

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
 Data File : BM000113.D
 Acq On : 02 Jan 2015 17:44
 Operator : TP/IZ
 Sample : MDL-03-S-ML
 Misc : MDL-03-SOIL-8PPM-ML
 ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 1/6/2015 1:39:17 PM

Quant Time: Jan 05 00:38:07 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 05 00:18:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	278431	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1221268	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	864668	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1759080	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1605007	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	1203048	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	28728	5.98	ng/uL	0.00
5) Phenol-d5	7.00	99	766036	31.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	465932	31.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	549972	32.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	612147	32.13	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	292572	34.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	321961	37.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	592086	30.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	798854	36.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	2137436	33.52	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2437079	31.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	313072	30.39	ng/ul	0.00
57) Fluorene-d10	15.47	176	1772232	32.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	194834	22.33	ng/ul	0.00
70) Anthracene-d10	17.32	188	2667410	32.79	ng/ul	0.00
76) Pyrene-d10	19.61	212	2796652	37.77	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.55	264	1888309	34.78	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	29069	4.37 ng/uL	94
4) Benzaldehyde	6.97	77	84903	5.65 ng/ul	98
6) Phenol	7.02	94	116029	4.62 ng/ul	92
8) Bis(2-Chloroethyl)ether	7.26	93	93046	4.85 ng/ul	96
10) 2-Chlorophenol	7.40	128	83427	4.64 ng/ul	97
11) 2-Methylphenol	8.26	108	87364	4.51 ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.37	45	155096	5.02 ng/ul	99
14) Acetophenone	8.65	105	146085	4.49 ng/ul	95
15) N-Nitroso-di-n-propylamine	8.64	70	81310	4.78 ng/ul#	91
16) 4-Methylphenol	8.60	108	98460	4.70 ng/ul	96
17) Hexachloroethane	8.92	117	38260	4.66 ng/ul	91
20) Nitrobenzene	9.03	77	123681	4.91 ng/ul	98
21) Isophorone	9.56	82	223186	4.60 ng/ul	99
23) 2-Nitrophenol	9.74	139	49642	5.21 ng/ul#	85
24) 2,4-Dimethylphenol	9.80	107	126609	4.90 ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.04	93	127613	4.72 ng/ul	96
27) 2,4-Dichlorophenol	10.28	162	92483	4.87 ng/ul	98
28) Naphthalene	10.68	128	293708	4.72 ng/ul	99
30) 4-Chloroaniline	10.79	127	103389	4.63 ng/ul	96
31) Hexachlorobutadiene	10.96	225	64019	4.75 ng/ul	94
32) Caprolactam	11.58	113	26868m	4.24 ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	108867	4.67 ng/ul	98
34) 2-Methylnaphthalene	12.29	142	223889	4.85 ng/ul	99

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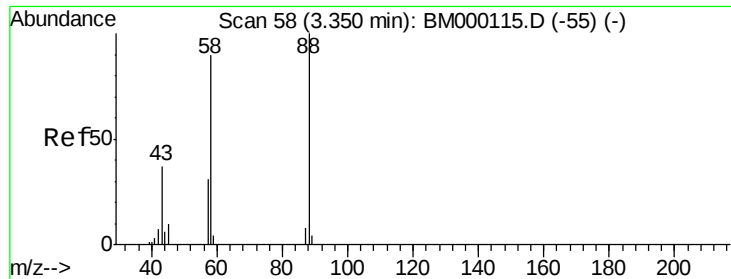
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Quant Time: Jan 05 00:38:07 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	116357	4.85	ng/ul#	97
37) Hexachlorocyclopentadiene	12.64	237	55841	3.53	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.89	196	72212	4.72	ng/ul	94
39) 2,4,5-Trichlorophenol	12.96	196	78710	4.74	ng/ul	96
40) 1,1'-Biphenyl	13.31	154	297167	4.77	ng/ul	98
41) 2-Chloronaphthalene	13.34	162	230846	4.83	ng/ul	99
42) 2-Nitroaniline	13.55	65	73862	4.77	ng/ul	99
44) Dimethylphthalate	13.92	163	312709	4.92	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	54594	4.81	ng/ul	95
47) Acenaphthylene	14.20	152	379917	4.72	ng/ul	99
48) 3-Nitroaniline	14.37	138	57172	4.91	ng/ul	99
49) Acenaphthene	14.54	153	242181	4.72	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	10594	1.84	ng/ul	92
52) 4-Nitrophenol	14.68	109	66439	4.85	ng/ul	94
53) Dibenzofuran	14.87	168	355582	4.78	ng/ul	95
54) 2,4-Dinitrotoluene	14.83	165	80791	4.77	ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.09	232	62255	4.35	ng/ul	92
56) Diethylphthalate	15.29	149	320094	4.79	ng/ul	100
58) Fluorene	15.52	166	297360	4.82	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.51	204	151136	4.97	ng/ul	99
60) 4-Nitroaniline	15.53	138	60755	4.62	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.59	198	29014	3.25	ng/ul#	78
64) N-Nitrosodiphenylamine	15.73	169	253011	4.96	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	89413	4.99	ng/ul#	86
66) Hexachlorobenzene	16.52	284	104774	5.07	ng/ul	98
67) Atrazine	16.68	200	94410	4.69	ng/ul	95
68) Pentachlorophenol	16.86	266	39074	3.11	ng/ul	95
69) Phenanthrene	17.26	178	468094	4.92	ng/ul	99
71) Anthracene	17.35	178	460810	4.71	ng/ul	98
72) Carbazole	17.61	167	421203	4.78	ng/ul	100
73) Di-n-butylphthalate	18.17	149	508805	4.84	ng/ul	99
74) Fluoranthene	19.27	202	531488	4.87	ng/ul	99
77) Pyrene	19.64	202	539295	5.58	ng/ul	99
78) Butylbenzylphthalate	20.54	149	197258	5.02	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.32	252	129471	4.41	ng/ul	96
80) Benzo(a)anthracene	21.39	228	450289	4.86	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.32	149	287384	5.02	ng/ul#	99
82) Chrysene	21.43	228	407423	4.77	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	420511	5.08	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	372898	4.86	ng/ul	97
86) Benzo(k)fluoranthene	23.04	252	347065	5.30	ng/ul	99
88) Benzo(a)pyrene	23.59	252	344570	5.11	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	352454	5.01	ng/ul	100
90) Dibenzo(a,h)anthracene	26.04	278	300648	5.07	ng/ul#	95
91) Benzo(g,h,i)perylene	26.74	276	290809	5.03	ng/ul	98

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



#2

1,4-Dioxane

Concen: 4.37 ng/uL

RT: 3.35 min Scan# 58

Delta R.T. -0.00 min

Lab File: BM000113.D

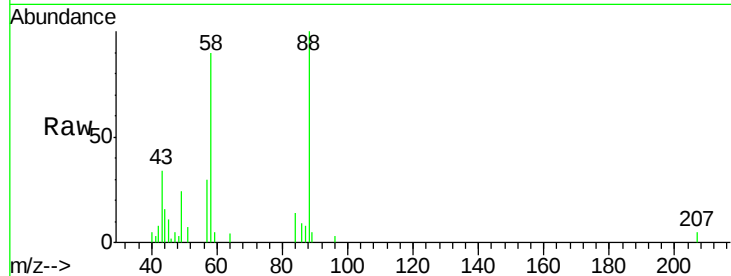
Acq: 02 Jan 2015 17:44

Instrument :

BNA_M

ClientSampleId :

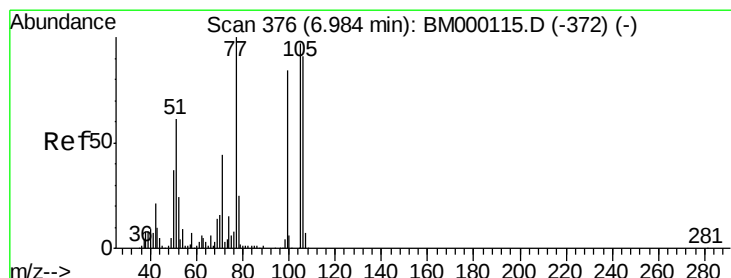
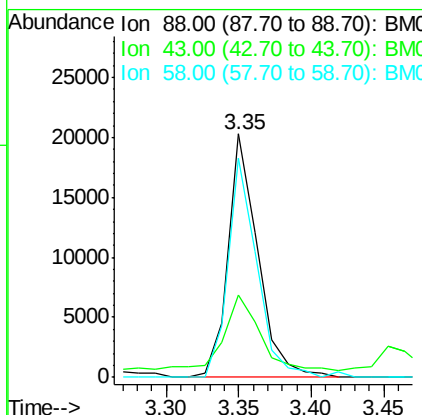
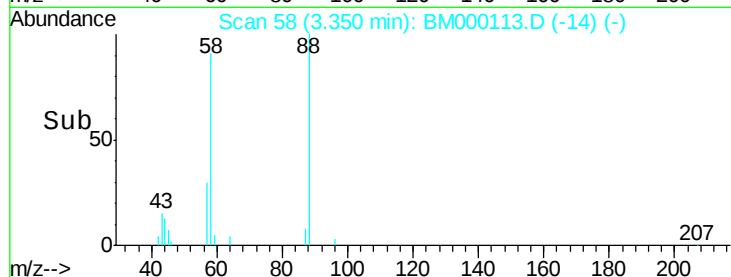
MDL-03-S-ML



Tgt Ion:	88	Resp:	29069
Ion	Ratio	Lower	Upper
88	100		
43	35.2	34.9	52.3
58	86.5	67.3	100.9

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#4

Benzaldehyde

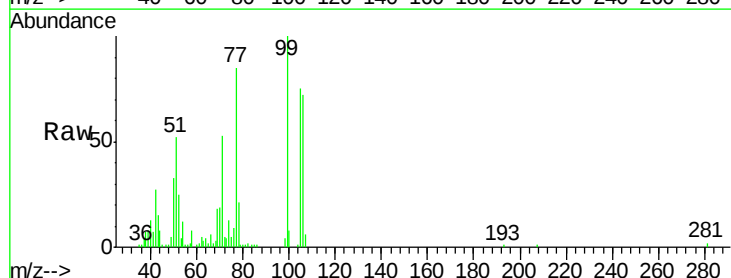
Concen: 5.65 ng/uL

RT: 6.97 min Scan# 375

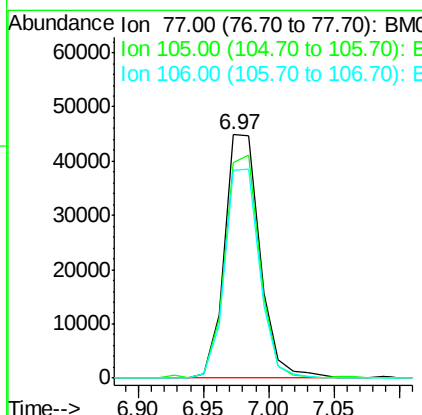
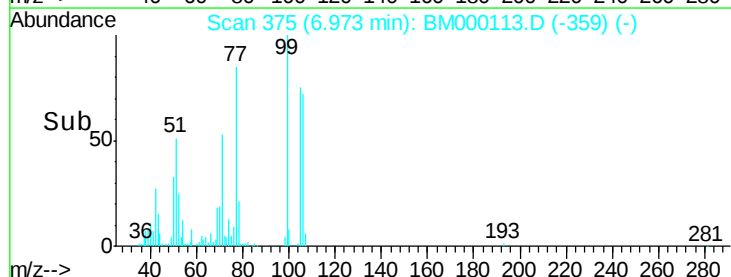
Delta R.T. -0.01 min

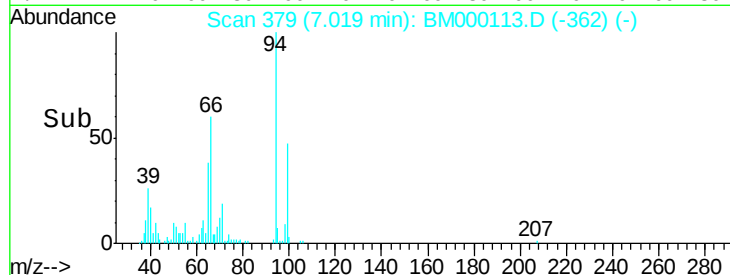
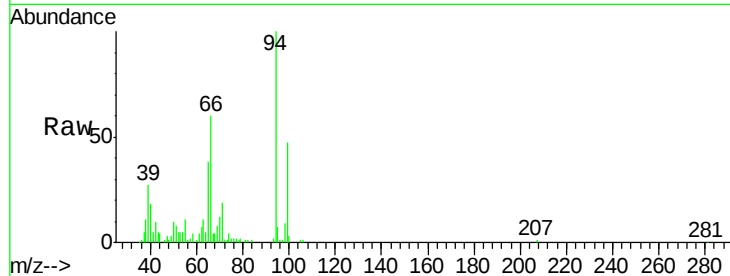
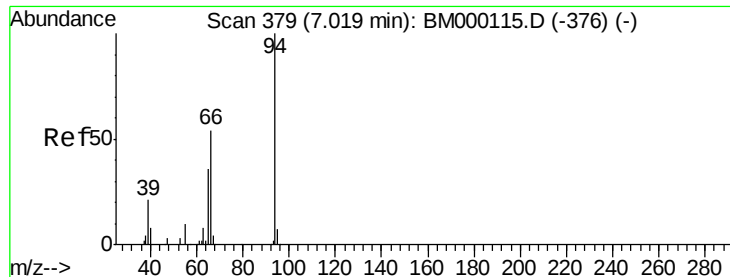
Lab File: BM000113.D

Acq: 02 Jan 2015 17:44



Tgt Ion:	77	Resp:	84903
Ion	Ratio	Lower	Upper
77	100		
105	88.7	73.5	110.3
106	85.2	67.9	101.9





#6

Phenol

Concen: 4.62 ng/ul

RT: 7.02 min Scan# 379

Delta R.T. -0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Tgt Ion:	94	Resp:	116029
Ion	Ratio	Lower	Upper
94	100		
65	37.6	27.4	41.0
66	59.7	42.5	63.7

Instrument :

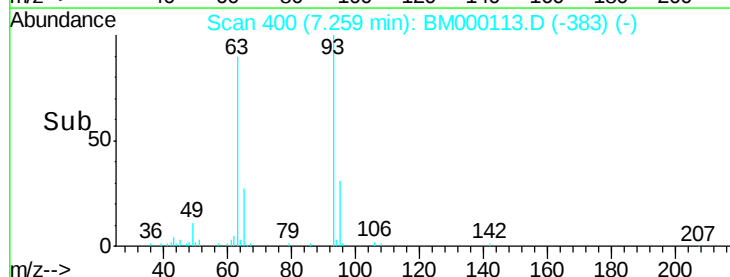
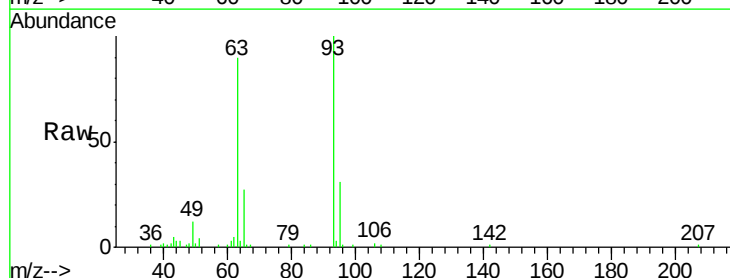
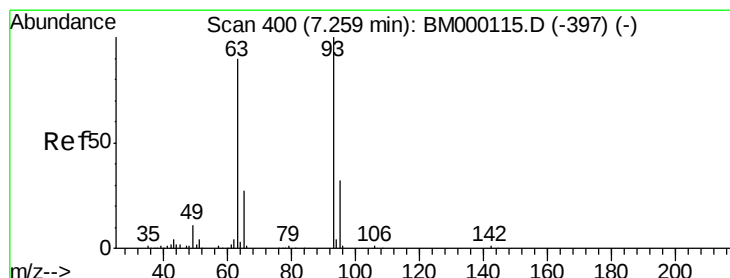
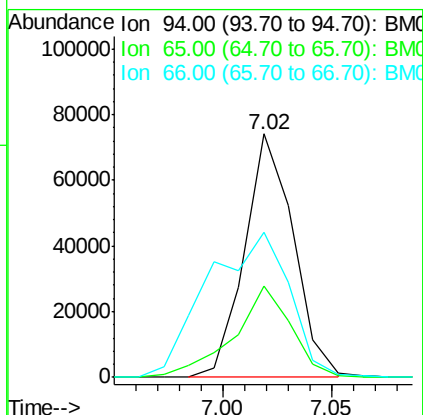
BNA_M

ClientSampleId :

MDL-03-S-ML

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#8

Bis(2-Chloroethyl)ether

Concen: 4.85 ng/ul

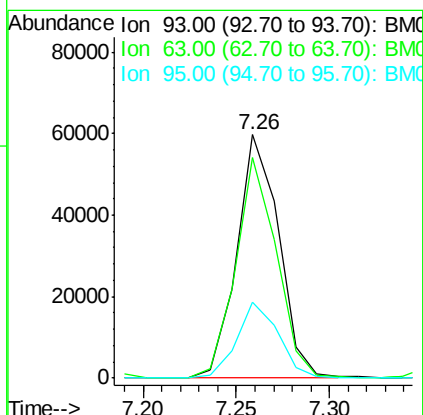
RT: 7.26 min Scan# 400

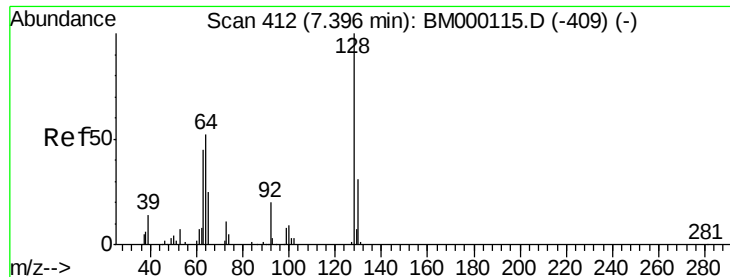
Delta R.T. -0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Tgt Ion:	93	Resp:	93046
Ion	Ratio	Lower	Upper
93	100		
63	90.4	68.9	103.3
95	31.4	24.6	37.0





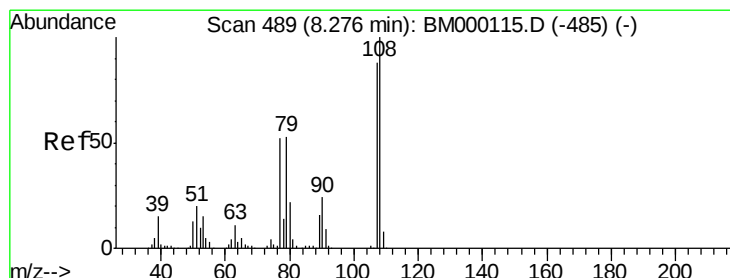
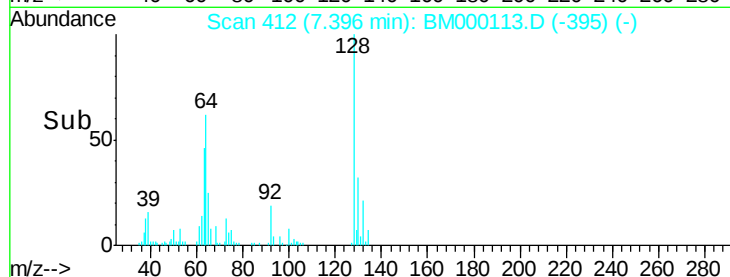
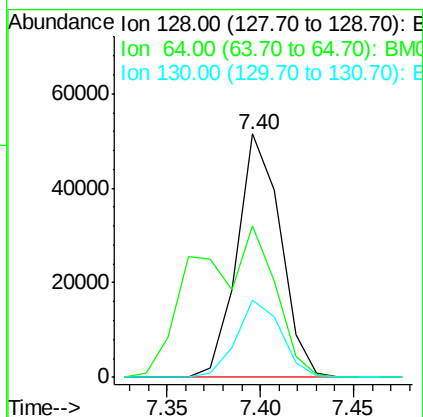
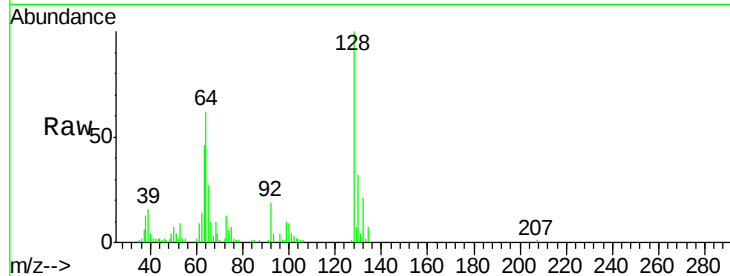
#10
2-Chlorophenol
Concen: 4.64 ng/ul
RT: 7.40 min Scan# 412
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

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

Tgt Ion	Ratio	Lower	Upper
128	100		
64	62.4	47.2	70.8
130	31.7	25.2	37.8

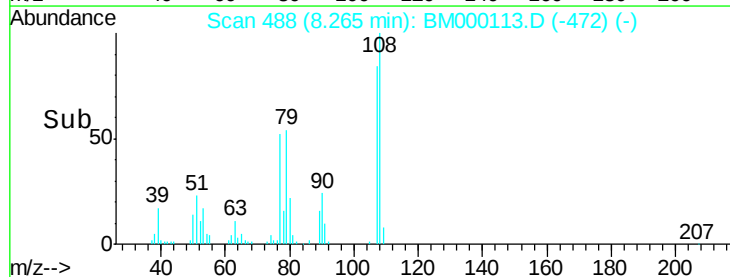
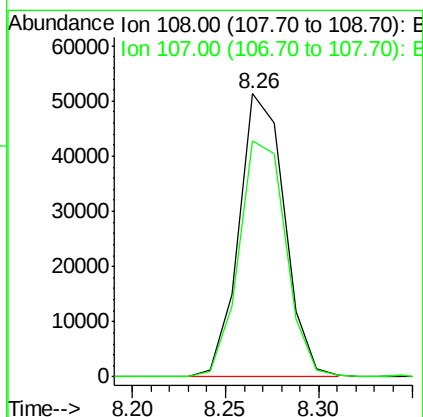
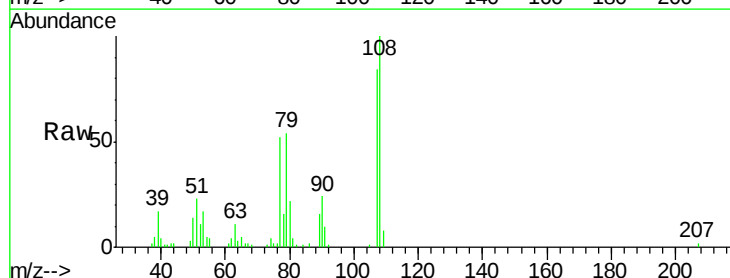
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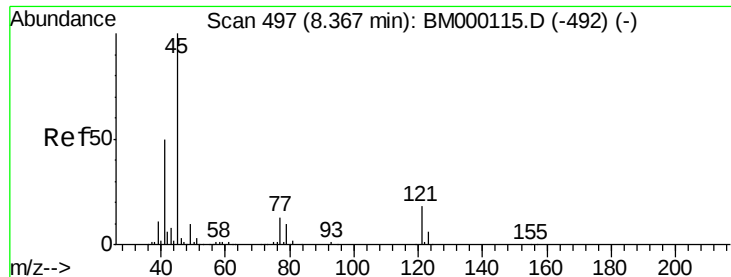
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#11
2-Methylphenol
Concen: 4.51 ng/ul
RT: 8.26 min Scan# 488
Delta R.T. -0.01 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Lower	Upper
108	100		
107	83.5	70.7	106.1





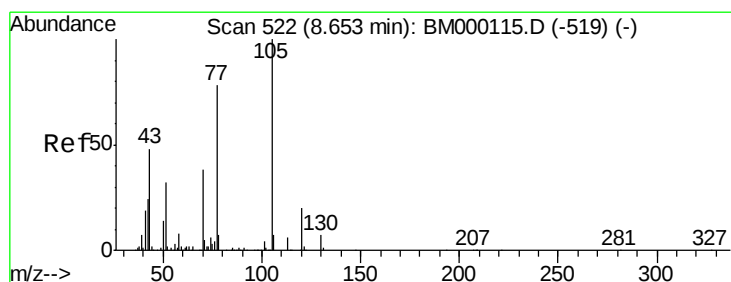
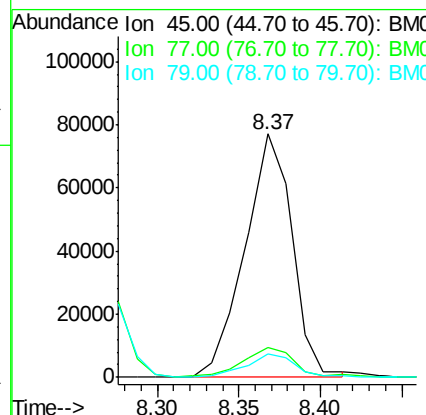
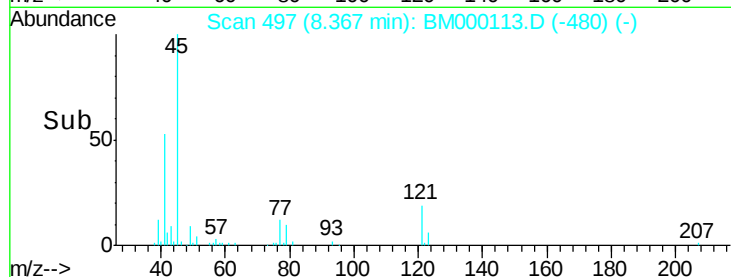
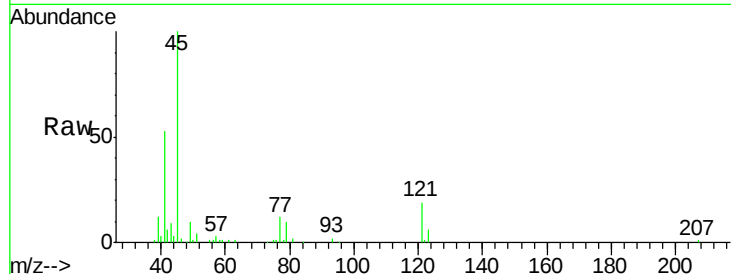
#12
2,2'-oxybis(1-Chloropropane)
Concen: 5.02 ng/ul
RT: 8.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

Instrument :
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MDL-03-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
45	100		
77	12.5	9.9	14.9
79	9.5	8.3	12.5

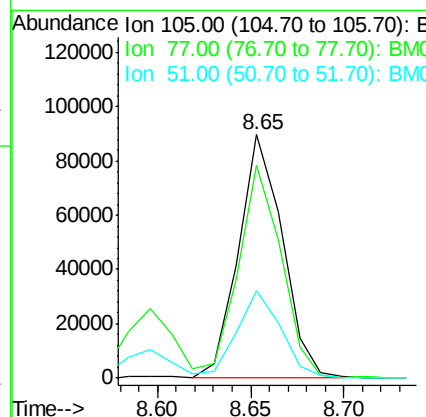
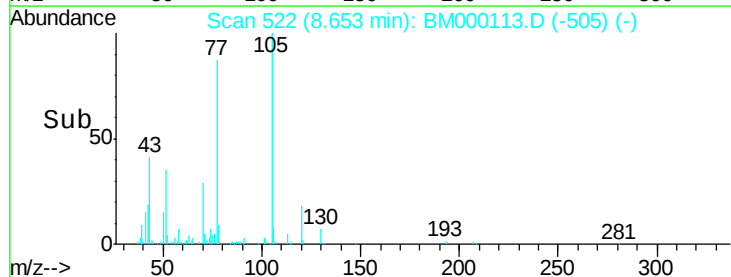
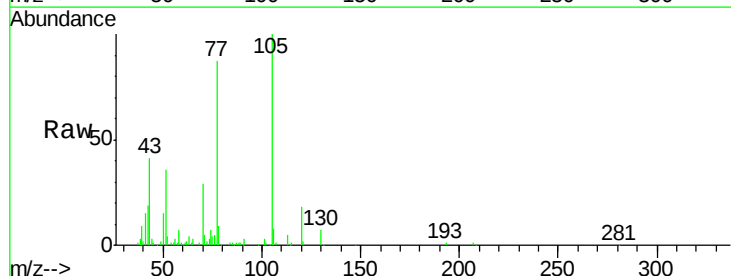
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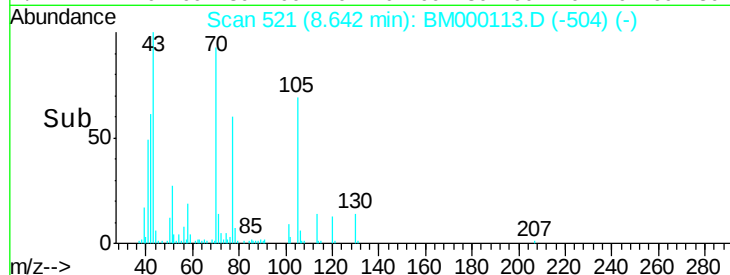
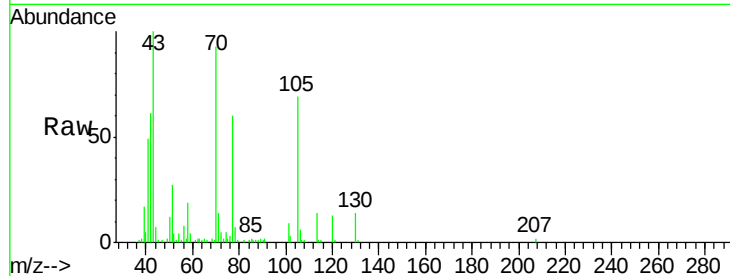
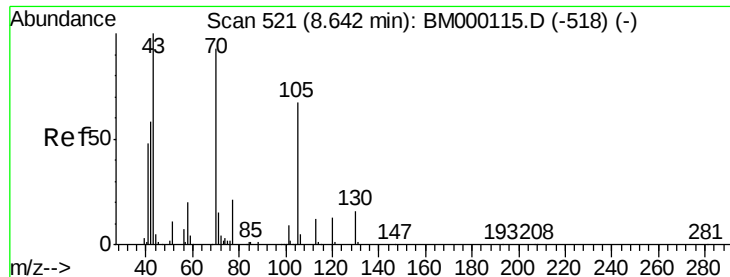
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#14
Acetophenone
Concen: 4.49 ng/ul
RT: 8.65 min Scan# 522
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
77	87.4	66.3	99.5
51	35.8	26.5	39.7





#15

N-Nitroso-di-n-propylamine

Concen: 4.78 ng/ul

RT: 8.64 min Scan# 521

Delta R.T. 0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Instrument :

BNA_M

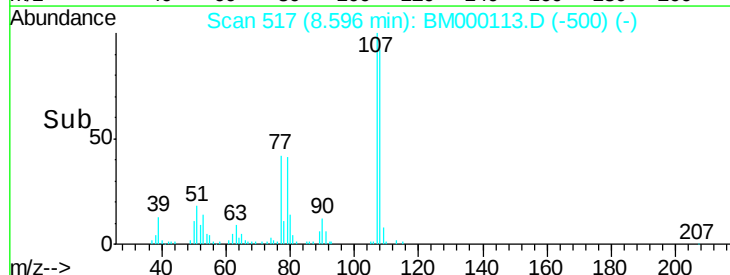
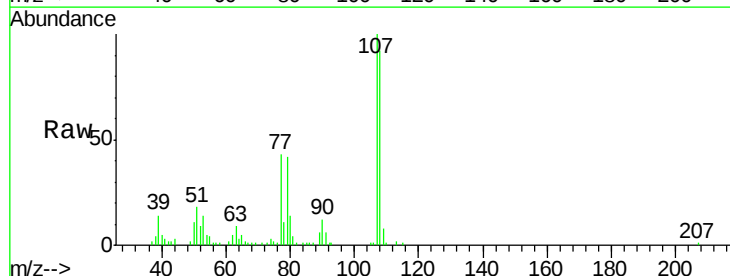
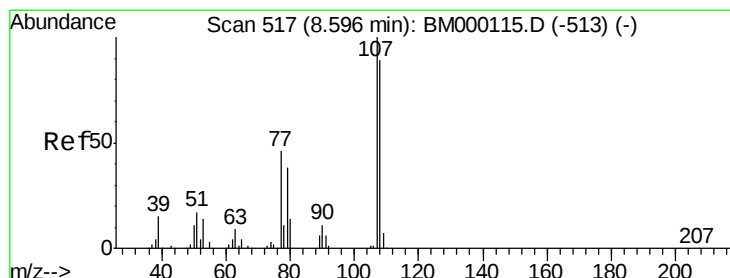
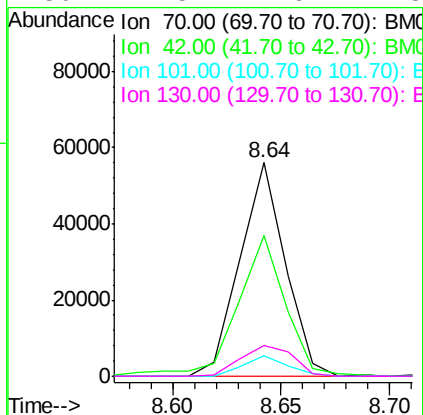
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	70	Resp:	81310
Ion Ratio	Lower	Upper	
70	100		
42	66.0	46.4	69.6
101	9.7	7.8	11.8
130	14.5	14.6	21.8#

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#16

4-Methylphenol

Concen: 4.70 ng/ul

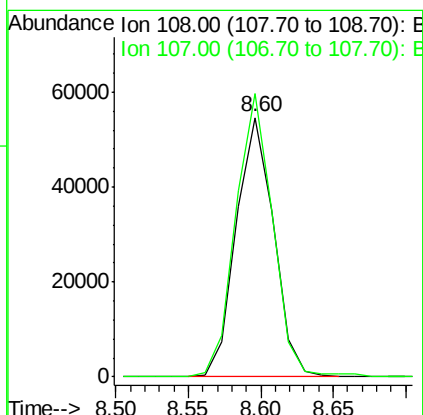
RT: 8.60 min Scan# 517

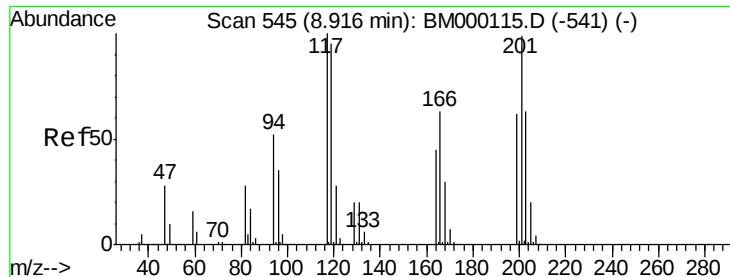
Delta R.T. -0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Tgt Ion:	108	Resp:	98460
Ion Ratio	Lower	Upper	
108	100		
107	109.1	84.0	126.0





#17

Hexachloroethane

Concen: 4.66 ng/ul

RT: 8.92 min Scan# 545

Delta R.T. -0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Instrument :

BNA_M

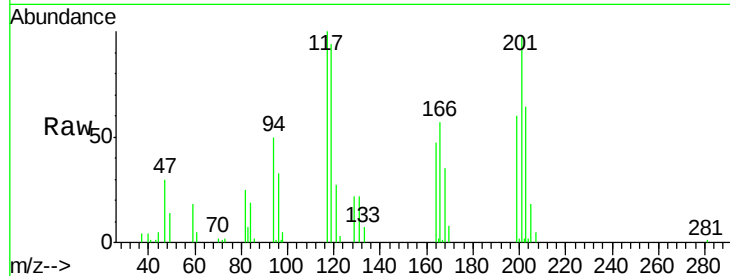
ClientSampleId :

MDL-03-S-ML

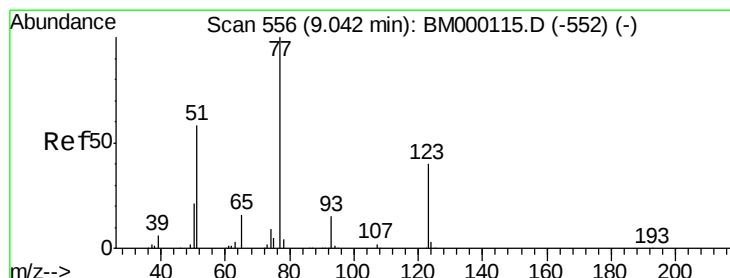
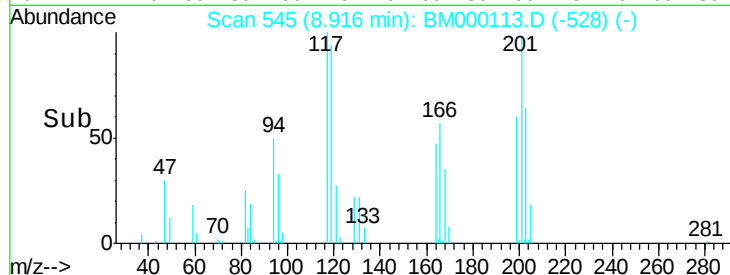
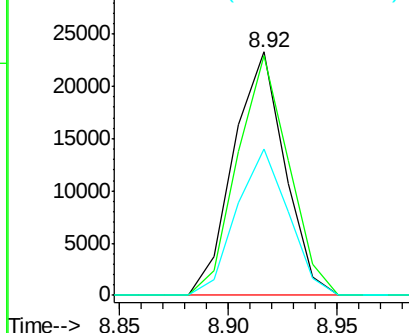
Tgt Ion:	117	Resp:	38260
Ion Ratio	Lower	Upper	
117	100		
201	98.4	85.2	127.8
199	60.3	55.1	82.7

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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: 4.91 ng/ul

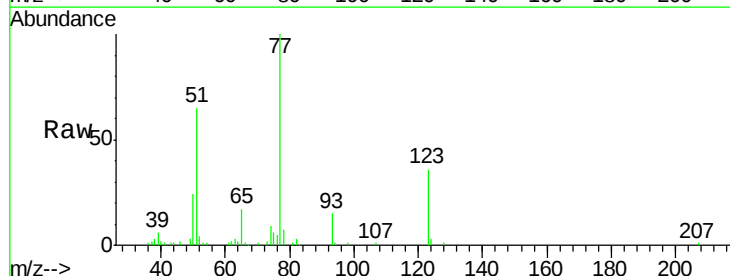
RT: 9.03 min Scan# 555

Delta R.T. -0.01 min

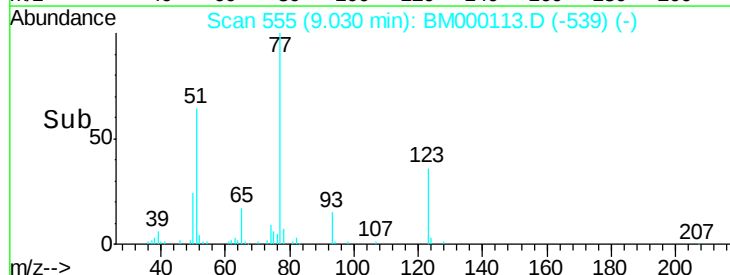
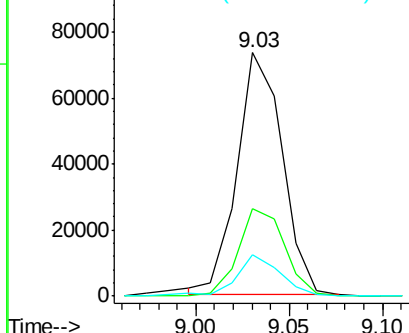
Lab File: BM000113.D

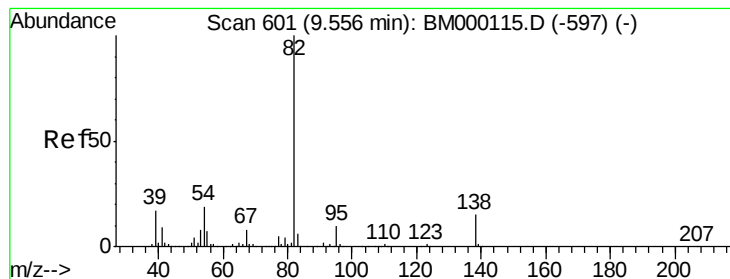
Acq: 02 Jan 2015 17:44

Tgt Ion:	77	Resp:	123681
Ion Ratio	Lower	Upper	
77	100		
123	35.8	29.2	43.8
65	17.2	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: 4.60 ng/ul

RT: 9.56 min Scan# 601

Delta R.T. -0.00 min

Lab File: BM000113.D

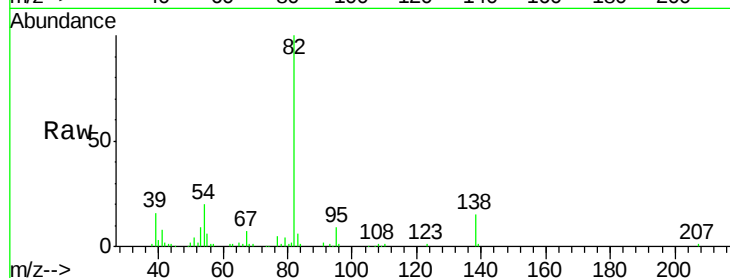
Acq: 02 Jan 2015 17:44

Instrument :

BNA_M

ClientSampleId :

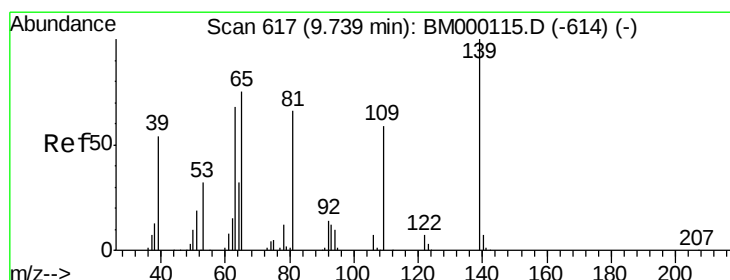
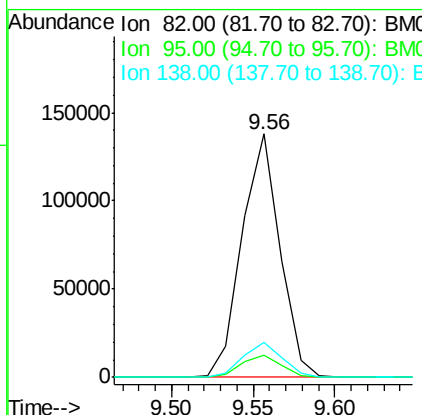
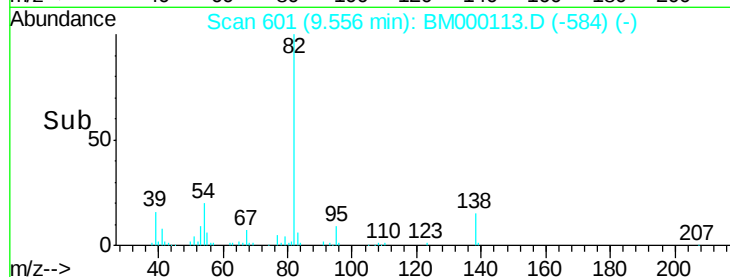
MDL-03-S-ML



Tgt Ion	Ratio	Resp	Lower	Upper
82	100	223186		
95	9.3	6.9	10.3	
138	14.6	12.1	18.1	

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#23

2-Nitrophenol

Concen: 5.21 ng/ul

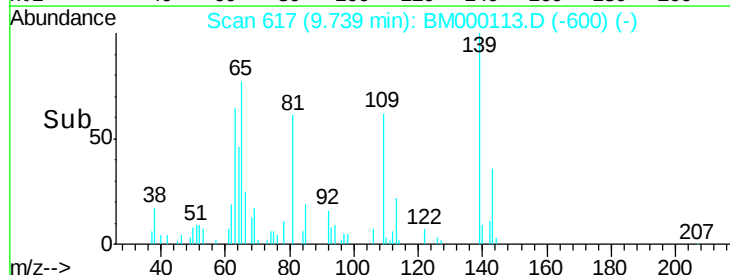
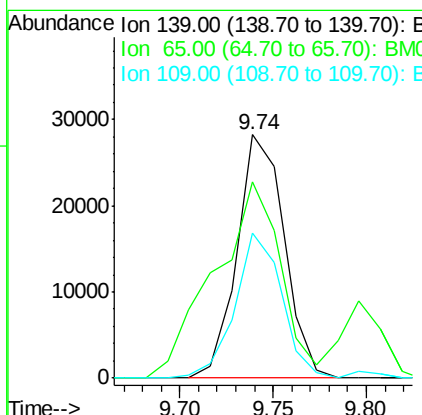
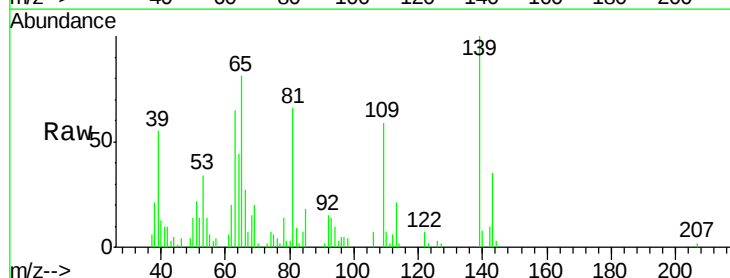
RT: 9.74 min Scan# 617

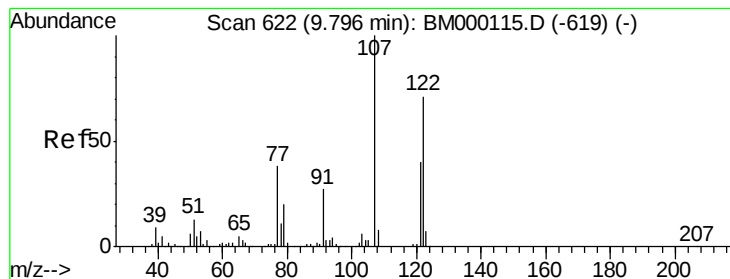
Delta R.T. 0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	49642		
65	80.6	56.3	84.5	
109	59.4	37.1	55.7	





#24

2,4-Dimethylphenol

Concen: 4.90 ng/ul

RT: 9.80 min Scan# 622

Delta R.T. 0.00 min

Lab File: BM000113.D

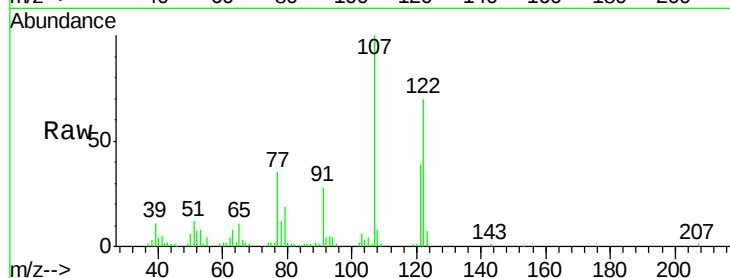
Acq: 02 Jan 2015 17:44

Instrument :

BNA_M

ClientSampleId :

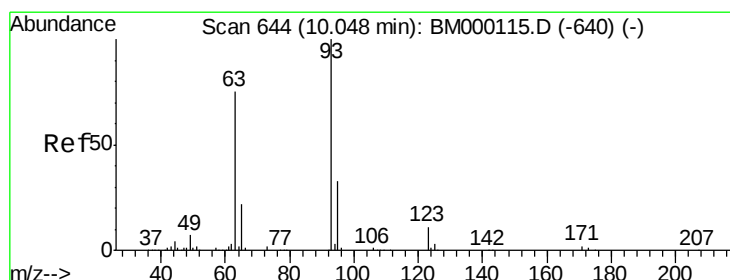
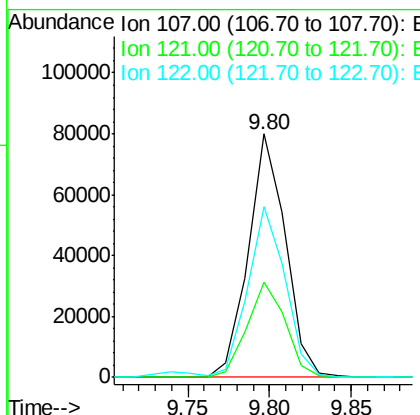
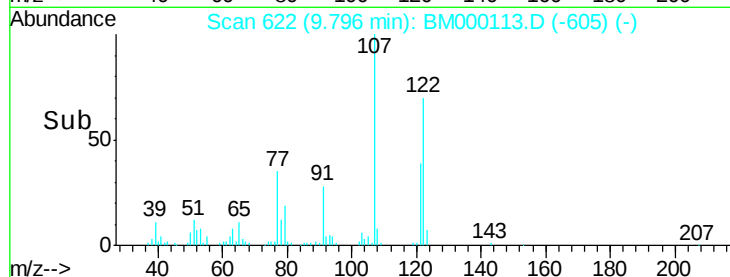
MDL-03-S-ML



Tgt Ion	Ratio	Lower	Upper
107	100		
121	38.9	33.0	49.6
122	70.3	59.3	88.9

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#25

Bis(2-Chloroethoxy)methane

Concen: 4.72 ng/ul

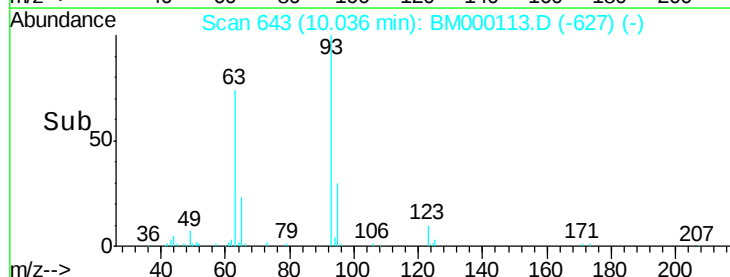
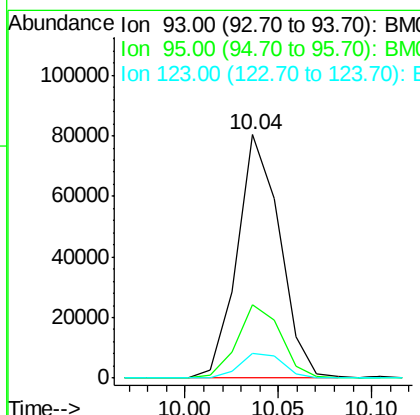
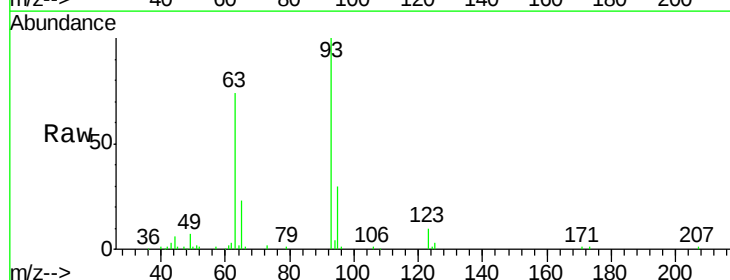
RT: 10.04 min Scan# 643

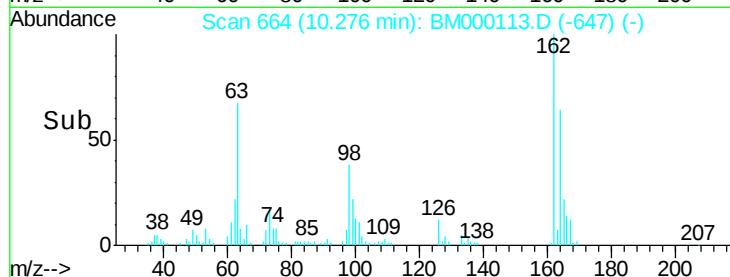
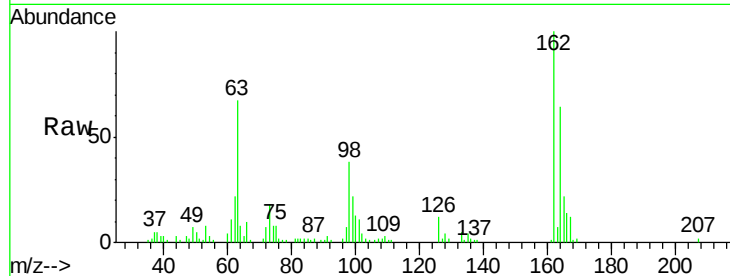
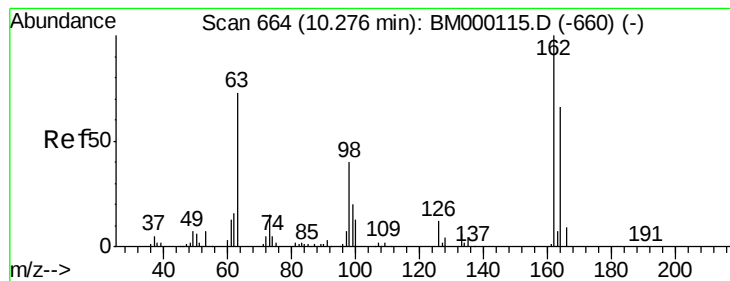
Delta R.T. -0.01 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.4	26.1	39.1
123	10.1	7.4	11.2





#27

2,4-Dichlorophenol

Concen: 4.87 ng/ul

RT: 10.28 min Scan# 664

Delta R.T. -0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Tgt Ion:	162	Resp:	92483
Ion Ratio	Lower	Upper	
162	100		
164	63.8	50.2	75.4
98	38.0	31.4	47.2

Instrument :

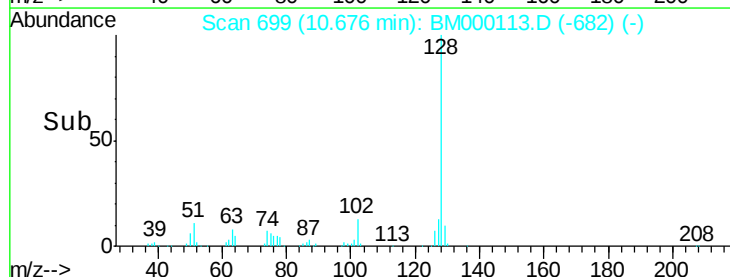
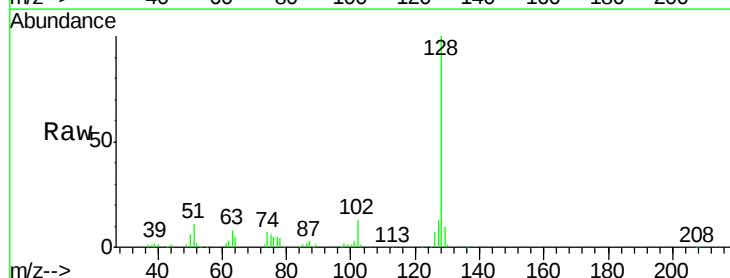
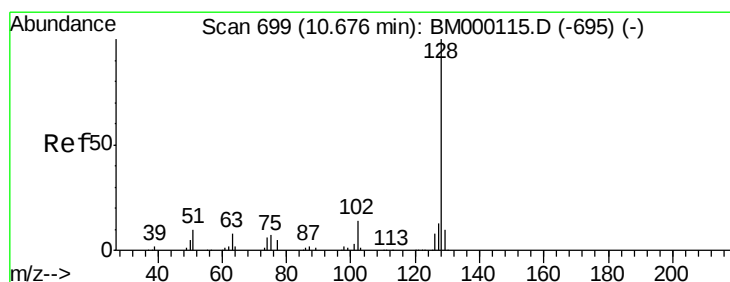
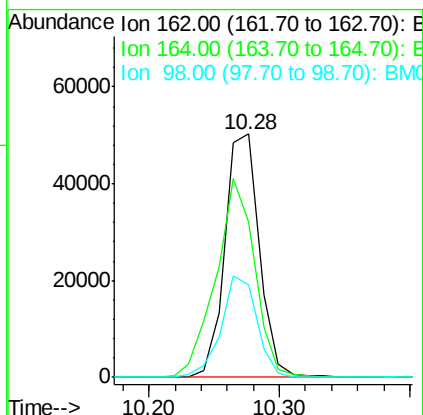
BNA_M

ClientSampleId :

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#28

Naphthalene

Concen: 4.72 ng/ul

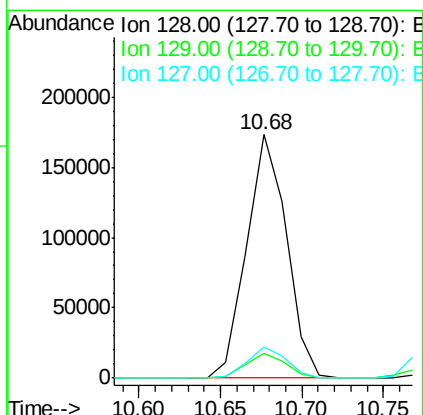
RT: 10.68 min Scan# 699

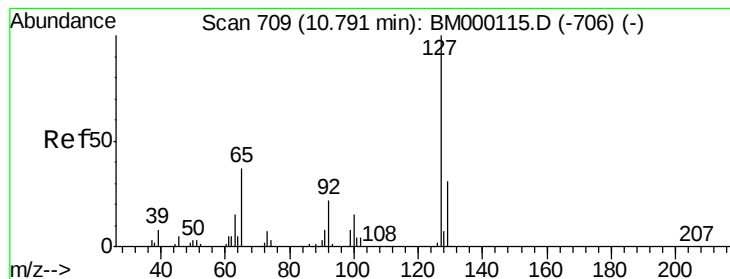
Delta R.T. -0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Tgt Ion:	128	Resp:	293708
Ion Ratio	Lower	Upper	
128	100		
129	10.2	8.6	13.0
127	12.7	10.3	15.5





#30

4-Chloroaniline

Concen: 4.63 ng/ul

RT: 10.79 min Scan# 709

Delta R.T. 0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

Tgt Ion:127 Resp: 103389

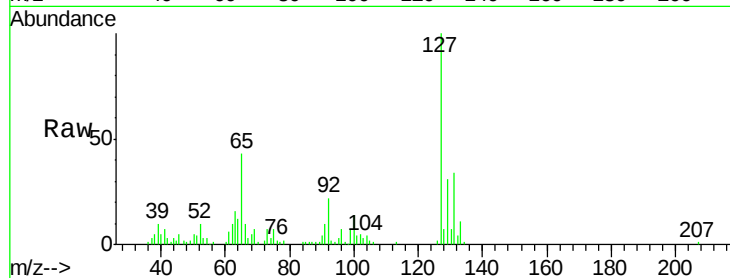
Ion Ratio Lower Upper

127 100

129 31.0 26.5 39.7

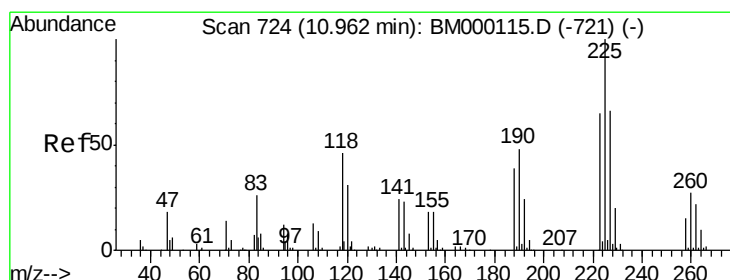
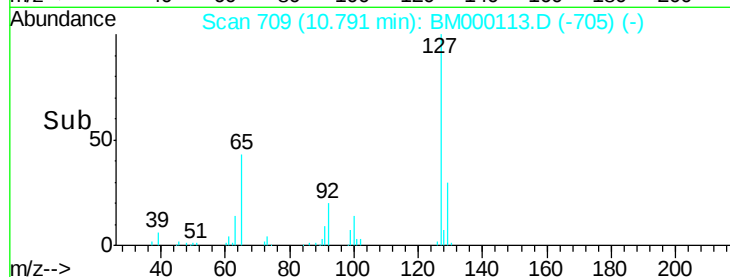
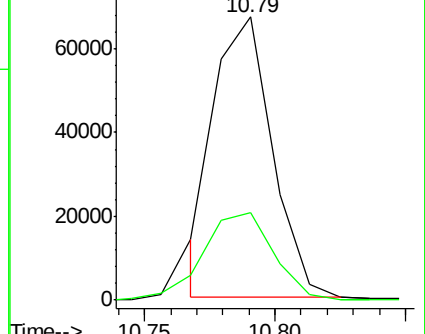
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Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 4.75 ng/ul

RT: 10.96 min Scan# 724

Delta R.T. -0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

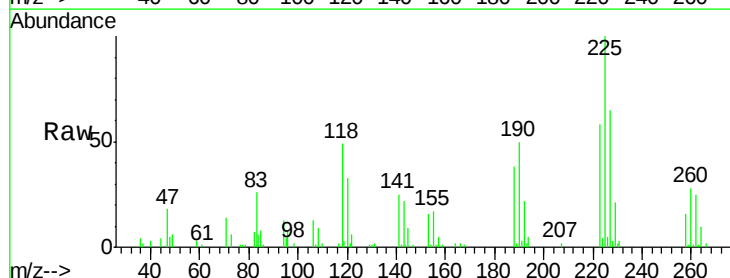
Tgt Ion:225 Resp: 64019

Ion Ratio Lower Upper

225 100

223 58.3 54.4 81.6

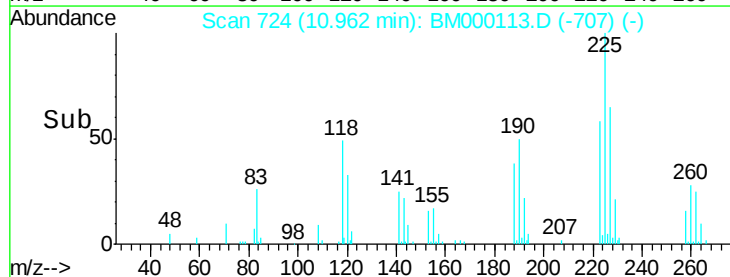
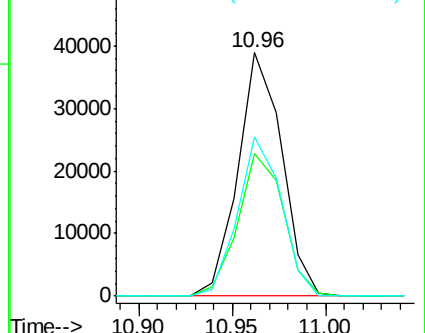
227 65.1 51.8 77.8

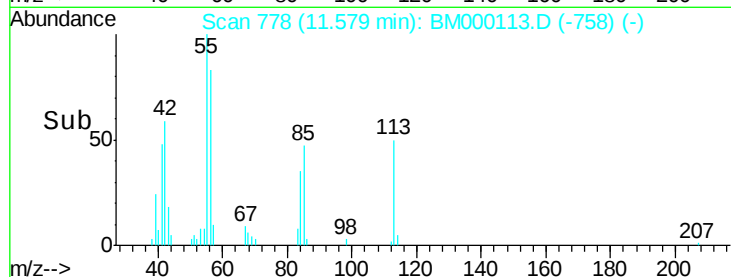
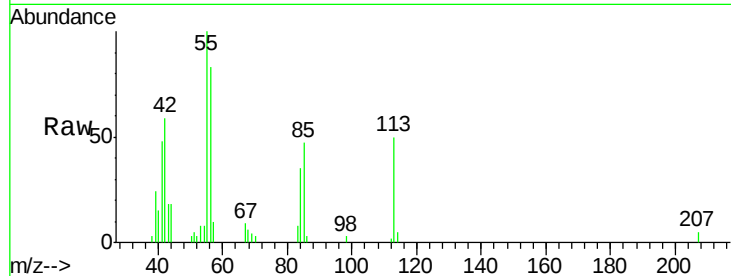
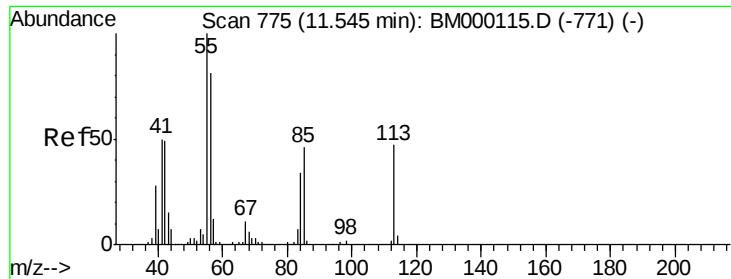


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 4.24 ng/ul m

RT: 11.58 min Scan# 778

Delta R.T. 0.03 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Tgt Ion:	113	Resp:	26868
Ion Ratio	Lower	Upper	
113	100		
55	201.9	156.6	234.8
56	166.7	126.3	189.5

Instrument :

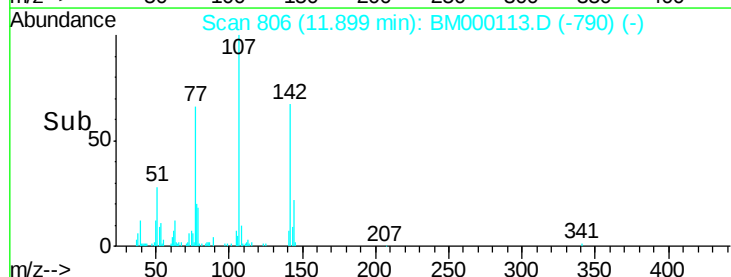
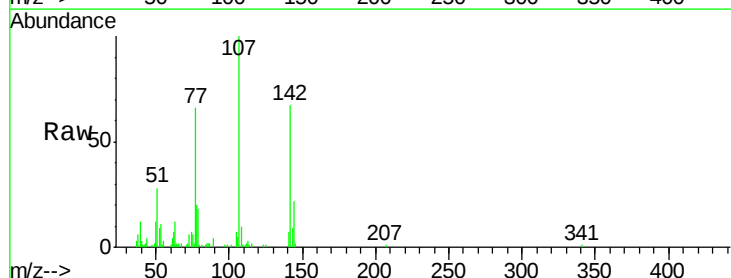
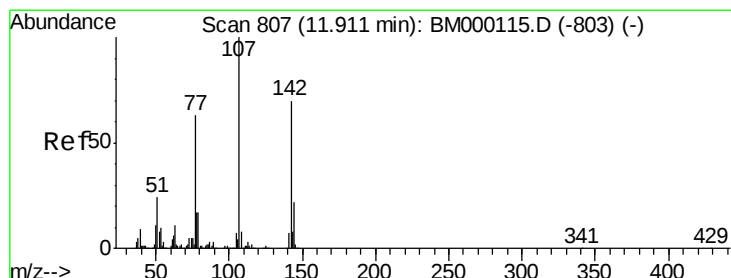
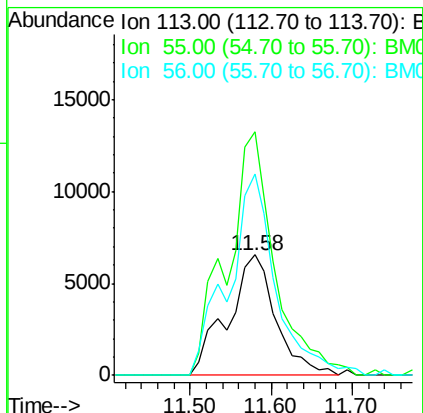
BNA_M

ClientSampleId :

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#33

4-Chloro-3-methylphenol

Concen: 4.67 ng/ul

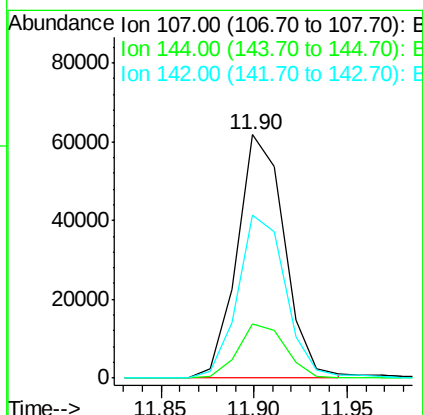
RT: 11.90 min Scan# 806

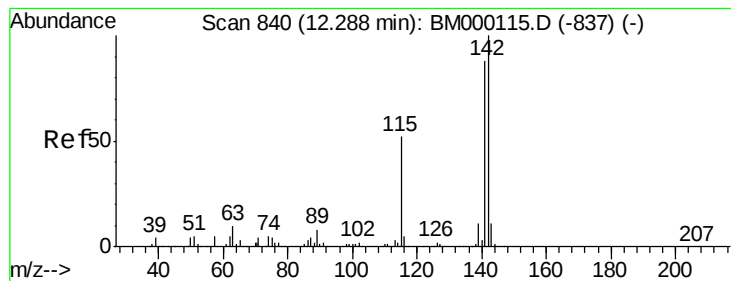
Delta R.T. -0.01 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Tgt Ion:	107	Resp:	108867
Ion Ratio	Lower	Upper	
107	100		
144	22.1	16.6	24.8
142	66.8	54.6	82.0





#34

2-Methylnaphthalene

Concen: 4.85 ng/ul

RT: 12.29 min Scan# 840

Delta R.T. -0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

Tgt Ion:142 Resp: 223889

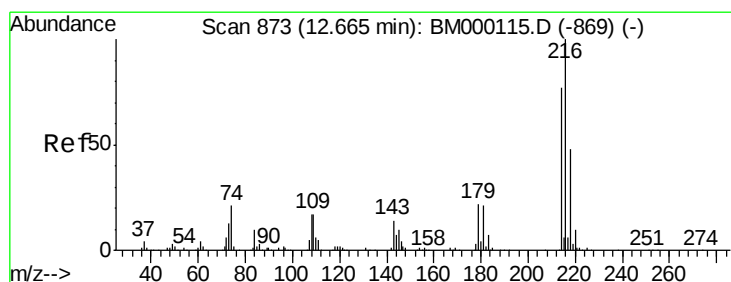
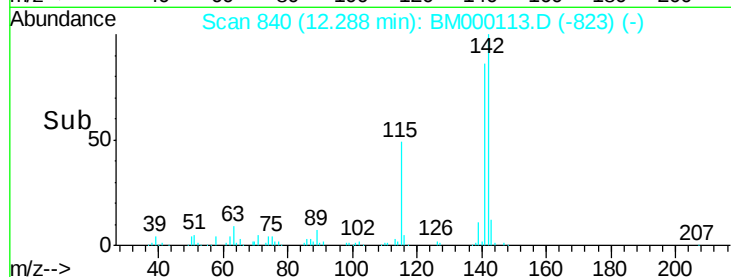
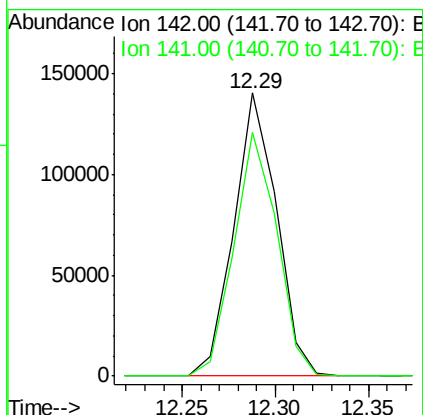
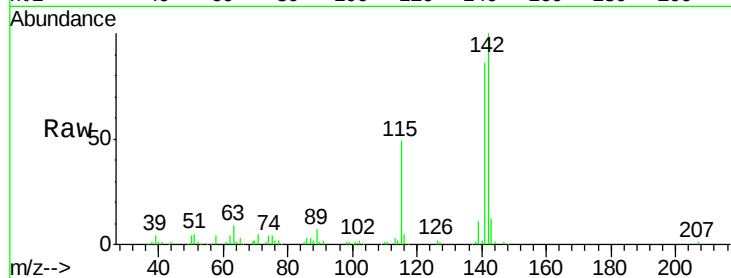
Ion Ratio Lower Upper

142 100

141 86.0 69.3 103.9

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#36

1,2,4,5-Tetrachlorobenzene

Concen: 4.85 ng/ul

RT: 12.65 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Tgt Ion:216 Resp: 116357

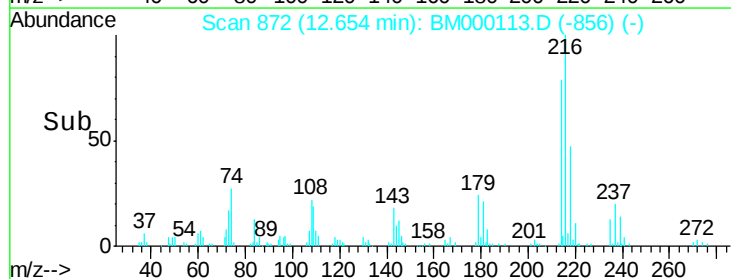
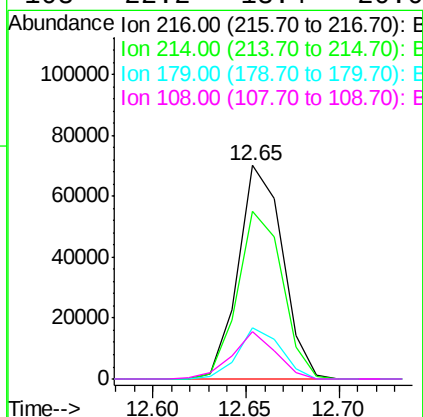
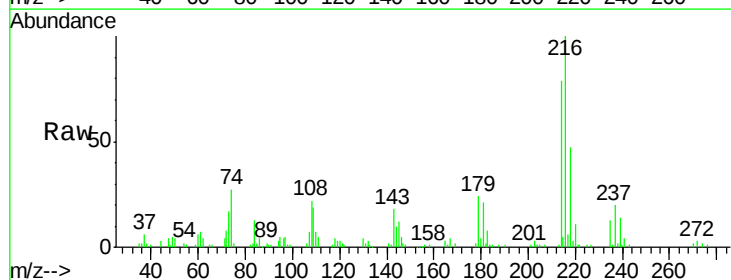
Ion Ratio Lower Upper

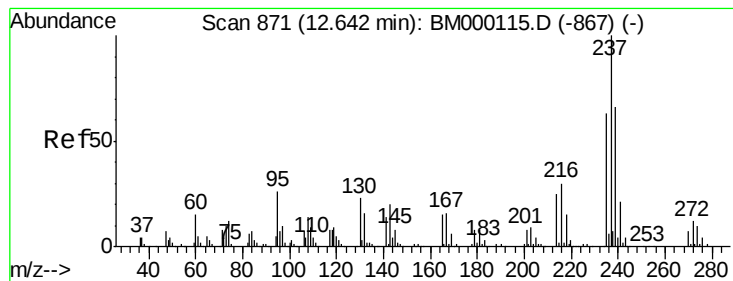
216 100

214 78.7 62.6 94.0

179 23.7 17.4 26.2

108 22.2 13.4 20.0#





#37

Hexachlorocyclopentadiene

Concen: 3.53 ng/ul

RT: 12.64 min Scan# 871

Delta R.T. -0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Instrument :

BNA_M

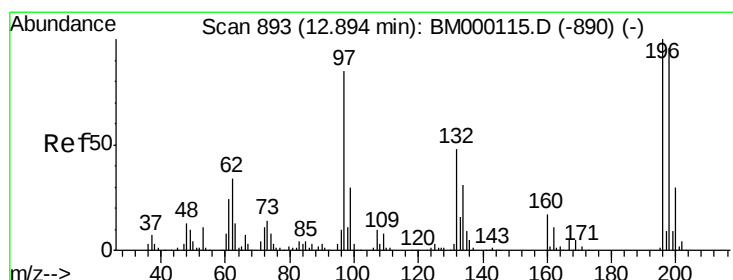
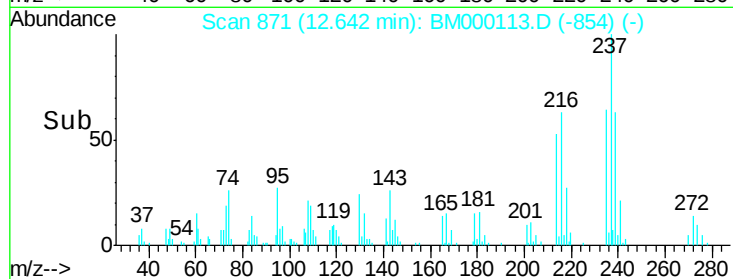
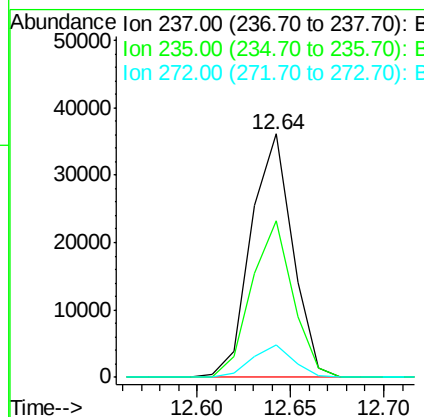
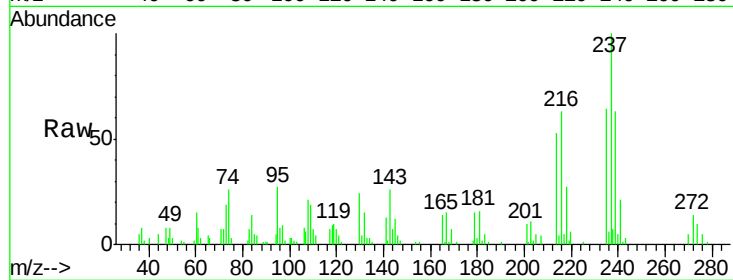
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	237	Resp:	55841
Ion Ratio	Lower	Upper	
237	100		
235	64.1	50.0	75.0
272	13.5	8.9	13.3#

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#38

2,4,6-Trichlorophenol

Concen: 4.72 ng/ul

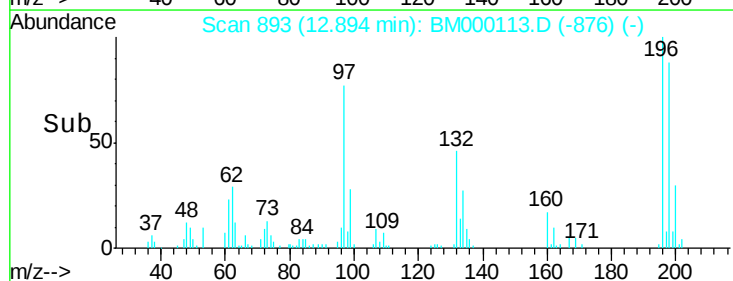
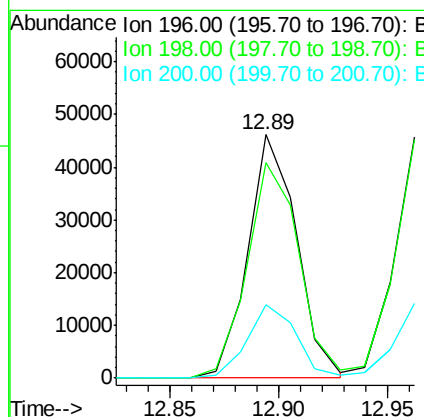
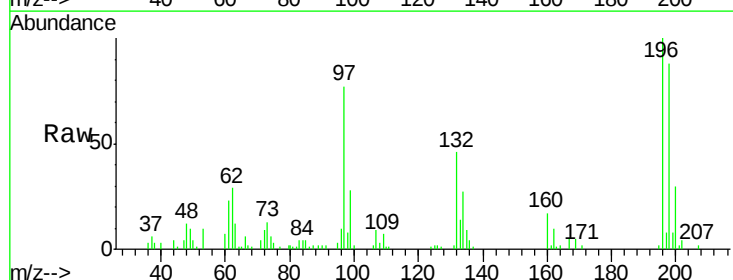
RT: 12.89 min Scan# 893

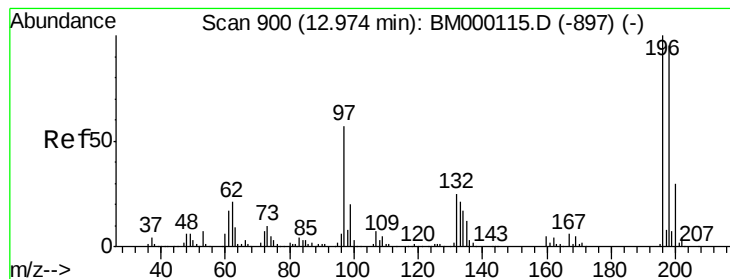
Delta R.T. 0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Tgt Ion:	196	Resp:	72212
Ion Ratio	Lower	Upper	
196	100		
198	88.3	76.6	114.8
200	30.1	24.5	36.7





#39

2,4,5-Trichlorophenol

Concen: 4.74 ng/ul

RT: 12.96 min Scan# 899

Delta R.T. -0.01 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Instrument :

BNA_M

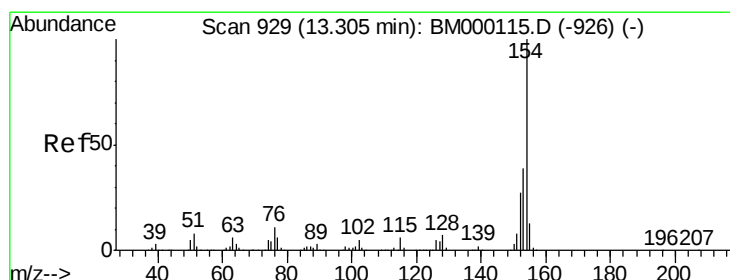
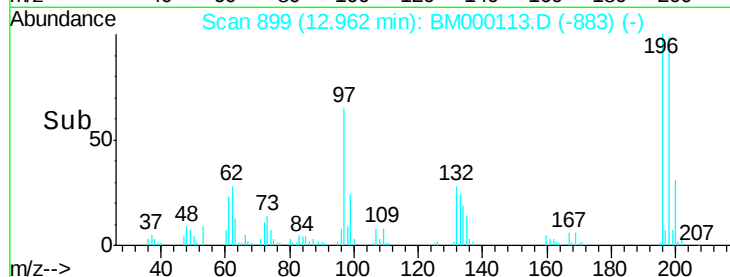
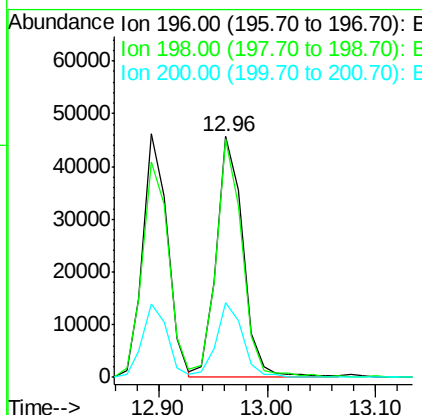
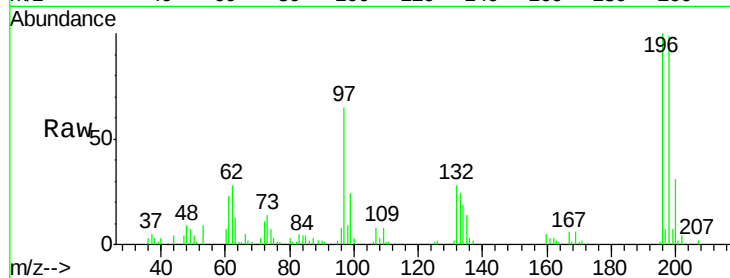
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	196	Resp:	78710
Ion Ratio	Lower	Upper	
196	100		
198	98.9	75.4	113.2
200	31.0	25.0	37.4

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#40

1,1'-Biphenyl

Concen: 4.77 ng/ul

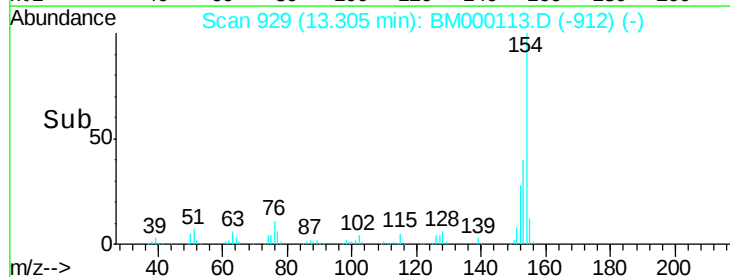
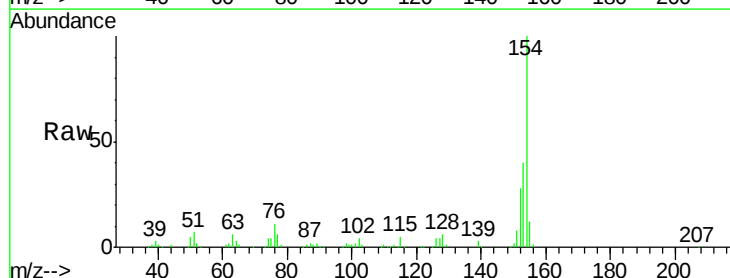
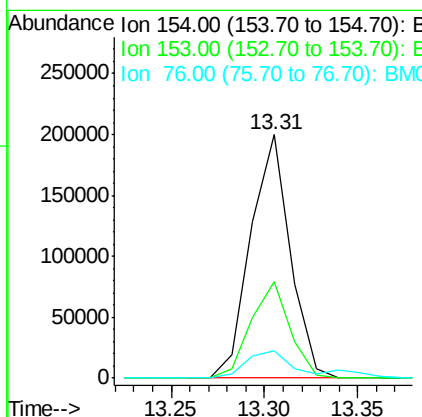
RT: 13.31 min Scan# 929

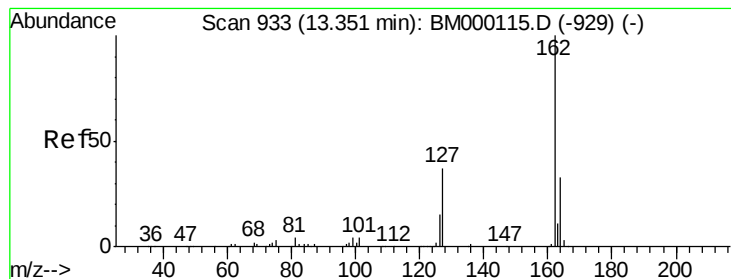
Delta R.T. -0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Tgt Ion:	154	Resp:	297167
Ion Ratio	Lower	Upper	
154	100		
153	39.6	30.5	45.7
76	11.0	8.9	13.3





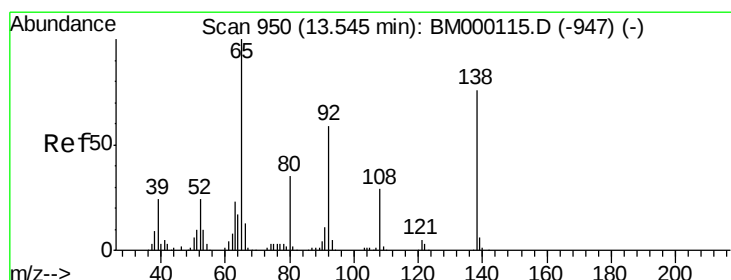
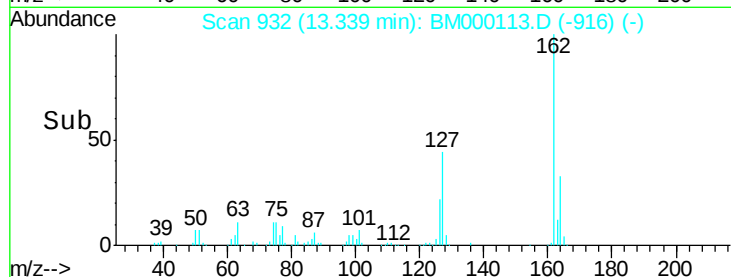
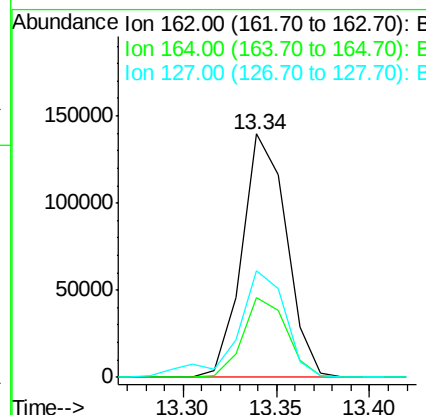
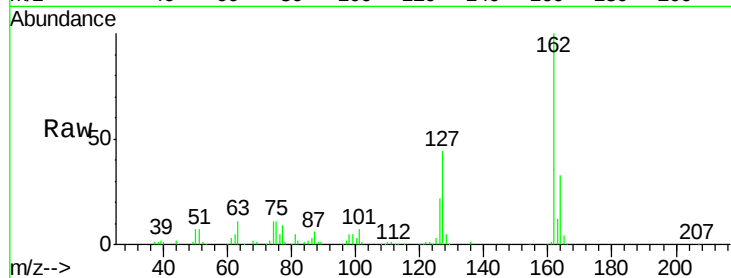
#41
2-Chloronaphthalene
Concen: 4.83 ng/ul
RT: 13.34 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.6	25.8	38.6
127	43.8	35.9	53.9

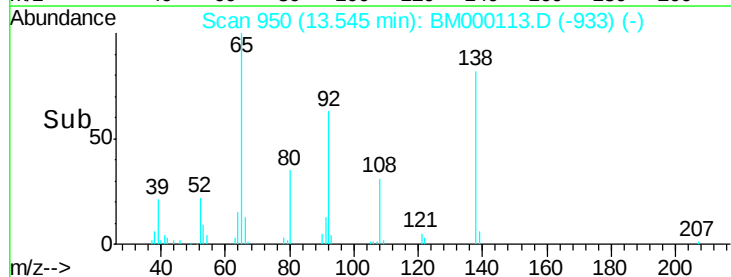
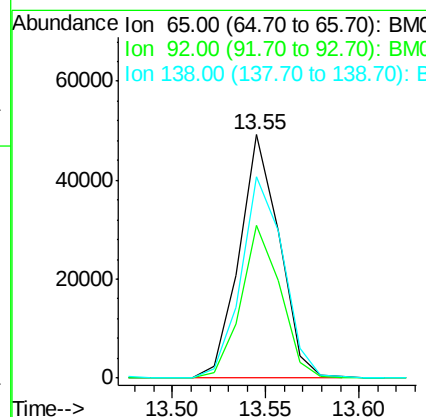
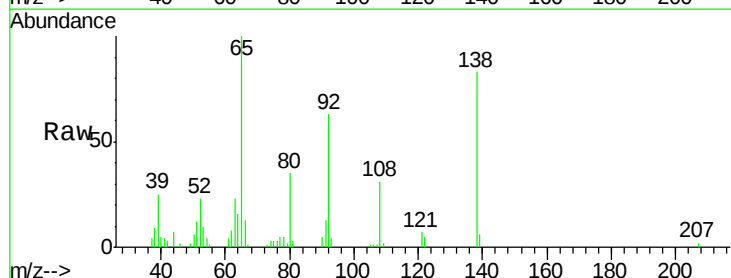
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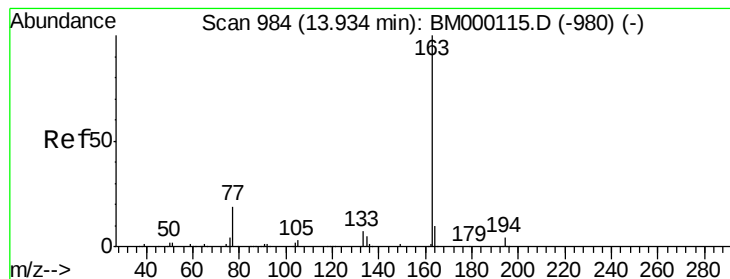
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#42
2-Nitroaniline
Concen: 4.77 ng/ul
RT: 13.55 min Scan# 950
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.6	50.4	75.6
138	83.0	66.9	100.3





#44

Dimethylphthalate

Concen: 4.92 ng/ul

RT: 13.92 min Scan# 983

Delta R.T. -0.01 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Instrument :

BNA_M

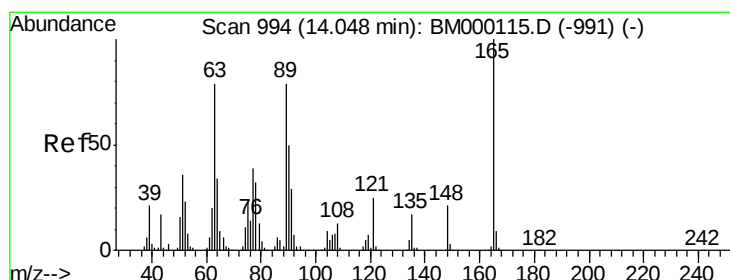
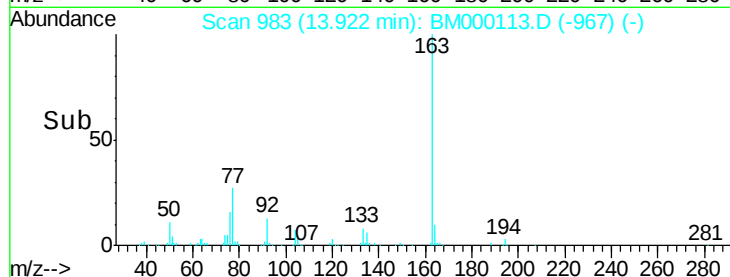
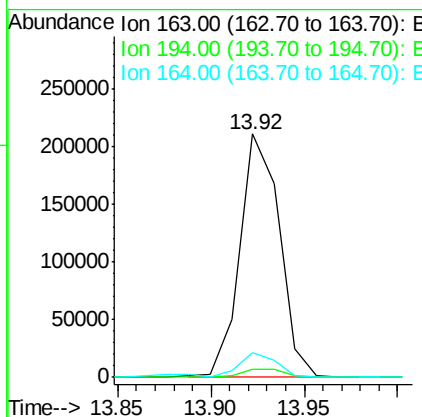
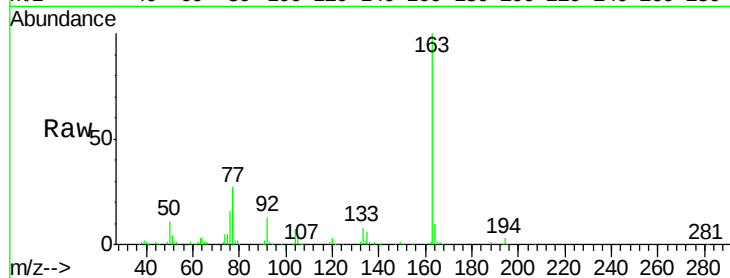
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	163	Resp:	312709
Ion Ratio		Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.3	8.5	12.7

Manual Integrations
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#45

2,6-Dinitrotoluene

Concen: 4.81 ng/ul

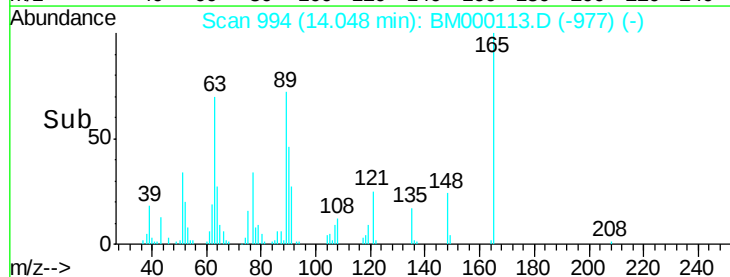
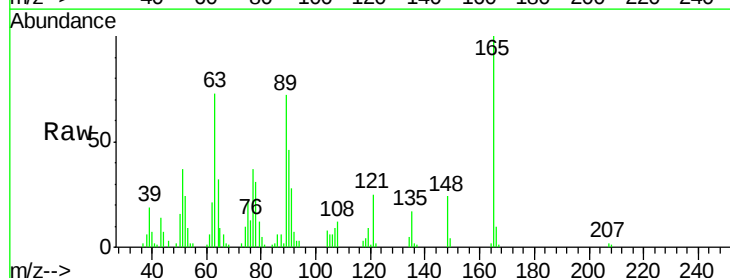
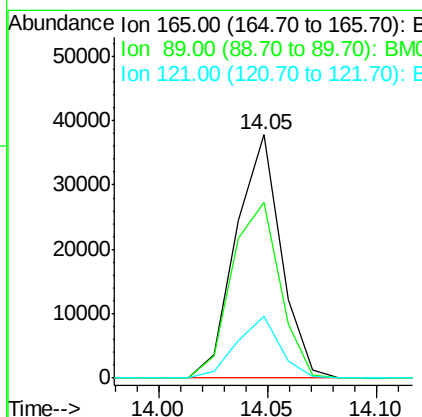
RT: 14.05 min Scan# 994

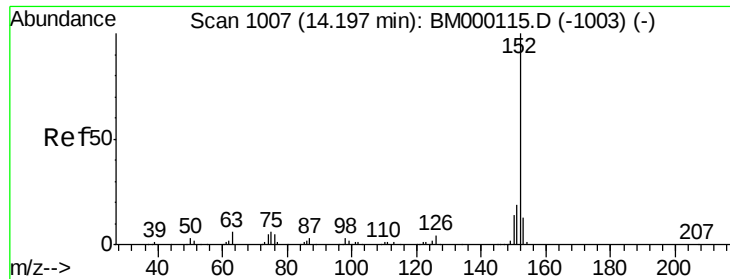
Delta R.T. 0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Tgt Ion:	165	Resp:	54594
Ion Ratio		Lower	Upper
165	100		
89	72.3	54.4	81.6
121	25.4	18.6	28.0





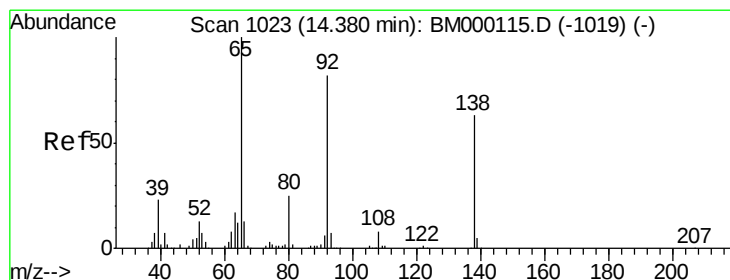
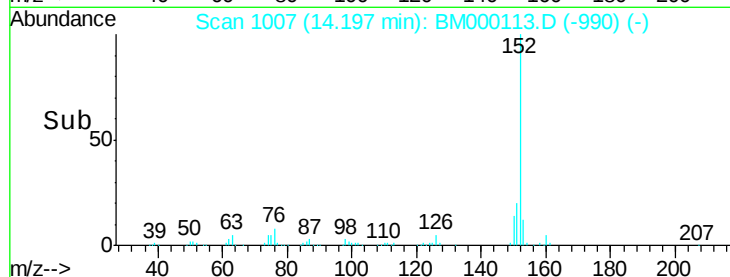
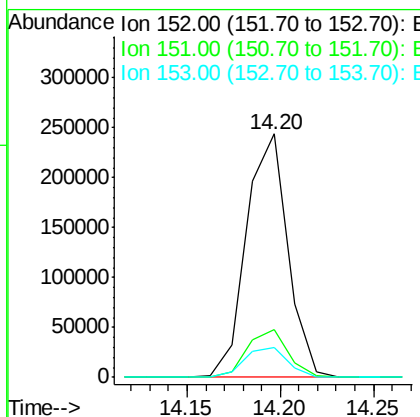
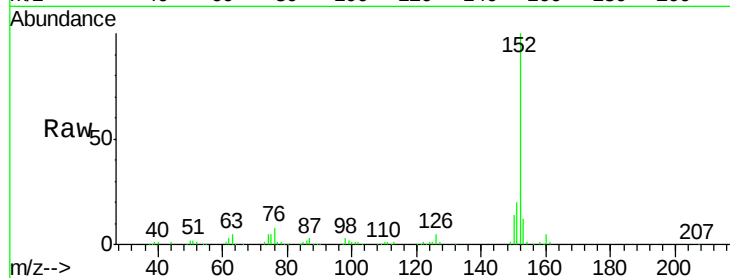
#47
Acenaphthylene
Concen: 4.72 ng/ul
RT: 14.20 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

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

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	379917		
151	19.8		15.4	23.2
153	12.3		10.2	15.2

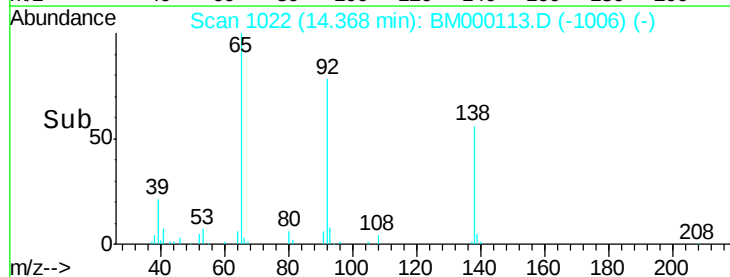
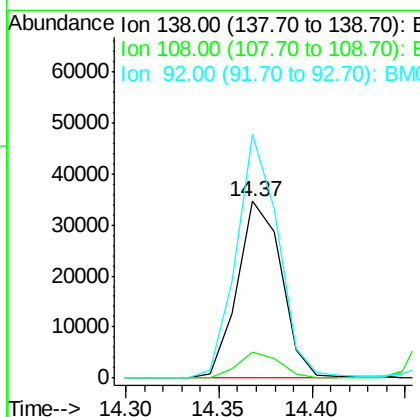
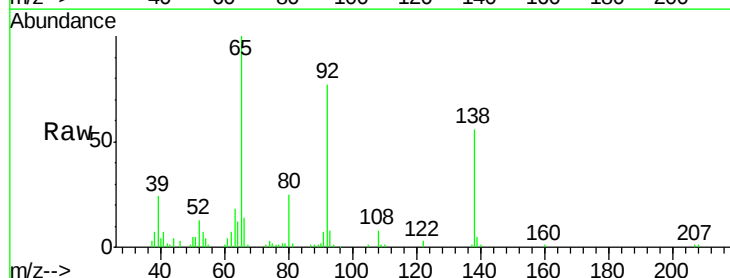
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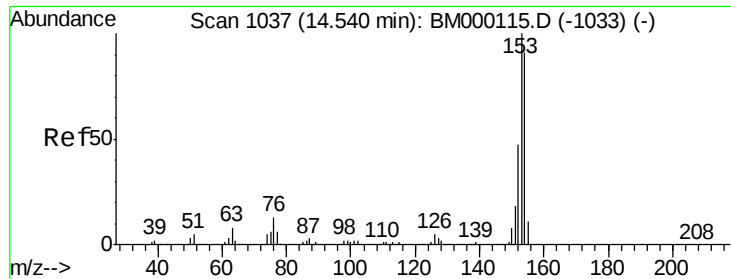
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#48
3-Nitroaniline
Concen: 4.91 ng/ul
RT: 14.37 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	57172		
108	14.8		11.2	16.8
92	137.6		110.6	165.8





#49

Acenaphthene

Concen: 4.72 ng/ul

RT: 14.54 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM000113.D

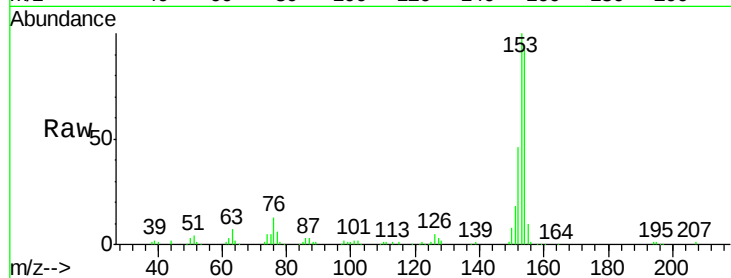
Acq: 02 Jan 2015 17:44

Instrument :

BNA_M

ClientSampleId :

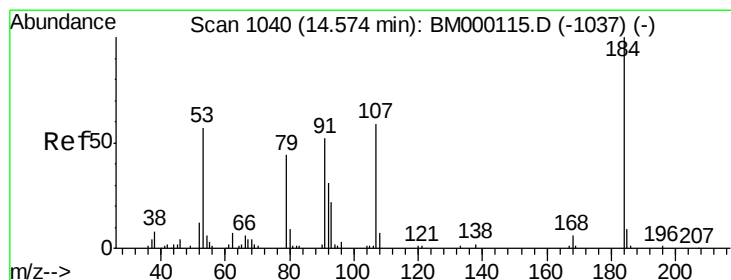
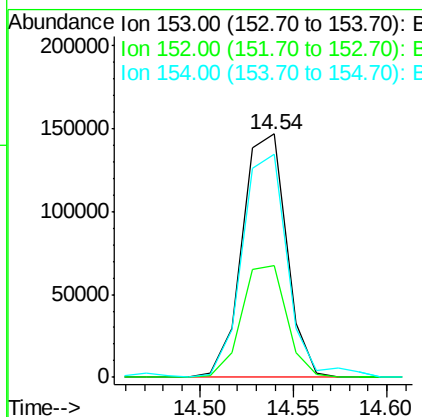
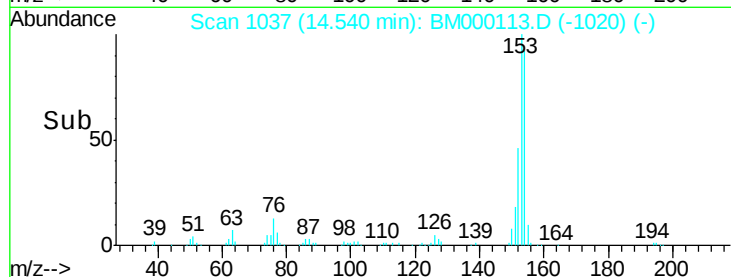
MDL-03-S-ML



Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.5	56.3
154	91.6	72.2	108.4

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#50

2,4-Dinitrophenol

Concen: 1.84 ng/ul

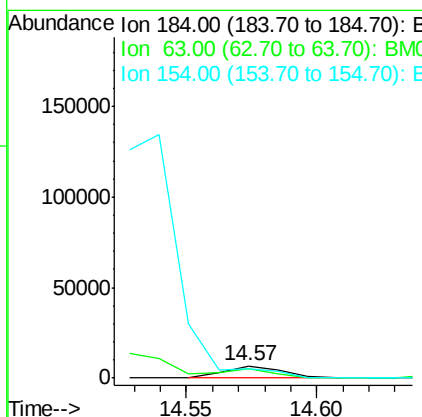
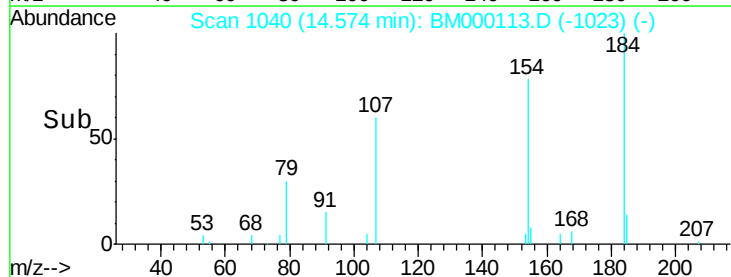
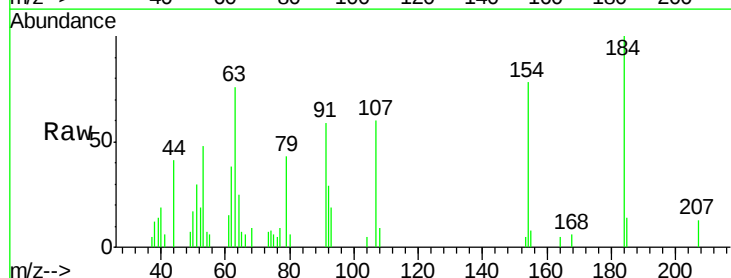
RT: 14.57 min Scan# 1040

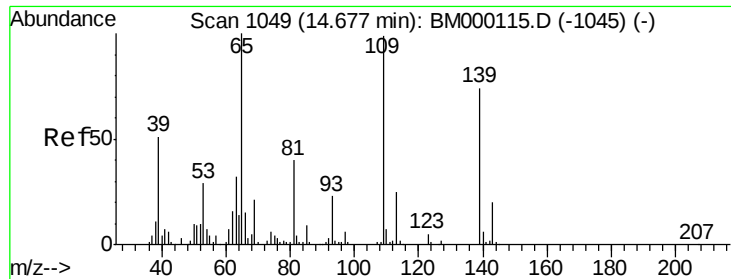
Delta R.T. -0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.3	56.1	84.1
154	77.8	68.2	102.4





#52

4-Nitrophenol

Concen: 4.85 ng/ul

RT: 14.68 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Instrument :

BNA_M

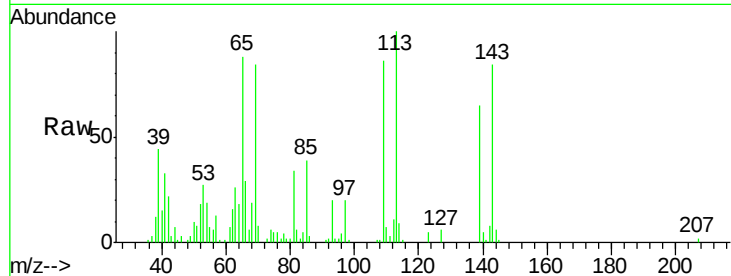
ClientSampleId :

MDL-03-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	66439		
139	74.7	62.5	93.7	
65	102.3	88.7	133.1	

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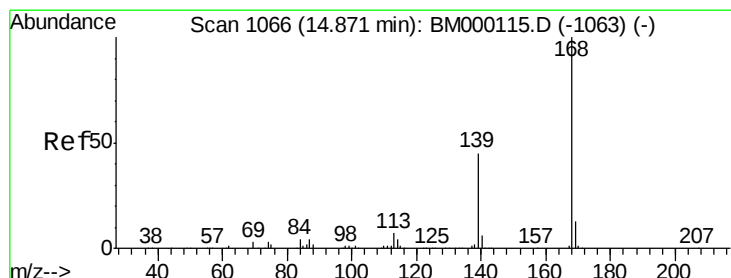
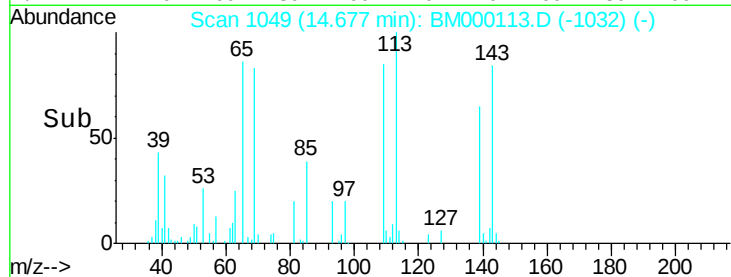
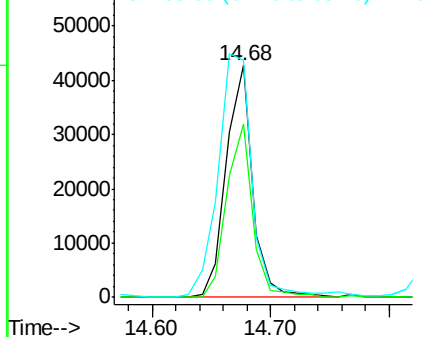


Abundance

Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 4.78 ng/ul

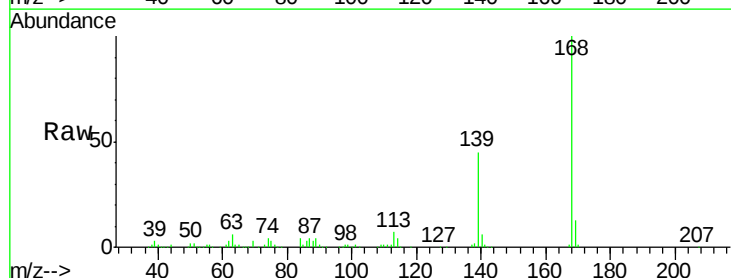
RT: 14.87 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

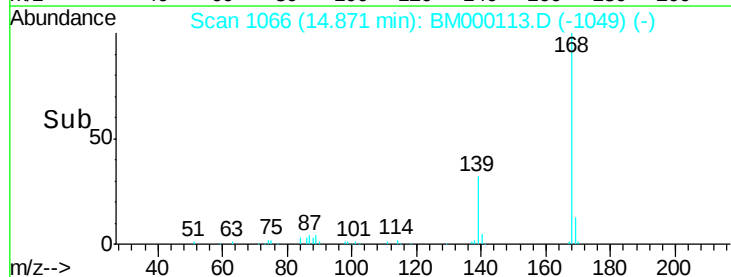
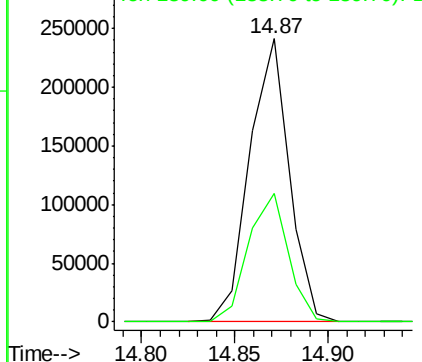
Tgt Ion	Ratio	Resp	Lower	Upper
168	100	355582		
139	45.4	33.6	50.4	

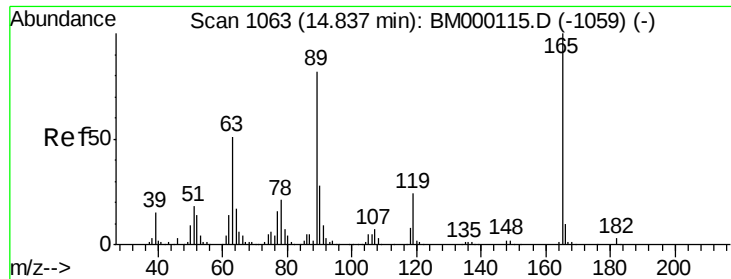


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 4.77 ng/ul

RT: 14.83 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BM000113.D

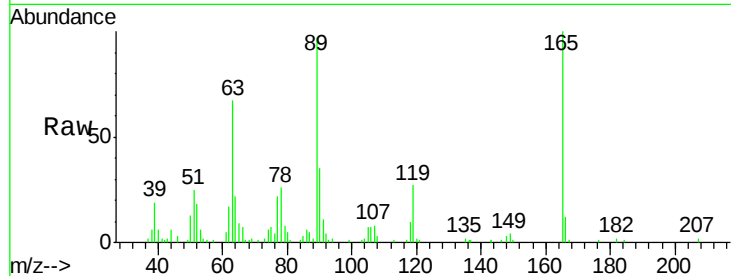
Acq: 02 Jan 2015 17:44

Instrument :

BNA_M

ClientSampleId :

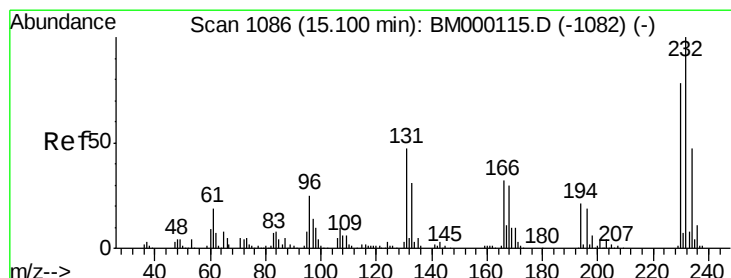
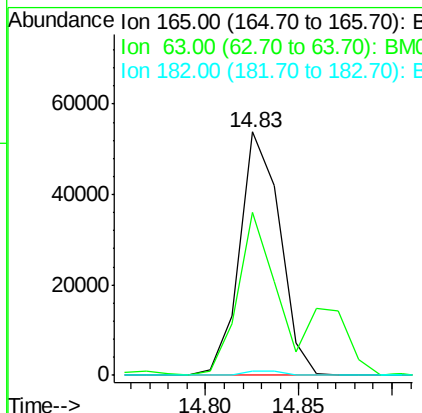
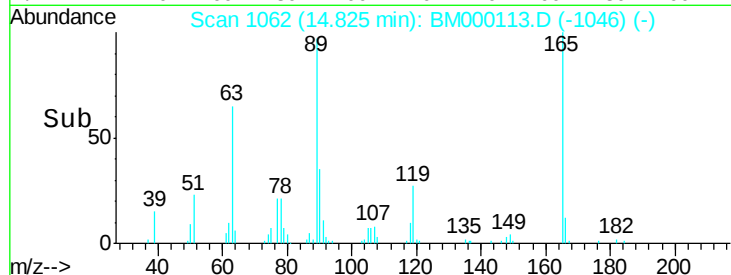
MDL-03-S-ML



Tgt Ion:	165	Resp:	80791
Ion Ratio	Lower	Upper	
165	100		
63	67.1	48.8	73.2
182	1.7	2.1	3.1#

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#55

2,3,4,6-Tetrachlorophenol

Concen: 4.35 ng/ul

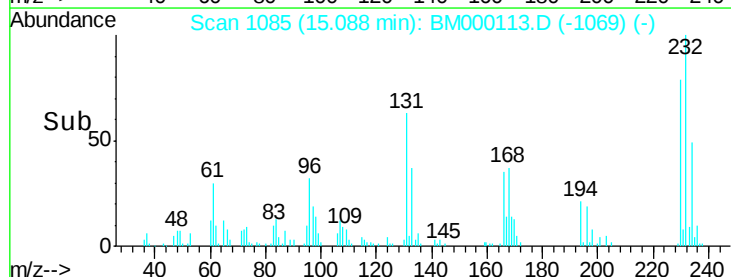
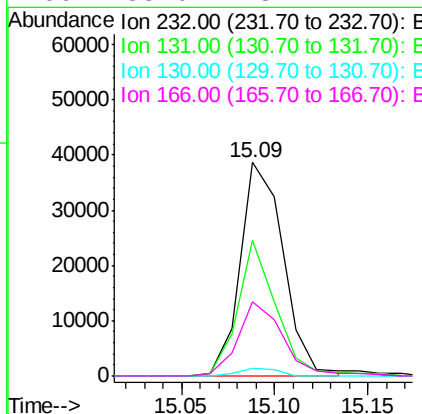
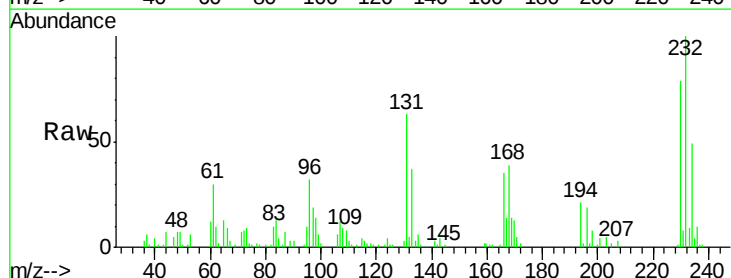
RT: 15.09 min Scan# 1085

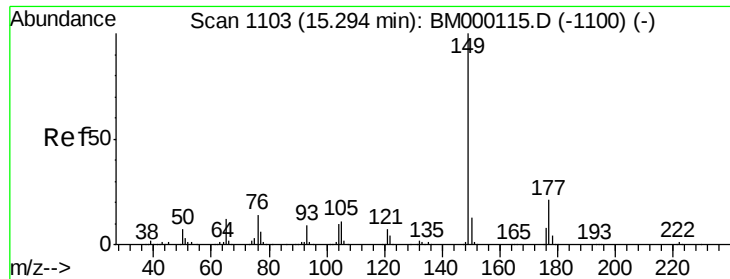
Delta R.T. -0.01 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Tgt Ion:	232	Resp:	62255
Ion Ratio	Lower	Upper	
232	100		
131	63.5	43.4	65.0
130	3.3	2.7	4.1
166	35.0	28.2	42.4





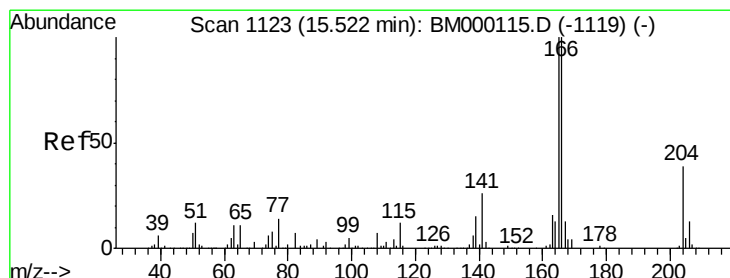
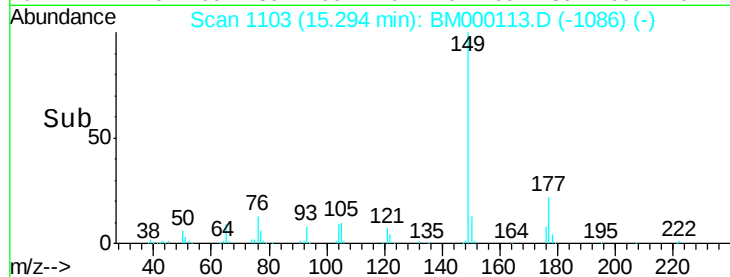
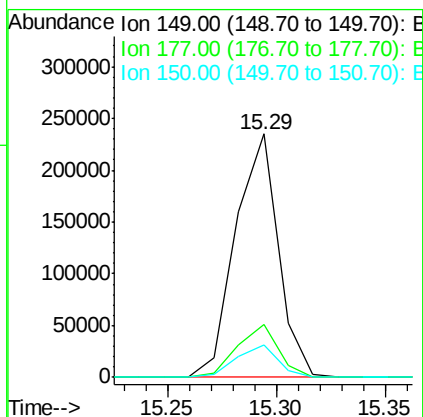
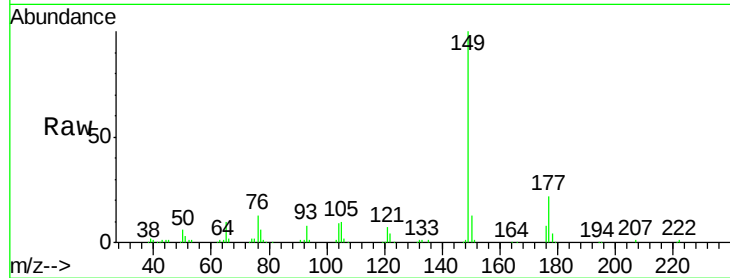
#56
Diethylphthalate
Concen: 4.79 ng/ul
RT: 15.29 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

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

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	13.1	10.5	15.7

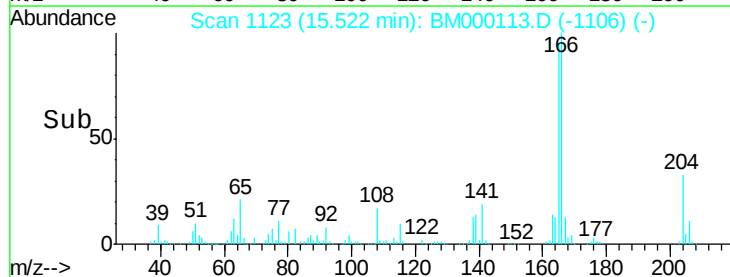
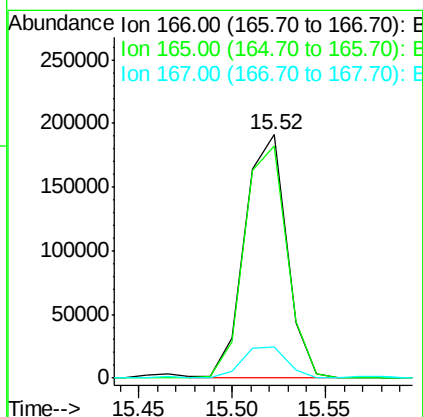
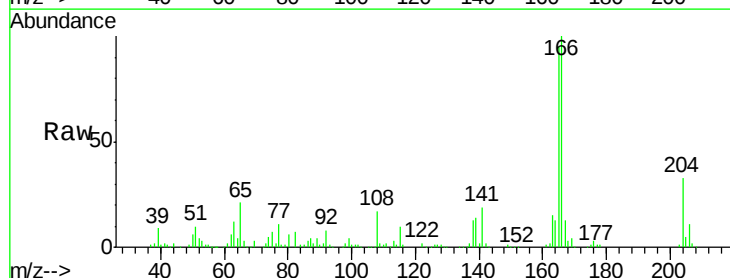
Manual Integrations
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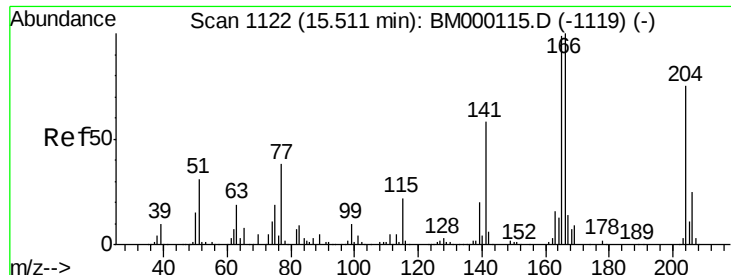
TEJASKUMAR
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#58
Fluorene
Concen: 4.82 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.1	76.0	114.0
167	12.8	10.2	15.4





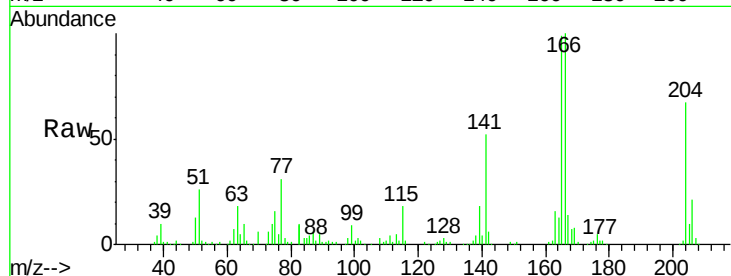
#59
 4-Chlorophenyl-phenylether
 Concen: 4.97 ng/ul
 RT: 15.51 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BM000113.D
 Acq: 02 Jan 2015 17:44

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

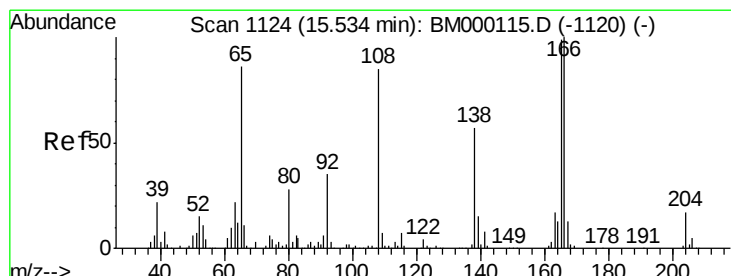
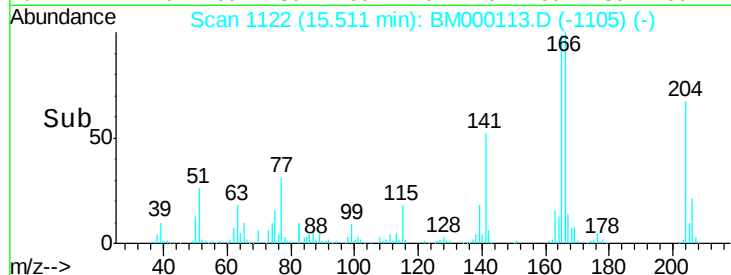
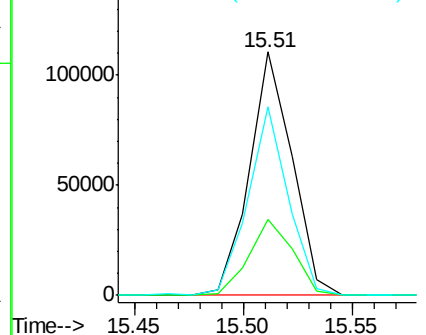
Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	31.4	25.8	38.8
141	77.3	61.3	91.9

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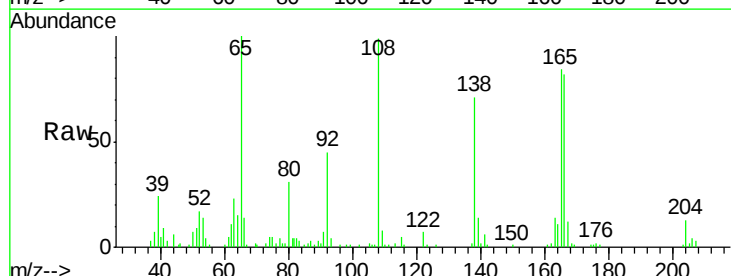


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

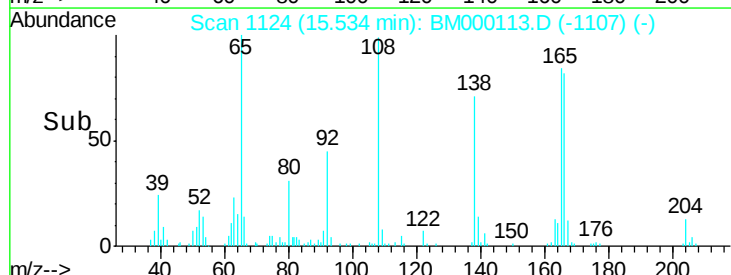
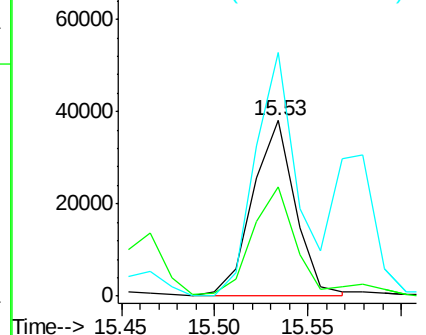


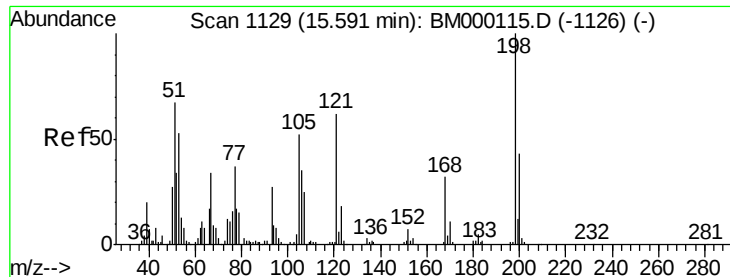
#60
 4-Nitroaniline
 Concen: 4.62 ng/ul
 RT: 15.53 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BM000113.D
 Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	62.6	49.3	73.9
108	138.9	110.3	165.5



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E





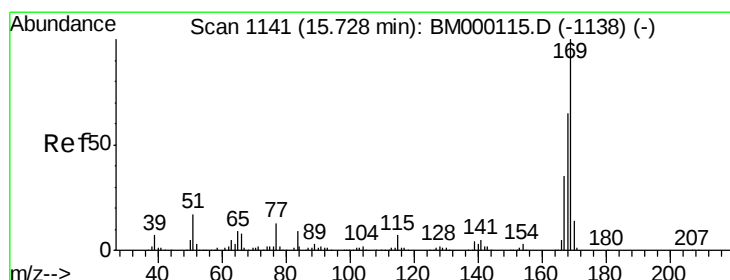
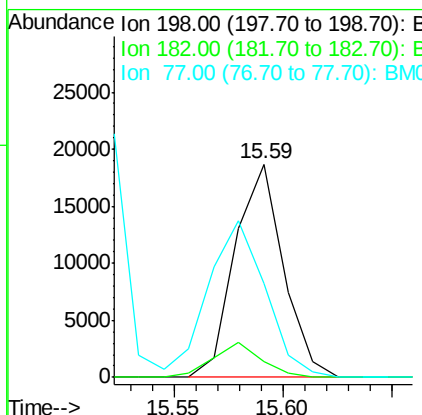
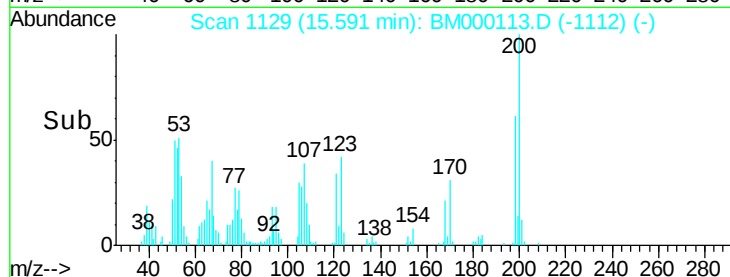
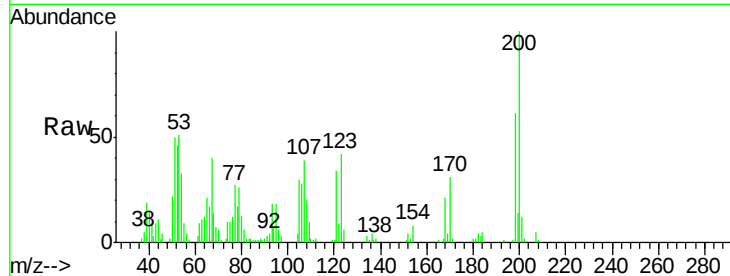
#63
 4,6-Dinitro-2-methylphenol
 Concen: 3.25 ng/ul
 RT: 15.59 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BM000113.D
 Acq: 02 Jan 2015 17:44

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

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	29014		
182	7.3	2.6	4.0#	
77	44.3	25.2	37.8#	

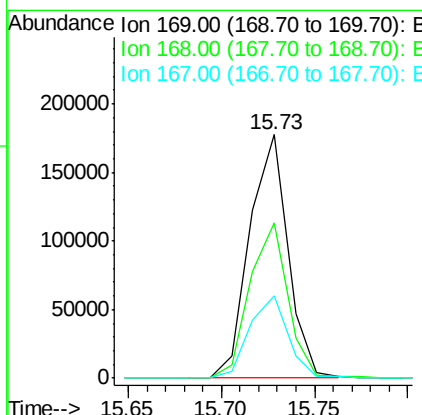
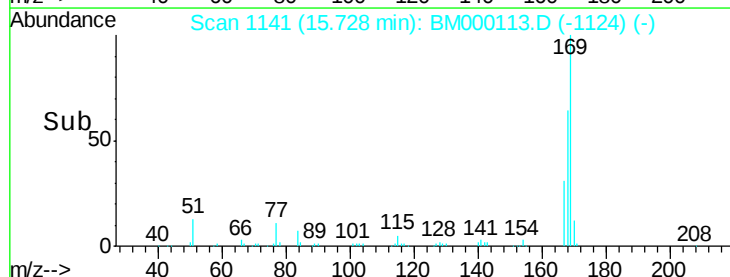
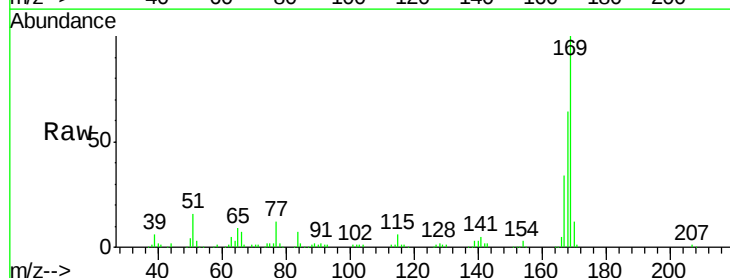
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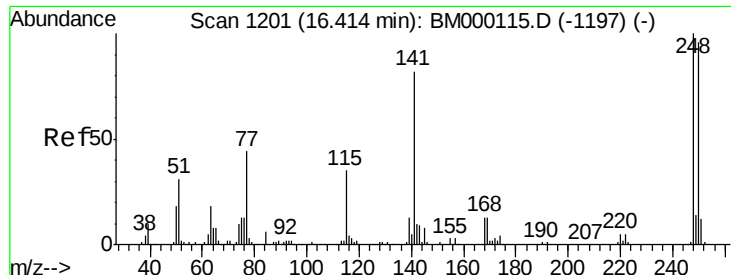
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#64
 N-Nitrosodiphenylamine
 Concen: 4.96 ng/ul
 RT: 15.73 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BM000113.D
 Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	253011		
168	63.9	51.8	77.6	
167	33.9	28.1	42.1	





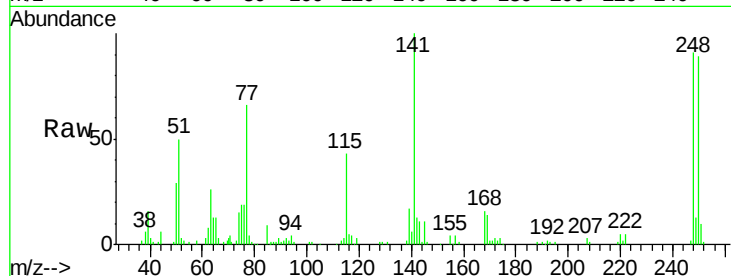
#65
4-Bromophenyl-phenylether
Concen: 4.99 ng/ul
RT: 16.40 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

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

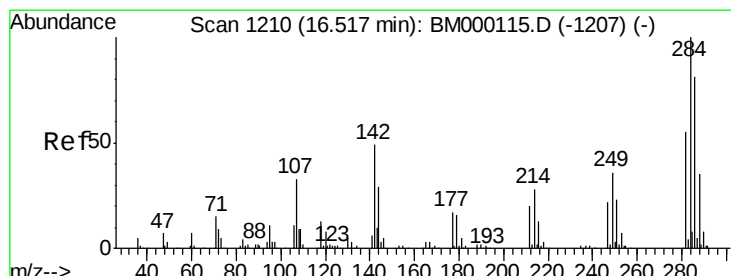
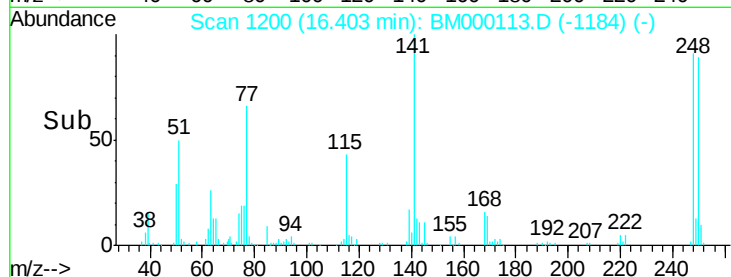
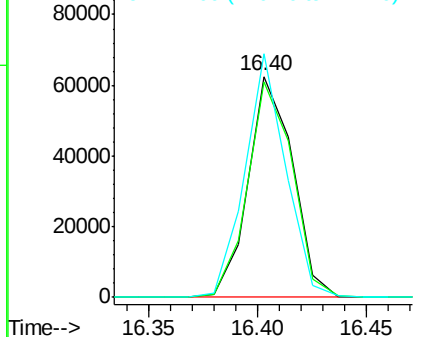
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	89413		
250	97.6	78.4	117.6	
141	110.1	67.0	100.4	

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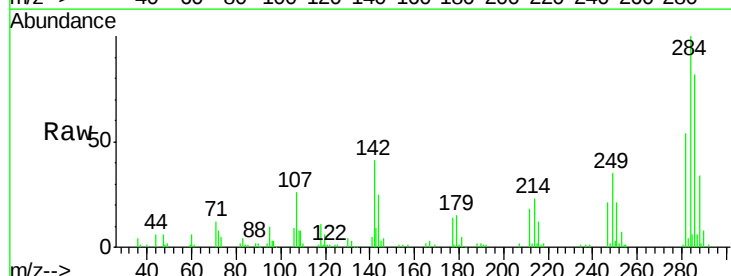


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

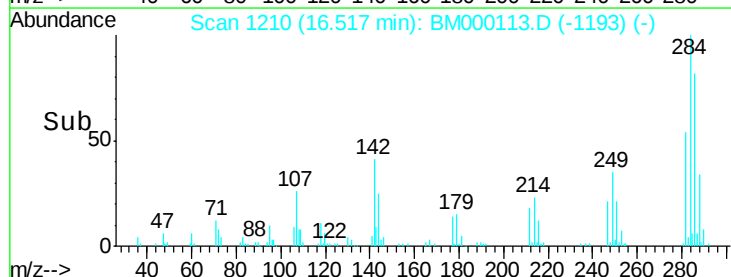
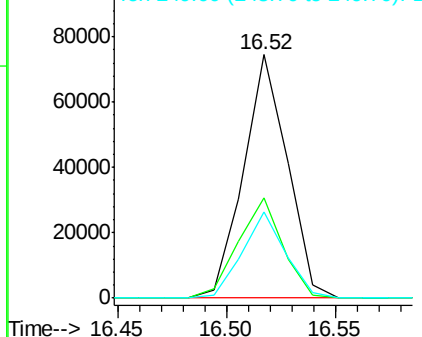


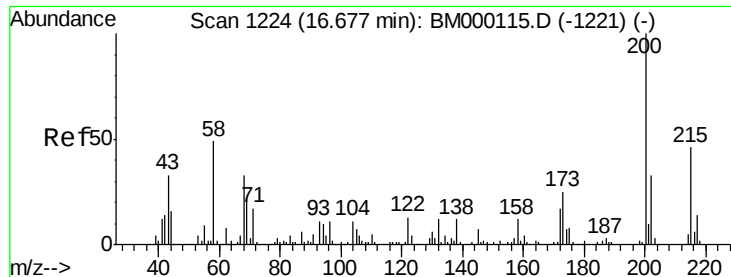
#66
Hexachlorobenzene
Concen: 5.07 ng/ul
RT: 16.52 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	104774		
142	41.1	32.4	48.6	
249	35.5	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: 4.69 ng/ul

RT: 16.68 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Instrument :

BNA_M

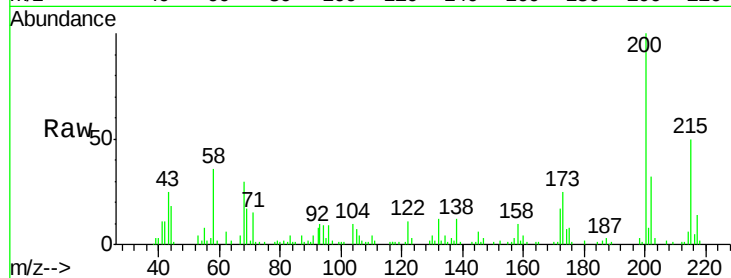
ClientSampleId :

MDL-03-S-ML

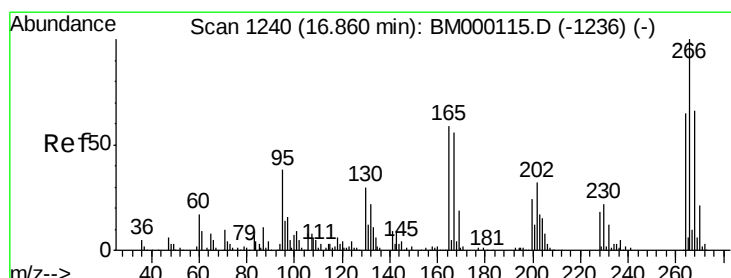
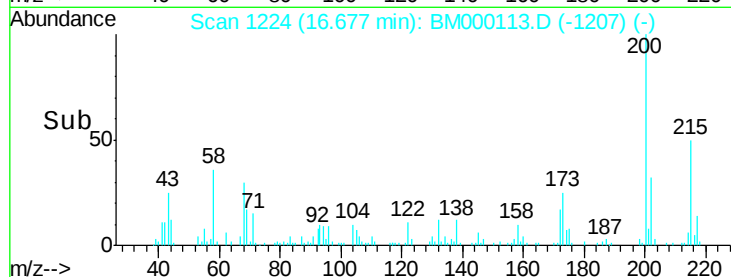
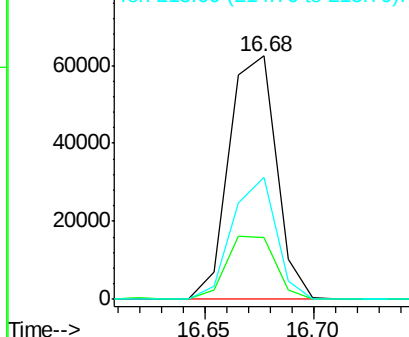
Tgt Ion:	200	Resp:	94410
Ion Ratio	Lower	Upper	
200	100		
173	25.4	19.5	29.3
215	50.2	36.6	54.8

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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 3.11 ng/ul

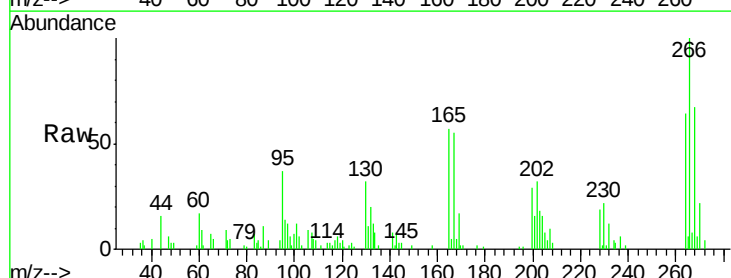
RT: 16.86 min Scan# 1240

Delta R.T. -0.00 min

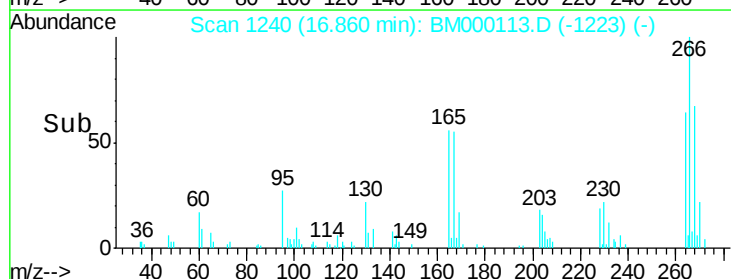
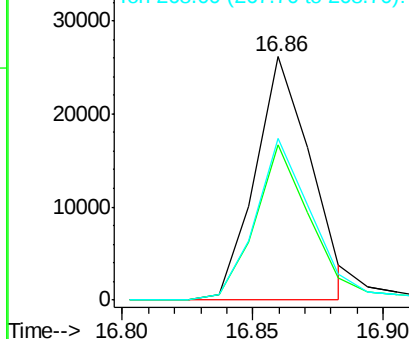
Lab File: BM000113.D

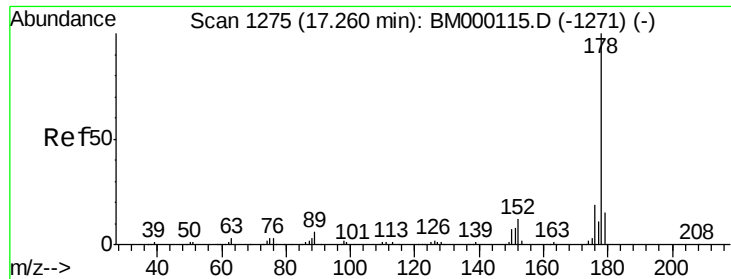
Acq: 02 Jan 2015 17:44

Tgt Ion:	266	Resp:	39074
Ion Ratio	Lower	Upper	
266	100		
264	63.5	49.8	74.6
268	66.6	48.2	72.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





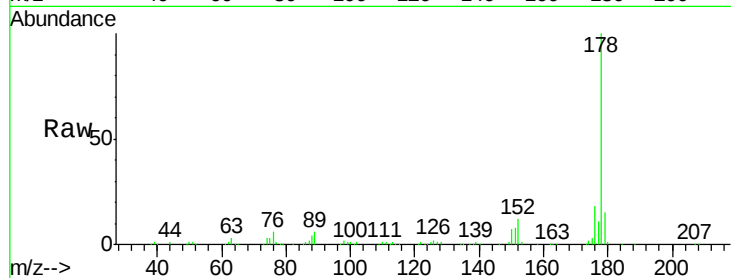
#69
Phenanthrene
Concen: 4.92 ng/ul
RT: 17.26 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

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

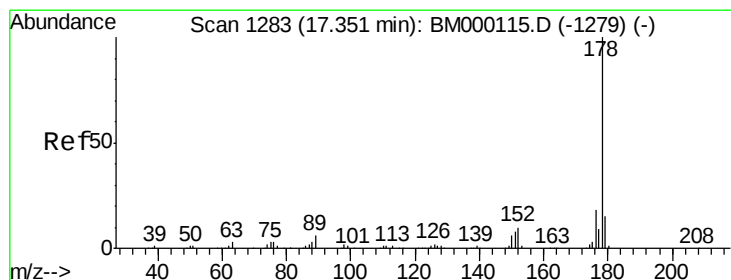
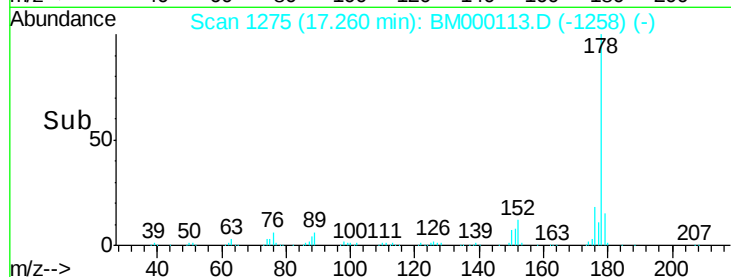
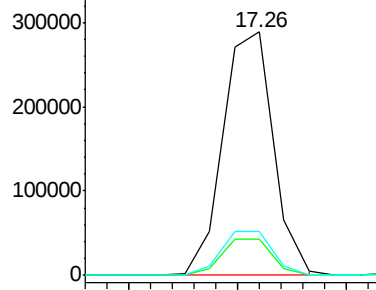
Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.6	17.4
176	18.2	14.6	22.0

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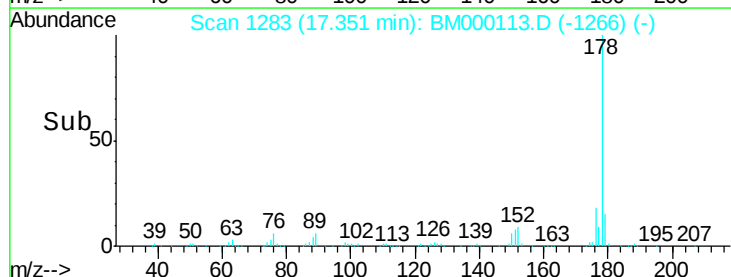
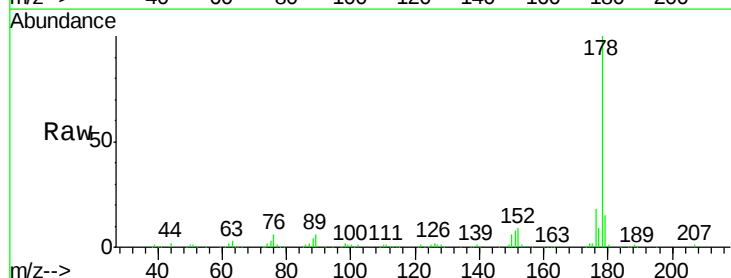
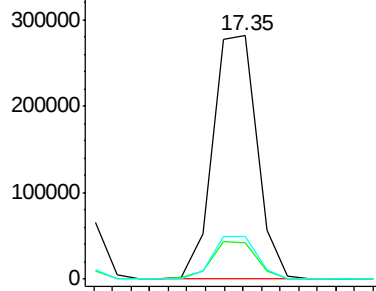
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

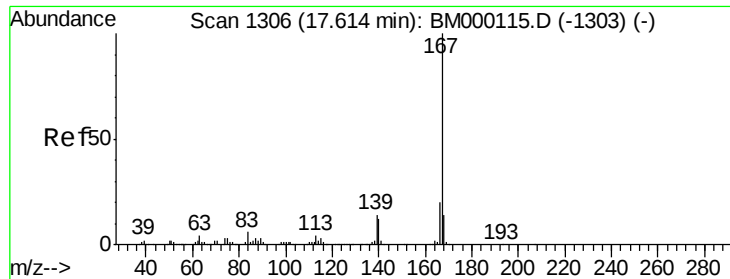


#71
Anthracene
Concen: 4.71 ng/ul
RT: 17.35 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.6	18.8
176	17.6	14.6	21.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





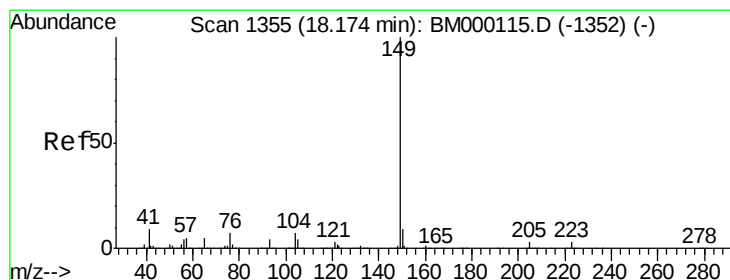
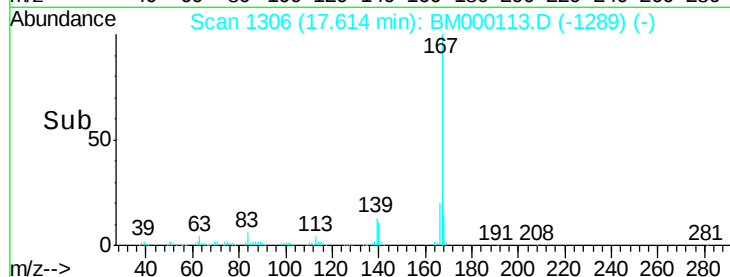
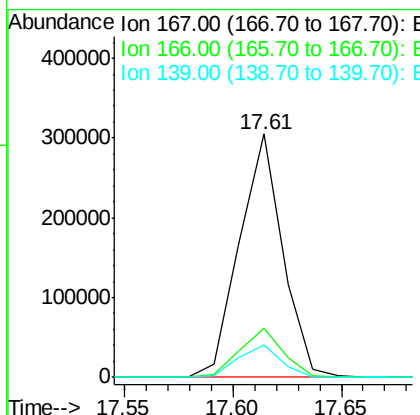
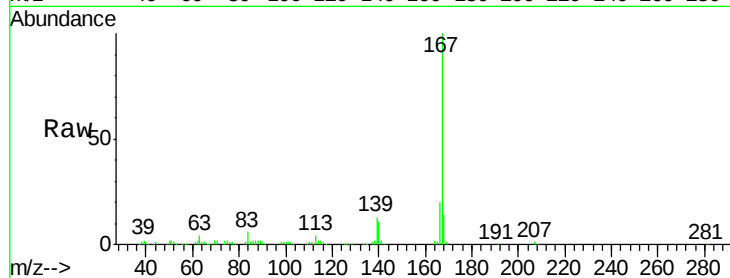
#72
 Carbazole
 Concen: 4.78 ng/ul
 RT: 17.61 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BM000113.D
 Acq: 02 Jan 2015 17:44

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

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.3	16.2	24.4
139	13.5	10.7	16.1

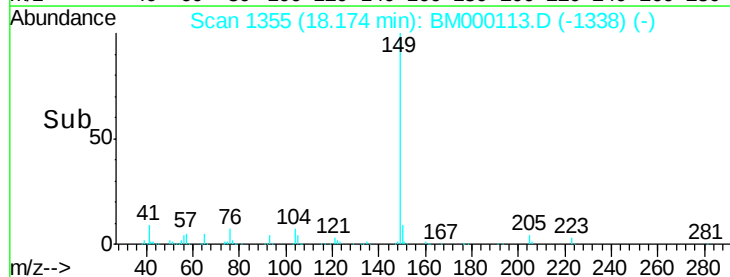
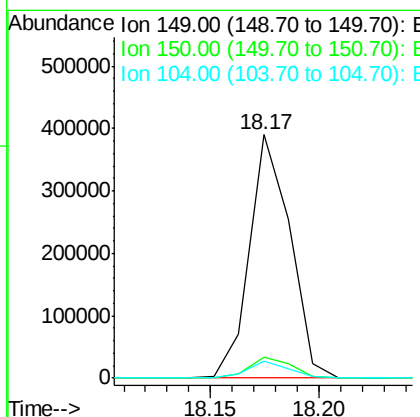
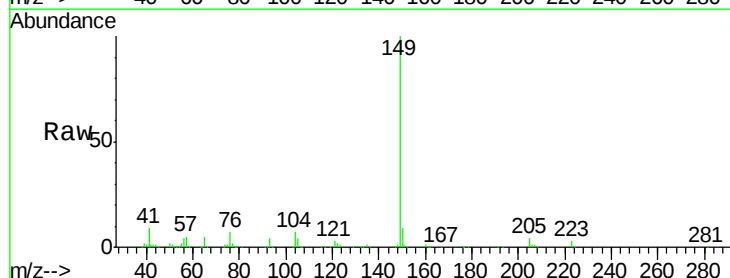
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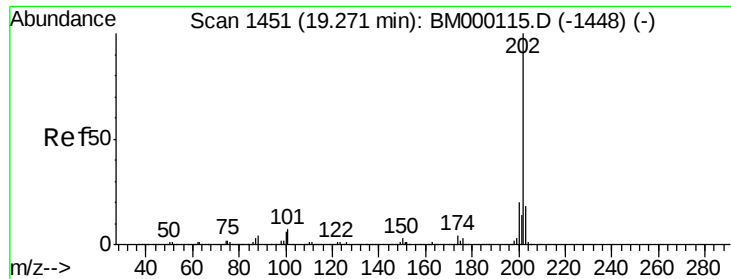
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#73
 Di-n-butylphthalate
 Concen: 4.84 ng/ul
 RT: 18.17 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BM000113.D
 Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.1	10.7
104	6.9	4.8	7.2





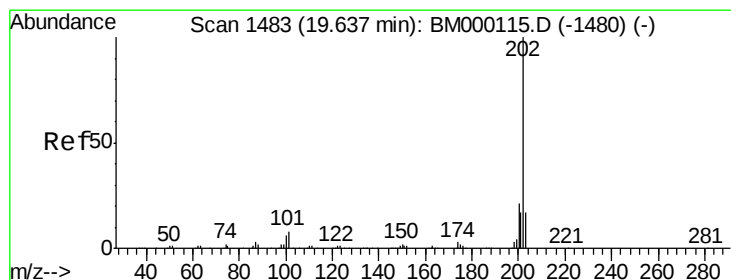
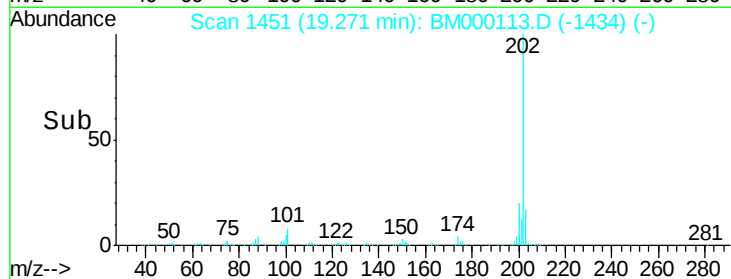
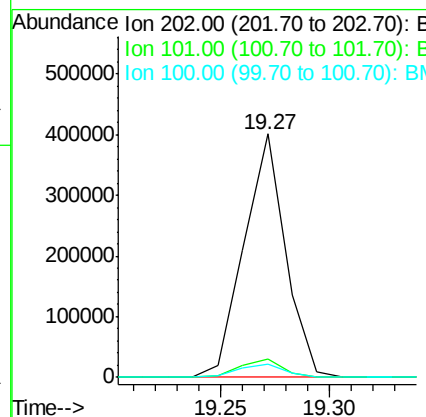
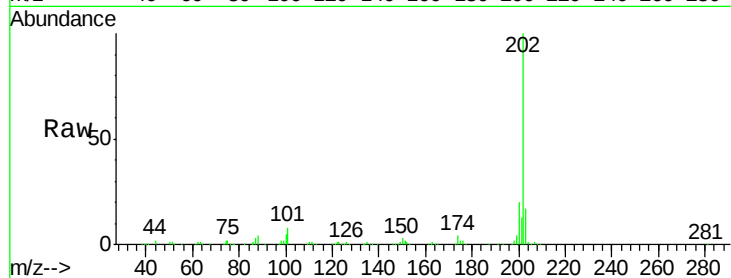
#74
Fluoranthene
Concen: 4.87 ng/ul
RT: 19.27 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.6	6.4	9.6
100	5.4	4.6	7.0

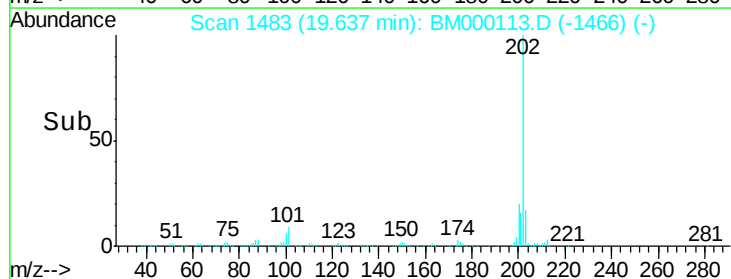
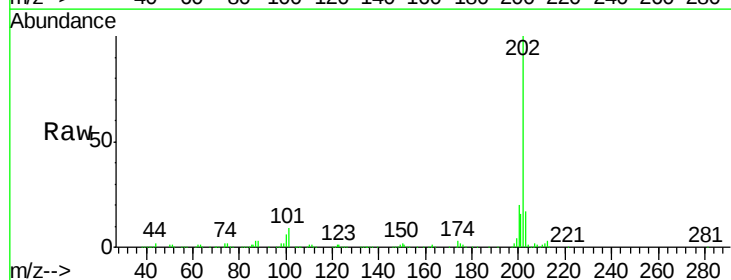
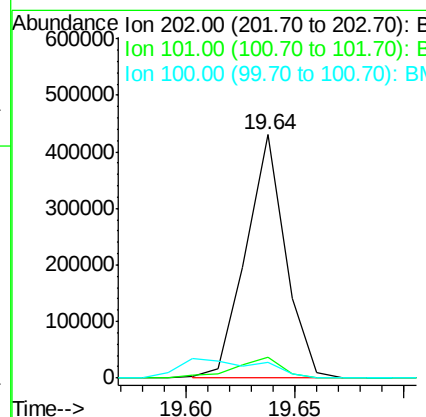
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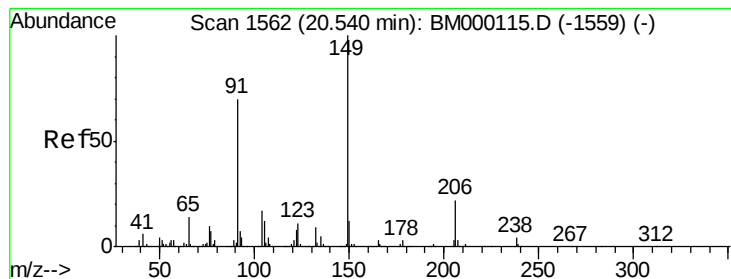
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#77
Pyrene
Concen: 5.58 ng/ul
RT: 19.64 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.6	6.9	10.3
100	6.4	5.5	8.3





#78

Butylbenzylphthalate

Concen: 5.02 ng/ul

RT: 20.54 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BM000113.D

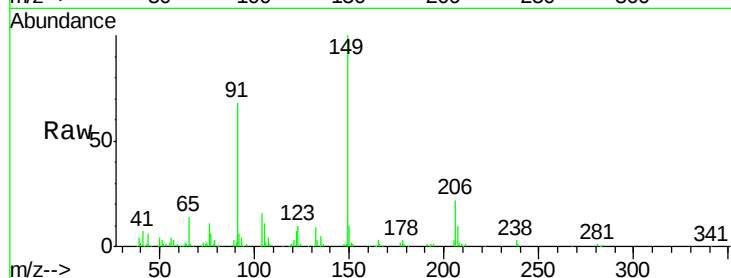
Acq: 02 Jan 2015 17:44

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML



Tgt Ion:149 Resp: 197258

Ion Ratio Lower Upper

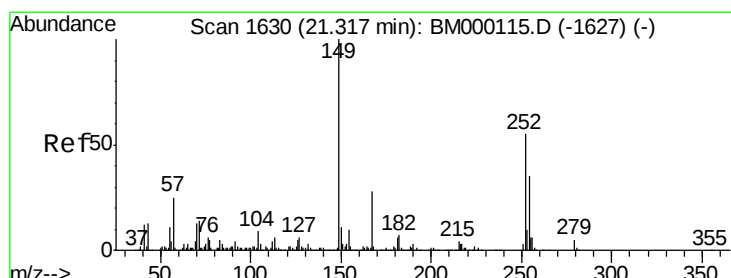
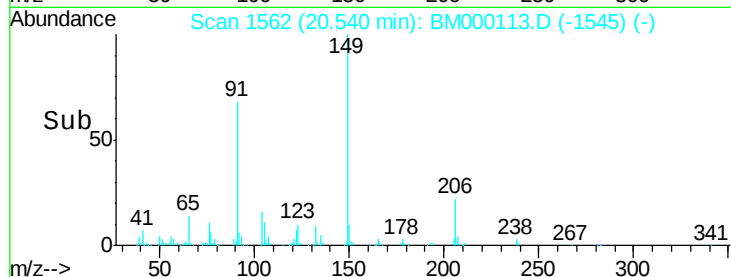
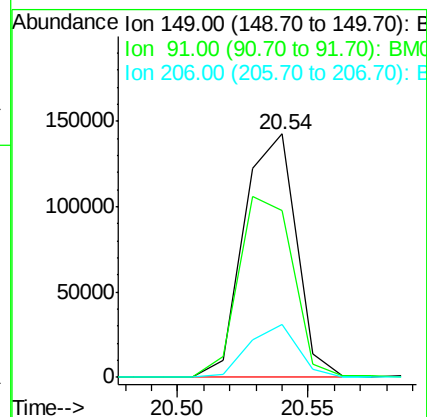
149 100

91 68.3 56.6 84.8

206 21.8 16.8 25.2

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#79

3,3'-Dichlorobenzidine

Concen: 4.41 ng/ul

RT: 21.32 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

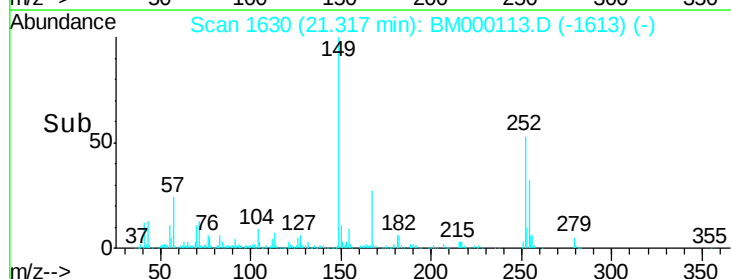
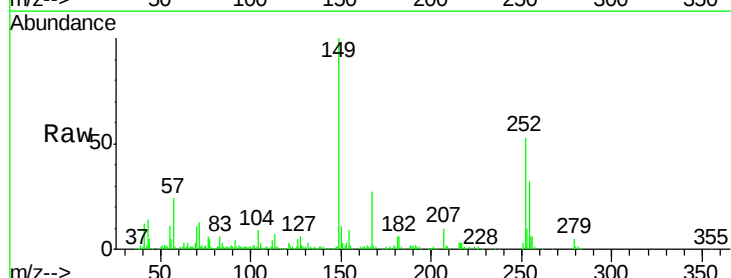
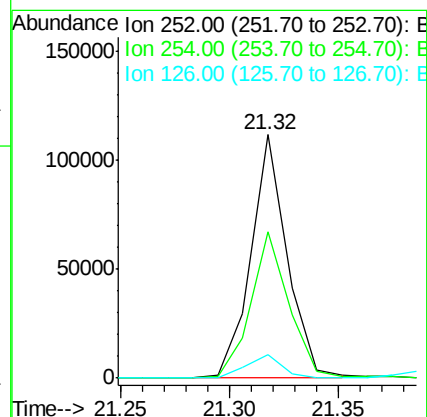
Tgt Ion:252 Resp: 129471

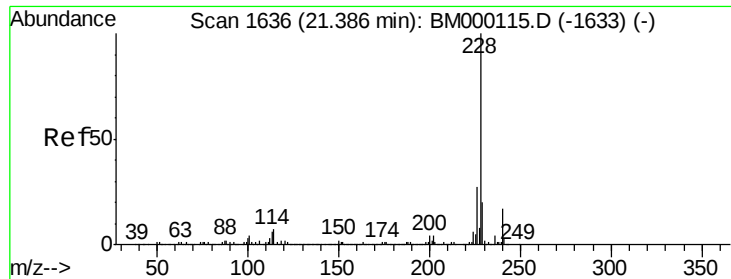
Ion Ratio Lower Upper

252 100

254 60.1 51.2 76.8

126 9.6 7.9 11.9





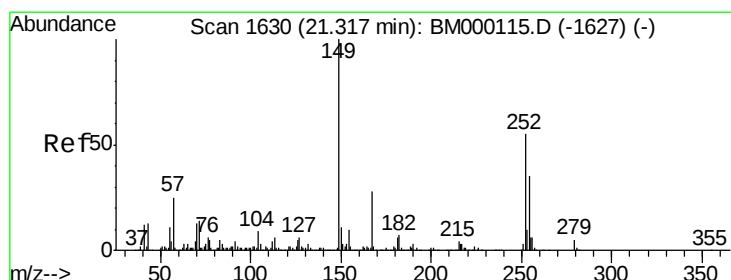
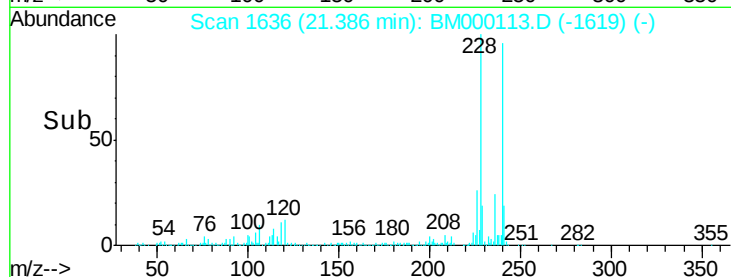
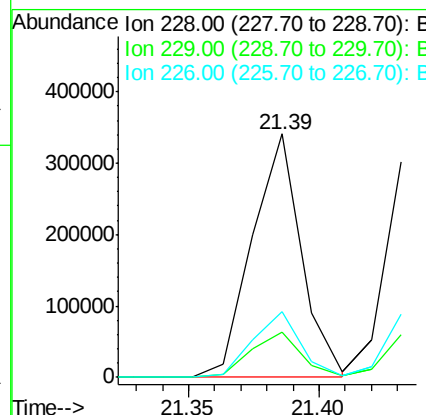
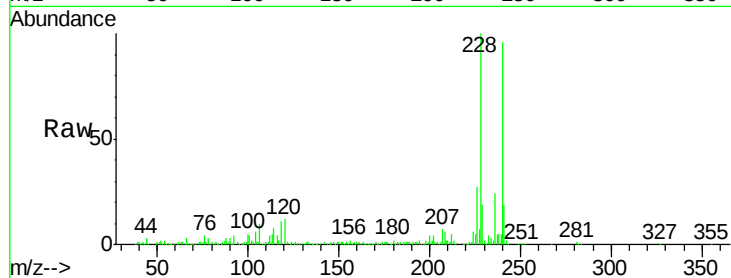
#80
Benzo(a)anthracene
Concen: 4.86 ng/ul
RT: 21.39 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

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

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.7	15.8	23.8
226	26.8	20.7	31.1

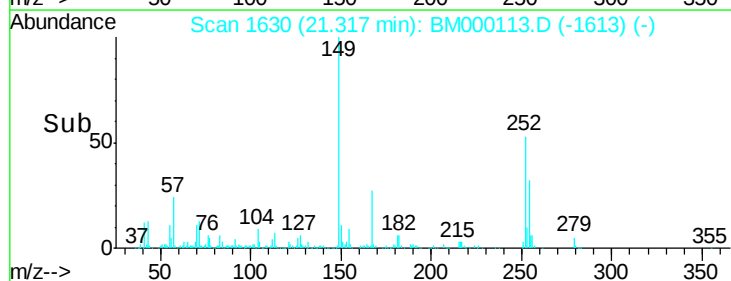
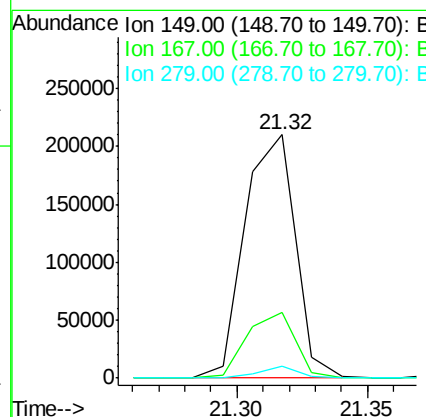
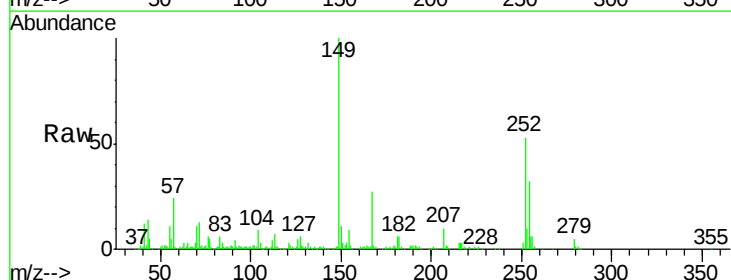
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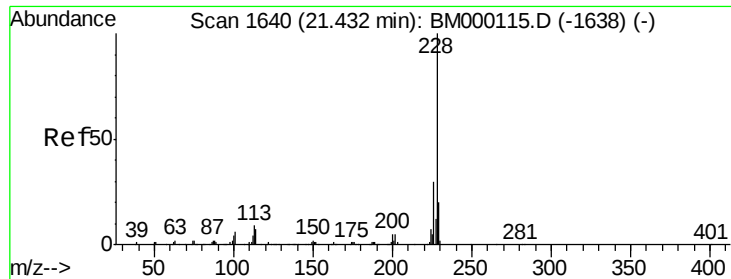
TEJASKUMAR
1/6/2015 1:39:17 PM



#81
Bis(2-ethylhexyl)phthalate
Concen: 5.02 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.1	33.1
279	4.8	3.0	4.6#





#82

Chrysene

Concen: 4.77 ng/ul

RT: 21.43 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Instrument :

BNA_M

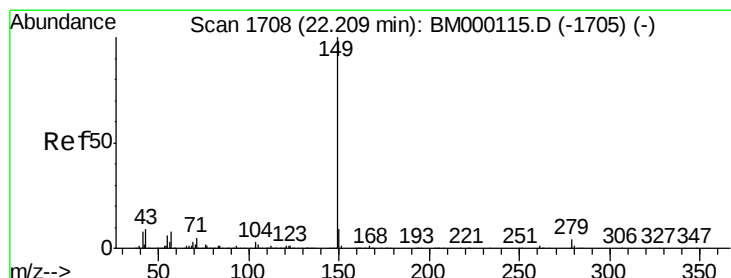
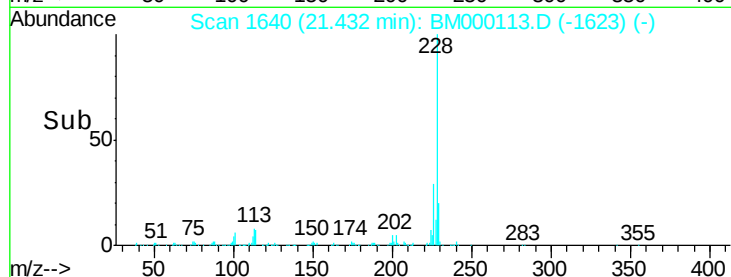
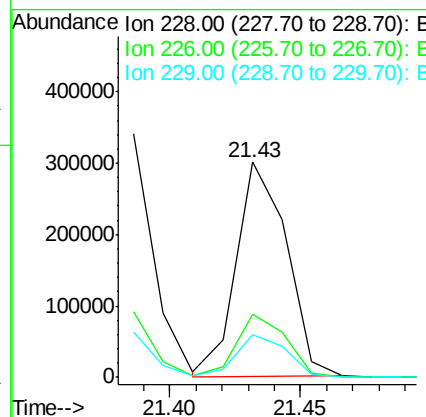
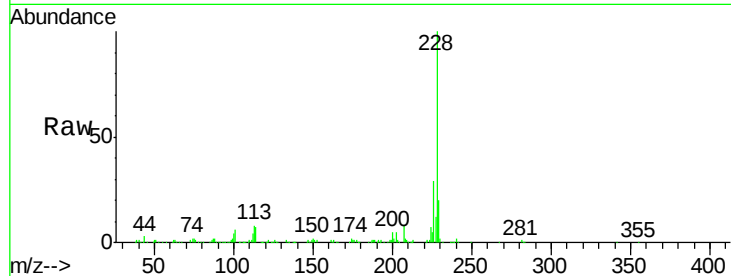
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	228	Resp:	407423
Ion Ratio		Lower	Upper
228	100		
226	29.3	23.0	34.4
229	20.1	15.6	23.4

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#84

Di-n-octyl phthalate

Concen: 5.08 ng/ul

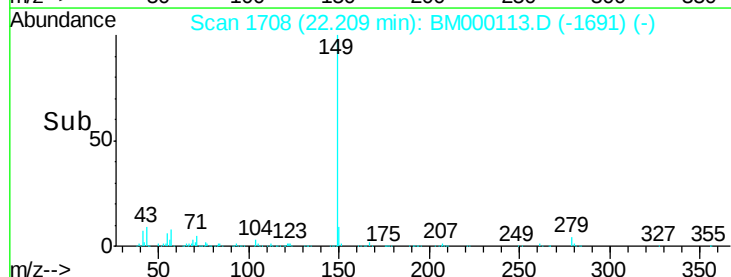
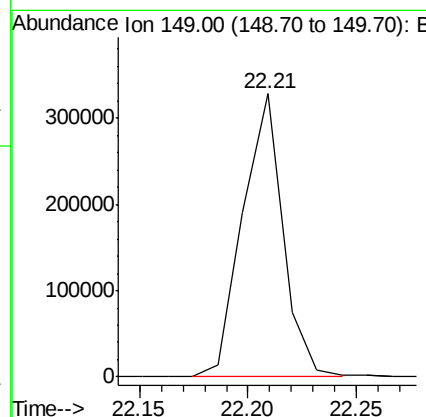
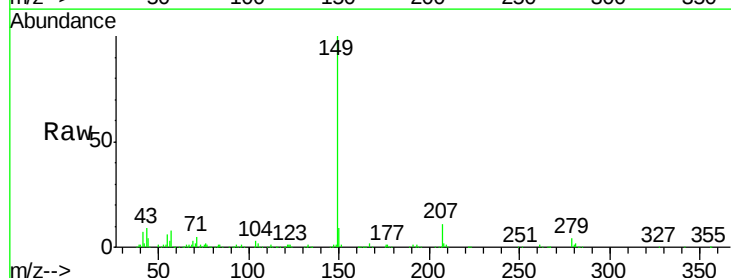
RT: 22.21 min Scan# 1708

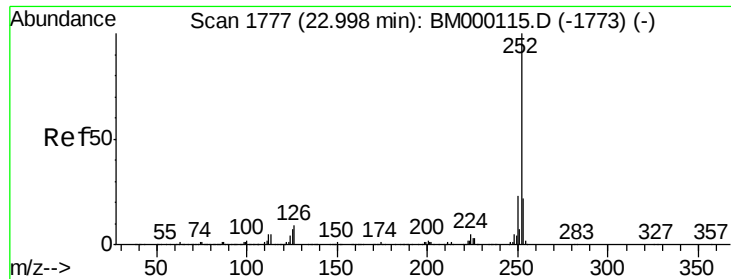
Delta R.T. -0.00 min

Lab File: BM000113.D

Acq: 02 Jan 2015 17:44

Tgt Ion:149 Resp: 420511





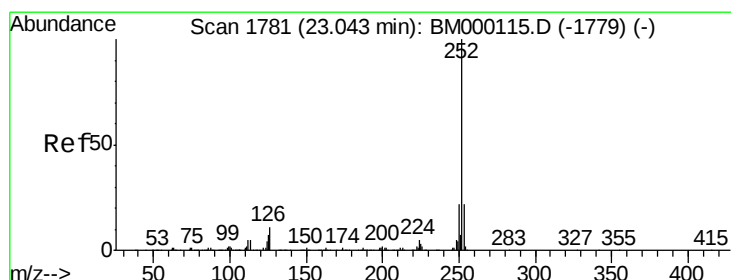
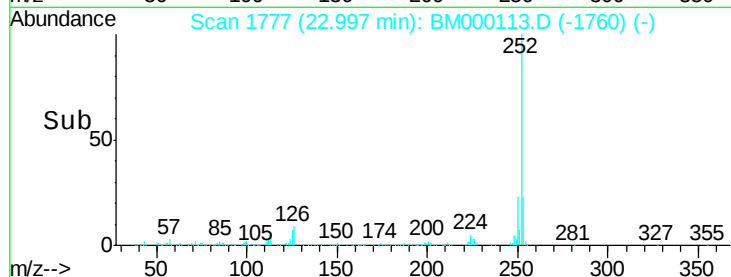
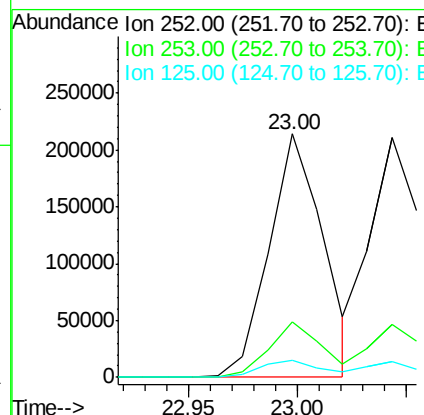
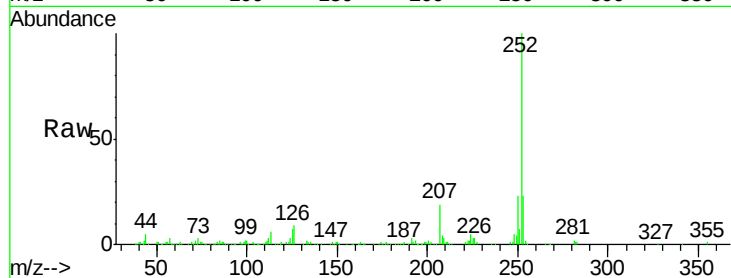
#85
Benzo(b)fluoranthene
Concen: 4.86 ng/ul
RT: 23.00 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	7.2	4.8	7.2

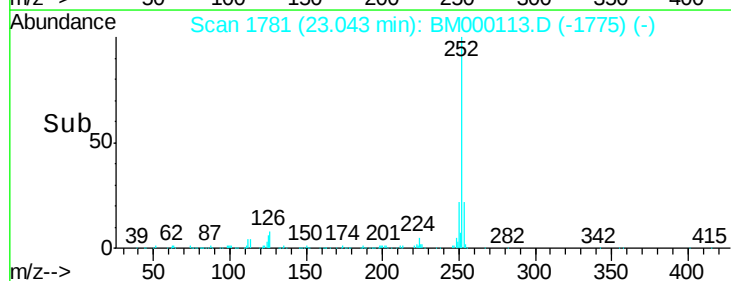
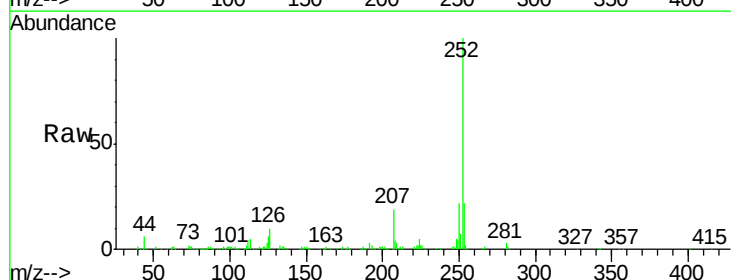
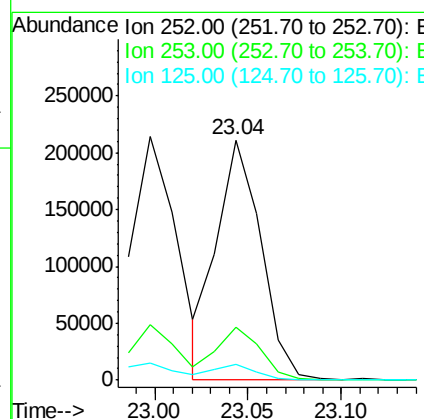
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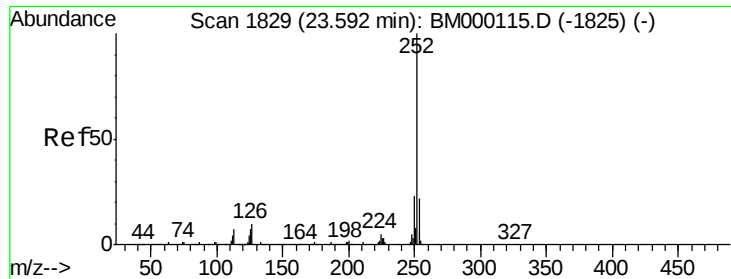
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#86
Benzo(k)fluoranthene
Concen: 5.30 ng/ul
RT: 23.04 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	6.3	4.9	7.3





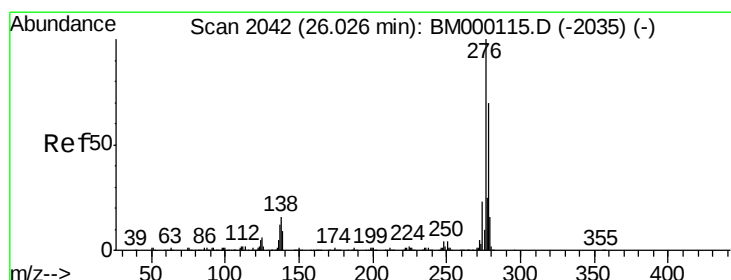
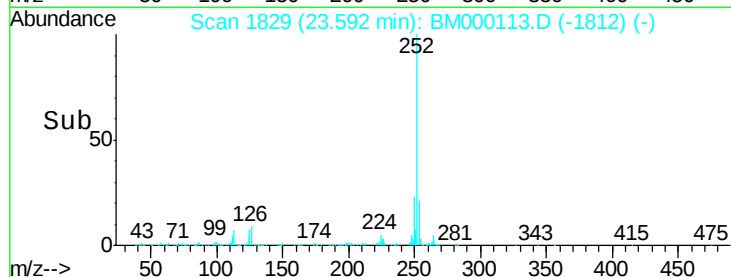
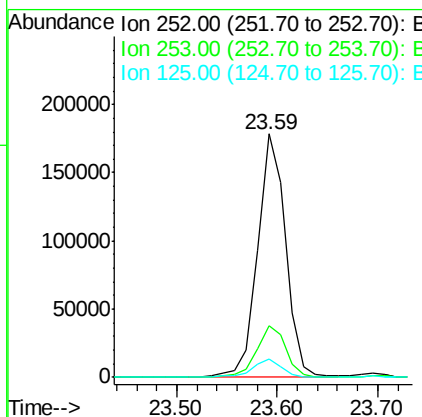
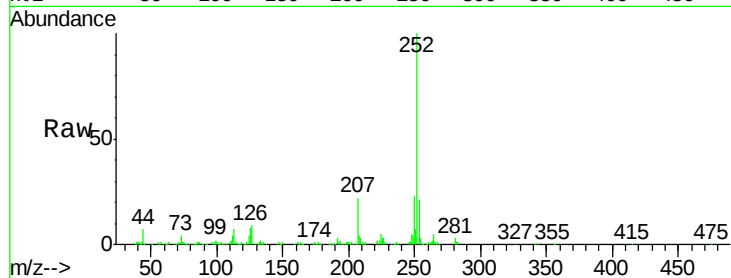
#88
Benzo(a)pyrene
Concen: 5.11 ng/ul
RT: 23.59 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.2	17.0	25.6
125	7.6	5.8	8.6

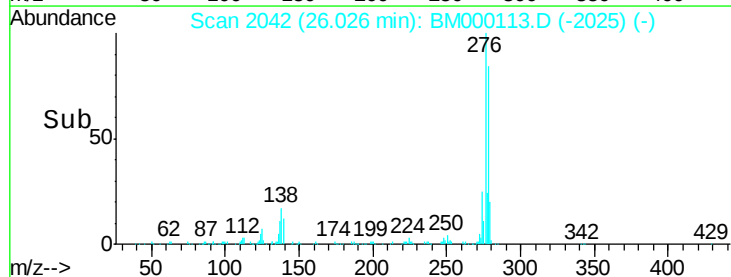
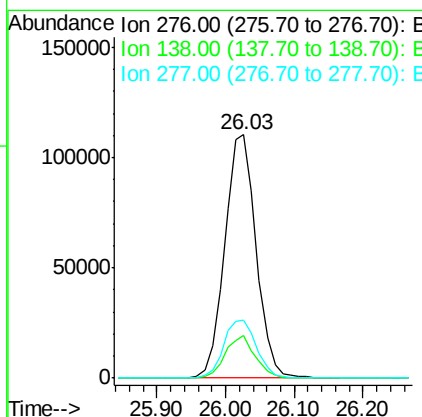
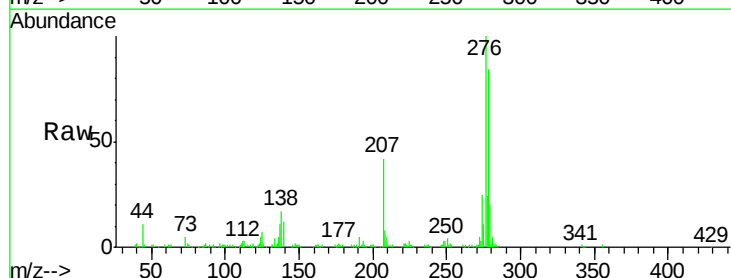
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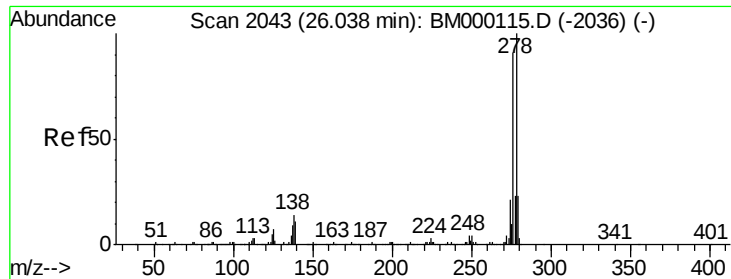
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#89
Indeno(1,2,3-cd)pyrene
Concen: 5.01 ng/ul
RT: 26.03 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	17.5	14.2	21.2
277	23.7	18.8	28.2





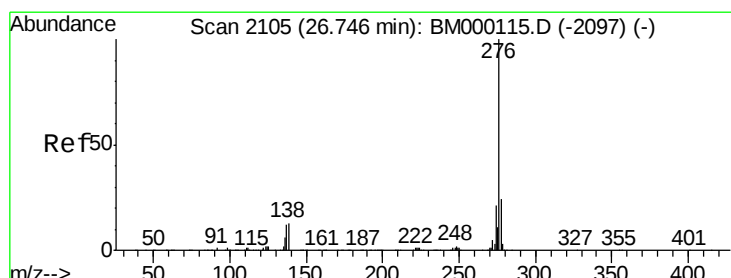
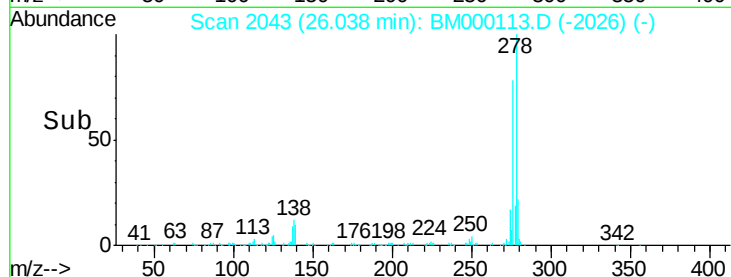
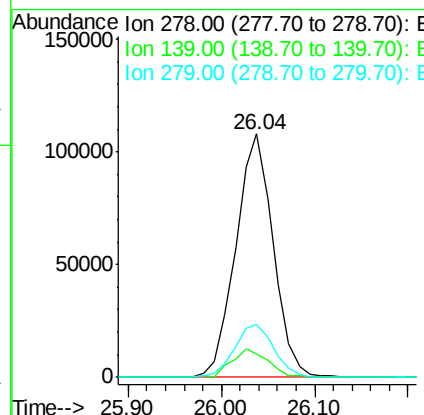
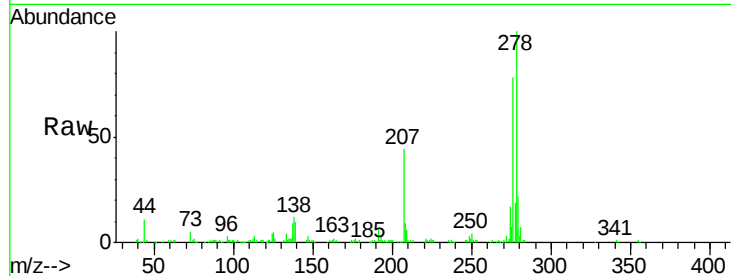
#90
Dibenzo(a,h)anthracene
Concen: 5.07 ng/ul
RT: 26.04 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

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

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.9	10.2	15.2#
279	21.8	19.2	28.8

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.03 ng/ul
RT: 26.74 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM000113.D
Acq: 02 Jan 2015 17:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.1	12.1	18.1
277	24.1	19.0	28.4

