

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
 Data File : BM000077.D
 Acq On : 30 Dec 2014 02:50
 Operator : TP
 Sample : MDL-04-S
 Misc : MDL-SOIL-8PPM
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S

Manual Integrations
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 1/7/2015 9:21:46 AM

Quant Time: Dec 31 07:20:48 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	244637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1042495	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	745077	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1500472	20.00	ng/ul	-0.01
75) Chrysene-d12	21.41	240	1420973	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1106929	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	25225	5.98	ng/uL	-0.01
5) Phenol-d5	7.01	99	751542	35.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	443697	34.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	530638	35.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	583158	34.83	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	267129	37.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	289789	39.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	569646	34.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	707284	38.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1906720	34.70	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2252923	34.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	290008	32.67	ng/ul	0.00
57) Fluorene-d10	15.47	176	1602119	33.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	135493	18.21	ng/ul	0.00
70) Anthracene-d10	17.32	188	2432383	35.06	ng/ul	0.00
76) Pyrene-d10	19.61	212	2515648	38.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1854118	37.12	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.36	88	33055	5.65 ng/uL	90
4) Benzaldehyde	6.98	77	94260	7.14 ng/ul	98
6) Phenol	7.03	94	140346	6.36 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.27	93	106561	6.32 ng/ul	98
10) 2-Chlorophenol	7.41	128	101661	6.44 ng/ul	99
11) 2-Methylphenol	8.28	108	107541	6.32 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.38	45	176805	6.51 ng/ul	100
14) Acetophenone	8.66	105	174357	6.10 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.65	70	95955	6.41 ng/ul	98
16) 4-Methylphenol	8.61	108	115377	6.27 ng/ul	99
17) Hexachloroethane	8.92	117	44388	6.15 ng/ul#	78
20) Nitrobenzene	9.04	77	144617	6.73 ng/ul	98
21) Isophorone	9.57	82	254779	6.15 ng/ul	97
23) 2-Nitrophenol	9.75	139	55908	6.88 ng/ul	96
24) 2,4-Dimethylphenol	9.81	107	144056	6.53 ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	143767	6.23 ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	106598	6.57 ng/ul	93
28) Naphthalene	10.69	128	338420	6.37 ng/ul	99
30) 4-Chloroaniline	10.79	127	116449	6.10 ng/ul	96
31) Hexachlorobutadiene	10.97	225	75811	6.59 ng/ul	95
32) Caprolactam	11.59	113	32283m	5.97 ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	126177	6.34 ng/ul	98
34) 2-Methylnaphthalene	12.30	142	251984	6.39 ng/ul	99

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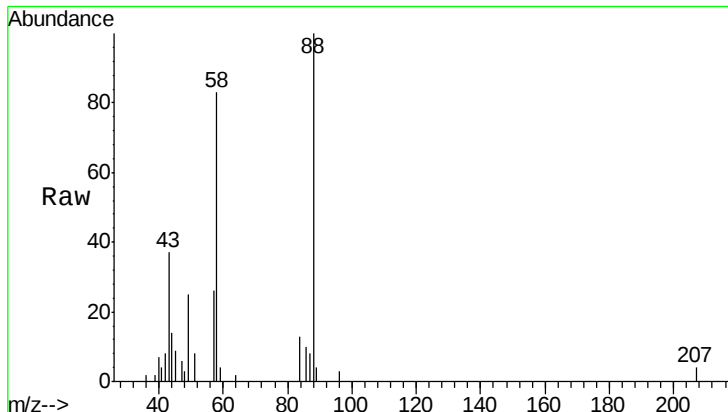
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	133840	6.48	ng/ul	97
37) Hexachlorocyclopentadiene	12.65	237	73073	5.35	ng/ul	99
38) 2,4,6-Trichlorophenol	12.90	196	81222	6.16	ng/ul	92
39) 2,4,5-Trichlorophenol	12.97	196	85440	5.97	ng/ul	96
40) 1,1'-Biphenyl	13.30	154	337731	6.29	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	267515	6.50	ng/ul	98
42) 2-Nitroaniline	13.56	65	80649	6.05	ng/ul	94
44) Dimethylphthalate	13.93	163	353177	6.45	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	61408	6.27	ng/ul	87
47) Acenaphthylene	14.20	152	425554	6.13	ng/ul	99
48) 3-Nitroaniline	14.38	138	60261	6.01	ng/ul	92
49) Acenaphthene	14.54	153	276495	6.25	ng/ul	100
50) 2,4-Dinitrophenol	14.59	184	10995	2.21	ng/ul#	81
52) 4-Nitrophenol	14.68	109	75297	6.38	ng/ul	95
53) Dibenzofuran	14.87	168	405695	6.33	ng/ul	97
54) 2,4-Dinitrotoluene	14.84	165	89029	6.09	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.10	232	76998	6.24	ng/ul#	95
56) Diethylphthalate	15.29	149	367483	6.39	ng/ul	98
58) Fluorene	15.52	166	334540	6.29	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	163700	6.24	ng/ul	96
60) 4-Nitroaniline	15.53	138	70489	6.22	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.59	198	25724	3.38	ng/ul#	78
64) N-Nitrosodiphenylamine	15.73	169	285059	6.55	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	100192	6.55	ng/ul	92
66) Hexachlorobenzene	16.53	284	116343	6.60	ng/ul	95
67) Atrazine	16.68	200	108448	6.32	ng/ul	96
68) Pentachlorophenol	16.87	266	55464m	5.17	ng/ul	
69) Phenanthrene	17.26	178	540025m	6.65	ng/ul	
71) Anthracene	17.35	178	530495	6.35	ng/ul	100
72) Carbazole	17.61	167	480395	6.39	ng/ul	97
73) Di-n-butylphthalate	18.19	149	596139	6.64	ng/ul	98
74) Fluoranthene	19.27	202	610496	6.56	ng/ul#	96
77) Pyrene	19.64	202	619611	7.23	ng/ul#	95
78) Butylbenzylphthalate	20.54	149	230666	6.63	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.32	252	153940	5.93	ng/ul#	97
80) Benzo(a)anthracene	21.39	228	535171	6.52	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	325597	6.43	ng/ul	97
82) Chrysene	21.44	228	502070	6.64	ng/ul	100
84) Di-n-octyl phthalate	22.22	149	488675	6.42	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	485873	6.88	ng/ul	98
86) Benzo(k)fluoranthene	23.05	252	399453	6.62	ng/ul	98
88) Benzo(a)pyrene	23.60	252	409974	6.61	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.04	276	420029	6.49	ng/ul	98
90) Dibenzo(a,h)anthracene	26.05	278	360697	6.62	ng/ul	97
91) Benzo(g,h,i)perylene	26.75	276	353121	6.64	ng/ul	97

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



#2

1,4-Dioxane

Concen: 5.65 ng/uL

RT: 3.36 min Scan# 59

Delta R.T. -0.00 min

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Instrument :

BNA_M

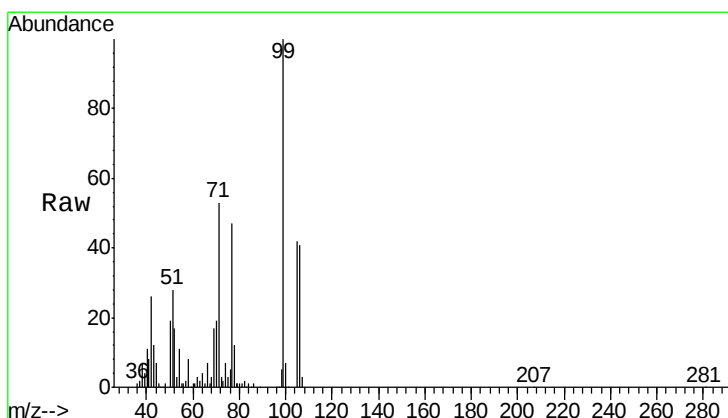
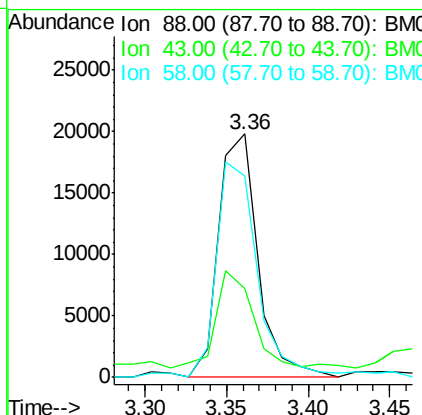
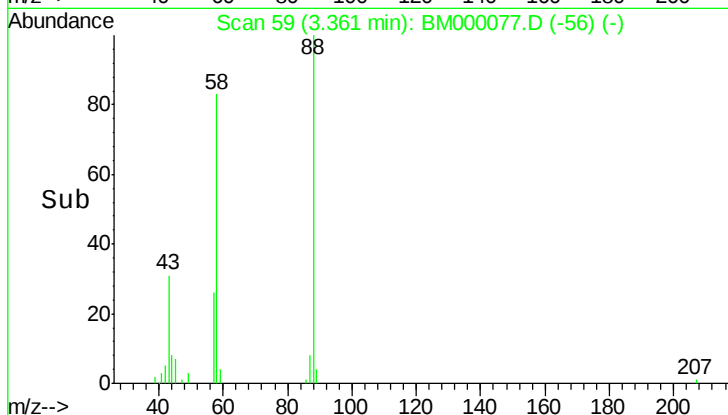
ClientSampleId :

MDL-04-S

Tgt Ion:	88	Resp:	33055
Ion	Ratio	Lower	Upper
88	100		
43	35.5	34.9	52.3
58	92.0	67.3	100.9

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#4

Benzaldehyde

Concen: 7.14 ng/uL

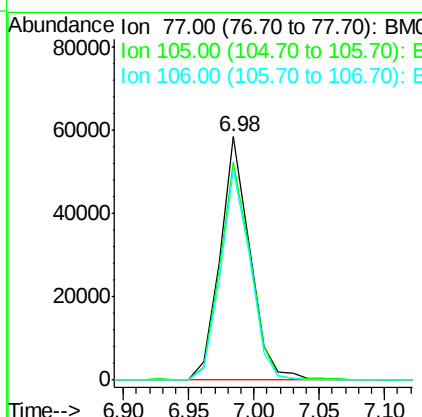
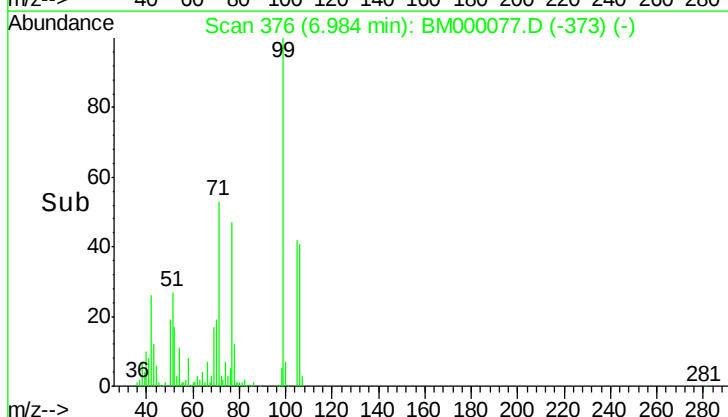
RT: 6.98 min Scan# 376

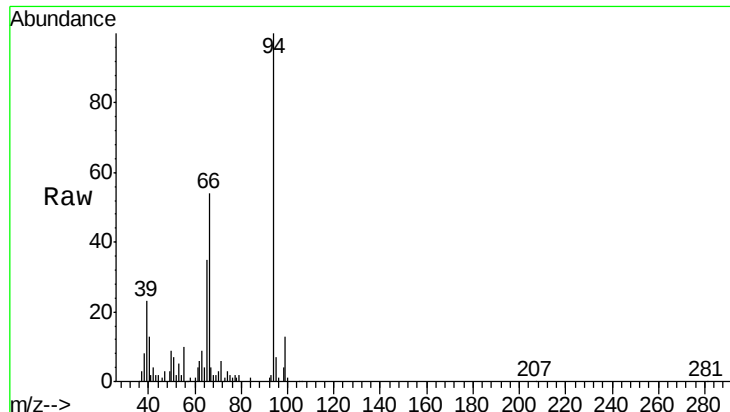
Delta R.T. -0.00 min

Lab File: BM000077.D

Acq: 30 Dec 2014 02:50

Tgt Ion:	77	Resp:	94260
Ion	Ratio	Lower	Upper
77	100		
105	89.5	73.5	110.3
106	86.3	67.9	101.9





#6

Phenol

Concen: 6.36 ng/ul

RT: 7.03 min Scan# 380

Delta R.T. -0.00 min

Lab File: BM000077.D

Acq: 30 Dec 2014 02:50

Instrument :

BNA_M

ClientSampleId :

MDL-04-S

Tgt Ion: 94 Resp: 140346

Ion Ratio Lower Upper

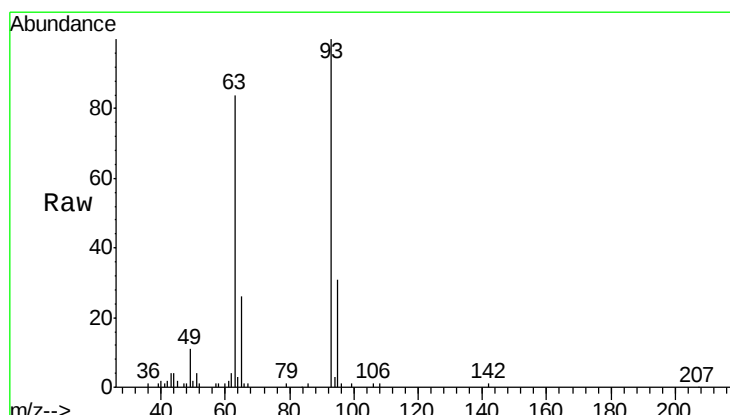
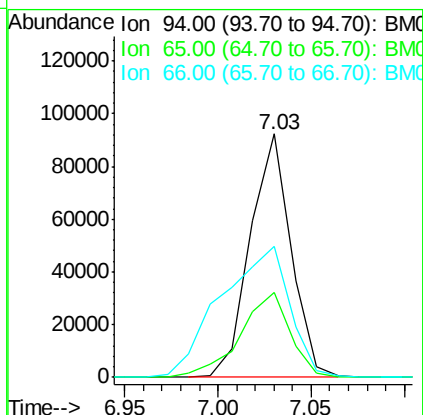
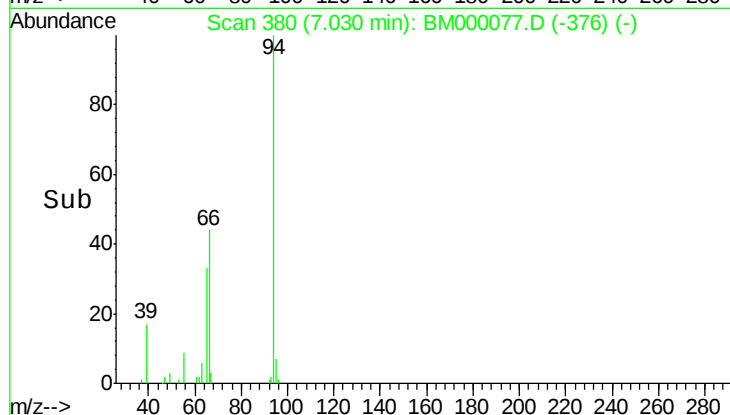
94 100

65 35.0 27.4 41.0

66 53.8 42.5 63.7

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#8

Bis(2-Chloroethyl)ether

Concen: 6.32 ng/ul

RT: 7.27 min Scan# 401

Delta R.T. -0.00 min

Lab File: BM000077.D

Acq: 30 Dec 2014 02:50

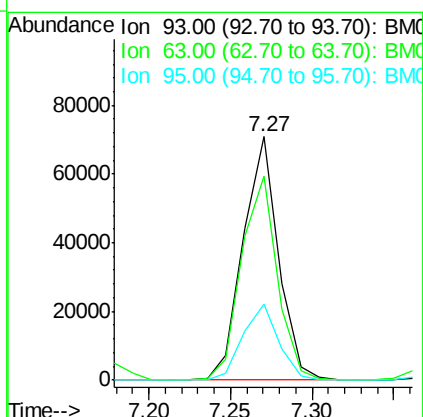
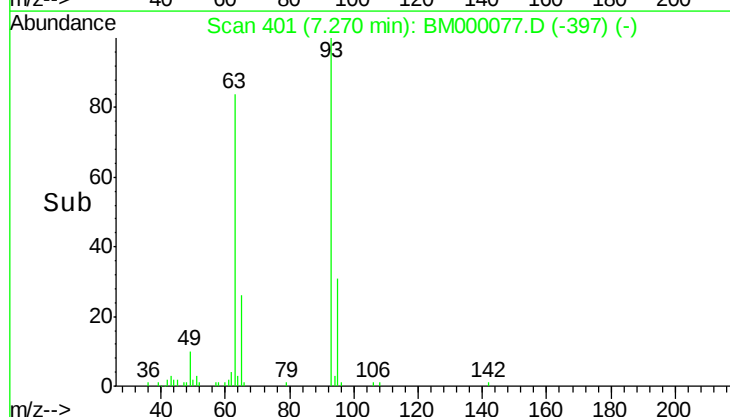
Tgt Ion: 93 Resp: 106561

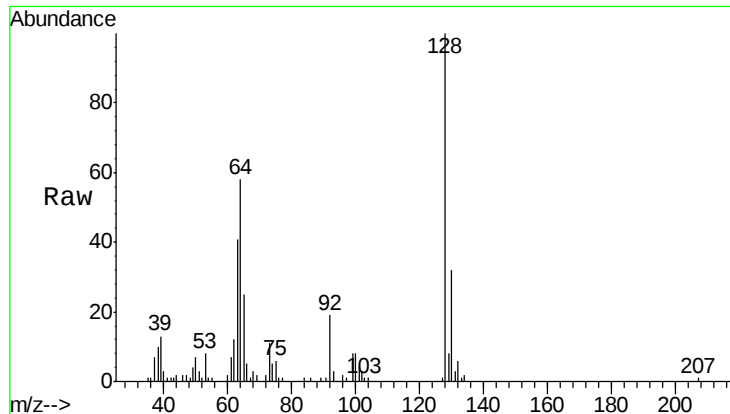
Ion Ratio Lower Upper

93 100

63 83.5 68.9 103.3

95 31.0 24.6 37.0





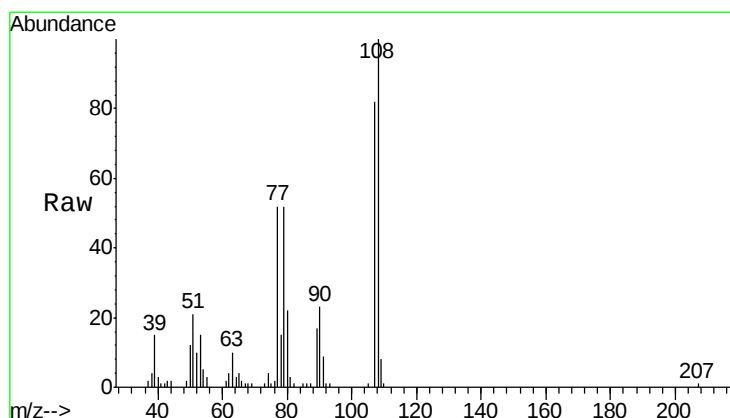
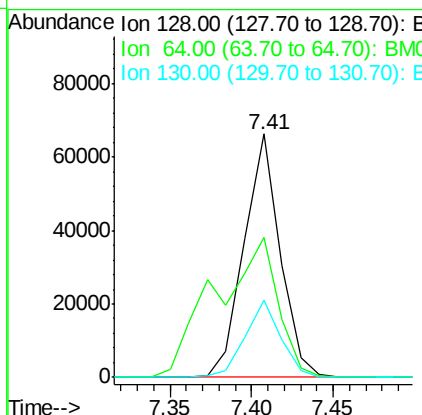
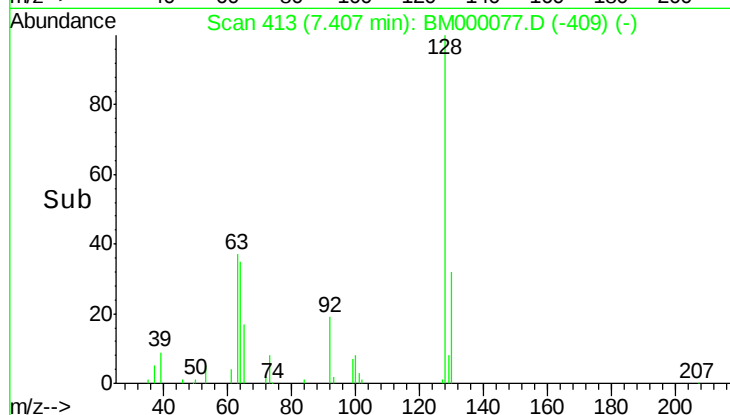
#10
2-Chlorophenol
Concen: 6.44 ng/ul
RT: 7.41 min Scan# 413
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion	Ratio	Lower	Upper
128	100		
64	57.7	47.2	70.8
130	31.6	25.2	37.8

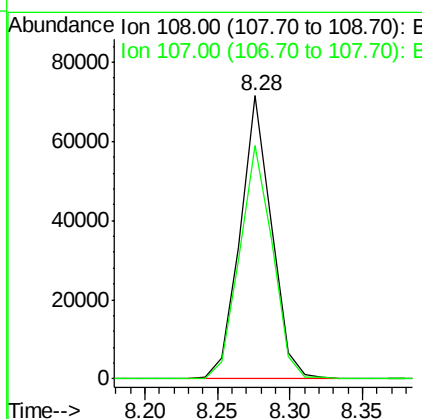
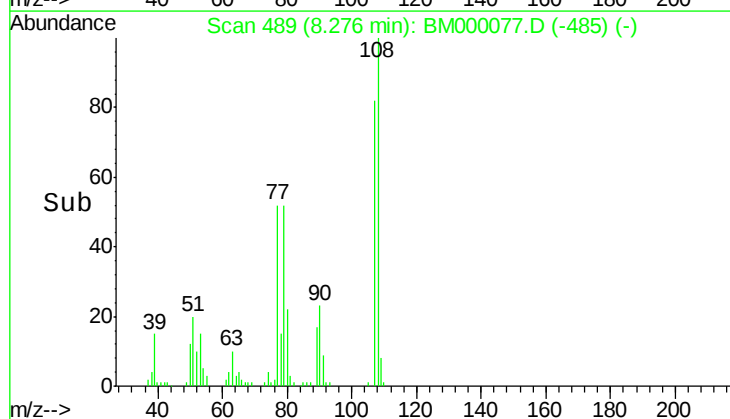
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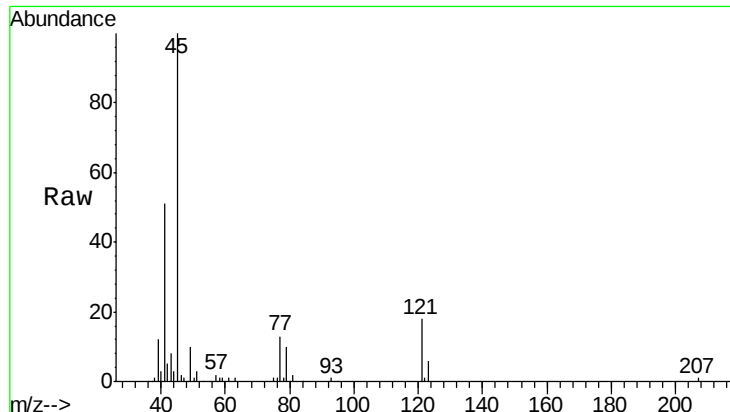
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#11
2-Methylphenol
Concen: 6.32 ng/ul
RT: 8.28 min Scan# 489
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Tgt Ion	Ratio	Lower	Upper
108	100		
107	82.4	70.7	106.1





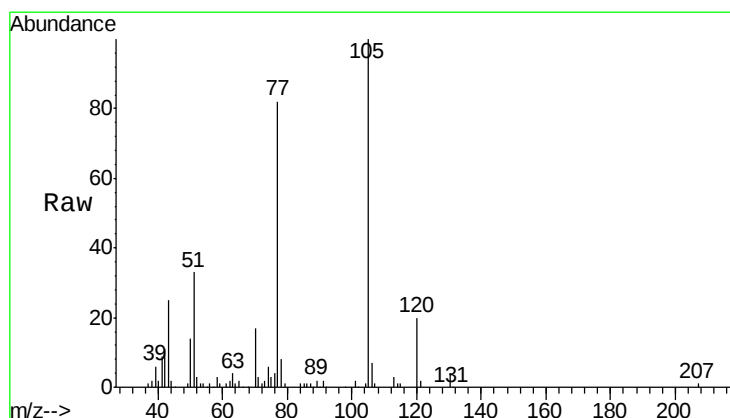
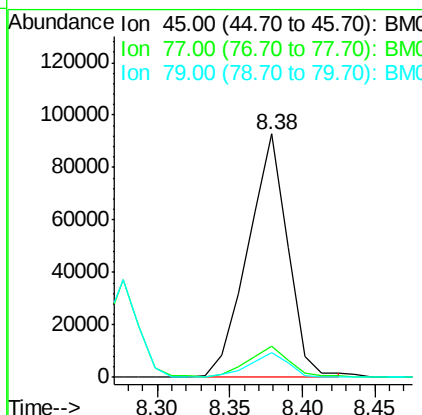
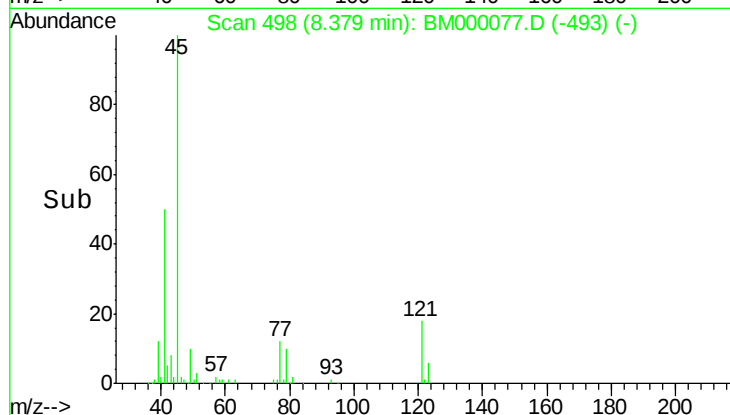
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 6.51 ng/ul
 RT: 8.38 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Instrument :
 BNA_M
 ClientSampled :
 MDL-04-S

Tgt Ion:	45	Resp:	176805
Ion Ratio	Lower	Upper	
45	100		
77	12.6	9.9	14.9
79	10.2	8.3	12.5

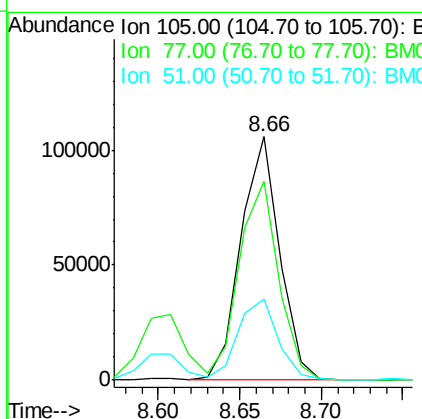
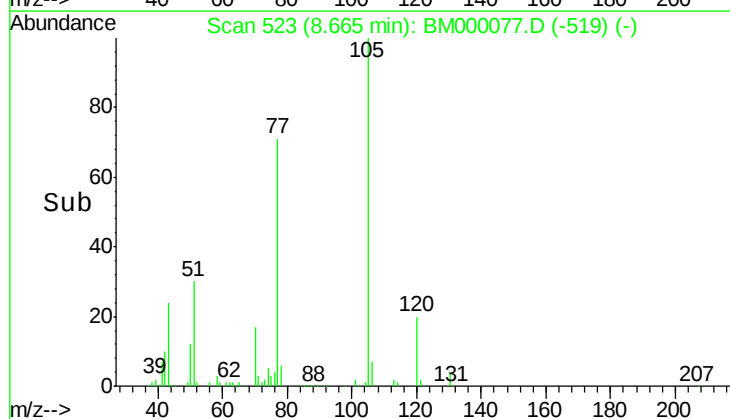
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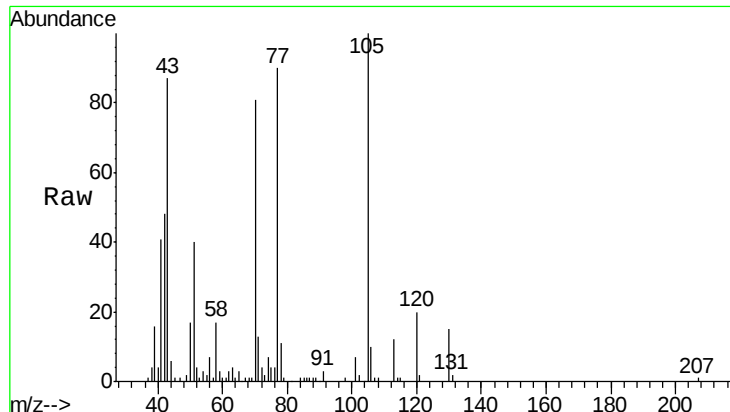
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#14
 Acetophenone
 Concen: 6.10 ng/ul
 RT: 8.66 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Tgt Ion:	105	Resp:	174357
Ion Ratio	Lower	Upper	
105	100		
77	81.8	66.3	99.5
51	33.4	26.5	39.7





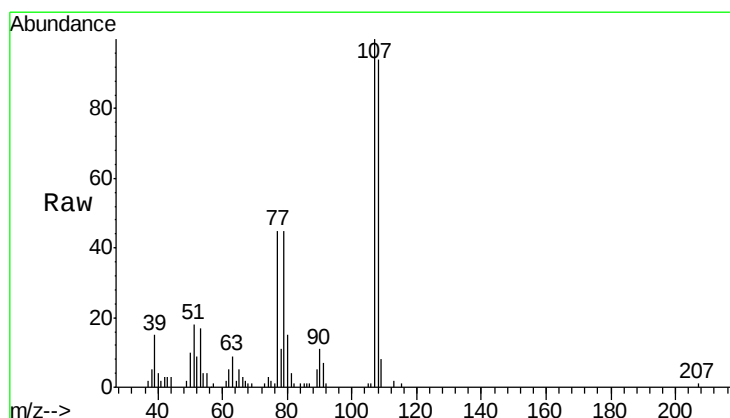
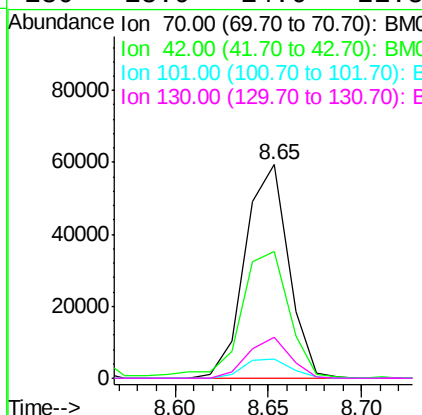
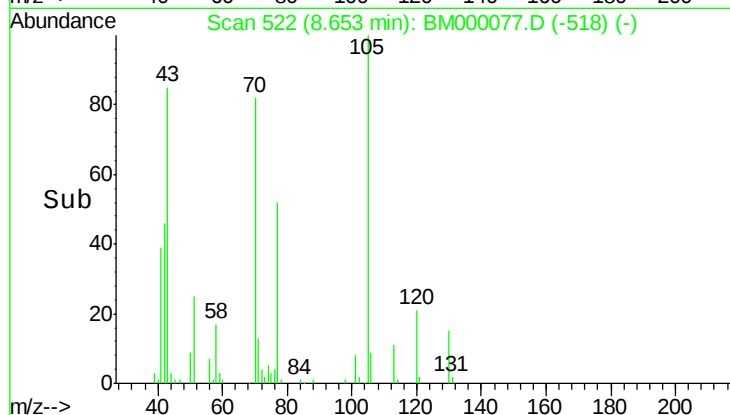
#15
N-Nitroso-di-n-propylamine
Concen: 6.41 ng/ul
RT: 8.65 min Scan# 522
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Instrument :
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Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.5	46.4	69.6
101	9.3	7.8	11.8
130	18.9	14.6	21.8

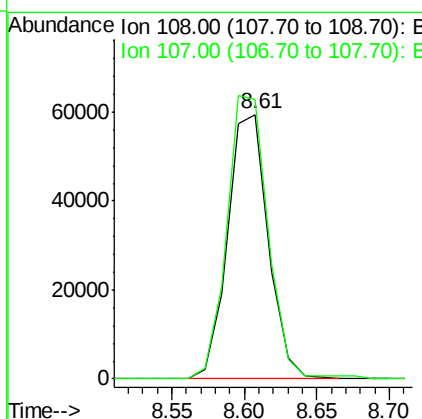
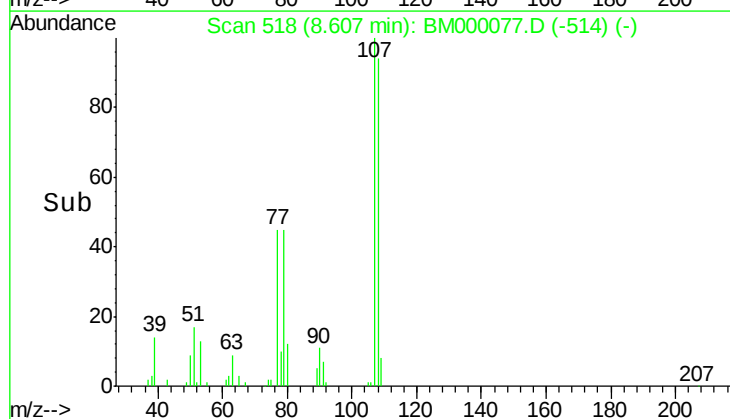
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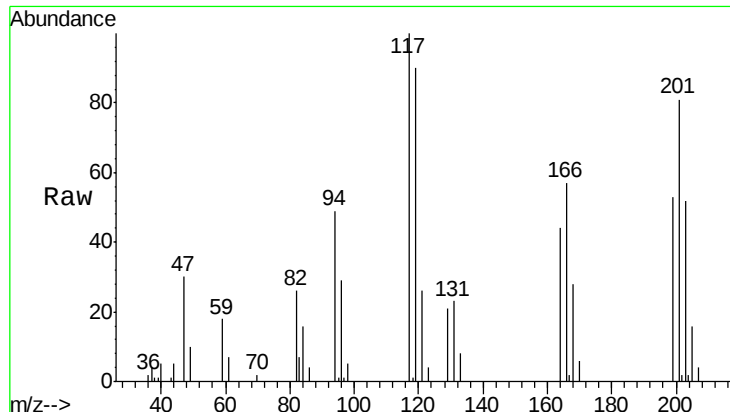
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#16
4-Methylphenol
Concen: 6.27 ng/ul
RT: 8.61 min Scan# 518
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Tgt Ion	Ratio	Lower	Upper
108	100		
107	105.9	84.0	126.0





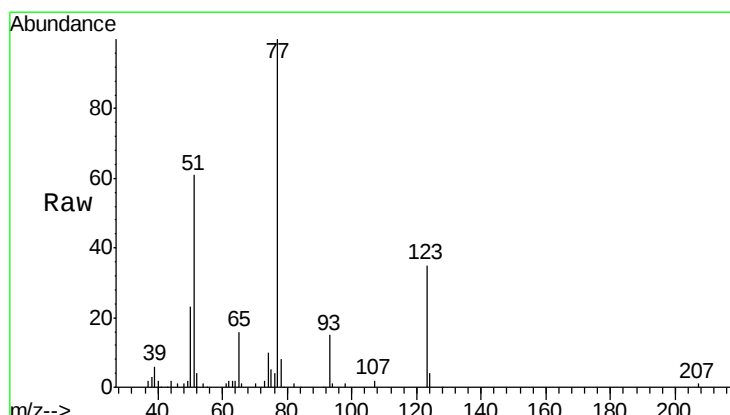
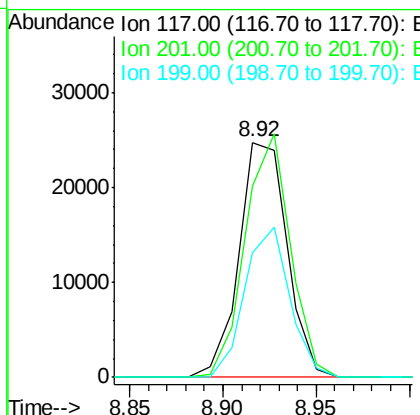
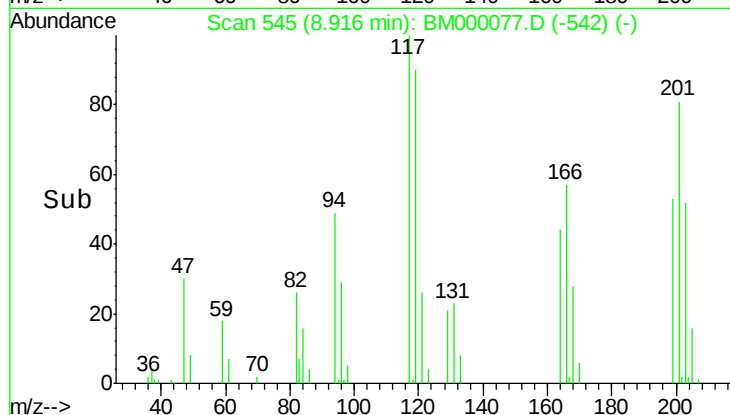
#17
Hexachloroethane
Concen: 6.15 ng/ul
RT: 8.92 min Scan# 545
Delta R.T. -0.01 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:117 Resp: 44388
Ion Ratio Lower Upper
117 100
201 81.3 85.2 127.8#
199 52.9 55.1 82.7#

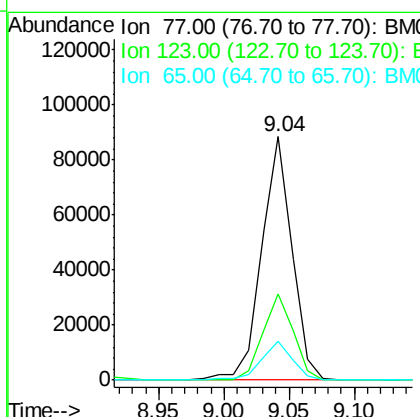
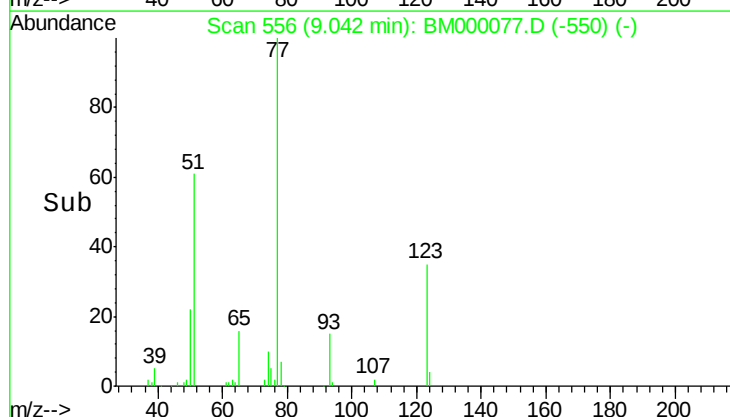
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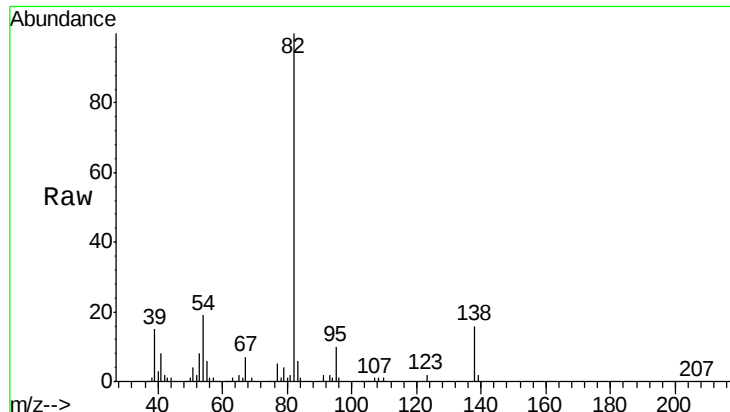
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#20
Nitrobenzene
Concen: 6.73 ng/ul
RT: 9.04 min Scan# 556
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Tgt Ion: 77 Resp: 144617
Ion Ratio Lower Upper
77 100
123 35.4 29.2 43.8
65 16.0 12.4 18.6





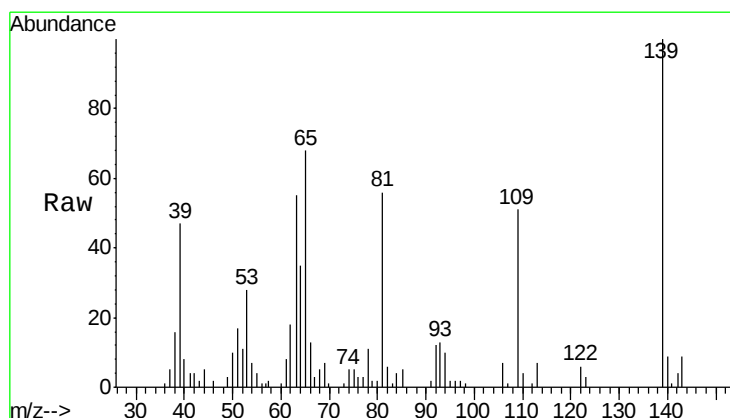
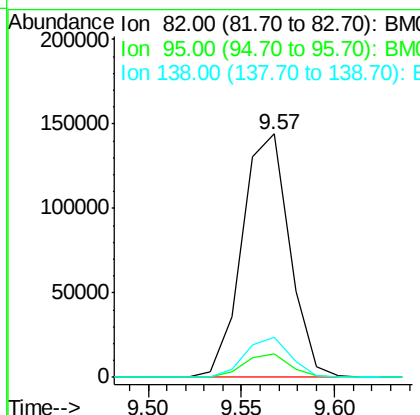
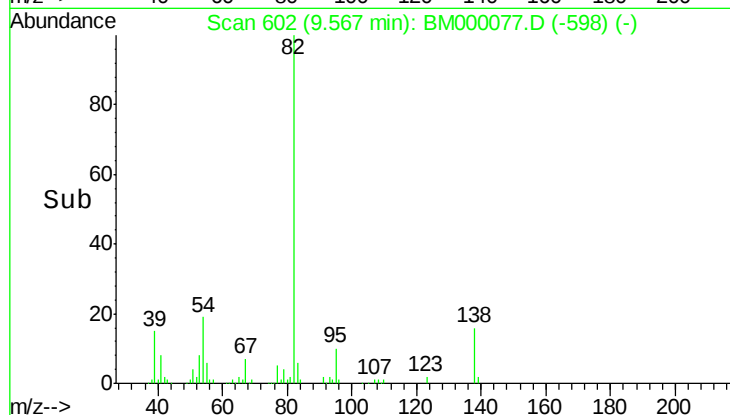
#21
Isophorone
Concen: 6.15 ng/ul
RT: 9.57 min Scan# 602
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	254779		
95	9.7	6.9	10.3	
138	16.3	12.1	18.1	

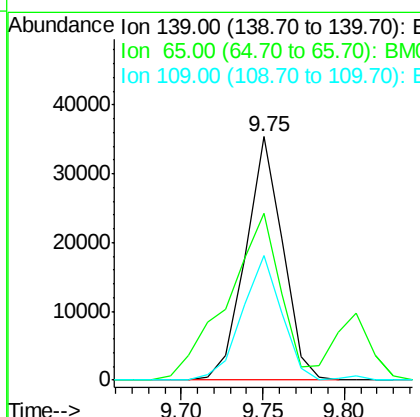
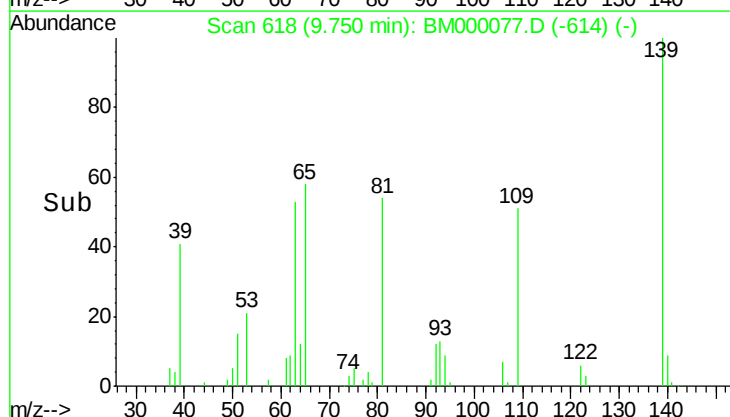
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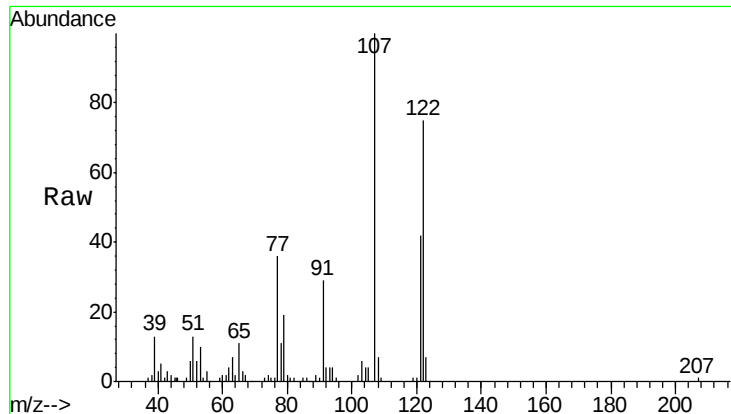
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#23
2-Nitrophenol
Concen: 6.88 ng/ul
RT: 9.75 min Scan# 618
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	55908		
65	68.3	56.3	84.5	
109	51.0	37.1	55.7	





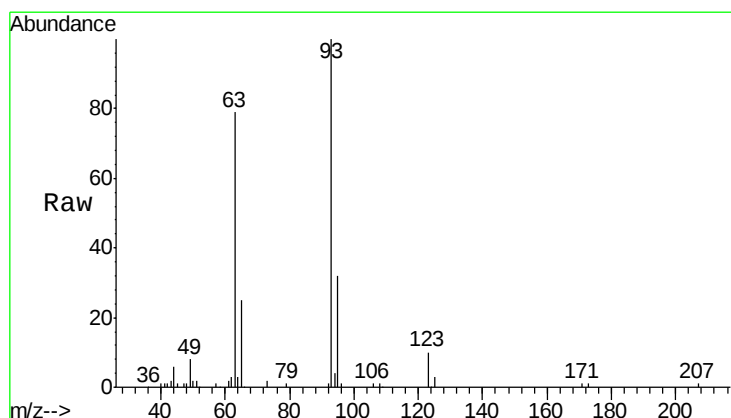
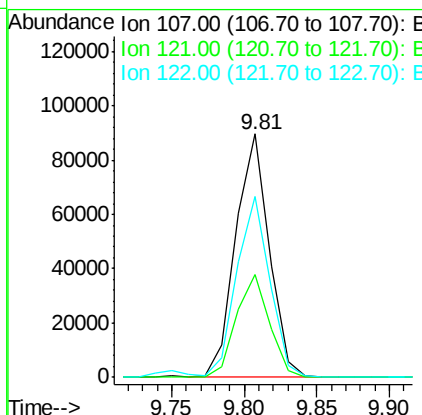
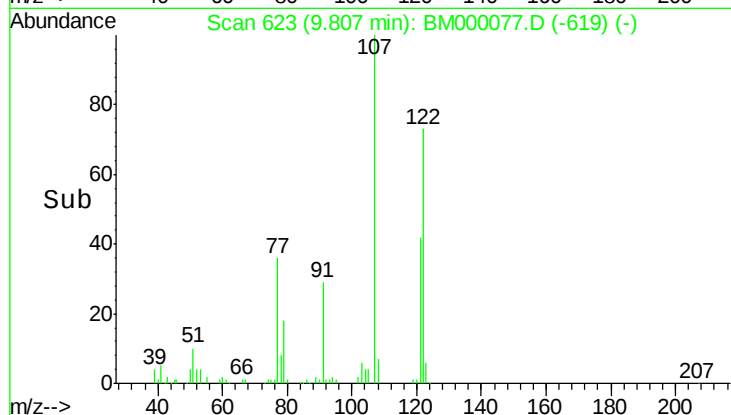
#24
 2,4-Dimethylphenol
 Concen: 6.53 ng/ul
 RT: 9.81 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	144056		
121	42.2	33.0	49.6	
122	74.5	59.3	88.9	

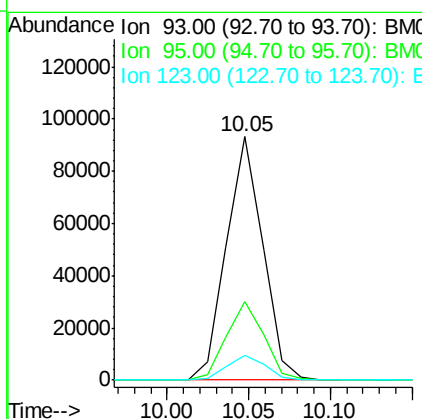
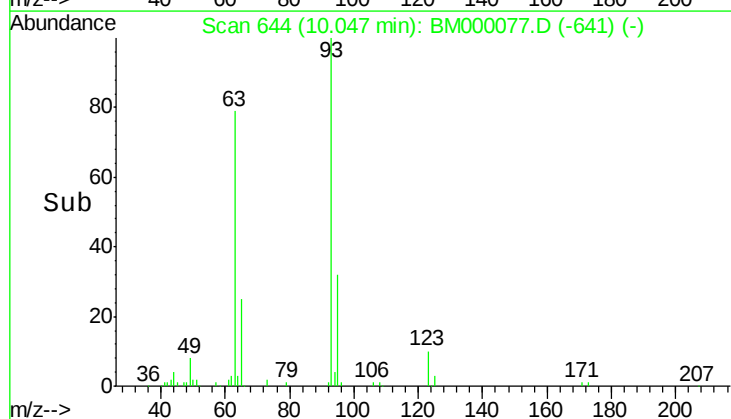
Manual Integrations
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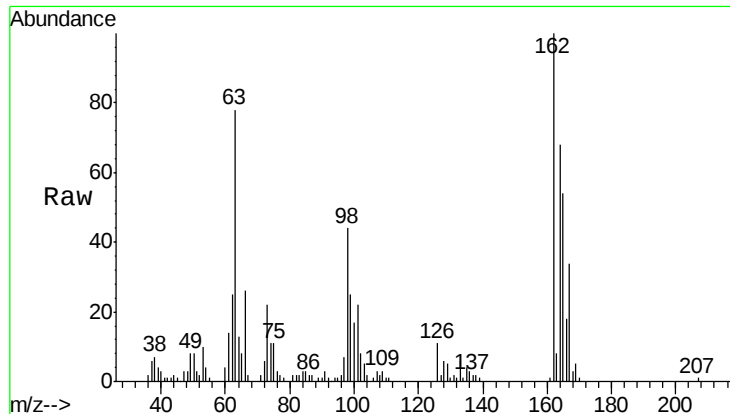
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 6.23 ng/ul
 RT: 10.05 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	143767		
95	32.2	26.1	39.1	
123	10.0	7.4	11.2	





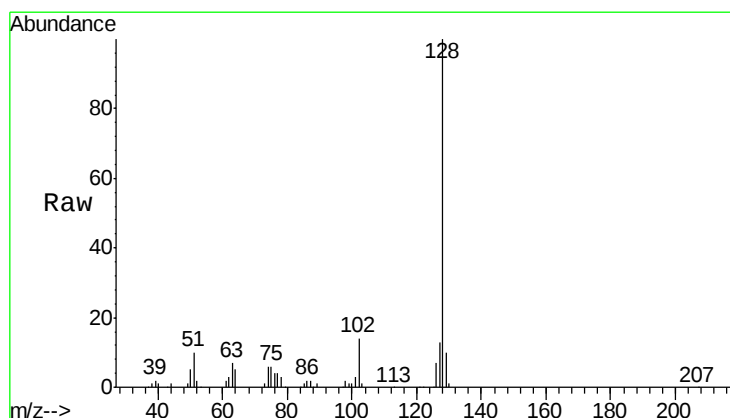
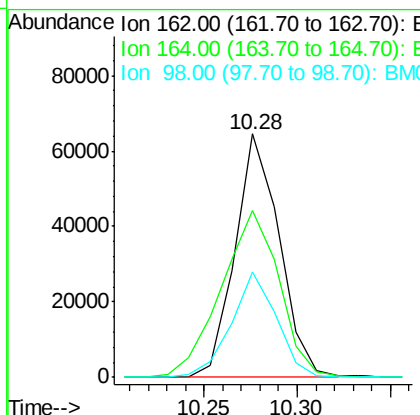
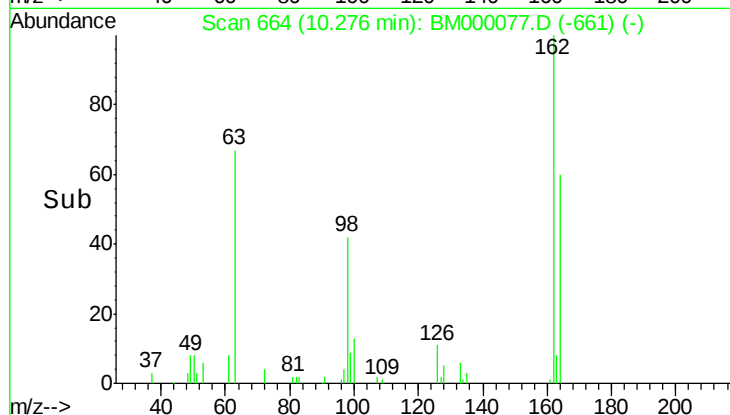
#27
 2,4-Dichlorophenol
 Concen: 6.57 ng/ul
 RT: 10.28 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	106598		
164	68.3	50.2	75.4	
98	43.5	31.4	47.2	

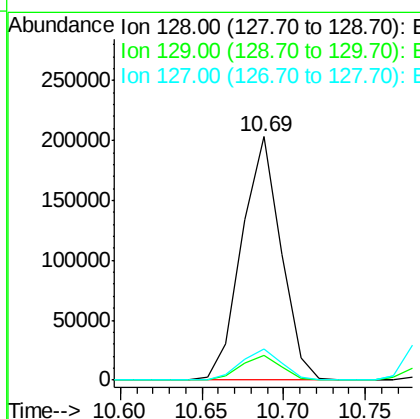
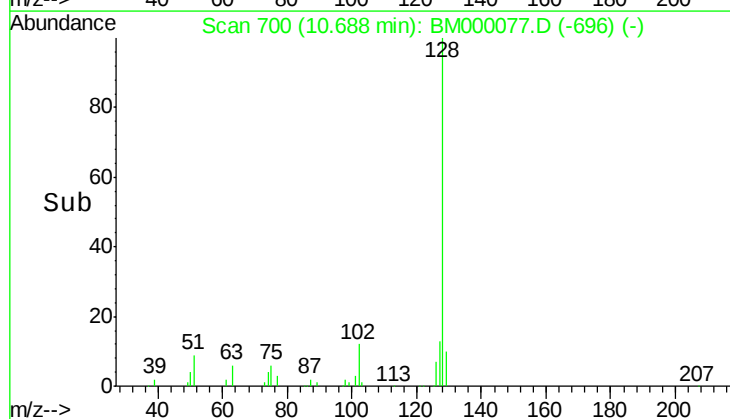
Manual Integrations
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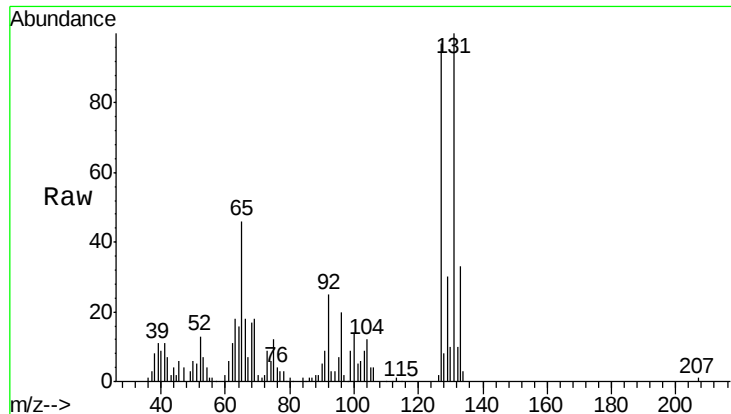
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#28
 Naphthalene
 Concen: 6.37 ng/ul
 RT: 10.69 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	338420		
129	10.2	8.6	13.0	
127	12.8	10.3	15.5	





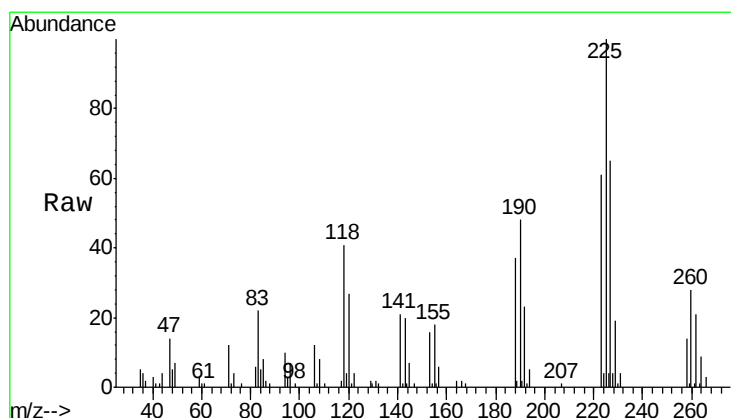
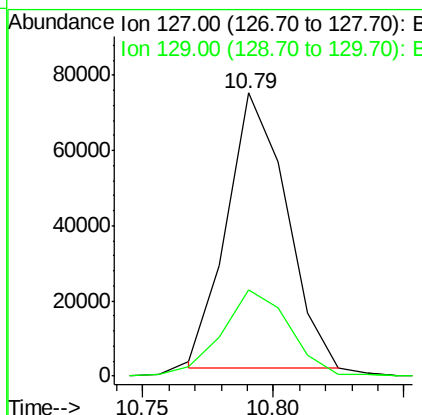
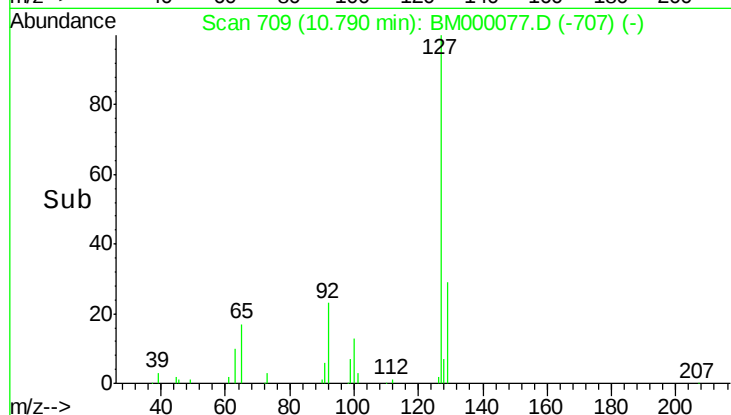
#30
 4-Chloroaniline
 Concen: 6.10 ng/ul
 RT: 10.79 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S

Tgt Ion:127 Resp: 116449
 Ion Ratio Lower Upper
 127 100
 129 30.6 26.5 39.7

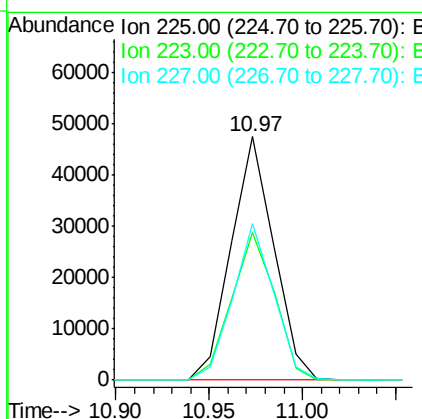
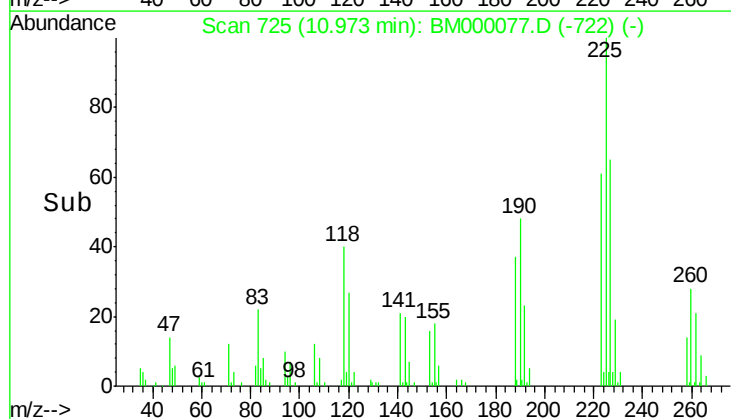
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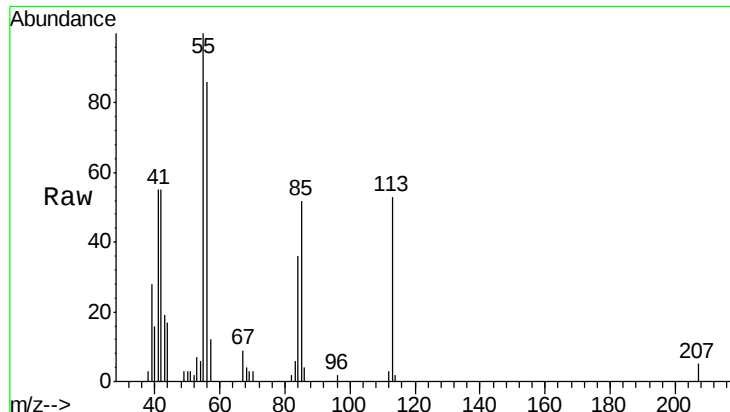
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#31
 Hexachlorobutadiene
 Concen: 6.59 ng/ul
 RT: 10.97 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Tgt Ion:225 Resp: 75811
 Ion Ratio Lower Upper
 225 100
 223 60.6 54.4 81.6
 227 64.5 51.8 77.8





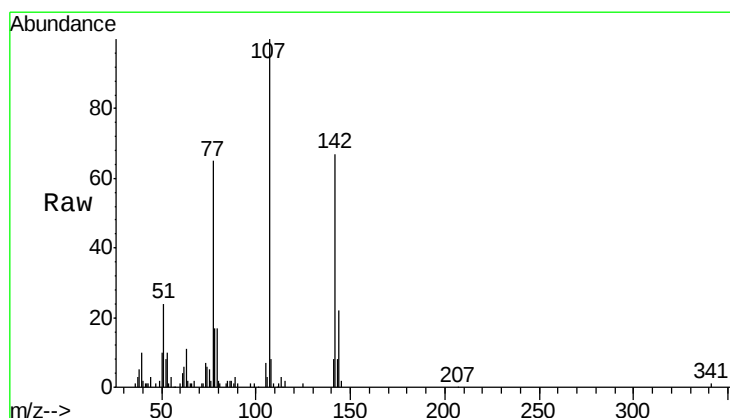
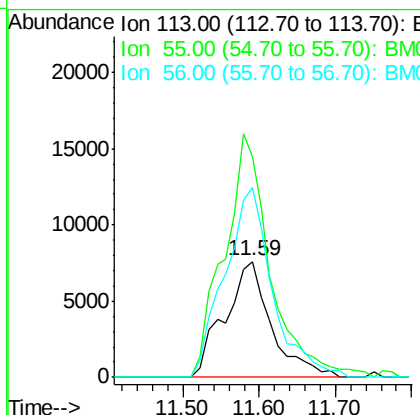
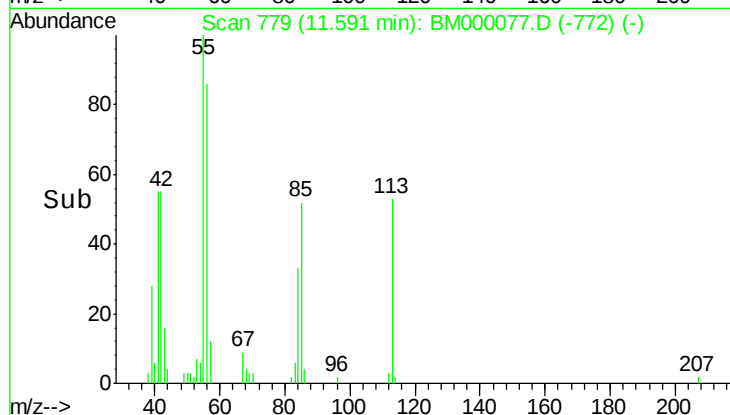
#32
 Caprolactam
 Concen: 5.97 ng/ul m
 RT: 11.59 min Scan# 779
 Delta R.T. 0.05 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S

Tgt Ion:113 Resp: 32283
 Ion Ratio Lower Upper
 113 100
 55 189.8 156.6 234.8
 56 163.9 126.3 189.5

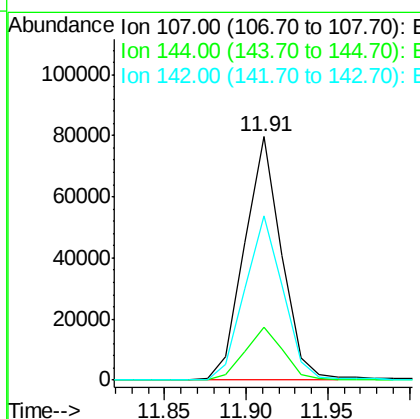
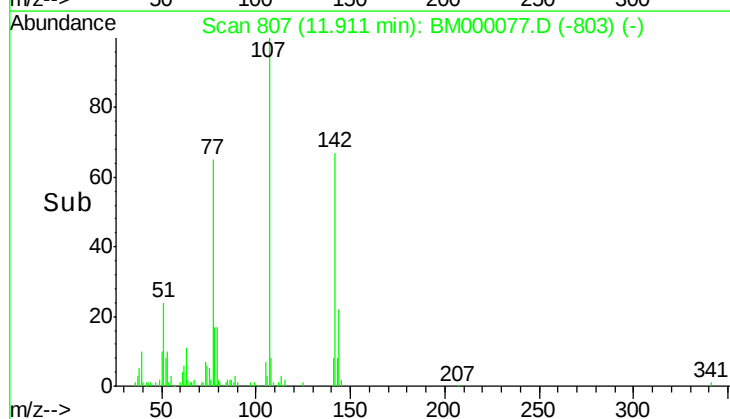
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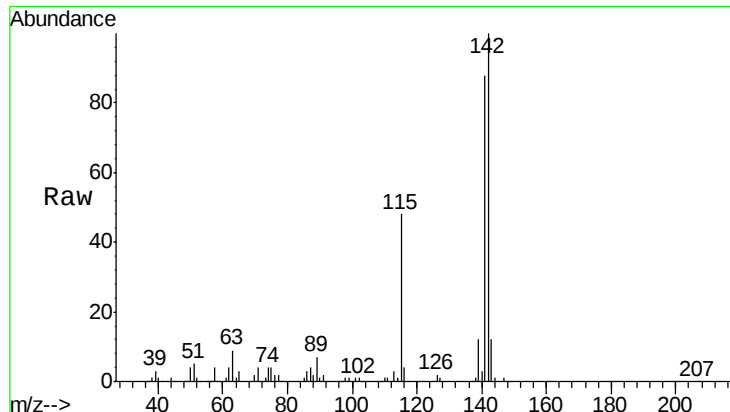
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#33
 4-Chloro-3-methylphenol
 Concen: 6.34 ng/ul
 RT: 11.91 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Tgt Ion:107 Resp: 126177
 Ion Ratio Lower Upper
 107 100
 144 21.7 16.6 24.8
 142 67.2 54.6 82.0





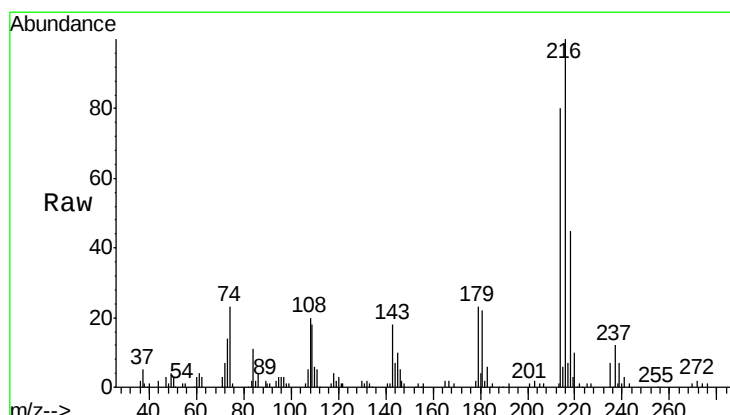
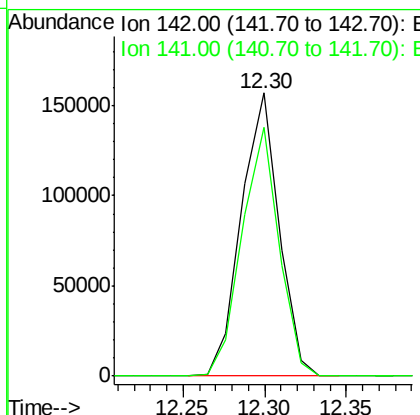
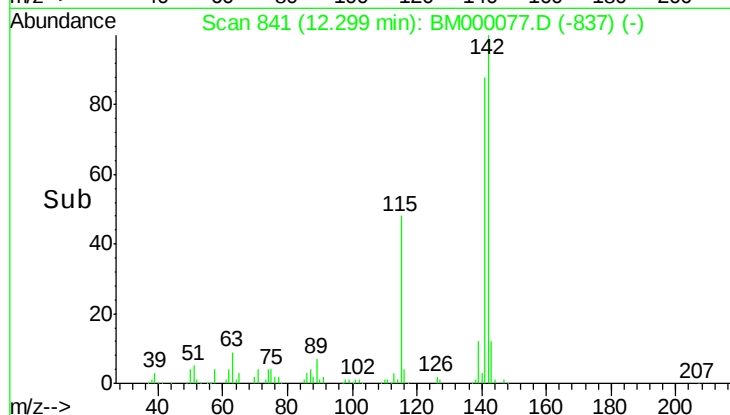
#34
 2-Methylnaphthalene
 Concen: 6.39 ng/ul
 RT: 12.30 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S

Tgt Ion:142 Resp: 251984
 Ion Ratio Lower Upper
 142 100
 141 87.7 69.3 103.9

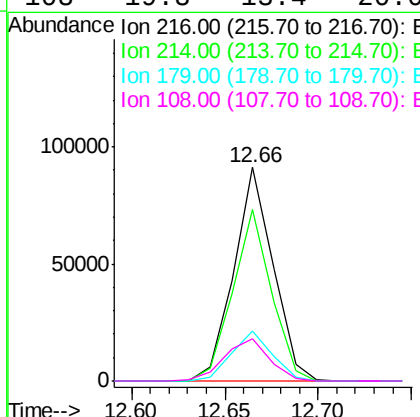
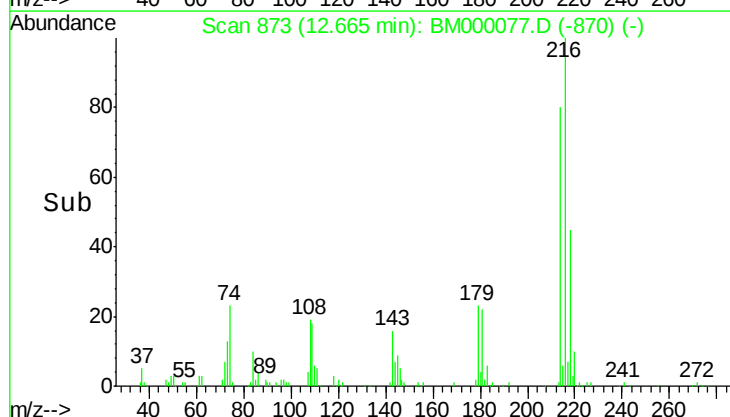
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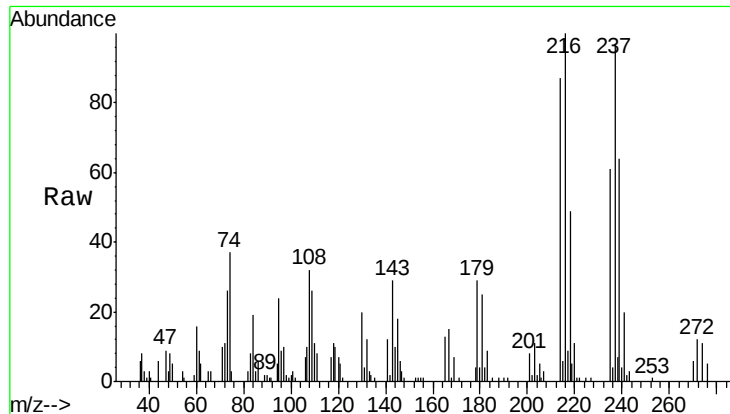
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 6.48 ng/ul
 RT: 12.66 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Tgt Ion:216 Resp: 133840
 Ion Ratio Lower Upper
 216 100
 214 80.4 62.6 94.0
 179 23.2 17.4 26.2
 108 19.8 13.4 20.0





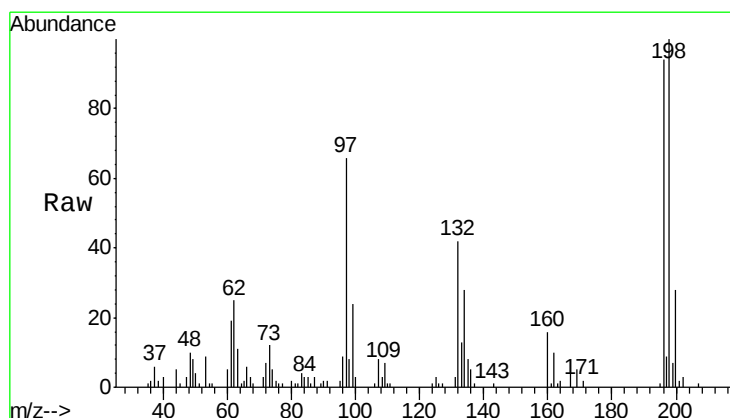
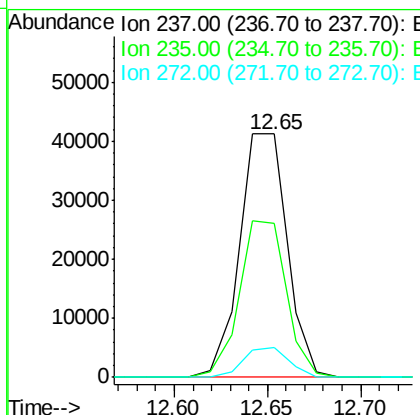
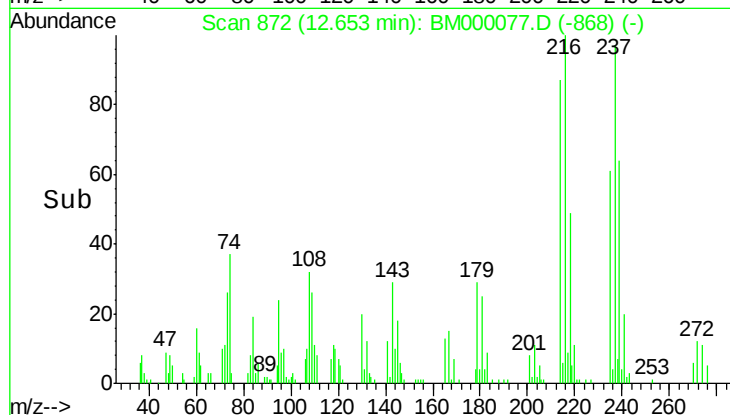
#37
Hexachlorocyclopentadiene
Concen: 5.35 ng/ul
RT: 12.65 min Scan# 872
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion: 237 Resp: 73073
Ion Ratio Lower Upper
237 100
235 63.2 50.0 75.0
272 12.3 8.9 13.3

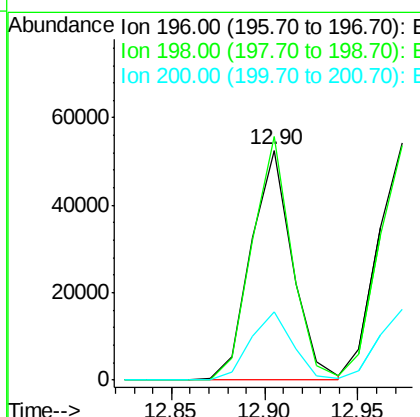
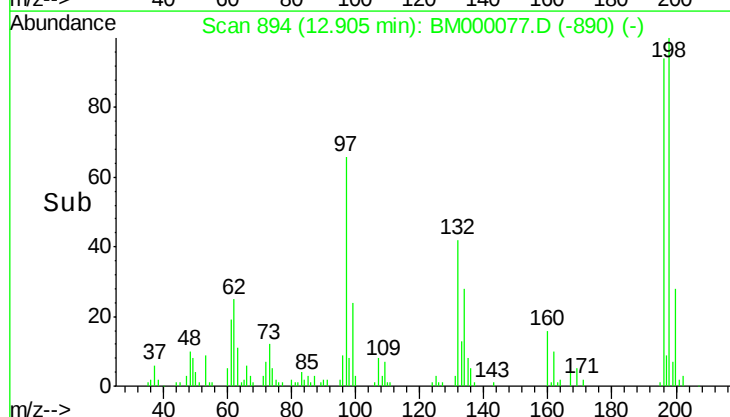
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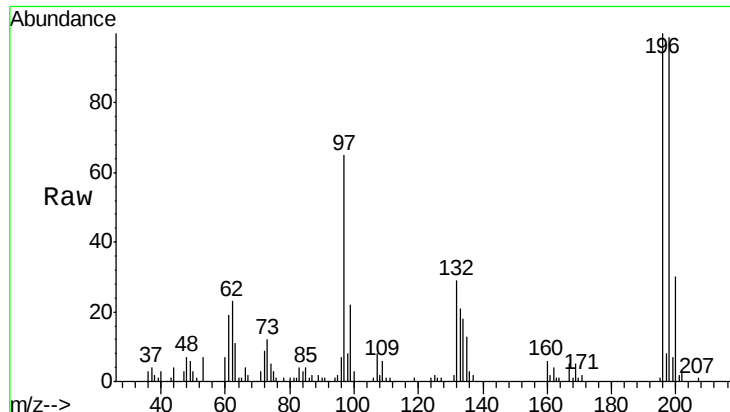
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#38
2,4,6-Trichlorophenol
Concen: 6.16 ng/ul
RT: 12.90 min Scan# 894
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Tgt Ion: 196 Resp: 81222
Ion Ratio Lower Upper
196 100
198 106.0 76.6 114.8
200 30.0 24.5 36.7





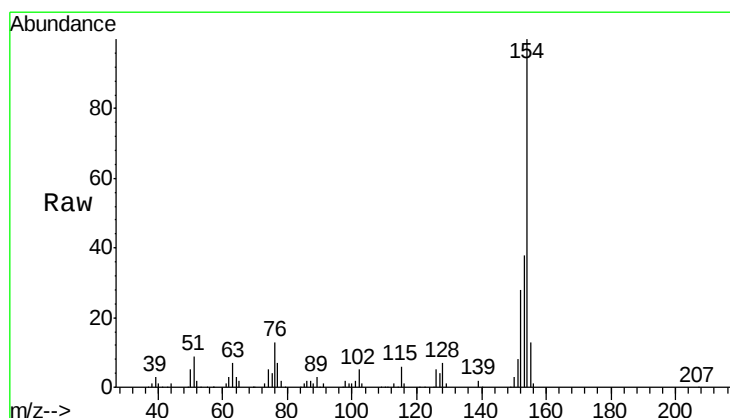
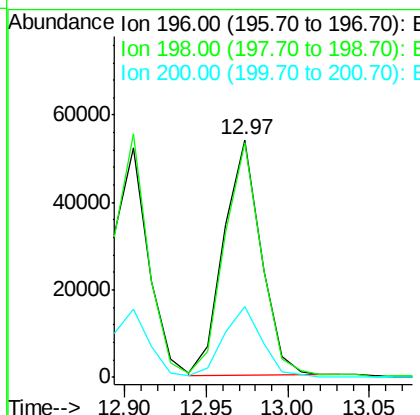
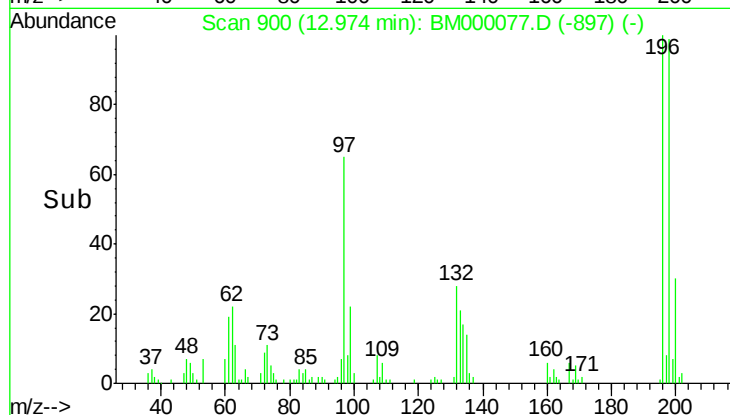
#39
 2,4,5-Trichlorophenol
 Concen: 5.97 ng/ul
 RT: 12.97 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	85440		
198	98.9	75.4	113.2	
200	29.6	25.0	37.4	

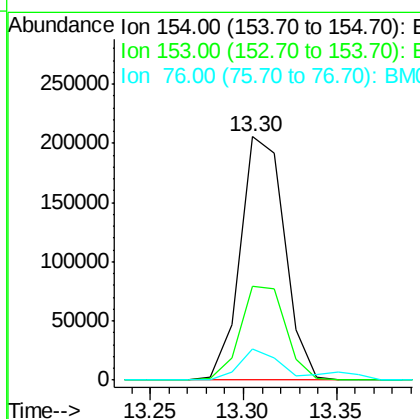
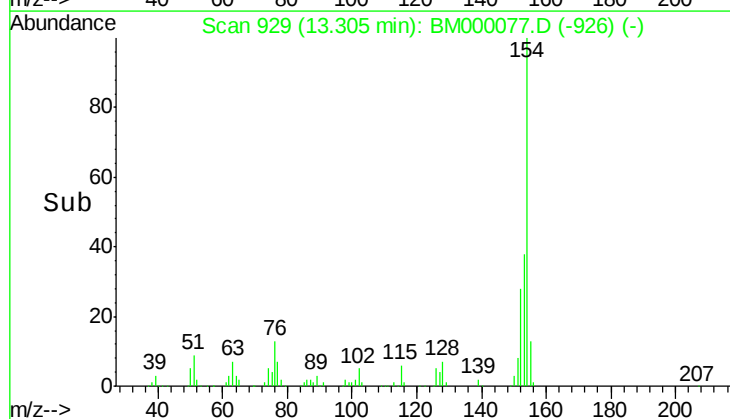
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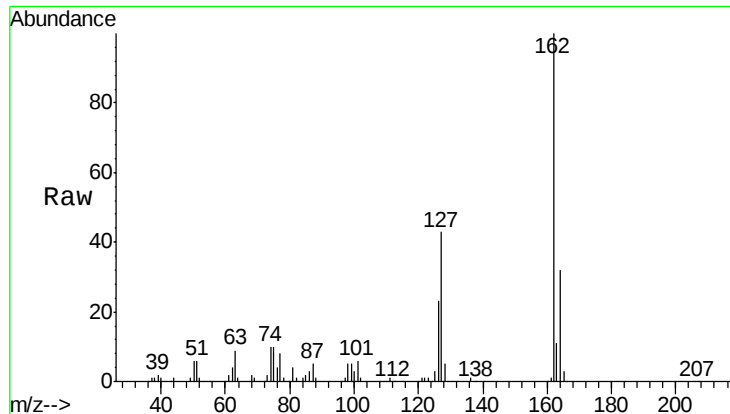
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#40
 1,1'-Biphenyl
 Concen: 6.29 ng/ul
 RT: 13.30 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	337731		
153	38.3	30.5	45.7	
76	13.0	8.9	13.3	





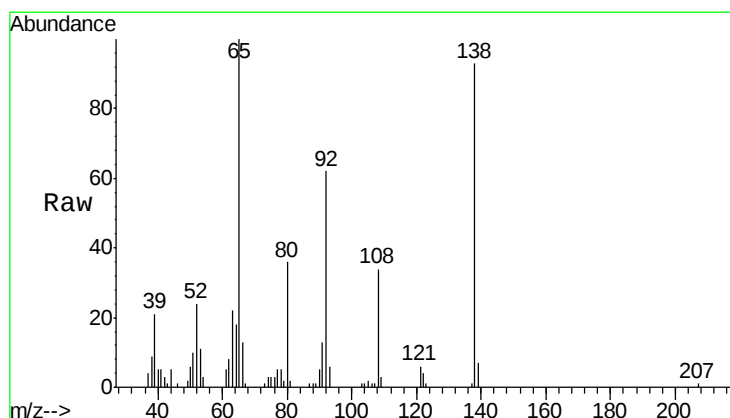
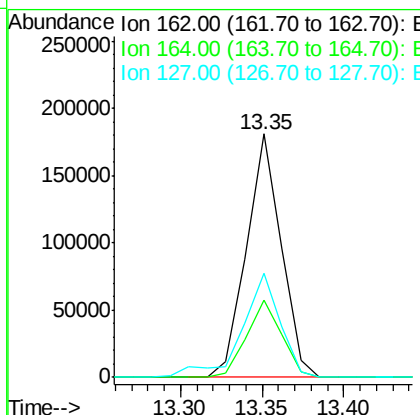
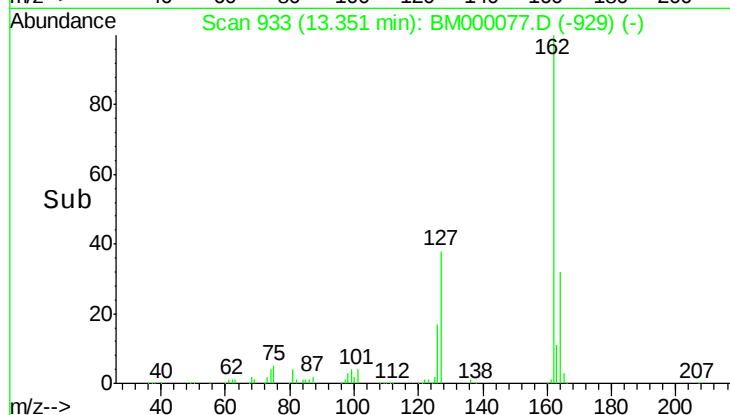
#41
 2-Chloronaphthalene
 Concen: 6.50 ng/ul
 RT: 13.35 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S

Tgt Ion	Ratio	Lower	Upper
162	100		
164	31.8	25.8	38.6
127	42.7	35.9	53.9

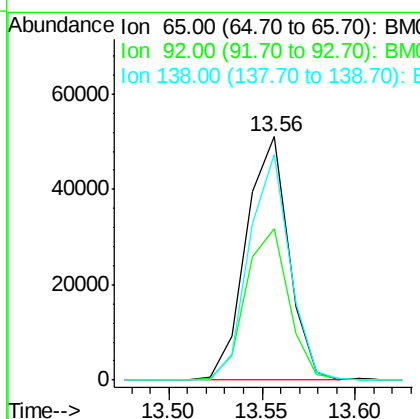
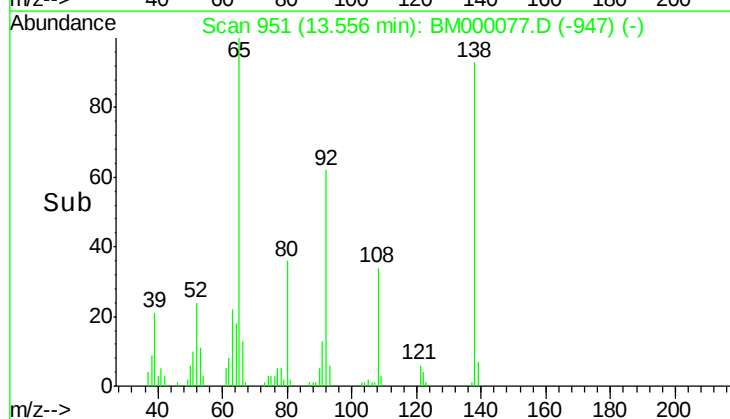
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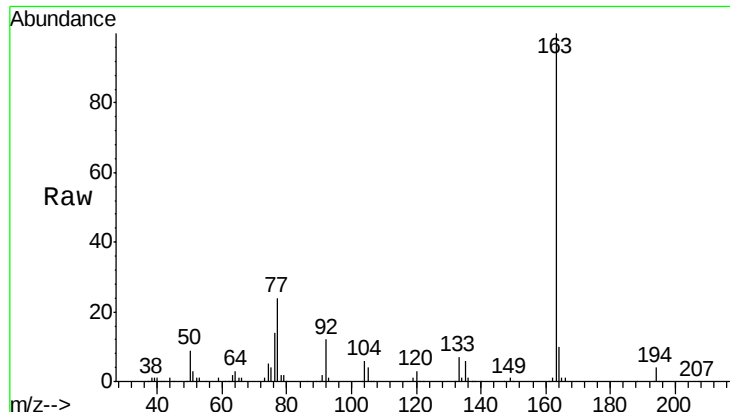
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#42
 2-Nitroaniline
 Concen: 6.05 ng/ul
 RT: 13.56 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.4	50.4	75.6
138	92.6	66.9	100.3





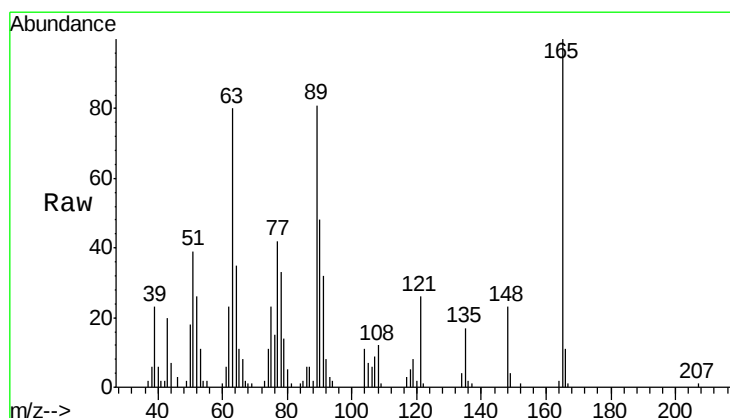
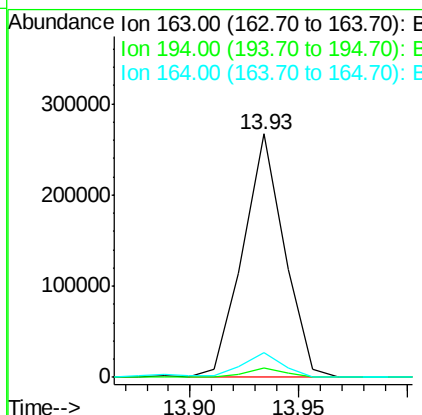
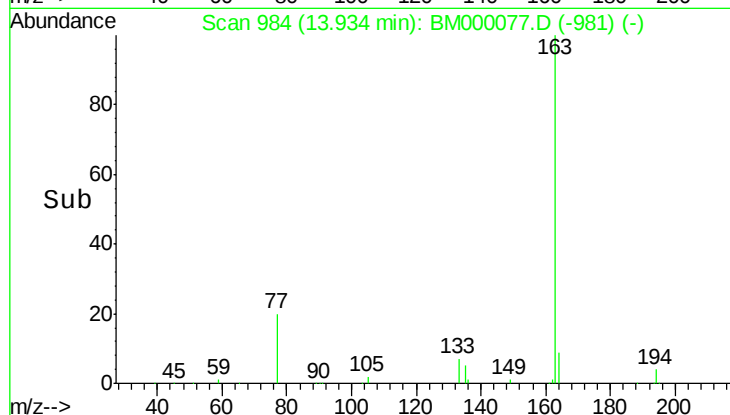
#44
Dimethylphthalate
Concen: 6.45 ng/ul
RT: 13.93 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	353177		
194	3.6		3.0	4.4
164	9.9		8.5	12.7

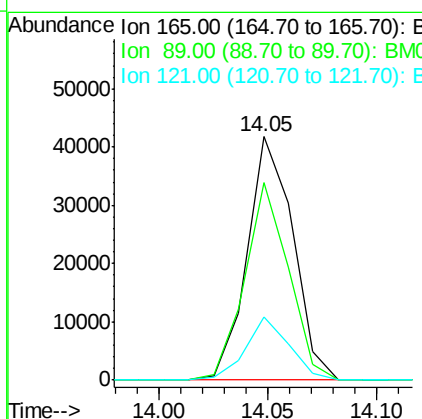
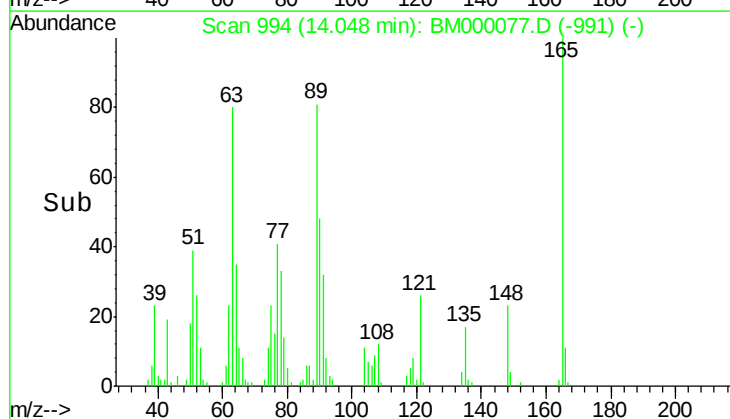
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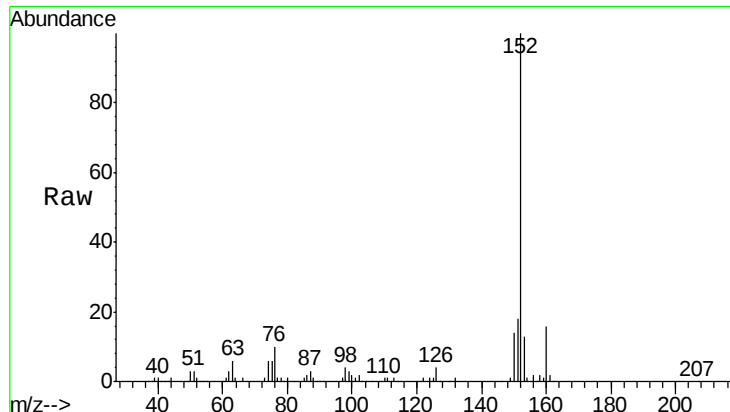
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#45
2,6-Dinitrotoluene
Concen: 6.27 ng/ul
RT: 14.05 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	61408		
89	81.0		54.4	81.6
121	26.1		18.6	28.0





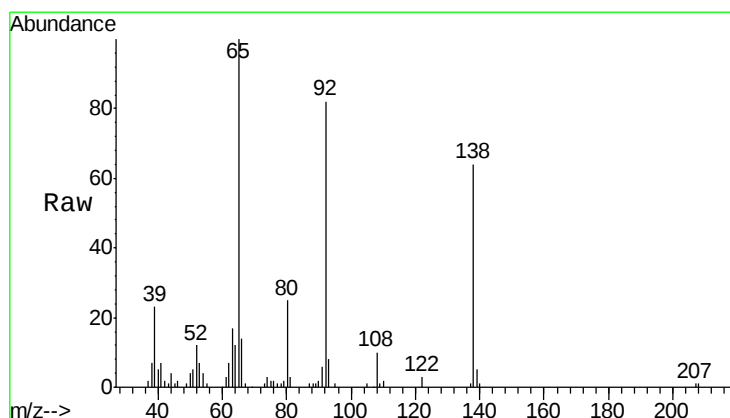
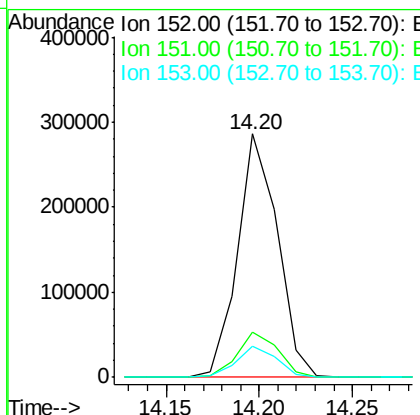
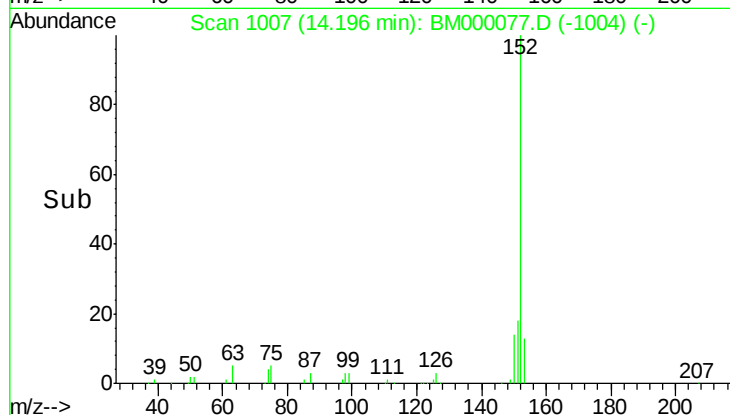
#47
 Acenaphthylene
 Concen: 6.13 ng/ul
 RT: 14.20 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S

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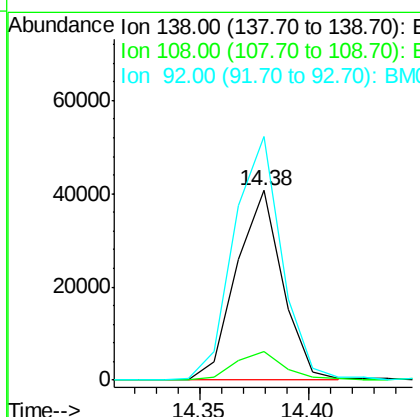
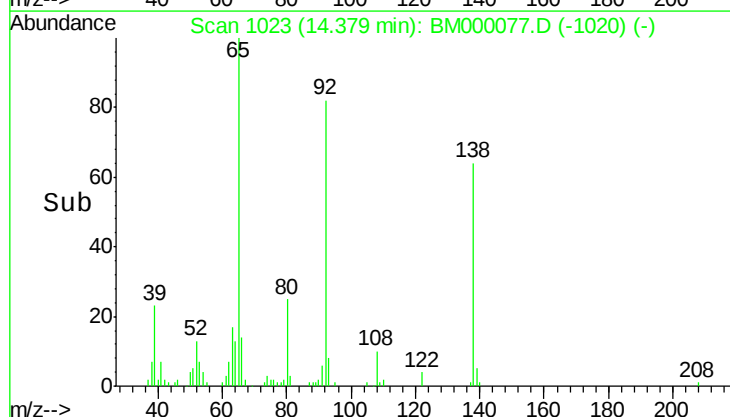
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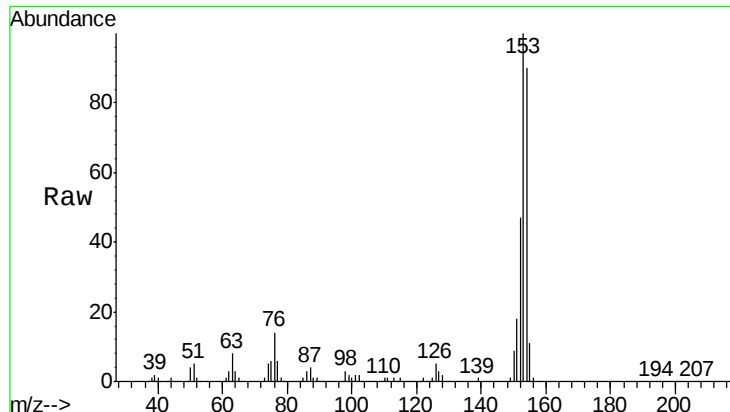
Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.4	23.2
153	13.0	10.2	15.2



#48
 3-Nitroaniline
 Concen: 6.01 ng/ul
 RT: 14.38 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Tgt Ion	Ratio	Lower	Upper
138	100		
108	15.2	11.2	16.8
92	128.4	110.6	165.8





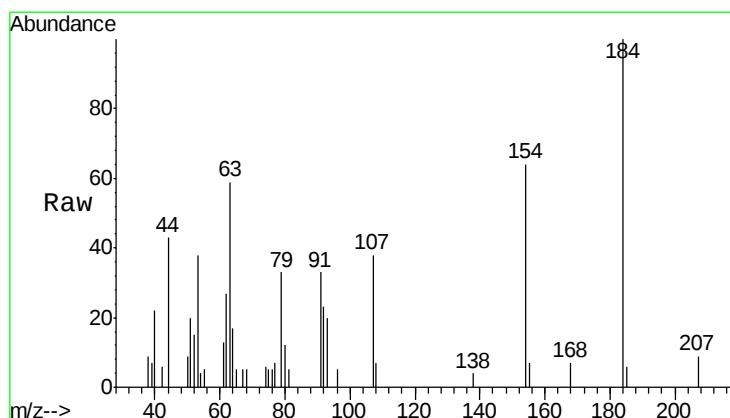
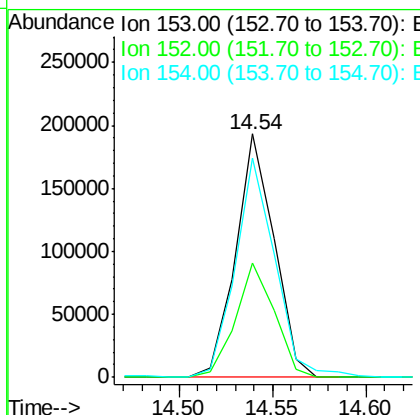
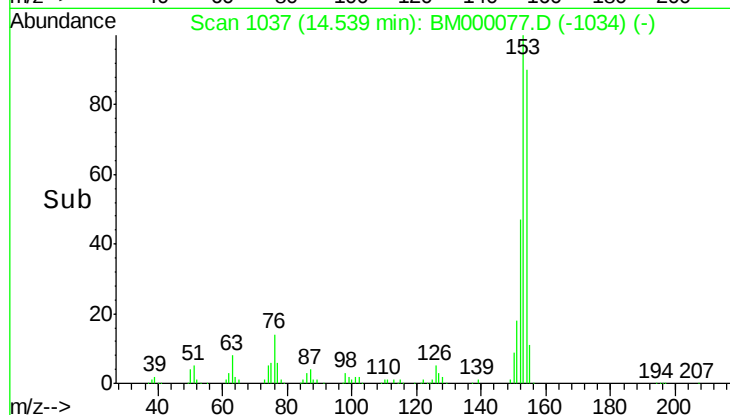
#49
Acenaphthene
Concen: 6.25 ng/ul
RT: 14.54 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	276495		
152	47.0		37.5	56.3
154	90.3		72.2	108.4

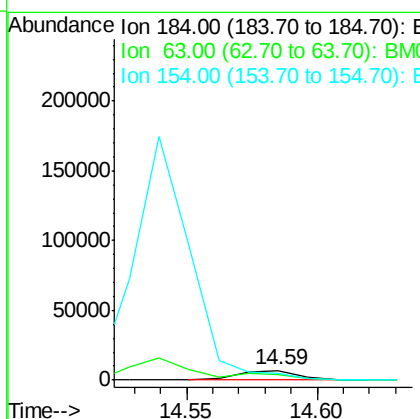
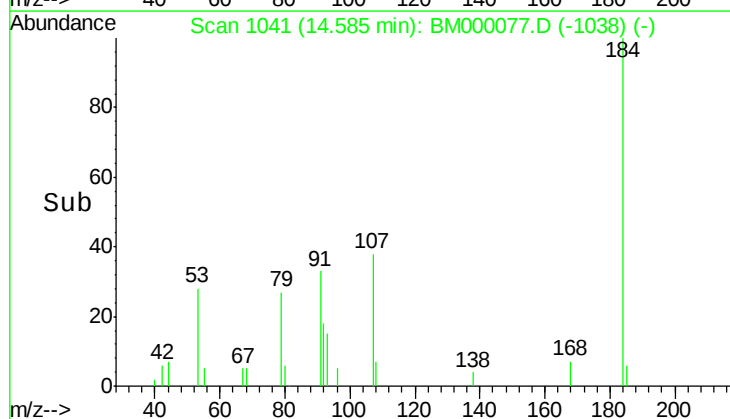
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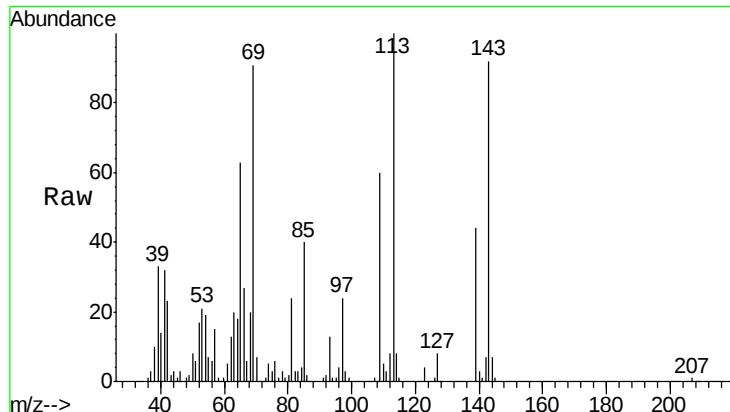
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#50
2,4-Dinitrophenol
Concen: 2.21 ng/ul
RT: 14.59 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	10995		
63	58.8		56.1	84.1
154	64.3		68.2	102.4#





#52

4-Nitrophenol

Concen: 6.38 ng/ul

RT: 14.68 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BM000077.D

Acq: 30 Dec 2014 02:50

Instrument :

BNA_M

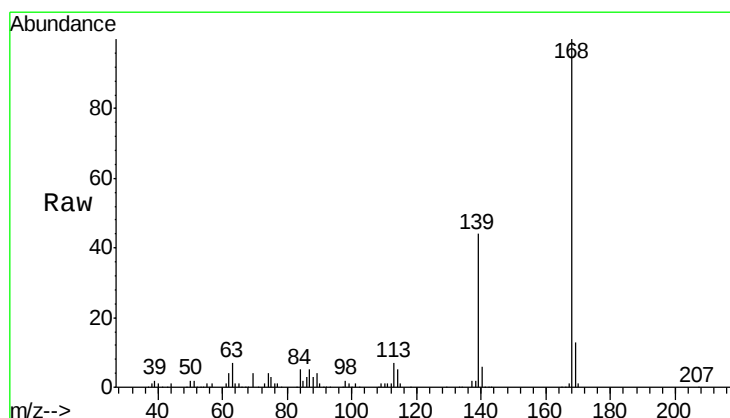
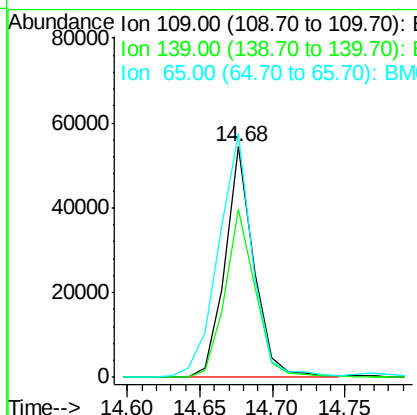
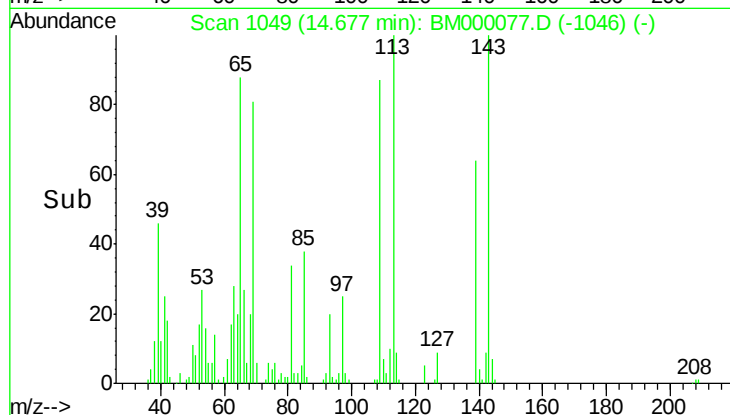
ClientSampleId :

MDL-04-S

Tgt Ion:	109	Resp:	75297
Ion Ratio	Lower	Upper	
109	100		
139	73.1	62.5	93.7
65	105.7	88.7	133.1

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#53

Dibenzofuran

Concen: 6.33 ng/ul

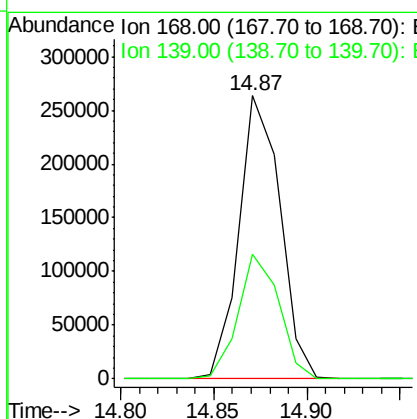
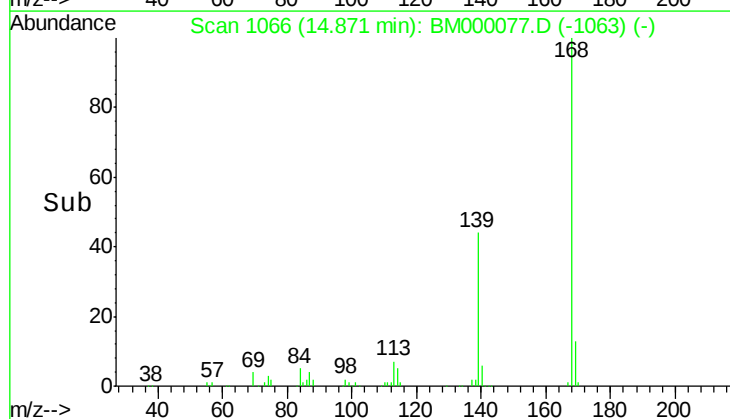
RT: 14.87 min Scan# 1066

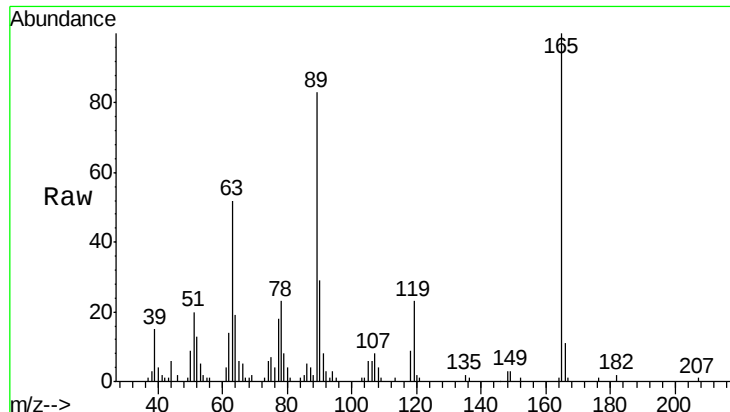
Delta R.T. -0.01 min

Lab File: BM000077.D

Acq: 30 Dec 2014 02:50

Tgt Ion:	168	Resp:	405695
Ion Ratio	Lower	Upper	
168	100		
139	44.2	33.6	50.4





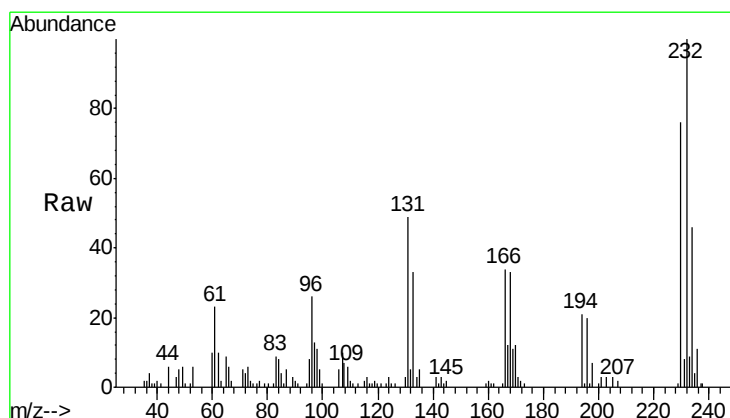
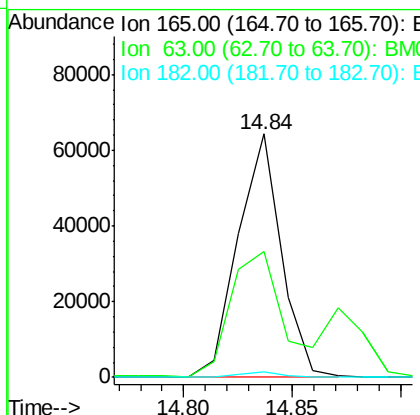
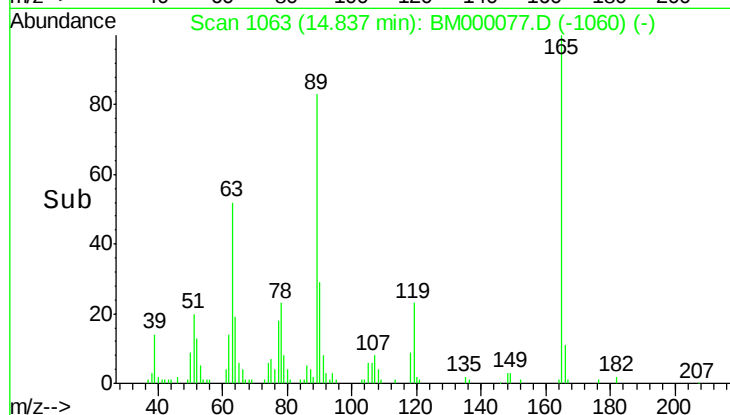
#54
 2,4-Dinitrotoluene
 Concen: 6.09 ng/ul
 RT: 14.84 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S

Tgt Ion:165 Resp: 89029
 Ion Ratio Lower Upper
 165 100
 63 52.0 48.8 73.2
 182 2.3 2.1 3.1

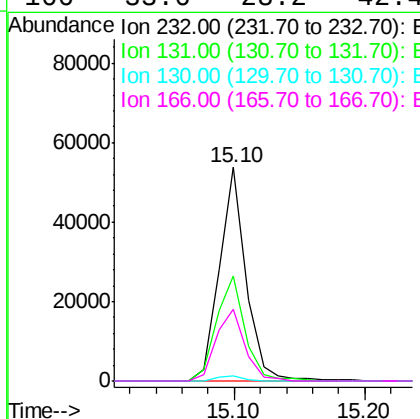
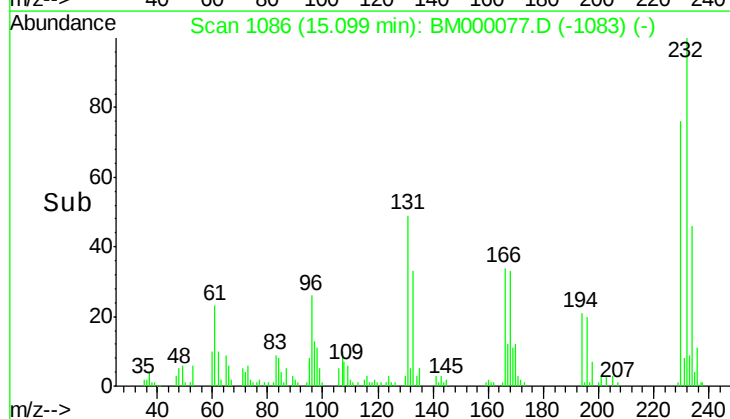
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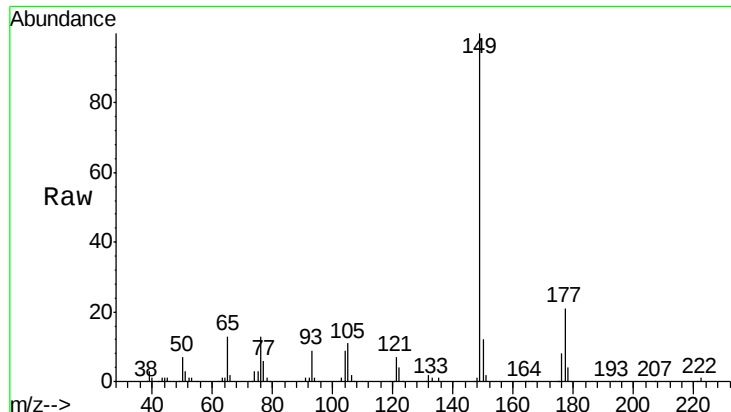
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 6.24 ng/ul
 RT: 15.10 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Tgt Ion:232 Resp: 76998
 Ion Ratio Lower Upper
 232 100
 131 49.2 43.4 65.0
 130 2.6 2.7 4.1#
 166 33.6 28.2 42.4





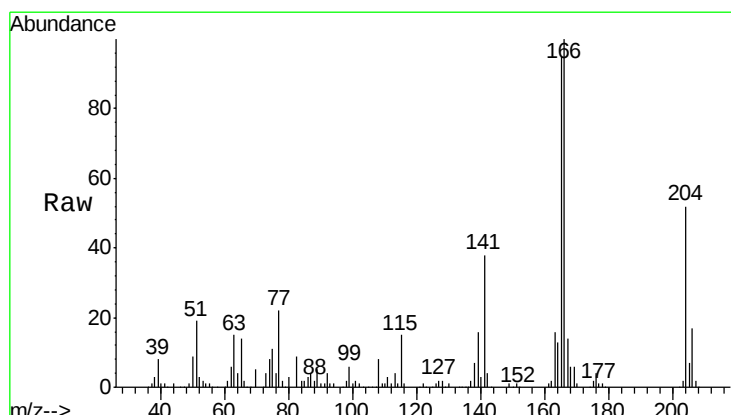
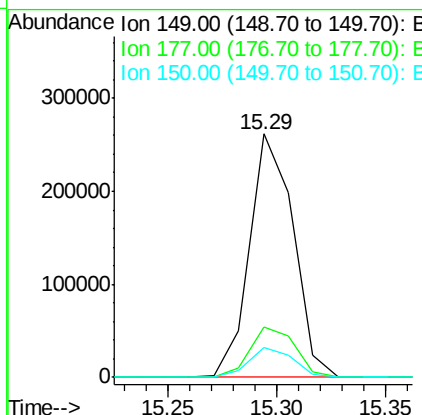
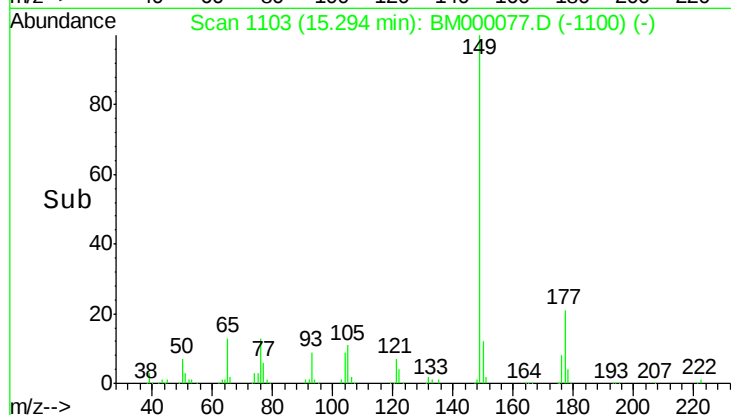
#56
Diethylphthalate
Concen: 6.39 ng/ul
RT: 15.29 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.4	26.2
150	12.4	10.5	15.7

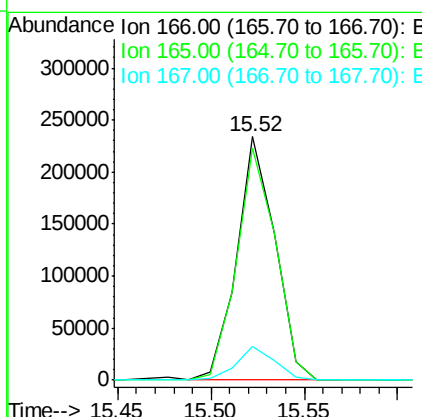
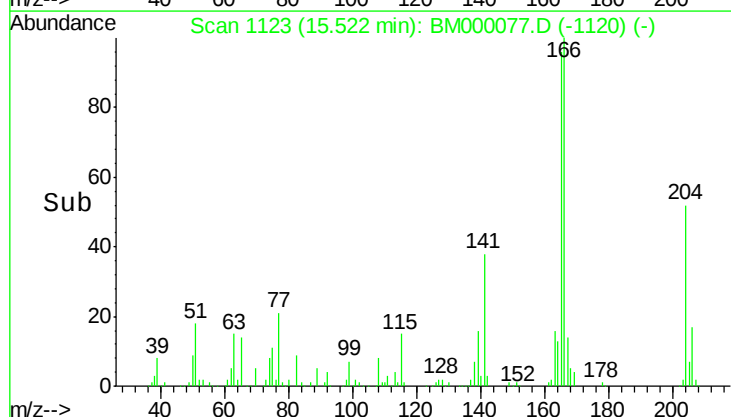
Manual Integrations
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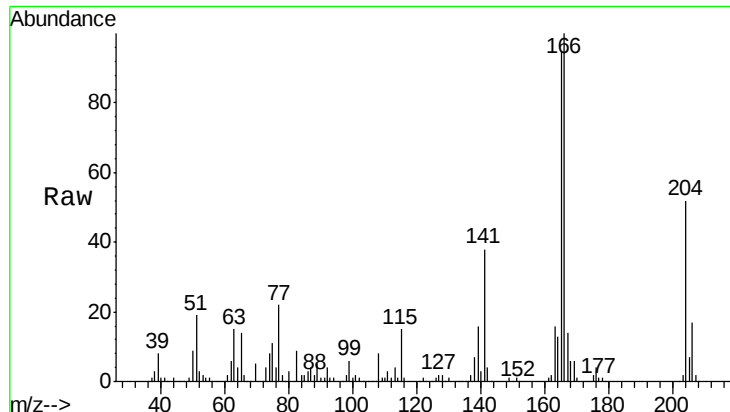
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#58
Fluorene
Concen: 6.29 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.3	76.0	114.0
167	13.7	10.2	15.4





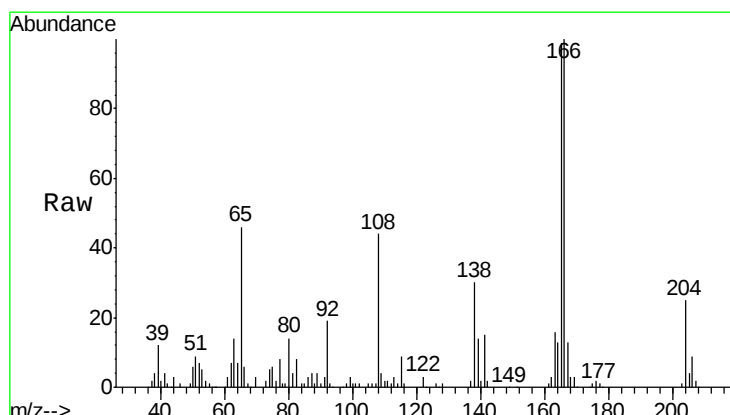
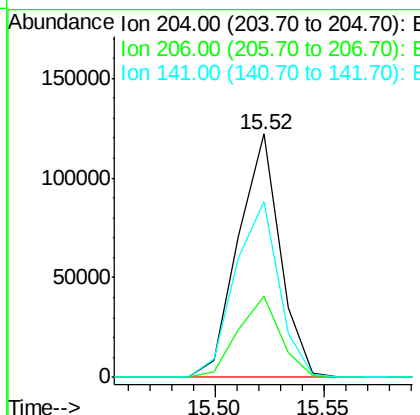
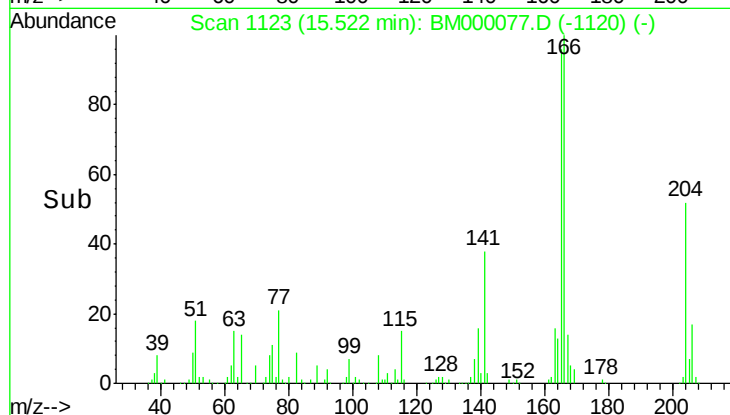
#59
4-Chlorophenyl-phenylether
Concen: 6.24 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:204 Resp: 163700
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.8
141 72.3 61.3 91.9

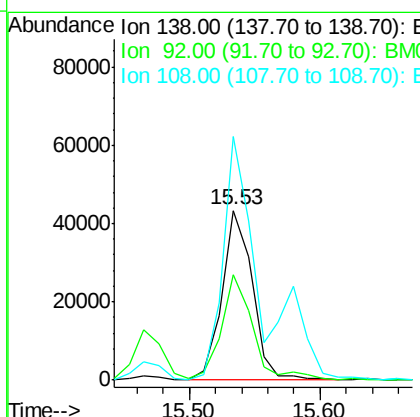
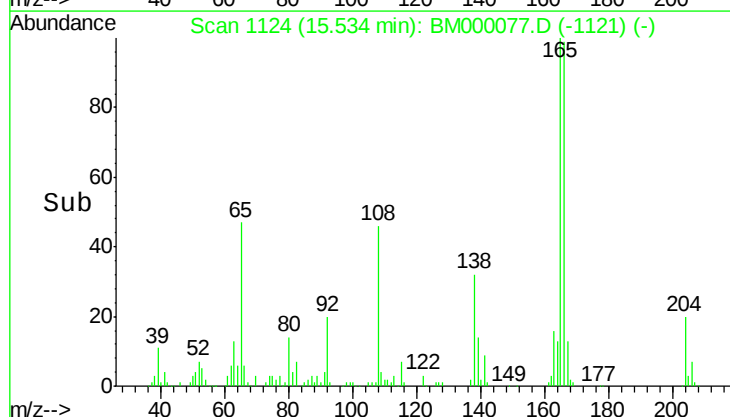
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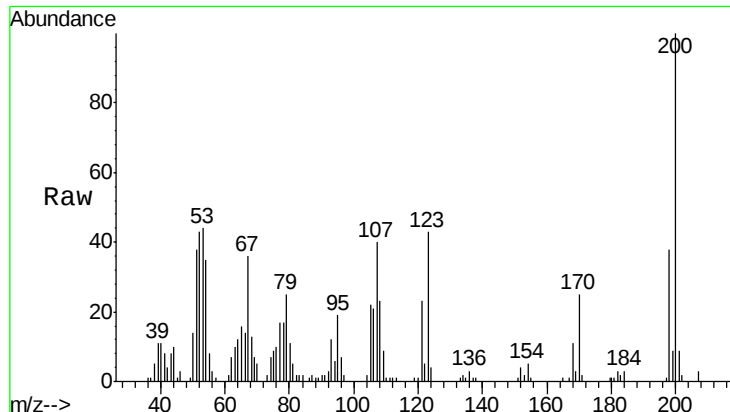
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#60
4-Nitroaniline
Concen: 6.22 ng/ul
RT: 15.53 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Tgt Ion:138 Resp: 70489
Ion Ratio Lower Upper
138 100
92 62.4 49.3 73.9
108 143.5 110.3 165.5





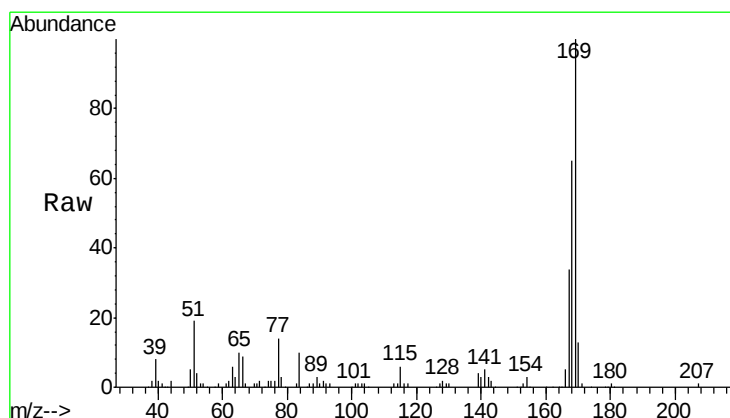
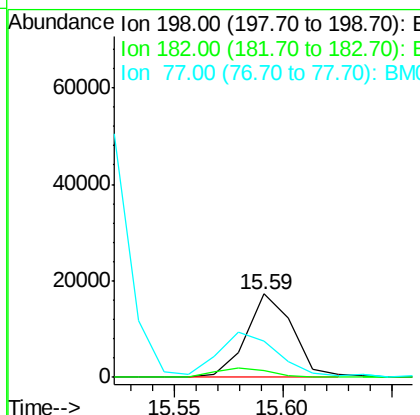
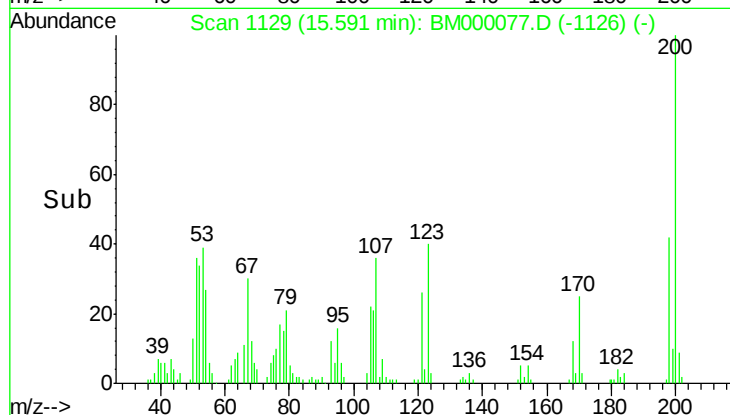
#63
 4,6-Dinitro-2-methylphenol
 Concen: 3.38 ng/ul
 RT: 15.59 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S

Tgt Ion:198 Resp: 25724
 Ion Ratio Lower Upper
 198 100
 182 8.9 2.6 4.0#
 77 43.8 25.2 37.8#

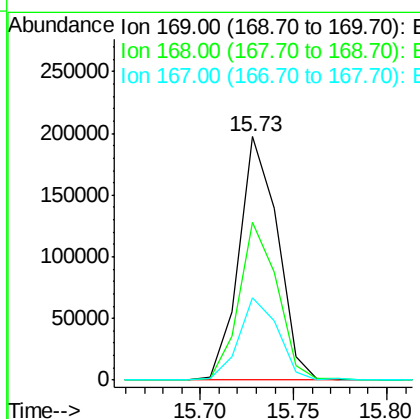
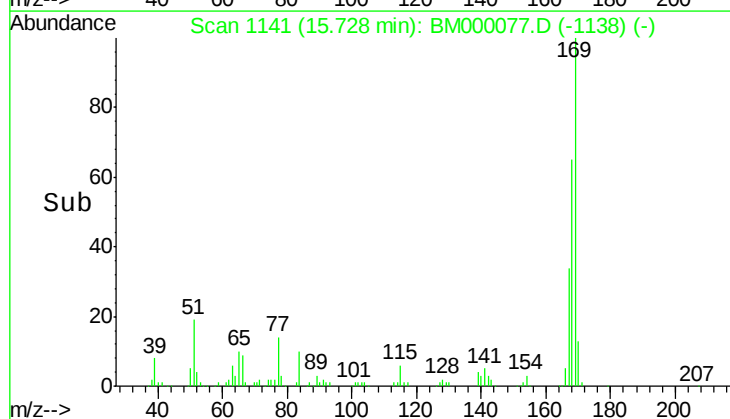
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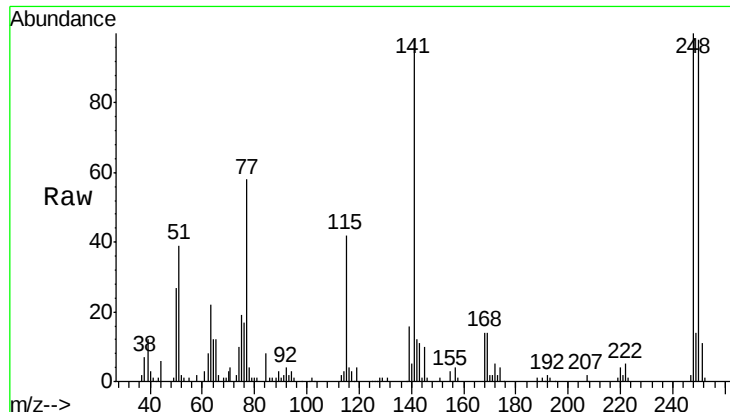
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#64
 N-Nitrosodiphenylamine
 Concen: 6.55 ng/ul
 RT: 15.73 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Tgt Ion:169 Resp: 285059
 Ion Ratio Lower Upper
 169 100
 168 64.6 51.8 77.6
 167 34.0 28.1 42.1





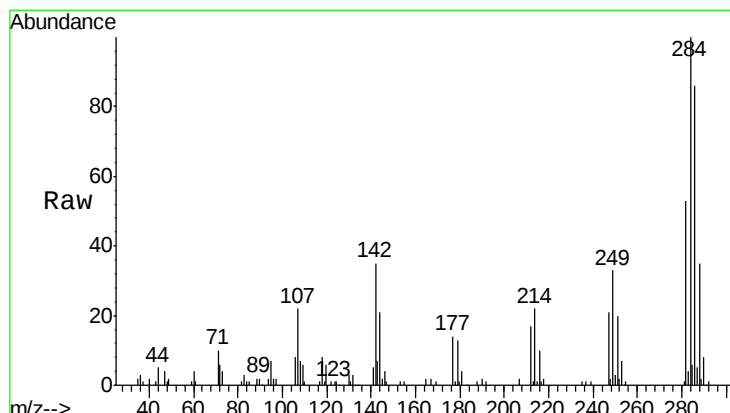
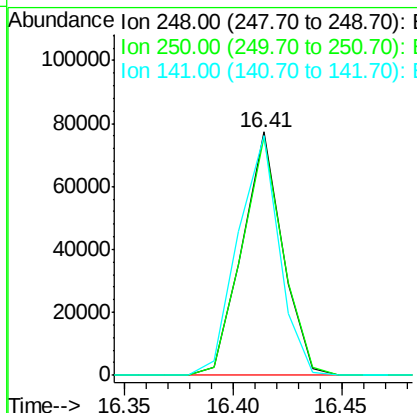
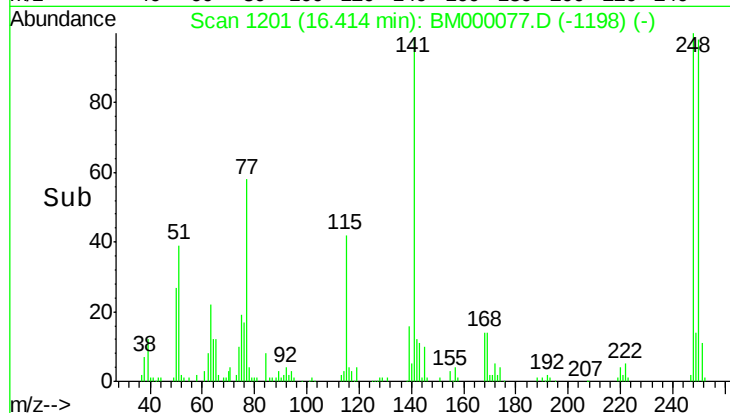
#65
 4-Bromophenyl-phenylether
 Concen: 6.55 ng/ul
 RT: 16.41 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S

Tgt Ion:	248	Resp:	100192
Ion Ratio	Lower	Upper	
248	100		
250	97.9	78.4	117.6
141	98.4	67.0	100.4

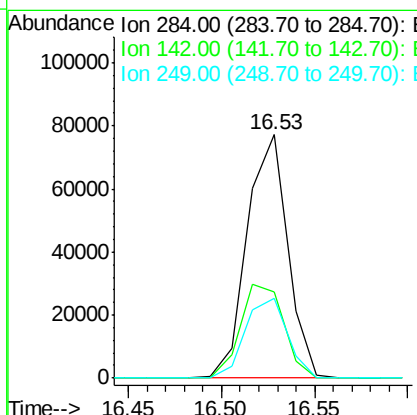
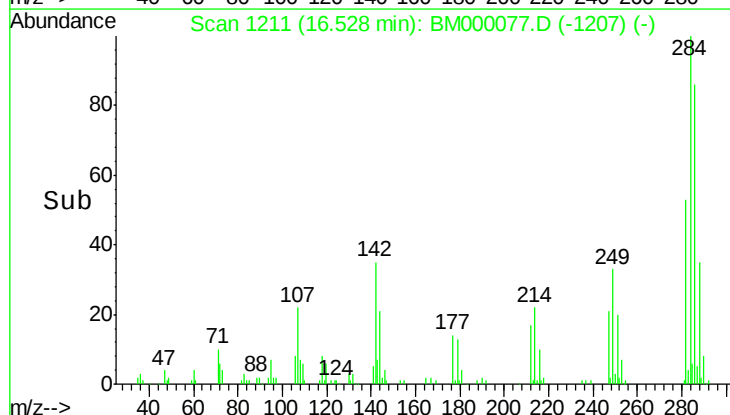
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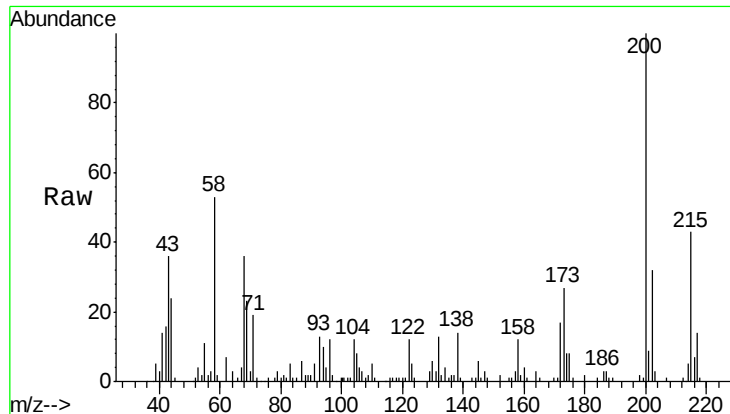
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#66
 Hexachlorobenzene
 Concen: 6.60 ng/ul
 RT: 16.53 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Tgt Ion:	284	Resp:	116343
Ion Ratio	Lower	Upper	
284	100		
142	35.4	32.4	48.6
249	32.9	26.7	40.1





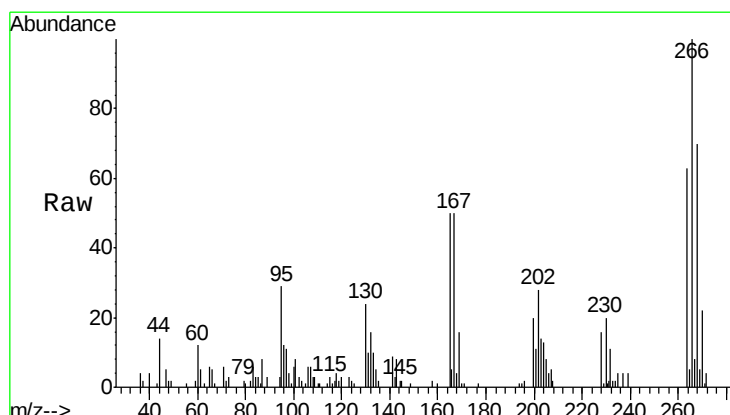
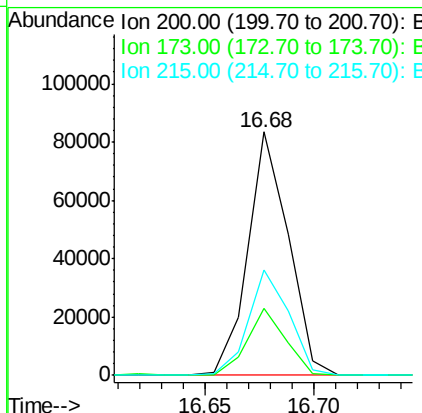
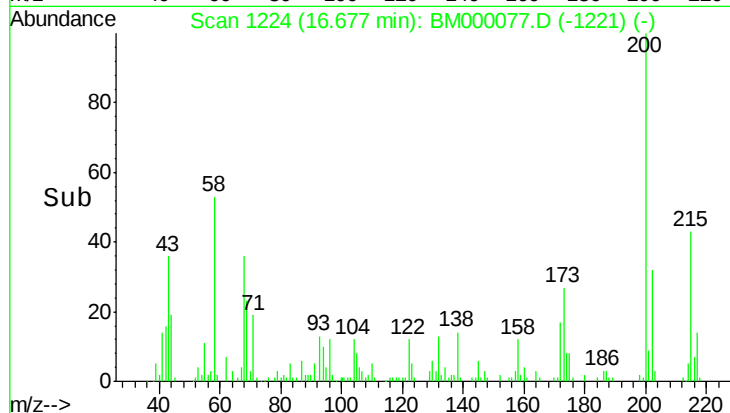
#67
Atrazine
Concen: 6.32 ng/ul
RT: 16.68 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Instrument :
BNA_M
ClientSampled :
MDL-04-S

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	108448		
173	27.3	19.5	29.3	
215	43.3	36.6	54.8	

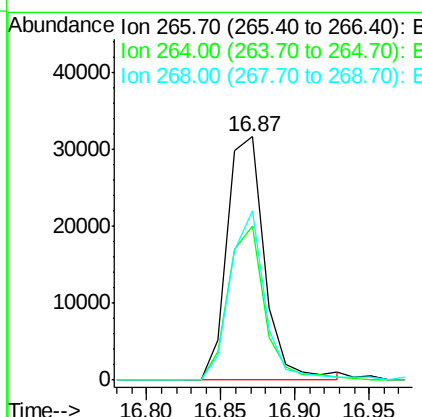
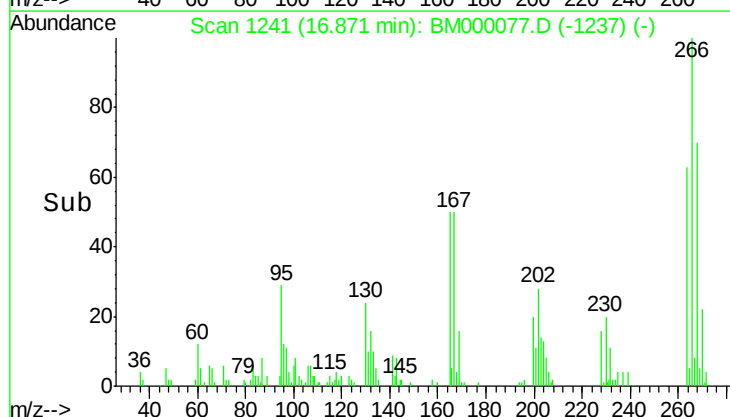
Manual Integrations
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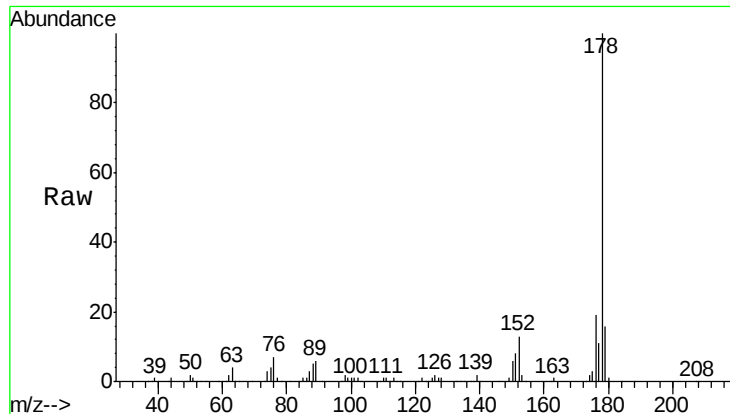
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#68
Pentachlorophenol
Concen: 5.17 ng/ul m
RT: 16.87 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	55464		
264	63.3	49.8	74.6	
268	69.7	48.2	72.4	





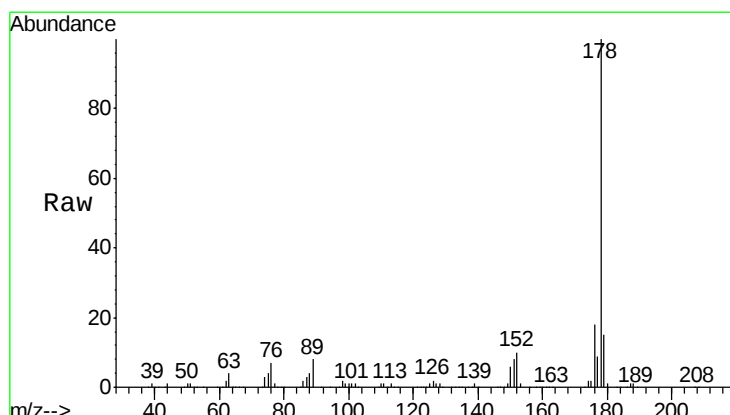
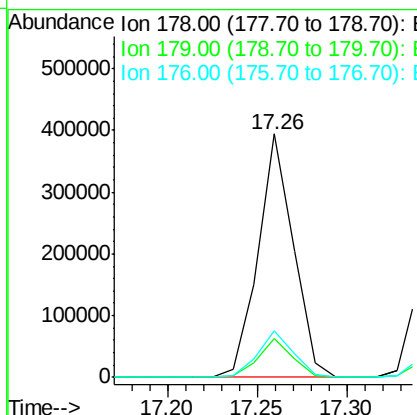
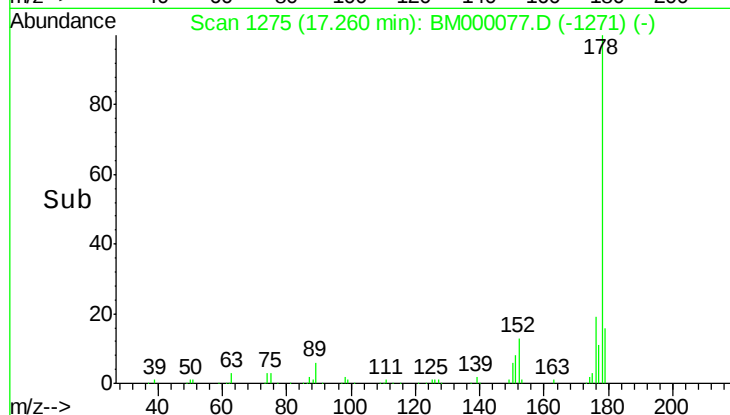
#69
Phenanthrene
Concen: 6.65 ng/ul m
RT: 17.26 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:	178	Resp:	540025
Ion Ratio	Lower	Upper	
178	100		
179	16.1	11.6	17.4
176	18.9	14.6	22.0

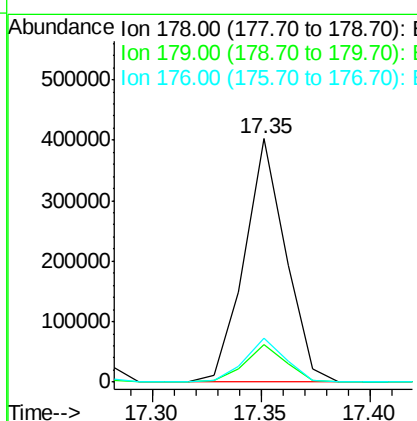
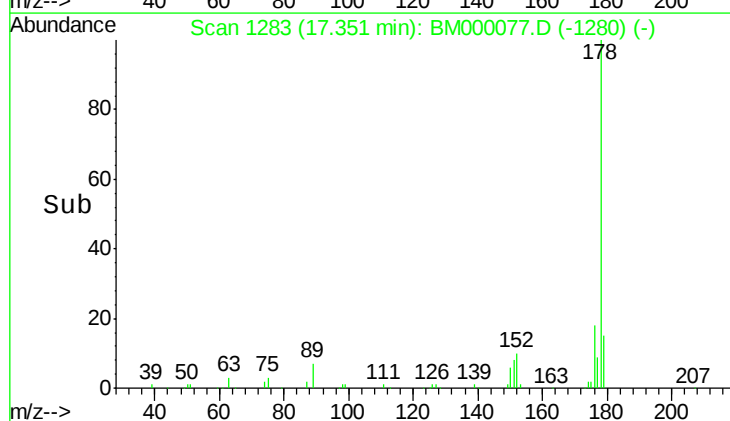
Manual Integrations
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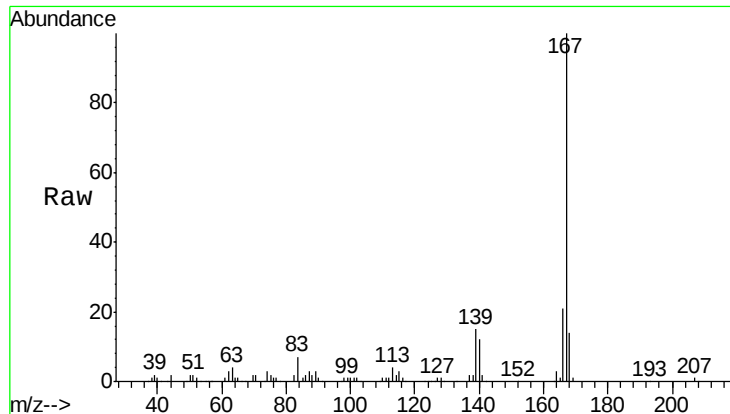
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#71
Anthracene
Concen: 6.35 ng/ul
RT: 17.35 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Tgt Ion:	178	Resp:	530495
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.6	18.8
176	18.2	14.6	21.8





#72

Carbazole

Concen: 6.39 ng/ul

RT: 17.61 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM000077.D

Acq: 30 Dec 2014 02:50

Instrument :

BNA_M

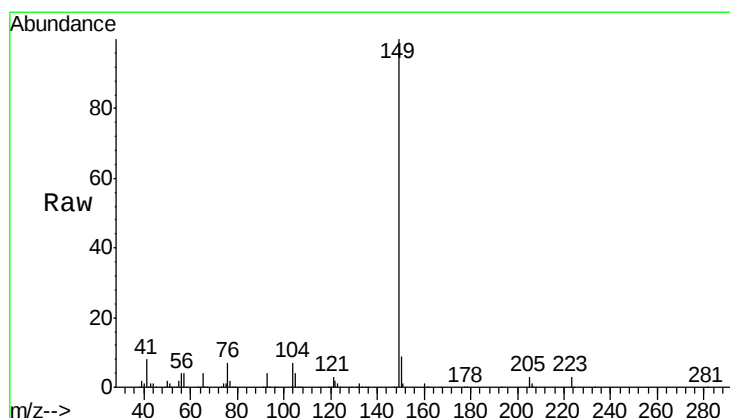
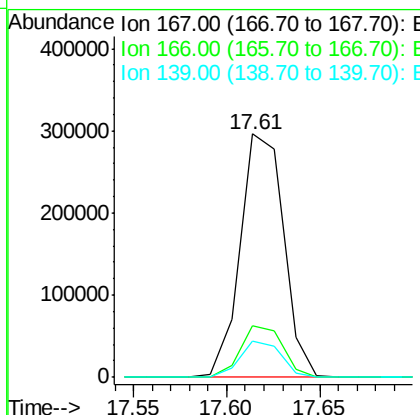
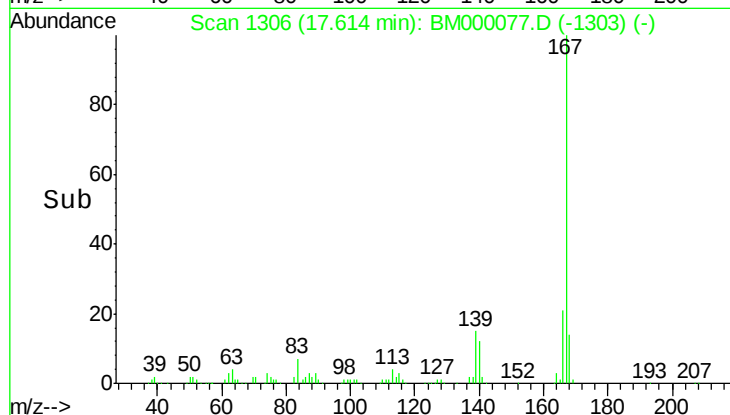
ClientSampleId :

MDL-04-S

Tgt Ion:	167	Resp:	480395
Ion Ratio	100	Lower	Upper
167	100		
166	21.1	16.2	24.4
139	15.1	10.7	16.1

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#73

Di-n-butylphthalate

Concen: 6.64 ng/ul

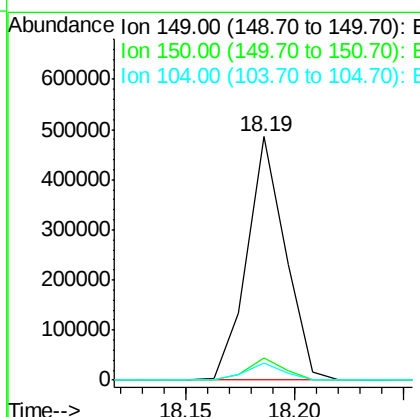
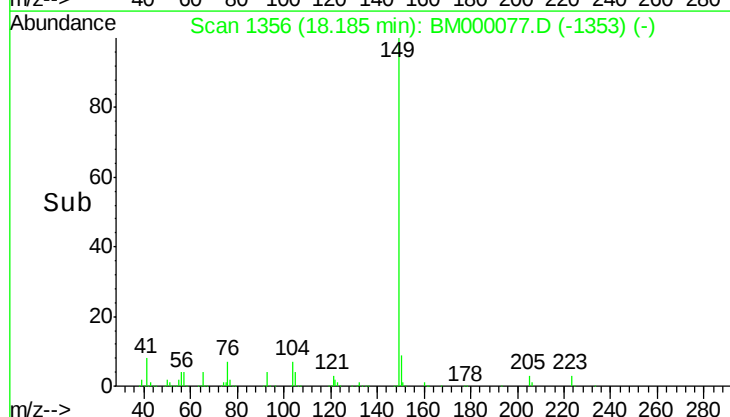
RT: 18.19 min Scan# 1356

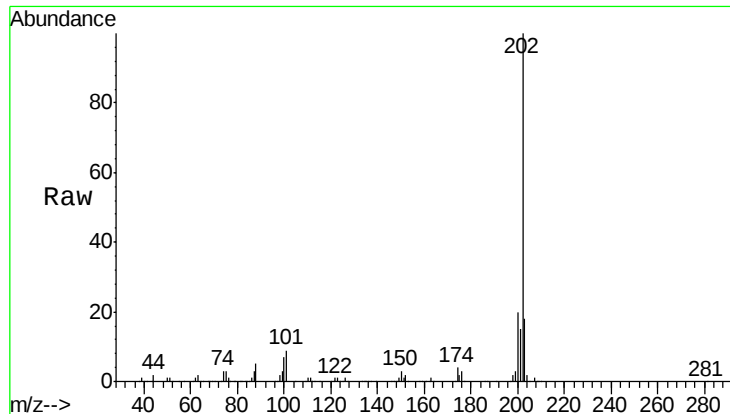
Delta R.T. -0.00 min

Lab File: BM000077.D

Acq: 30 Dec 2014 02:50

Tgt Ion:	149	Resp:	596139
Ion Ratio	100	Lower	Upper
149	100		
150	9.3	7.1	10.7
104	6.8	4.8	7.2





#74

Fluoranthene

Concen: 6.56 ng/ul

RT: 19.27 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BM000077.D

Acq: 30 Dec 2014 02:50

Instrument :

BNA_M

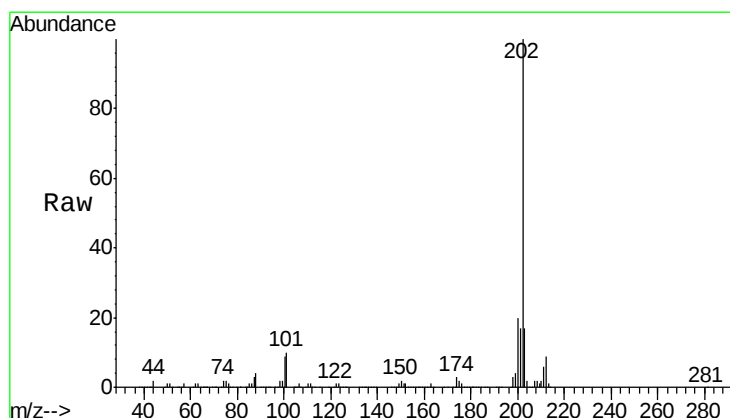
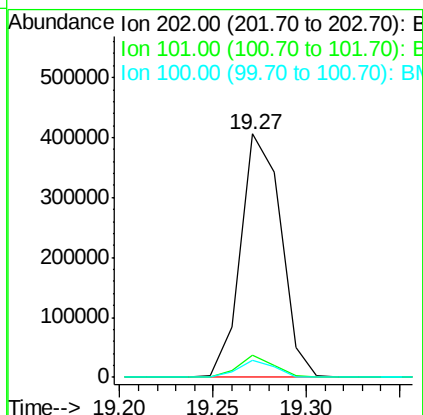
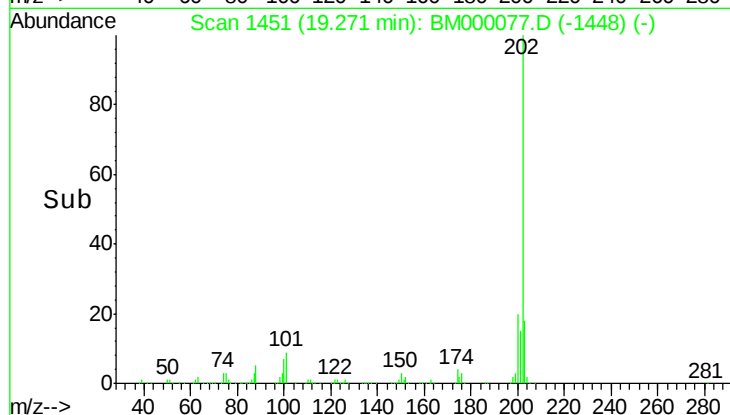
ClientSampleId :

MDL-04-S

Tgt Ion:	202	Resp:	610496
Ion Ratio	Lower	Upper	
202	100		
101	9.4	6.4	9.6
100	7.2	4.6	7.0#

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#77

Pyrene

Concen: 7.23 ng/ul

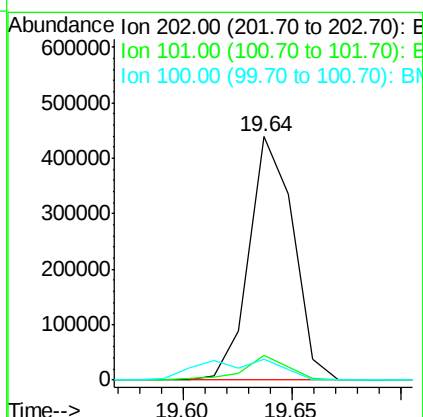
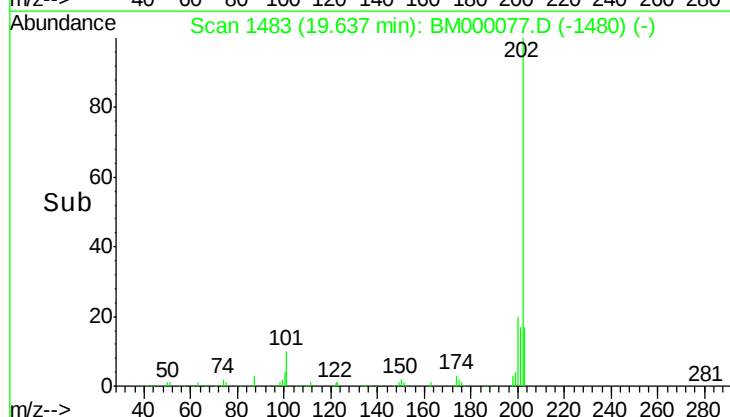
RT: 19.64 min Scan# 1483

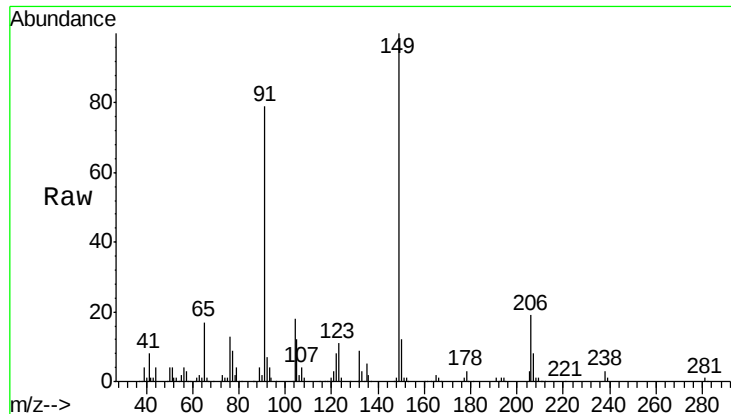
Delta R.T. -0.00 min

Lab File: BM000077.D

Acq: 30 Dec 2014 02:50

Tgt Ion:	202	Resp:	619611
Ion Ratio	Lower	Upper	
202	100		
101	10.2	6.9	10.3
100	8.6	5.5	8.3#





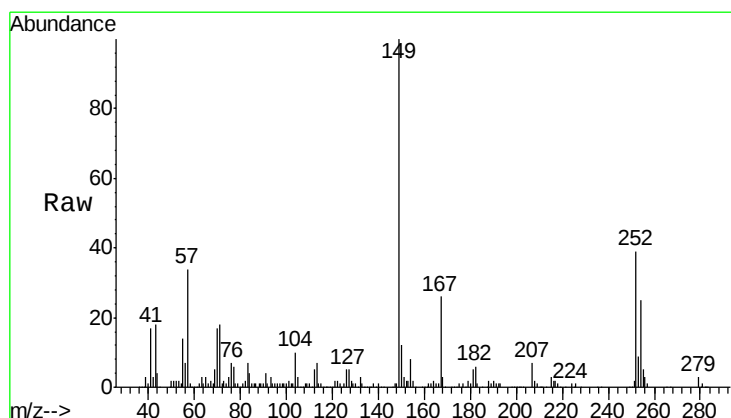
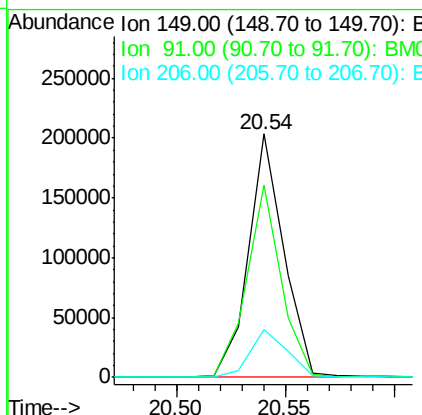
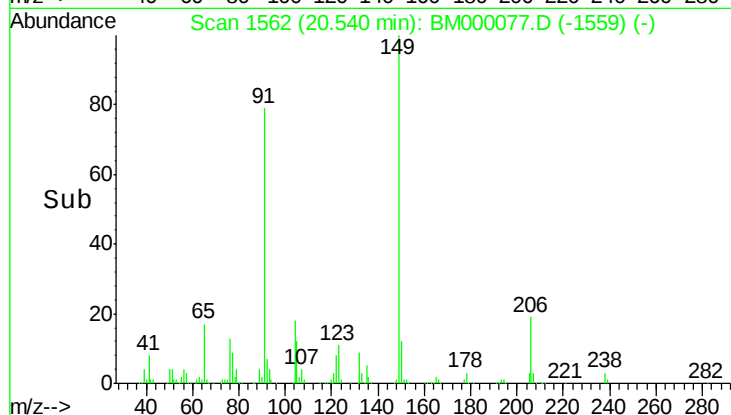
#78
Butylbenzylphthalate
Concen: 6.63 ng/ul
RT: 20.54 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Instrument :
BNA_M
ClientSampled :
MDL-04-S

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	230666		
91	79.0	56.6	84.8	
206	19.4	16.8	25.2	

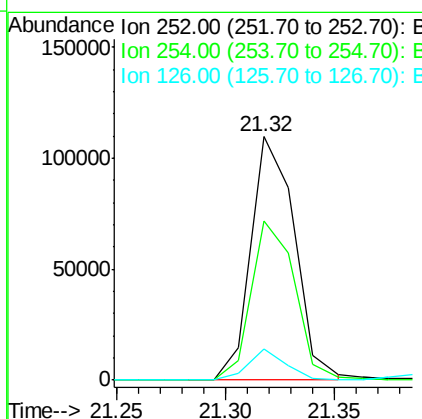
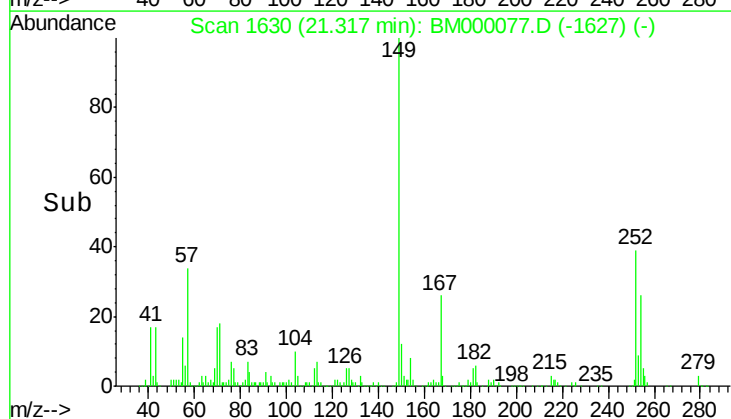
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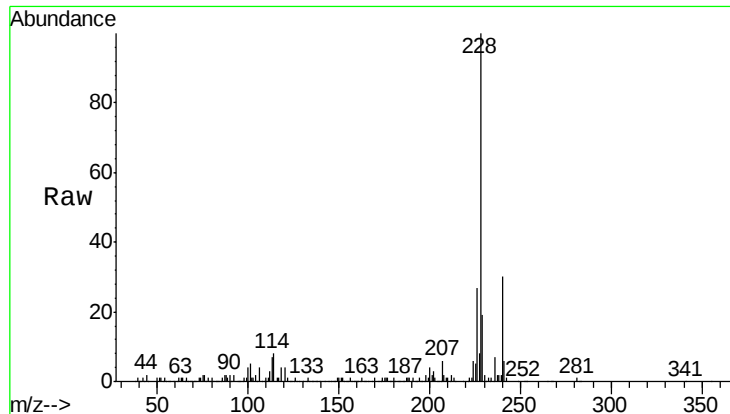
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#79
3,3'-Dichlorobenzidine
Concen: 5.93 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	153940		
254	65.5	51.2	76.8	
126	12.5	7.9	11.9#	





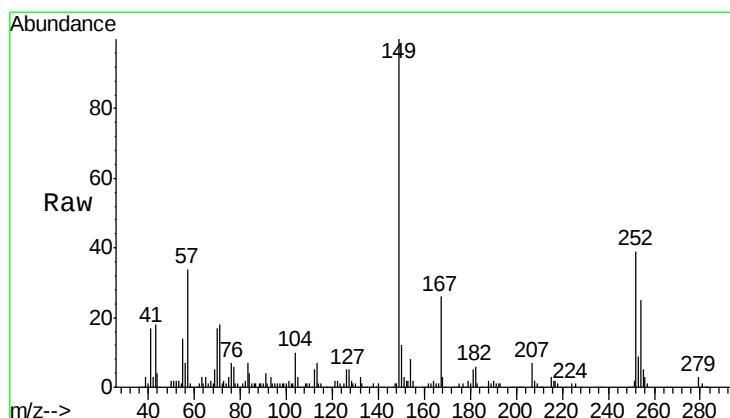
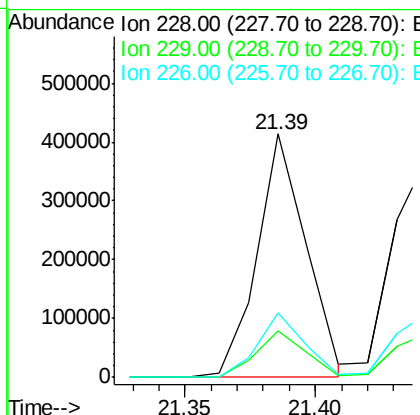
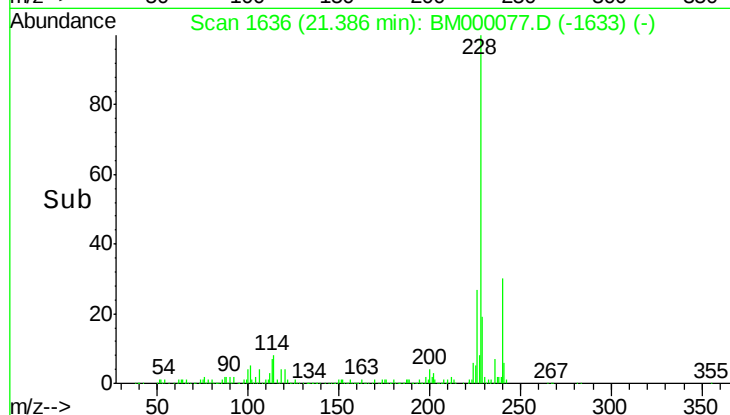
#80
Benzo(a)anthracene
Concen: 6.52 ng/ul
RT: 21.39 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.8	23.8
226	26.5	20.7	31.1

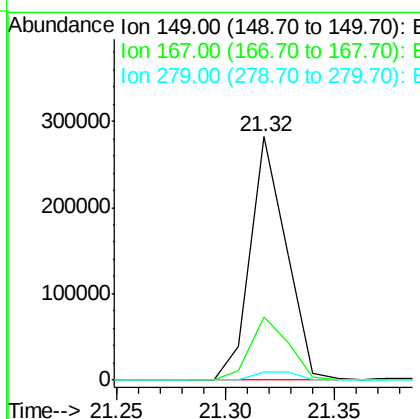
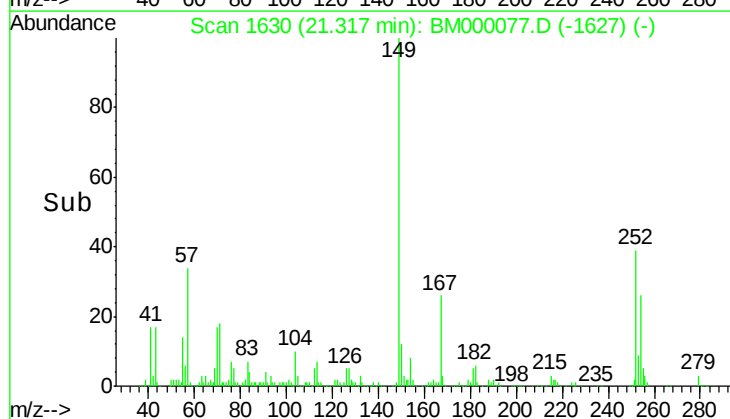
Manual Integrations
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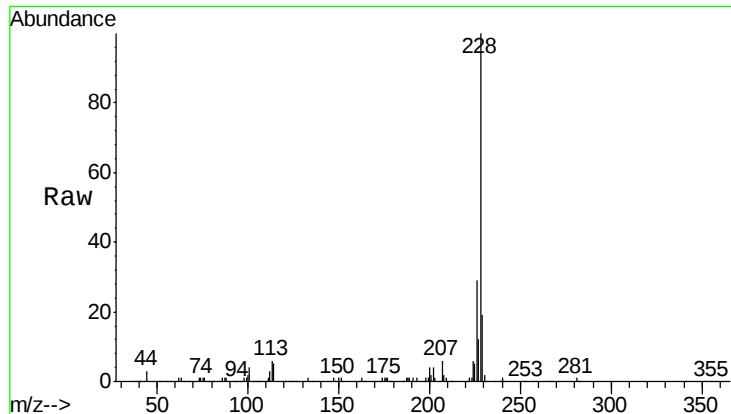
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#81
Bis(2-ethylhexyl)phthalate
Concen: 6.43 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.1	33.1
279	3.2	3.0	4.6





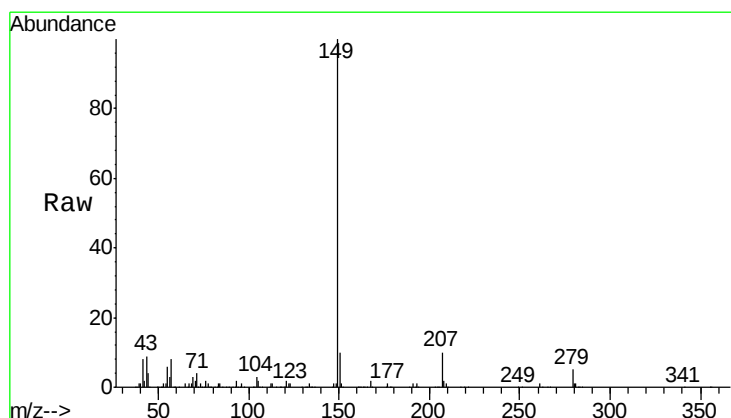
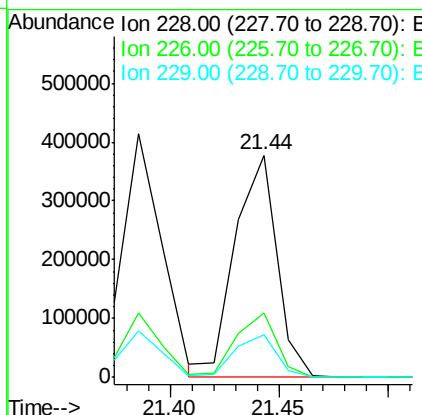
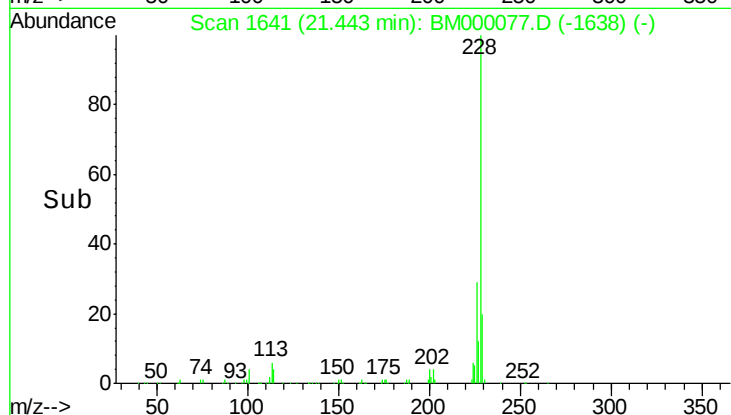
#82
Chrysene
Concen: 6.64 ng/ul
RT: 21.44 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:228 Resp: 502070
Ion Ratio Lower Upper
228 100
226 28.7 23.0 34.4
229 19.3 15.6 23.4

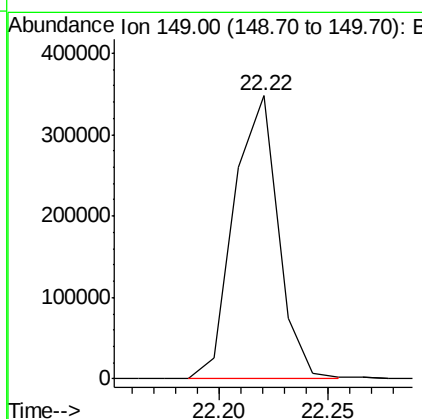
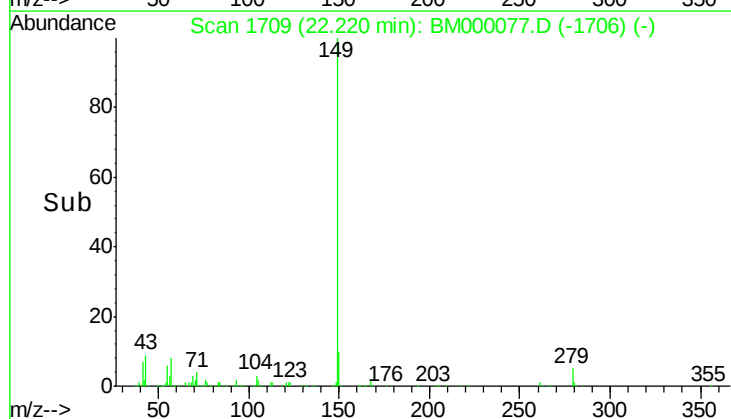
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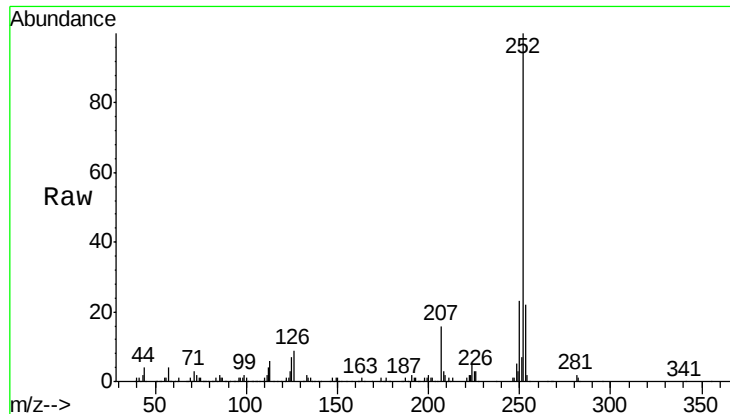
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#84
Di-n-octyl phthalate
Concen: 6.42 ng/ul
RT: 22.22 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Tgt Ion:149 Resp: 488675





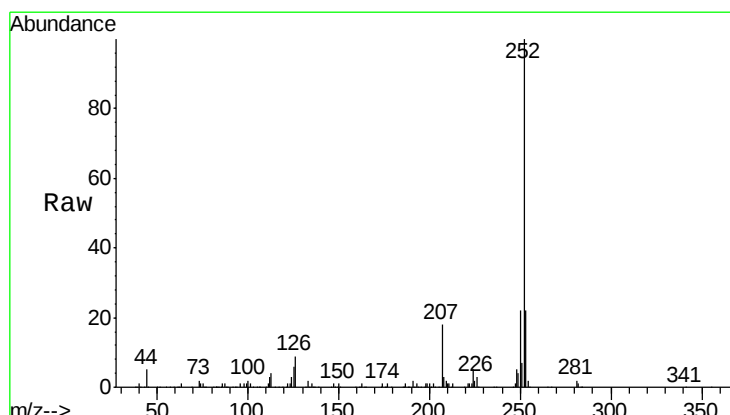
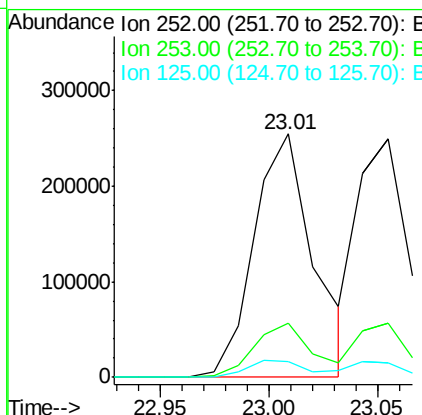
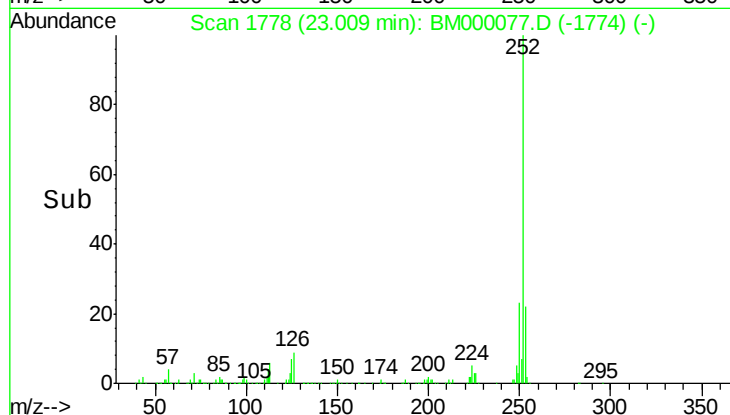
#85
Benzo(b)fluoranthene
Concen: 6.88 ng/ul
RT: 23.01 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:252 Resp: 485873
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 6.6 4.8 7.2

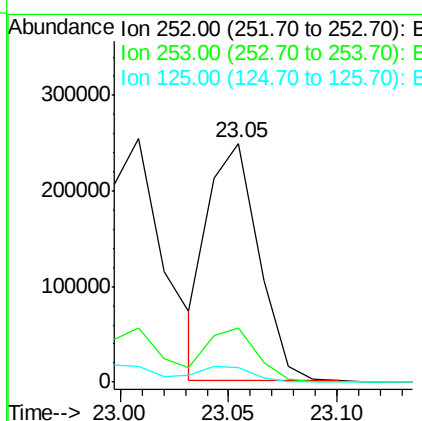
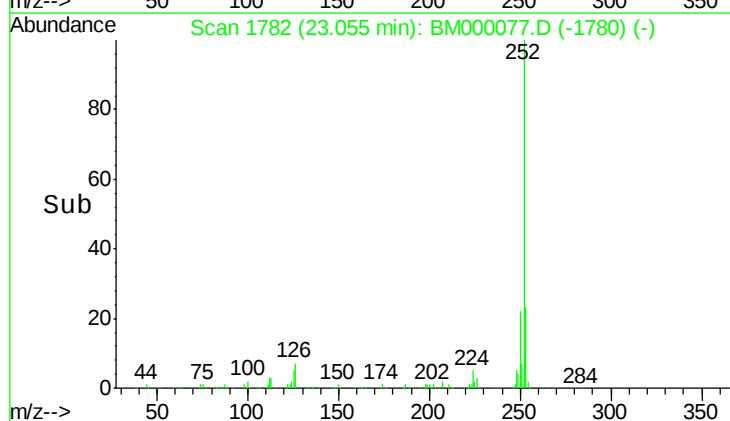
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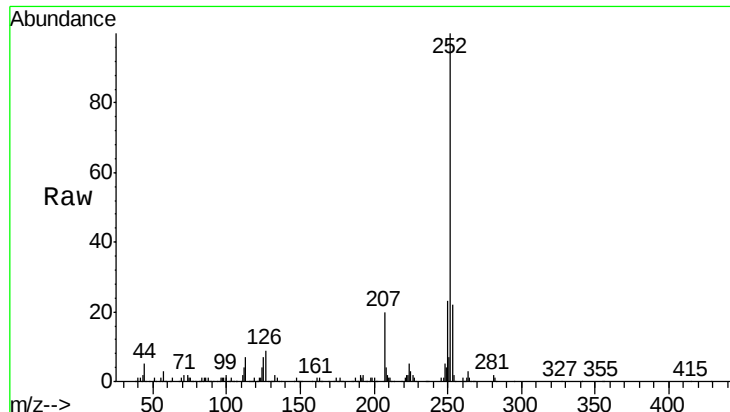
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#86
Benzo(k)fluoranthene
Concen: 6.62 ng/ul
RT: 23.05 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BM000077.D
Acq: 30 Dec 2014 02:50

Tgt Ion:252 Resp: 399453
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 6.0 4.9 7.3





#88

Benzo(a)pyrene

Concen: 6.61 ng/ul

RT: 23.60 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BM000077.D

Acq: 30 Dec 2014 02:50

Instrument :

BNA_M

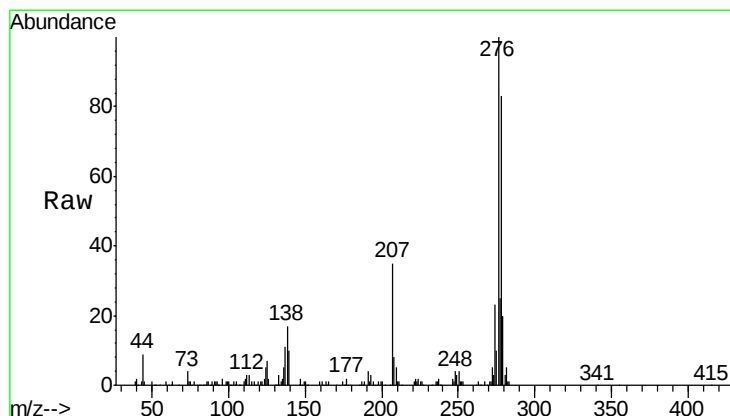
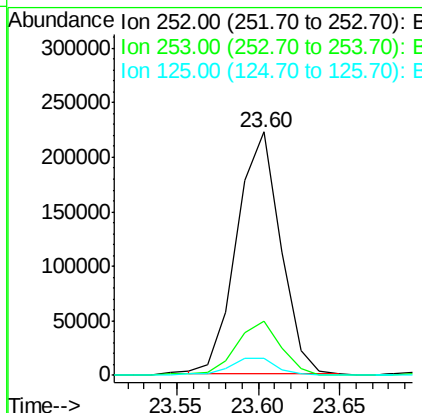
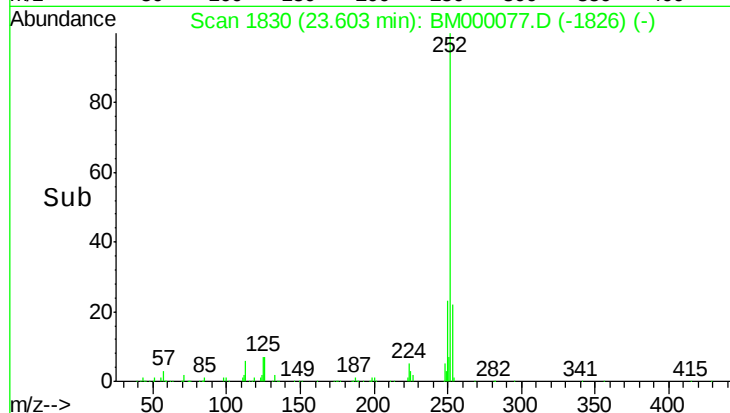
ClientSampleId :

MDL-04-S

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	7.1	5.8	8.6

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#89

Indeno(1,2,3-cd)pyrene

Concen: 6.49 ng/ul

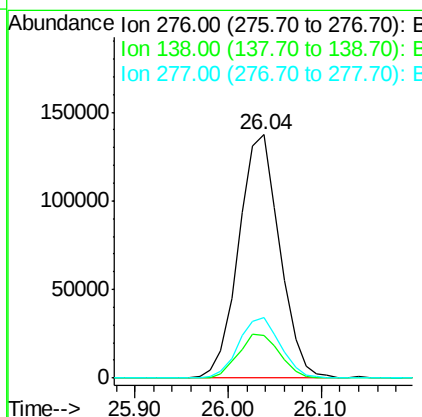
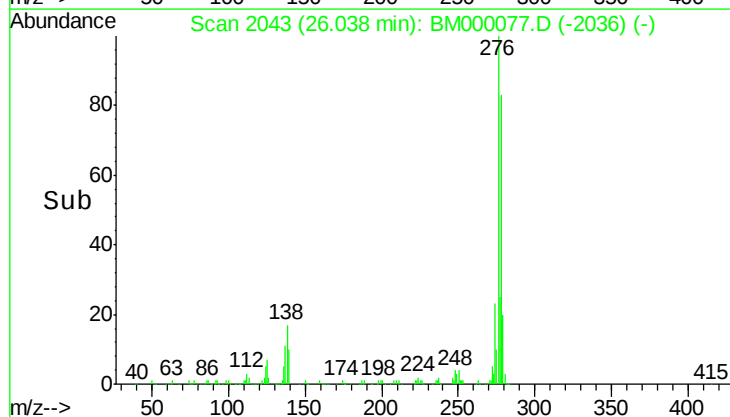
RT: 26.04 min Scan# 2043

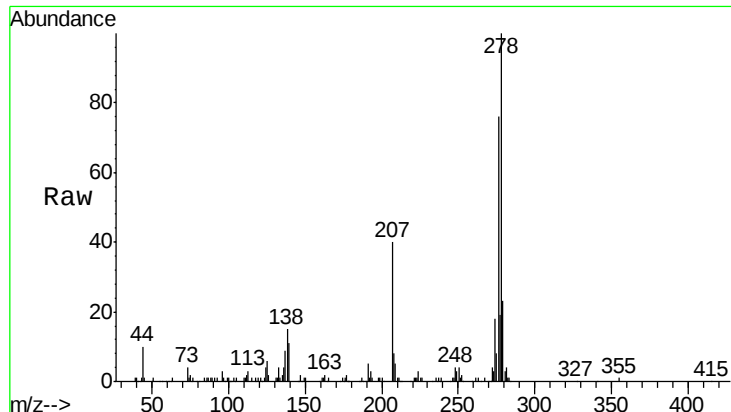
Delta R.T. -0.01 min

Lab File: BM000077.D

Acq: 30 Dec 2014 02:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	14.2	21.2
277	25.0	18.8	28.2





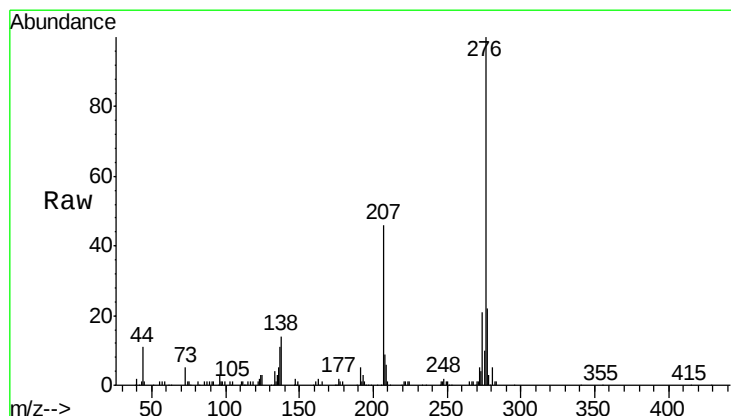
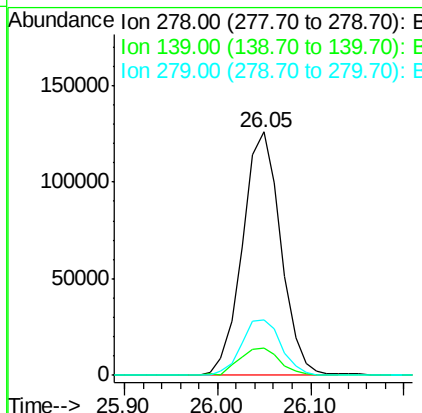
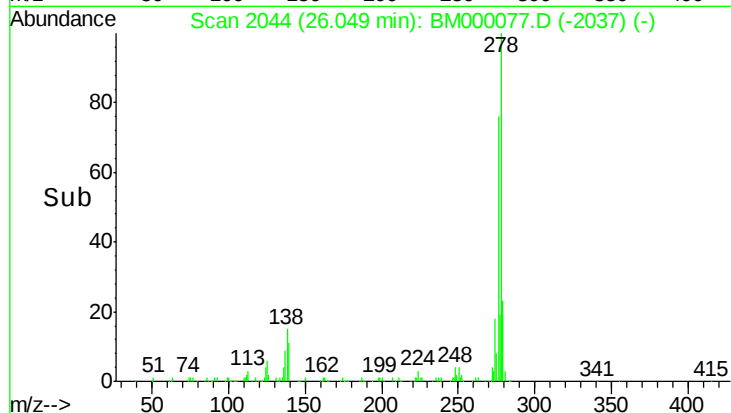
#90
 Dibenzo(a,h)anthracene
 Concen: 6.62 ng/ul
 RT: 26.05 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.4	10.2	15.2
279	22.8	19.2	28.8

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#91
 Benzo(g,h,i)perylene
 Concen: 6.64 ng/ul
 RT: 26.75 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM000077.D
 Acq: 30 Dec 2014 02:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.3	12.1	18.1
277	22.1	19.0	28.4

