

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
 Data File : BM000105.D
 Acq On : 02 Jan 2015 12:02
 Operator : TP/IZ
 Sample : MDL-03-S-ML
 Misc : MDL-03-SOIL-4PPM-ML
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S-ML

Manual Integrations
 APPROVED

TEJASKUMAR
 1/6/2015 1:39:21 PM

Quant Time: Jan 03 05:03:50 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	283536	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1250326	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	912813	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	1933769	20.00	ng/ul	-0.01
75) Chrysene-d12	21.40	240	2202356	20.00	ng/ul	-0.01
83) Perylene-d12	23.71	264	1962796	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	37692	7.71	ng/uL	-0.01
5) Phenol-d5	7.00	99	856570	34.87	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	520062	34.63	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	604860	34.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	669719	34.51	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	318198	36.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	352054m	39.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	654874m	33.45	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.77	131	890830	40.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2338941	34.74	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2694302	33.41	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	375810	34.56	ng/ul	0.00
57) Fluorene-d10	15.47	176	1929786	33.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	235769	24.58	ng/ul	0.00
70) Anthracene-d10	17.32	188	3092722	34.59	ng/ul	0.00
76) Pyrene-d10	19.61	212	3548376	34.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	3253028	36.73	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	18506	2.73	ng/uL	89
4) Benzaldehyde	6.98	77	55394	3.62	ng/ul	97
6) Phenol	7.02	94	73727	2.88	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.26	93	60141	3.08	ng/ul	99
10) 2-Chlorophenol	7.40	128	54544	2.98	ng/ul	95
11) 2-Methylphenol	8.28	108	54617	2.77	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.37	45	102446	3.25	ng/ul	99
14) Acetophenone	8.65	105	96640	2.92	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.64	70	51453	2.97	ng/ul	90
16) 4-Methylphenol	8.60	108	61516	2.88	ng/ul	95
17) Hexachloroethane	8.92	117	25581	3.06	ng/ul	89
20) Nitrobenzene	9.03	77	82393	3.20	ng/ul	99
21) Isophorone	9.56	82	140883	2.84	ng/ul	99
23) 2-Nitrophenol	9.74	139	31820	3.26	ng/ul#	84
24) 2,4-Dimethylphenol	9.80	107	76580	2.89	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.04	93	78302	2.83	ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	56430	2.90	ng/ul#	88
28) Naphthalene	10.68	128	187454	2.94	ng/ul	100
30) 4-Chloroaniline	10.79	127	69828	3.05	ng/ul	98
31) Hexachlorobutadiene	10.96	225	42204	3.06	ng/ul	93
32) Caprolactam	11.59	113	17444m	2.69	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	68084	2.85	ng/ul	96
34) 2-Methylnaphthalene	12.29	142	141067	2.98	ng/ul	95

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Quant Time: Jan 03 05:03:50 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	12.65	216	75167	2.97	ng/ul#	95
37) Hexachlorocyclopentadiene	12.64	237	35291	2.11	ng/ul	95
38) 2,4,6-Trichlorophenol	12.89	196	45147	2.80	ng/ul	95
39) 2,4,5-Trichlorophenol	12.96	196	49462	2.82	ng/ul	94
40) 1,1'-Biphenyl	13.31	154	187420	2.85	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	147093	2.92	ng/ul	98
42) 2-Nitroaniline	13.55	65	45632	2.79	ng/ul	93
44) Dimethylphthalate	13.92	163	196402	2.93	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	34970	2.92	ng/ul	96
47) Acenaphthylene	14.20	152	242998	2.86	ng/ul	99
48) 3-Nitroaniline	14.37	138	36812	3.00	ng/ul	97
49) Acenaphthene	14.54	153	157387	2.90	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	8072	1.33	ng/ul	92
52) 4-Nitrophenol	14.68	109	46879	3.24	ng/ul	97
53) Dibenzofuran	14.87	168	229609	2.93	ng/ul	98
54) 2,4-Dinitrotoluene	14.83	165	52684	2.94	ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.10	232	41056	2.71	ng/ul	89
56) Diethylphthalate	15.29	149	206034	2.92	ng/ul	98
58) Fluorene	15.52	166	192145	2.95	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	97212	3.03	ng/ul	98
60) 4-Nitroaniline	15.53	138	41293	2.97	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.59	198	20858	2.13	ng/ul#	64
64) N-Nitrosodiphenylamine	15.73	169	161765	2.88	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	56837	2.88	ng/ul#	83
66) Hexachlorobenzene	16.52	284	69392	3.05	ng/ul	95
67) Atrazine	16.68	200	62673	2.83	ng/ul	99
68) Pentachlorophenol	16.86	266	30207m	2.19	ng/ul	
69) Phenanthrene	17.26	178	321654m	3.07	ng/ul	
71) Anthracene	17.35	178	315571	2.93	ng/ul	99
72) Carbazole	17.61	167	295912	3.05	ng/ul	99
73) Di-n-butylphthalate	18.17	149	355483	3.07	ng/ul#	97
74) Fluoranthene	19.27	202	386039	3.22	ng/ul	100
77) Pyrene	19.64	202	410450	3.09	ng/ul	99
78) Butylbenzylphthalate	20.54	149	155203	2.88	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.32	252	113280	2.81	ng/ul	99
80) Benzo(a)anthracene	21.39	228	398045	3.13	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	237240	3.02	ng/ul	99
82) Chrysene	21.43	228	364087	3.11	ng/ul	100
84) Di-n-octyl phthalate	22.21	149	390285	2.89	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	371338	2.96	ng/ul#	99
86) Benzo(k)fluoranthene	23.04	252	356159	3.33	ng/ul	99
88) Benzo(a)pyrene	23.60	252	352838	3.21	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	336832	2.93	ng/ul	99
90) Dibenzo(a,h)anthracene	26.04	278	285449	2.95	ng/ul	98
91) Benzo(g,h,i)perylene	26.73	276	273601	2.90	ng/ul	98

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

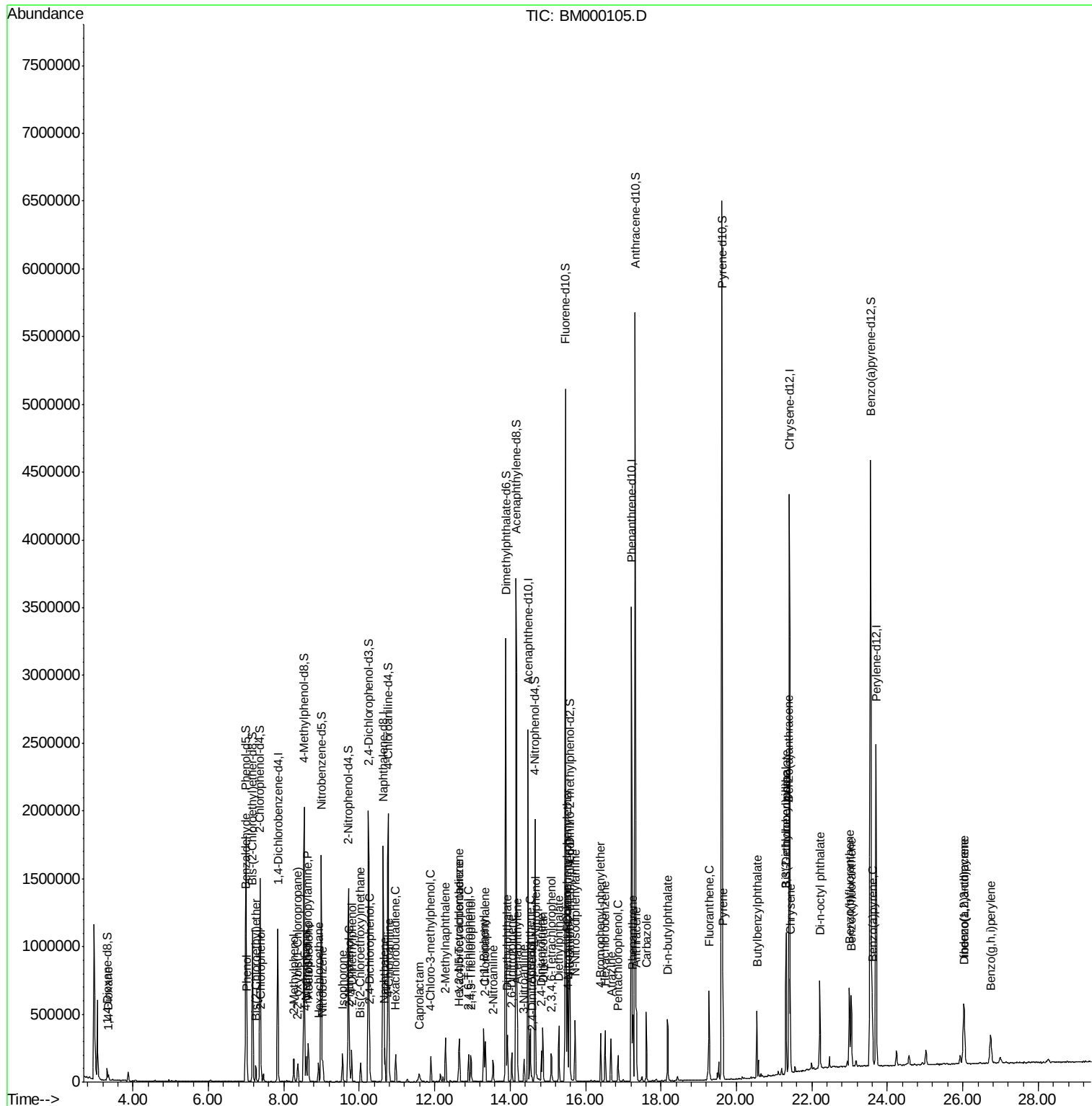
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
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 ALS Vial : 14 Sample Multiplier: 1

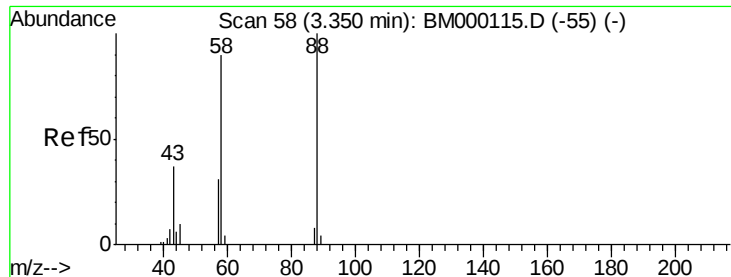
Instrument :
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#2

1,4-Dioxane

Concen: 2.73 ng/uL

RT: 3.35 min Scan# 58

Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Instrument :

BNA_M

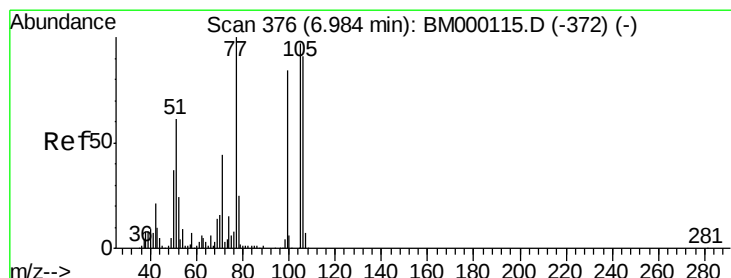
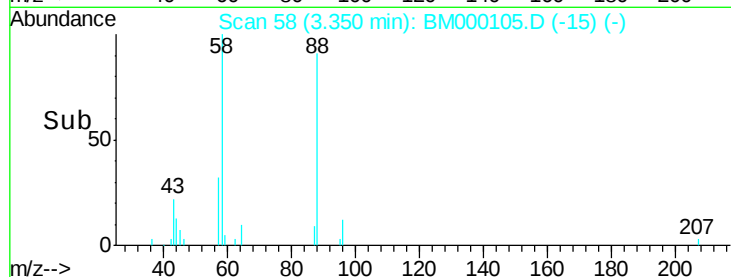
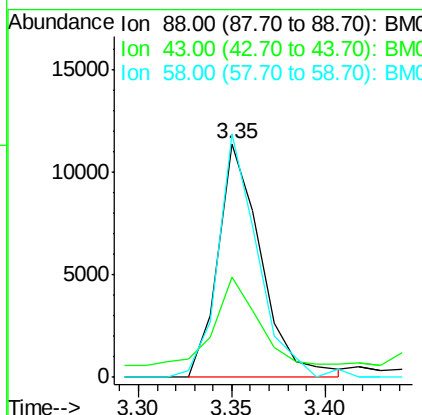
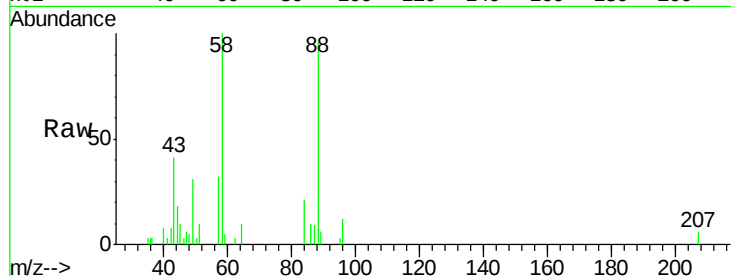
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	88	Resp:	18506
Ion Ratio	Lower	Upper	
88	100		
43	36.8	34.9	52.3
58	93.7	67.3	100.9

Manual Integrations
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#4

Benzaldehyde

Concen: 3.62 ng/uL

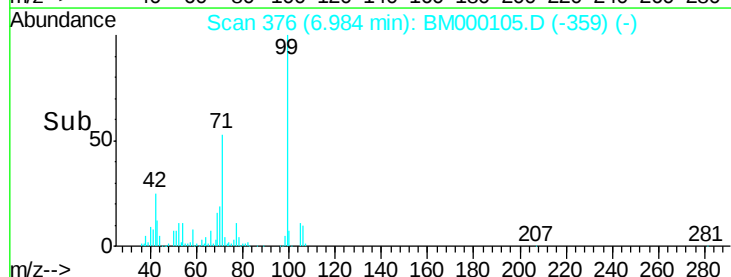
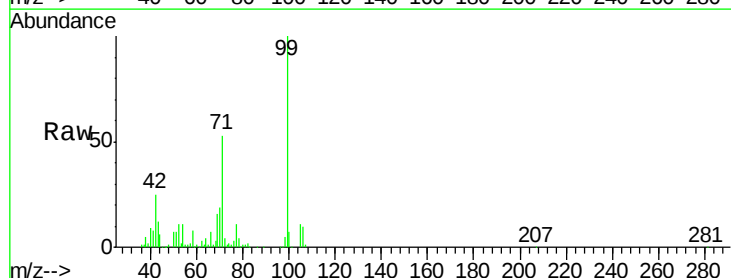
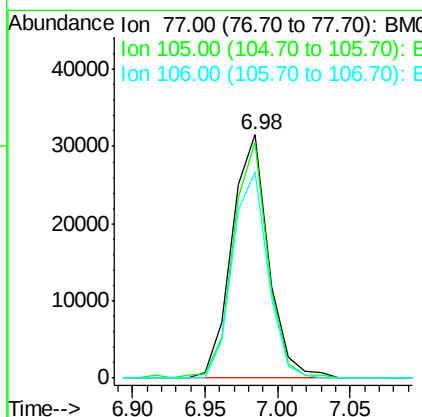
RT: 6.98 min Scan# 376

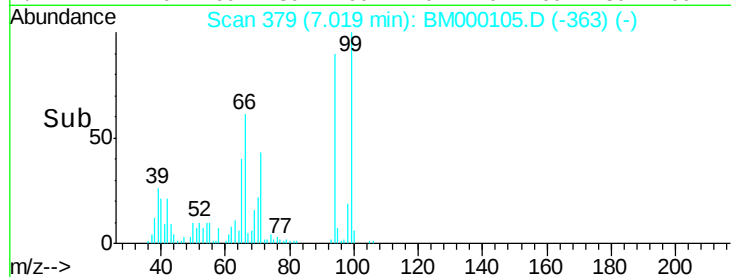
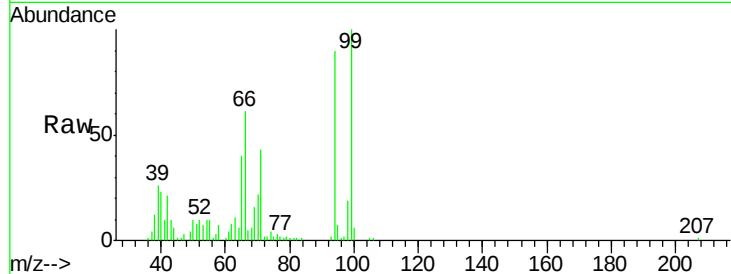
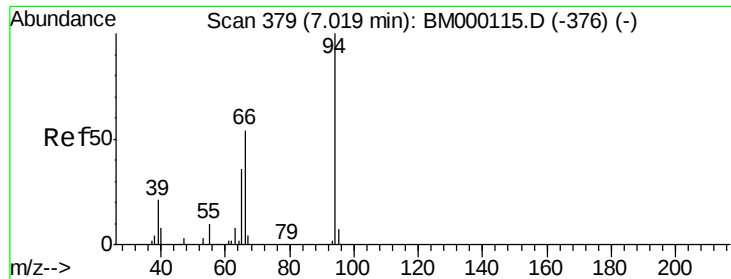
Delta R.T. -0.00 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Tgt Ion:	77	Resp:	55394
Ion Ratio	Lower	Upper	
77	100		
105	97.1	73.5	110.3
106	84.9	67.9	101.9





#6

Phenol

Concen: 2.88 ng/ul

RT: 7.02 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Tgt Ion:	94	Resp:	73727
Ion	Ratio	Lower	Upper
94	100		
65	43.9	27.4	41.0#
66	67.6	42.5	63.7#

Instrument :

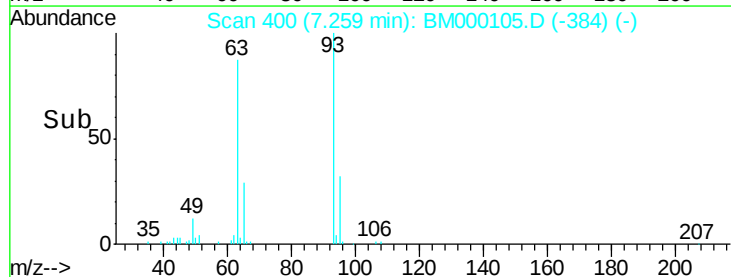
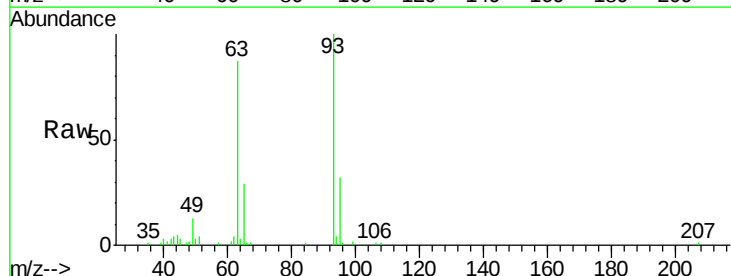
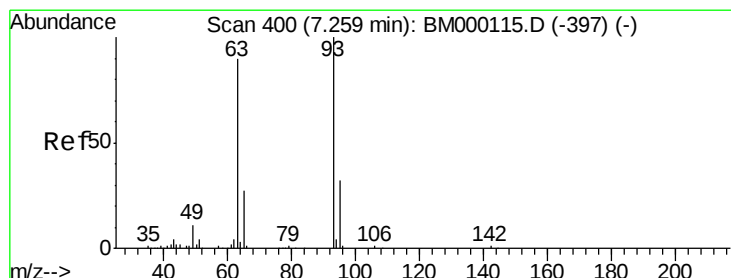
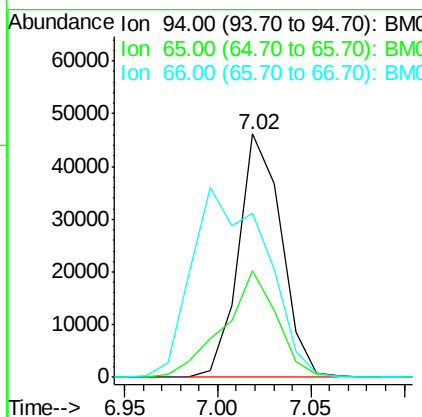
BNA_M

ClientSampleId :

MDL-03-S-ML

Manual Integrations
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#8

Bis(2-Chloroethyl)ether

Concen: 3.08 ng/ul

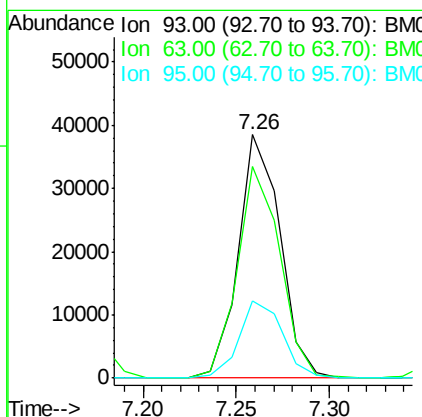
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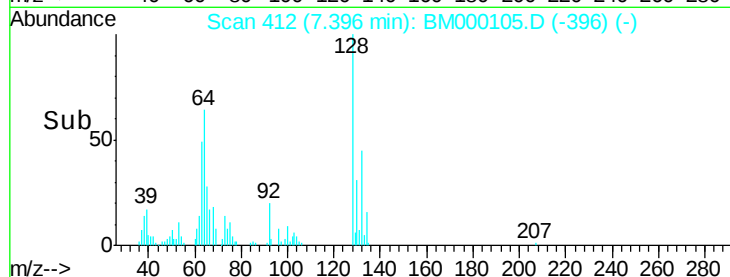
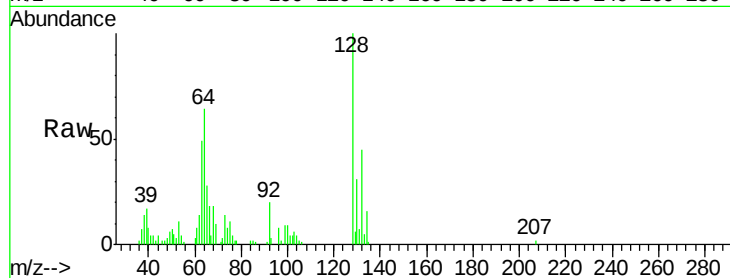
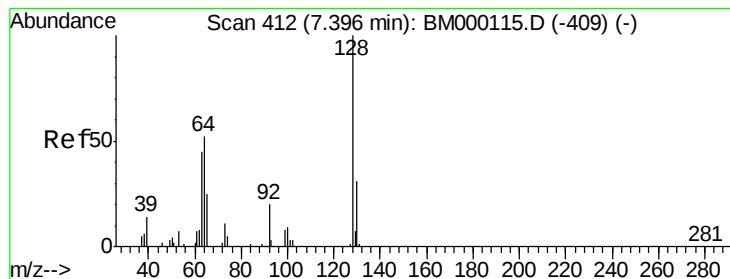
Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Tgt Ion:	93	Resp:	60141
Ion	Ratio	Lower	Upper
93	100		
63	86.8	68.9	103.3
95	31.9	24.6	37.0





#10

2-Chlorophenol

Concen: 2.98 ng/ul

RT: 7.40 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Tgt Ion:	128	Resp:	54544
Ion Ratio	Lower	Upper	
128	100		
64	63.9	47.2	70.8
130	30.9	25.2	37.8

Instrument :

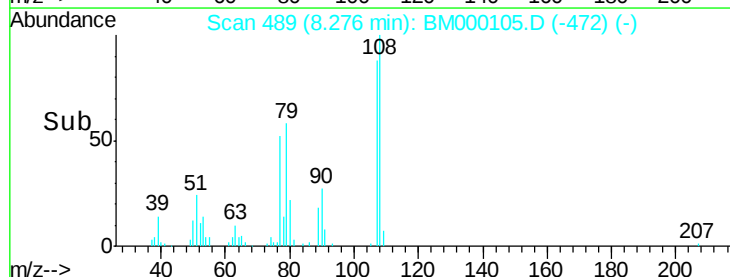
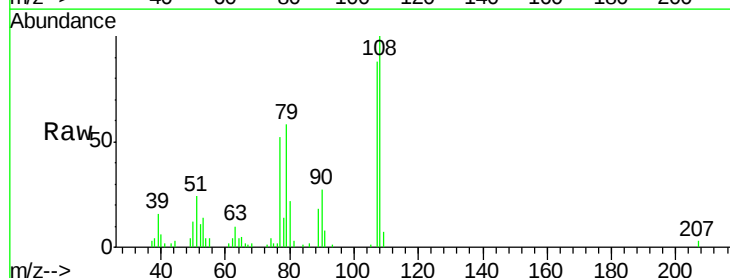
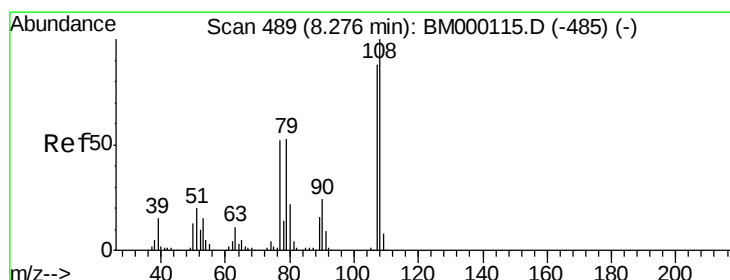
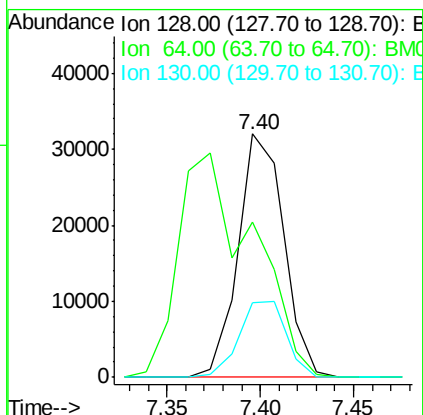
BNA_M

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#11

2-Methylphenol

Concen: 2.77 ng/ul

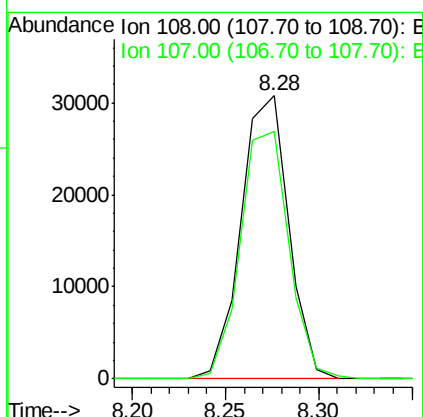
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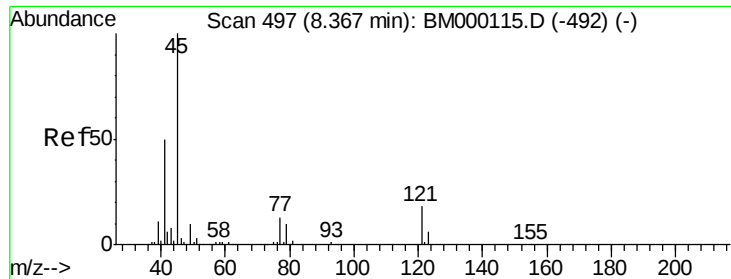
Delta R.T. -0.00 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Tgt Ion:	108	Resp:	54617
Ion Ratio	Lower	Upper	
108	100		
107	87.6	70.7	106.1





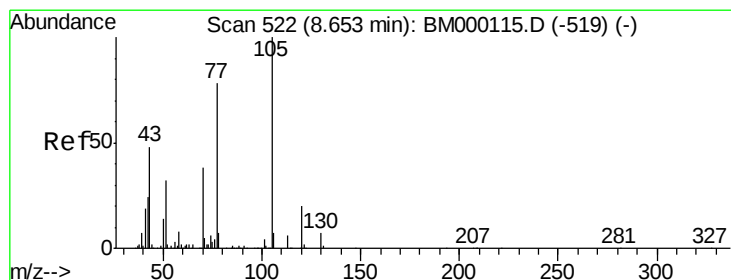
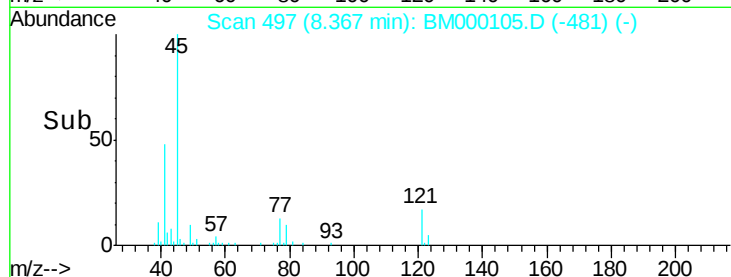
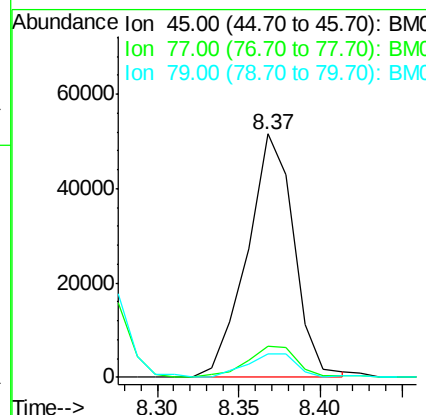
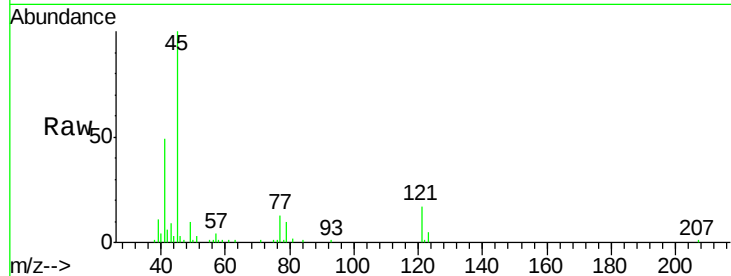
#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.25 ng/ul
RT: 8.37 min Scan# 497
Delta R.T. -0.01 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

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ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	102446		
77	12.7		9.9	14.9
79	9.6		8.3	12.5

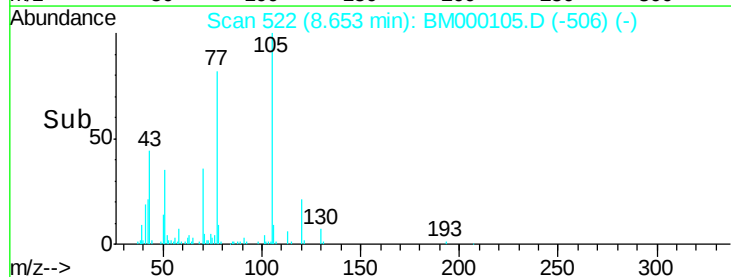
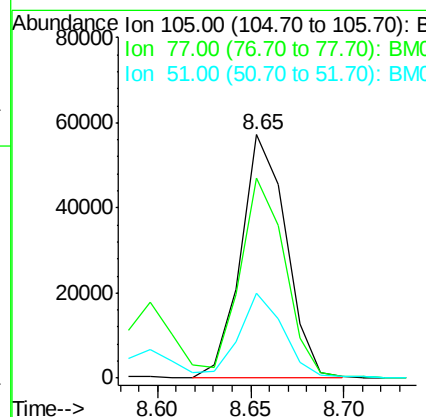
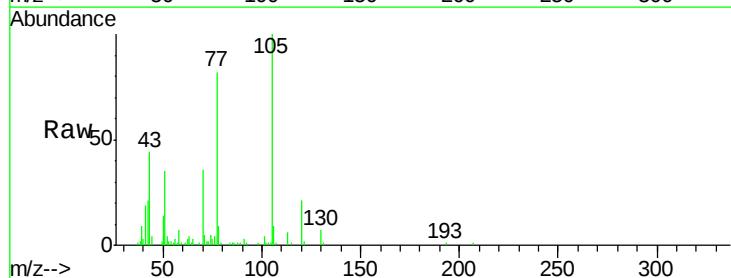
Manual Integrations
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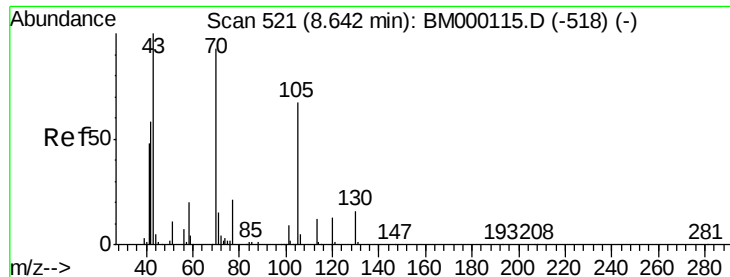
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#14
Acetophenone
Concen: 2.92 ng/ul
RT: 8.65 min Scan# 522
Delta R.T. -0.01 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	96640		
77	82.4		66.3	99.5
51	34.9		26.5	39.7





#15

N-Nitroso-di-n-propylamine

Concen: 2.97 ng/ul

RT: 8.64 min Scan# 521

Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Instrument :

BNA_M

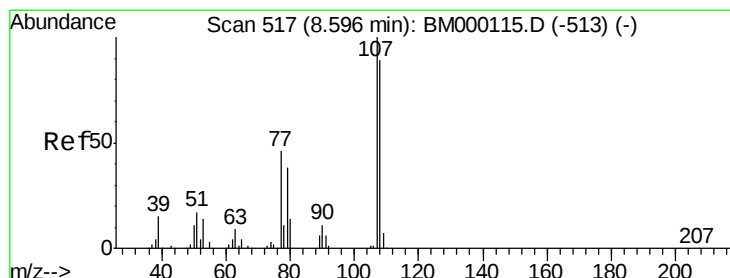
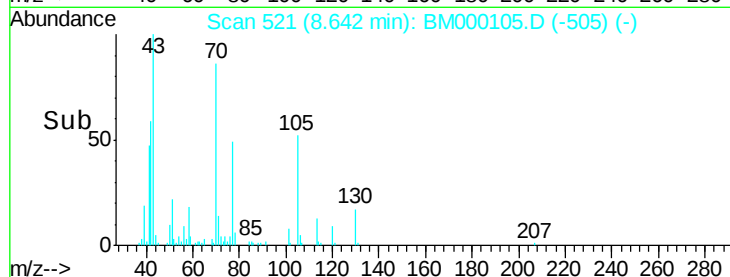
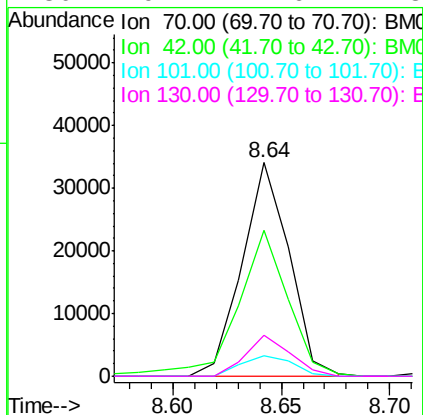
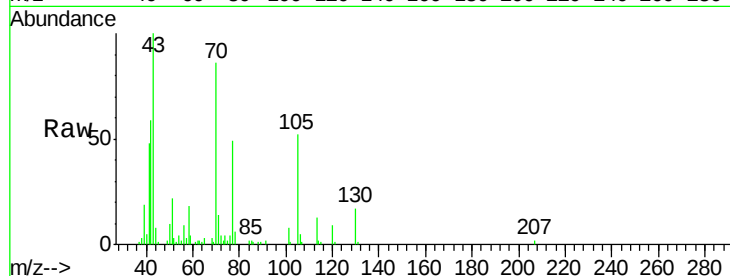
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	70	Resp:	51453
Ion Ratio	Lower	Upper	
70	100		
42	68.5	46.4	69.6
101	9.8	7.8	11.8
130	19.4	14.6	21.8

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#16

4-Methylphenol

Concen: 2.88 ng/ul

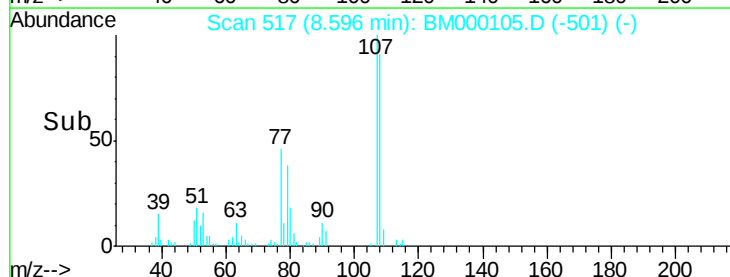
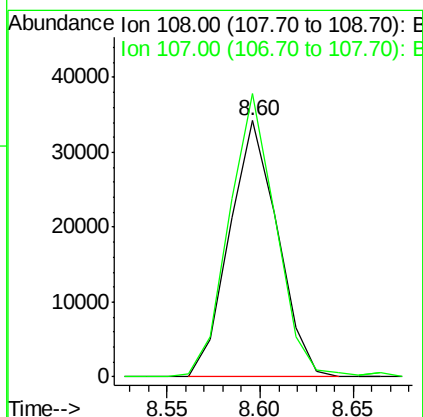
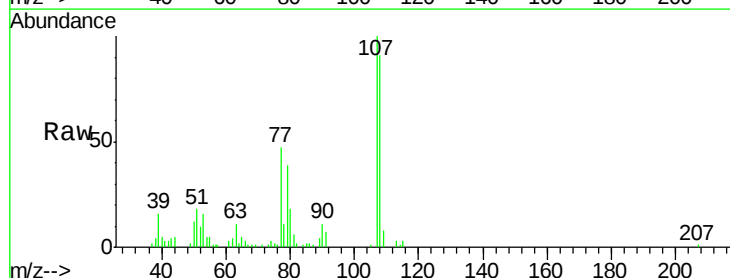
RT: 8.60 min Scan# 517

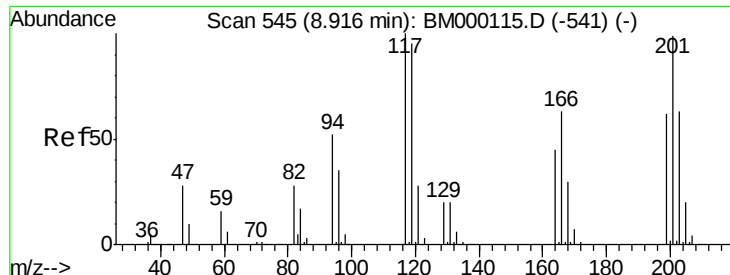
Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Tgt Ion:	108	Resp:	61516
Ion Ratio	Lower	Upper	
108	100		
107	110.5	84.0	126.0





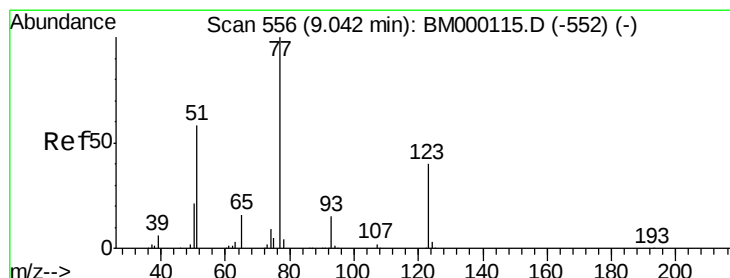
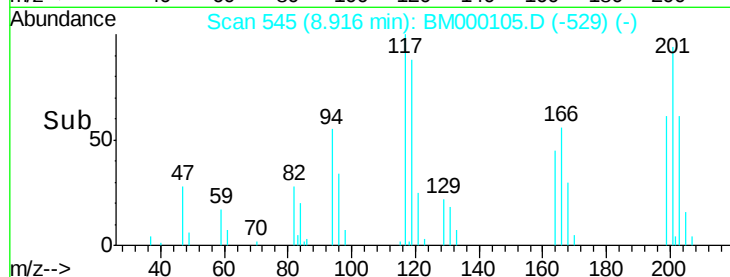
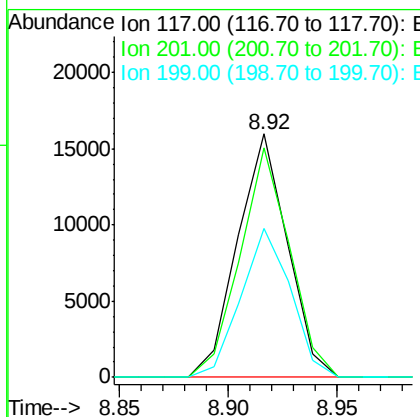
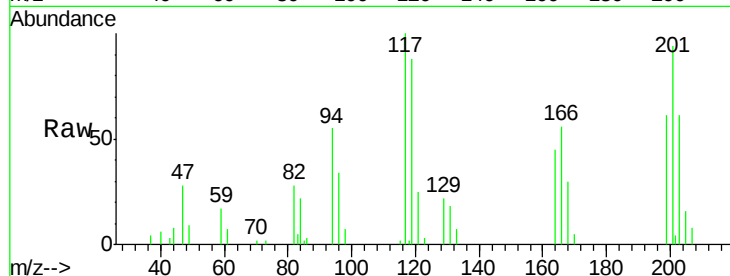
#17
Hexachloroethane
Concen: 3.06 ng/ul
RT: 8.92 min Scan# 545
Delta R.T. -0.01 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	25581		
201	94.2	85.2	127.8	
199	61.1	55.1	82.7	

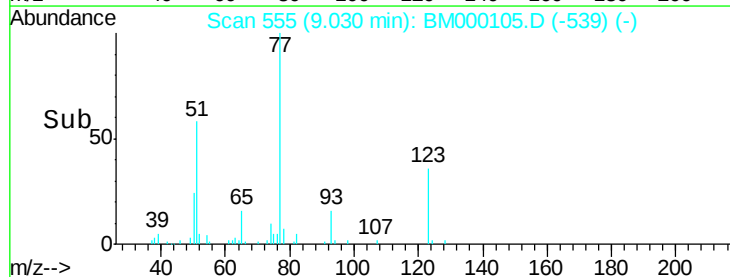
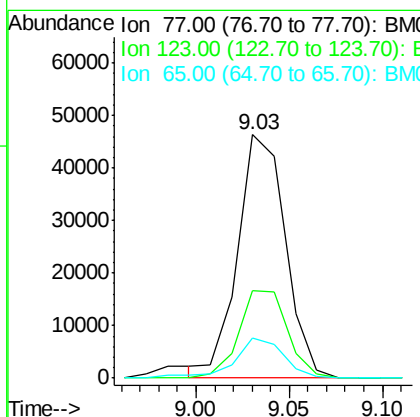
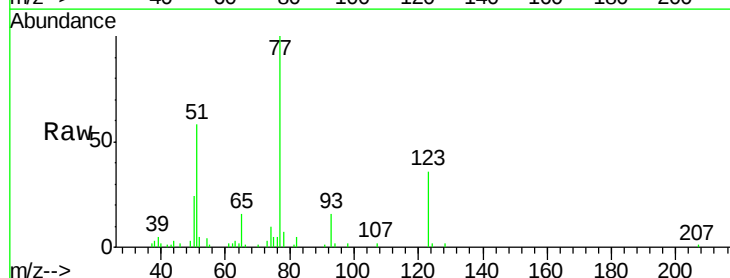
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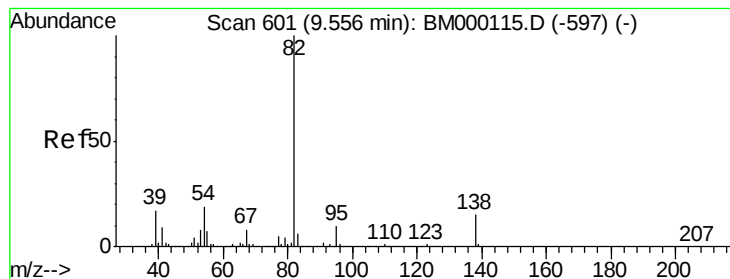
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#20
Nitrobenzene
Concen: 3.20 ng/ul
RT: 9.03 min Scan# 555
Delta R.T. -0.01 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	82393		
123	35.7	29.2	43.8	
65	16.2	12.4	18.6	





#21

Isophorone

Concen: 2.84 ng/ul

RT: 9.56 min Scan# 601

Delta R.T. -0.01 min

Lab File: BM000105.D

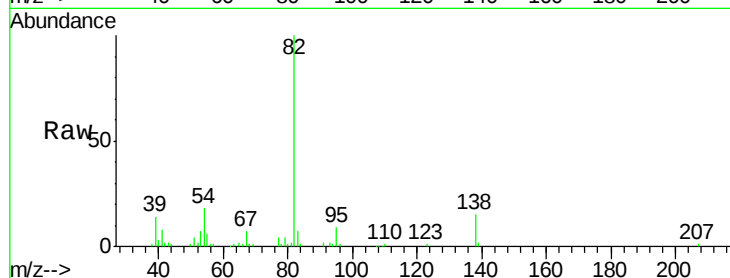
Acq: 02 Jan 2015 12:02

Instrument :

BNA_M

ClientSampleId :

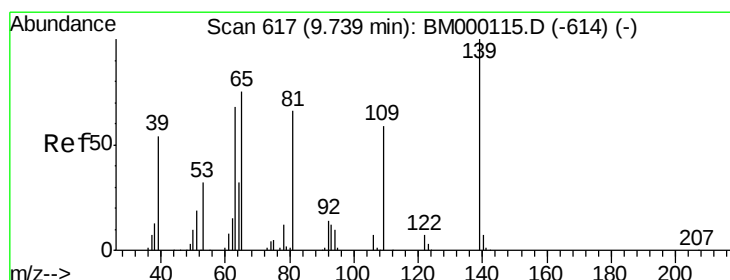
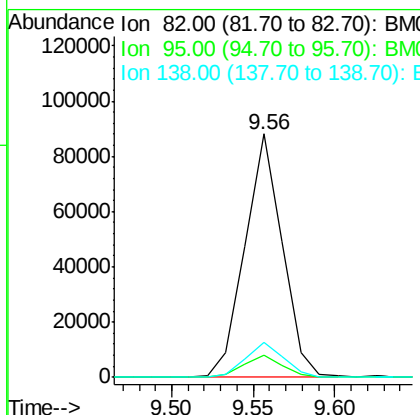
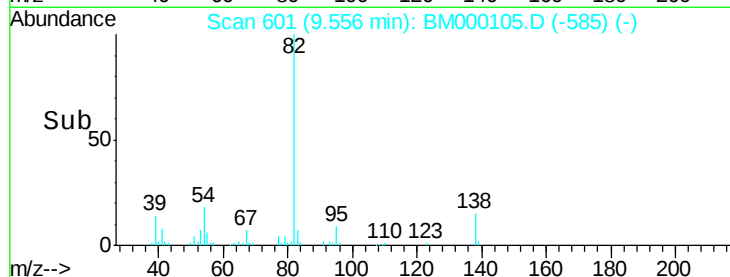
MDL-03-S-ML



Tgt Ion	Ratio	Resp	Lower	Upper
82	100	140883		
95	9.2	6.9	10.3	
138	14.6	12.1	18.1	

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#23

2-Nitrophenol

Concen: 3.26 ng/ul

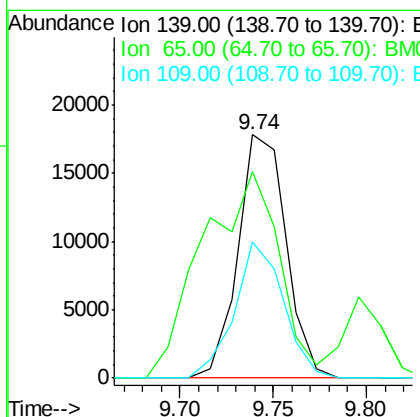
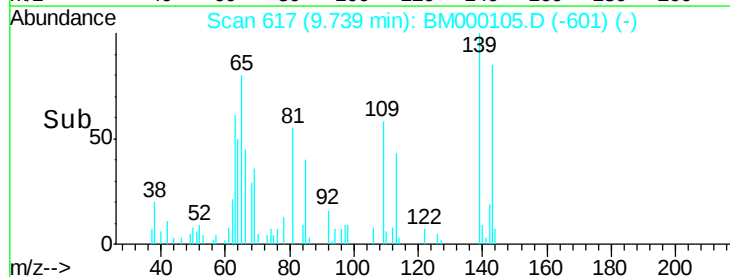
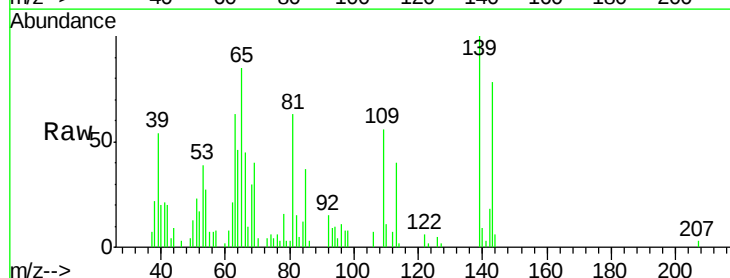
RT: 9.74 min Scan# 617

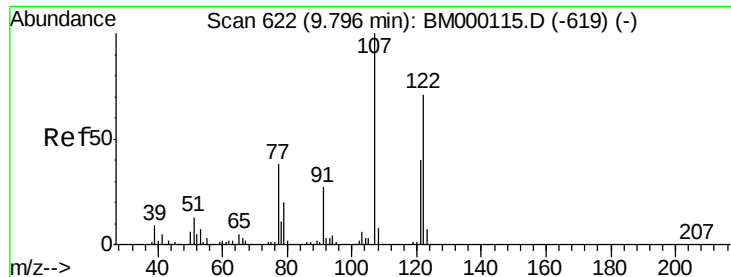
Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	31820		
65	84.7	56.3	84.5#	
109	56.0	37.1	55.7#	





#24

2,4-Dimethylphenol

Concen: 2.89 ng/ul

RT: 9.80 min Scan# 622

Delta R.T. -0.01 min

Lab File: BM000105.D

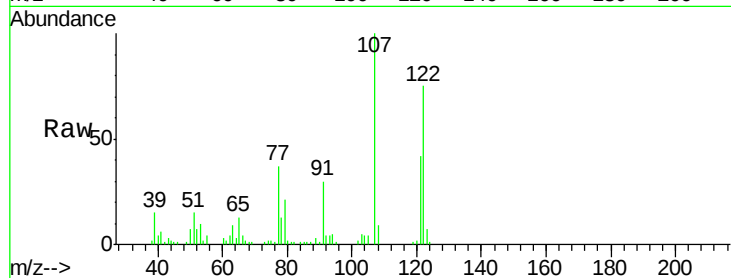
Acq: 02 Jan 2015 12:02

Instrument :

BNA_M

ClientSampleId :

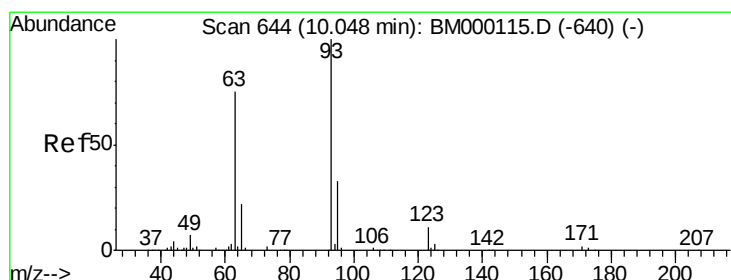
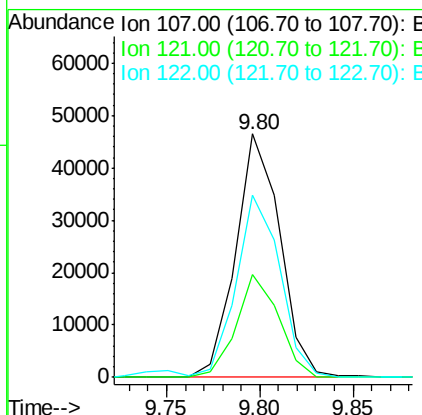
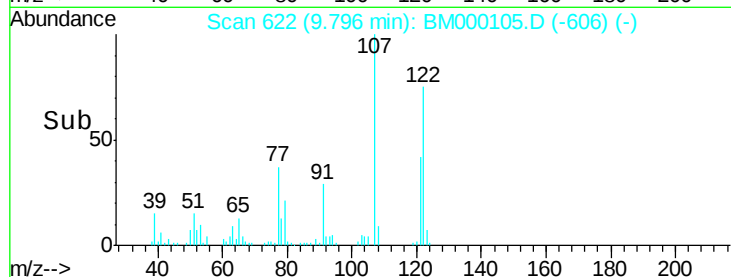
MDL-03-S-ML



Tgt Ion:	107	Resp:	76580
Ion Ratio	Lower	Upper	
107	100		
121	42.2	33.0	49.6
122	75.0	59.3	88.9

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#25

Bis(2-Chloroethoxy)methane

Concen: 2.83 ng/ul

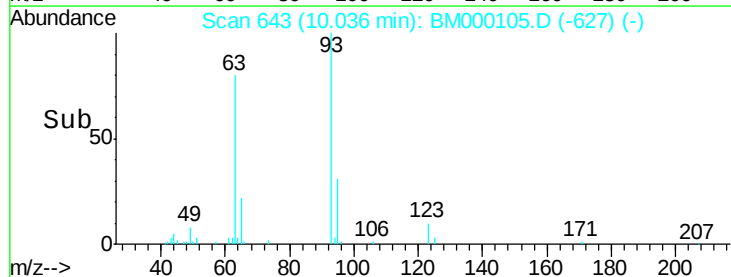
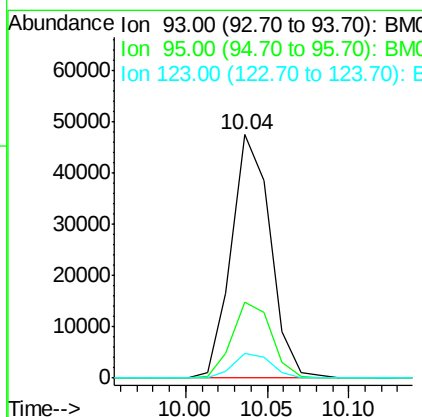
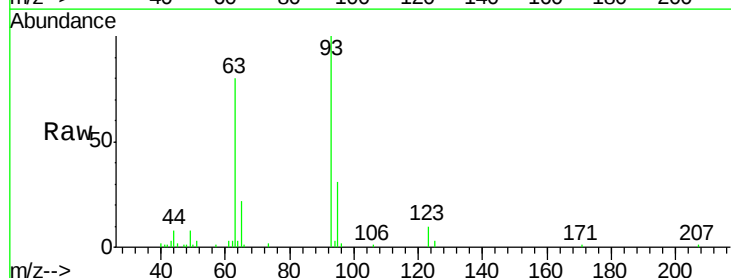
RT: 10.04 min Scan# 643

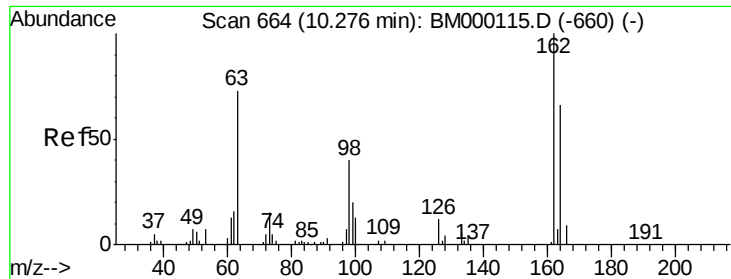
Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Tgt Ion:	93	Resp:	78302
Ion Ratio	Lower	Upper	
93	100		
95	31.2	26.1	39.1
123	10.2	7.4	11.2





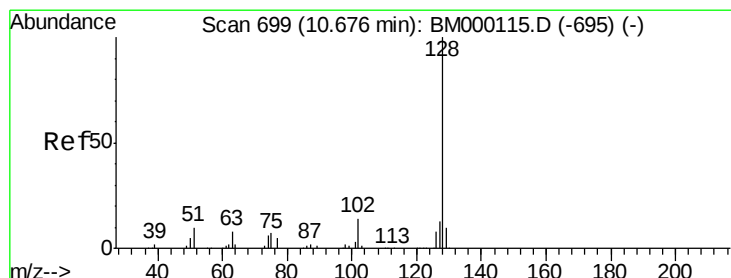
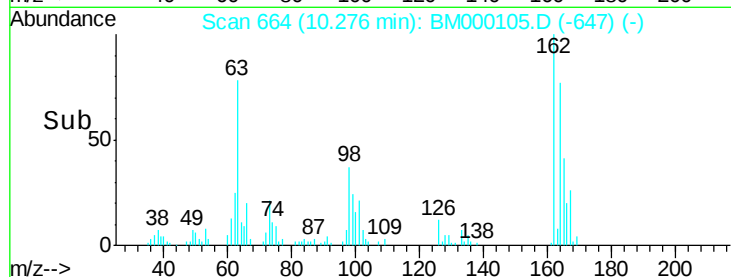
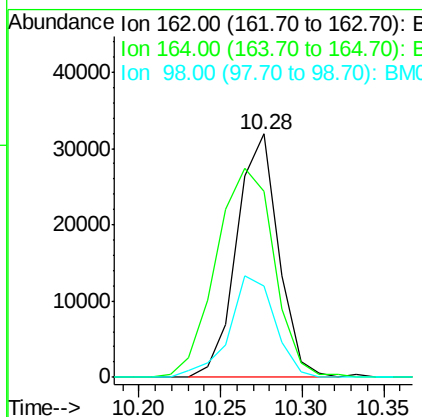
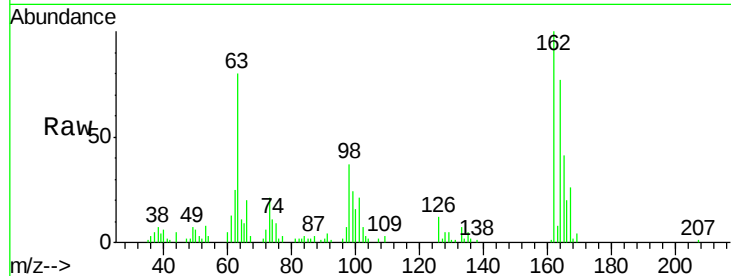
#27
2,4-Dichlorophenol
Concen: 2.90 ng/ul
RT: 10.28 min Scan# 664
Delta R.T. -0.00 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	56430		
164	76.6	50.2	75.4#	
98	37.5	31.4	47.2	

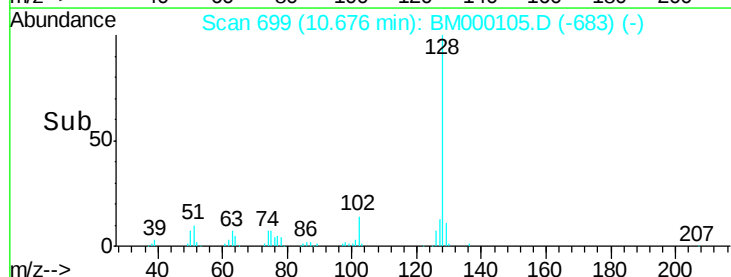
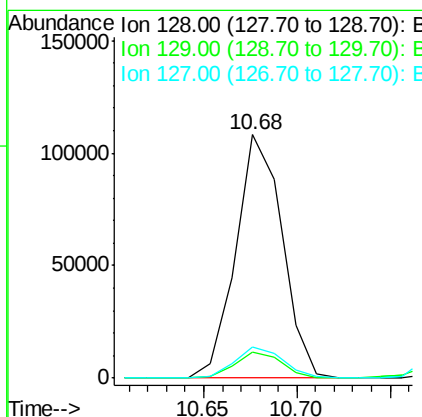
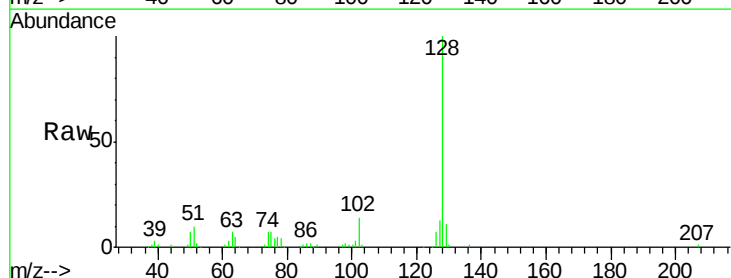
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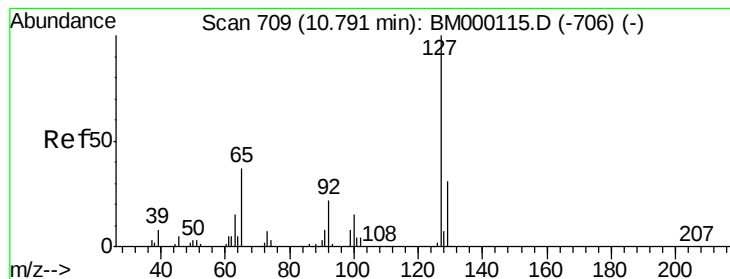
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#28
Naphthalene
Concen: 2.94 ng/ul
RT: 10.68 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	187454		
129	10.6	8.6	13.0	
127	12.9	10.3	15.5	





#30

4-Chloroaniline

Concen: 3.05 ng/ul

RT: 10.79 min Scan# 709

Delta R.T. -0.00 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

Tgt Ion:127 Resp: 69828

Ion Ratio Lower Upper

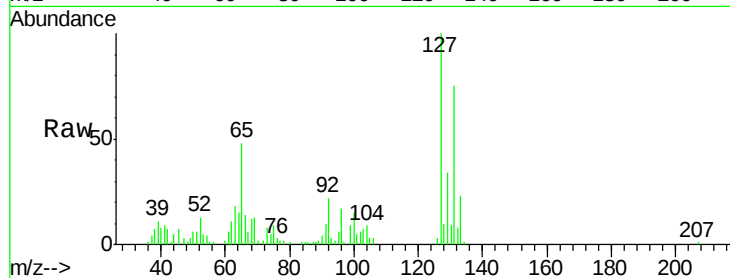
127 100

129 34.2 26.5 39.7

Manual Integrations

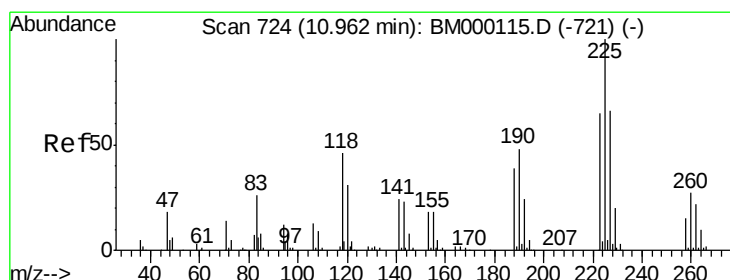
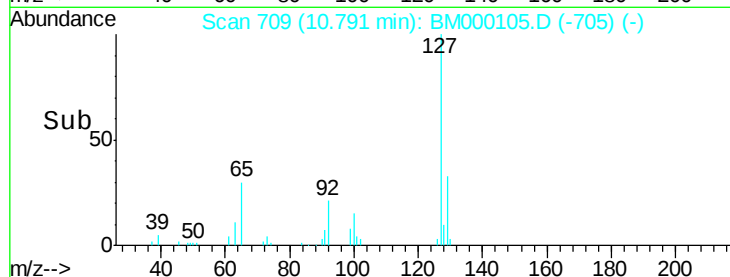
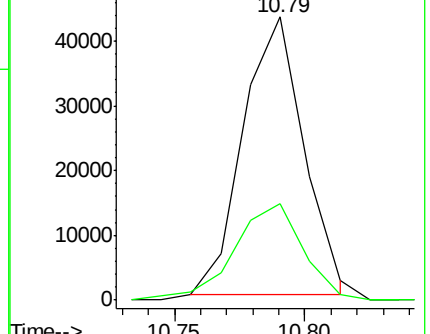
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Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 3.06 ng/ul

RT: 10.96 min Scan# 724

Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

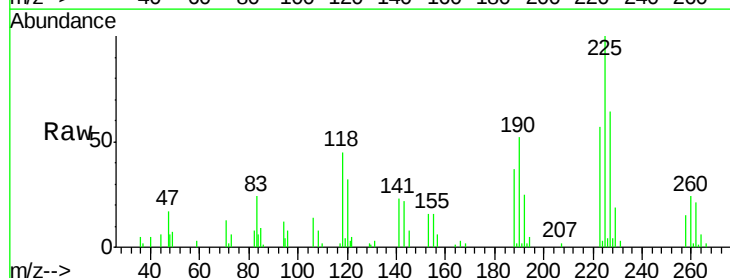
Tgt Ion:225 Resp: 42204

Ion Ratio Lower Upper

225 100

223 57.4 54.4 81.6

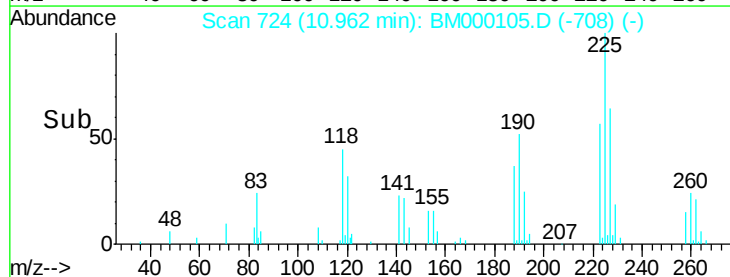
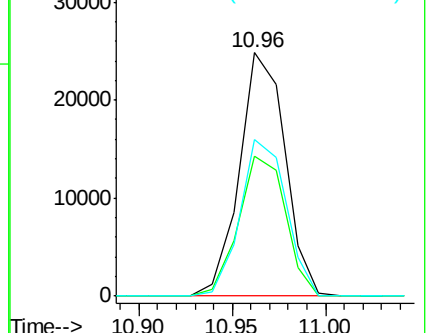
227 64.4 51.8 77.8

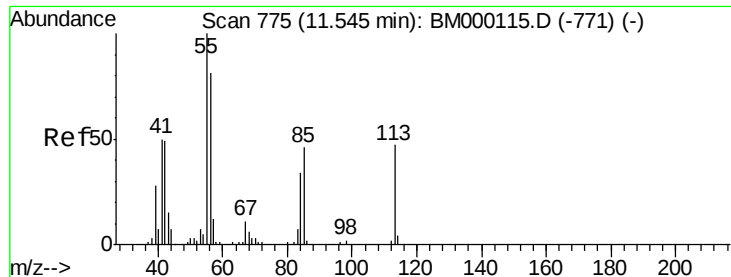


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 2.69 ng/ul m

RT: 11.59 min Scan# 779

Delta R.T. 0.05 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Instrument :

BNA_M

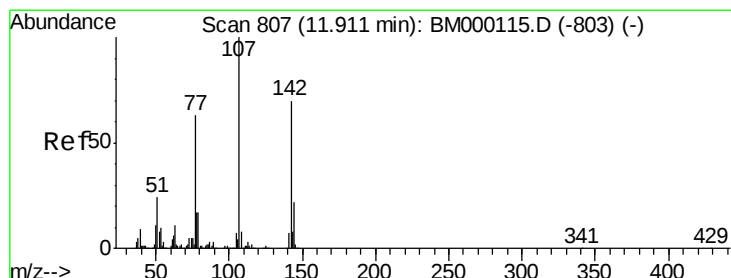
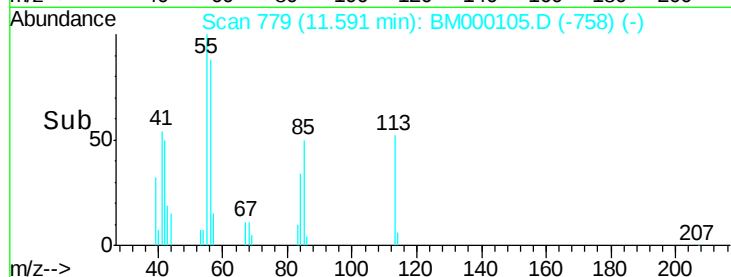
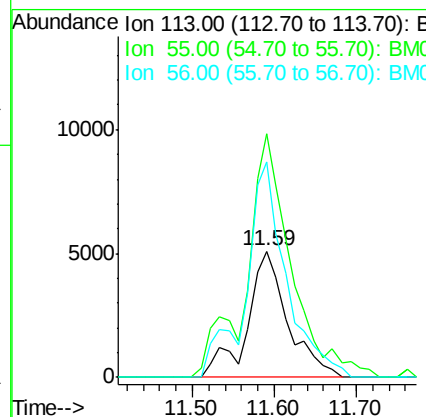
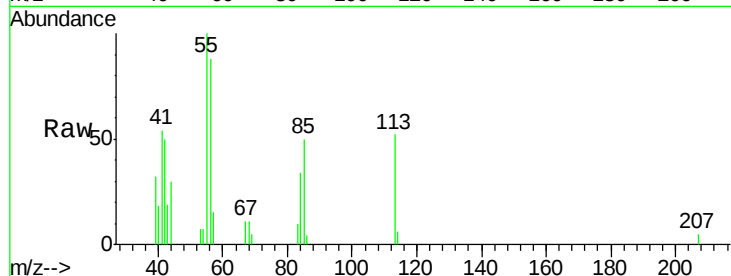
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	113	Resp:	17444
Ion Ratio	Lower	Upper	
113	100		
55	193.2	156.6	234.8
56	170.9	126.3	189.5

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#33

4-Chloro-3-methylphenol

Concen: 2.85 ng/ul

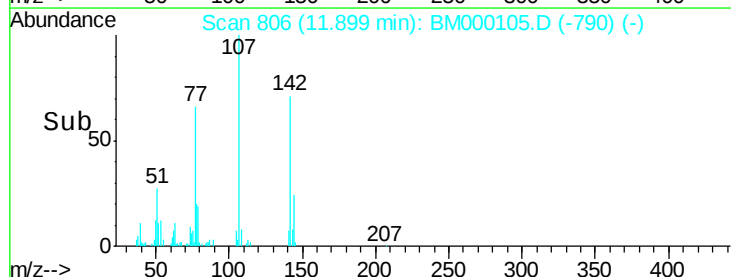
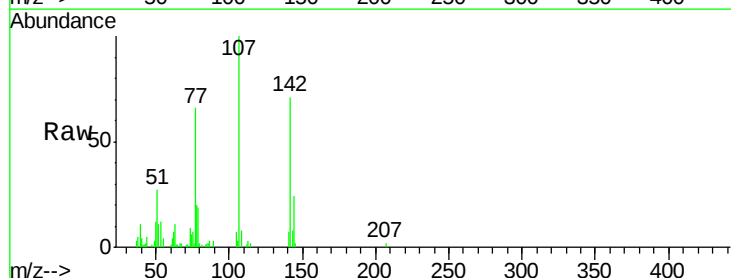
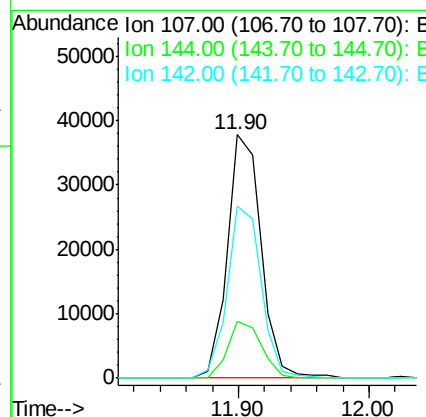
RT: 11.90 min Scan# 806

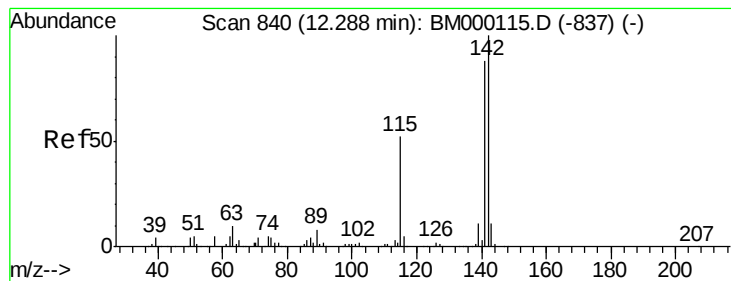
Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Tgt Ion:	107	Resp:	68084
Ion Ratio	Lower	Upper	
107	100		
144	23.5	16.6	24.8
142	70.8	54.6	82.0





#34

2-Methylnaphthalene

Concen: 2.98 ng/ul

RT: 12.29 min Scan# 840

Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Instrument :

BNA_M

ClientSampled :

MDL-03-S-ML

Tgt Ion:142 Resp: 141067

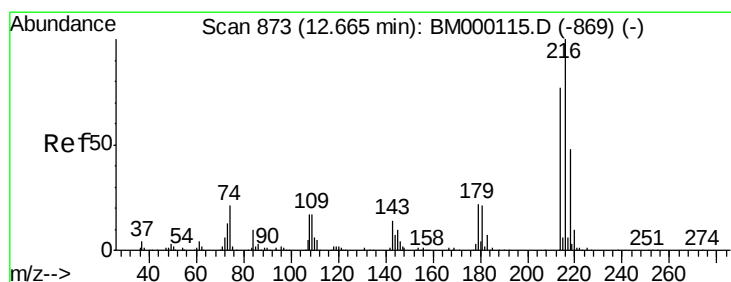
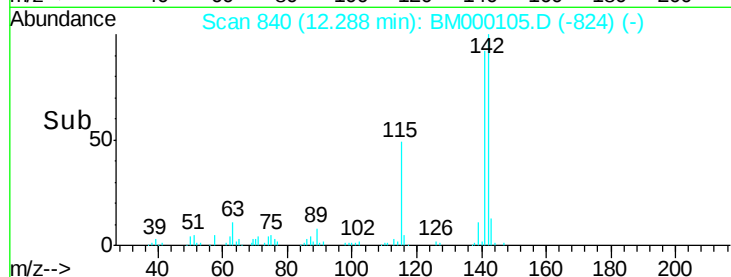
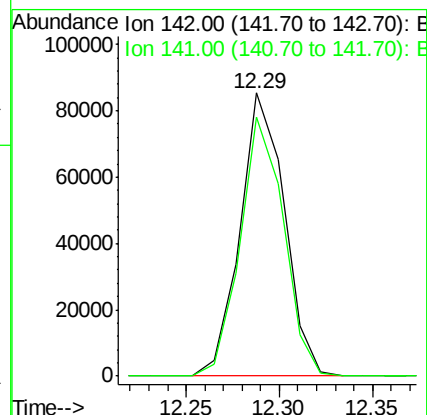
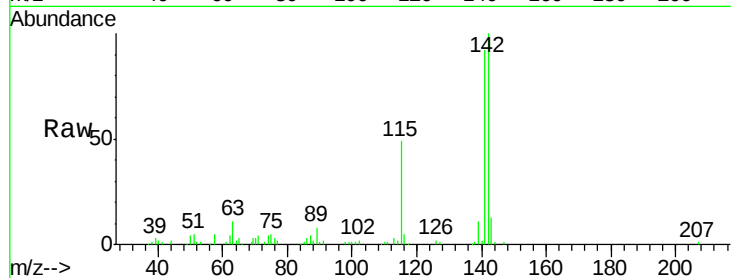
Ion Ratio Lower Upper

142 100

141 91.5 69.3 103.9

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#36

1,2,4,5-Tetrachlorobenzene

Concen: 2.97 ng/ul

RT: 12.65 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Tgt Ion:216 Resp: 75167

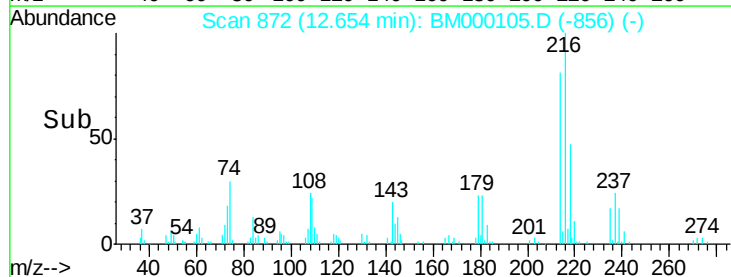
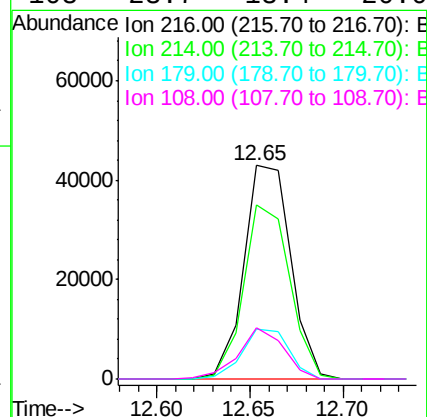
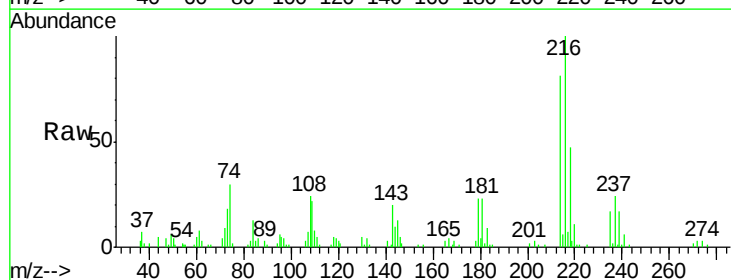
Ion Ratio Lower Upper

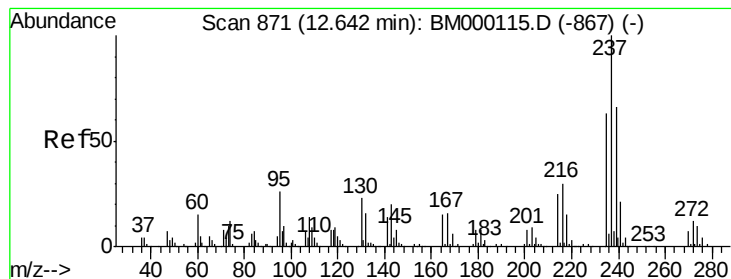
216 100

214 81.3 62.6 94.0

179 23.5 17.4 26.2

108 23.7 13.4 20.0#





#37

Hexachlorocyclopentadiene

Concen: 2.11 ng/ul

RT: 12.64 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Instrument :

BNA_M

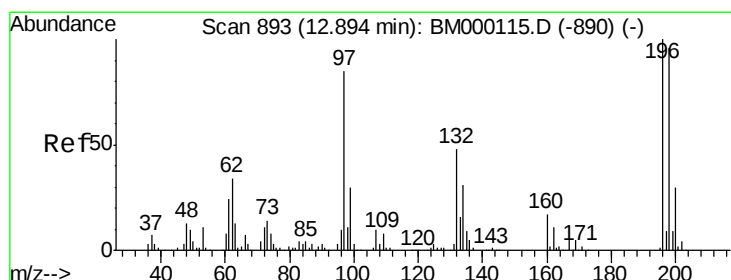
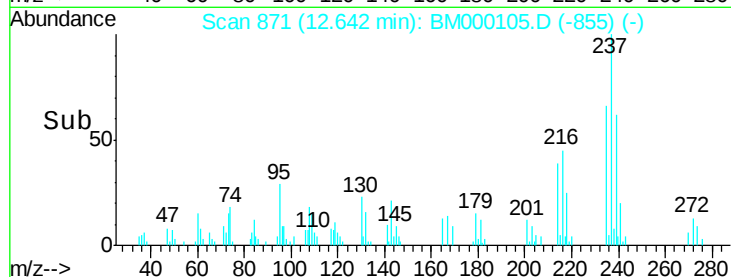
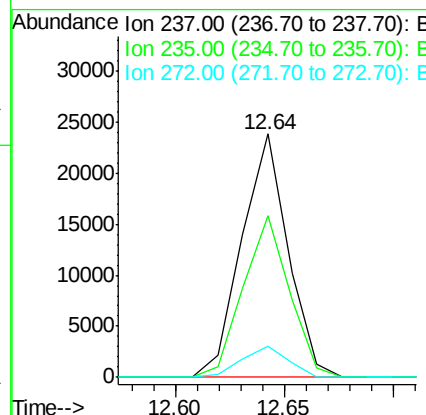
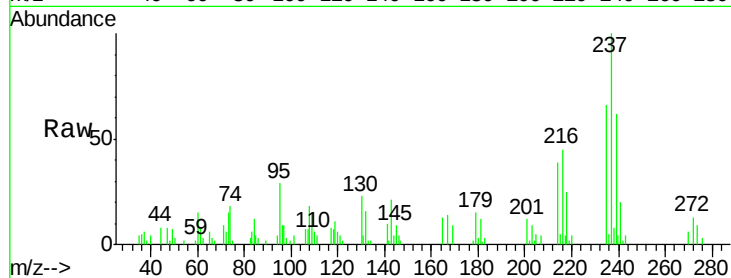
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	237	Resp:	35291
Ion Ratio	Lower	Upper	
237	100		
235	66.3	50.0	75.0
272	12.7	8.9	13.3

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#38

2,4,6-Trichlorophenol

Concen: 2.80 ng/ul

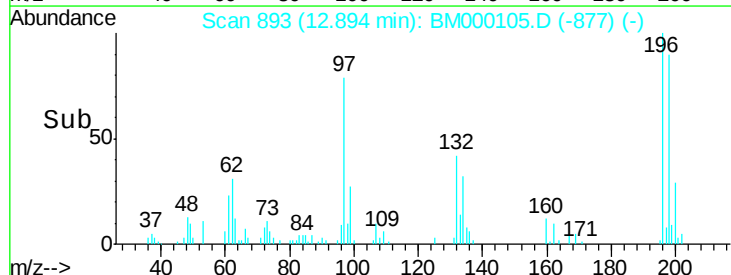
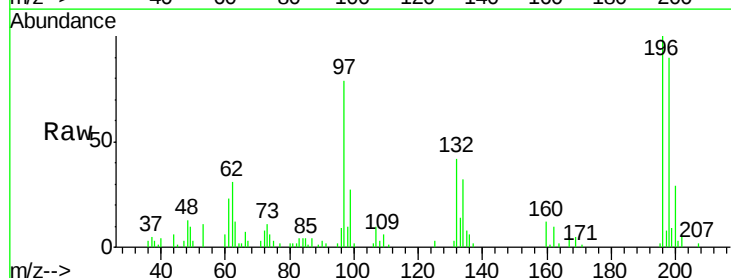
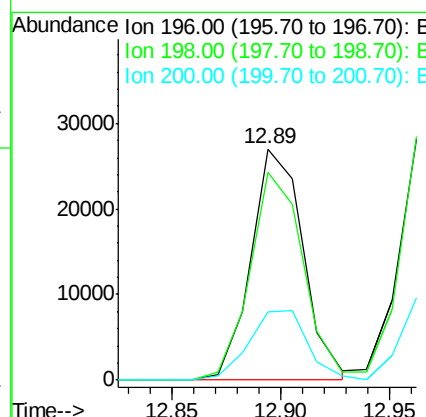
RT: 12.89 min Scan# 893

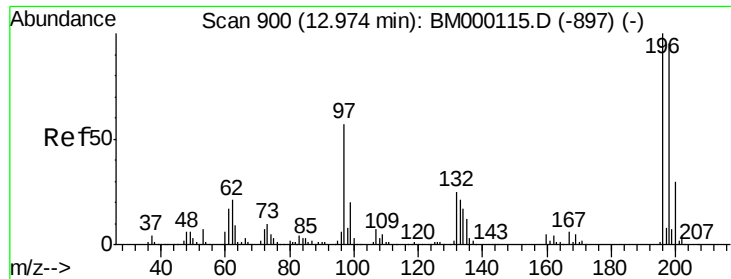
Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Tgt Ion:	196	Resp:	45147
Ion Ratio	Lower	Upper	
196	100		
198	89.7	76.6	114.8
200	29.4	24.5	36.7





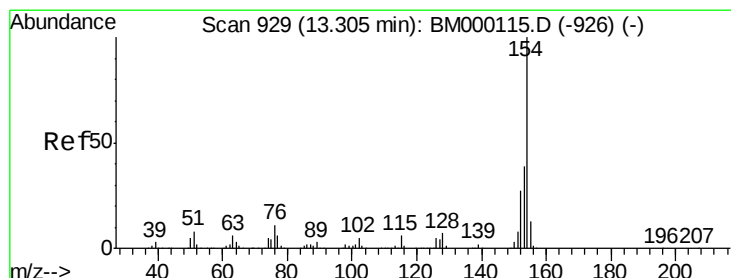
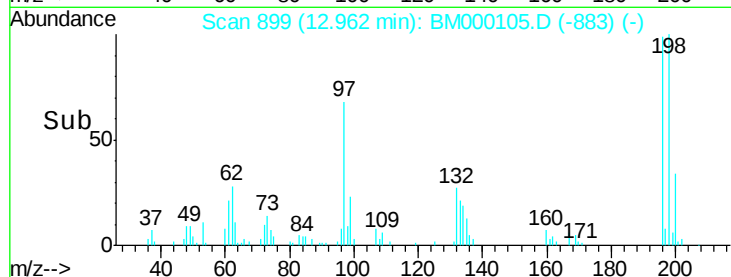
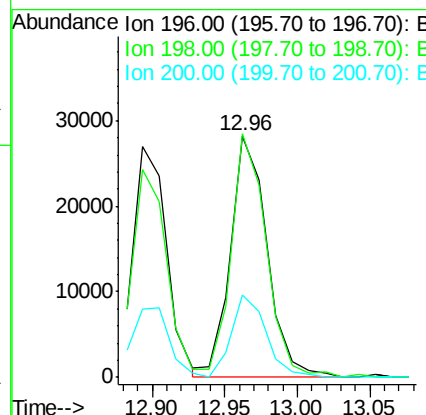
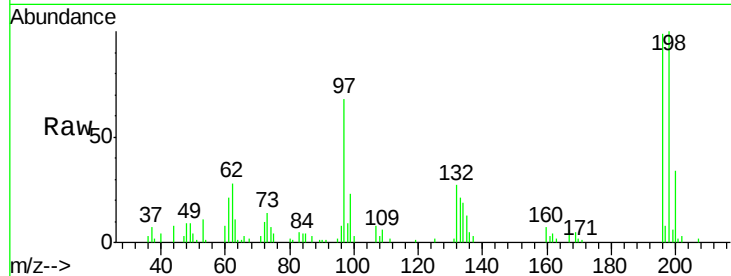
#39
 2,4,5-Trichlorophenol
 Concen: 2.82 ng/ul
 RT: 12.96 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BM000105.D
 Acq: 02 Jan 2015 12:02

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	49462		
198	100.8	75.4	113.2	
200	33.9	25.0	37.4	

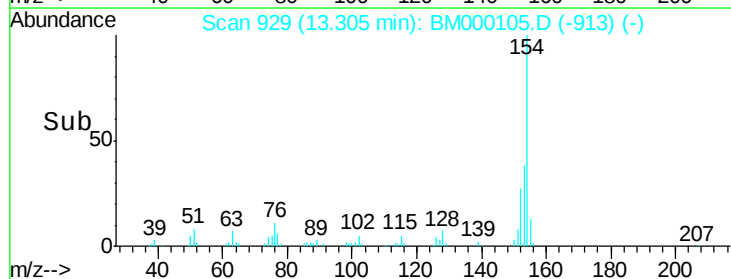
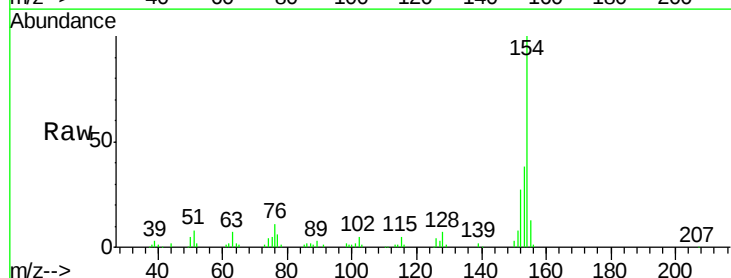
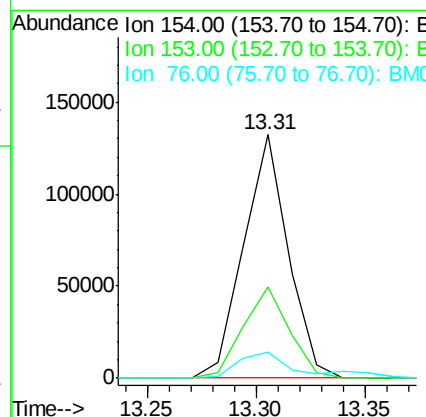
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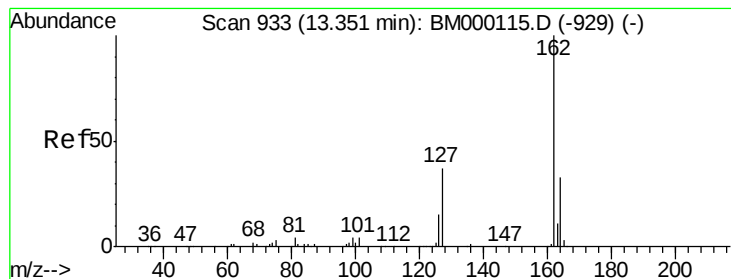
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#40
 1,1'-Biphenyl
 Concen: 2.85 ng/ul
 RT: 13.31 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BM000105.D
 Acq: 02 Jan 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	187420		
153	37.7	30.5	45.7	
76	10.5	8.9	13.3	





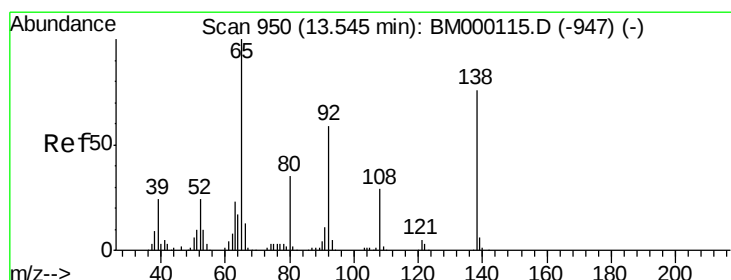
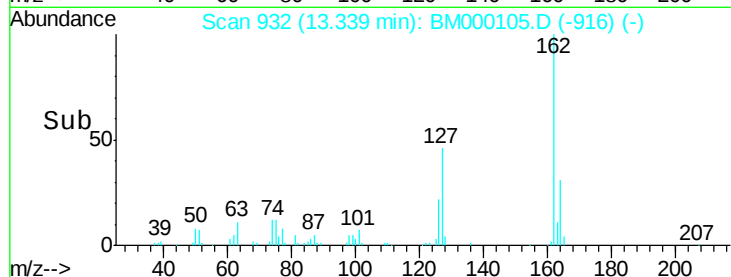
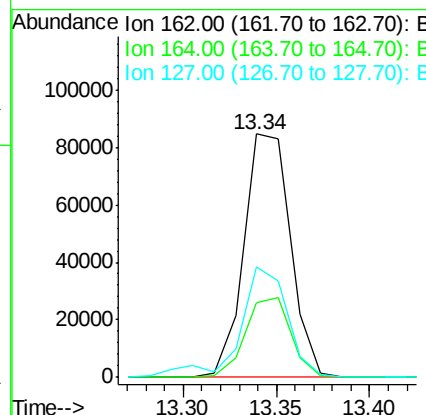
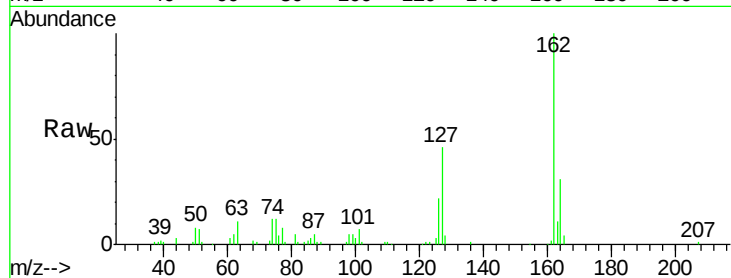
#41
 2-Chloronaphthalene
 Concen: 2.92 ng/ul
 RT: 13.34 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: BM000105.D
 Acq: 02 Jan 2015 12:02

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
162	100		
164	30.6	25.8	38.6
127	45.5	35.9	53.9

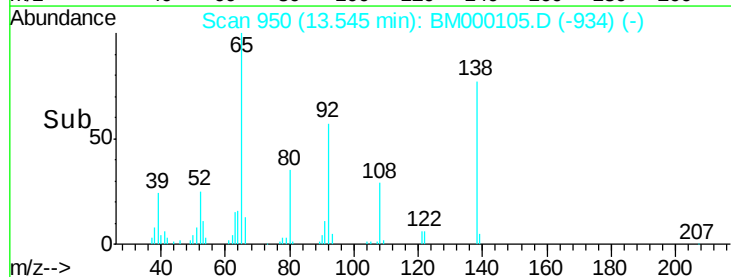
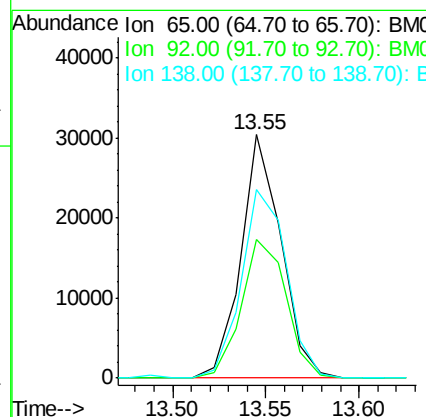
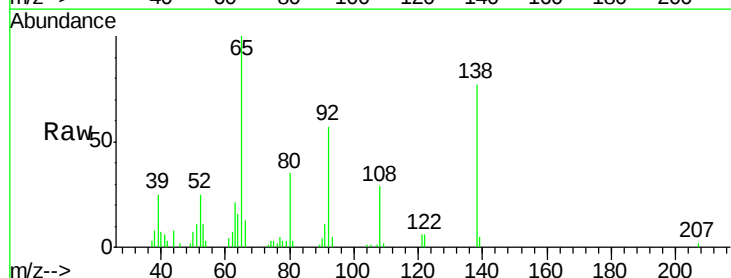
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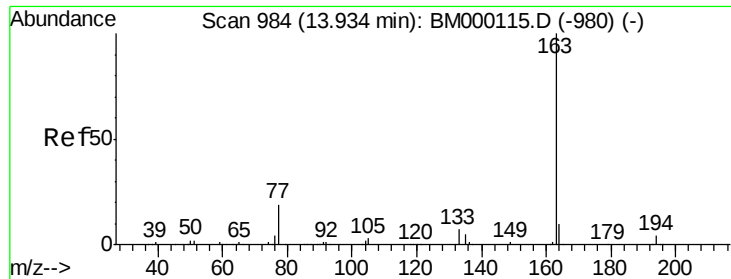
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#42
 2-Nitroaniline
 Concen: 2.79 ng/ul
 RT: 13.55 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BM000105.D
 Acq: 02 Jan 2015 12:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	56.9	50.4	75.6
138	77.4	66.9	100.3





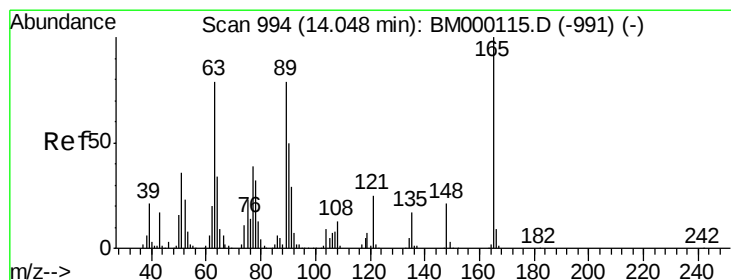
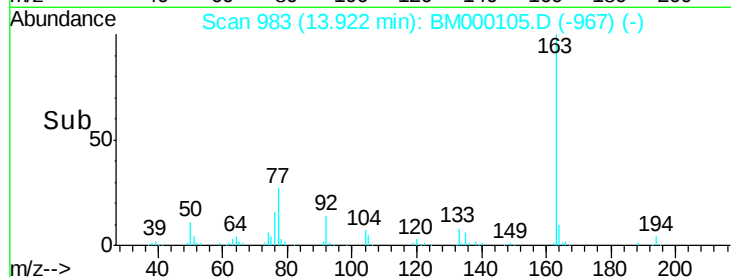
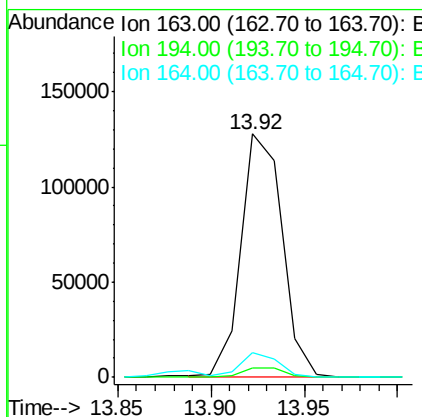
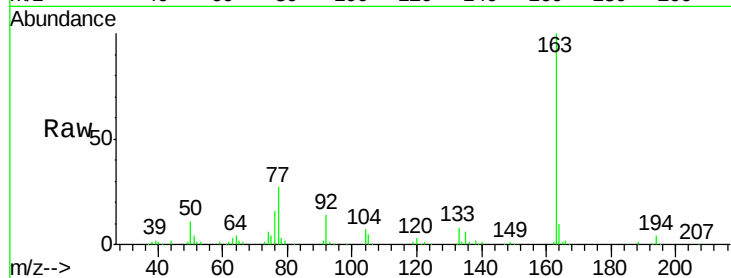
#44
Dimethylphthalate
Concen: 2.93 ng/ul
RT: 13.92 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	3.0	4.4
164	10.1	8.5	12.7

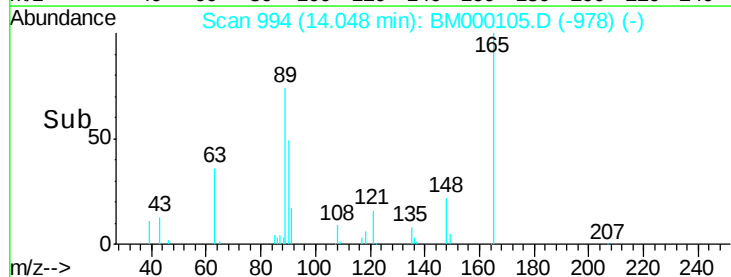
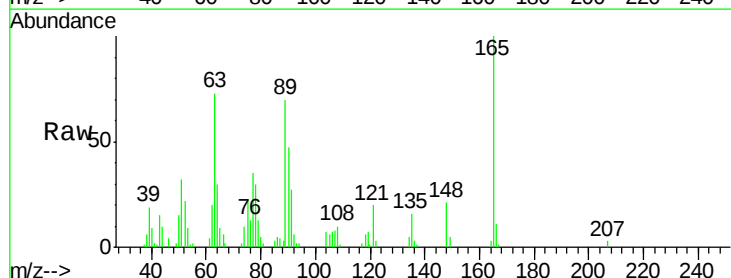
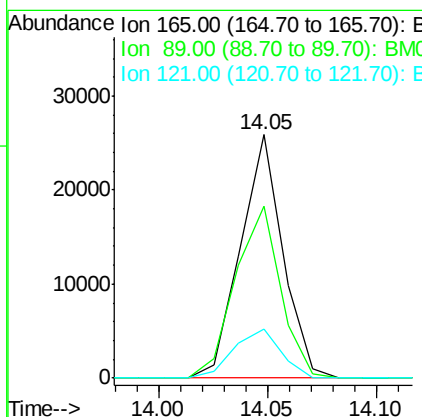
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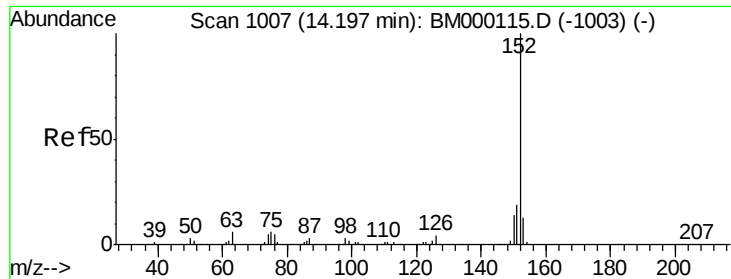
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#45
2,6-Dinitrotoluene
Concen: 2.92 ng/ul
RT: 14.05 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
89	70.4	54.4	81.6
121	20.3	18.6	28.0





#47

Acenaphthylene

Concen: 2.86 ng/ul

RT: 14.20 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BM000105.D

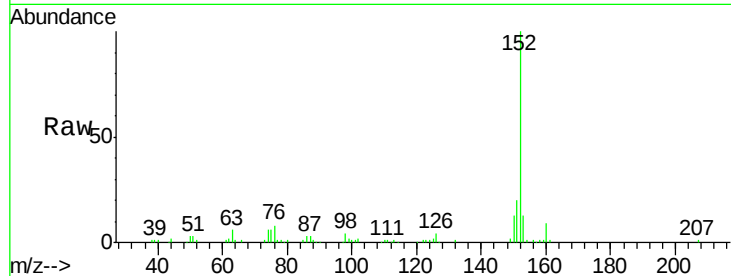
Acq: 02 Jan 2015 12:02

Instrument :

BNA_M

ClientSampleId :

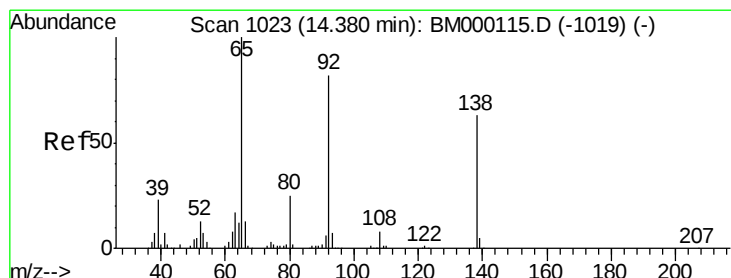
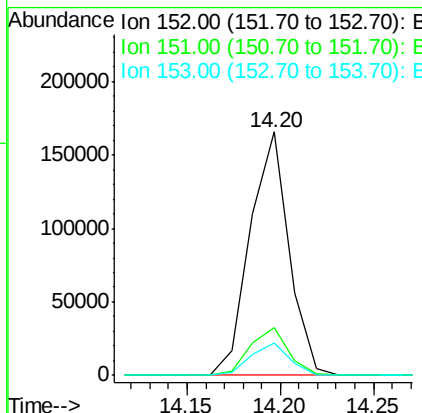
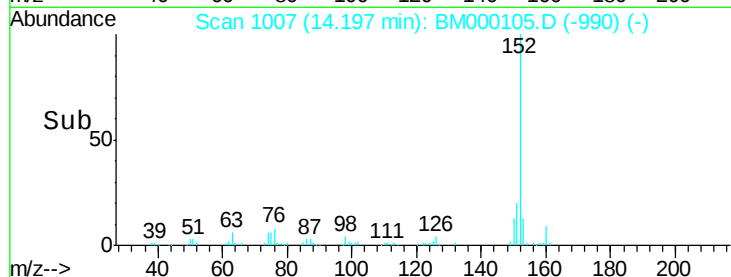
MDL-03-S-ML



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	242998		
151	19.5	15.4	23.2	
153	13.5	10.2	15.2	

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#48

3-Nitroaniline

Concen: 3.00 ng/ul

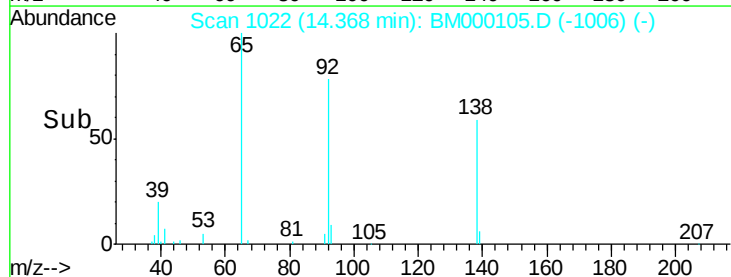
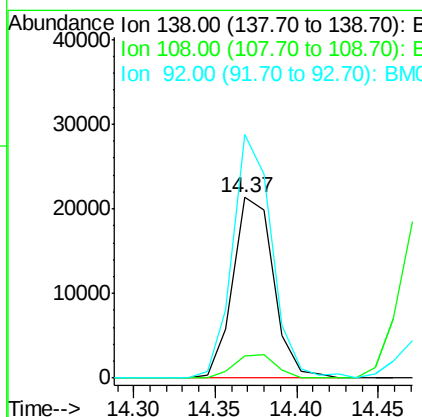
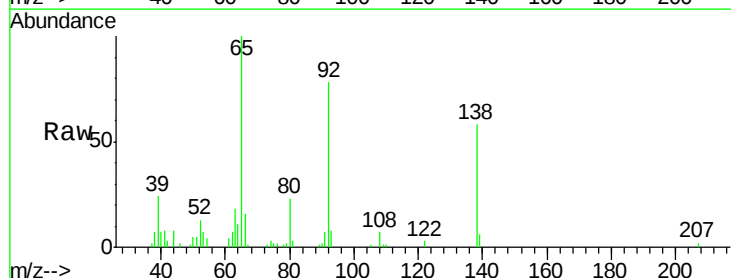
RT: 14.37 min Scan# 1022

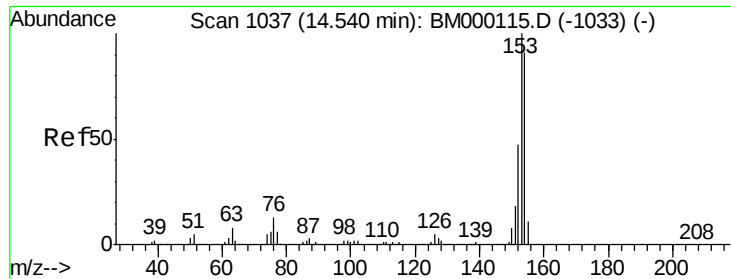
Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	36812		
108	12.0	11.2	16.8	
92	134.9	110.6	165.8	





#49

Acenaphthene

Concen: 2.90 ng/ul

RT: 14.54 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Instrument :

BNA_M

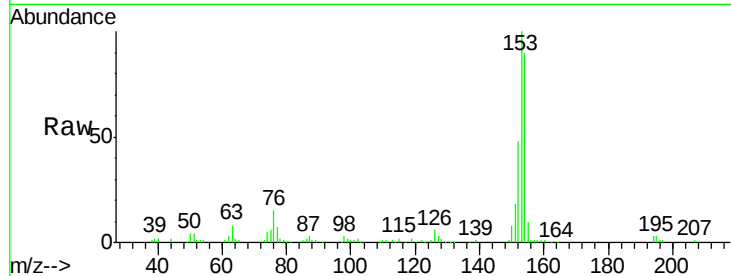
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	153	Resp:	157387
Ion Ratio	Lower	Upper	
153	100		
152	47.5	37.5	56.3
154	89.5	72.2	108.4

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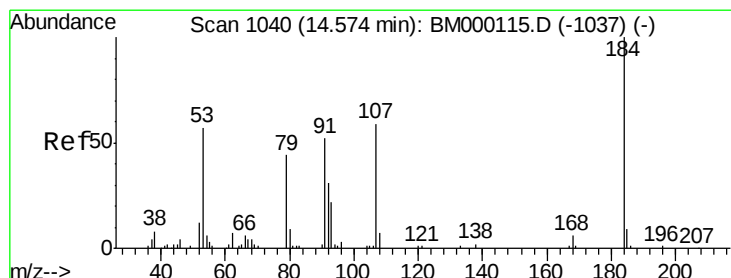
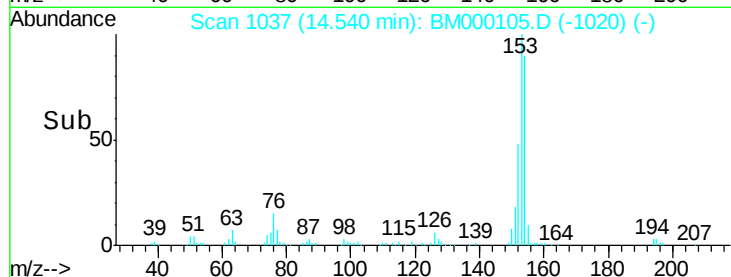
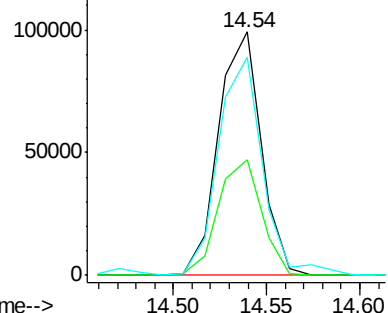
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 1.33 ng/ul

RT: 14.57 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BM000105.D

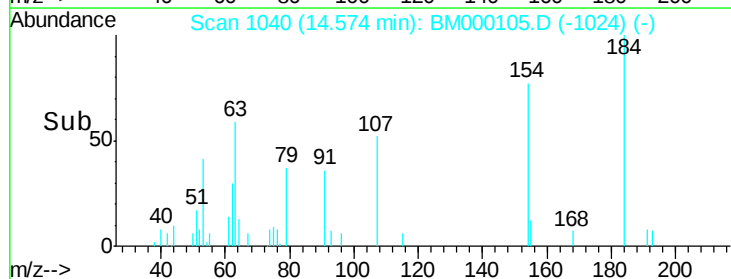
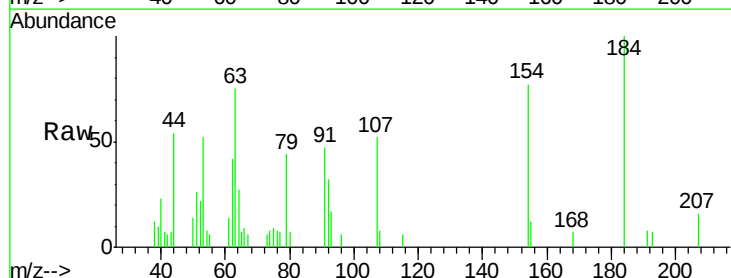
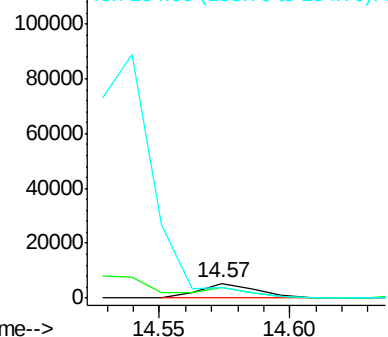
Acq: 02 Jan 2015 12:02

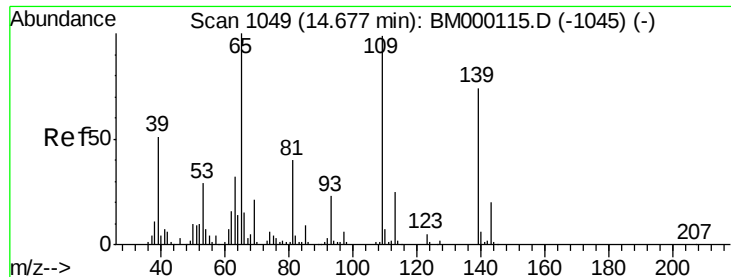
Tgt Ion:	184	Resp:	8072
Ion Ratio	Lower	Upper	
184	100		
63	75.4	56.1	84.1
154	76.8	68.2	102.4

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 3.24 ng/ul

RT: 14.68 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BM000105.D

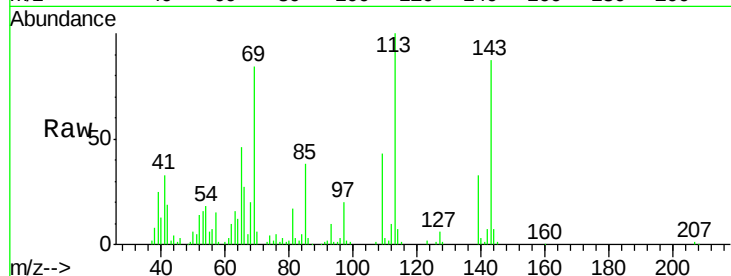
Acq: 02 Jan 2015 12:02

Instrument :

BNA_M

ClientSampleId :

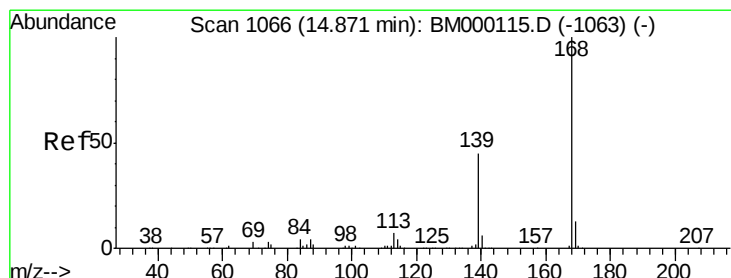
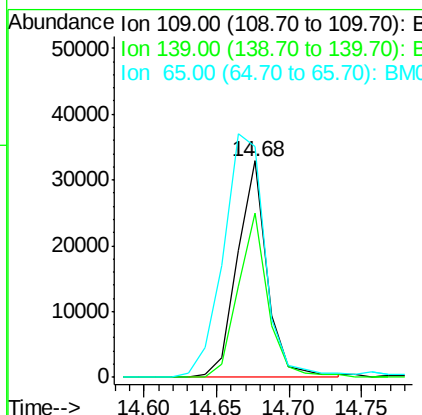
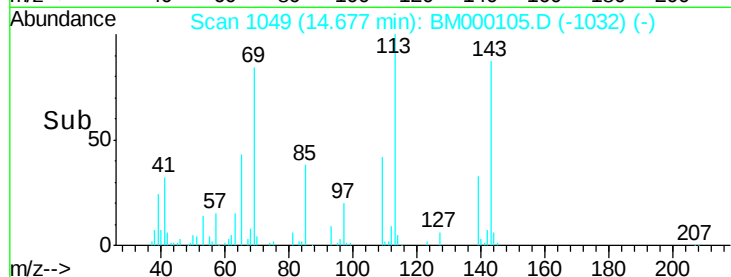
MDL-03-S-ML



Tgt Ion:	109	Resp:	46879
Ion Ratio	Lower	Upper	
109	100		
139	75.9	62.5	93.7
65	106.5	88.7	133.1

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#53

Dibenzofuran

Concen: 2.93 ng/ul

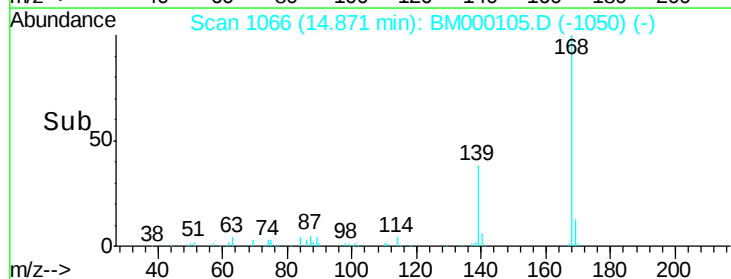
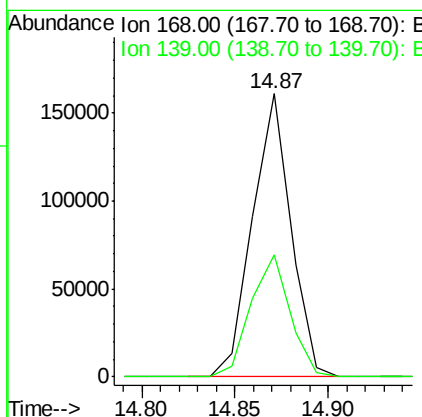
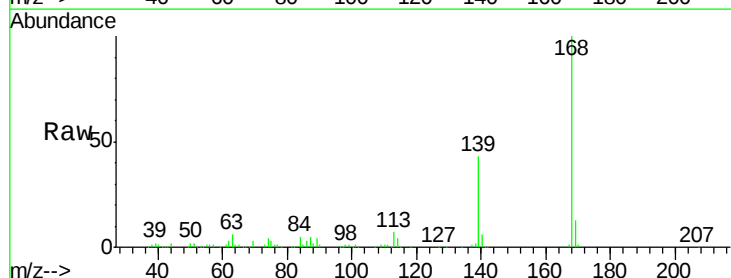
RT: 14.87 min Scan# 1066

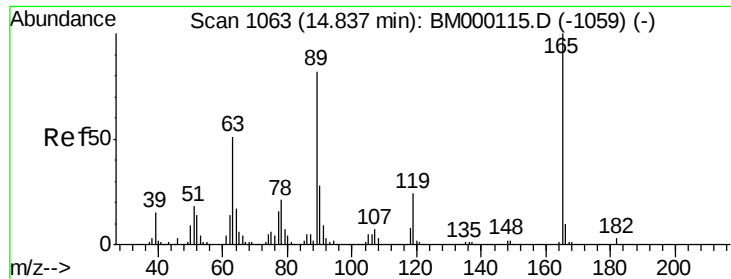
Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Tgt Ion:	168	Resp:	229609
Ion Ratio	Lower	Upper	
168	100		
139	43.1	33.6	50.4





#54

2,4-Dinitrotoluene

Concen: 2.94 ng/ul

RT: 14.83 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BM000105.D

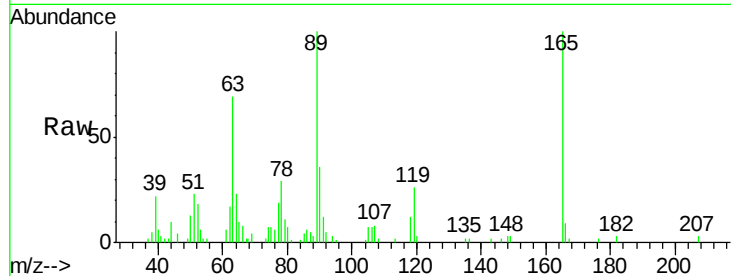
Acq: 02 Jan 2015 12:02

Instrument :

BNA_M

ClientSampleId :

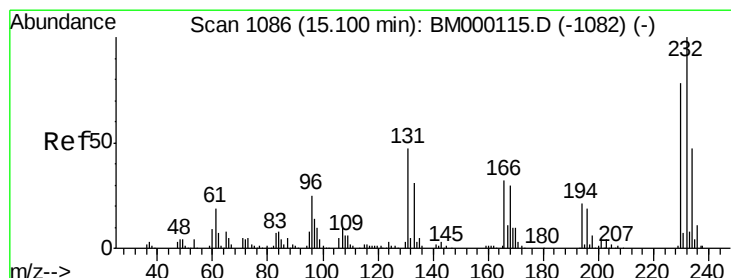
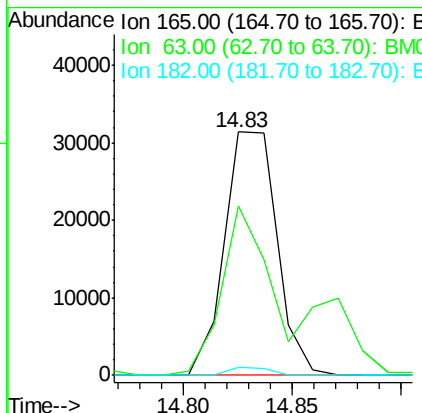
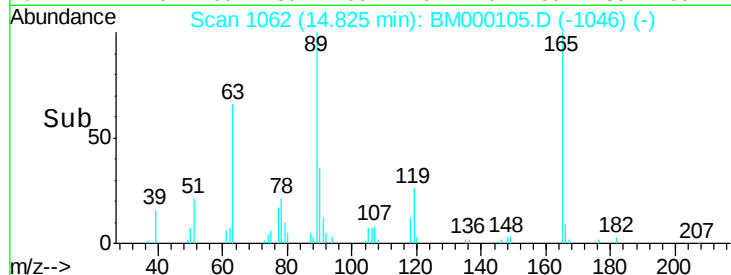
MDL-03-S-ML



Tgt Ion:	165	Resp:	52684
Ion Ratio	Lower	Upper	
165	100		
63	69.6	48.8	73.2
182	3.3	2.1	3.1#

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#55

2,3,4,6-Tetrachlorophenol

Concen: 2.71 ng/ul

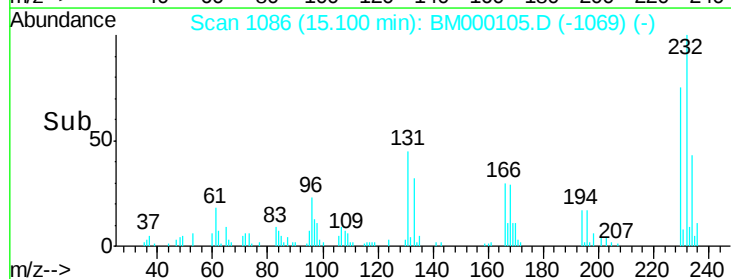
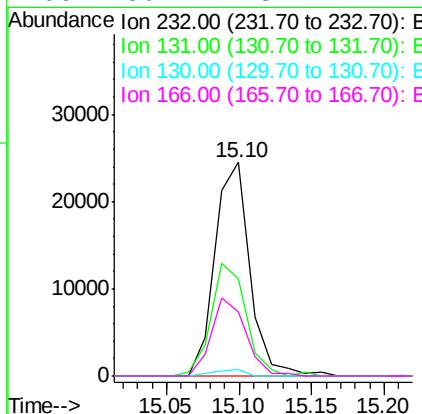
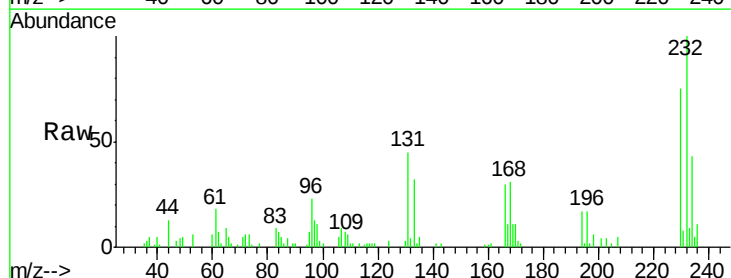
RT: 15.10 min Scan# 1086

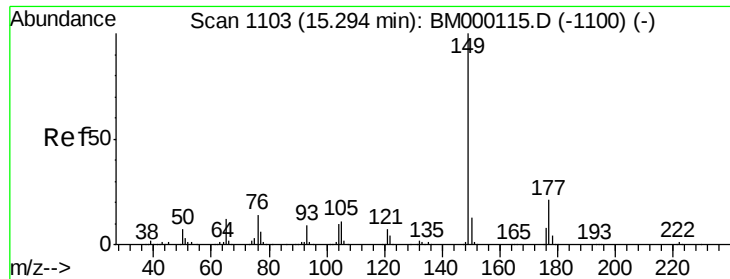
Delta R.T. -0.00 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Tgt Ion:	232	Resp:	41056
Ion Ratio	Lower	Upper	
232	100		
131	45.4	43.4	65.0
130	3.3	2.7	4.1
166	30.1	28.2	42.4





#56

Diethylphthalate

Concen: 2.92 ng/ul

RT: 15.29 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Instrument :

BNA_M

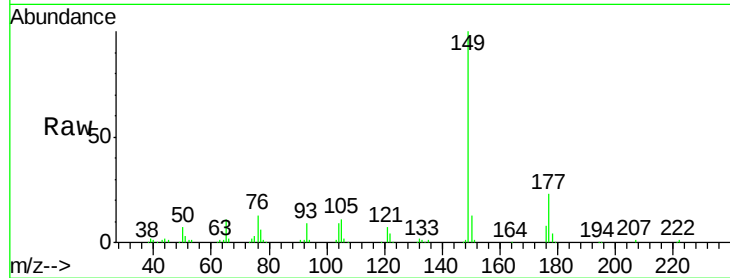
ClientSampleId :

MDL-03-S-ML

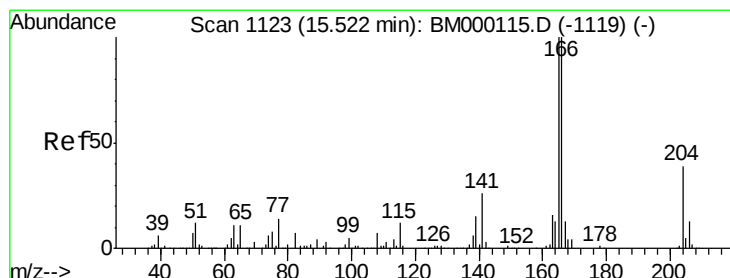
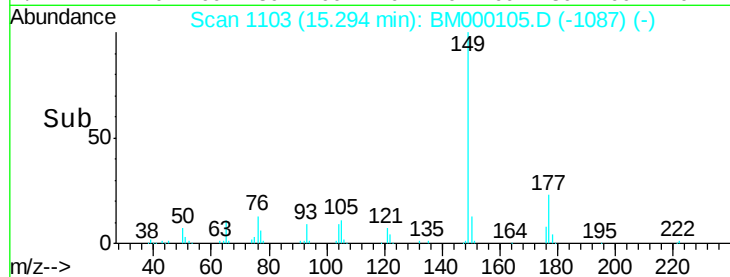
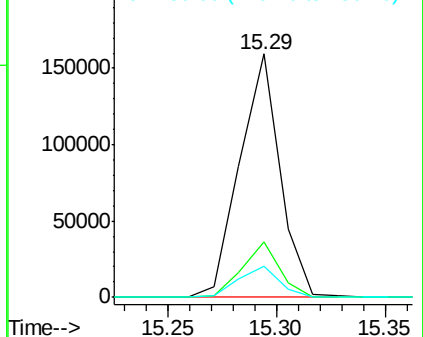
Tgt Ion:	149	Resp:	206034
Ion Ratio		Lower	Upper
149	100		
177	23.0	17.4	26.2
150	12.7	10.5	15.7

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 2.95 ng/ul

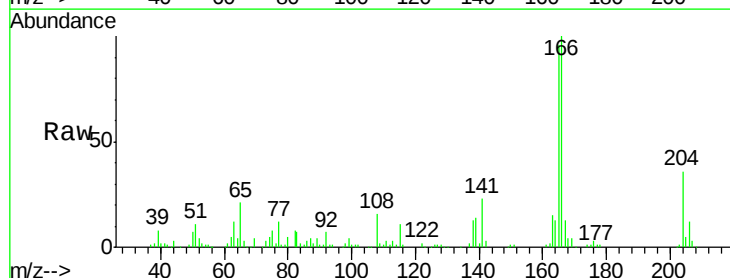
RT: 15.52 min Scan# 1123

Delta R.T. -0.00 min

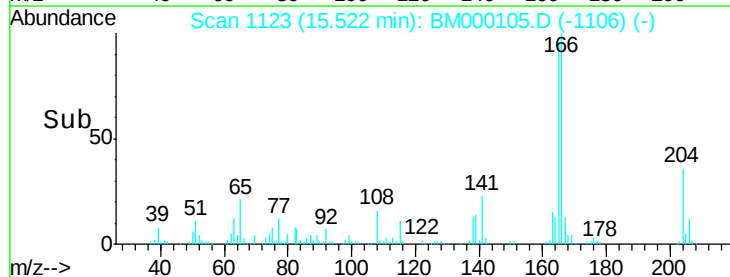
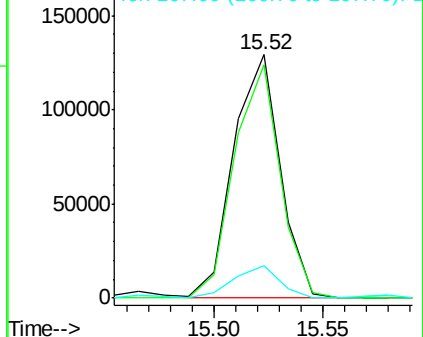
Lab File: BM000105.D

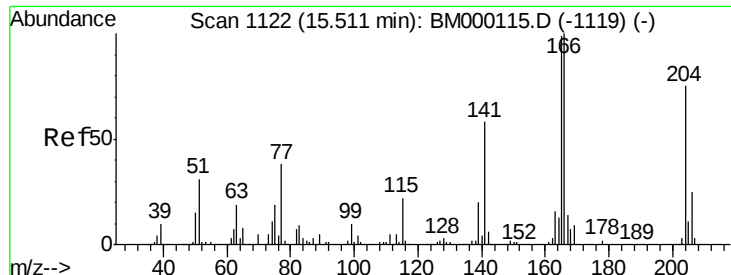
Acq: 02 Jan 2015 12:02

Tgt Ion:	166	Resp:	192145
Ion Ratio		Lower	Upper
166	100		
165	96.0	76.0	114.0
167	13.3	10.2	15.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





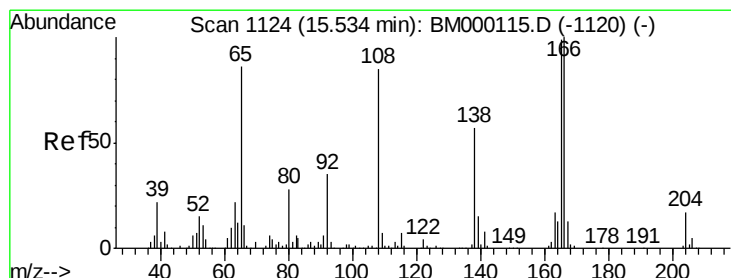
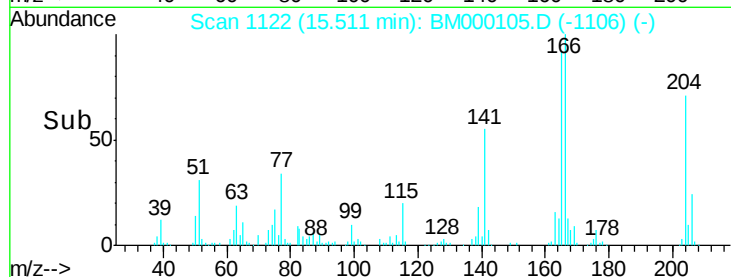
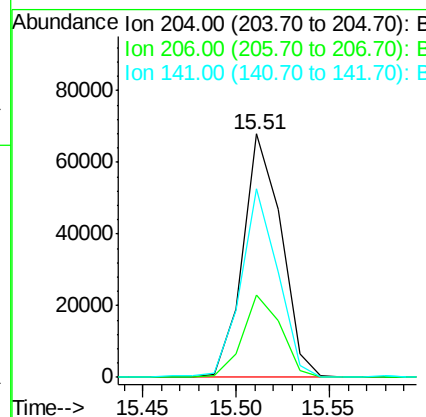
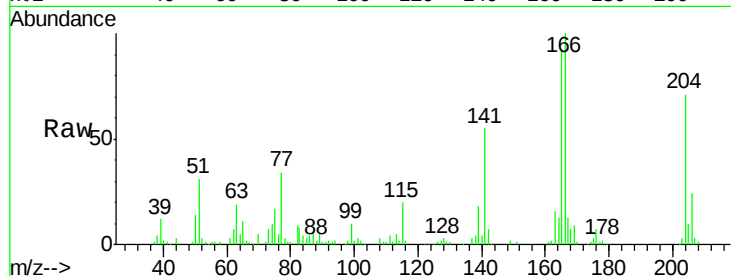
#59
 4-Chlorophenyl-phenylether
 Concen: 3.03 ng/ul
 RT: 15.51 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BM000105.D
 Acq: 02 Jan 2015 12:02

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S-ML

Tgt Ion:	204	Resp:	97212
Ion Ratio	Lower	Upper	
204	100		
206	33.7	25.8	38.8
141	77.6	61.3	91.9

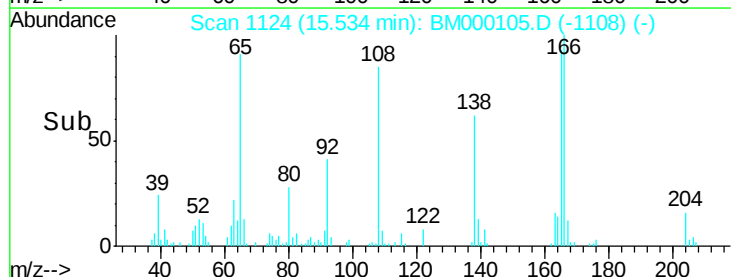
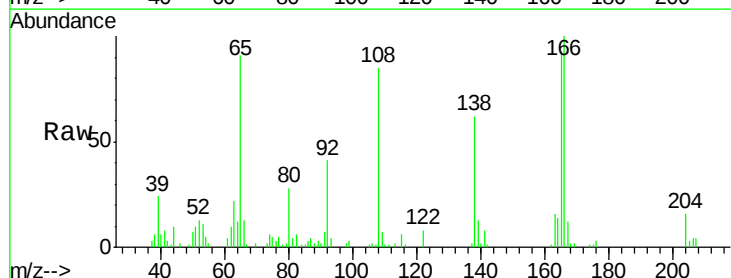
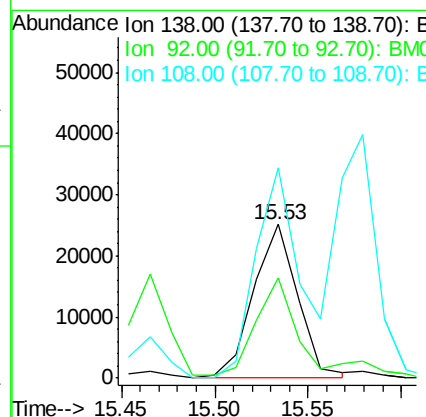
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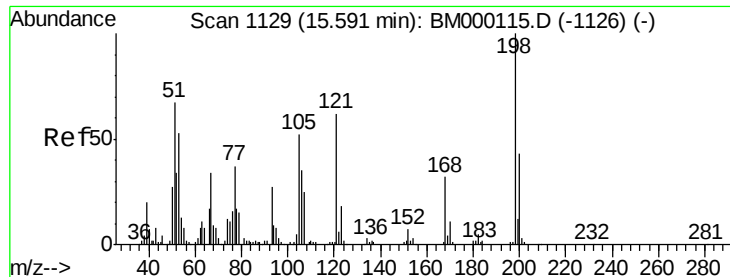
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#60
 4-Nitroaniline
 Concen: 2.97 ng/ul
 RT: 15.53 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BM000105.D
 Acq: 02 Jan 2015 12:02

Tgt Ion:	138	Resp:	41293
Ion Ratio	Lower	Upper	
138	100		
92	65.4	49.3	73.9
108	137.2	110.3	165.5





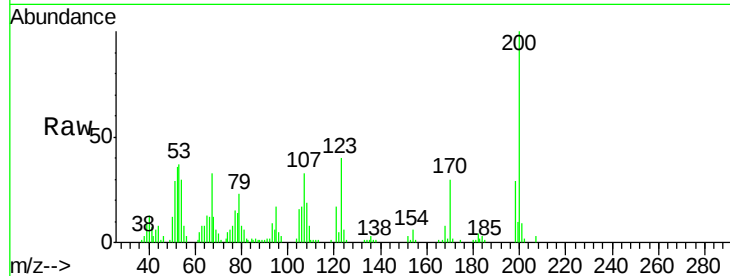
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.13 ng/ul
 RT: 15.59 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM000105.D
 Acq: 02 Jan 2015 12:02

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	20858		
182	12.9	2.6	4.0#	
77	51.9	25.2	37.8#	

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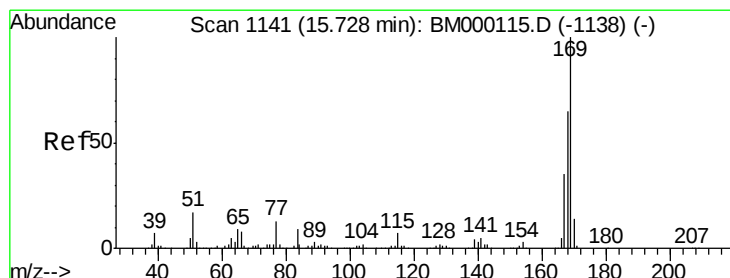
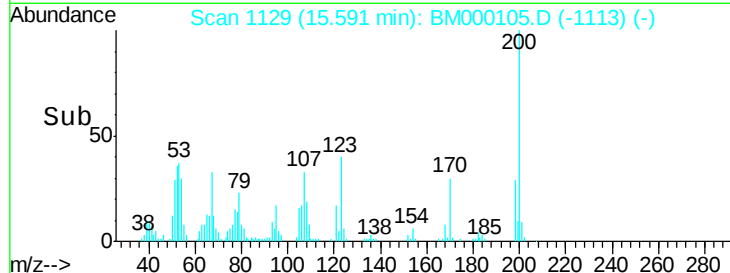
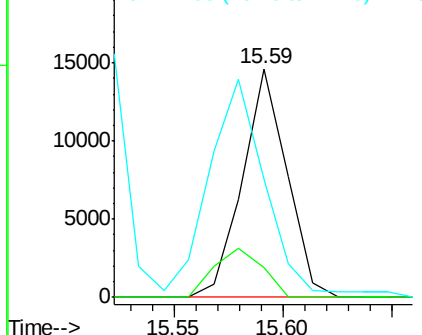


Abundance

Ion 198.00 (197.70 to 198.70): E

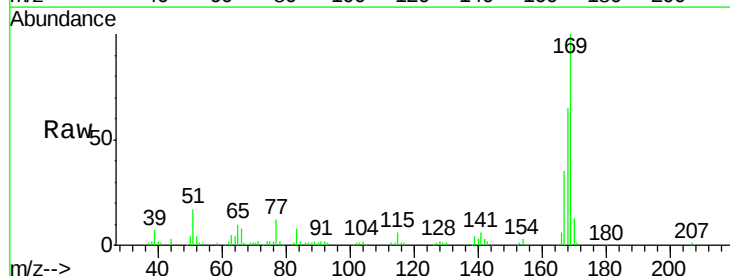
Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): E



#64
 N-Nitrosodiphenylamine
 Concen: 2.88 ng/ul
 RT: 15.73 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BM000105.D
 Acq: 02 Jan 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	161765		
168	65.2	51.8	77.6	
167	35.5	28.1	42.1	

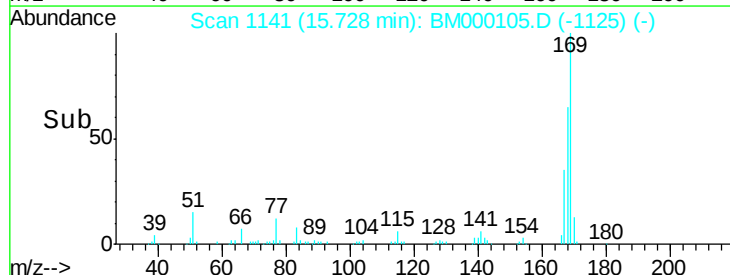
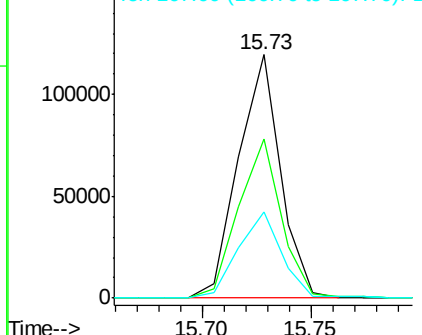


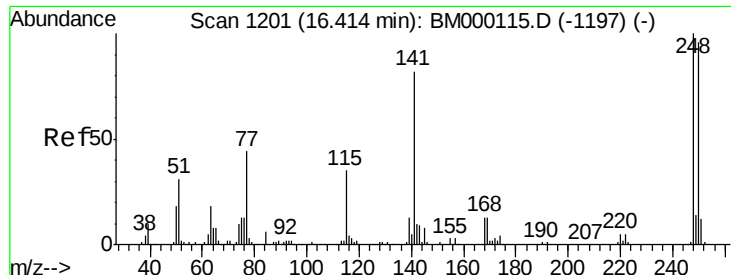
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





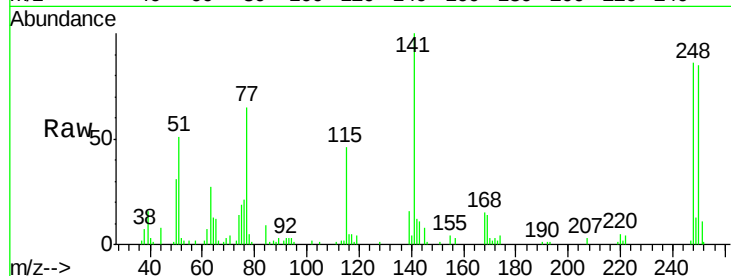
#65
4-Bromophenyl-phenylether
Concen: 2.88 ng/ul
RT: 16.40 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

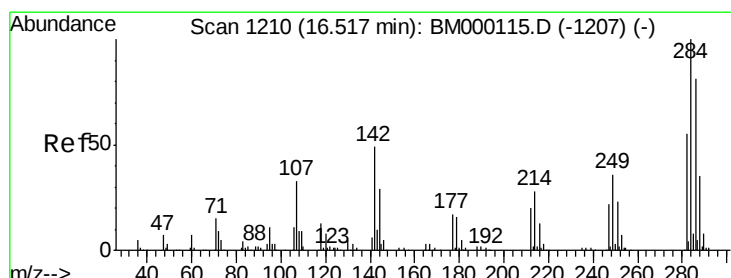
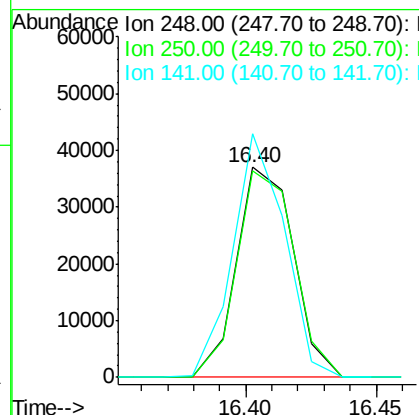
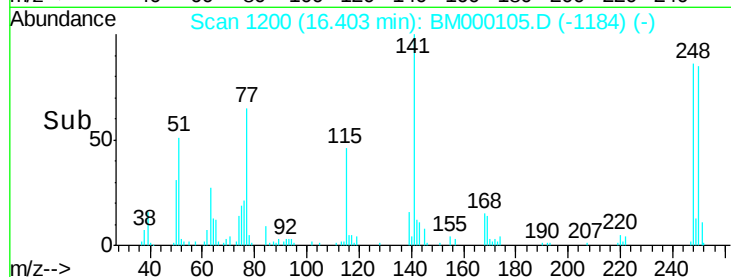
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.4	117.6
141	116.0	67.0	100.4

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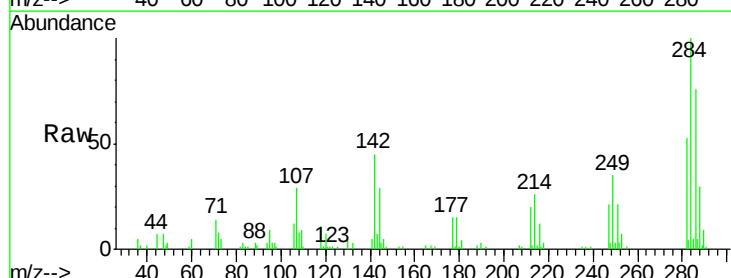


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

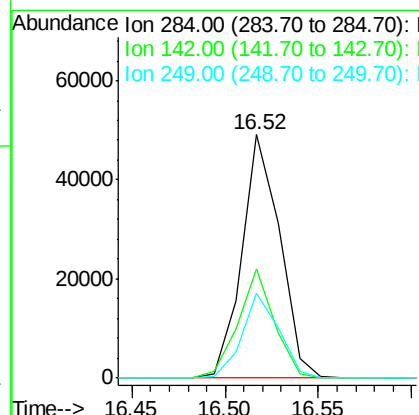
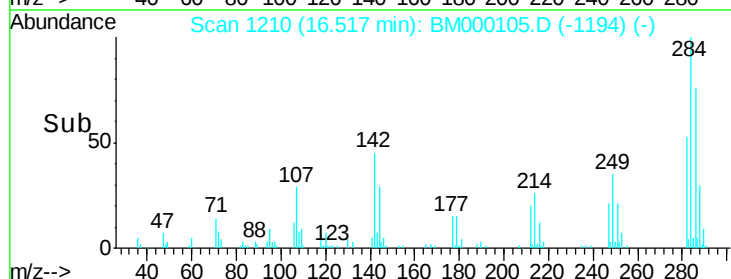


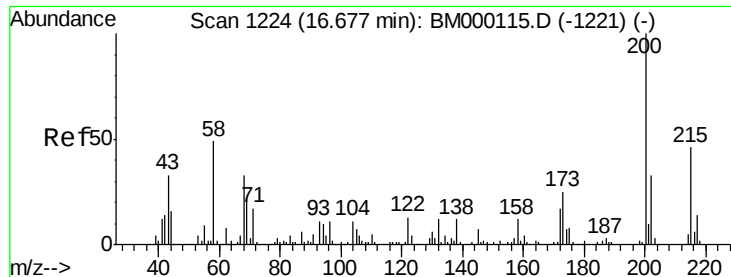
#66
Hexachlorobenzene
Concen: 3.05 ng/ul
RT: 16.52 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	45.0	32.4	48.6
249	35.1	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





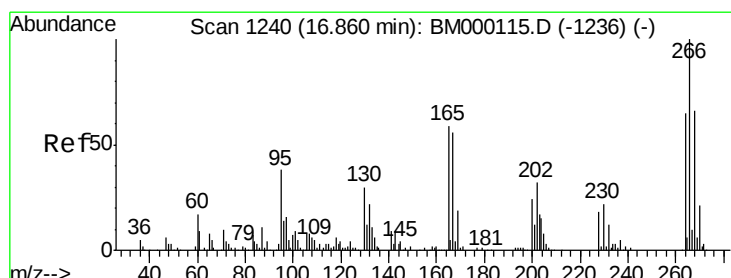
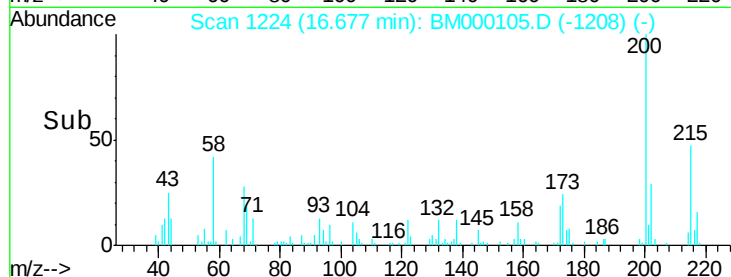
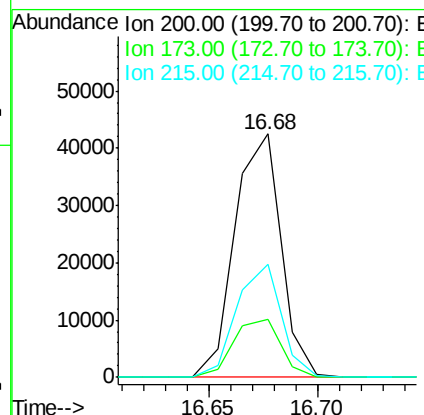
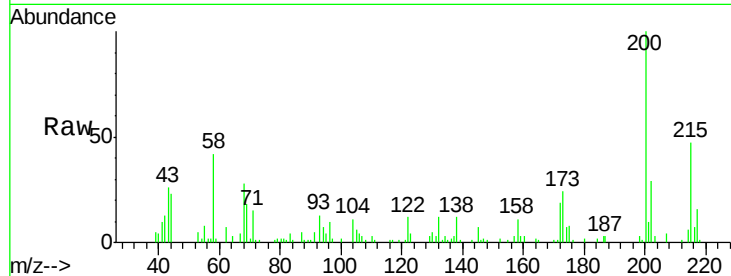
#67
Atrazine
Concen: 2.83 ng/ul
RT: 16.68 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.1	19.5	29.3
215	46.5	36.6	54.8

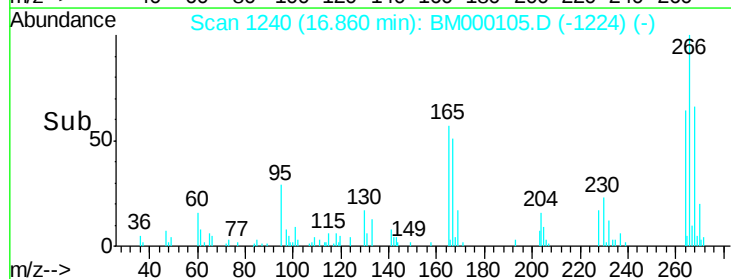
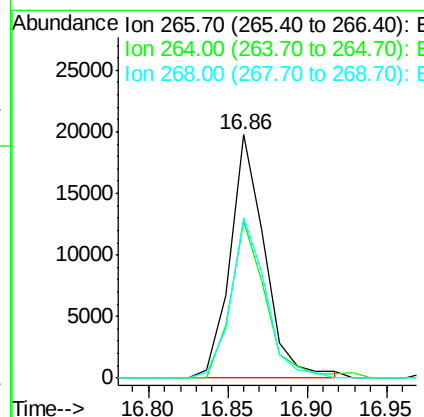
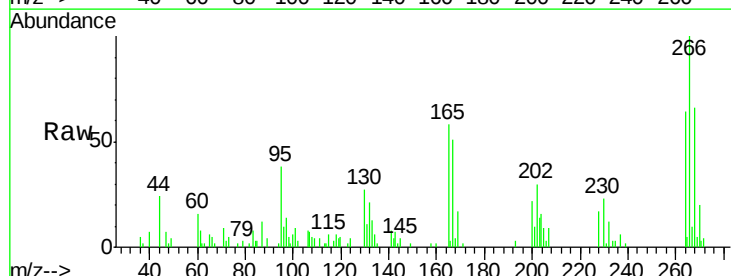
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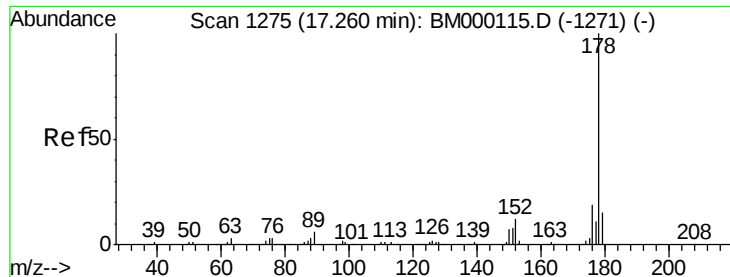
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#68
Pentachlorophenol
Concen: 2.19 ng/ul m
RT: 16.86 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	64.4	49.8	74.6
268	65.9	48.2	72.4





#69

Phenanthrene

Concen: 3.07 ng/ul m

RT: 17.26 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Instrument :

BNA_M

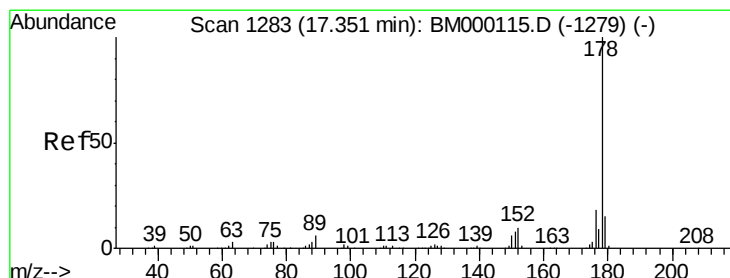
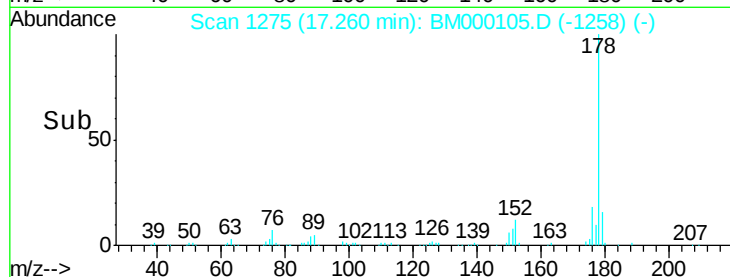
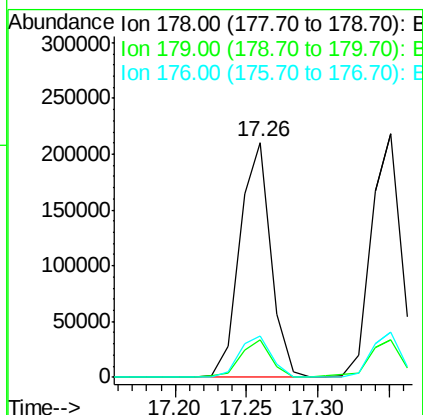
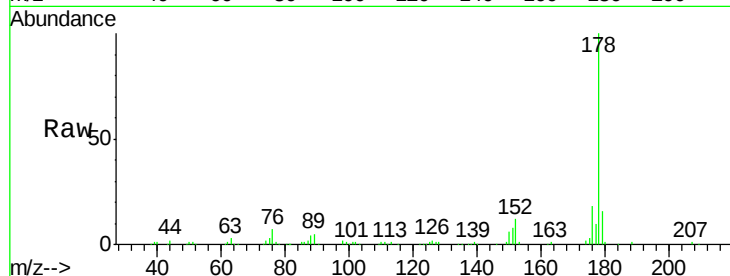
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	178	Resp:	321654
Ion Ratio	Lower	Upper	
178	100		
179	15.8	11.6	17.4
176	17.7	14.6	22.0

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#71

Anthracene

Concen: 2.93 ng/ul

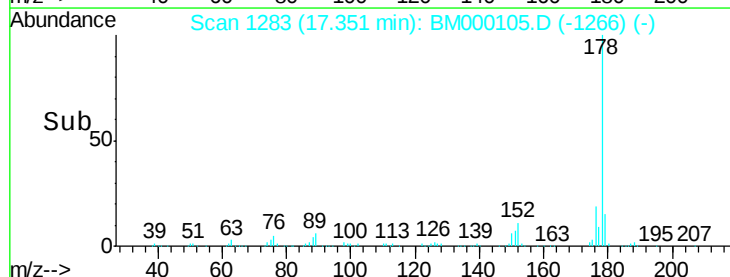
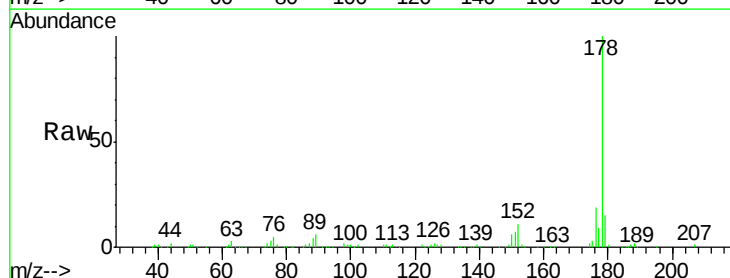
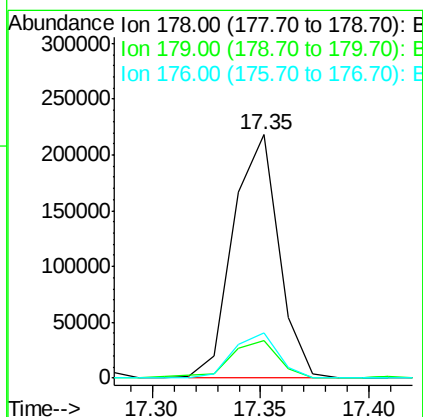
RT: 17.35 min Scan# 1283

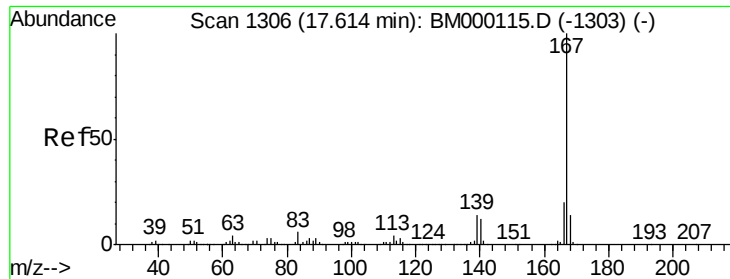
Delta R.T. -0.00 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Tgt Ion:	178	Resp:	315571
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.6	18.8
176	18.6	14.6	21.8





#72

Carbazole

Concen: 3.05 ng/ul

RT: 17.61 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM000105.D

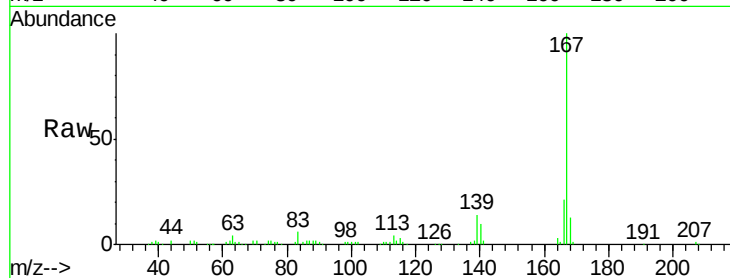
Acq: 02 Jan 2015 12:02

Instrument :

BNA_M

ClientSampleId :

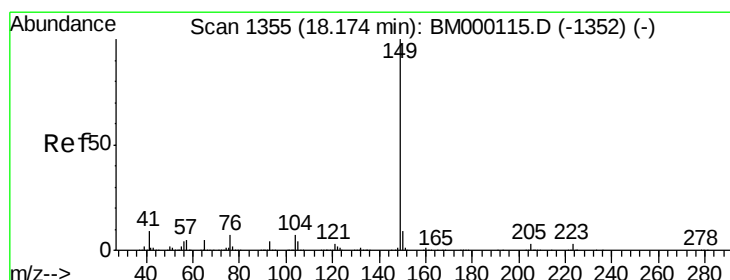
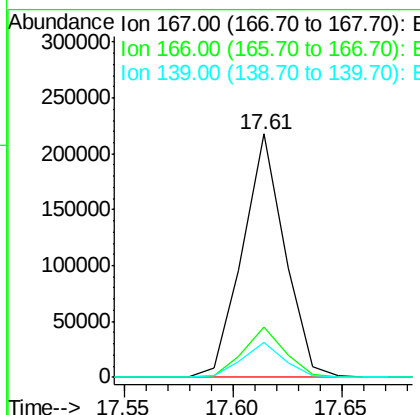
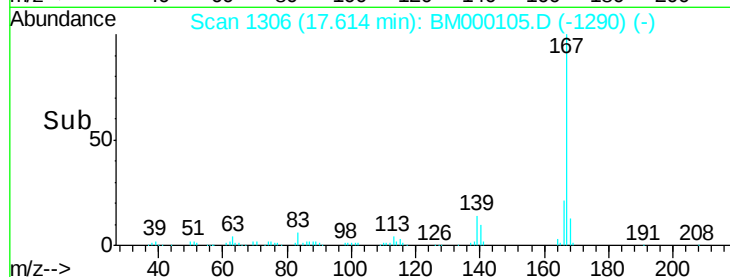
MDL-03-S-ML



Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.2	24.4
139	14.1	10.7	16.1

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#73

Di-n-butylphthalate

Concen: 3.07 ng/ul

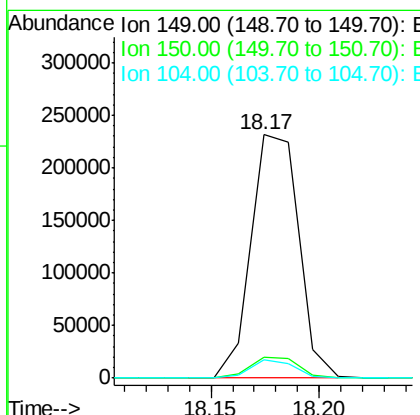
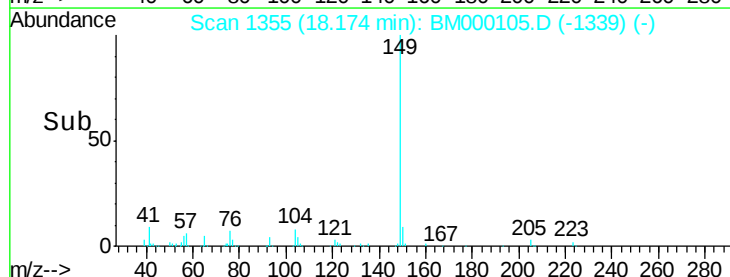
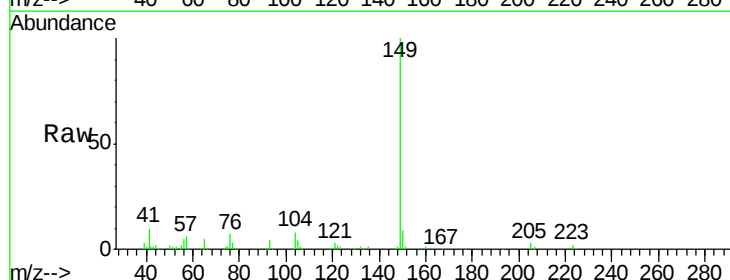
RT: 18.17 min Scan# 1355

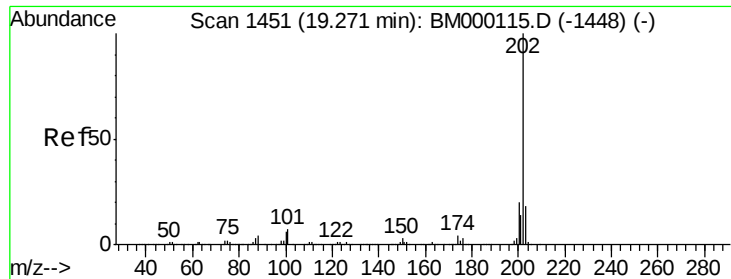
Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.5	7.1	10.7
104	7.7	4.8	7.2#





#74

Fluoranthene

Concen: 3.22 ng/ul

RT: 19.27 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Instrument :

BNA_M

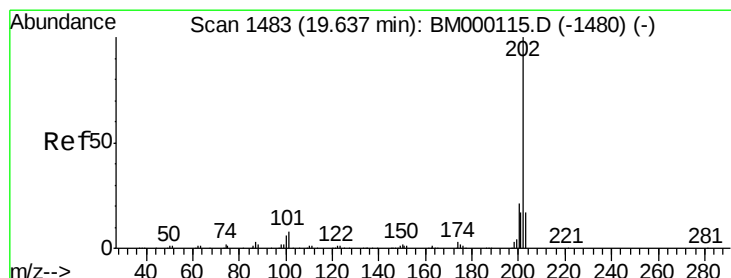
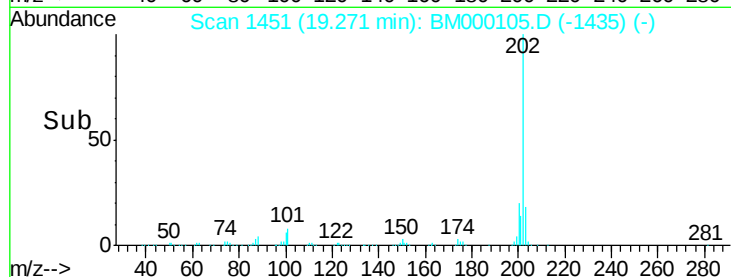
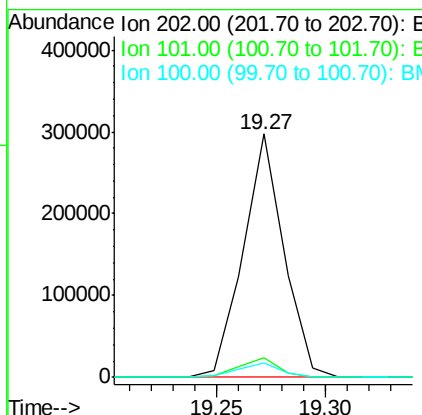
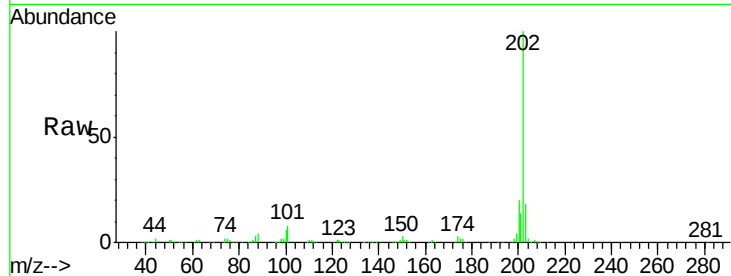
ClientSampleId :

MDL-03-S-ML

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		386039		
101	8.0	6.4	9.6		
100	6.2	4.6	7.0		

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#77

Pyrene

Concen: 3.09 ng/ul

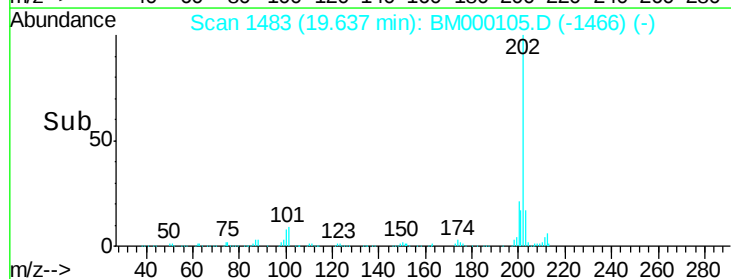
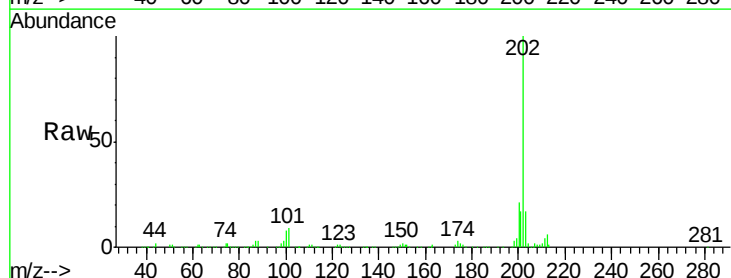
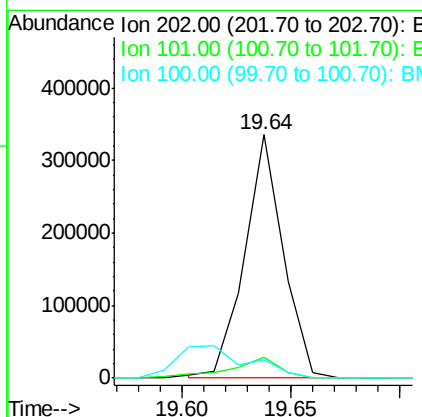
RT: 19.64 min Scan# 1483

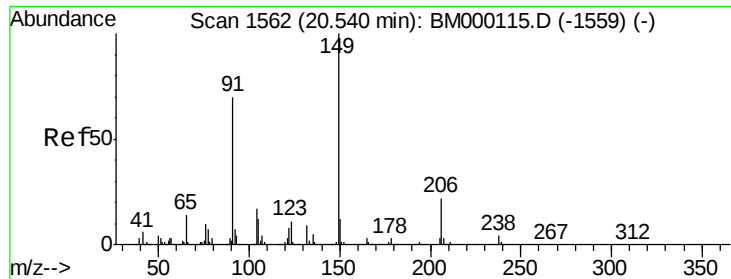
Delta R.T. -0.00 min

Lab File: BM000105.D

Acq: 02 Jan 2015 12:02

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		410450		
101	8.6	6.9	10.3		
100	7.7	5.5	8.3		





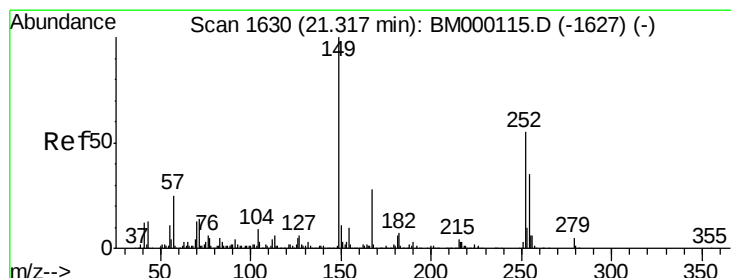
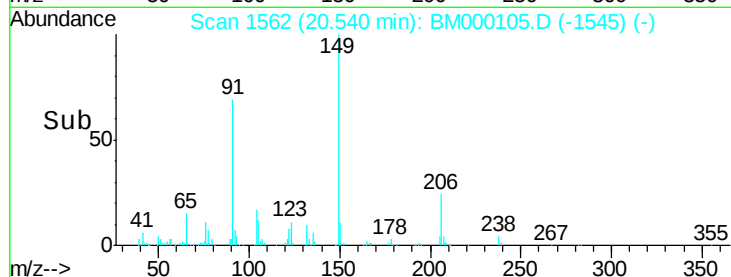
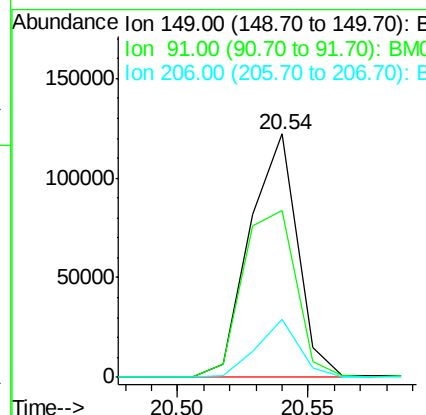
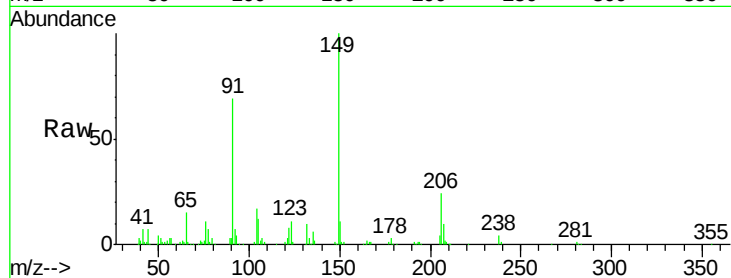
#78
Butylbenzylphthalate
Concen: 2.88 ng/ul
RT: 20.54 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	155203		
91	68.5	56.6	84.8	
206	23.8	16.8	25.2	

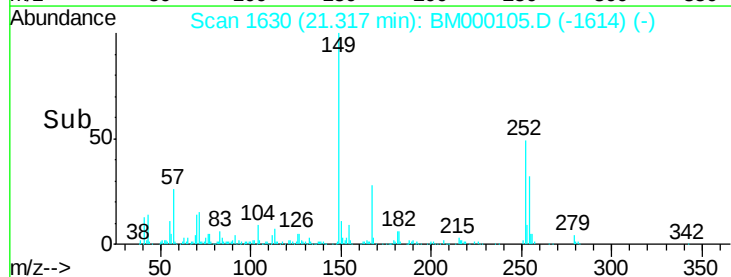
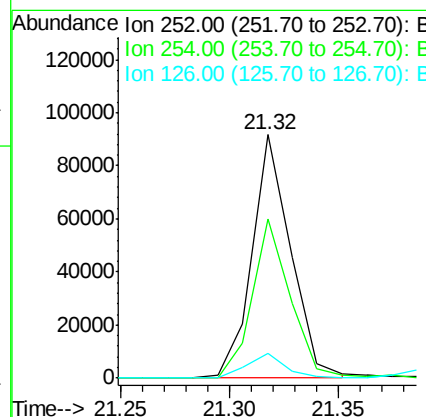
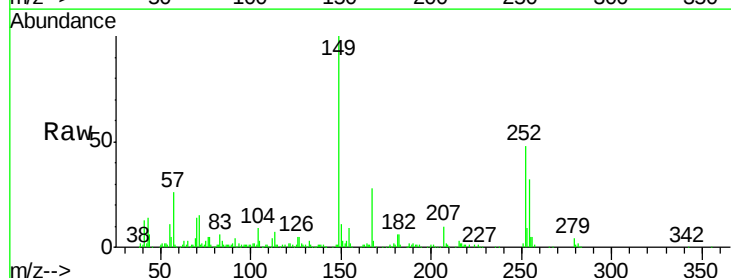
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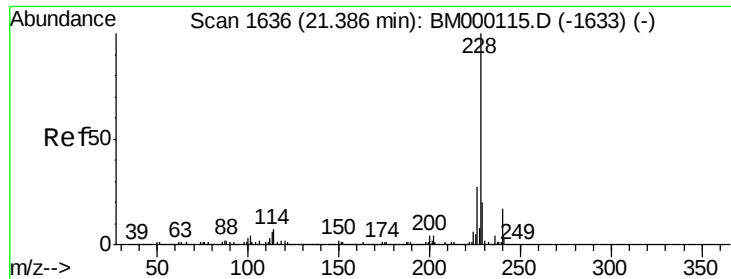
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#79
3,3'-Dichlorobenzidine
Concen: 2.81 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	113280		
254	65.1	51.2	76.8	
126	10.3	7.9	11.9	





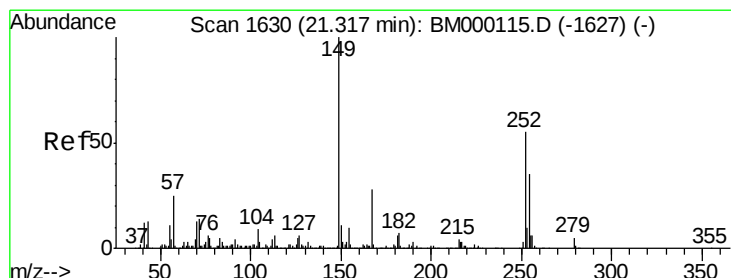
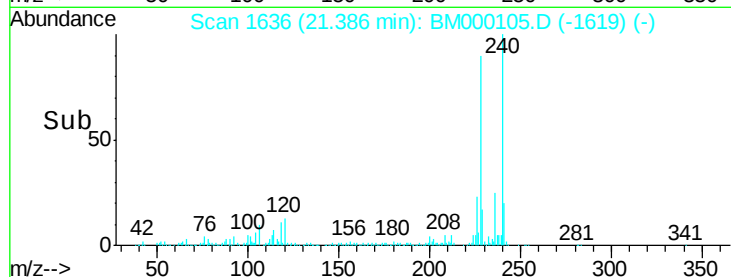
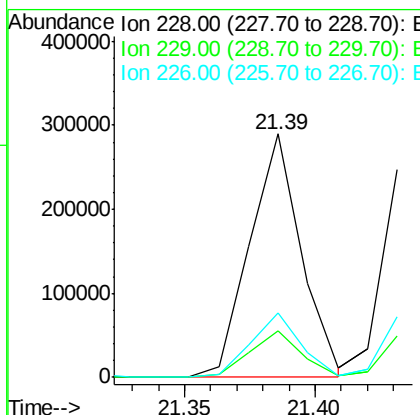
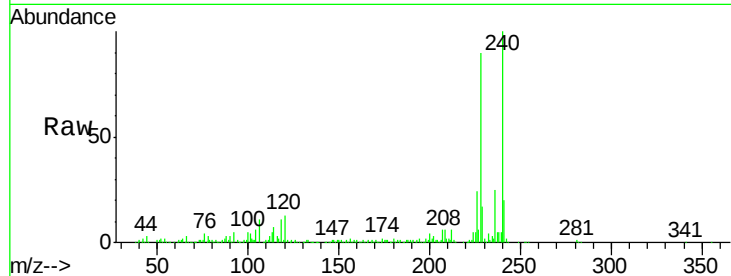
#80
Benzo(a)anthracene
Concen: 3.13 ng/ul
RT: 21.39 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	398045		
229	19.0	15.8	23.8	
226	26.3	20.7	31.1	

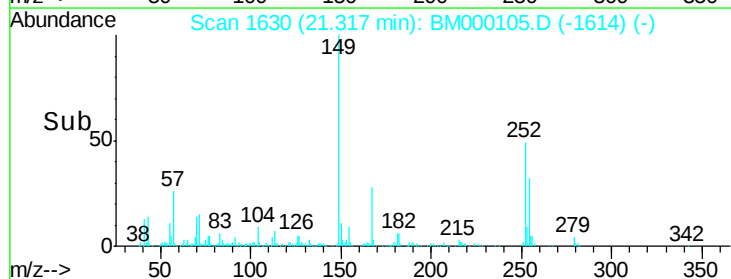
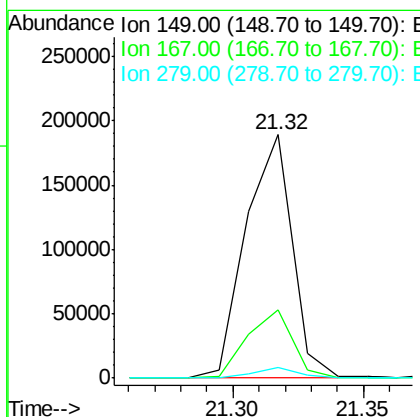
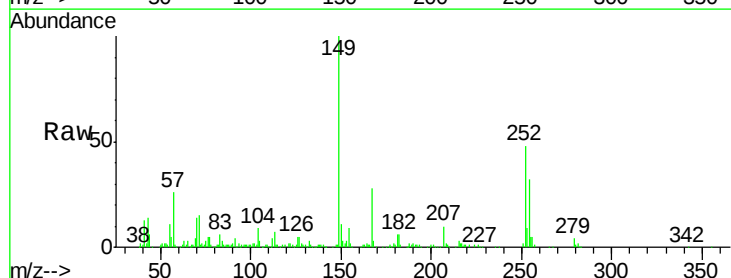
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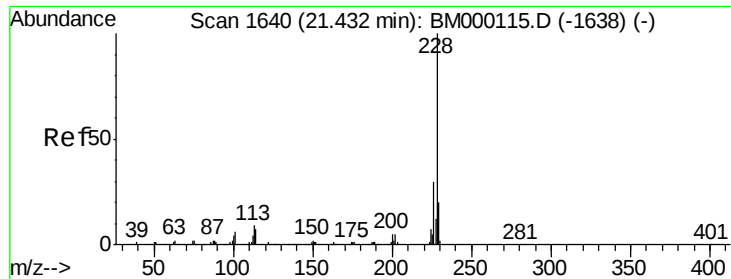
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#81
Bis(2-ethylhexyl)phthalate
Concen: 3.02 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	237240		
167	27.9	22.1	33.1	
279	4.5	3.0	4.6	





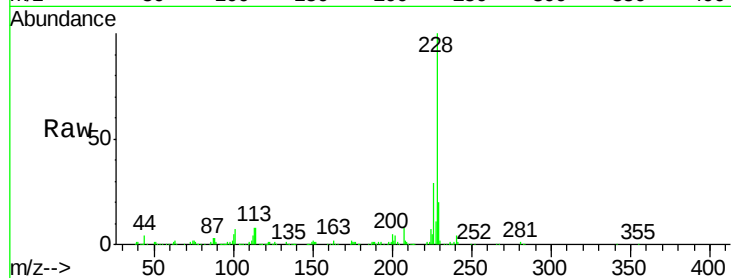
#82
Chrysene
Concen: 3.11 ng/ul
RT: 21.43 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

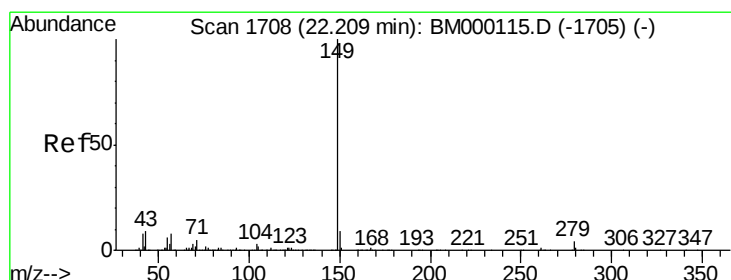
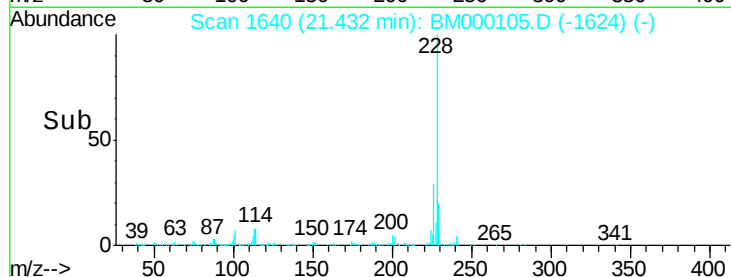
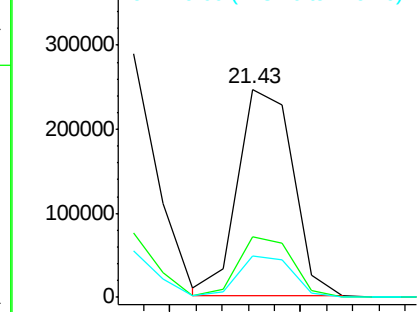
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.9	23.0	34.4
229	19.8	15.6	23.4

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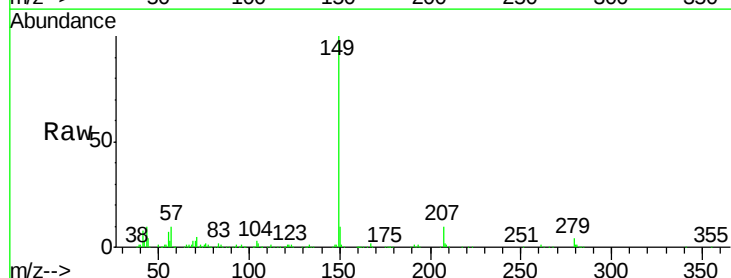


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

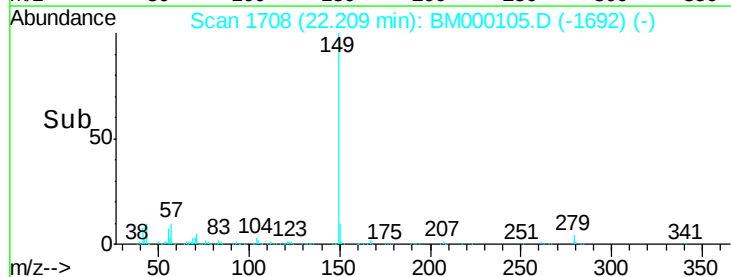
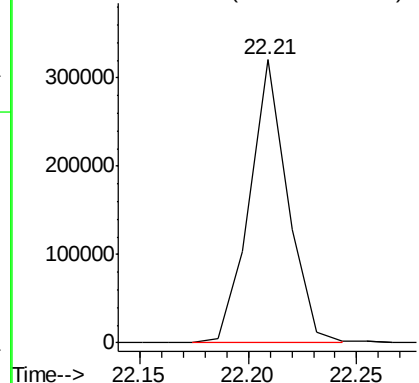


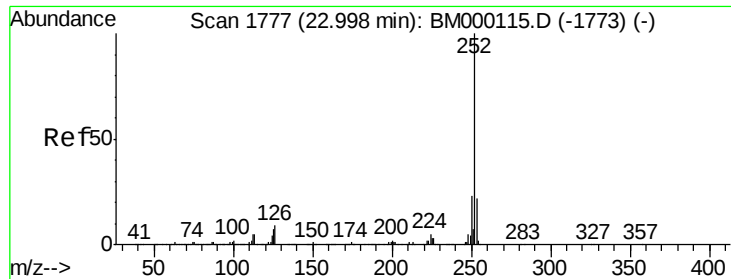
#84
Di-n-octyl phthalate
Concen: 2.89 ng/ul
RT: 22.21 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Tgt Ion:149 Resp: 390285



Abundance Ion 149.00 (148.70 to 149.70): E





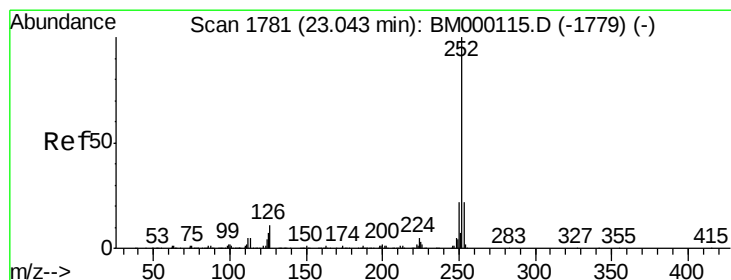
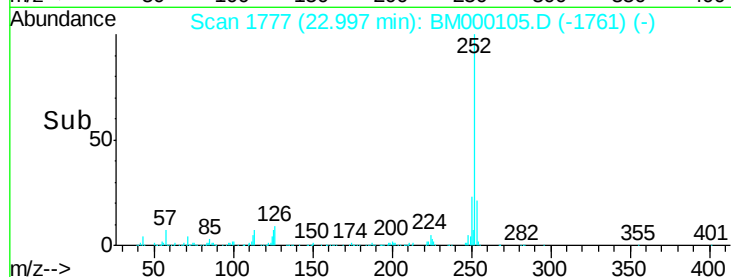
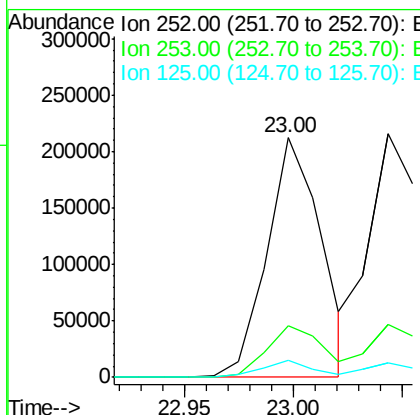
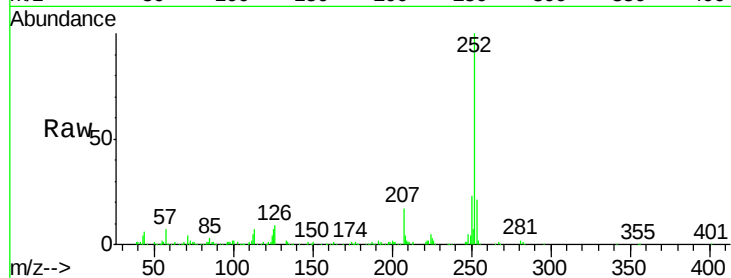
#85
Benzo(b)fluoranthene
Concen: 2.96 ng/ul
RT: 23.00 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	371338		
253	21.4	17.1	25.7	
125	7.2	4.8	7.2#	

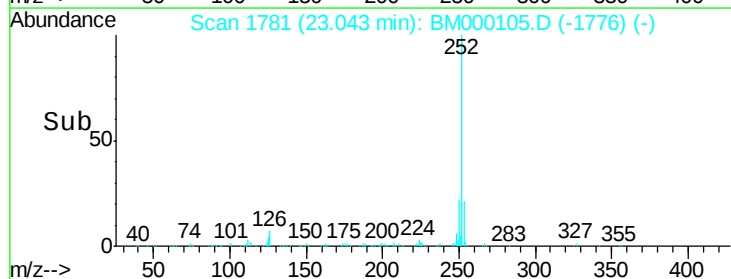
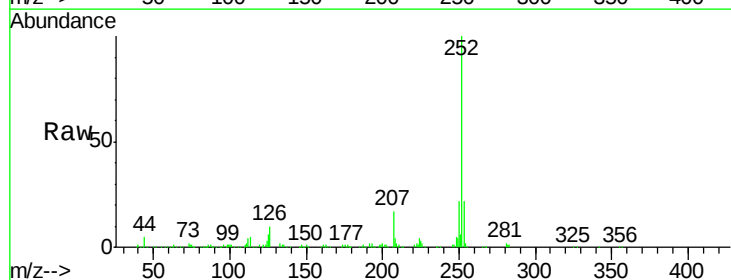
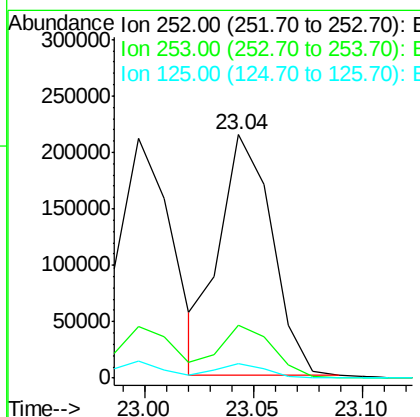
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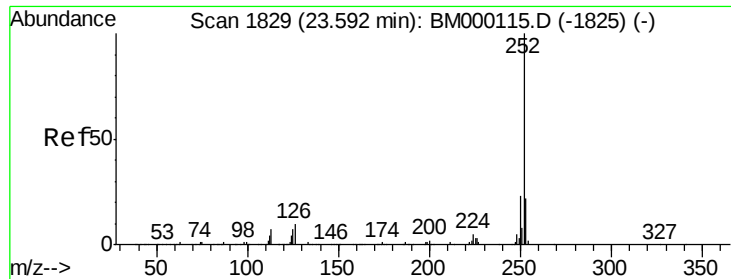
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#86
Benzo(k)fluoranthene
Concen: 3.33 ng/ul
RT: 23.04 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	356159		
253	21.9	17.2	25.8	
125	6.1	4.9	7.3	





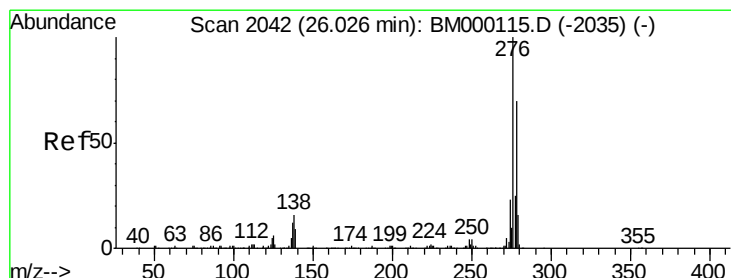
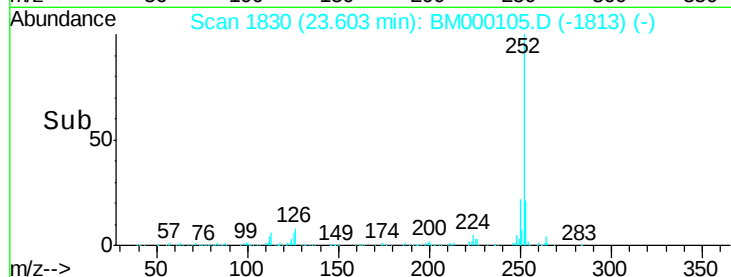
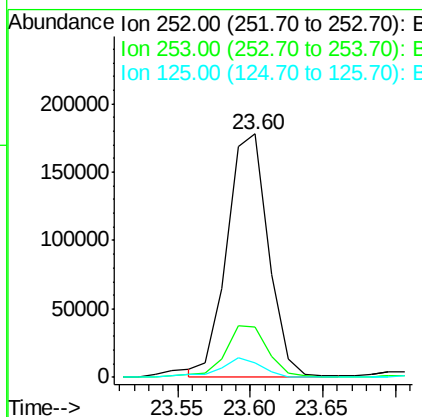
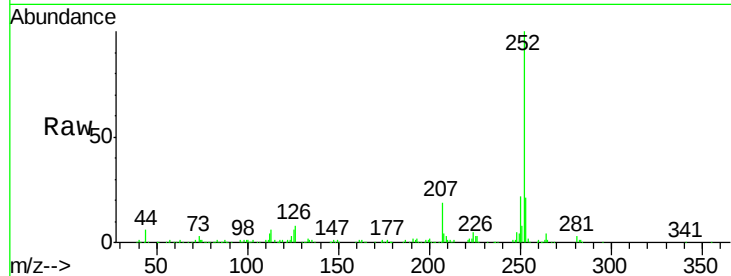
#88
Benzo(a)pyrene
Concen: 3.21 ng/ul
RT: 23.60 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.0	25.6
125	6.2	5.8	8.6

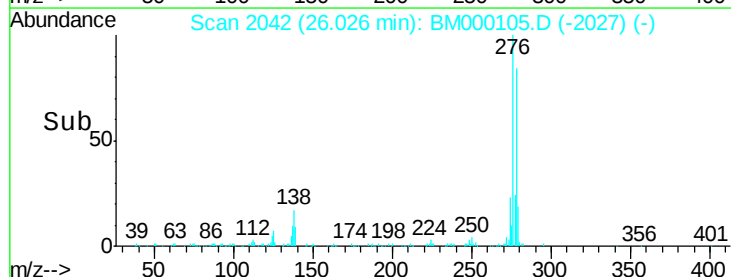
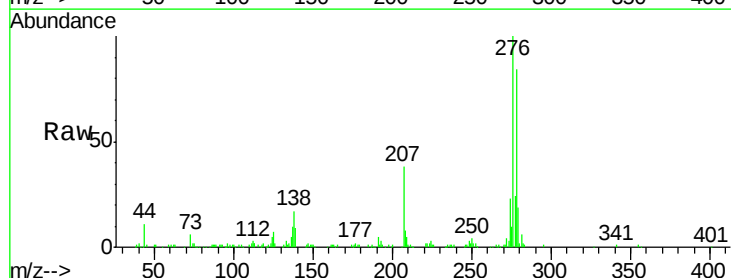
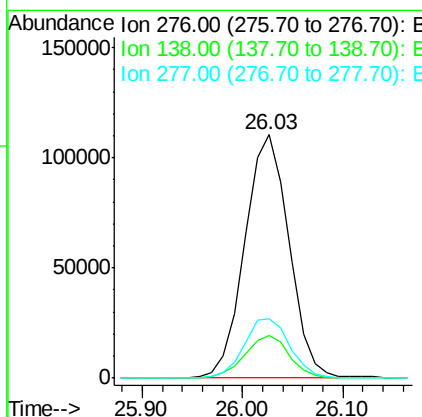
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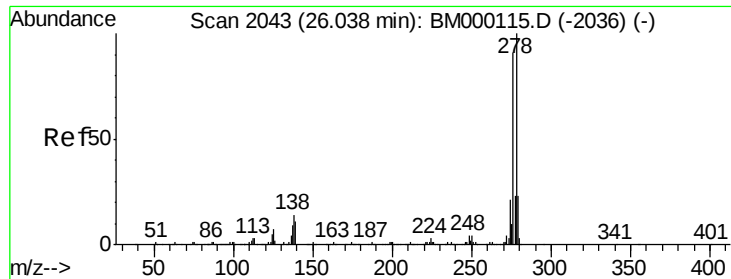
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.93 ng/ul
RT: 26.03 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	14.2	21.2
277	24.2	18.8	28.2





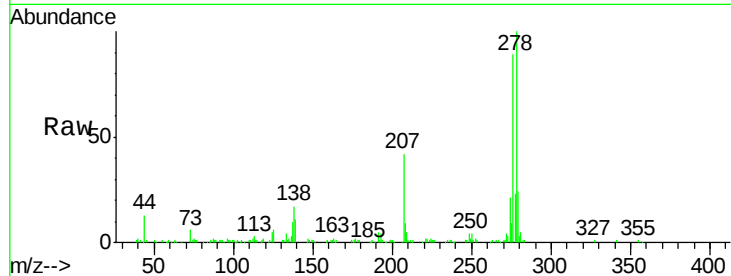
#90
Dibenzo(a,h)anthracene
Concen: 2.95 ng/ul
RT: 26.04 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

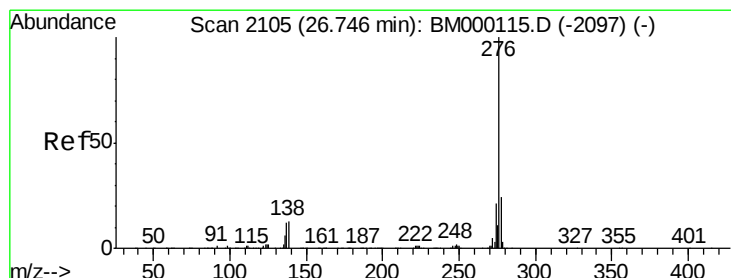
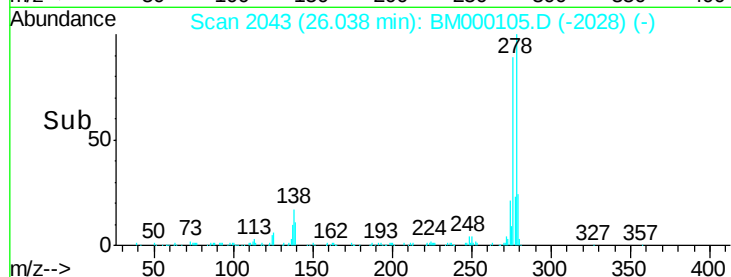
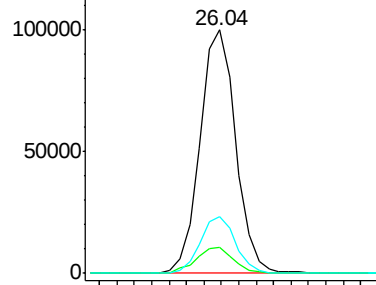
Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.7	10.2	15.2
279	23.5	19.2	28.8

Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.90 ng/ul
RT: 26.73 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BM000105.D
Acq: 02 Jan 2015 12:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.1	18.1
277	24.2	19.0	28.4

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

