

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
 Data File : BM000073.D
 Acq On : 29 Dec 2014 23:52
 Operator : TP
 Sample : MDL-07-S
 Misc : MDL--SOIL-4PPM
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-7

Manual Integrations
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 1/7/2015 9:20:59 AM

Quant Time: Dec 31 06:57:42 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	236341	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1044316	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	746251	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1494515	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1412510	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1092560	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	22700	5.57	ng/uL	0.00
5) Phenol-d5	7.00	99	700959	34.24	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	455138	36.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	514611	35.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	568296	35.14	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	271813	37.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	290457	39.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	555157	33.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	760297	41.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1990657	36.17	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2312488	35.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	292416	32.89	ng/ul	0.00
57) Fluorene-d10	15.48	176	1643682	34.78	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.58	200	186547	25.17	ng/ul	0.00
70) Anthracene-d10	17.32	188	2529844	36.61	ng/ul	0.00
76) Pyrene-d10	19.61	212	2687383	41.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1892080	38.38	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.36	88	17755	3.14 ng/uL#	91
4) Benzaldehyde	6.98	77	48039	3.77 ng/ul	99
6) Phenol	7.03	94	67387	3.16 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.27	93	55746	3.42 ng/ul	97
10) 2-Chlorophenol	7.41	128	46888	3.07 ng/ul	100
11) 2-Methylphenol	8.28	108	50040	3.04 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.38	45	90334	3.44 ng/ul	98
14) Acetophenone	8.66	105	89825	3.25 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.65	70	44581	3.08 ng/ul	99
16) 4-Methylphenol	8.61	108	57256	3.22 ng/ul	96
17) Hexachloroethane	8.93	117	22450	3.22 ng/ul	97
20) Nitrobenzene	9.04	77	74080	3.44 ng/ul	97
21) Isophorone	9.57	82	127726	3.08 ng/ul	97
23) 2-Nitrophenol	9.75	139	28472	3.50 ng/ul	96
24) 2,4-Dimethylphenol	9.81	107	69699	3.15 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.05	93	76225	3.30 ng/ul	96
27) 2,4-Dichlorophenol	10.28	162	50382	3.10 ng/ul#	81
28) Naphthalene	10.69	128	166258	3.12 ng/ul	99
30) 4-Chloroaniline	10.79	127	65949	3.45 ng/ul	96
31) Hexachlorobutadiene	10.97	225	39133	3.40 ng/ul	93
32) Caprolactam	11.59	113	14687m	2.71 ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	58049	2.91 ng/ul	94
34) 2-Methylnaphthalene	12.30	142	126811	3.21 ng/ul	99

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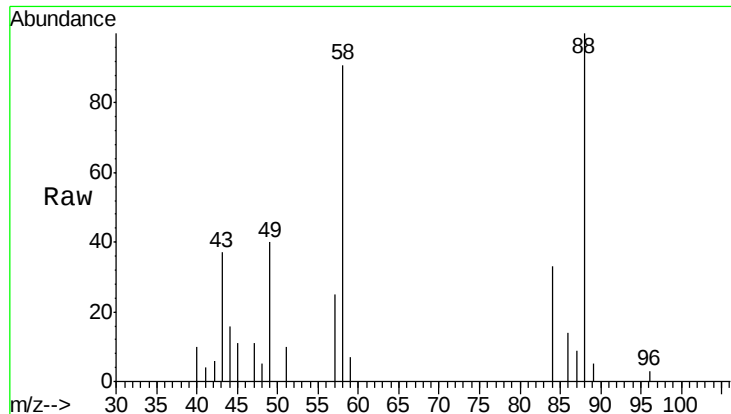
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 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	67441	3.26	ng/ul	96
37) Hexachlorocyclopentadiene	12.65	237	36220	2.65	ng/ul	97
38) 2,4,6-Trichlorophenol	12.90	196	38796	2.94	ng/ul	95
39) 2,4,5-Trichlorophenol	12.97	196	41782	2.91	ng/ul	93
40) 1,1'-Biphenyl	13.32	154	173683	3.23	ng/ul	97
41) 2-Chloronaphthalene	13.35	162	133031	3.23	ng/ul	98
42) 2-Nitroaniline	13.56	65	37975	2.84	ng/ul	95
44) Dimethylphthalate	13.93	163	176436	3.22	ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	27591	2.81	ng/ul#	83
47) Acenaphthylene	14.20	152	218618	3.14	ng/ul	98
48) 3-Nitroaniline	14.38	138	29389	2.93	ng/ul#	91
49) Acenaphthene	14.54	153	141994	3.20	ng/ul	98
50) 2,4-Dinitrophenol	14.59	184	6644	1.33	ng/ul	92
52) 4-Nitrophenol	14.68	109	35799	3.03	ng/ul	95
53) Dibenzofuran	14.87	168	207914	3.24	ng/ul	96
54) 2,4-Dinitrotoluene	14.84	165	43621	2.98	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.10	232	34627	2.80	ng/ul	99
56) Diethylphthalate	15.29	149	185822	3.23	ng/ul	97
58) Fluorene	15.52	166	173573	3.26	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	87165	3.32	ng/ul	90
60) 4-Nitroaniline	15.53	138	35621	3.14	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.59	198	17643	2.33	ng/ul#	20
64) N-Nitrosodiphenylamine	15.73	169	143774	3.32	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	48669	3.20	ng/ul#	89
66) Hexachlorobenzene	16.53	284	56531	3.22	ng/ul	95
67) Atrazine	16.68	200	52683	3.08	ng/ul	99
68) Pentachlorophenol	16.87	266	23667	2.22	ng/ul	99
69) Phenanthrene	17.26	178	276661	3.42	ng/ul	99
71) Anthracene	17.35	178	269130	3.24	ng/ul	98
72) Carbazole	17.61	167	241891	3.23	ng/ul	98
73) Di-n-butylphthalate	18.19	149	290560	3.25	ng/ul	99
74) Fluoranthene	19.27	202	310635	3.35	ng/ul#	97
77) Pyrene	19.64	202	331212	3.89	ng/ul	96
78) Butylbenzylphthalate	20.54	149	108389	3.13	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.32	252	75051	2.91	ng/ul#	97
80) Benzo(a)anthracene	21.39	228	285185	3.50	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.32	149	154509	3.07	ng/ul#	99
82) Chrysene	21.44	228	248382	3.31	ng/ul	98
84) Di-n-octyl phthalate	22.22	149	218128	2.90	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	238491	3.42	ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	197752	3.32	ng/ul	100
88) Benzo(a)pyrene	23.60	252	202688	3.31	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.04	276	204028	3.19	ng/ul	97
90) Dibenzo(a,h)anthracene	26.05	278	173950	3.23	ng/ul	100
91) Benzo(g,h,i)perylene	26.75	276	166481	3.17	ng/ul	99

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



#2

1,4-Dioxane

Concen: 3.14 ng/uL

RT: 3.36 min Scan# 59

Delta R.T. -0.00 min

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Instrument :

BNA_M

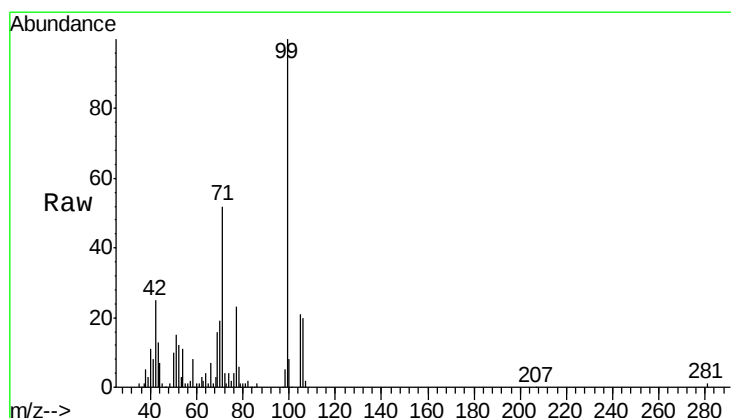
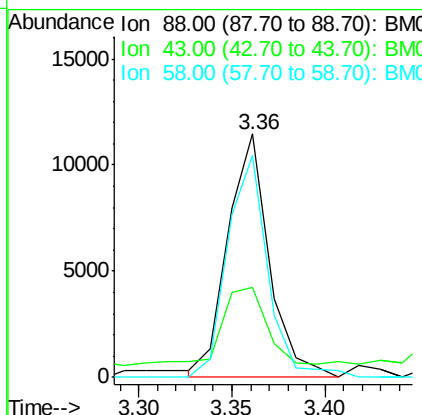
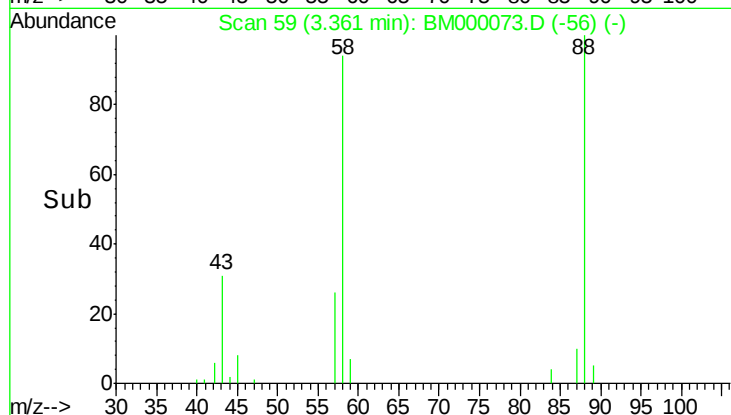
ClientSampleId :

MDL-Soil-7

Tgt Ion:	88	Resp:	17755
Ion	Ratio	Lower	Upper
88	100		
43	31.7	34.9	52.3#
58	88.0	67.3	100.9

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#4

Benzaldehyde

Concen: 3.77 ng/uL

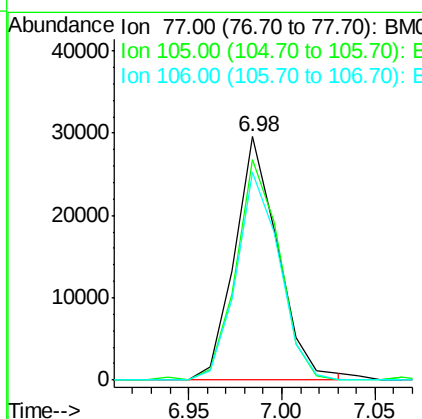
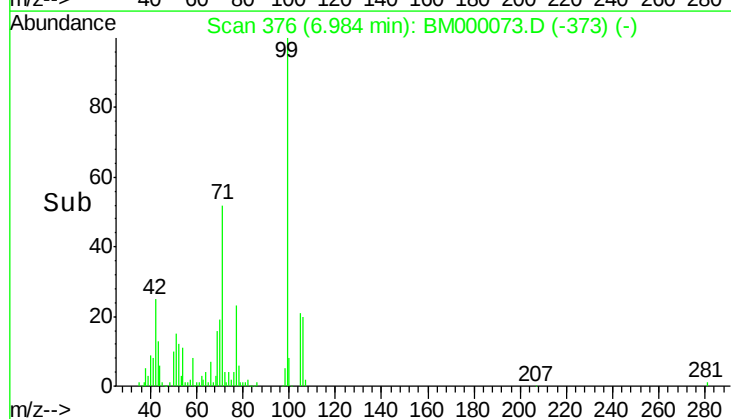
RT: 6.98 min Scan# 376

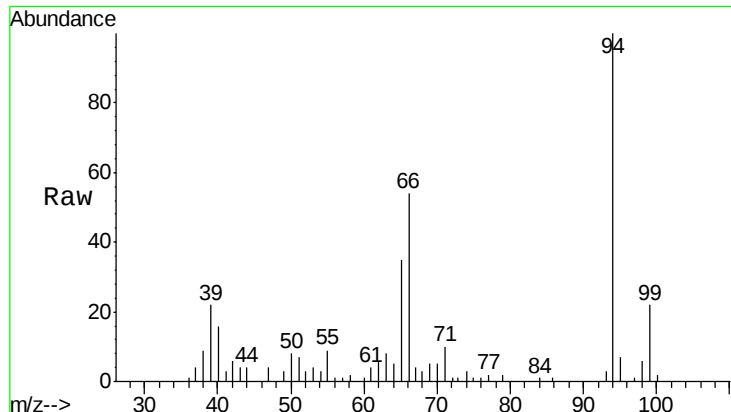
Delta R.T. -0.00 min

Lab File: BM000073.D

Acq: 29 Dec 2014 23:52

Tgt Ion:	77	Resp:	48039
Ion	Ratio	Lower	Upper
77	100		
105	90.6	73.5	110.3
106	85.4	67.9	101.9





#6

Phenol

Concen: 3.16 ng/ul

RT: 7.03 min Scan# 380

Delta R.T. -0.00 min

Lab File: BM000073.D

Acq: 29 Dec 2014 23:52

Instrument :

BNA_M

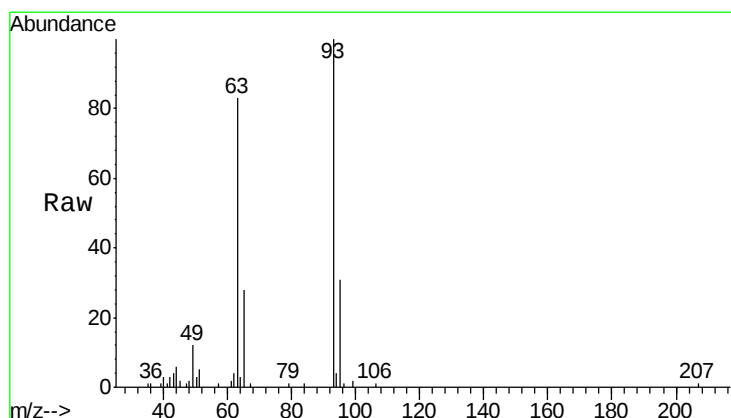
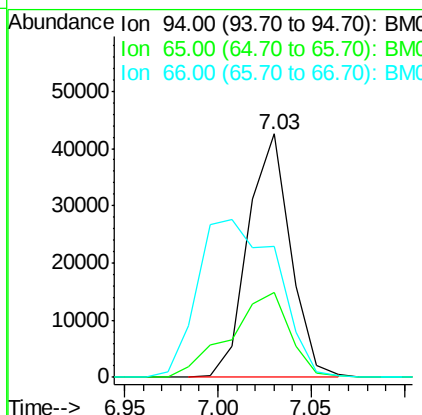
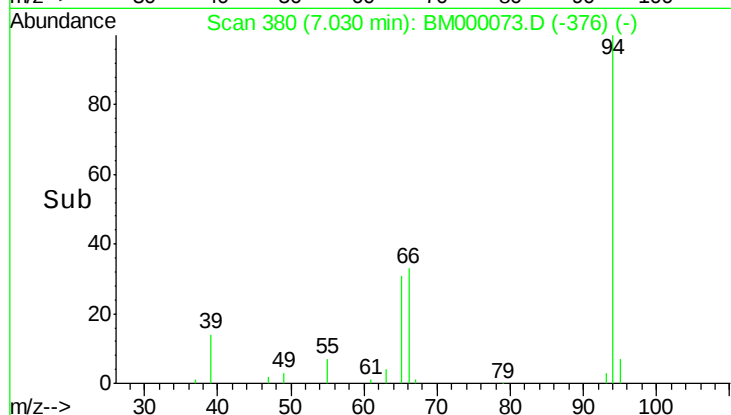
ClientSampleId :

MDL-Soil-7

Tgt Ion:	94	Resp:	67387
Ion	Ratio	Lower	Upper
94	100		
65	35.0	27.4	41.0
66	53.9	42.5	63.7

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#8

Bis(2-Chloroethyl)ether

Concen: 3.42 ng/ul

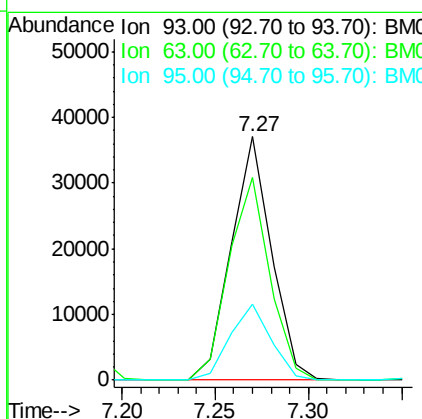
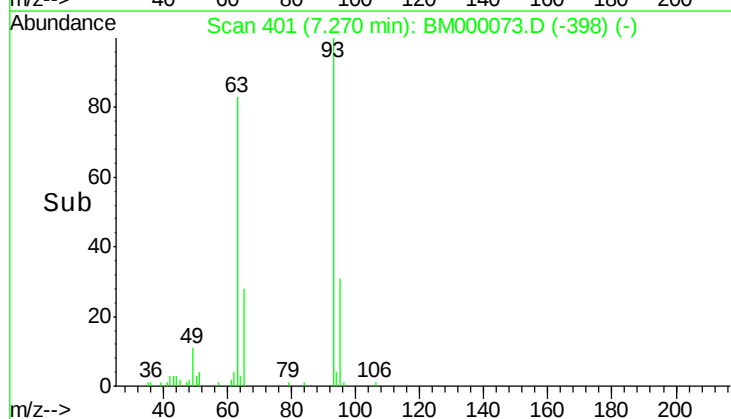
RT: 7.27 min Scan# 401

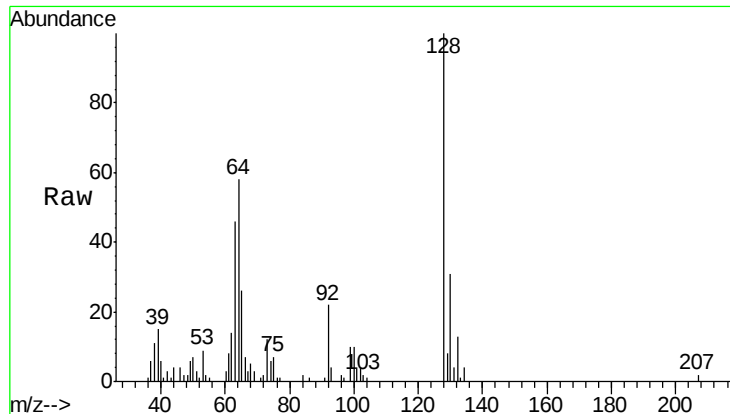
Delta R.T. -0.00 min

Lab File: BM000073.D

Acq: 29 Dec 2014 23:52

Tgt Ion:	93	Resp:	55746
Ion	Ratio	Lower	Upper
93	100		
63	83.1	68.9	103.3
95	31.3	24.6	37.0





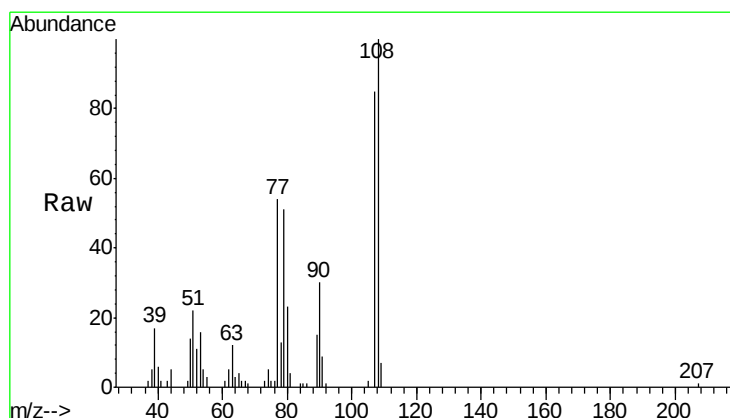
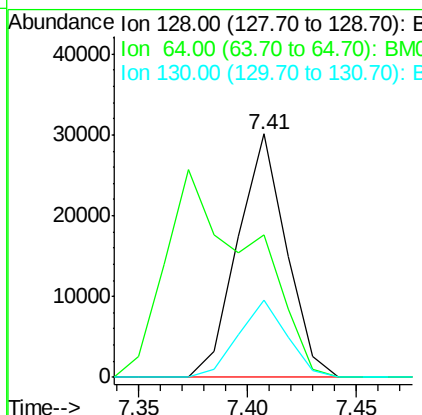
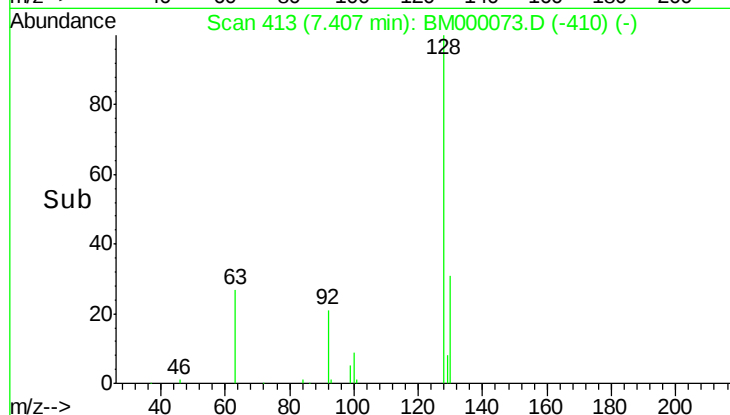
#10
2-Chlorophenol
Concen: 3.07 ng/ul
RT: 7.41 min Scan# 413
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-7

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	46888		
64	58.5		47.2	70.8
130	31.5		25.2	37.8

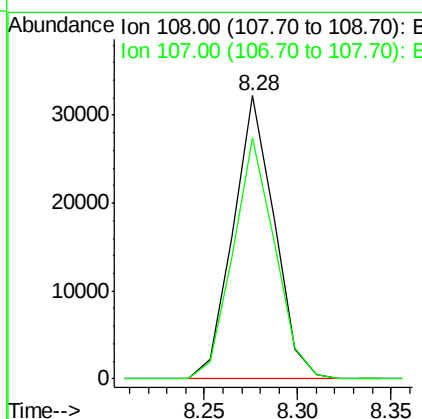
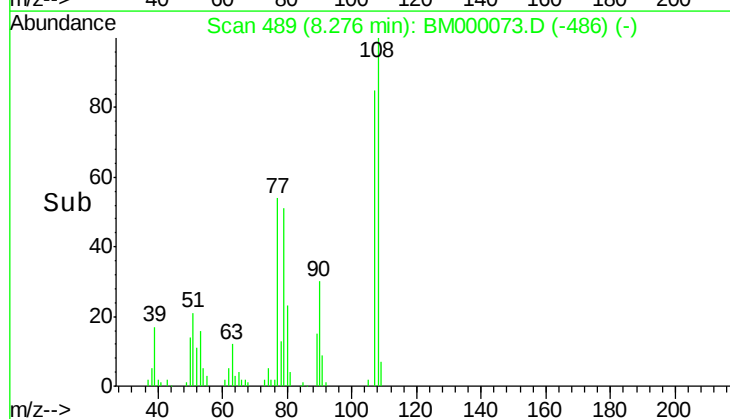
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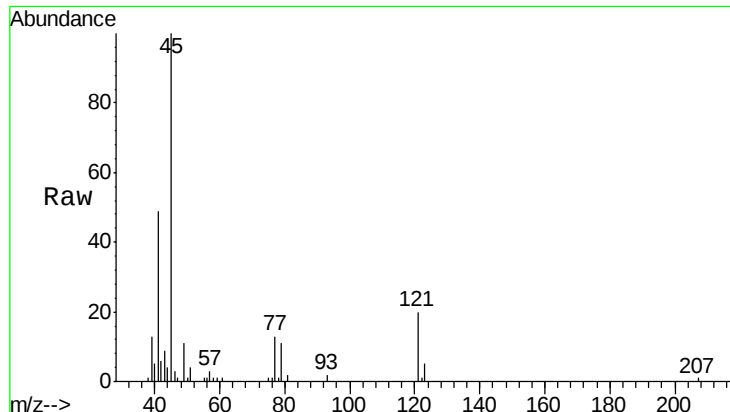
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#11
2-Methylphenol
Concen: 3.04 ng/ul
RT: 8.28 min Scan# 489
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	50040		
107	85.3		70.7	106.1





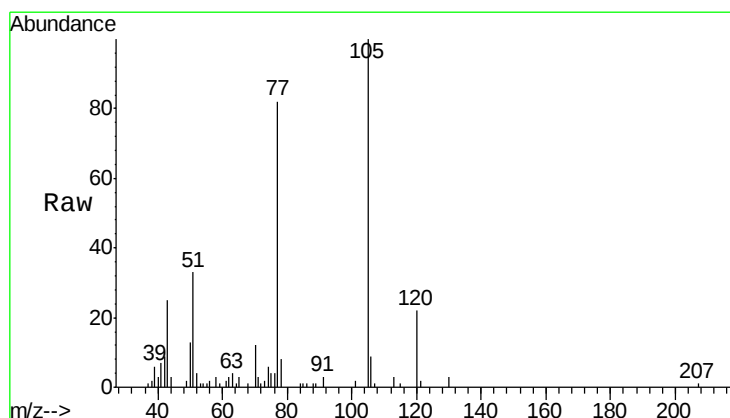
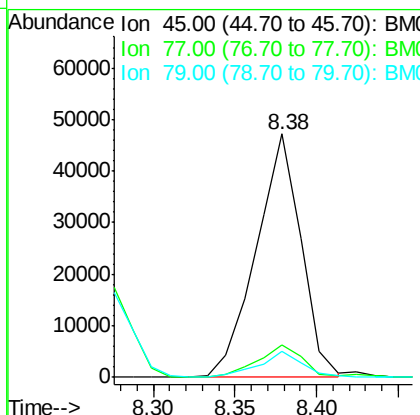
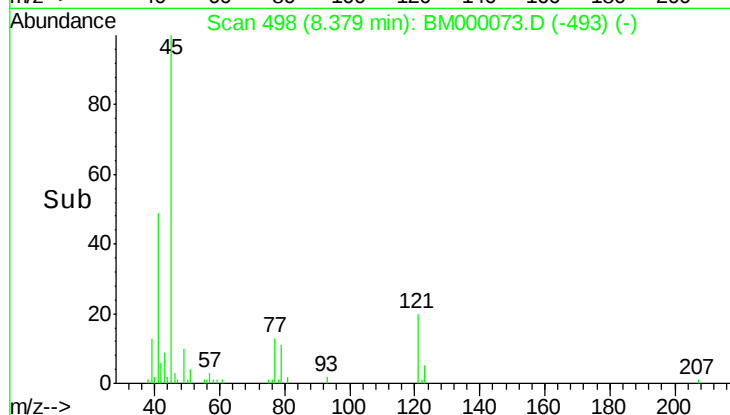
#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.44 ng/ul
RT: 8.38 min Scan# 498
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Instrument :
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ClientSampleId :
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Tgt Ion:	45	Resp:	90334
Ion Ratio	Lower	Upper	
45	100		
77	13.1	9.9	14.9
79	10.9	8.3	12.5

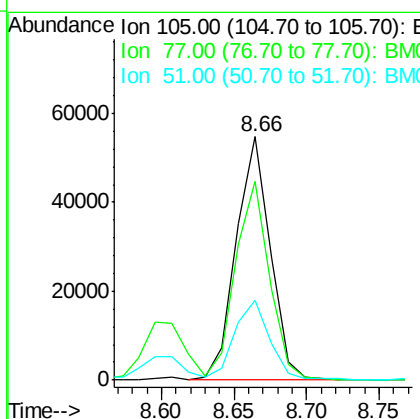
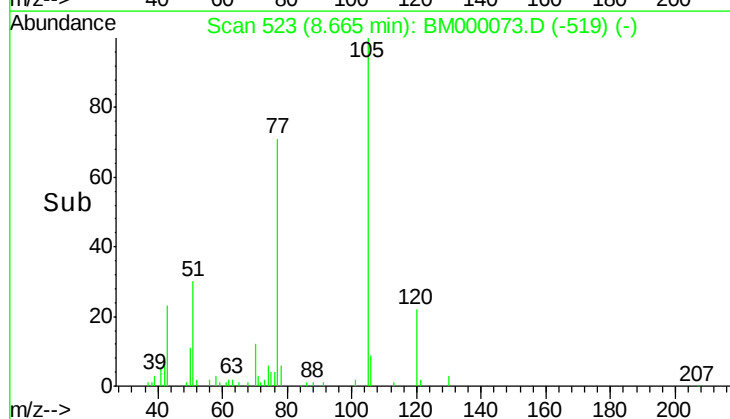
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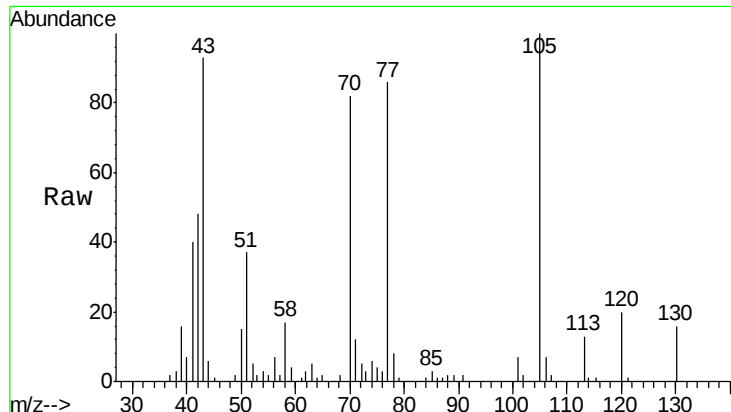
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#14
Acetophenone
Concen: 3.25 ng/ul
RT: 8.66 min Scan# 523
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Tgt Ion:	105	Resp:	89825
Ion Ratio	Lower	Upper	
105	100		
77	81.8	66.3	99.5
51	33.0	26.5	39.7





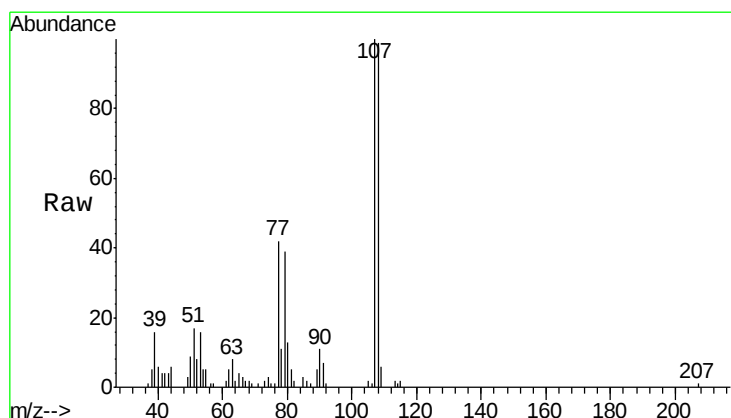
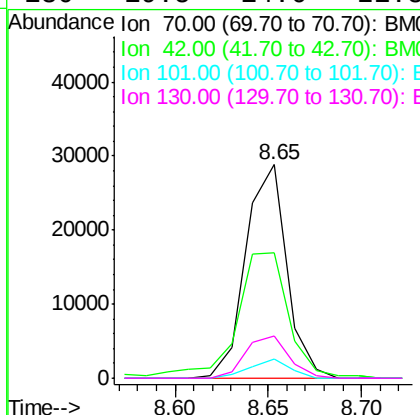
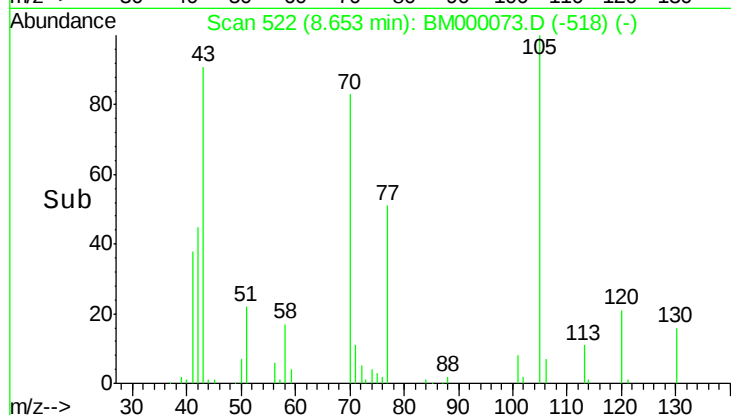
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N-Nitroso-di-n-propylamine
Concen: 3.08 ng/ul
RT: 8.65 min Scan# 522
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-7

Tgt Ion:	70	Resp:	44581
Ion Ratio	Lower	Upper	
70	100		
42	58.6	46.4	69.6
101	9.1	7.8	11.8
130	19.5	14.6	21.8

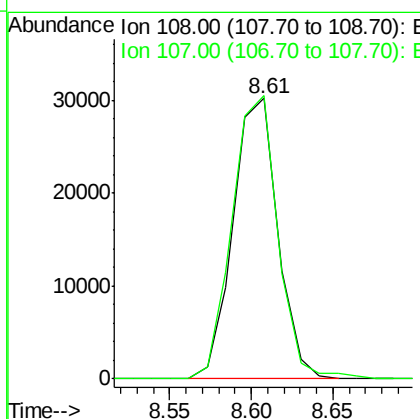
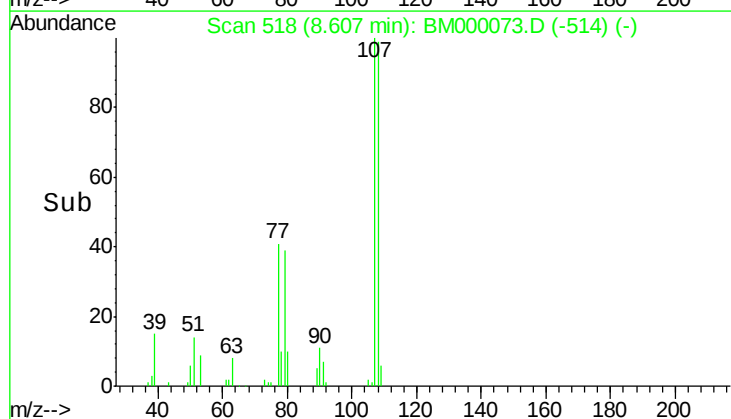
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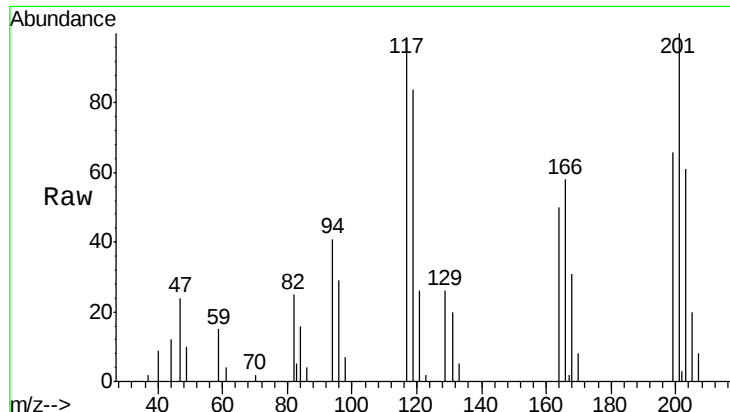
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#16
4-Methylphenol
Concen: 3.22 ng/ul
RT: 8.61 min Scan# 518
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Tgt Ion:	108	Resp:	57256
Ion Ratio	Lower	Upper	
108	100		
107	101.0	84.0	126.0





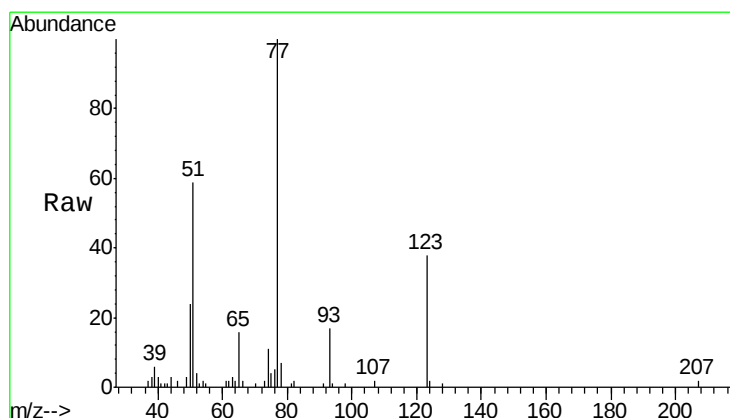
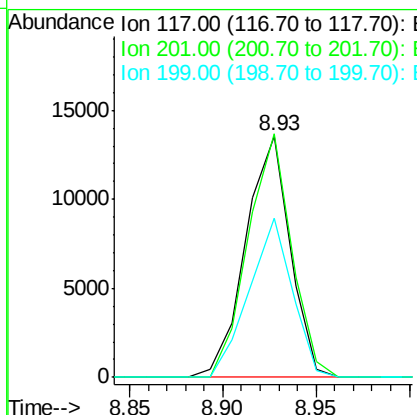
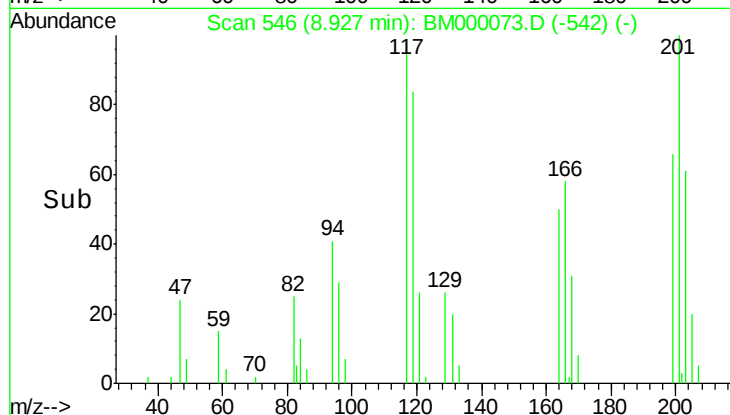
#17
Hexachloroethane
Concen: 3.22 ng/ul
RT: 8.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Instrument :
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MDL-Soil-7

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	22450		
201	103.8	85.2	127.8	
199	66.1	55.1	82.7	

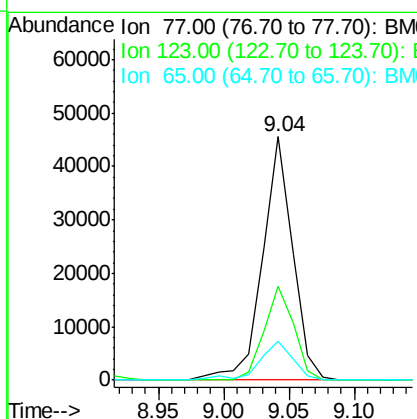
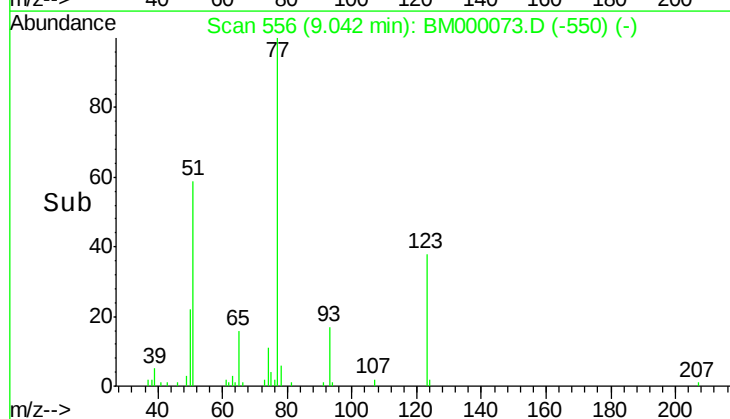
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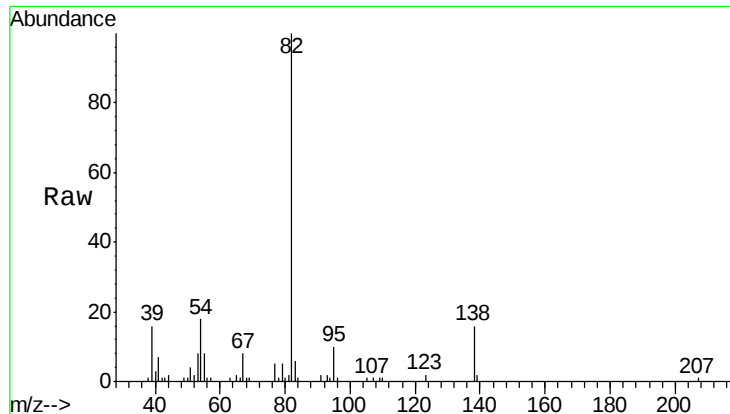
TEJASKUMAR
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#20
Nitrobenzene
Concen: 3.44 ng/ul
RT: 9.04 min Scan# 556
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	74080		
123	38.3	29.2	43.8	
65	16.0	12.4	18.6	





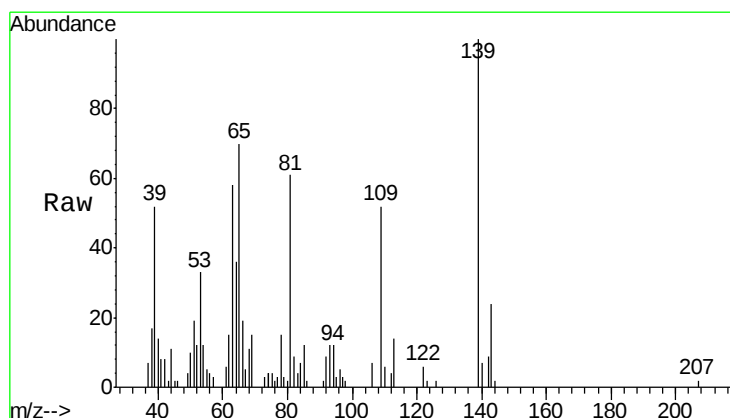
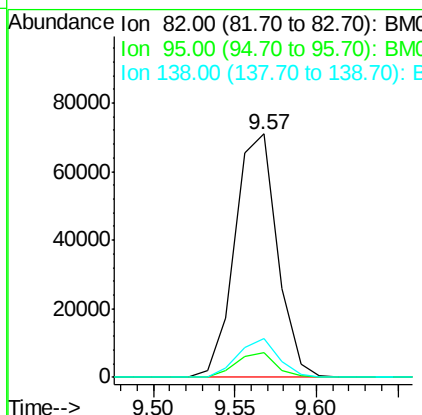
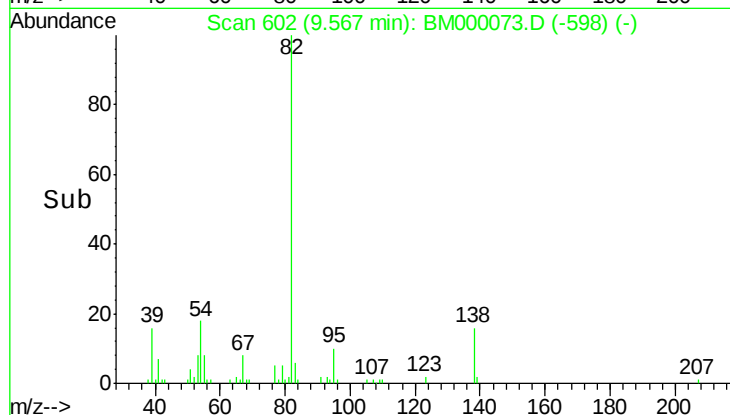
#21
Isophorone
Concen: 3.08 ng/ul
RT: 9.57 min Scan# 602
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-7

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	127726		
95	10.1	6.9	10.3	
138	15.9	12.1	18.1	

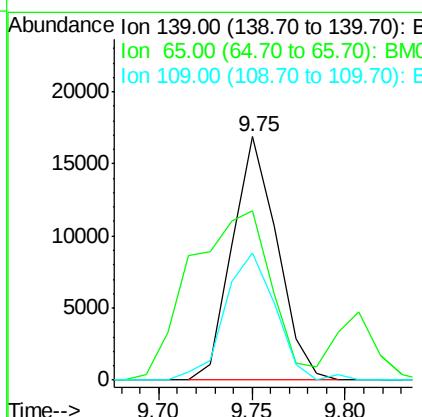
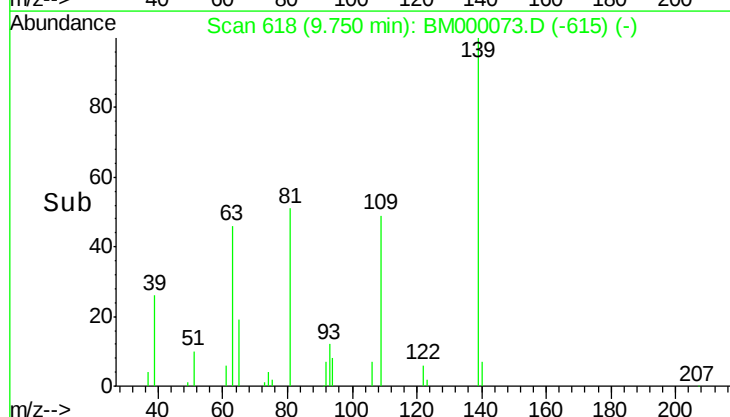
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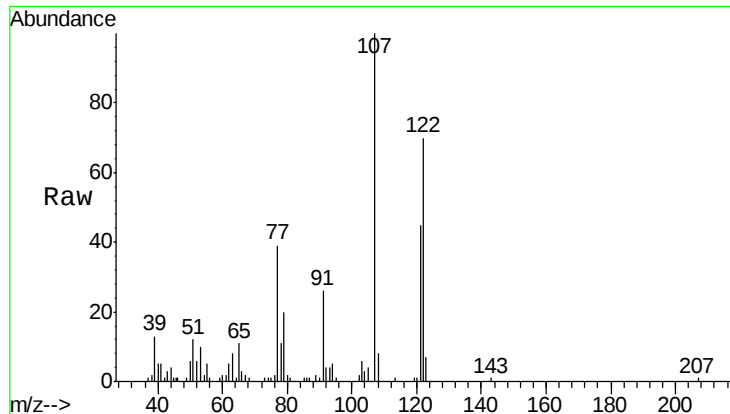
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#23
2-Nitrophenol
Concen: 3.50 ng/ul
RT: 9.75 min Scan# 618
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	28472		
65	69.8	56.3	84.5	
109	52.4	37.1	55.7	





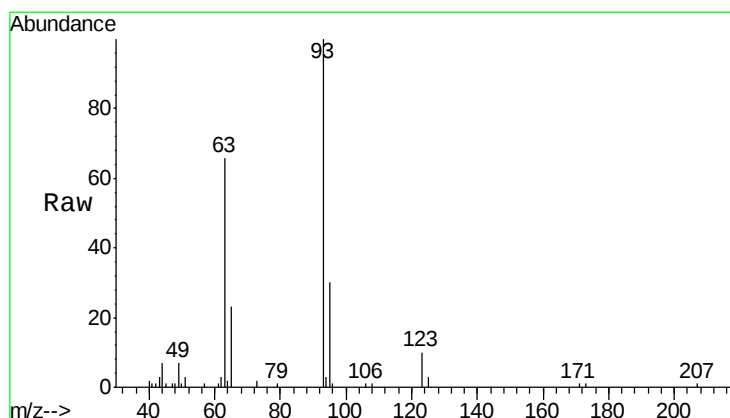
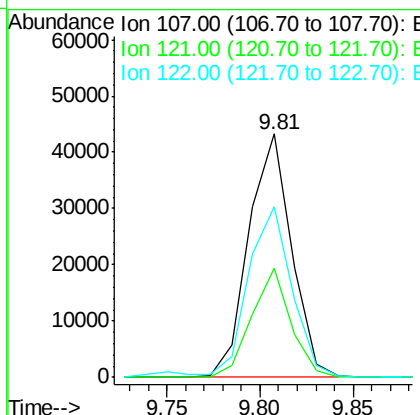
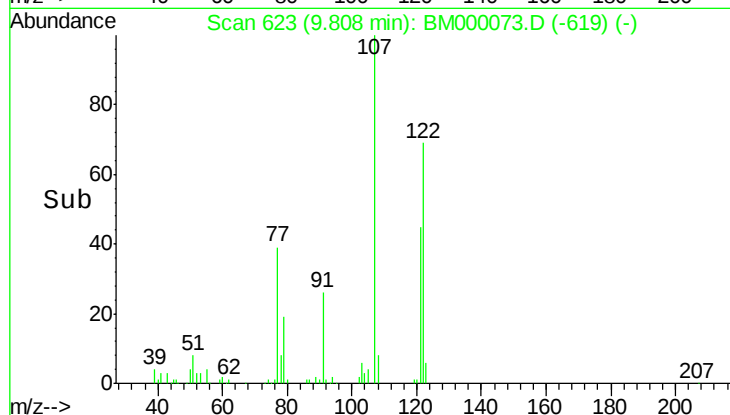
#24
 2,4-Dimethylphenol
 Concen: 3.15 ng/ul
 RT: 9.81 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-7

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	69699		
121	44.6	33.0	49.6	
122	70.2	59.3	88.9	

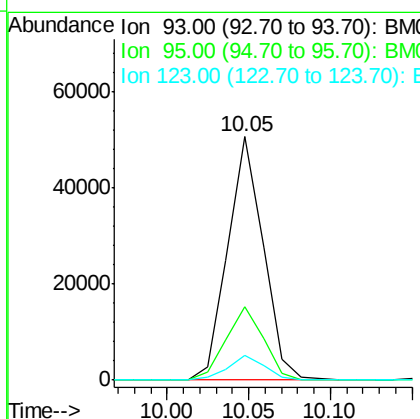
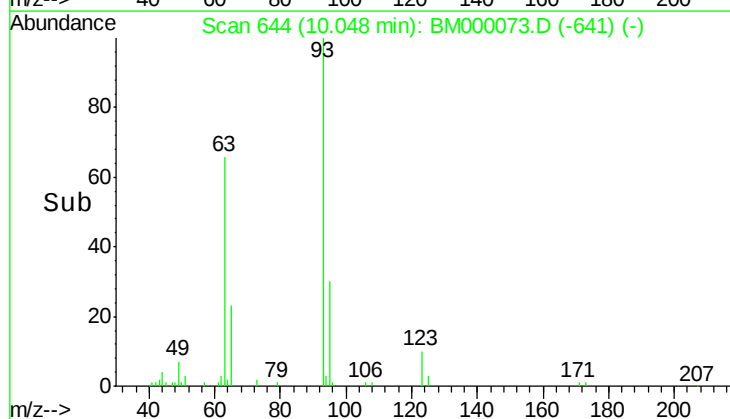
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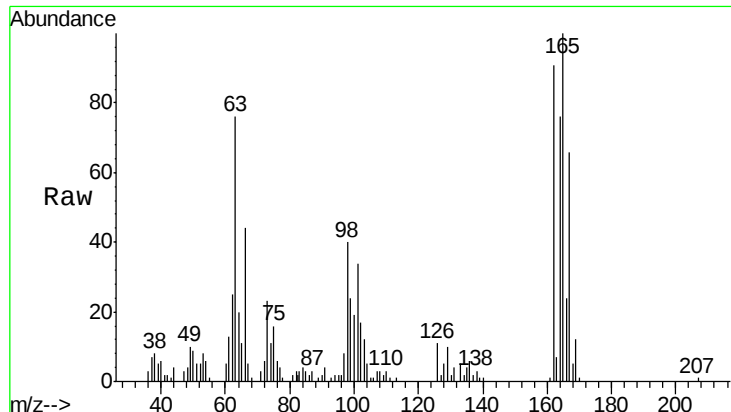
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.30 ng/ul
 RT: 10.05 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	76225		
95	30.3	26.1	39.1	
123	10.4	7.4	11.2	





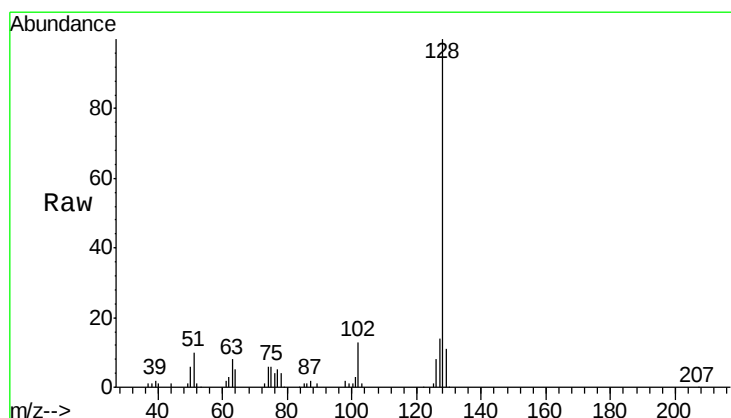
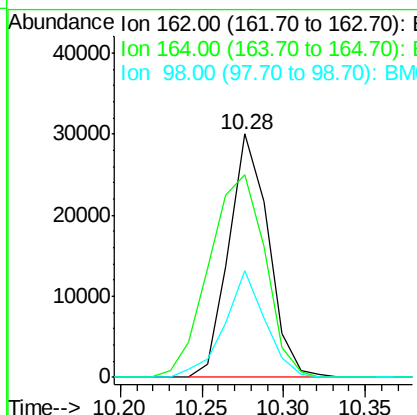
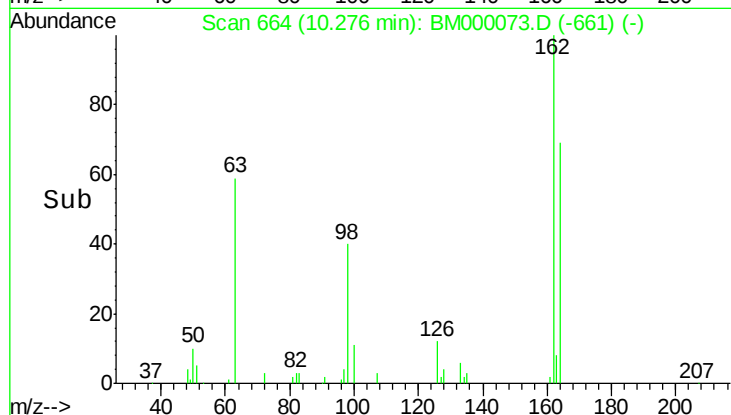
#27
 2,4-Dichlorophenol
 Concen: 3.10 ng/ul
 RT: 10.28 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-7

Tgt Ion:	162	Resp:	50382
Ion Ratio	Lower	Upper	
162	100		
164	83.0	50.2	75.4#
98	43.8	31.4	47.2

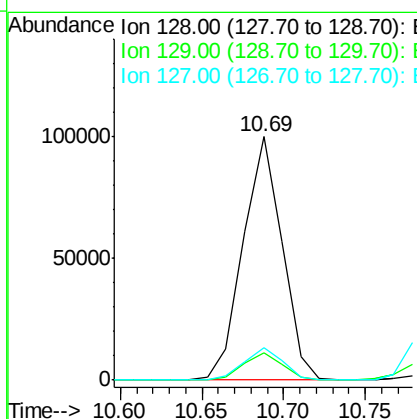
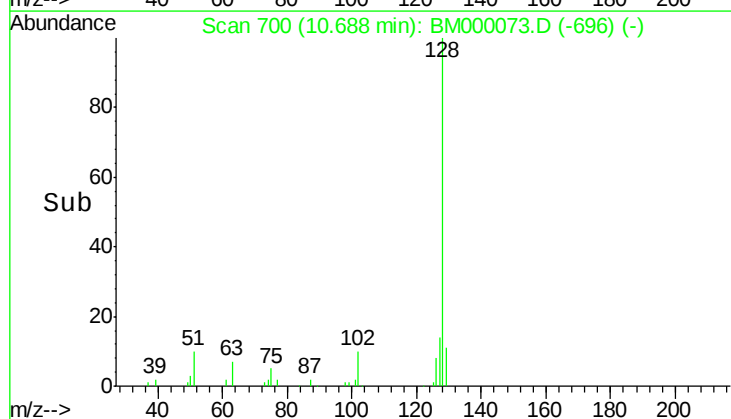
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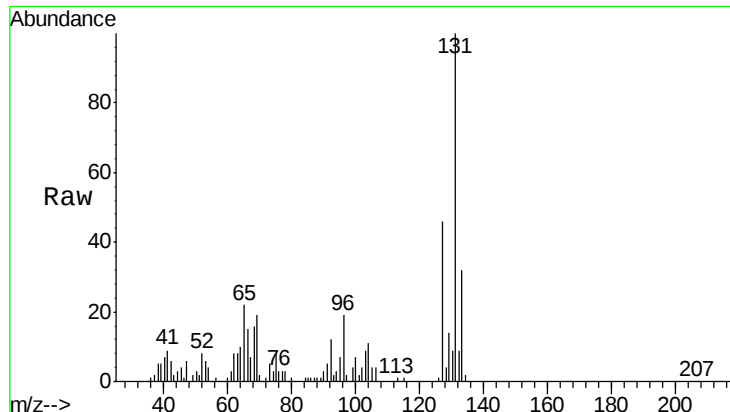
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#28
 Naphthalene
 Concen: 3.12 ng/ul
 RT: 10.69 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Tgt Ion:	128	Resp:	166258
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	13.0
127	13.5	10.3	15.5





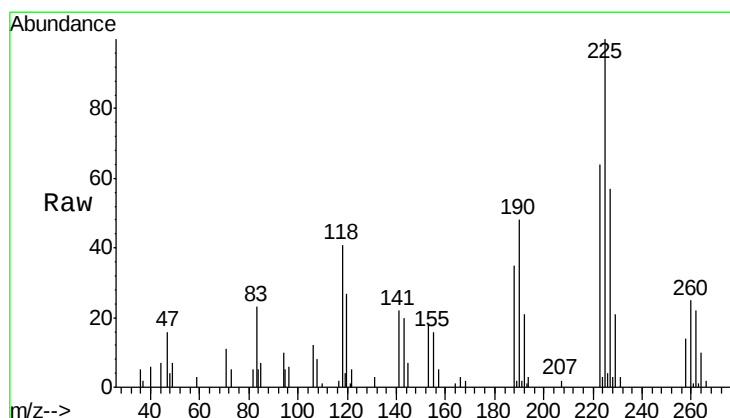
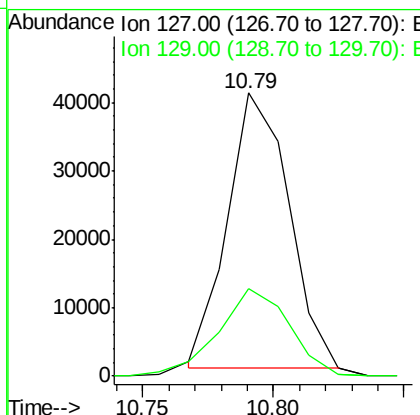
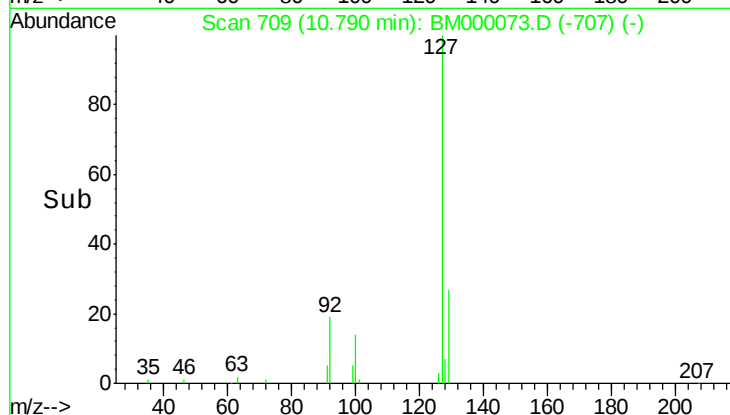
#30
 4-Chloroaniline
 Concen: 3.45 ng/ul
 RT: 10.79 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-7

Tgt Ion:127 Resp: 65949
 Ion Ratio Lower Upper
 127 100
 129 31.0 26.5 39.7

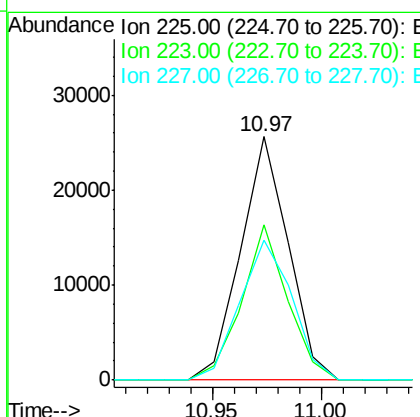
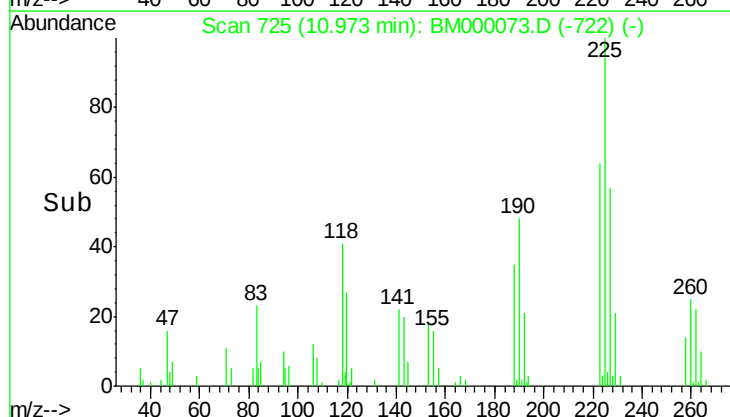
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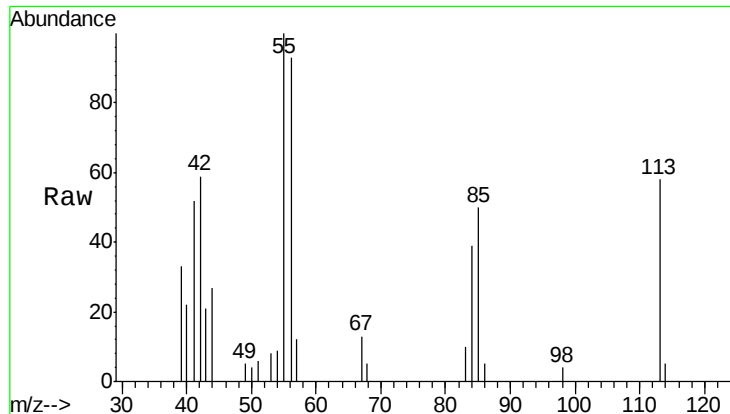
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#31
 Hexachlorobutadiene
 Concen: 3.40 ng/ul
 RT: 10.97 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Tgt Ion:225 Resp: 39133
 Ion Ratio Lower Upper
 225 100
 223 63.9 54.4 81.6
 227 57.3 51.8 77.8





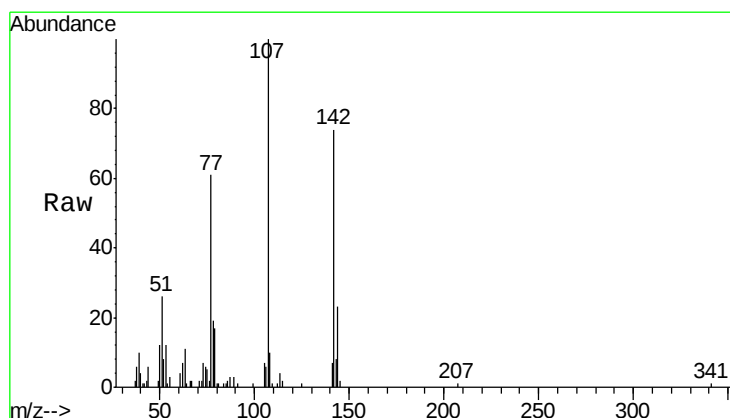
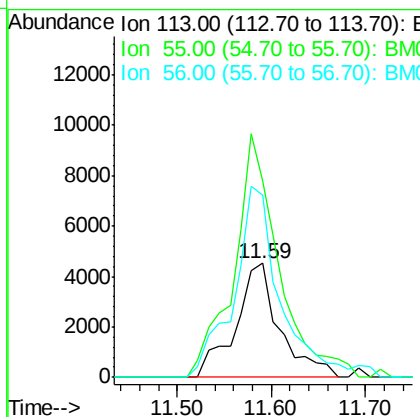
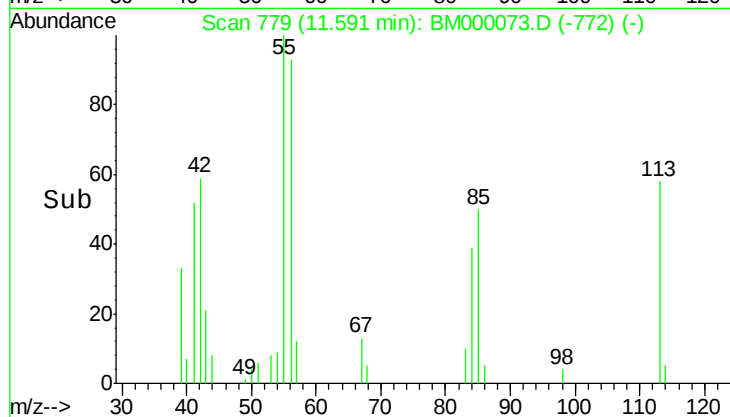
#32
 Caprolactam
 Concen: 2.71 ng/ul m
 RT: 11.59 min Scan# 779
 Delta R.T. 0.05 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-7

Tgt Ion:113 Resp: 14687
 Ion Ratio Lower Upper
 113 100
 55 172.2 156.6 234.8
 56 159.7 126.3 189.5

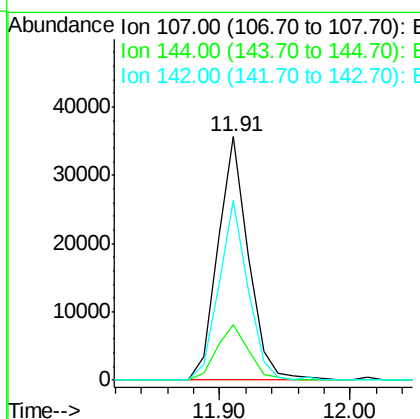
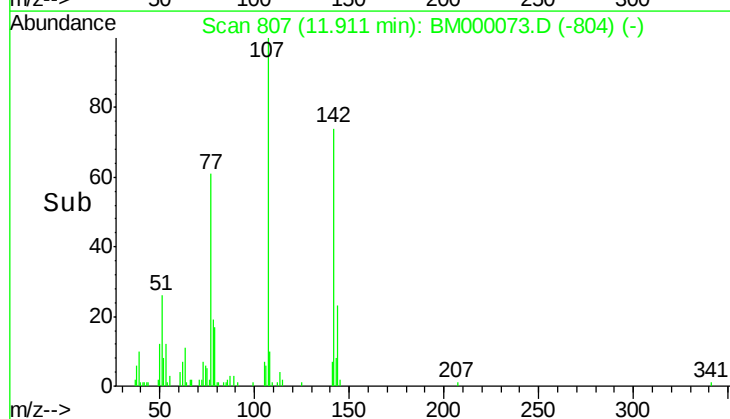
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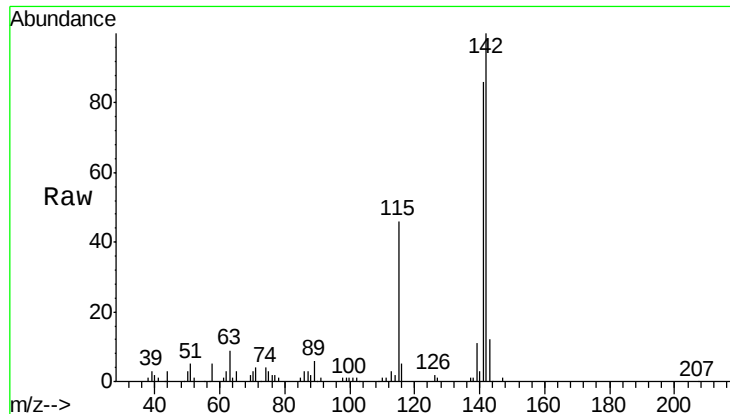
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#33
 4-Chloro-3-methylphenol
 Concen: 2.91 ng/ul
 RT: 11.91 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Tgt Ion:107 Resp: 58049
 Ion Ratio Lower Upper
 107 100
 144 22.8 16.6 24.8
 142 73.9 54.6 82.0





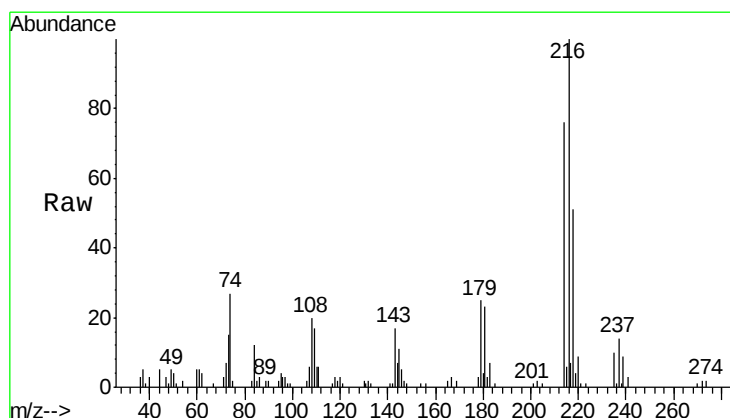
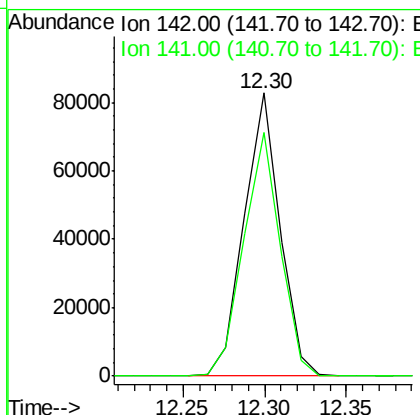
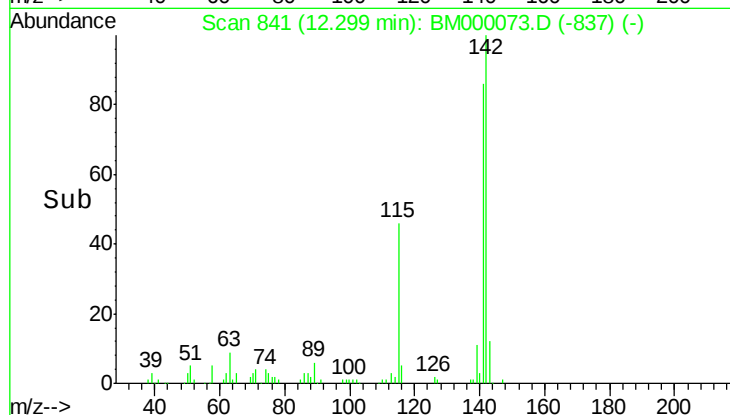
#34
 2-Methylnaphthalene
 Concen: 3.21 ng/ul
 RT: 12.30 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-7

Tgt Ion:142 Resp: 126811
 Ion Ratio Lower Upper
 142 100
 141 85.9 69.3 103.9

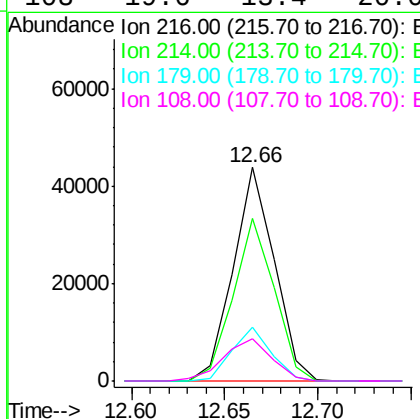
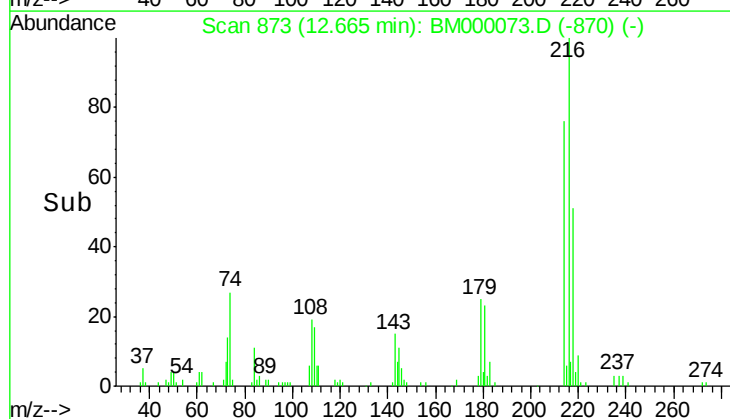
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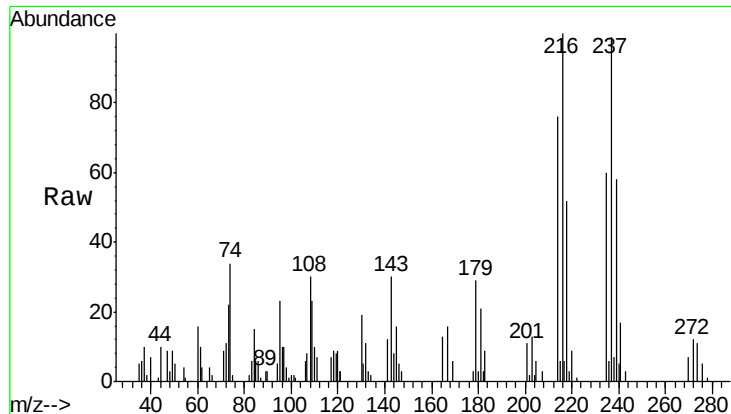
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.26 ng/ul
 RT: 12.66 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Tgt Ion:216 Resp: 67441
 Ion Ratio Lower Upper
 216 100
 214 76.3 62.6 94.0
 179 25.4 17.4 26.2
 108 19.6 13.4 20.0





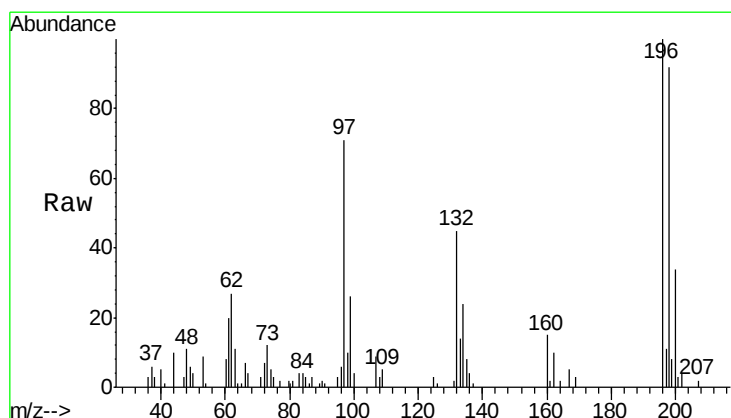
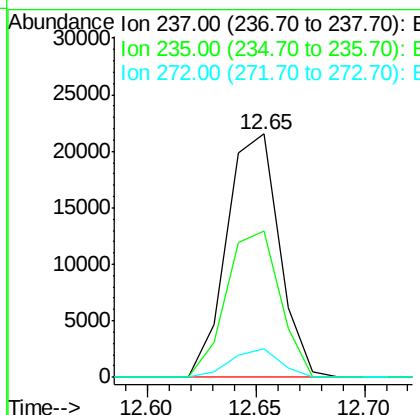
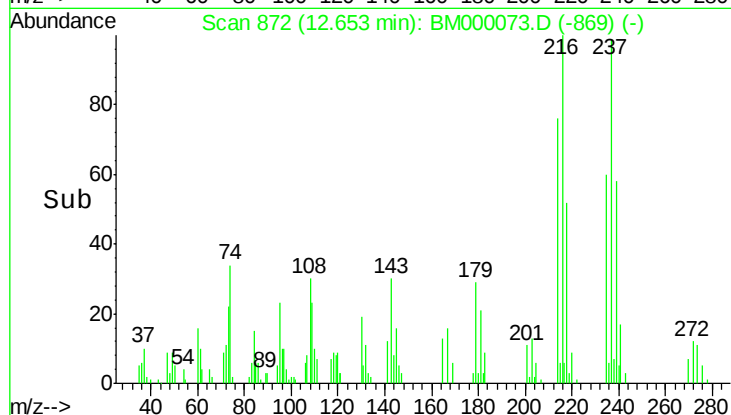
#37
Hexachlorocyclopentadiene
Concen: 2.65 ng/ul
RT: 12.65 min Scan# 872
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-7

Tgt Ion:237 Resp: 36220
Ion Ratio Lower Upper
237 100
235 60.3 50.0 75.0
272 11.9 8.9 13.3

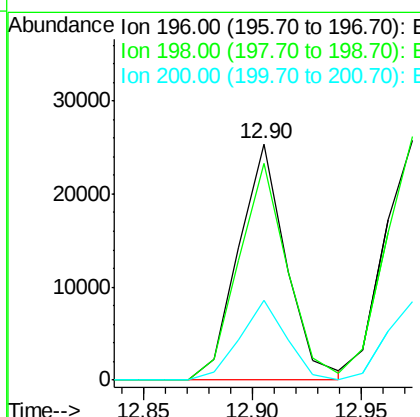
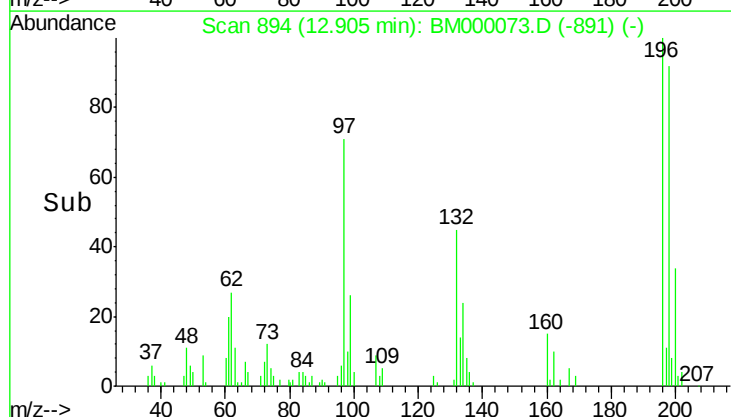
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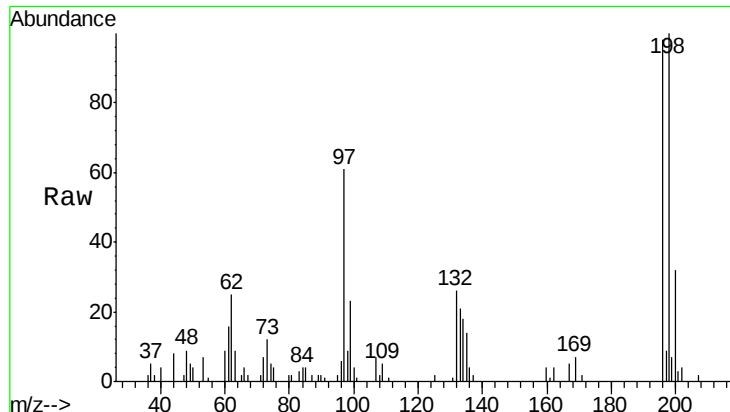
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#38
2,4,6-Trichlorophenol
Concen: 2.94 ng/ul
RT: 12.90 min Scan# 894
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Tgt Ion:196 Resp: 38796
Ion Ratio Lower Upper
196 100
198 91.7 76.6 114.8
200 33.7 24.5 36.7





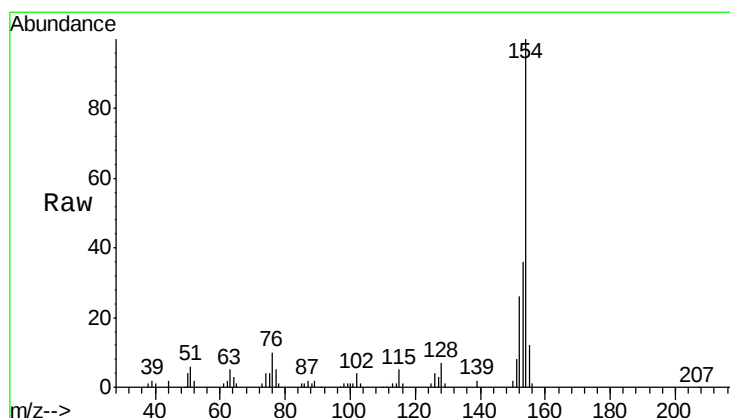
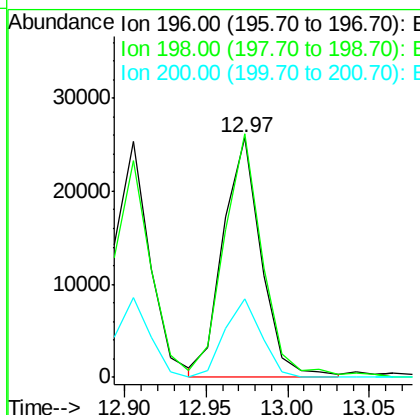
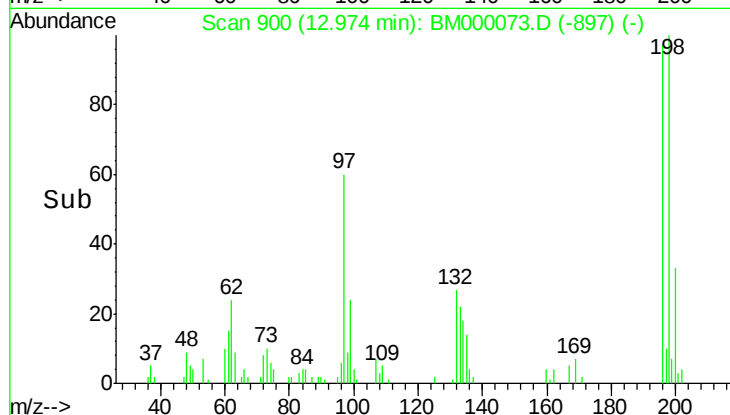
#39
 2,4,5-Trichlorophenol
 Concen: 2.91 ng/ul
 RT: 12.97 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-7

Tgt Ion:196 Resp: 41782
 Ion Ratio Lower Upper
 196 100
 198 101.8 75.4 113.2
 200 33.1 25.0 37.4

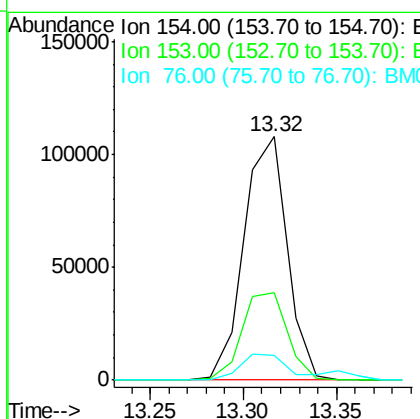
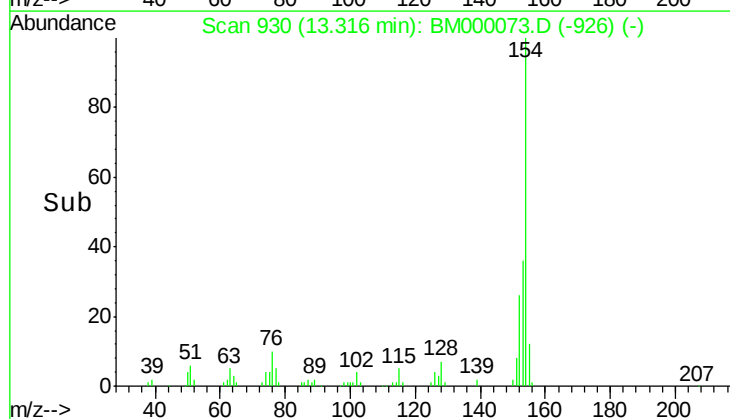
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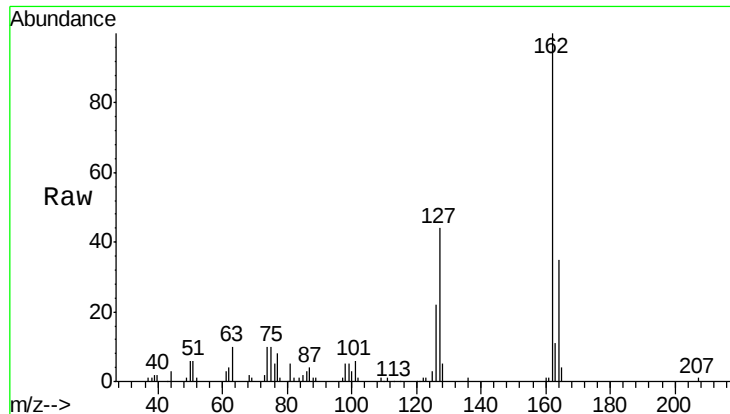
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#40
 1,1'-Biphenyl
 Concen: 3.23 ng/ul
 RT: 13.32 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Tgt Ion:154 Resp: 173683
 Ion Ratio Lower Upper
 154 100
 153 35.8 30.5 45.7
 76 10.2 8.9 13.3





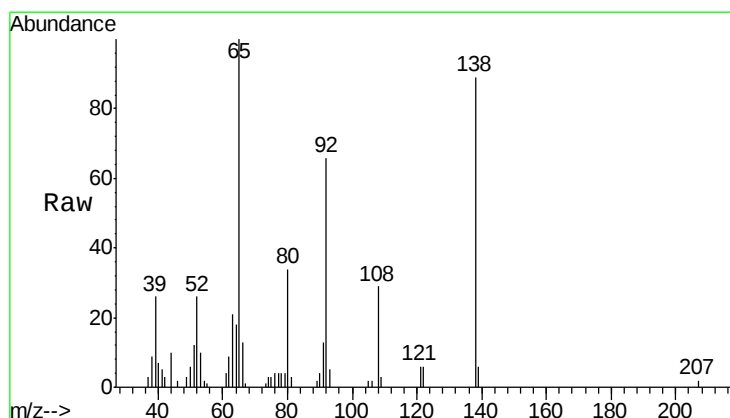
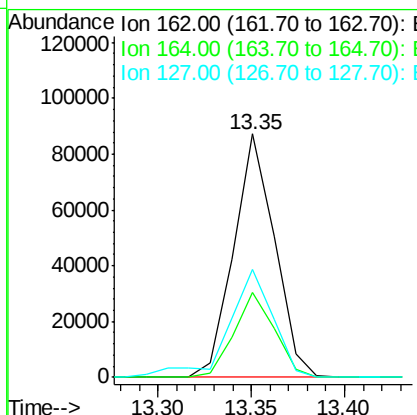
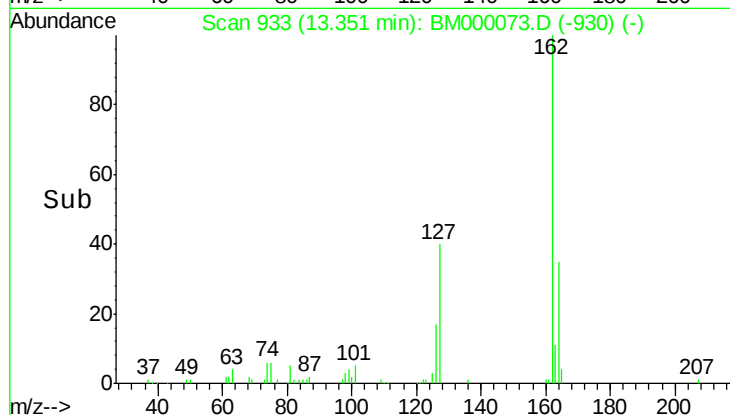
#41
 2-Chloronaphthalene
 Concen: 3.23 ng/ul
 RT: 13.35 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-7

Tgt Ion:	162	Resp:	133031
Ion Ratio	Lower	Upper	
162	100		
164	34.7	25.8	38.6
127	44.4	35.9	53.9

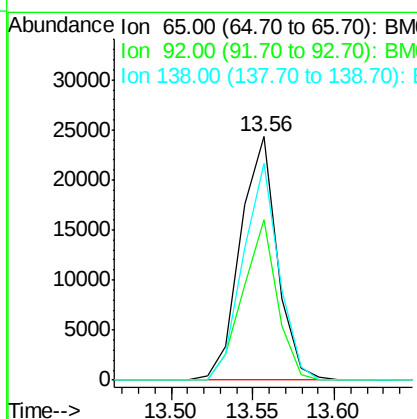
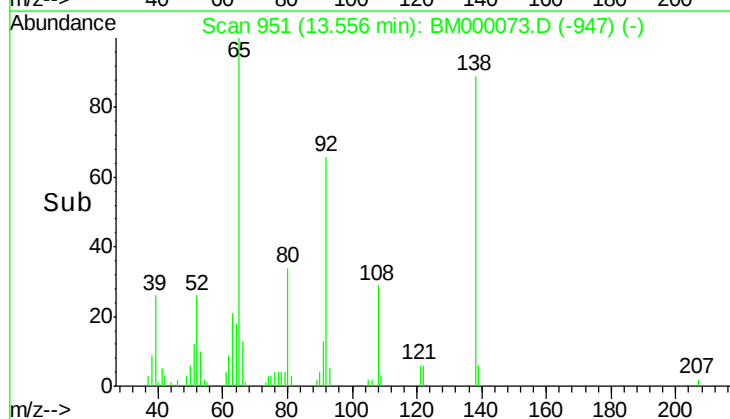
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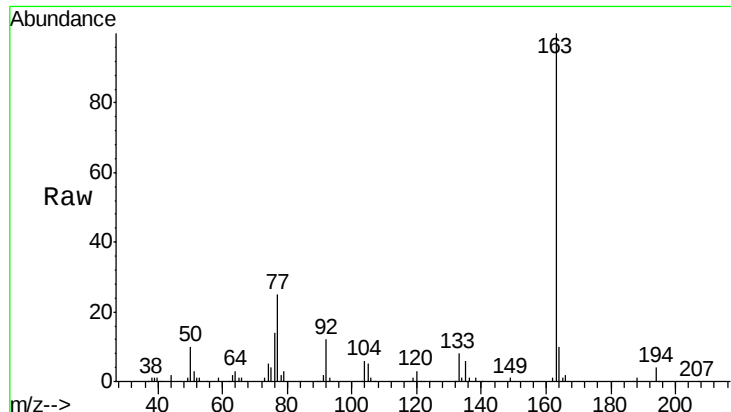
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#42
 2-Nitroaniline
 Concen: 2.84 ng/ul
 RT: 13.56 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Tgt Ion:	65	Resp:	37975
Ion Ratio	Lower	Upper	
65	100		
92	66.1	50.4	75.6
138	89.2	66.9	100.3





#44

Dimethylphthalate

Concen: 3.22 ng/ul

RT: 13.93 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM000073.D

Acq: 29 Dec 2014 23:52

Instrument :

BNA_M

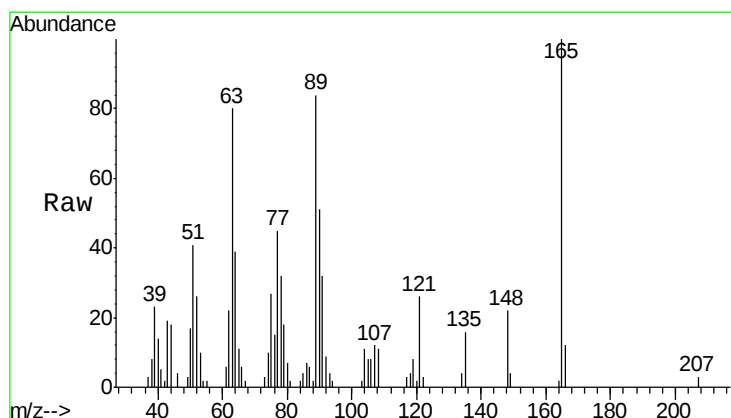
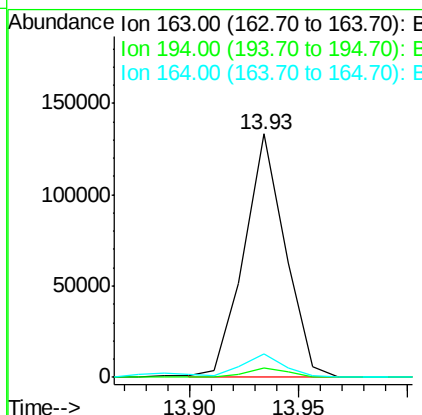
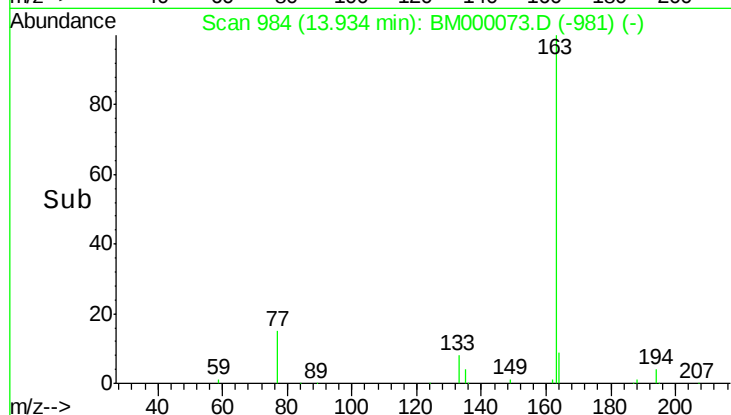
ClientSampleId :

MDL-Soil-7

Tgt Ion:	163	Resp:	176436
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.4
164	9.8	8.5	12.7

Manual Integrations
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#45

2,6-Dinitrotoluene

Concen: 2.81 ng/ul

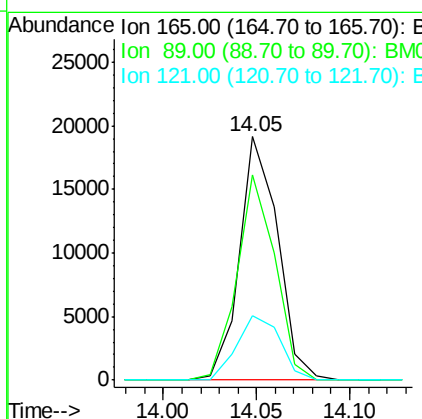
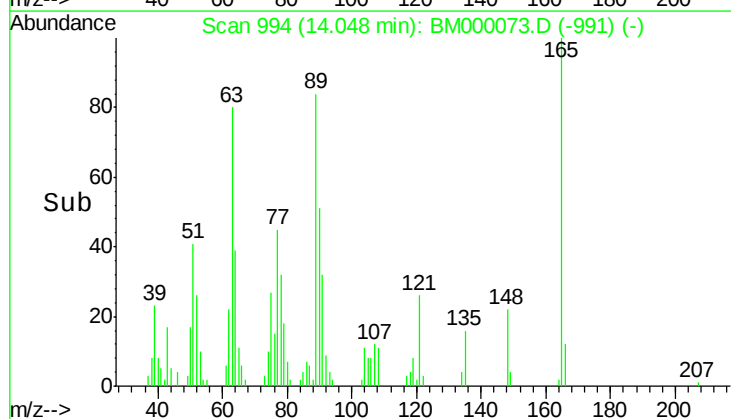
RT: 14.05 min Scan# 994

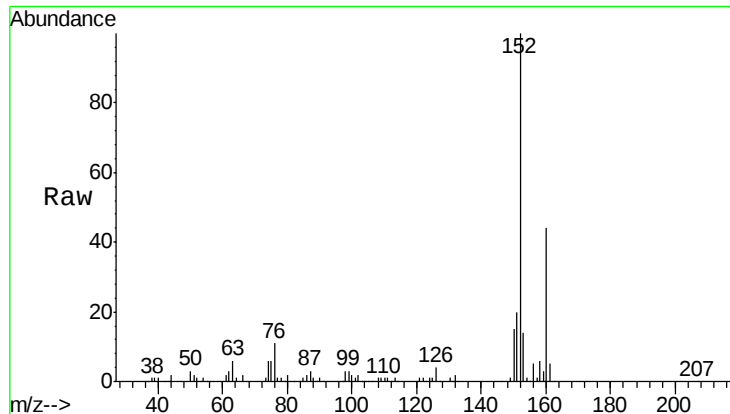
Delta R.T. -0.01 min

Lab File: BM000073.D

Acq: 29 Dec 2014 23:52

Tgt Ion:	165	Resp:	27591
Ion Ratio	Lower	Upper	
165	100		
89	84.5	54.4	81.6#
121	26.3	18.6	28.0





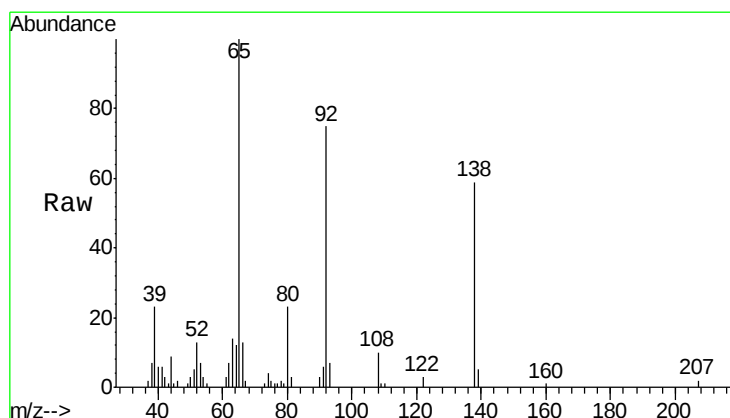
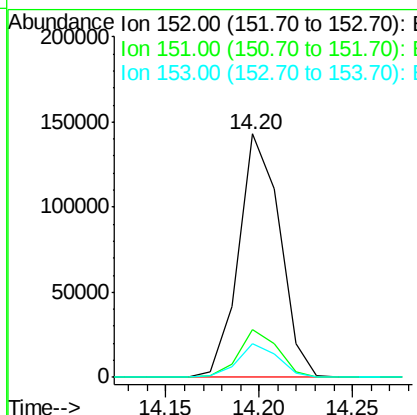
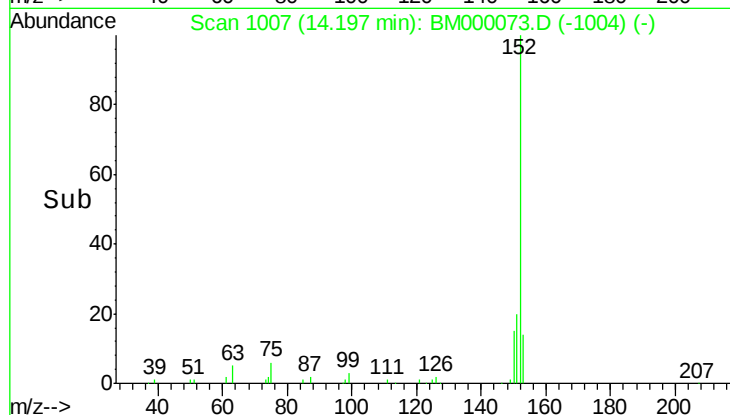
#47
 Acenaphthylene
 Concen: 3.14 ng/ul
 RT: 14.20 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-7

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	218618		
151	19.8		15.4	23.2
153	13.8		10.2	15.2

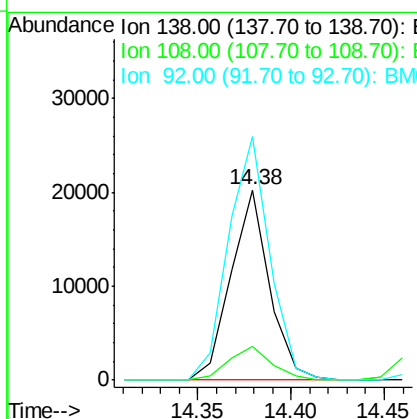
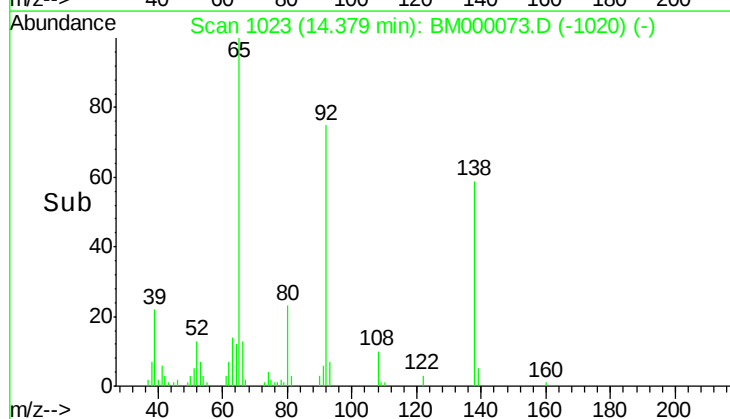
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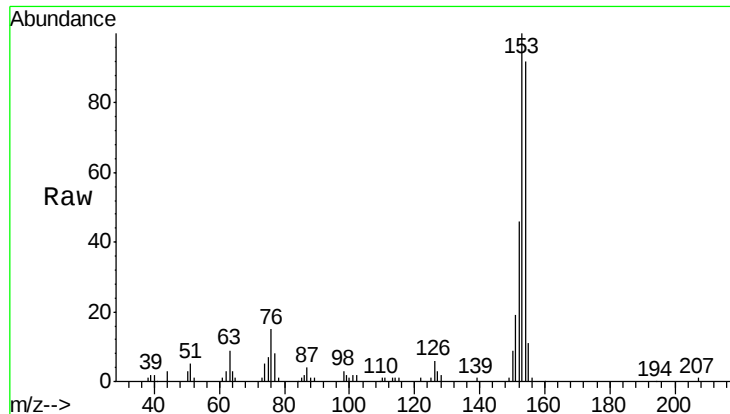
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#48
 3-Nitroaniline
 Concen: 2.93 ng/ul
 RT: 14.38 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	29389		
108	17.4		11.2	16.8#
92	127.8		110.6	165.8





#49

Acenaphthene

Concen: 3.20 ng/ul

RT: 14.54 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM000073.D

Acq: 29 Dec 2014 23:52

Instrument :

BNA_M

ClientSampleId :

MDL-Soil-7

Tgt Ion:153 Resp: 141994

Ion Ratio Lower Upper

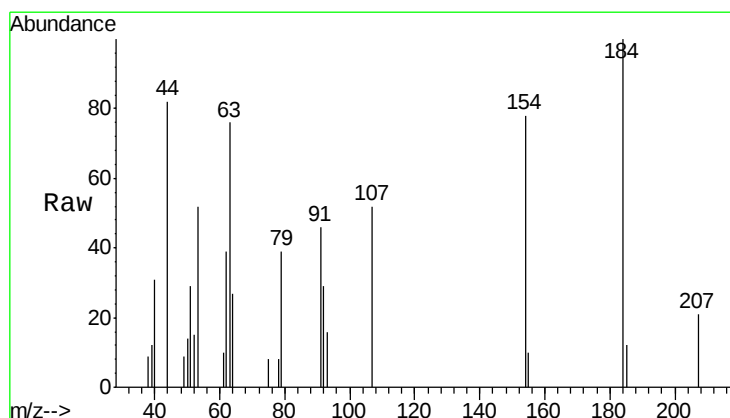
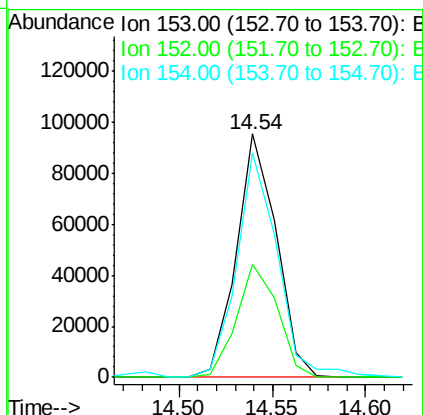
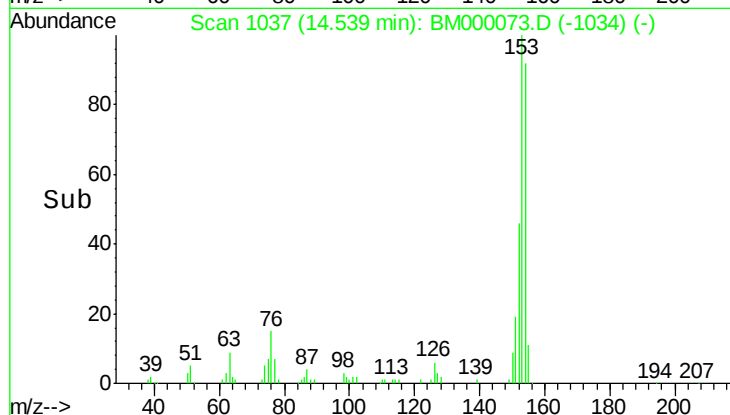
153 100

152 46.3 37.5 56.3

154 92.2 72.2 108.4

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#50

2,4-Dinitrophenol

Concen: 1.33 ng/ul

RT: 14.59 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BM000073.D

Acq: 29 Dec 2014 23:52

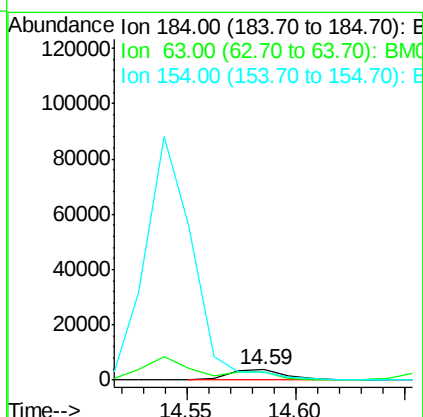
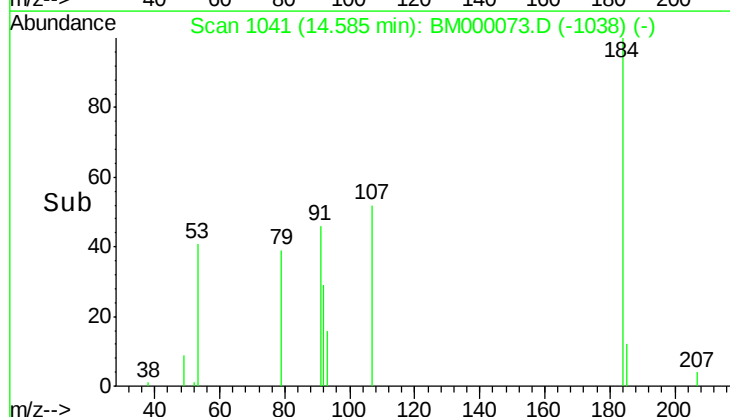
Tgt Ion:184 Resp: 6644

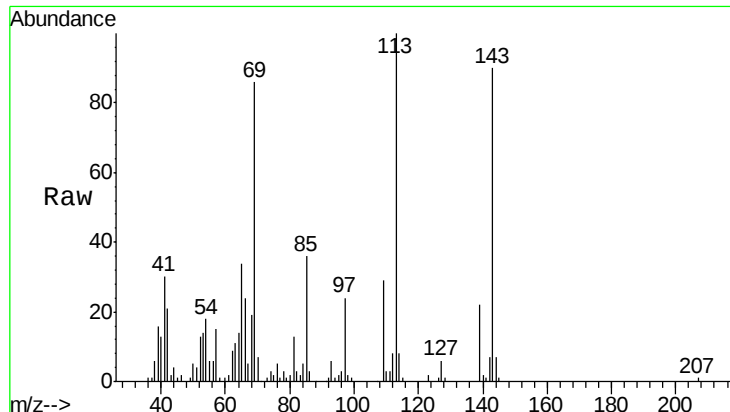
Ion Ratio Lower Upper

184 100

63 75.9 56.1 84.1

154 77.7 68.2 102.4





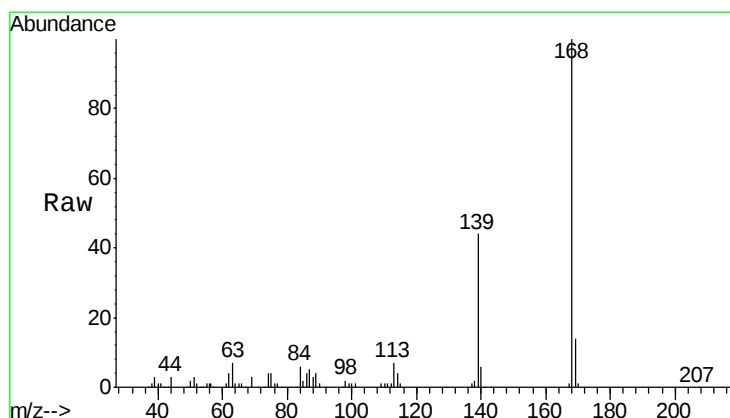
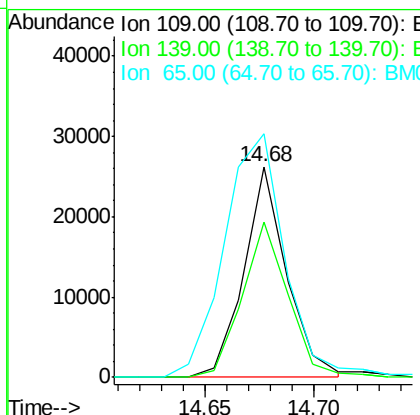
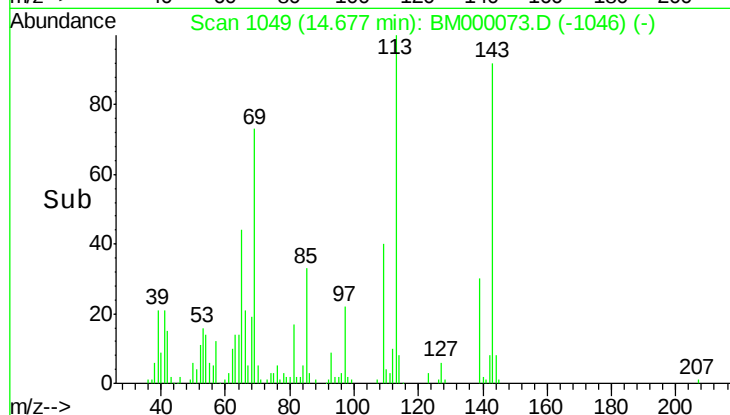
#52
4-Nitrophenol
Concen: 3.03 ng/ul
RT: 14.68 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-7

Tgt Ion:109 Resp: 35799
Ion Ratio Lower Upper
109 100
139 73.9 62.5 93.7
65 115.7 88.7 133.1

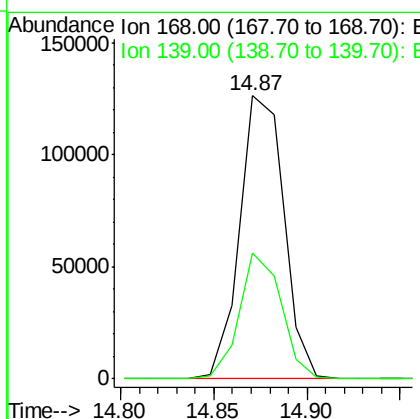
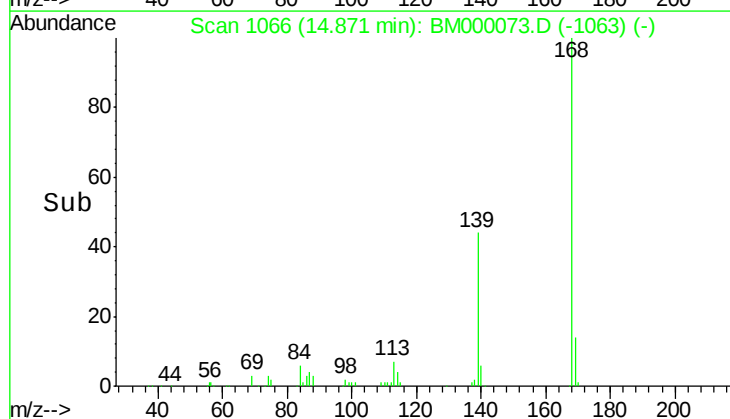
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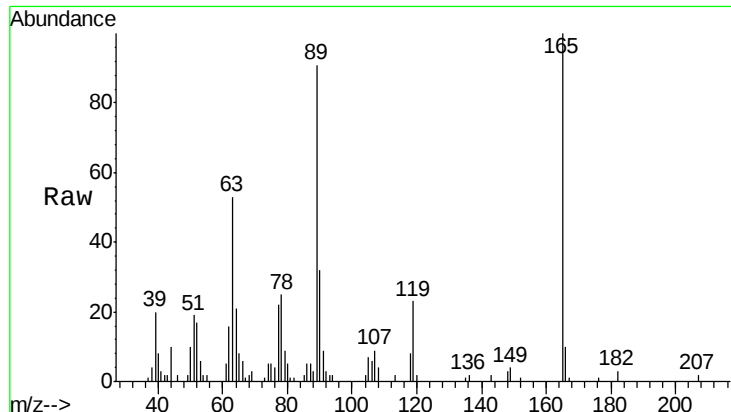
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#53
Dibenzofuran
Concen: 3.24 ng/ul
RT: 14.87 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Tgt Ion:168 Resp: 207914
Ion Ratio Lower Upper
168 100
139 44.5 33.6 50.4





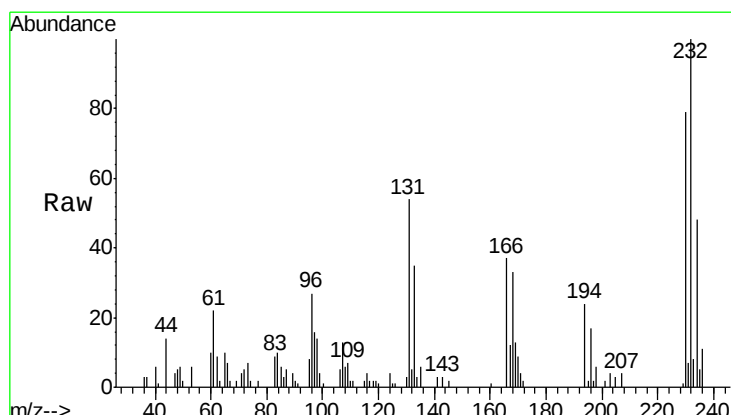
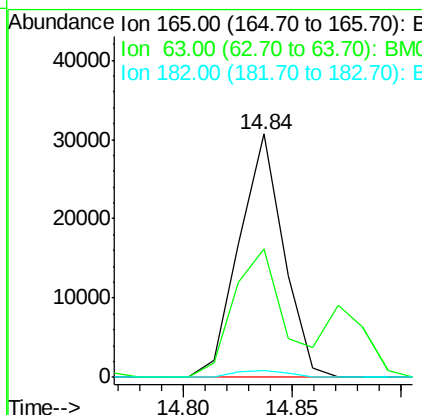
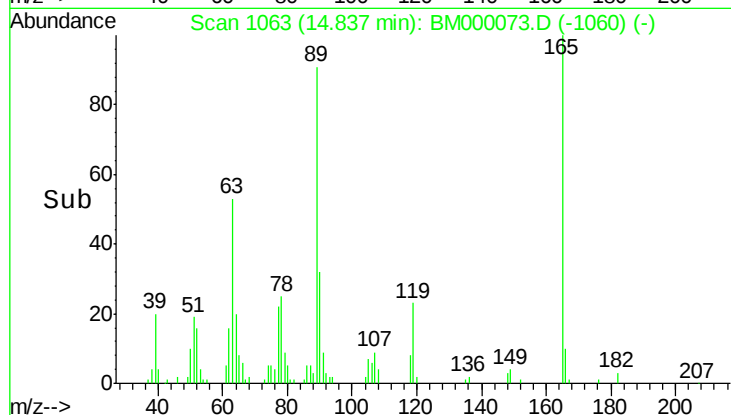
#54
 2,4-Dinitrotoluene
 Concen: 2.98 ng/ul
 RT: 14.84 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-7

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.6	48.8	73.2
182	2.7	2.1	3.1

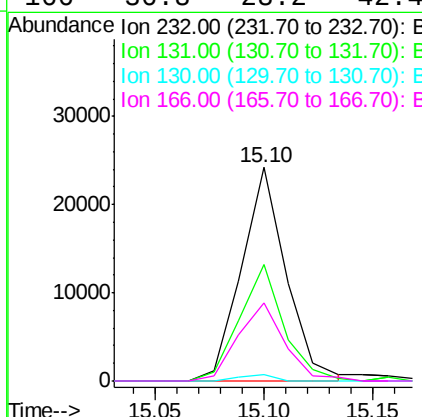
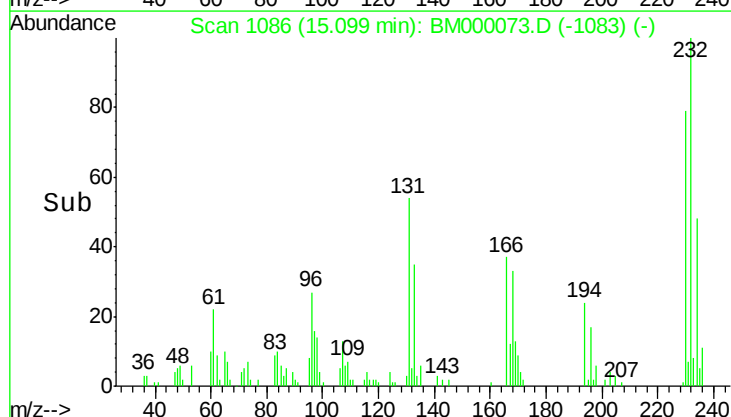
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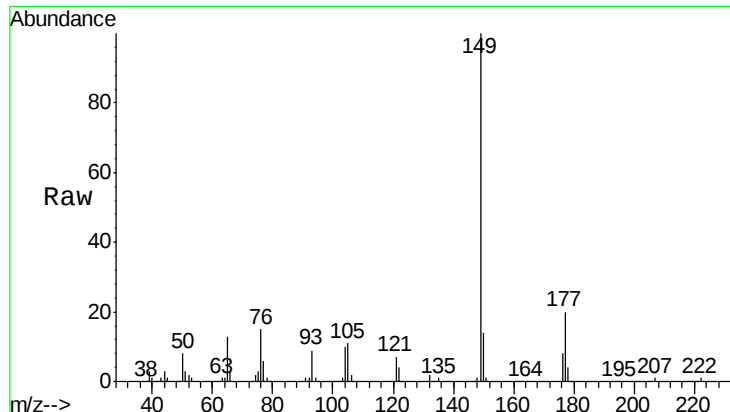
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.80 ng/ul
 RT: 15.10 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.3	43.4	65.0
130	3.1	2.7	4.1
166	36.8	28.2	42.4





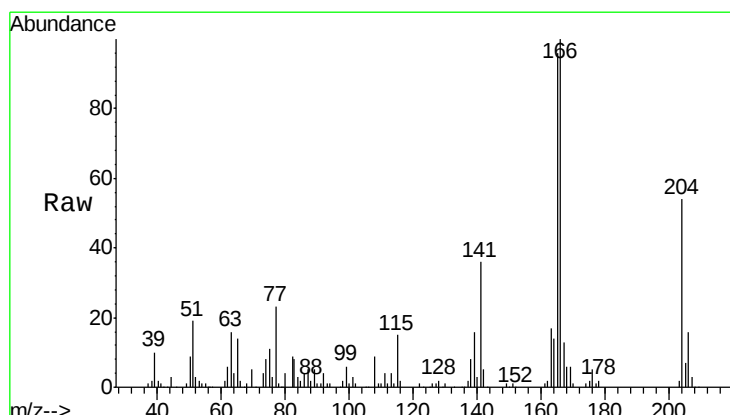
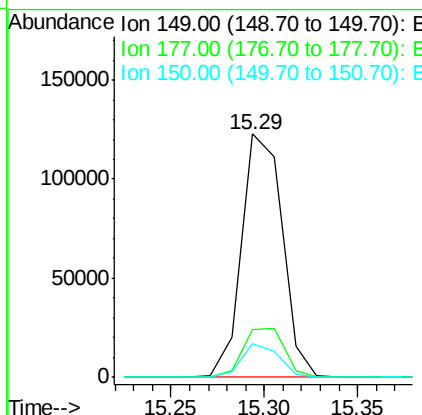
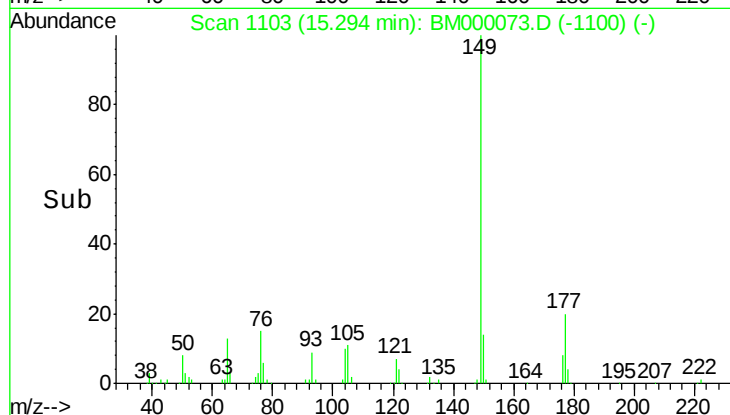
#56
Diethylphthalate
Concen: 3.23 ng/ul
RT: 15.29 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-7

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	185822		
177	19.6	17.4	26.2	
150	13.6	10.5	15.7	

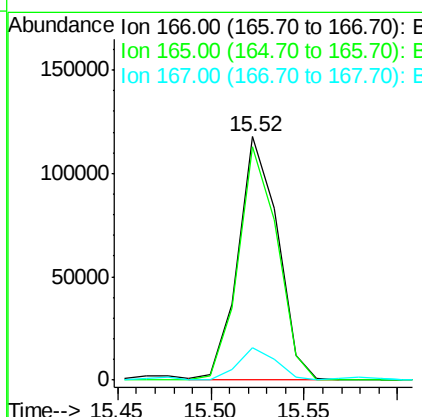
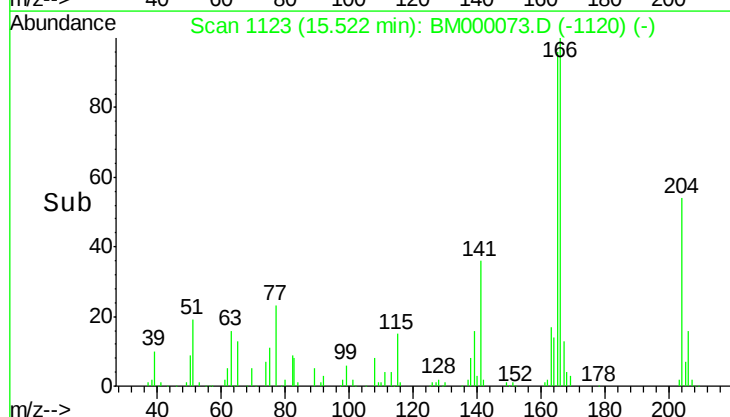
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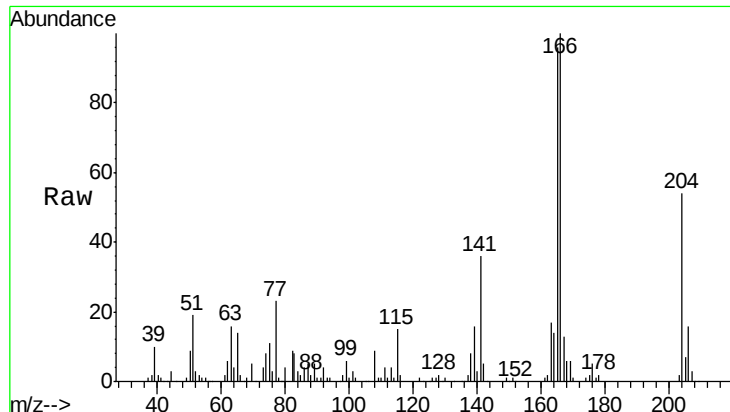
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#58
Fluorene
Concen: 3.26 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	173573		
165	95.8	76.0	114.0	
167	13.3	10.2	15.4	





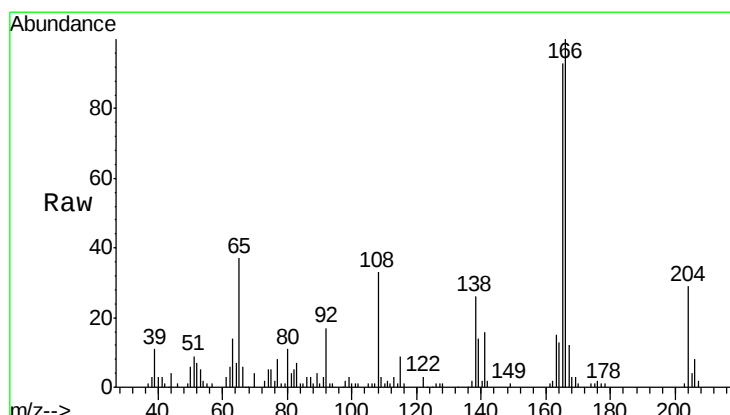
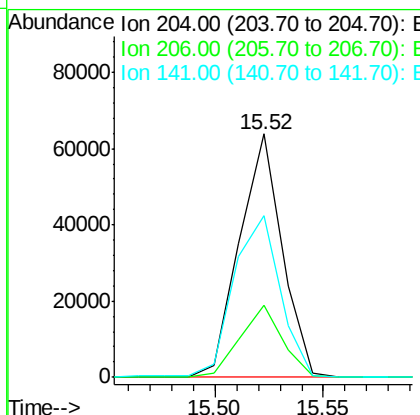
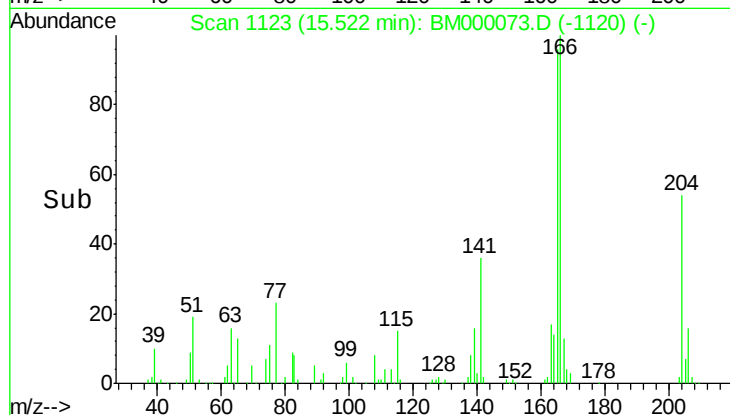
#59
 4-Chlorophenyl-phenylether
 Concen: 3.32 ng/ul
 RT: 15.52 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-7

Tgt Ion:204 Resp: 87165
 Ion Ratio Lower Upper
 204 100
 206 29.8 25.8 38.8
 141 66.2 61.3 91.9

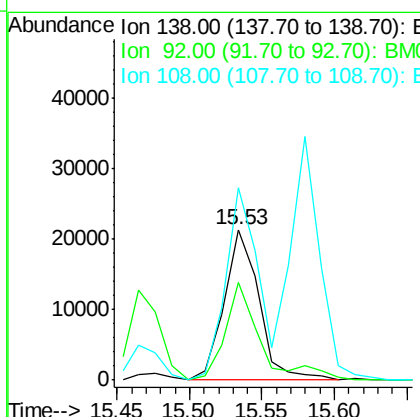
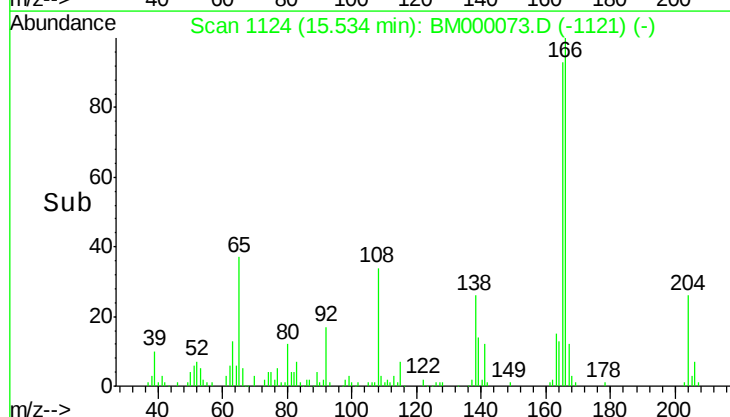
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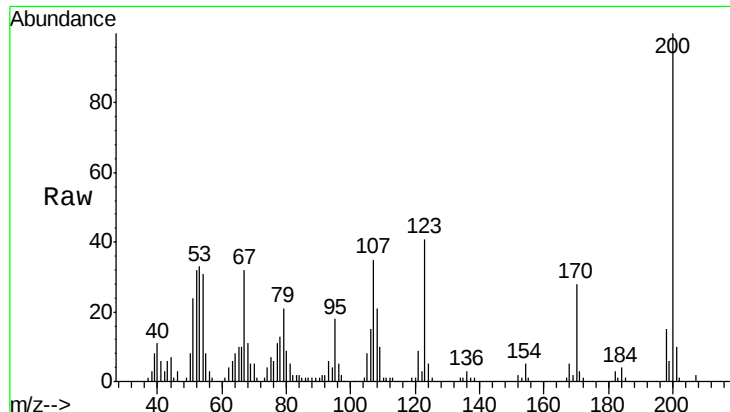
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#60
 4-Nitroaniline
 Concen: 3.14 ng/ul
 RT: 15.53 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Tgt Ion:138 Resp: 35621
 Ion Ratio Lower Upper
 138 100
 92 64.8 49.3 73.9
 108 127.8 110.3 165.5





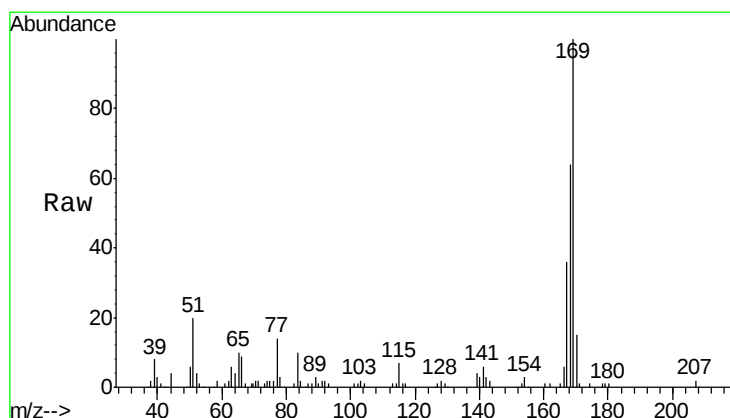
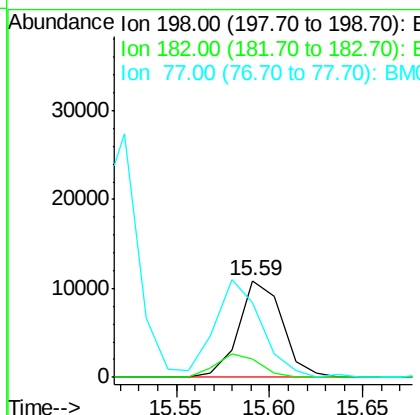
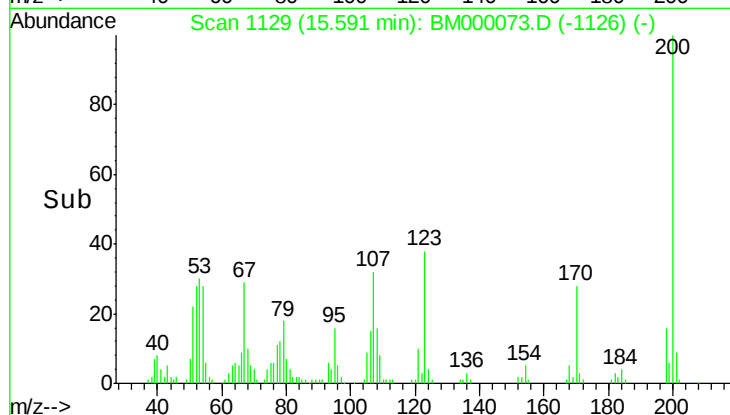
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.33 ng/ul
 RT: 15.59 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-7

Tgt Ion:198 Resp: 17643
 Ion Ratio Lower Upper
 198 100
 182 18.8 2.6 4.0#
 77 77.7 25.2 37.8#

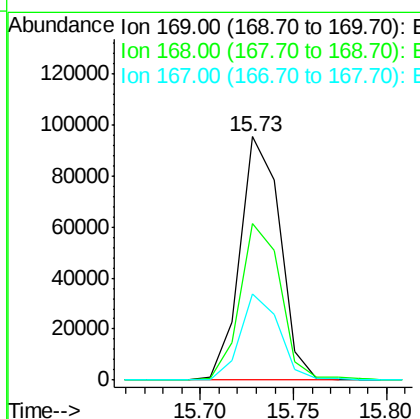
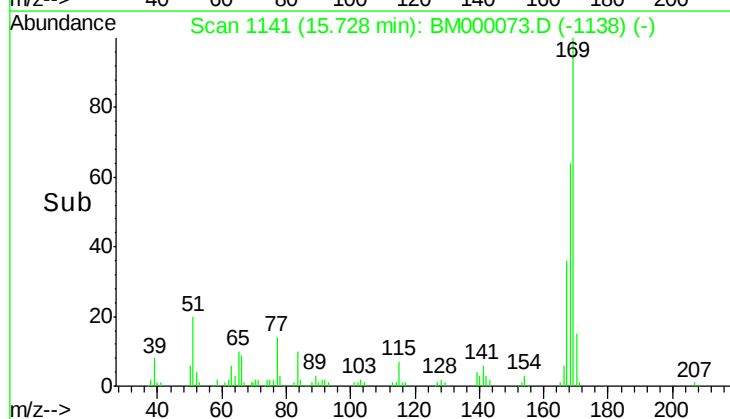
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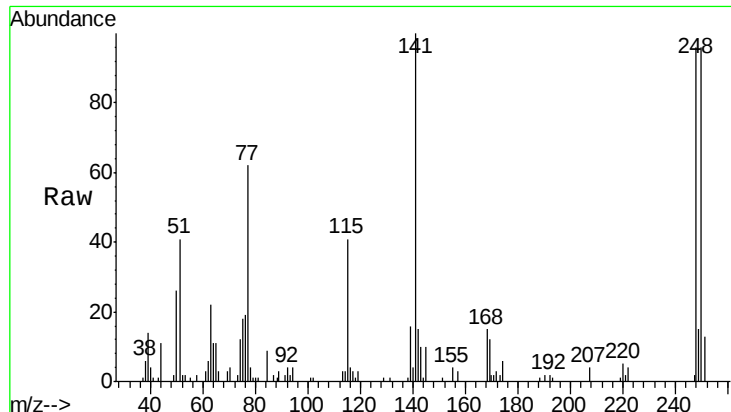
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#64
 N-Nitrosodiphenylamine
 Concen: 3.32 ng/ul
 RT: 15.73 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Tgt Ion:169 Resp: 143774
 Ion Ratio Lower Upper
 169 100
 168 64.2 51.8 77.6
 167 35.6 28.1 42.1





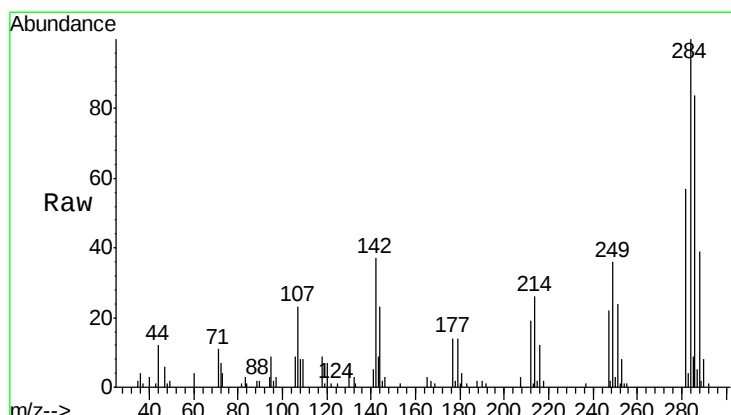
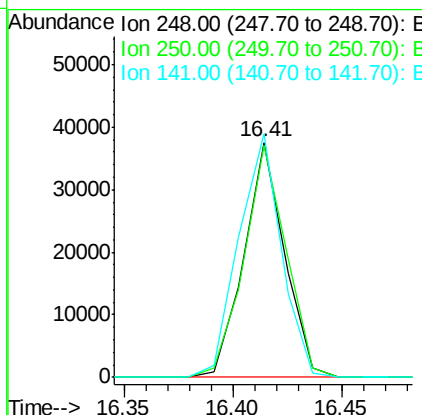
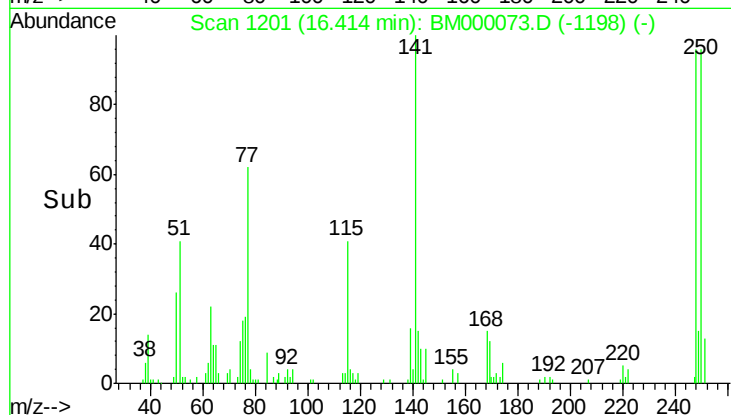
#65
 4-Bromophenyl-phenylether
 Concen: 3.20 ng/ul
 RT: 16.41 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-7

Tgt Ion:	248	Resp:	48669
Ion Ratio	Lower	Upper	
248	100		
250	99.1	78.4	117.6
141	103.8	67.0	100.4#

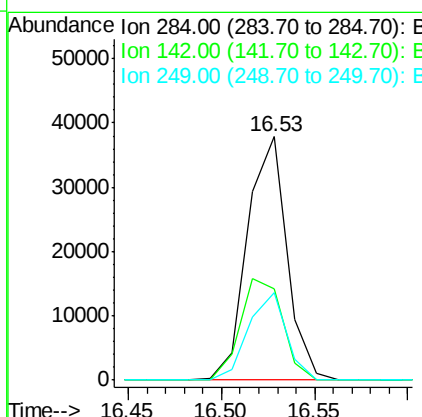
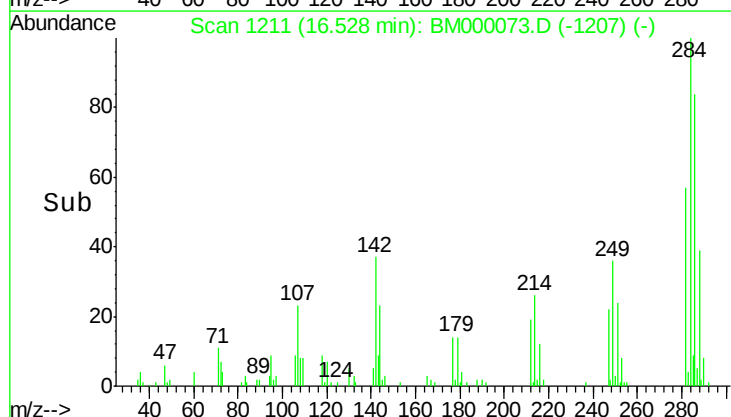
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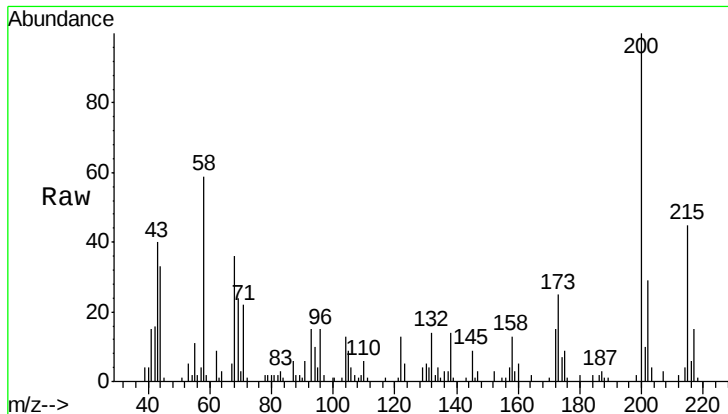
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#66
 Hexachlorobenzene
 Concen: 3.22 ng/ul
 RT: 16.53 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Tgt Ion:	284	Resp:	56531
Ion Ratio	Lower	Upper	
284	100		
142	37.3	32.4	48.6
249	36.1	26.7	40.1





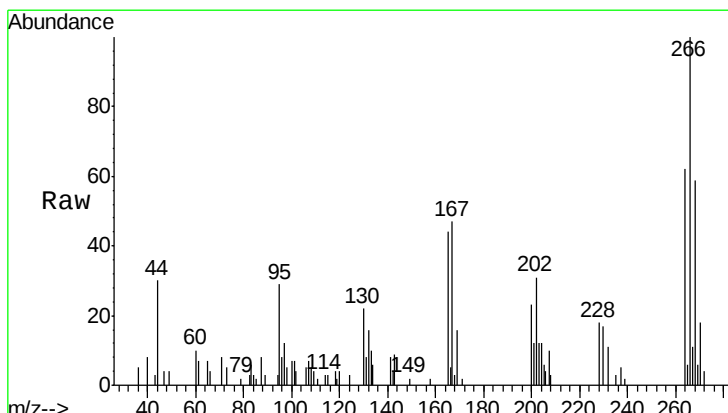
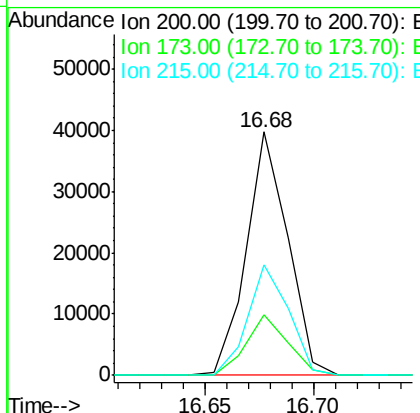
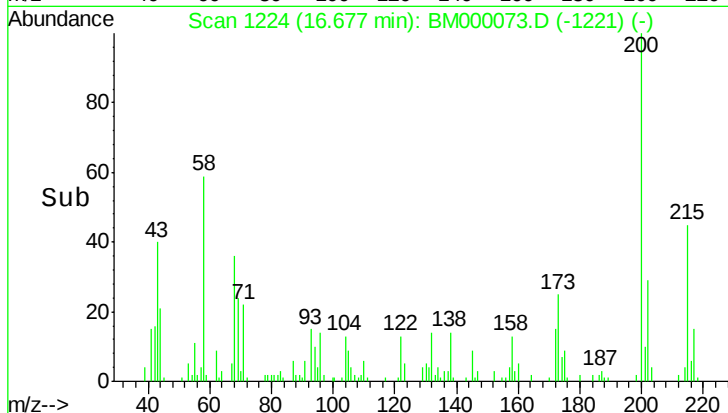
#67
Atrazine
Concen: 3.08 ng/ul
RT: 16.68 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-7

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.0	19.5	29.3
215	45.3	36.6	54.8

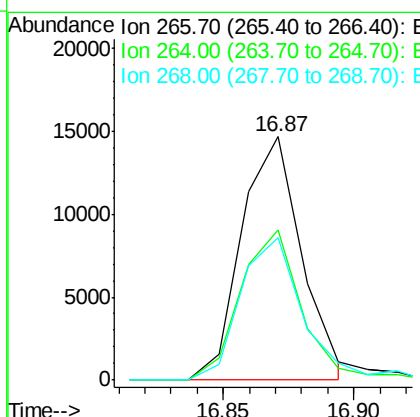
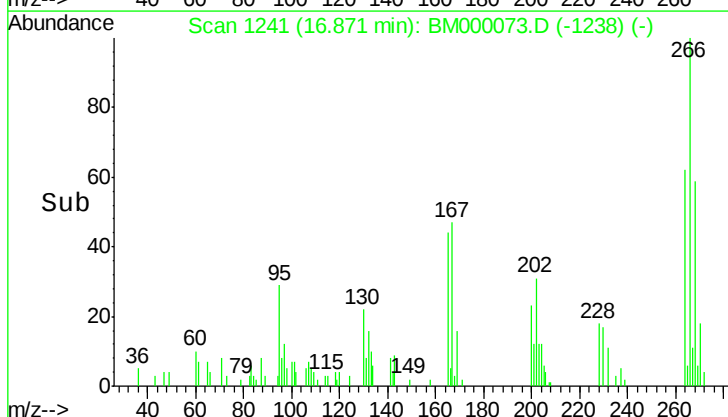
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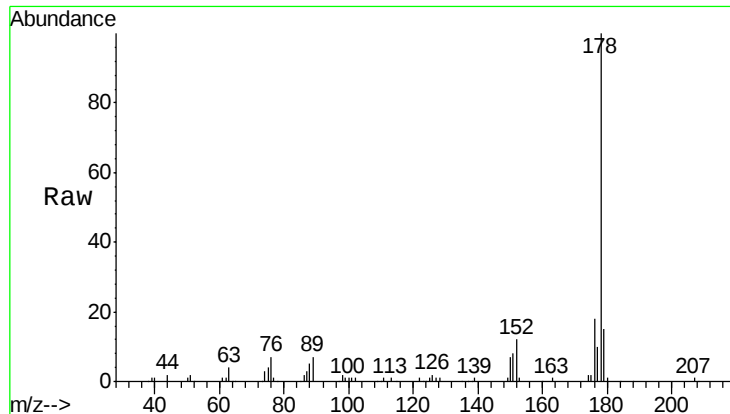
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#68
Pentachlorophenol
Concen: 2.22 ng/ul
RT: 16.87 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.8	49.8	74.6
268	58.5	48.2	72.4





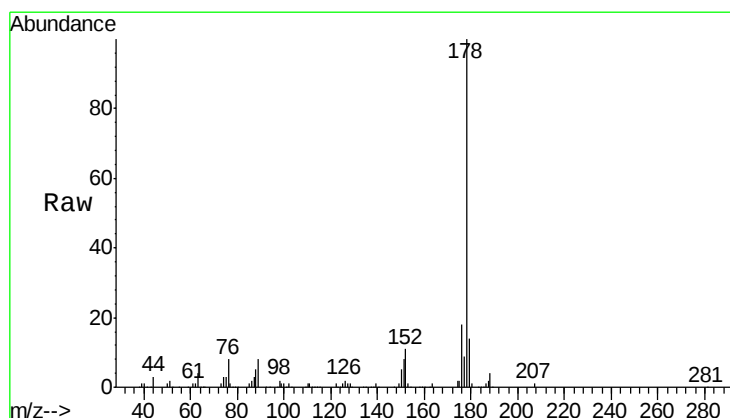
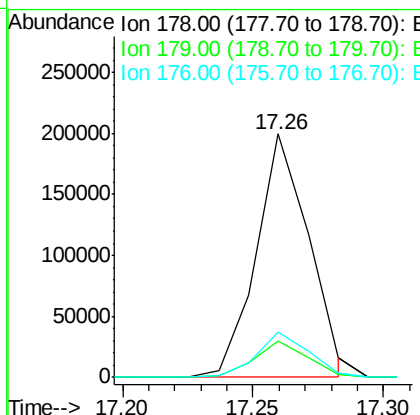
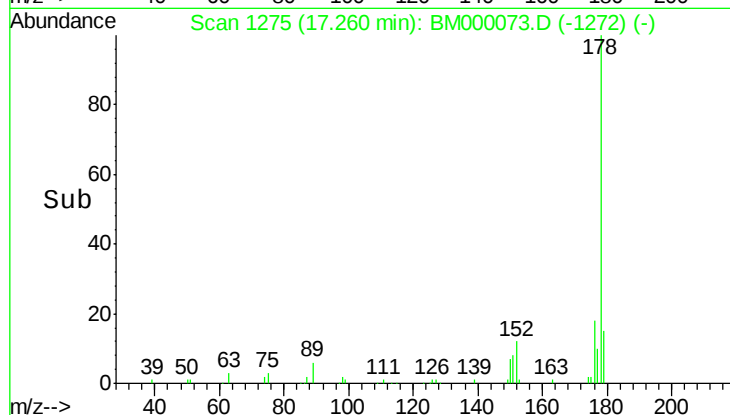
#69
Phenanthrene
Concen: 3.42 ng/ul
RT: 17.26 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-7

Tgt Ion:178 Resp: 276661
Ion Ratio Lower Upper
178 100
179 15.0 11.6 17.4
176 18.3 14.6 22.0

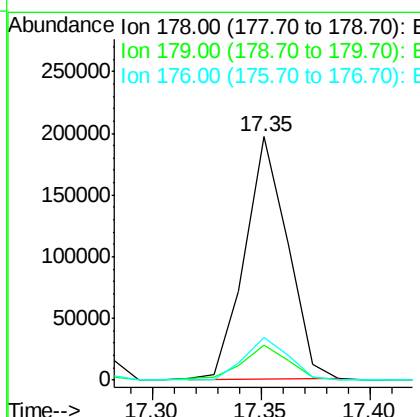
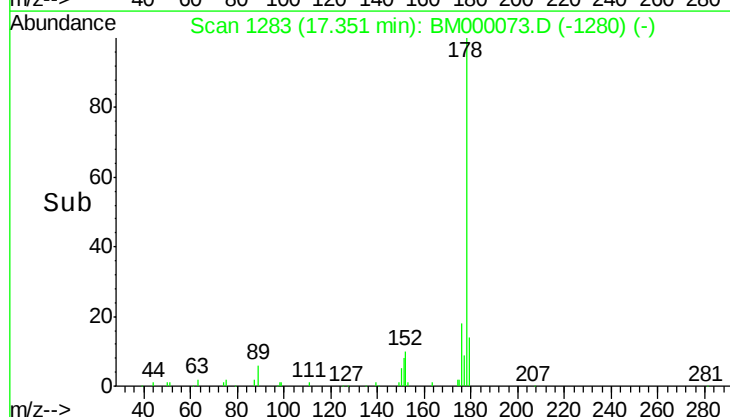
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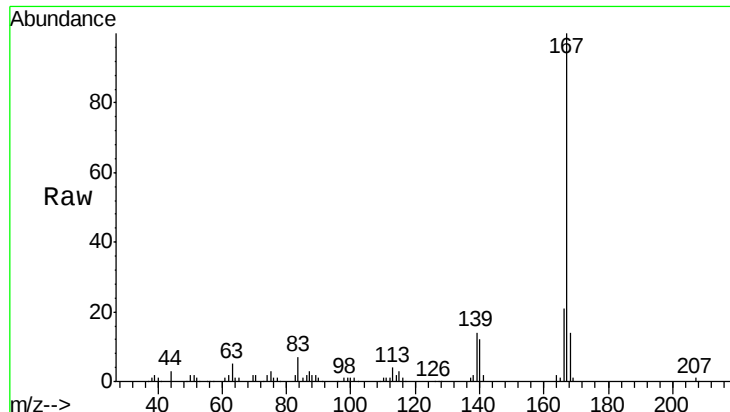
TEJASKUMAR
1/7/2015 9:20:59 AM



#71
Anthracene
Concen: 3.24 ng/ul
RT: 17.35 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Tgt Ion:178 Resp: 269130
Ion Ratio Lower Upper
178 100
179 14.3 12.6 18.8
176 17.6 14.6 21.8





#72

Carbazole

Concen: 3.23 ng/ul

RT: 17.61 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM000073.D

Acq: 29 Dec 2014 23:52

Instrument :

BNA_M

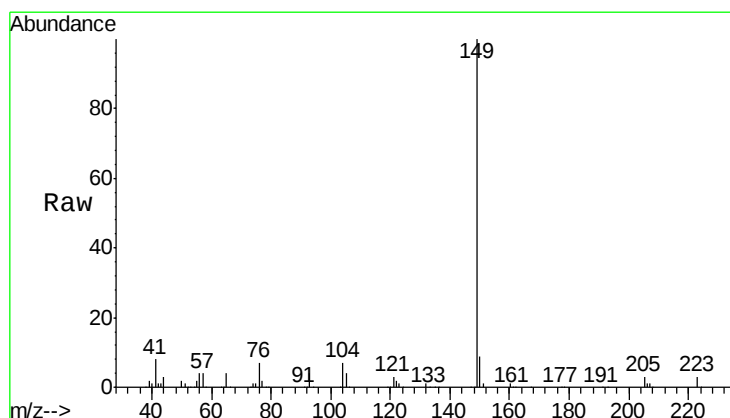
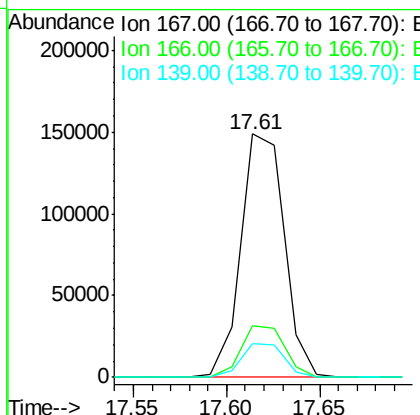
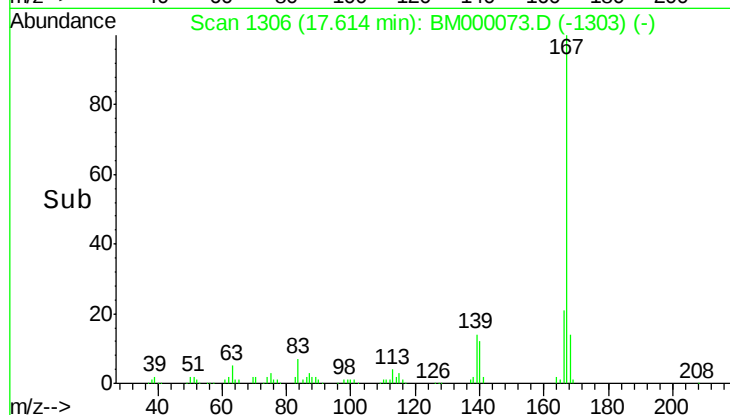
ClientSampleId :

MDL-Soil-7

Tgt Ion:	167	Resp:	241891
Ion Ratio	100	Lower	Upper
167	100		
166	21.3	16.2	24.4
139	14.0	10.7	16.1

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#73

Di-n-butylphthalate

Concen: 3.25 ng/ul

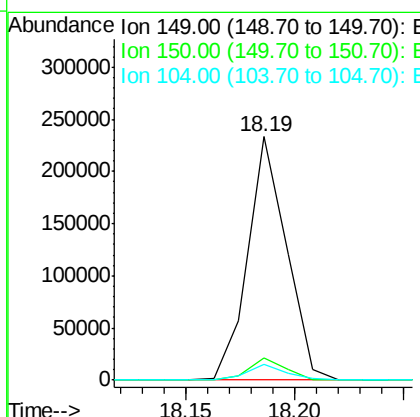
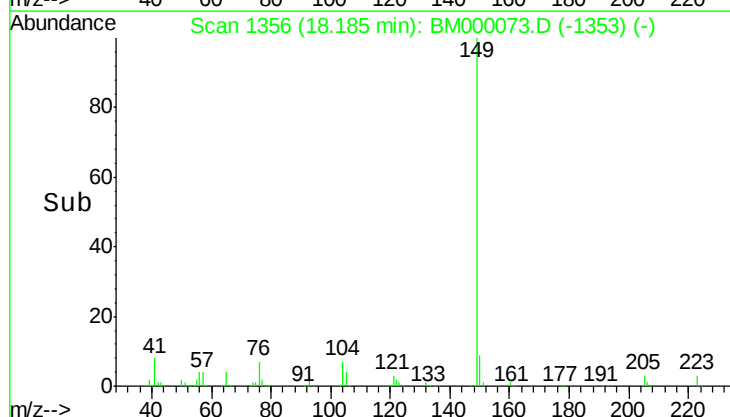
RT: 18.19 min Scan# 1356

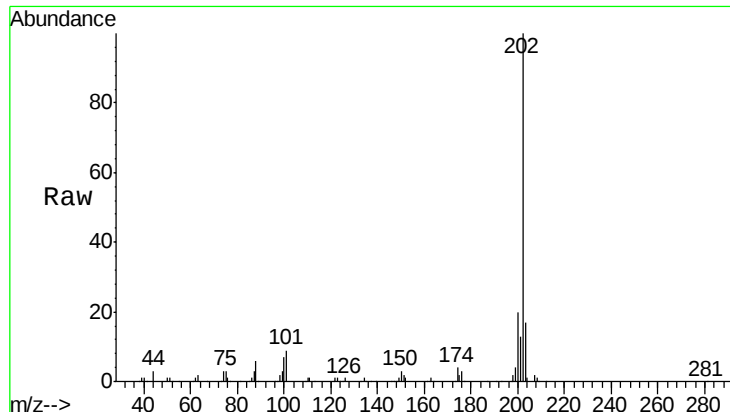
Delta R.T. -0.00 min

Lab File: BM000073.D

Acq: 29 Dec 2014 23:52

Tgt Ion:	149	Resp:	290560
Ion Ratio	100	Lower	Upper
149	100		
150	8.9	7.1	10.7
104	6.6	4.8	7.2





#74

Fluoranthene

Concen: 3.35 ng/ul

RT: 19.27 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BM000073.D

Acq: 29 Dec 2014 23:52

Instrument :

BNA_M

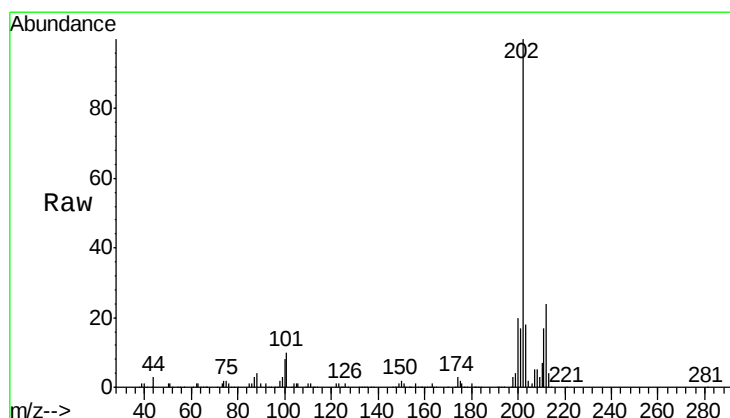
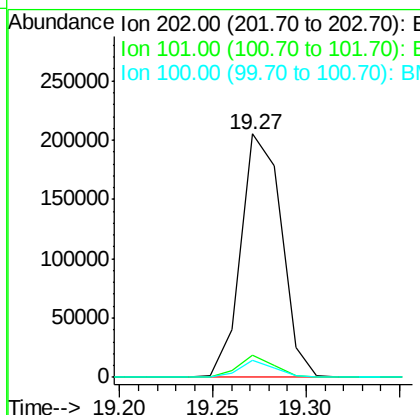
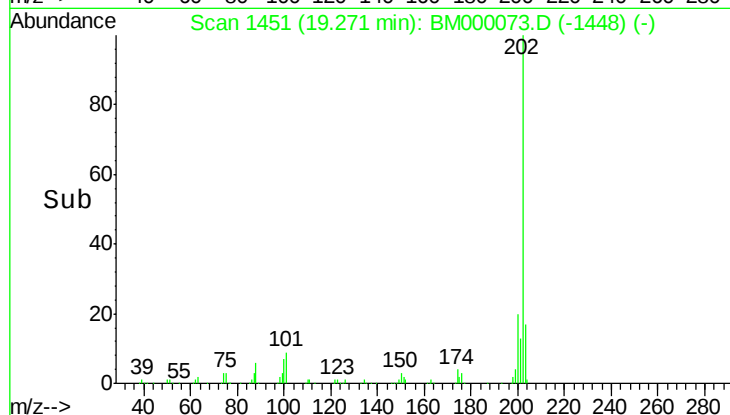
ClientSampleId :

MDL-Soil-7

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	310635		
101	9.1	6.4	9.6	
100	7.0	4.6	7.0	

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#77

Pyrene

Concen: 3.89 ng/ul

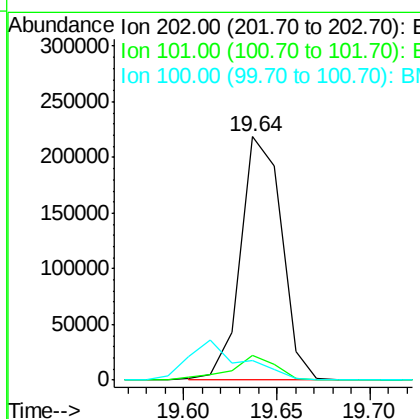
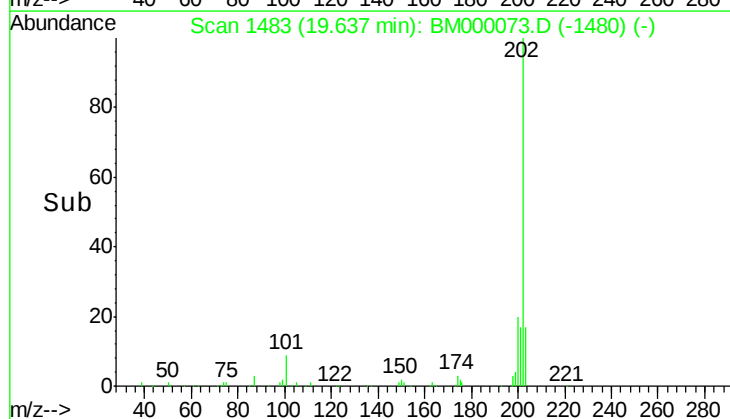
RT: 19.64 min Scan# 1483

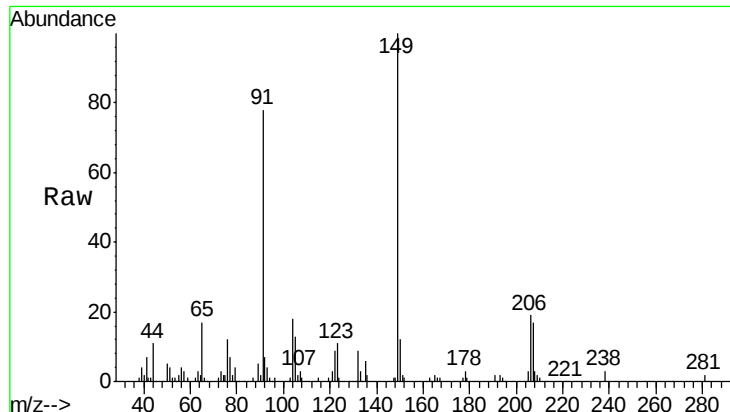
Delta R.T. -0.00 min

Lab File: BM000073.D

Acq: 29 Dec 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	331212		
101	10.1	6.9	10.3	
100	8.3	5.5	8.3	





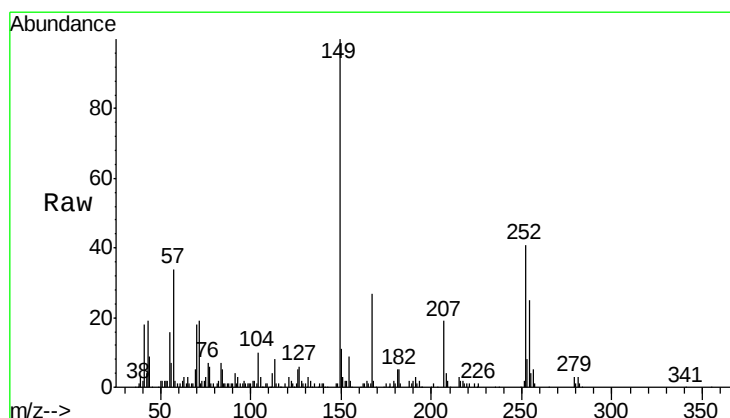
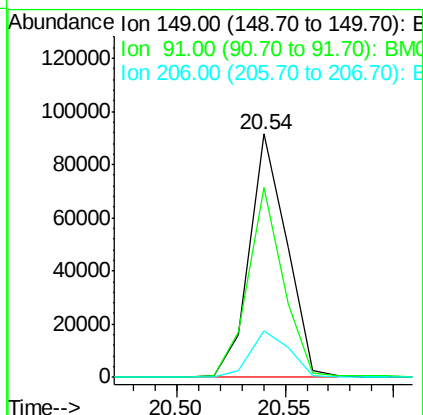
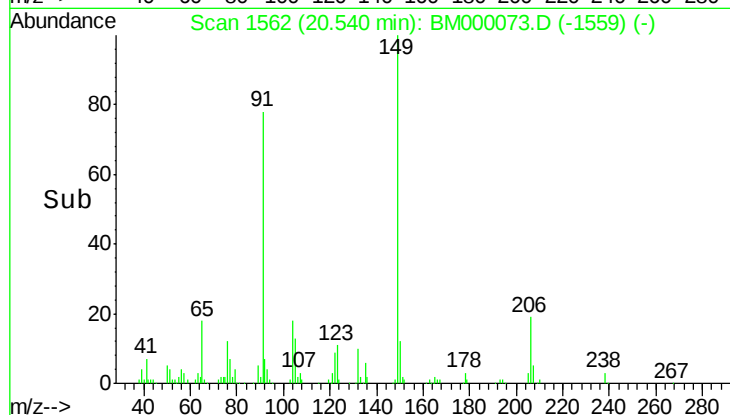
#78
Butylbenzylphthalate
Concen: 3.13 ng/ul
RT: 20.54 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-7

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	108389		
91	77.9	56.6	84.8	
206	19.0	16.8	25.2	

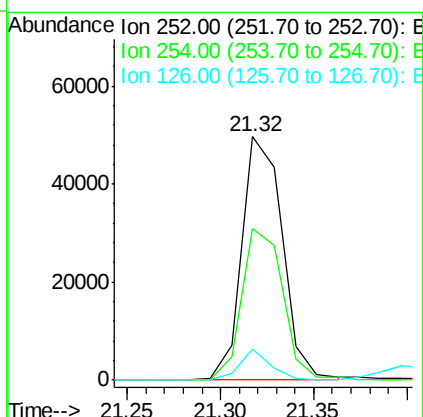
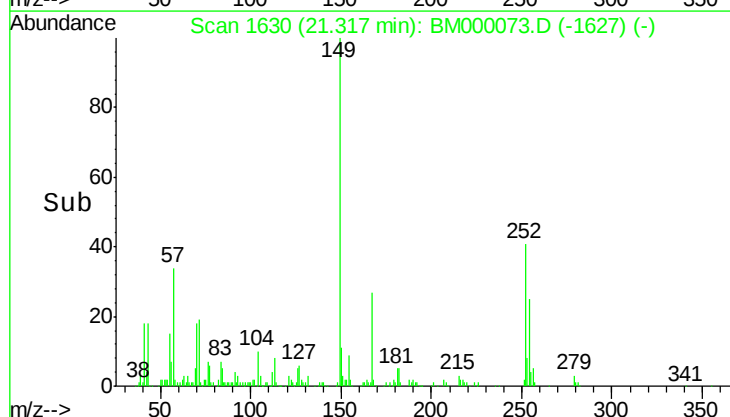
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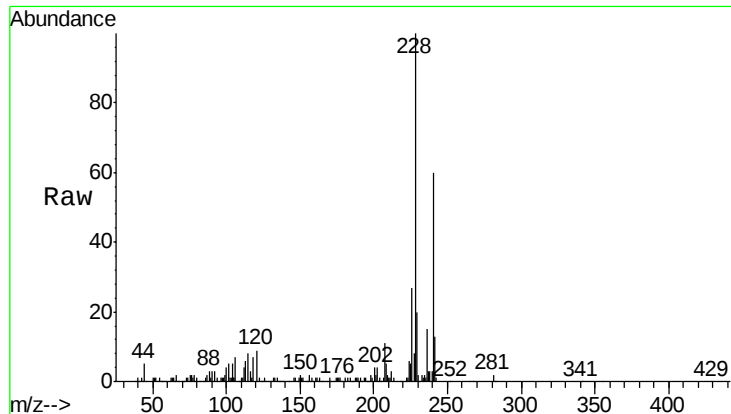
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#79
3,3'-Dichlorobenzidine
Concen: 2.91 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	75051		
254	62.2	51.2	76.8	
126	12.8	7.9	11.9	





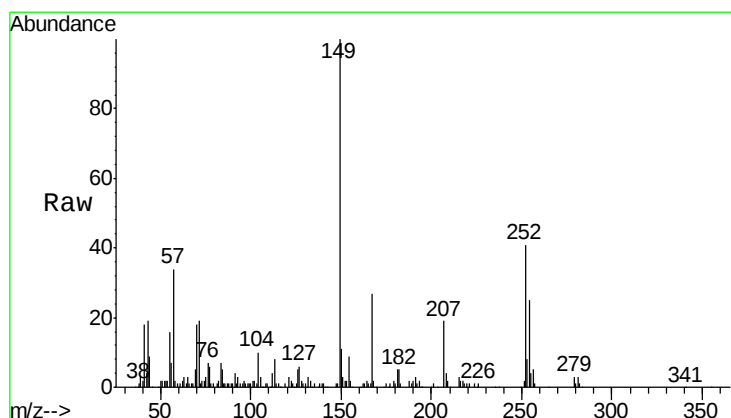
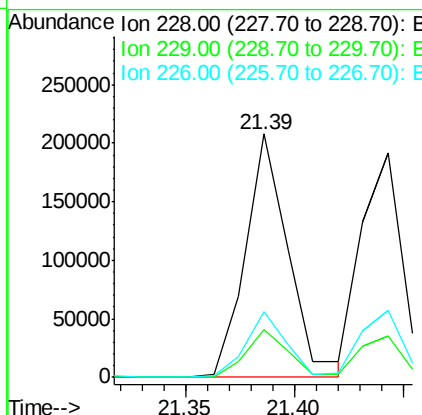
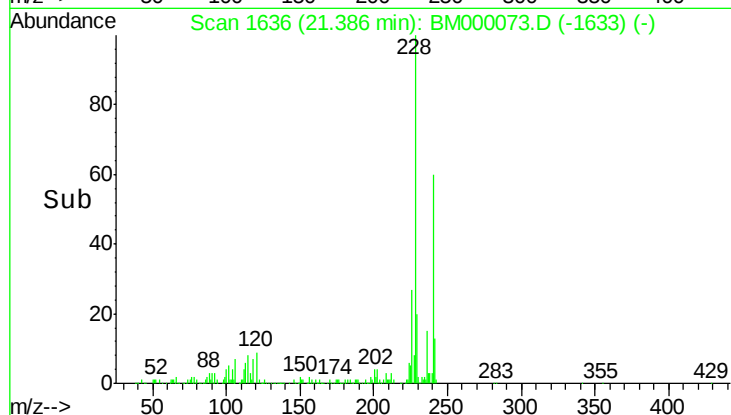
#80
Benzo(a)anthracene
Concen: 3.50 ng/ul
RT: 21.39 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-7

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	285185		
229	19.7	15.8	23.8	
226	27.1	20.7	31.1	

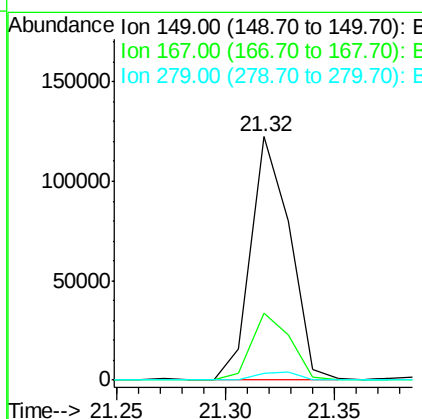
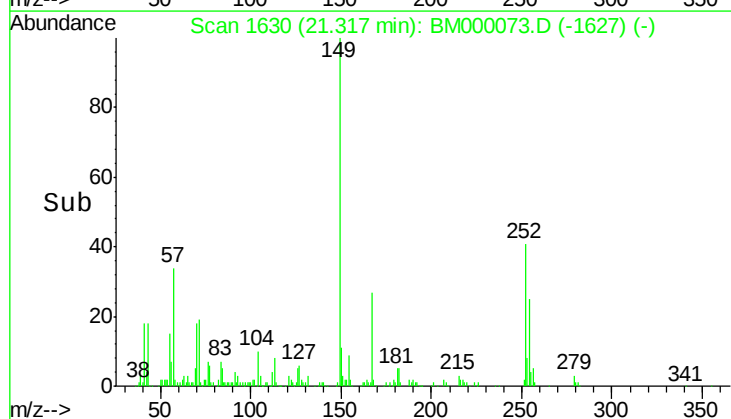
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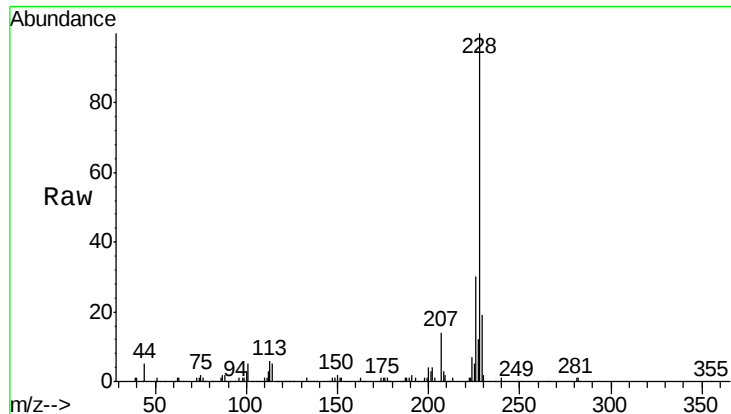
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#81
Bis(2-ethylhexyl)phthalate
Concen: 3.07 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	154509		
167	27.3	22.1	33.1	
279	2.7	3.0	4.6#	





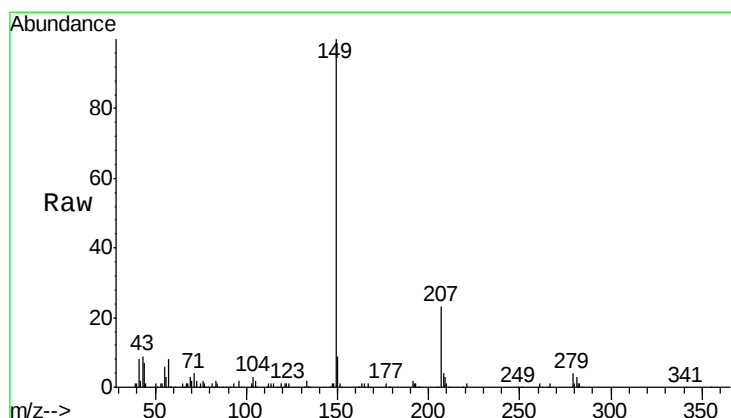
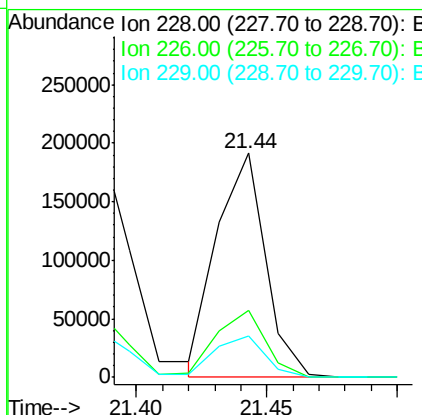
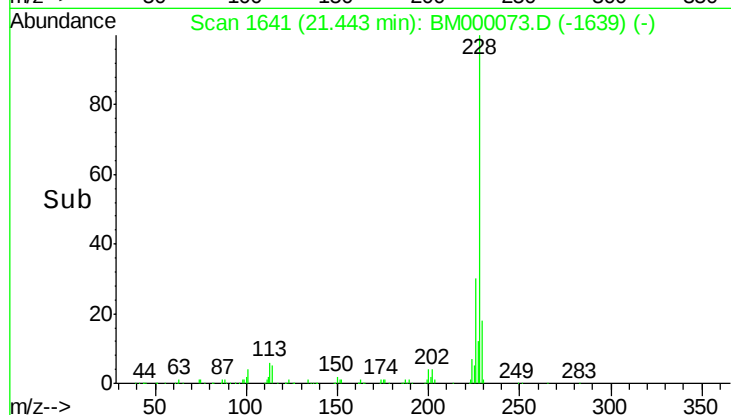
#82
 Chrysene
 Concen: 3.31 ng/ul
 RT: 21.44 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-7

Tgt Ion:228 Resp: 248382
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.0 34.4
 229 18.6 15.6 23.4

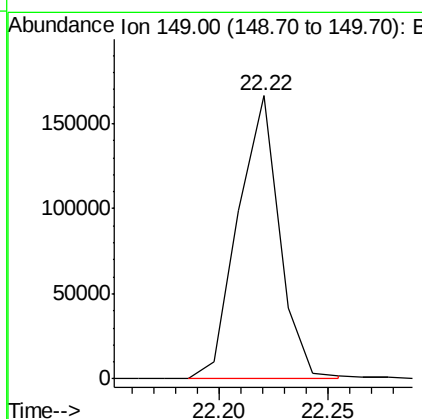
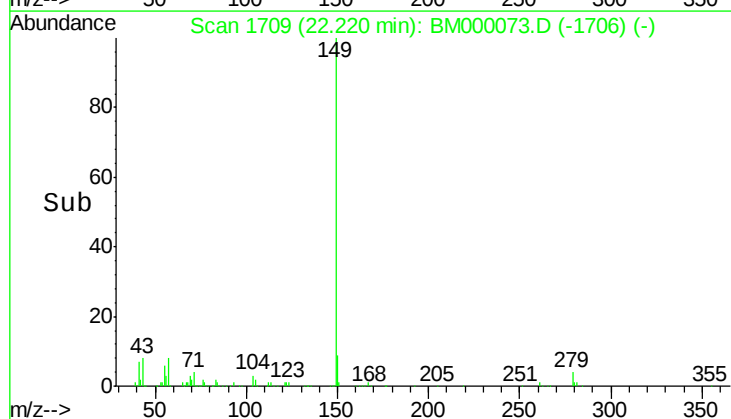
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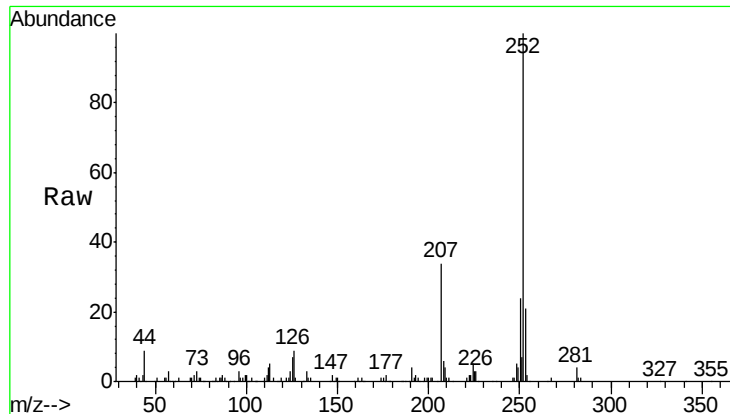
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#84
 Di-n-octyl phthalate
 Concen: 2.90 ng/ul
 RT: 22.22 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Tgt Ion:149 Resp: 218128





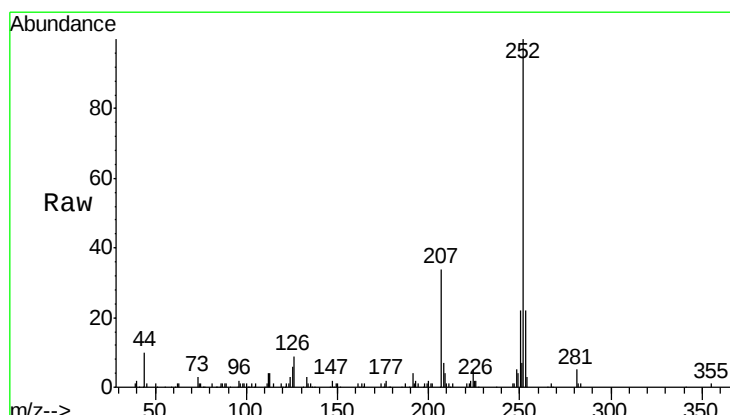
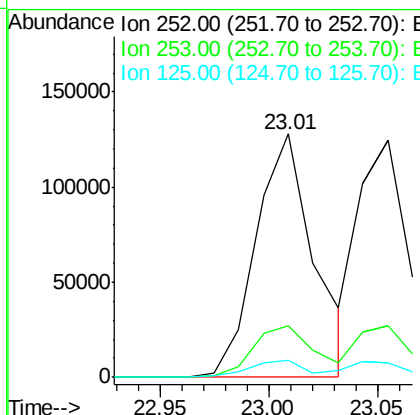
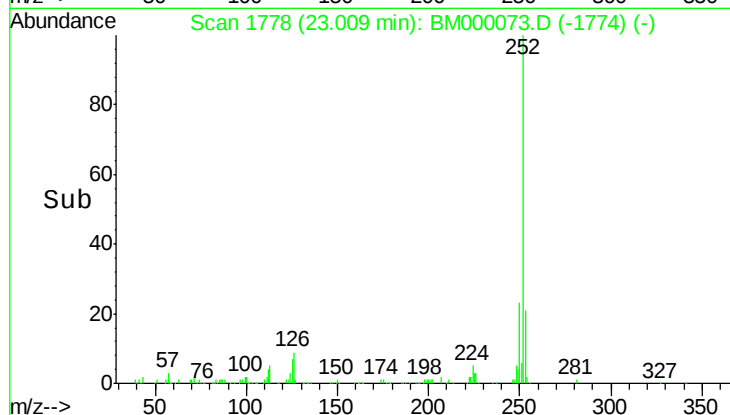
#85
Benzo(b)fluoranthene
Concen: 3.42 ng/ul
RT: 23.01 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-7

Tgt Ion:252 Resp: 238491
Ion Ratio Lower Upper
252 100
253 20.9 17.1 25.7
125 7.1 4.8 7.2

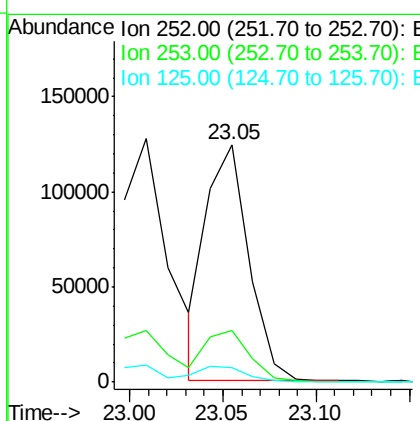
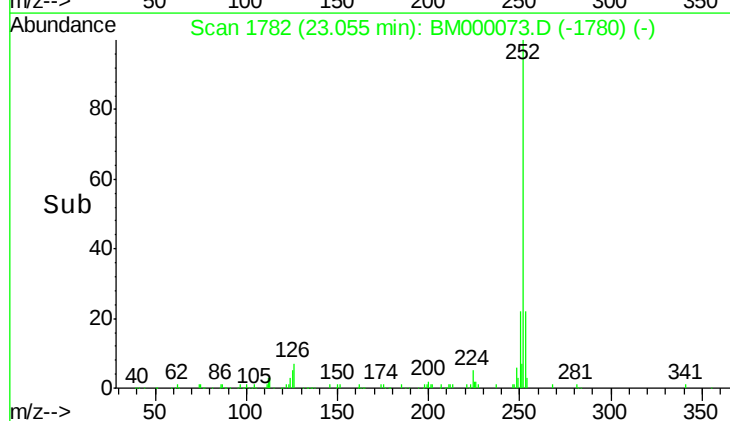
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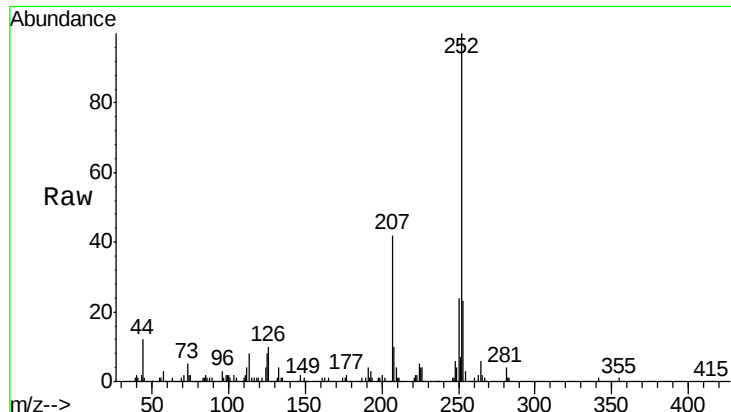
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#86
Benzo(k)fluoranthene
Concen: 3.32 ng/ul
RT: 23.05 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Tgt Ion:252 Resp: 197752
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 6.2 4.9 7.3





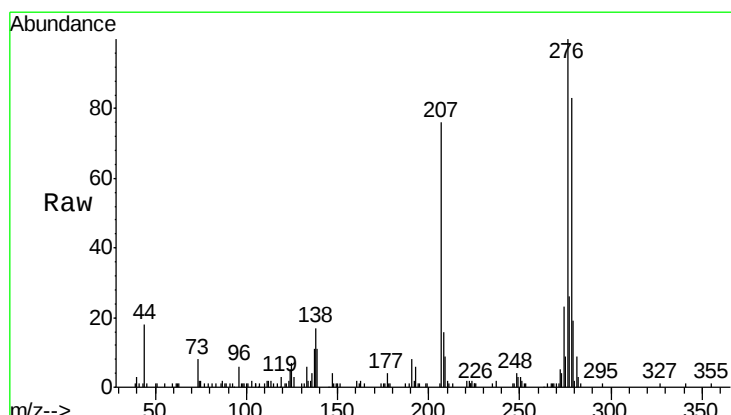
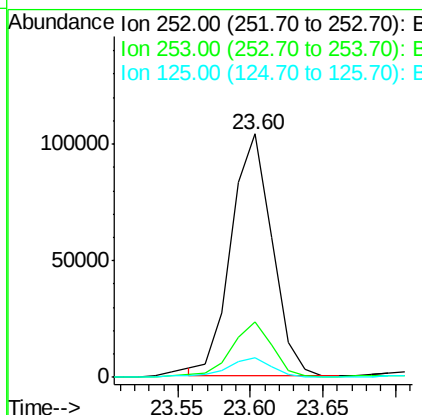
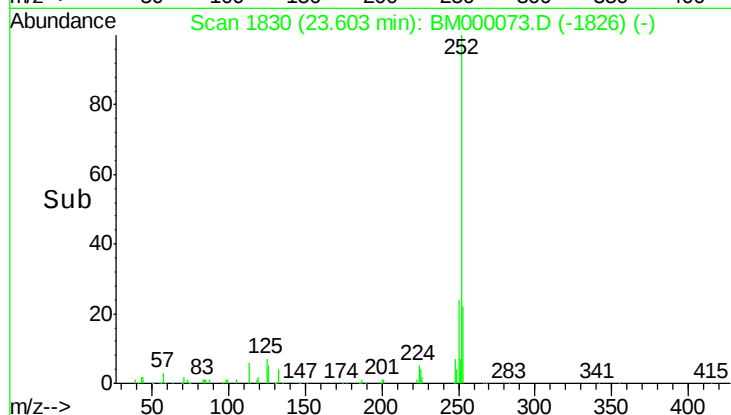
#88
Benzo(a)pyrene
Concen: 3.31 ng/ul
RT: 23.60 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-7

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	202688		
253	22.8	17.0	25.6	
125	8.1	5.8	8.6	

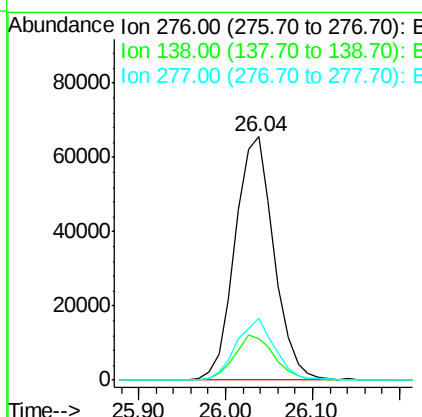
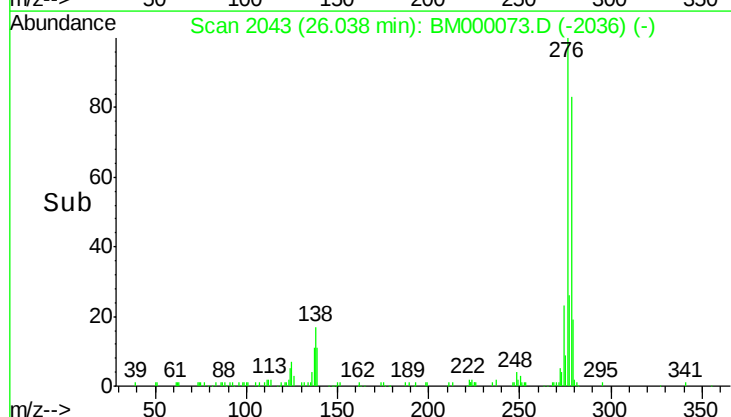
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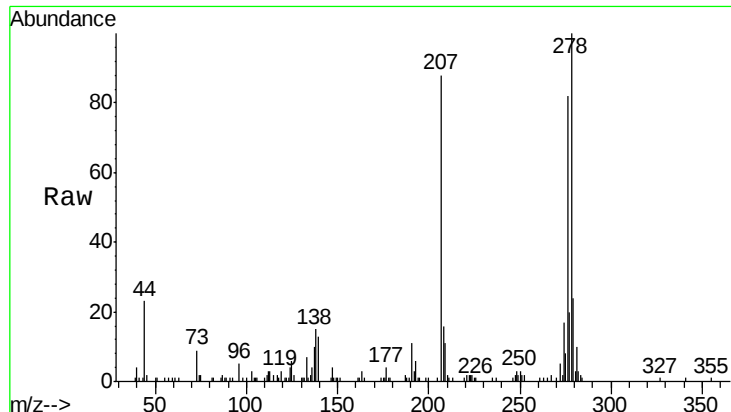
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.19 ng/ul
RT: 26.04 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BM000073.D
Acq: 29 Dec 2014 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	204028		
138	17.1	14.2	21.2	
277	25.5	18.8	28.2	





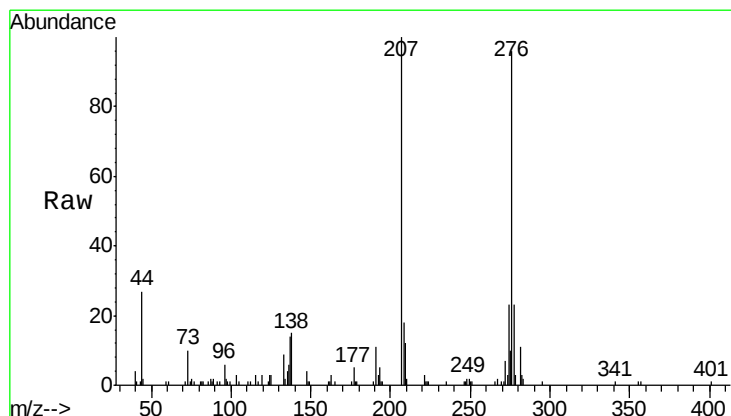
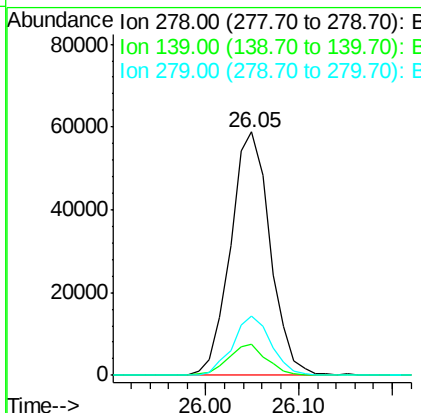
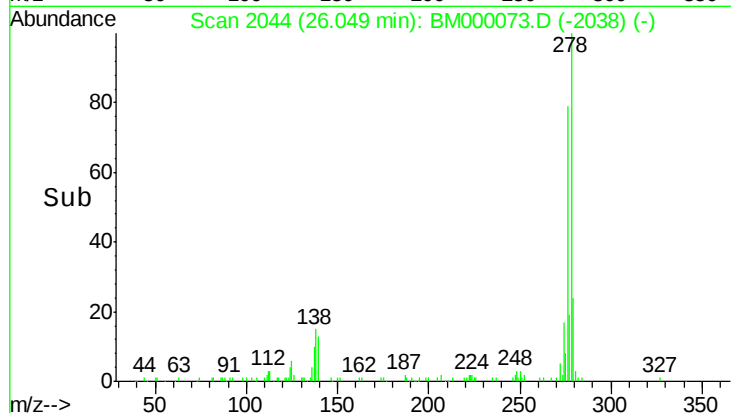
#90
 Dibenzo(a,h)anthracene
 Concen: 3.23 ng/ul
 RT: 26.05 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-7

Tgt Ion:	278	Resp:	173950
Ion Ratio	Lower	Upper	
278	100		
139	12.5	10.2	15.2
279	24.1	19.2	28.8

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#91
 Benzo(g,h,i)perylene
 Concen: 3.17 ng/ul
 RT: 26.75 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM000073.D
 Acq: 29 Dec 2014 23:52

Tgt Ion:	276	Resp:	166481
Ion Ratio	Lower	Upper	
276	100		
138	15.7	12.1	18.1
277	23.9	19.0	28.4

