

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
 Data File : BM000071.D
 Acq On : 29 Dec 2014 22:41
 Operator : TP
 Sample : MDL-05-S
 Misc : MDL--SOIL-4PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-5

Manual Integrations
 APPROVED

TEJASKUMAR
 1/7/2015 9:21:00 AM

Quant Time: Dec 31 06:19:06 2014
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 31 02:57:11 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	237714	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1054991	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	765396	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1546946	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1482725	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1127774	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	23153	5.65	ng/uL	0.00
5) Phenol-d5	7.00	99	534274	25.94	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	350657	27.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	394860	26.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	433492	26.65	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	205243	28.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	218058	29.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	416424	25.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	581675	31.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1502004	26.61	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1761964	26.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	213418	23.40	ng/ul	0.00
57) Fluorene-d10	15.47	176	1271733	26.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	131699	17.17	ng/ul	0.00
70) Anthracene-d10	17.32	188	1916836	26.80	ng/ul	0.00
76) Pyrene-d10	19.61	212	2041936	29.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1443288	28.36	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.36	88	13275	2.34 ng/uL#	91
4) Benzaldehyde	6.98	77	33697	2.63 ng/ul	99
6) Phenol	7.03	94	46657	2.18 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.27	93	38691	2.36 ng/ul	96
10) 2-Chlorophenol	7.41	128	32056	2.09 ng/ul	98
11) 2-Methylphenol	8.28	108	32440	1.96 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.38	45	63616	2.41 ng/ul	98
14) Acetophenone	8.66	105	59704	2.15 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.64	70	32285	2.22 ng/ul	93
16) 4-Methylphenol	8.60	108	37079	2.07 ng/ul	90
17) Hexachloroethane	8.93	117	14330	2.04 ng/ul	94
20) Nitrobenzene	9.04	77	50818	2.34 ng/ul	96
21) Isophorone	9.57	82	88055	2.10 ng/ul	99
23) 2-Nitrophenol	9.75	139	19678	2.39 ng/ul	91
24) 2,4-Dimethylphenol	9.81	107	46833	2.10 ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	51500	2.21 ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	35000	2.13 ng/ul#	83
28) Naphthalene	10.69	128	119336	2.22 ng/ul	100
30) 4-Chloroaniline	10.79	127	42389	2.20 ng/ul	99
31) Hexachlorobutadiene	10.97	225	26919	2.31 ng/ul	90
32) Caprolactam	11.57	113	9139	1.67 ng/ul	96
33) 4-Chloro-3-methylphenol	11.91	107	39379	1.95 ng/ul	94
34) 2-Methylnaphthalene	12.30	142	87681	2.20 ng/ul	100

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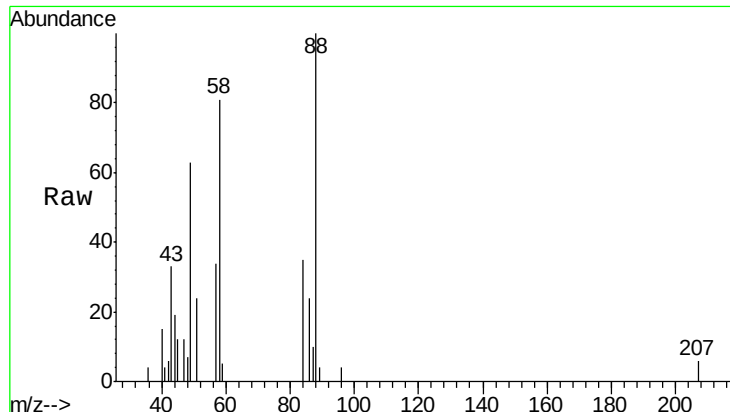
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 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	47965	2.26	ng/ul#	98
37) Hexachlorocyclopentadiene	12.65	237	22451	1.60	ng/ul	89
38) 2,4,6-Trichlorophenol	12.90	196	24020m	1.77	ng/ul	
39) 2,4,5-Trichlorophenol	12.97	196	27169	1.85	ng/ul	94
40) 1,1'-Biphenyl	13.32	154	117518	2.13	ng/ul	97
41) 2-Chloronaphthalene	13.35	162	92503	2.19	ng/ul	98
42) 2-Nitroaniline	13.56	65	24490	1.79	ng/ul	95
44) Dimethylphthalate	13.93	163	120402	2.14	ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	18047	1.79	ng/ul#	79
47) Acenaphthylene	14.20	152	149923	2.10	ng/ul	99
48) 3-Nitroaniline	14.38	138	18800	1.83	ng/ul	95
49) Acenaphthene	14.54	153	96914	2.13	ng/ul	98
50) 2,4-Dinitrophenol	14.59	184	3787	0.74	ng/ul	92
52) 4-Nitrophenol	14.68	109	23318	1.92	ng/ul	90
53) Dibenzofuran	14.87	168	142790	2.17	ng/ul	91
54) 2,4-Dinitrotoluene	14.84	165	27479	1.83	ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	15.10	232	23098	1.82	ng/ul	98
56) Diethylphthalate	15.29	149	124102	2.10	ng/ul	97
58) Fluorene	15.52	166	118064	2.16	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	59549	2.21	ng/ul	97
60) 4-Nitroaniline	15.53	138	21421	1.84	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.59	198	12763	1.63	ng/ul#	30
64) N-Nitrosodiphenylamine	15.73	169	98538	2.20	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	34466	2.19	ng/ul	95
66) Hexachlorobenzene	16.53	284	41477	2.28	ng/ul	96
67) Atrazine	16.68	200	36027	2.04	ng/ul	96
68) Pentachlorophenol	16.87	266	13679	1.24	ng/ul#	81
69) Phenanthrene	17.26	178	187199	2.24	ng/ul	100
71) Anthracene	17.35	178	189848	2.21	ng/ul	97
72) Carbazole	17.61	167	160382	2.07	ng/ul	98
73) Di-n-butylphthalate	18.19	149	195168	2.11	ng/ul	99
74) Fluoranthene	19.27	202	206129	2.15	ng/ul#	95
77) Pyrene	19.64	202	227790	2.55	ng/ul#	96
78) Butylbenzylphthalate	20.54	149	68380	1.88	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.33	252	50458	1.86	ng/ul#	98
80) Benzo(a)anthracene	21.39	228	193192	2.26	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.32	149	97966	1.85	ng/ul#	98
82) Chrysene	21.44	228	167500	2.12	ng/ul	97
84) Di-n-octyl phthalate	22.22	149	139346	1.80	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	161837	2.25	ng/ul	97
86) Benzo(k)fluoranthene	23.05	252	139406	2.27	ng/ul#	98
88) Benzo(a)pyrene	23.60	252	143112	2.26	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.04	276	136595	2.07	ng/ul	98
90) Dibenzo(a,h)anthracene	26.05	278	113477	2.04	ng/ul	98
91) Benzo(g,h,i)perylene	26.75	276	112771	2.08	ng/ul#	96

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



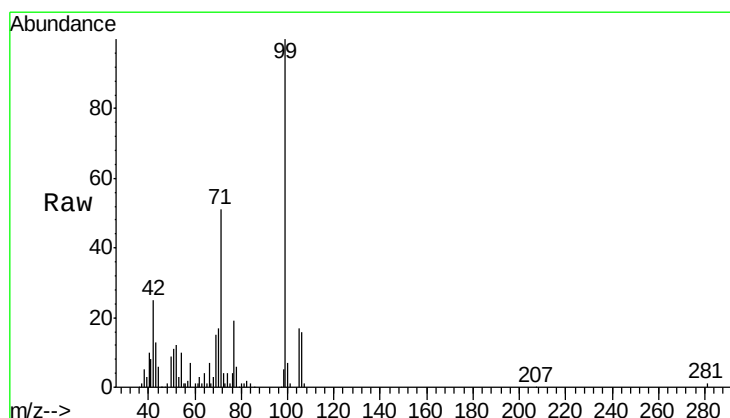
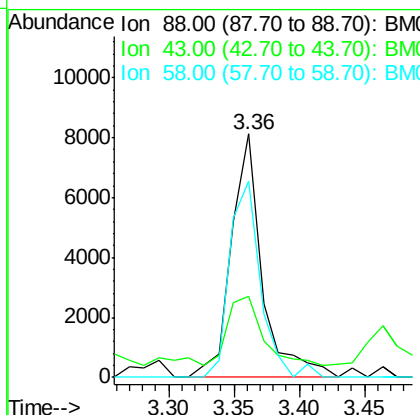
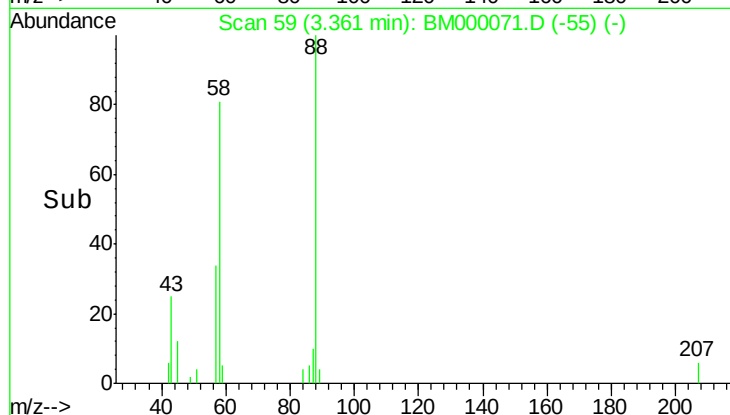
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1,4-Dioxane
Concen: 2.34 ng/uL
RT: 3.36 min Scan# 59
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-5

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.1	34.9	52.3#
58	79.0	67.3	100.9

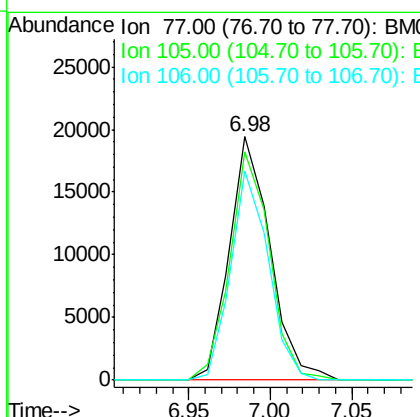
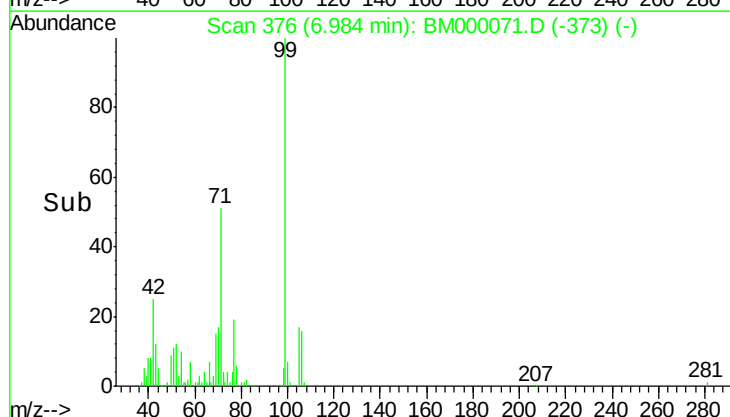
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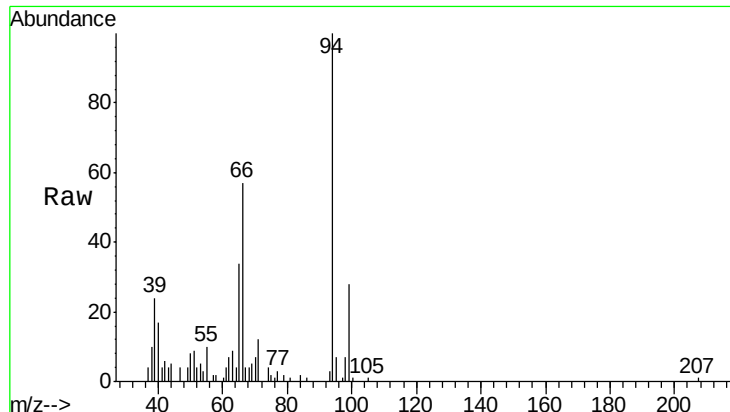
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#4
Benzaldehyde
Concen: 2.63 ng/uL
RT: 6.98 min Scan# 376
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion	Ratio	Lower	Upper
77	100		
105	93.9	73.5	110.3
106	85.6	67.9	101.9





#6

Phenol

Concen: 2.18 ng/ul

RT: 7.03 min Scan# 380

Delta R.T. -0.00 min

Lab File: BM000071.D

Acq: 29 Dec 2014 22:41

Instrument :

BNA_M

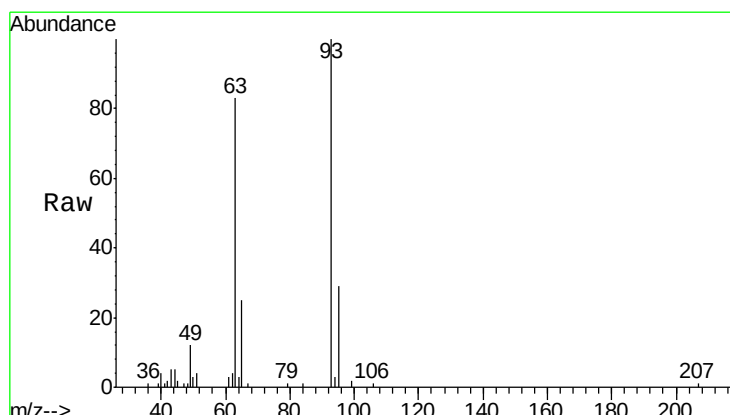
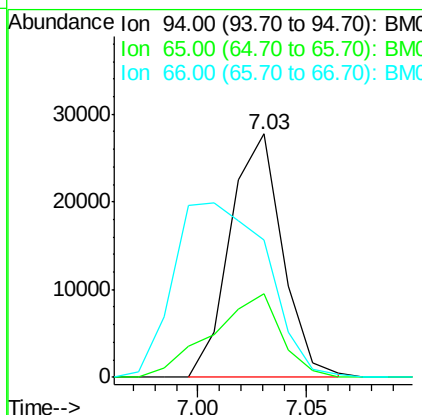
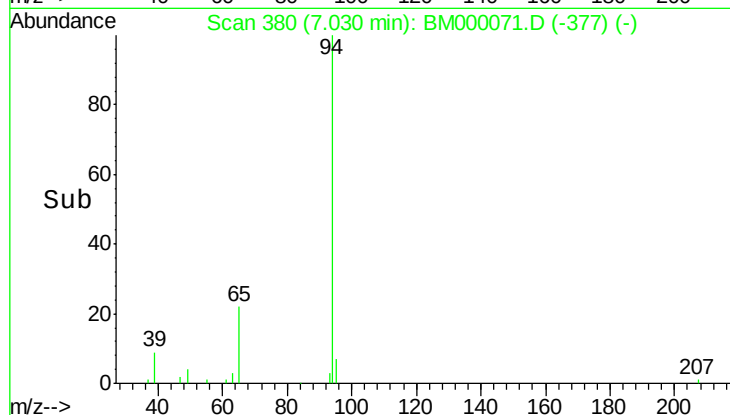
ClientSampleId :

MDL-Soil-5

Tgt Ion:	94	Resp:	46657
Ion	Ratio	Lower	Upper
94	100		
65	34.3	27.4	41.0
66	56.5	42.5	63.7

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#8

Bis(2-Chloroethyl)ether

Concen: 2.36 ng/ul

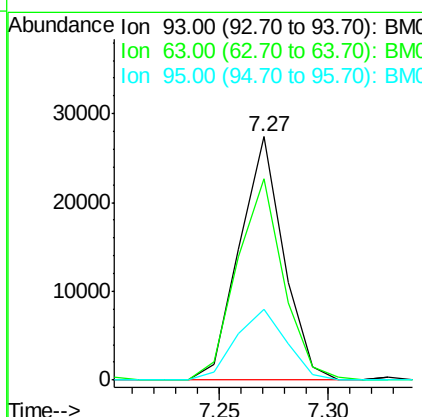
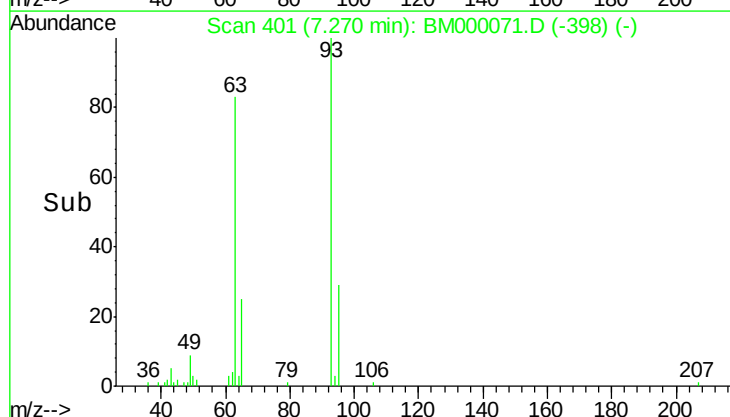
RT: 7.27 min Scan# 401

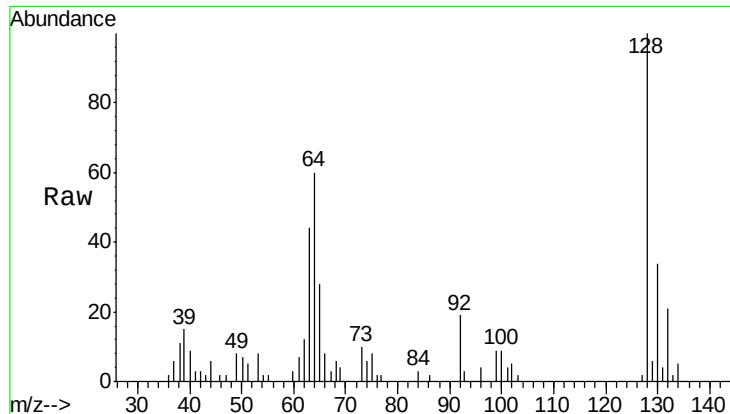
Delta R.T. -0.00 min

Lab File: BM000071.D

Acq: 29 Dec 2014 22:41

Tgt Ion:	93	Resp:	38691
Ion	Ratio	Lower	Upper
93	100		
63	82.8	68.9	103.3
95	28.9	24.6	37.0





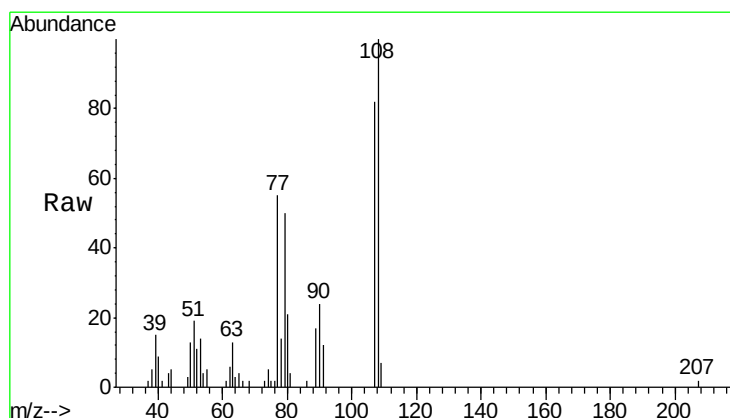
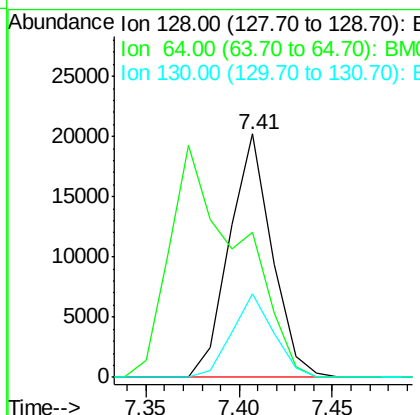
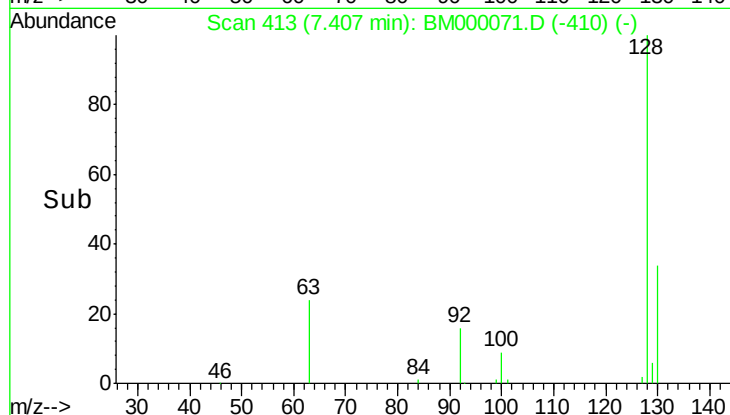
#10
2-Chlorophenol
Concen: 2.09 ng/ul
RT: 7.41 min Scan# 413
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Instrument :
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ClientSampleId :
MDL-Soil-5

Tgt Ion	Ratio	Lower	Upper
128	100		
64	59.6	47.2	70.8
130	34.2	25.2	37.8

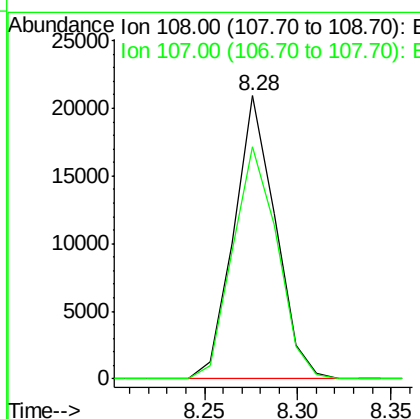
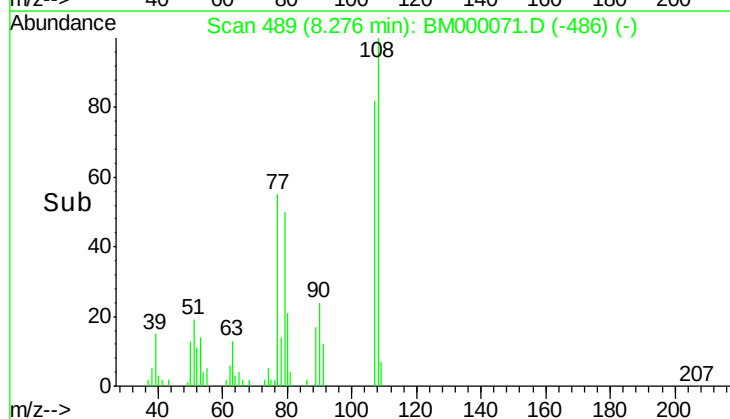
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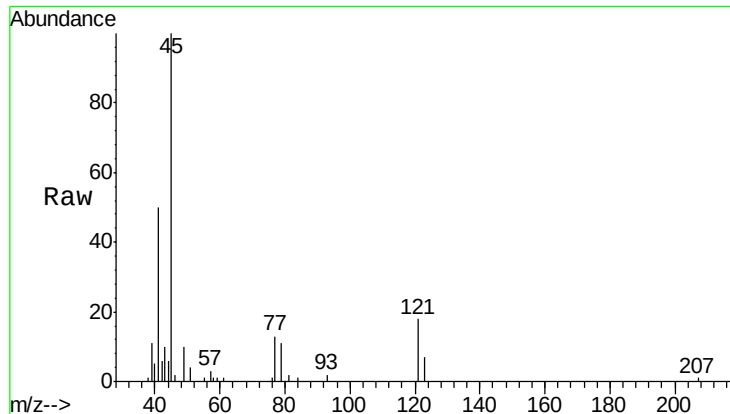
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#11
2-Methylphenol
Concen: 1.96 ng/ul
RT: 8.28 min Scan# 489
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion	Ratio	Lower	Upper
108	100		
107	82.0	70.7	106.1





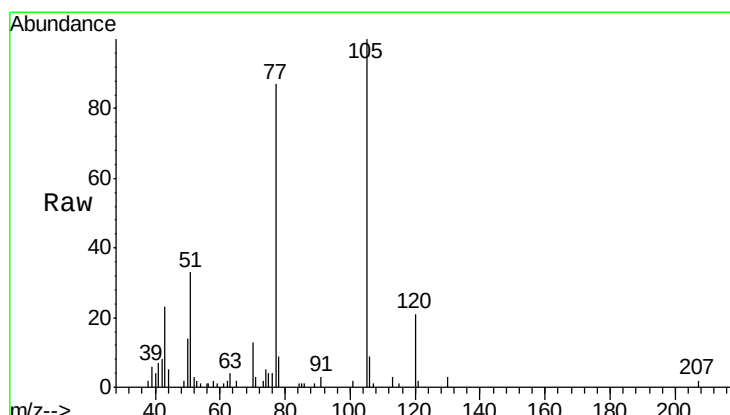
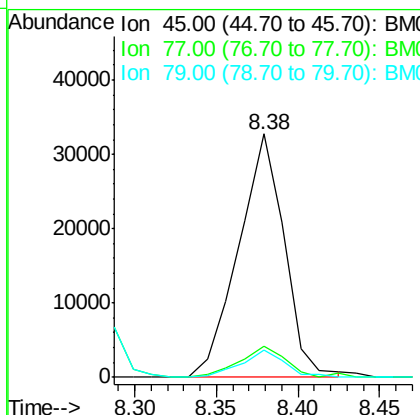
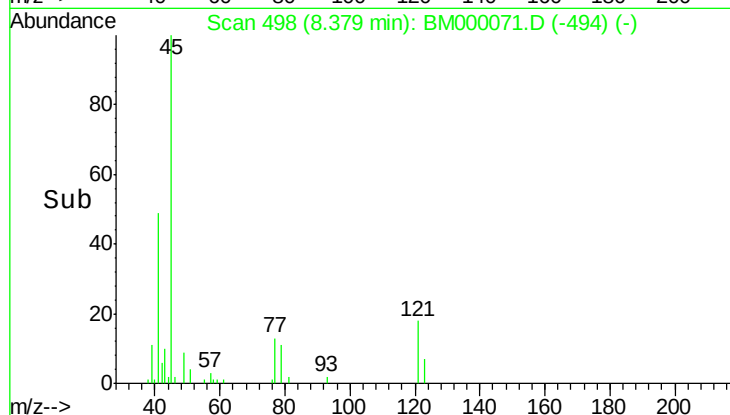
#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.41 ng/ul
RT: 8.38 min Scan# 498
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Instrument :
BNA_M
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MDL-Soil-5

Tgt Ion:	45	Resp:	63616
Ion Ratio	Lower	Upper	
45	100		
77	12.9	9.9	14.9
79	11.2	8.3	12.5

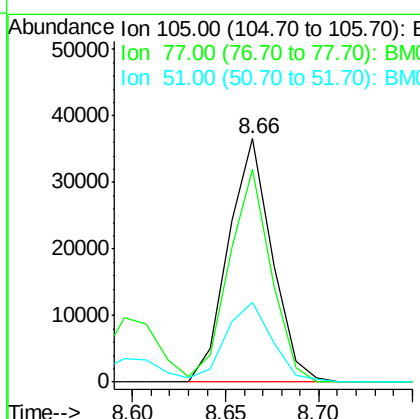
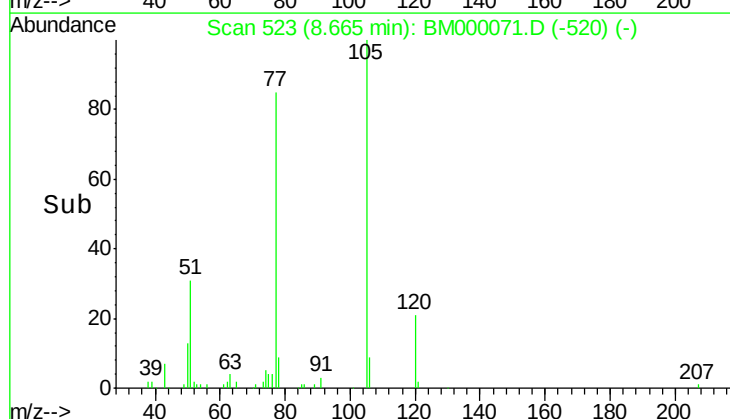
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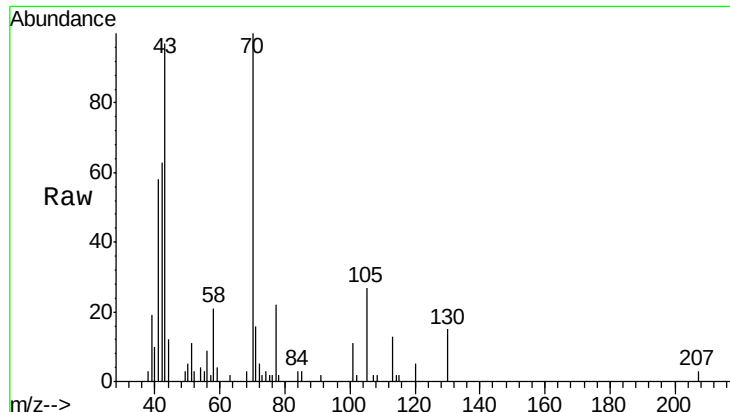
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#14
Acetophenone
Concen: 2.15 ng/ul
RT: 8.66 min Scan# 523
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion:	105	Resp:	59704
Ion Ratio	Lower	Upper	
105	100		
77	87.3	66.3	99.5
51	32.8	26.5	39.7





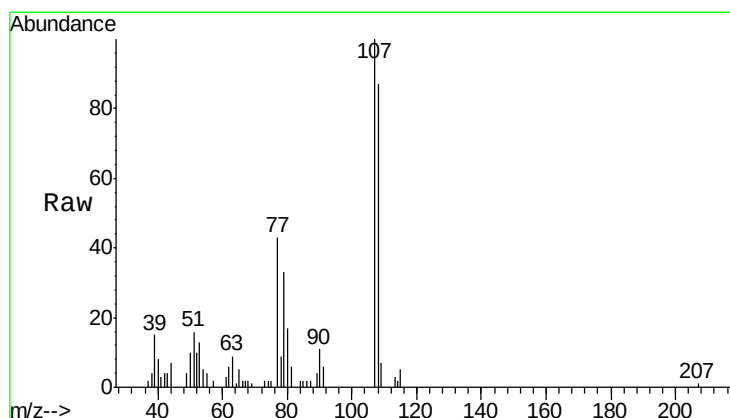
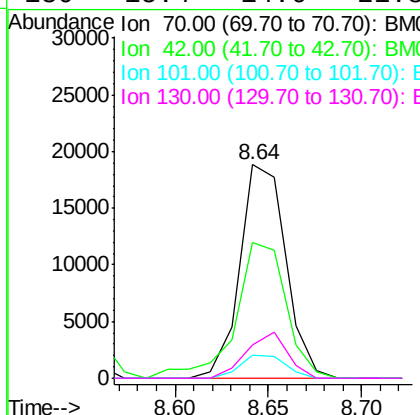
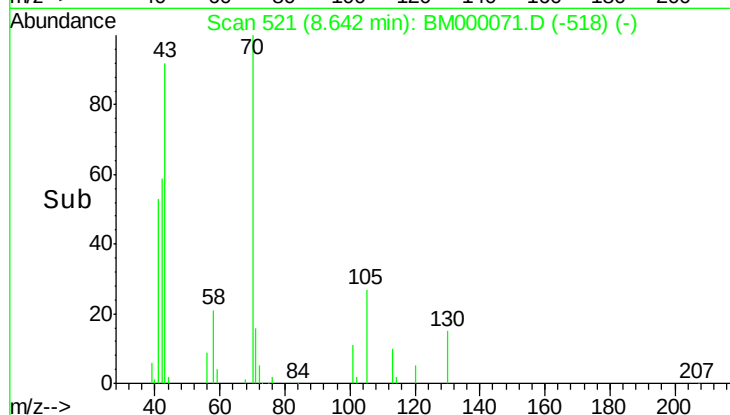
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N-Nitroso-di-n-propylamine
Concen: 2.22 ng/ul
RT: 8.64 min Scan# 521
Delta R.T. -0.01 min
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Tgt Ion:	70	Resp:	32285
Ion Ratio	Lower	Upper	
70	100		
42	63.5	46.4	69.6
101	10.5	7.8	11.8
130	15.4	14.6	21.8

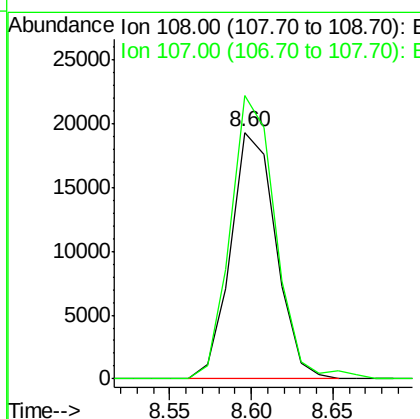
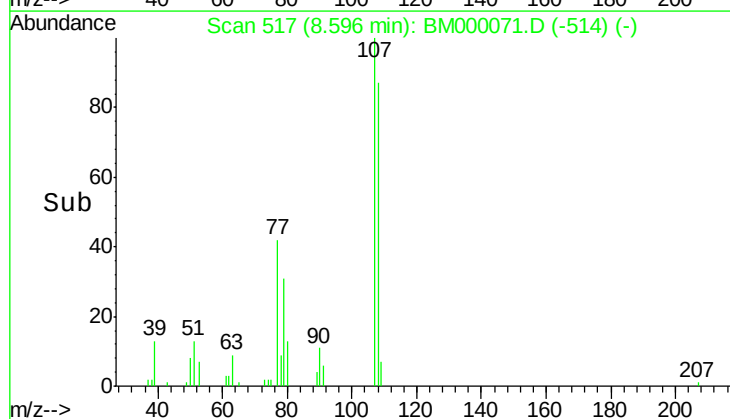
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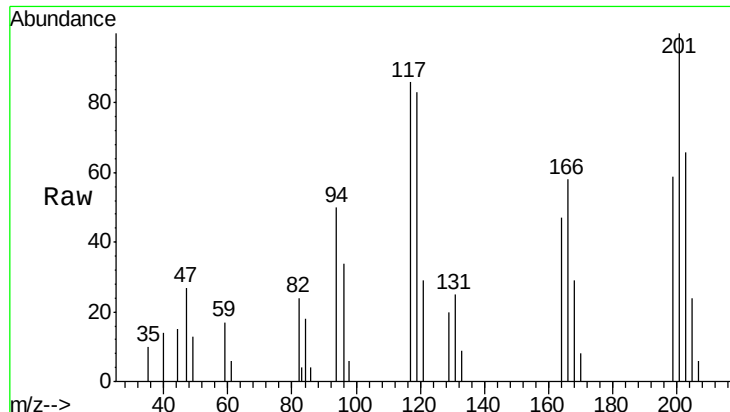
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#16
4-Methylphenol
Concen: 2.07 ng/ul
RT: 8.60 min Scan# 517
Delta R.T. -0.01 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion:	108	Resp:	37079
Ion Ratio	Lower	Upper	
108	100		
107	114.9	84.0	126.0





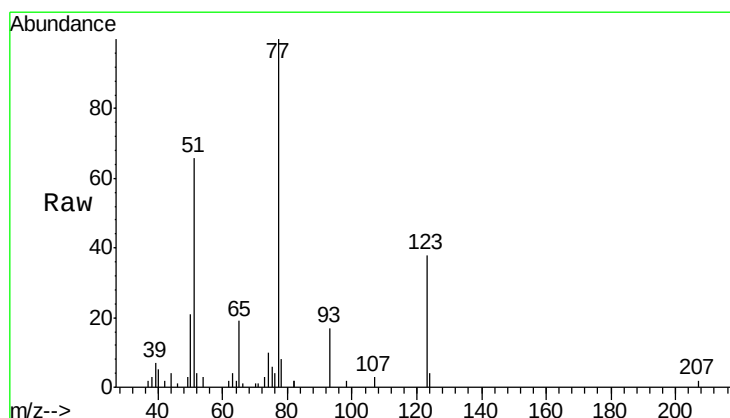
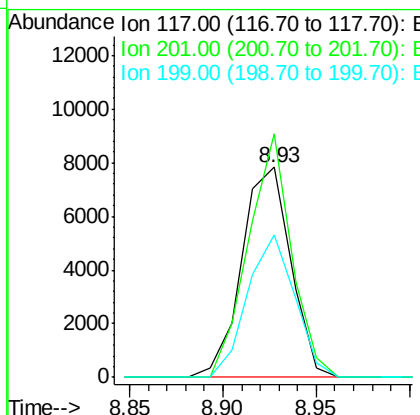
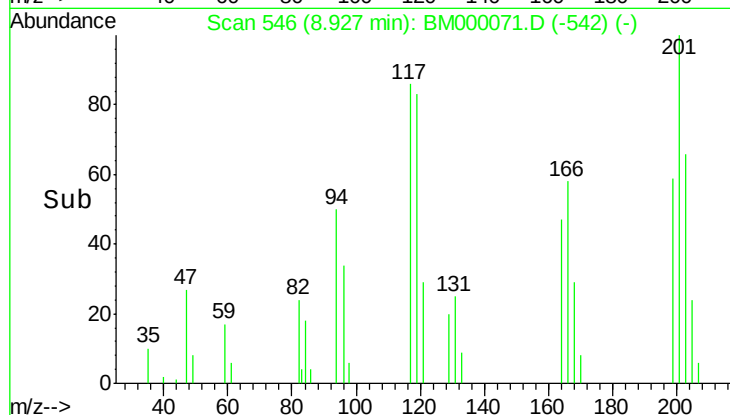
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Hexachloroethane
Concen: 2.04 ng/ul
RT: 8.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Instrument :
BNA_M
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MDL-Soil-5

Tgt Ion:117 Resp: 14330
Ion Ratio Lower Upper
117 100
201 115.8 85.2 127.8
199 68.0 55.1 82.7

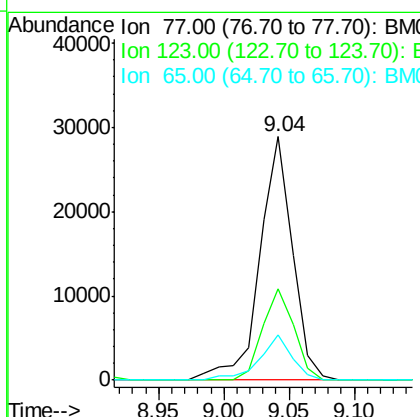
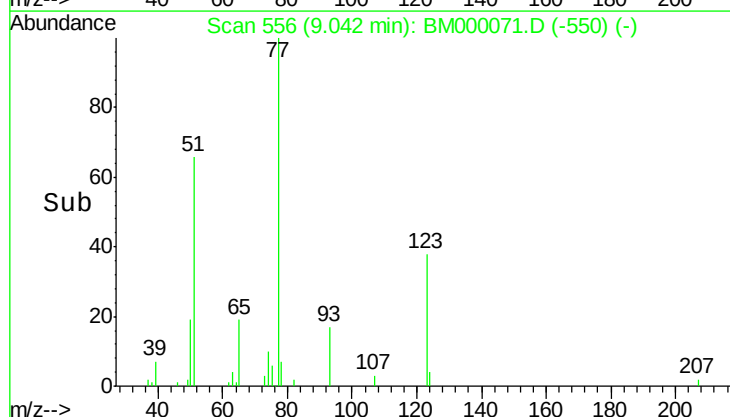
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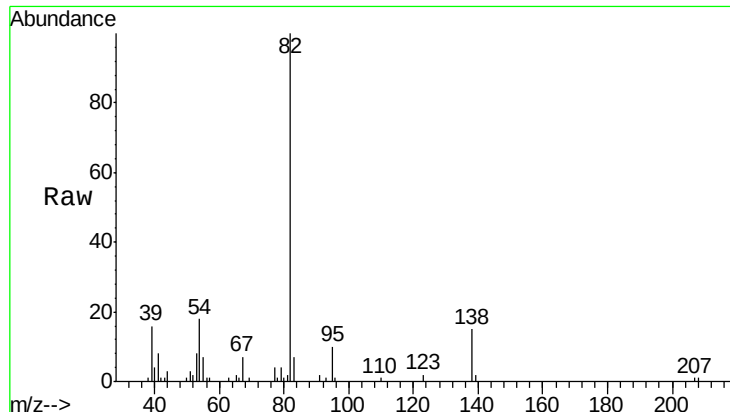
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#20
Nitrobenzene
Concen: 2.34 ng/ul
RT: 9.04 min Scan# 556
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion: 77 Resp: 50818
Ion Ratio Lower Upper
77 100
123 37.7 29.2 43.8
65 18.6 12.4 18.6





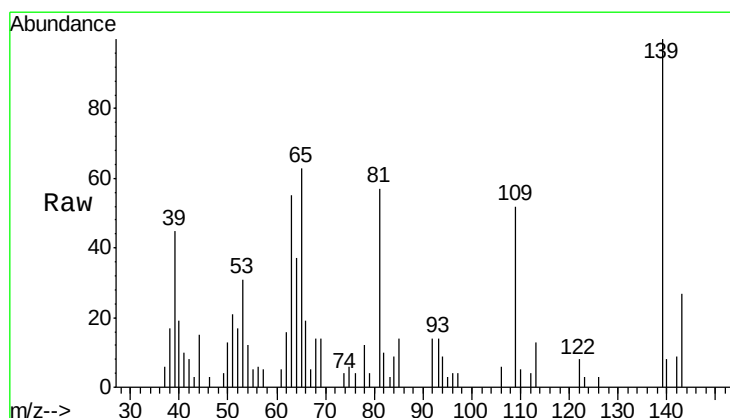
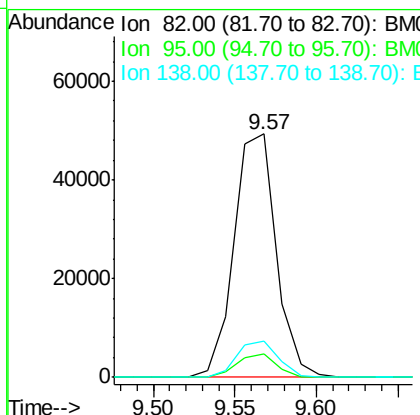
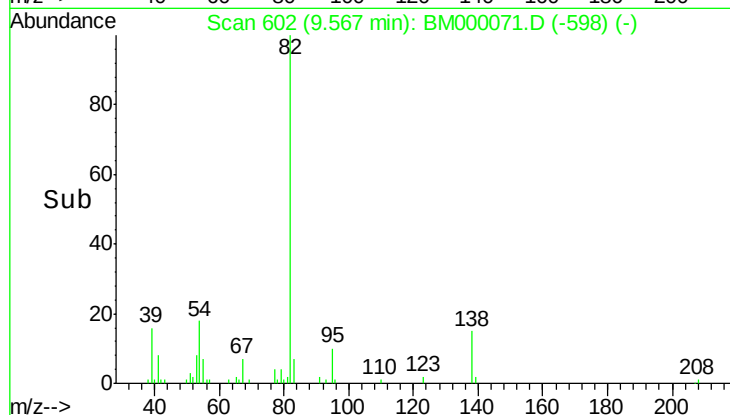
#21
Isophorone
Concen: 2.10 ng/ul
RT: 9.57 min Scan# 602
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-5

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	88055		
95	9.7	6.9	10.3	
138	15.0	12.1	18.1	

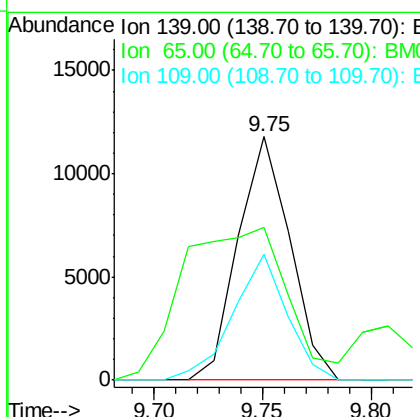
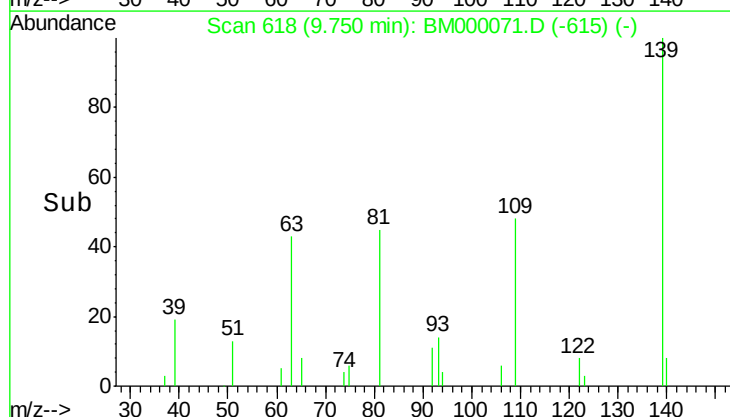
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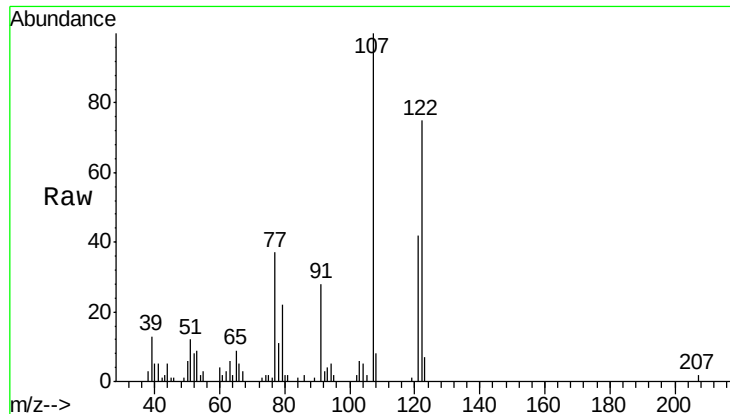
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#23
2-Nitrophenol
Concen: 2.39 ng/ul
RT: 9.75 min Scan# 618
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	19678		
65	62.8	56.3	84.5	
109	51.7	37.1	55.7	





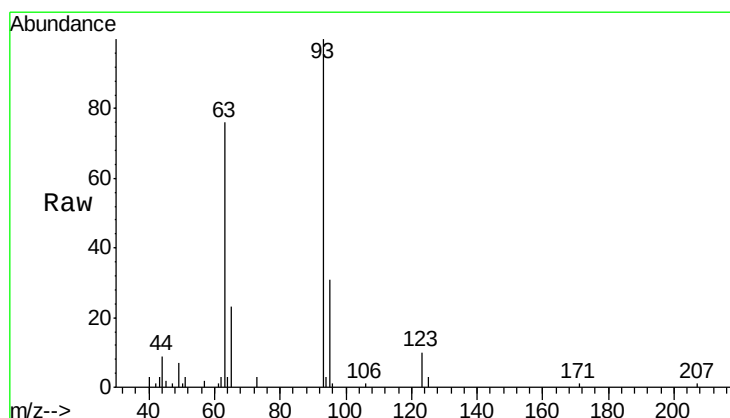
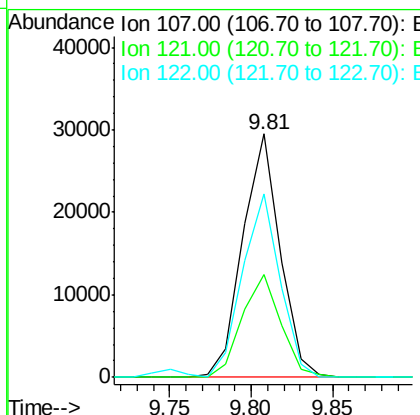
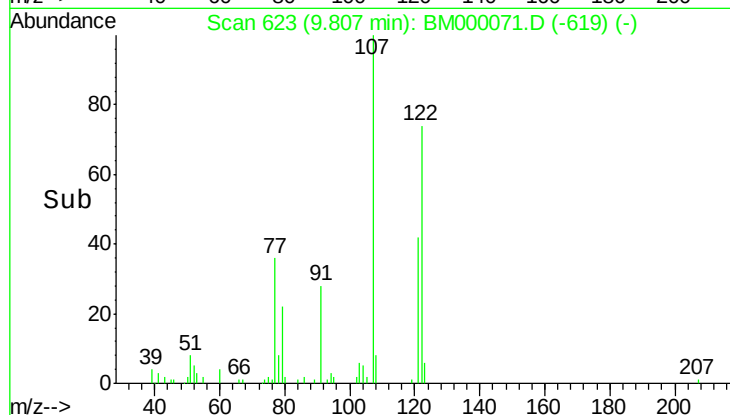
#24
 2,4-Dimethylphenol
 Concen: 2.10 ng/ul
 RT: 9.81 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-5

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	46833		
121	42.1	33.0	49.6	
122	75.3	59.3	88.9	

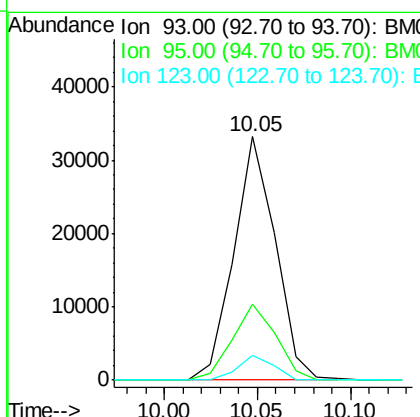
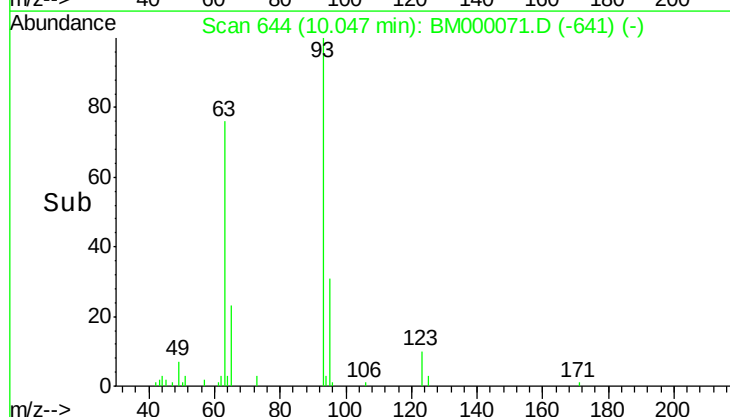
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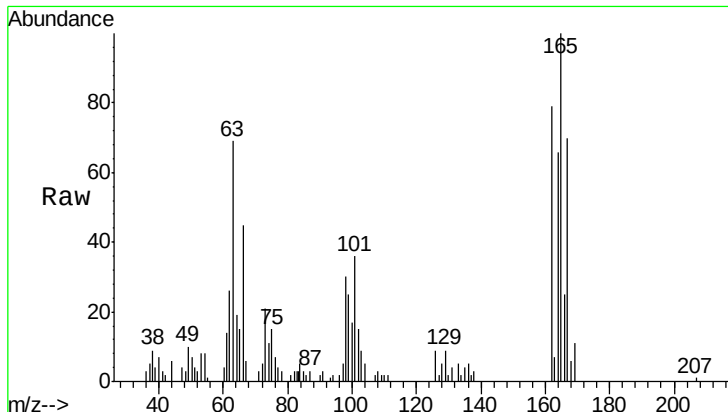
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.21 ng/ul
 RT: 10.05 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	51500		
95	31.4	26.1	39.1	
123	10.4	7.4	11.2	





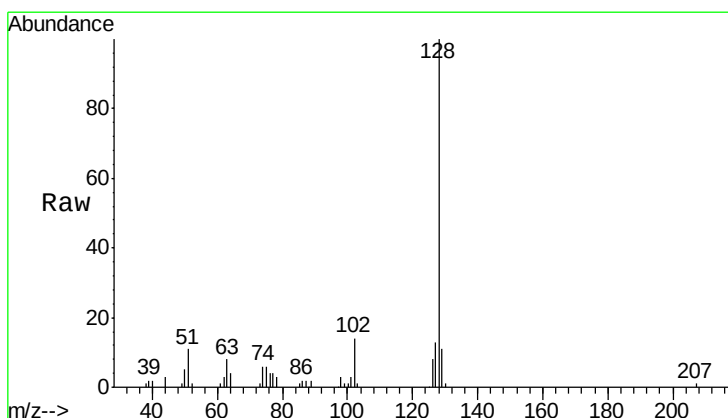
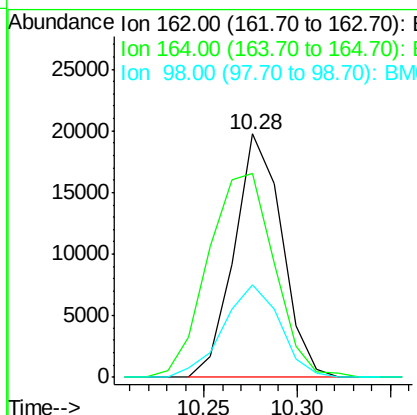
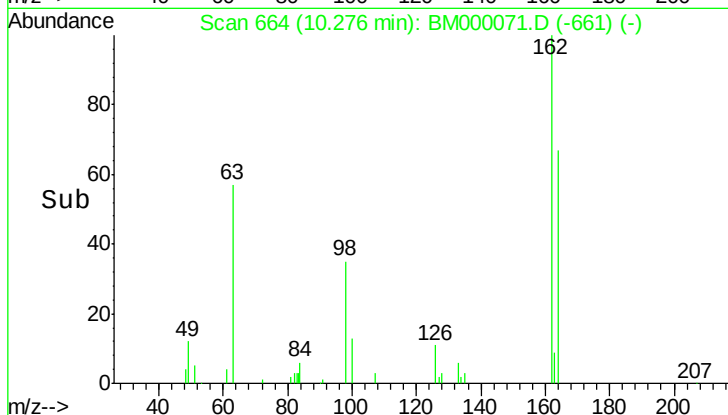
#27
2,4-Dichlorophenol
Concen: 2.13 ng/ul
RT: 10.28 min Scan# 664
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-5

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	35000		
164	83.7	50.2	75.4#	
98	38.2	31.4	47.2	

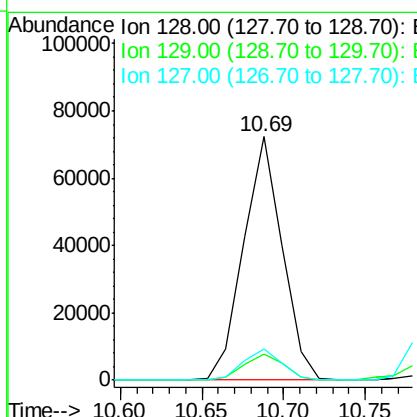
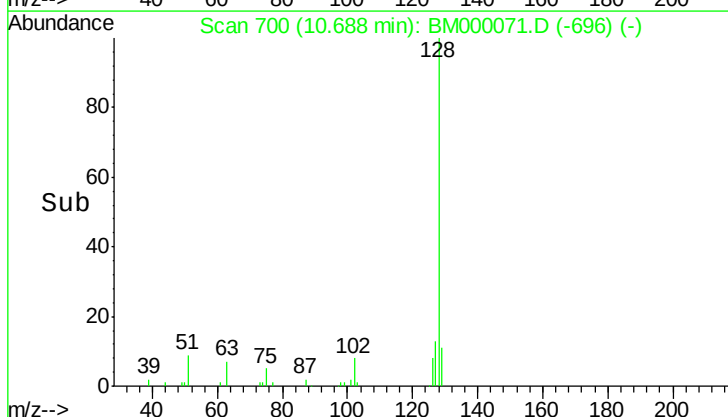
Manual Integrations
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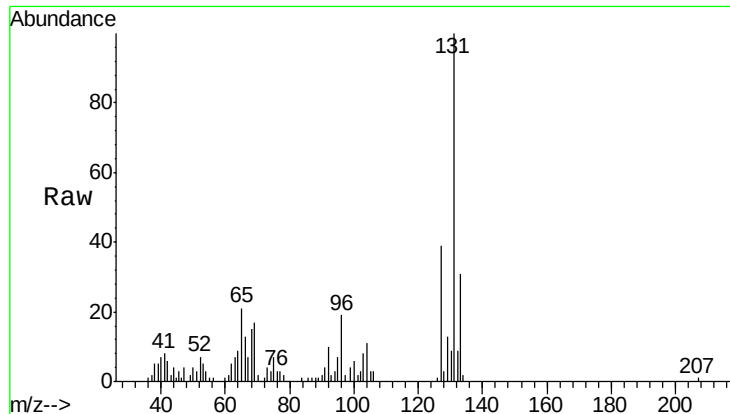
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#28
Naphthalene
Concen: 2.22 ng/ul
RT: 10.69 min Scan# 700
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	119336		
129	10.9	8.6	13.0	
127	12.9	10.3	15.5	





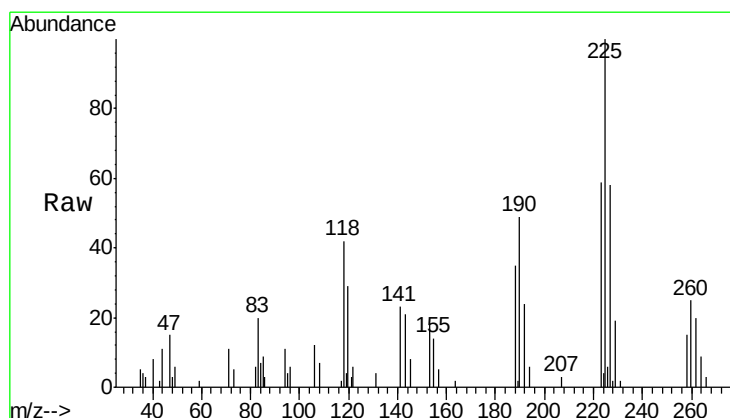
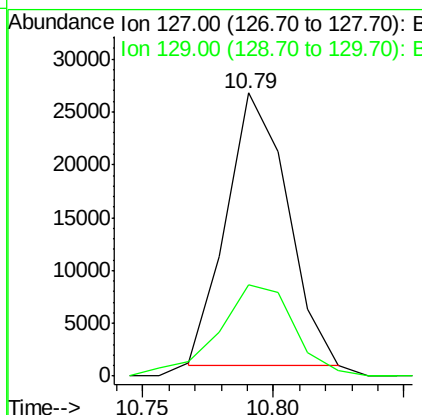
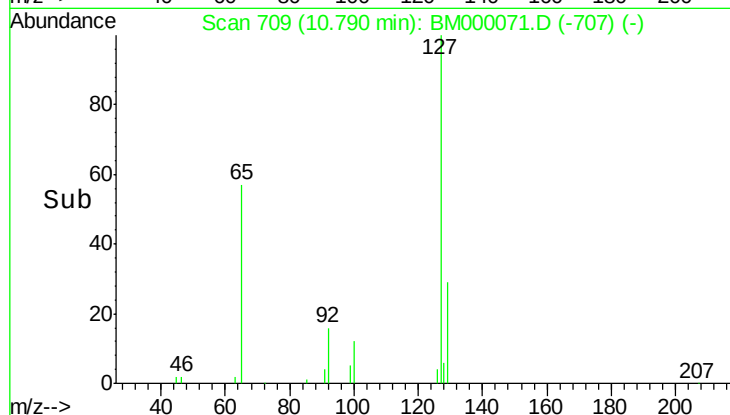
#30
 4-Chloroaniline
 Concen: 2.20 ng/ul
 RT: 10.79 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-5

Tgt Ion:127 Resp: 42389
 Ion Ratio Lower Upper
 127 100
 129 32.5 26.5 39.7

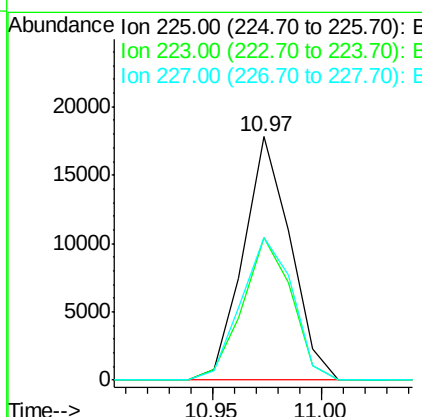
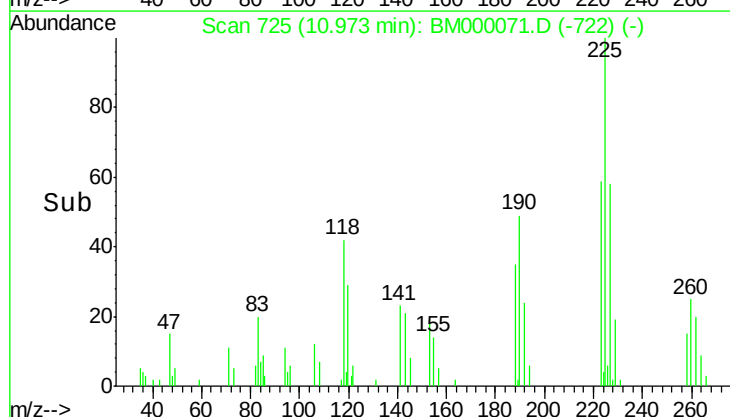
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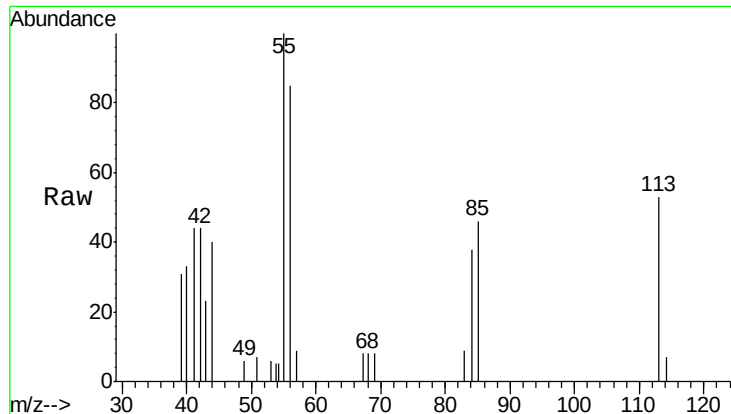
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#31
 Hexachlorobutadiene
 Concen: 2.31 ng/ul
 RT: 10.97 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Tgt Ion:225 Resp: 26919
 Ion Ratio Lower Upper
 225 100
 223 58.5 54.4 81.6
 227 58.4 51.8 77.8





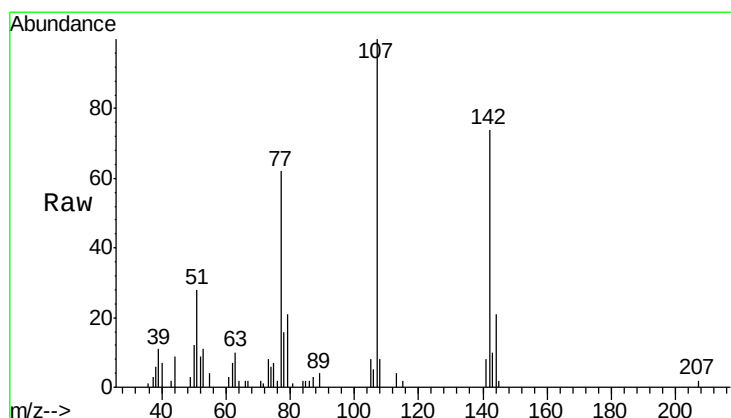
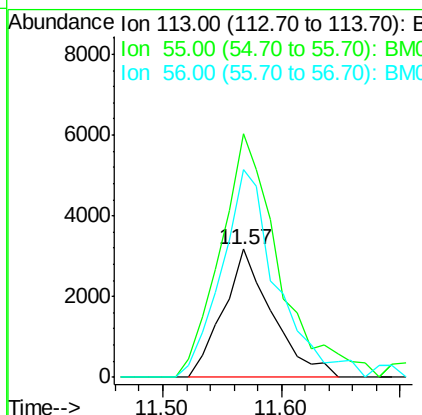
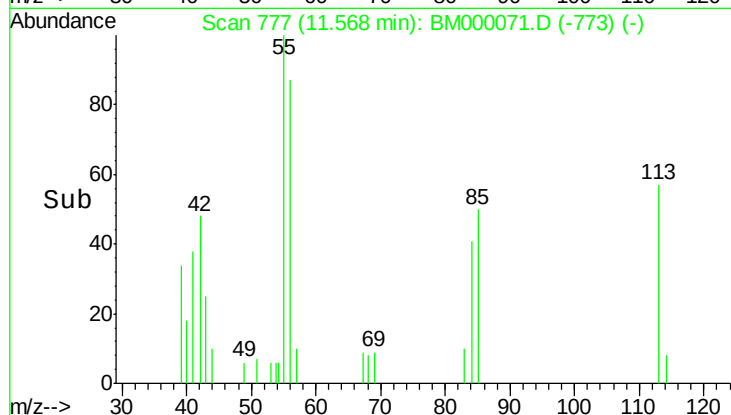
#32
Caprolactam
Concen: 1.67 ng/ul
RT: 11.57 min Scan# 777
Delta R.T. 0.02 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-5

Tgt Ion:113 Resp: 9139
Ion Ratio Lower Upper
113 100
55 189.8 156.6 234.8
56 162.0 126.3 189.5

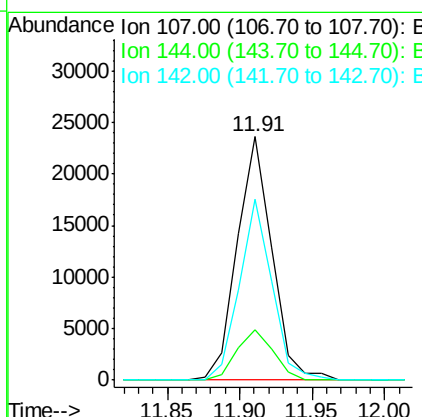
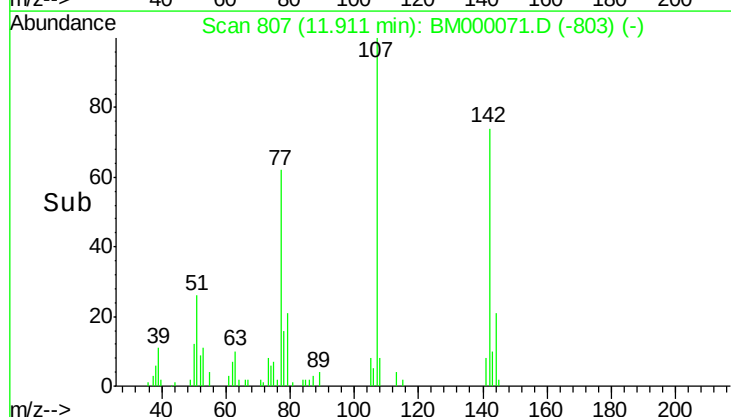
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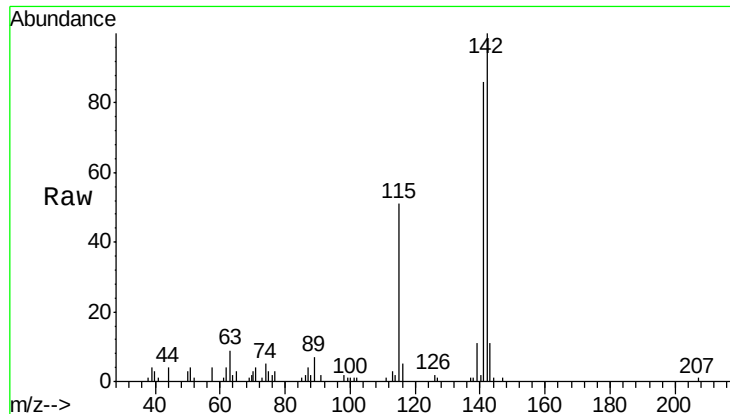
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#33
4-Chloro-3-methylphenol
Concen: 1.95 ng/ul
RT: 11.91 min Scan# 807
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion:107 Resp: 39379
Ion Ratio Lower Upper
107 100
144 20.9 16.6 24.8
142 74.2 54.6 82.0





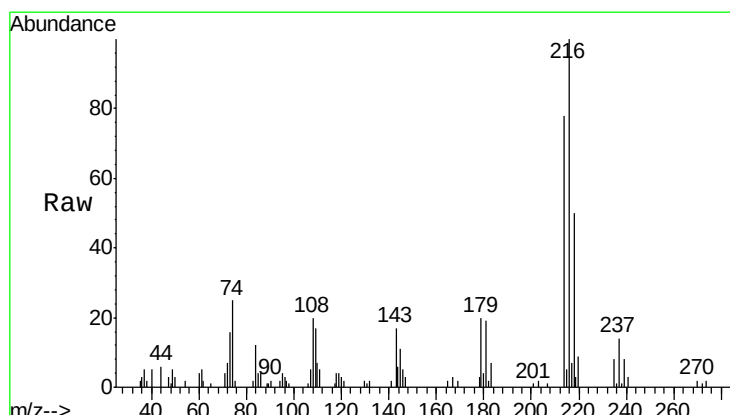
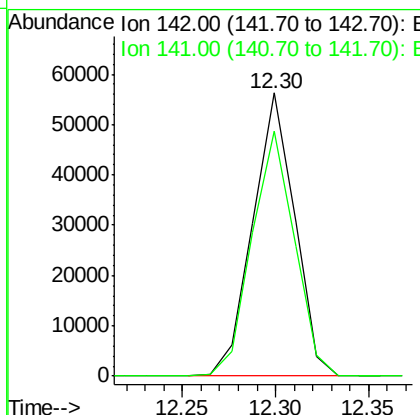
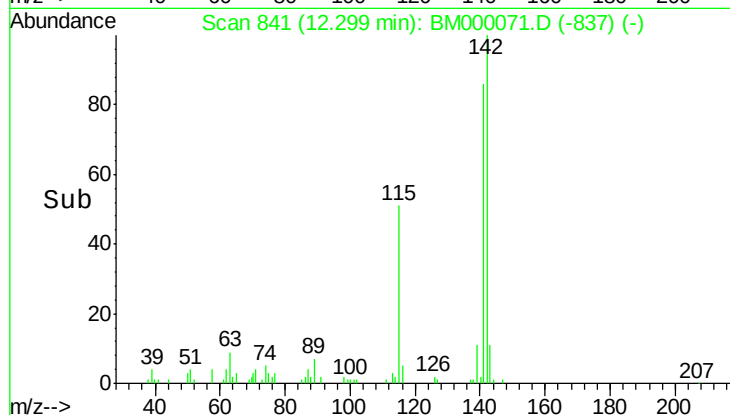
#34
 2-Methylnaphthalene
 Concen: 2.20 ng/ul
 RT: 12.30 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-5

Tgt Ion:142 Resp: 87681
 Ion Ratio Lower Upper
 142 100
 141 86.4 69.3 103.9

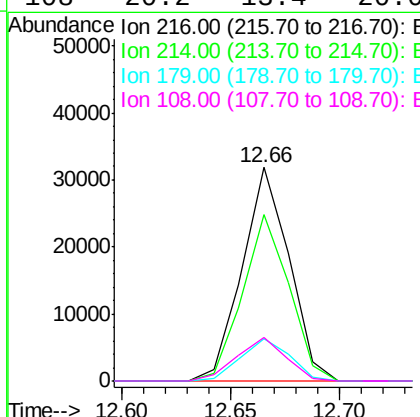
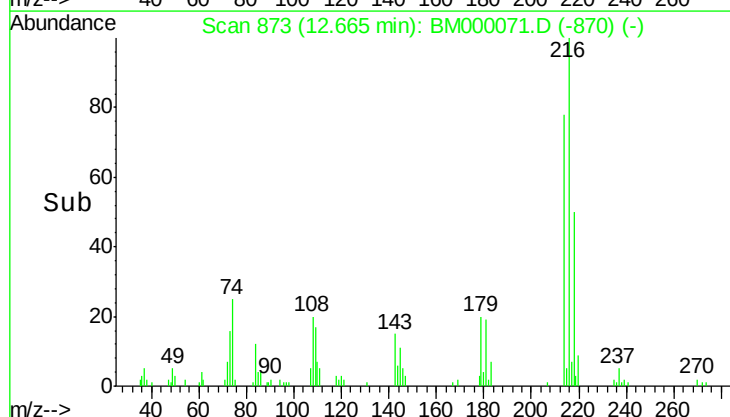
Manual Integrations
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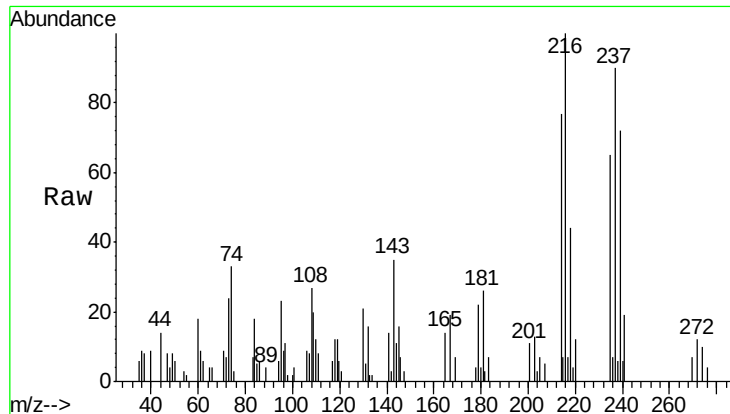
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.26 ng/ul
 RT: 12.66 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Tgt Ion:216 Resp: 47965
 Ion Ratio Lower Upper
 216 100
 214 78.0 62.6 94.0
 179 19.8 17.4 26.2
 108 20.2 13.4 20.0#





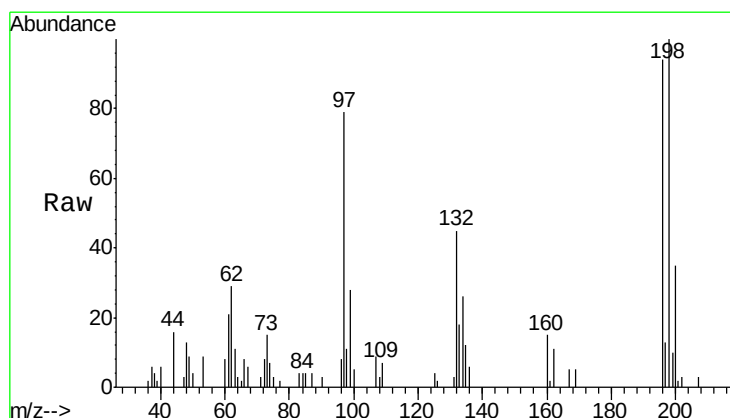
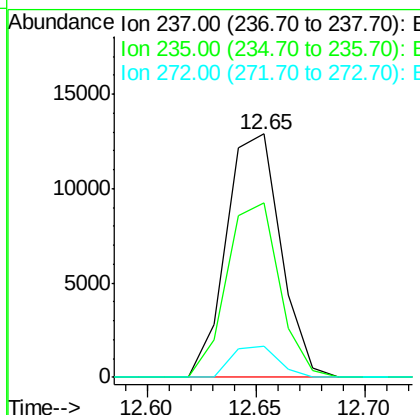
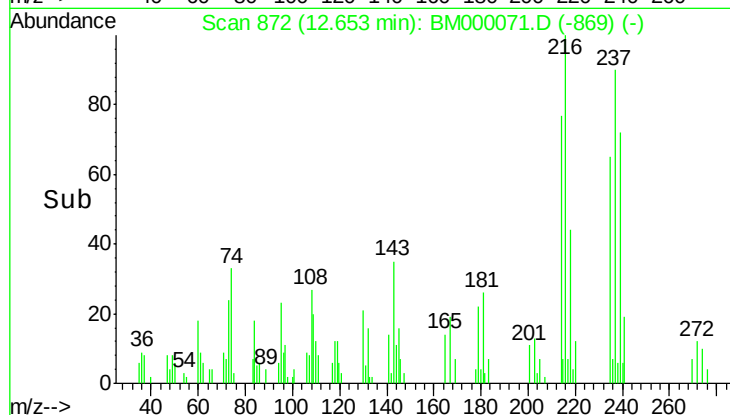
#37
Hexachlorocyclopentadiene
Concen: 1.60 ng/ul
RT: 12.65 min Scan# 872
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-5

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	22451		
235	71.6	50.0	75.0	
272	13.0	8.9	13.3	

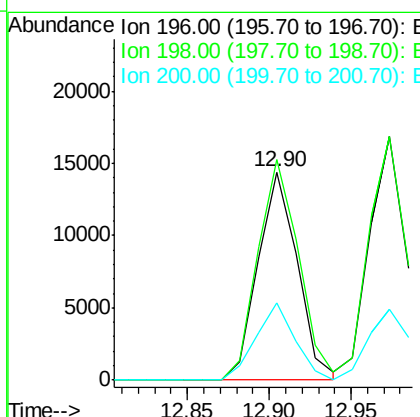
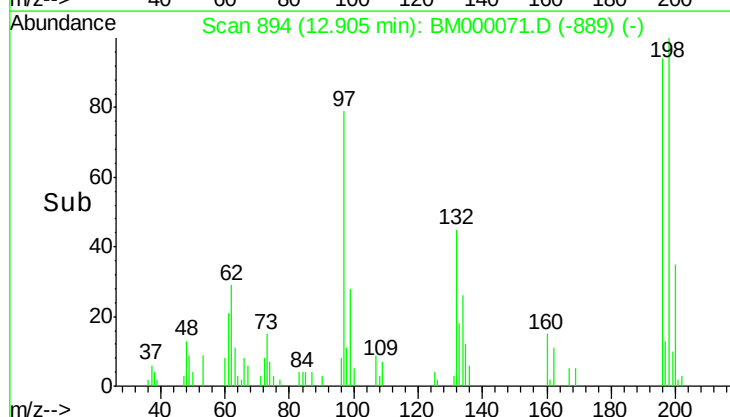
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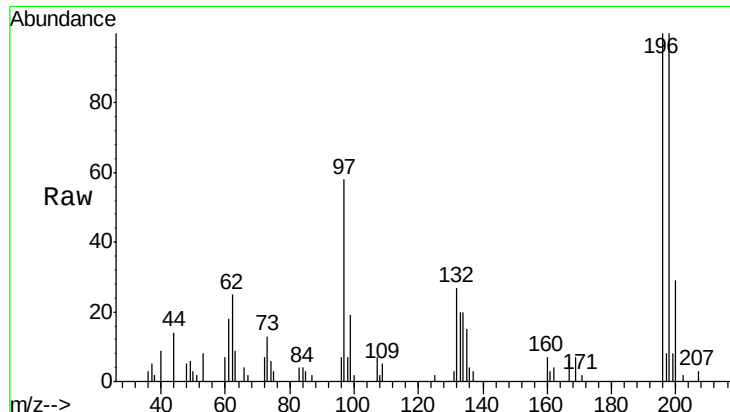
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#38
2,4,6-Trichlorophenol
Concen: 1.77 ng/ul m
RT: 12.90 min Scan# 894
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	24020		
198	106.1	76.6	114.8	
200	37.3	24.5	36.7#	





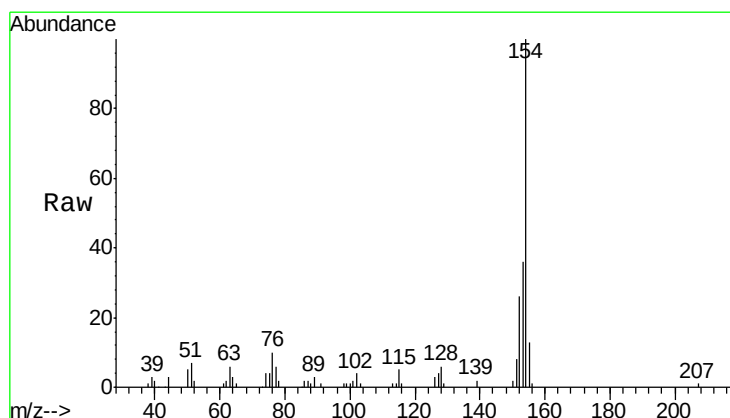
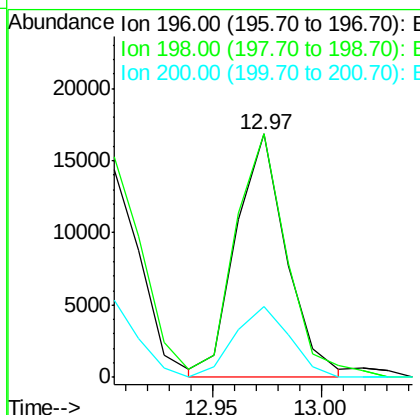
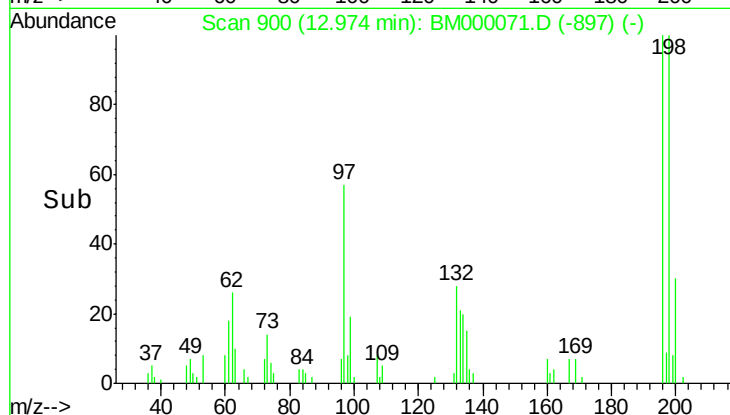
#39
 2,4,5-Trichlorophenol
 Concen: 1.85 ng/ul
 RT: 12.97 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-5

Tgt Ion:196 Resp: 27169
 Ion Ratio Lower Upper
 196 100
 198 100.1 75.4 113.2
 200 28.9 25.0 37.4

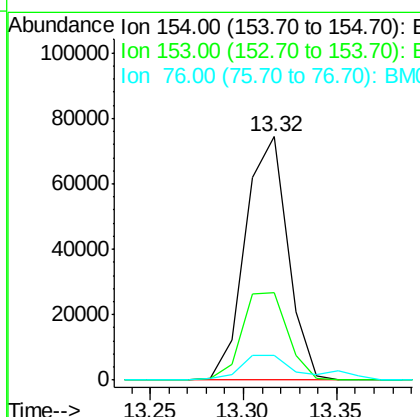
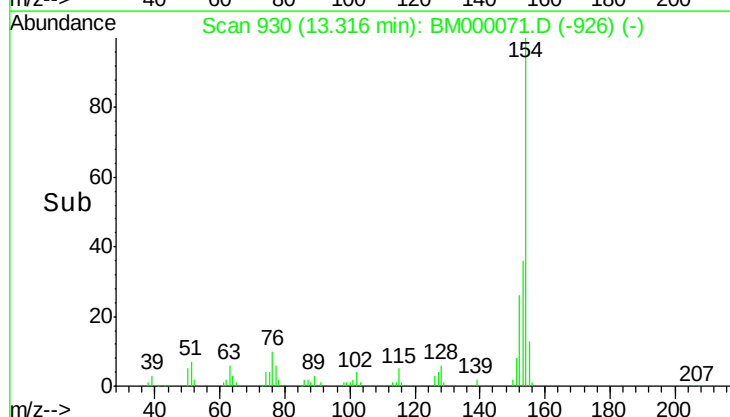
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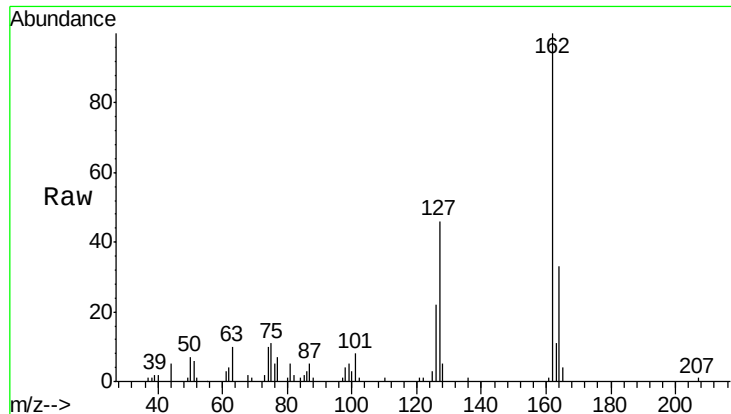
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#40
 1,1'-Biphenyl
 Concen: 2.13 ng/ul
 RT: 13.32 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Tgt Ion:154 Resp: 117518
 Ion Ratio Lower Upper
 154 100
 153 36.1 30.5 45.7
 76 10.1 8.9 13.3





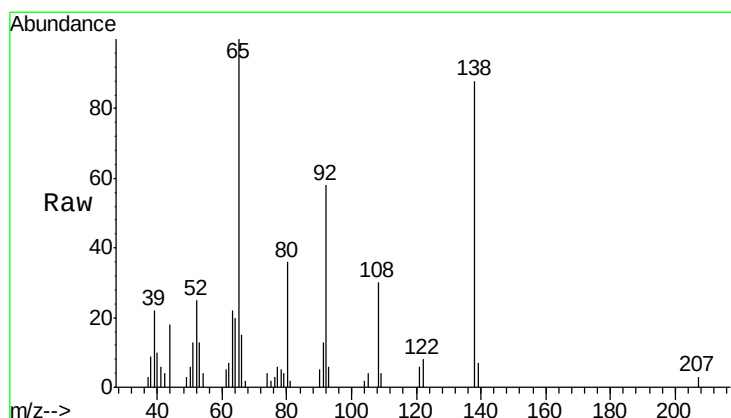
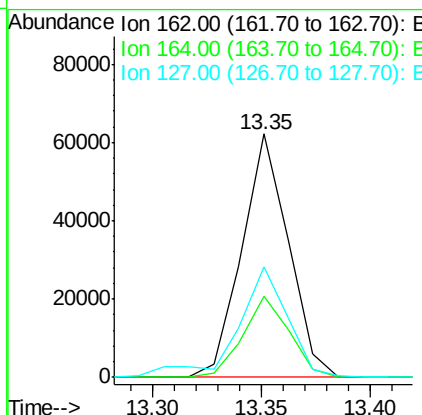
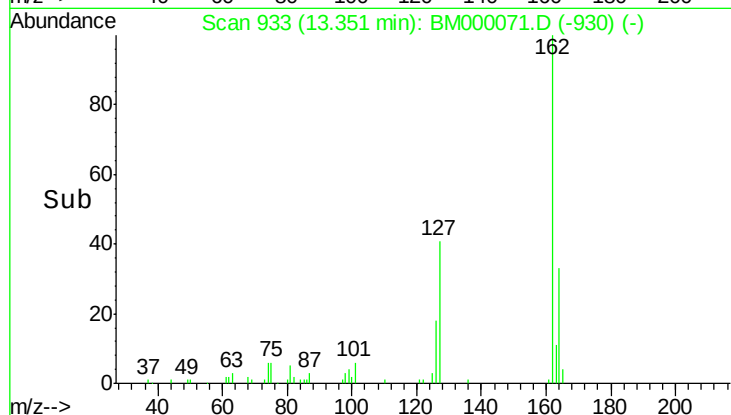
#41
 2-Chloronaphthalene
 Concen: 2.19 ng/ul
 RT: 13.35 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-5

Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.5	25.8	38.6
127	45.6	35.9	53.9

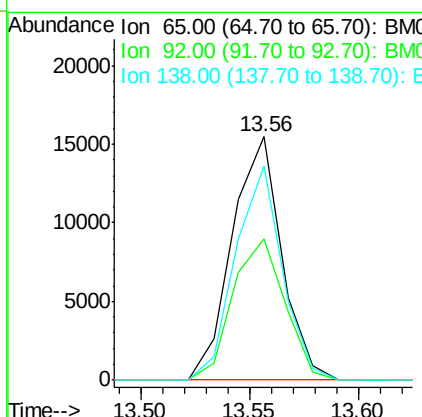
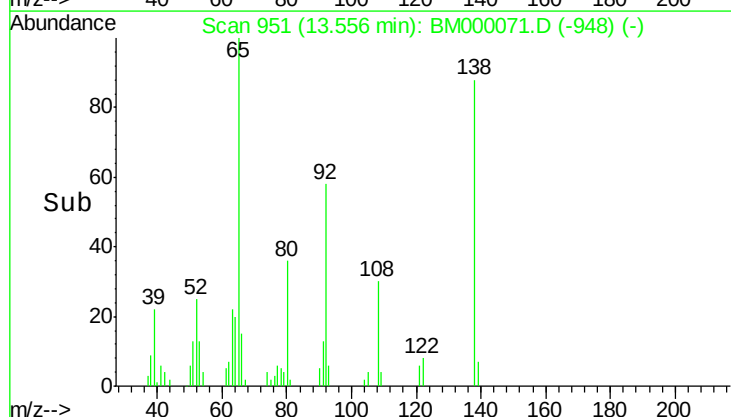
Manual Integrations
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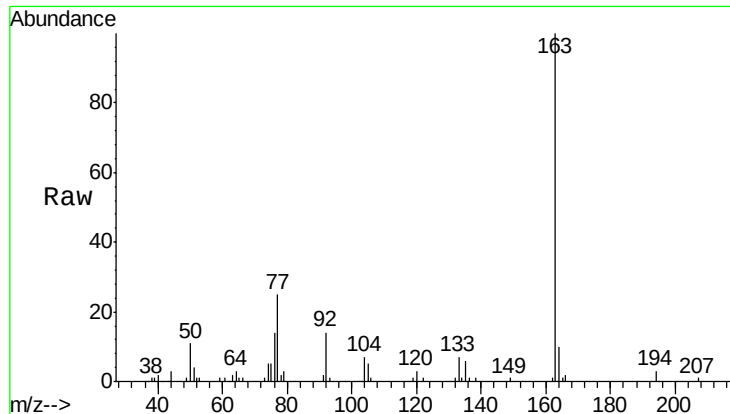
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#42
 2-Nitroaniline
 Concen: 1.79 ng/ul
 RT: 13.56 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.0	50.4	75.6
138	87.9	66.9	100.3





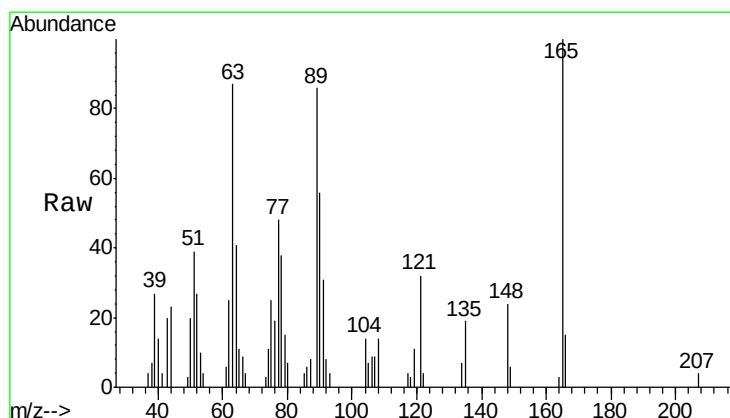
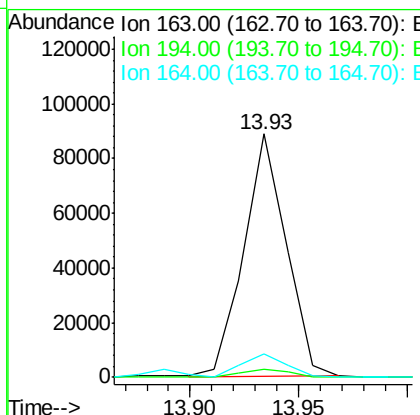
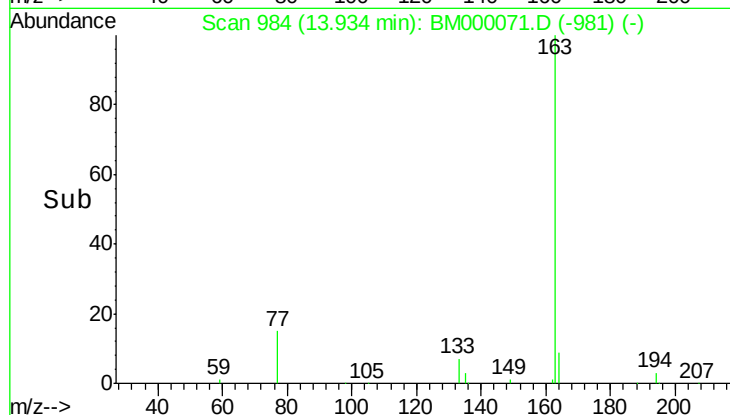
#44
Dimethylphthalate
Concen: 2.14 ng/ul
RT: 13.93 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-5

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	120402		
194	3.5		3.0	4.4
164	9.6		8.5	12.7

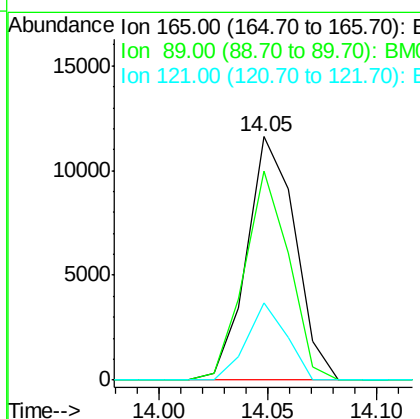
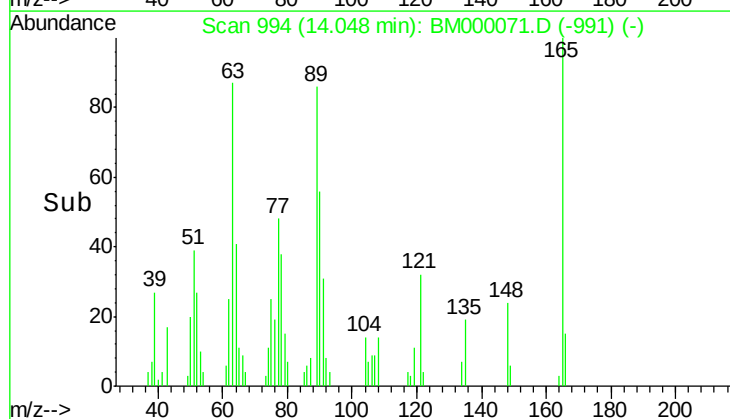
Manual Integrations
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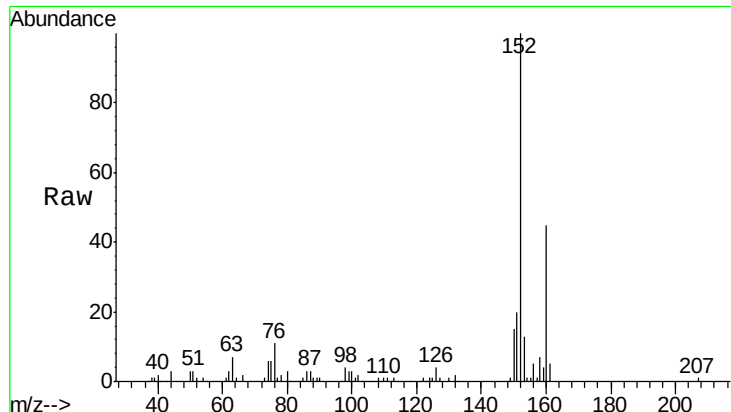
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#45
2,6-Dinitrotoluene
Concen: 1.79 ng/ul
RT: 14.05 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	18047		
89	86.1		54.4	81.6#
121	31.7		18.6	28.0#





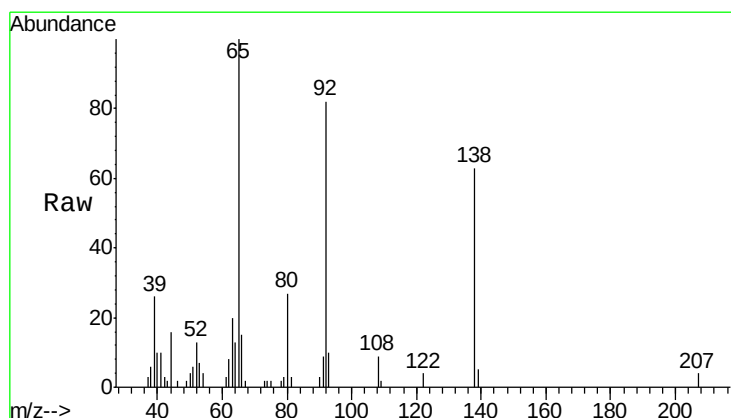
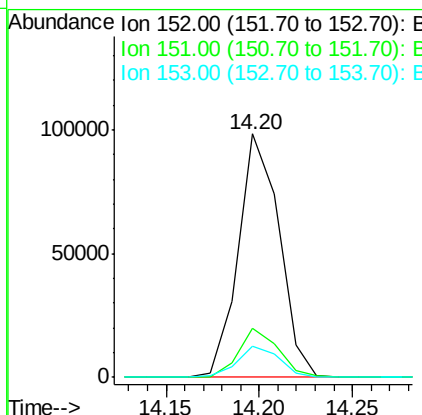
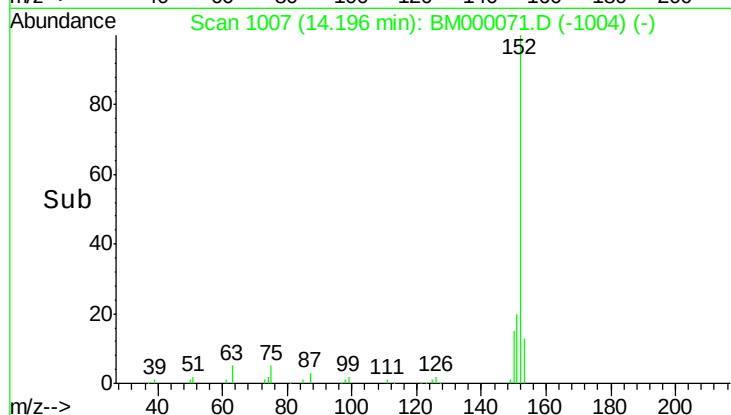
#47
 Acenaphthylene
 Concen: 2.10 ng/ul
 RT: 14.20 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-5

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	149923		
151	20.2		15.4	23.2
153	12.9		10.2	15.2

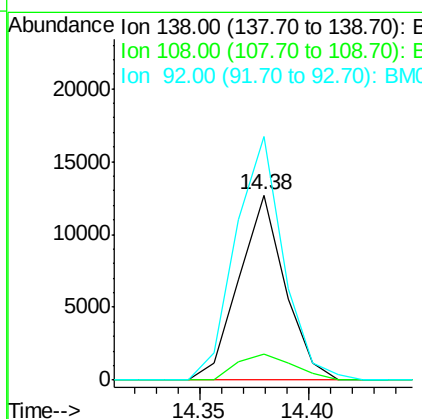
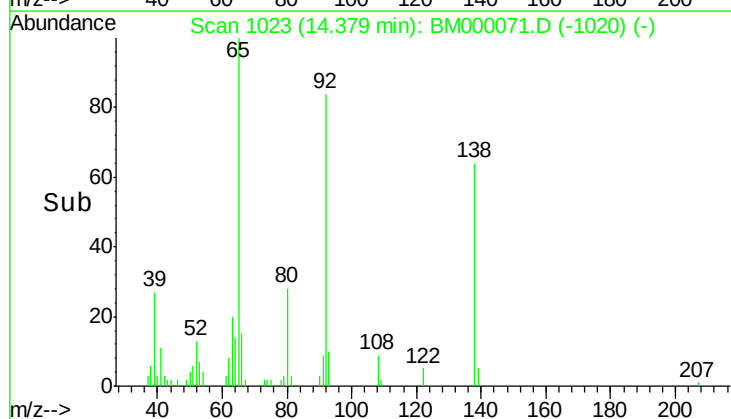
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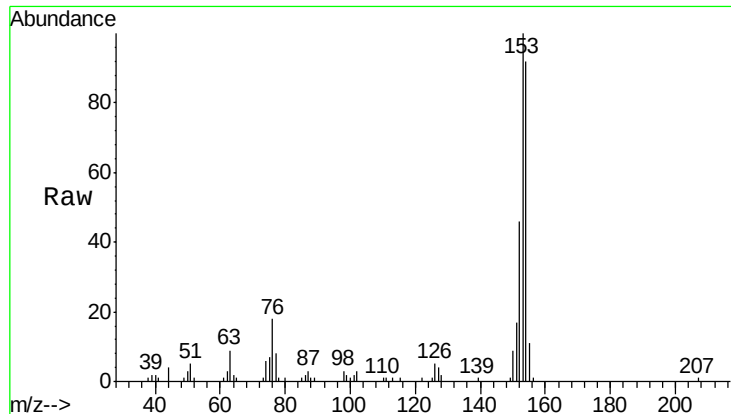
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#48
 3-Nitroaniline
 Concen: 1.83 ng/ul
 RT: 14.38 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	18800		
108	13.9		11.2	16.8
92	131.8		110.6	165.8





#49

Acenaphthene

Concen: 2.13 ng/ul

RT: 14.54 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM000071.D

Acq: 29 Dec 2014 22:41

Instrument :

BNA_M

ClientSampleId :

MDL-Soil-5

Tgt Ion:153 Resp: 96914

Ion Ratio Lower Upper

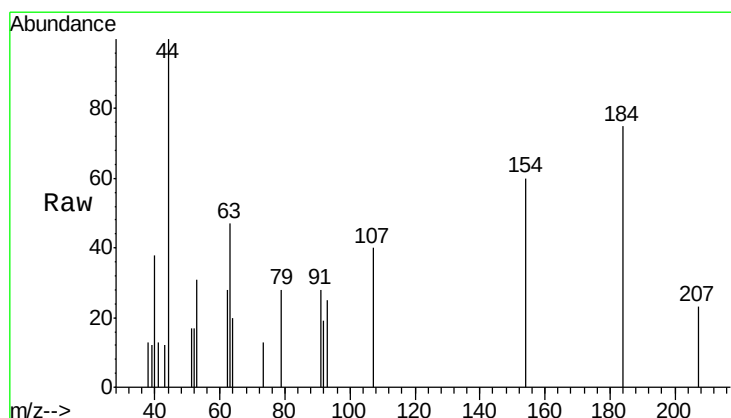
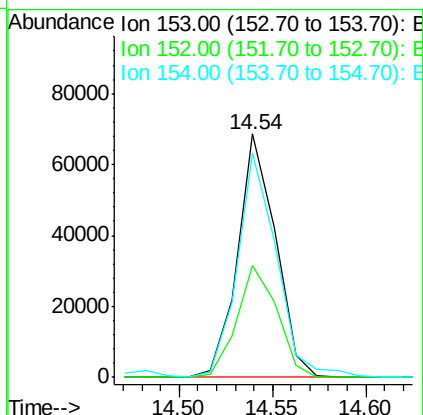
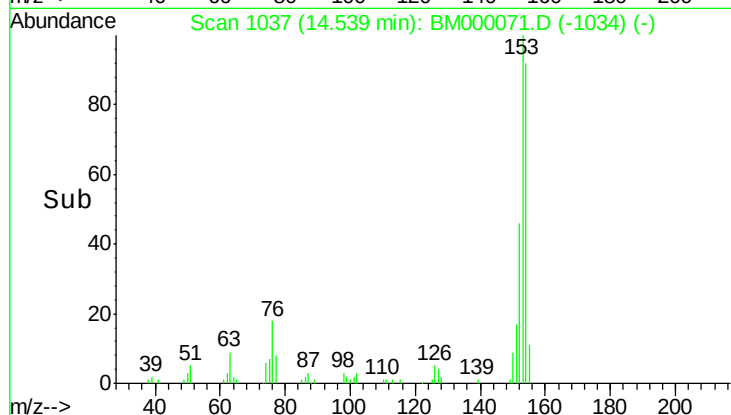
153 100

152 45.8 37.5 56.3

154 91.9 72.2 108.4

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#50

2,4-Dinitrophenol

Concen: 0.74 ng/ul

RT: 14.59 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BM000071.D

Acq: 29 Dec 2014 22:41

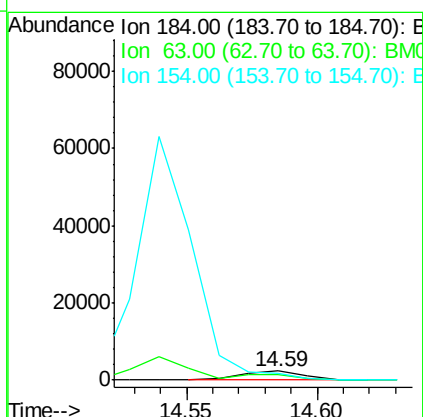
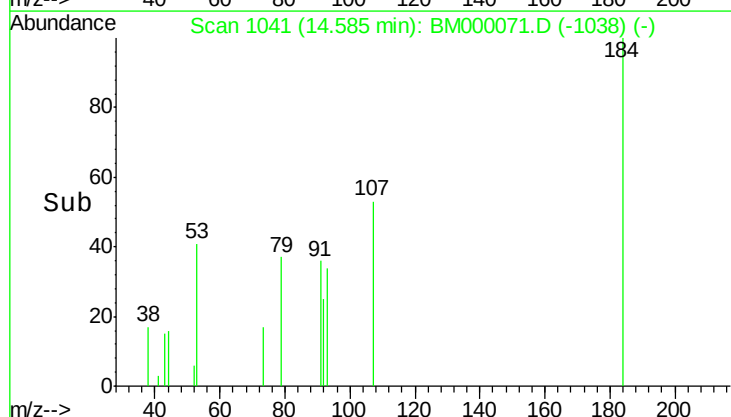
Tgt Ion:184 Resp: 3787

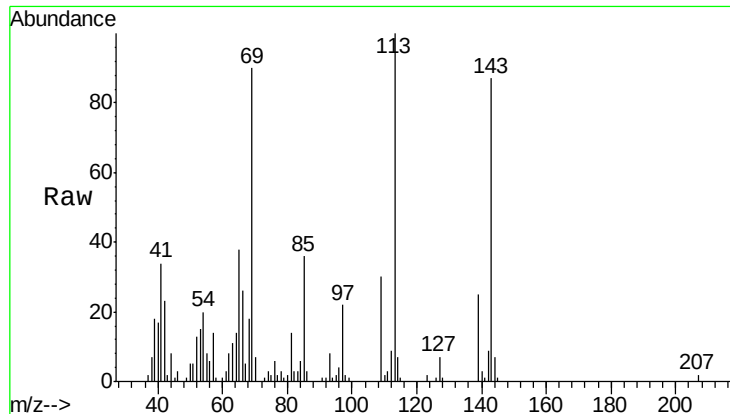
Ion Ratio Lower Upper

184 100

63 62.1 56.1 84.1

154 79.7 68.2 102.4





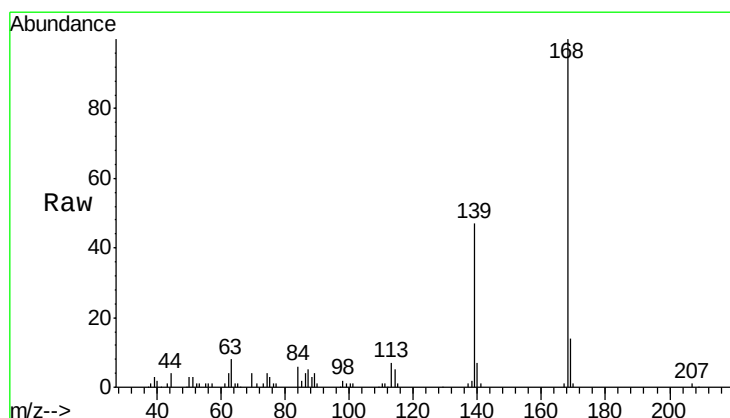
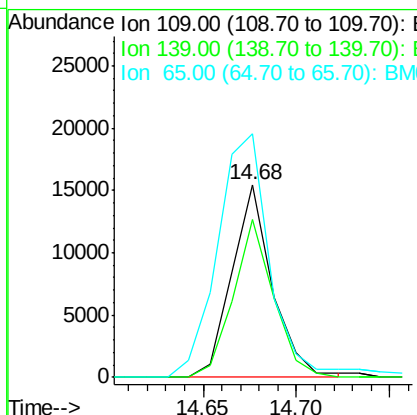
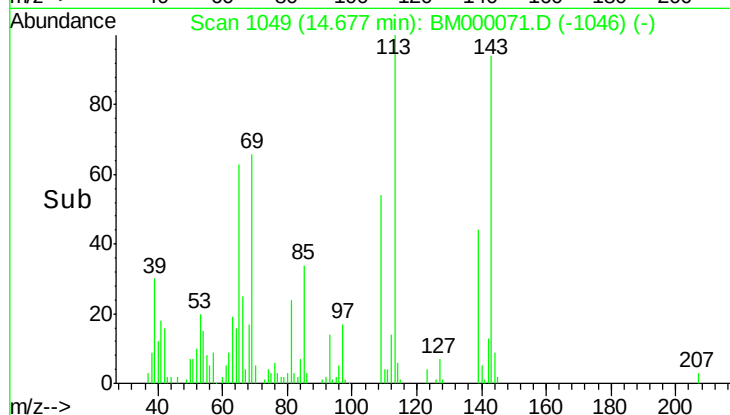
#52
4-Nitrophenol
Concen: 1.92 ng/ul
RT: 14.68 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-5

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	23318		
139	82.0	62.5	93.7	
65	126.5	88.7	133.1	

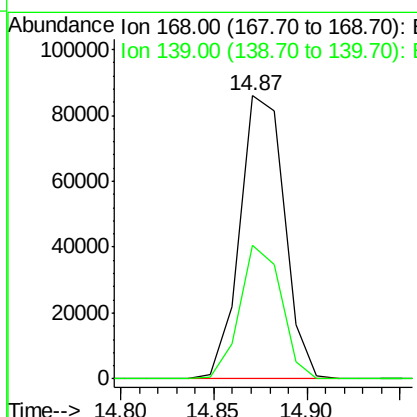
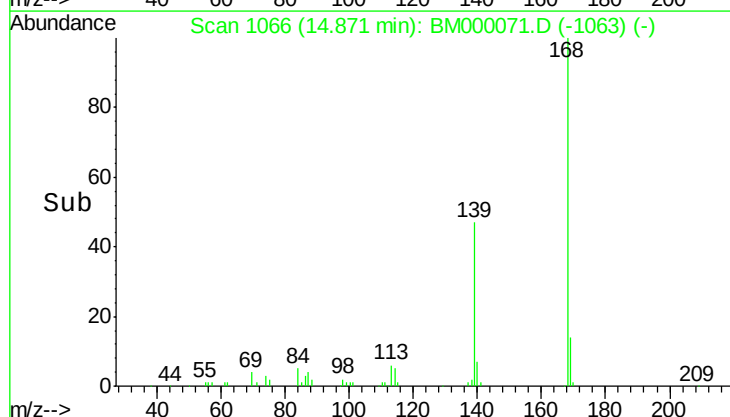
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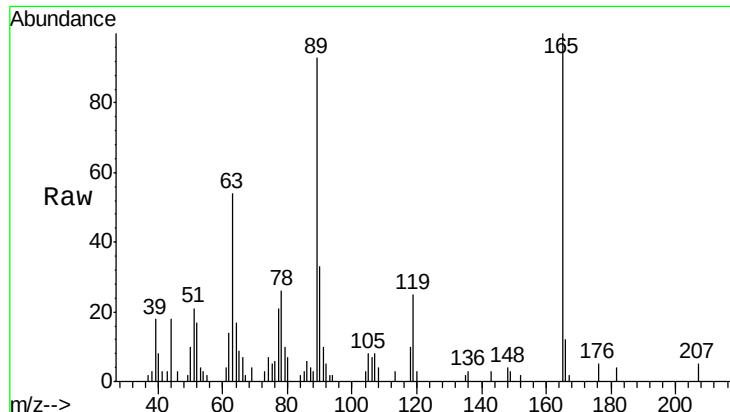
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#53
Dibenzofuran
Concen: 2.17 ng/ul
RT: 14.87 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	142790		
139	47.4	33.6	50.4	





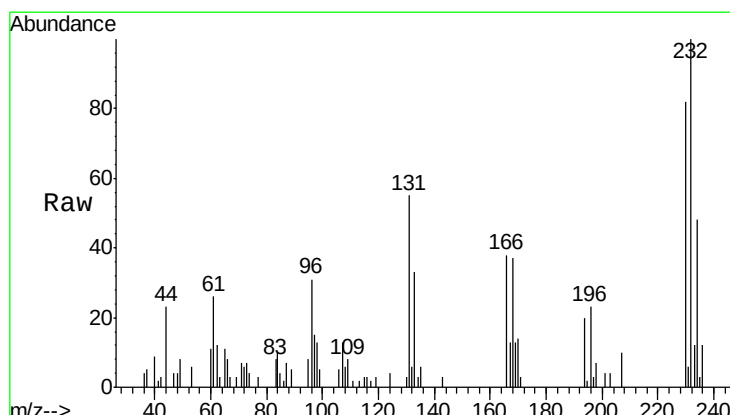
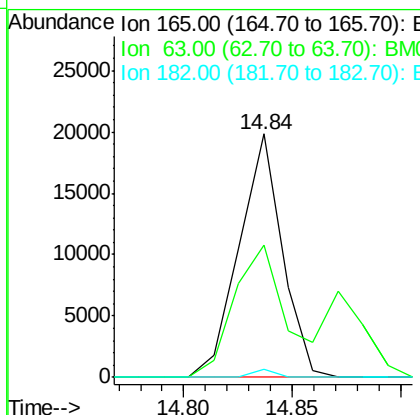
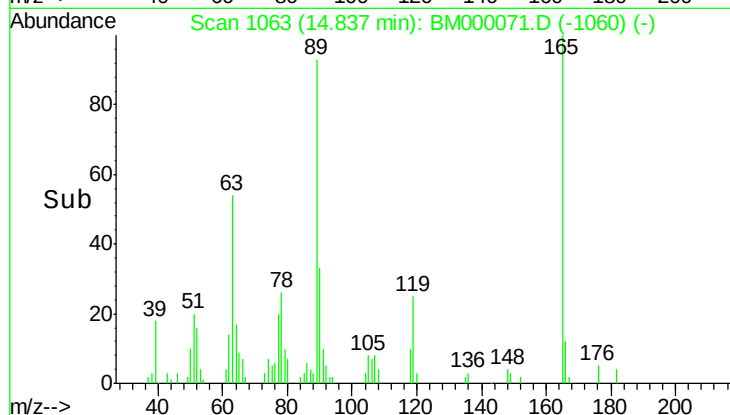
#54
 2,4-Dinitrotoluene
 Concen: 1.83 ng/ul
 RT: 14.84 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-5

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.3	48.8	73.2
182	3.5	2.1	3.1#

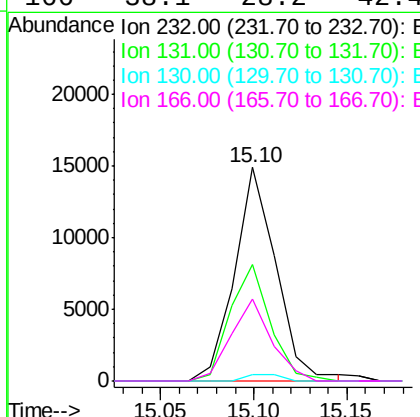
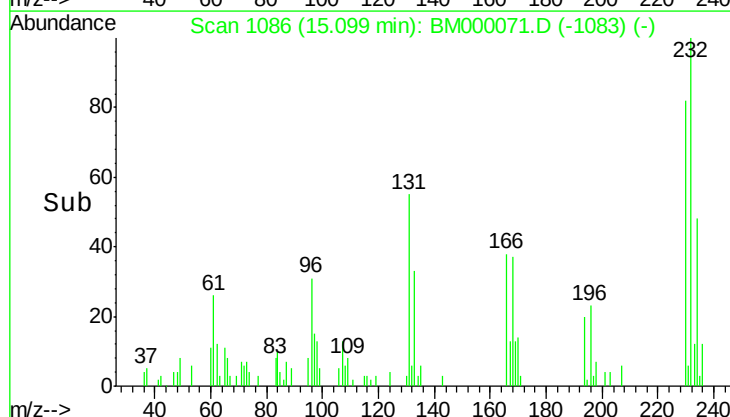
Manual Integrations
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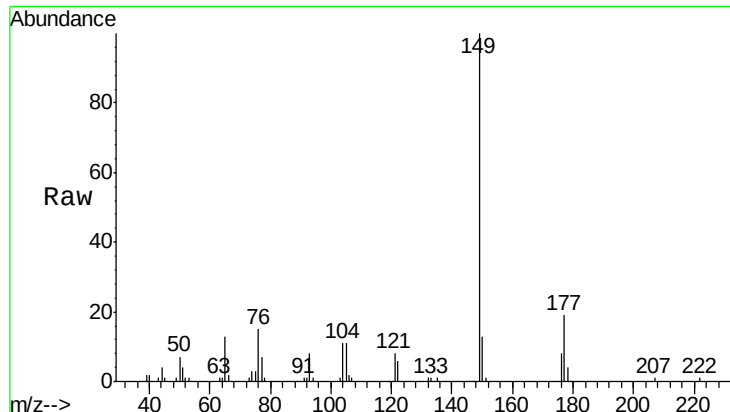
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 1.82 ng/ul
 RT: 15.10 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.7	43.4	65.0
130	3.2	2.7	4.1
166	38.1	28.2	42.4





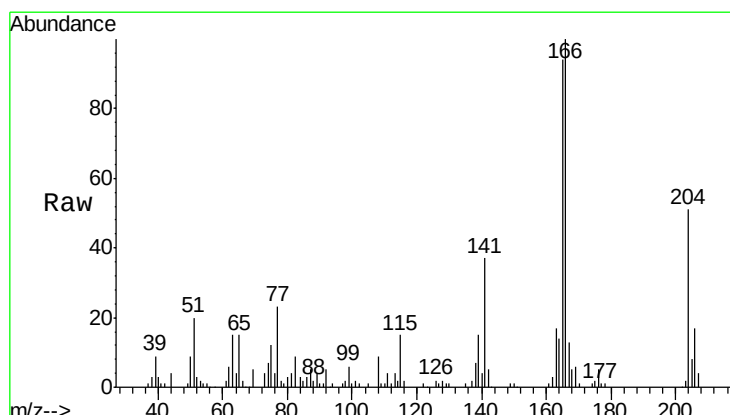
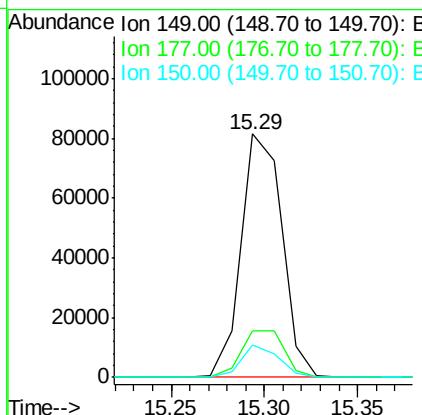
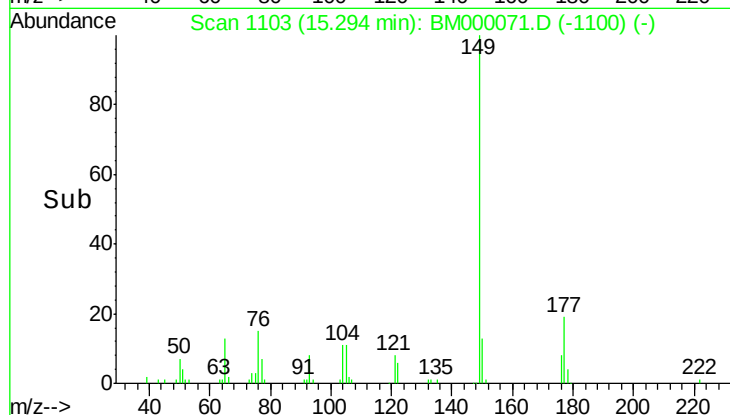
#56
Diethylphthalate
Concen: 2.10 ng/ul
RT: 15.29 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-5

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.2	17.4	26.2
150	13.2	10.5	15.7

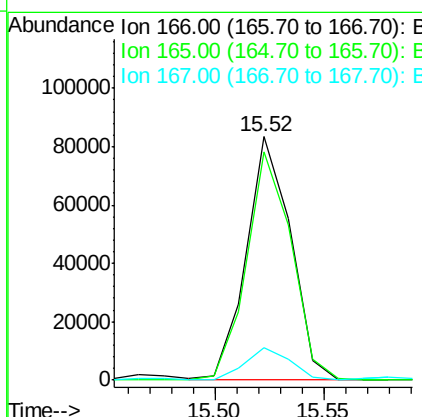
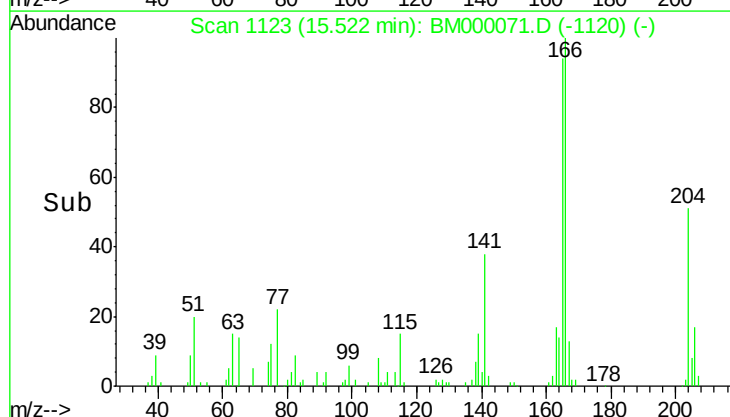
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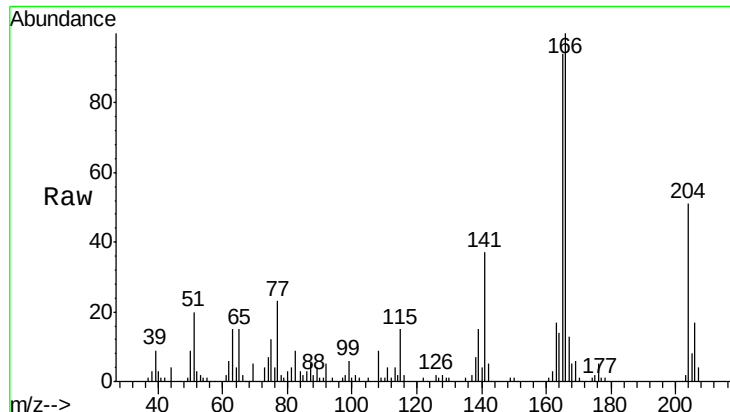
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#58
Fluorene
Concen: 2.16 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.6	76.0	114.0
167	13.1	10.2	15.4





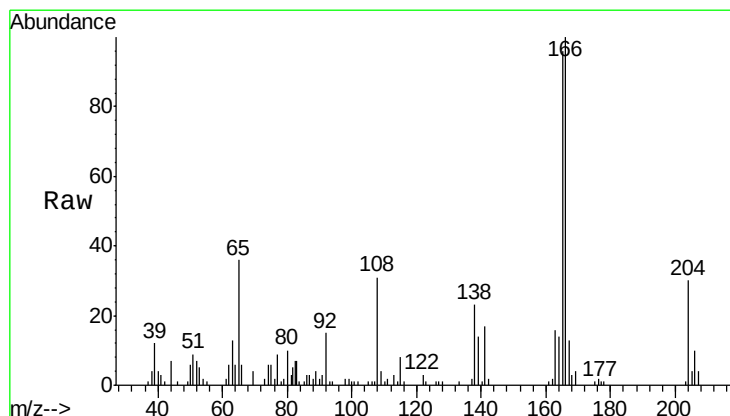
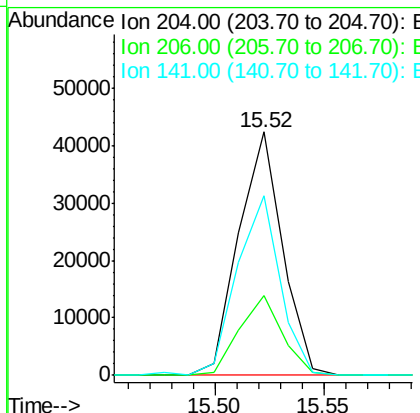
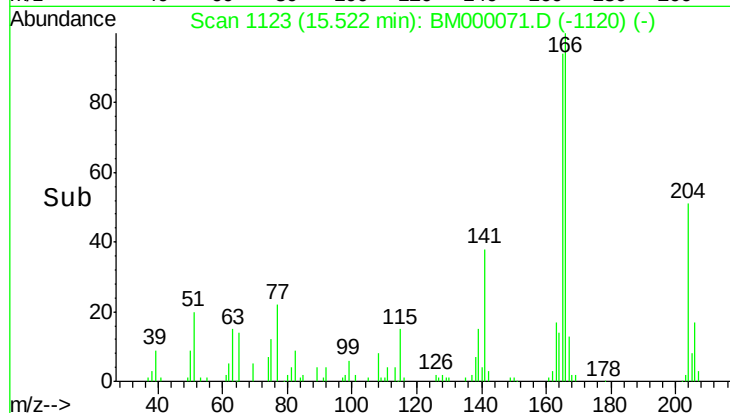
#59
 4-Chlorophenyl-phenylether
 Concen: 2.21 ng/ul
 RT: 15.52 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-5

Tgt Ion:204 Resp: 59549
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.8 38.8
 141 73.7 61.3 91.9

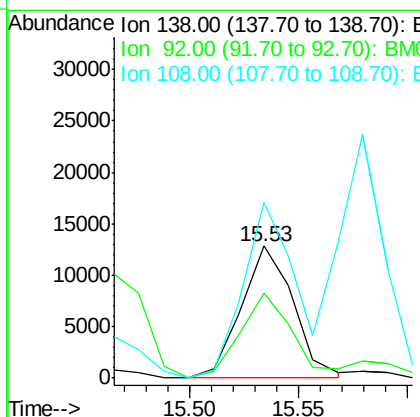
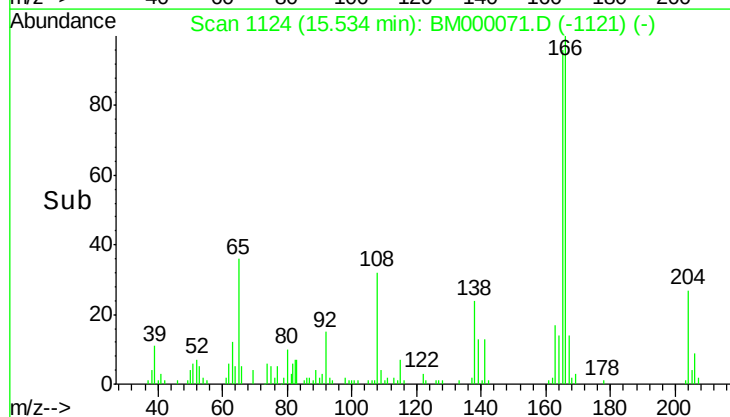
Manual Integrations
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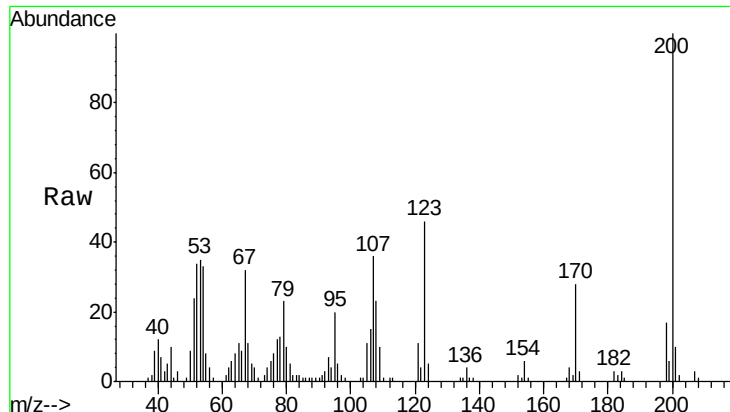
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#60
 4-Nitroaniline
 Concen: 1.84 ng/ul
 RT: 15.53 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Tgt Ion:138 Resp: 21421
 Ion Ratio Lower Upper
 138 100
 92 64.0 49.3 73.9
 108 133.0 110.3 165.5





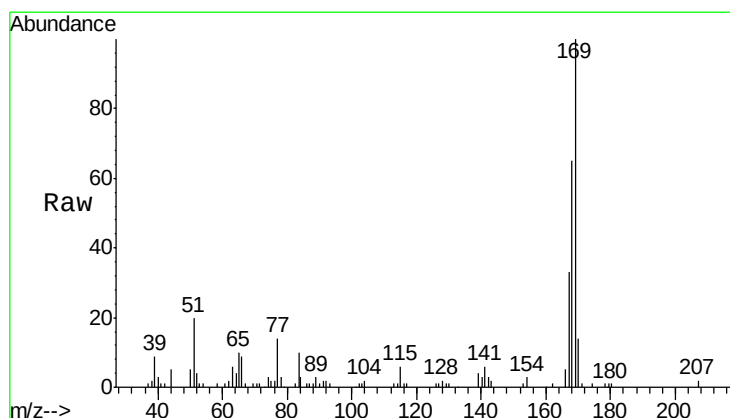
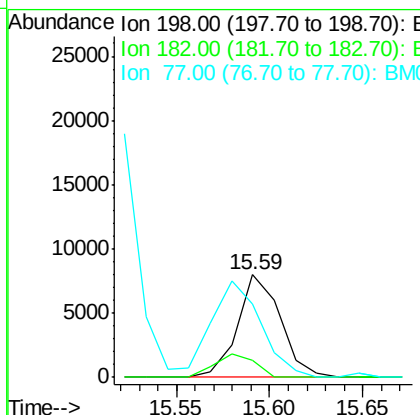
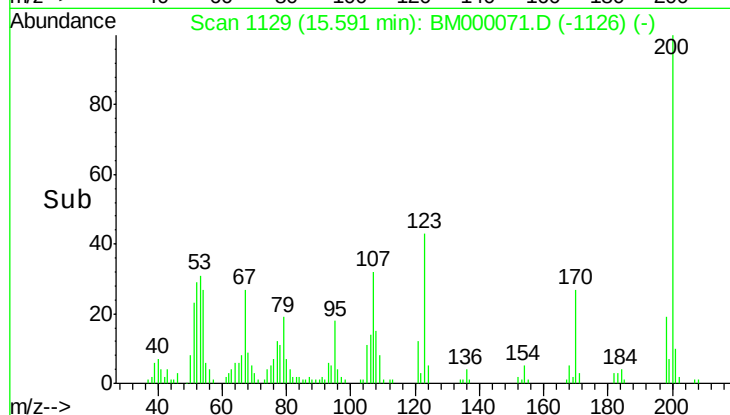
#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.63 ng/ul
 RT: 15.59 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-5

Tgt Ion:198 Resp: 12763
 Ion Ratio Lower Upper
 198 100
 182 16.3 2.6 4.0#
 77 71.8 25.2 37.8#

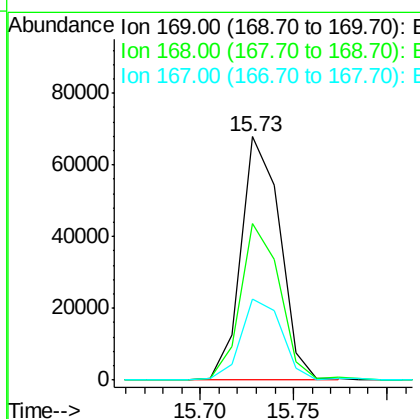
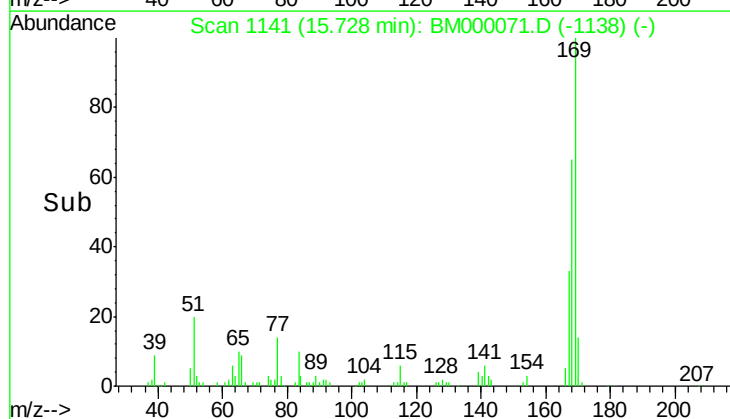
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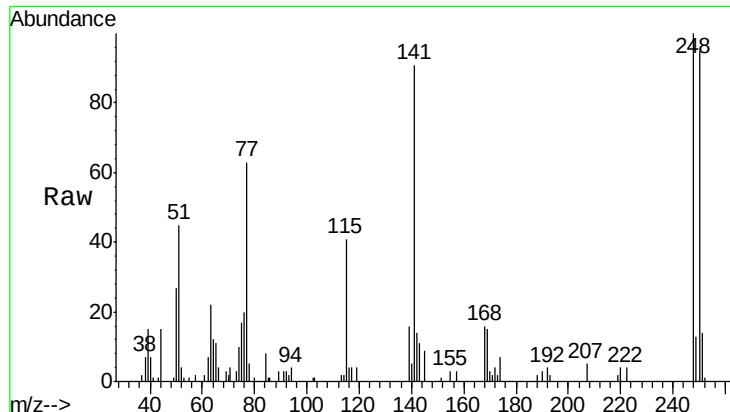
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#64
 N-Nitrosodiphenylamine
 Concen: 2.20 ng/ul
 RT: 15.73 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Tgt Ion:169 Resp: 98538
 Ion Ratio Lower Upper
 169 100
 168 64.5 51.8 77.6
 167 33.2 28.1 42.1





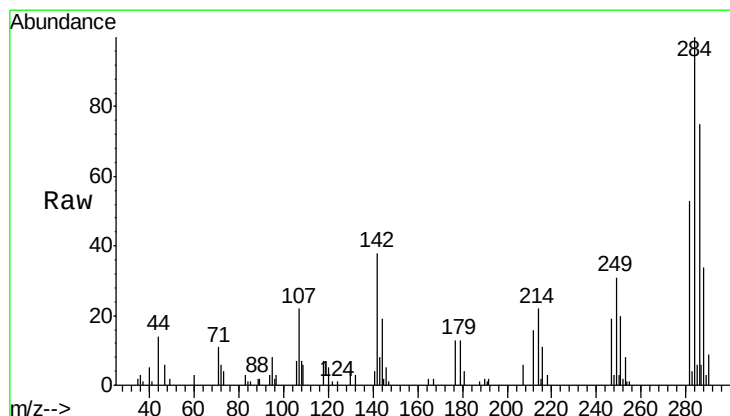
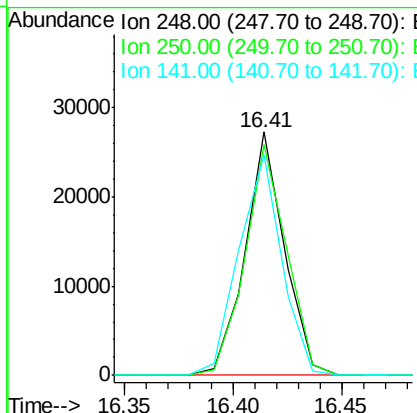
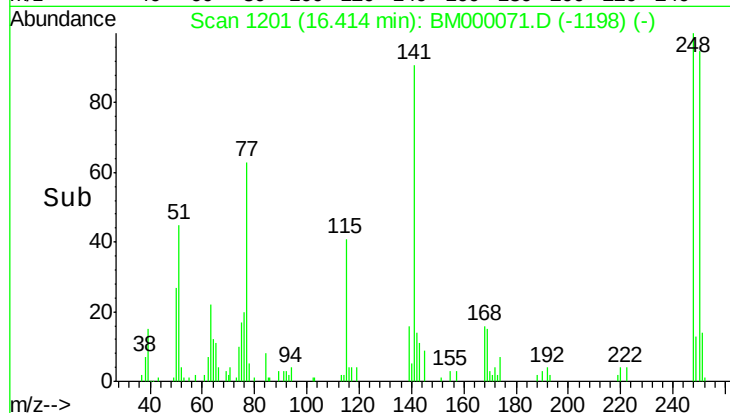
#65
 4-Bromophenyl-phenylether
 Concen: 2.19 ng/ul
 RT: 16.41 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-5

Tgt Ion:	248	Resp:	34466
Ion Ratio	Lower	Upper	
248	100		
250	94.8	78.4	117.6
141	90.8	67.0	100.4

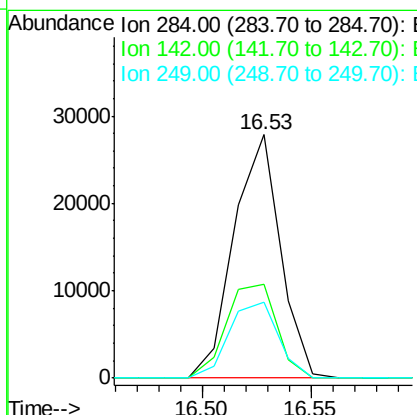
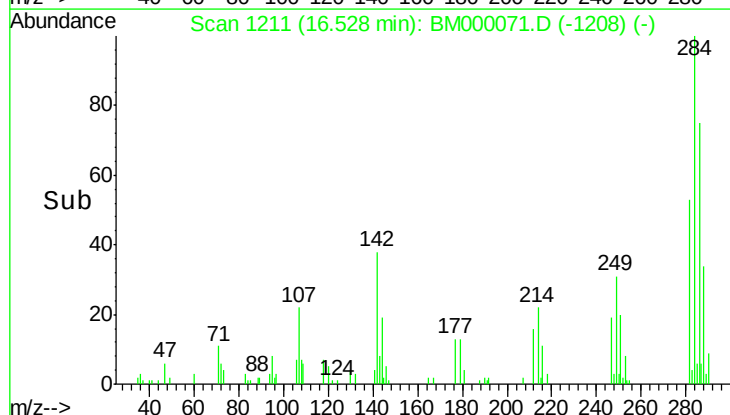
Manual Integrations
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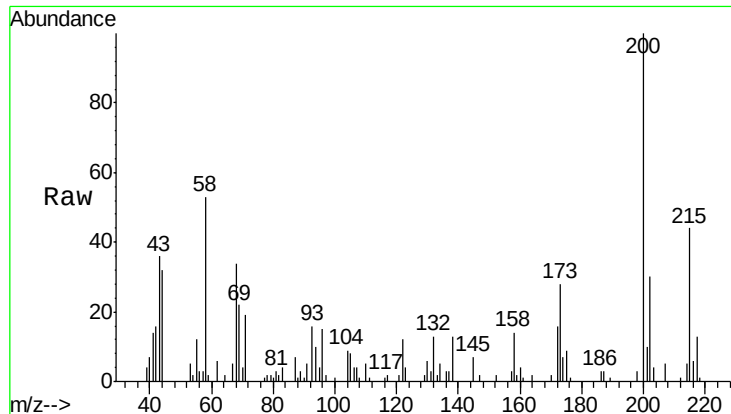
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#66
 Hexachlorobenzene
 Concen: 2.28 ng/ul
 RT: 16.53 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Tgt Ion:	284	Resp:	41477
Ion Ratio	Lower	Upper	
284	100		
142	38.4	32.4	48.6
249	31.3	26.7	40.1





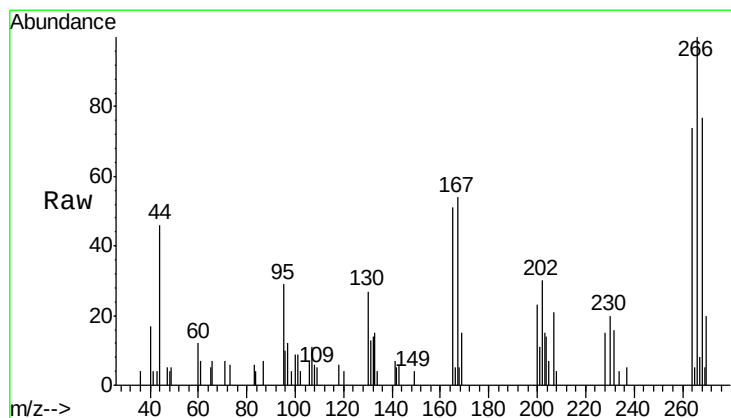
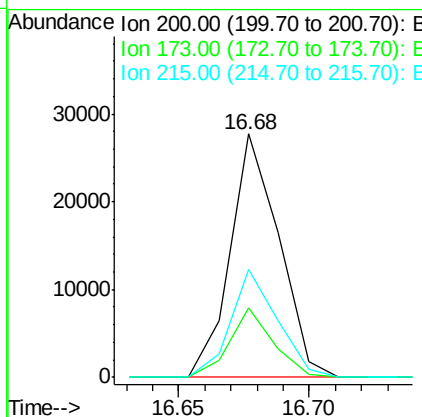
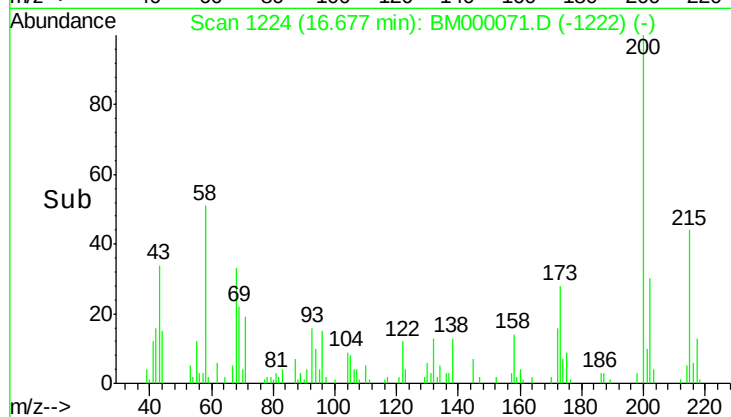
#67
Atrazine
Concen: 2.04 ng/ul
RT: 16.68 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-5

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	36027		
173	28.4	19.5	29.3	
215	44.2	36.6	54.8	

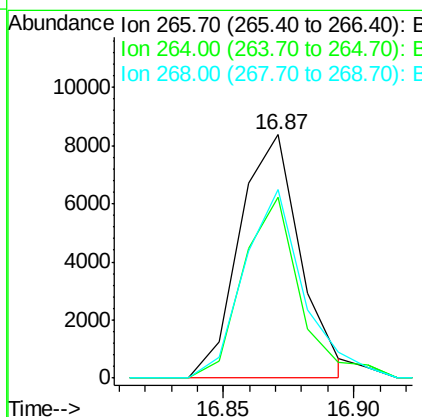
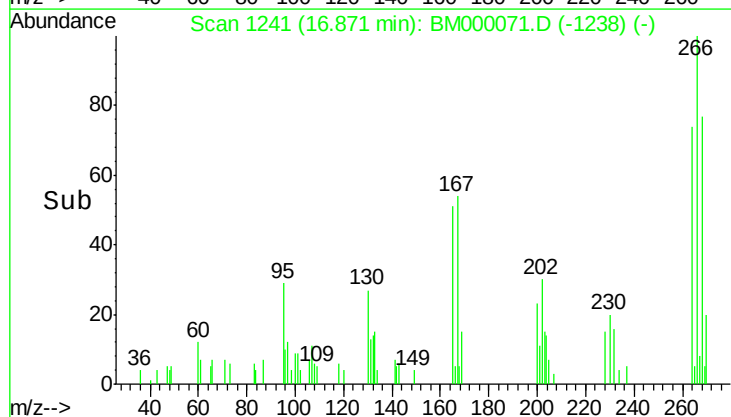
Manual Integrations
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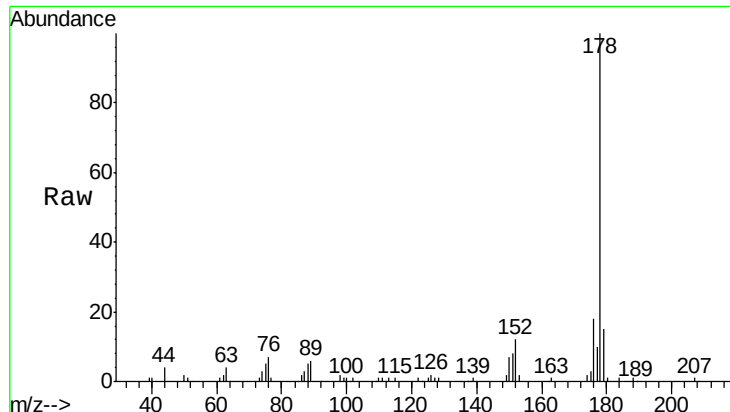
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#68
Pentachlorophenol
Concen: 1.24 ng/ul
RT: 16.87 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	13679		
264	74.4	49.8	74.6	
268	77.3	48.2	72.4	





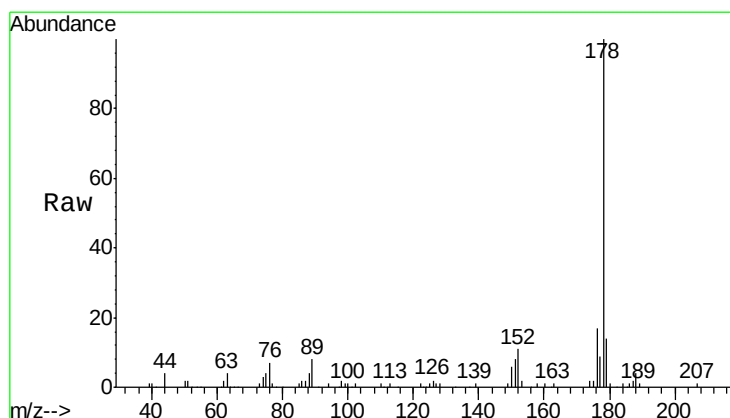
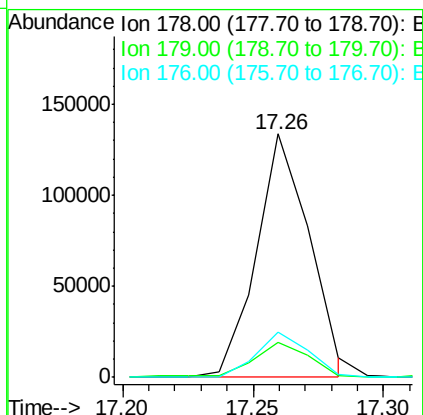
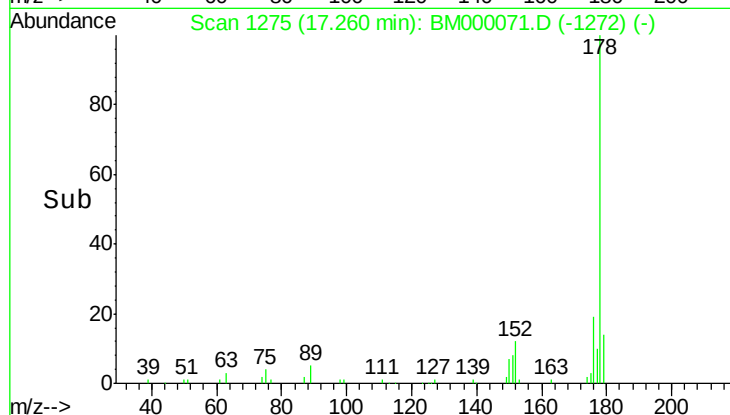
#69
Phenanthrene
Concen: 2.24 ng/ul
RT: 17.26 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-5

Tgt Ion:178 Resp: 187199
Ion Ratio Lower Upper
178 100
179 14.6 11.6 17.4
176 18.4 14.6 22.0

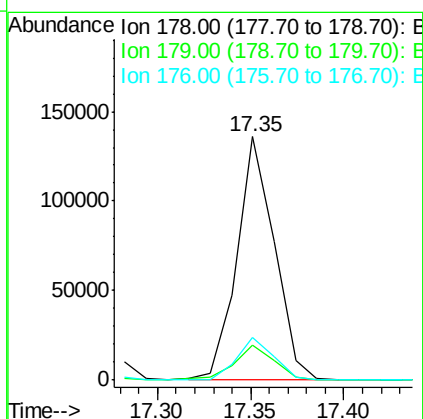
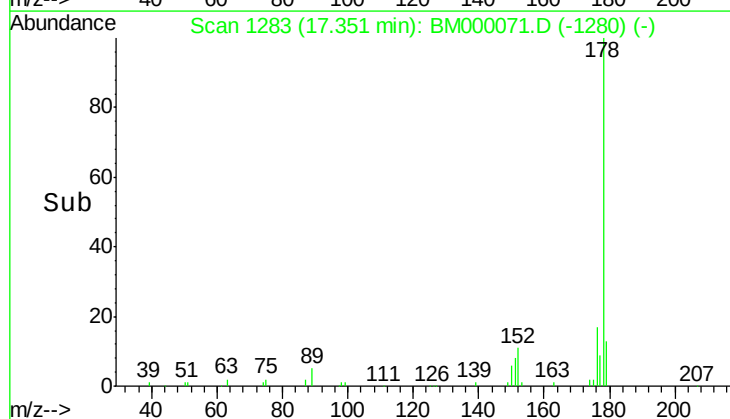
Manual Integrations
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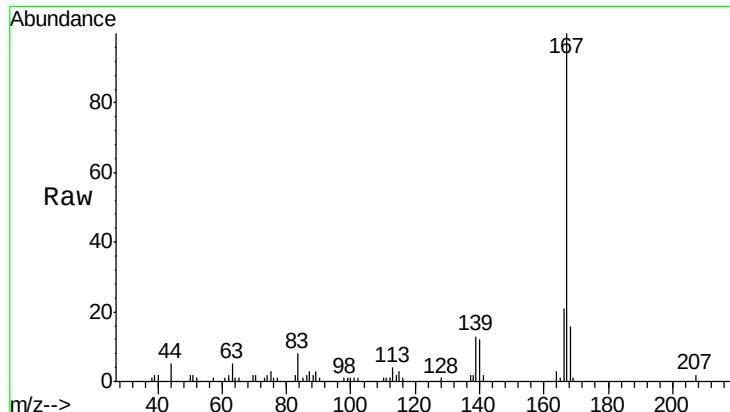
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#71
Anthracene
Concen: 2.21 ng/ul
RT: 17.35 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion:178 Resp: 189848
Ion Ratio Lower Upper
178 100
179 14.2 12.6 18.8
176 17.4 14.6 21.8





#72

Carbazole

Concen: 2.07 ng/ul

RT: 17.61 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM000071.D

Acq: 29 Dec 2014 22:41

Instrument :

BNA_M

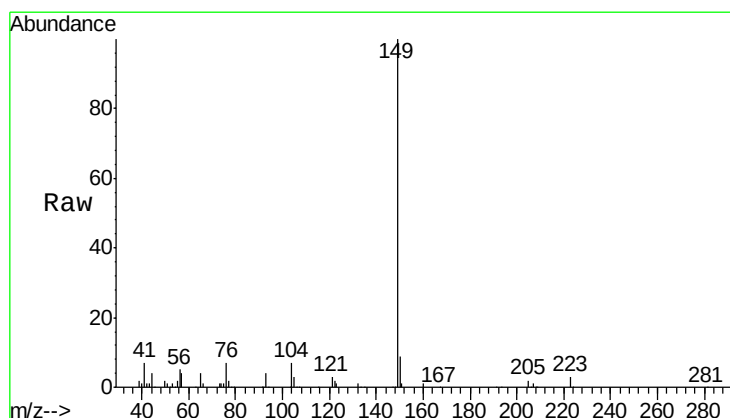
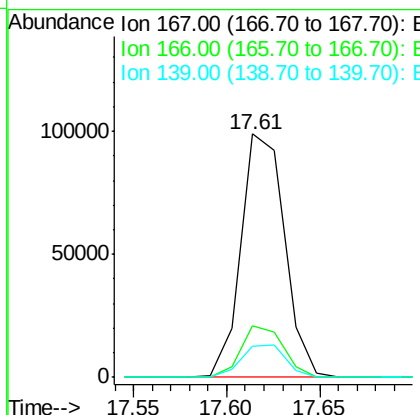
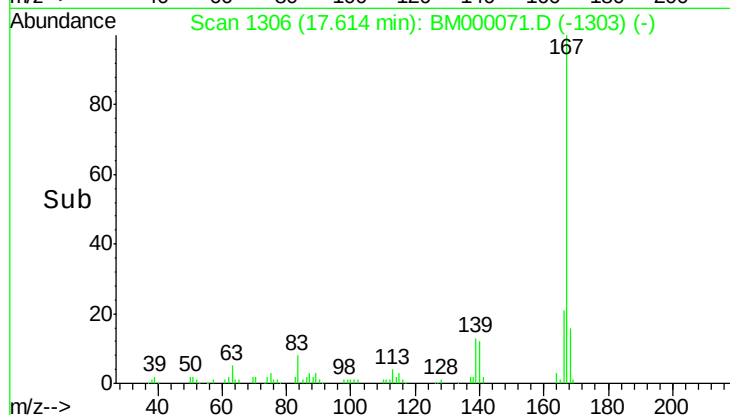
ClientSampleId :

MDL-Soil-5

Tgt Ion:	167	Resp:	160382
Ion Ratio	Lower	Upper	
167	100		
166	21.0	16.2	24.4
139	12.6	10.7	16.1

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#73

Di-n-butylphthalate

Concen: 2.11 ng/ul

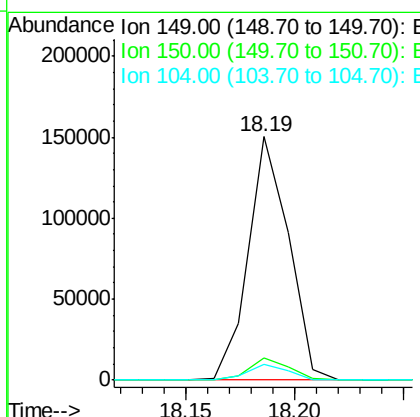
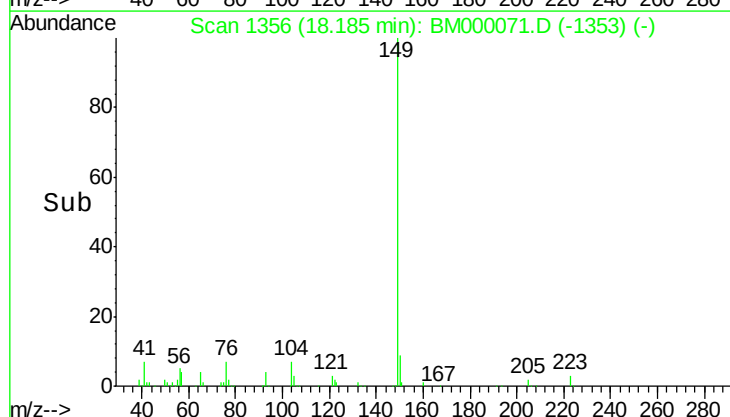
RT: 18.19 min Scan# 1356

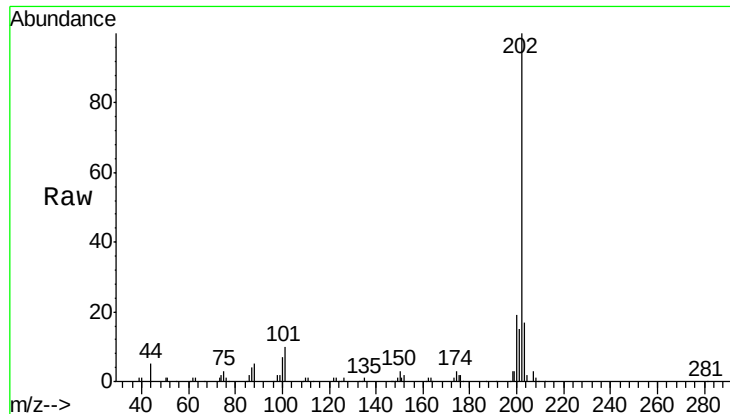
Delta R.T. -0.00 min

Lab File: BM000071.D

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Tgt Ion:	149	Resp:	195168
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.1	10.7
104	6.6	4.8	7.2





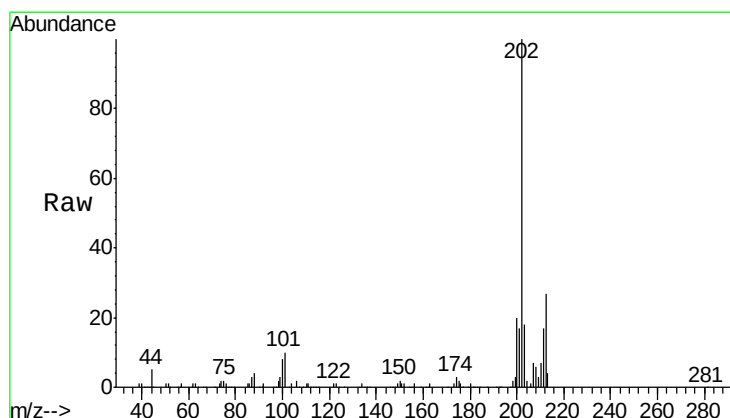
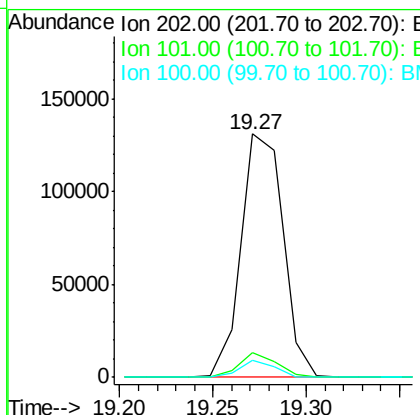
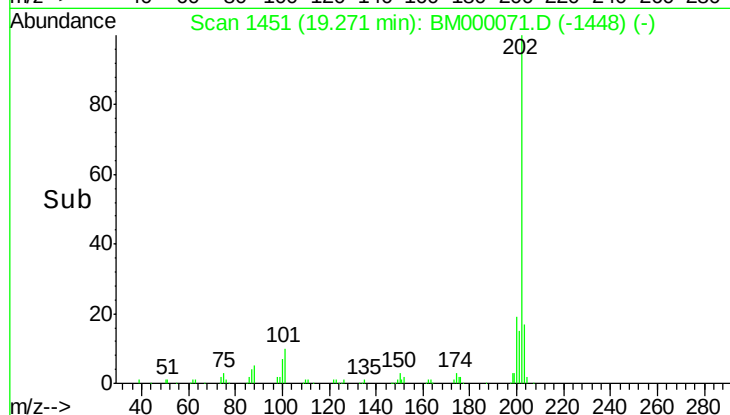
#74
Fluoranthene
Concen: 2.15 ng/ul
RT: 19.27 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-5

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	206129		
101	10.1	6.4	9.6#	
100	6.9	4.6	7.0	

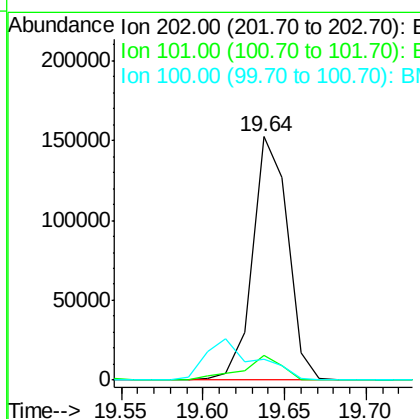
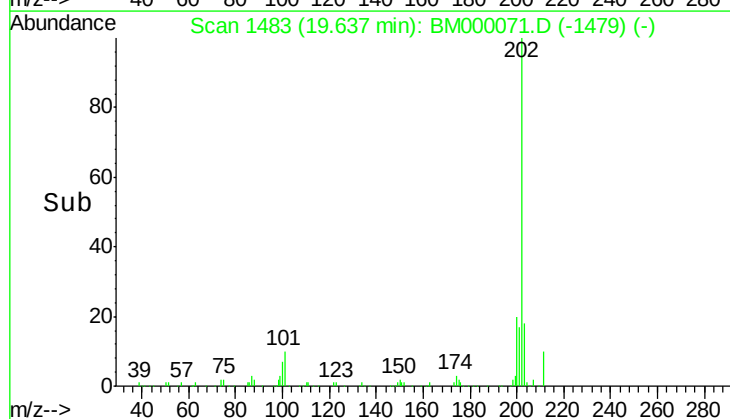
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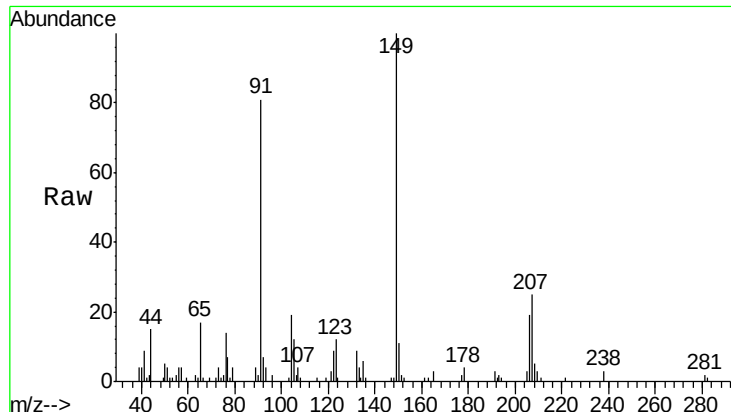
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#77
Pyrene
Concen: 2.55 ng/ul
RT: 19.64 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	227790		
101	10.0	6.9	10.3	
100	8.5	5.5	8.3#	





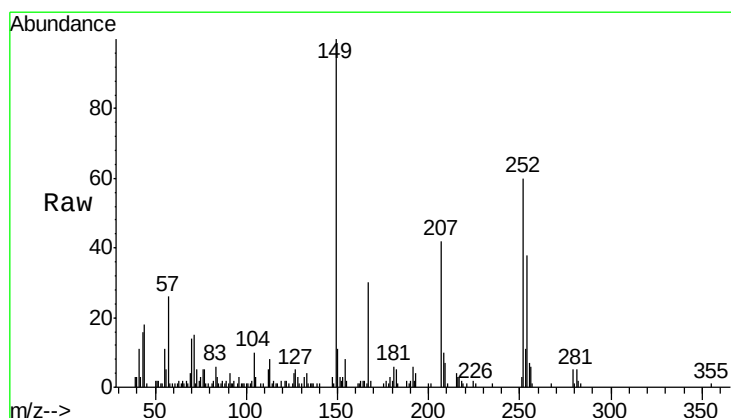
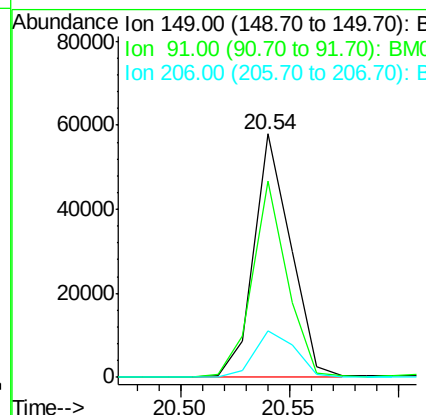
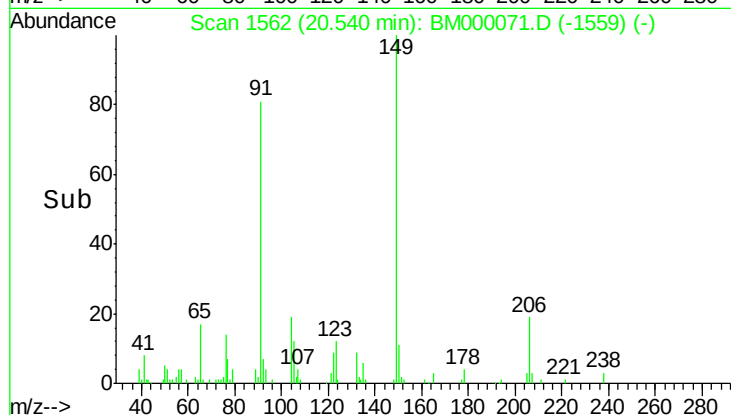
#78
Butylbenzylphthalate
Concen: 1.88 ng/ul
RT: 20.54 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-5

Tgt Ion:	149	Resp:	68380
Ion Ratio	Lower	Upper	
149	100		
91	80.6	56.6	84.8
206	19.3	16.8	25.2

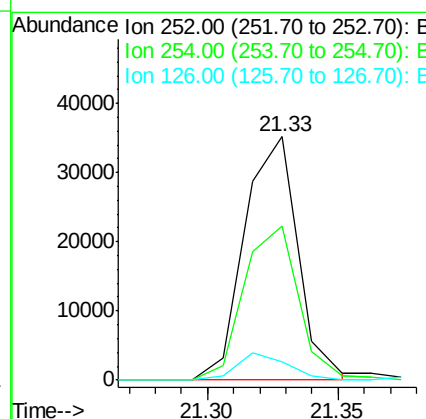
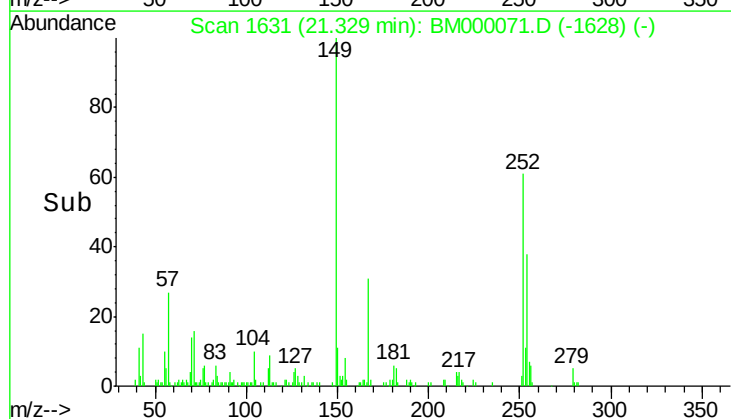
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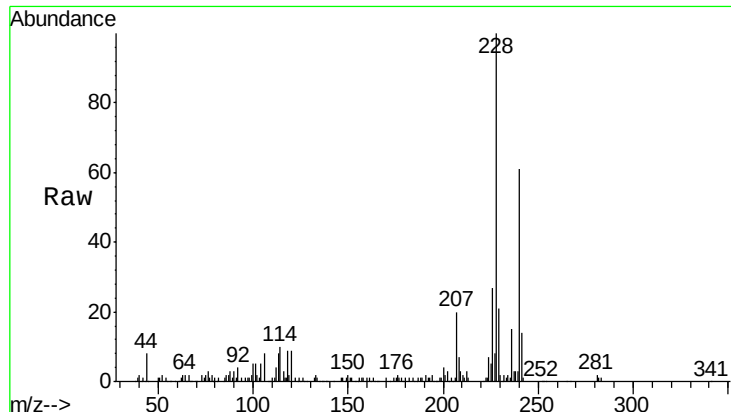
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#79
3,3'-Dichlorobenzidine
Concen: 1.86 ng/ul
RT: 21.33 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion:	252	Resp:	50458
Ion Ratio	Lower	Upper	
252	100		
254	63.4	51.2	76.8
126	7.4	7.9	11.9#





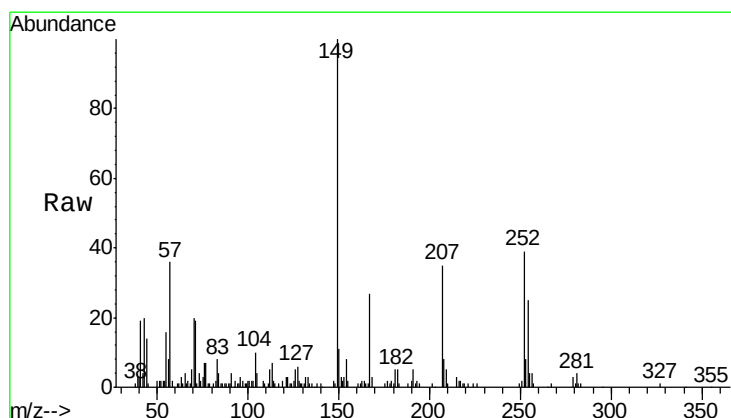
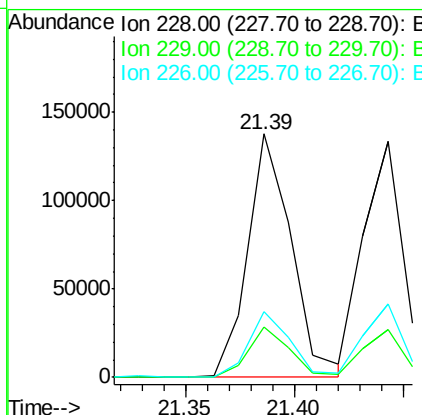
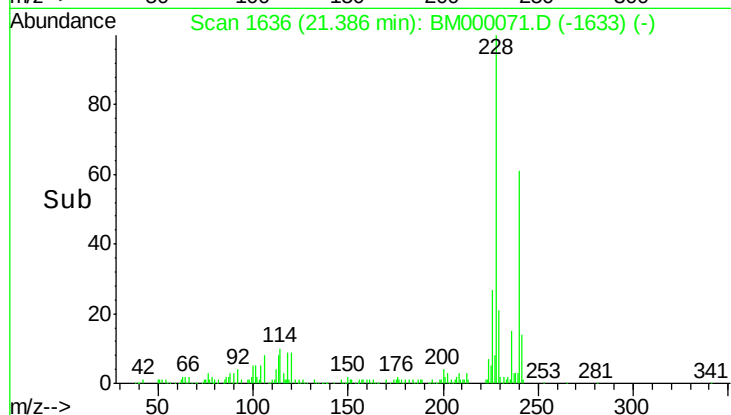
#80
Benzo(a)anthracene
Concen: 2.26 ng/ul
RT: 21.39 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-5

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	193192		
229	20.6	15.8	23.8	
226	27.2	20.7	31.1	

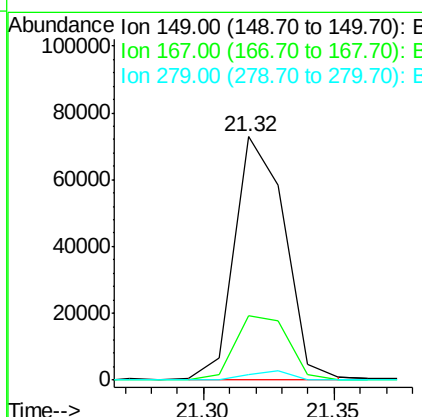
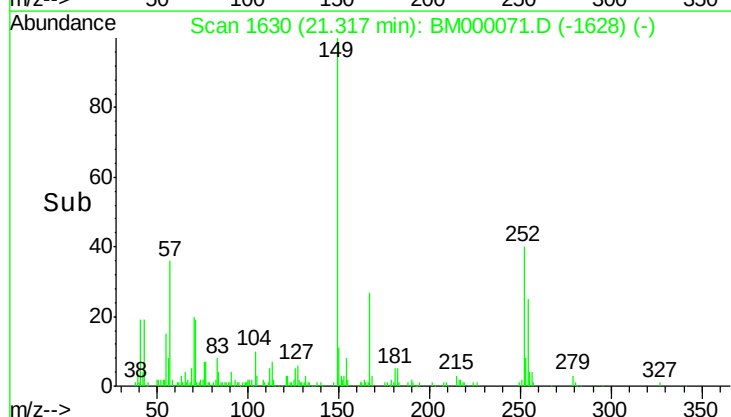
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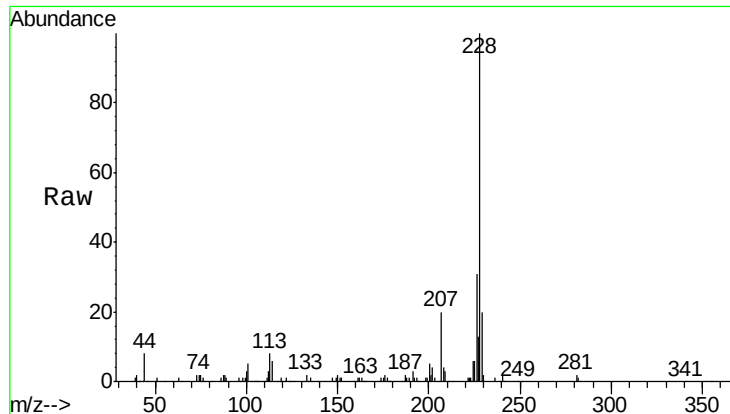
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#81
Bis(2-ethylhexyl)phthalate
Concen: 1.85 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	97966		
167	26.6	22.1	33.1	
279	2.5	3.0	4.6	





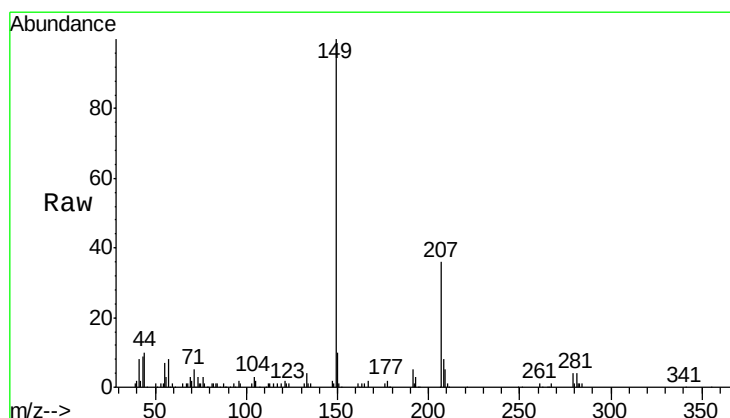
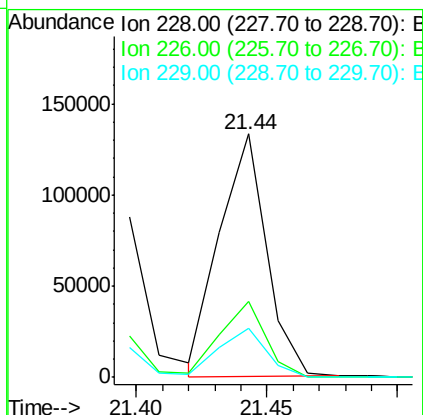
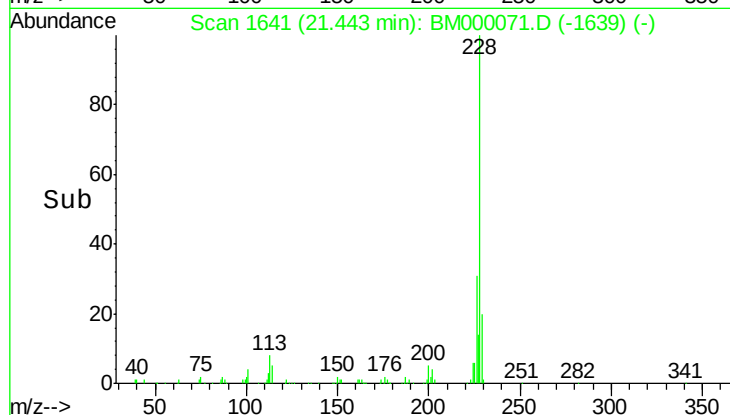
#82
Chrysene
Concen: 2.12 ng/ul
RT: 21.44 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-5

Tgt Ion:228 Resp: 167500
Ion Ratio Lower Upper
228 100
226 31.2 23.0 34.4
229 20.0 15.6 23.4

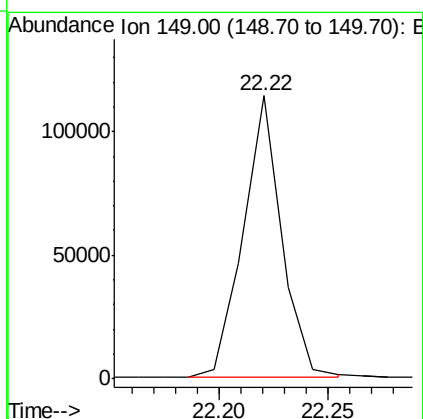
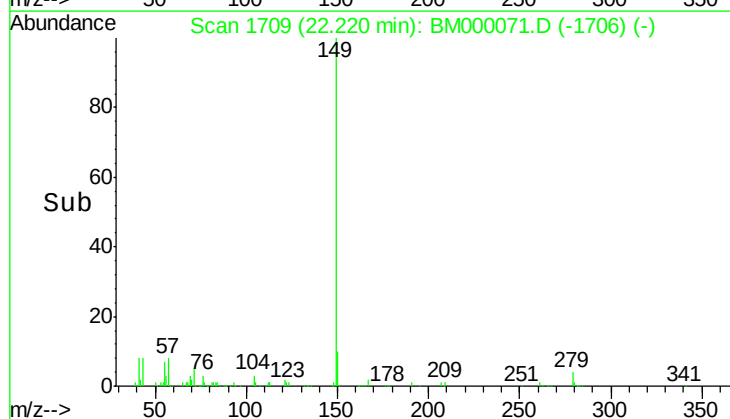
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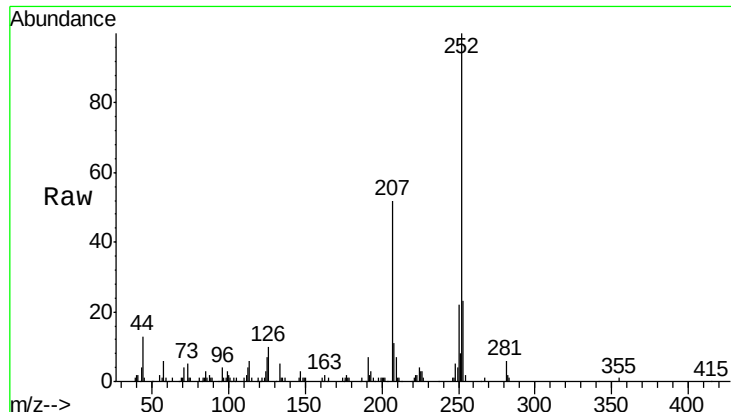
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#84
Di-n-octyl phthalate
Concen: 1.80 ng/ul
RT: 22.22 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BM000071.D
Acq: 29 Dec 2014 22:41

Tgt Ion:149 Resp: 139346





#85

Benzo(b)fluoranthene

Concen: 2.25 ng/ul

RT: 23.01 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BM000071.D

Acq: 29 Dec 2014 22:41

Instrument :

BNA_M

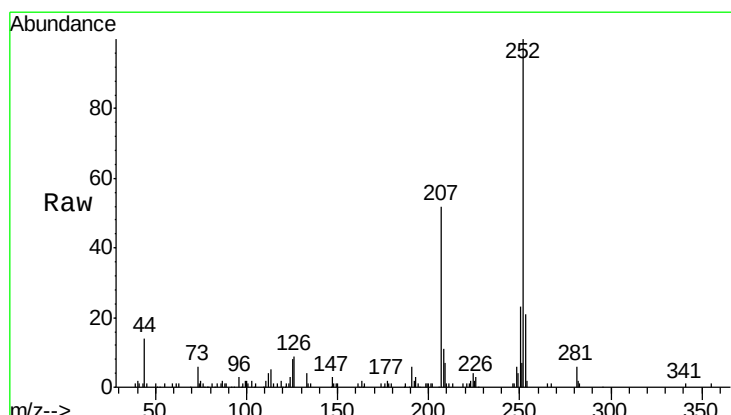
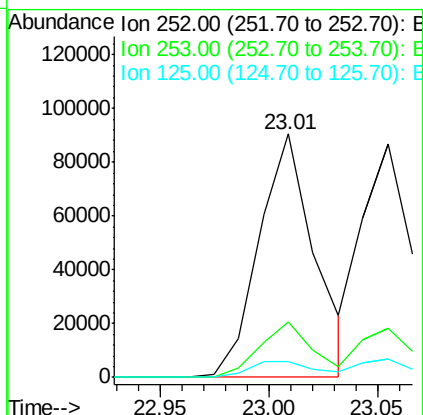
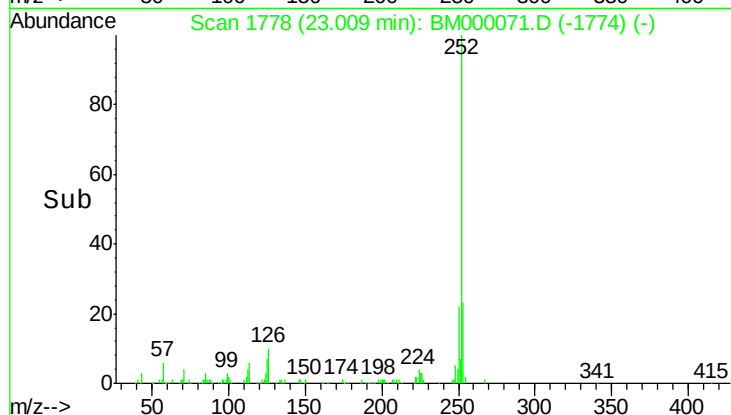
ClientSampleId :

MDL-Soil-5

Tgt Ion:252 Resp: 161837
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.1 25.7
 125 6.6 4.8 7.2

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#86

Benzo(k)fluoranthene

Concen: 2.27 ng/ul

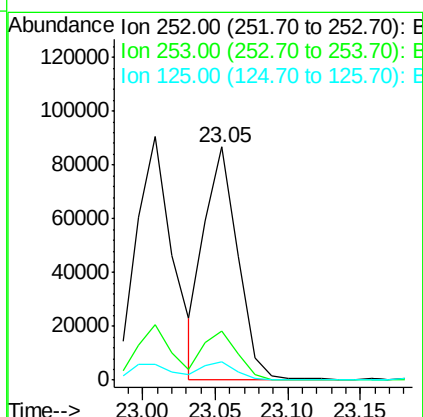
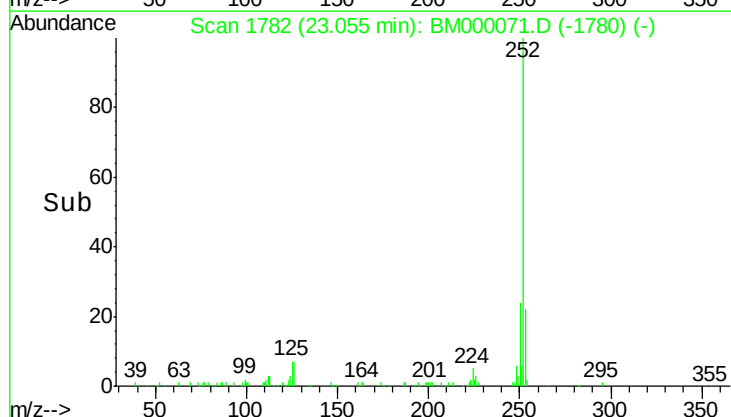
RT: 23.05 min Scan# 1782

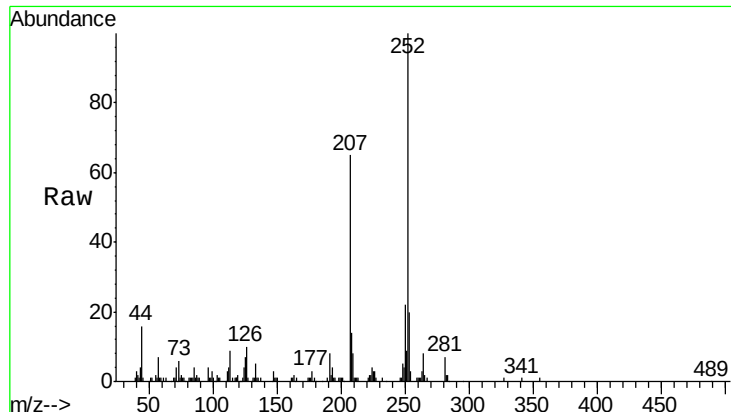
Delta R.T. -0.00 min

Lab File: BM000071.D

Acq: 29 Dec 2014 22:41

Tgt Ion:252 Resp: 139406
 Ion Ratio Lower Upper
 252 100
 253 20.9 17.2 25.8
 125 7.9 4.9 7.3#





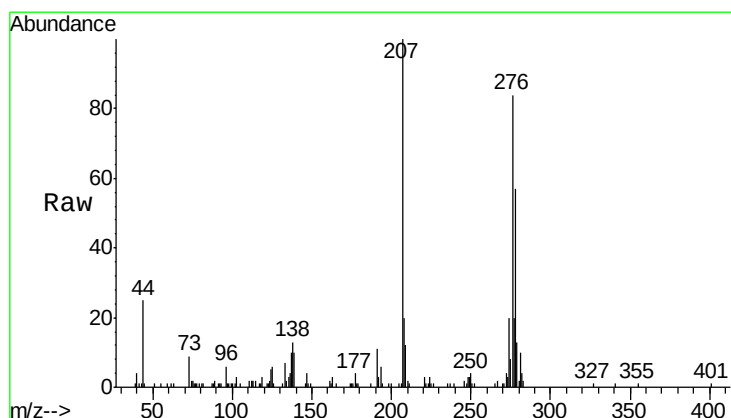
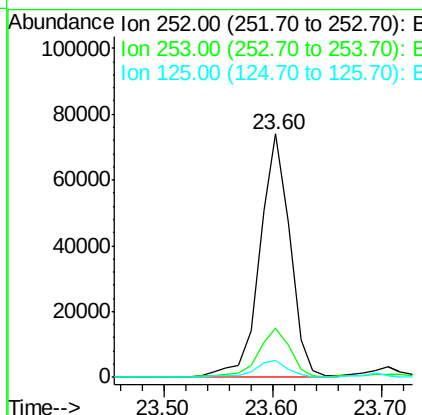
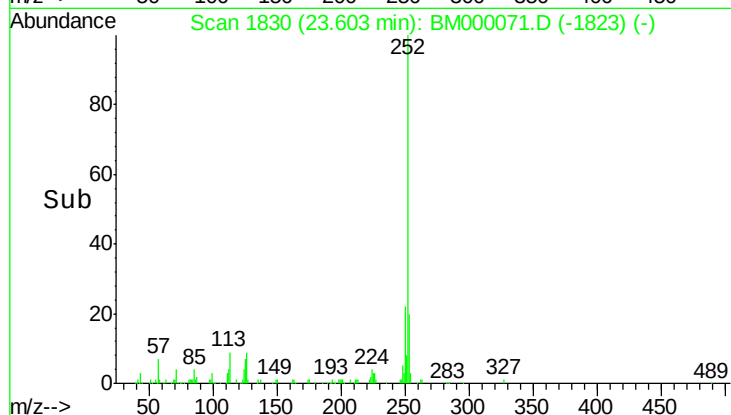
#88
 Benzo(a)pyrene
 Concen: 2.26 ng/ul
 RT: 23.60 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-5

Tgt Ion:	252	Resp:	143112
Ion Ratio	Lower	Upper	
252	100		
253	20.1	17.0	25.6
125	7.2	5.8	8.6

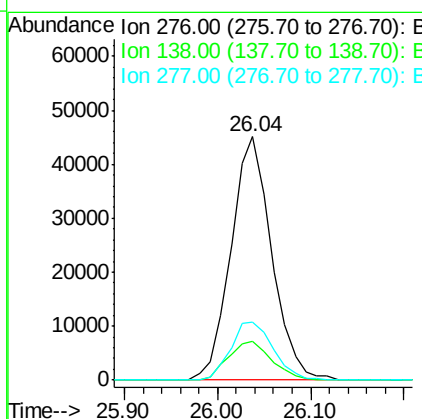
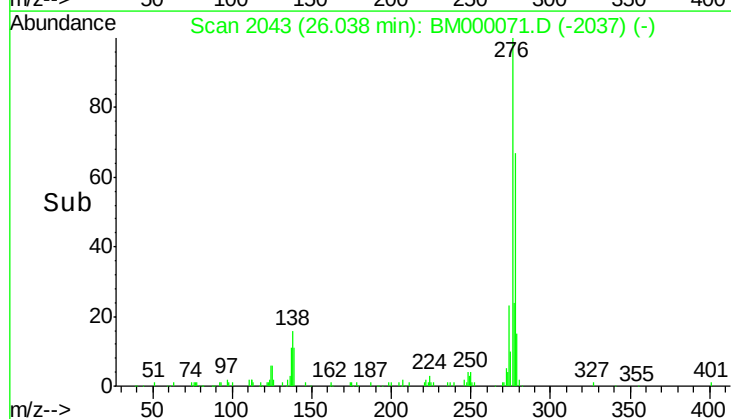
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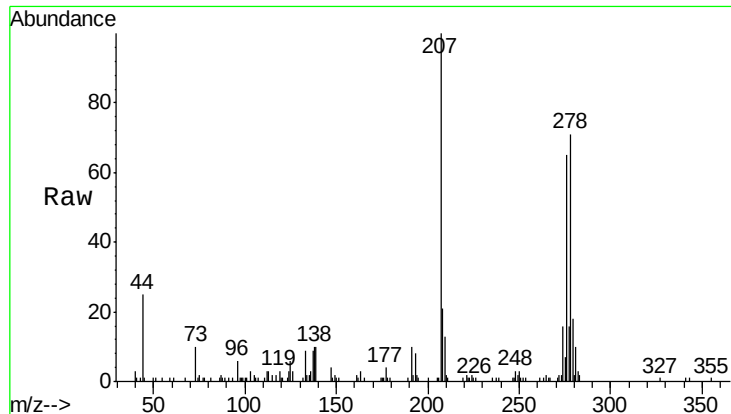
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#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.07 ng/ul
 RT: 26.04 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Tgt Ion:	276	Resp:	136595
Ion Ratio	Lower	Upper	
276	100		
138	15.8	14.2	21.2
277	23.8	18.8	28.2





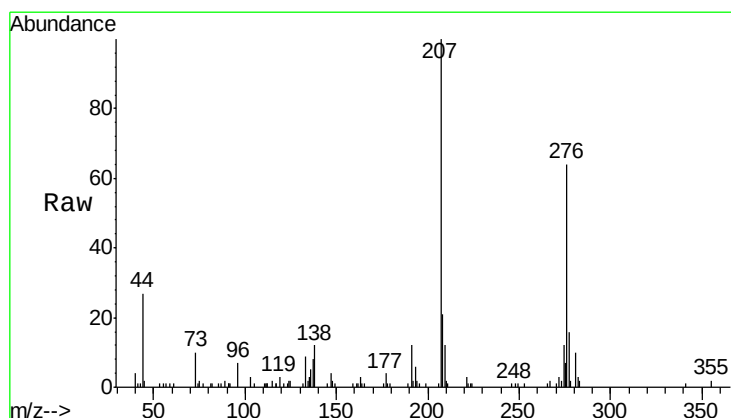
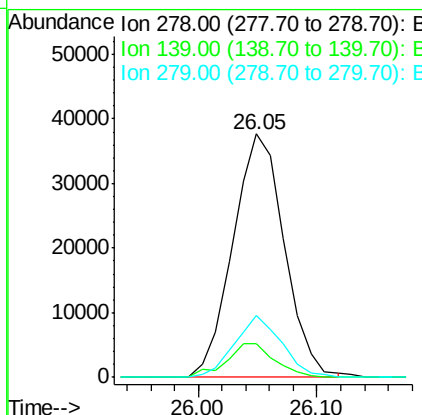
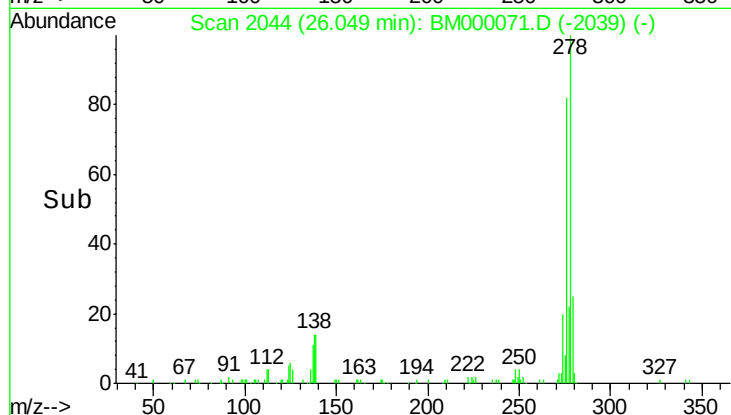
#90
 Dibenzo(a,h)anthracene
 Concen: 2.04 ng/ul
 RT: 26.05 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-5

Tgt Ion:278 Resp: 113477
 Ion Ratio Lower Upper
 278 100
 139 13.6 10.2 15.2
 279 25.2 19.2 28.8

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#91
 Benzo(g,h,i)perylene
 Concen: 2.08 ng/ul
 RT: 26.75 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM000071.D
 Acq: 29 Dec 2014 22:41

Tgt Ion:276 Resp: 112771
 Ion Ratio Lower Upper
 276 100
 138 18.5 12.1 18.1#
 277 24.7 19.0 28.4

