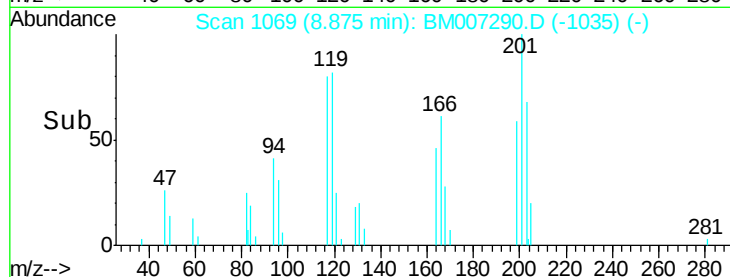
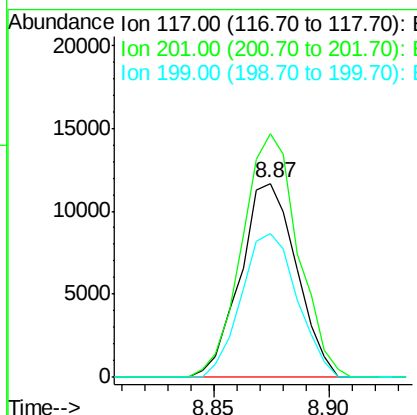
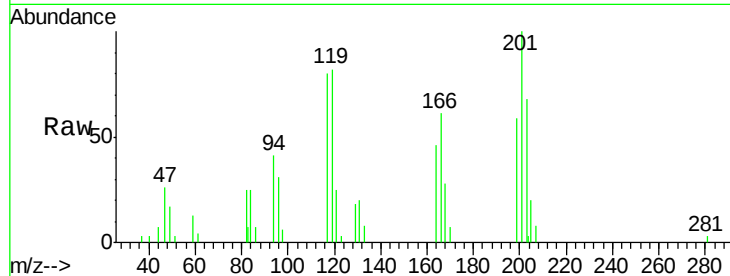
#17
 Hexachloroethane
 Concen: 2.55 ng/ul
 RT: 8.87 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S-ML

Tgt Ion:	117	Resp:	19787
Ion Ratio	Lower	Upper	
117	100		
201	125.6	90.3	135.5
199	74.0	58.5	87.7

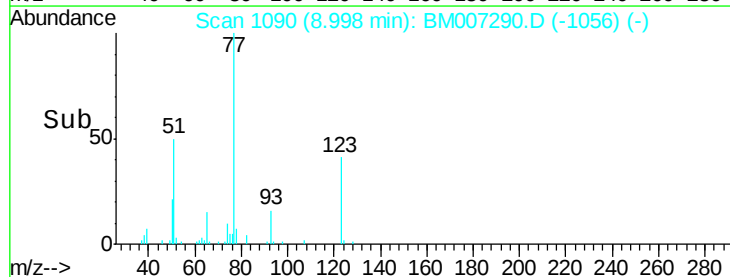
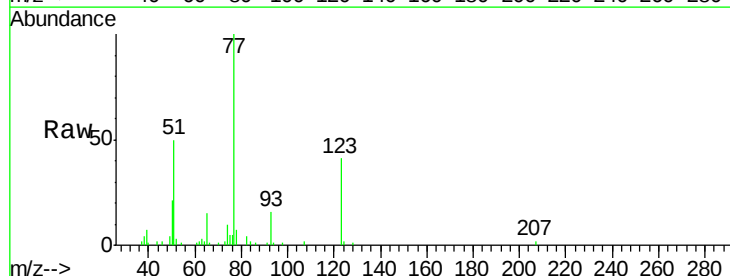
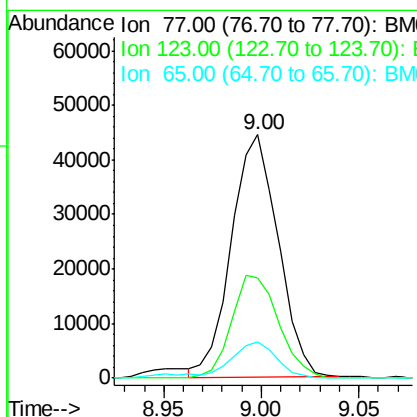
Manual Integrations
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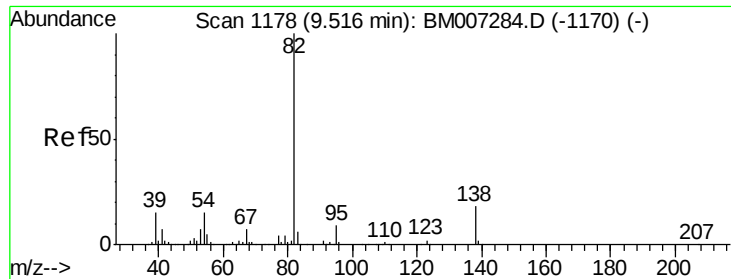
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#20
 Nitrobenzene
 Concen: 2.72 ng/ul
 RT: 9.00 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Tgt Ion:	77	Resp:	73712
Ion Ratio	Lower	Upper	
77	100		
123	41.0	34.2	51.4
65	14.9	11.0	16.6





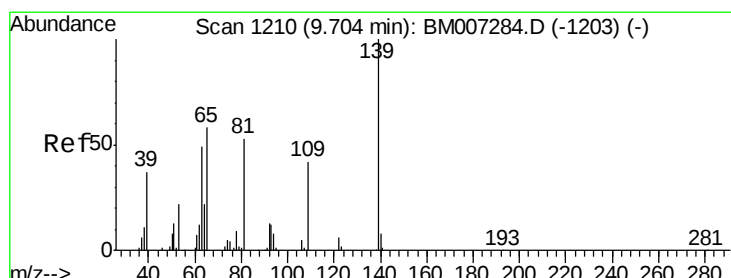
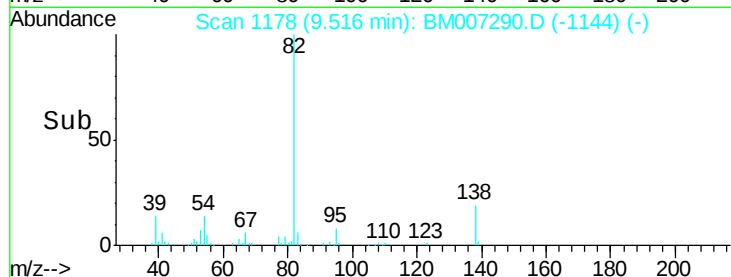
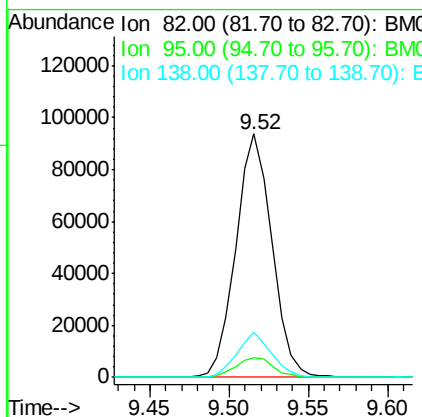
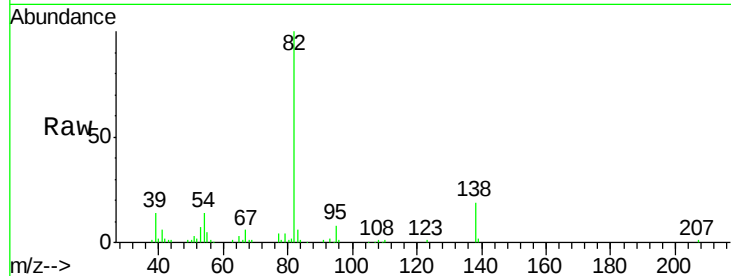
#21
Isophorone
Concen: 2.69 ng/ul
RT: 9.52 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Instrument :
BNA_M
ClientSampleId :
MDL-05-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	7.9	6.9	10.3
138	18.5	13.8	20.8

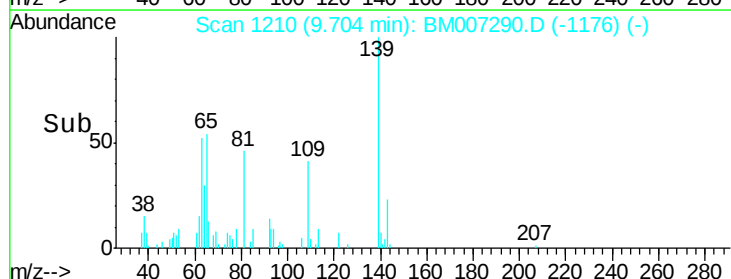
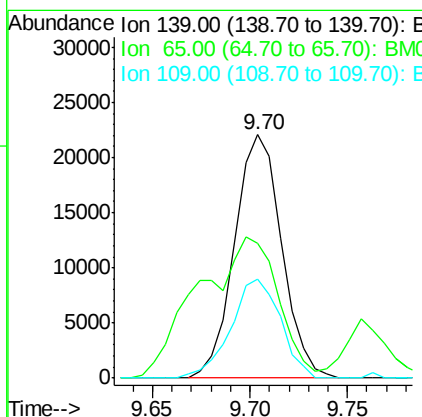
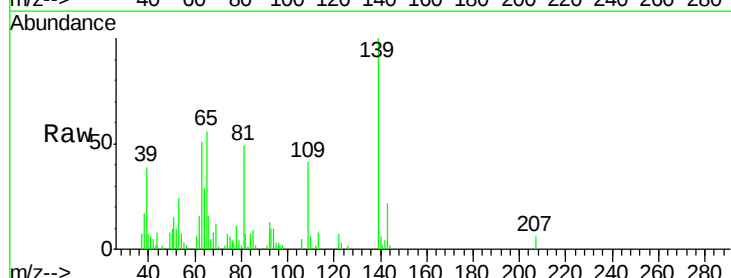
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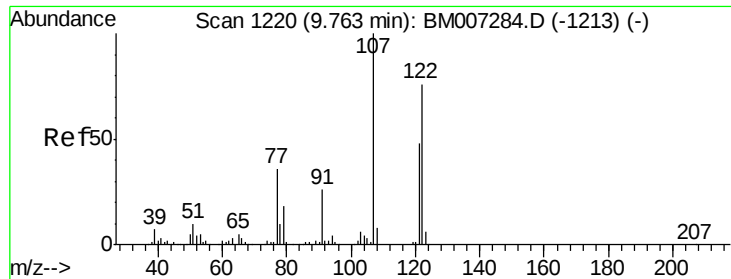
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#23
2-Nitrophenol
Concen: 2.76 ng/ul
RT: 9.70 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
65	55.5	44.2	66.4
109	40.7	28.2	42.4





#24

2,4-Dimethylphenol

Concen: 2.58 ng/ul

RT: 9.76 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BM007290.D

Acq: 24 Aug 2016 23:27

Instrument :

BNA_M

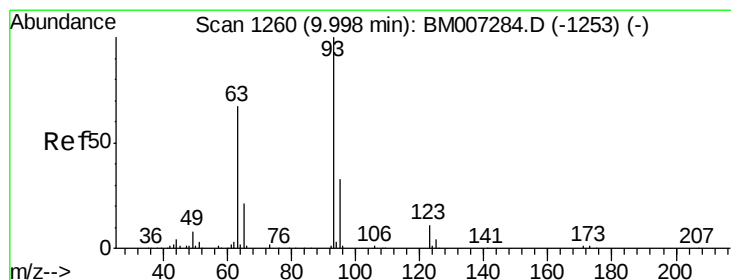
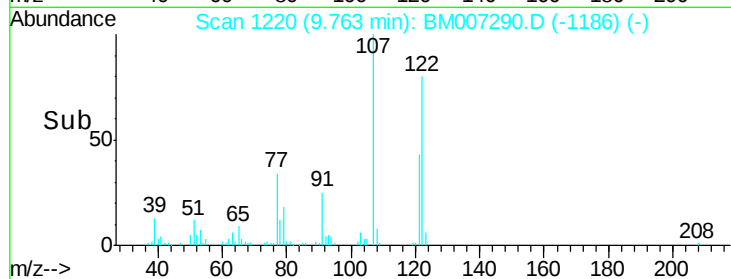
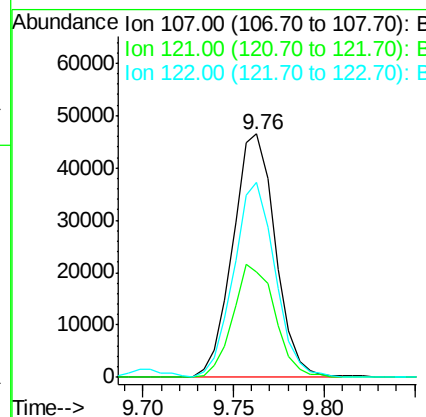
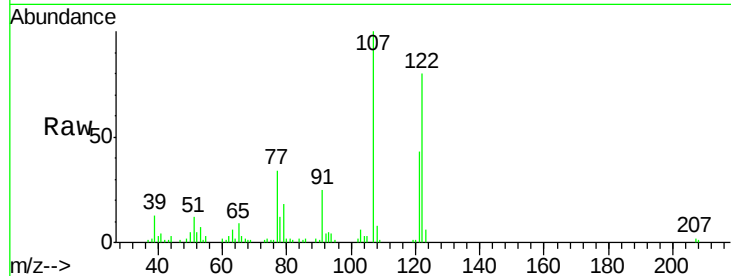
ClientSampleId :

MDL-05-S-ML

Tgt Ion:	107	Resp:	76178
Ion Ratio	Lower	Upper	
107	100		
121	43.2	37.1	55.7
122	80.0	62.8	94.2

Manual Integrations
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#25

Bis(2-Chloroethoxy)methane

Concen: 2.56 ng/ul

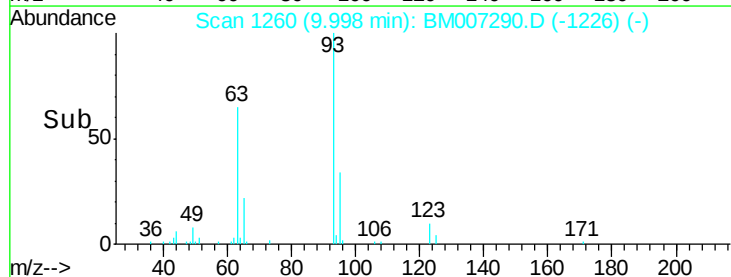
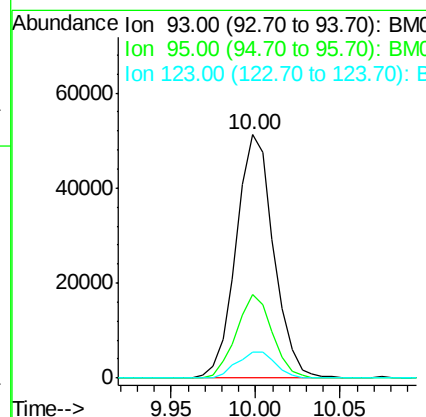
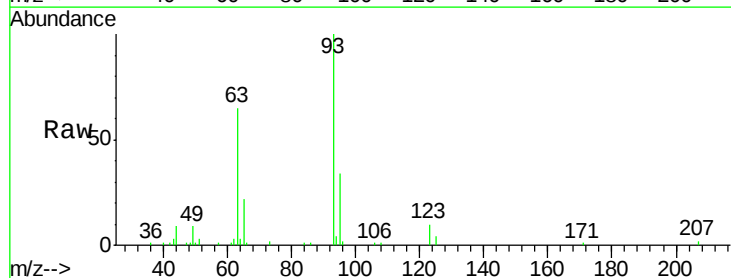
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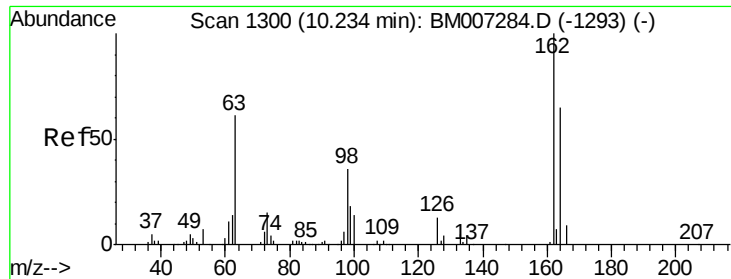
Delta R.T. -0.00 min

Lab File: BM007290.D

Acq: 24 Aug 2016 23:27

Tgt Ion:	93	Resp:	79455
Ion Ratio	Lower	Upper	
93	100		
95	34.5	25.4	38.0
123	10.4	8.3	12.5





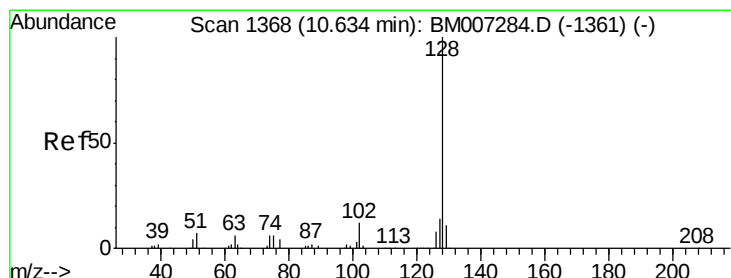
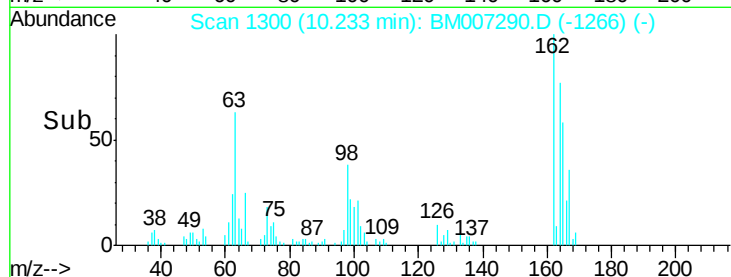
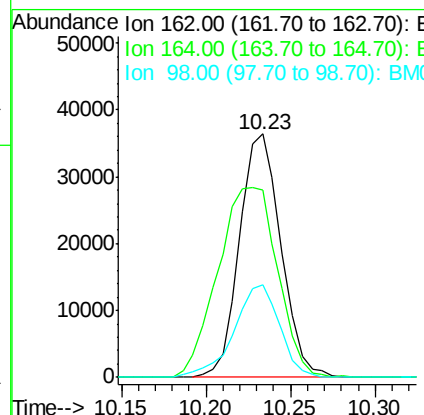
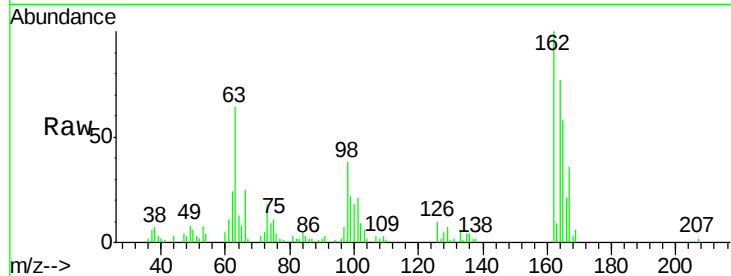
#27
 2,4-Dichlorophenol
 Concen: 2.55 ng/ul
 RT: 10.23 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Instrument :
 BNA_M
 ClientSampled :
 MDL-05-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	61995		
164	76.7	51.6	77.4	
98	38.0	28.4	42.6	

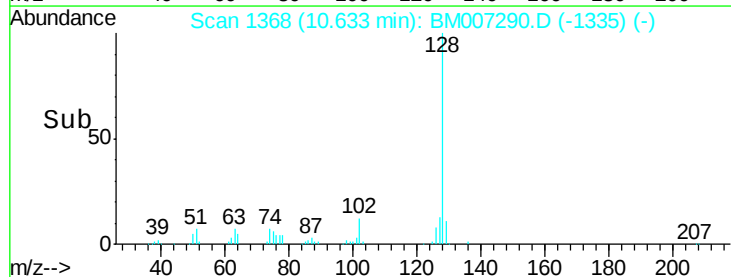
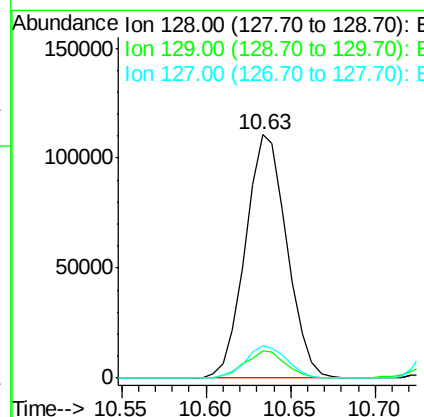
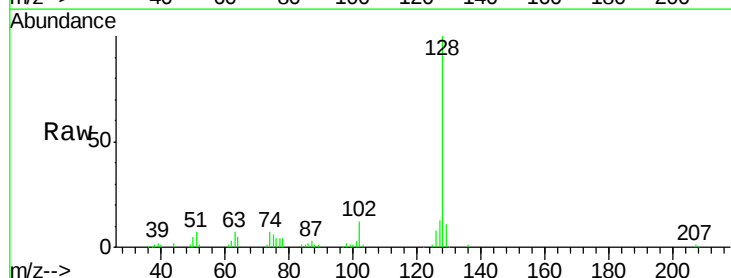
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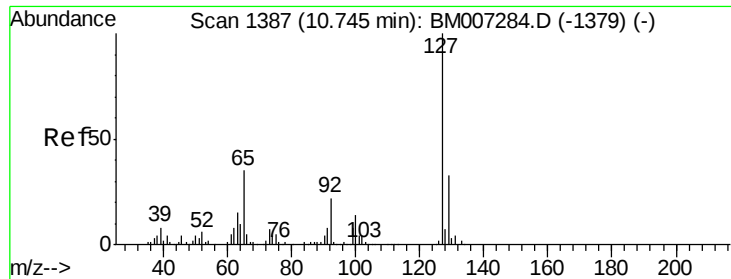
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#28
 Naphthalene
 Concen: 2.65 ng/ul
 RT: 10.63 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	189156		
129	11.4	8.6	12.8	
127	13.2	10.6	15.8	





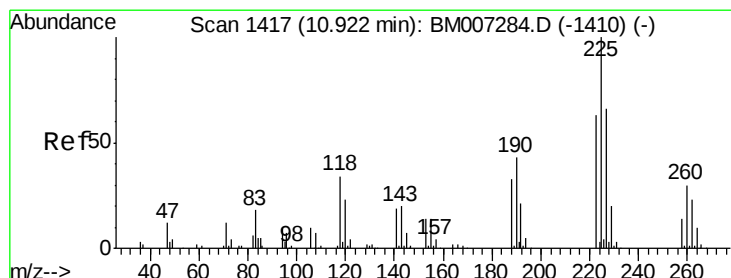
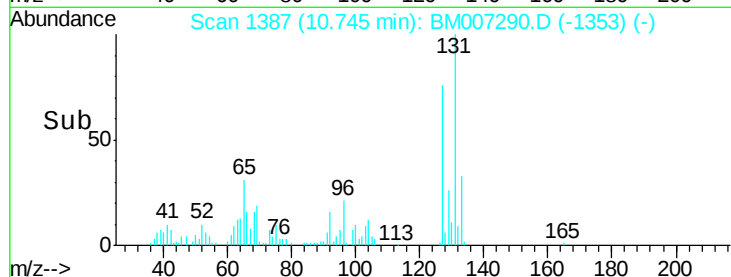
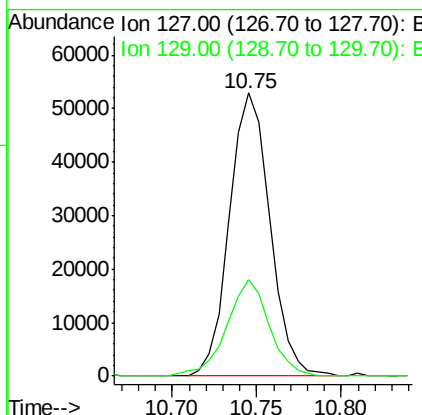
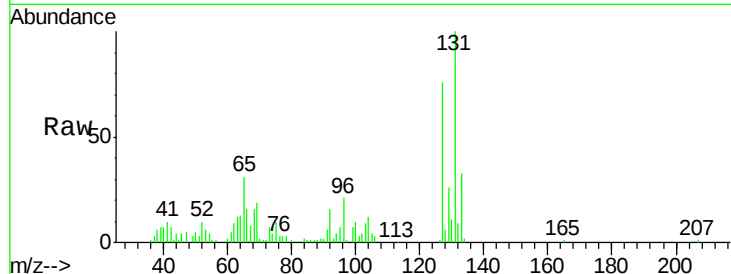
#30
4-Chloroaniline
Concen: 2.82 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Instrument :
BNA_M
ClientSampleId :
MDL-05-S-ML

Tgt Ion:127 Resp: 88570
Ion Ratio Lower Upper
127 100
129 34.1 24.6 37.0

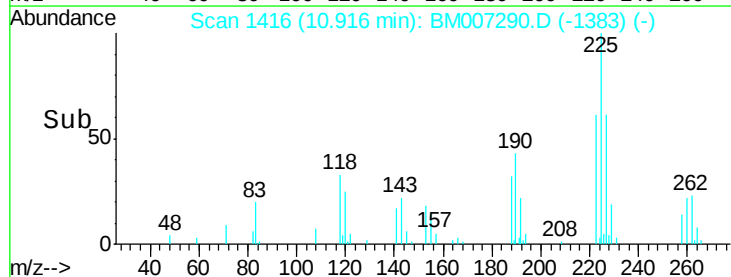
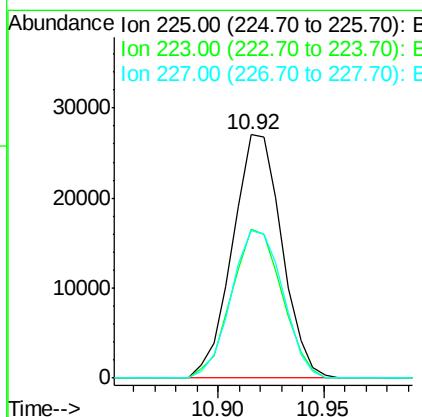
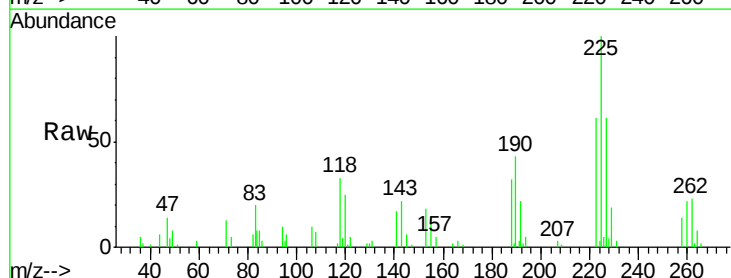
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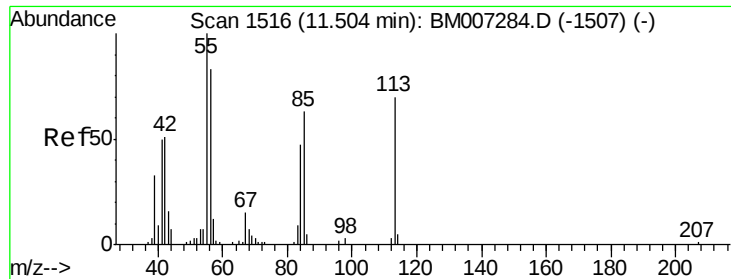
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#31
Hexachlorobutadiene
Concen: 2.66 ng/ul
RT: 10.92 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Tgt Ion:225 Resp: 43789
Ion Ratio Lower Upper
225 100
223 60.9 51.2 76.8
227 64.1 52.5 78.7





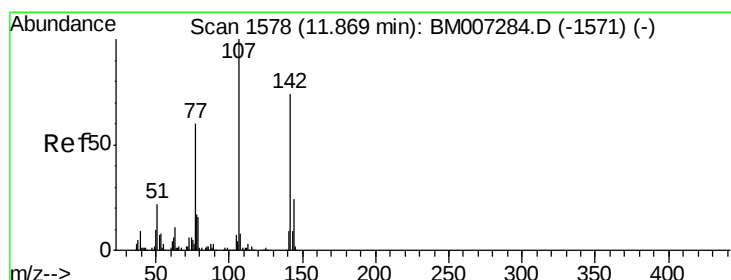
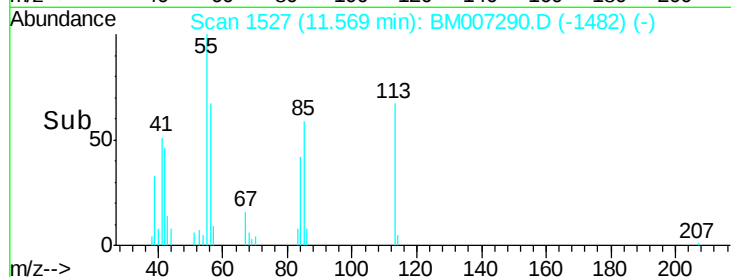
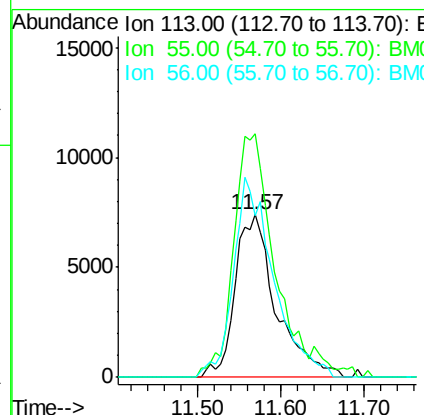
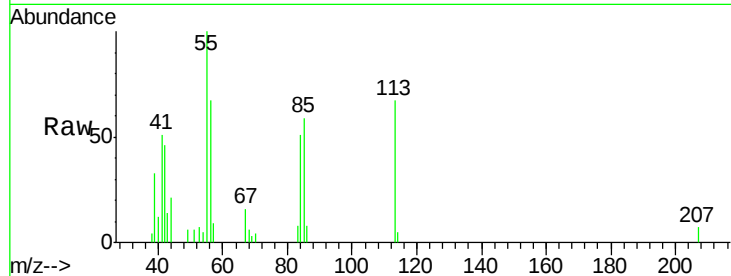
#32
 Caprolactam
 Concen: 2.60 ng/ul m
 RT: 11.57 min Scan# 1527
 Delta R.T. 0.06 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S-ML

Tgt Ion:113 Resp: 25523
 Ion Ratio Lower Upper
 113 100
 55 149.7 121.9 182.9
 56 99.7 97.4 146.0

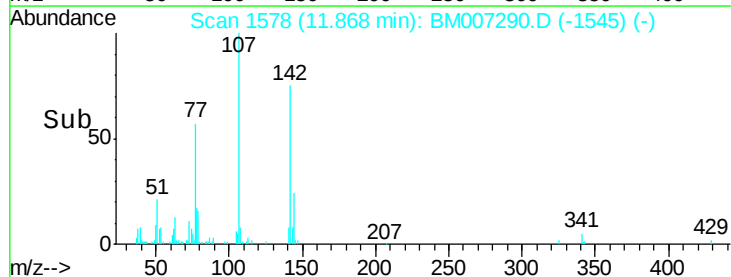
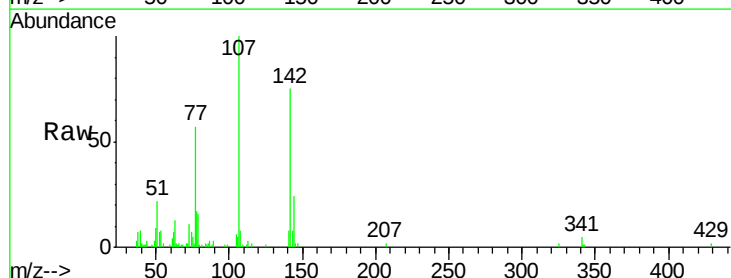
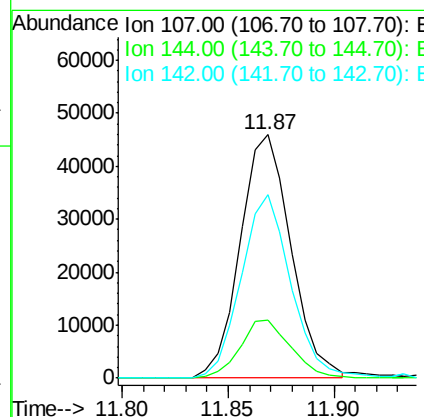
Manual Integrations
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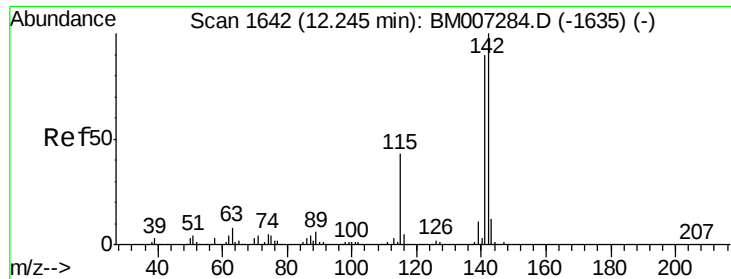
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#33
 4-Chloro-3-methylphenol
 Concen: 2.54 ng/ul
 RT: 11.87 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Tgt Ion:107 Resp: 76536
 Ion Ratio Lower Upper
 107 100
 144 24.0 21.1 31.7
 142 75.3 64.1 96.1





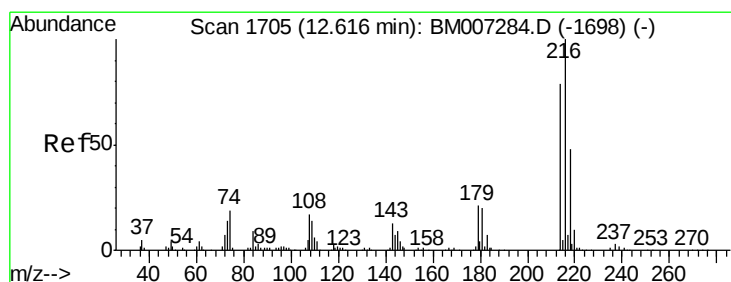
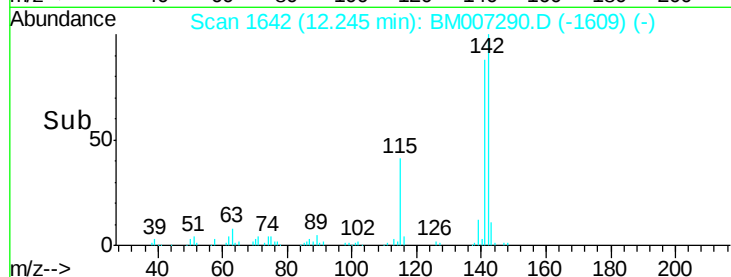
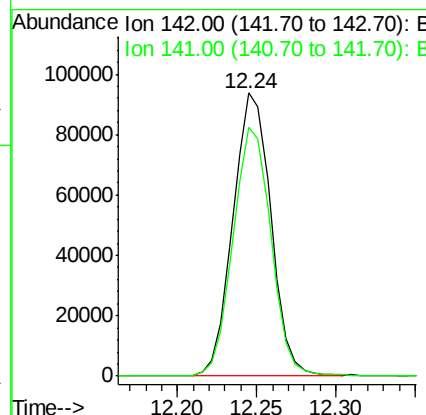
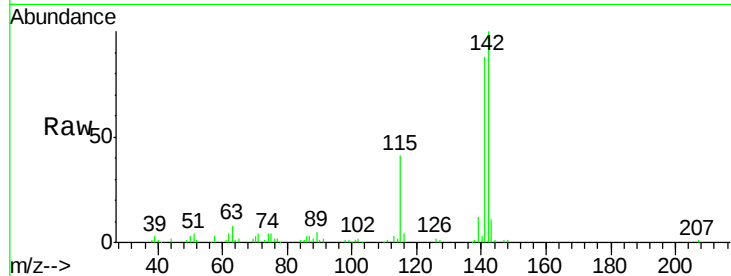
#34
2-Methylnaphthalene
Concen: 2.67 ng/ul
RT: 12.24 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Instrument :
BNA_M
ClientSampled :
MDL-05-S-ML

Tgt Ion:142 Resp: 155917
Ion Ratio Lower Upper
142 100
141 87.8 71.3 106.9

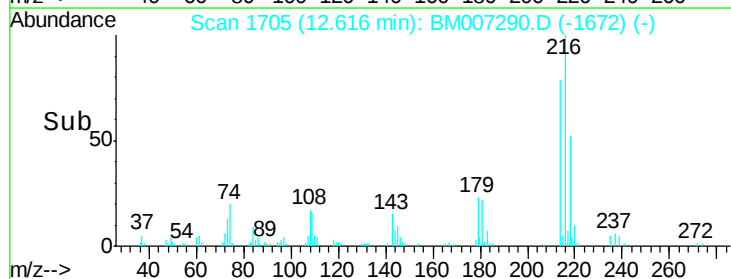
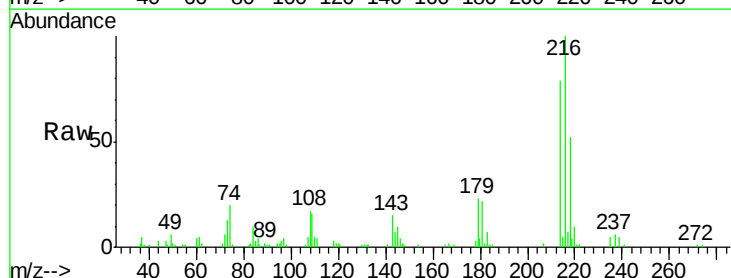
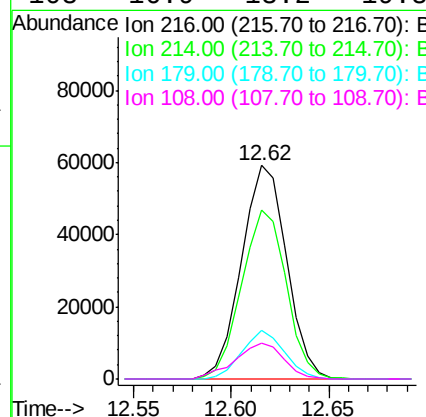
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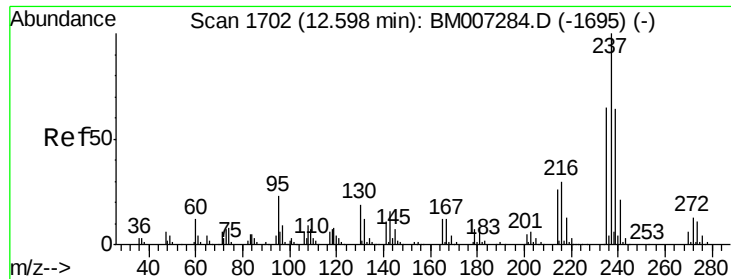
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 2.74 ng/ul
RT: 12.62 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Tgt Ion:216 Resp: 94780
Ion Ratio Lower Upper
216 100
214 79.3 64.8 97.2
179 22.8 16.7 25.1
108 16.9 13.2 19.8





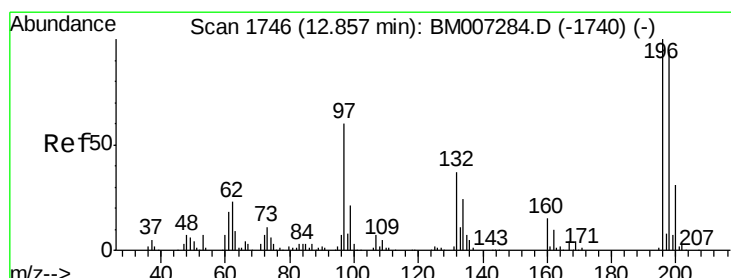
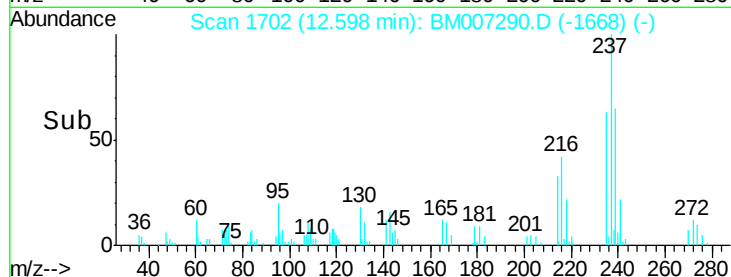
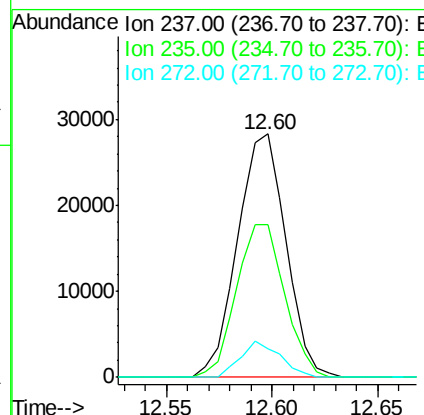
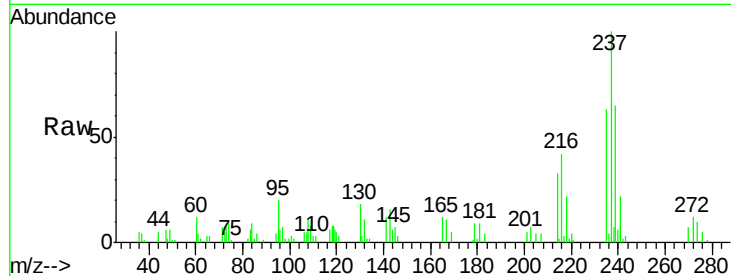
#37
Hexachlorocyclopentadiene
Concen: 2.15 ng/ul
RT: 12.60 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Instrument :
BNA_M
ClientSampleId :
MDL-05-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	44923		
235	62.8	49.6	74.4	
272	12.0	10.4	15.6	

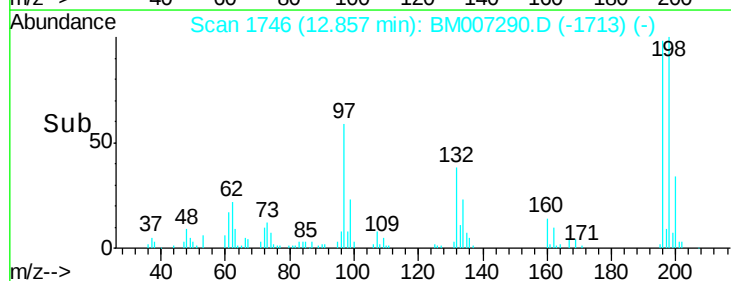
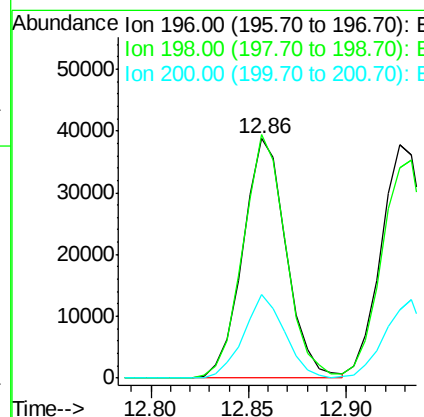
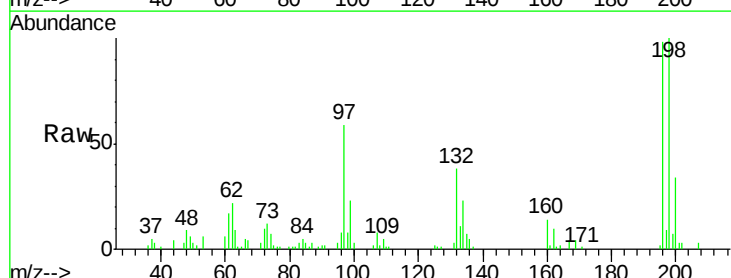
Manual Integrations
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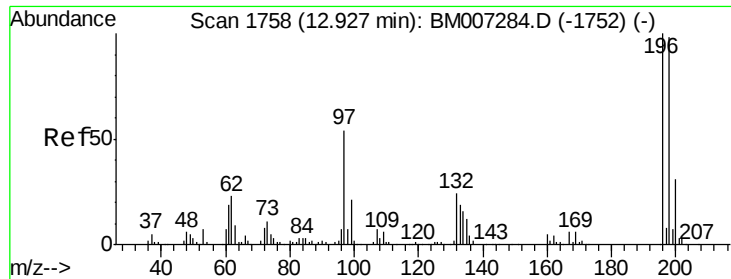
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#38
2,4,6-Trichlorophenol
Concen: 2.44 ng/ul
RT: 12.86 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	59740		
198	101.8	76.9	115.3	
200	35.0	25.1	37.7	





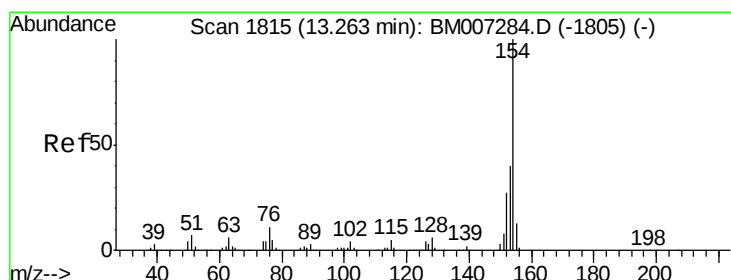
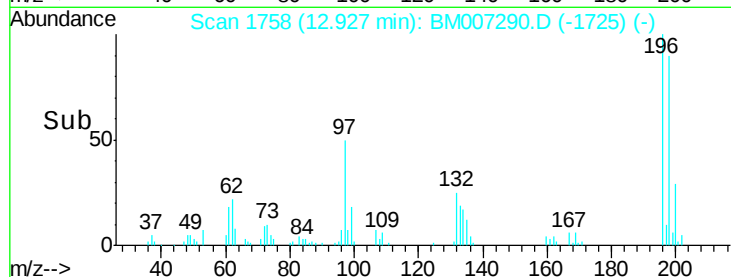
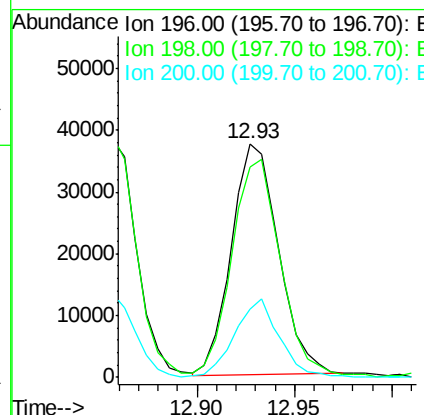
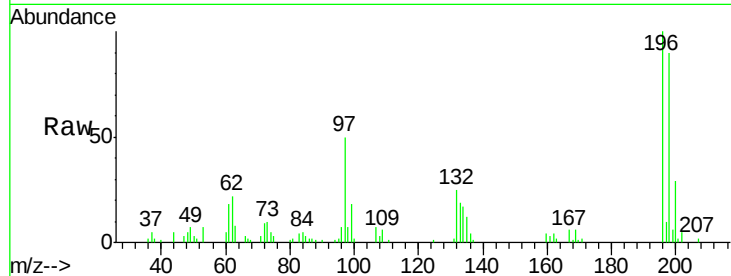
#39
 2,4,5-Trichlorophenol
 Concen: 2.47 ng/ul
 RT: 12.93 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Instrument :
 BNA_M
 ClientSampled :
 MDL-05-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	62839		
198	90.2	76.8	115.2	
200	29.3	27.0	40.4	

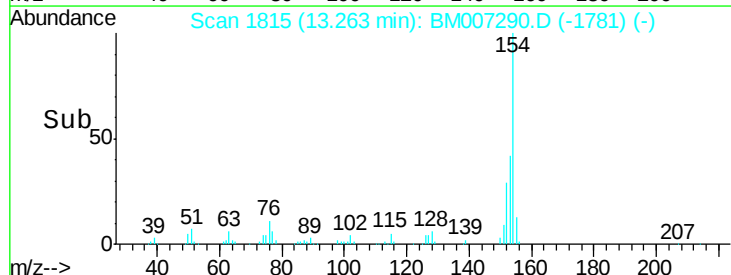
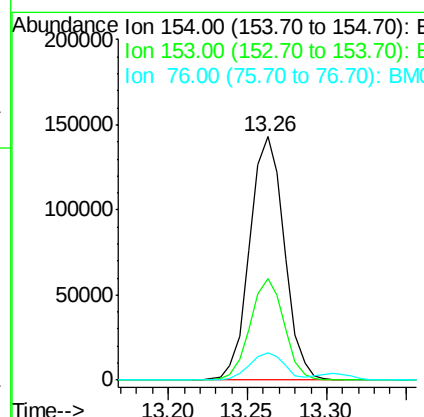
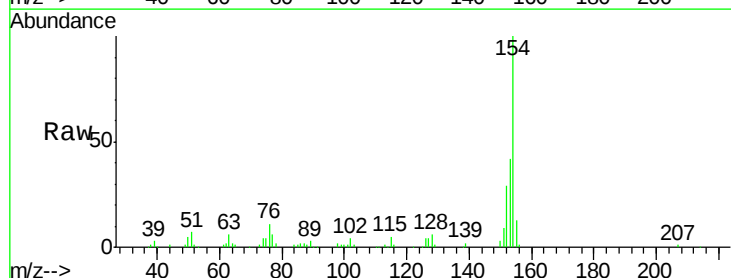
Manual Integrations
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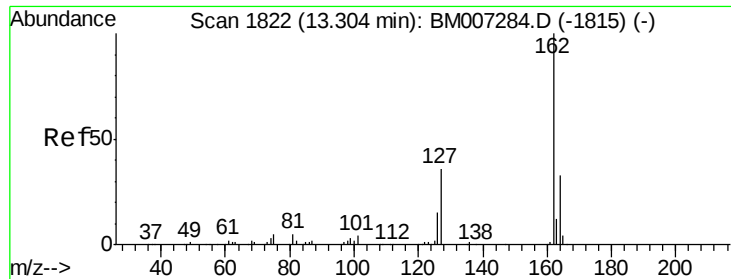
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#40
 1,1'-Biphenyl
 Concen: 2.70 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	217457		
153	41.8	31.3	46.9	
76	11.3	10.0	15.0	





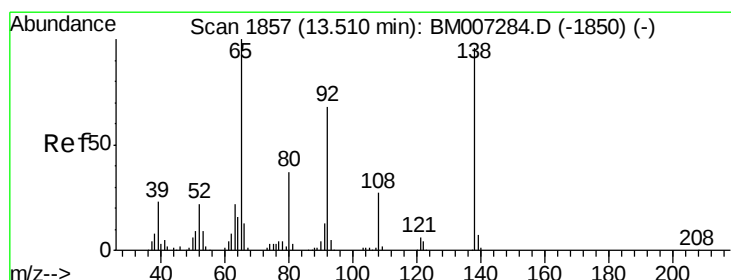
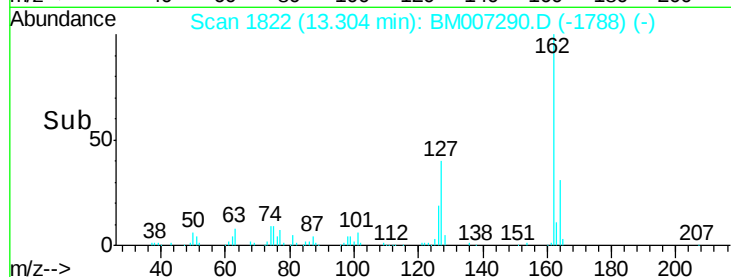
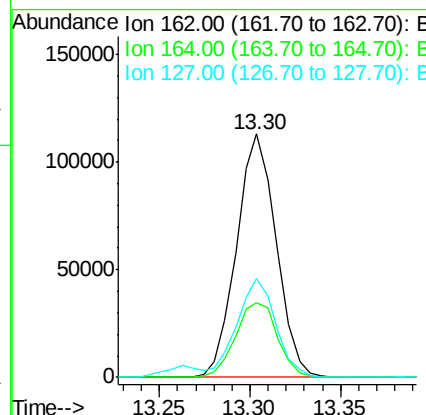
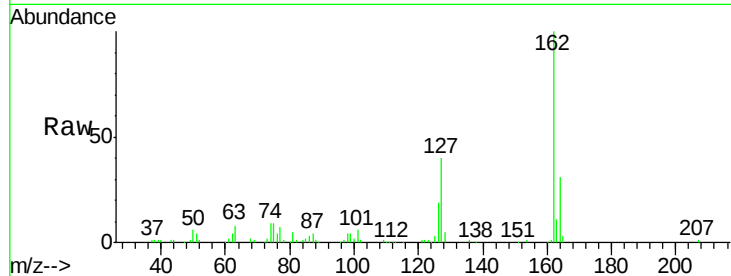
#41
 2-Chloronaphthalene
 Concen: 2.73 ng/ul
 RT: 13.30 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S-ML

Tgt Ion	Ratio	Lower	Upper
162	100		
164	30.5	26.9	40.3
127	40.5	31.2	46.8

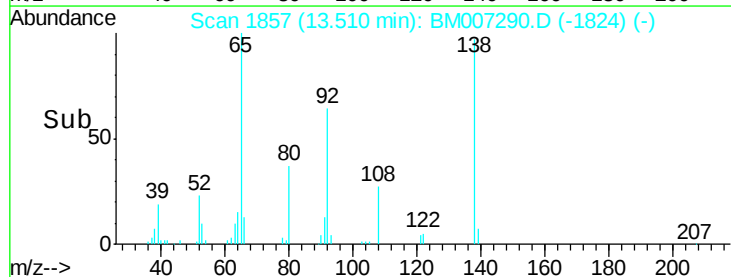
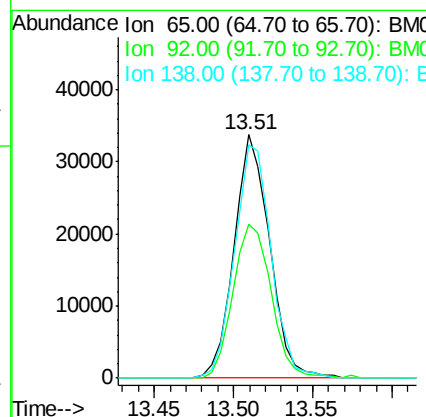
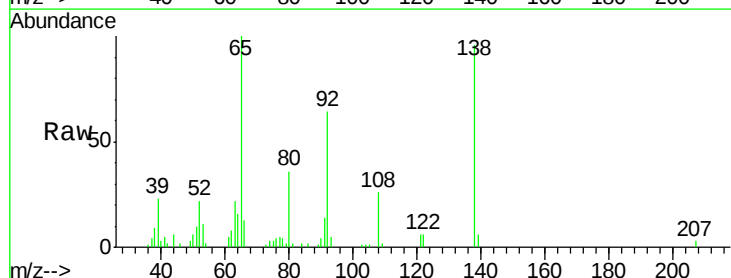
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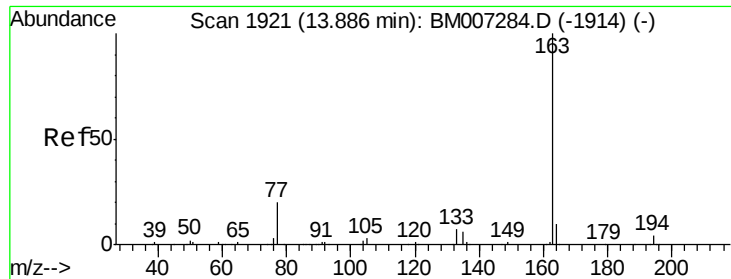
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#42
 2-Nitroaniline
 Concen: 2.56 ng/ul
 RT: 13.51 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.5	55.6	83.4
138	96.0	81.3	121.9





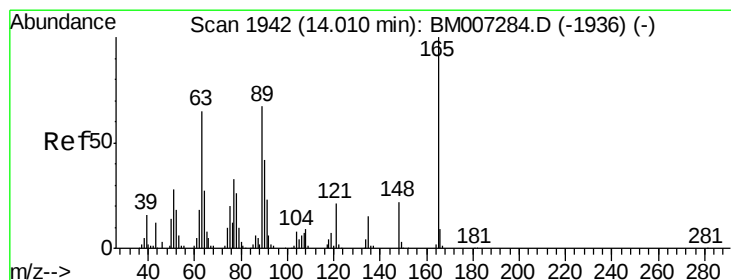
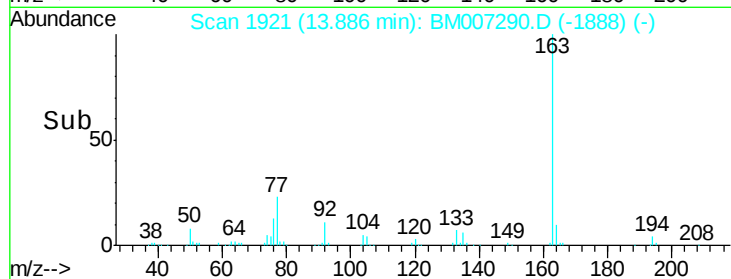
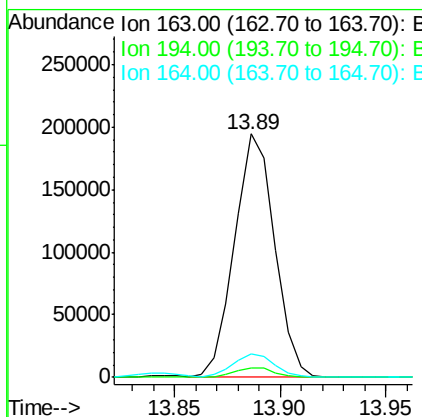
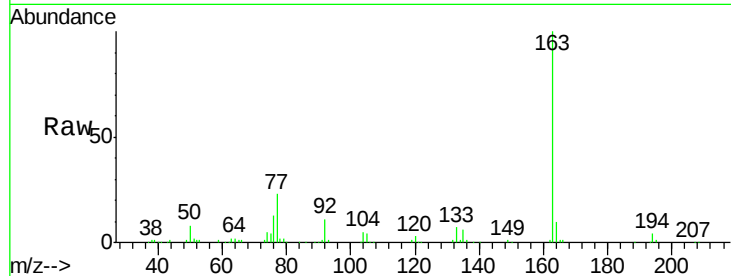
#44
Dimethylphthalate
Concen: 2.88 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Instrument :
BNA_M
ClientSampleId :
MDL-05-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	256839		
194	4.1		3.4	5.2
164	9.7		7.8	11.8

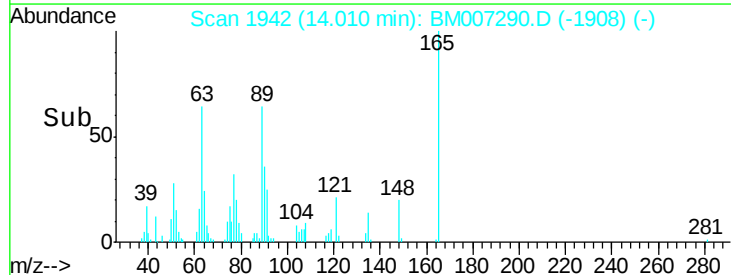
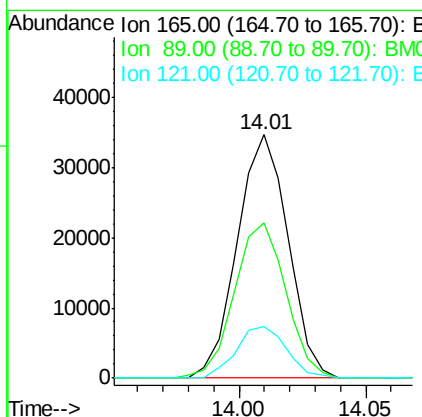
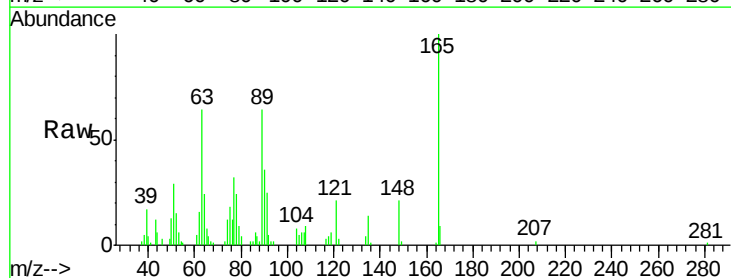
Manual Integrations
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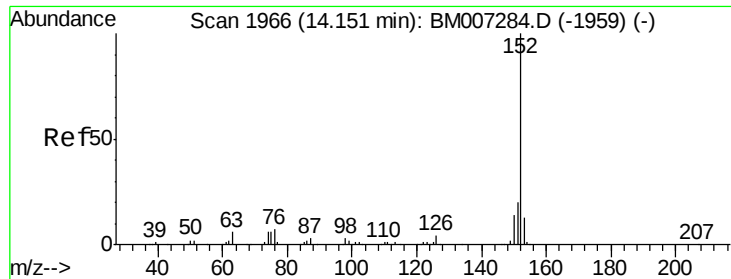
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#45
2,6-Dinitrotoluene
Concen: 2.66 ng/ul
RT: 14.01 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	48488		
89	63.6		46.6	69.8
121	21.4		16.0	24.0





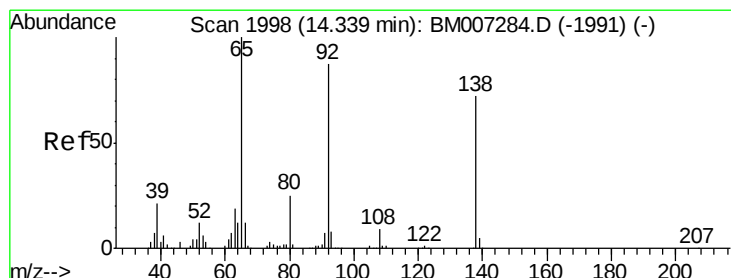
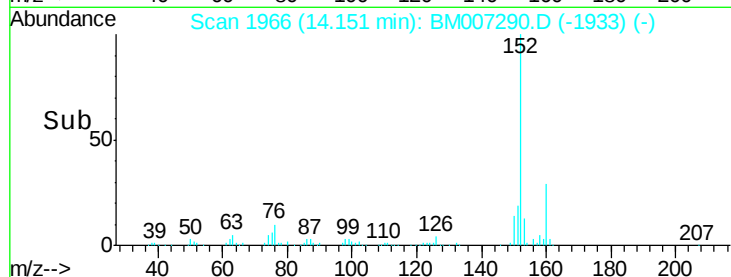
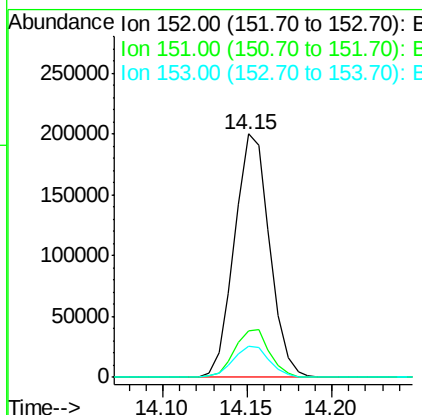
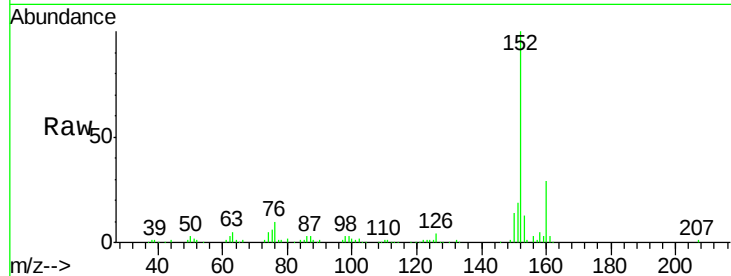
#47
Acenaphthylene
Concen: 2.72 ng/ul
RT: 14.15 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Instrument :
BNA_M
ClientSampled :
MDL-05-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	290165		
151	19.3	16.0	24.0	
153	12.8	11.0	16.6	

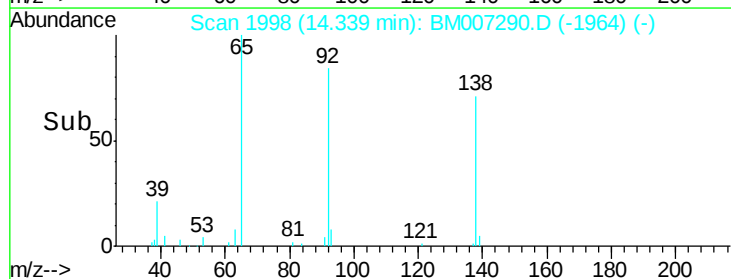
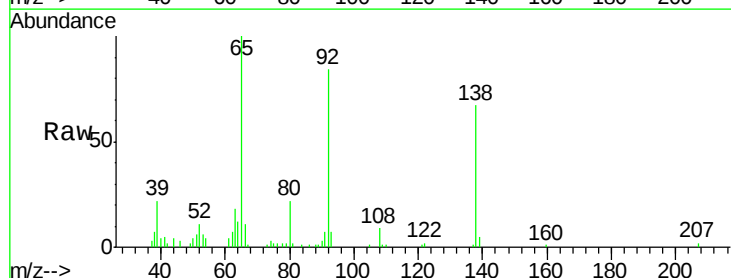
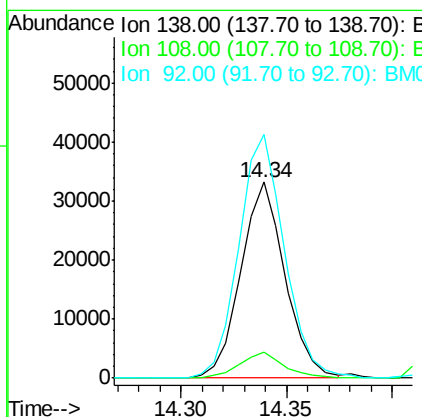
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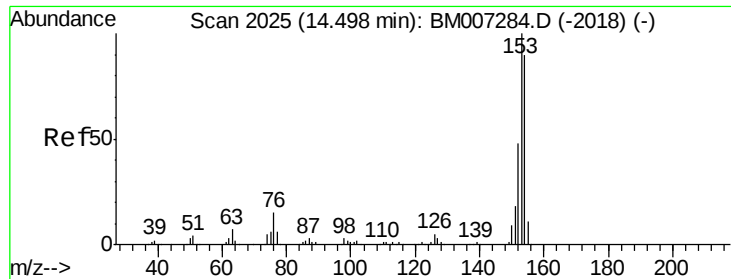
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#48
3-Nitroaniline
Concen: 2.59 ng/ul
RT: 14.34 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	48182		
108	13.4	9.4	14.0	
92	124.3	96.6	145.0	





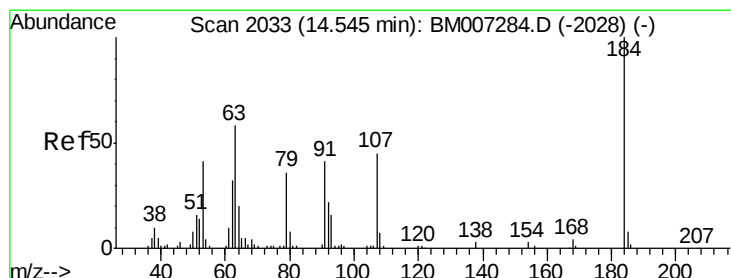
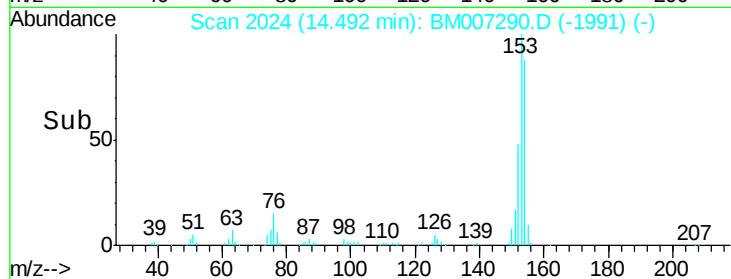
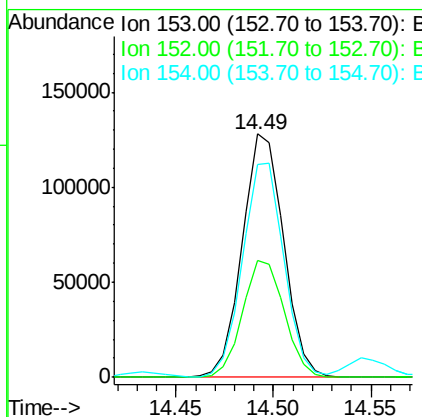
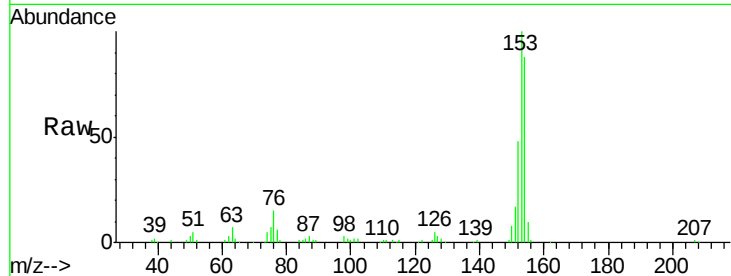
#49
Acenaphthene
Concen: 2.71 ng/ul
RT: 14.49 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Instrument :
BNA_M
ClientSampleId :
MDL-05-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	188495		
152	47.9		37.8	56.6
154	87.6		71.4	107.0

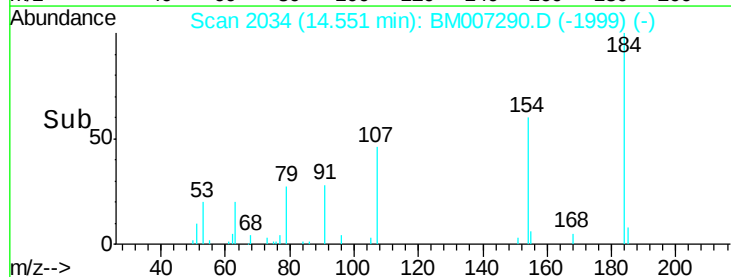
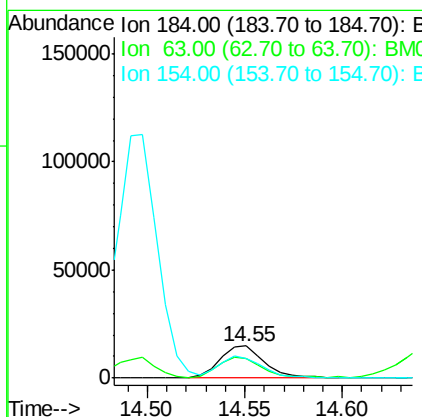
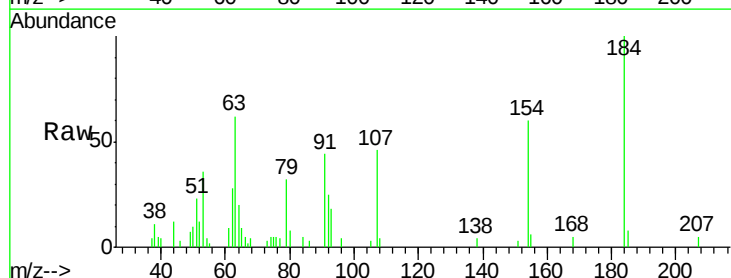
Manual Integrations
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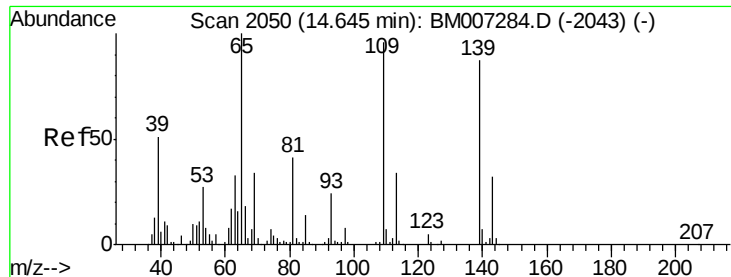
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#50
2,4-Dinitrophenol
Concen: 1.94 ng/ul
RT: 14.55 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	24035		
63	62.4		43.4	65.0
154	59.9		48.2	72.4





#52

4-Nitrophenol

Concen: 3.12 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM007290.D

Acq: 24 Aug 2016 23:27

Instrument :

BNA_M

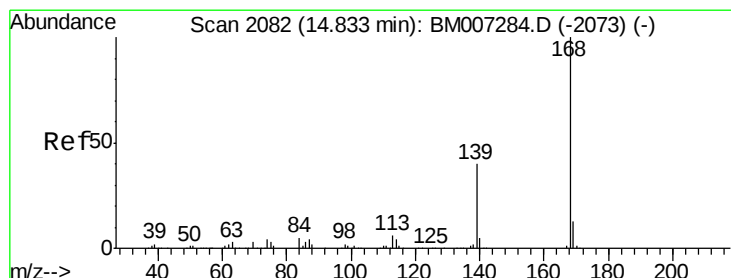
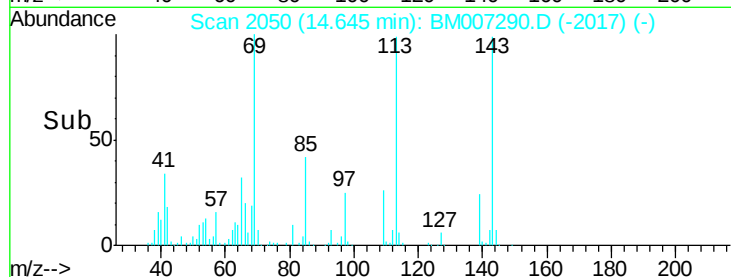
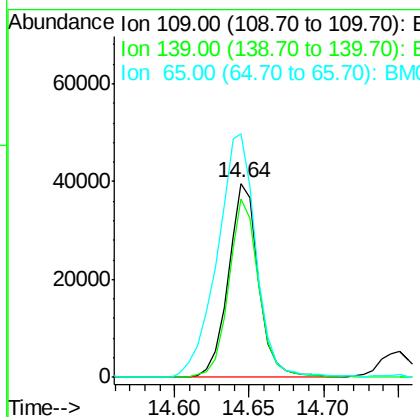
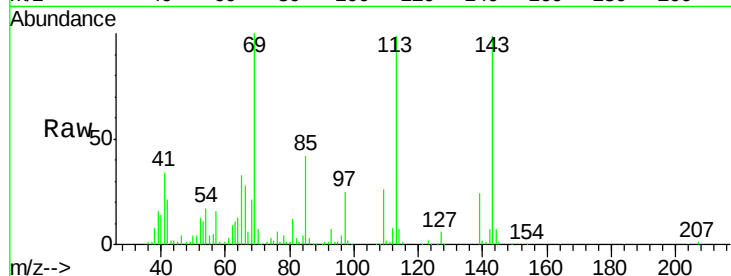
ClientSampleId :

MDL-05-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	56152		
139	91.8	88.7	133.1	
65	125.4	96.4	144.6	

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#53

Dibenzofuran

Concen: 2.75 ng/ul

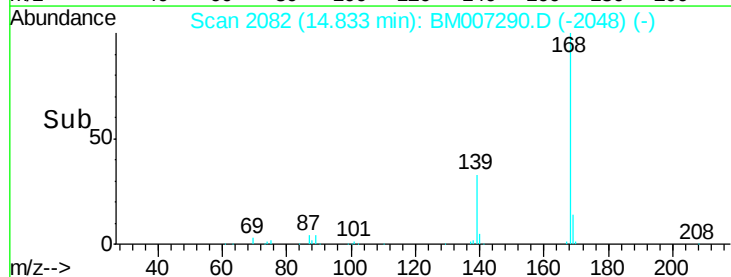
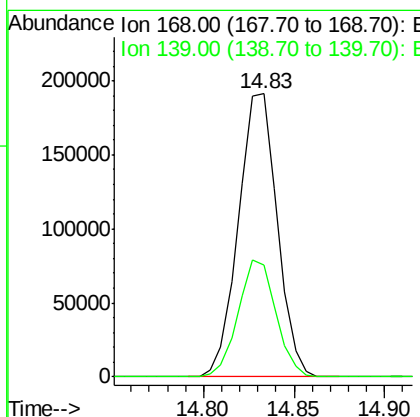
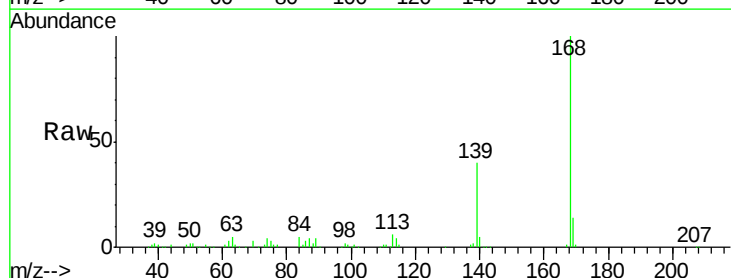
RT: 14.83 min Scan# 2082

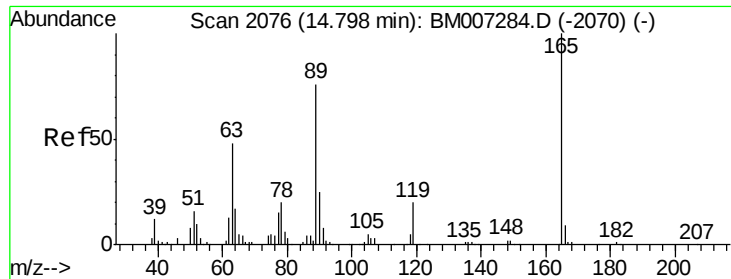
Delta R.T. -0.00 min

Lab File: BM007290.D

Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	285812		
139	39.7	30.1	45.1	





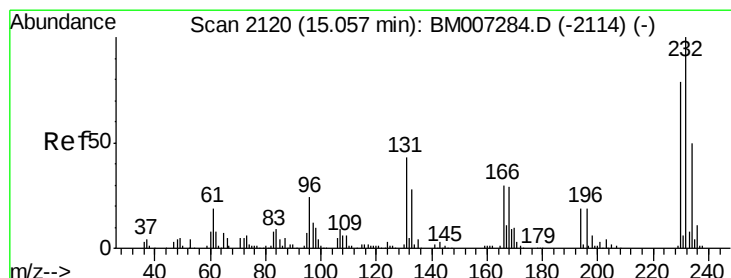
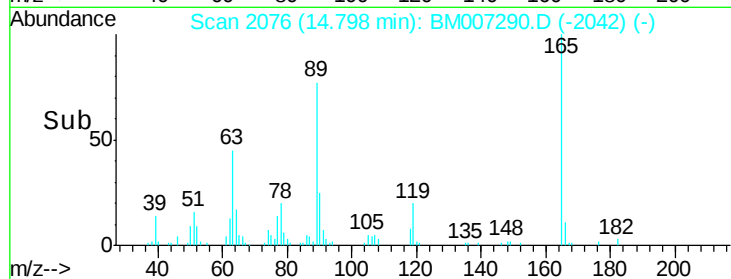
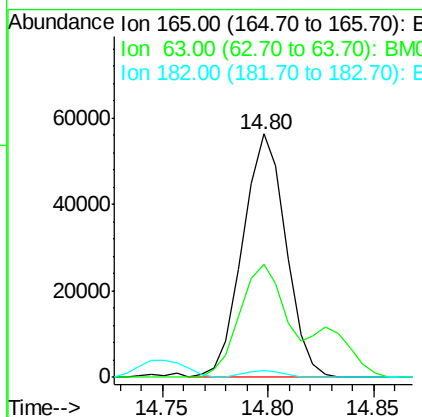
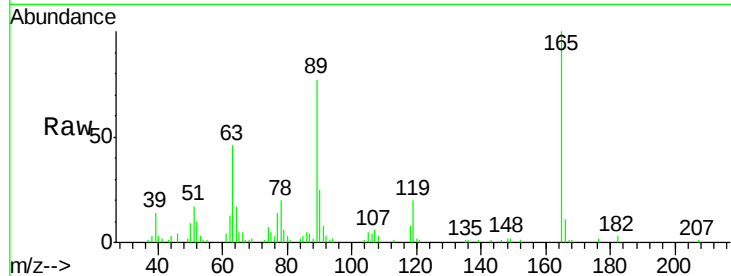
#54
 2,4-Dinitrotoluene
 Concen: 2.87 ng/ul
 RT: 14.80 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S-ML

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.5	36.2	54.2
182	2.8	2.2	3.4

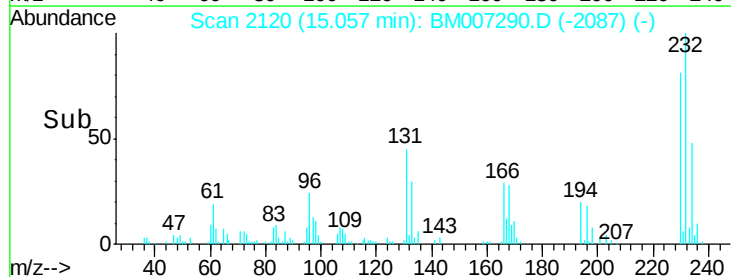
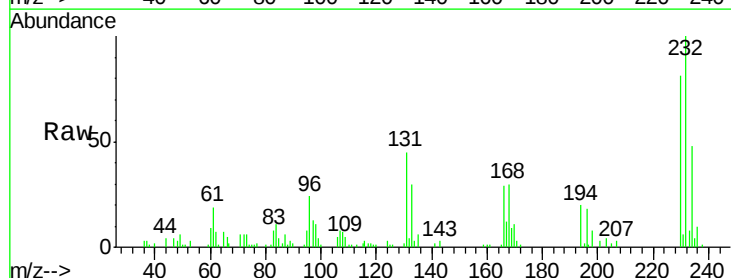
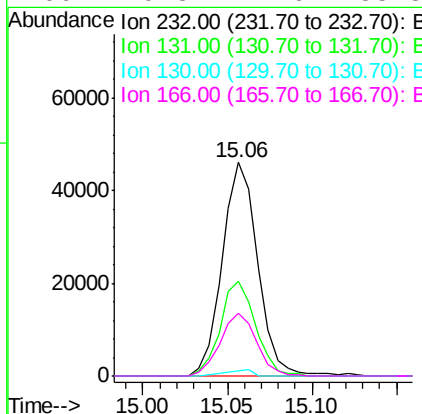
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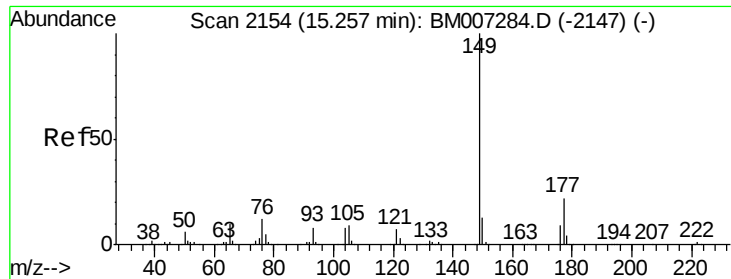
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.58 ng/ul
 RT: 15.06 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.6	31.4	47.0
130	2.4	1.6	2.4
166	29.3	22.6	33.8





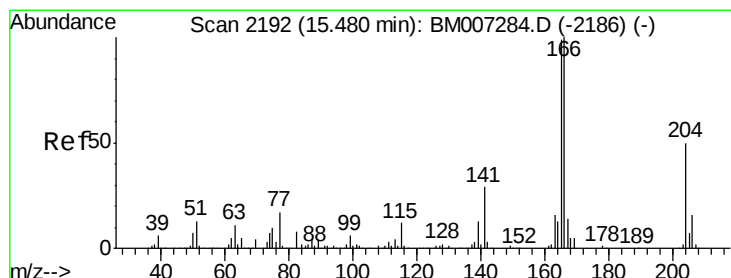
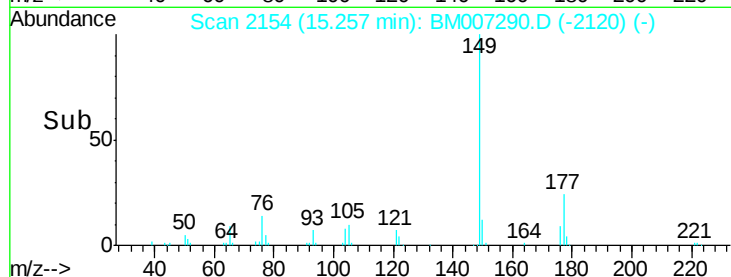
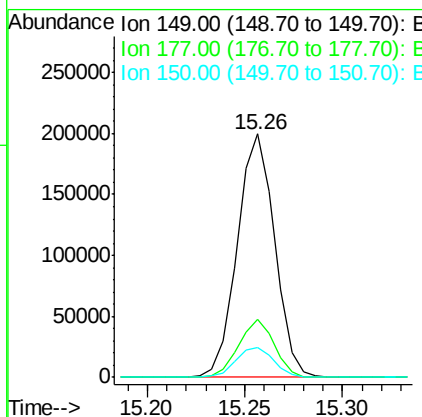
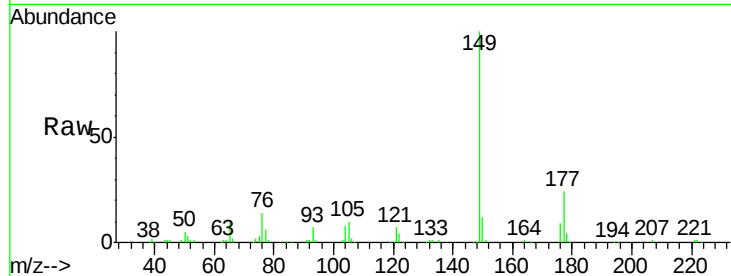
#56
Diethylphthalate
Concen: 2.84 ng/ul
RT: 15.26 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Instrument :
BNA_M
ClientSampleId :
MDL-05-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	264357		
177	23.7	18.6	28.0	
150	12.3	10.0	15.0	

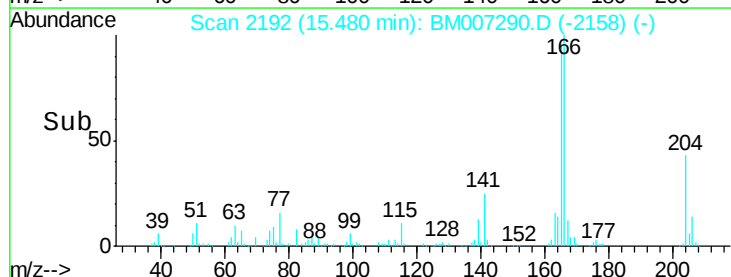
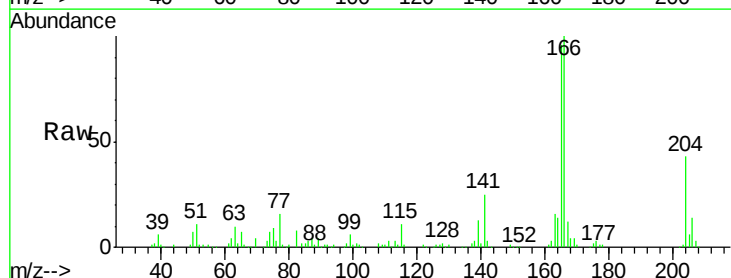
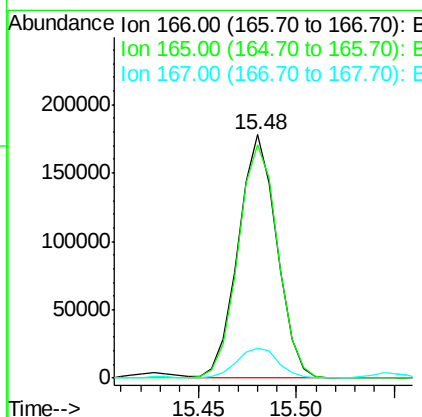
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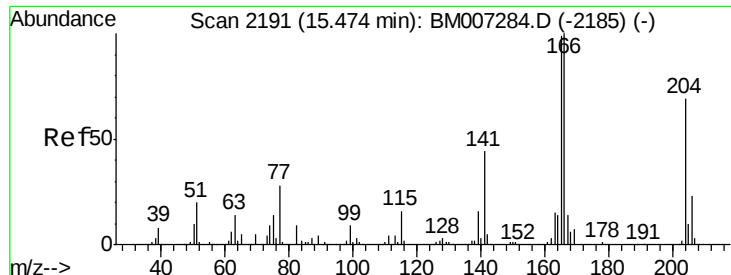
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#58
Fluorene
Concen: 2.86 ng/ul
RT: 15.48 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	244699		
165	95.9	79.9	119.9	
167	12.4	10.5	15.7	





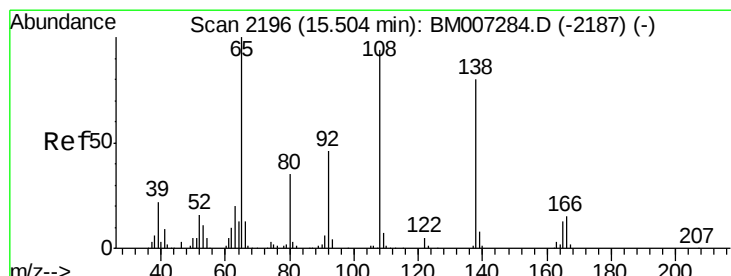
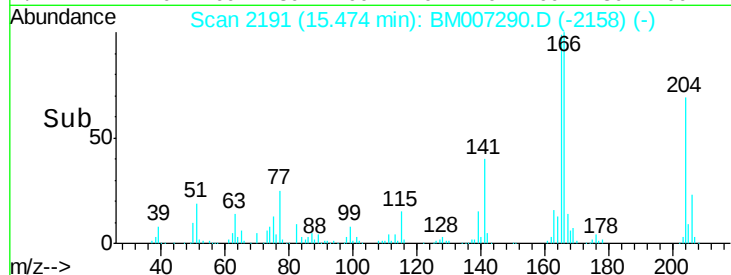
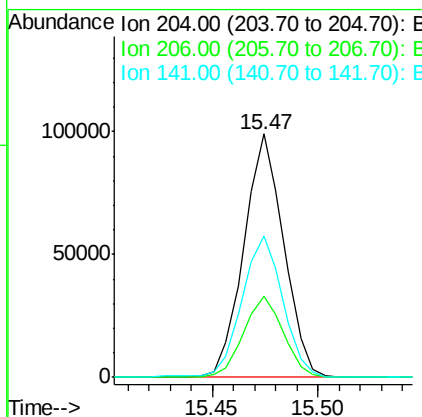
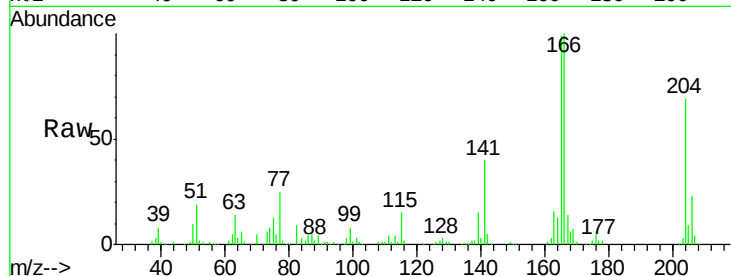
#59
 4-Chlorophenyl-phenylether
 Concen: 2.90 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Instrument :
 BNA_M
 ClientSampled :
 MDL-05-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	129793		
206	33.3	25.9	38.9	
141	58.1	46.1	69.1	

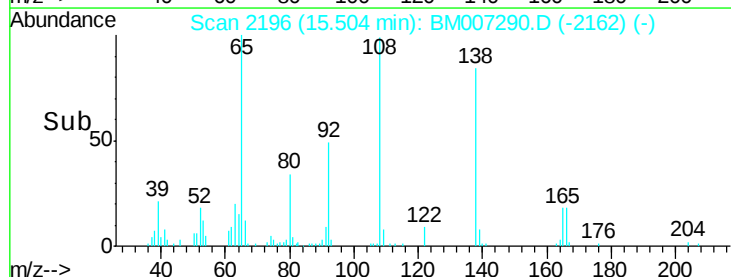
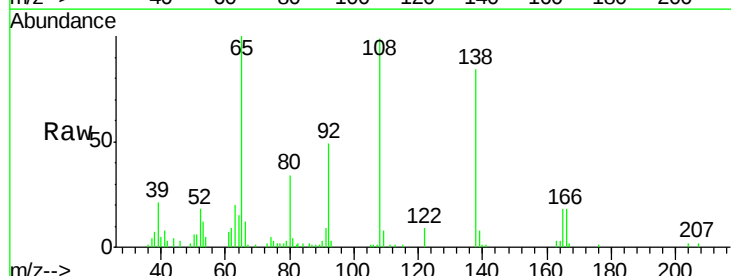
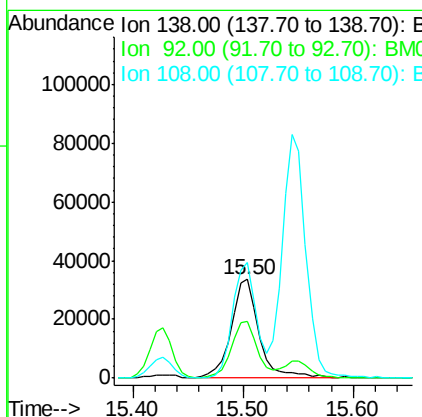
Manual Integrations
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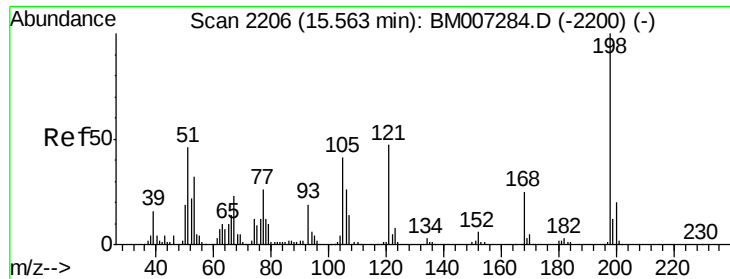
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#60
 4-Nitroaniline
 Concen: 2.82 ng/ul
 RT: 15.50 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	59652		
92	58.0	43.5	65.3	
108	117.9	80.3	120.5	





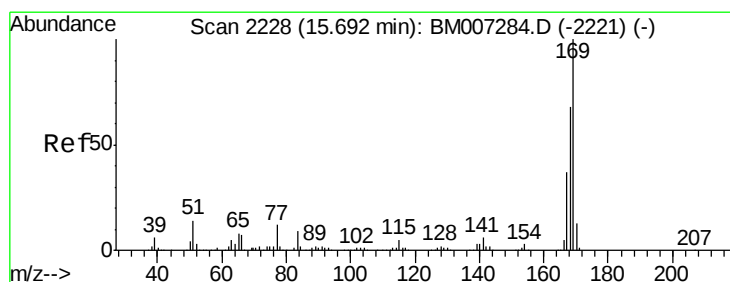
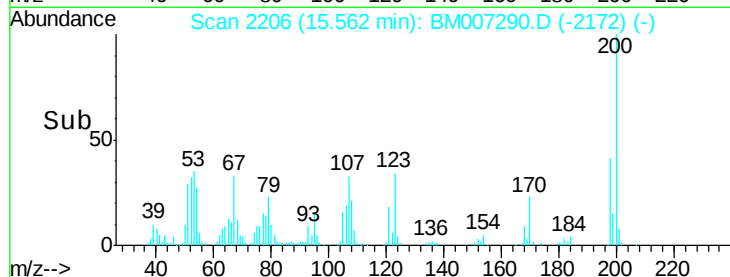
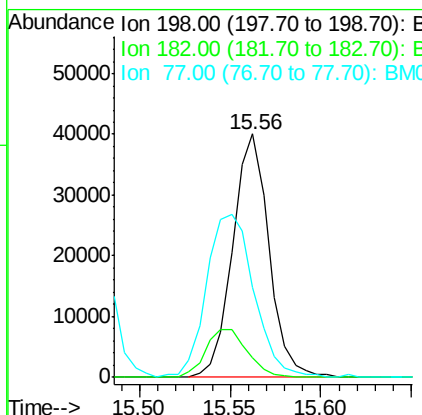
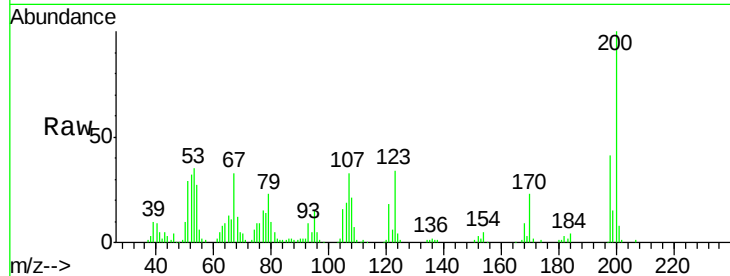
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.92 ng/ul
 RT: 15.56 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Instrument :
 BNA_M
 ClientSampled :
 MDL-05-S-ML

Tgt Ion	Ratio	Lower	Upper
198	100		
182	8.0	3.3	4.9#
77	37.1	21.8	32.6#

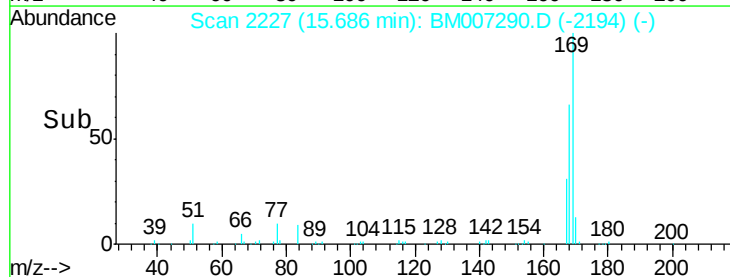
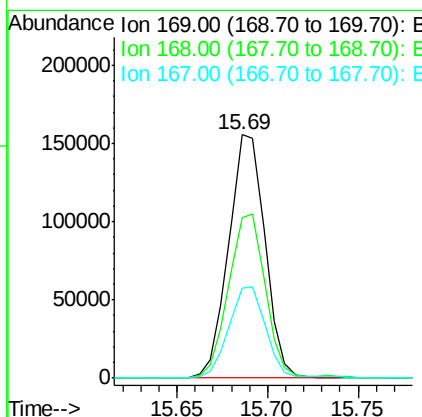
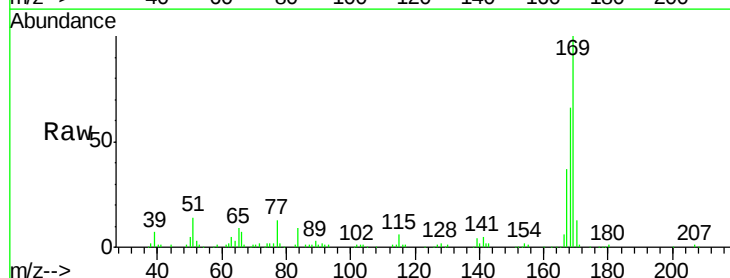
Manual Integrations
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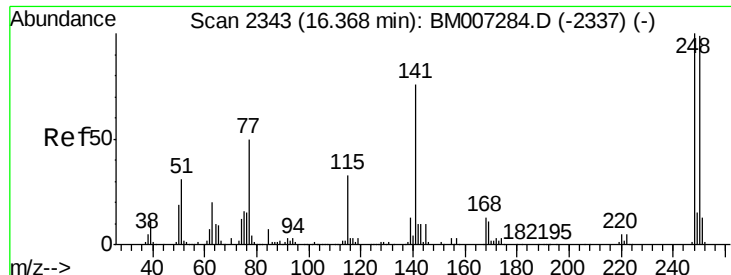
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#64
 N-Nitrosodiphenylamine
 Concen: 2.73 ng/ul
 RT: 15.69 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.9	52.6	79.0
167	36.8	28.6	43.0





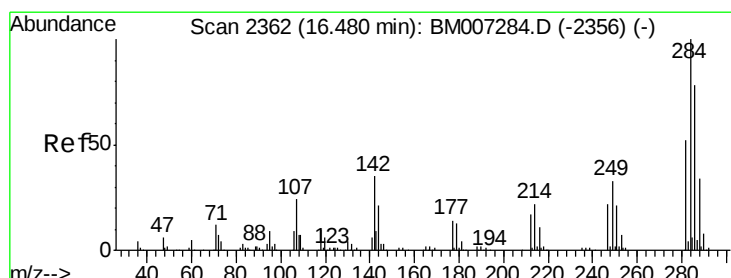
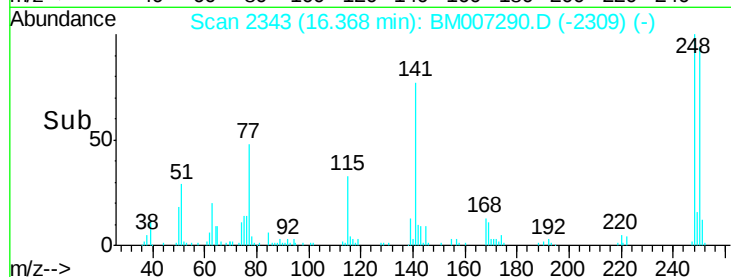
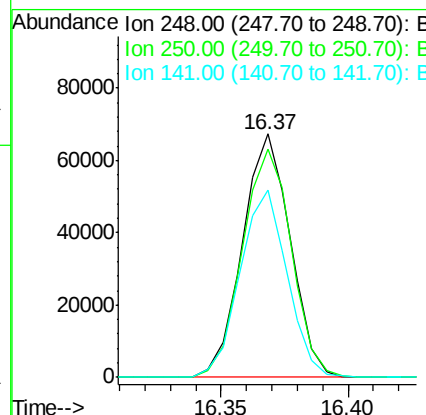
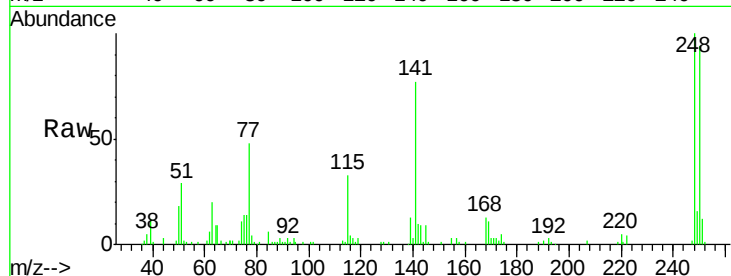
#65
 4-Bromophenyl-phenylether
 Concen: 2.75 ng/ul
 RT: 16.37 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S-ML

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.7	79.7	119.5
141	76.8	58.3	87.5

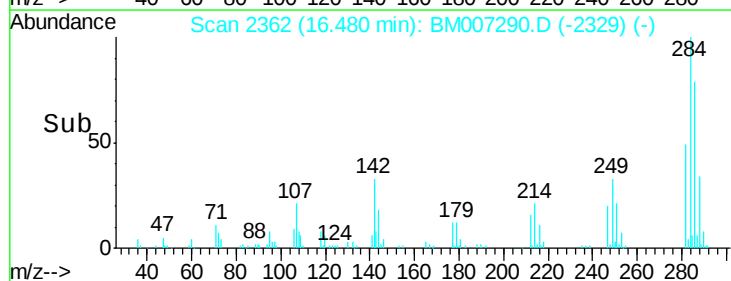
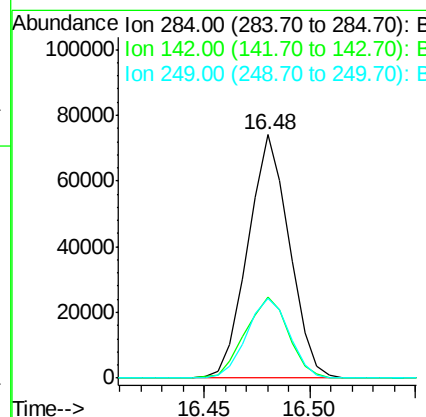
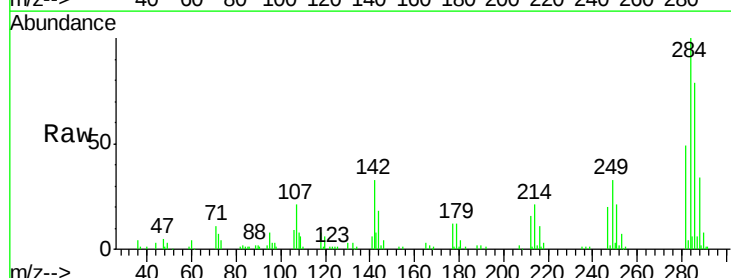
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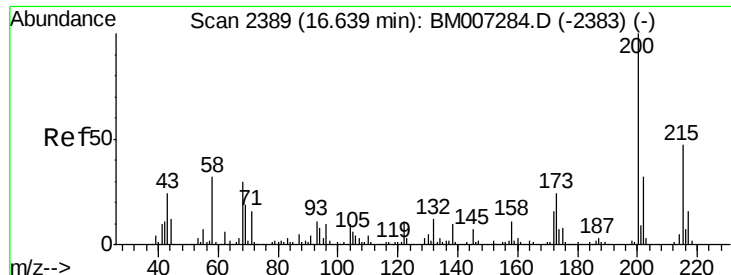
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#66
 Hexachlorobenzene
 Concen: 2.80 ng/ul
 RT: 16.48 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	24.9	37.3
249	33.0	25.5	38.3





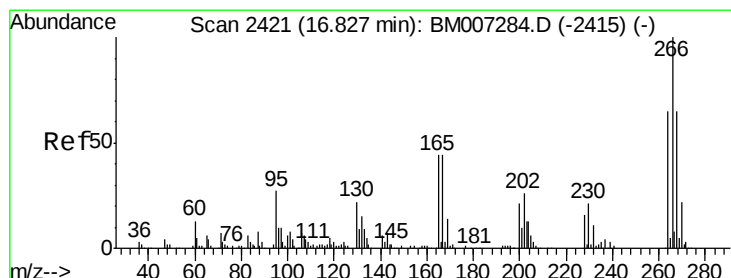
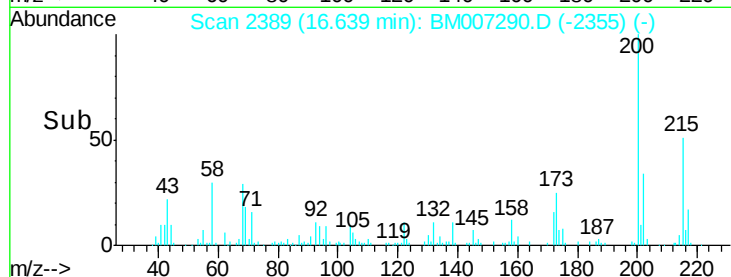
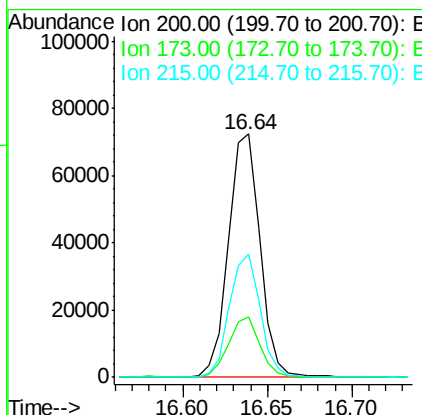
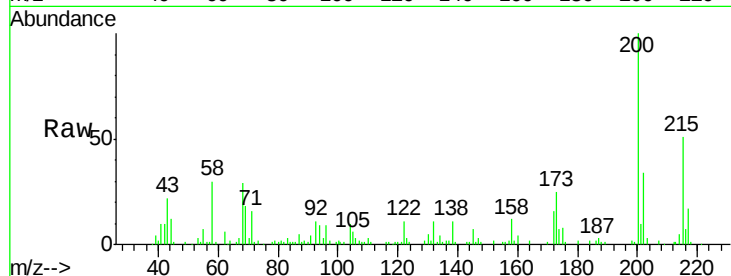
#67
Atrazine
Concen: 2.81 ng/ul
RT: 16.64 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Instrument :
BNA_M
ClientSampleId :
MDL-05-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.7	18.9	28.3
215	50.8	39.5	59.3

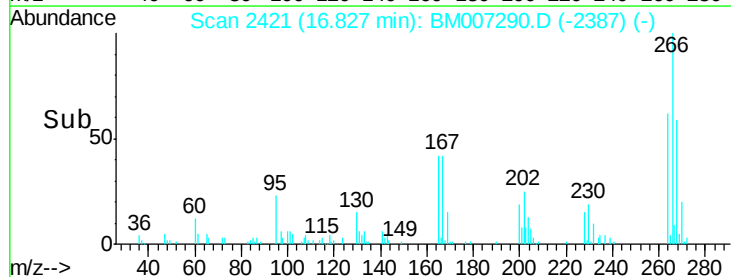
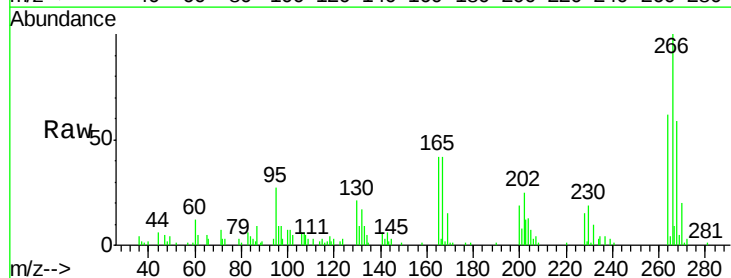
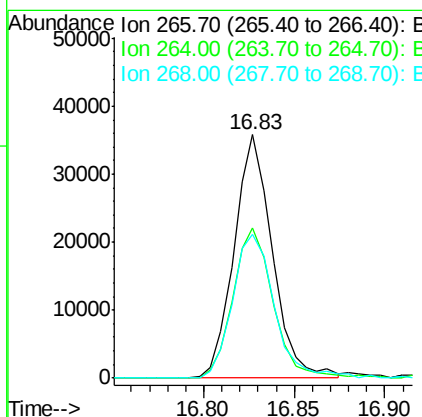
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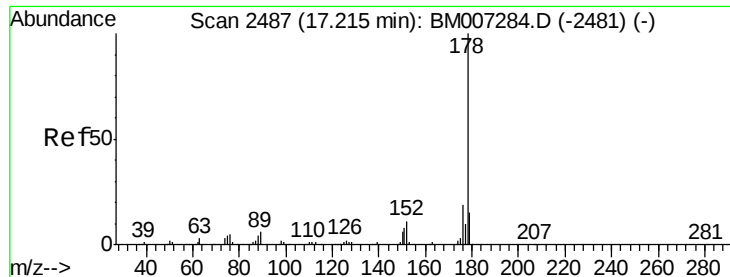
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#68
Pentachlorophenol
Concen: 2.26 ng/ul
RT: 16.83 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	61.5	50.6	75.8
268	59.3	51.0	76.6





#69

Phenanthrene

Concen: 2.81 ng/ul

RT: 17.22 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BM007290.D

Acq: 24 Aug 2016 23:27

Instrument :

BNA_M

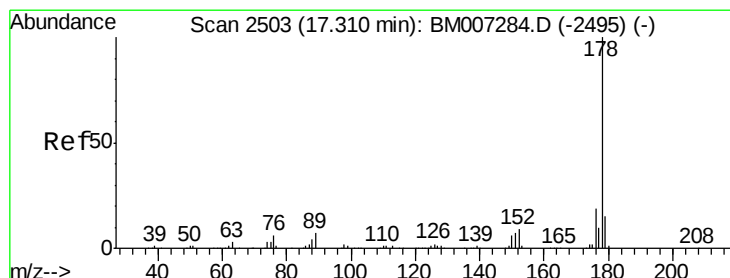
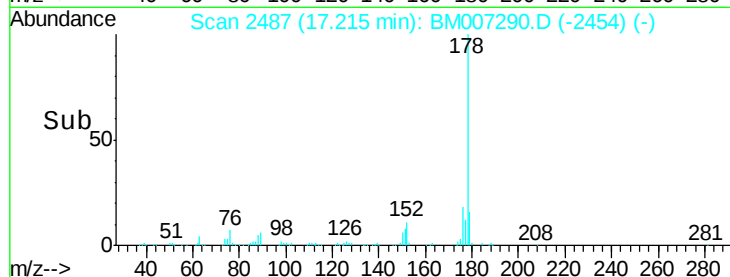
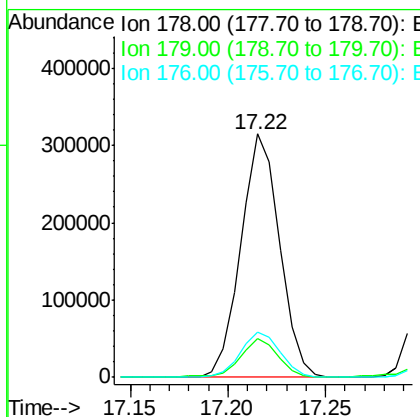
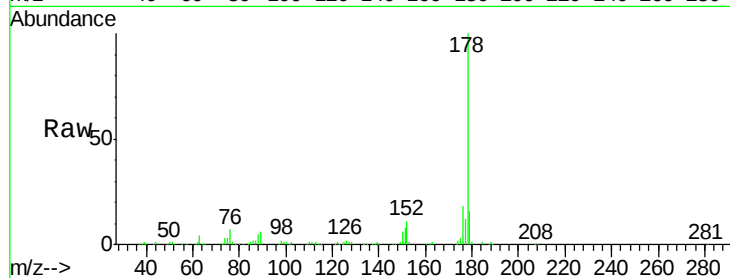
ClientSampleId :

MDL-05-S-ML

Tgt Ion:	178	Resp:	430393
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.2	18.2
176	18.5	15.1	22.7

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#71

Anthracene

Concen: 2.80 ng/ul

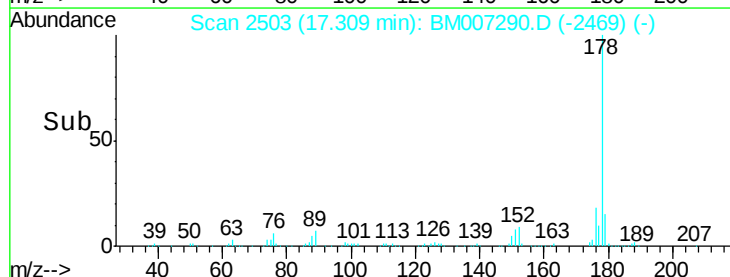
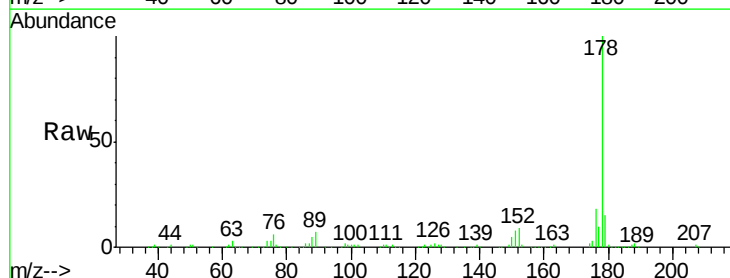
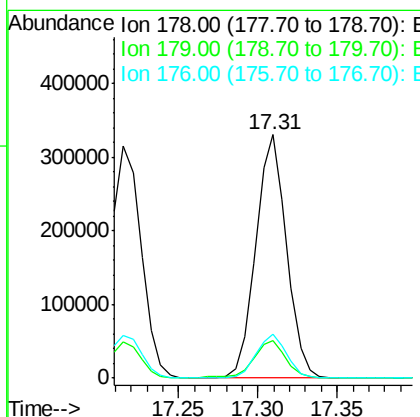
RT: 17.31 min Scan# 2503

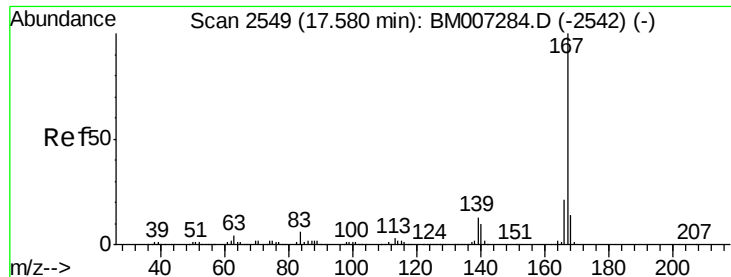
Delta R.T. -0.00 min

Lab File: BM007290.D

Acq: 24 Aug 2016 23:27

Tgt Ion:	178	Resp:	442987
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.1	18.1
176	17.8	14.5	21.7





#72

Carbazole

Concen: 2.90 ng/ul

RT: 17.58 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BM007290.D

Acq: 24 Aug 2016 23:27

Instrument :

BNA_M

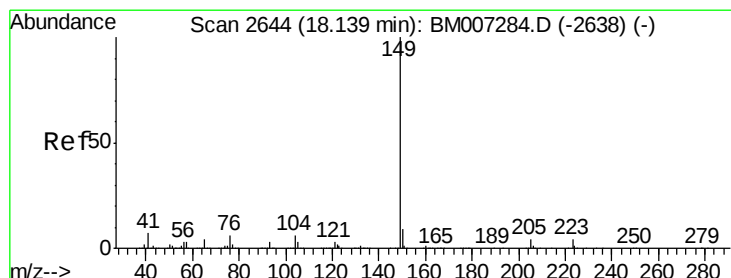
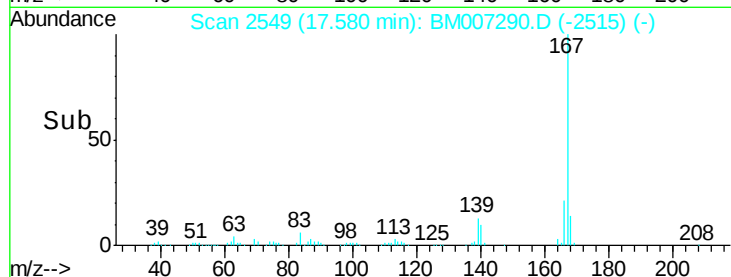
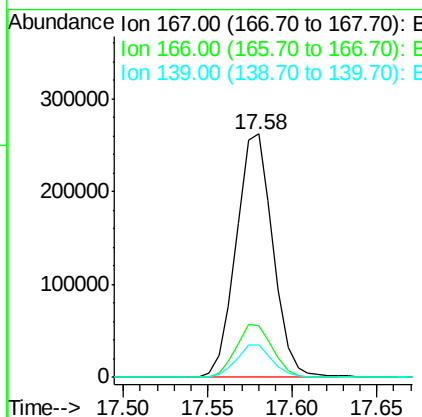
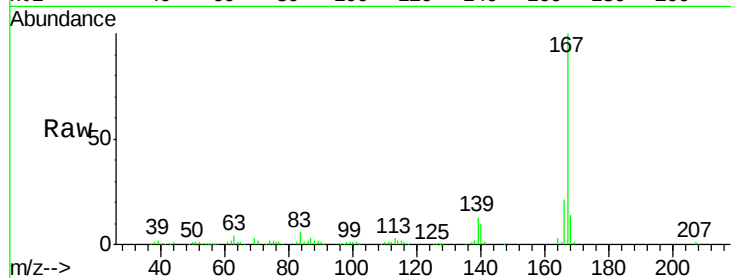
ClientSampleId :

MDL-05-S-ML

Tgt Ion:	167	Resp:	397940
Ion Ratio	Lower	Upper	
167	100		
166	21.4	16.6	25.0
139	13.1	10.2	15.4

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#73

Di-n-butylphthalate

Concen: 2.77 ng/ul

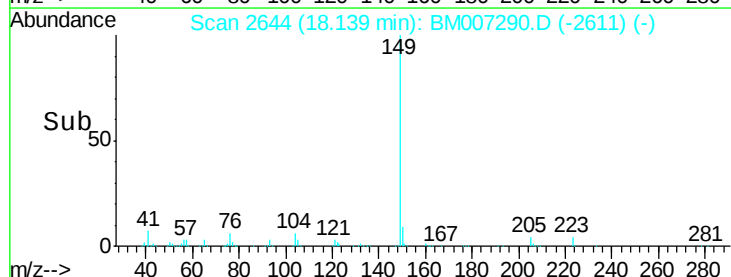
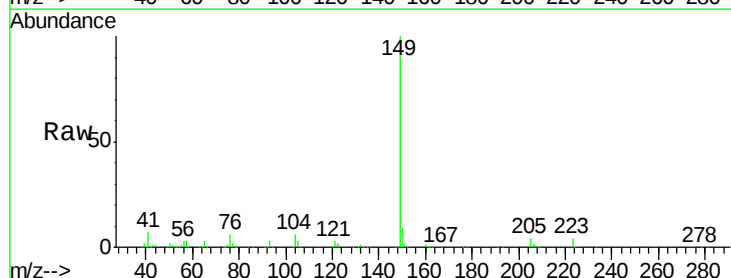
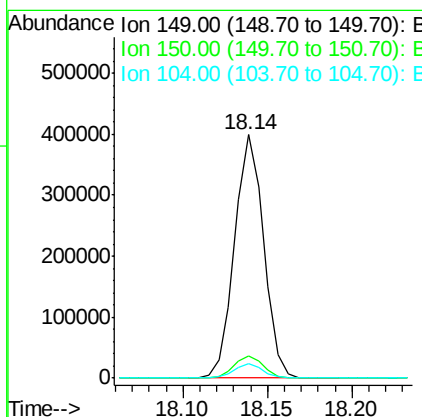
RT: 18.14 min Scan# 2644

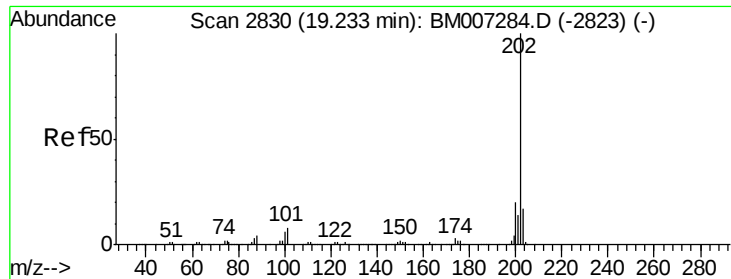
Delta R.T. -0.01 min

Lab File: BM007290.D

Acq: 24 Aug 2016 23:27

Tgt Ion:	149	Resp:	477894
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.6	11.4
104	5.8	4.6	7.0





#74

Fluoranthene

Concen: 3.10 ng/ul

RT: 19.23 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM007290.D

Acq: 24 Aug 2016 23:27

Instrument :

BNA_M

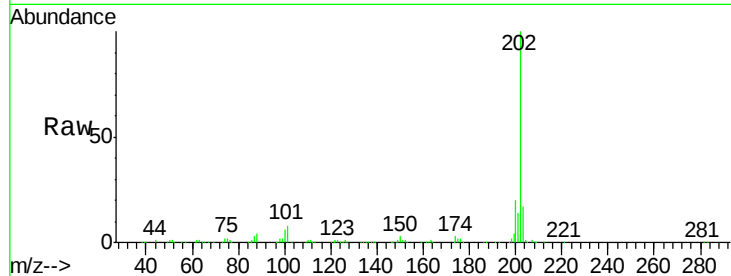
ClientSampleId :

MDL-05-S-ML

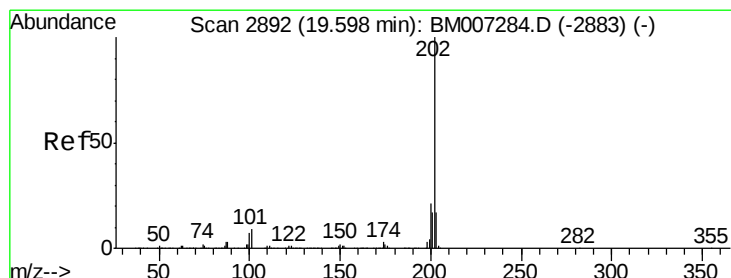
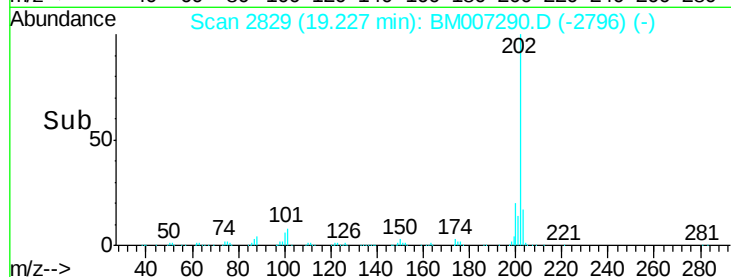
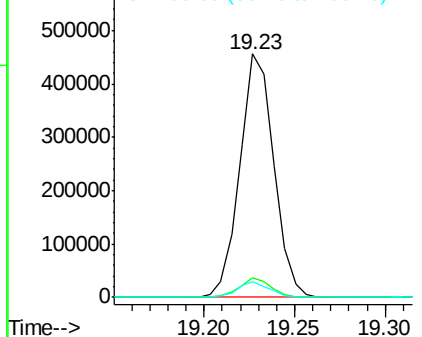
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	596078		
101	8.1	6.9	10.3	
100	6.4	5.4	8.0	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 2.84 ng/ul

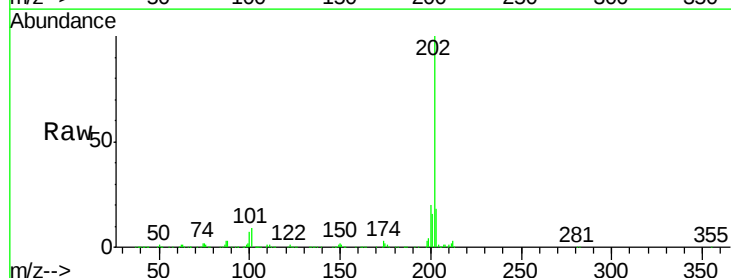
RT: 19.60 min Scan# 2892

Delta R.T. -0.00 min

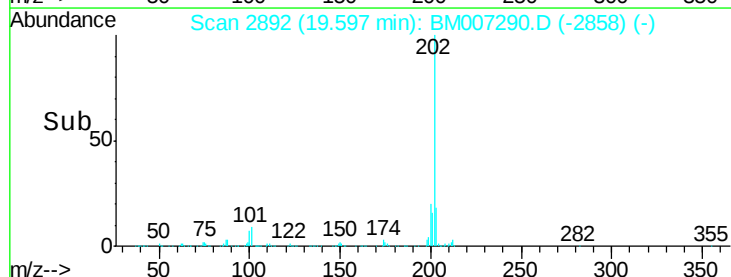
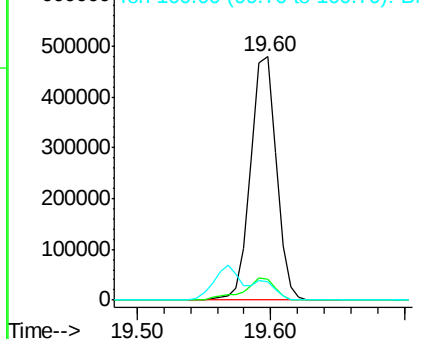
Lab File: BM007290.D

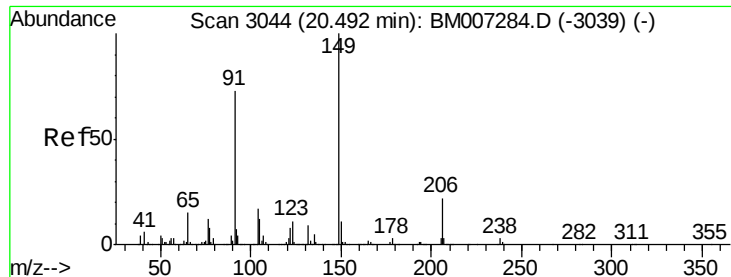
Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	636899		
101	8.5	8.4	12.6	
100	7.4	6.9	10.3	



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





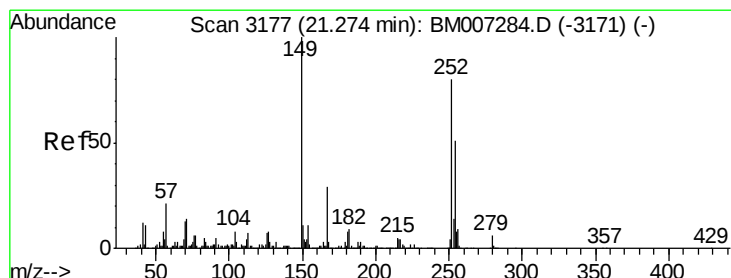
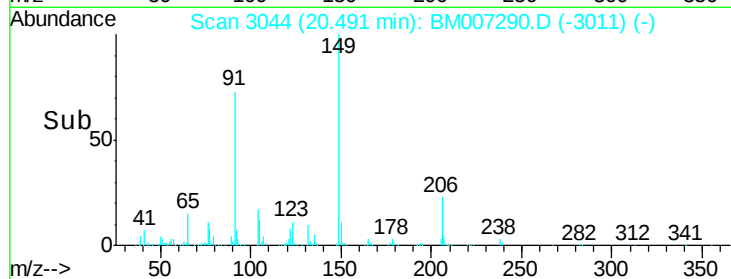
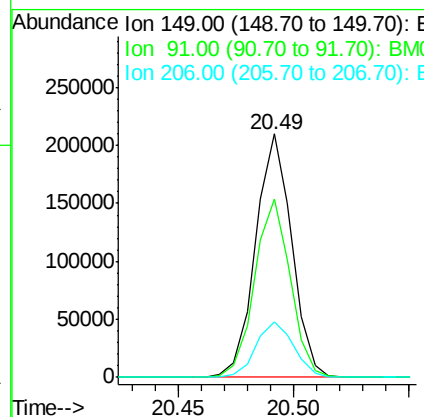
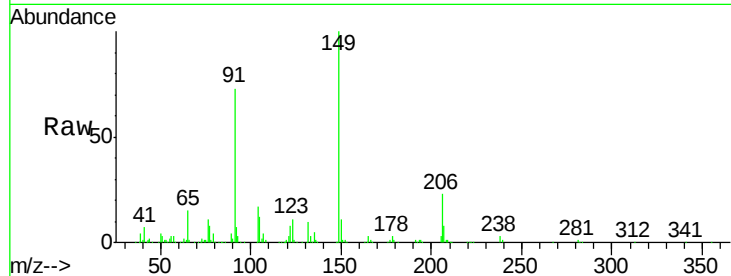
#78
Butylbenzylphthalate
Concen: 2.46 ng/ul
RT: 20.49 min Scan# 3044
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Instrument :
BNA_M
ClientSampleId :
MDL-05-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	229460		
91	73.3	57.3	85.9	
206	23.0	18.6	27.8	

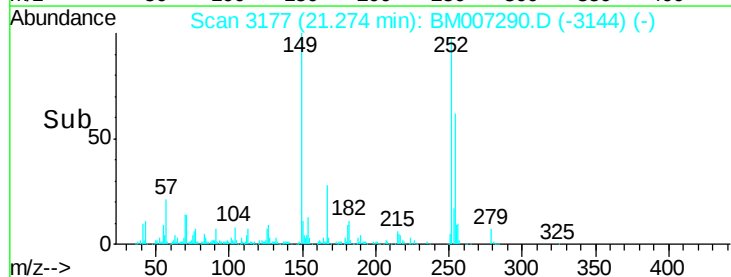
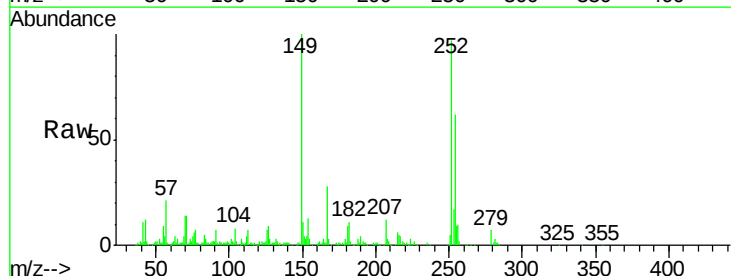
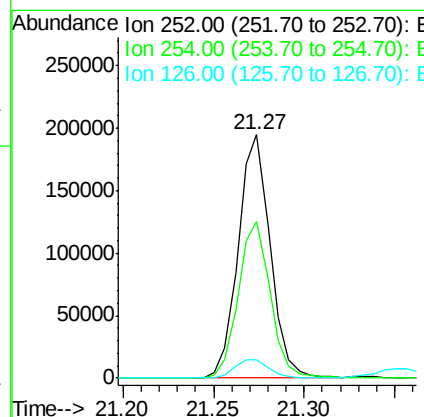
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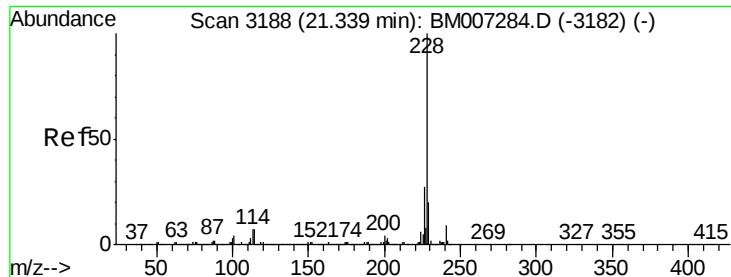
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#79
3,3'-Dichlorobenzidine
Concen: 2.88 ng/ul
RT: 21.27 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	239079		
254	64.4	51.0	76.4	
126	7.6	7.1	10.7	





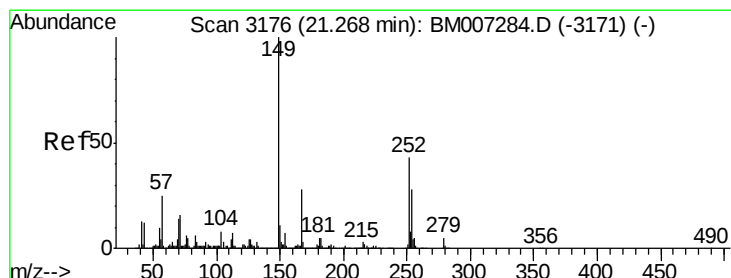
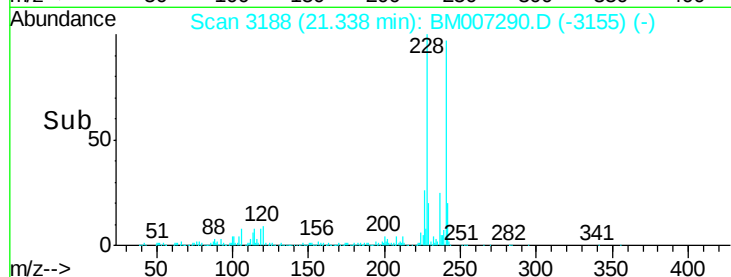
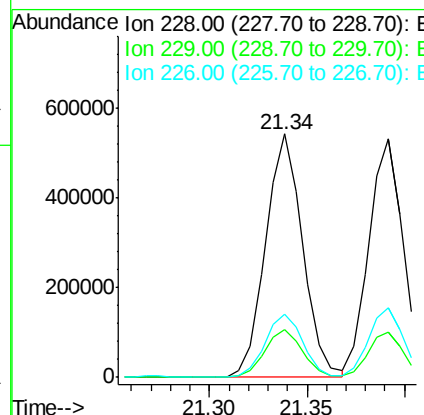
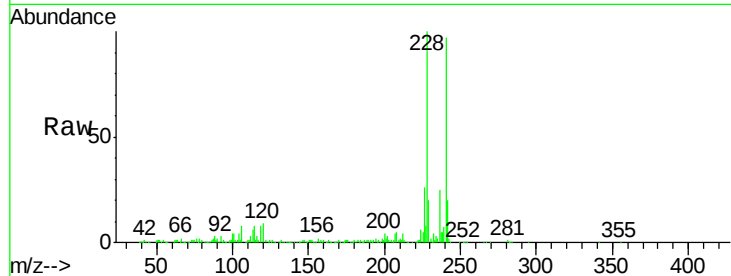
#80
Benzo(a)anthracene
Concen: 2.90 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Instrument :
BNA_M
ClientSampleId :
MDL-05-S-ML

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.6	23.4
226	26.1	21.8	32.8

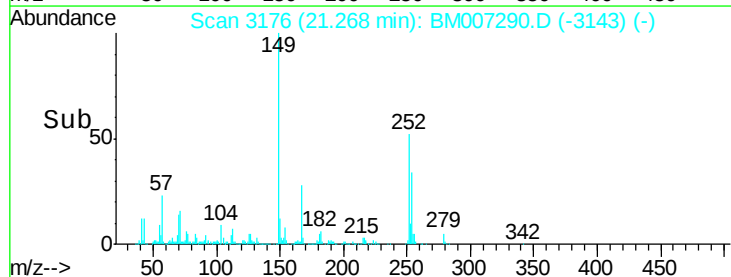
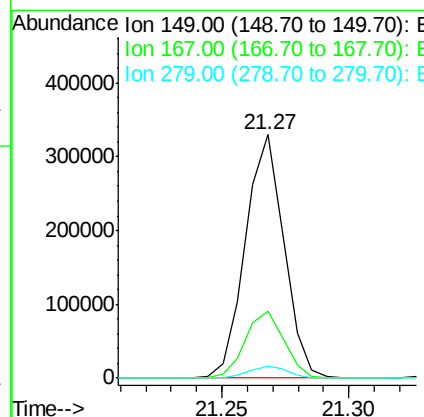
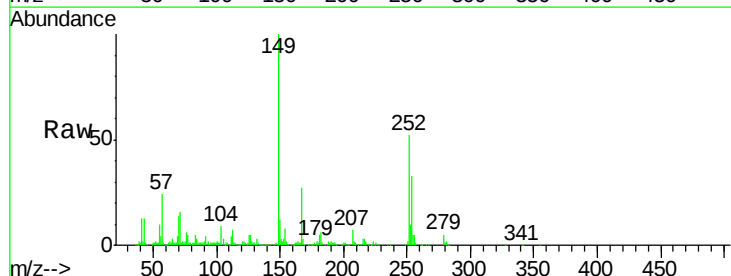
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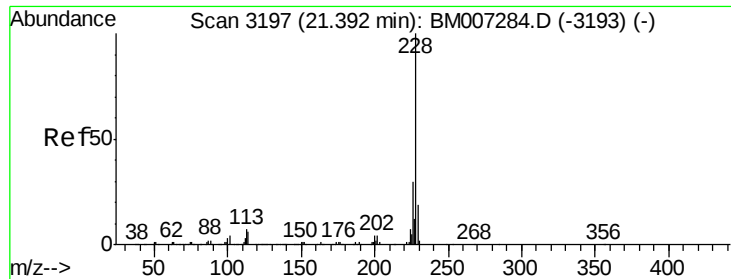
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#81
Bis(2-ethylhexyl)phthalate
Concen: 2.58 ng/ul
RT: 21.27 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.2	34.8
279	5.2	4.1	6.1





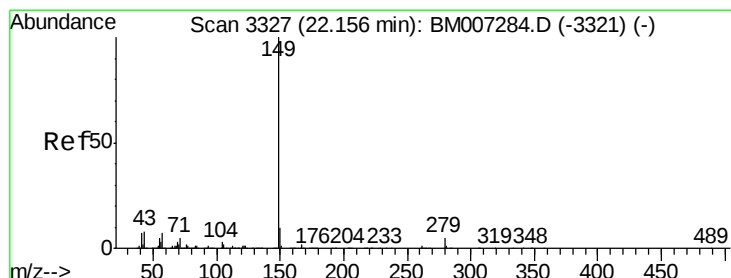
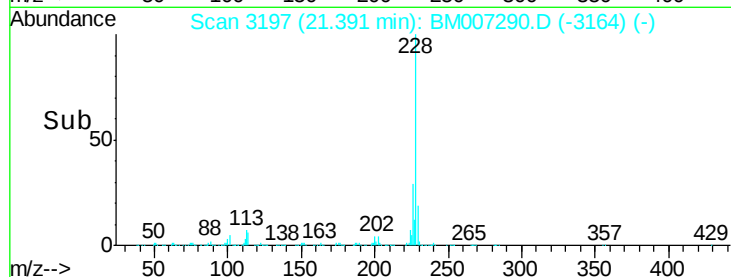
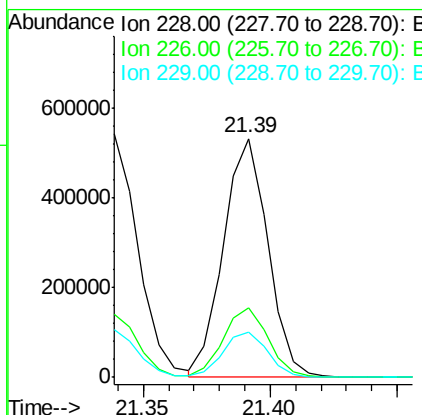
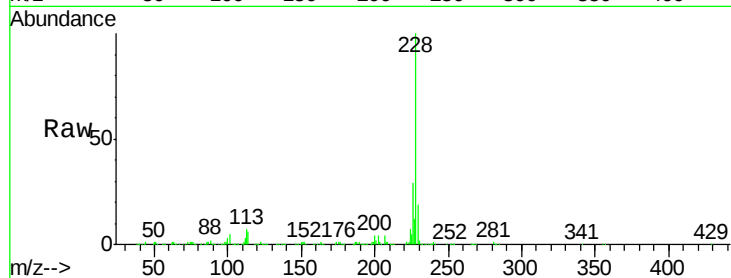
#82
 Chrysene
 Concen: 2.88 ng/ul
 RT: 21.39 min Scan# 3197
 Delta R.T. -0.01 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	643577		
226	29.4		23.4	35.2
229	18.9		15.5	23.3

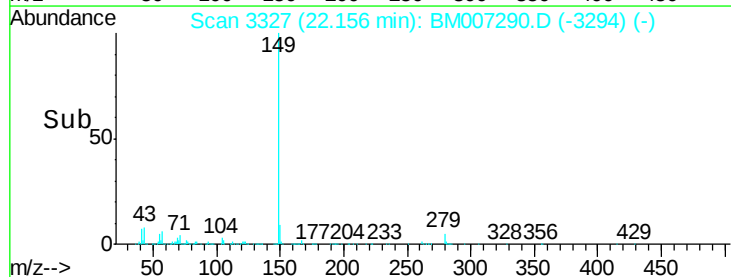
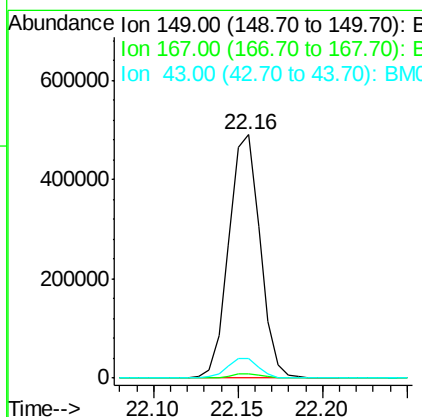
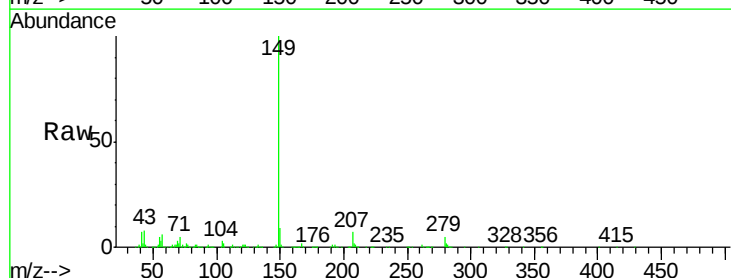
Manual Integrations
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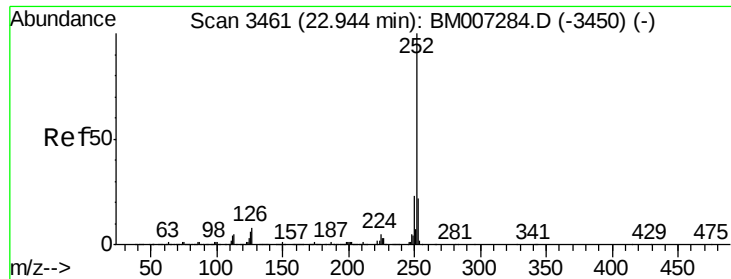
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#84
 Di-n-octyl phthalate
 Concen: 2.67 ng/ul
 RT: 22.16 min Scan# 3327
 Delta R.T. -0.01 min
 Lab File: BM007290.D
 Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	627926		
167	1.8		1.3	1.9
43	8.0		6.6	10.0





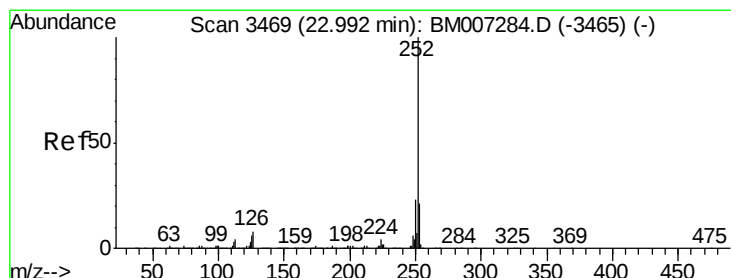
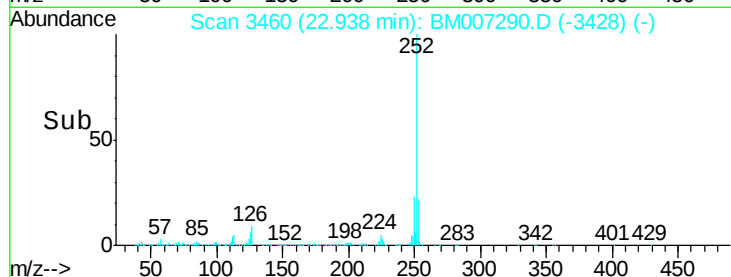
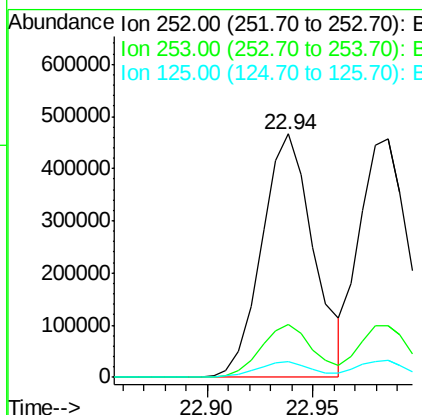
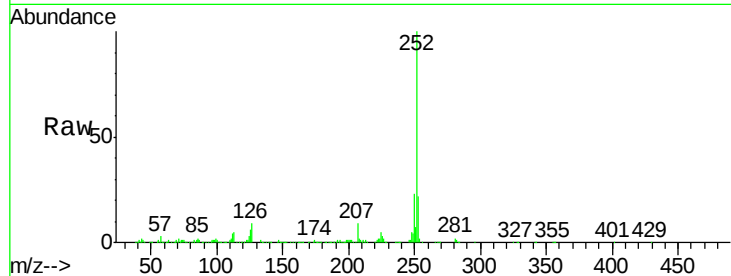
#85
Benzo(b)fluoranthene
Concen: 2.86 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Instrument :
BNA_M
ClientSampleId :
MDL-05-S-ML

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	6.3	5.8	8.8

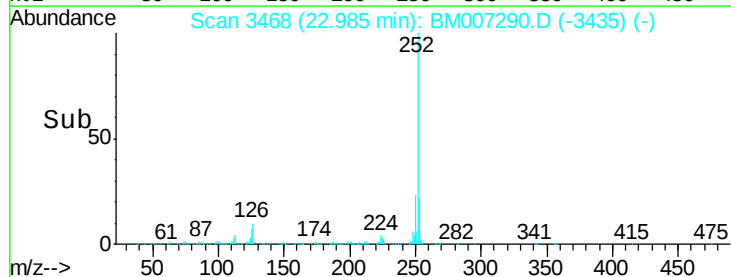
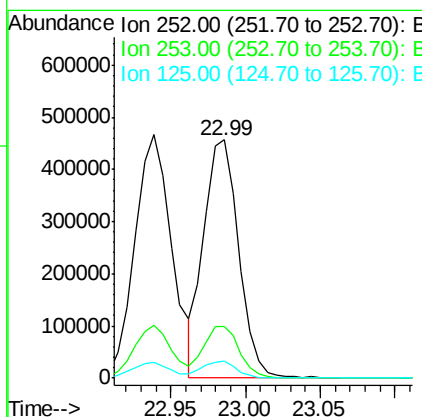
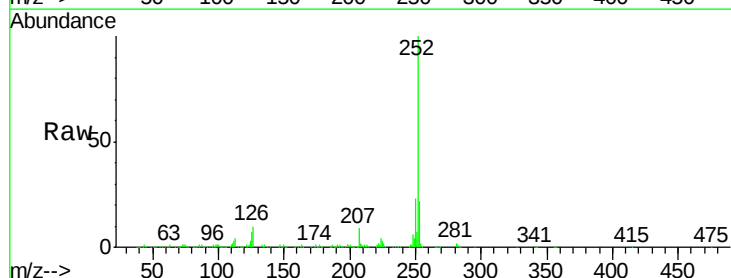
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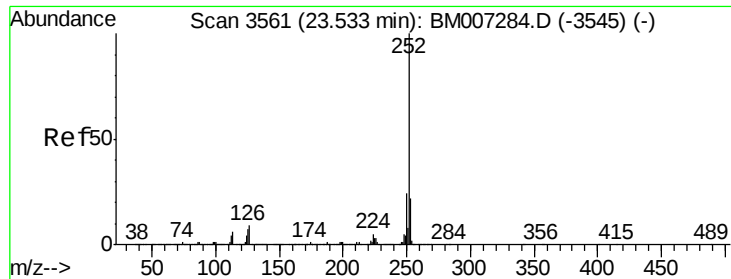
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#86
Benzo(k)fluoranthene
Concen: 2.87 ng/ul
RT: 22.99 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	6.9	5.7	8.5





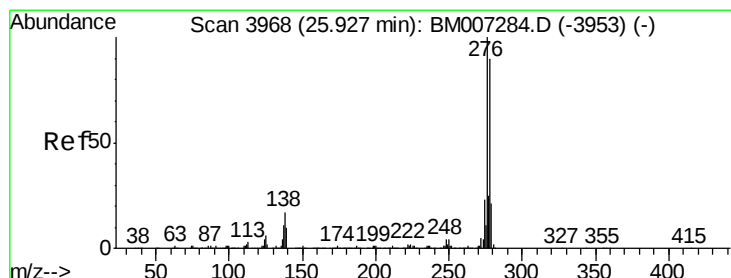
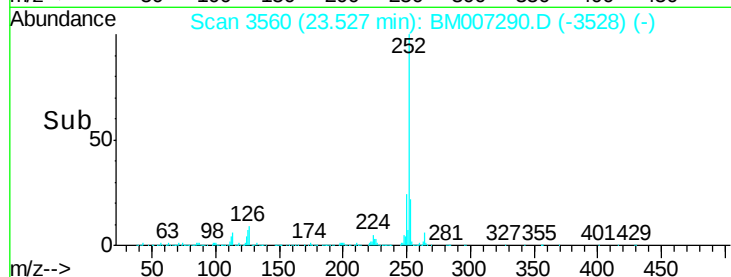
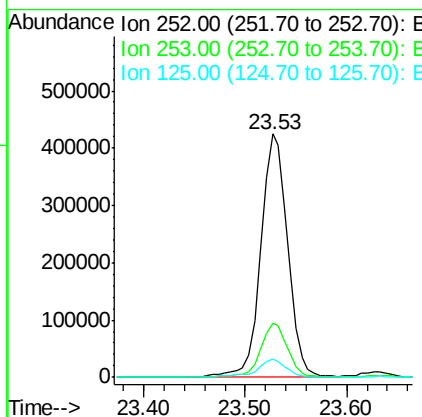
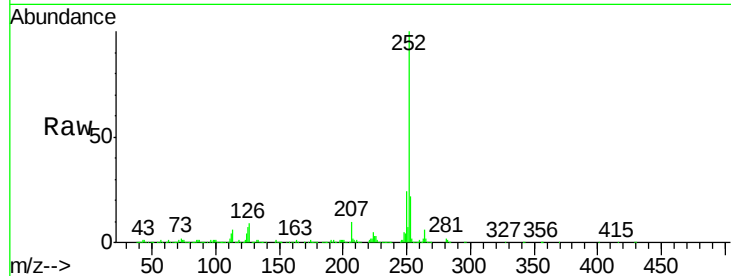
#88
Benzo(a)pyrene
Concen: 2.91 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Instrument :
BNA_M
ClientSampleId :
MDL-05-S-ML

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	7.5	6.6	9.8

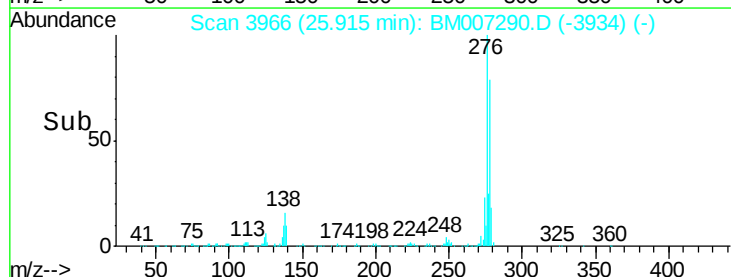
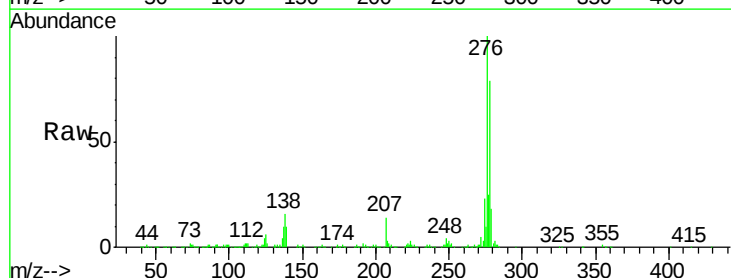
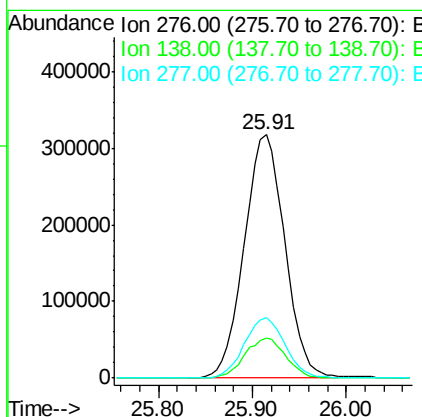
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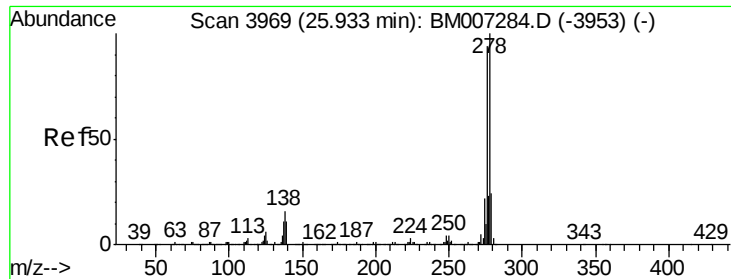
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.90 ng/ul
RT: 25.91 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.9	20.9
277	25.0	20.1	30.1





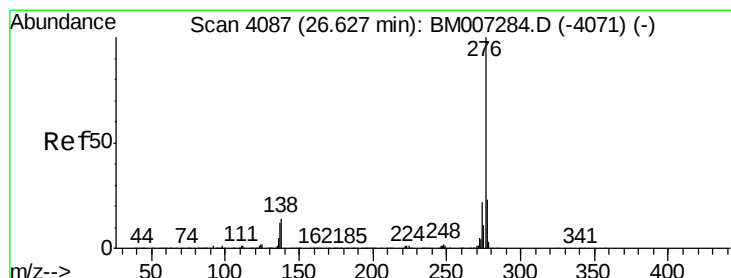
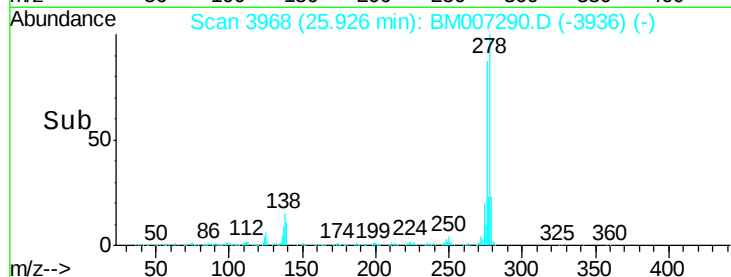
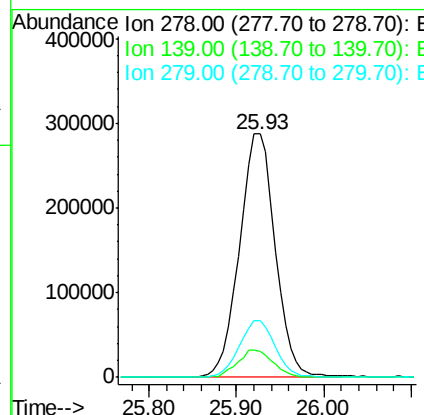
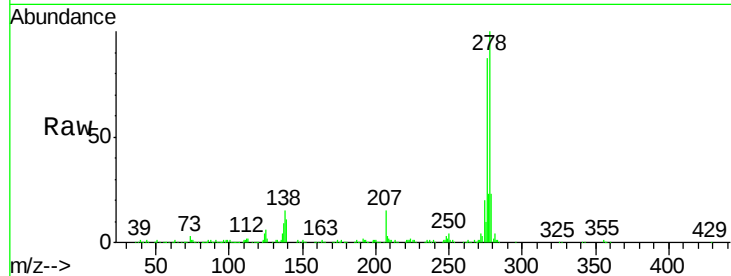
#90
Dibenzo(a,h)anthracene
Concen: 2.92 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.01 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Instrument :
BNA_M
ClientSampleId :
MDL-05-S-ML

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.8	9.5	14.3
279	23.1	19.1	28.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.82 ng/ul
RT: 26.61 min Scan# 4085
Delta R.T. -0.02 min
Lab File: BM007290.D
Acq: 24 Aug 2016 23:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	13.5	20.3
277	24.1	19.3	28.9

