

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
 Data File : BM000067.D
 Acq On : 29 Dec 2014 20:19
 Operator : TP
 Sample : MDL-01-S
 Misc : MDL--SOIL-4PPM
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-1

Manual Integrations
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 1/7/2015 9:21:02 AM

Quant Time: Dec 31 06:05:02 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	233263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1027446	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	736080	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1498566	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1491113	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1164122	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	33879	8.42	ng/uL	0.00
5) Phenol-d5	7.01	99	685743	33.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	441666	35.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	507784	35.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	555546	34.80	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	262124	36.89	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	280227	38.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	538300	33.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	740861	40.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1952724	35.97	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2264903	34.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	283978	32.38	ng/ul	0.00
57) Fluorene-d10	15.48	176	1628737	34.94	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.58	200	203250	27.35	ng/ul	0.00
70) Anthracene-d10	17.32	188	2484457	35.85	ng/ul	0.00
76) Pyrene-d10	19.61	212	2666329	38.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1998090	38.03	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	18081	3.24	ng/uL#	94
4) Benzaldehyde	6.98	77	47266	3.76	ng/ul	95
6) Phenol	7.03	94	64640	3.07	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.27	93	54645	3.40	ng/ul	98
10) 2-Chlorophenol	7.41	128	47614	3.16	ng/ul	93
11) 2-Methylphenol	8.28	108	48675	3.00	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.38	45	88229	3.41	ng/ul	97
14) Acetophenone	8.66	105	87338	3.21	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.65	70	45791	3.21	ng/ul	96
16) 4-Methylphenol	8.61	108	55366	3.15	ng/ul	98
17) Hexachloroethane	8.93	117	21257	3.09	ng/ul	93
20) Nitrobenzene	9.04	77	71606	3.38	ng/ul	97
21) Isophorone	9.57	82	125833	3.08	ng/ul	98
23) 2-Nitrophenol	9.75	139	27782	3.47	ng/ul	95
24) 2,4-Dimethylphenol	9.81	107	68915	3.17	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.05	93	73631	3.24	ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	50025	3.13	ng/ul#	76
28) Naphthalene	10.69	128	167281	3.19	ng/ul	99
30) 4-Chloroaniline	10.79	127	59744	3.18	ng/ul	98
31) Hexachlorobutadiene	10.97	225	36480	3.22	ng/ul	94
32) Caprolactam	11.58	113	15444m	2.90	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	58139	2.96	ng/ul	98
34) 2-Methylnaphthalene	12.30	142	123866	3.19	ng/ul	99

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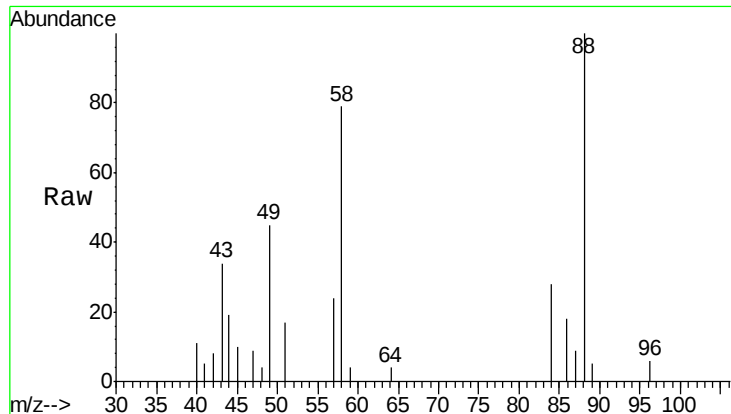
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	66652	3.27	ng/ul#	97
37) Hexachlorocyclopentadiene	12.65	237	34216	2.54	ng/ul	98
38) 2,4,6-Trichlorophenol	12.90	196	38286	2.94	ng/ul	98
39) 2,4,5-Trichlorophenol	12.97	196	40282	2.85	ng/ul	98
40) 1,1'-Biphenyl	13.32	154	167850	3.16	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	128895	3.17	ng/ul	98
42) 2-Nitroaniline	13.56	65	37790	2.87	ng/ul	93
44) Dimethylphthalate	13.93	163	176427	3.26	ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	28426	2.94	ng/ul#	90
47) Acenaphthylene	14.20	152	217762	3.18	ng/ul	99
48) 3-Nitroaniline	14.38	138	29048	2.93	ng/ul#	98
49) Acenaphthene	14.54	153	138897	3.18	ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	8205	1.67	ng/ul	87
52) 4-Nitrophenol	14.68	109	36449	3.13	ng/ul	94
53) Dibenzofuran	14.88	168	204793	3.24	ng/ul	97
54) 2,4-Dinitrotoluene	14.84	165	43887	3.04	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	15.10	232	37166	3.05	ng/ul	94
56) Diethylphthalate	15.31	149	182442	3.21	ng/ul	99
58) Fluorene	15.52	166	169013	3.22	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	86090	3.32	ng/ul	93
60) 4-Nitroaniline	15.53	138	33763	3.02	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.59	198	21246	2.79	ng/ul#	37
64) N-Nitrosodiphenylamine	15.73	169	145008	3.34	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	51191	3.35	ng/ul#	90
66) Hexachlorobenzene	16.53	284	59817	3.40	ng/ul	94
67) Atrazine	16.68	200	53885	3.14	ng/ul	99
68) Pentachlorophenol	16.87	266	24360	2.27	ng/ul	96
69) Phenanthrene	17.26	178	276807	3.41	ng/ul	99
71) Anthracene	17.35	178	278684	3.34	ng/ul	99
72) Carbazole	17.63	167	244914	3.26	ng/ul	99
73) Di-n-butylphthalate	18.19	149	291803	3.26	ng/ul	99
74) Fluoranthene	19.28	202	314702	3.38	ng/ul	97
77) Pyrene	19.64	202	337510	3.76	ng/ul#	94
78) Butylbenzylphthalate	20.54	149	110585	3.03	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.33	252	69474	2.55	ng/ul#	95
80) Benzo(a)anthracene	21.39	228	298671	3.47	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	159810	3.01	ng/ul	98
82) Chrysene	21.44	228	263877	3.33	ng/ul	99
84) Di-n-octyl phthalate	22.22	149	232256	2.90	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	241798	3.25	ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	216592	3.41	ng/ul	98
88) Benzo(a)pyrene	23.60	252	213768	3.28	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.04	276	211783	3.11	ng/ul	98
90) Dibenzo(a,h)anthracene	26.05	278	177977	3.10	ng/ul	98
91) Benzo(g,h,i)perylene	26.75	276	172300	3.08	ng/ul	98

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



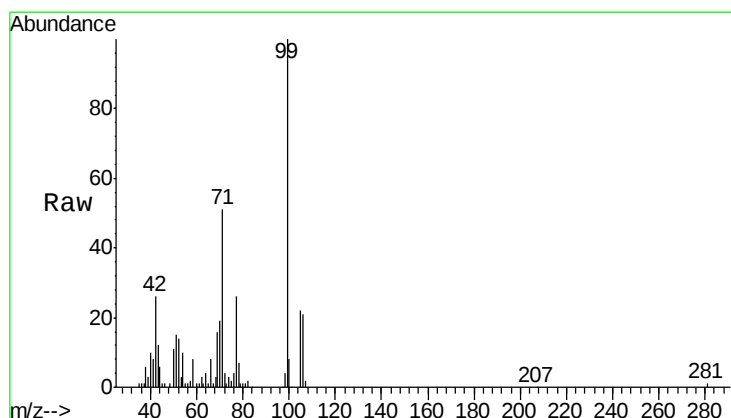
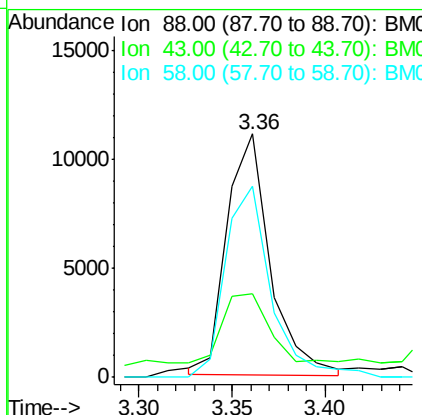
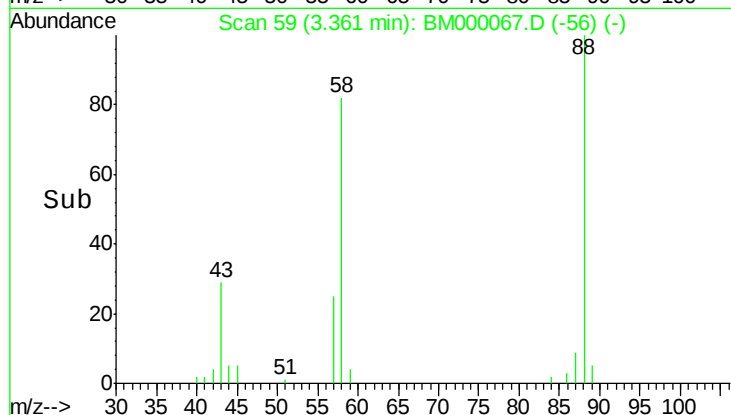
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 1,4-Dioxane
 Concen: 3.24 ng/uL
 RT: 3.36 min Scan# 59
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-1

Tgt Ion:	88	Resp:	18081
Ion Ratio	Lower	Upper	
88	100		
43	32.4	34.9	52.3#
58	83.9	67.3	100.9

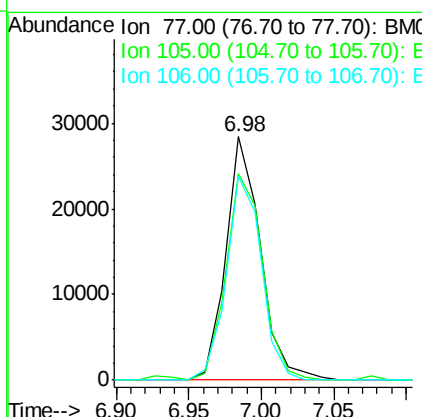
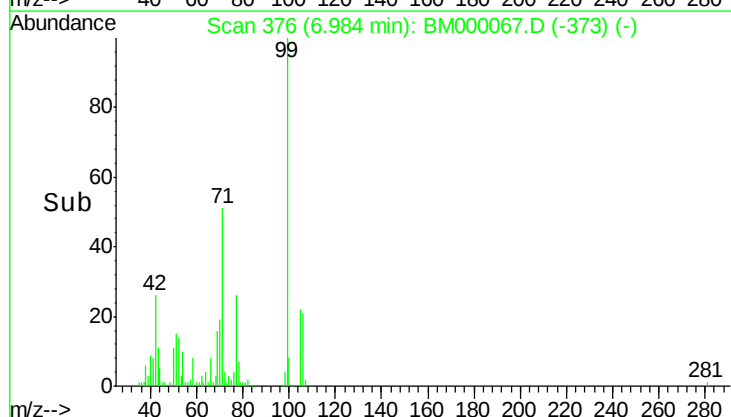
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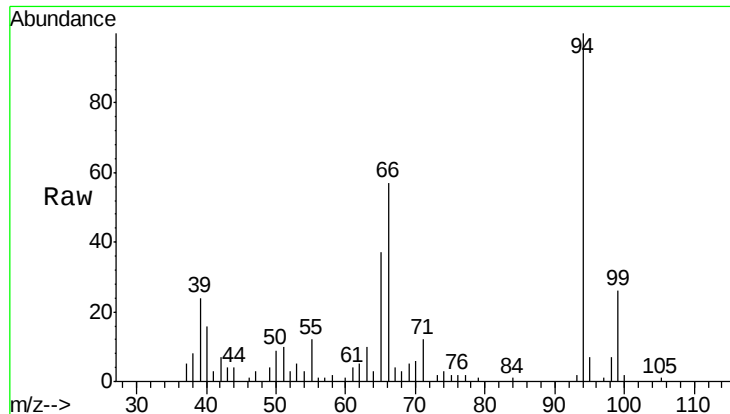
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#4
 Benzaldehyde
 Concen: 3.76 ng/uL
 RT: 6.98 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Tgt Ion:	77	Resp:	47266
Ion Ratio	Lower	Upper	
77	100		
105	84.6	73.5	110.3
106	83.9	67.9	101.9





#6

Phenol

Concen: 3.07 ng/ul

RT: 7.03 min Scan# 380

Delta R.T. -0.00 min

Lab File: BM000067.D

Acq: 29 Dec 2014 20:19

Instrument :

BNA_M

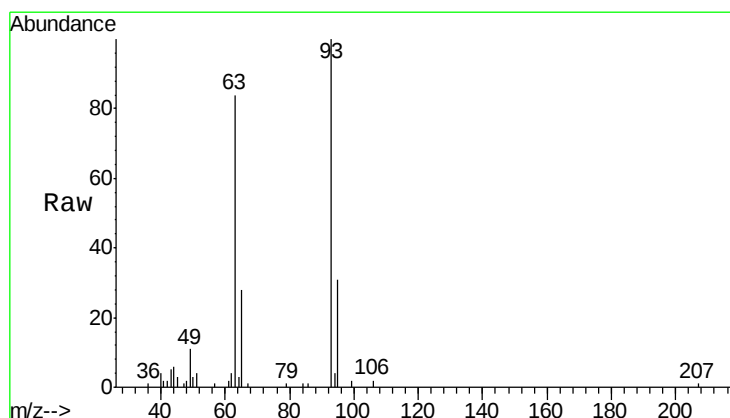
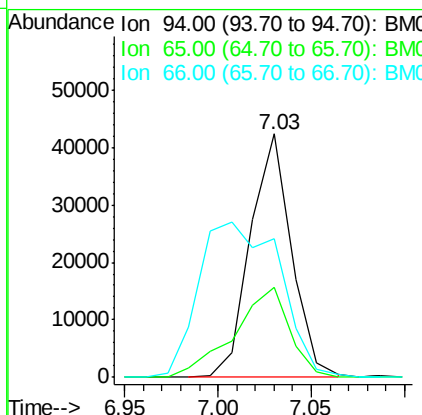
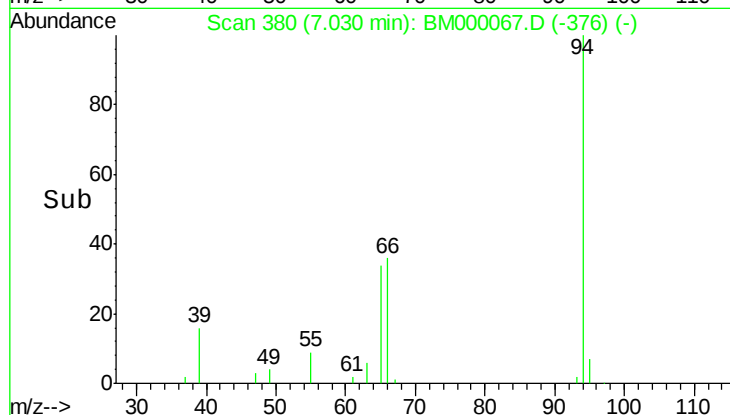
ClientSampleId :

MDL-Soil-1

Tgt Ion:	94	Resp:	64640
Ion	Ratio	Lower	Upper
94	100		
65	37.2	27.4	41.0
66	56.8	42.5	63.7

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#8

Bis(2-Chloroethyl)ether

Concen: 3.40 ng/ul

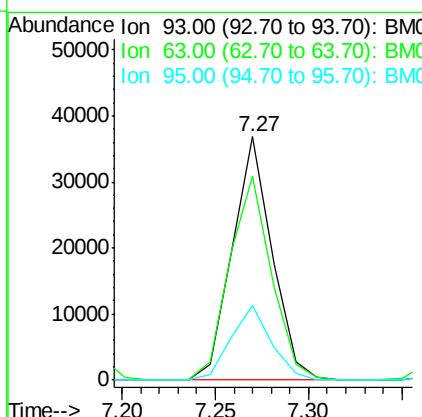
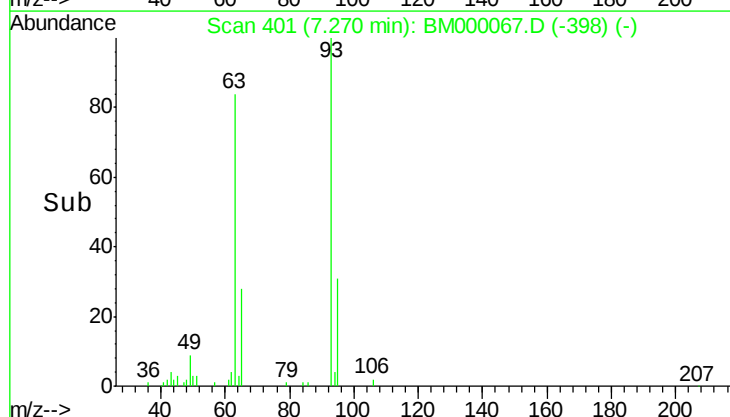
RT: 7.27 min Scan# 401

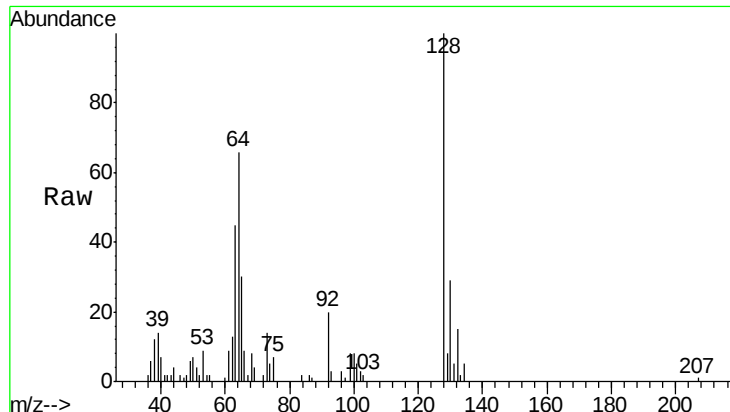
Delta R.T. -0.00 min

Lab File: BM000067.D

Acq: 29 Dec 2014 20:19

Tgt Ion:	93	Resp:	54645
Ion	Ratio	Lower	Upper
93	100		
63	83.8	68.9	103.3
95	30.5	24.6	37.0





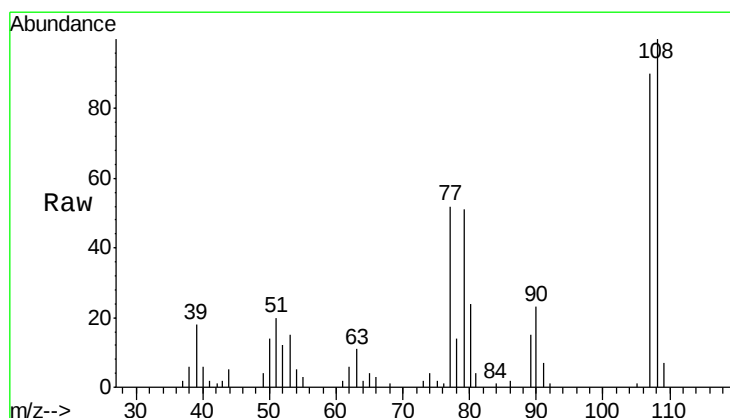
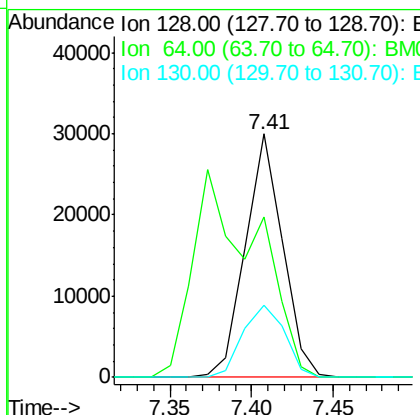
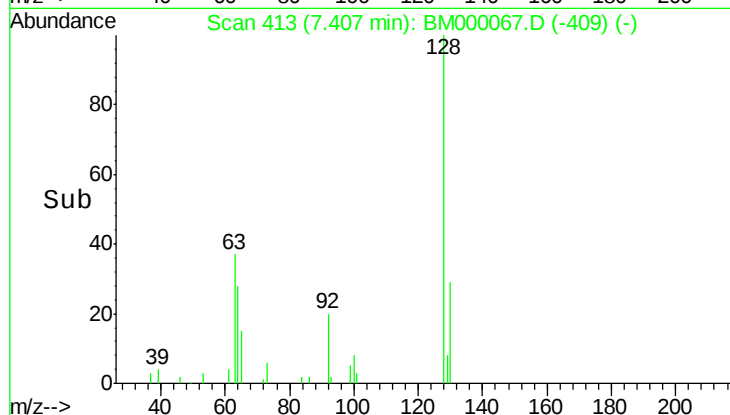
#10
 2-Chlorophenol
 Concen: 3.16 ng/ul
 RT: 7.41 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-1

Tgt Ion:	128	Resp:	47614
Ion Ratio	Lower	Upper	
128	100		
64	65.9	47.2	70.8
130	29.4	25.2	37.8

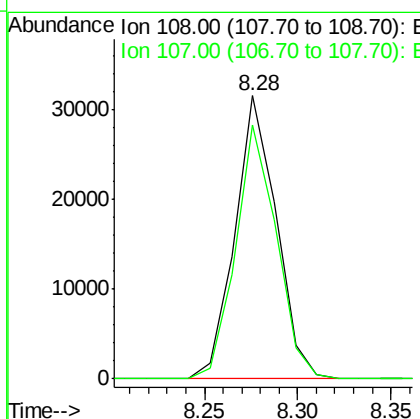
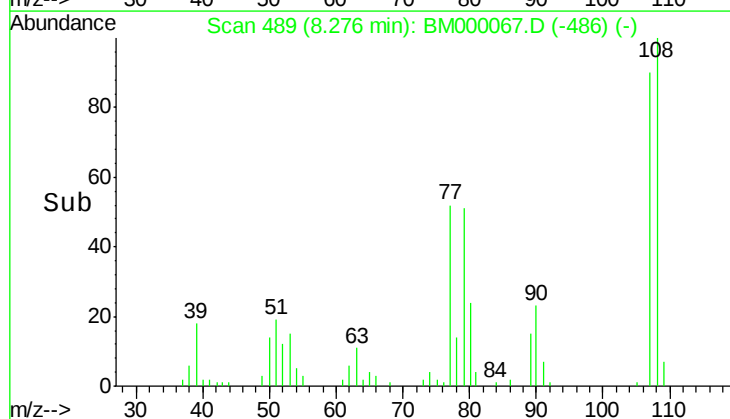
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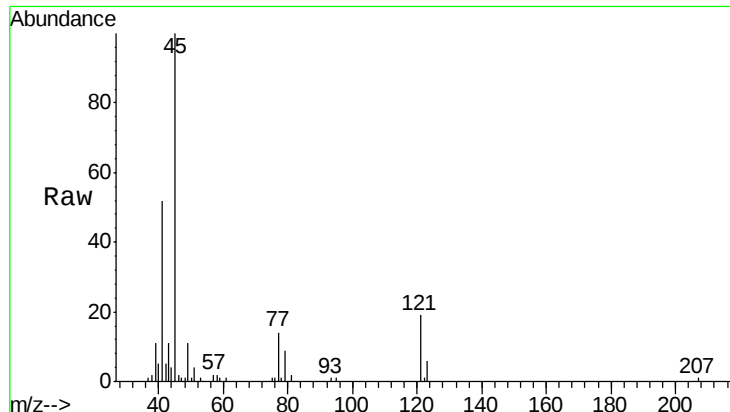
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#11
 2-Methylphenol
 Concen: 3.00 ng/ul
 RT: 8.28 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Tgt Ion:	108	Resp:	48675
Ion Ratio	Lower	Upper	
108	100		
107	89.9	70.7	106.1





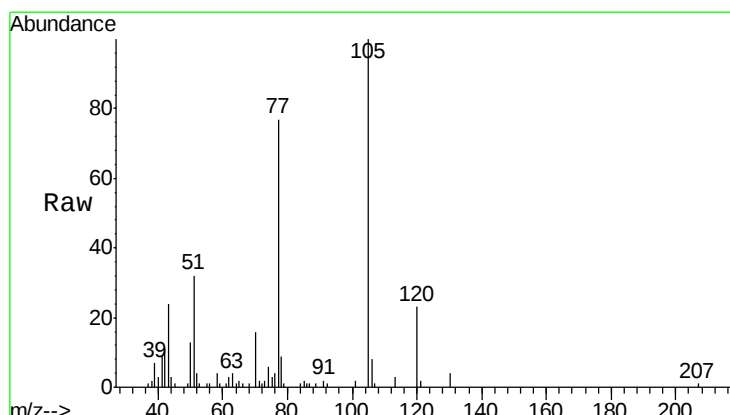
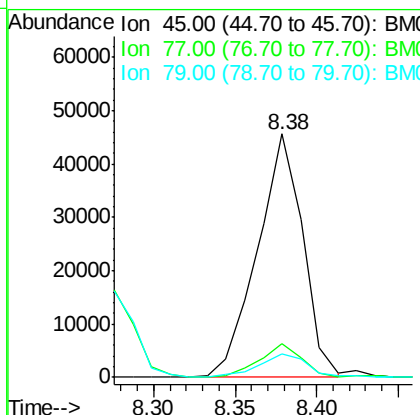
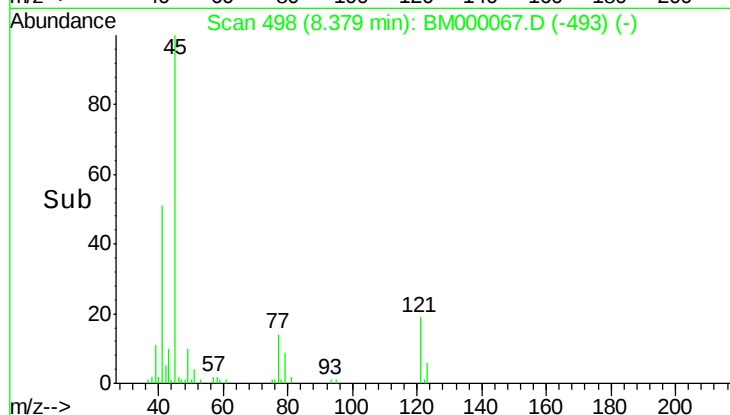
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 3.41 ng/ul
 RT: 8.38 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Instrument :
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	9.9	14.9
79	9.4	8.3	12.5

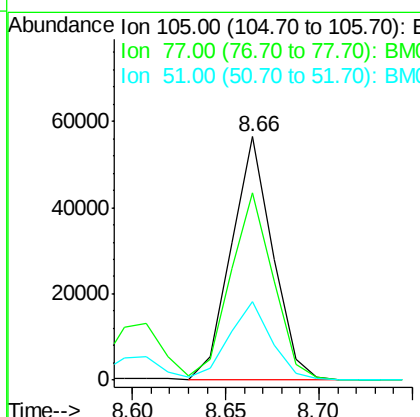
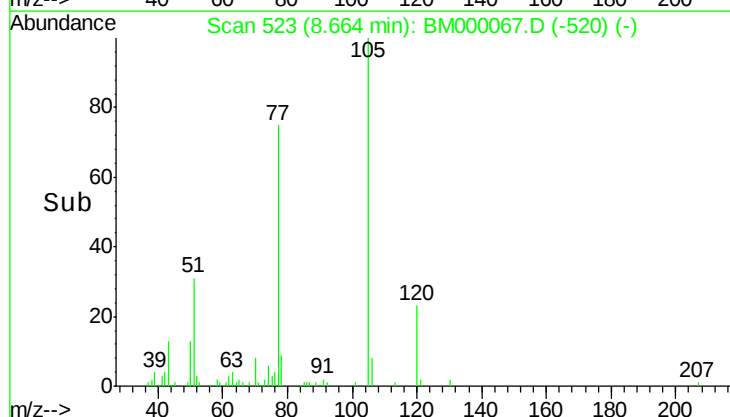
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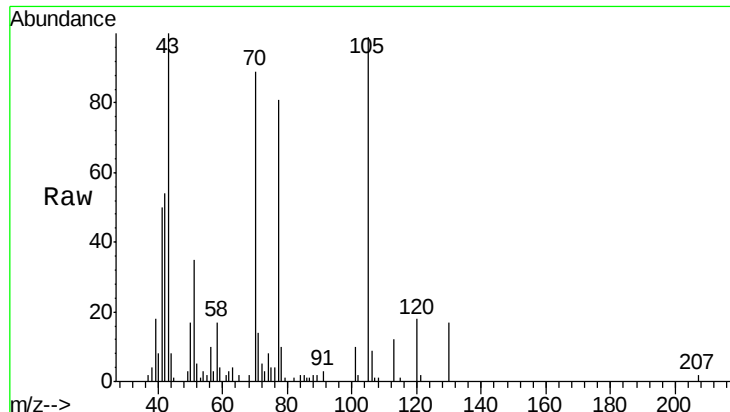
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#14
 Acetophenone
 Concen: 3.21 ng/ul
 RT: 8.66 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Tgt Ion	Ratio	Lower	Upper
105	100		
77	77.2	66.3	99.5
51	32.2	26.5	39.7





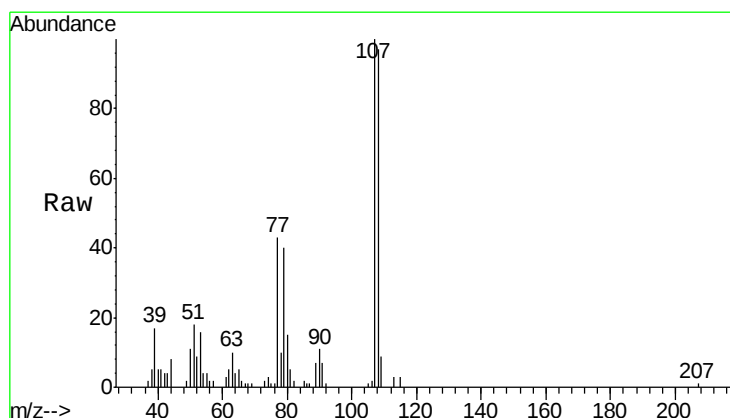
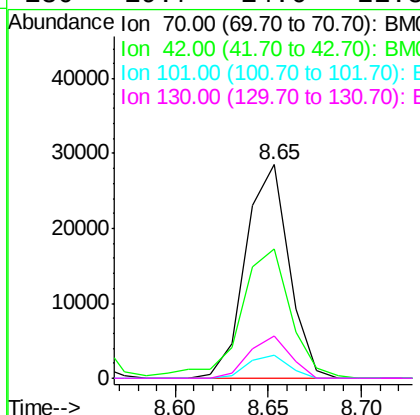
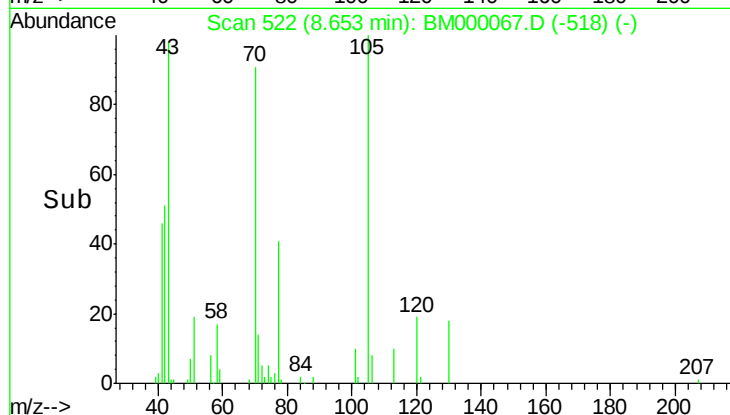
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N-Nitroso-di-n-propylamine
Concen: 3.21 ng/ul
RT: 8.65 min Scan# 522
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Instrument :
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Tgt Ion:	70	Resp:	45791
Ion	Ratio	Lower	Upper
70	100		
42	60.7	46.4	69.6
101	11.1	7.8	11.8
130	19.7	14.6	21.8

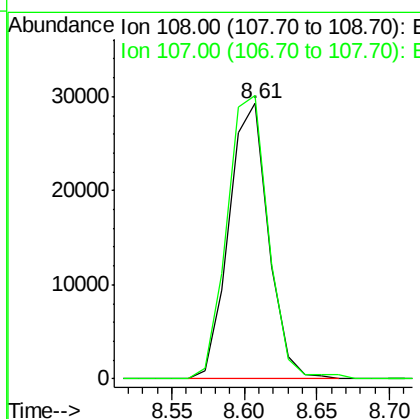
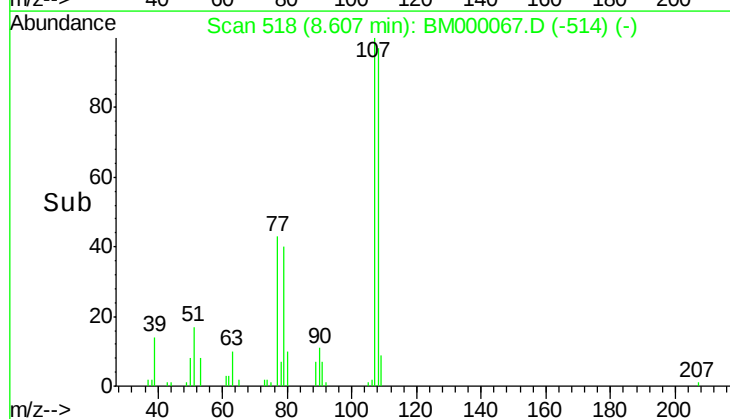
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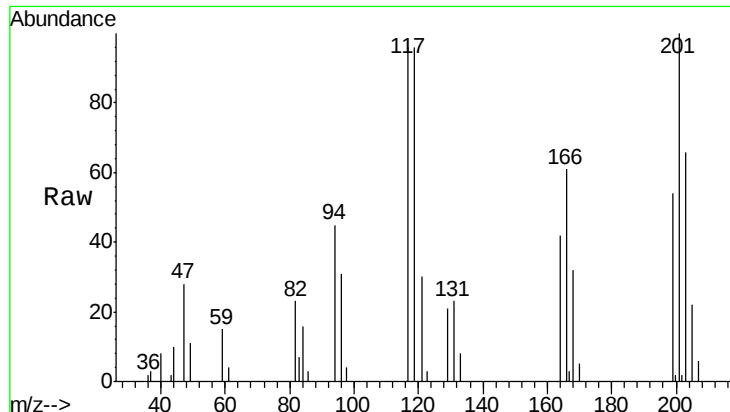
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#16
4-Methylphenol
Concen: 3.15 ng/ul
RT: 8.61 min Scan# 518
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Tgt Ion:	108	Resp:	55366
Ion	Ratio	Lower	Upper
108	100		
107	102.8	84.0	126.0





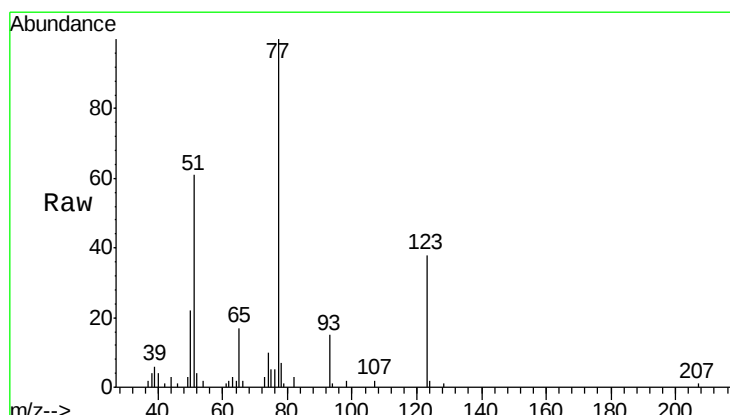
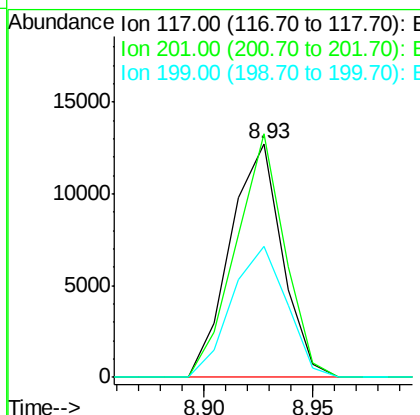
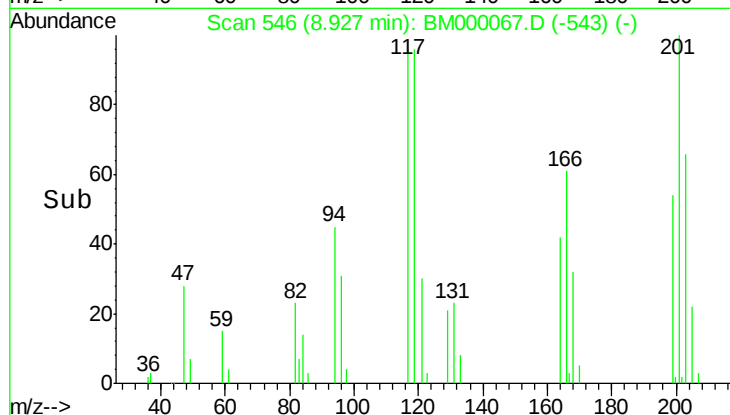
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Hexachloroethane
Concen: 3.09 ng/ul
RT: 8.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM000067.D
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MDL-Soil-1

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	21257		
201	104.2	85.2	127.8	
199	56.3	55.1	82.7	

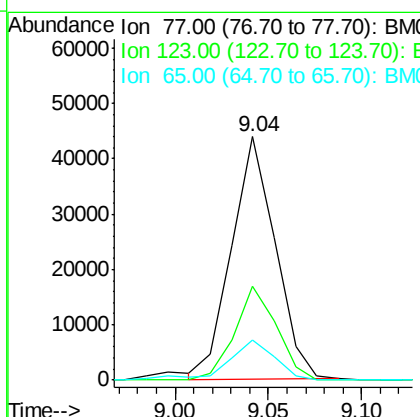
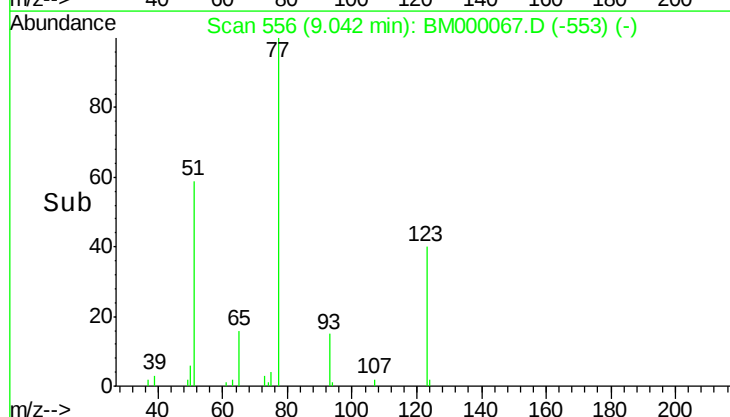
Manual Integrations
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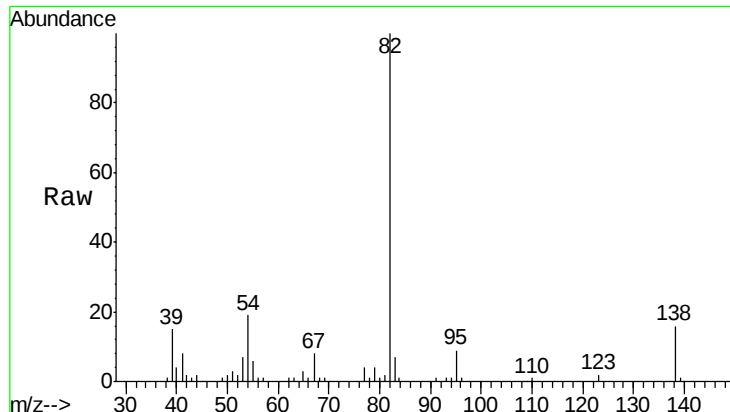
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#20
Nitrobenzene
Concen: 3.38 ng/ul
RT: 9.04 min Scan# 556
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	71606		
123	38.4	29.2	43.8	
65	16.6	12.4	18.6	





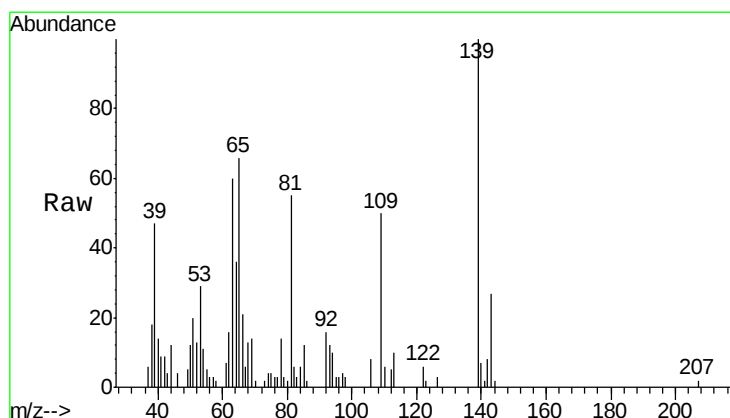
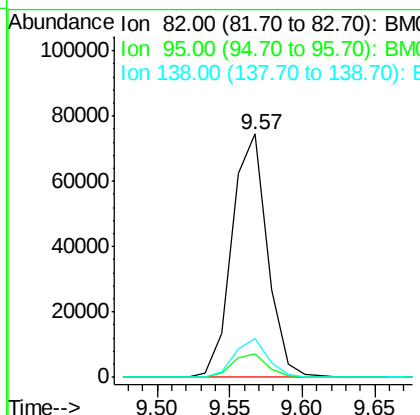
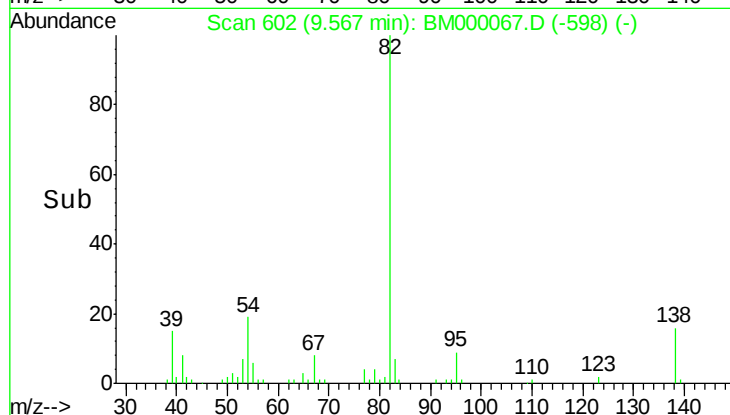
#21
Isophorone
Concen: 3.08 ng/ul
RT: 9.57 min Scan# 602
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-1

Tgt Ion:	82	Resp:	125833
Ion Ratio	Lower	Upper	
82	100		
95	9.4	6.9	10.3
138	16.1	12.1	18.1

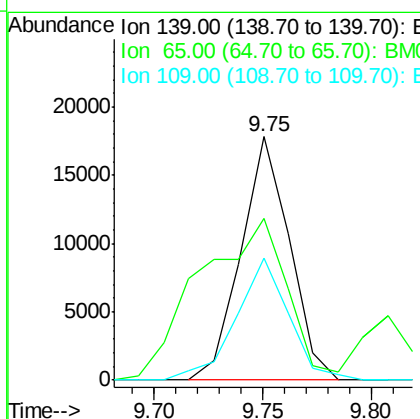
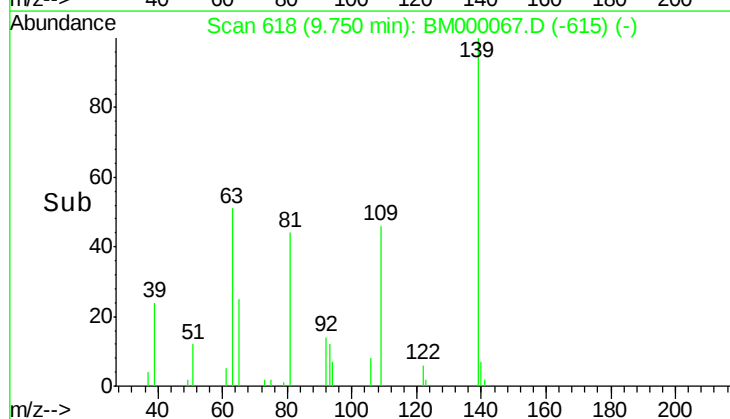
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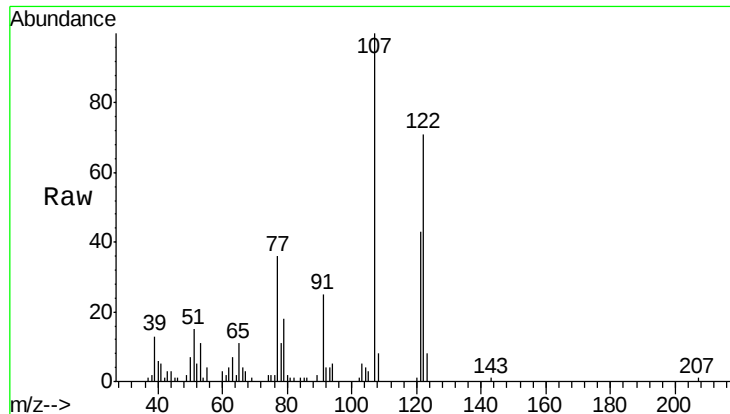
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#23
2-Nitrophenol
Concen: 3.47 ng/ul
RT: 9.75 min Scan# 618
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Tgt Ion:	139	Resp:	27782
Ion Ratio	Lower	Upper	
139	100		
65	66.2	56.3	84.5
109	50.3	37.1	55.7





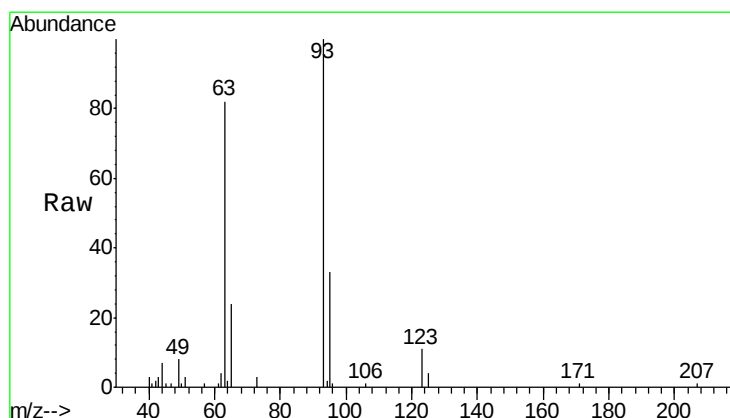
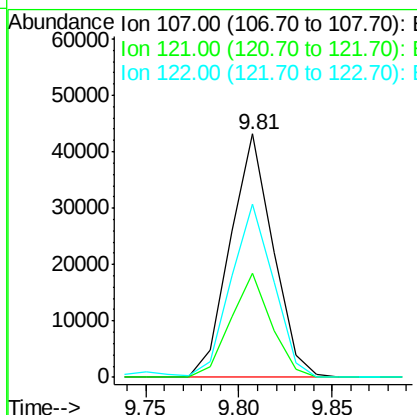
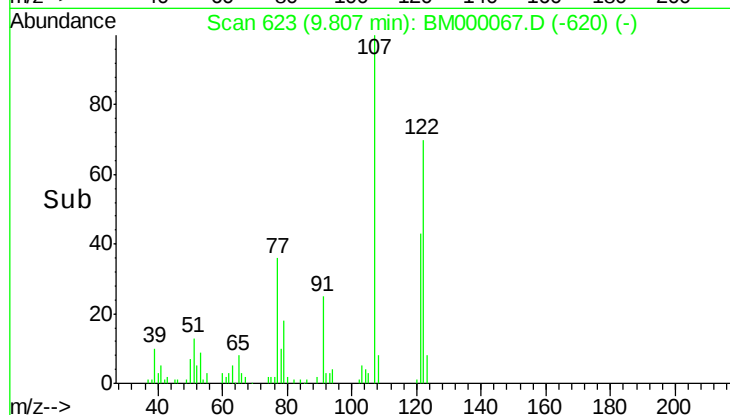
#24
 2,4-Dimethylphenol
 Concen: 3.17 ng/ul
 RT: 9.81 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-1

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	68915		
121	42.6	33.0	49.6	
122	71.1	59.3	88.9	

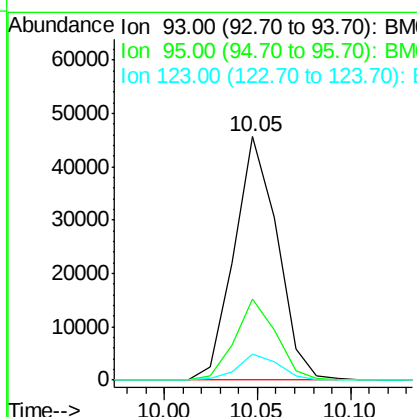
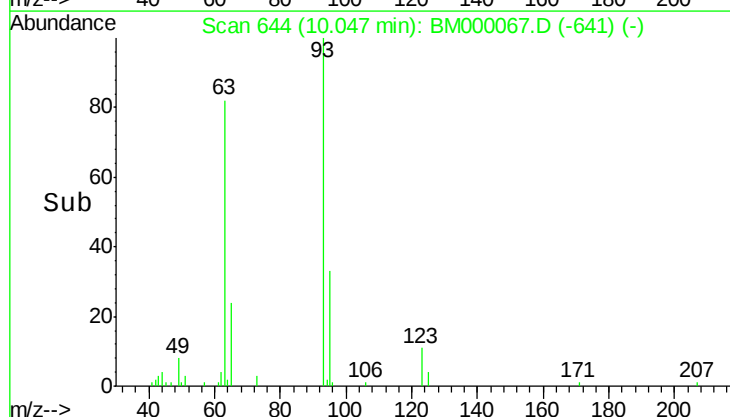
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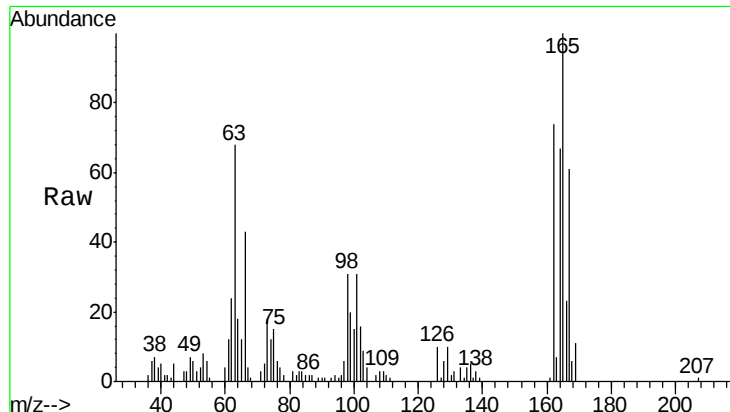
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.24 ng/ul
 RT: 10.05 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	73631		
95	33.2	26.1	39.1	
123	10.9	7.4	11.2	





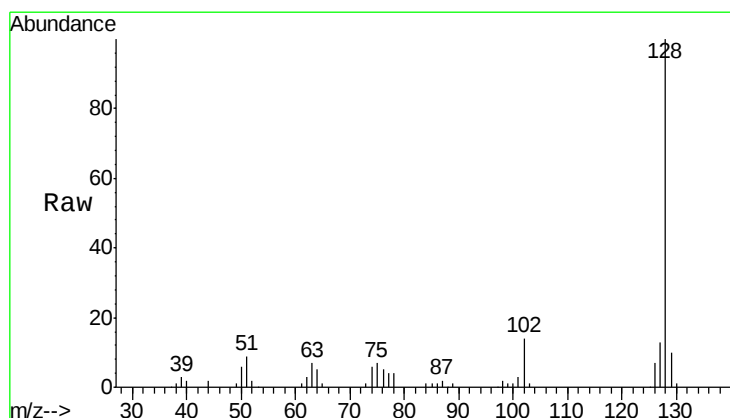
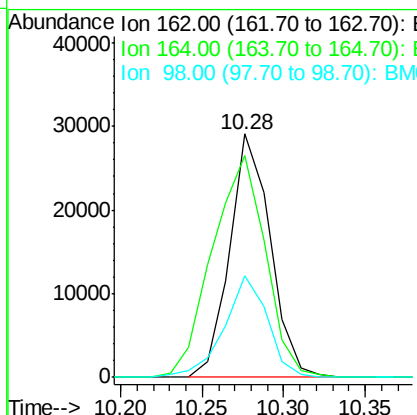
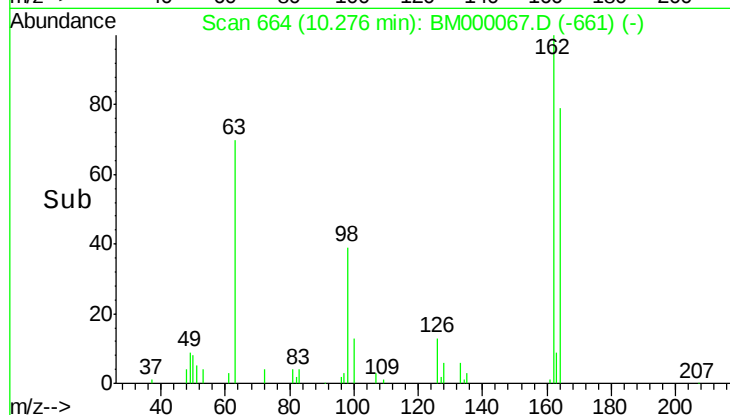
#27
 2,4-Dichlorophenol
 Concen: 3.13 ng/ul
 RT: 10.28 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-1

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	50025		
164	90.9	50.2	75.4#	
98	41.6	31.4	47.2	

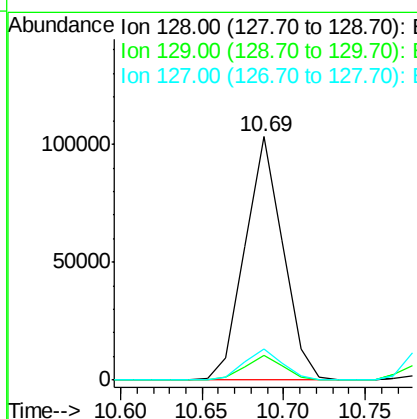
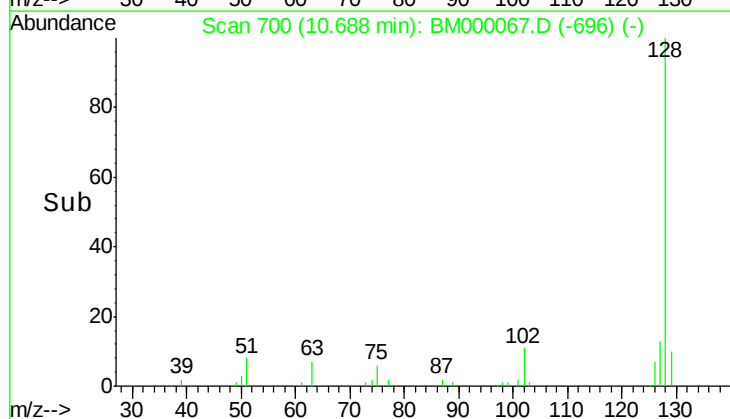
Manual Integrations
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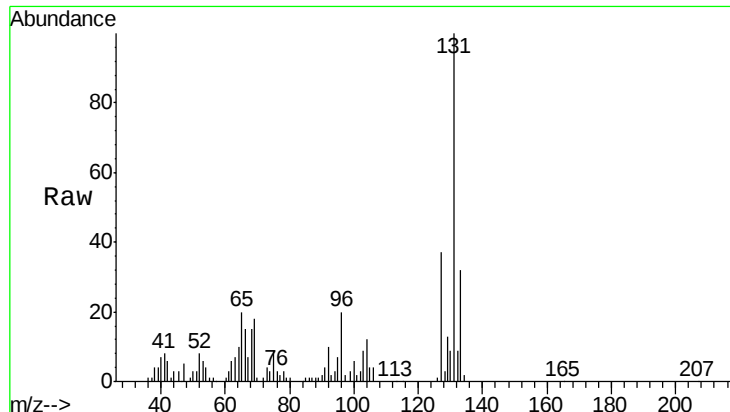
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#28
 Naphthalene
 Concen: 3.19 ng/ul
 RT: 10.69 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	167281		
129	10.4	8.6	13.0	
127	12.7	10.3	15.5	





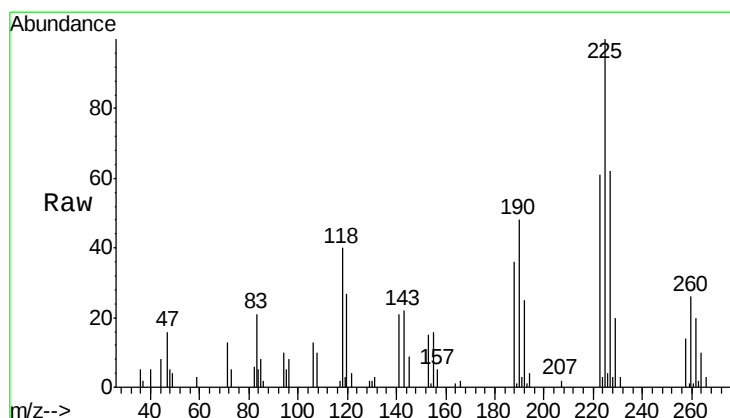
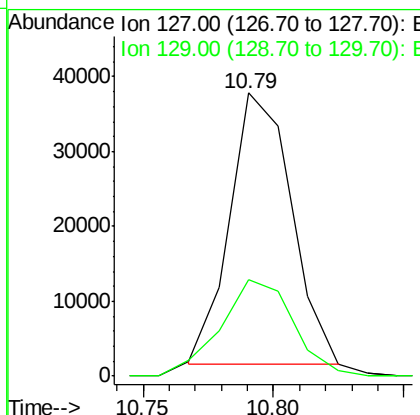
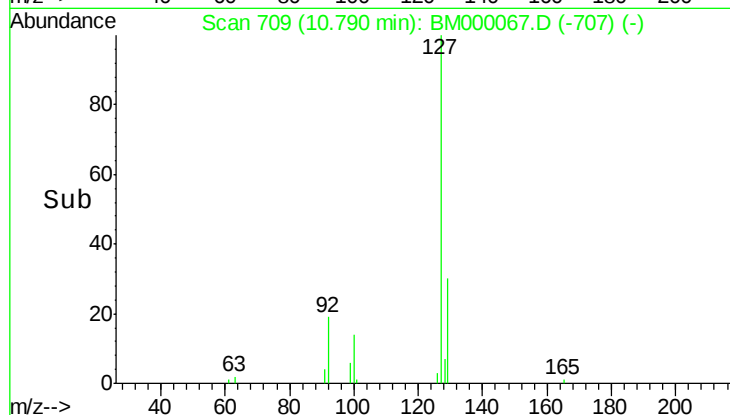
#30
 4-Chloroaniline
 Concen: 3.18 ng/ul
 RT: 10.79 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-1

Tgt Ion:127 Resp: 59744
 Ion Ratio Lower Upper
 127 100
 129 34.2 26.5 39.7

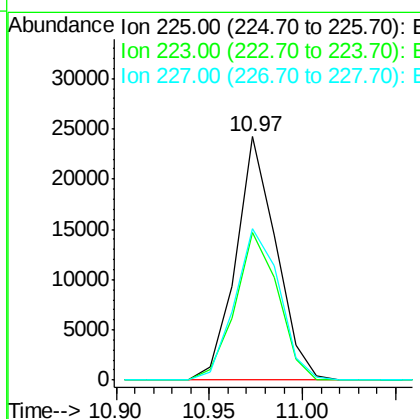
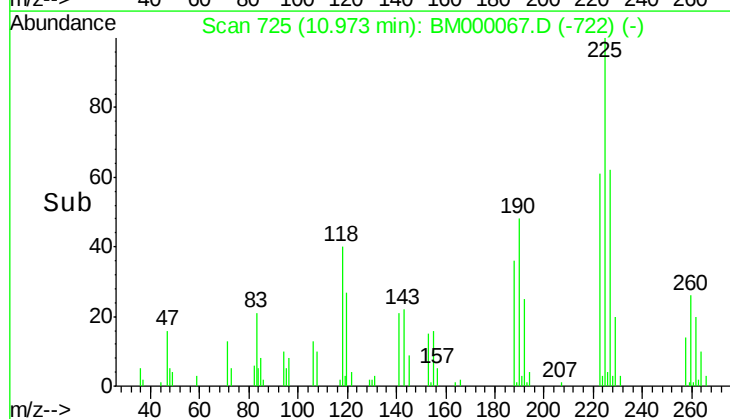
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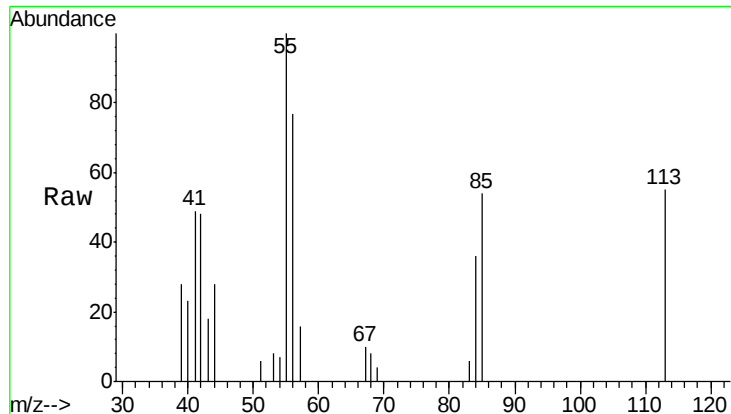
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#31
 Hexachlorobutadiene
 Concen: 3.22 ng/ul
 RT: 10.97 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Tgt Ion:225 Resp: 36480
 Ion Ratio Lower Upper
 225 100
 223 60.5 54.4 81.6
 227 62.0 51.8 77.8





#32

Caprolactam

Concen: 2.90 ng/ul m

RT: 11.58 min Scan# 778

Delta R.T. 0.03 min

Lab File: BM000067.D

Acq: 29 Dec 2014 20:19

Instrument :

BNA_M

ClientSampled :

MDL-Soil-1

Tgt Ion:113 Resp: 15444

Ion Ratio Lower Upper

113 100

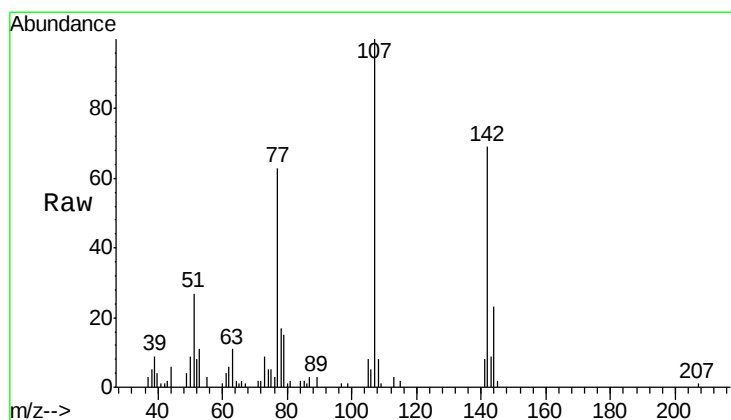
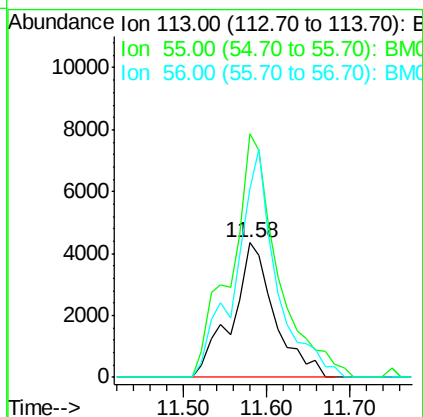
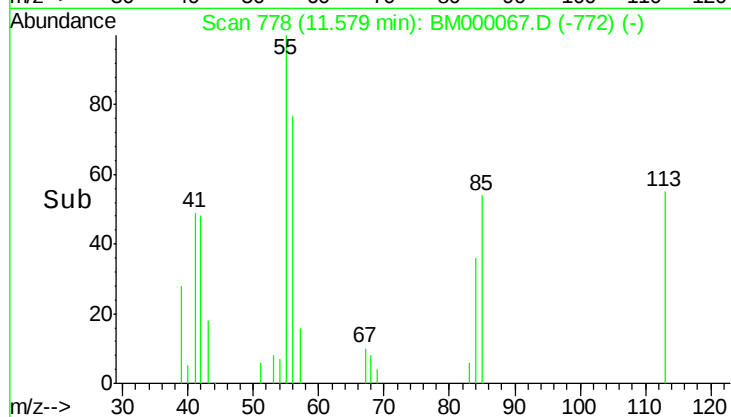
55 180.7 156.6 234.8

56 139.5 126.3 189.5

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#33

4-Chloro-3-methylphenol

Concen: 2.96 ng/ul

RT: 11.91 min Scan# 807

Delta R.T. -0.00 min

Lab File: BM000067.D

Acq: 29 Dec 2014 20:19

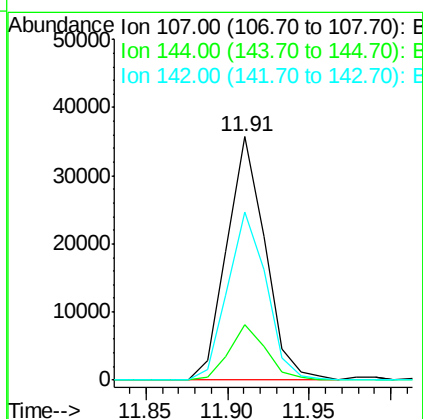
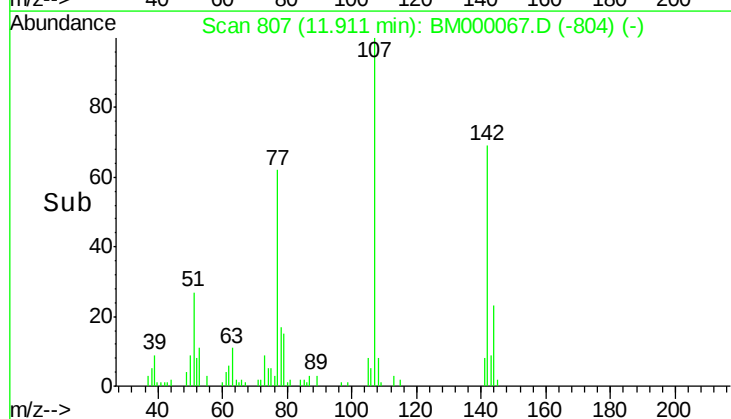
Tgt Ion:107 Resp: 58139

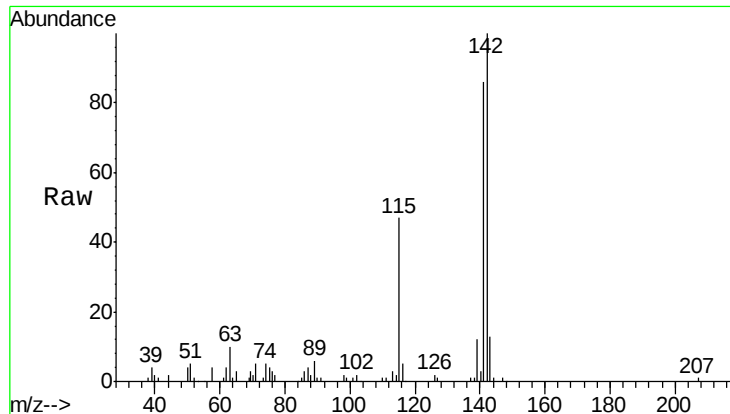
Ion Ratio Lower Upper

107 100

144 22.8 16.6 24.8

142 69.0 54.6 82.0





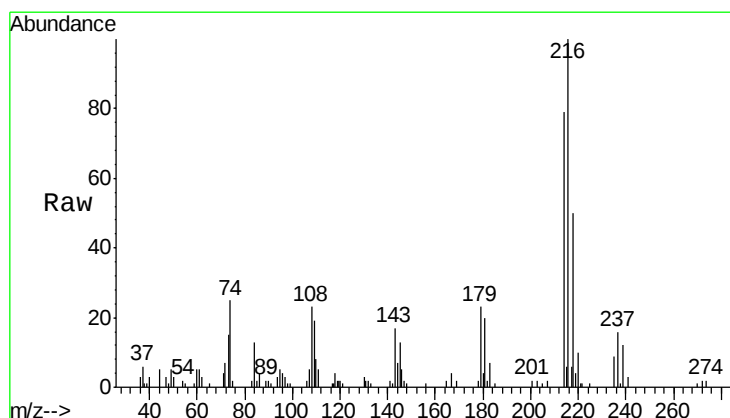
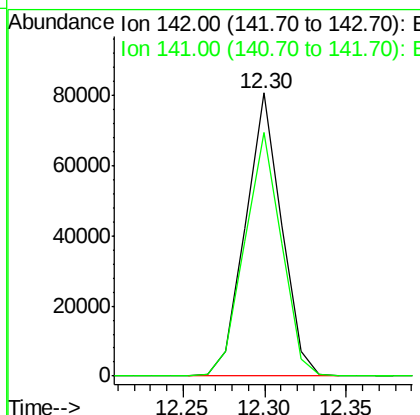
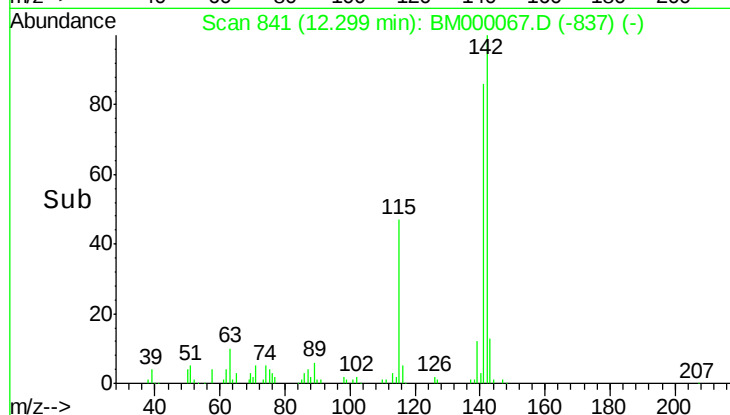
#34
 2-Methylnaphthalene
 Concen: 3.19 ng/ul
 RT: 12.30 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-1

Tgt Ion:142 Resp: 123866
 Ion Ratio Lower Upper
 142 100
 141 85.9 69.3 103.9

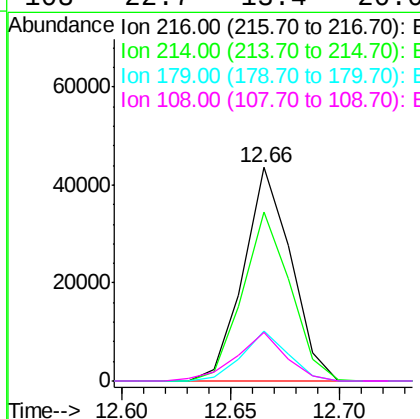
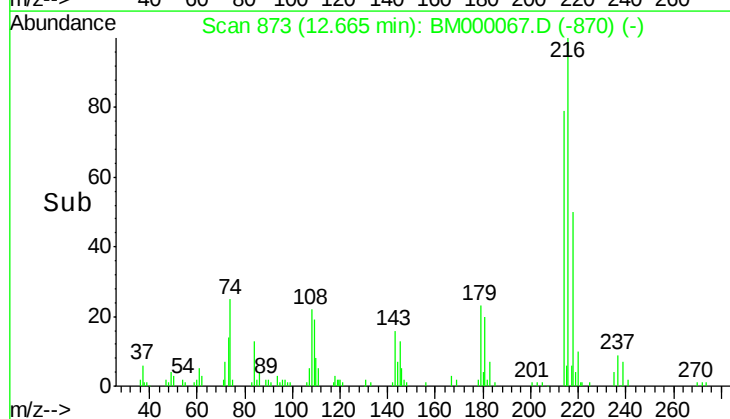
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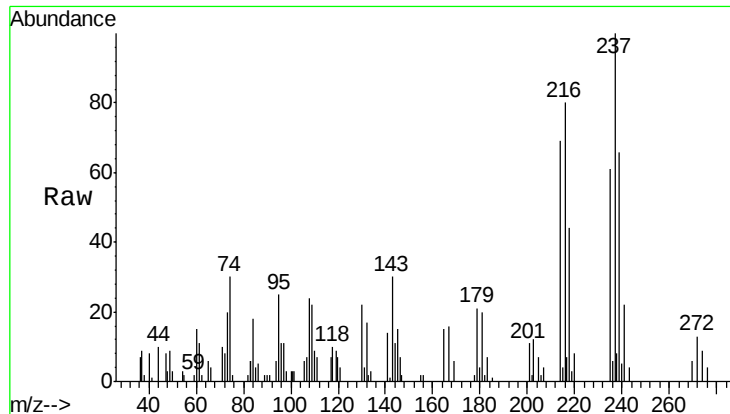
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.27 ng/ul
 RT: 12.66 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Tgt Ion:216 Resp: 66652
 Ion Ratio Lower Upper
 216 100
 214 79.1 62.6 94.0
 179 23.3 17.4 26.2
 108 22.7 13.4 20.0#





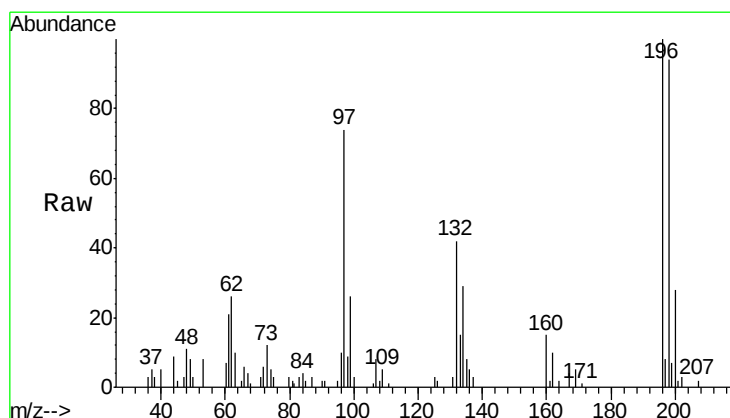
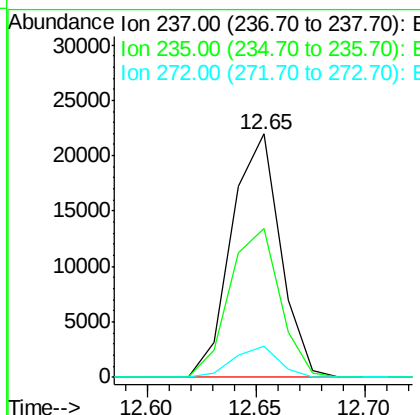
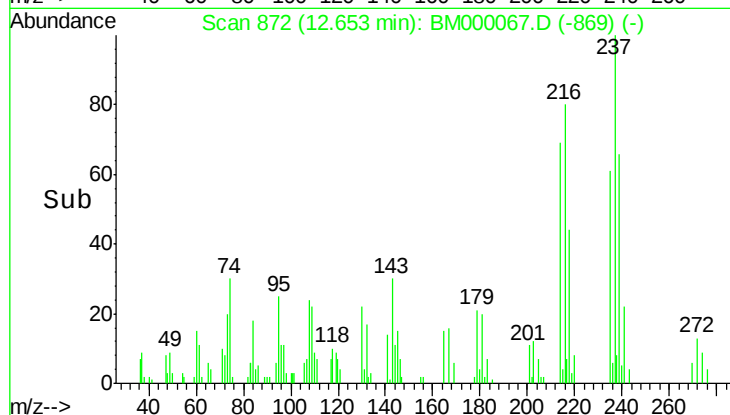
#37
Hexachlorocyclopentadiene
Concen: 2.54 ng/ul
RT: 12.65 min Scan# 872
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-1

Tgt Ion:237 Resp: 34216
Ion Ratio Lower Upper
237 100
235 61.2 50.0 75.0
272 12.6 8.9 13.3

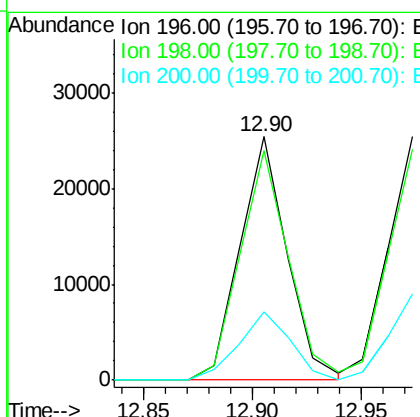
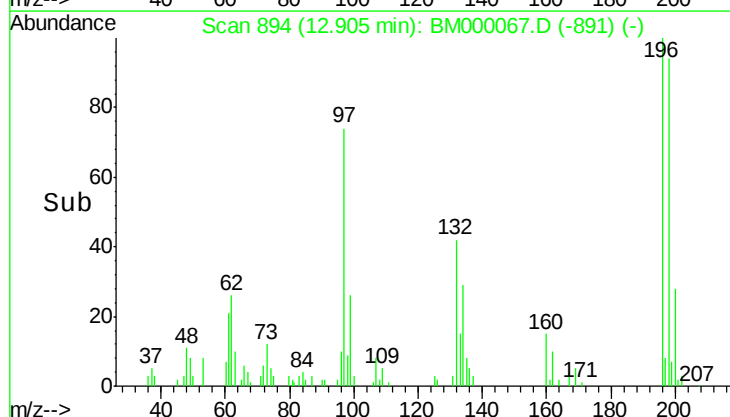
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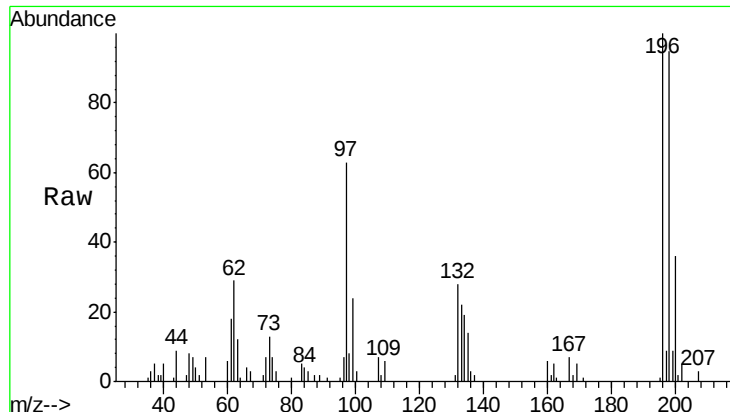
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#38
2,4,6-Trichlorophenol
Concen: 2.94 ng/ul
RT: 12.90 min Scan# 894
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Tgt Ion:196 Resp: 38286
Ion Ratio Lower Upper
196 100
198 94.5 76.6 114.8
200 28.2 24.5 36.7





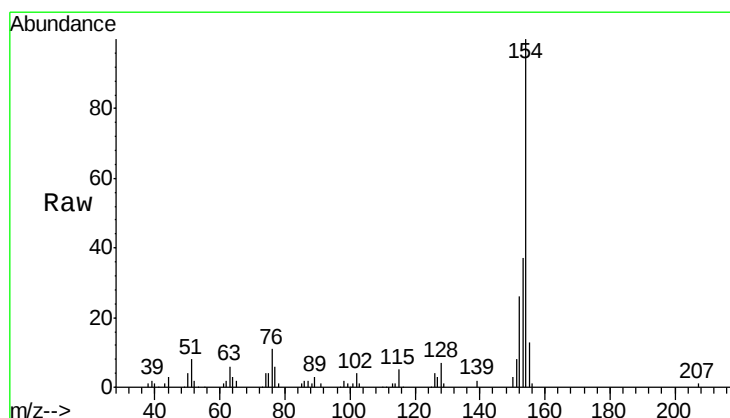
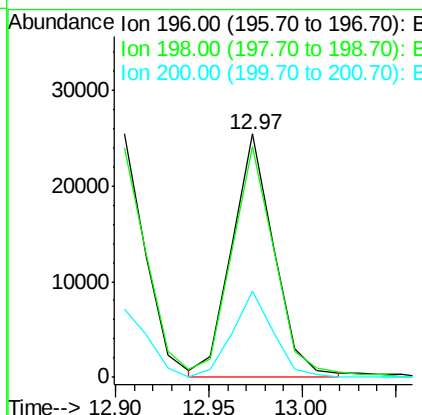
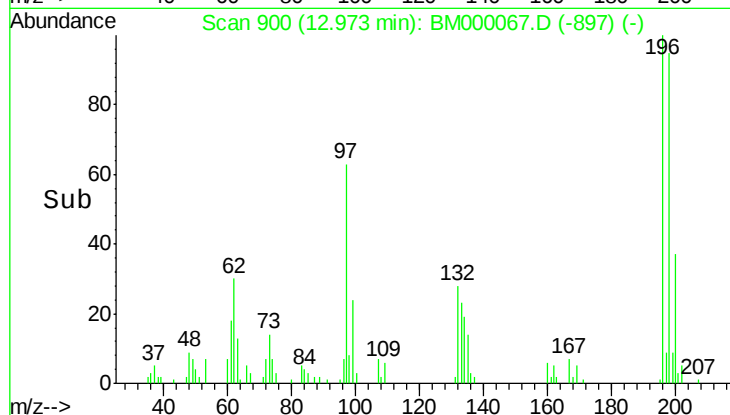
#39
 2,4,5-Trichlorophenol
 Concen: 2.85 ng/ul
 RT: 12.97 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-1

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	40282		
198	94.8	75.4	113.2	
200	35.7	25.0	37.4	

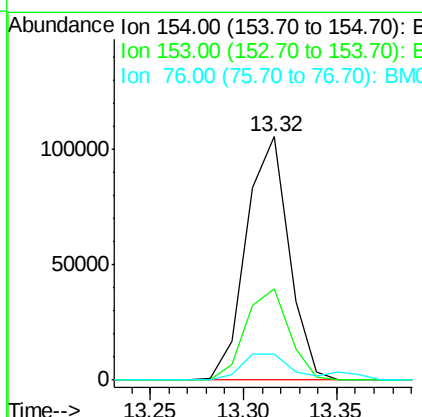
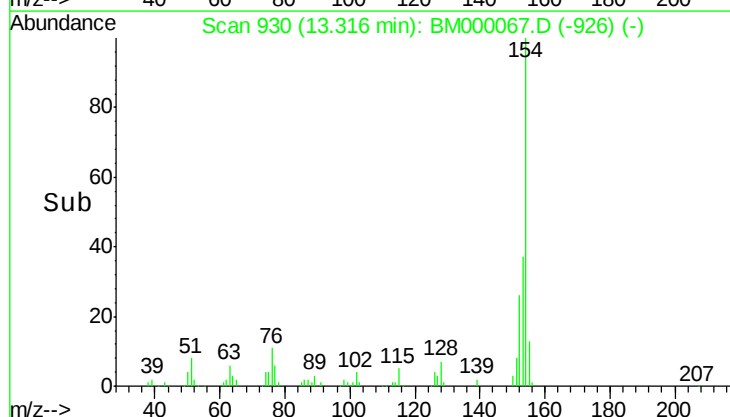
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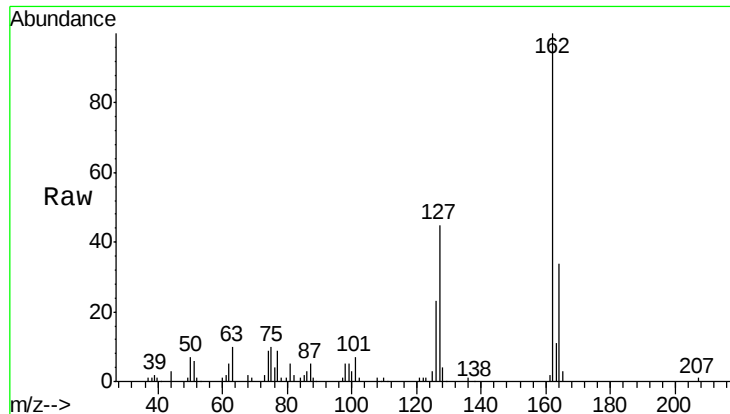
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#40
 1,1'-Biphenyl
 Concen: 3.16 ng/ul
 RT: 13.32 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	167850		
153	37.3	30.5	45.7	
76	10.9	8.9	13.3	





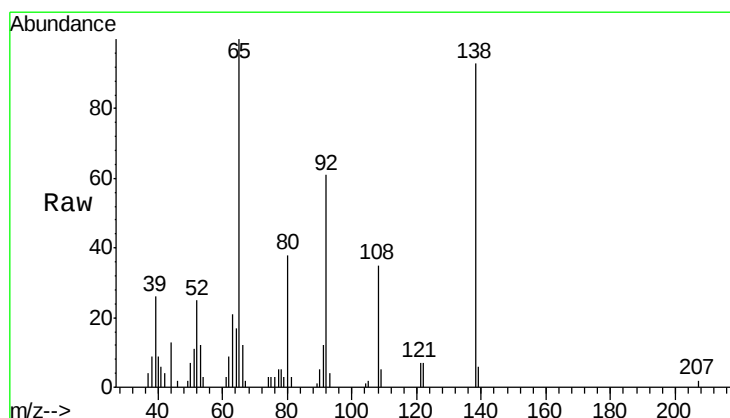
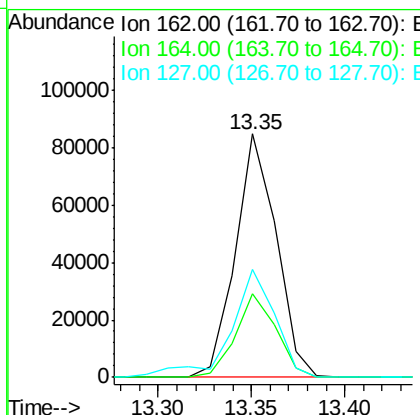
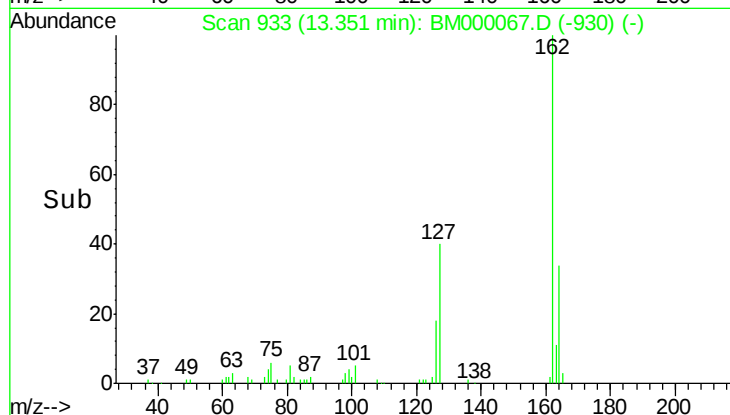
#41
 2-Chloronaphthalene
 Concen: 3.17 ng/ul
 RT: 13.35 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-1

Tgt Ion: 162 Resp: 128895
 Ion Ratio Lower Upper
 162 100
 164 34.4 25.8 38.6
 127 44.6 35.9 53.9

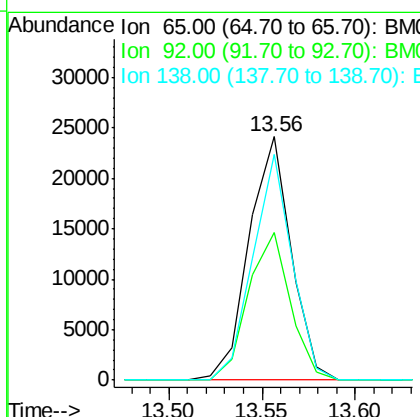
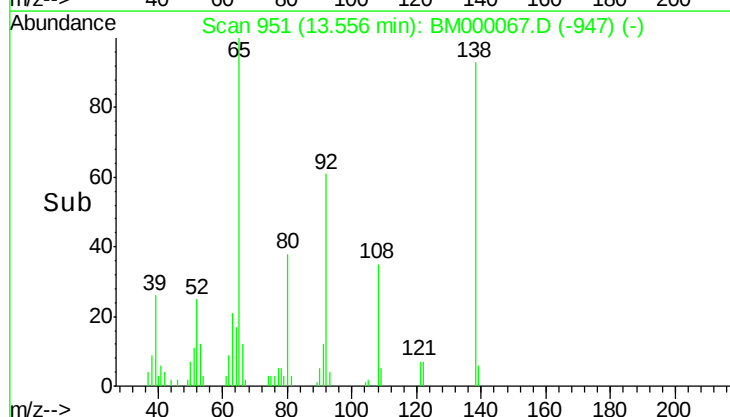
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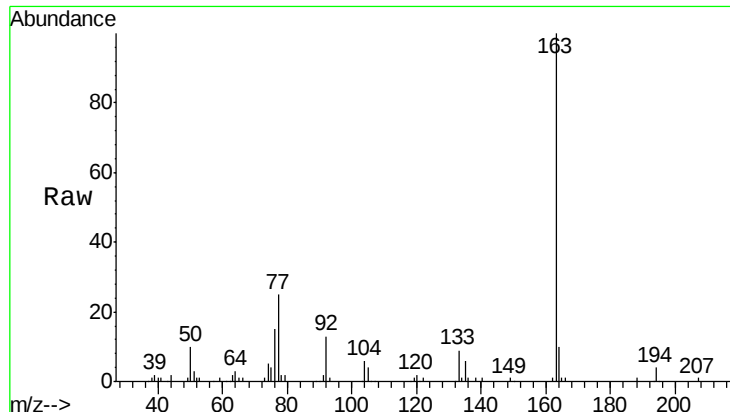
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#42
 2-Nitroaniline
 Concen: 2.87 ng/ul
 RT: 13.56 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Tgt Ion: 65 Resp: 37790
 Ion Ratio Lower Upper
 65 100
 92 60.6 50.4 75.6
 138 92.8 66.9 100.3





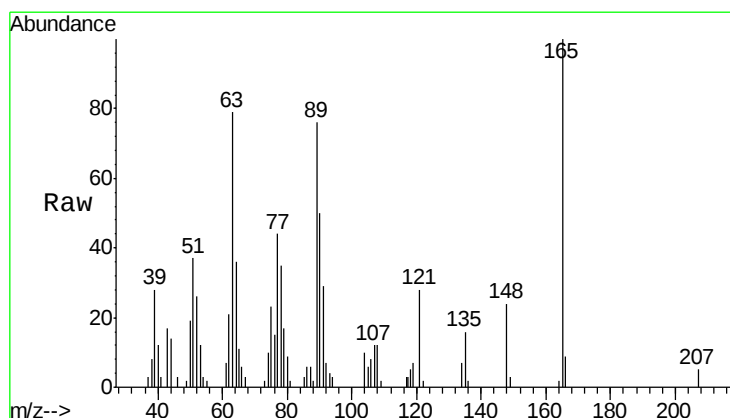
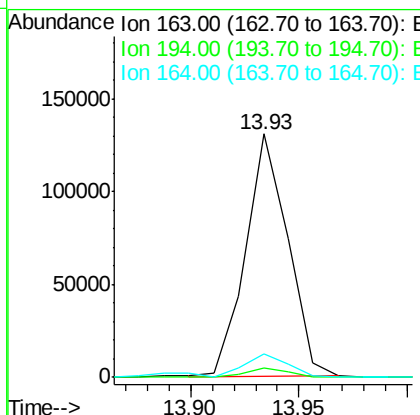
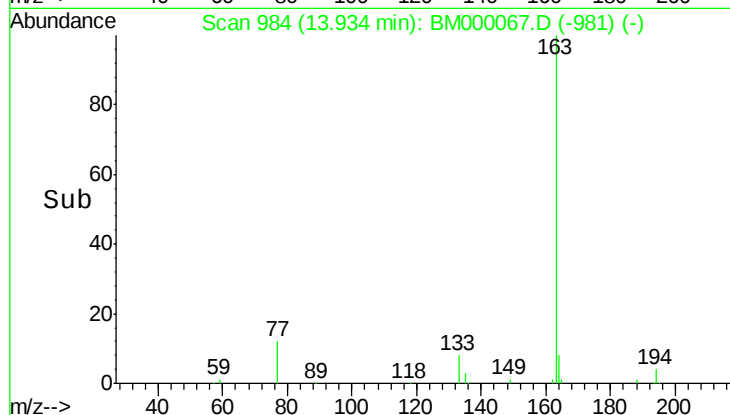
#44
Dimethylphthalate
Concen: 3.26 ng/ul
RT: 13.93 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-1

Tgt Ion:163 Resp: 176427
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.7 8.5 12.7

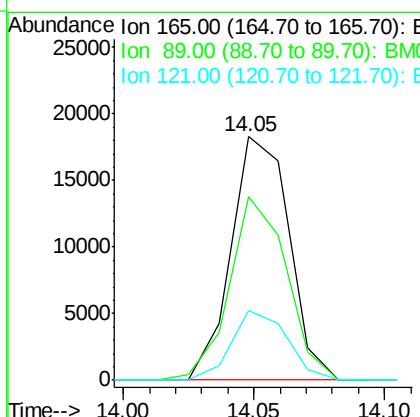
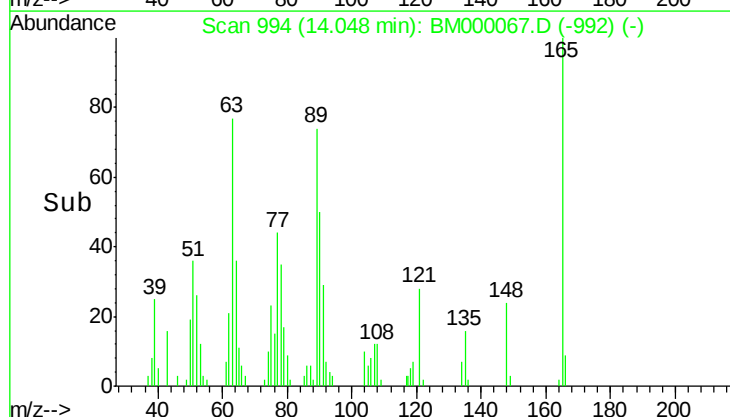
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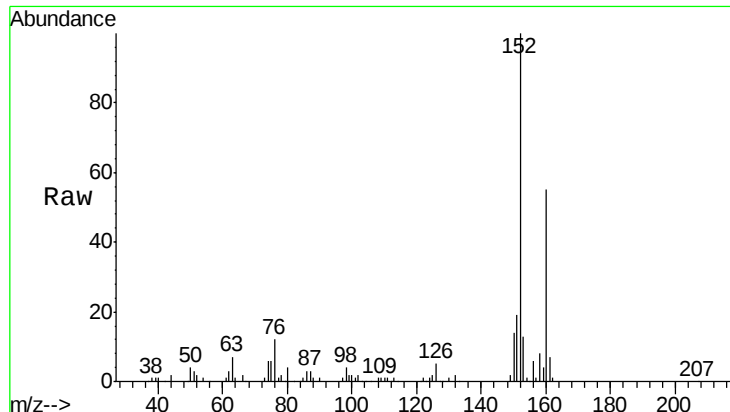
TEJASKUMAR
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#45
2,6-Dinitrotoluene
Concen: 2.94 ng/ul
RT: 14.05 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Tgt Ion:165 Resp: 28426
Ion Ratio Lower Upper
165 100
89 75.6 54.4 81.6
121 28.4 18.6 28.0#





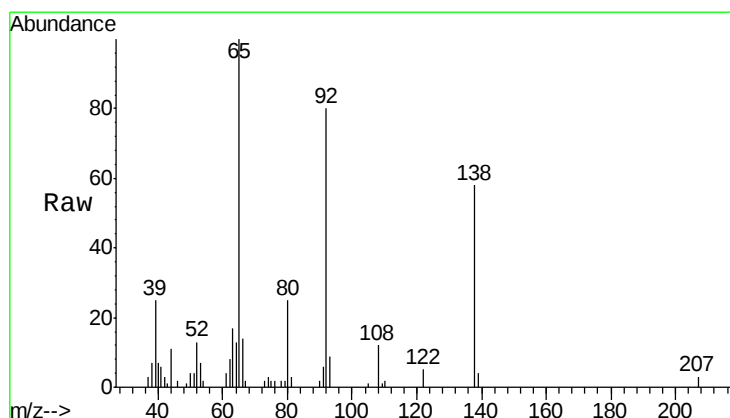
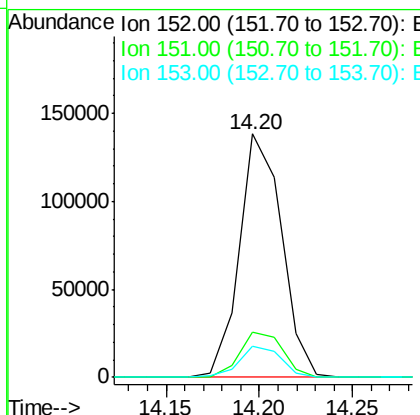
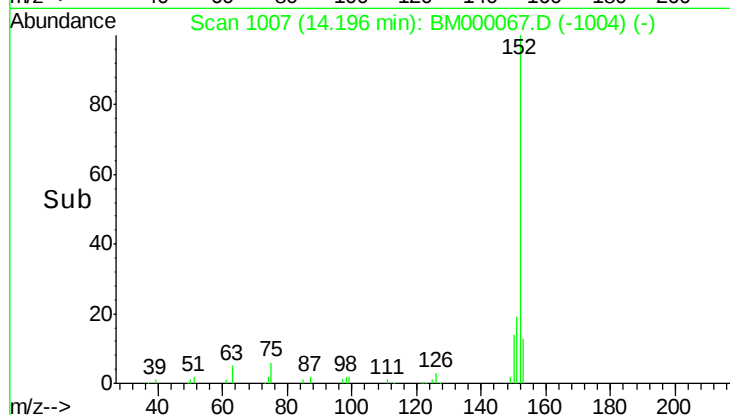
#47
 Acenaphthylene
 Concen: 3.18 ng/ul
 RT: 14.20 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-1

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	217762		
151	18.6		15.4	23.2
153	12.8		10.2	15.2

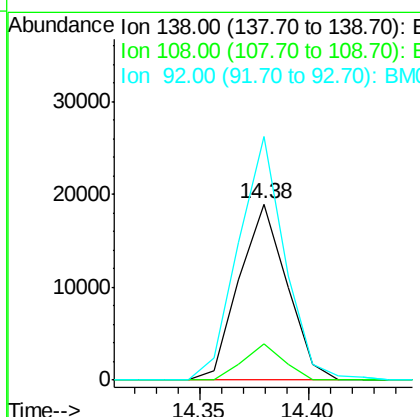
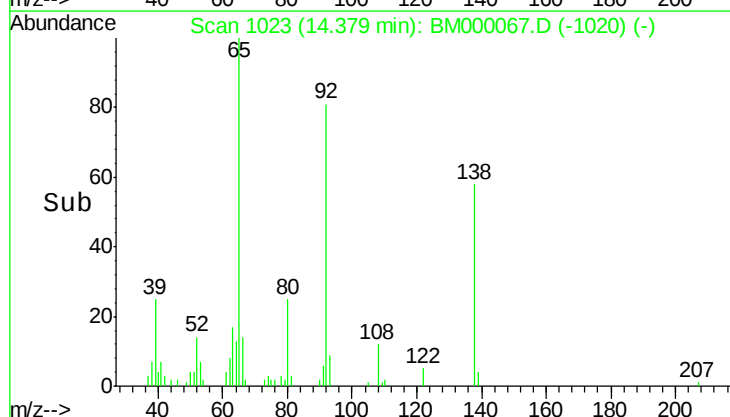
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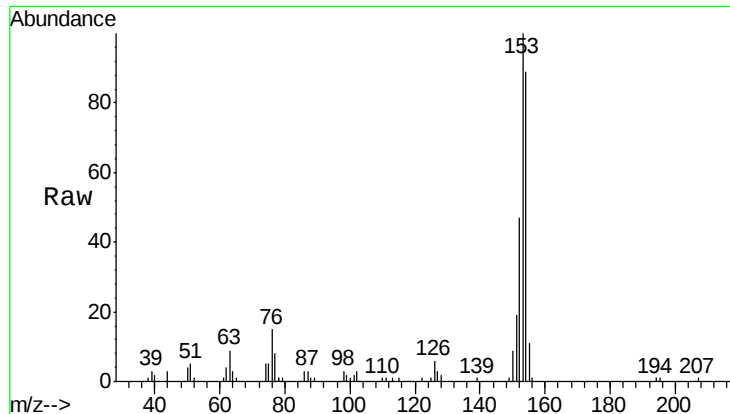
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#48
 3-Nitroaniline
 Concen: 2.93 ng/ul
 RT: 14.38 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	29048		
108	20.5		11.2	16.8#
92	138.5		110.6	165.8





#49

Acenaphthene

Concen: 3.18 ng/ul

RT: 14.54 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM000067.D

Acq: 29 Dec 2014 20:19

Instrument :

BNA_M

ClientSampleId :

MDL-Soil-1

Tgt Ion:153 Resp: 138897

Ion Ratio Lower Upper

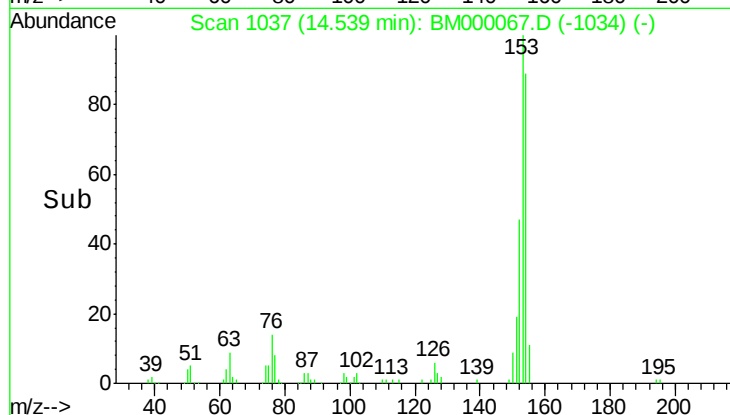
153 100

152 47.3 37.5 56.3

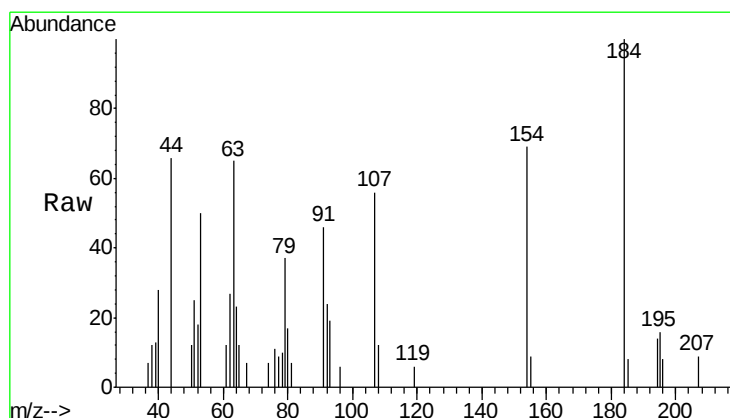
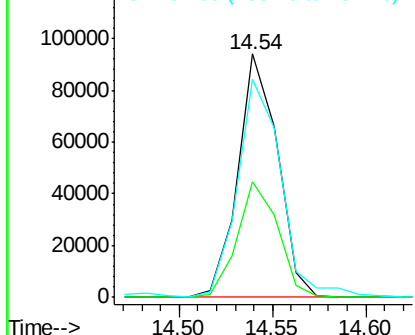
154 89.5 72.2 108.4

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 1.67 ng/ul

RT: 14.59 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BM000067.D

Acq: 29 Dec 2014 20:19

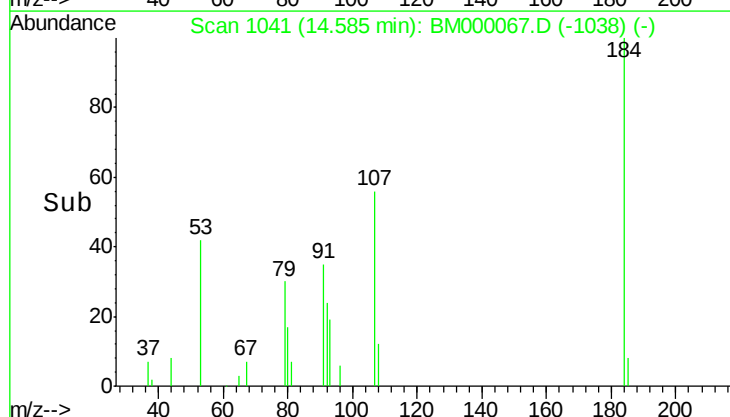
Tgt Ion:184 Resp: 8205

Ion Ratio Lower Upper

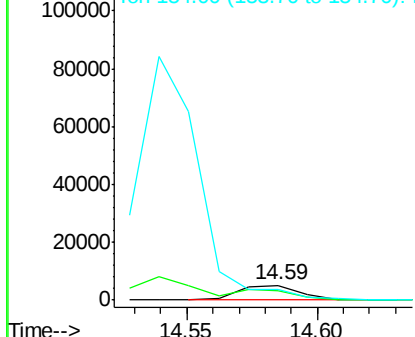
184 100

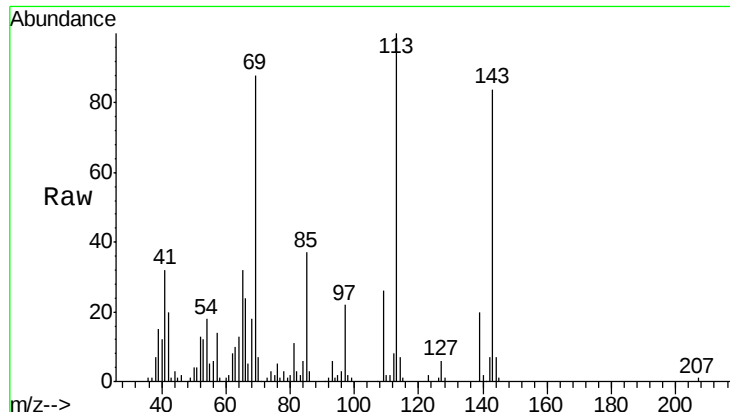
63 65.1 56.1 84.1

154 68.8 68.2 102.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 3.13 ng/ul

RT: 14.68 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BM000067.D

Acq: 29 Dec 2014 20:19

Instrument :

BNA_M

ClientSampleId :

MDL-Soil-1

Tgt Ion:109 Resp: 36449

Ion Ratio Lower Upper

109 100

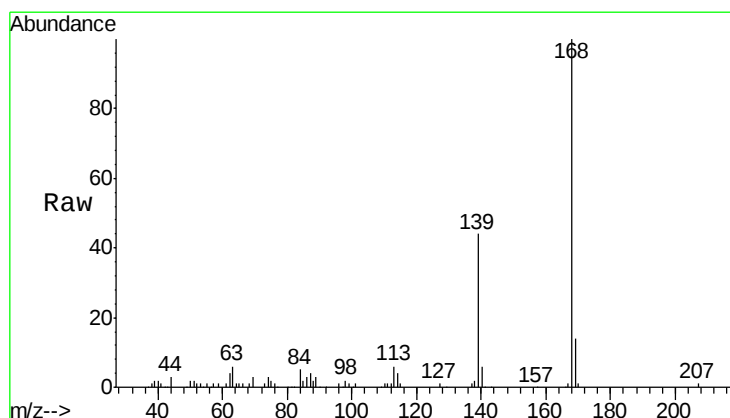
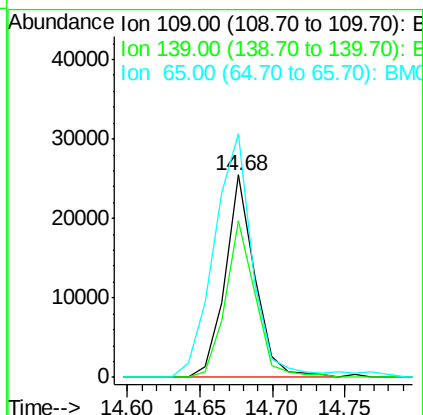
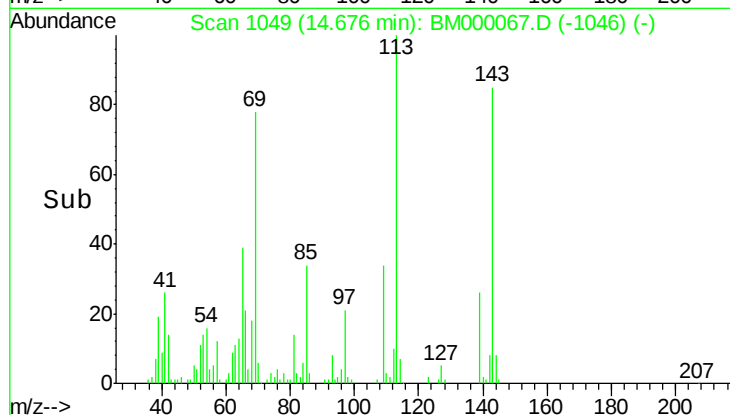
139 77.2 62.5 93.7

65 120.4 88.7 133.1

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#53

Dibenzofuran

Concen: 3.24 ng/ul

RT: 14.88 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BM000067.D

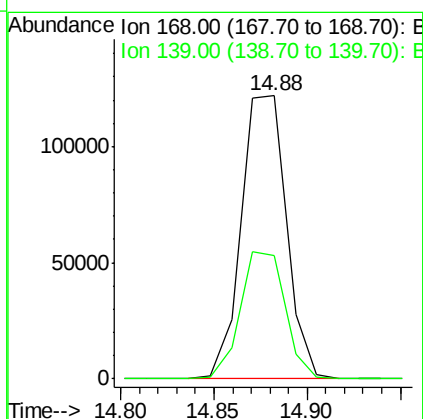
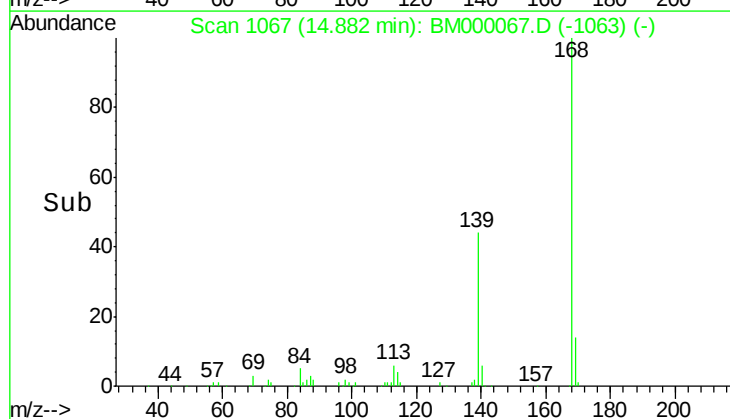
Acq: 29 Dec 2014 20:19

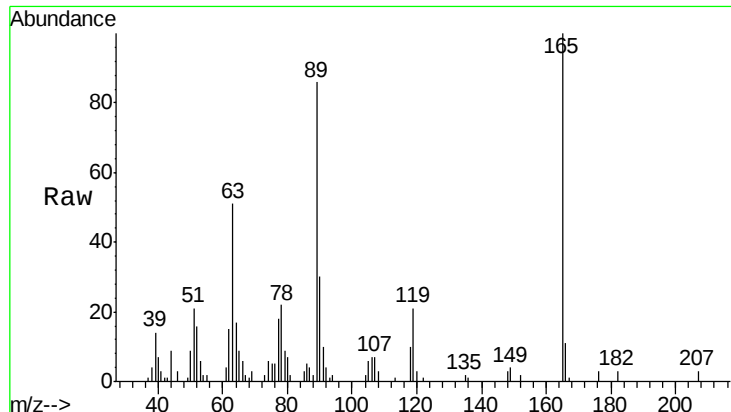
Tgt Ion:168 Resp: 204793

Ion Ratio Lower Upper

168 100

139 43.8 33.6 50.4





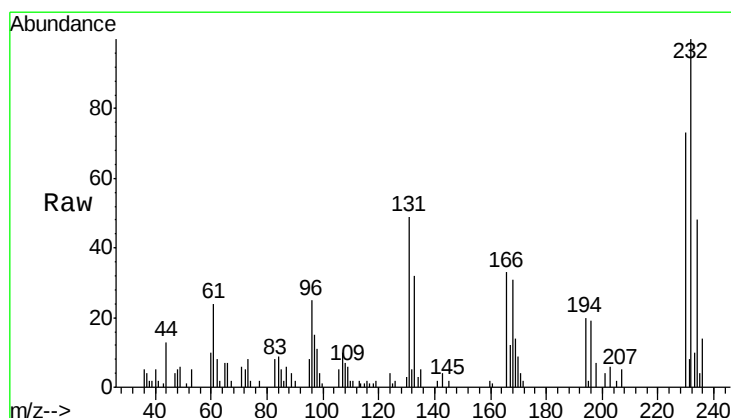
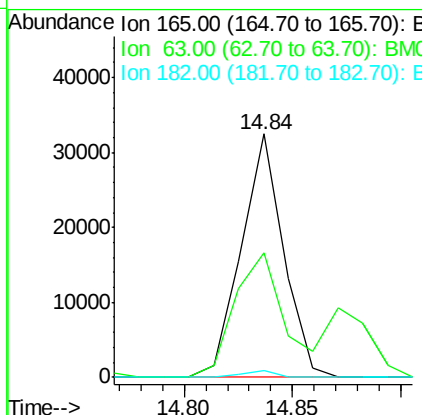
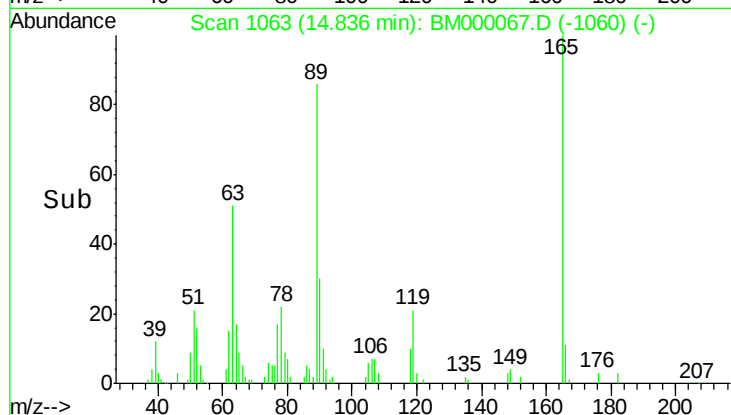
#54
2,4-Dinitrotoluene
Concen: 3.04 ng/ul
RT: 14.84 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-1

Tgt Ion:165 Resp: 43887
Ion Ratio Lower Upper
165 100
63 51.0 48.8 73.2
182 2.6 2.1 3.1

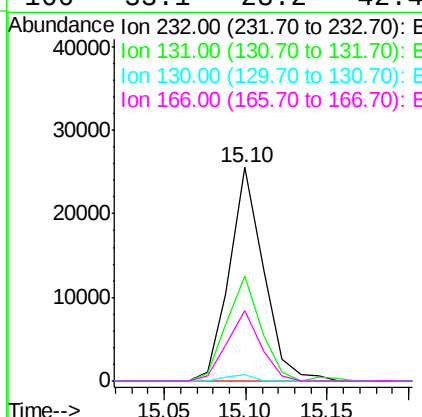
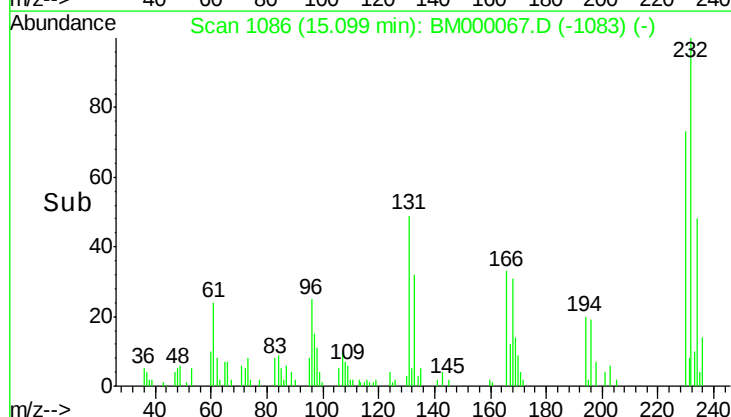
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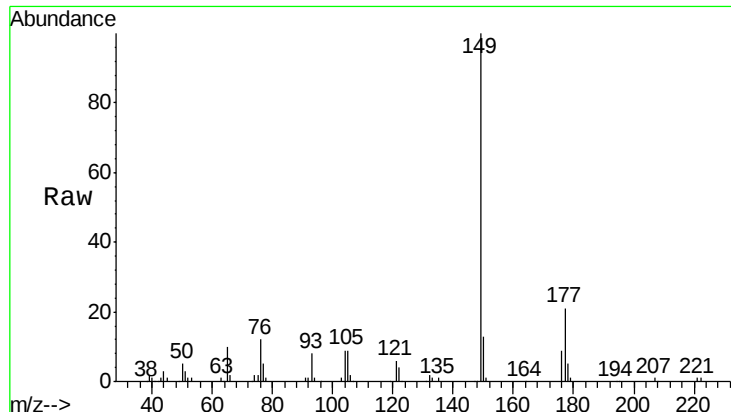
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#55
2,3,4,6-Tetrachlorophenol
Concen: 3.05 ng/ul
RT: 15.10 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Tgt Ion:232 Resp: 37166
Ion Ratio Lower Upper
232 100
131 49.2 43.4 65.0
130 3.2 2.7 4.1
166 33.1 28.2 42.4





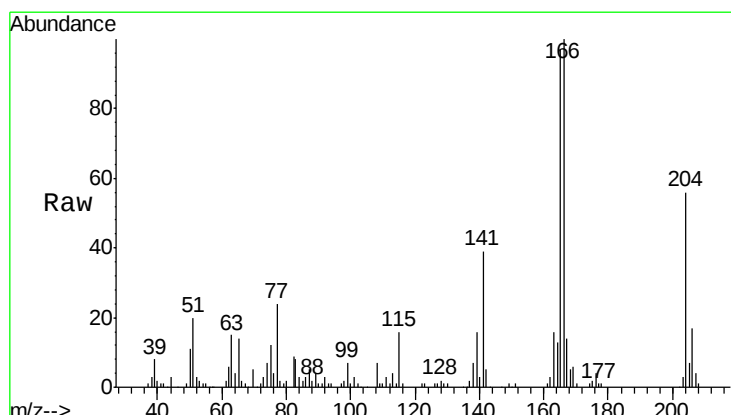
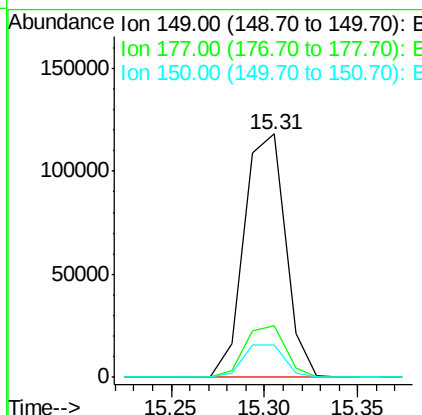
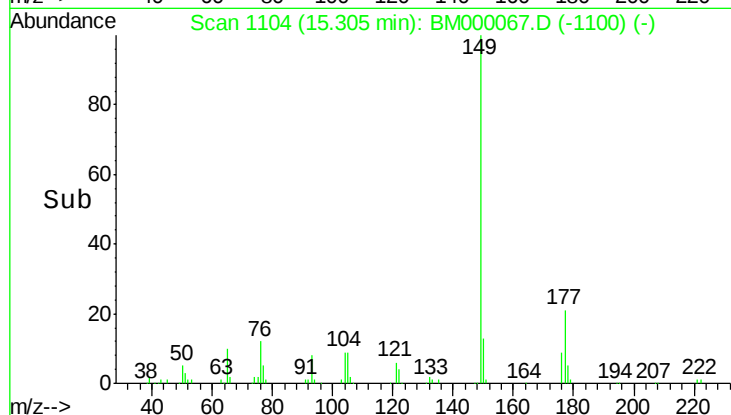
#56
Diethylphthalate
Concen: 3.21 ng/ul
RT: 15.31 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-1

Tgt Ion:149 Resp: 182442
Ion Ratio Lower Upper
149 100
177 21.4 17.4 26.2
150 13.1 10.5 15.7

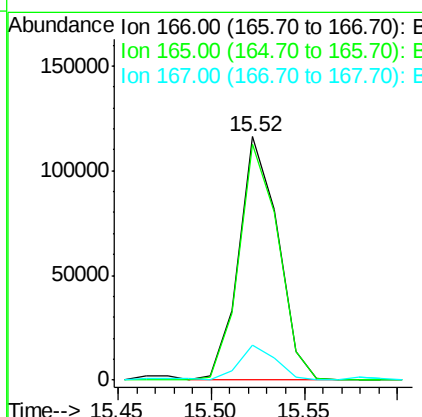
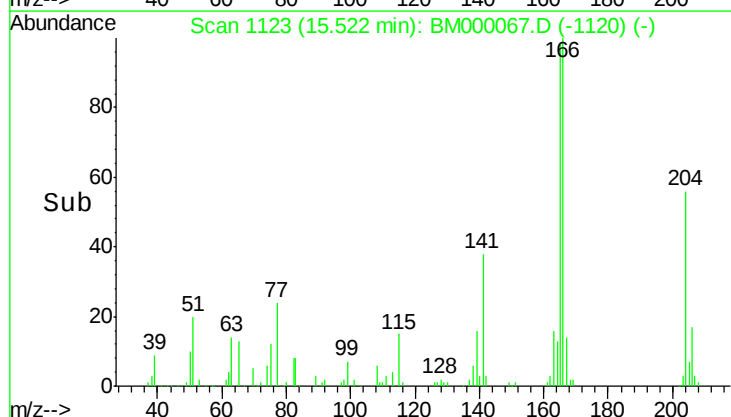
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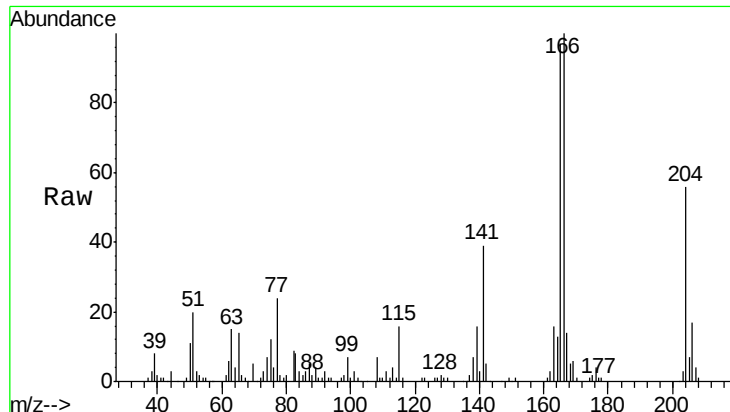
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#58
Fluorene
Concen: 3.22 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Tgt Ion:166 Resp: 169013
Ion Ratio Lower Upper
166 100
165 97.1 76.0 114.0
167 14.3 10.2 15.4





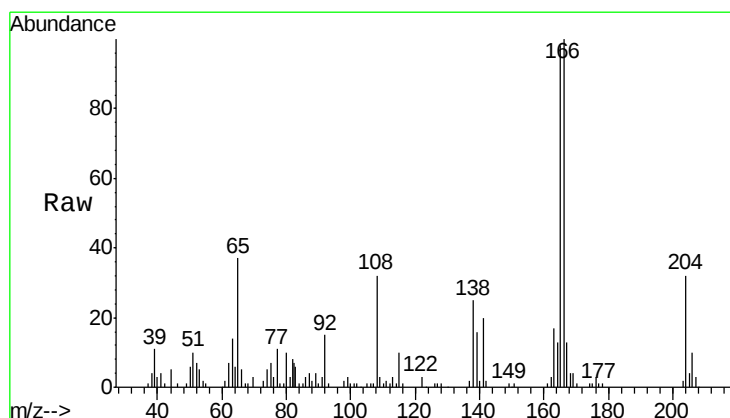
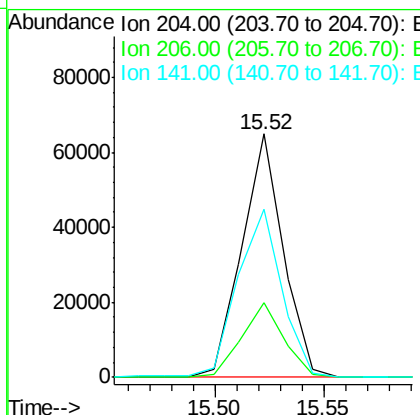
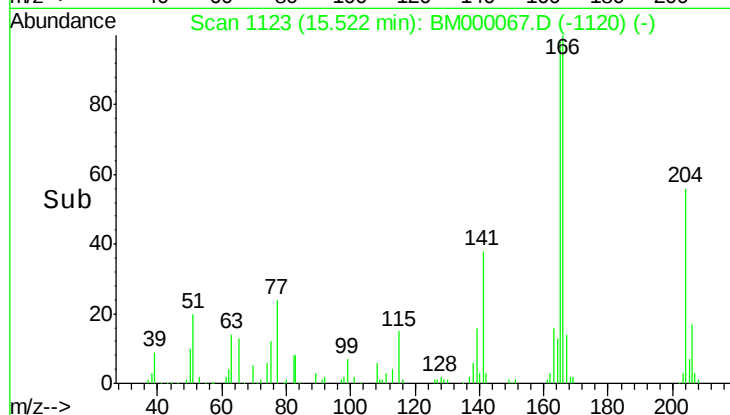
#59
4-Chlorophenyl-phenylether
Concen: 3.32 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-1

Tgt Ion:204 Resp: 86090
Ion Ratio Lower Upper
204 100
206 30.5 25.8 38.8
141 69.0 61.3 91.9

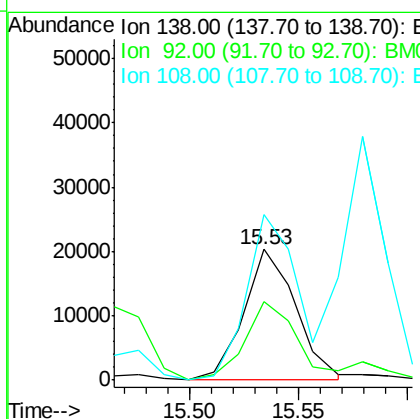
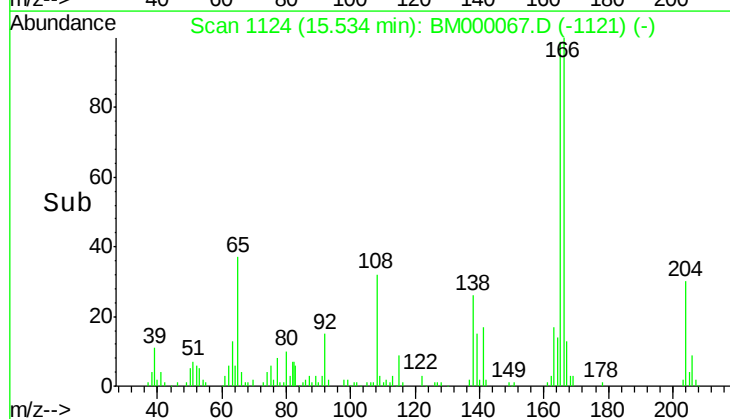
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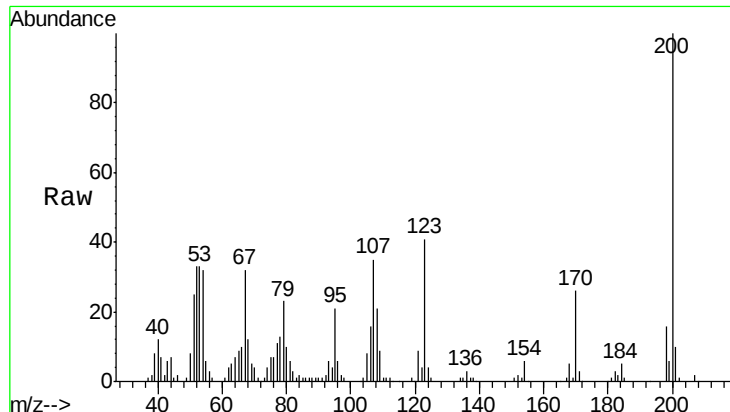
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#60
4-Nitroaniline
Concen: 3.02 ng/ul
RT: 15.53 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Tgt Ion:138 Resp: 33763
Ion Ratio Lower Upper
138 100
92 60.5 49.3 73.9
108 127.2 110.3 165.5





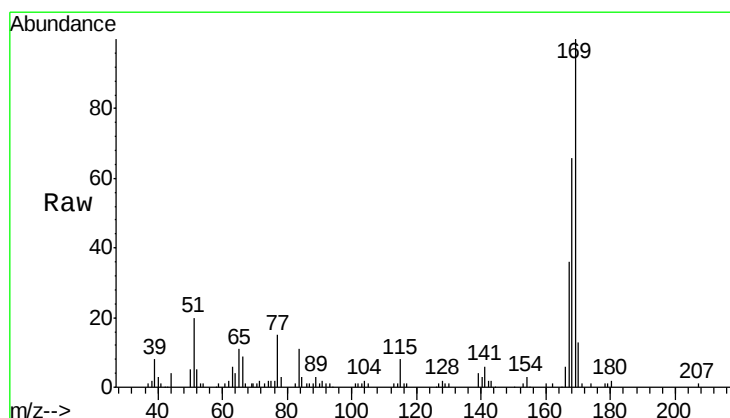
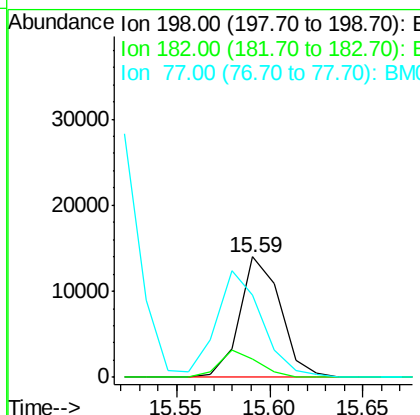
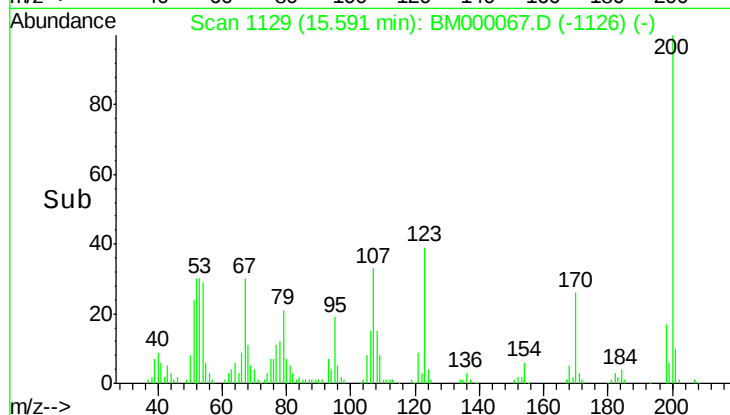
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.79 ng/ul
 RT: 15.59 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-1

Tgt Ion:198 Resp: 21246
 Ion Ratio Lower Upper
 198 100
 182 15.5 2.6 4.0#
 77 68.0 25.2 37.8#

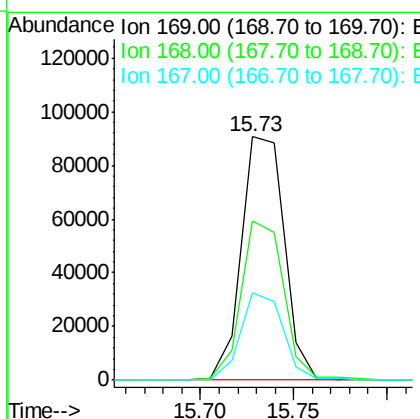
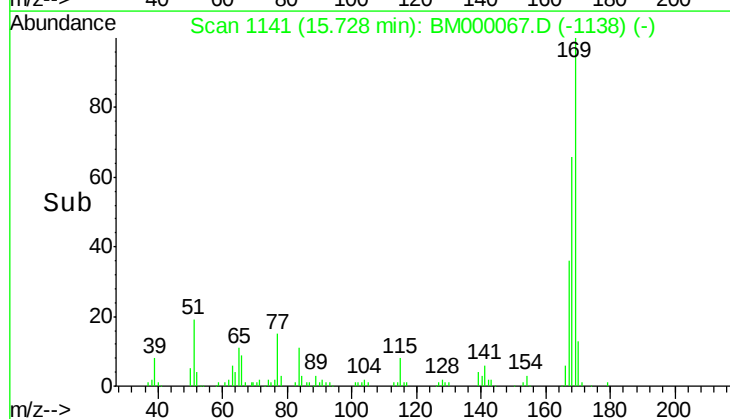
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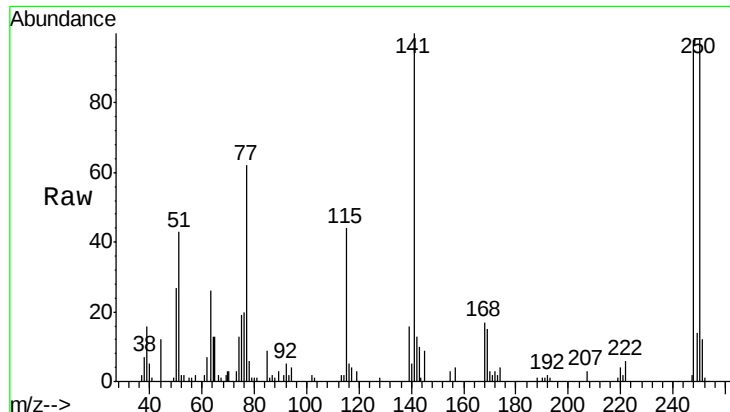
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#64
 N-Nitrosodiphenylamine
 Concen: 3.34 ng/ul
 RT: 15.73 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Tgt Ion:169 Resp: 145008
 Ion Ratio Lower Upper
 169 100
 168 65.6 51.8 77.6
 167 36.2 28.1 42.1





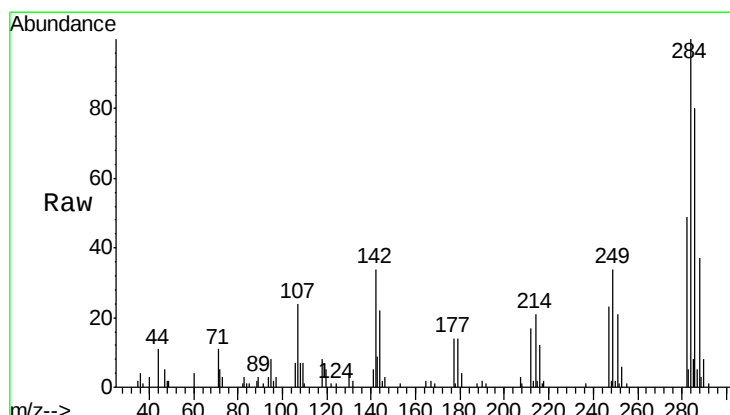
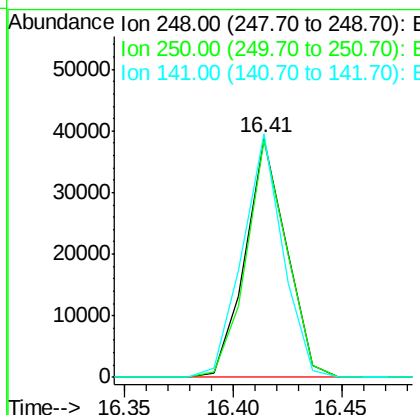
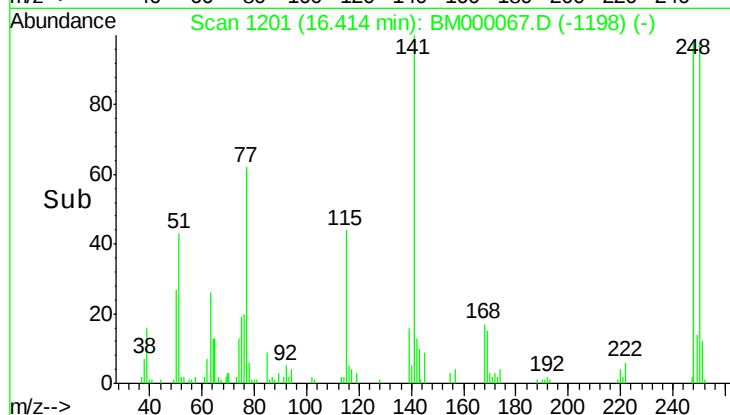
#65
 4-Bromophenyl-phenylether
 Concen: 3.35 ng/ul
 RT: 16.41 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-1

Tgt Ion:	248	Resp:	51191
Ion Ratio	Lower	Upper	
248	100		
250	99.4	78.4	117.6
141	101.9	67.0	100.4#

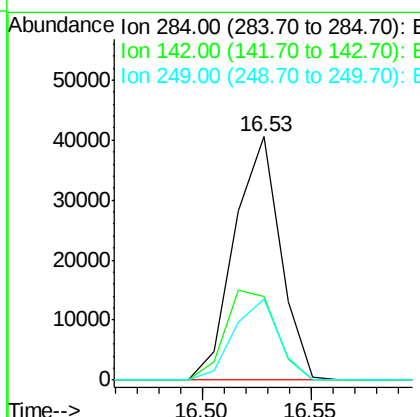
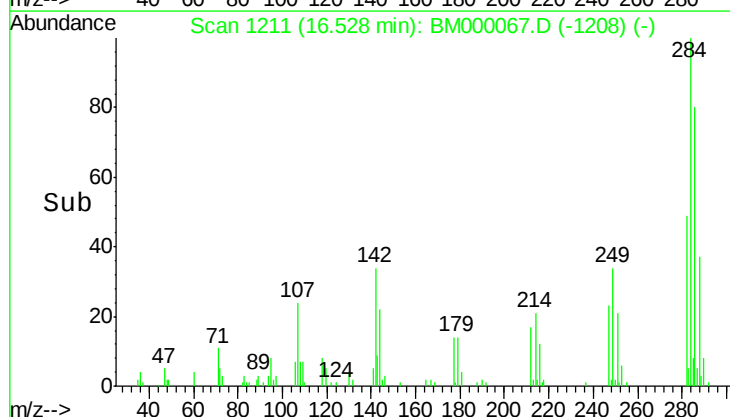
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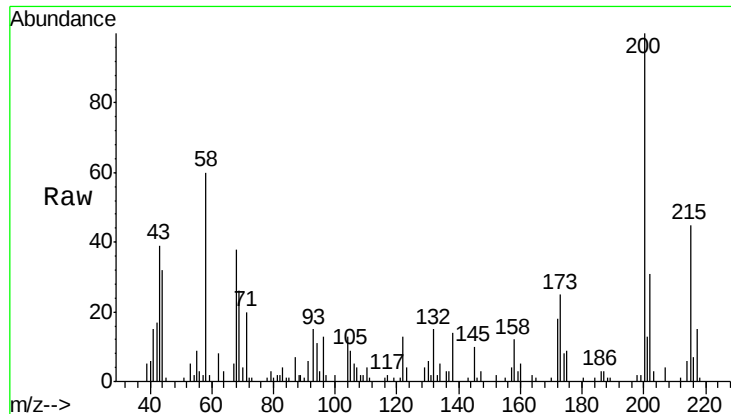
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#66
 Hexachlorobenzene
 Concen: 3.40 ng/ul
 RT: 16.53 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Tgt Ion:	284	Resp:	59817
Ion Ratio	Lower	Upper	
284	100		
142	34.3	32.4	48.6
249	33.5	26.7	40.1





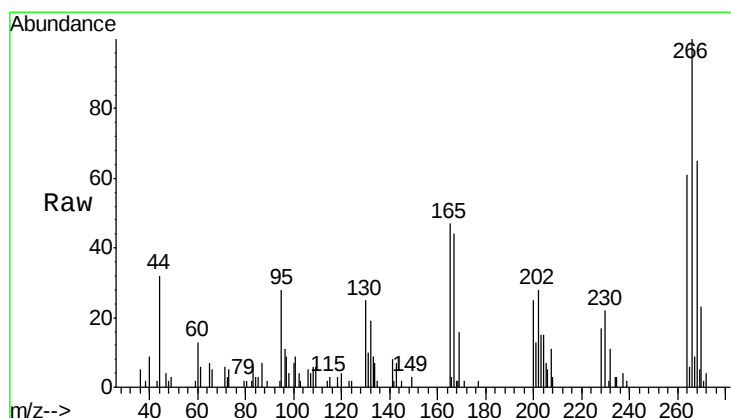
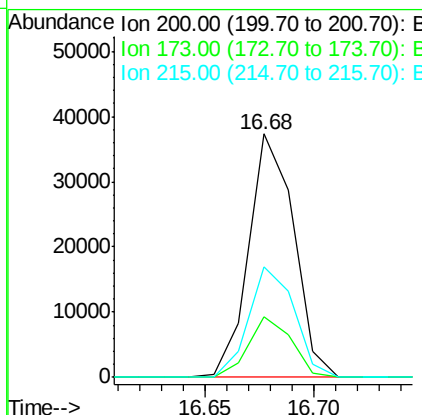
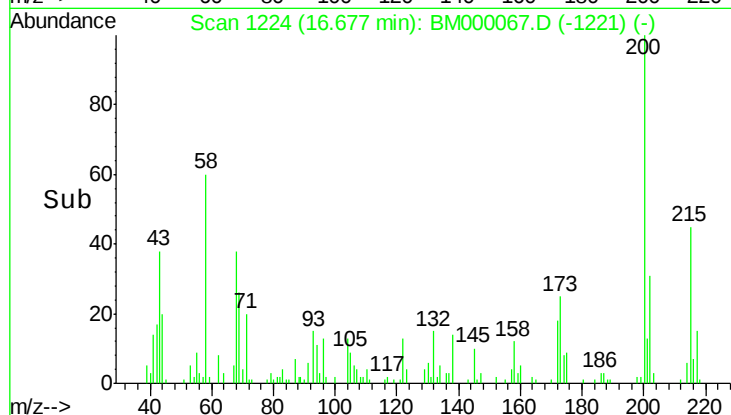
#67
Atrazine
Concen: 3.14 ng/ul
RT: 16.68 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-1

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	53885		
173	24.9	19.5	29.3	
215	45.4	36.6	54.8	

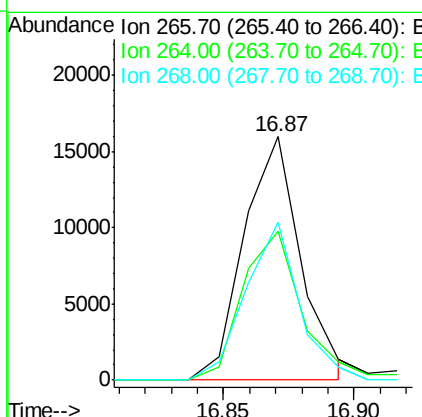
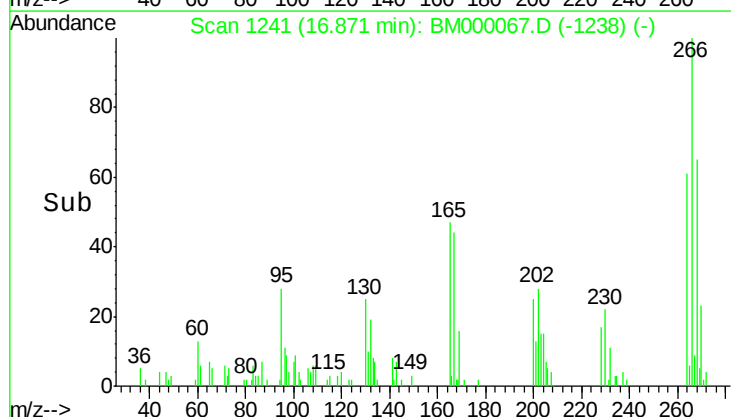
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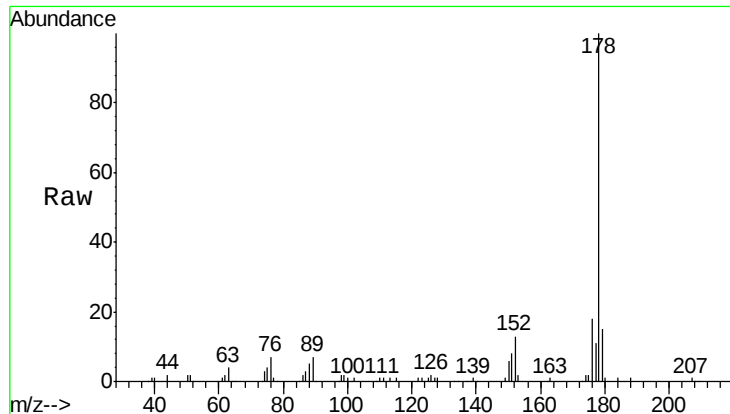
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#68
Pentachlorophenol
Concen: 2.27 ng/ul
RT: 16.87 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	24360		
264	61.2	49.8	74.6	
268	64.9	48.2	72.4	





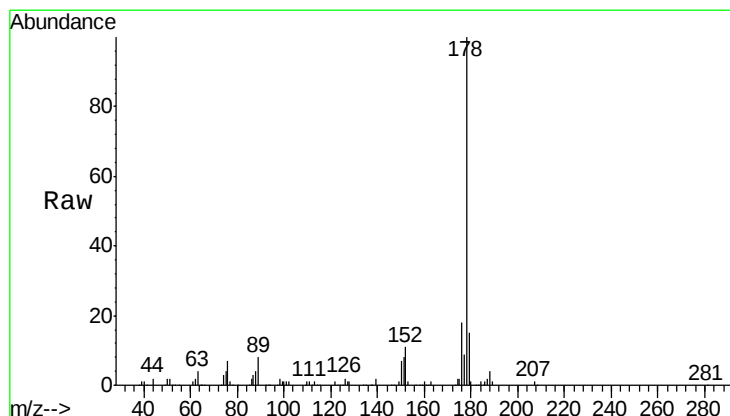
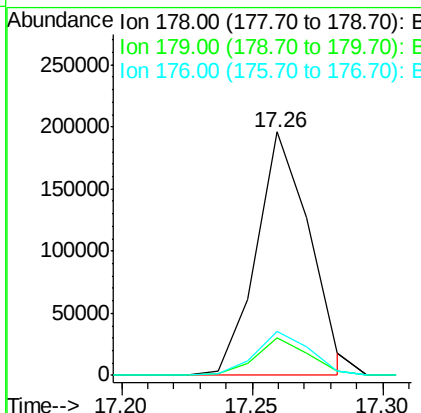
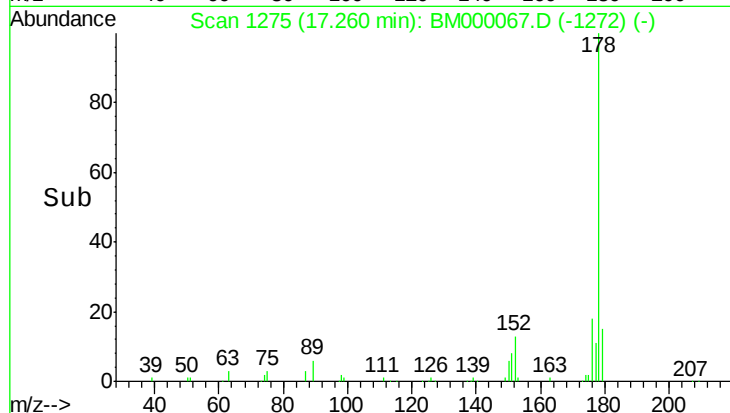
#69
 Phenanthrene
 Concen: 3.41 ng/ul
 RT: 17.26 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-1

Tgt Ion:	178	Resp:	276807
Ion Ratio	Lower	Upper	
178	100		
179	15.5	11.6	17.4
176	18.0	14.6	22.0

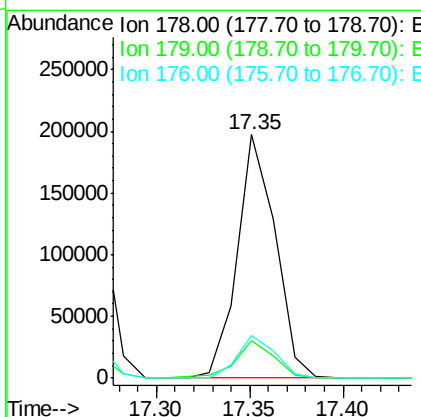
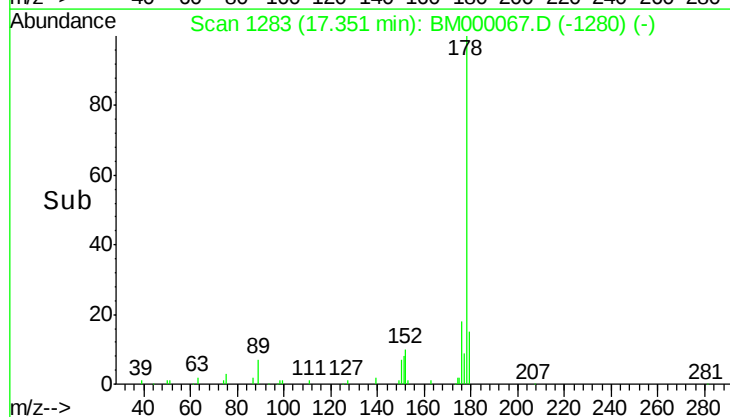
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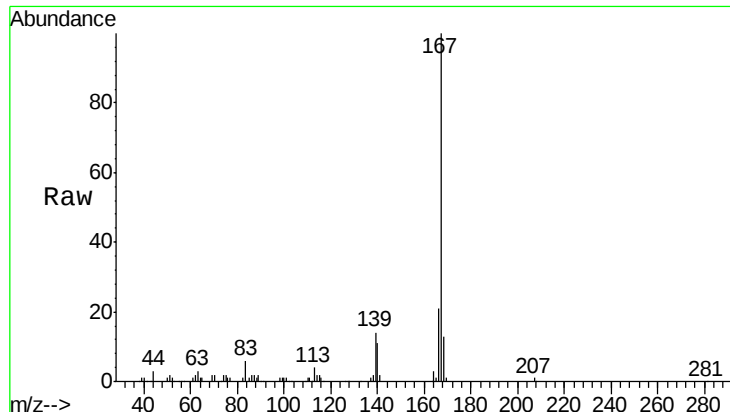
TEJASKUMAR
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#71
 Anthracene
 Concen: 3.34 ng/ul
 RT: 17.35 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Tgt Ion:	178	Resp:	278684
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.6	18.8
176	17.5	14.6	21.8





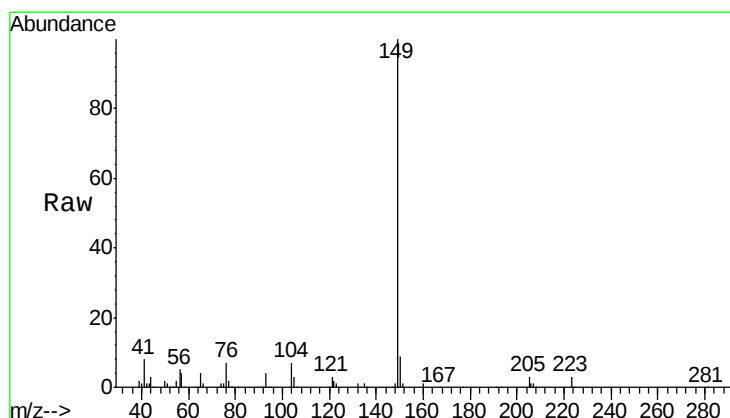
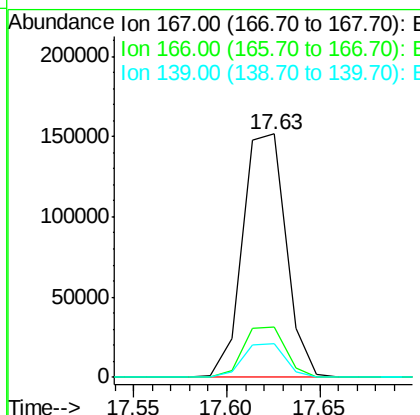
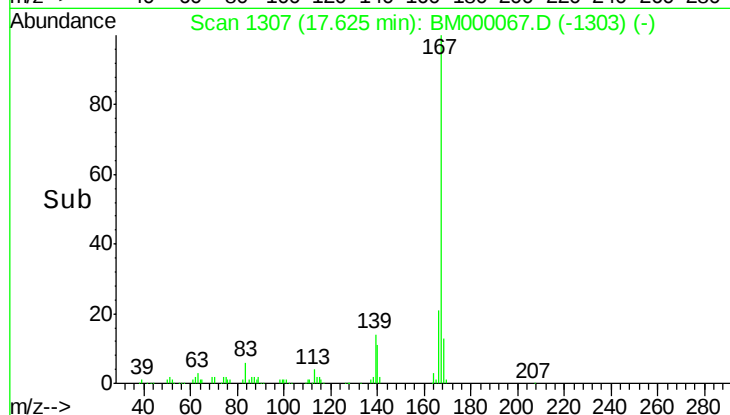
#72
 Carbazole
 Concen: 3.26 ng/ul
 RT: 17.63 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-1

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	16.2	24.4
139	14.0	10.7	16.1

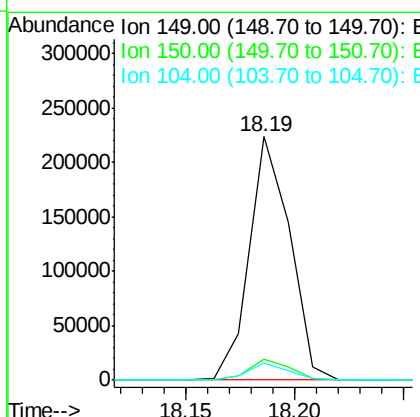
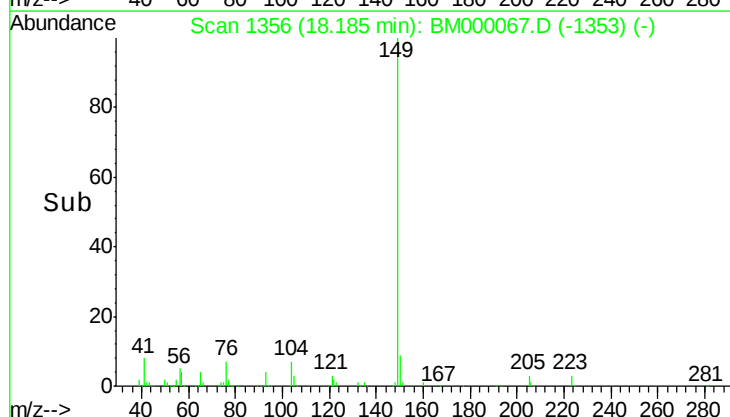
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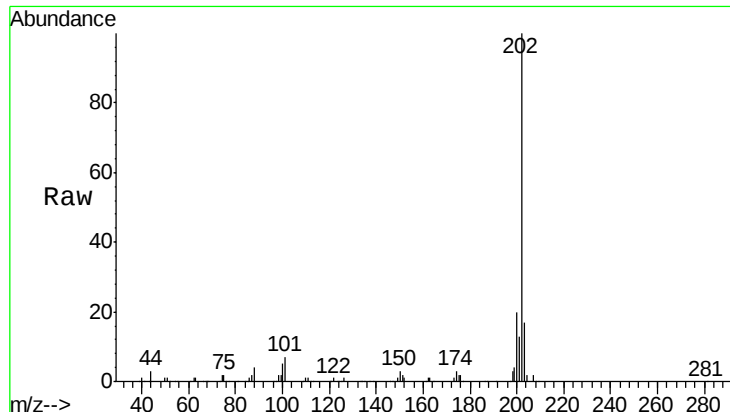
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#73
 Di-n-butylphthalate
 Concen: 3.26 ng/ul
 RT: 18.19 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BM000067.D
 Acq: 29 Dec 2014 20:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.1	10.7
104	7.1	4.8	7.2





#74

Fluoranthene

Concen: 3.38 ng/ul

RT: 19.28 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BM000067.D

Acq: 29 Dec 2014 20:19

Instrument :

BNA_M

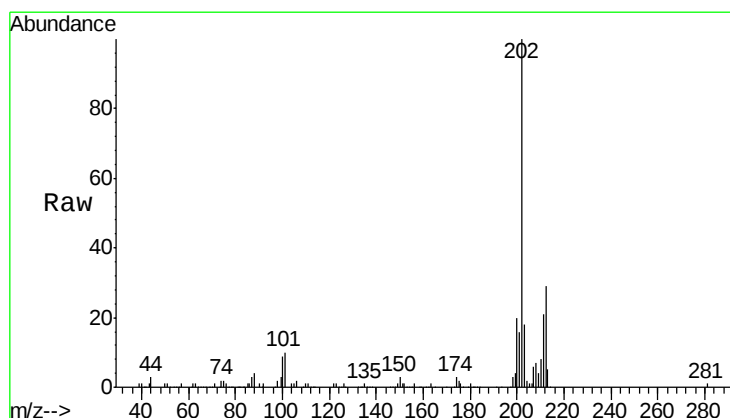
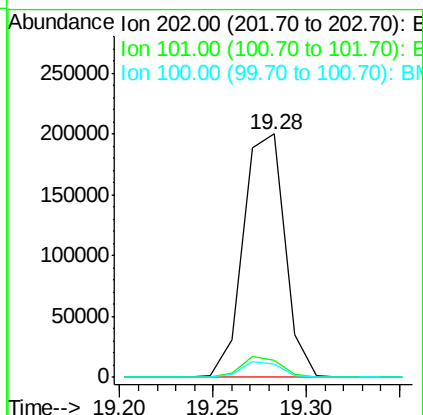
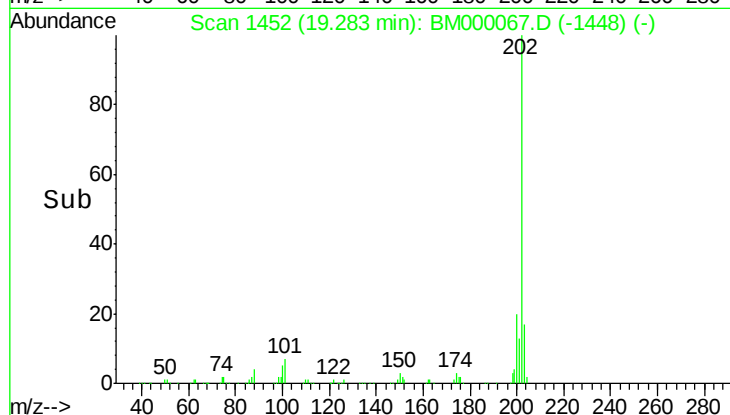
ClientSampleId :

MDL-Soil-1

Tgt Ion:	202	Resp:	314702
Ion Ratio	Lower	Upper	
202	100		
101	6.8	6.4	9.6
100	5.3	4.6	7.0

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#77

Pyrene

Concen: 3.76 ng/ul

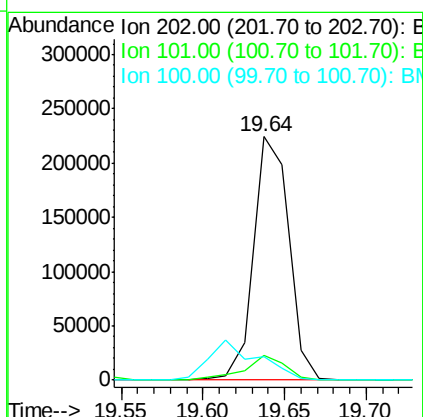
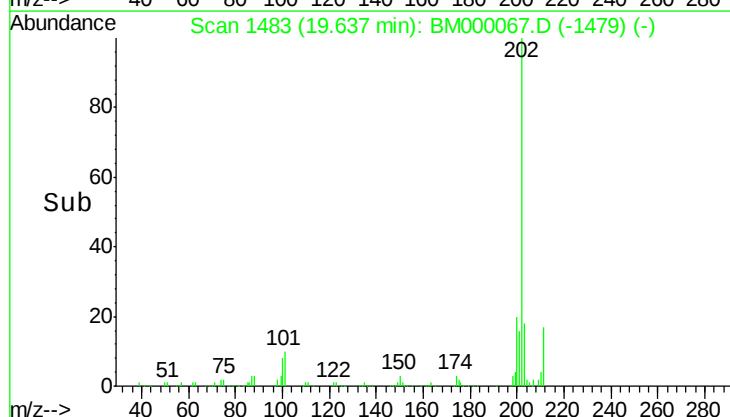
RT: 19.64 min Scan# 1483

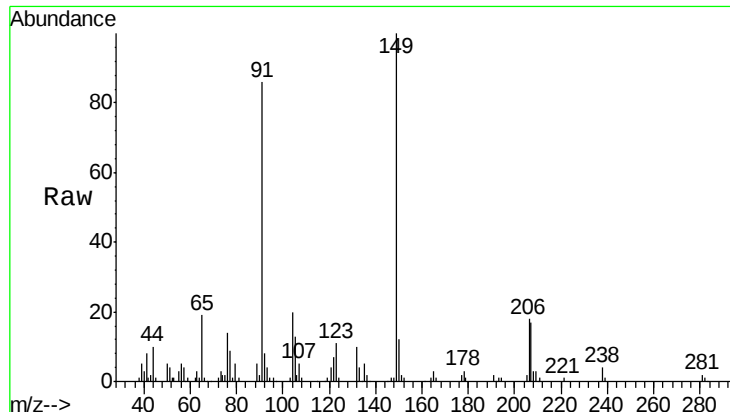
Delta R.T. -0.00 min

Lab File: BM000067.D

Acq: 29 Dec 2014 20:19

Tgt Ion:	202	Resp:	337510
Ion Ratio	Lower	Upper	
202	100		
101	10.1	6.9	10.3
100	9.5	5.5	8.3#





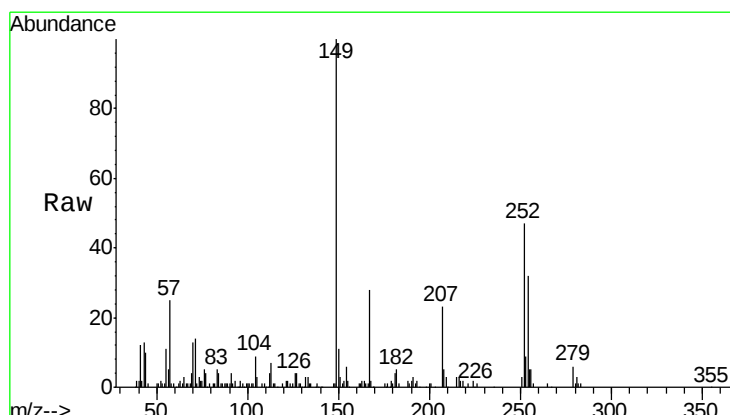
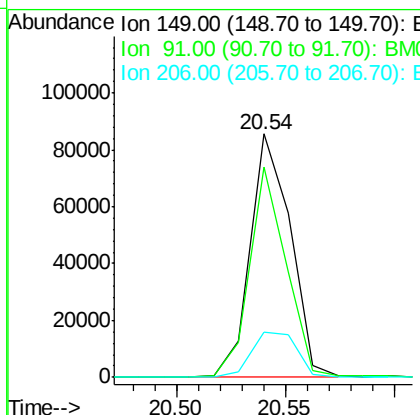
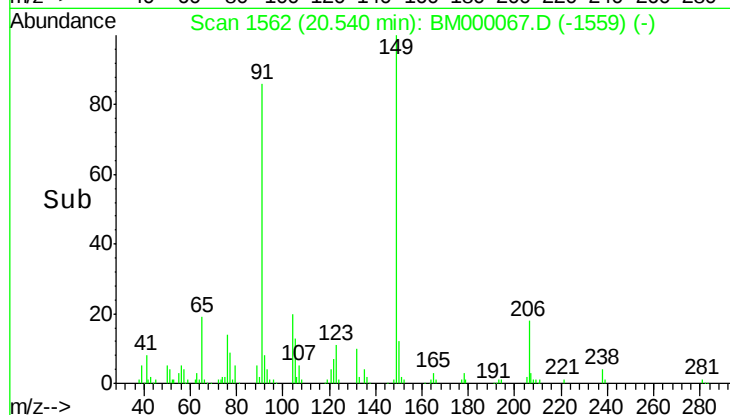
#78
Butylbenzylphthalate
Concen: 3.03 ng/ul
RT: 20.54 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-1

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	110585		
91	86.3	56.6	84.8#	
206	18.3	16.8	25.2	

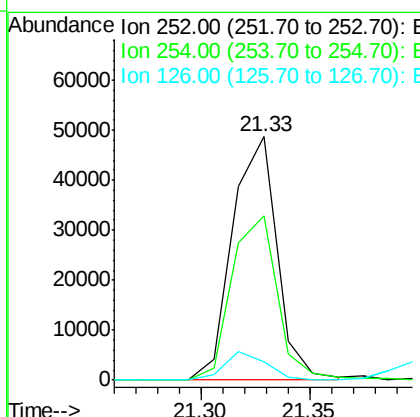
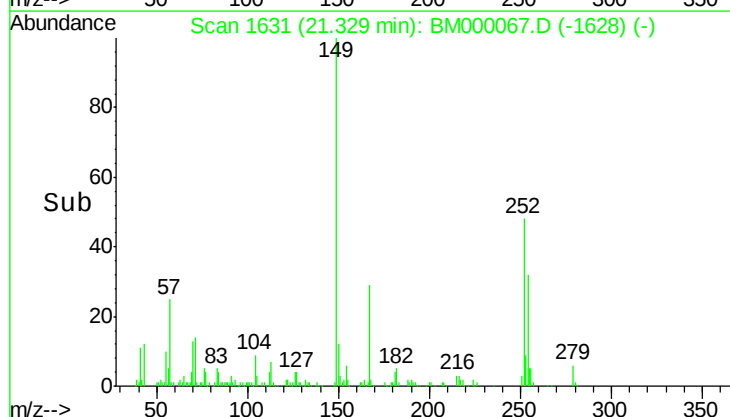
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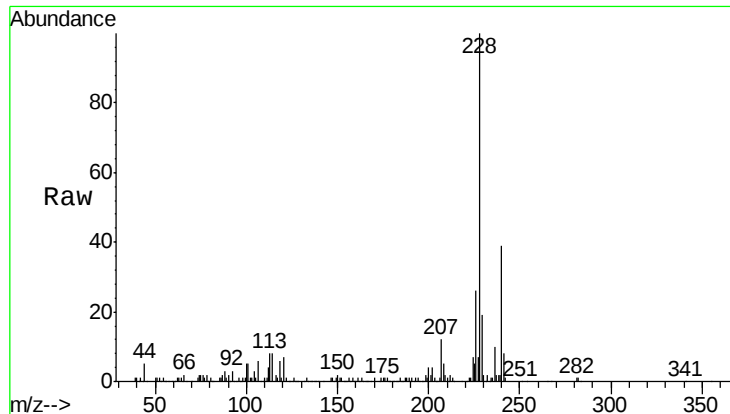
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#79
3,3'-Dichlorobenzidine
Concen: 2.55 ng/ul
RT: 21.33 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	69474		
254	67.7	51.2	76.8	
126	7.6	7.9	11.9#	





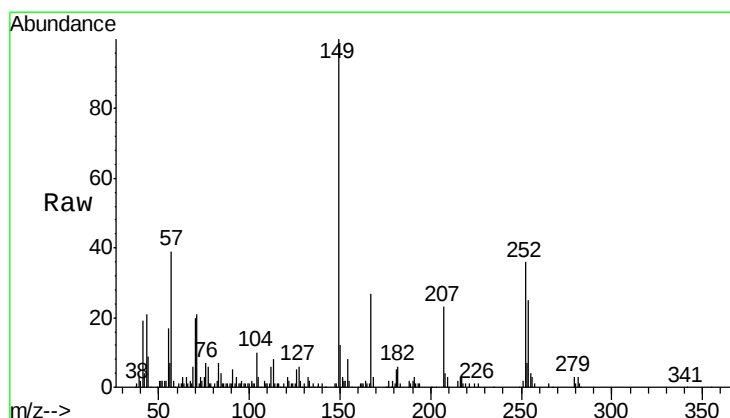
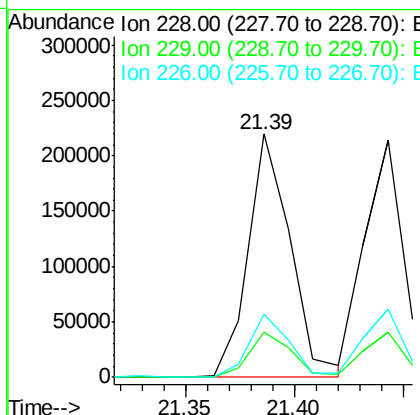
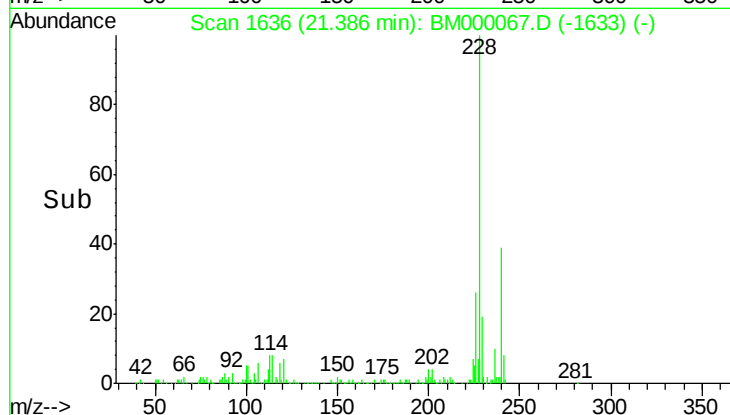
#80
Benzo(a)anthracene
Concen: 3.47 ng/ul
RT: 21.39 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-1

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	298671		
229	18.8		15.8	23.8
226	25.7		20.7	31.1

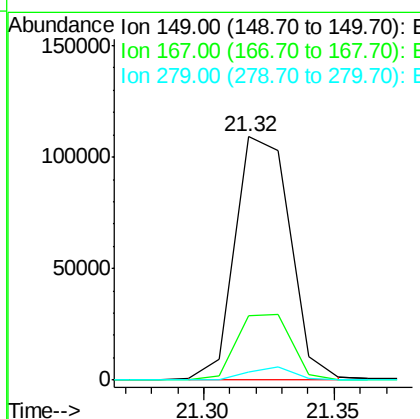
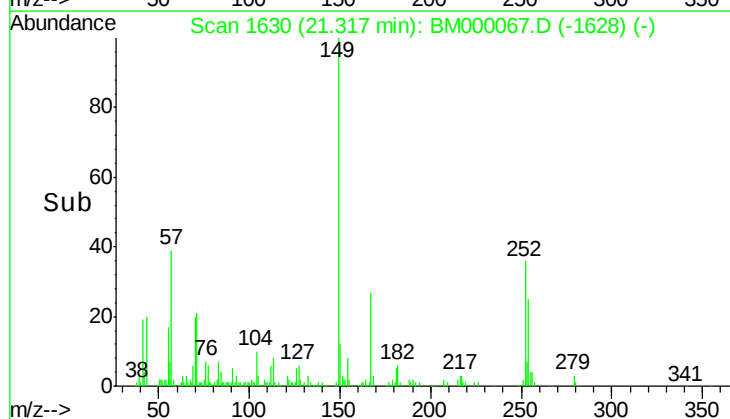
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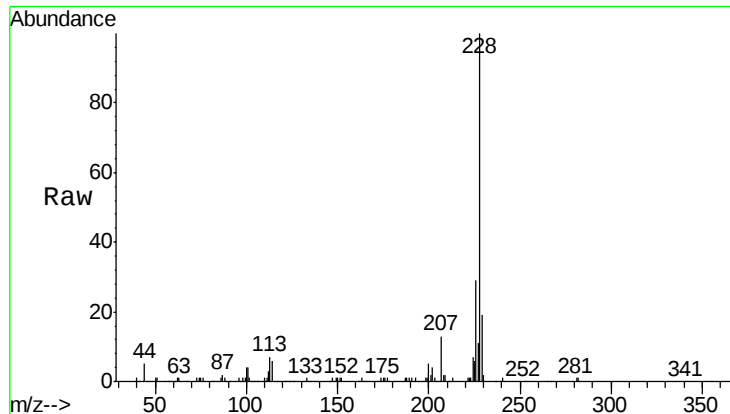
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#81
Bis(2-ethylhexyl)phthalate
Concen: 3.01 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	159810		
167	26.7		22.1	33.1
279	3.1		3.0	4.6





#82

Chrysene

Concen: 3.33 ng/ul

RT: 21.44 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BM000067.D

Acq: 29 Dec 2014 20:19

Instrument :

BNA_M

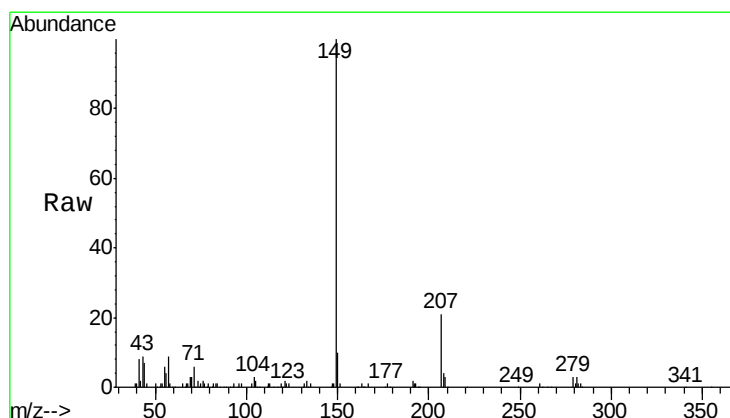
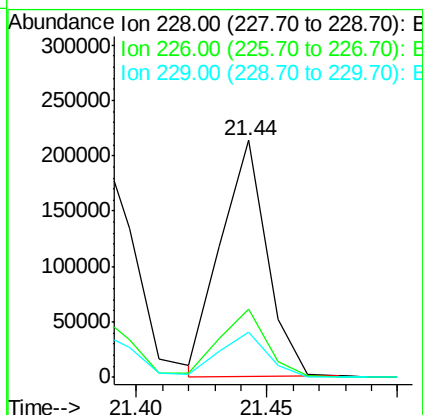
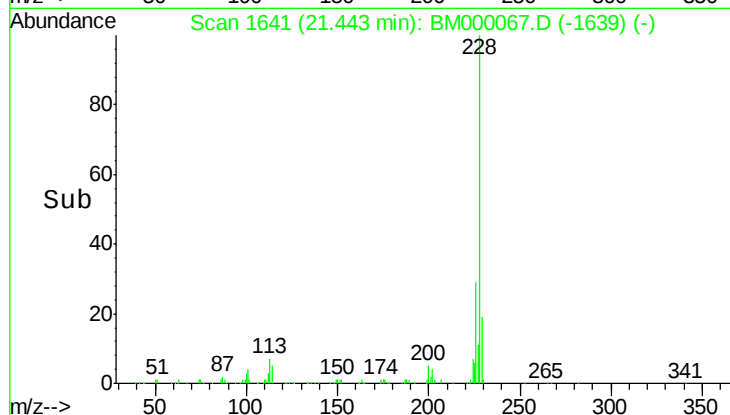
ClientSampleId :

MDL-Soil-1

Tgt Ion:	228	Resp:	263877
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.0	34.4
229	19.0	15.6	23.4

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#84

Di-n-octyl phthalate

Concen: 2.90 ng/ul

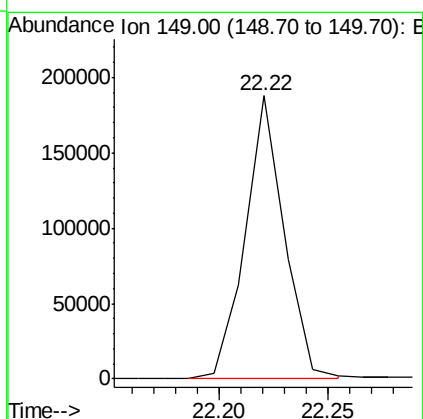
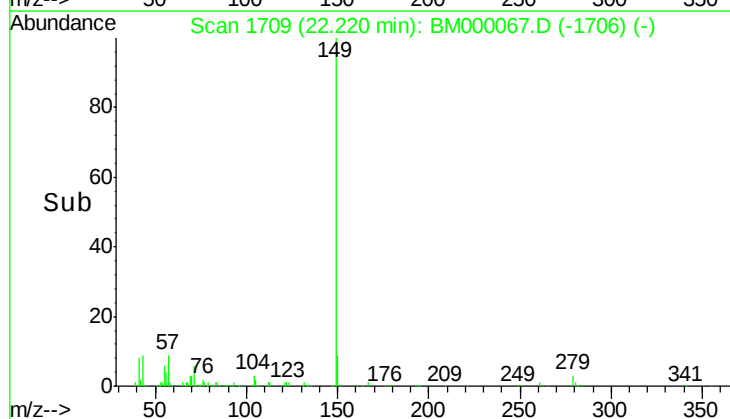
RT: 22.22 min Scan# 1709

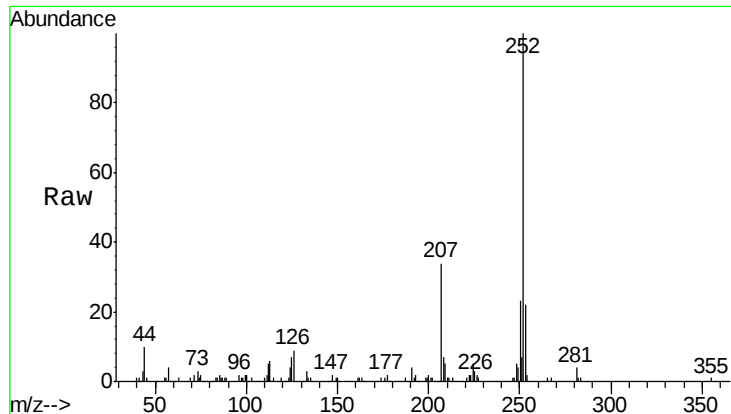
Delta R.T. -0.00 min

Lab File: BM000067.D

Acq: 29 Dec 2014 20:19

Tgt Ion:149 Resp: 232256





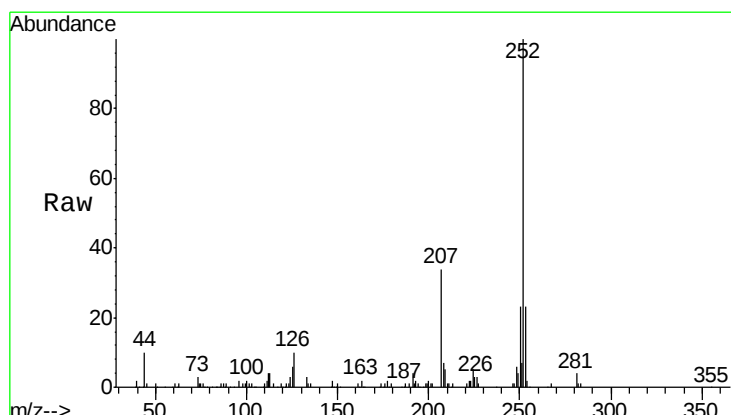
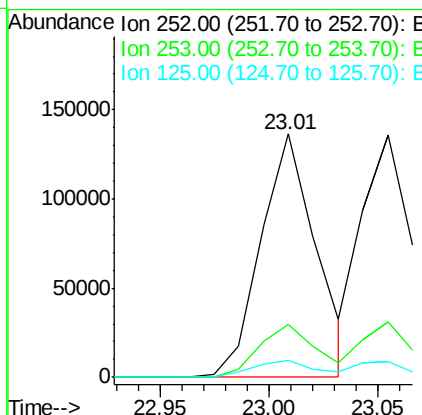
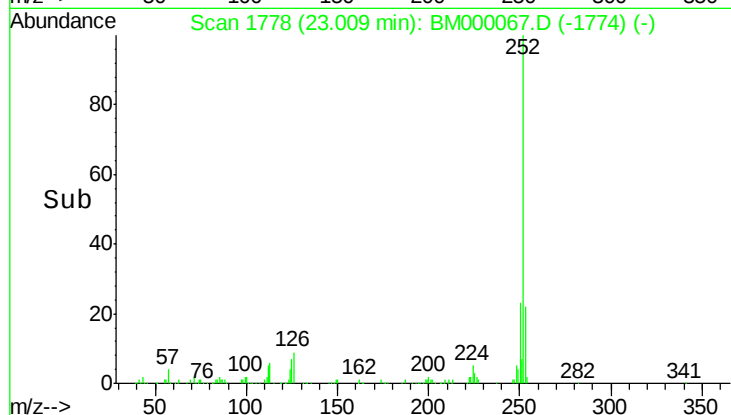
#85
Benzo(b)fluoranthene
Concen: 3.25 ng/ul
RT: 23.01 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-1

Tgt Ion:252 Resp: 241798
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 7.0 4.8 7.2

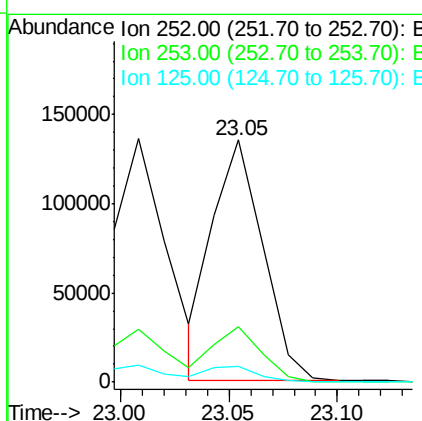
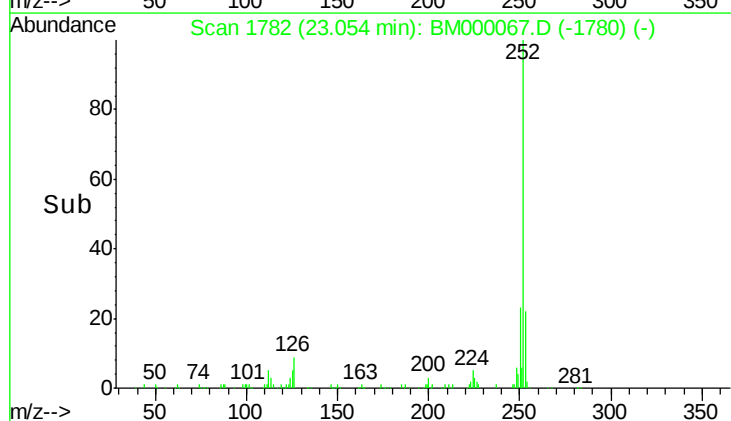
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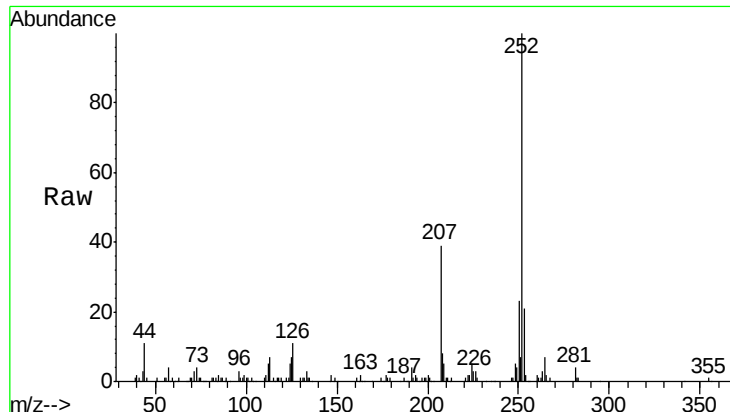
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#86
Benzo(k)fluoranthene
Concen: 3.41 ng/ul
RT: 23.05 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Tgt Ion:252 Resp: 216592
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 6.3 4.9 7.3





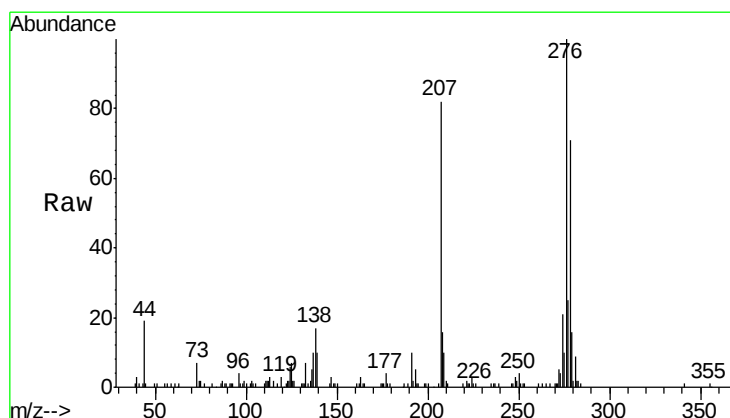
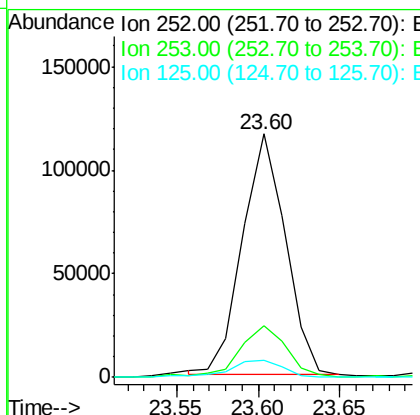
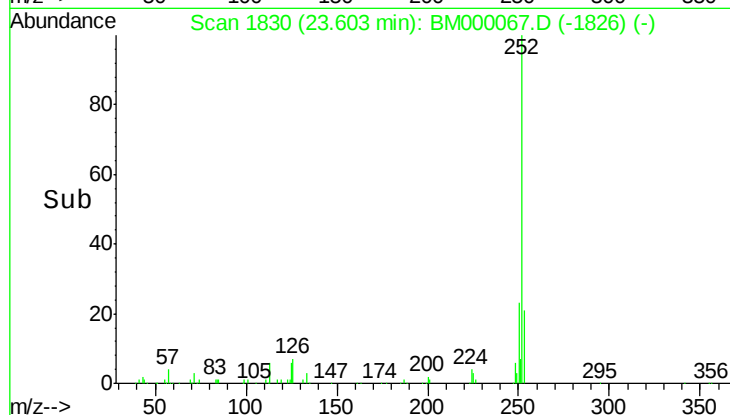
#88
Benzo(a)pyrene
Concen: 3.28 ng/ul
RT: 23.60 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-1

Tgt Ion:252 Resp: 213768
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.6
125 7.0 5.8 8.6

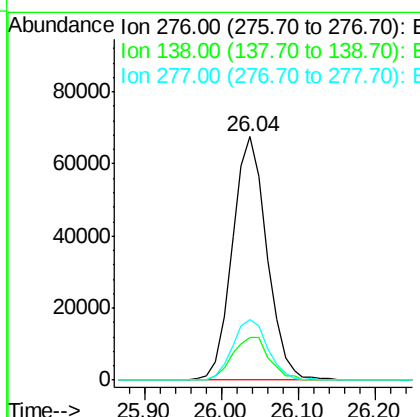
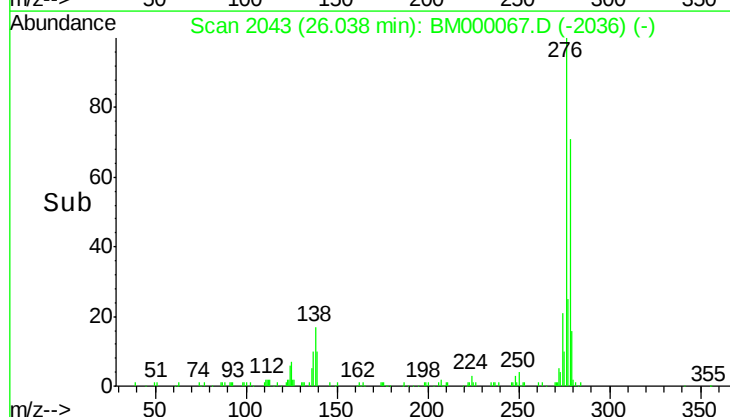
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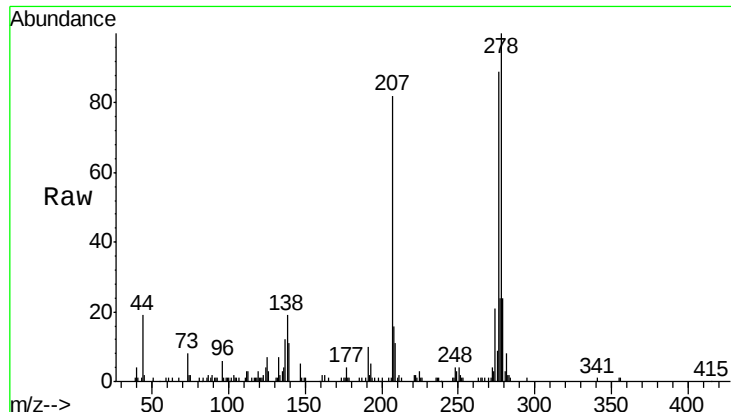
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.11 ng/ul
RT: 26.04 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Tgt Ion:276 Resp: 211783
Ion Ratio Lower Upper
276 100
138 17.3 14.2 21.2
277 24.7 18.8 28.2





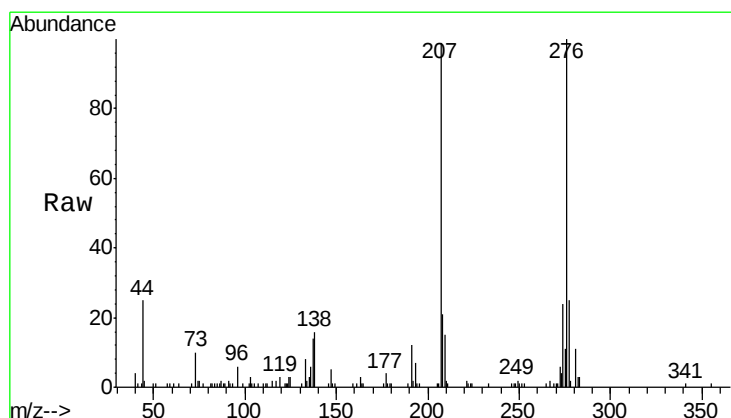
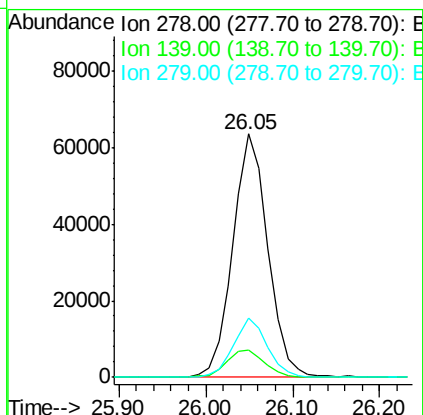
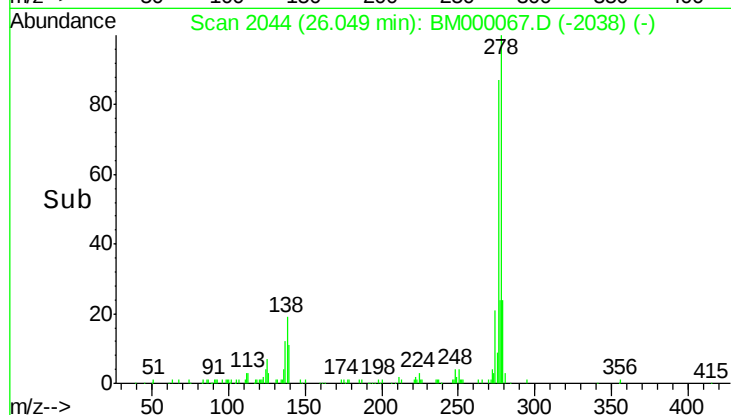
#90
Dibenzo(a,h)anthracene
Concen: 3.10 ng/ul
RT: 26.05 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-1

Tgt Ion:278 Resp: 177977
Ion Ratio Lower Upper
278 100
139 11.0 10.2 15.2
279 24.2 19.2 28.8

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#91
Benzo(g,h,i)perylene
Concen: 3.08 ng/ul
RT: 26.75 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM000067.D
Acq: 29 Dec 2014 20:19

Tgt Ion:276 Resp: 172300
Ion Ratio Lower Upper
276 100
138 16.4 12.1 18.1
277 24.7 19.0 28.4

