

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
 Data File : BM000078.D
 Acq On : 30 Dec 2014 03:25
 Operator : TP
 Sample : MDL-05-S
 Misc : MDL-SOIL-8PPM
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Manual Integrations
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 1/7/2015 9:21:44 AM

Quant Time: Dec 31 07:24:48 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	280264	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1222018	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	875234	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1770048	20.00	ng/ul	-0.01
75) Chrysene-d12	21.41	240	1805531	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1477731	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	24950	5.16	ng/uL	0.00
5) Phenol-d5	7.00	99	637196	26.25	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	395996	26.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	460566	26.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	506500	26.41	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	237538	28.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	255583	29.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	496054	25.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	654354	30.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1778232	27.55	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2081951	26.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	273676	26.25	ng/ul	0.00
57) Fluorene-d10	15.47	176	1472150	26.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	139033	15.84	ng/ul	0.00
70) Anthracene-d10	17.32	188	2276664	27.82	ng/ul	0.00
76) Pyrene-d10	19.61	212	2431063	29.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1928635	28.92	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.36	88	30677	4.58 ng/uL#	92
4) Benzaldehyde	6.98	77	85562	5.66 ng/ul	99
6) Phenol	7.03	94	119944	4.75 ng/ul	100
8) Bis(2-Chloroethyl)ether	7.27	93	93538	4.84 ng/ul	98
10) 2-Chlorophenol	7.41	128	84779	4.69 ng/ul	97
11) 2-Methylphenol	8.28	108	90594	4.65 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.38	45	157186	5.05 ng/ul	98
14) Acetophenone	8.66	105	152335	4.65 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.64	70	84810	4.95 ng/ul#	94
16) 4-Methylphenol	8.60	108	100448	4.76 ng/ul	96
17) Hexachloroethane	8.92	117	38410	4.65 ng/ul	85
20) Nitrobenzene	9.04	77	124878	4.96 ng/ul	92
21) Isophorone	9.56	82	225537	4.64 ng/ul	98
23) 2-Nitrophenol	9.75	139	49103	5.15 ng/ul	94
24) 2,4-Dimethylphenol	9.81	107	127607	4.94 ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	133410	4.93 ng/ul	100
27) 2,4-Dichlorophenol	10.28	162	91981	4.84 ng/ul	92
28) Naphthalene	10.69	128	298546	4.79 ng/ul	98
30) 4-Chloroaniline	10.79	127	107732	4.82 ng/ul	100
31) Hexachlorobutadiene	10.97	225	66848	4.96 ng/ul	92
32) Caprolactam	11.58	113	30898m	4.88 ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	113807	4.88 ng/ul	97
34) 2-Methylnaphthalene	12.30	142	226186	4.90 ng/ul	98

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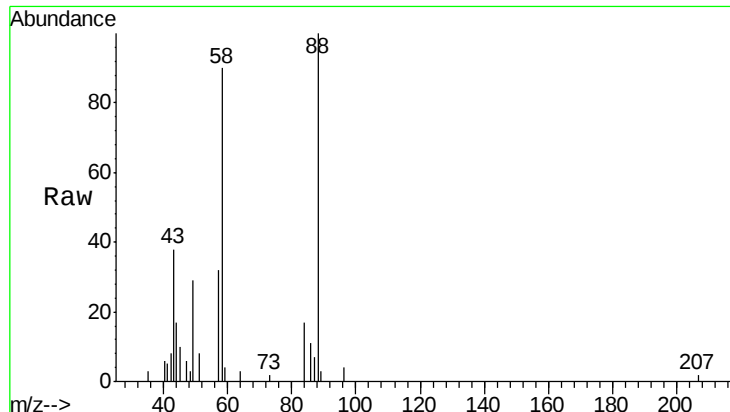
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	119015	4.90	ng/ul#	97
37) Hexachlorocyclopentadiene	12.64	237	62751	3.91	ng/ul	95
38) 2,4,6-Trichlorophenol	12.91	196	73027	4.72	ng/ul	97
39) 2,4,5-Trichlorophenol	12.97	196	81441	4.84	ng/ul	95
40) 1,1'-Biphenyl	13.31	154	305316	4.84	ng/ul	97
41) 2-Chloronaphthalene	13.35	162	232323	4.81	ng/ul	98
42) 2-Nitroaniline	13.56	65	73985	4.72	ng/ul	96
44) Dimethylphthalate	13.93	163	323238	5.03	ng/ul	97
45) 2,6-Dinitrotoluene	14.05	165	54993	4.78	ng/ul#	85
47) Acenaphthylene	14.20	152	388797	4.77	ng/ul	99
48) 3-Nitroaniline	14.38	138	55910	4.75	ng/ul#	98
49) Acenaphthene	14.54	153	252540	4.86	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	9602	1.64	ng/ul	94
52) 4-Nitrophenol	14.68	109	66231	4.78	ng/ul	99
53) Dibenzofuran	14.87	168	364599	4.84	ng/ul	94
54) 2,4-Dinitrotoluene	14.84	165	80895	4.71	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.10	232	68665	4.74	ng/ul#	97
56) Diethylphthalate	15.29	149	333482	4.94	ng/ul	99
58) Fluorene	15.52	166	306951	4.91	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	153016	4.97	ng/ul	93
60) 4-Nitroaniline	15.53	138	63298	4.76	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.59	198	25177	2.80	ng/ul#	61
64) N-Nitrosodiphenylamine	15.73	169	257541	5.02	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	93633	5.19	ng/ul	94
66) Hexachlorobenzene	16.53	284	107042	5.15	ng/ul	93
67) Atrazine	16.68	200	100065	4.94	ng/ul	97
68) Pentachlorophenol	16.87	266	47170m	3.73	ng/ul	
69) Phenanthrene	17.26	178	500067m	5.22	ng/ul	
71) Anthracene	17.35	178	498830	5.06	ng/ul	99
72) Carbazole	17.61	167	449211	5.06	ng/ul	99
73) Di-n-butylphthalate	18.19	149	542148	5.12	ng/ul	99
74) Fluoranthene	19.27	202	570100	5.19	ng/ul#	97
77) Pyrene	19.64	202	583392	5.36	ng/ul#	96
78) Butylbenzylphthalate	20.54	149	227711	5.15	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.32	252	156393	4.74	ng/ul	99
80) Benzo(a)anthracene	21.39	228	529777	5.08	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.32	149	342642	5.32	ng/ul	99
82) Chrysene	21.44	228	494322	5.15	ng/ul	99
84) Di-n-octyl phthalate	22.22	149	523316	5.15	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	504563	5.35	ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	408848	5.08	ng/ul	99
88) Benzo(a)pyrene	23.60	252	420536	5.08	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	409400	4.74	ng/ul	99
90) Dibenzo(a,h)anthracene	26.05	278	351286	4.83	ng/ul	98
91) Benzo(g,h,i)perylene	26.75	276	332314	4.68	ng/ul	97

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



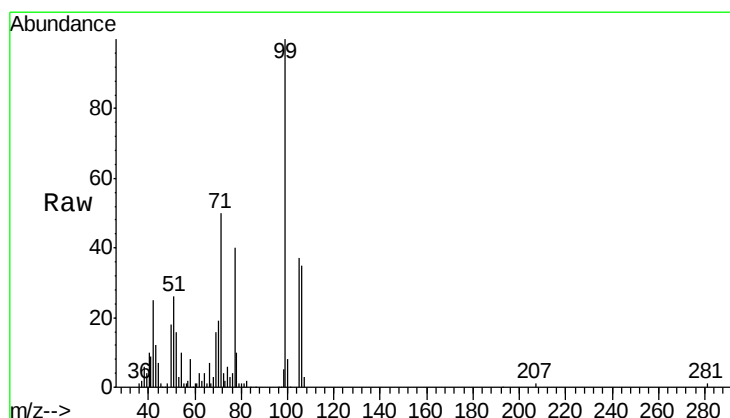
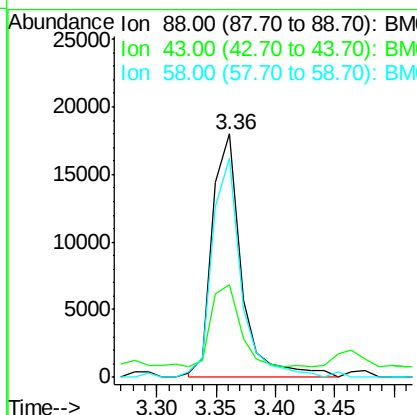
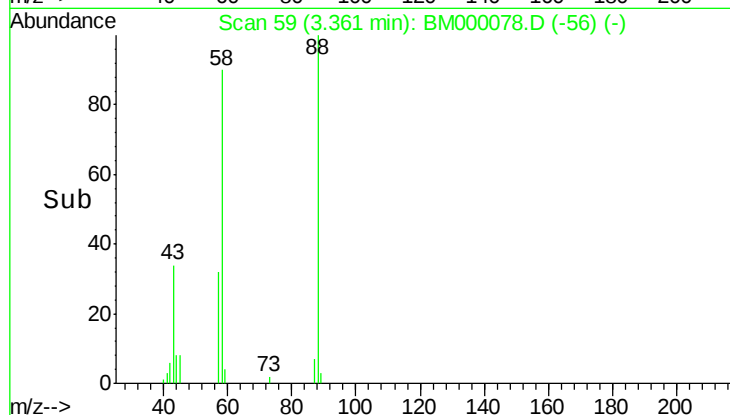
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 1,4-Dioxane
 Concen: 4.58 ng/uL
 RT: 3.36 min Scan# 59
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tgt Ion:	88	Resp:	30677
Ion	Ratio	Lower	Upper
88	100		
43	33.8	34.9	52.3#
58	88.3	67.3	100.9

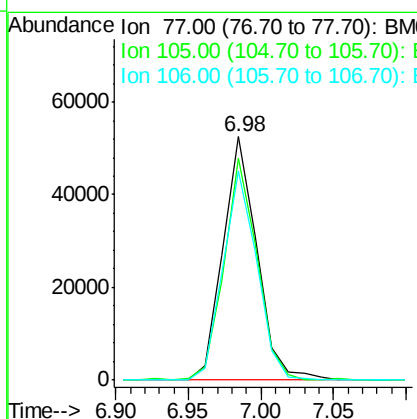
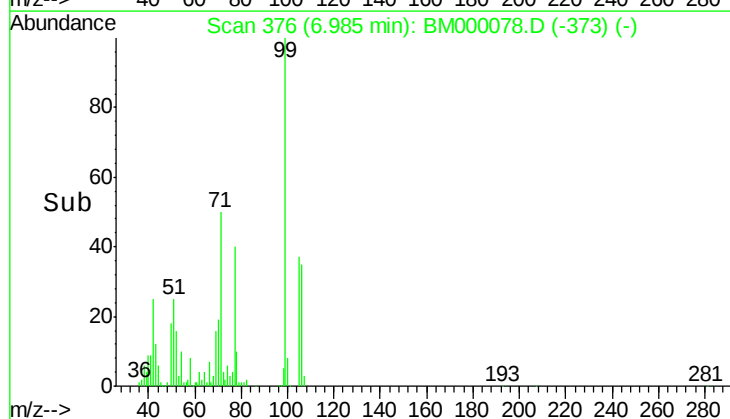
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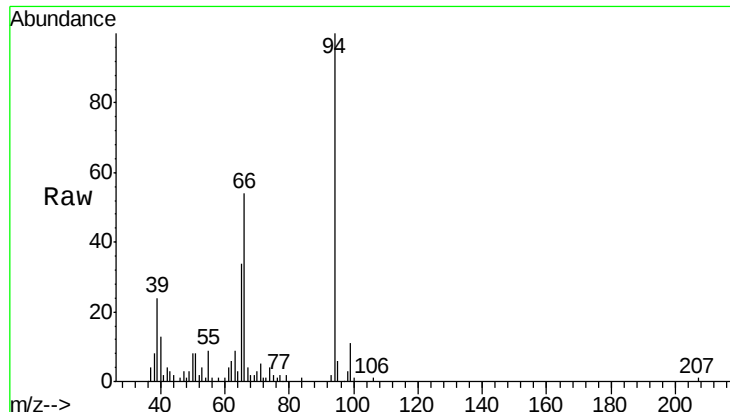
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#4
 Benzaldehyde
 Concen: 5.66 ng/uL
 RT: 6.98 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Tgt Ion:	77	Resp:	85562
Ion	Ratio	Lower	Upper
77	100		
105	91.4	73.5	110.3
106	86.1	67.9	101.9





#6

Phenol

Concen: 4.75 ng/ul

RT: 7.03 min Scan# 380

Delta R.T. -0.00 min

Lab File: BM000078.D

Acq: 30 Dec 2014 03:25

Instrument :

BNA_M

ClientSampled :

MDL-05-S

Tgt Ion: 94 Resp: 119944

Ion Ratio Lower Upper

94 100

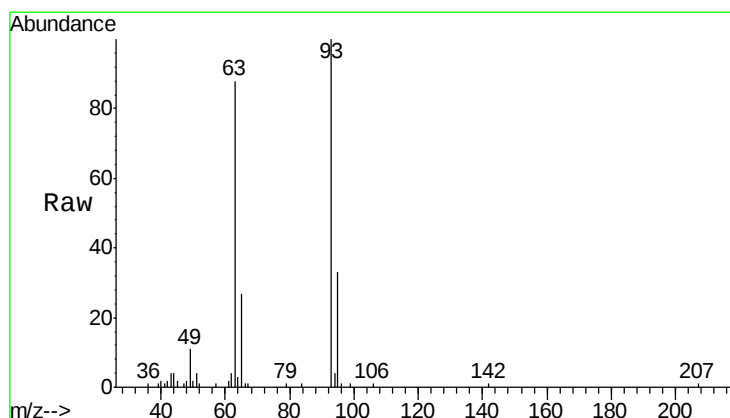
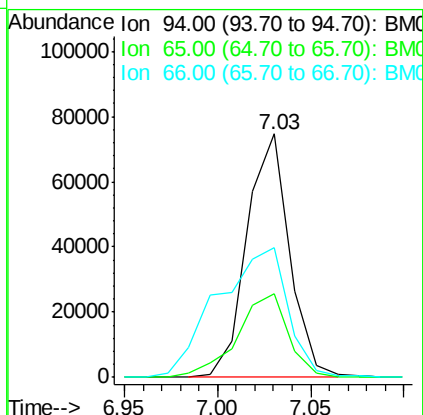
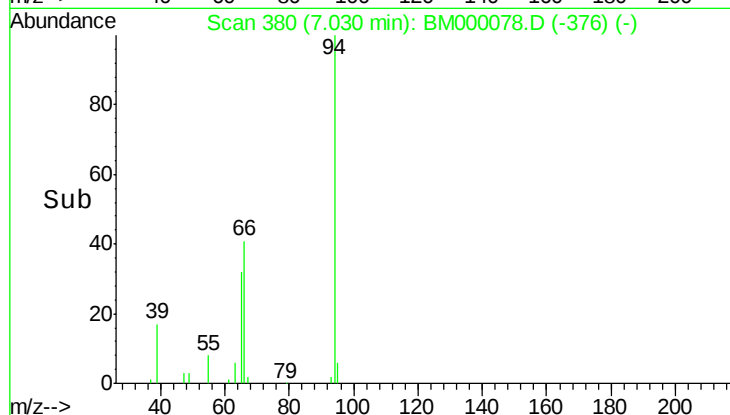
65 34.4 27.4 41.0

66 53.5 42.5 63.7

Manual Integrations

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#8

Bis(2-Chloroethyl)ether

Concen: 4.84 ng/ul

RT: 7.27 min Scan# 401

Delta R.T. -0.00 min

Lab File: BM000078.D

Acq: 30 Dec 2014 03:25

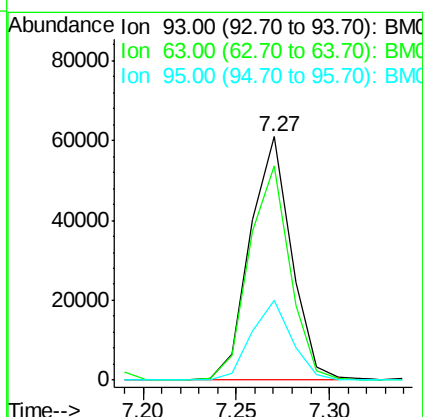
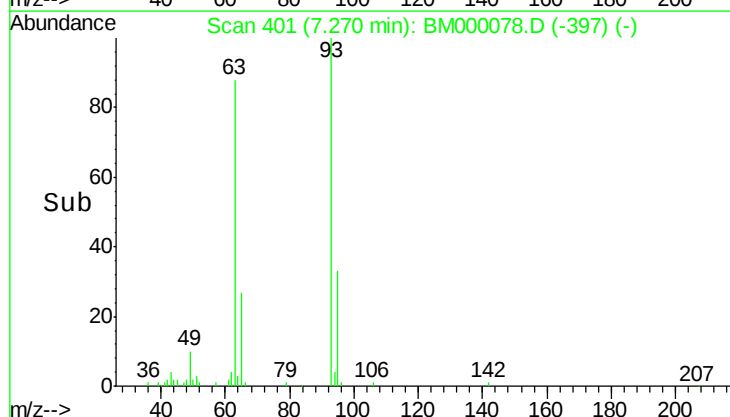
Tgt Ion: 93 Resp: 93538

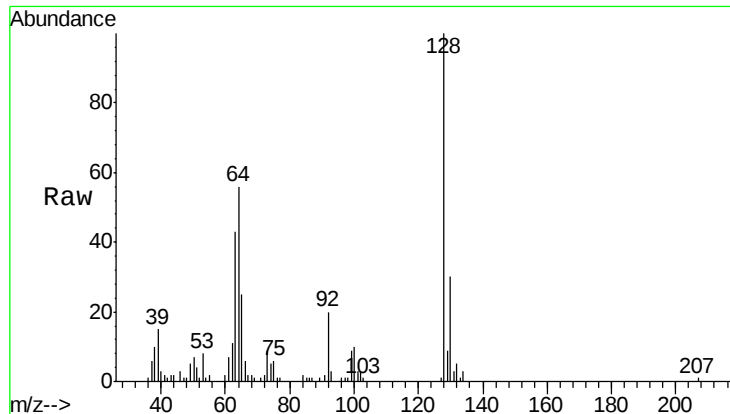
Ion Ratio Lower Upper

93 100

63 87.8 68.9 103.3

95 33.0 24.6 37.0





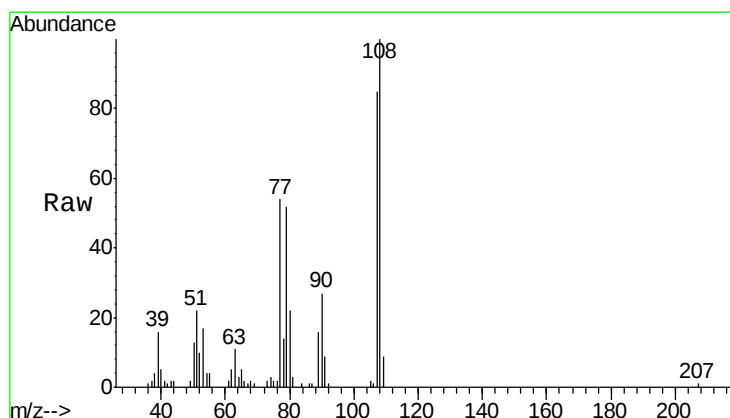
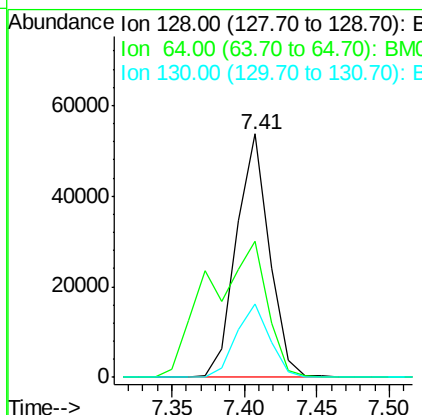
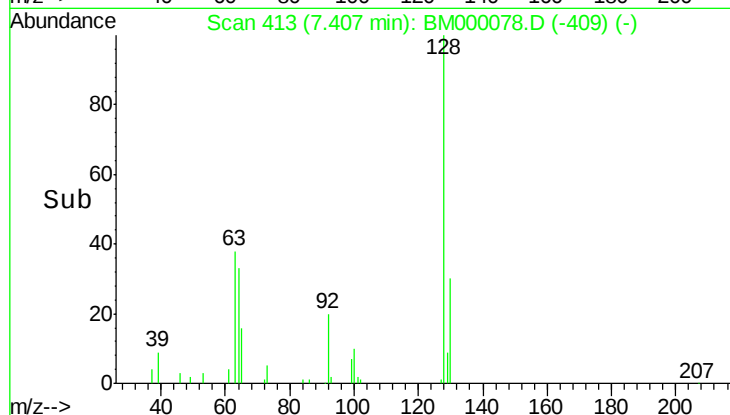
#10
2-Chlorophenol
Concen: 4.69 ng/ul
RT: 7.41 min Scan# 413
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	84779		
64	56.1	47.2	70.8	
130	30.2	25.2	37.8	

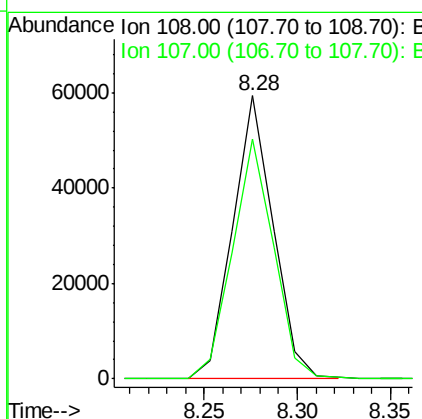
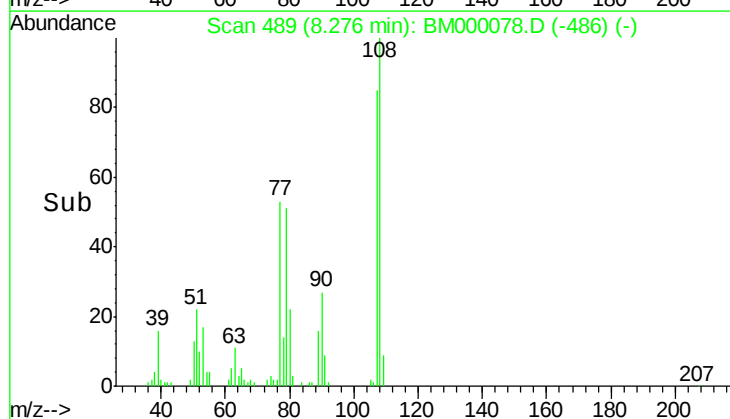
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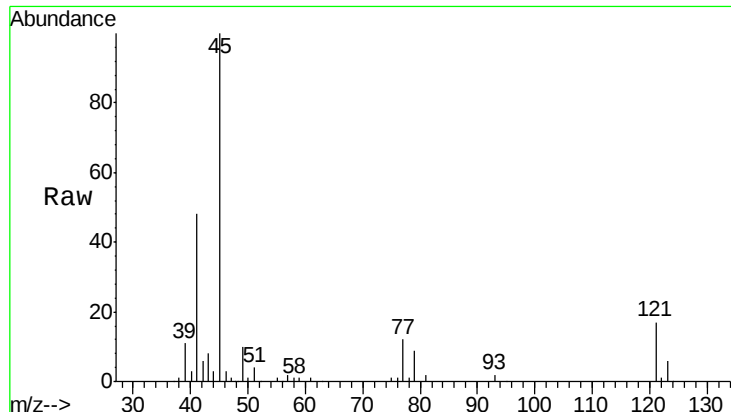
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#11
2-Methylphenol
Concen: 4.65 ng/ul
RT: 8.28 min Scan# 489
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	90594		
107	84.5	70.7	106.1	





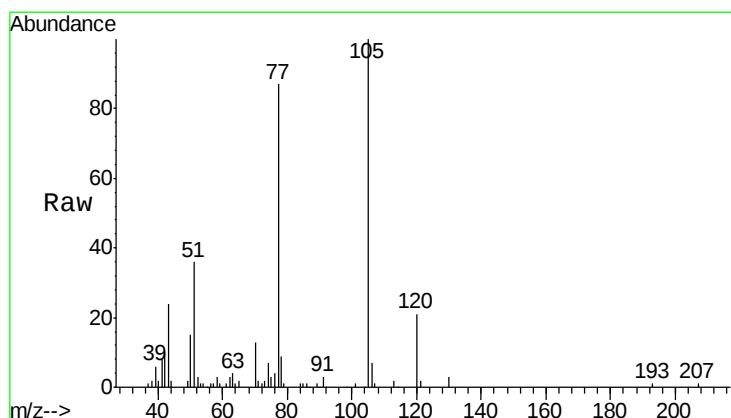
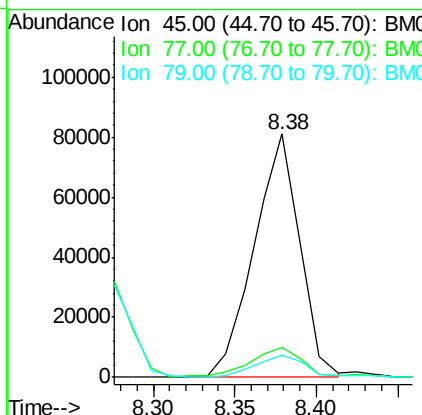
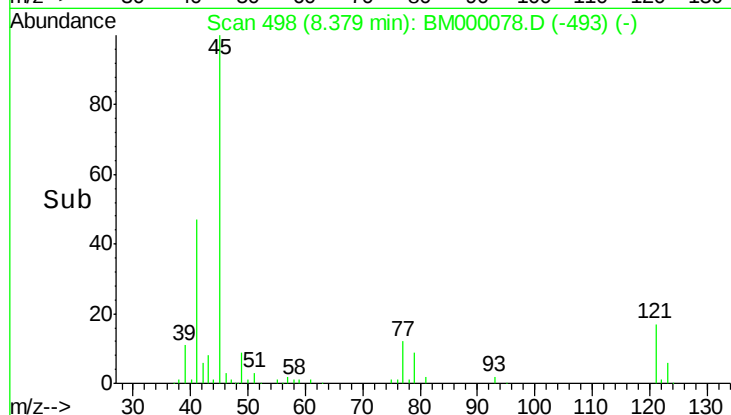
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2,2'-oxybis(1-Chloropropane)
Concen: 5.05 ng/ul
RT: 8.38 min Scan# 498
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.4	9.9	14.9
79	8.9	8.3	12.5

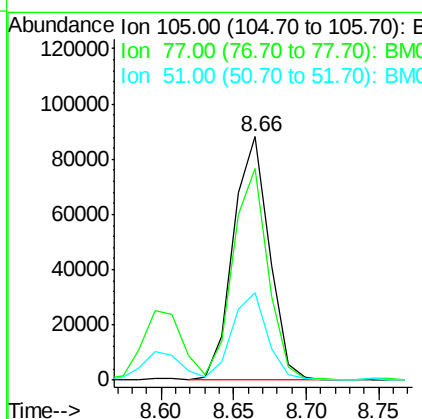
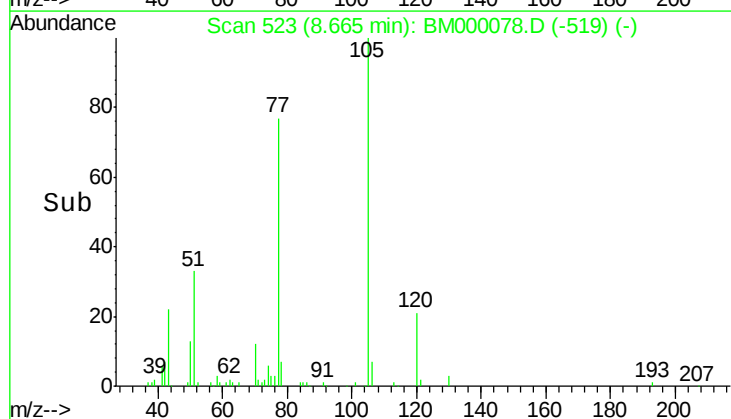
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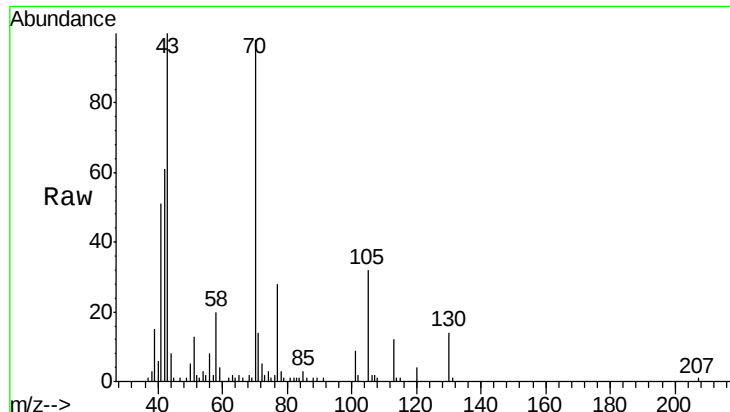
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#14
Acetophenone
Concen: 4.65 ng/ul
RT: 8.66 min Scan# 523
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Tgt Ion	Ratio	Lower	Upper
105	100		
77	86.7	66.3	99.5
51	36.0	26.5	39.7





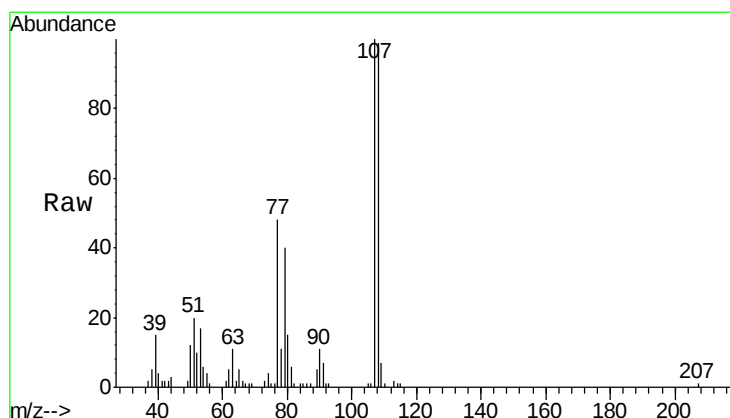
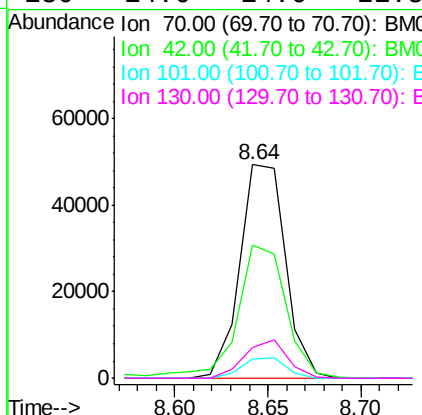
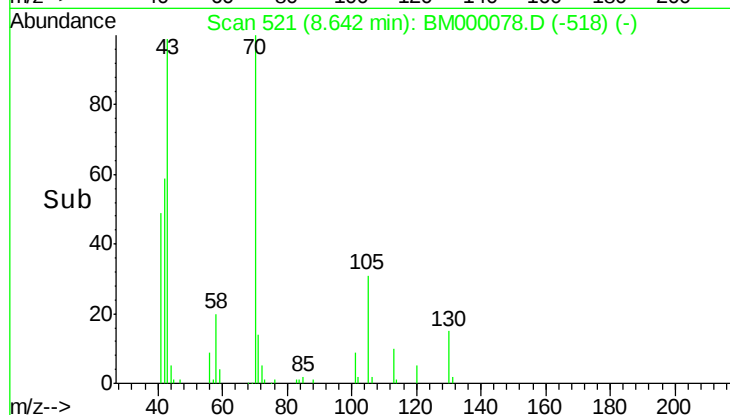
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N-Nitroso-di-n-propylamine
Concen: 4.95 ng/ul
RT: 8.64 min Scan# 521
Delta R.T. -0.01 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Instrument :
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ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.1	46.4	69.6
101	8.8	7.8	11.8
130	14.6	14.6	21.8

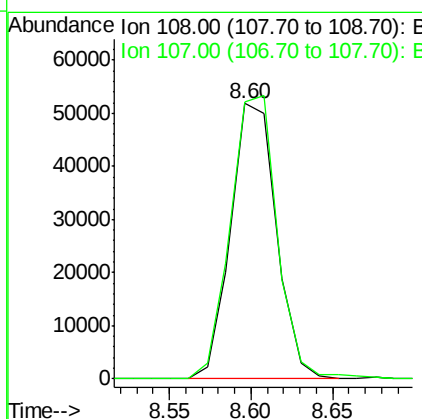
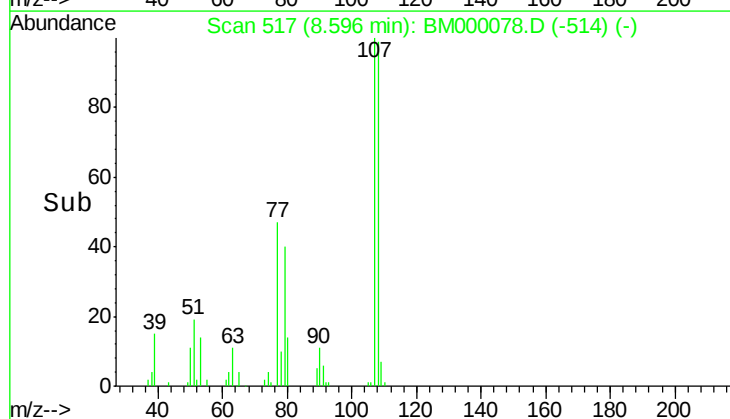
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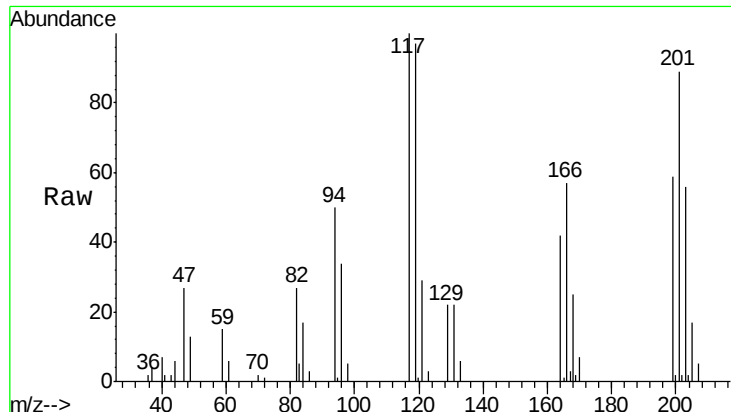
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#16
4-Methylphenol
Concen: 4.76 ng/ul
RT: 8.60 min Scan# 517
Delta R.T. -0.01 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Tgt Ion	Ratio	Lower	Upper
108	100		
107	100.8	84.0	126.0





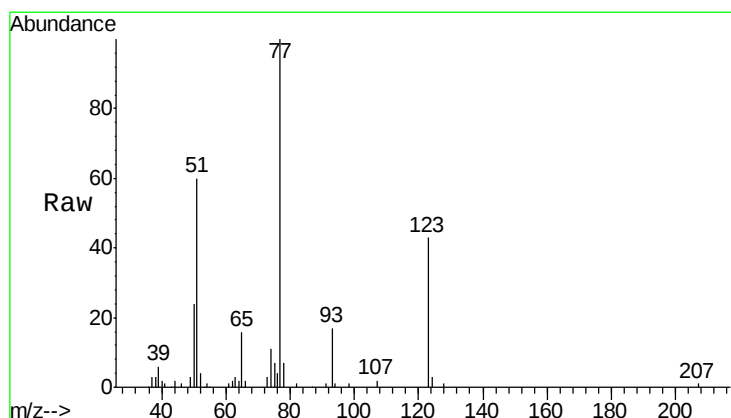
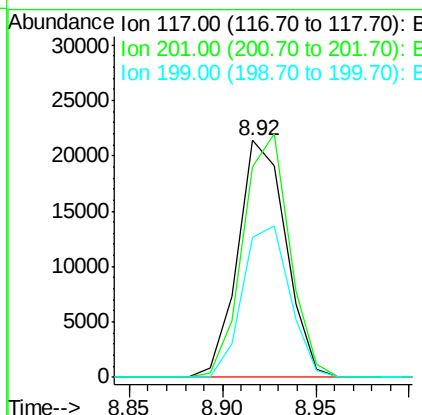
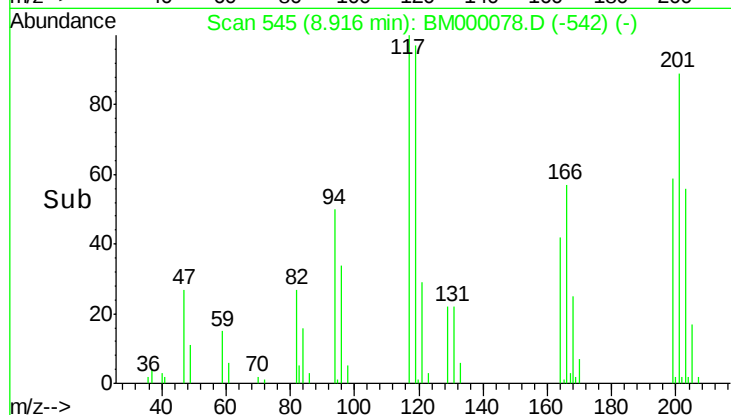
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Hexachloroethane
Concen: 4.65 ng/ul
RT: 8.92 min Scan# 545
Delta R.T. -0.01 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	38410		
201	88.6	85.2	127.8	
199	59.3	55.1	82.7	

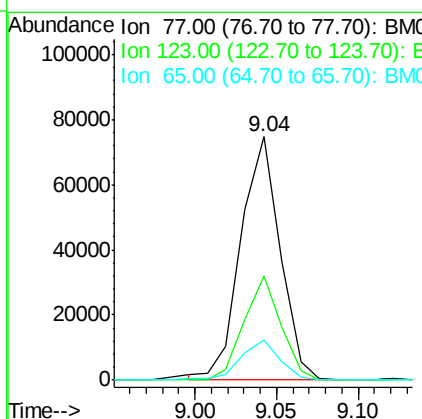
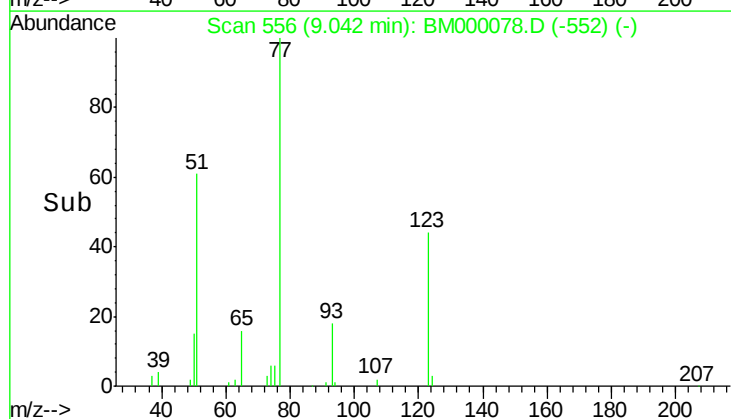
Manual Integrations
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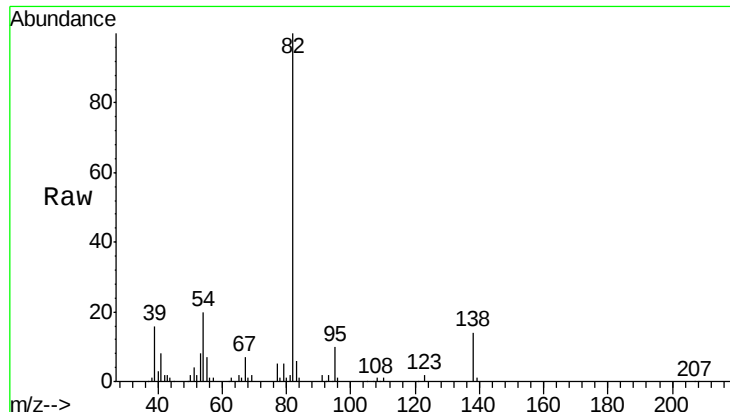
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1/7/2015 9:21:44 AM



#20
Nitrobenzene
Concen: 4.96 ng/ul
RT: 9.04 min Scan# 556
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	124878		
123	42.9	29.2	43.8	
65	16.5	12.4	18.6	





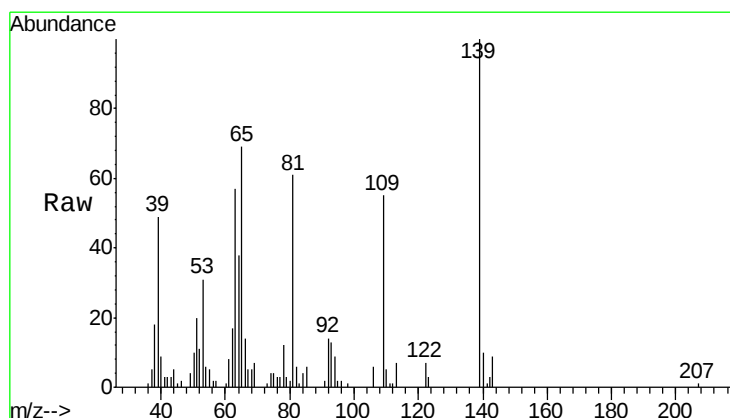
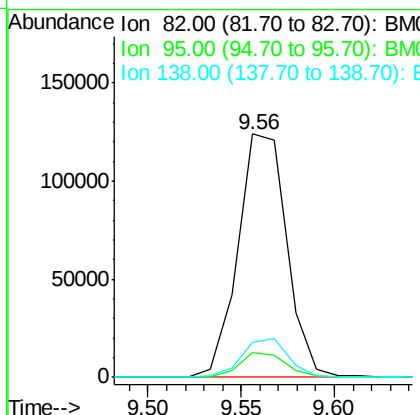
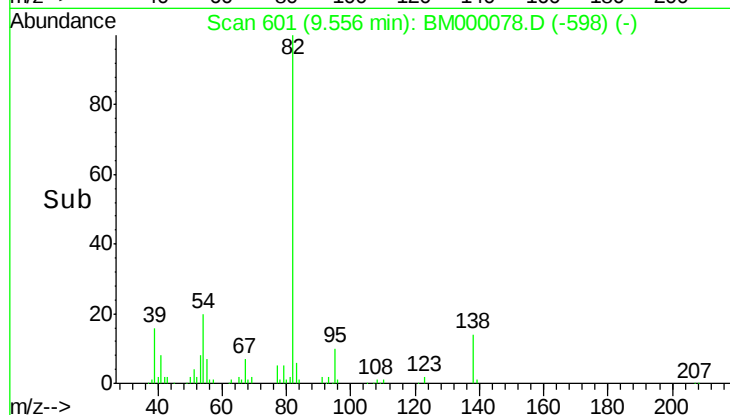
#21
Isophorone
Concen: 4.64 ng/ul
RT: 9.56 min Scan# 601
Delta R.T. -0.01 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	225537		
95	10.0	6.9	10.3	
138	14.5	12.1	18.1	

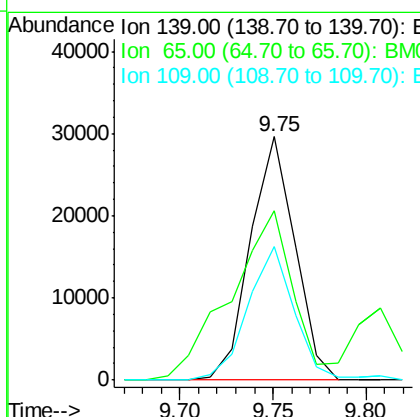
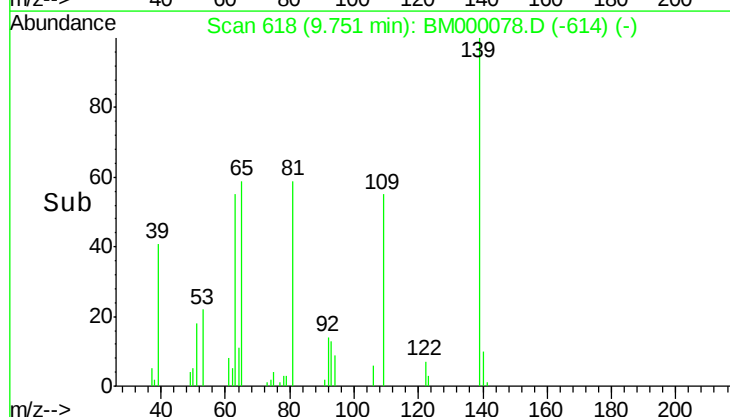
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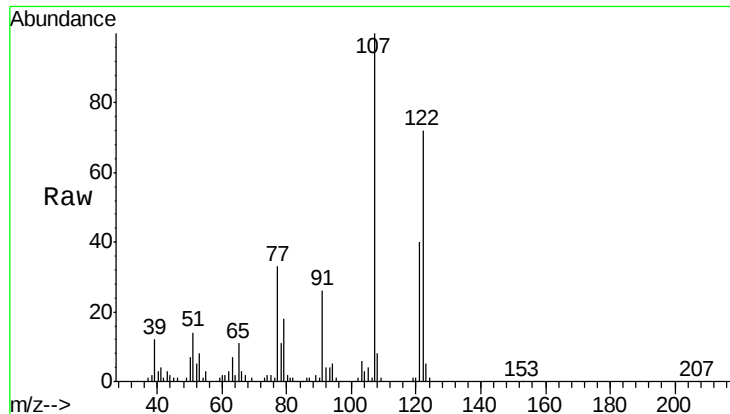
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#23
2-Nitrophenol
Concen: 5.15 ng/ul
RT: 9.75 min Scan# 618
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	49103		
65	69.5	56.3	84.5	
109	55.1	37.1	55.7	





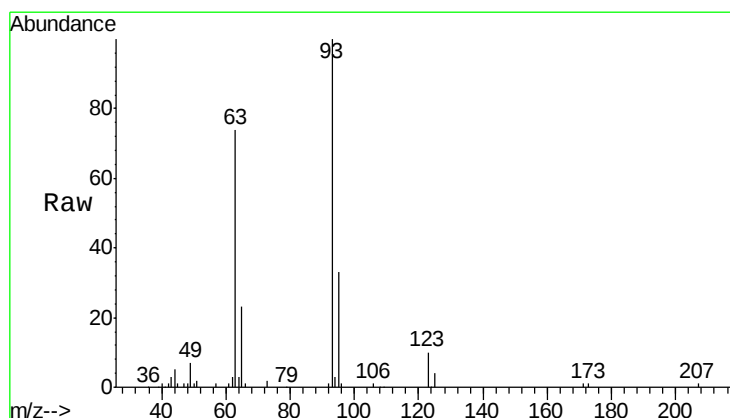
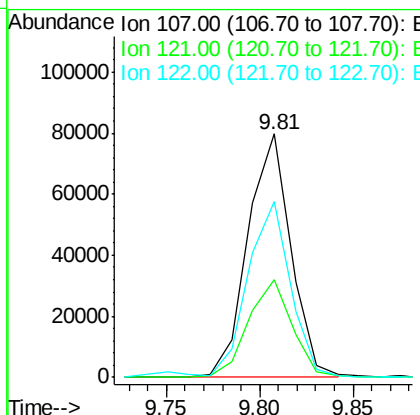
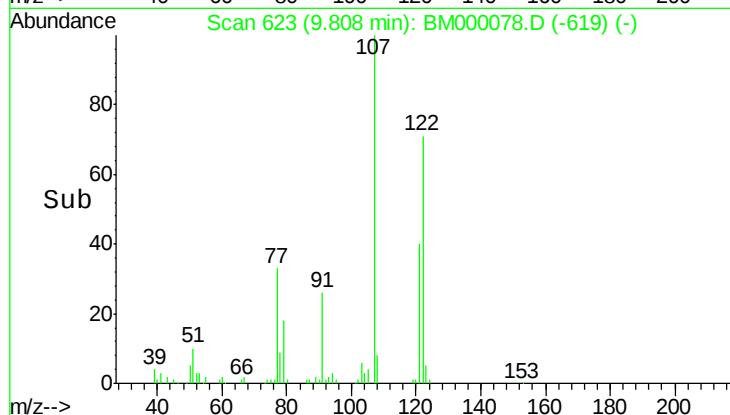
#24
 2,4-Dimethylphenol
 Concen: 4.94 ng/ul
 RT: 9.81 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tgt Ion	Ratio	Lower	Upper
107	100		
121	39.9	33.0	49.6
122	72.3	59.3	88.9

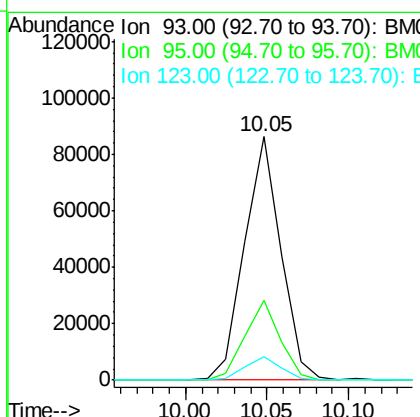
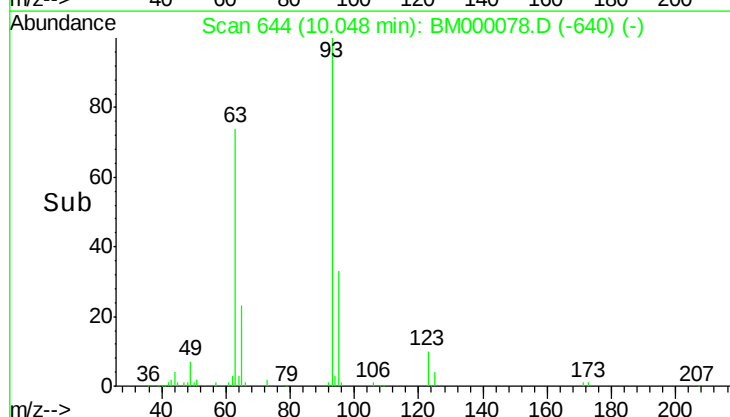
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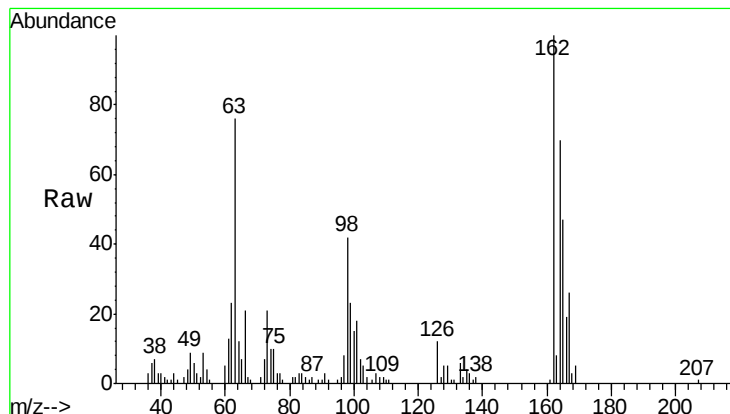
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 4.93 ng/ul
 RT: 10.05 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	9.7	7.4	11.2





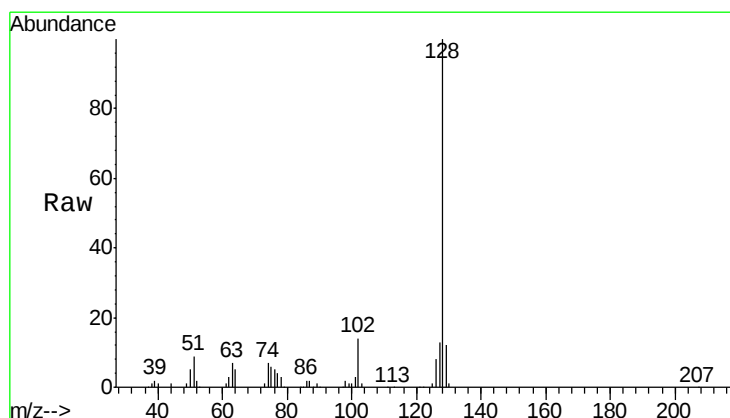
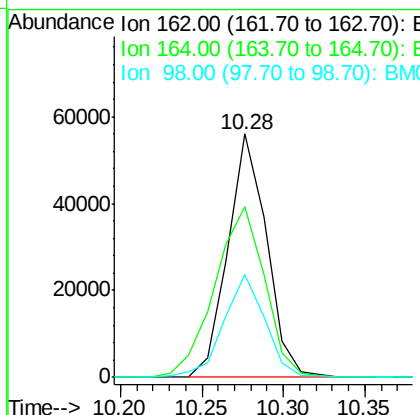
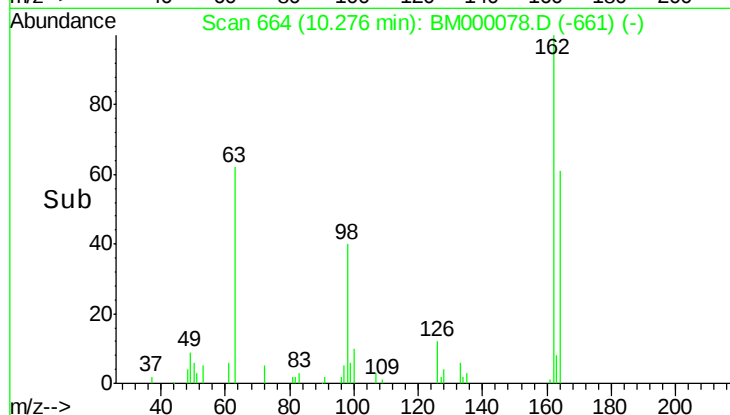
#27
 2,4-Dichlorophenol
 Concen: 4.84 ng/ul
 RT: 10.28 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tgt Ion:	162	Resp:	91981
Ion Ratio	Lower	Upper	
162	100		
164	70.0	50.2	75.4
98	42.2	31.4	47.2

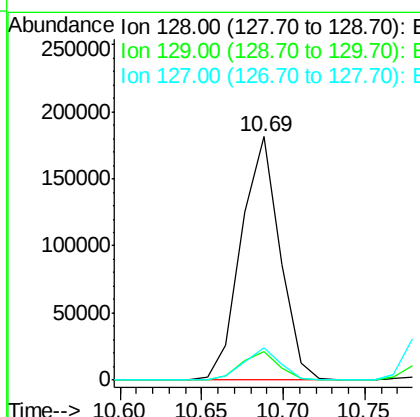
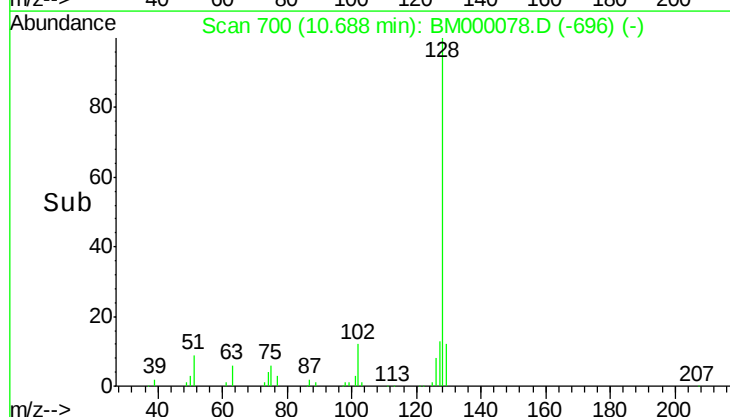
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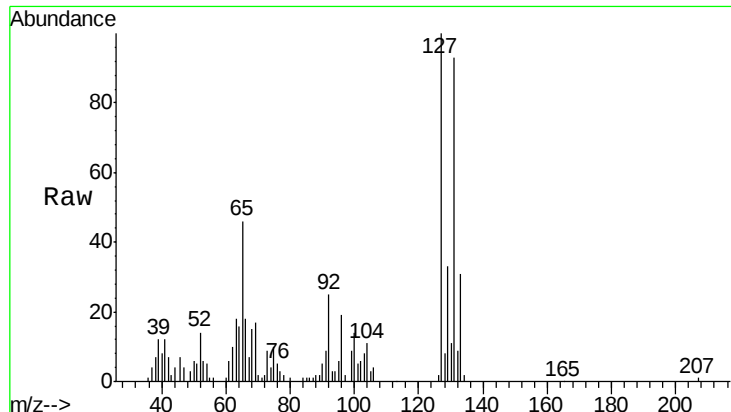
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#28
 Naphthalene
 Concen: 4.79 ng/ul
 RT: 10.69 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Tgt Ion:	128	Resp:	298546
Ion Ratio	Lower	Upper	
128	100		
129	11.7	8.6	13.0
127	13.2	10.3	15.5





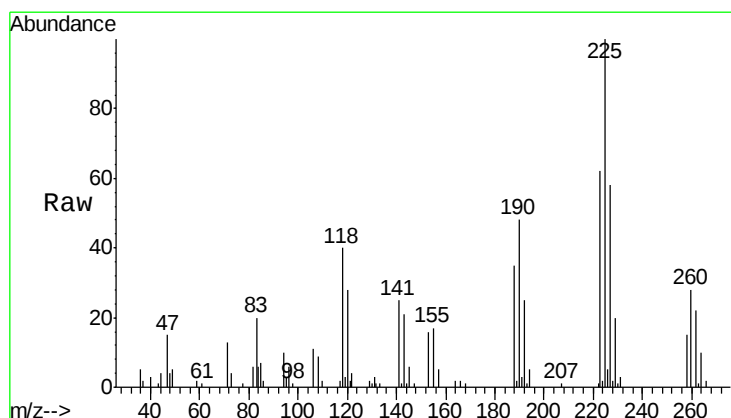
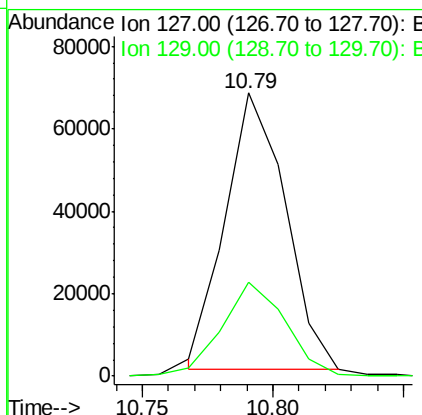
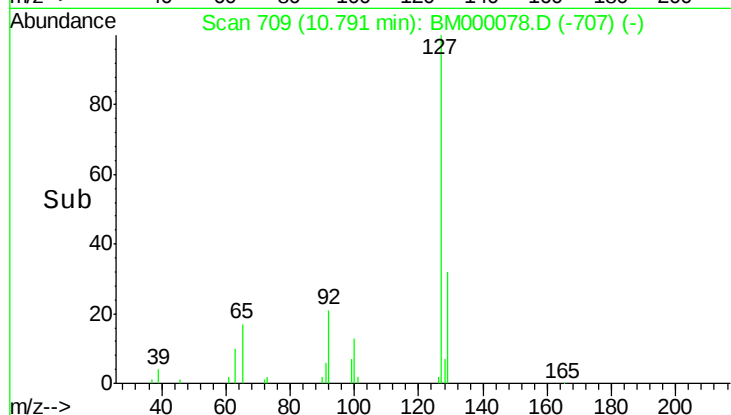
#30
 4-Chloroaniline
 Concen: 4.82 ng/ul
 RT: 10.79 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tgt Ion:127 Resp: 107732
 Ion Ratio Lower Upper
 127 100
 129 33.2 26.5 39.7

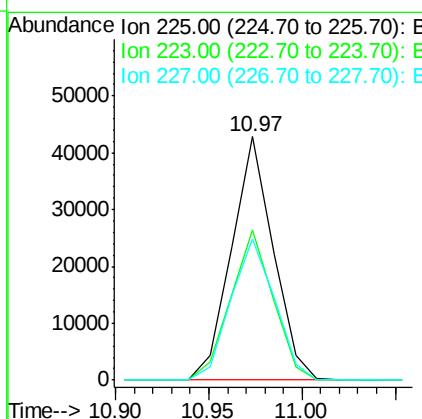
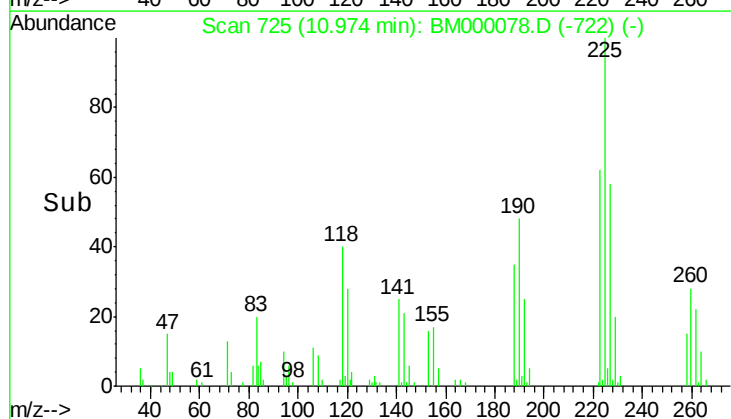
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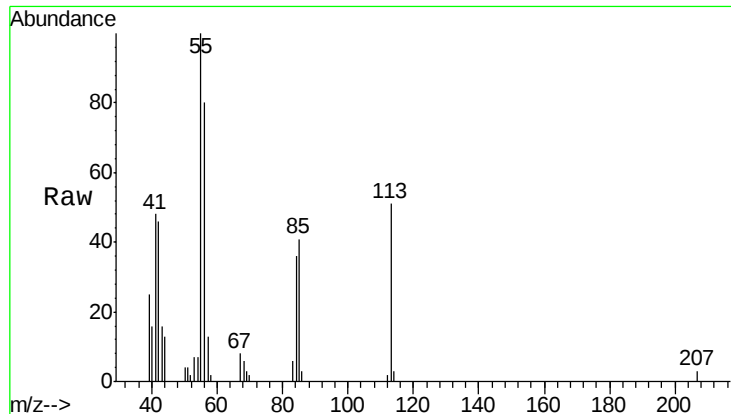
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#31
 Hexachlorobutadiene
 Concen: 4.96 ng/ul
 RT: 10.97 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Tgt Ion:225 Resp: 66848
 Ion Ratio Lower Upper
 225 100
 223 61.6 54.4 81.6
 227 57.9 51.8 77.8





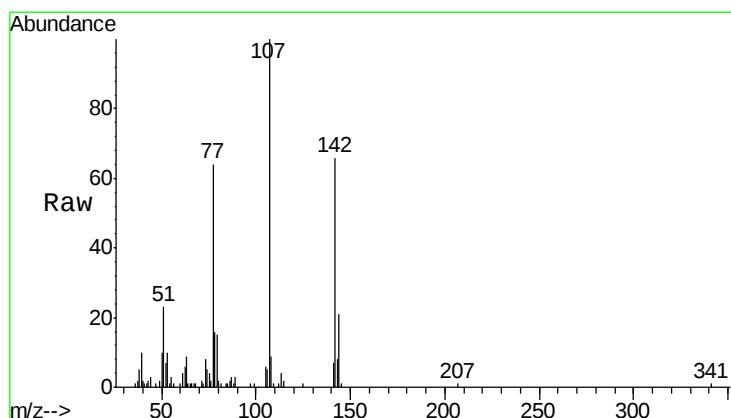
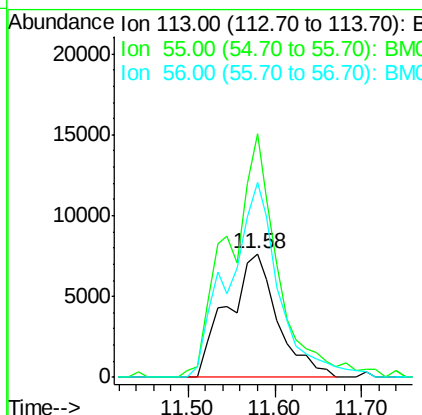
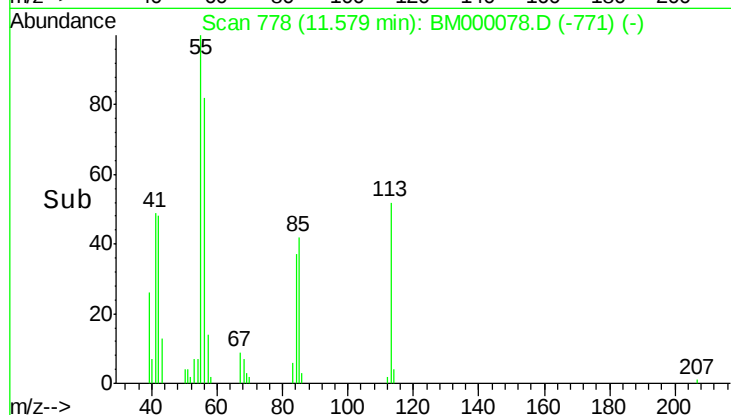
#32
 Caprolactam
 Concen: 4.88 ng/ul m
 RT: 11.58 min Scan# 778
 Delta R.T. 0.03 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tgt Ion:113 Resp: 30898
 Ion Ratio Lower Upper
 113 100
 55 197.1 156.6 234.8
 56 157.5 126.3 189.5

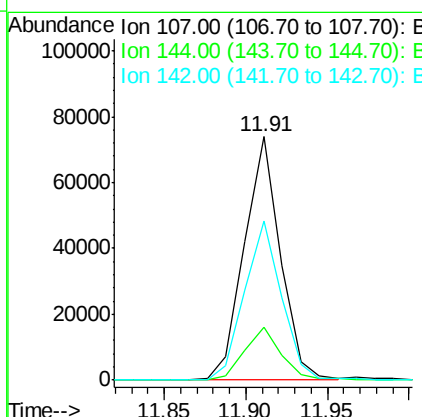
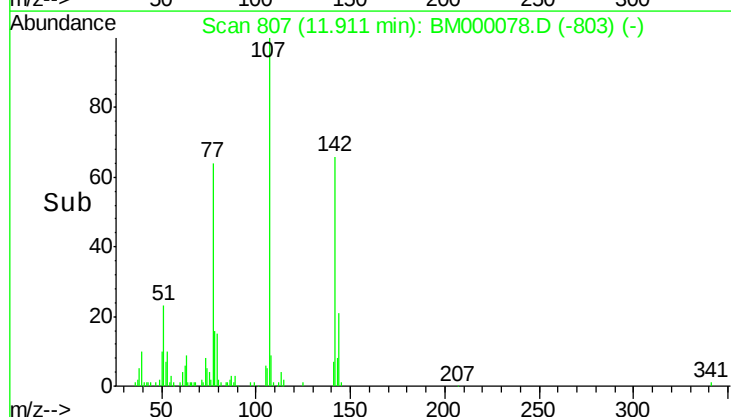
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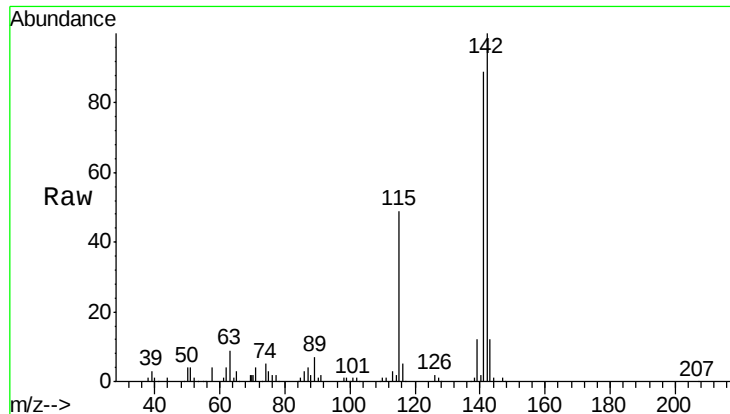
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#33
 4-Chloro-3-methylphenol
 Concen: 4.88 ng/ul
 RT: 11.91 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Tgt Ion:107 Resp: 113807
 Ion Ratio Lower Upper
 107 100
 144 21.5 16.6 24.8
 142 65.6 54.6 82.0





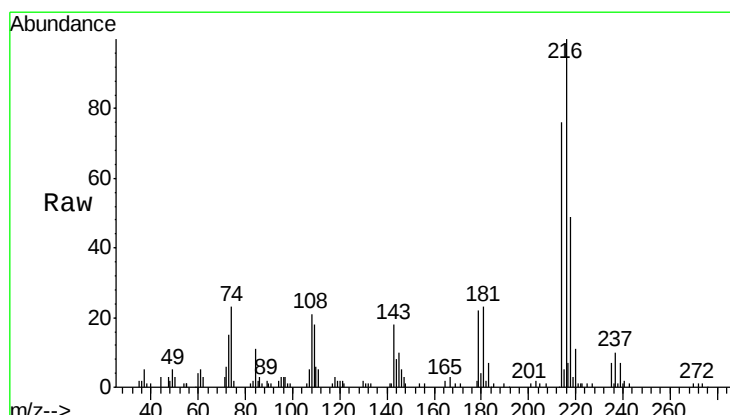
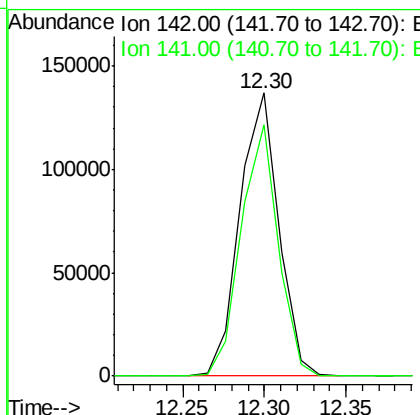
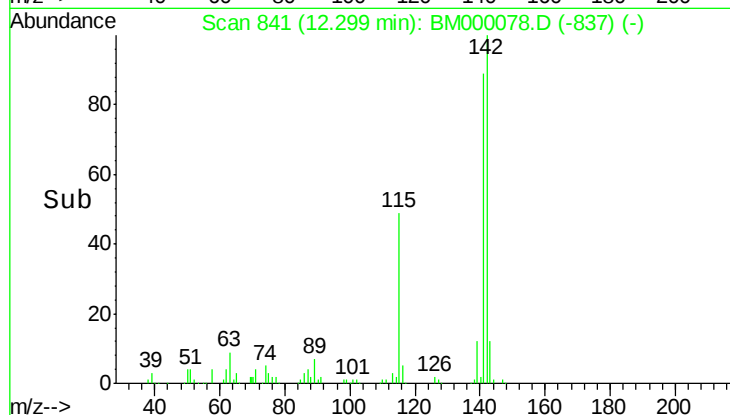
#34
 2-Methylnaphthalene
 Concen: 4.90 ng/ul
 RT: 12.30 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tgt Ion:142 Resp: 226186
 Ion Ratio Lower Upper
 142 100
 141 88.8 69.3 103.9

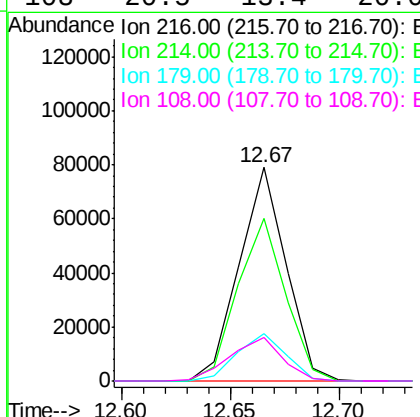
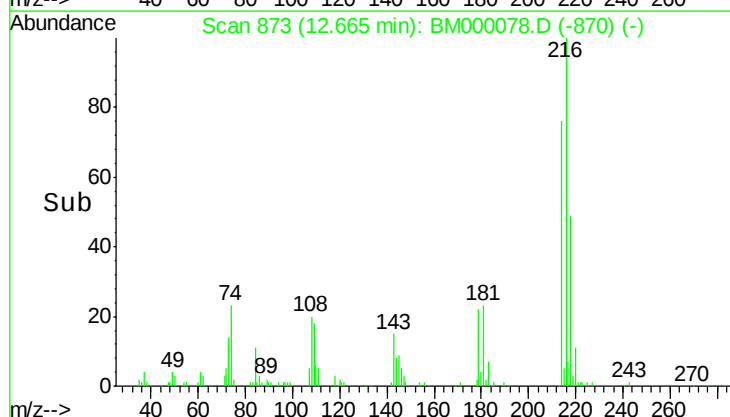
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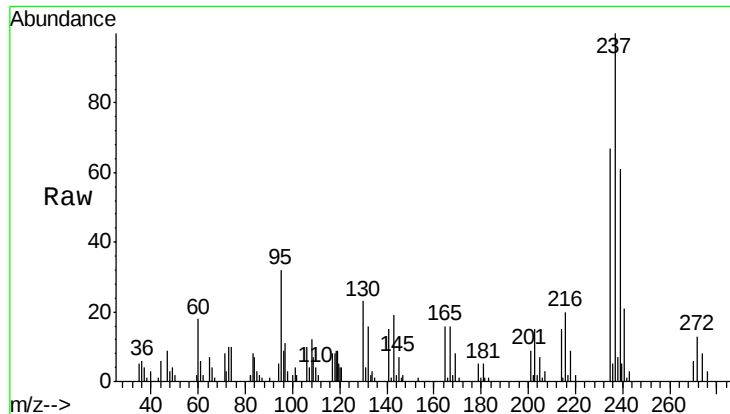
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.90 ng/ul
 RT: 12.67 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Tgt Ion:216 Resp: 119015
 Ion Ratio Lower Upper
 216 100
 214 76.2 62.6 94.0
 179 22.1 17.4 26.2
 108 20.5 13.4 20.0#





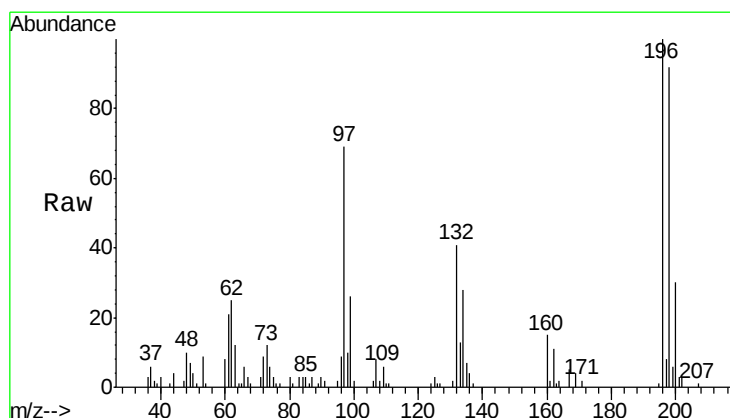
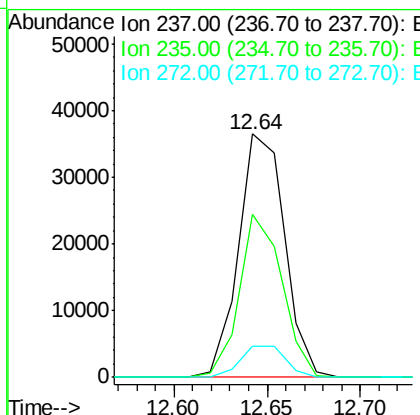
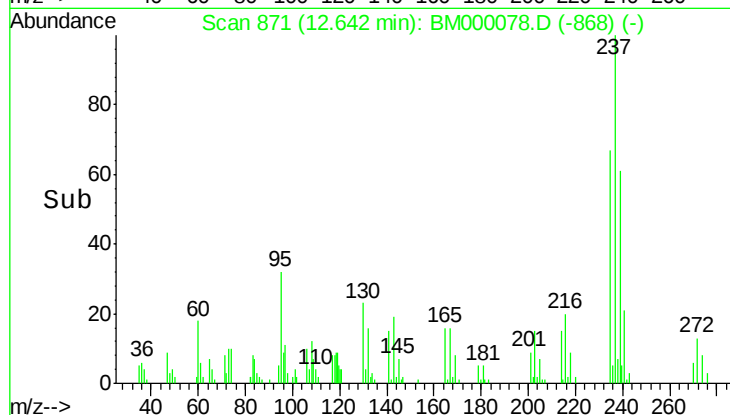
#37
Hexachlorocyclopentadiene
Concen: 3.91 ng/ul
RT: 12.64 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion:237 Resp: 62751
Ion Ratio Lower Upper
237 100
235 66.7 50.0 75.0
272 12.6 8.9 13.3

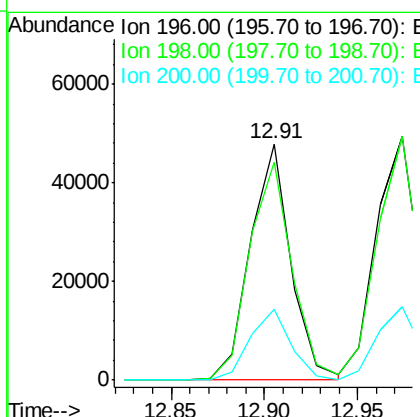
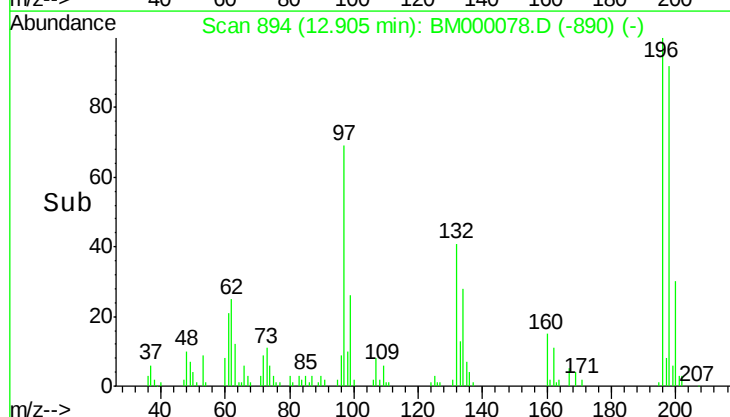
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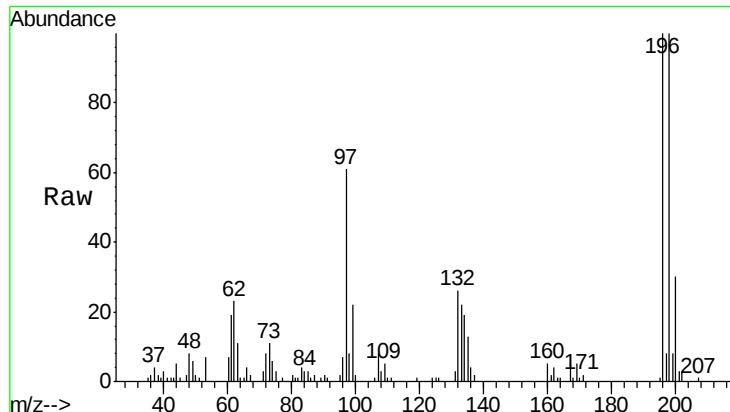
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#38
2,4,6-Trichlorophenol
Concen: 4.72 ng/ul
RT: 12.91 min Scan# 894
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Tgt Ion:196 Resp: 73027
Ion Ratio Lower Upper
196 100
198 92.0 76.6 114.8
200 30.0 24.5 36.7





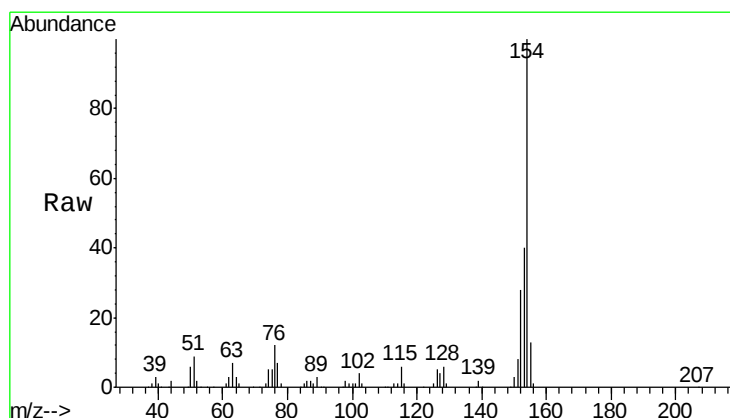
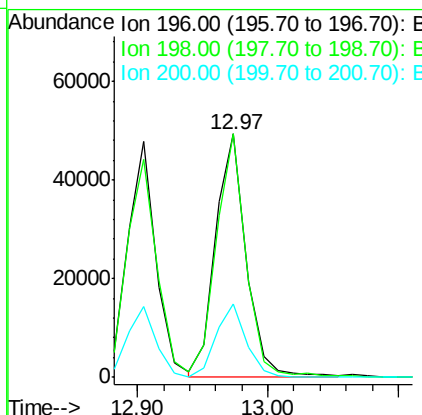
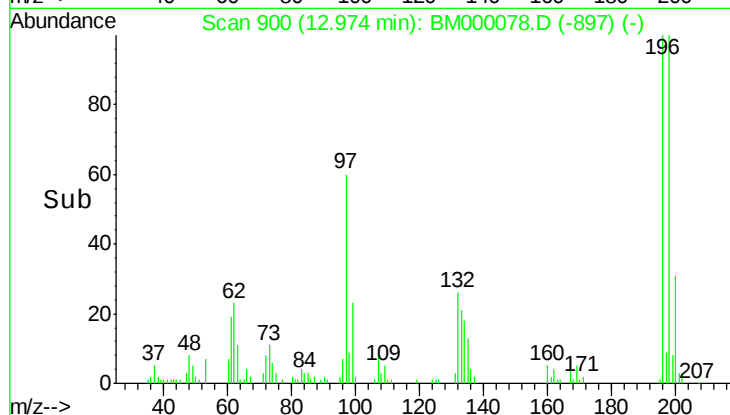
#39
 2,4,5-Trichlorophenol
 Concen: 4.84 ng/ul
 RT: 12.97 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	81441		
198	99.9	75.4	113.2	
200	29.9	25.0	37.4	

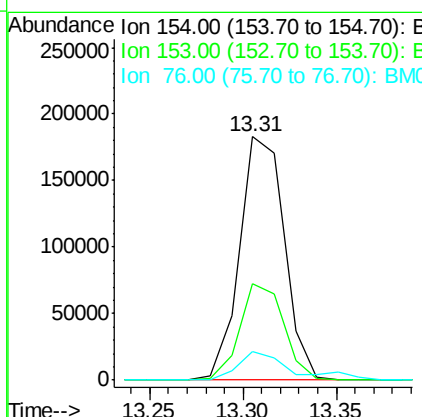
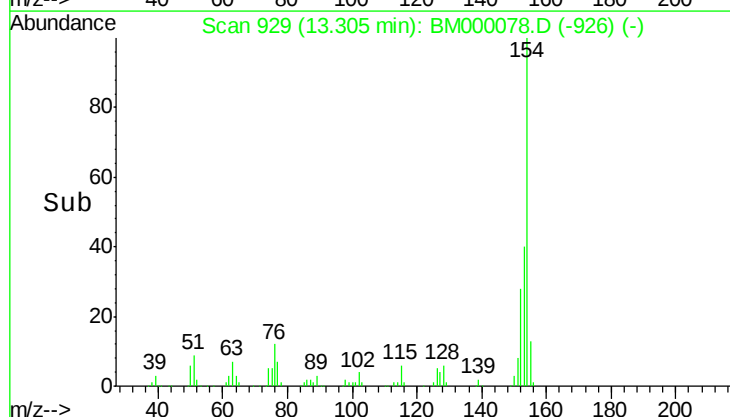
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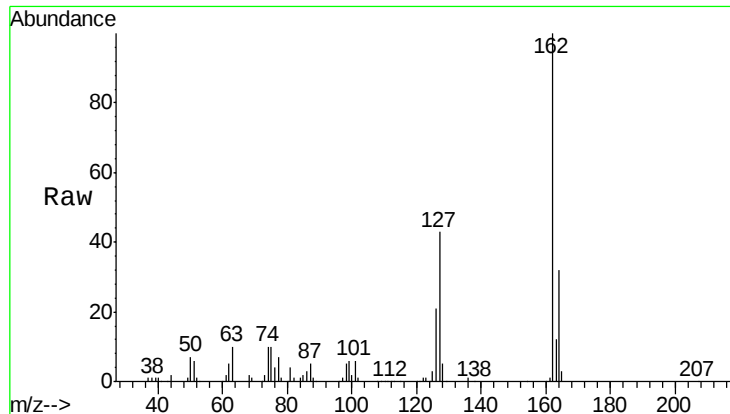
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#40
 1,1'-Biphenyl
 Concen: 4.84 ng/ul
 RT: 13.31 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	305316		
153	39.7	30.5	45.7	
76	11.9	8.9	13.3	





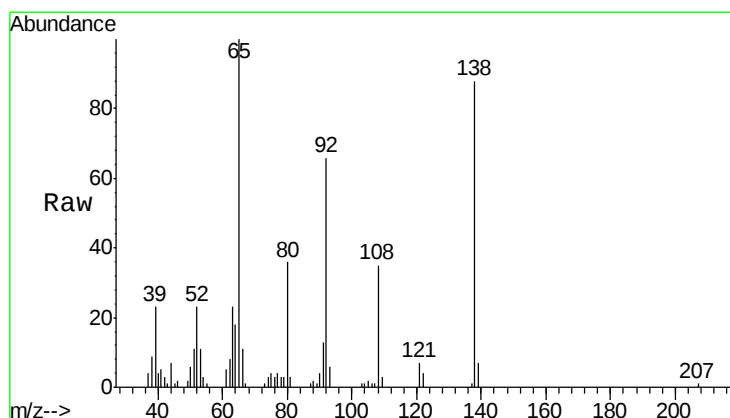
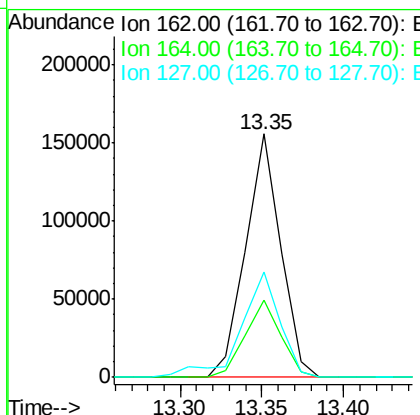
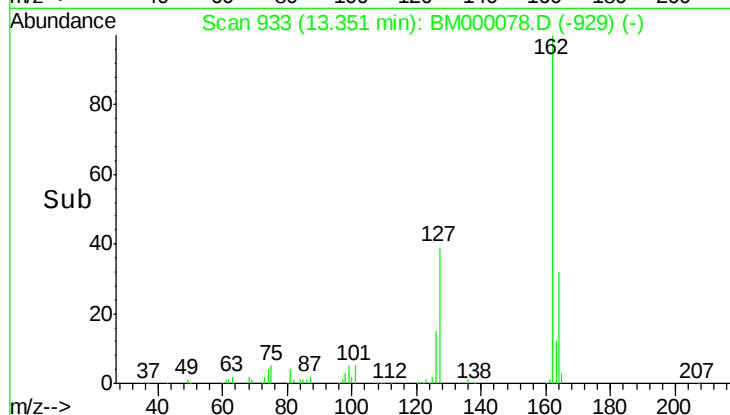
#41
2-Chloronaphthalene
Concen: 4.81 ng/ul
RT: 13.35 min Scan# 933
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	232323		
164	31.8	25.8	38.6	
127	43.1	35.9	53.9	

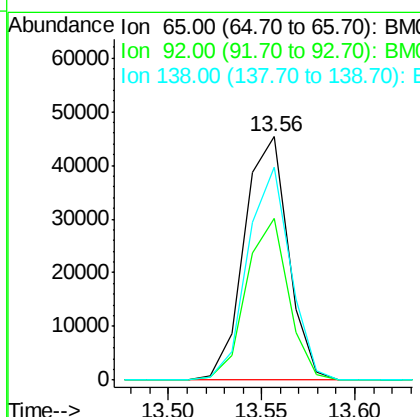
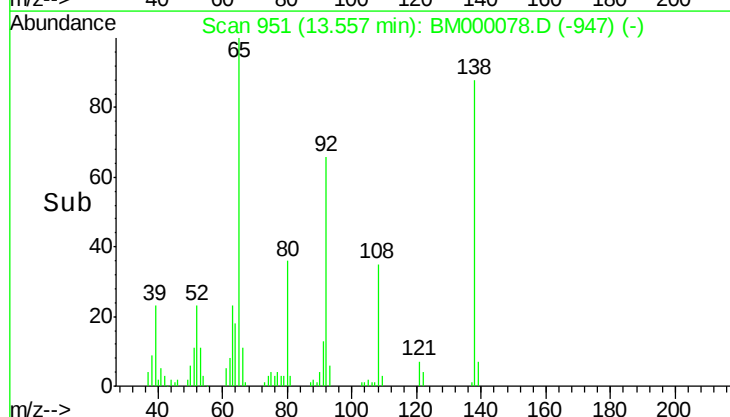
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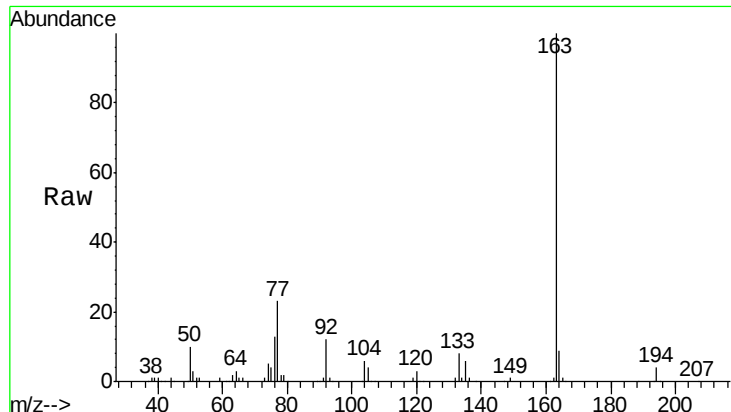
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#42
2-Nitroaniline
Concen: 4.72 ng/ul
RT: 13.56 min Scan# 951
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	73985		
92	66.2	50.4	75.6	
138	87.7	66.9	100.3	





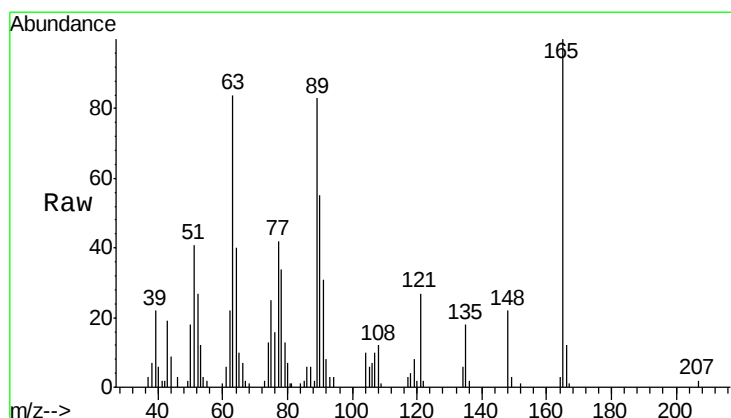
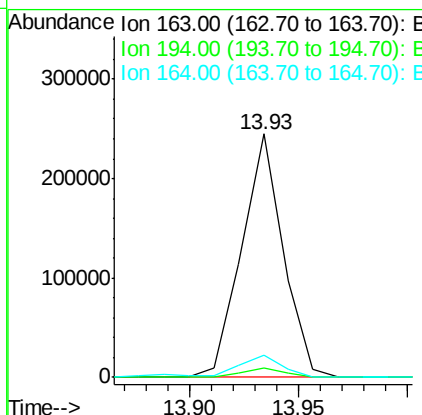
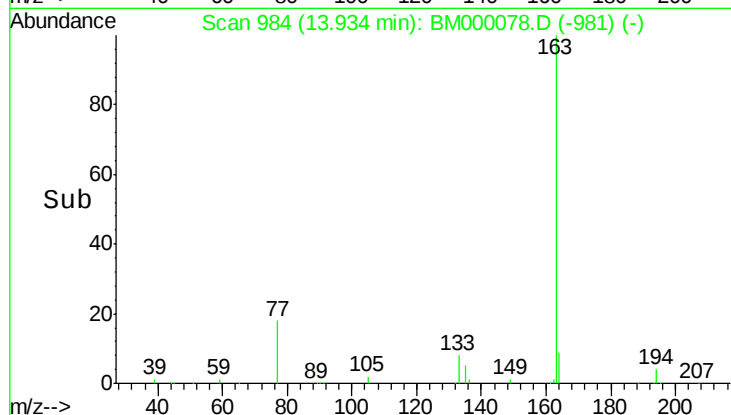
#44
Dimethylphthalate
Concen: 5.03 ng/ul
RT: 13.93 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	323238		
194	3.9	3.0	4.4	
164	9.1	8.5	12.7	

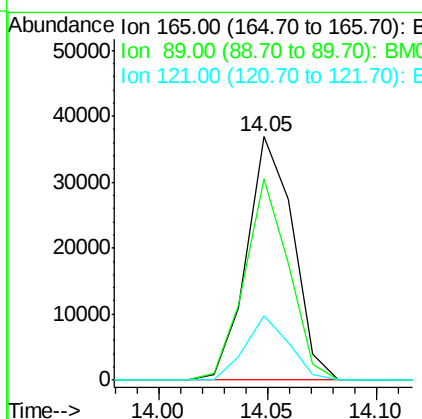
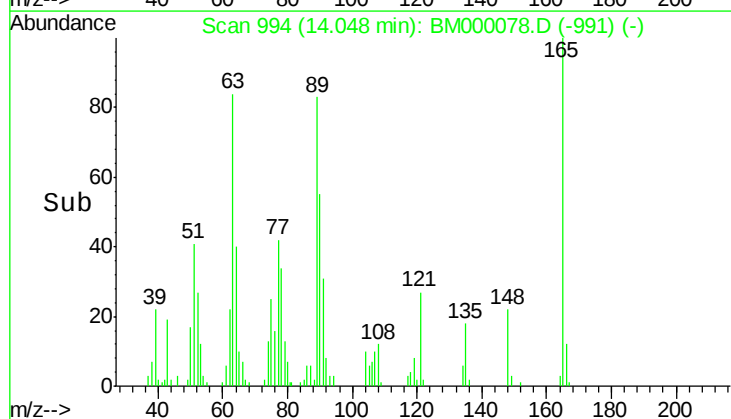
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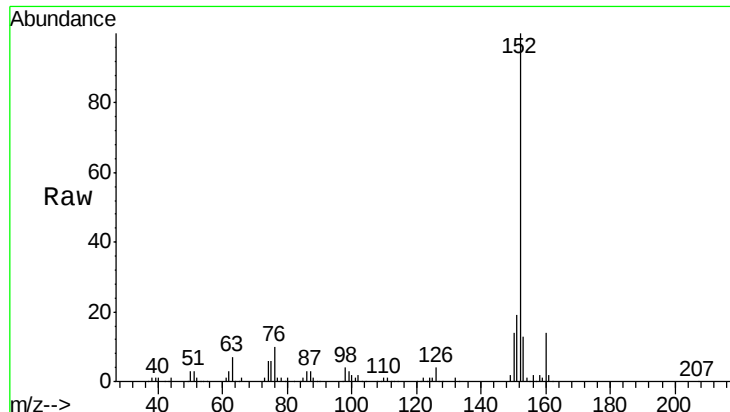
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#45
2,6-Dinitrotoluene
Concen: 4.78 ng/ul
RT: 14.05 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	54993		
89	82.5	54.4	81.6#	
121	26.6	18.6	28.0	





#47

Acenaphthylene

Concen: 4.77 ng/ul

RT: 14.20 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BM000078.D

Acq: 30 Dec 2014 03:25

Instrument :

BNA_M

ClientSampleId :

MDL-05-S

Tgt Ion:152 Resp: 388797

Ion Ratio Lower Upper

152 100

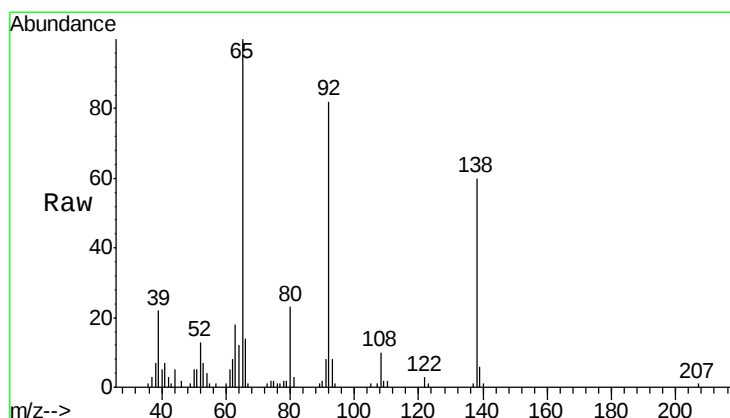
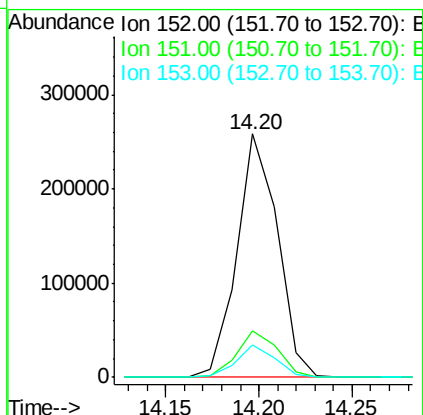
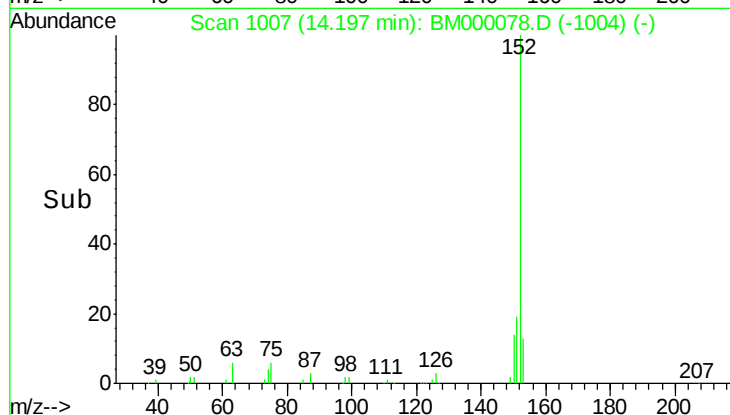
151 19.3 15.4 23.2

153 13.5 10.2 15.2

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#48

3-Nitroaniline

Concen: 4.75 ng/ul

RT: 14.38 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BM000078.D

Acq: 30 Dec 2014 03:25

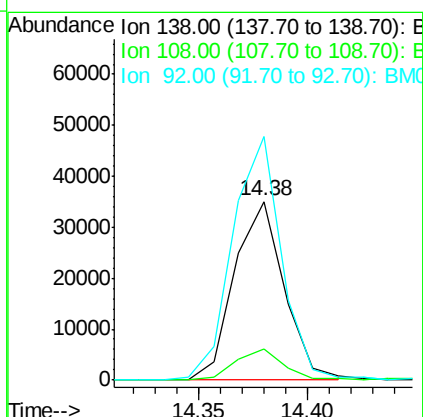
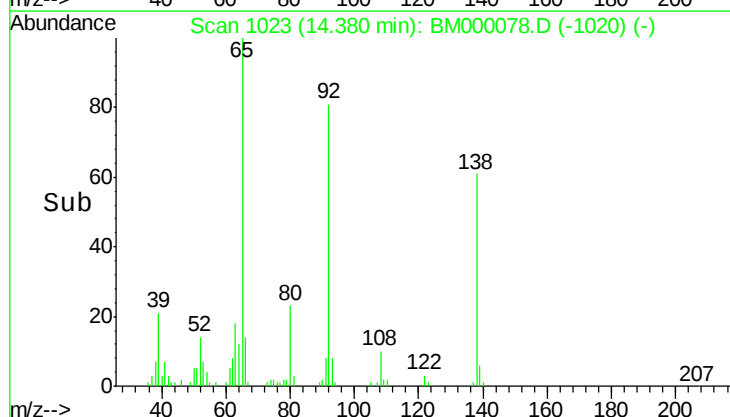
Tgt Ion:138 Resp: 55910

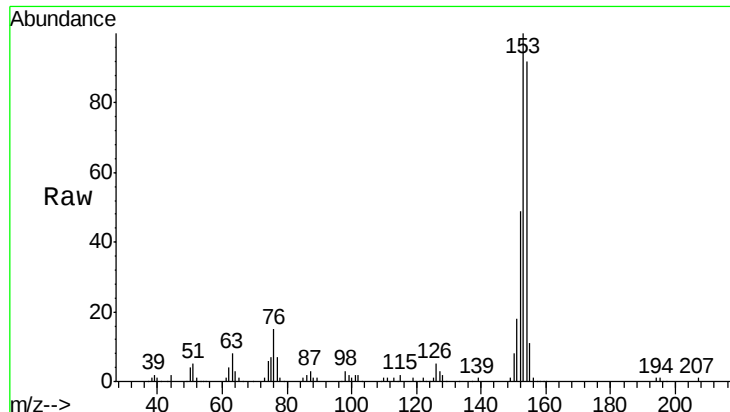
Ion Ratio Lower Upper

138 100

108 17.1 11.2 16.8#

92 136.0 110.6 165.8





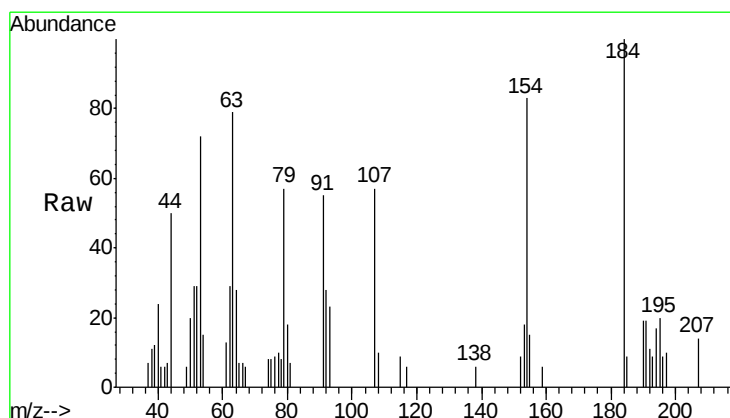
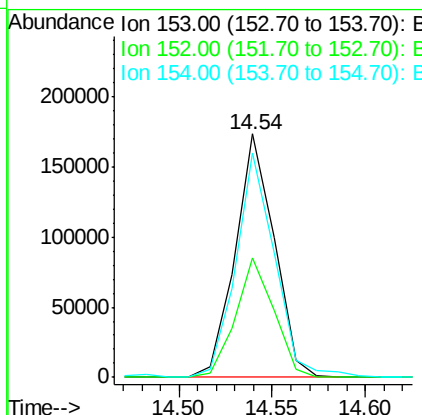
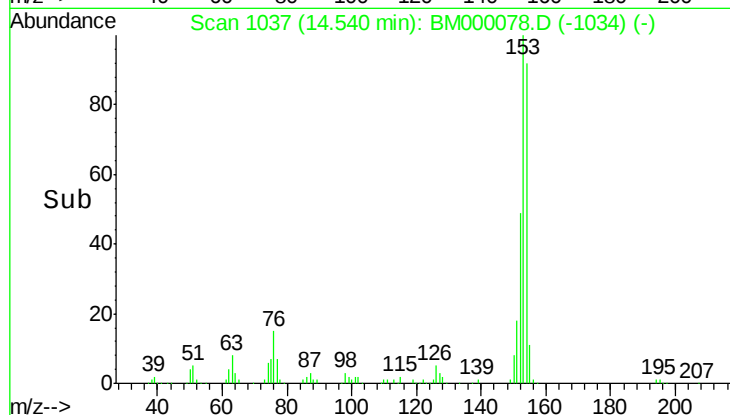
#49
 Acenaphthene
 Concen: 4.86 ng/ul
 RT: 14.54 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tgt Ion:	153	Resp:	252540
Ion Ratio	Lower	Upper	
153	100		
152	48.9	37.5	56.3
154	92.2	72.2	108.4

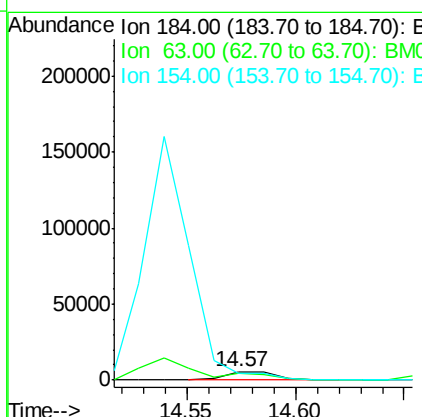
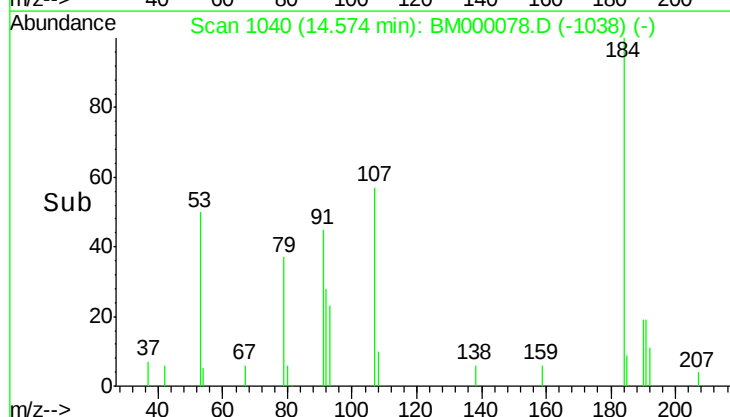
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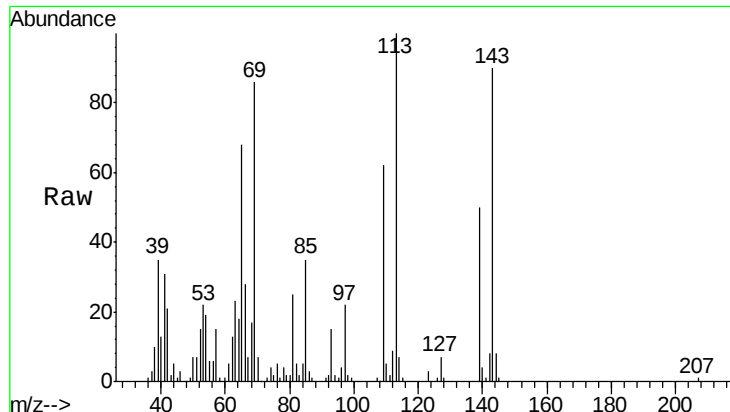
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#50
 2,4-Dinitrophenol
 Concen: 1.64 ng/ul
 RT: 14.57 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Tgt Ion:	184	Resp:	9602
Ion Ratio	Lower	Upper	
184	100		
63	79.0	56.1	84.1
154	83.0	68.2	102.4





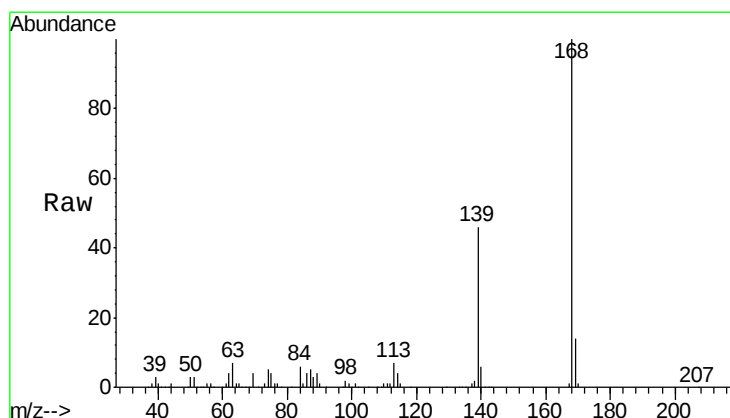
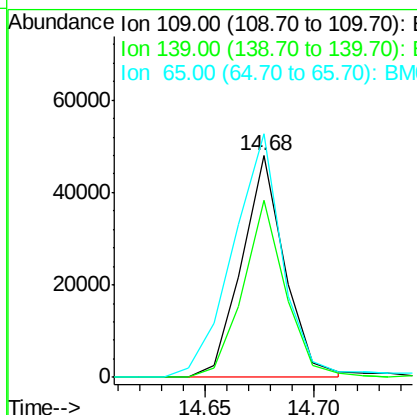
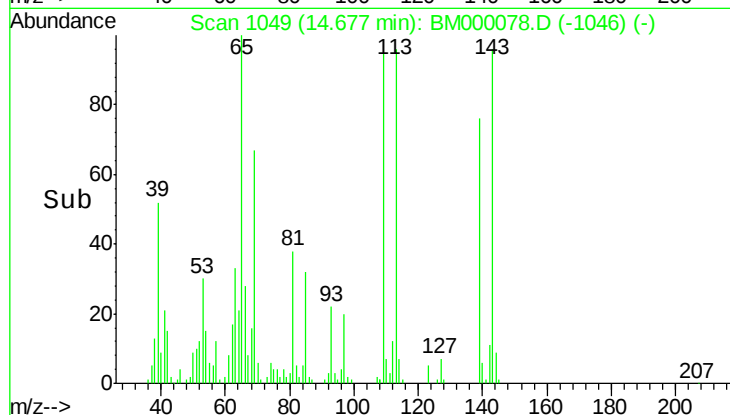
#52
4-Nitrophenol
Concen: 4.78 ng/ul
RT: 14.68 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	66231		
139	79.8	62.5	93.7	
65	109.8	88.7	133.1	

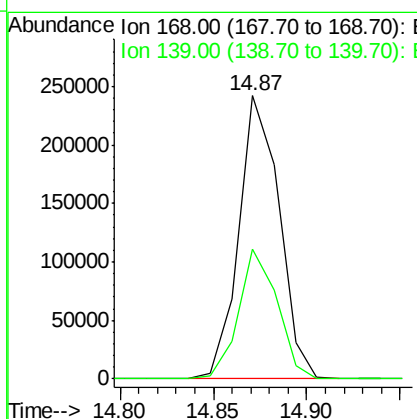
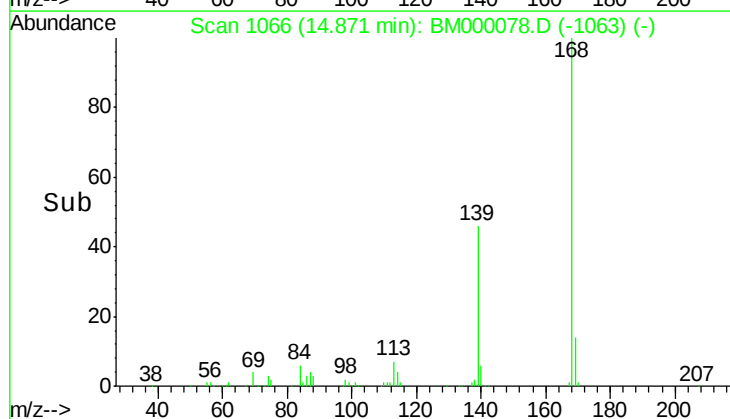
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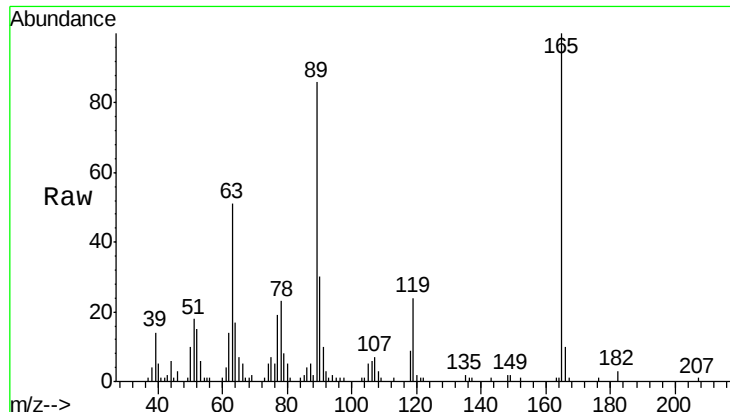
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#53
Dibenzofuran
Concen: 4.84 ng/ul
RT: 14.87 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	364599		
139	45.8	33.6	50.4	





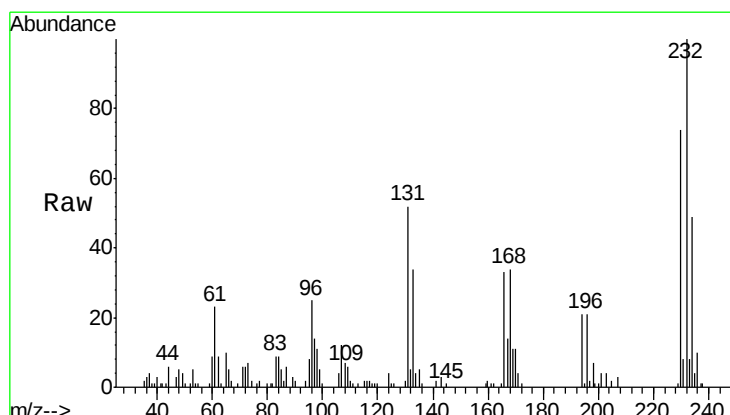
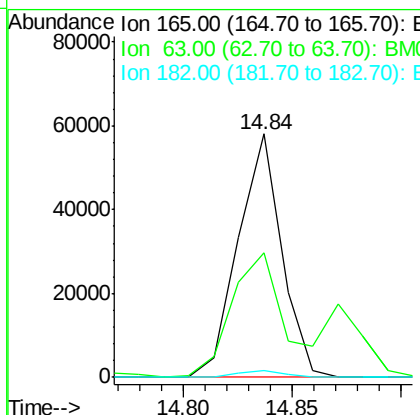
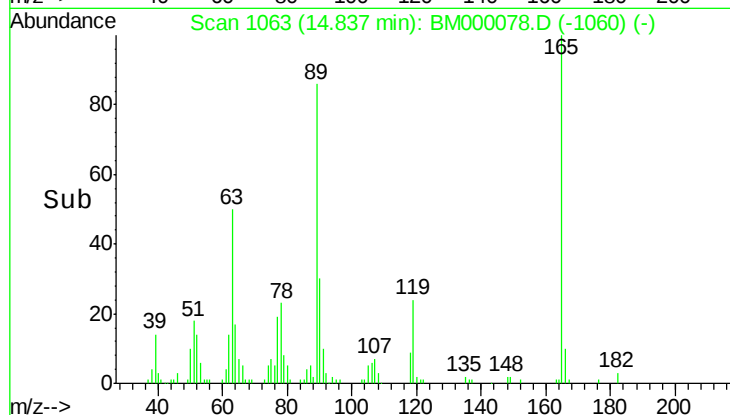
#54
 2,4-Dinitrotoluene
 Concen: 4.71 ng/ul
 RT: 14.84 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	80895		
63	51.1	48.8	73.2	
182	2.7	2.1	3.1	

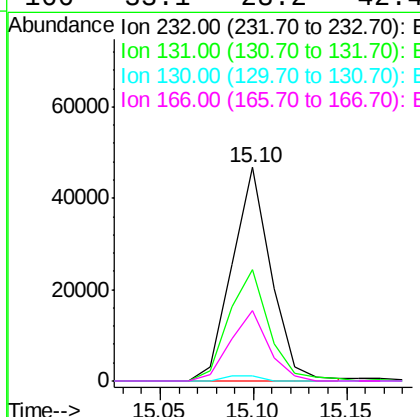
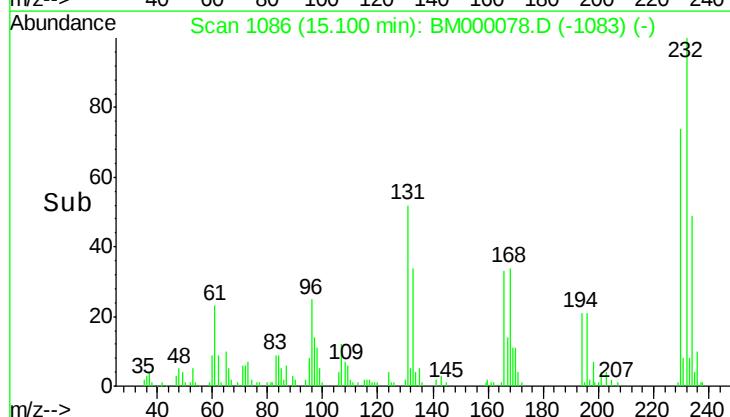
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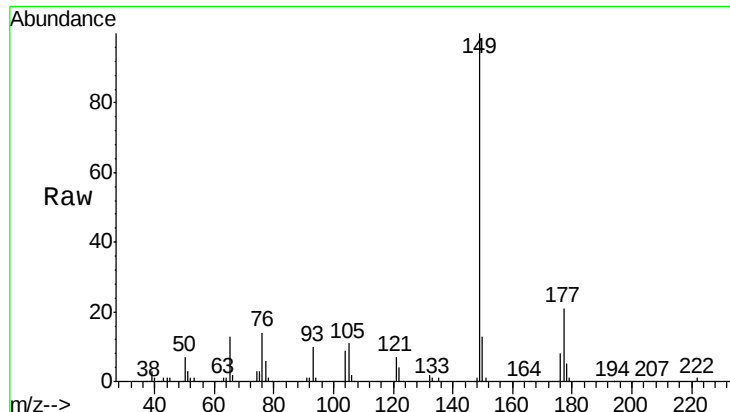
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 4.74 ng/ul
 RT: 15.10 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	68665		
131	52.1	43.4	65.0	
130	2.3	2.7	4.1#	
166	33.1	28.2	42.4	





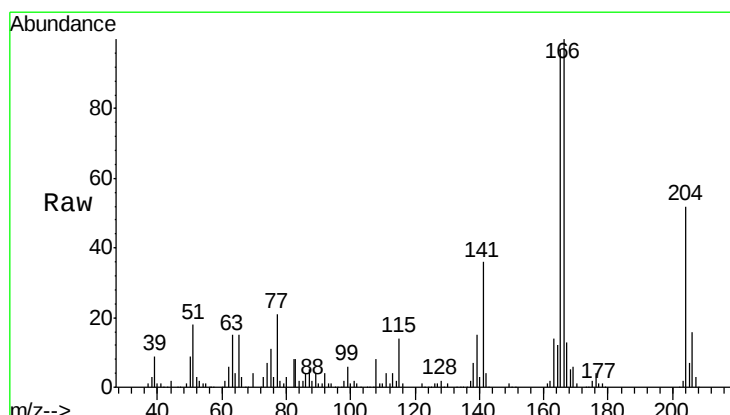
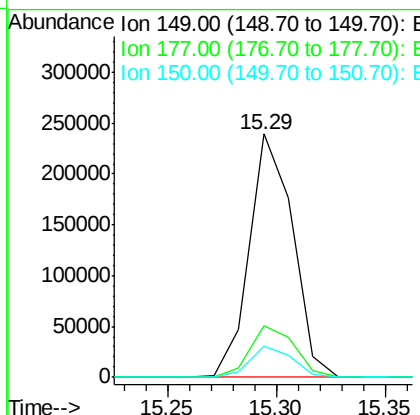
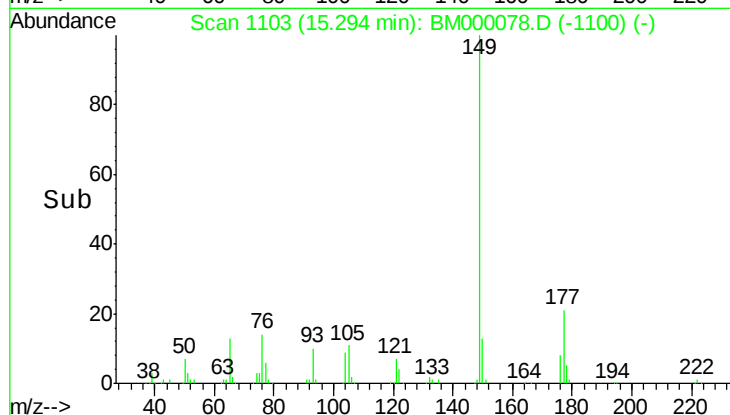
#56
Diethylphthalate
Concen: 4.94 ng/ul
RT: 15.29 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion:149 Resp: 333482
Ion Ratio Lower Upper
149 100
177 21.2 17.4 26.2
150 12.6 10.5 15.7

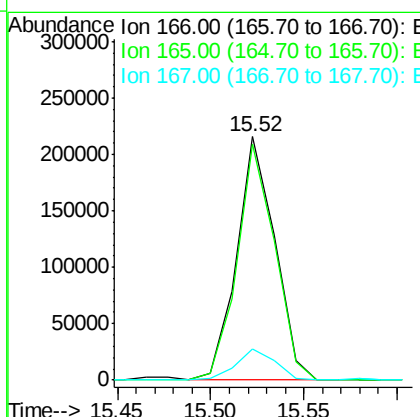
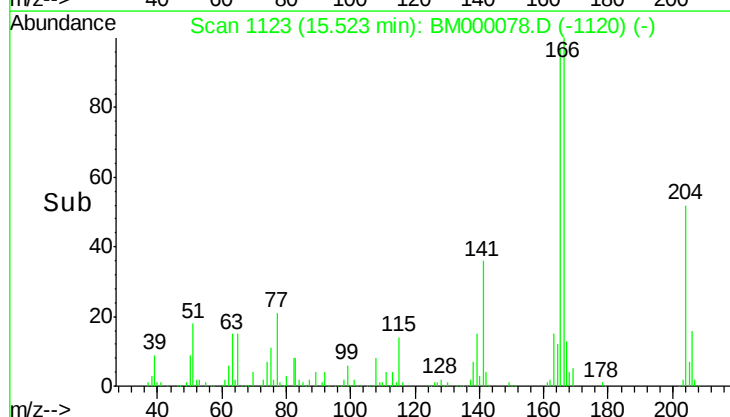
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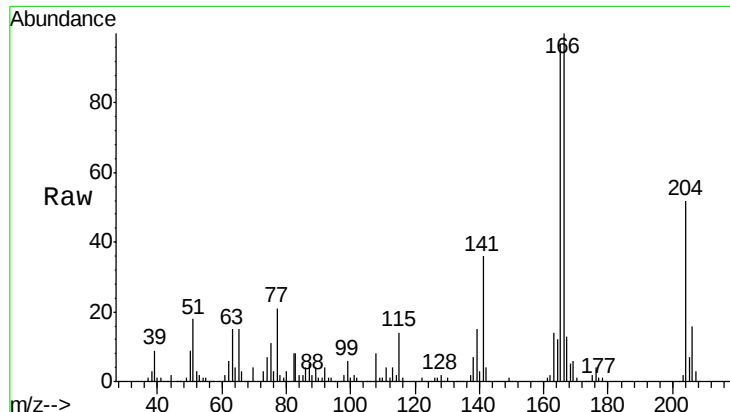
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#58
Fluorene
Concen: 4.91 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Tgt Ion:166 Resp: 306951
Ion Ratio Lower Upper
166 100
165 96.9 76.0 114.0
167 13.0 10.2 15.4





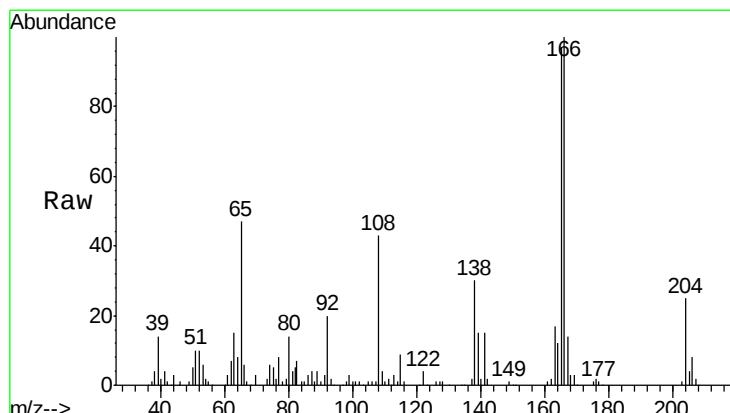
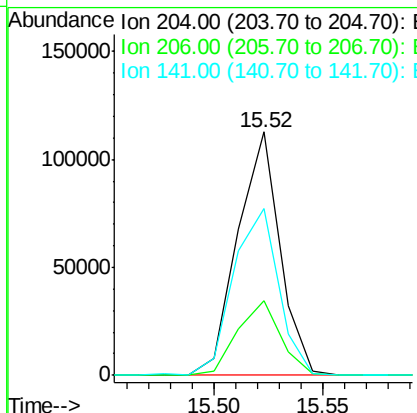
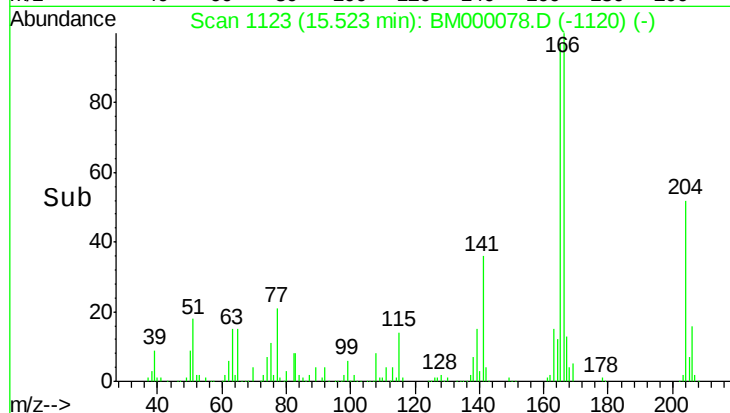
#59
 4-Chlorophenyl-phenylether
 Concen: 4.97 ng/ul
 RT: 15.52 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tgt Ion:	204	Resp:	153016
Ion Ratio	Lower	Upper	
204	100		
206	30.9	25.8	38.8
141	68.6	61.3	91.9

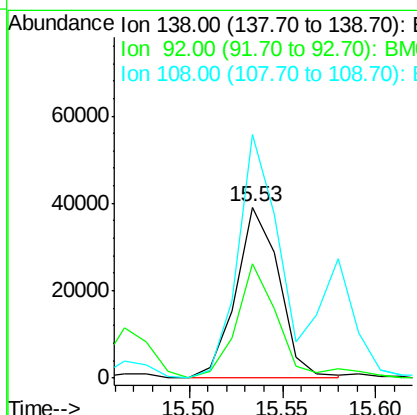
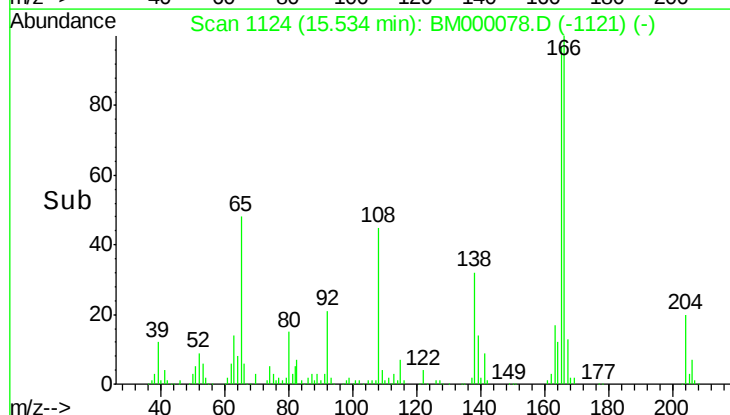
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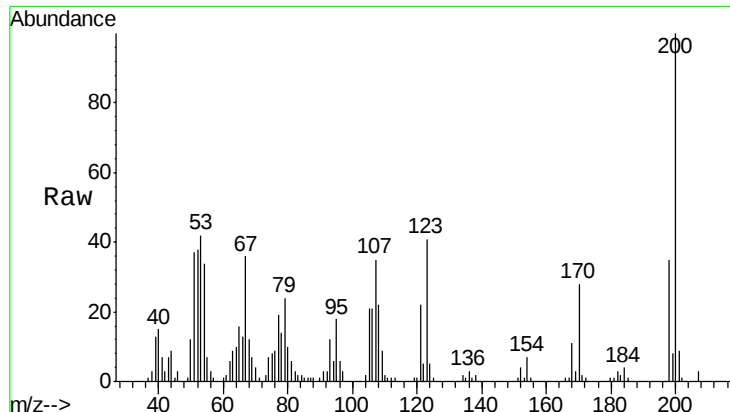
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#60
 4-Nitroaniline
 Concen: 4.76 ng/ul
 RT: 15.53 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Tgt Ion:	138	Resp:	63298
Ion Ratio	Lower	Upper	
138	100		
92	66.6	49.3	73.9
108	142.5	110.3	165.5





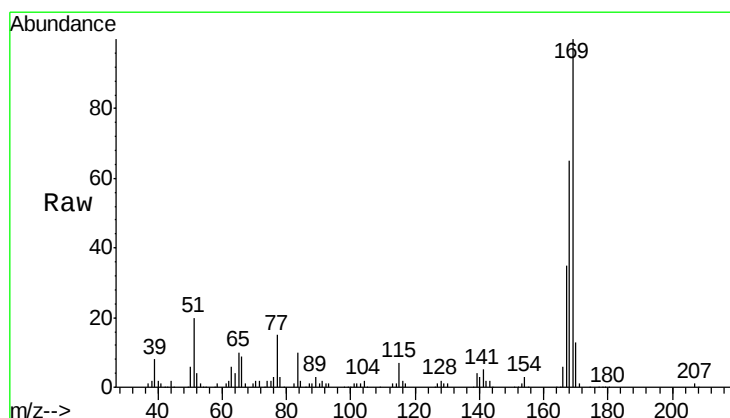
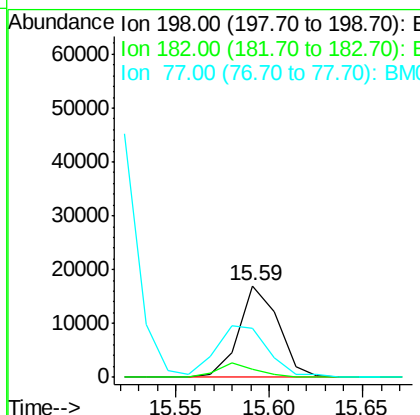
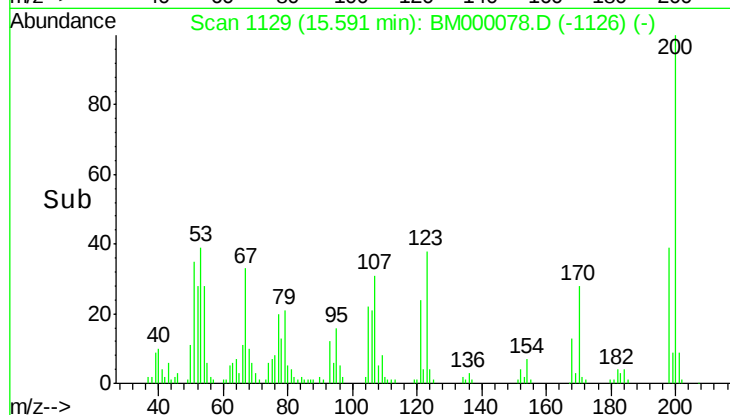
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.80 ng/ul
 RT: 15.59 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tgt Ion:198 Resp: 25177
 Ion Ratio Lower Upper
 198 100
 182 9.4 2.6 4.0#
 77 54.1 25.2 37.8#

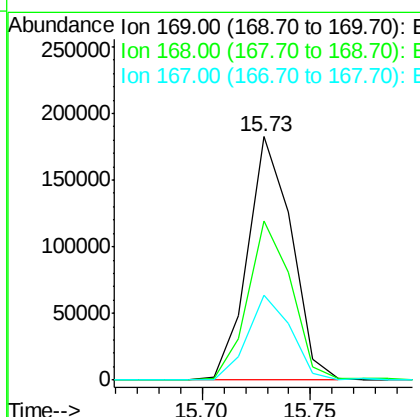
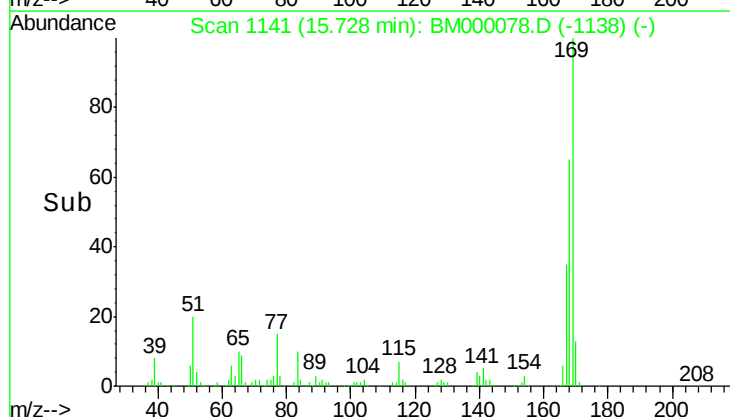
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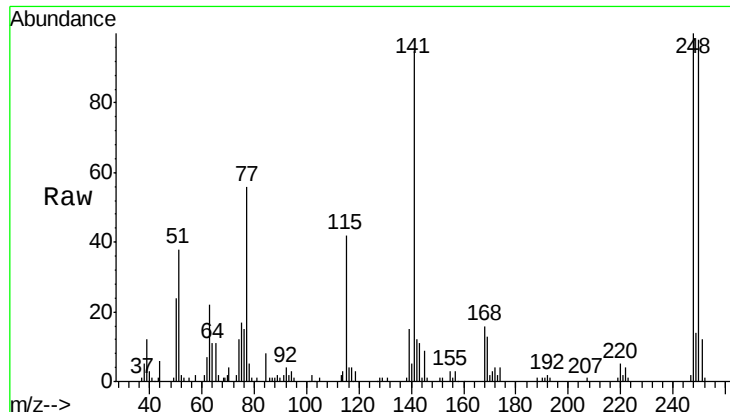
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#64
 N-Nitrosodiphenylamine
 Concen: 5.02 ng/ul
 RT: 15.73 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Tgt Ion:169 Resp: 257541
 Ion Ratio Lower Upper
 169 100
 168 65.4 51.8 77.6
 167 34.7 28.1 42.1





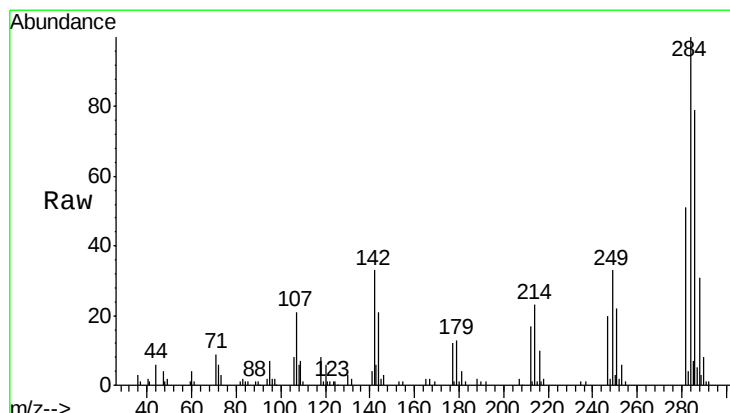
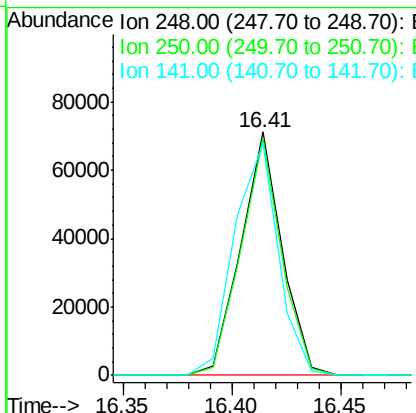
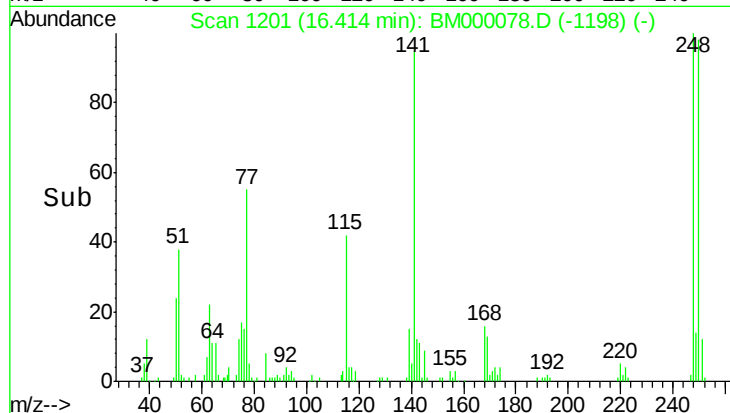
#65
 4-Bromophenyl-phenylether
 Concen: 5.19 ng/ul
 RT: 16.41 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tgt Ion:	248	Resp:	93633
Ion Ratio	Lower	Upper	
248	100		
250	97.6	78.4	117.6
141	95.2	67.0	100.4

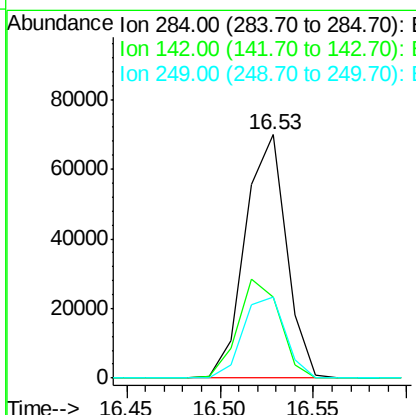
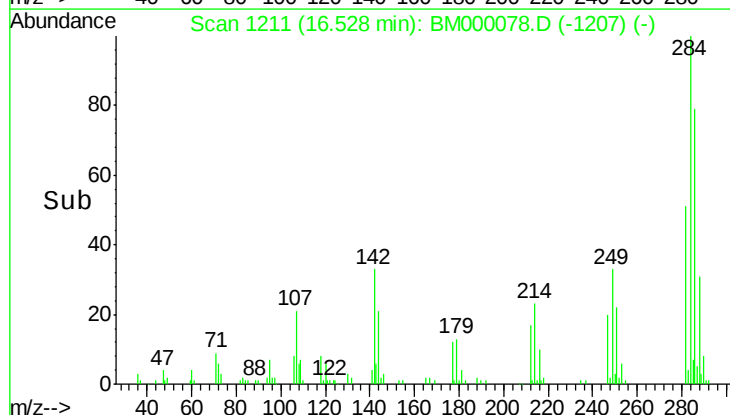
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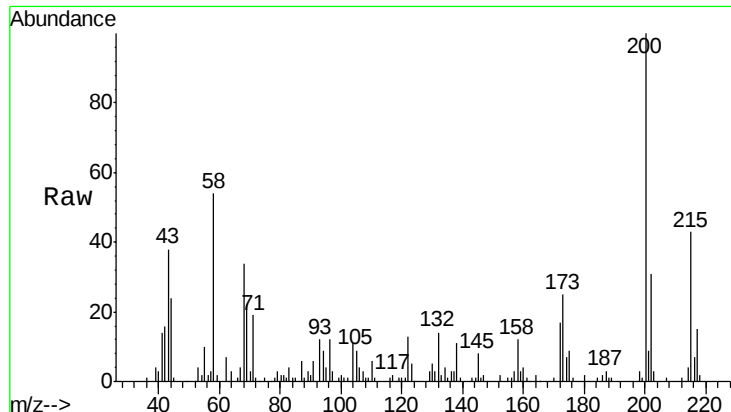
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#66
 Hexachlorobenzene
 Concen: 5.15 ng/ul
 RT: 16.53 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Tgt Ion:	284	Resp:	107042
Ion Ratio	Lower	Upper	
284	100		
142	33.1	32.4	48.6
249	33.2	26.7	40.1





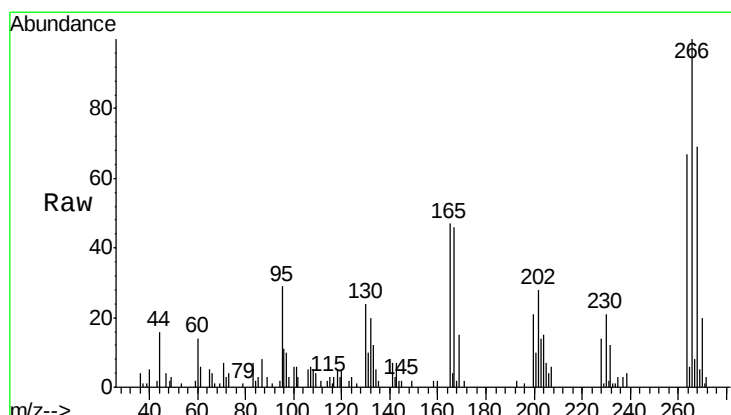
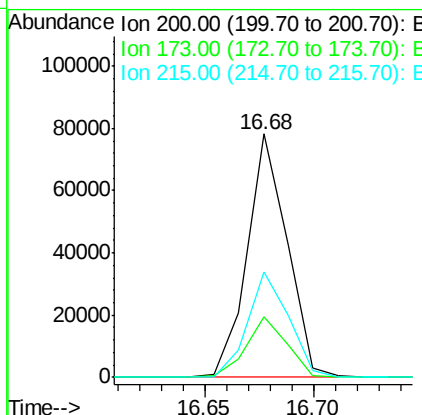
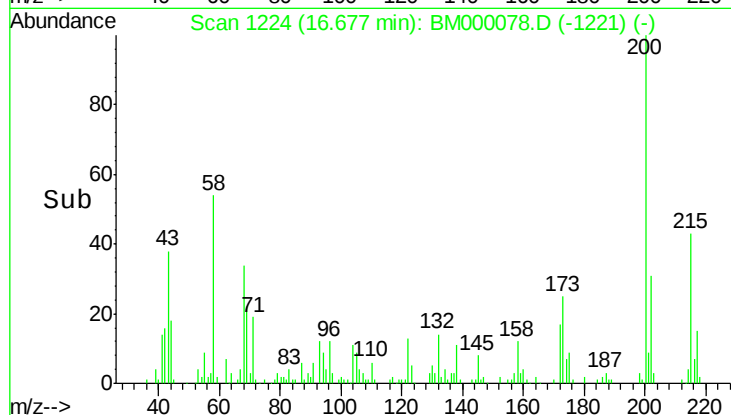
#67
Atrazine
Concen: 4.94 ng/ul
RT: 16.68 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Instrument :
BNA_M
ClientSampled :
MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	100065		
173	24.6	19.5	29.3	
215	43.1	36.6	54.8	

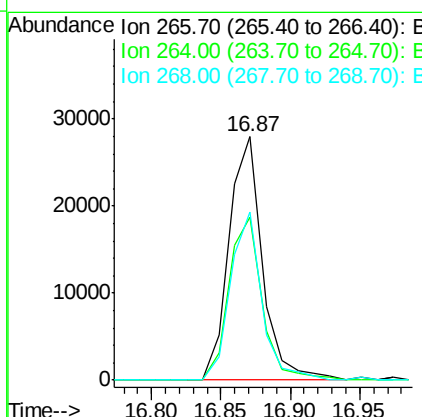
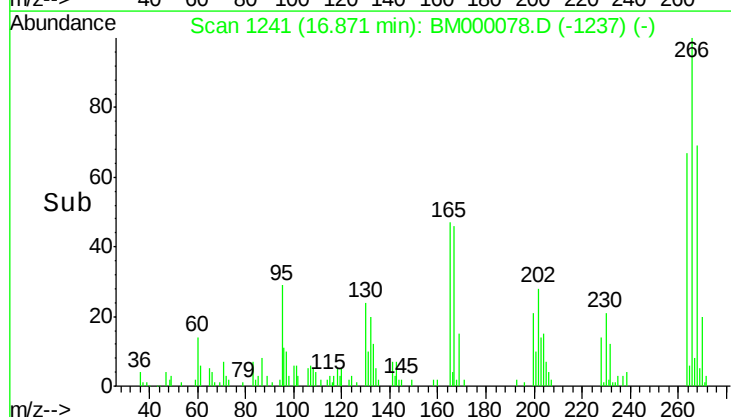
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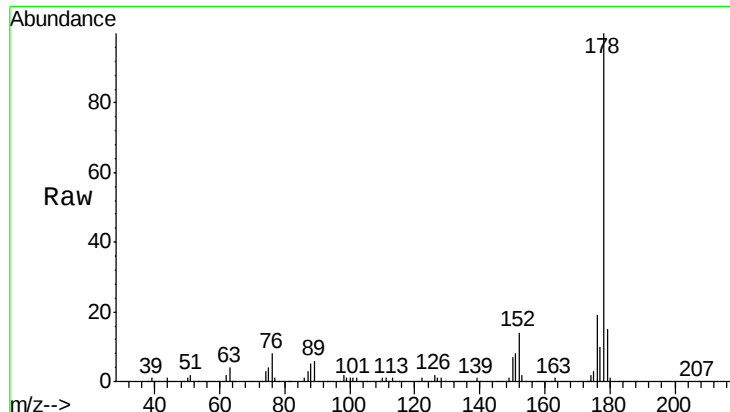
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#68
Pentachlorophenol
Concen: 3.73 ng/ul m
RT: 16.87 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	47170		
264	67.1	49.8	74.6	
268	68.9	48.2	72.4	





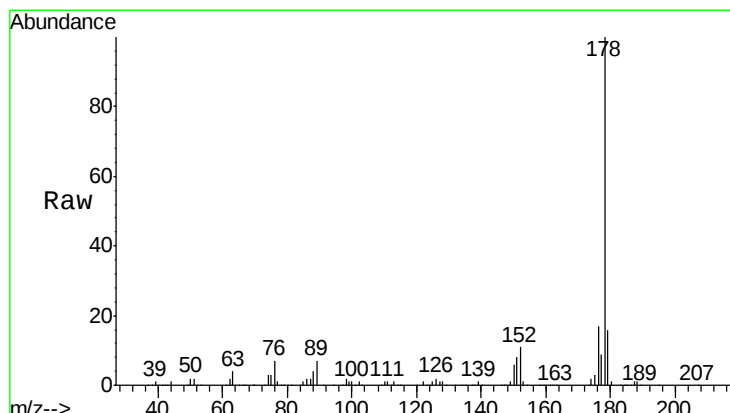
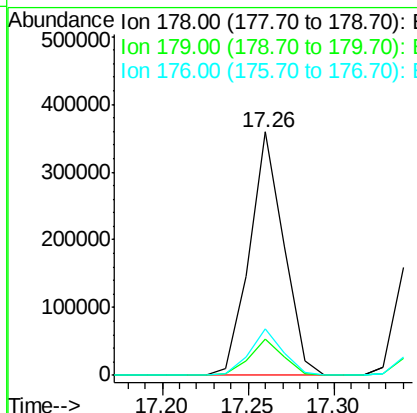
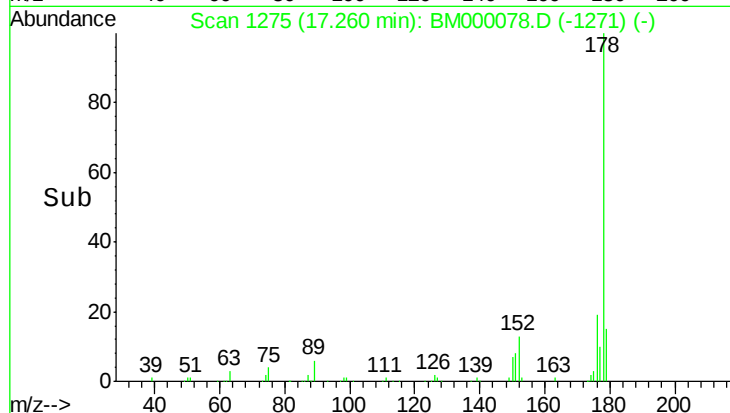
#69
Phenanthrene
Concen: 5.22 ng/ul m
RT: 17.26 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion:	178	Resp:	500067
Ion Ratio	Lower	Upper	
178	100		
179	15.1	11.6	17.4
176	19.1	14.6	22.0

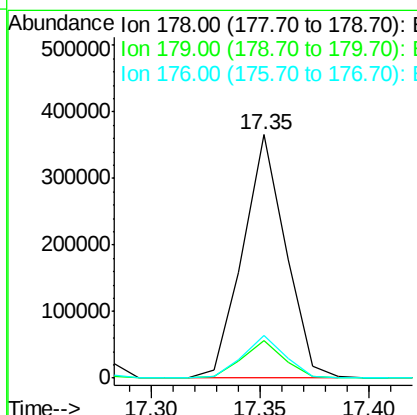
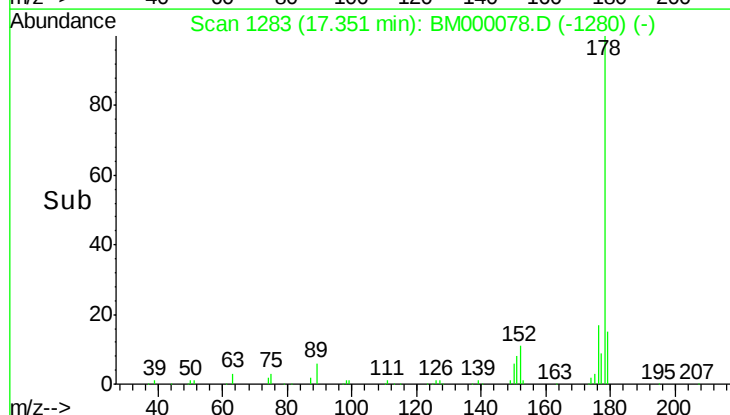
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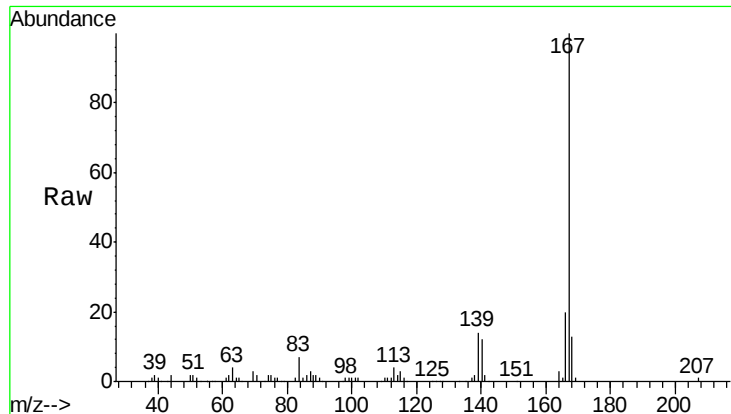
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#71
Anthracene
Concen: 5.06 ng/ul
RT: 17.35 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Tgt Ion:	178	Resp:	498830
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	18.8
176	17.4	14.6	21.8





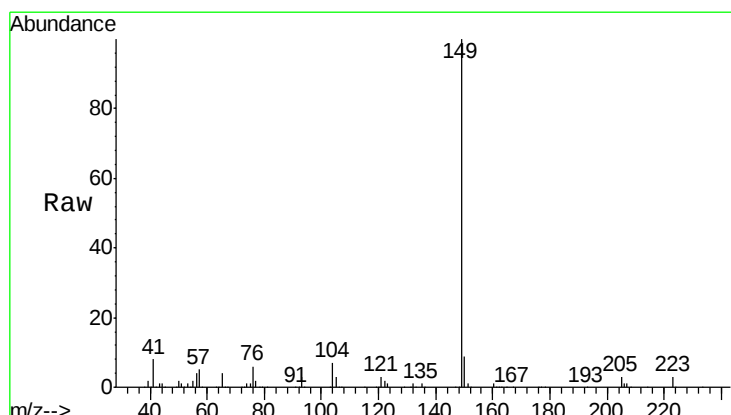
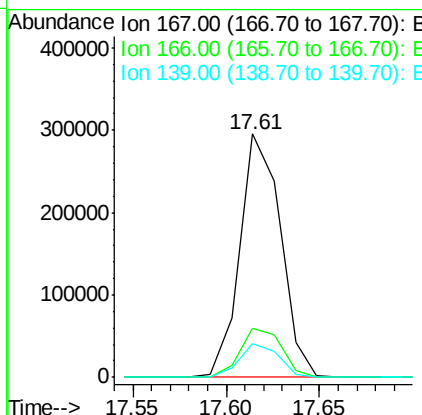
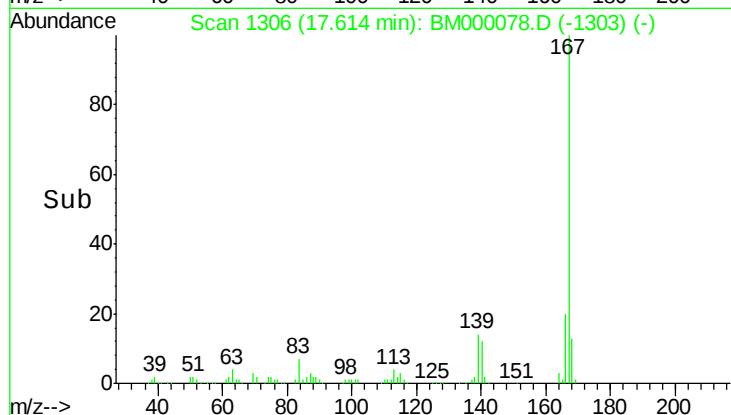
#72
 Carbazole
 Concen: 5.06 ng/ul
 RT: 17.61 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.0	16.2	24.4
139	13.9	10.7	16.1

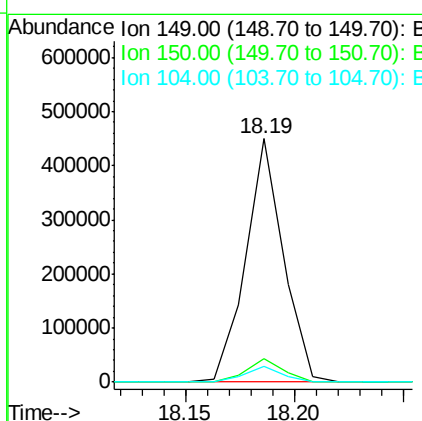
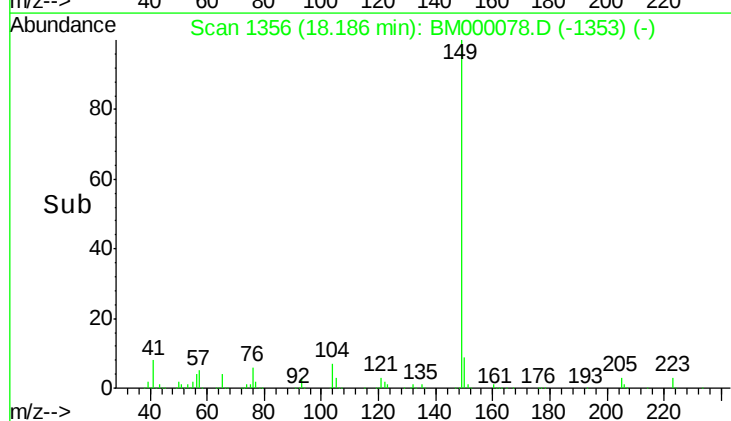
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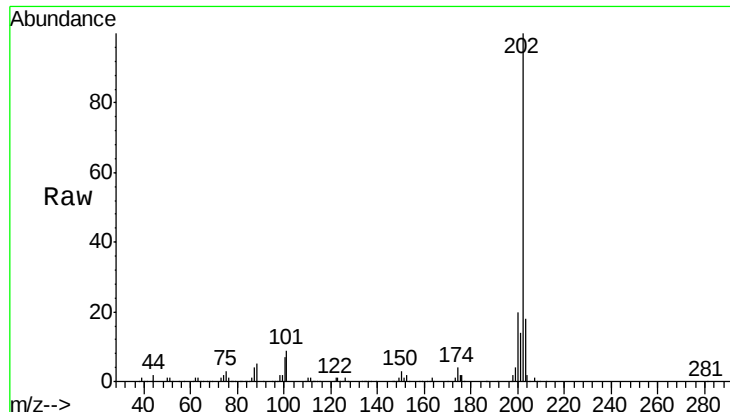
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#73
 Di-n-butylphthalate
 Concen: 5.12 ng/ul
 RT: 18.19 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.1	10.7
104	6.5	4.8	7.2





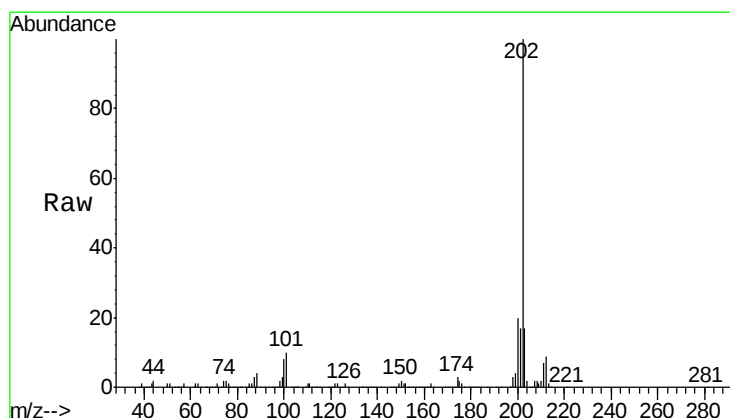
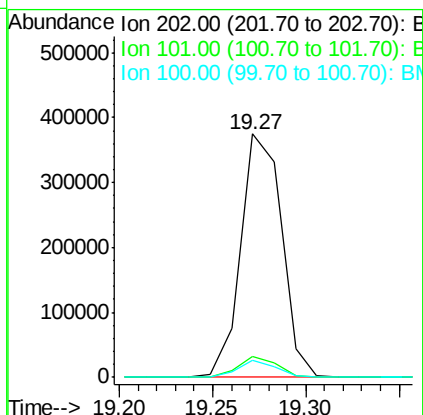
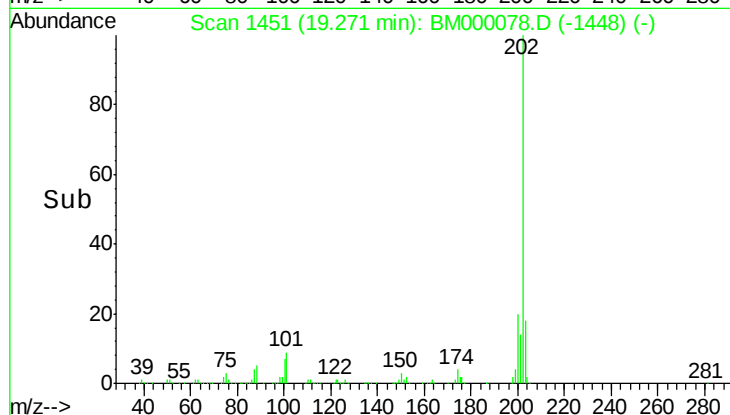
#74
 Fluoranthene
 Concen: 5.19 ng/ul
 RT: 19.27 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	570100		
101	8.8	6.4	9.6	
100	7.0	4.6	7.0	

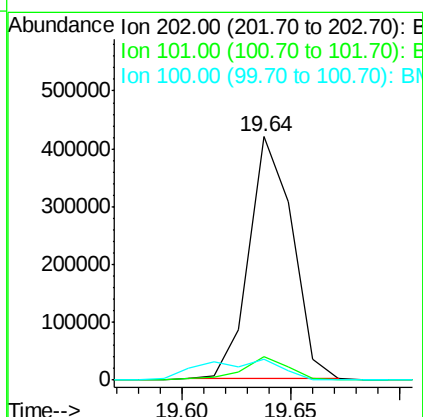
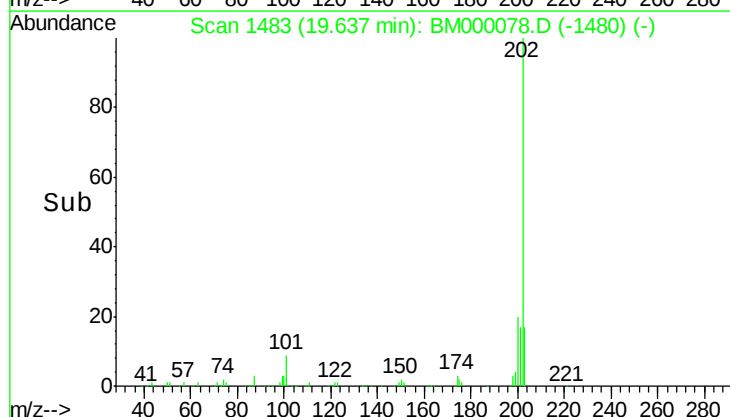
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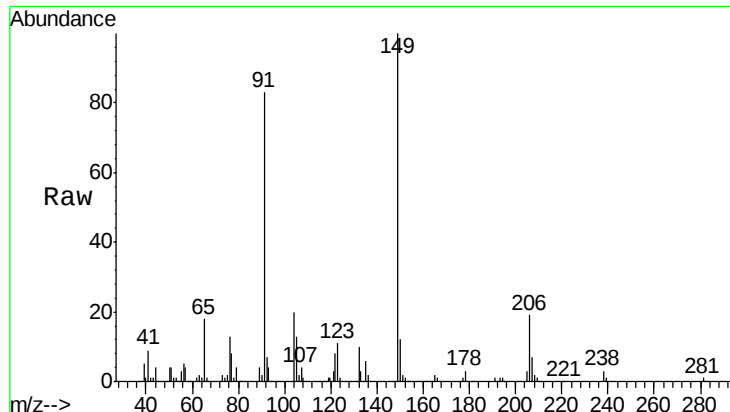
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#77
 Pyrene
 Concen: 5.36 ng/ul
 RT: 19.64 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	583392		
101	9.7	6.9	10.3	
100	8.4	5.5	8.3	





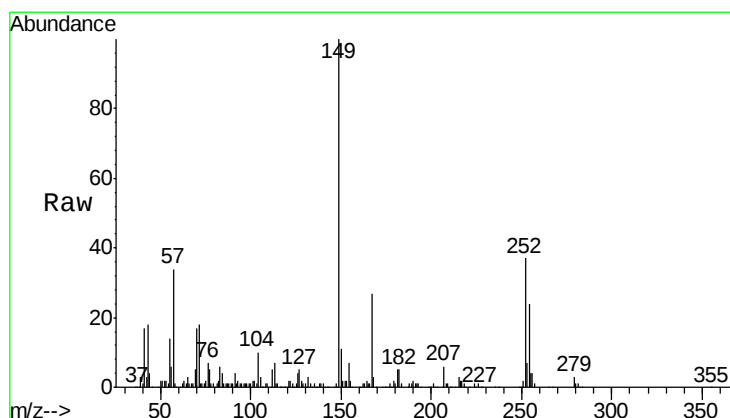
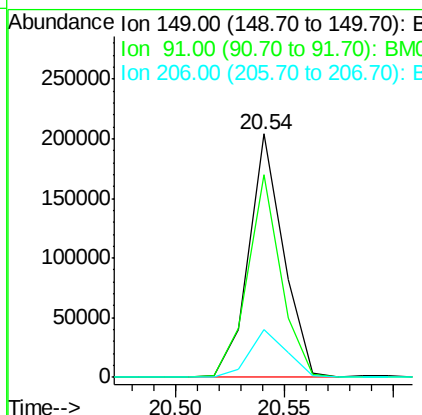
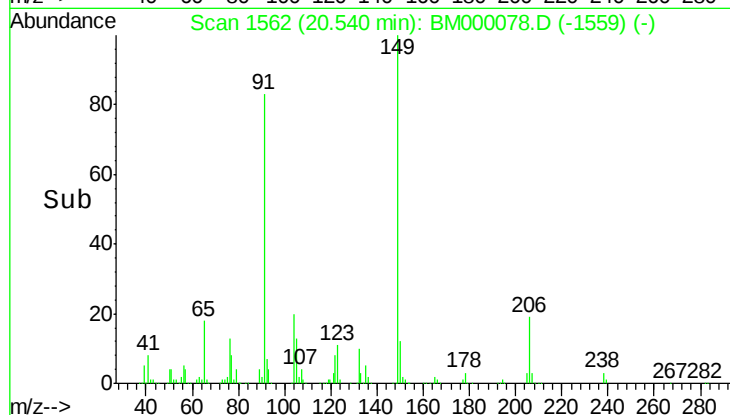
#78
Butylbenzylphthalate
Concen: 5.15 ng/ul
RT: 20.54 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Instrument :
BNA_M
ClientSampled :
MDL-05-S

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	227711		
91	83.2	56.6	84.8	
206	19.4	16.8	25.2	

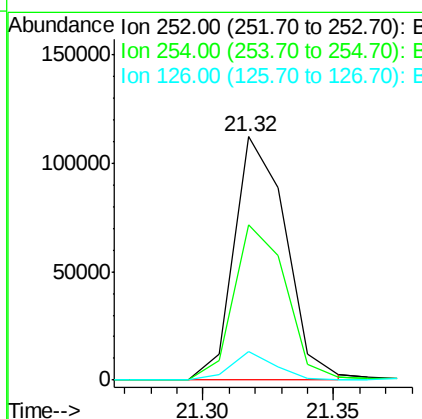
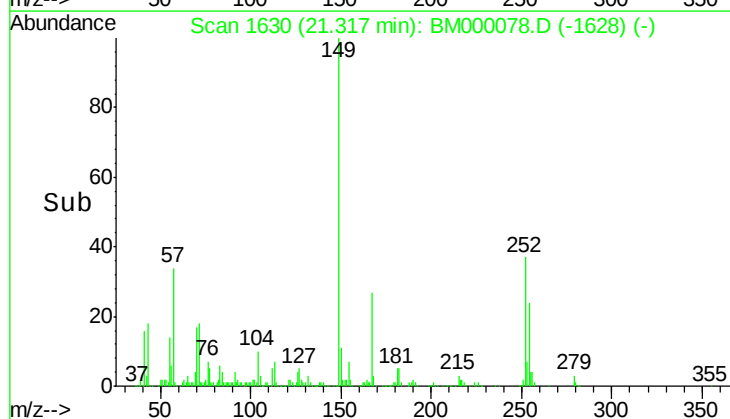
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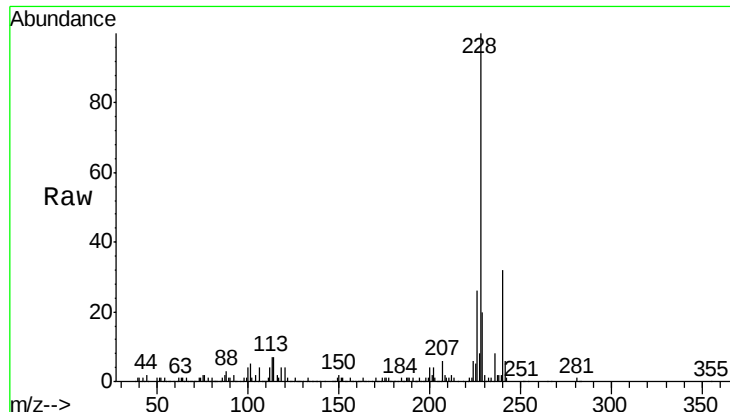
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#79
3,3'-Dichlorobenzidine
Concen: 4.74 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	156393		
254	64.0	51.2	76.8	
126	11.9	7.9	11.9	





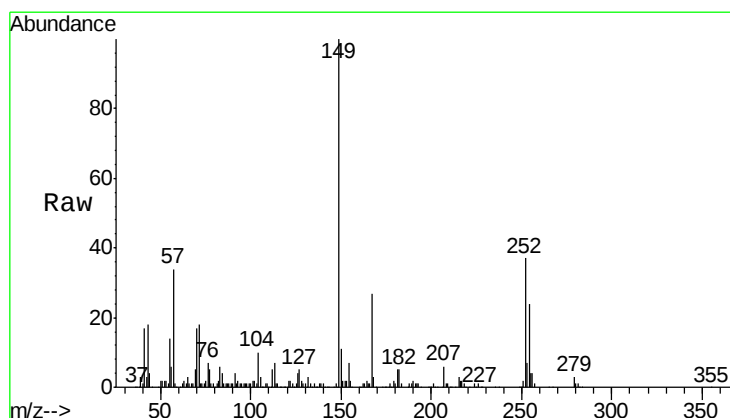
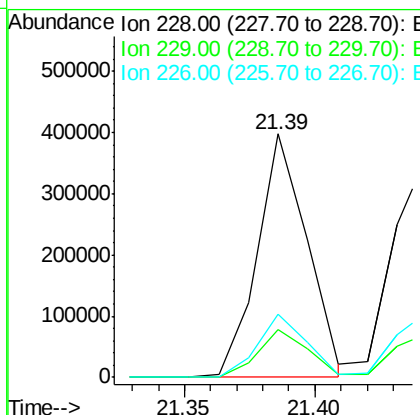
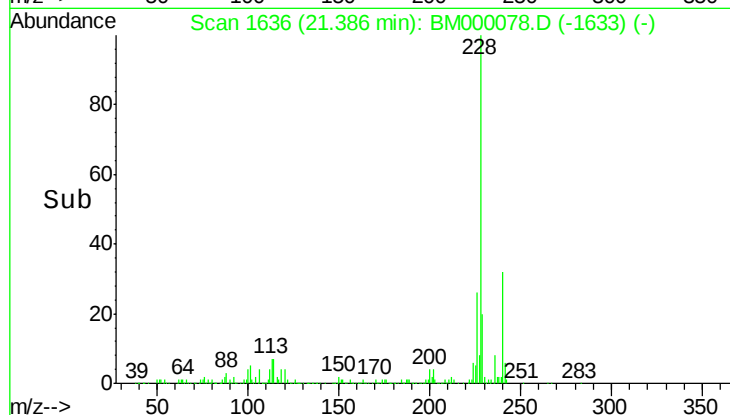
#80
 Benzo(a)anthracene
 Concen: 5.08 ng/ul
 RT: 21.39 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.8
226	25.9	20.7	31.1

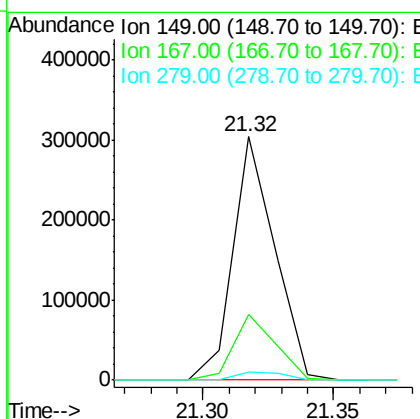
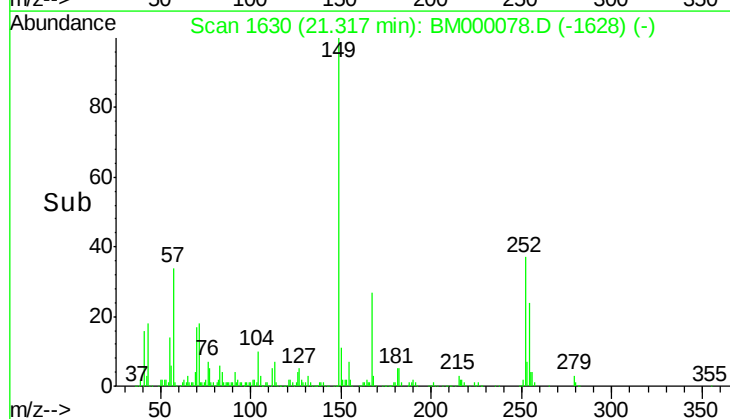
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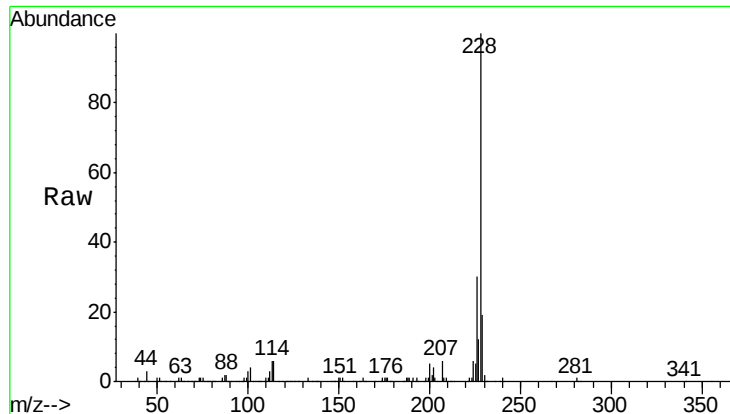
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#81
 Bis(2-ethylhexyl)phthalate
 Concen: 5.32 ng/ul
 RT: 21.32 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.1	33.1
279	3.2	3.0	4.6





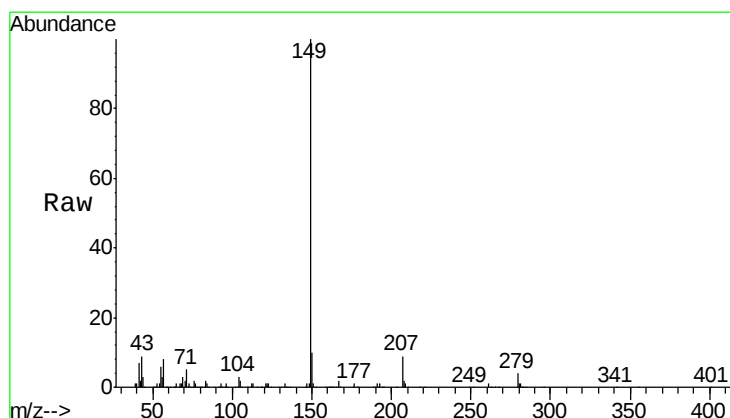
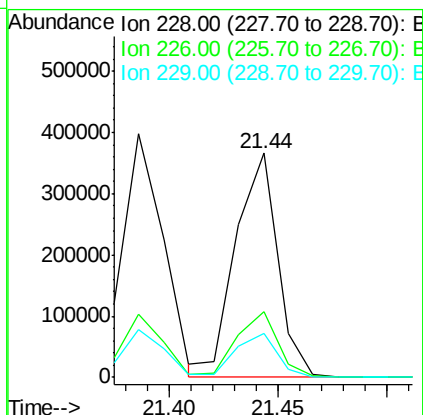
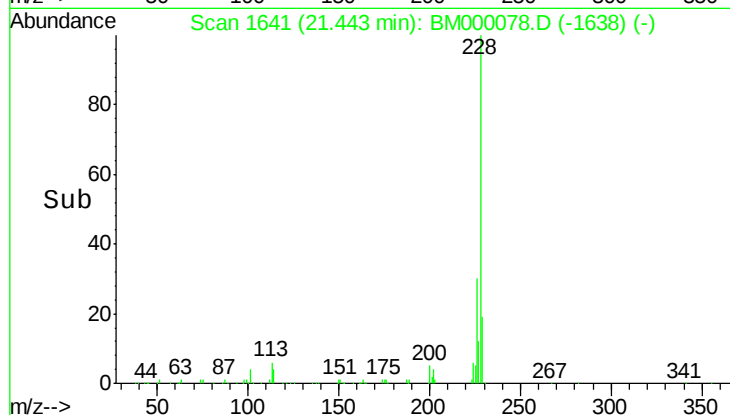
#82
 Chrysene
 Concen: 5.15 ng/ul
 RT: 21.44 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tgt Ion:228 Resp: 494322
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.0 34.4
 229 19.4 15.6 23.4

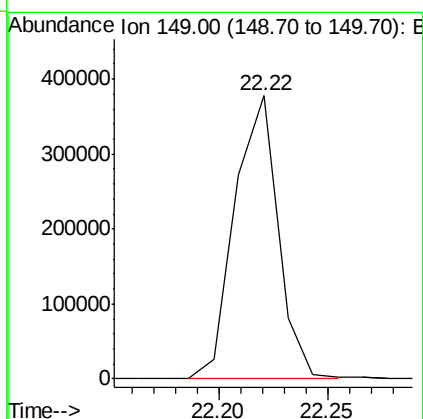
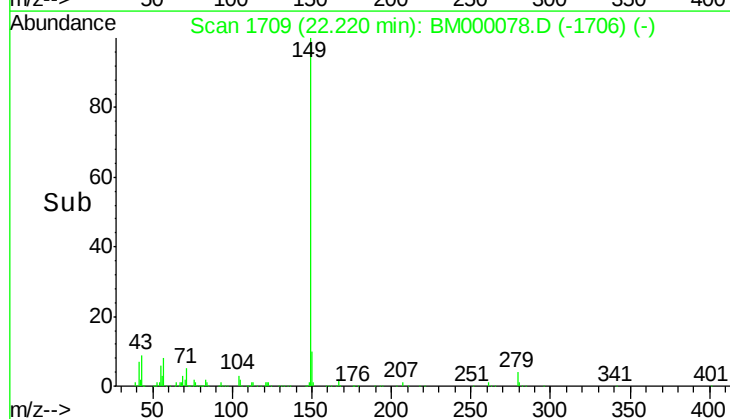
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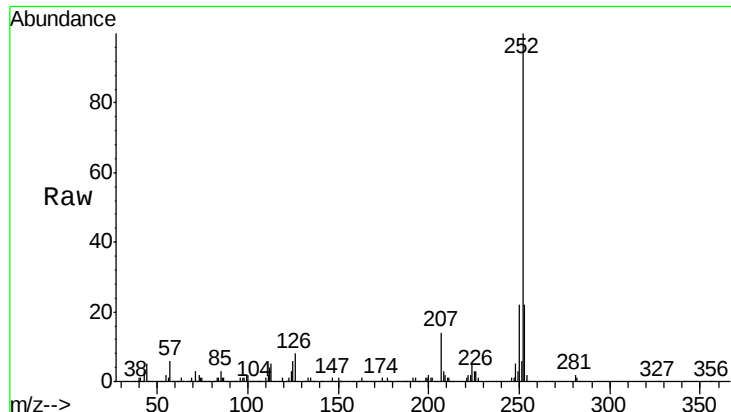
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#84
 Di-n-octyl phthalate
 Concen: 5.15 ng/ul
 RT: 22.22 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Tgt Ion:149 Resp: 523316





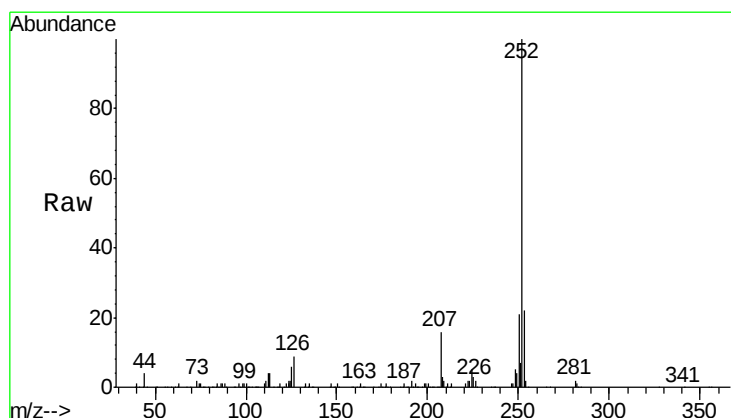
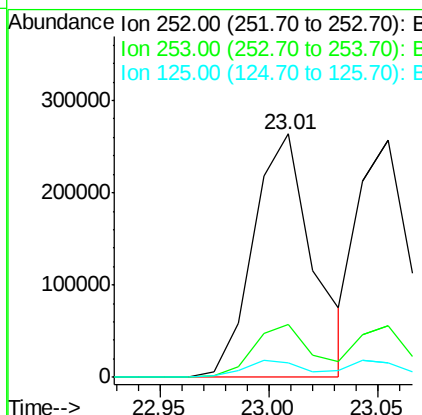
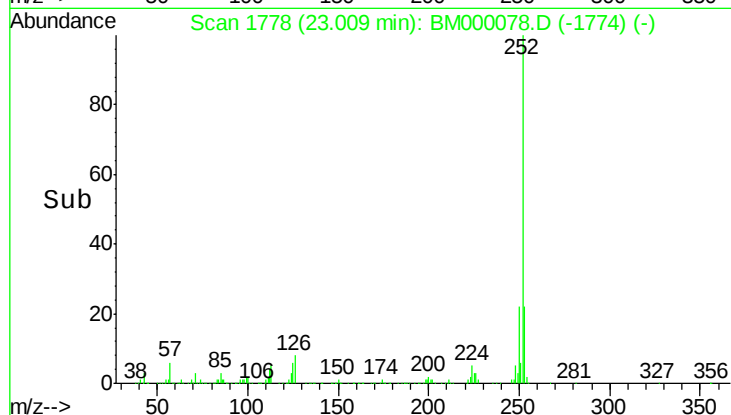
#85
Benzo(b)fluoranthene
Concen: 5.35 ng/ul
RT: 23.01 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion:252 Resp: 504563
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 5.9 4.8 7.2

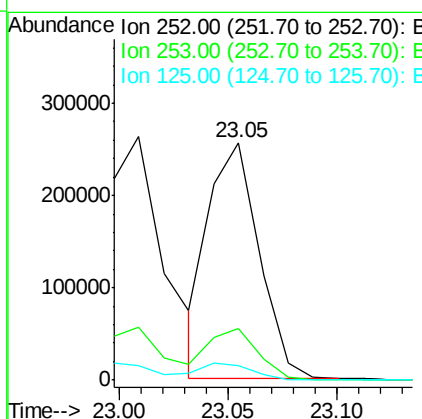
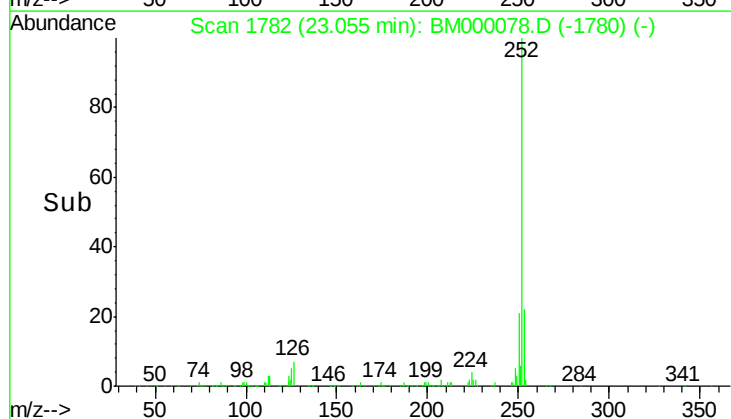
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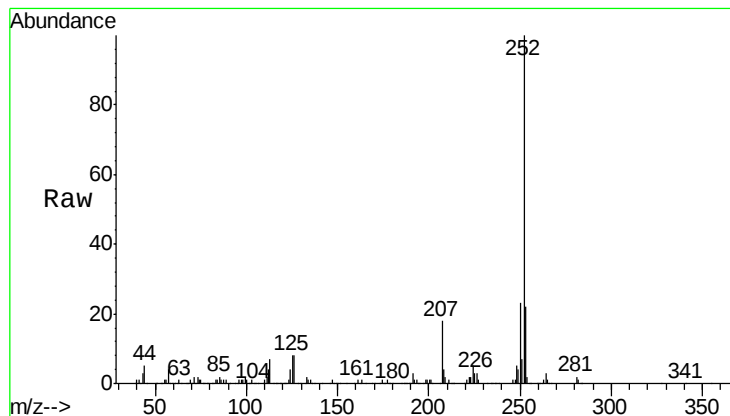
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#86
Benzo(k)fluoranthene
Concen: 5.08 ng/ul
RT: 23.05 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BM000078.D
Acq: 30 Dec 2014 03:25

Tgt Ion:252 Resp: 408848
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 6.0 4.9 7.3





#88

Benzo(a)pyrene

Concen: 5.08 ng/ul

RT: 23.60 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BM000078.D

Acq: 30 Dec 2014 03:25

Instrument :

BNA_M

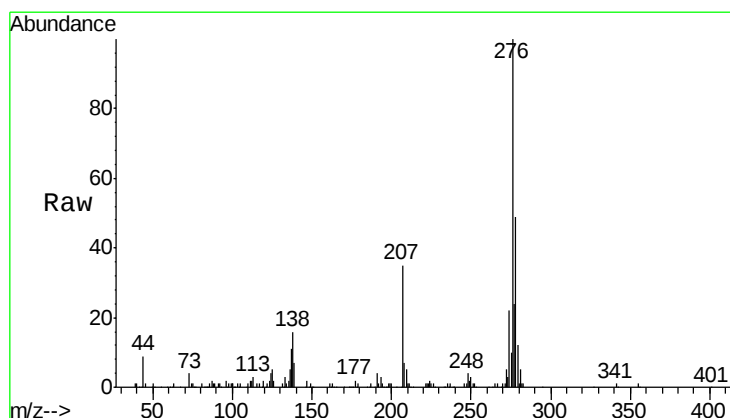
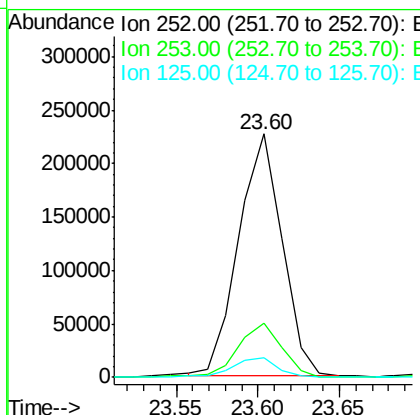
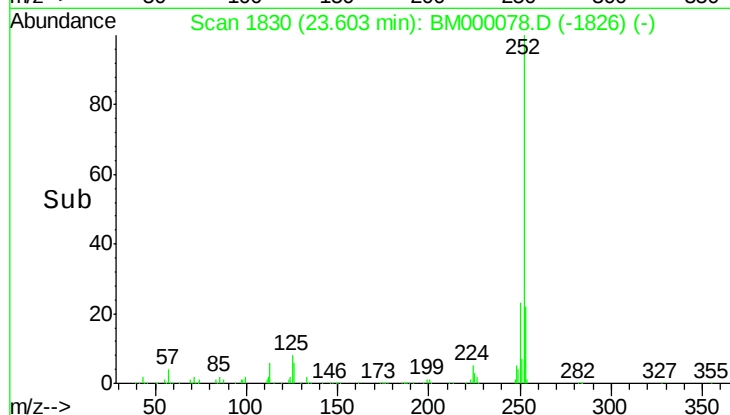
ClientSampleId :

MDL-05-S

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	8.0	5.8	8.6

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#89

Indeno(1,2,3-cd)pyrene

Concen: 4.74 ng/ul

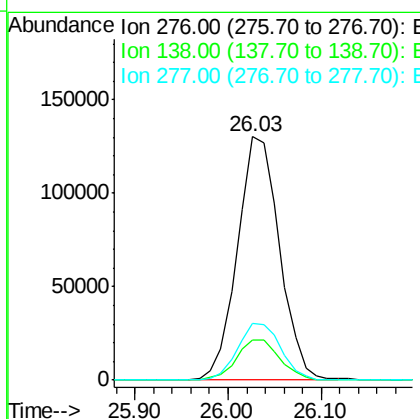
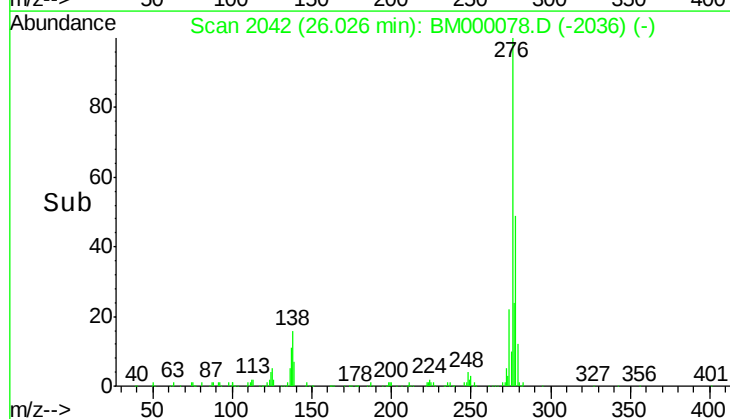
RT: 26.03 min Scan# 2042

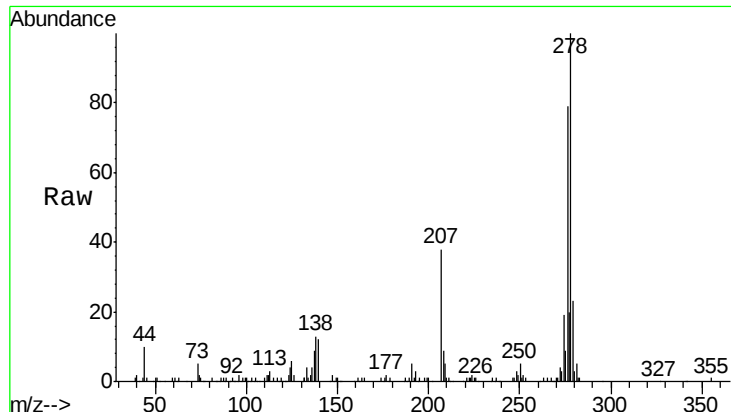
Delta R.T. -0.02 min

Lab File: BM000078.D

Acq: 30 Dec 2014 03:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	14.2	21.2
277	23.6	18.8	28.2





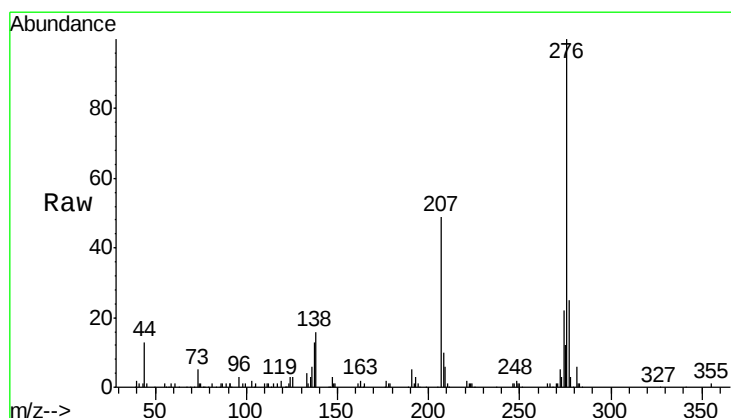
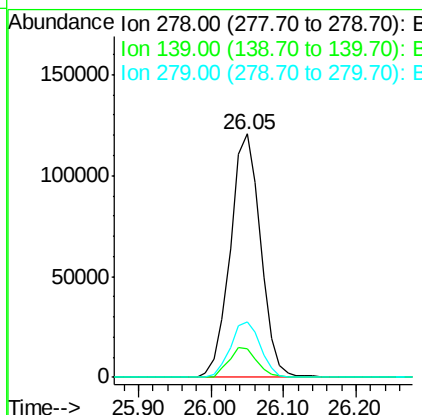
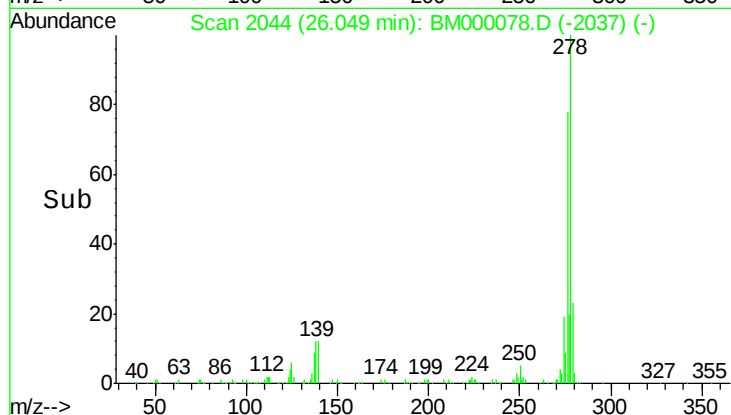
#90
 Dibenzo(a,h)anthracene
 Concen: 4.83 ng/ul
 RT: 26.05 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S

Tgt Ion:278 Resp: 351286
 Ion Ratio Lower Upper
 278 100
 139 11.9 10.2 15.2
 279 22.9 19.2 28.8

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 4.68 ng/ul
 RT: 26.75 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM000078.D
 Acq: 30 Dec 2014 03:25

Tgt Ion:276 Resp: 332314
 Ion Ratio Lower Upper
 276 100
 138 16.0 12.1 18.1
 277 25.4 19.0 28.4

