

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
 Data File : BM000103.D
 Acq On : 02 Jan 2015 10:51
 Operator : TP/IZ
 Sample : MDL-01-S-ML
 Misc : MDL-01-SOIL-4PPM-ML
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S-ML

Manual Integrations
 APPROVED

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 1/6/2015 1:38:46 PM

Quant Time: Jan 03 04:48:41 2015
 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	258511	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1141792	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	827008	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	1763575	20.00	ng/ul	-0.01
75) Chrysene-d12	21.40	240	2108193	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	1907846	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	35915	8.06	ng/uL	-0.01
5) Phenol-d5	7.00	99	776340	34.67	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	482067	35.21	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	557430	34.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	621728	35.14	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	294330	37.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	332591m	41.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	615833m	34.45	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.77	131	828708	41.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2206767	36.18	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2542031	34.79	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	354978	36.03	ng/ul	0.00
57) Fluorene-d10	15.47	176	1841454	35.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	225638	25.80	ng/ul	0.00
70) Anthracene-d10	17.32	188	2951395	36.19	ng/ul	0.00
76) Pyrene-d10	19.61	212	3355334	34.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	3262298m	37.89	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	19184	3.10 ng/ul	96
4) Benzaldehyde	6.98	77	55930	4.01 ng/ul	98
6) Phenol	7.02	94	72217	3.10 ng/ul	87
8) Bis(2-Chloroethyl)ether	7.26	93	58653	3.29 ng/ul	99
10) 2-Chlorophenol	7.40	128	51603	3.09 ng/ul#	89
11) 2-Methylphenol	8.28	108	55421	3.08 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.37	45	101136	3.52 ng/ul	98
14) Acetophenone	8.65	105	95077	3.15 ng/ul	94
15) N-Nitroso-di-n-propylamine	8.64	70	51473	3.26 ng/ul	92
16) 4-Methylphenol	8.60	108	60978	3.13 ng/ul	91
17) Hexachloroethane	8.92	117	23248	3.05 ng/ul	94
20) Nitrobenzene	9.03	77	81439	3.46 ng/ul	99
21) Isophorone	9.56	82	141613	3.12 ng/ul	99
23) 2-Nitrophenol	9.75	139	30368	3.41 ng/ul	91
24) 2,4-Dimethylphenol	9.80	107	76699	3.17 ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.04	93	78663	3.11 ng/ul#	98
27) 2,4-Dichlorophenol	10.28	162	57658	3.24 ng/ul	92
28) Naphthalene	10.68	128	185788	3.19 ng/ul	97
30) 4-Chloroaniline	10.79	127	72840	3.49 ng/ul	93
31) Hexachlorobutadiene	10.96	225	43425	3.45 ng/ul	98
32) Caprolactam	11.59	113	17669m	2.99 ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	70512	3.23 ng/ul	96
34) 2-Methylnaphthalene	12.29	142	139836	3.24 ng/ul	97

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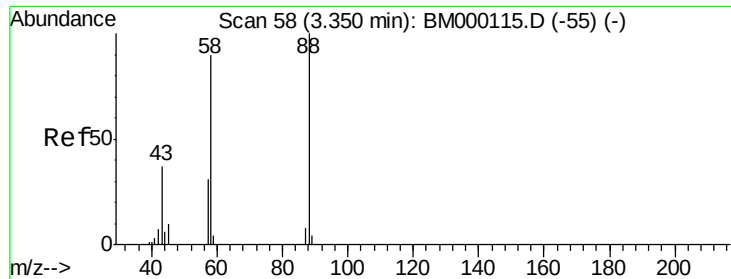
Manual Integrations
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Quant Time: Jan 03 04:48:41 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 31 02:57:11 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	75474	3.29	ng/ul	98
37) Hexachlorocyclopentadiene	12.64	237	36320	2.40	ng/ul	97
38) 2,4,6-Trichlorophenol	12.89	196	43797	2.99	ng/ul	91
39) 2,4,5-Trichlorophenol	12.96	196	49050	3.09	ng/ul	100
40) 1,1'-Biphenyl	13.31	154	189576	3.18	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	146804	3.21	ng/ul	99
42) 2-Nitroaniline	13.55	65	44924	3.03	ng/ul	98
44) Dimethylphthalate	13.92	163	205627	3.38	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	32852	3.02	ng/ul	87
47) Acenaphthylene	14.20	152	239211	3.10	ng/ul	98
48) 3-Nitroaniline	14.37	138	35745	3.21	ng/ul	92
49) Acenaphthene	14.54	153	157264	3.20	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	8016	1.45	ng/ul#	86
52) 4-Nitrophenol	14.68	109	44793	3.42	ng/ul	96
53) Dibenzofuran	14.87	168	232930	3.28	ng/ul	96
54) 2,4-Dinitrotoluene	14.83	165	54077	3.33	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.10	232	42195	3.08	ng/ul	96
56) Diethylphthalate	15.29	149	209488	3.28	ng/ul	99
58) Fluorene	15.52	166	193481	3.28	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.51	204	96259	3.31	ng/ul	96
60) 4-Nitroaniline	15.53	138	40598m	3.23	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.59	198	20692	2.31	ng/ul#	79
64) N-Nitrosodiphenylamine	15.73	169	164064	3.21	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	56410	3.14	ng/ul#	79
66) Hexachlorobenzene	16.52	284	67608	3.26	ng/ul	96
67) Atrazine	16.68	200	64523	3.20	ng/ul	98
68) Pentachlorophenol	16.86	266	29412m	2.33	ng/ul	
69) Phenanthrene	17.26	178	327304m	3.43	ng/ul	
71) Anthracene	17.35	178	320859	3.27	ng/ul	99
72) Carbazole	17.61	167	296833	3.36	ng/ul	99
73) Di-n-butylphthalate	18.17	149	346619	3.29	ng/ul#	97
74) Fluoranthene	19.27	202	396492	3.62	ng/ul	98
77) Pyrene	19.64	202	414795	3.26	ng/ul	98
78) Butylbenzylphthalate	20.54	149	155504	3.01	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.32	252	112534	2.92	ng/ul	98
80) Benzo(a)anthracene	21.39	228	406913	3.34	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	237272	3.16	ng/ul#	99
82) Chrysene	21.43	228	367897	3.28	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	408381	3.11	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	399512	3.28	ng/ul#	99
86) Benzo(k)fluoranthene	23.04	252	373375	3.59	ng/ul	98
88) Benzo(a)pyrene	23.60	252	368085	3.44	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	371369	3.33	ng/ul	98
90) Dibenzo(a,h)anthracene	26.04	278	318331	3.39	ng/ul	99
91) Benzo(g,h,i)perylene	26.74	276	303117	3.31	ng/ul	99

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



#2

1,4-Dioxane

Concen: 3.10 ng/uL

RT: 3.35 min Scan# 58

Delta R.T. -0.01 min

Lab File: BM000103.D

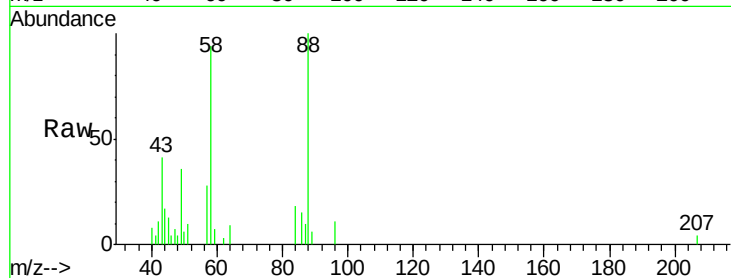
Acq: 02 Jan 2015 10:51

Instrument :

BNA_M

ClientSampleId :

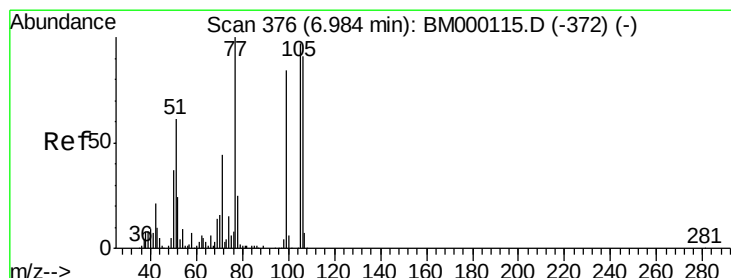
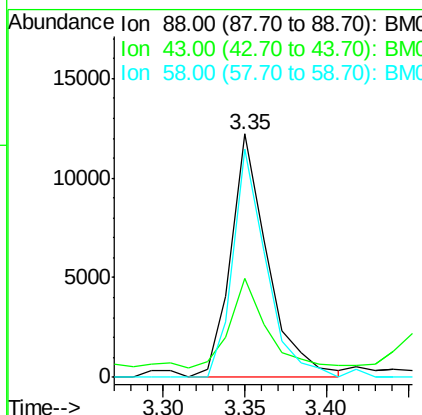
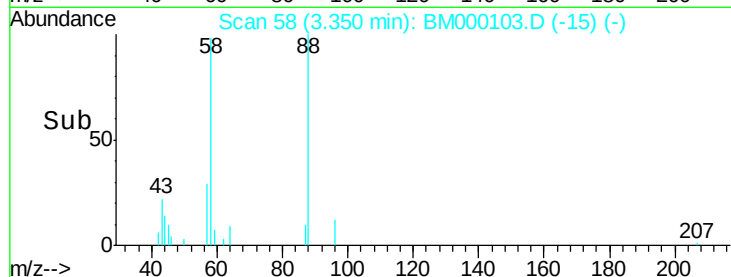
MDL-01-S-ML



Tgt Ion:	88	Resp:	19184
Ion Ratio	Lower	Upper	
88	100		
43	36.7	34.9	52.3
58	84.4	67.3	100.9

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#4

Benzaldehyde

Concen: 4.01 ng/uL

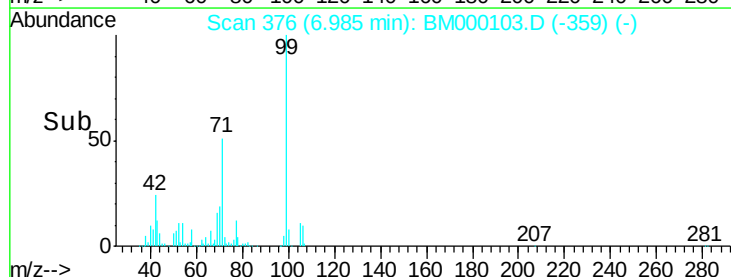
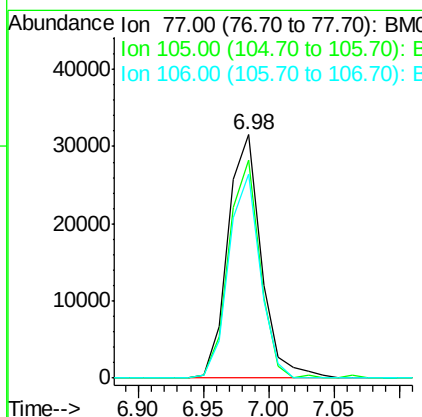
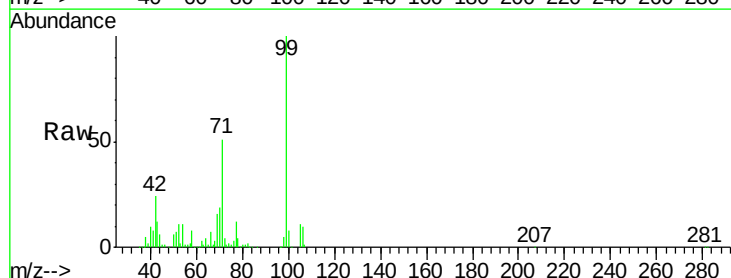
RT: 6.98 min Scan# 376

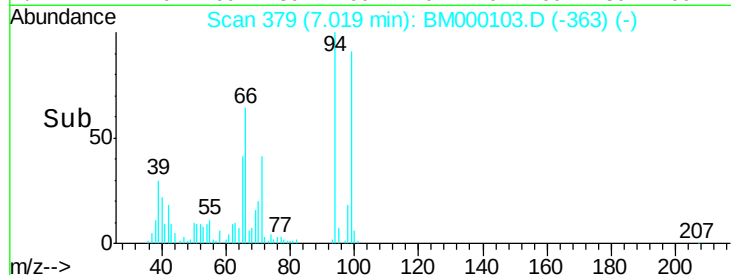
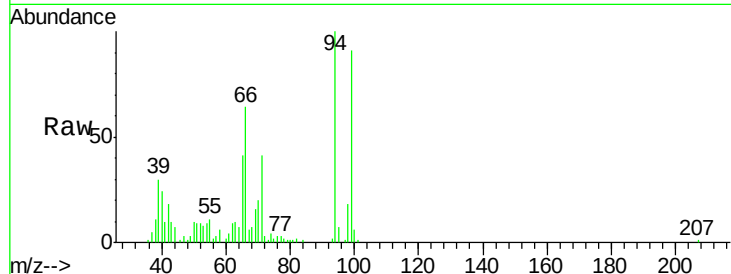
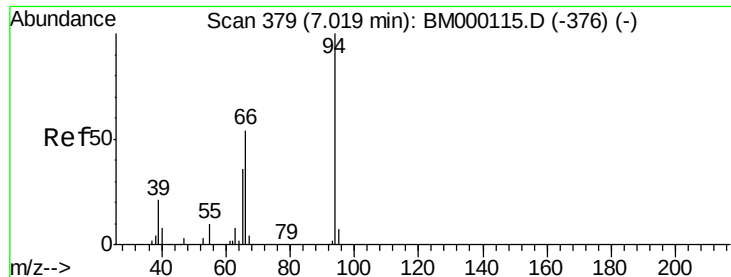
Delta R.T. -0.00 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Tgt Ion:	77	Resp:	55930
Ion Ratio	Lower	Upper	
77	100		
105	89.4	73.5	110.3
106	84.0	67.9	101.9





#6

Phenol

Concen: 3.10 ng/ul

RT: 7.02 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Tgt Ion:	94	Resp:	72217
Ion	Ratio	Lower	Upper
94	100		
65	40.6	27.4	41.0
66	63.7	42.5	63.7

Instrument :

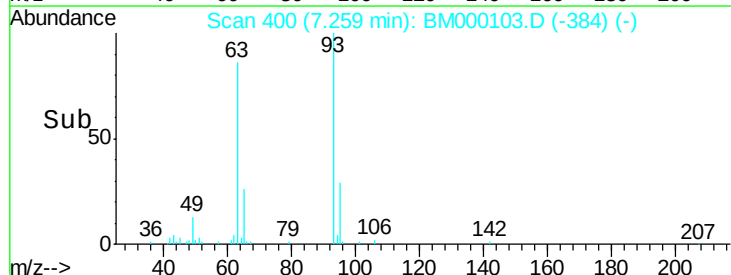
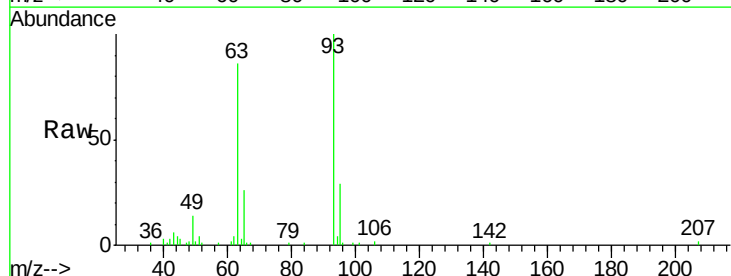
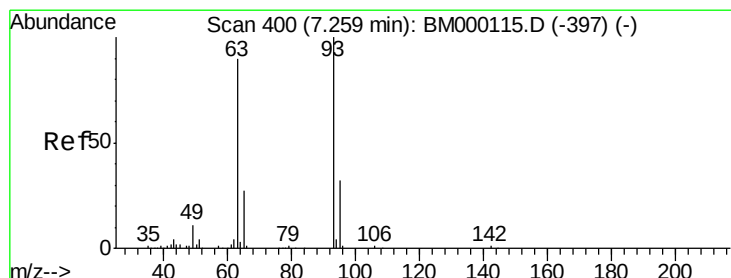
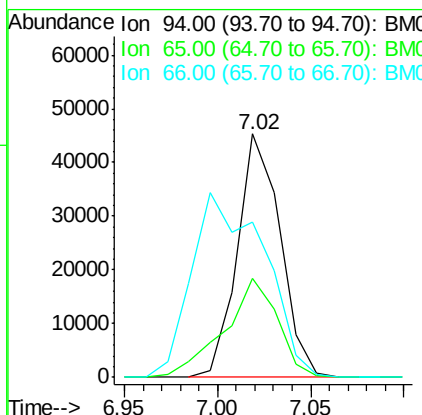
BNA_M

ClientSampleId :

MDL-01-S-ML

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#8

Bis(2-Chloroethyl)ether

Concen: 3.29 ng/ul

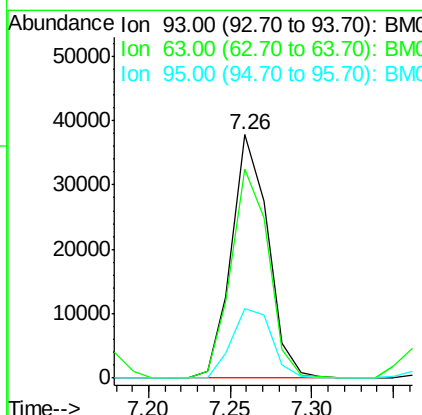
RT: 7.26 min Scan# 400

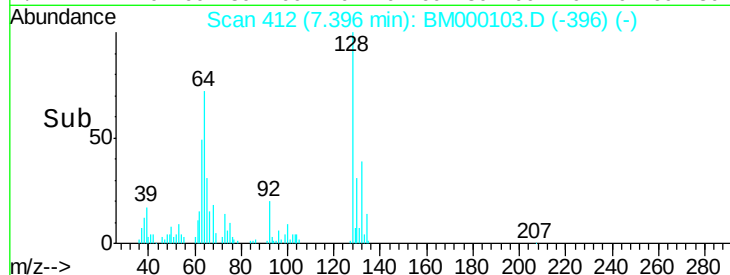
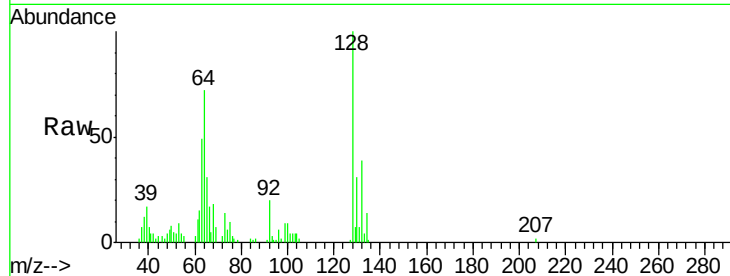
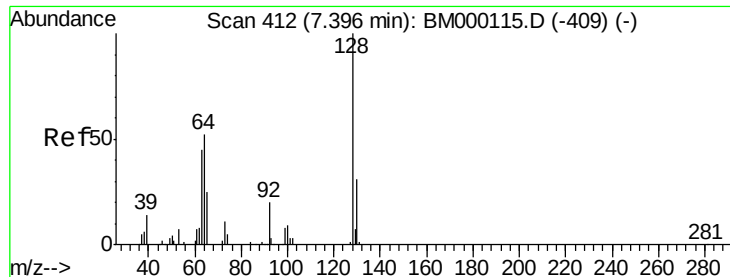
Delta R.T. -0.01 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Tgt Ion:	93	Resp:	58653
Ion	Ratio	Lower	Upper
93	100		
63	85.7	68.9	103.3
95	28.6	24.6	37.0





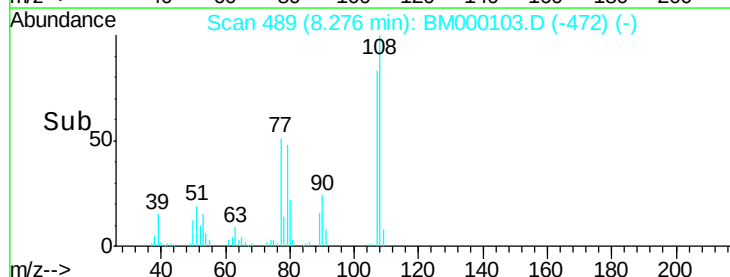
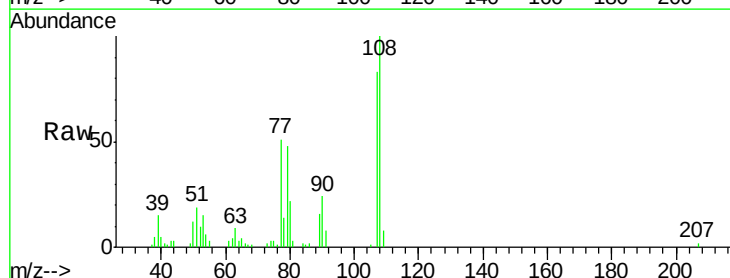
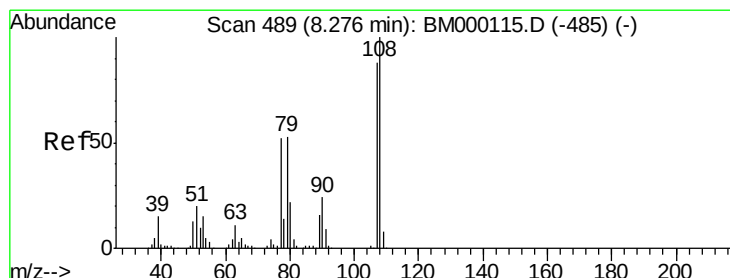
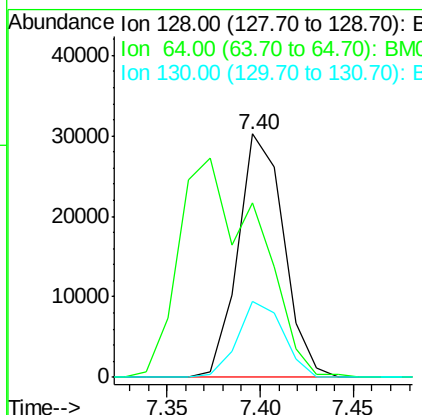
#10
2-Chlorophenol
Concen: 3.09 ng/ul
RT: 7.40 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Lower	Upper
128	100		
64	71.5	47.2	70.8#
130	31.2	25.2	37.8

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

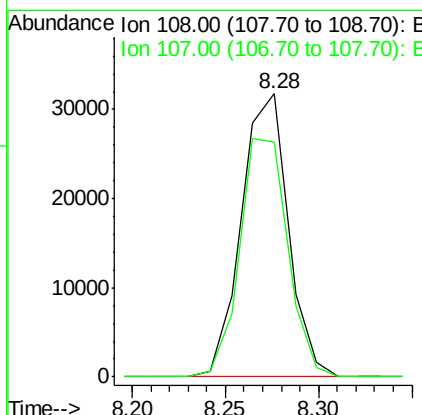
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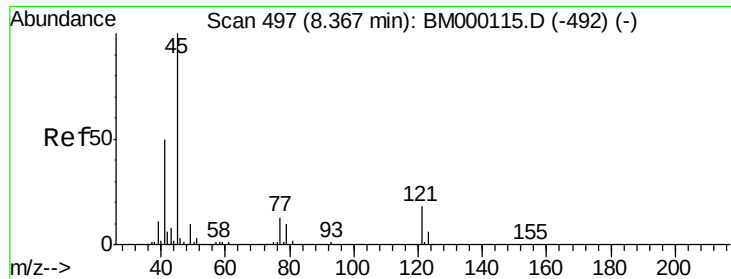
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#11
2-Methylphenol
Concen: 3.08 ng/ul
RT: 8.28 min Scan# 489
Delta R.T. -0.00 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Lower	Upper
108	100		
107	83.1	70.7	106.1





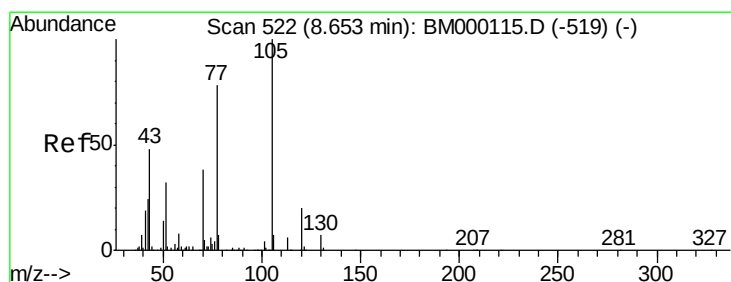
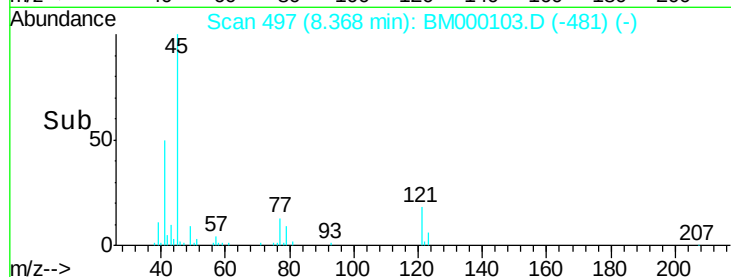
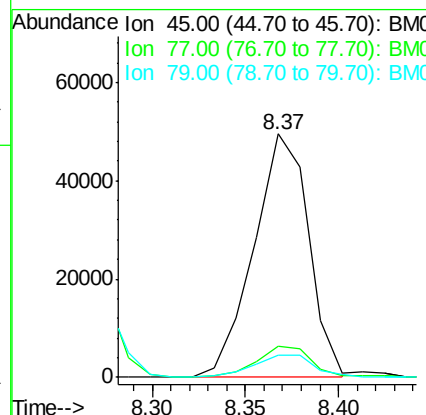
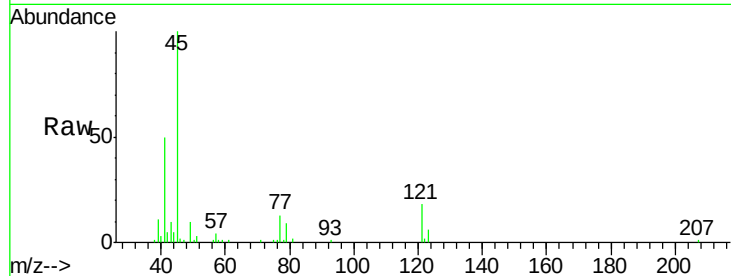
#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.52 ng/ul
RT: 8.37 min Scan# 497
Delta R.T. -0.01 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Instrument :
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MDL-01-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
45	100		
77	12.9	9.9	14.9
79	9.1	8.3	12.5

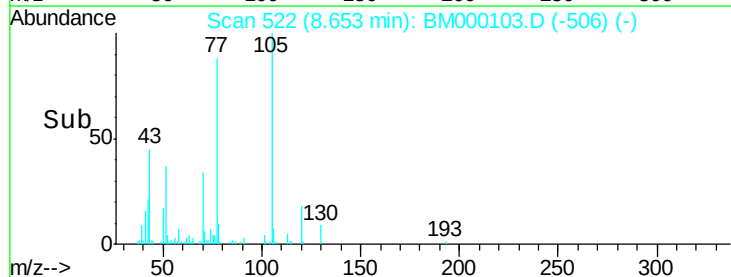
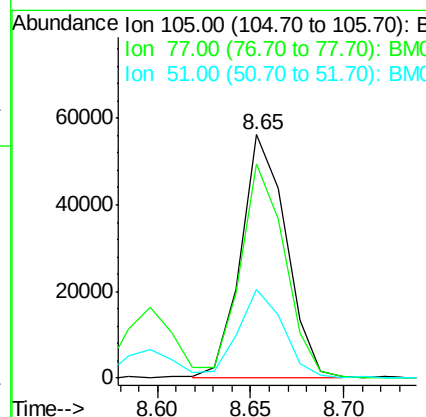
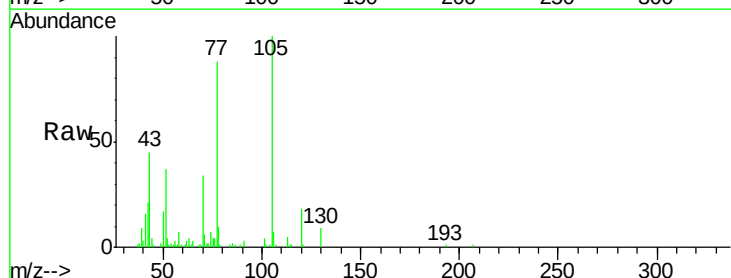
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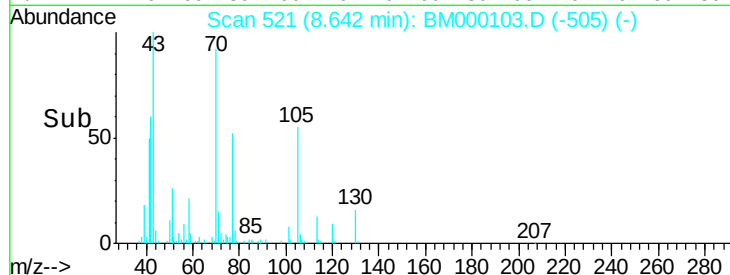
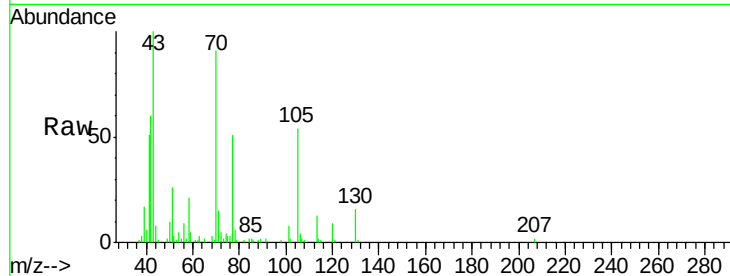
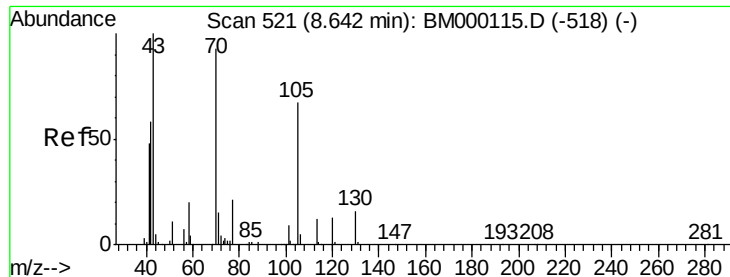
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#14
Acetophenone
Concen: 3.15 ng/ul
RT: 8.65 min Scan# 522
Delta R.T. -0.01 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
77	88.0	66.3	99.5
51	36.7	26.5	39.7





#15

N-Nitroso-di-n-propylamine

Concen: 3.26 ng/ul

RT: 8.64 min Scan# 521

Delta R.T. -0.01 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Instrument :

BNA_M

ClientSampleId :

MDL-01-S-ML

Tgt Ion: 70 Resp: 51473

Ion Ratio Lower Upper

70 100

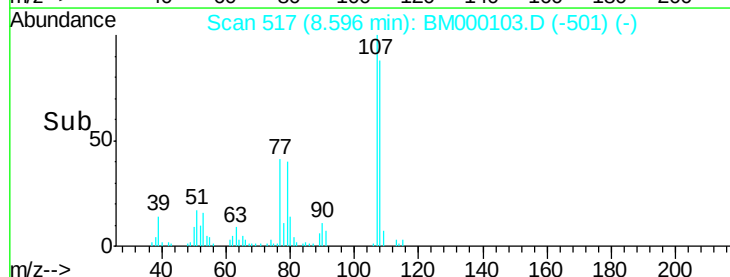
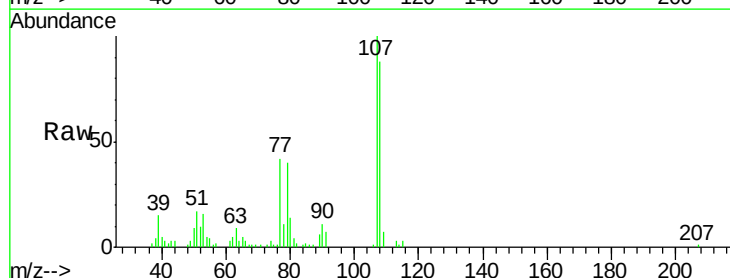
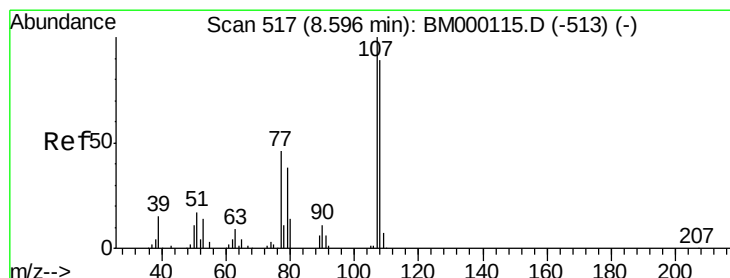
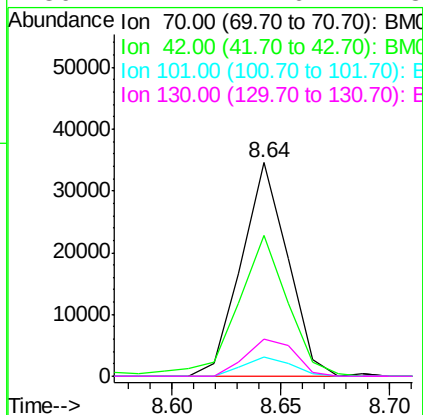
42 65.9 46.4 69.6

101 9.1 7.8 11.8

130 17.2 14.6 21.8

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#16

4-Methylphenol

Concen: 3.13 ng/ul

RT: 8.60 min Scan# 517

Delta R.T. -0.01 min

Lab File: BM000103.D

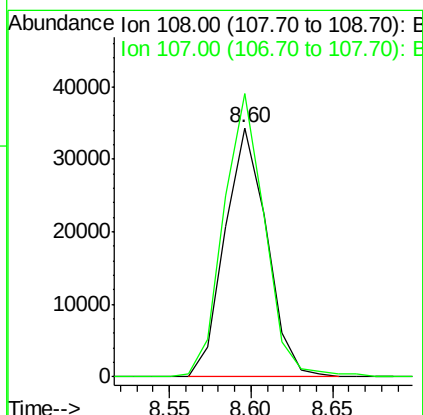
Acq: 02 Jan 2015 10:51

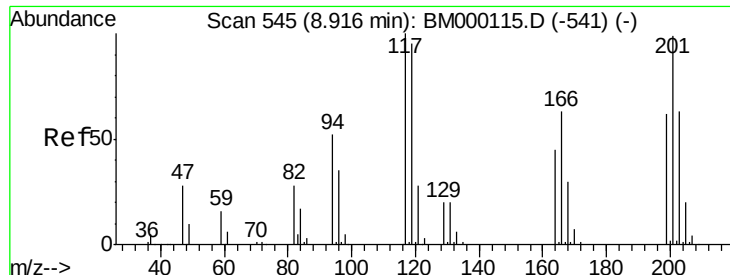
Tgt Ion: 108 Resp: 60978

Ion Ratio Lower Upper

108 100

107 113.8 84.0 126.0





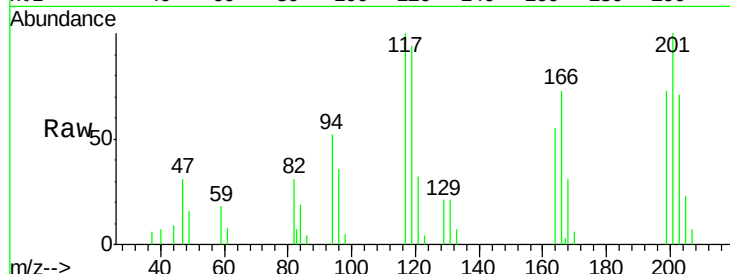
#17
Hexachloroethane
Concen: 3.05 ng/ul
RT: 8.92 min Scan# 545
Delta R.T. -0.01 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

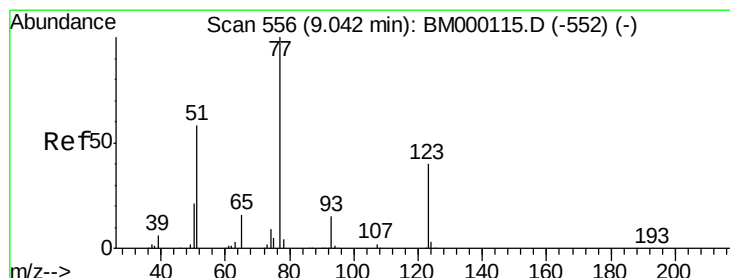
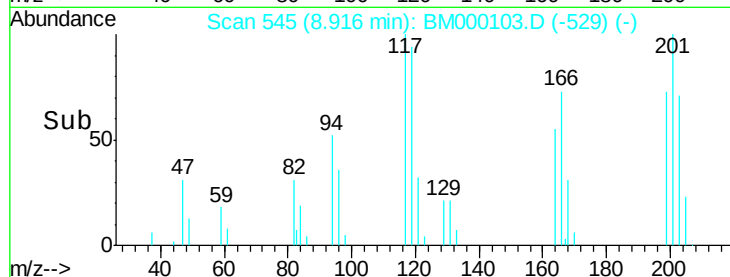
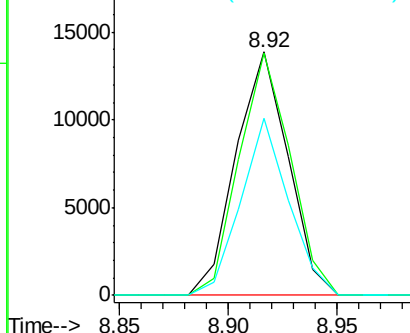
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	23248		
201	99.7	85.2	127.8	
199	72.8	55.1	82.7	

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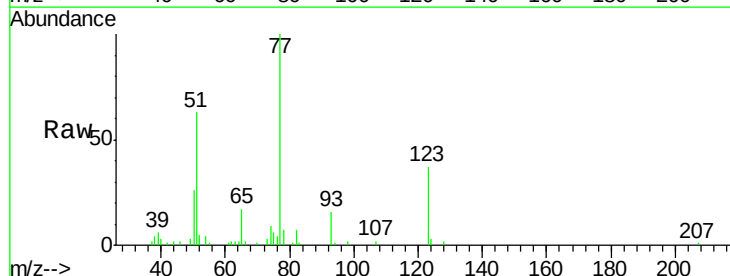


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

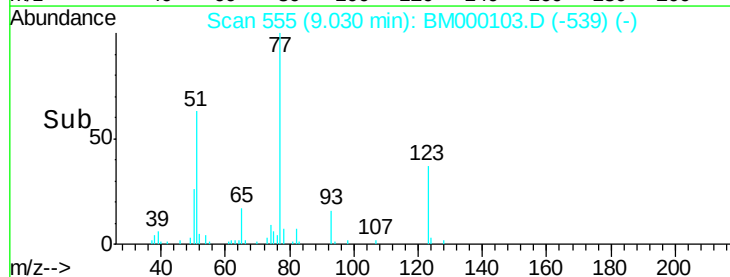
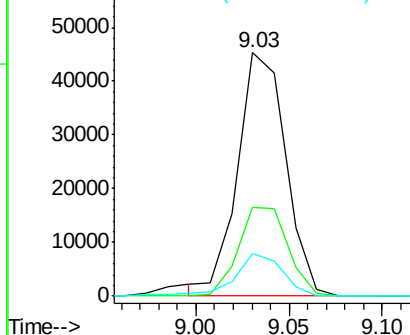


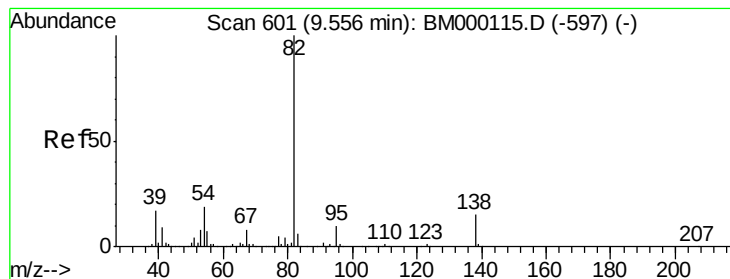
#20
Nitrobenzene
Concen: 3.46 ng/ul
RT: 9.03 min Scan# 555
Delta R.T. -0.01 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	81439		
123	36.5	29.2	43.8	
65	17.4	12.4	18.6	



Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 3.12 ng/ul

RT: 9.56 min Scan# 601

Delta R.T. -0.01 min

Lab File: BM000103.D

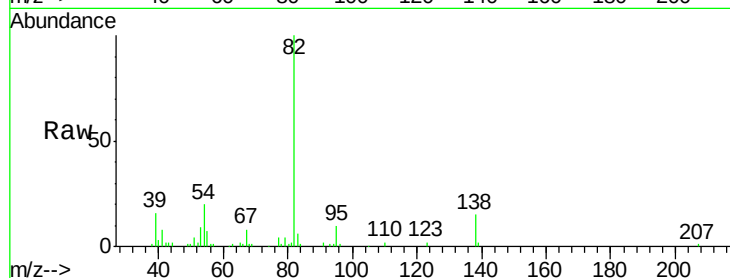
Acq: 02 Jan 2015 10:51

Instrument :

BNA_M

ClientSampleId :

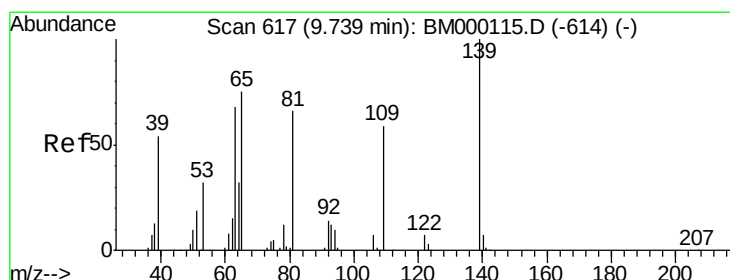
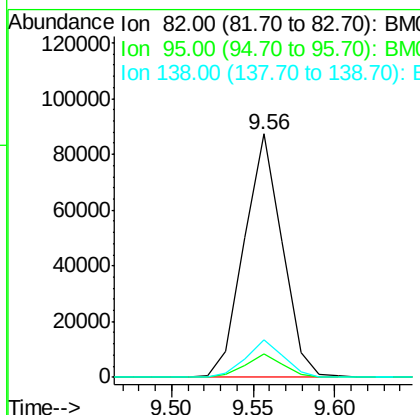
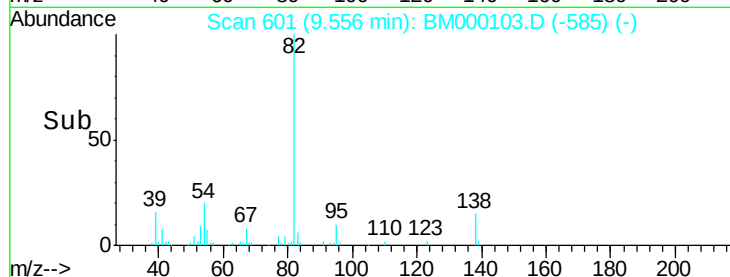
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	141613		
95	9.7	6.9	10.3	
138	15.2	12.1	18.1	

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#23

2-Nitrophenol

Concen: 3.41 ng/ul

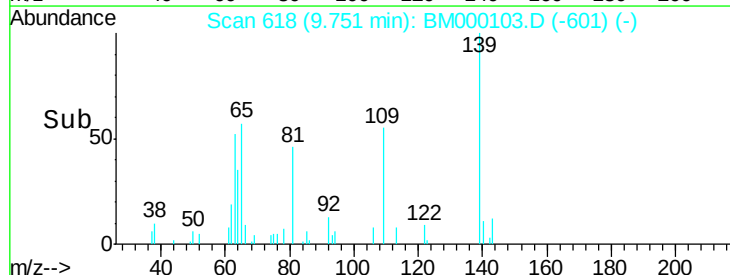
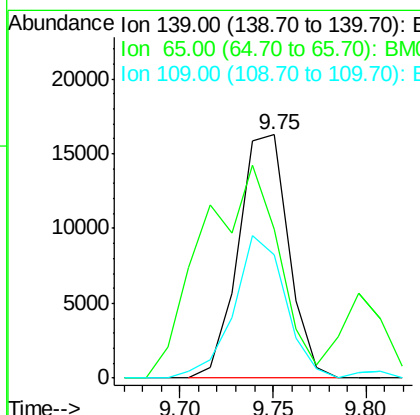
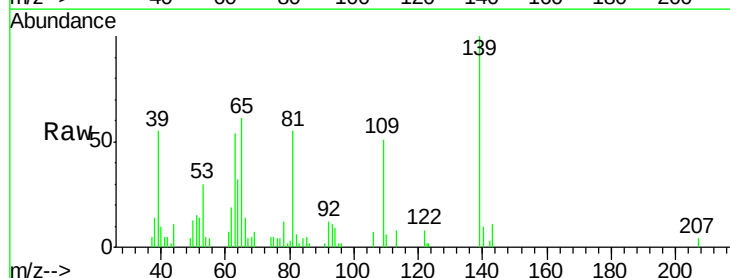
RT: 9.75 min Scan# 618

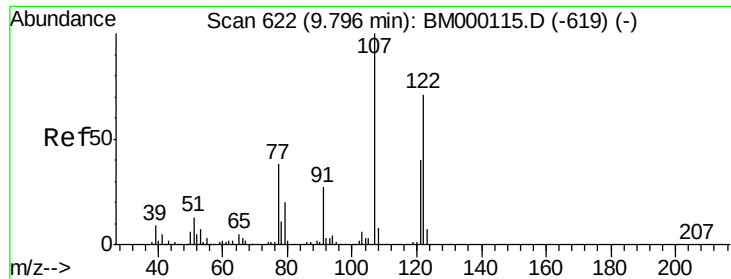
Delta R.T. -0.00 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	30368		
65	61.4	56.3	84.5	
109	50.6	37.1	55.7	





#24

2,4-Dimethylphenol

Concen: 3.17 ng/ul

RT: 9.80 min Scan# 622

Delta R.T. -0.01 min

Lab File: BM000103.D

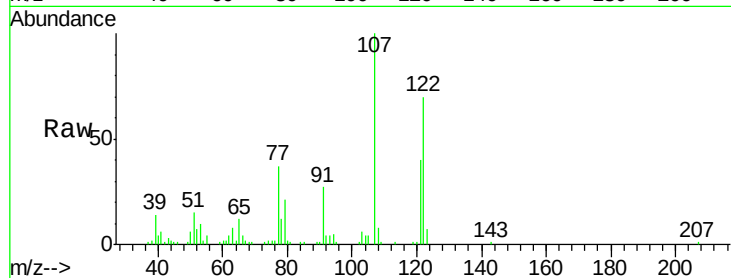
Acq: 02 Jan 2015 10:51

Instrument :

BNA_M

ClientSampleId :

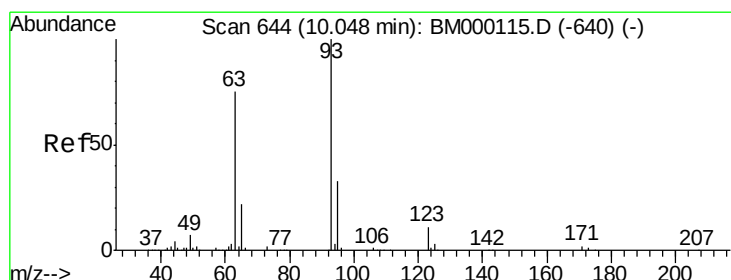
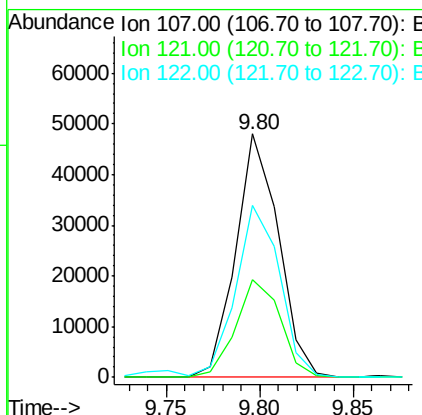
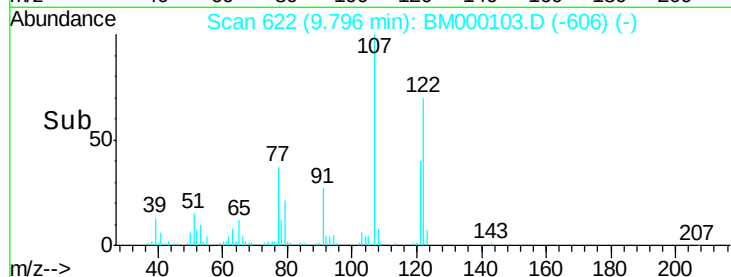
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Tgt Ion:	107	Resp:	76699
Ion Ratio	Lower	Upper	
107	100		
121	39.9	33.0	49.6
122	70.4	59.3	88.9

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#25

Bis(2-Chloroethoxy)methane

Concen: 3.11 ng/ul

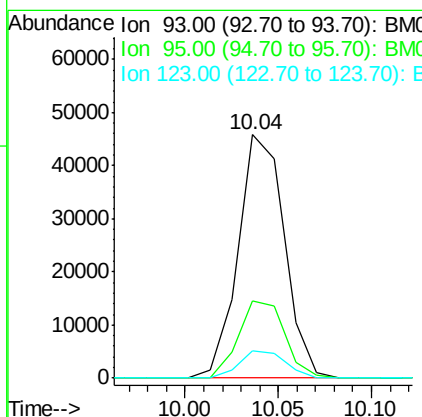
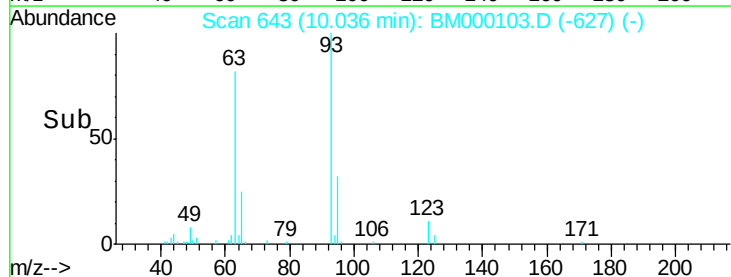
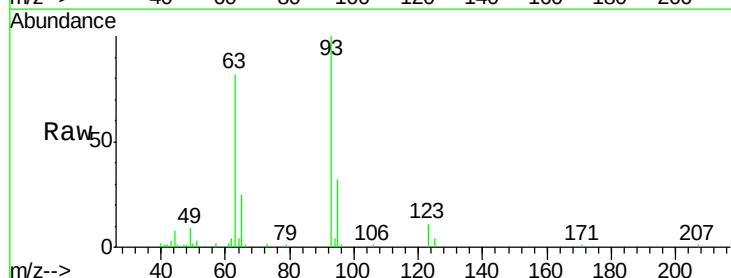
RT: 10.04 min Scan# 643

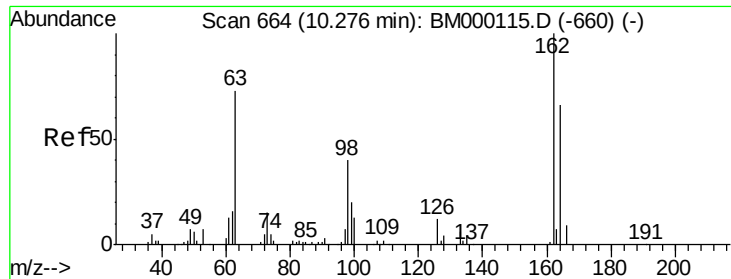
Delta R.T. -0.01 min

Lab File: BM000103.D

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Tgt Ion:	93	Resp:	78663
Ion Ratio	Lower	Upper	
93	100		
95	31.9	26.1	39.1
123	11.2	7.4	11.2#





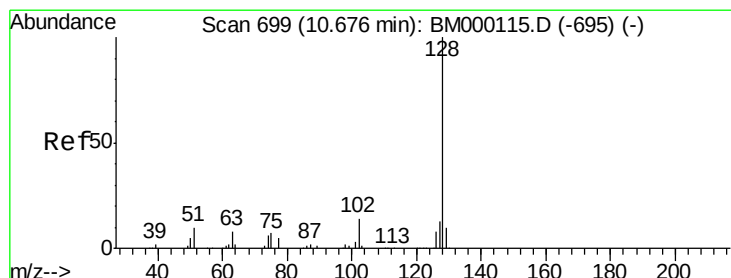
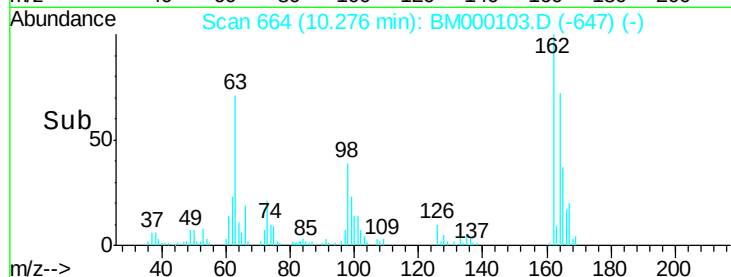
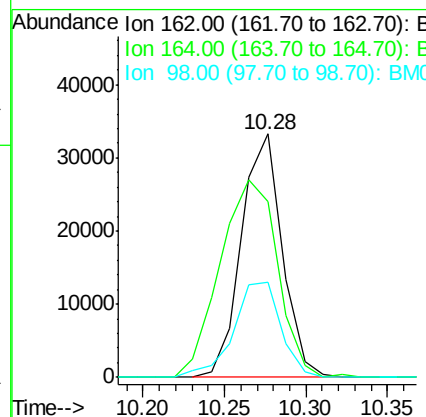
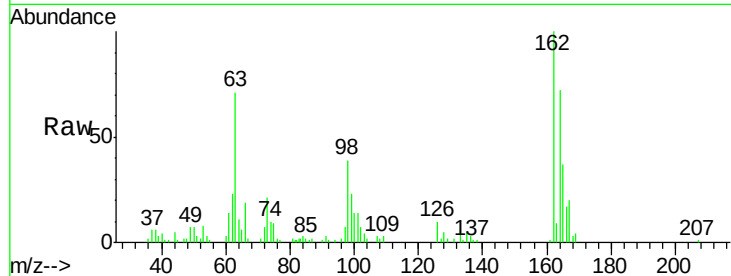
#27
2,4-Dichlorophenol
Concen: 3.24 ng/ul
RT: 10.28 min Scan# 664
Delta R.T. -0.00 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
162	100	57658		
164	72.5	50.2	75.4	
98	39.3	31.4	47.2	

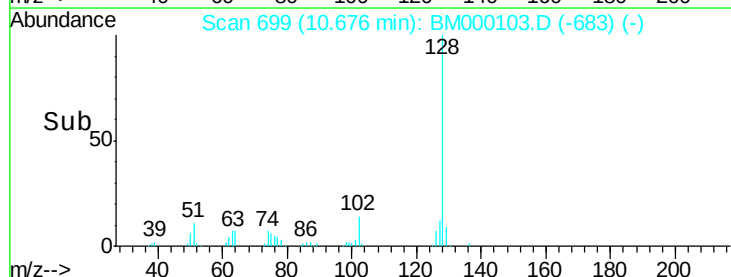
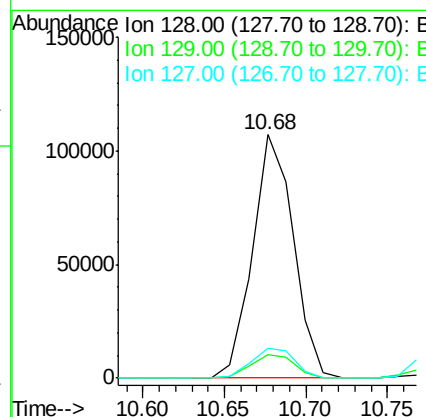
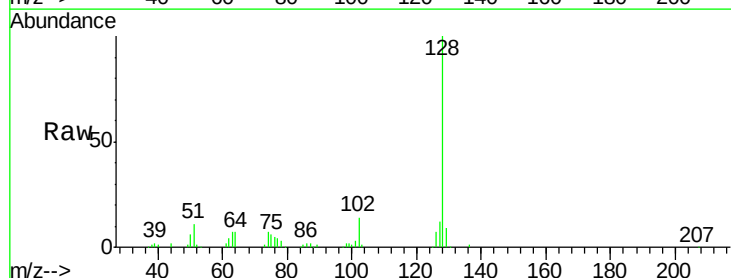
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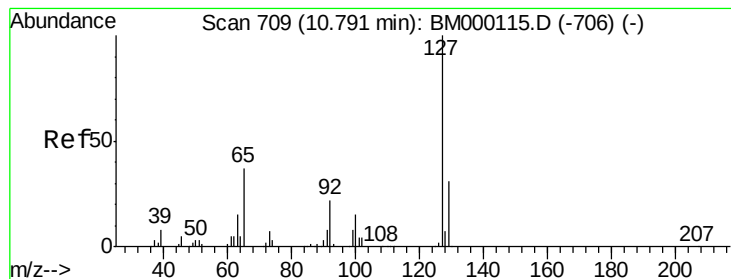
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#28
Naphthalene
Concen: 3.19 ng/ul
RT: 10.68 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	185788		
129	9.4	8.6	13.0	
127	12.3	10.3	15.5	





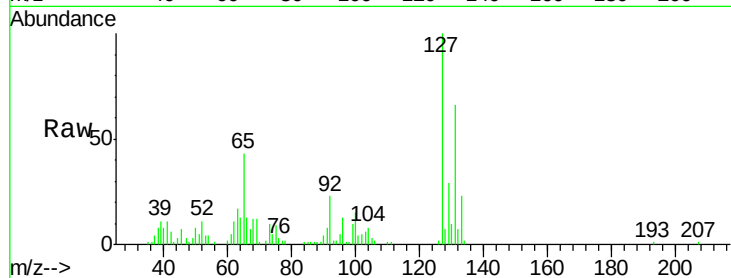
#30
4-Chloroaniline
Concen: 3.49 ng/ul
RT: 10.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

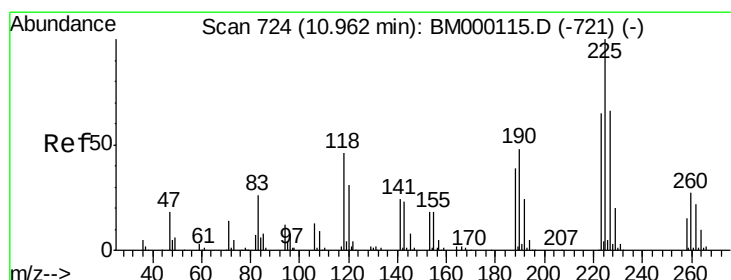
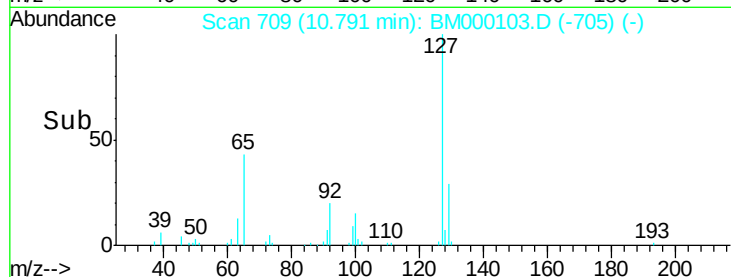
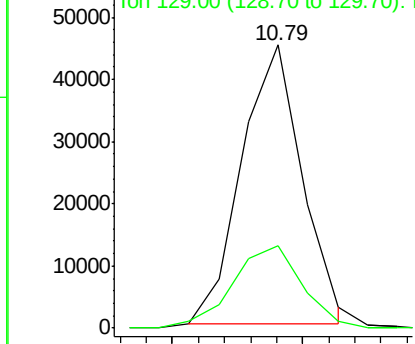
Tgt Ion:127 Resp: 72840
Ion Ratio Lower Upper
127 100
129 29.0 26.5 39.7

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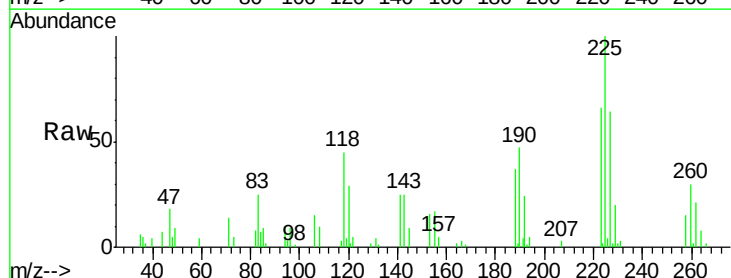


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

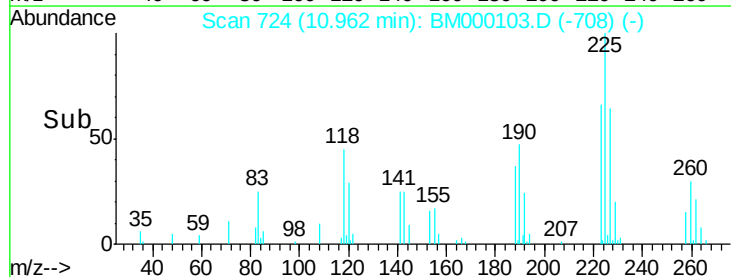
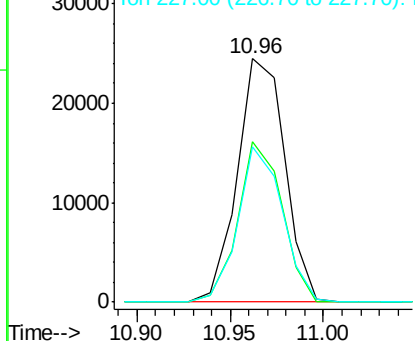


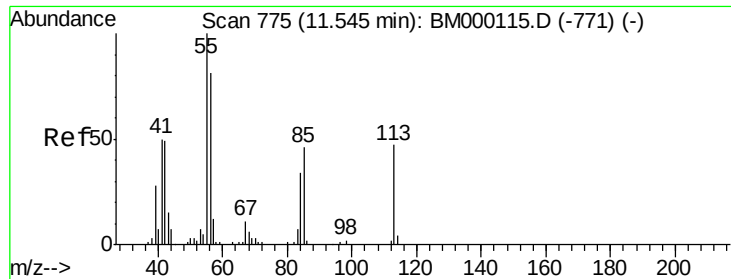
#31
Hexachlorobutadiene
Concen: 3.45 ng/ul
RT: 10.96 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Tgt Ion:225 Resp: 43425
Ion Ratio Lower Upper
225 100
223 65.9 54.4 81.6
227 63.8 51.8 77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





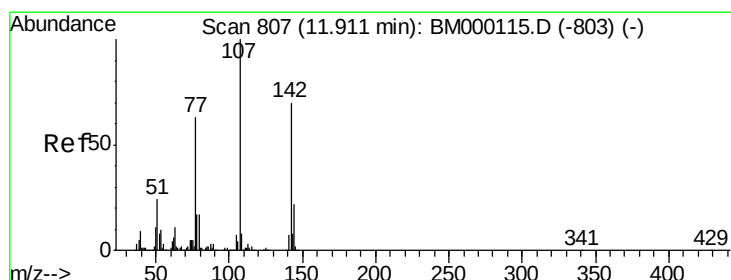
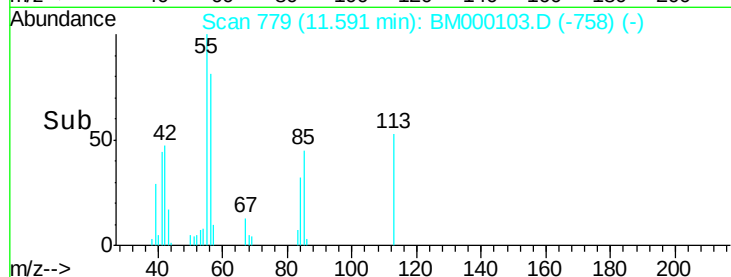
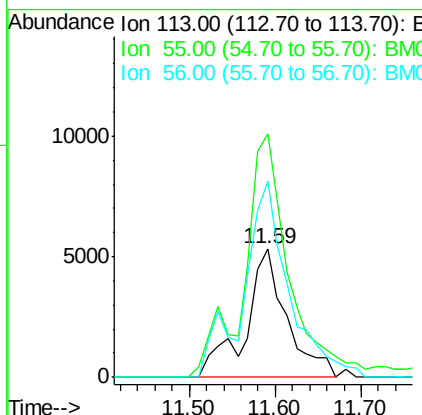
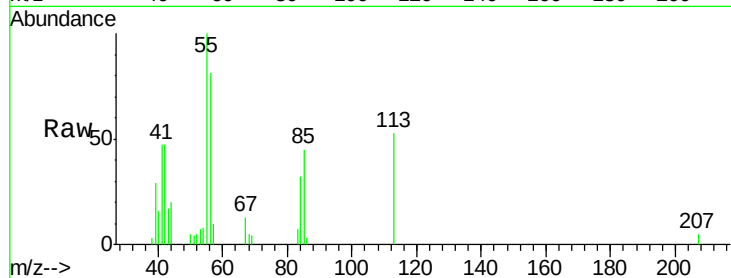
#32
 Caprolactam
 Concen: 2.99 ng/ul m
 RT: 11.59 min Scan# 779
 Delta R.T. 0.05 min
 Lab File: BM000103.D
 Acq: 02 Jan 2015 10:51

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Lower	Upper
113	100		
55	189.5	156.6	234.8
56	152.6	126.3	189.5

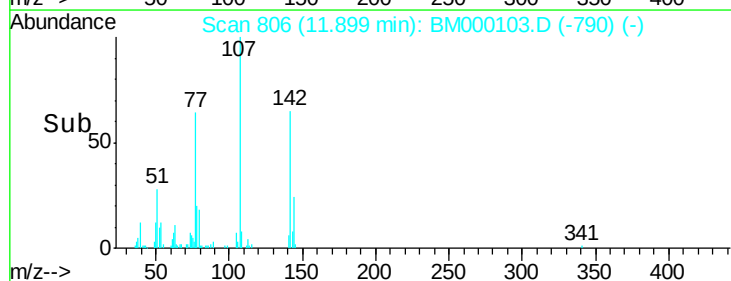
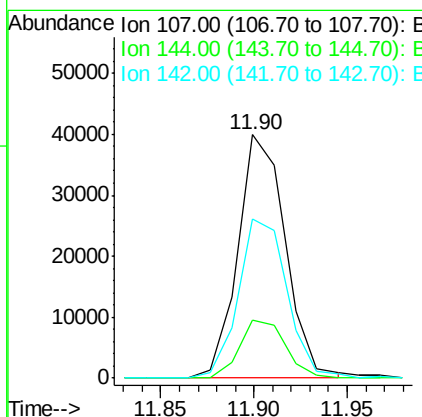
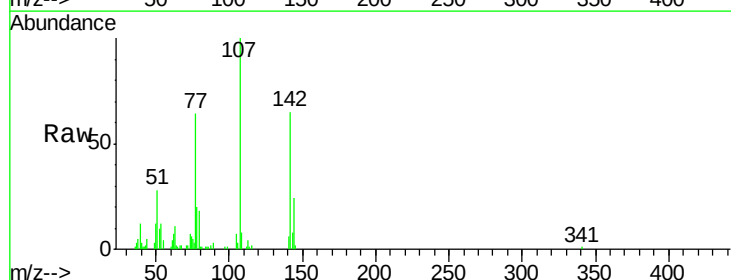
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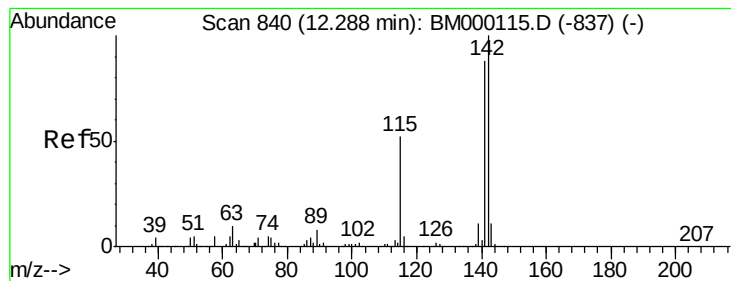
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#33
 4-Chloro-3-methylphenol
 Concen: 3.23 ng/ul
 RT: 11.90 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BM000103.D
 Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	16.6	24.8
142	65.2	54.6	82.0





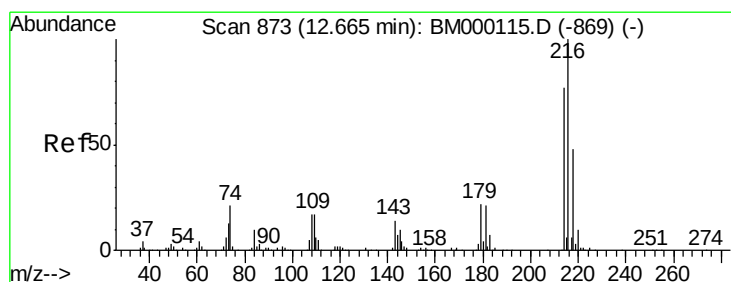
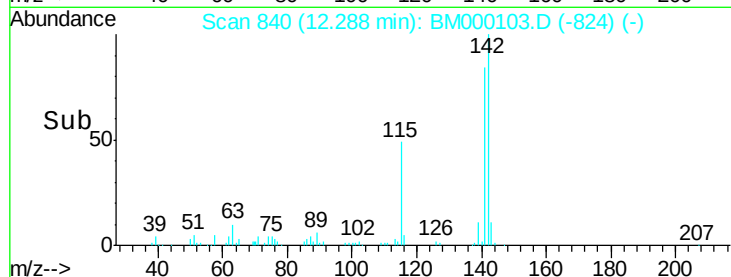
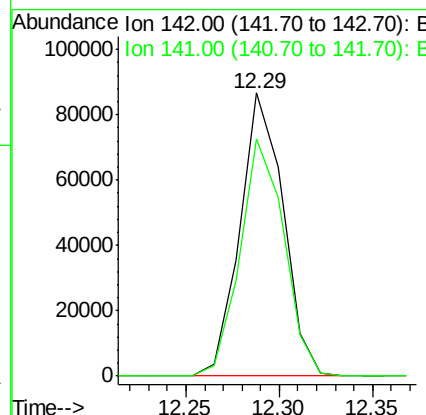
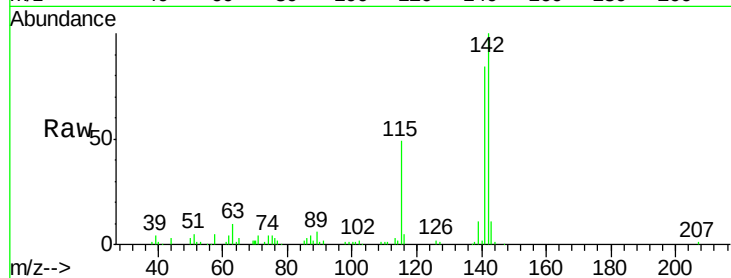
#34
 2-Methylnaphthalene
 Concen: 3.24 ng/ul
 RT: 12.29 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BM000103.D
 Acq: 02 Jan 2015 10:51

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.9	69.3	103.9

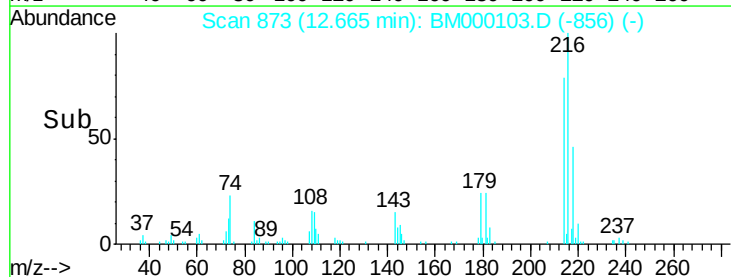
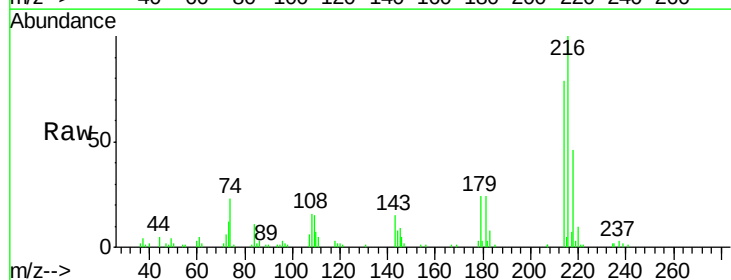
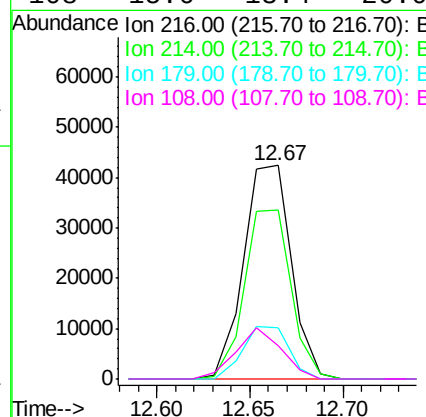
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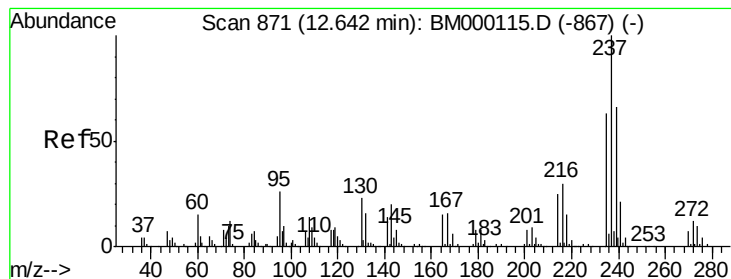
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.29 ng/ul
 RT: 12.67 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BM000103.D
 Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.6	94.0
179	24.0	17.4	26.2
108	15.6	13.4	20.0





#37

Hexachlorocyclopentadiene

Concen: 2.40 ng/ul

RT: 12.64 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Instrument :

BNA_M

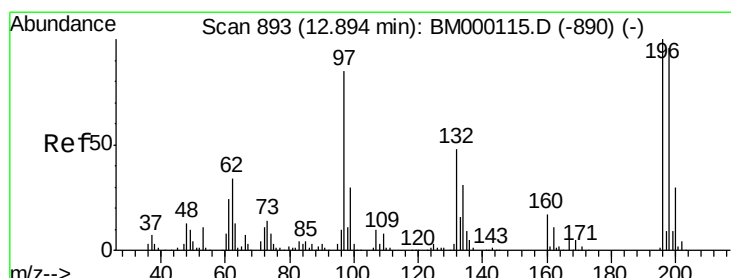
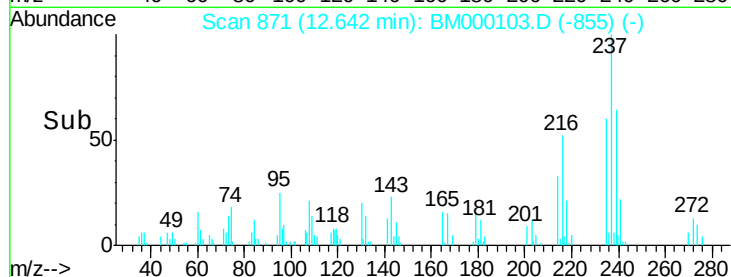
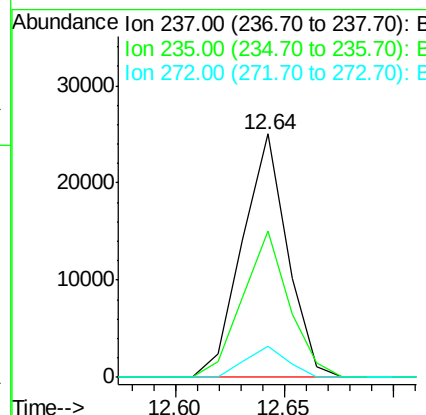
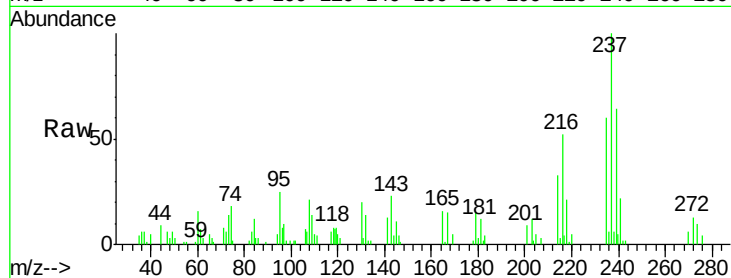
ClientSampleId :

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Tgt Ion:	237	Resp:	36320
Ion Ratio		Lower	Upper
237	100		
235	60.3	50.0	75.0
272	12.8	8.9	13.3

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#38

2,4,6-Trichlorophenol

Concen: 2.99 ng/ul

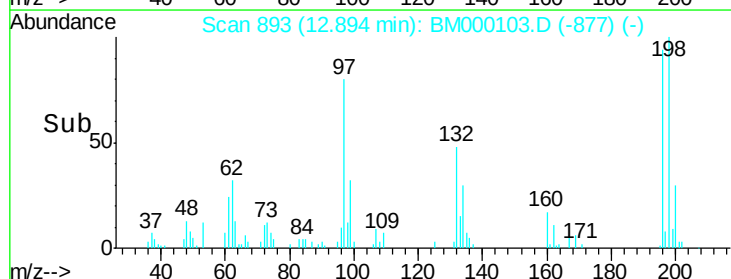
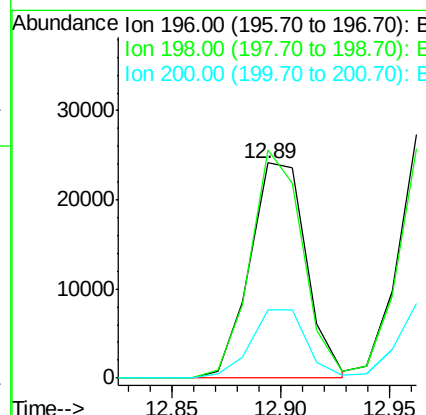
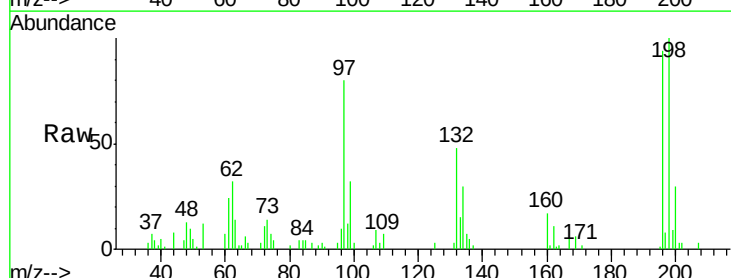
RT: 12.89 min Scan# 893

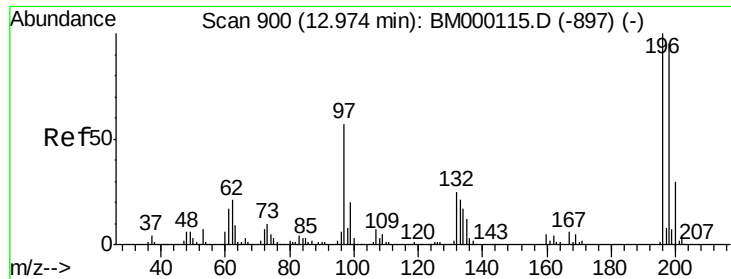
Delta R.T. -0.01 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Tgt Ion:	196	Resp:	43797
Ion Ratio		Lower	Upper
196	100		
198	106.2	76.6	114.8
200	31.9	24.5	36.7





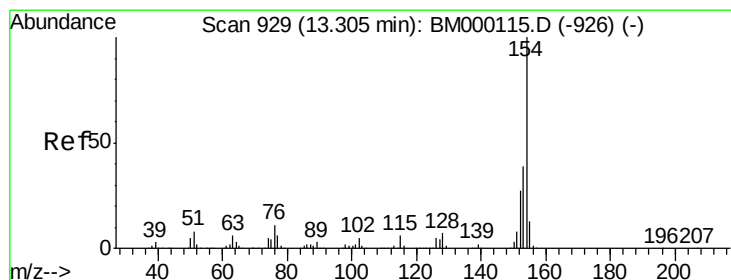
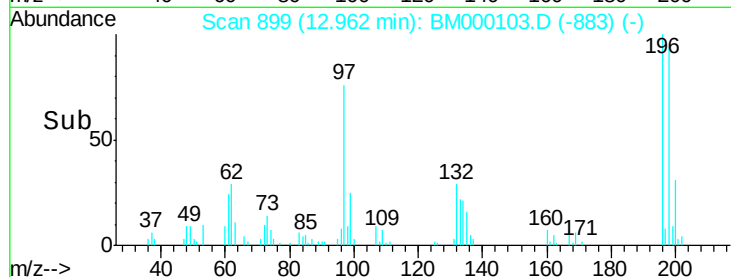
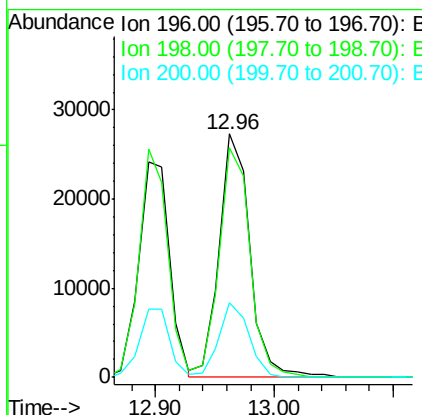
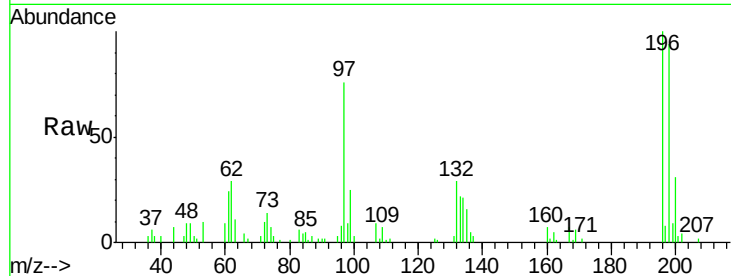
#39
 2,4,5-Trichlorophenol
 Concen: 3.09 ng/ul
 RT: 12.96 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BM000103.D
 Acq: 02 Jan 2015 10:51

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	49050		
198	94.4	75.4	113.2	
200	30.8	25.0	37.4	

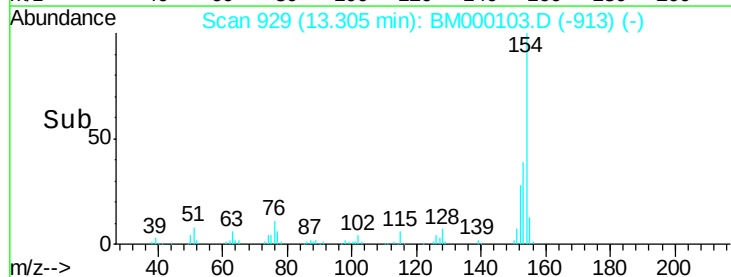
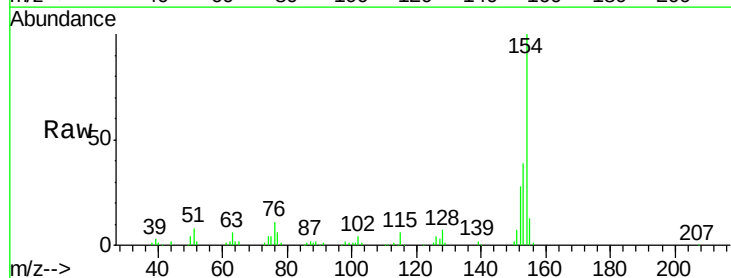
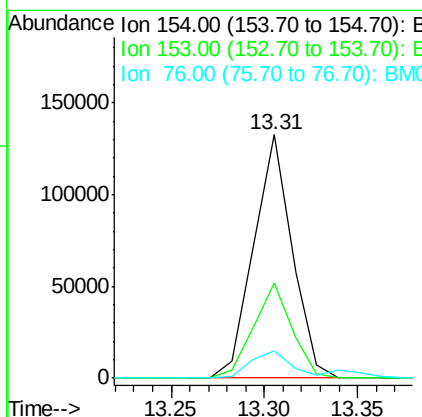
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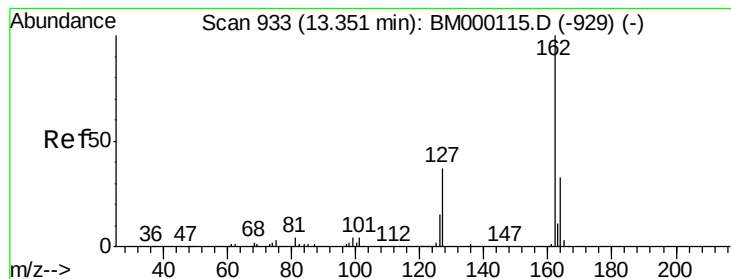
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#40
 1,1'-Biphenyl
 Concen: 3.18 ng/ul
 RT: 13.31 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BM000103.D
 Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	189576		
153	39.1	30.5	45.7	
76	11.3	8.9	13.3	





#41

2-Chloronaphthalene

Concen: 3.21 ng/ul

RT: 13.34 min Scan# 932

Delta R.T. -0.01 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Instrument :

BNA_M

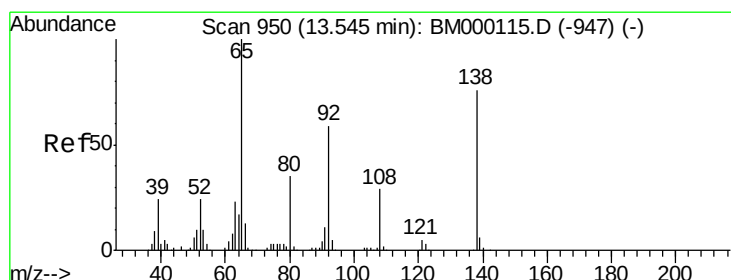
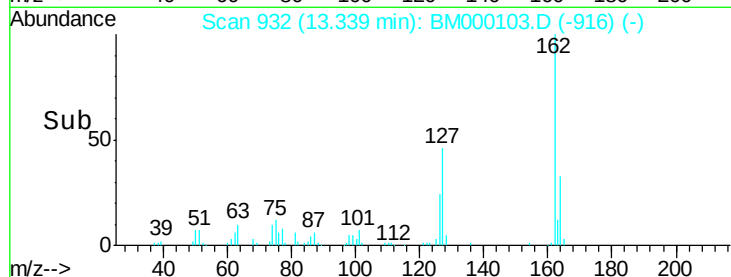
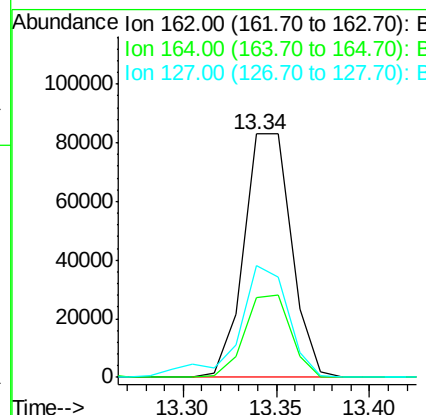
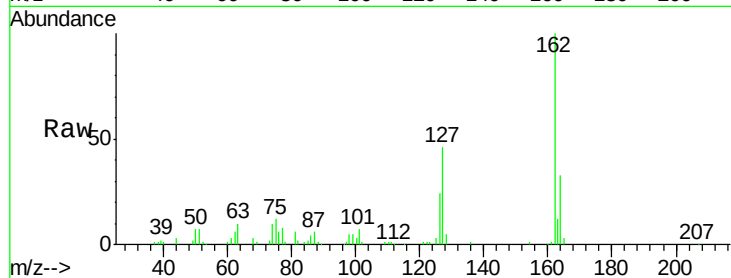
ClientSampleId :

MDL-01-S-ML

Tgt Ion:	162	Resp:	146804
Ion Ratio	Lower	Upper	
162	100		
164	32.6	25.8	38.6
127	46.1	35.9	53.9

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#42

2-Nitroaniline

Concen: 3.03 ng/ul

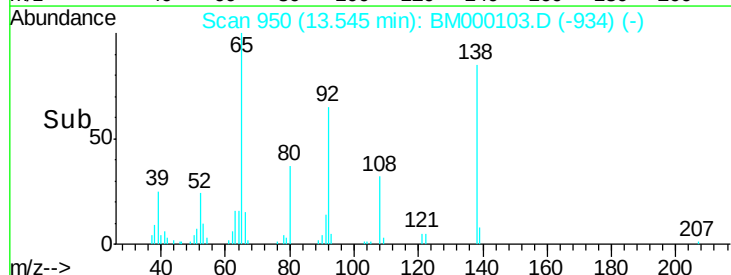
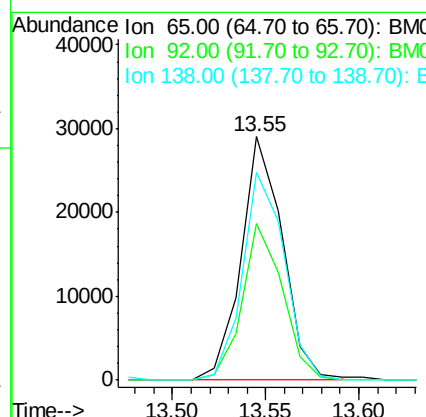
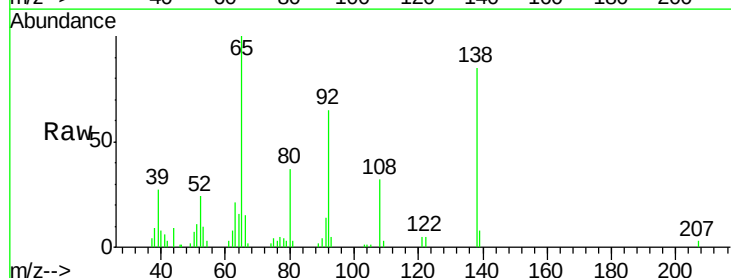
RT: 13.55 min Scan# 950

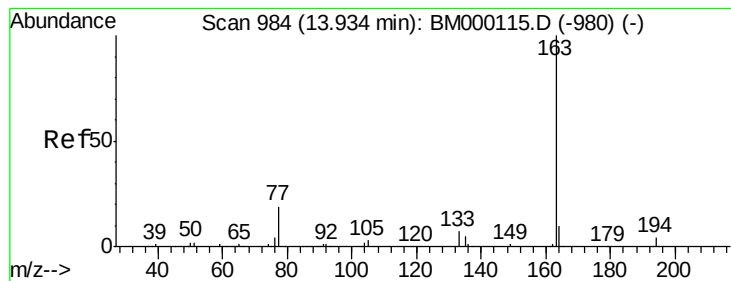
Delta R.T. -0.01 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Tgt Ion:	65	Resp:	44924
Ion Ratio	Lower	Upper	
65	100		
92	64.5	50.4	75.6
138	85.5	66.9	100.3





#44

Dimethylphthalate

Concen: 3.38 ng/ul

RT: 13.92 min Scan# 983

Delta R.T. -0.01 min

Lab File: BM000103.D

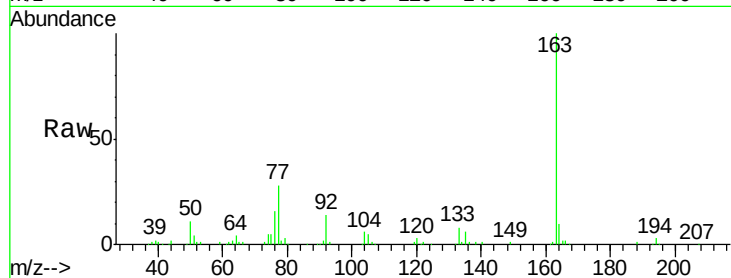
Acq: 02 Jan 2015 10:51

Instrument :

BNA_M

ClientSampleId :

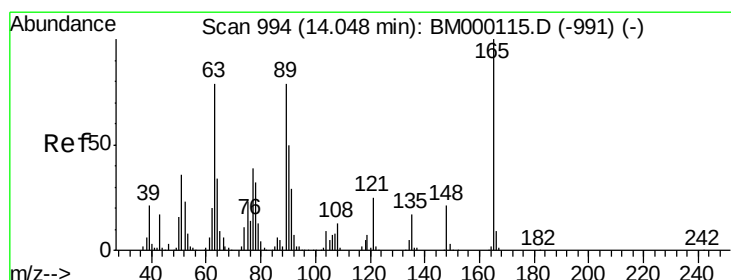
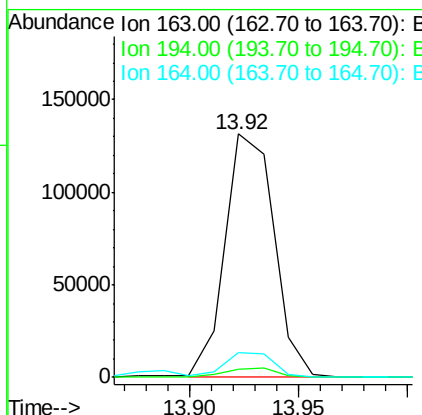
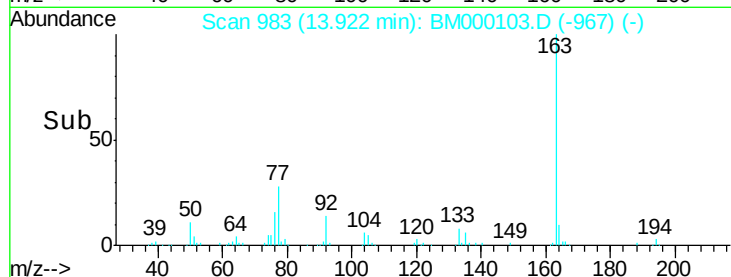
MDL-01-S-ML



Tgt Ion	Ratio	Resp	Lower	Upper
163	100	205627		
194	3.3		3.0	4.4
164	10.3		8.5	12.7

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#45

2,6-Dinitrotoluene

Concen: 3.02 ng/ul

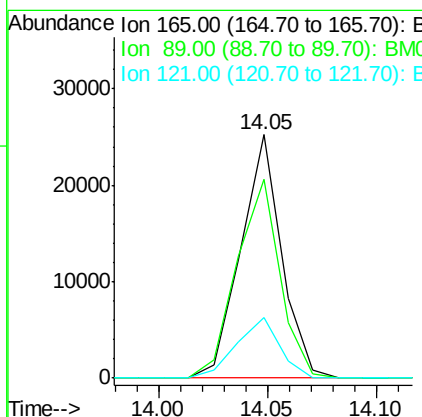
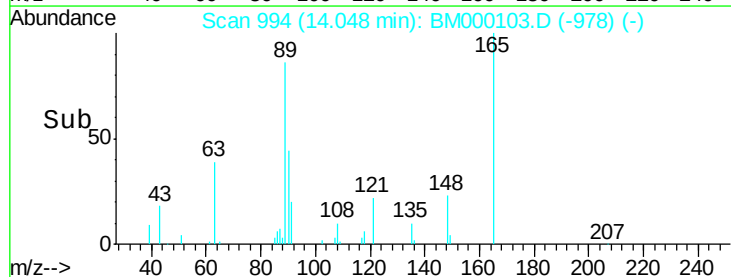
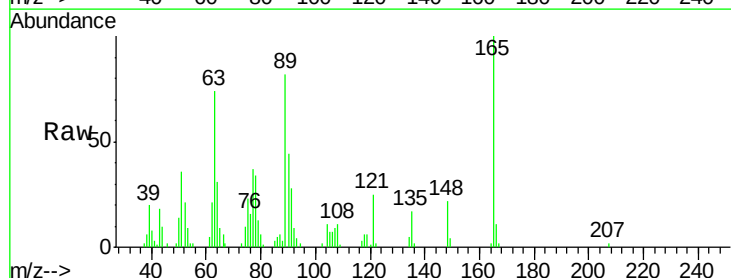
RT: 14.05 min Scan# 994

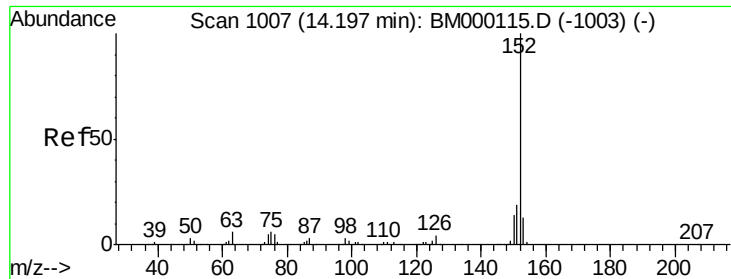
Delta R.T. -0.01 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	32852		
89	81.6		54.4	81.6
121	24.8		18.6	28.0





#47

Acenaphthylene

Concen: 3.10 ng/ul

RT: 14.20 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BM000103.D

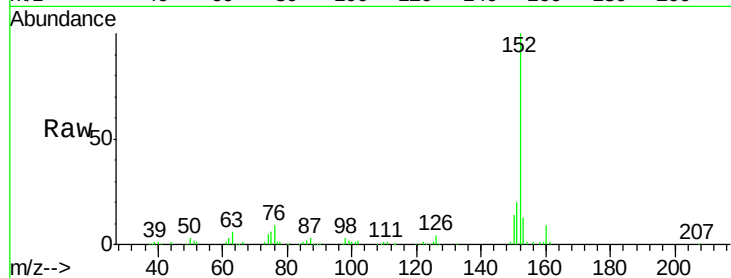
Acq: 02 Jan 2015 10:51

Instrument :

BNA_M

ClientSampleId :

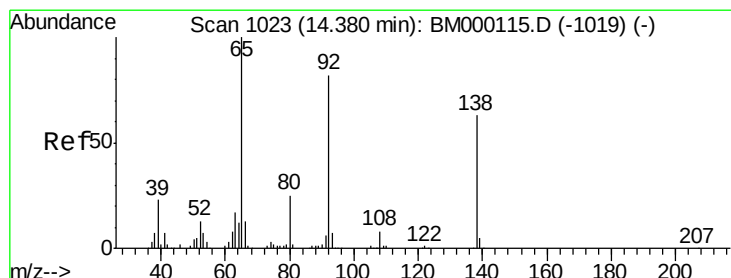
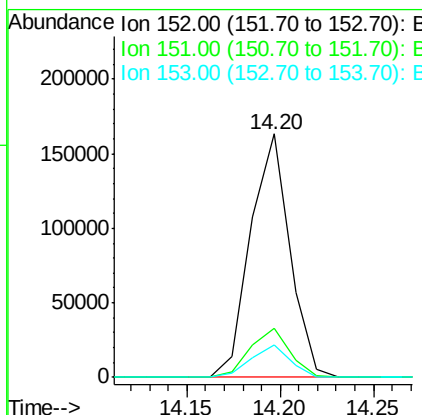
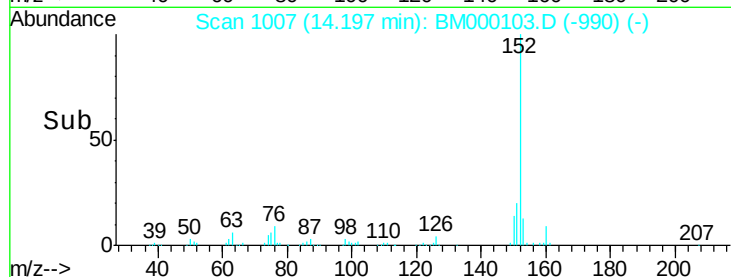
MDL-01-S-ML



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	239211		
151	20.1	15.4	23.2	
153	13.3	10.2	15.2	

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#48

3-Nitroaniline

Concen: 3.21 ng/ul

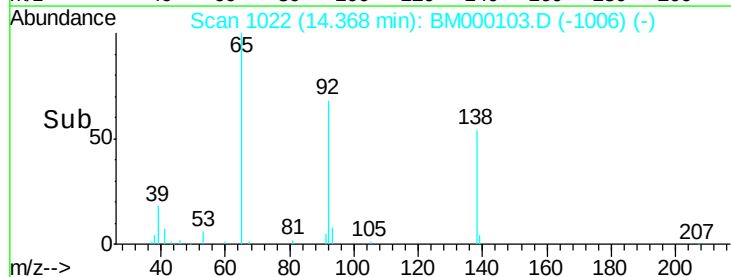
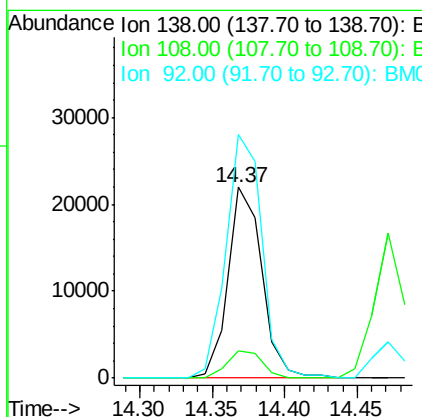
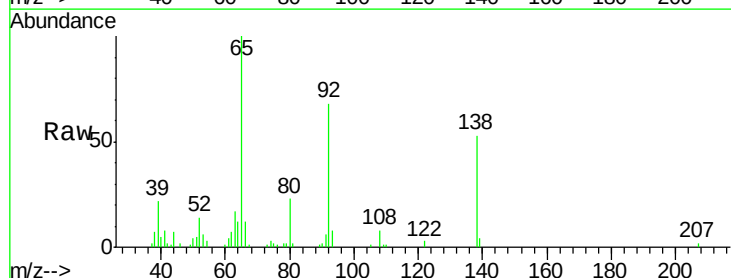
RT: 14.37 min Scan# 1022

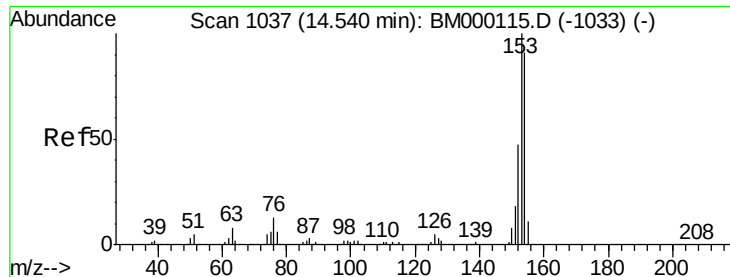
Delta R.T. -0.01 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	35745		
108	14.6	11.2	16.8	
92	127.7	110.6	165.8	





#49

Acenaphthene

Concen: 3.20 ng/ul

RT: 14.54 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM000103.D

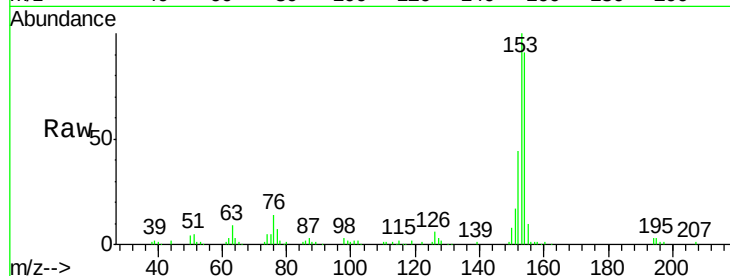
Acq: 02 Jan 2015 10:51

Instrument :

BNA_M

ClientSampleId :

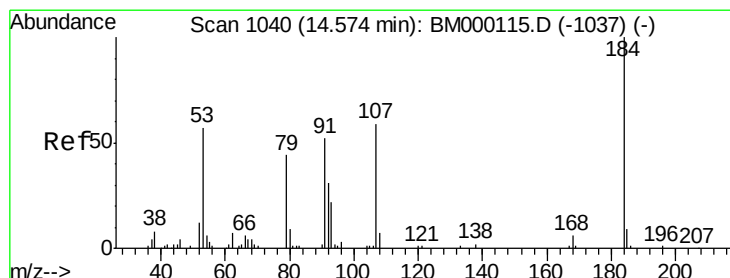
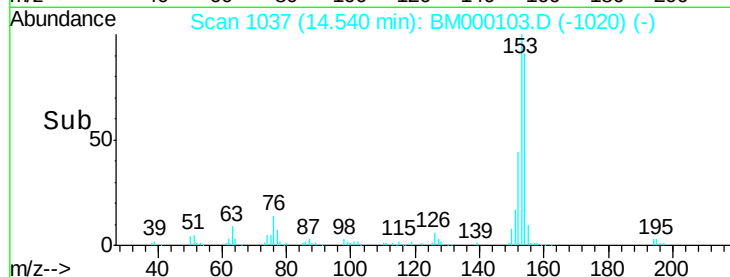
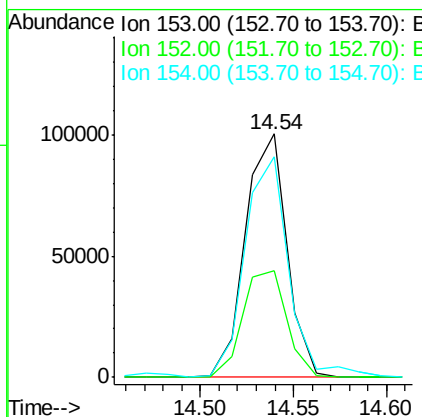
MDL-01-S-ML



Tgt Ion:	153	Resp:	157264
Ion Ratio	Lower	Upper	
153	100		
152	44.0	37.5	56.3
154	90.5	72.2	108.4

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#50

2,4-Dinitrophenol

Concen: 1.45 ng/ul

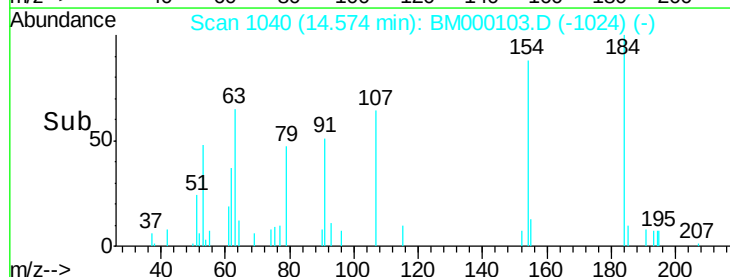
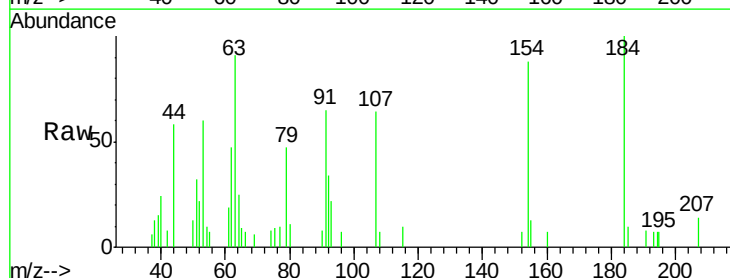
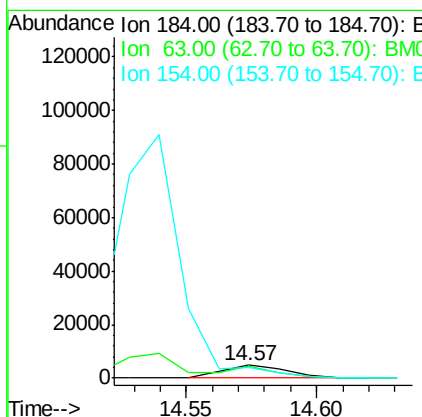
RT: 14.57 min Scan# 1040

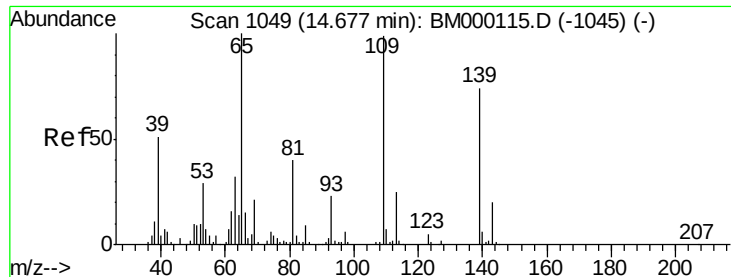
Delta R.T. -0.01 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Tgt Ion:	184	Resp:	8016
Ion Ratio	Lower	Upper	
184	100		
63	91.4	56.1	84.1#
154	88.4	68.2	102.4





#52

4-Nitrophenol

Concen: 3.42 ng/ul

RT: 14.68 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BM000103.D

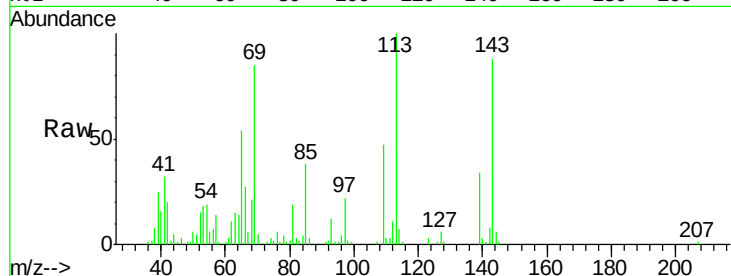
Acq: 02 Jan 2015 10:51

Instrument :

BNA_M

ClientSampleId :

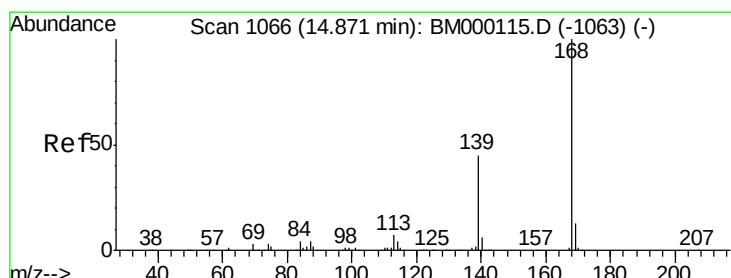
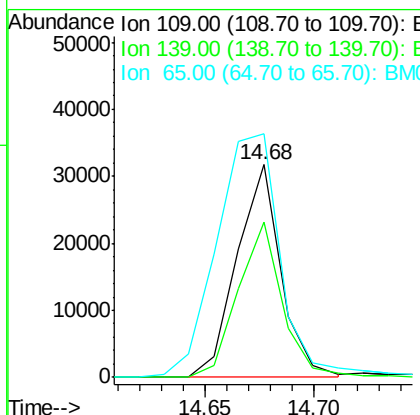
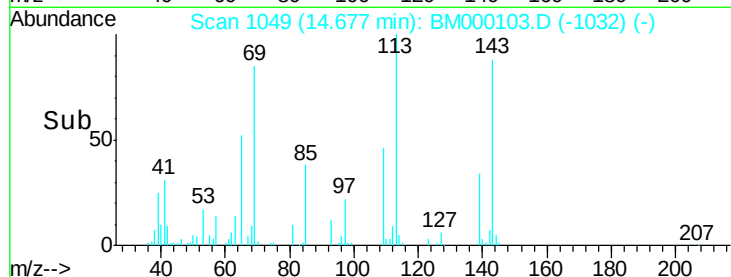
MDL-01-S-ML



Tgt Ion:	109	Resp:	44793
Ion Ratio	Lower	Upper	
109	100		
139	73.3	62.5	93.7
65	114.5	88.7	133.1

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#53

Dibenzofuran

Concen: 3.28 ng/ul

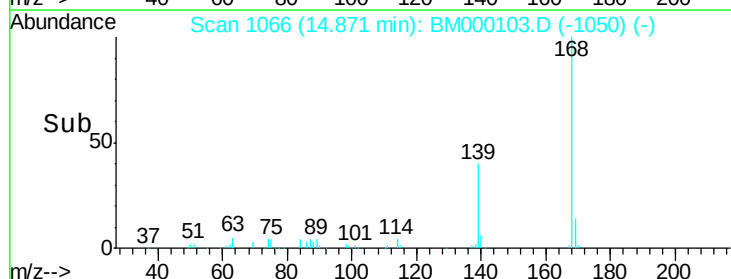
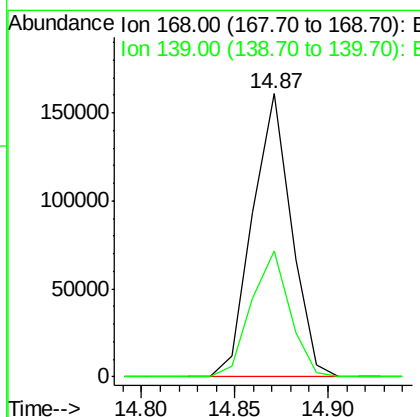
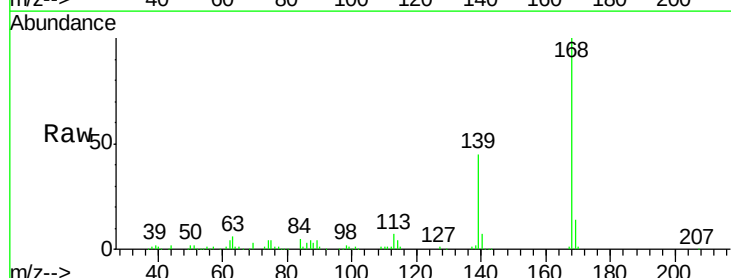
RT: 14.87 min Scan# 1066

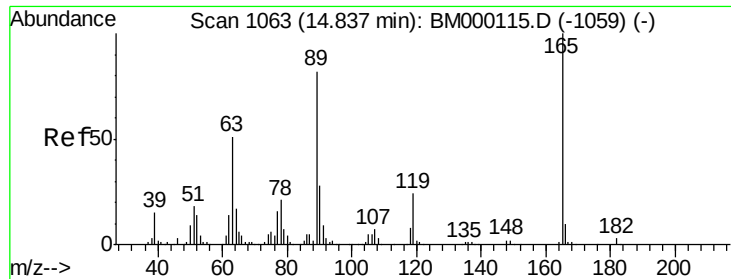
Delta R.T. -0.01 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Tgt Ion:	168	Resp:	232930
Ion Ratio	Lower	Upper	
168	100		
139	44.5	33.6	50.4





#54

2,4-Dinitrotoluene

Concen: 3.33 ng/ul

RT: 14.83 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Instrument :

BNA_M

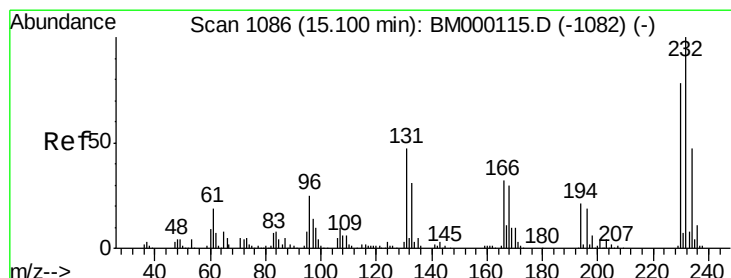
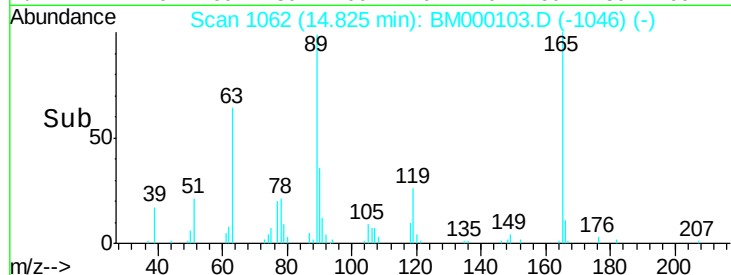
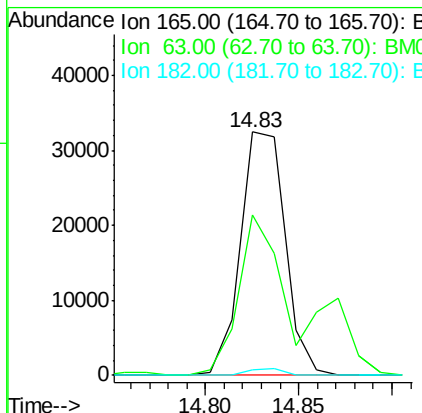
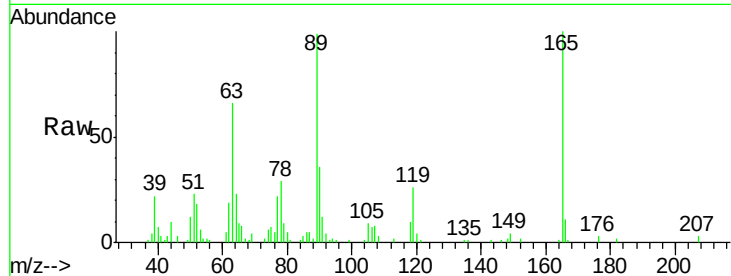
ClientSampleId :

MDL-01-S-ML

Tgt Ion:	165	Resp:	54077
Ion Ratio	Lower	Upper	
165	100		
63	66.1	48.8	73.2
182	2.4	2.1	3.1

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#55

2,3,4,6-Tetrachlorophenol

Concen: 3.08 ng/ul

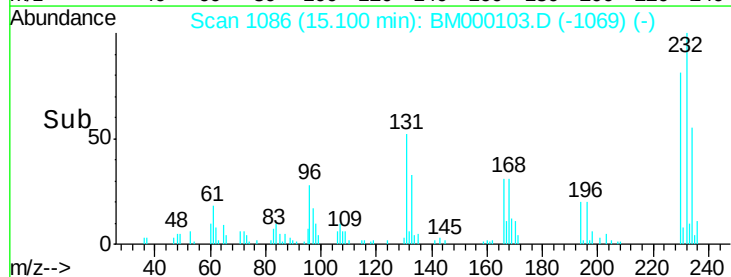
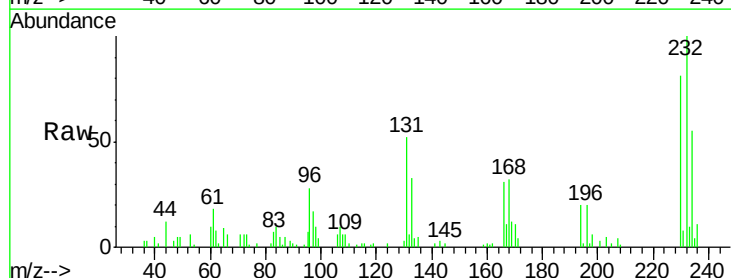
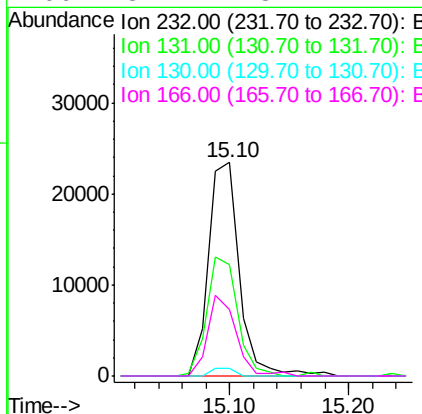
RT: 15.10 min Scan# 1086

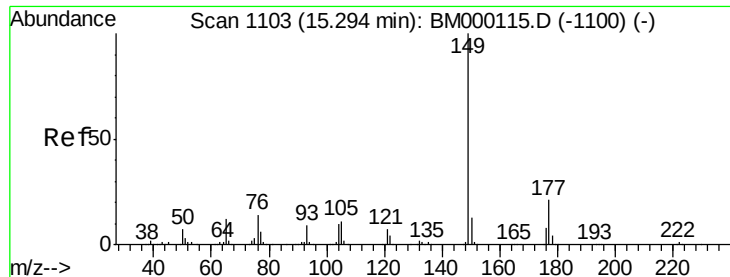
Delta R.T. -0.00 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Tgt Ion:	232	Resp:	42195
Ion Ratio	Lower	Upper	
232	100		
131	52.2	43.4	65.0
130	3.5	2.7	4.1
166	31.1	28.2	42.4





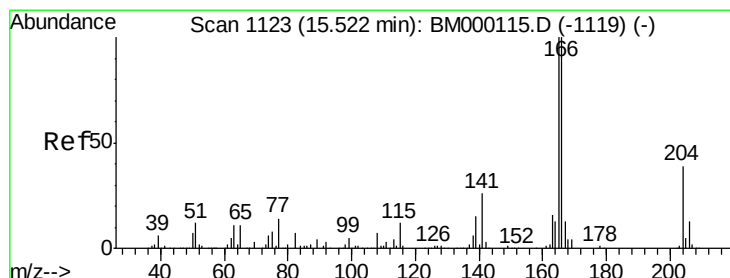
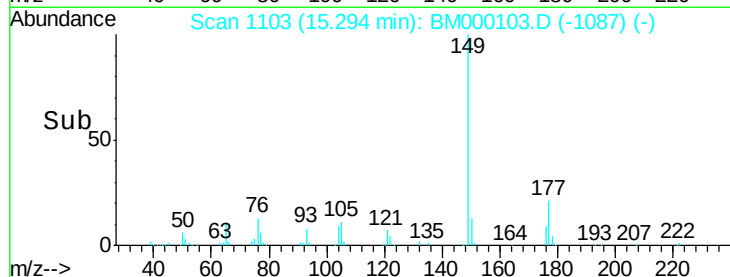
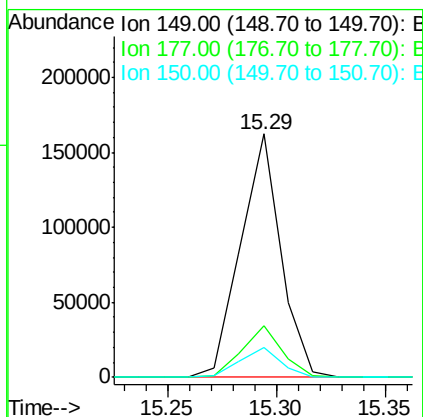
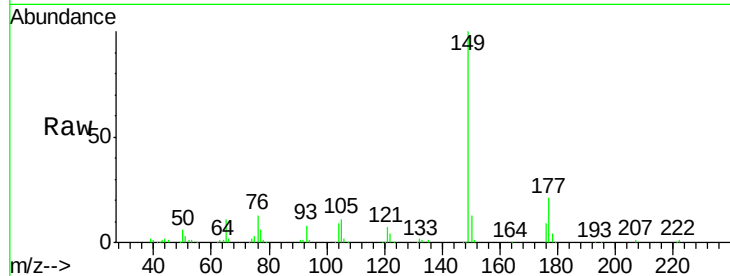
#56
Diethylphthalate
Concen: 3.28 ng/ul
RT: 15.29 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	209488		
177	21.2	17.4	26.2	
150	12.5	10.5	15.7	

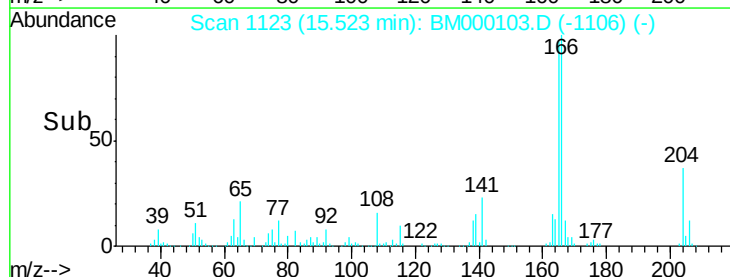
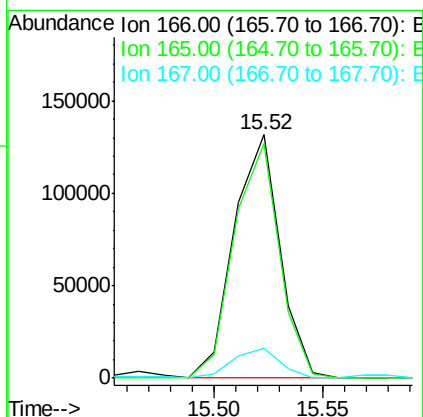
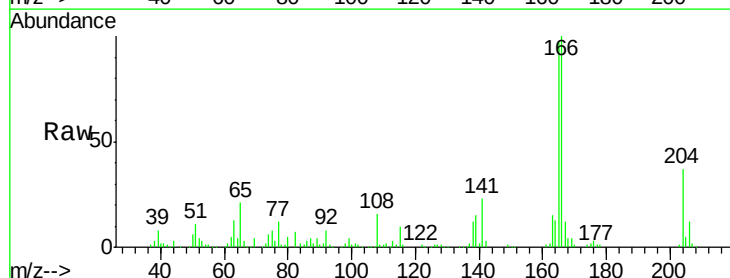
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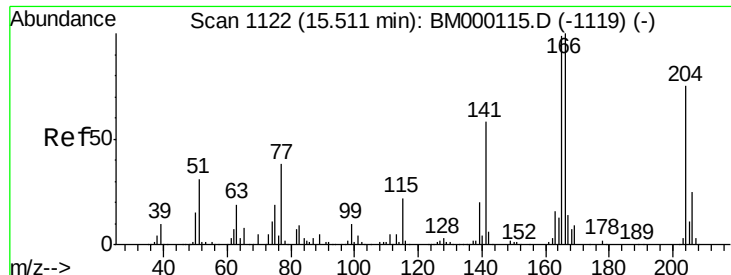
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#58
Fluorene
Concen: 3.28 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	193481		
165	96.6	76.0	114.0	
167	12.3	10.2	15.4	





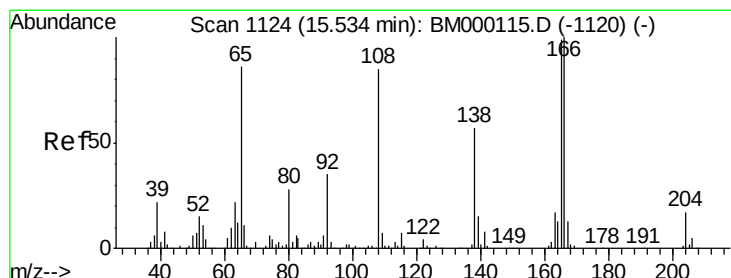
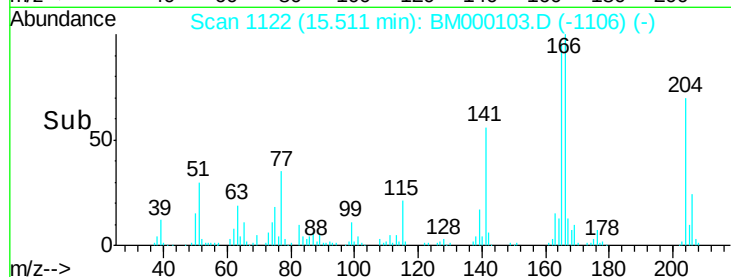
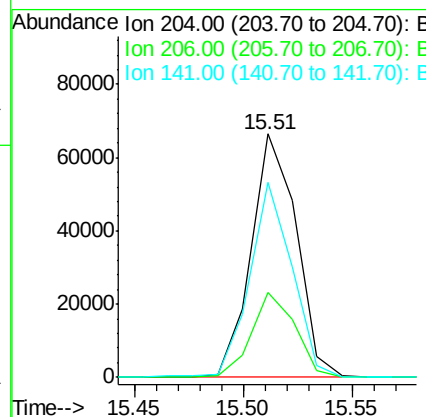
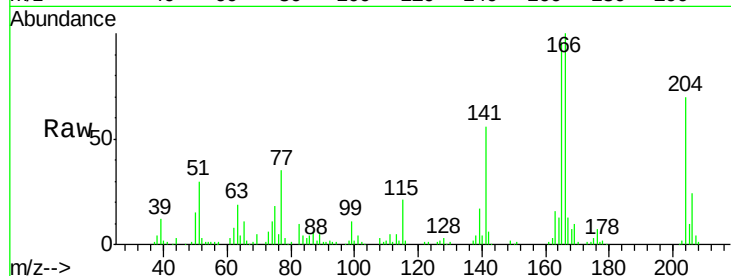
#59
 4-Chlorophenyl-phenylether
 Concen: 3.31 ng/ul
 RT: 15.51 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BM000103.D
 Acq: 02 Jan 2015 10:51

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion:	204	Resp:	96259
Ion Ratio	Lower	Upper	
204	100		
206	34.8	25.8	38.8
141	80.0	61.3	91.9

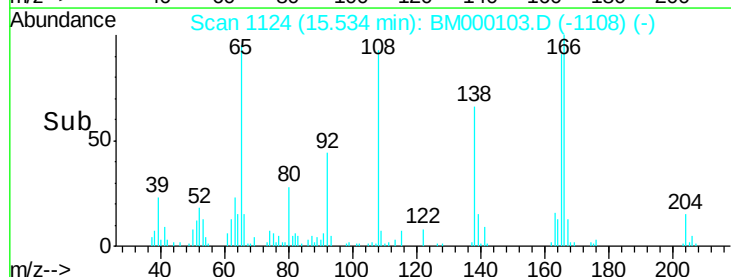
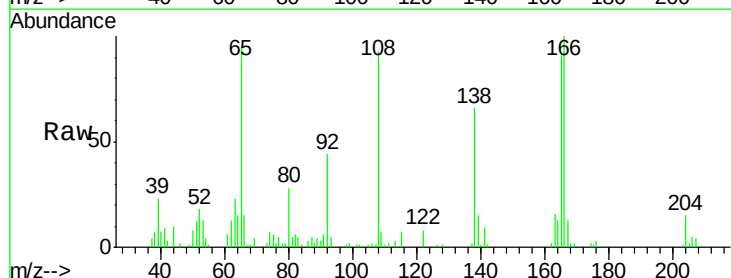
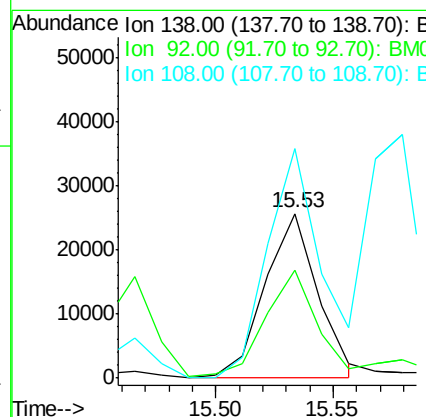
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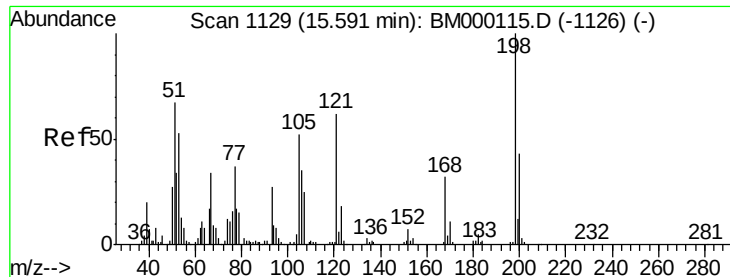
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#60
 4-Nitroaniline
 Concen: 3.23 ng/ul m
 RT: 15.53 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BM000103.D
 Acq: 02 Jan 2015 10:51

Tgt Ion:	138	Resp:	40598
Ion Ratio	Lower	Upper	
138	100		
92	65.7	49.3	73.9
108	139.3	110.3	165.5





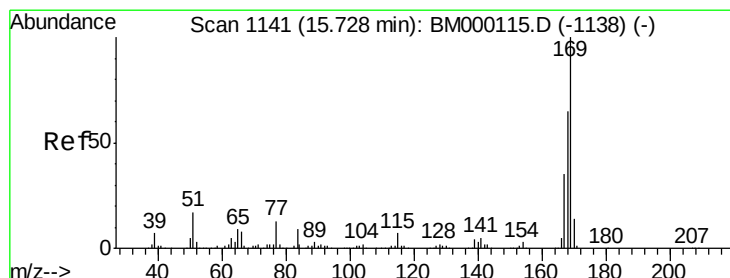
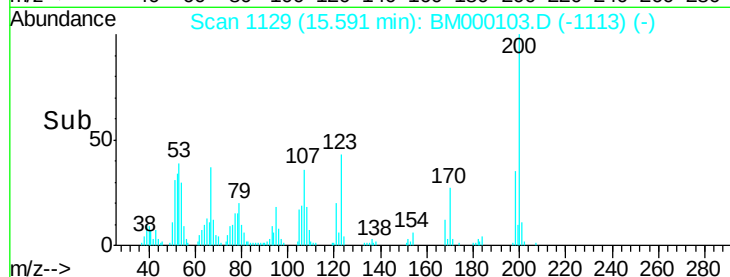
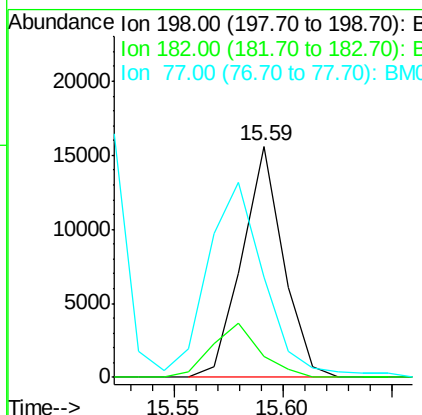
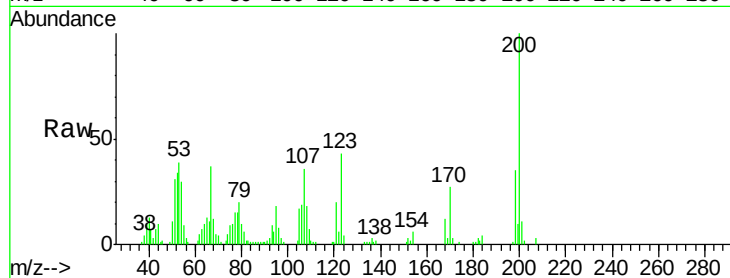
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.31 ng/ul
 RT: 15.59 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM000103.D
 Acq: 02 Jan 2015 10:51

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
182	8.8	2.6	4.0#
77	43.3	25.2	37.8#

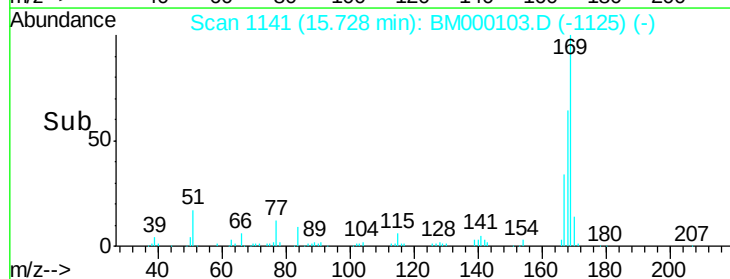
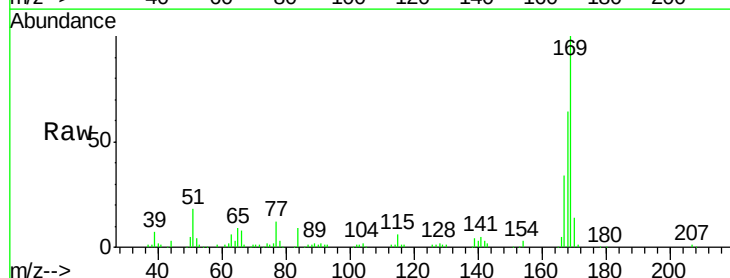
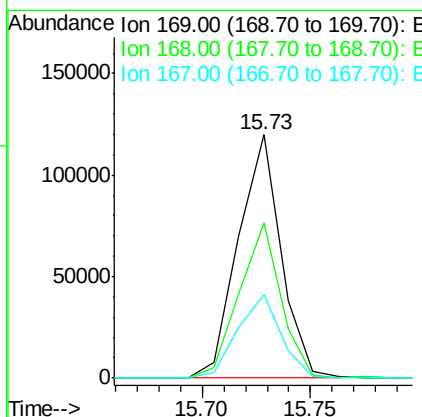
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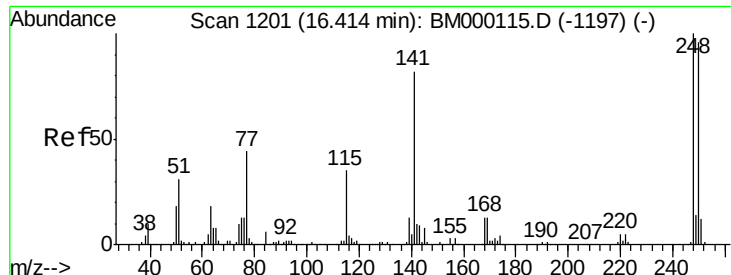
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#64
 N-Nitrosodiphenylamine
 Concen: 3.21 ng/ul
 RT: 15.73 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BM000103.D
 Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	64.0	51.8	77.6
167	34.3	28.1	42.1





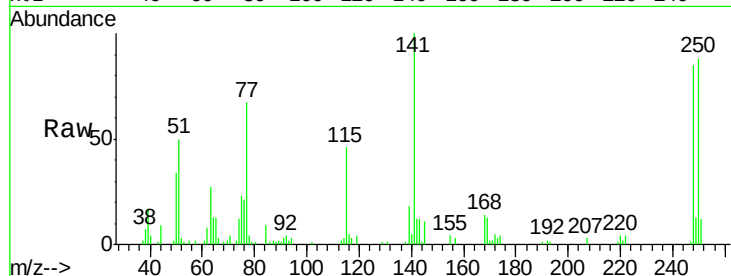
#65
4-Bromophenyl-phenylether
Concen: 3.14 ng/ul
RT: 16.40 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

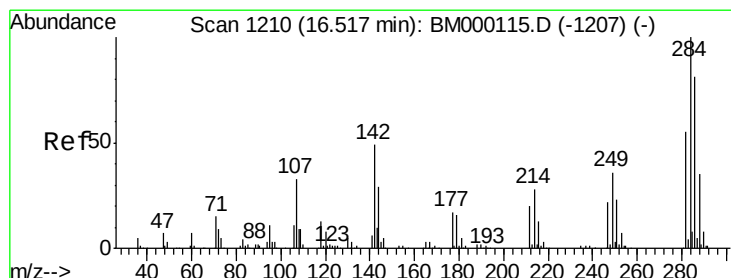
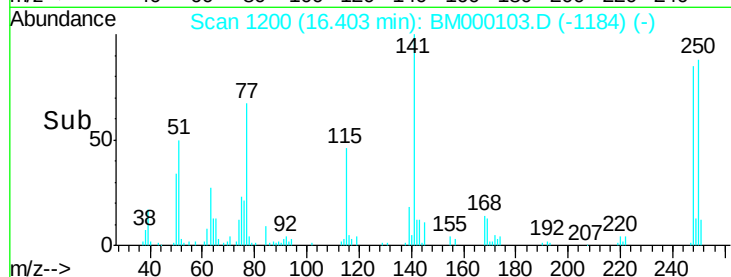
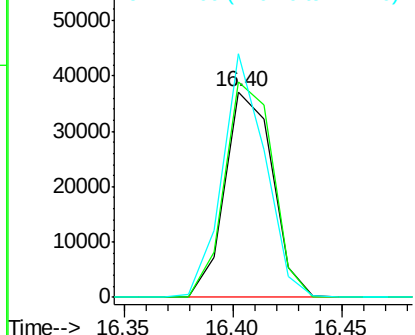
Tgt Ion	Ratio	Lower	Upper
248	100		
250	104.5	78.4	117.6
141	118.3	67.0	100.4

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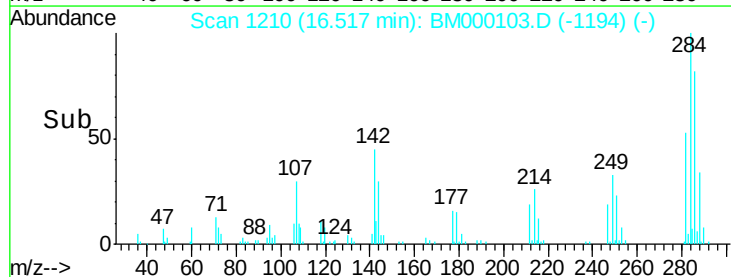
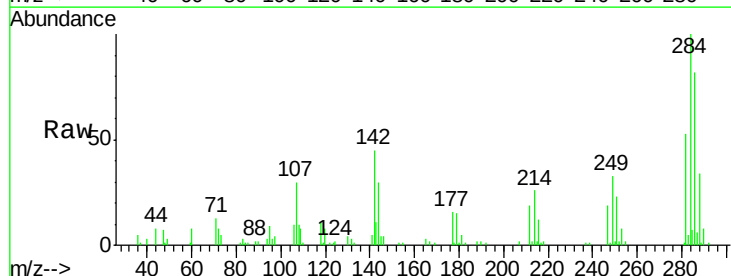
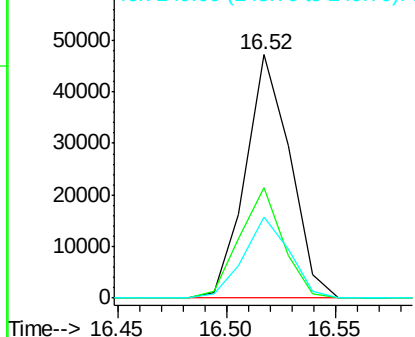
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

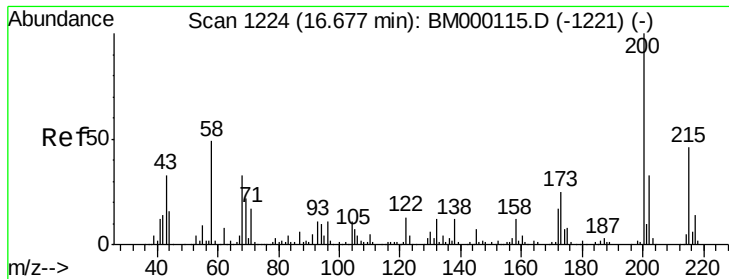


#66
Hexachlorobenzene
Concen: 3.26 ng/ul
RT: 16.52 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	45.3	32.4	48.6
249	33.4	26.7	40.1

Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#67

Atrazine

Concen: 3.20 ng/ul

RT: 16.68 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BM000103.D

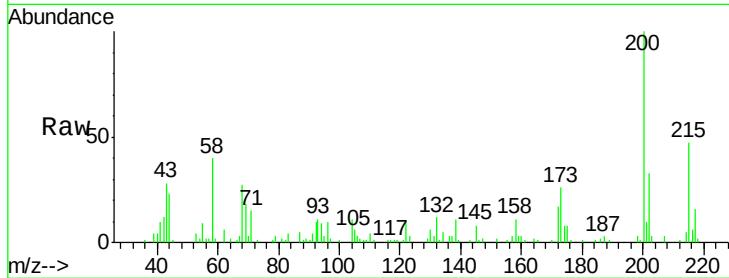
Acq: 02 Jan 2015 10:51

Instrument :

BNA_M

ClientSampleId :

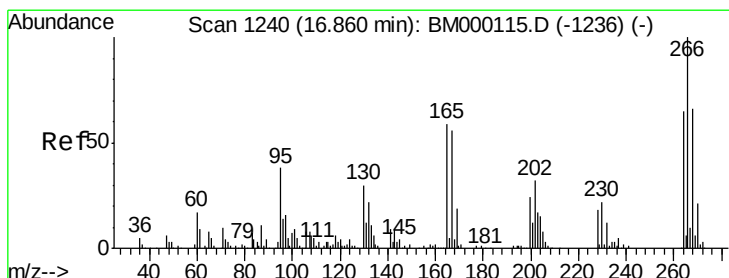
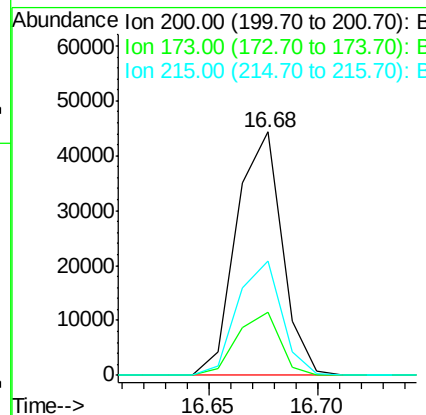
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Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.8	19.5	29.3
215	47.0	36.6	54.8

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#68

Pentachlorophenol

Concen: 2.33 ng/ul m

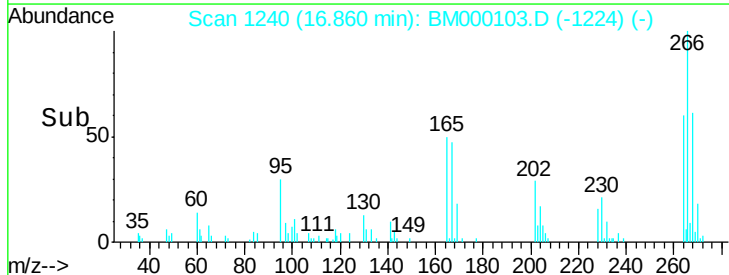
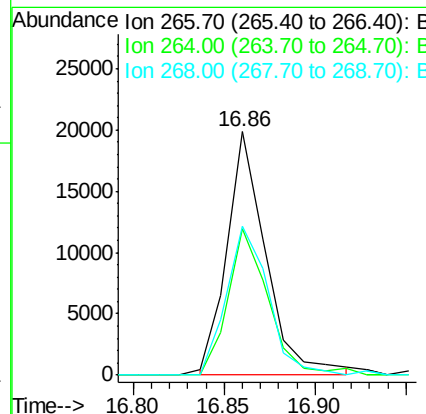
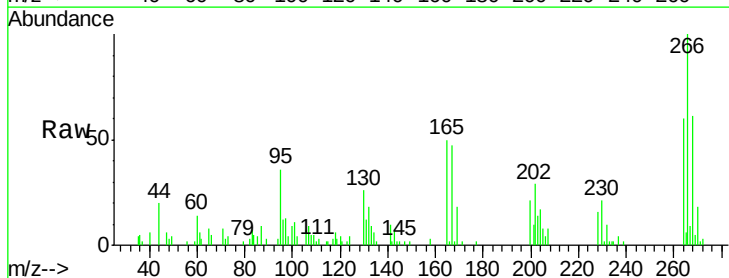
RT: 16.86 min Scan# 1240

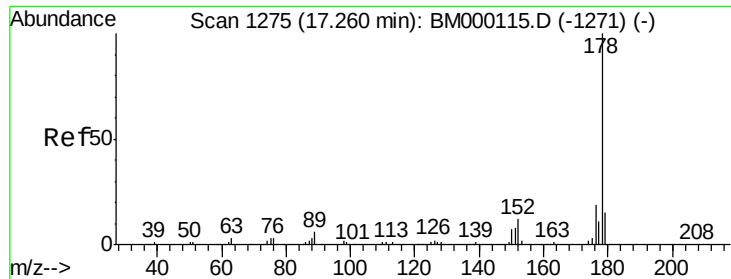
Delta R.T. -0.01 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.3	49.8	74.6
268	61.2	48.2	72.4





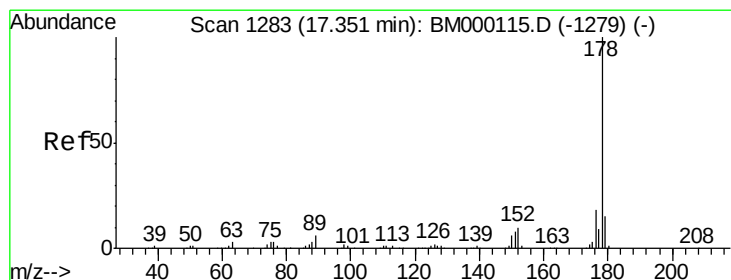
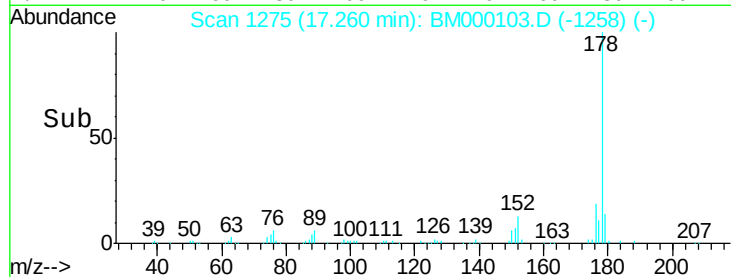
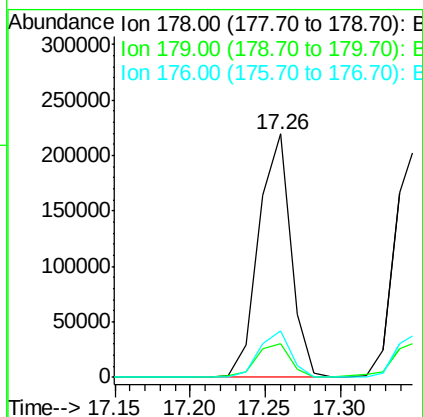
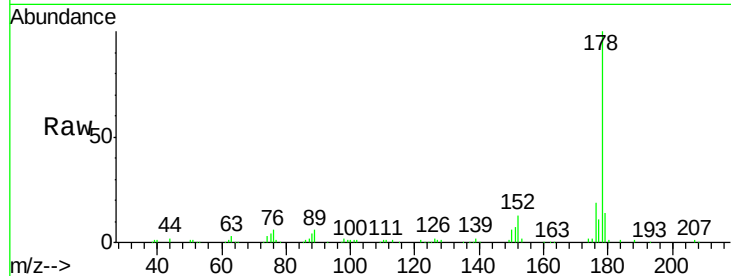
#69
Phenanthrene
Concen: 3.43 ng/ul m
RT: 17.26 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.8	11.6	17.4
176	19.1	14.6	22.0

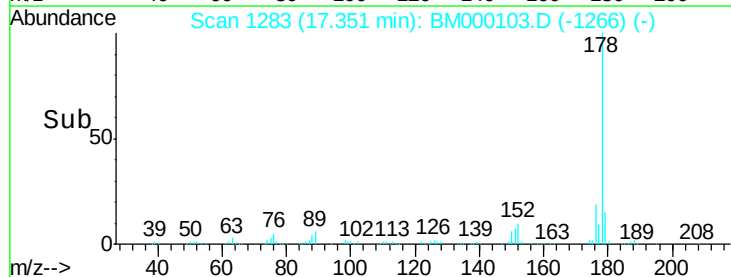
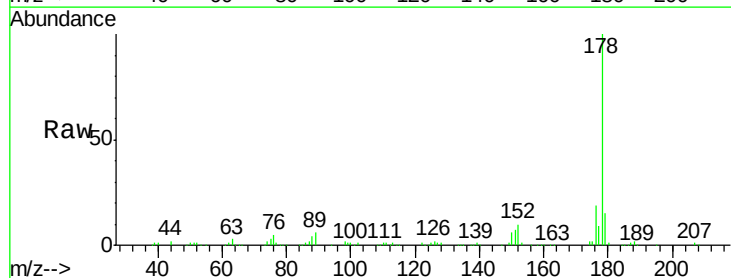
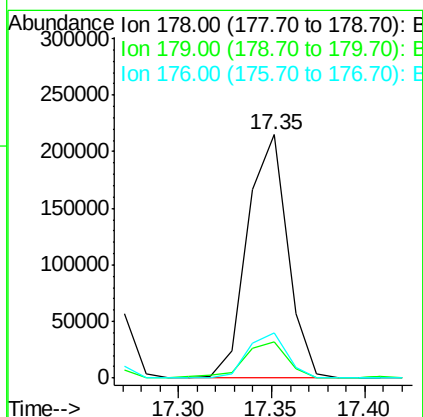
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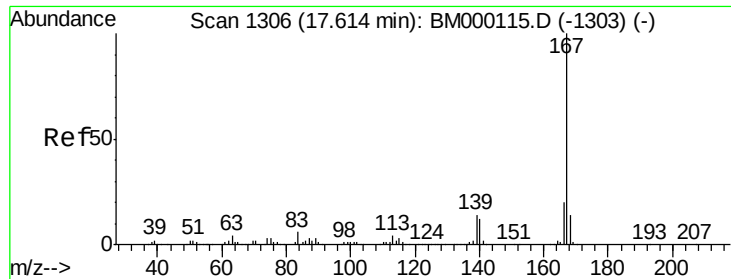
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#71
Anthracene
Concen: 3.27 ng/ul
RT: 17.35 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	18.8
176	18.6	14.6	21.8





#72

Carbazole

Concen: 3.36 ng/ul

RT: 17.61 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM000103.D

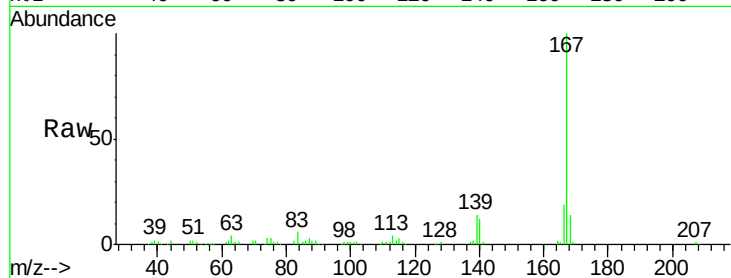
Acq: 02 Jan 2015 10:51

Instrument :

BNA_M

ClientSampleId :

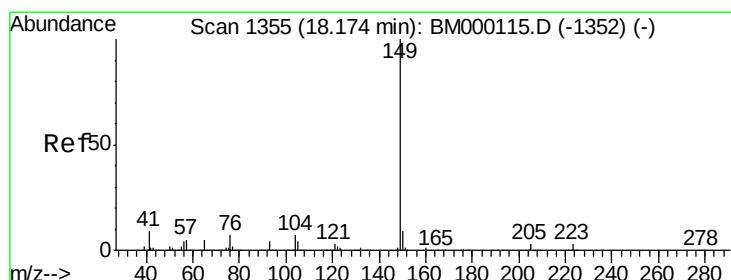
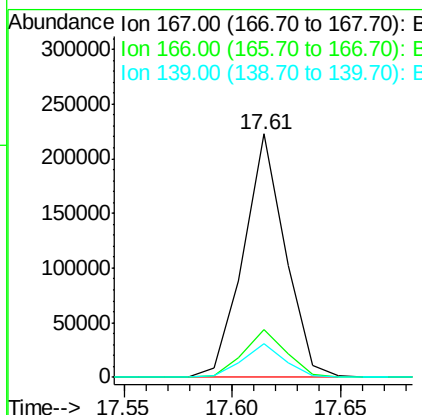
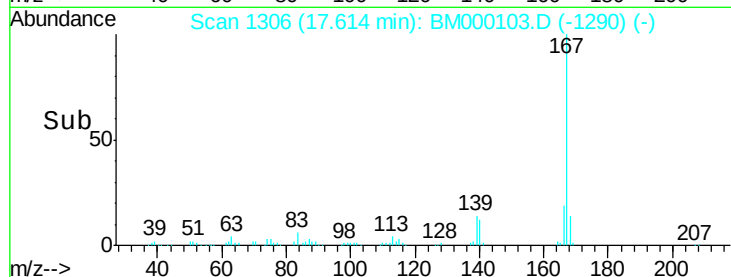
MDL-01-S-ML



Tgt Ion	Ratio	Resp	Lower	Upper
167	100	296833		
166	19.4	16.2	24.4	
139	13.6	10.7	16.1	

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#73

Di-n-butylphthalate

Concen: 3.29 ng/ul

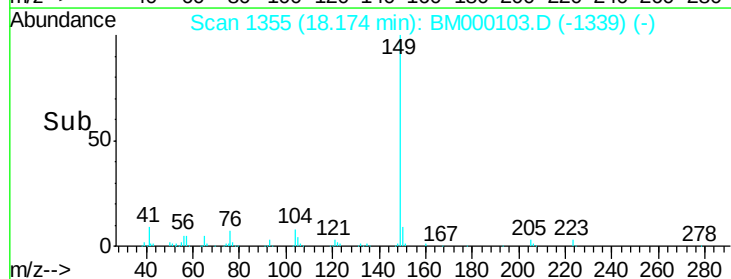
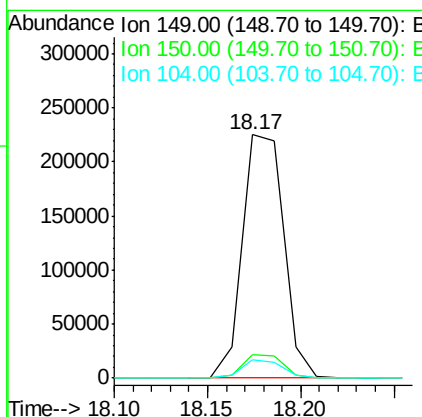
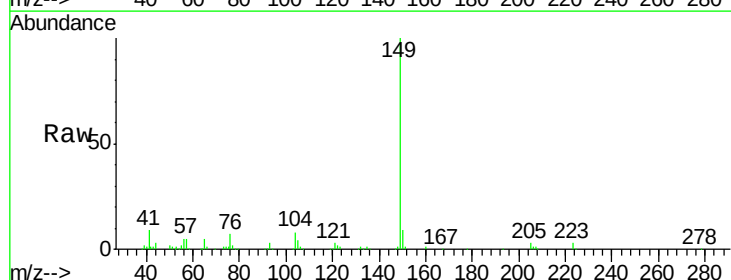
RT: 18.17 min Scan# 1355

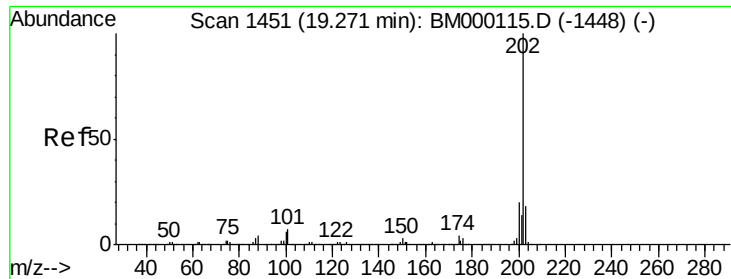
Delta R.T. -0.01 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	346619		
150	9.4	7.1	10.7	
104	7.5	4.8	7.2#	





#74

Fluoranthene

Concen: 3.62 ng/ul

RT: 19.27 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BM000103.D

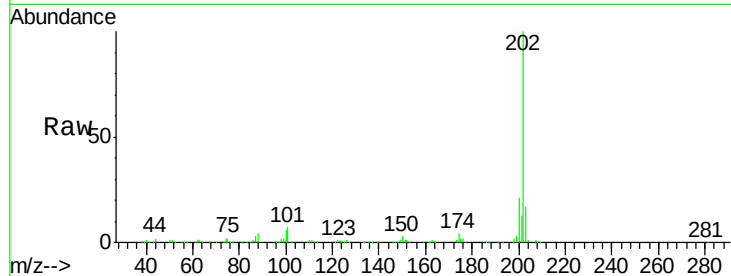
Acq: 02 Jan 2015 10:51

Instrument :

BNA_M

ClientSampleId :

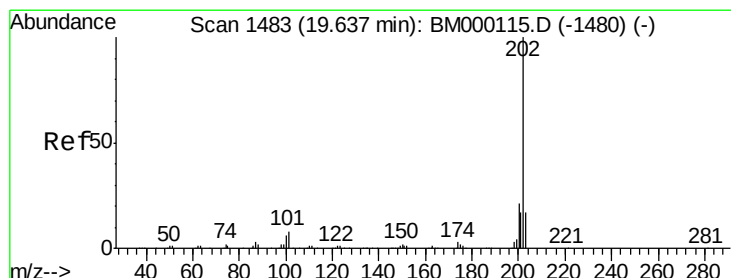
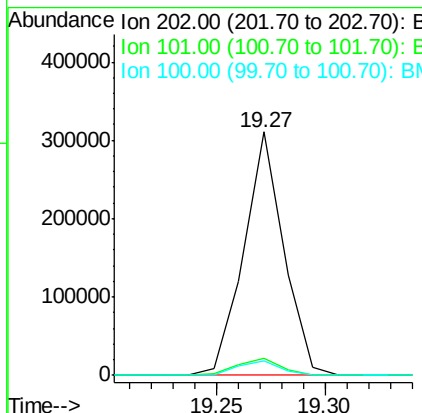
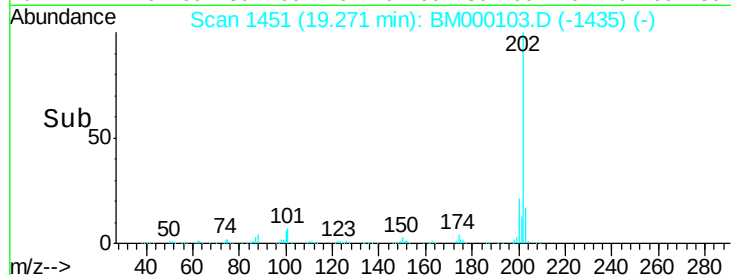
MDL-01-S-ML



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	396492		
101	7.1	6.4	9.6	
100	5.8	4.6	7.0	

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#77

Pyrene

Concen: 3.26 ng/ul

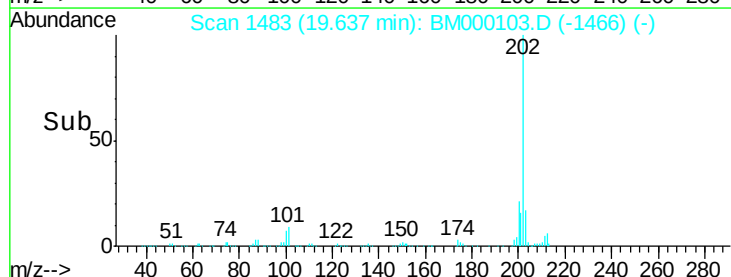
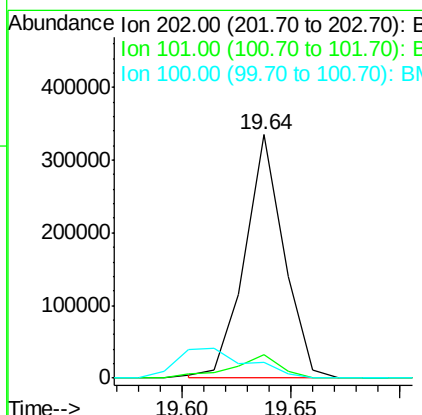
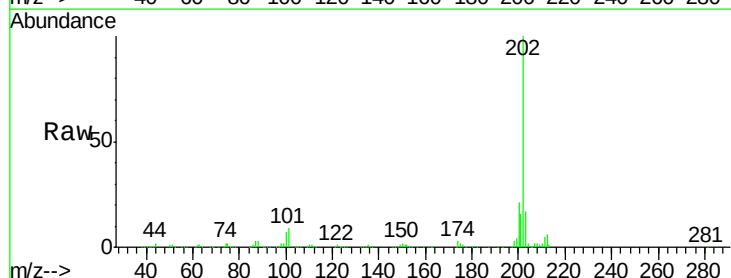
RT: 19.64 min Scan# 1483

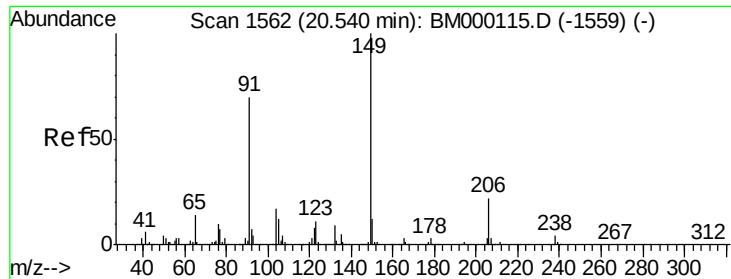
Delta R.T. -0.00 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	414795		
101	9.5	6.9	10.3	
100	6.6	5.5	8.3	





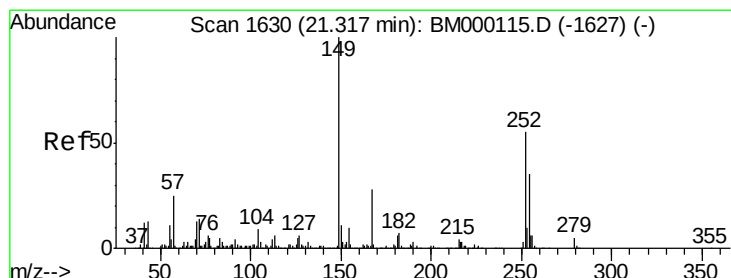
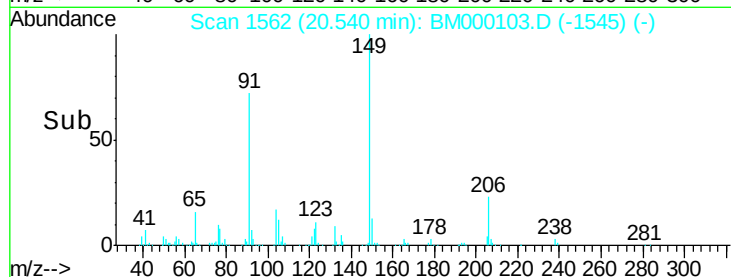
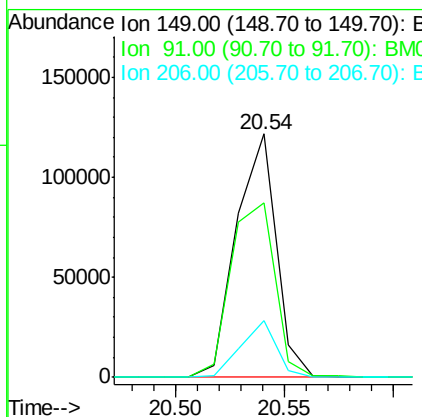
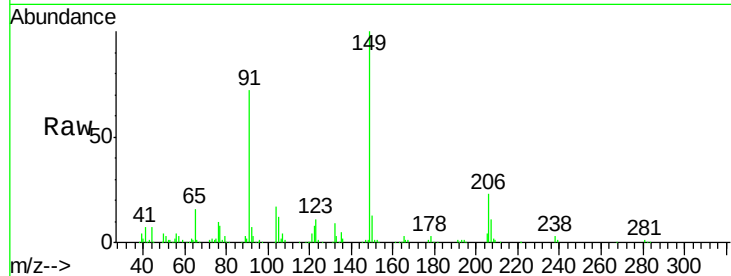
#78
Butylbenzylphthalate
Concen: 3.01 ng/ul
RT: 20.54 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	155504		
91	71.5	56.6	84.8	
206	23.1	16.8	25.2	

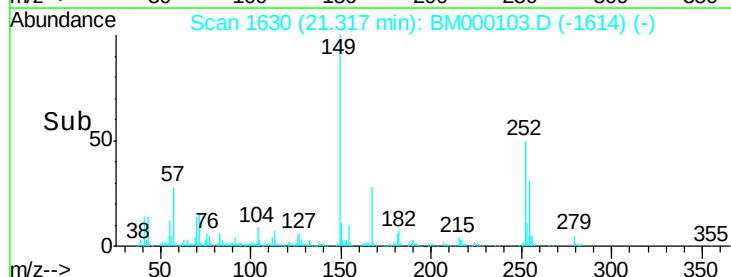
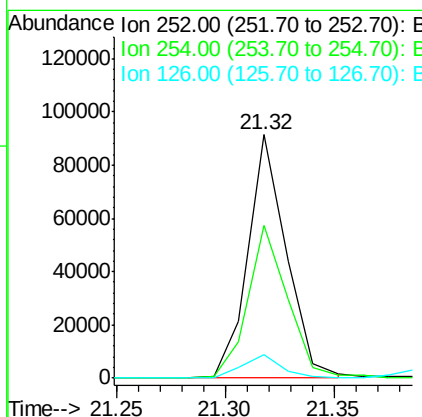
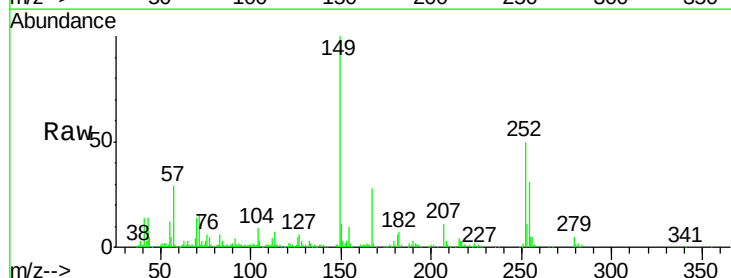
Manual Integrations
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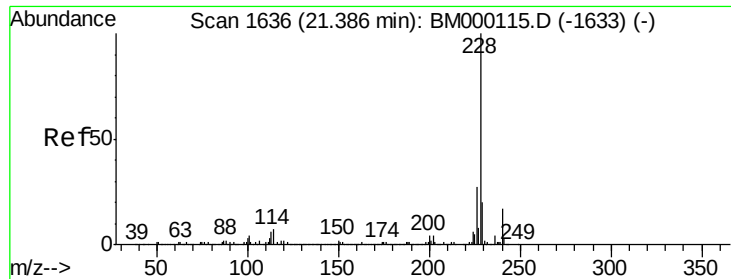
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#79
3,3'-Dichlorobenzidine
Concen: 2.92 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	112534		
254	62.7	51.2	76.8	
126	9.8	7.9	11.9	





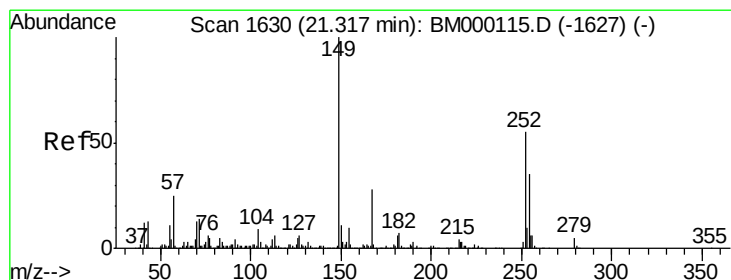
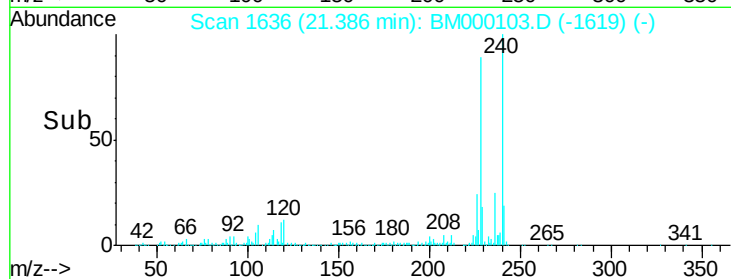
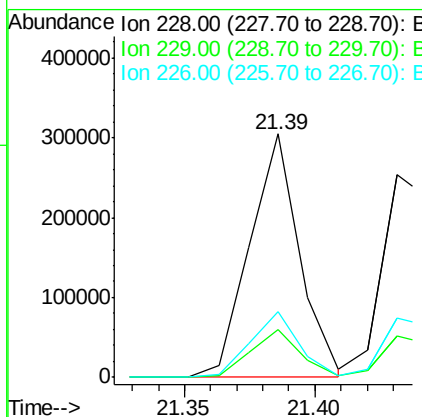
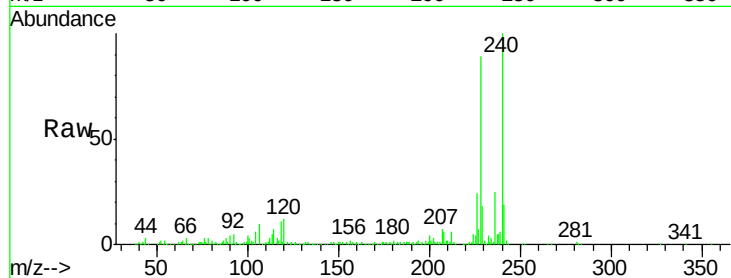
#80
Benzo(a)anthracene
Concen: 3.34 ng/ul
RT: 21.39 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.8
226	27.0	20.7	31.1

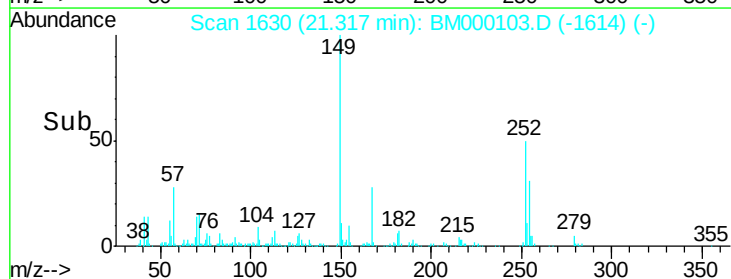
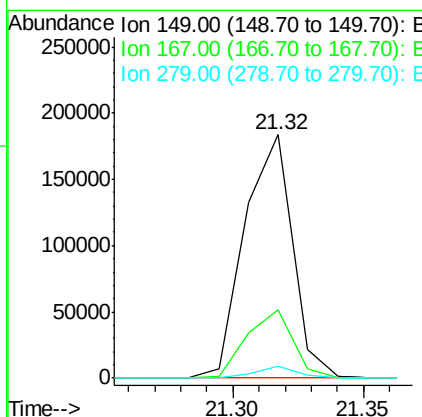
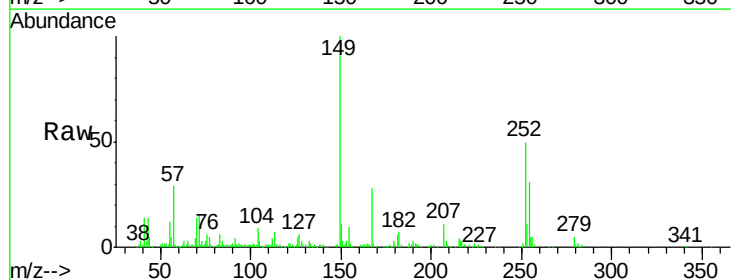
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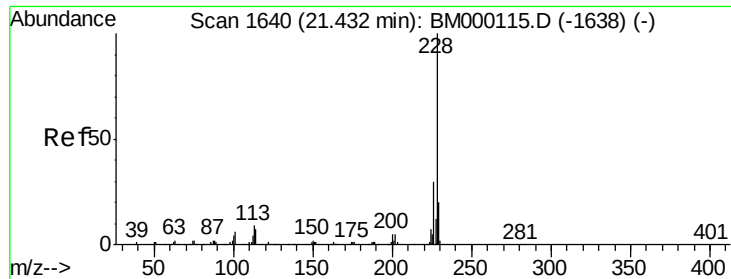
TEJASKUMAR
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#81
Bis(2-ethylhexyl)phthalate
Concen: 3.16 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.1	33.1
279	4.8	3.0	4.6#





#82

Chrysene

Concen: 3.28 ng/ul

RT: 21.43 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Instrument :

BNA_M

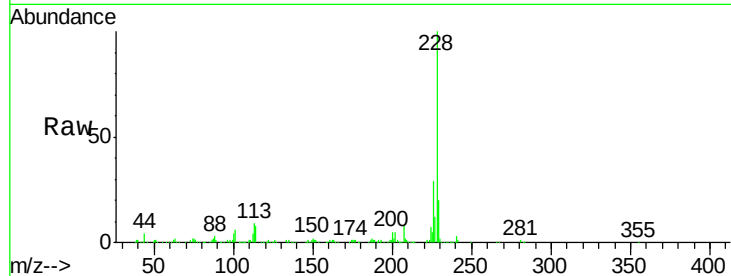
ClientSampleId :

MDL-01-S-ML

Tgt Ion:	228	Resp:	367897
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.0	34.4
229	20.3	15.6	23.4

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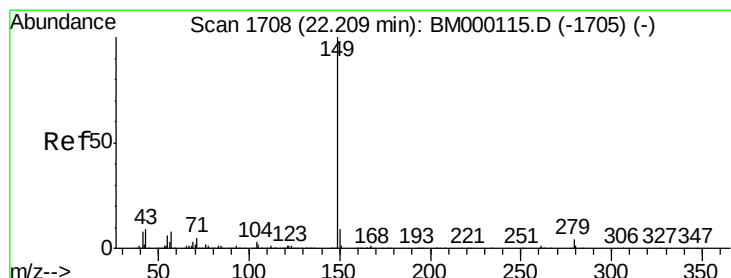
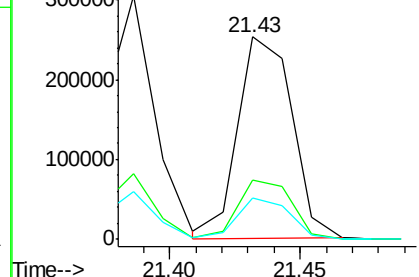
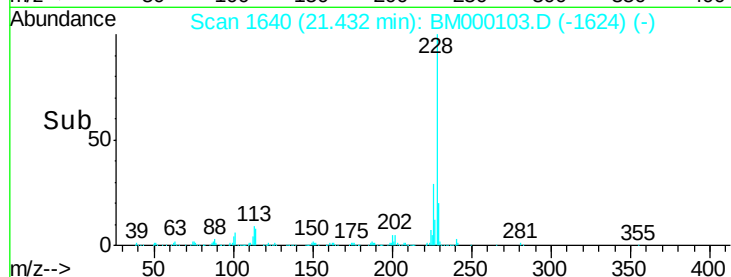
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 3.11 ng/ul

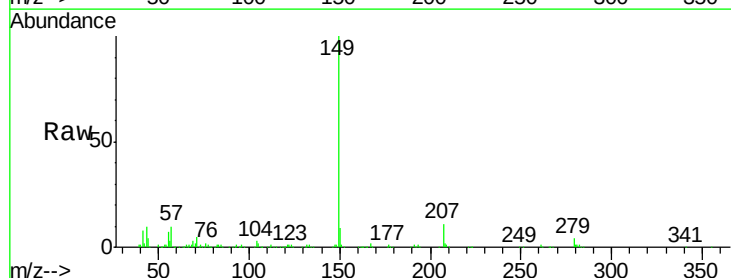
RT: 22.21 min Scan# 1708

Delta R.T. -0.01 min

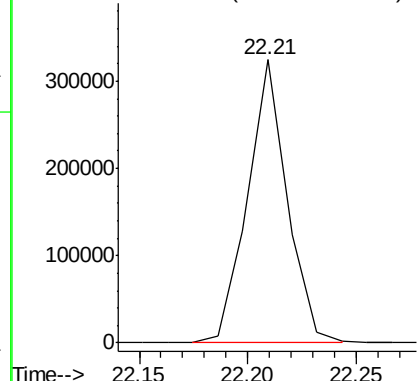
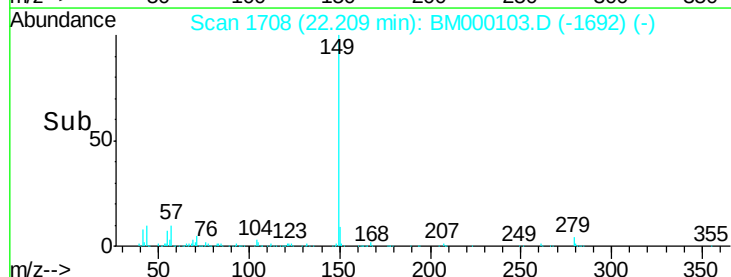
Lab File: BM000103.D

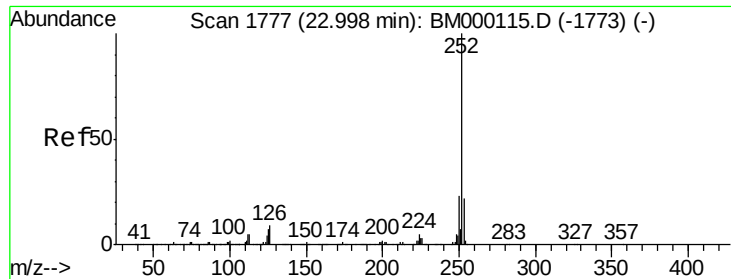
Acq: 02 Jan 2015 10:51

Tgt Ion:149 Resp: 408381



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 3.28 ng/ul

RT: 23.00 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BM000103.D

Acq: 02 Jan 2015 10:51

Instrument :

BNA_M

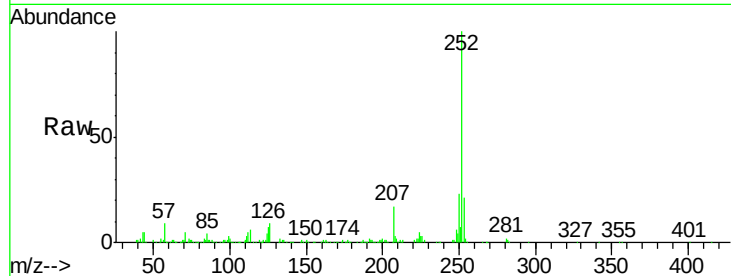
ClientSampleId :

MDL-01-S-ML

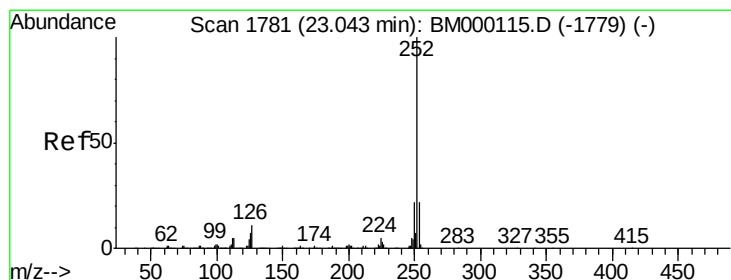
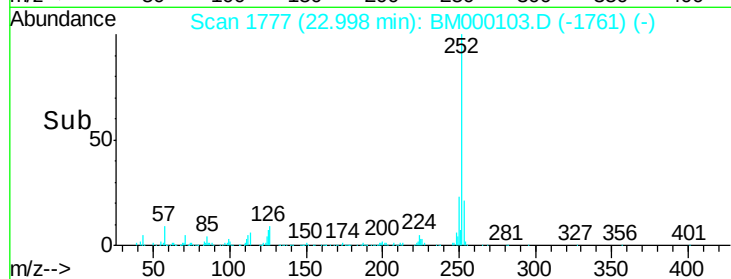
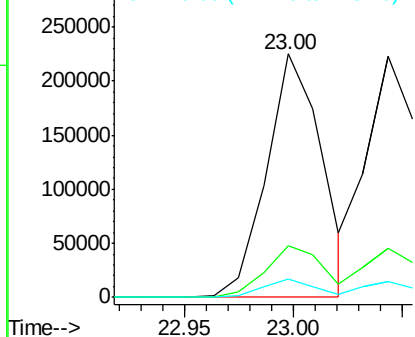
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	399512		
253	21.2	17.1	25.7	
125	7.3	4.8	7.2#	

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 3.59 ng/ul

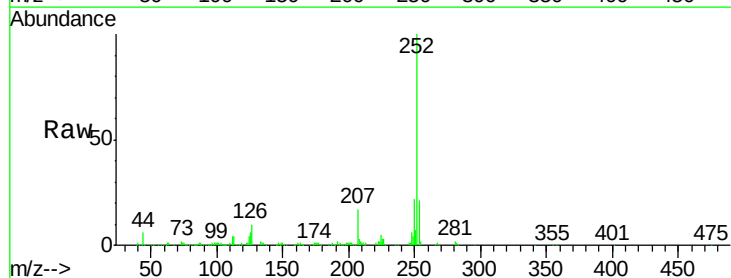
RT: 23.04 min Scan# 1781

Delta R.T. -0.01 min

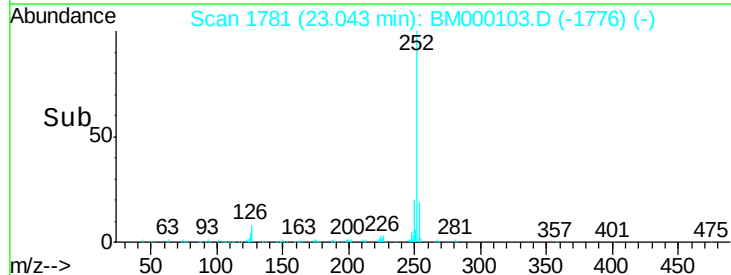
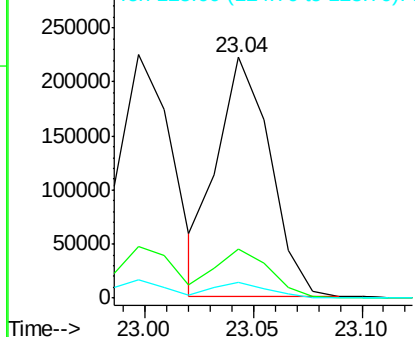
Lab File: BM000103.D

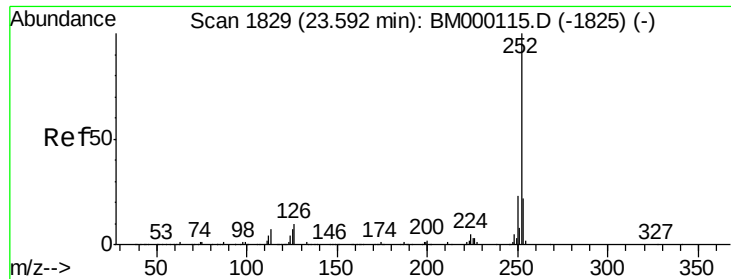
Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	373375		
253	20.6	17.2	25.8	
125	6.4	4.9	7.3	



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





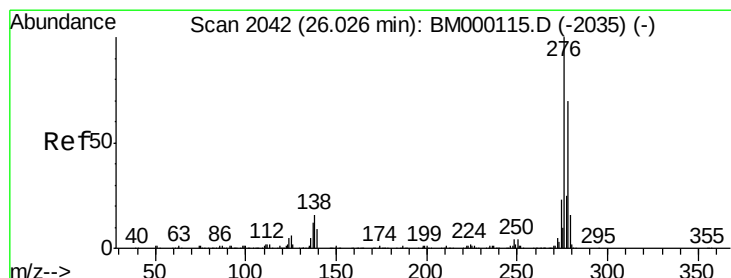
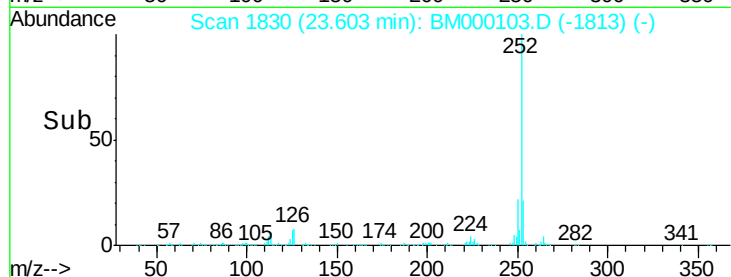
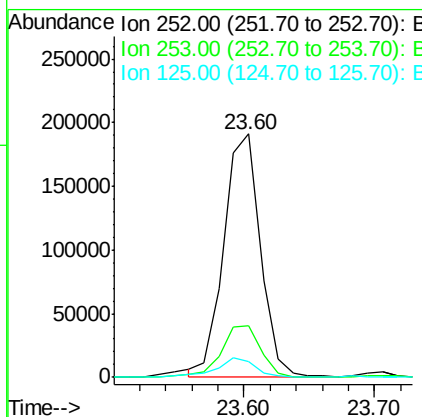
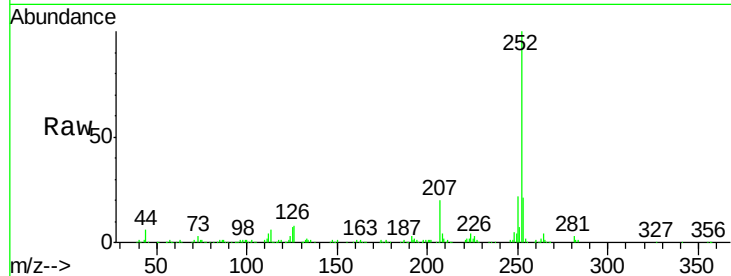
#88
Benzo(a)pyrene
Concen: 3.44 ng/ul
RT: 23.60 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	6.6	5.8	8.6

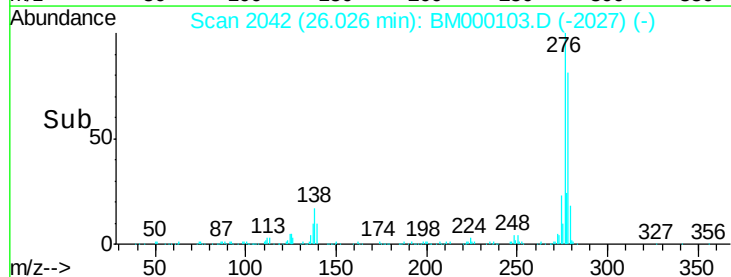
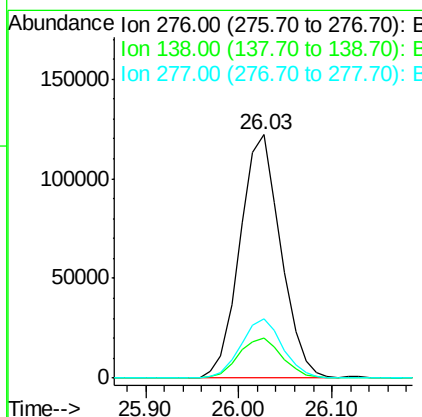
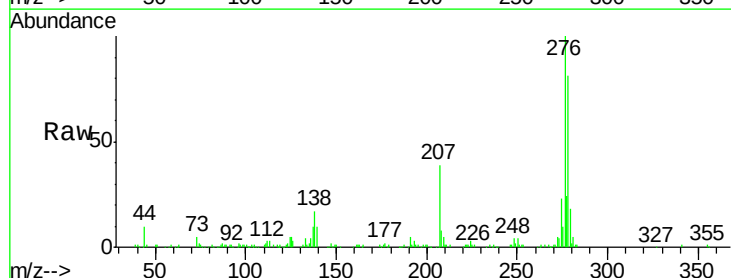
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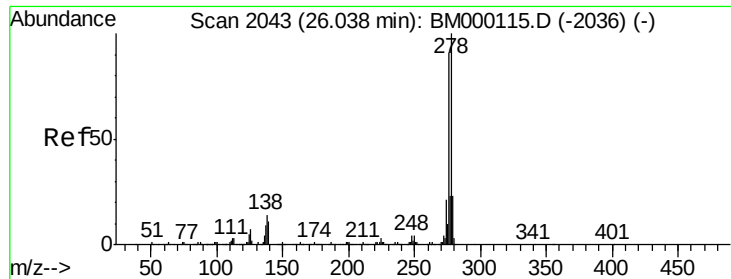
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.33 ng/ul
RT: 26.03 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	14.2	21.2
277	24.4	18.8	28.2





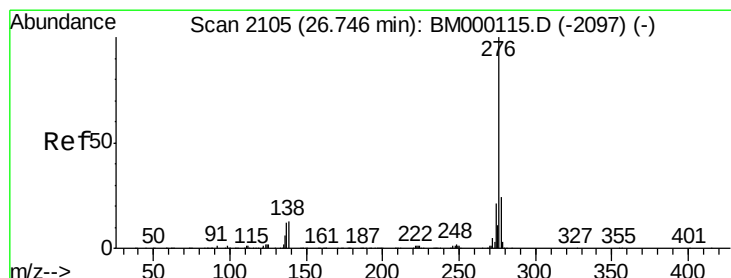
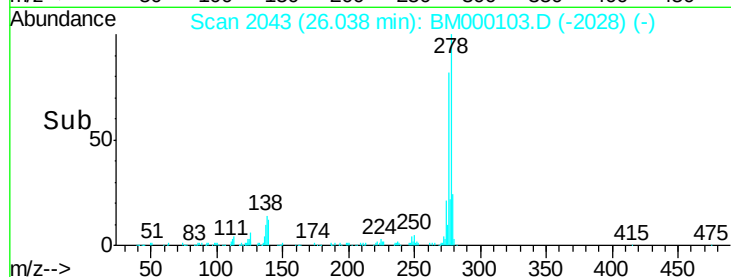
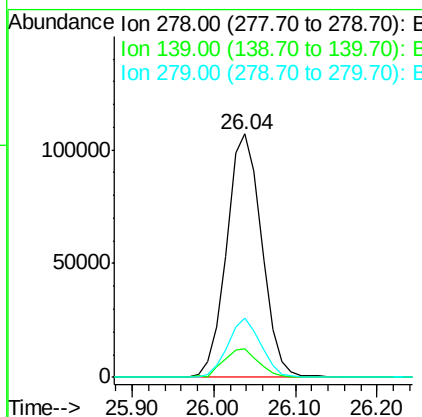
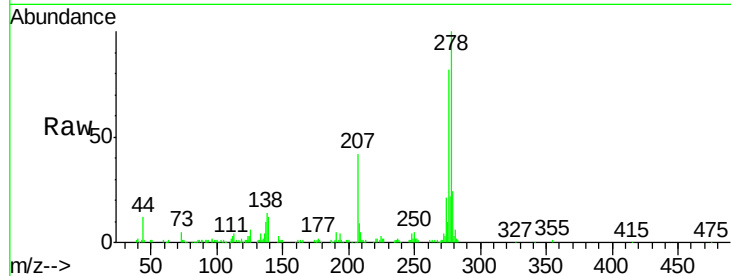
#90
Dibenzo(a,h)anthracene
Concen: 3.39 ng/ul
RT: 26.04 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	11.5	10.2	15.2
279	24.3	19.2	28.8

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#91
Benzo(g,h,i)perylene
Concen: 3.31 ng/ul
RT: 26.74 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BM000103.D
Acq: 02 Jan 2015 10:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	15.7	12.1	18.1
277	23.6	19.0	28.4

