

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
 Data File : BM000106.D
 Acq On : 02 Jan 2015 12:38
 Operator : TP/IZ
 Sample : MDL-04-S-ML
 Misc : MDL-04-SOIL-4PPM-ML
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Manual Integrations
 APPROVED

TEJASKUMAR
 1/6/2015 1:38:42 PM

Quant Time: Jan 03 05:41:29 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	297565	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1334403	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	956218	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	1936830	20.00	ng/ul	-0.01
75) Chrysene-d12	21.40	240	1737908	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	1333091	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	31526	6.14	ng/uL	-0.01
5) Phenol-d5	7.00	99	930872	36.11	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	584903	37.12	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	674966	36.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	735475	36.12	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	354132	38.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	399786m	42.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	714118m	34.18	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.77	131	972501	41.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2636892	37.39	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2954253	34.97	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	380332	33.38	ng/ul	0.00
57) Fluorene-d10	15.47	176	2106919	34.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	266292	27.72	ng/ul	0.00
70) Anthracene-d10	17.32	188	3202958	35.76	ng/ul	0.00
76) Pyrene-d10	19.61	212	3286059	40.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	2296322	38.17	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	21829	3.07 ng/ul	91
4) Benzaldehyde	6.98	77	64010	3.99 ng/ul	98
6) Phenol	7.02	94	86636	3.23 ng/ul	88
8) Bis(2-Chloroethyl)ether	7.26	93	71634	3.49 ng/ul	97
10) 2-Chlorophenol	7.40	128	60284	3.14 ng/ul	94
11) 2-Methylphenol	8.28	108	63489	3.07 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	114212	3.46 ng/ul#	95
14) Acetophenone	8.65	105	110363	3.18 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.64	70	61443	3.38 ng/ul	96
16) 4-Methylphenol	8.60	108	71496	3.19 ng/ul	95
17) Hexachloroethane	8.92	117	25026	2.85 ng/ul	99
20) Nitrobenzene	9.03	77	95870	3.48 ng/ul	94
21) Isophorone	9.56	82	165630	3.12 ng/ul	98
23) 2-Nitrophenol	9.74	139	35762	3.44 ng/ul	86
24) 2,4-Dimethylphenol	9.80	107	89047	3.15 ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.04	93	93617	3.17 ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	65089	3.13 ng/ul	90
28) Naphthalene	10.68	128	214983	3.16 ng/ul	99
30) 4-Chloroaniline	10.79	127	82301	3.37 ng/ul	94
31) Hexachlorobutadiene	10.96	225	48941	3.32 ng/ul	89
32) Caprolactam	11.58	113	19807m	2.86 ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	76085	2.99 ng/ul	98
34) 2-Methylnaphthalene	12.29	142	158703	3.15 ng/ul	99

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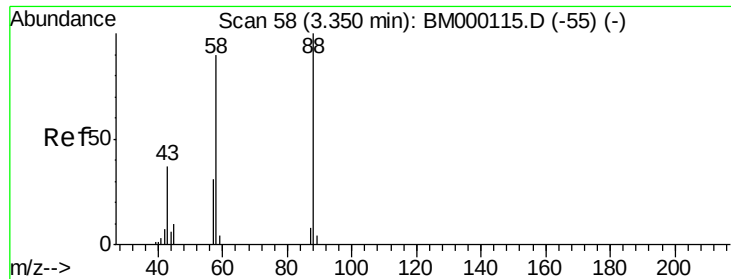
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	84911	3.20	ng/ul#	95
37) Hexachlorocyclopentadiene	12.64	237	36392	2.08	ng/ul	96
38) 2,4,6-Trichlorophenol	12.89	196	48501	2.87	ng/ul	97
39) 2,4,5-Trichlorophenol	12.96	196	53812	2.93	ng/ul	97
40) 1,1'-Biphenyl	13.30	154	217009	3.15	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	166554	3.15	ng/ul	99
42) 2-Nitroaniline	13.55	65	51277	3.00	ng/ul	96
44) Dimethylphthalate	13.92	163	237776	3.38	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	40317	3.21	ng/ul	93
47) Acenaphthylene	14.20	152	269503	3.03	ng/ul	99
48) 3-Nitroaniline	14.37	138	42195	3.28	ng/ul	97
49) Acenaphthene	14.54	153	179418	3.16	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	9281	1.45	ng/ul	90
52) 4-Nitrophenol	14.68	109	47575	3.14	ng/ul	97
53) Dibenzofuran	14.87	168	253309	3.08	ng/ul	97
54) 2,4-Dinitrotoluene	14.83	165	61123	3.26	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.09	232	44910	2.83	ng/ul	98
56) Diethylphthalate	15.29	149	239821	3.25	ng/ul	99
58) Fluorene	15.52	166	210553	3.09	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	107343	3.19	ng/ul	97
60) 4-Nitroaniline	15.53	138	43699	3.01	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.59	198	24628	2.51	ng/ul#	65
64) N-Nitrosodiphenylamine	15.73	169	180428	3.21	ng/ul	98
65) 4-Bromophenyl-phenylether	16.40	248	61381	3.11	ng/ul#	82
66) Hexachlorobenzene	16.52	284	73331	3.22	ng/ul	98
67) Atrazine	16.68	200	69541	3.14	ng/ul	99
68) Pentachlorophenol	16.86	266	27999m	2.02	ng/ul	
69) Phenanthrene	17.26	178	343487m	3.28	ng/ul	
71) Anthracene	17.35	178	334678	3.10	ng/ul	98
72) Carbazole	17.61	167	309643	3.19	ng/ul	98
73) Di-n-butylphthalate	18.17	149	382884	3.31	ng/ul	98
74) Fluoranthene	19.27	202	385340	3.21	ng/ul	99
77) Pyrene	19.64	202	383865	3.66	ng/ul	100
78) Butylbenzylphthalate	20.54	149	154157	3.62	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.32	252	89142	2.81	ng/ul	97
80) Benzo(a)anthracene	21.39	228	328623	3.28	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	210959	3.41	ng/ul#	95
82) Chrysene	21.43	228	295380	3.19	ng/ul	98
84) Di-n-octyl phthalate	22.21	149	308154	3.36	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	272493	3.20	ng/ul#	98
86) Benzo(k)fluoranthene	23.04	252	255793	3.52	ng/ul	99
88) Benzo(a)pyrene	23.59	252	257512	3.45	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	259666	3.33	ng/ul	97
90) Dibenzo(a,h)anthracene	26.04	278	221413	3.37	ng/ul	97
91) Benzo(g,h,i)perylene	26.73	276	211898	3.31	ng/ul	99

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



#2

1,4-Dioxane

Concen: 3.07 ng/uL

RT: 3.35 min Scan# 58

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

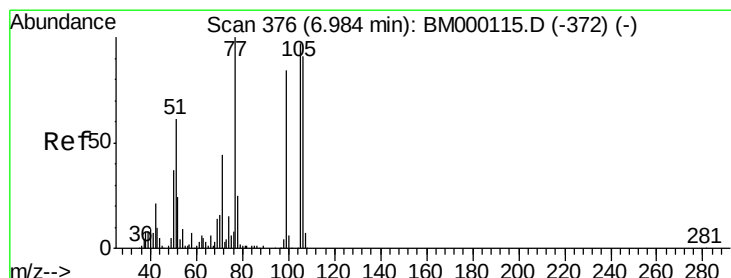
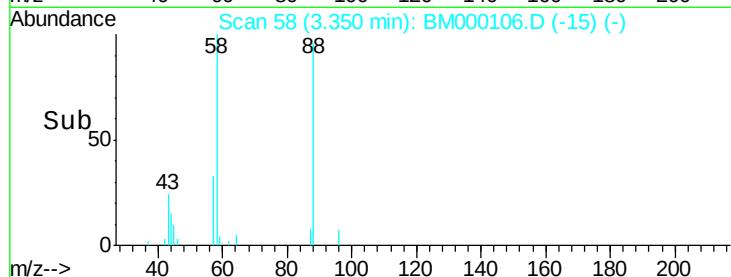
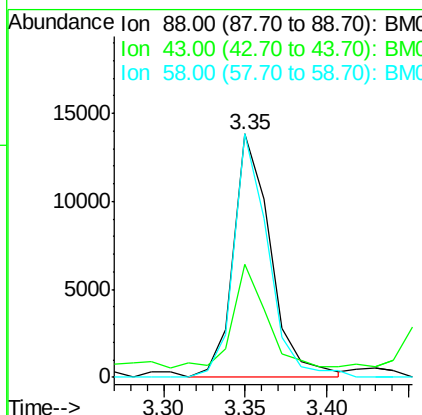
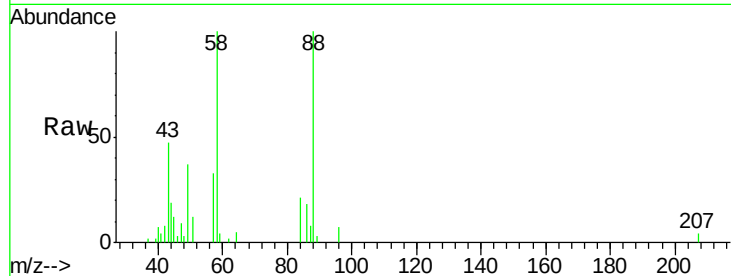
ClientSampleId :

MDL-04-S-ML

Tgt Ion:	88	Resp:	21829
Ion Ratio	Lower	Upper	
88	100		
43	35.5	34.9	52.3
58	91.0	67.3	100.9

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#4

Benzaldehyde

Concen: 3.99 ng/uL

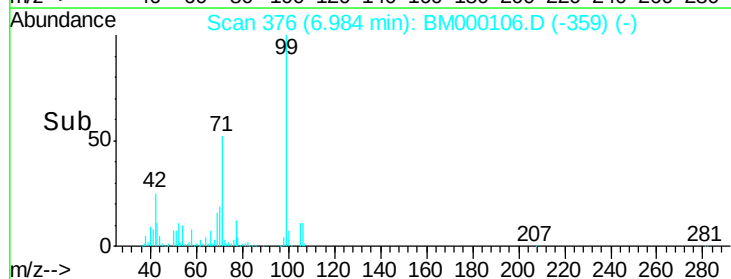
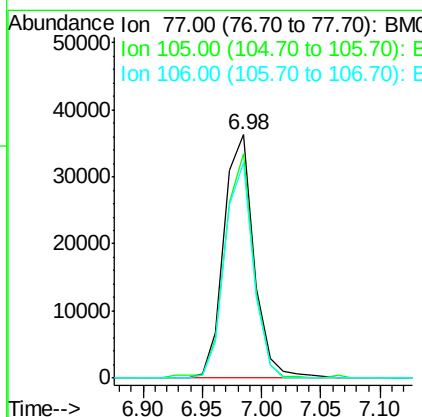
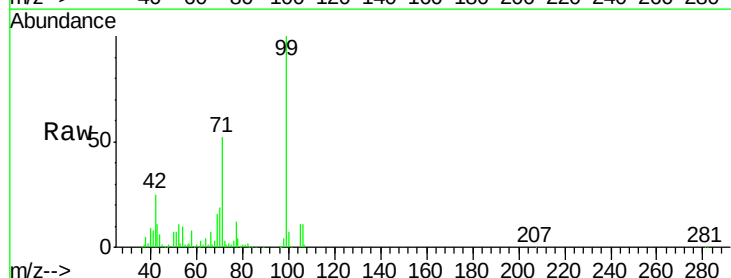
RT: 6.98 min Scan# 376

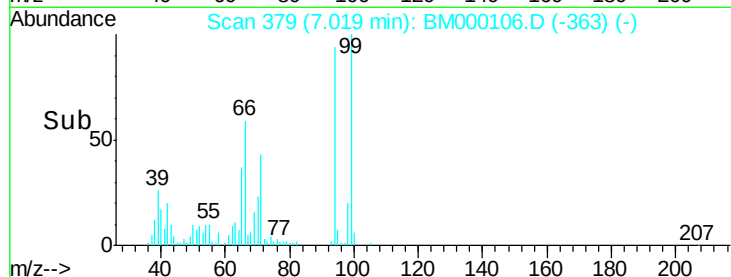
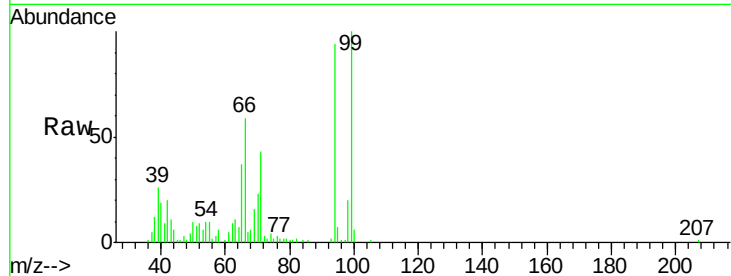
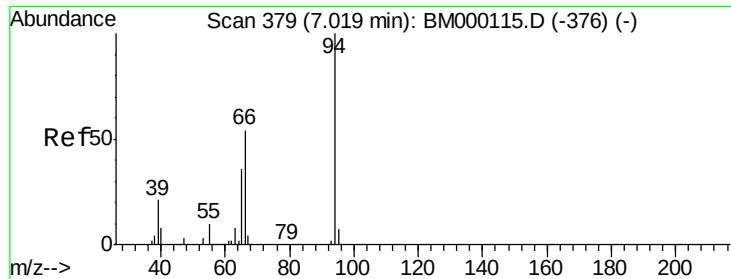
Delta R.T. -0.00 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Tgt Ion:	77	Resp:	64010
Ion Ratio	Lower	Upper	
77	100		
105	92.0	73.5	110.3
106	88.5	67.9	101.9





#6

Phenol

Concen: 3.23 ng/ul

RT: 7.02 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Tgt Ion:	94	Resp:	86636
Ion	Ratio	Lower	Upper
94	100		
65	39.6	27.4	41.0
66	63.1	42.5	63.7

Instrument :

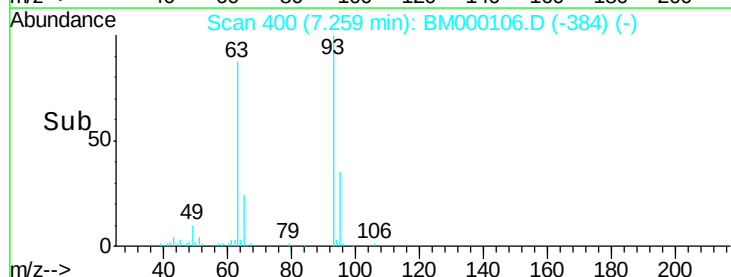
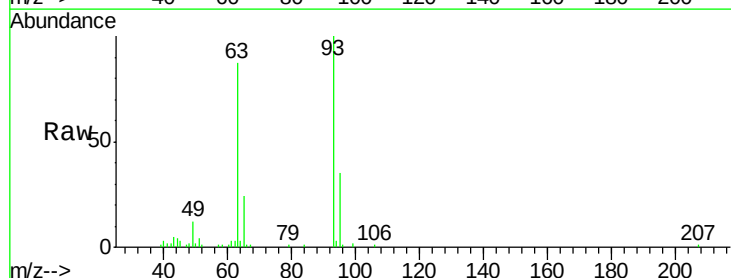
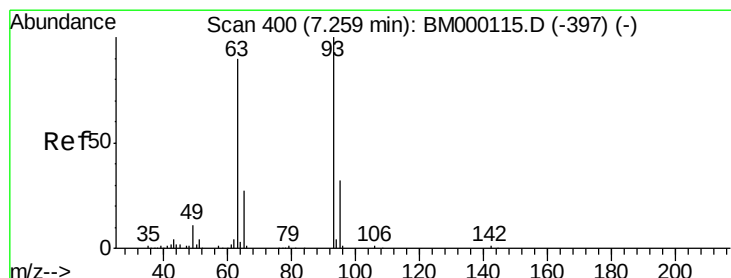
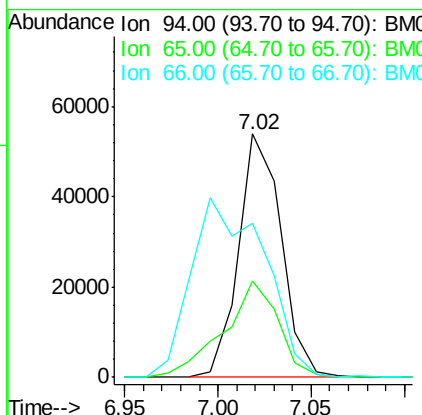
BNA_M

ClientSampleId :

MDL-04-S-ML

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#8

Bis(2-Chloroethyl)ether

Concen: 3.49 ng/ul

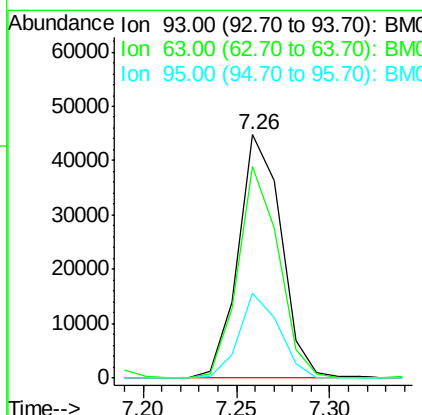
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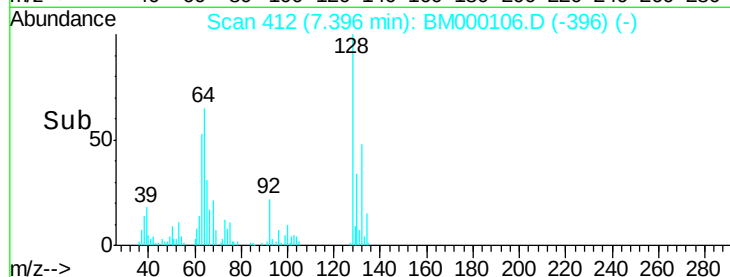
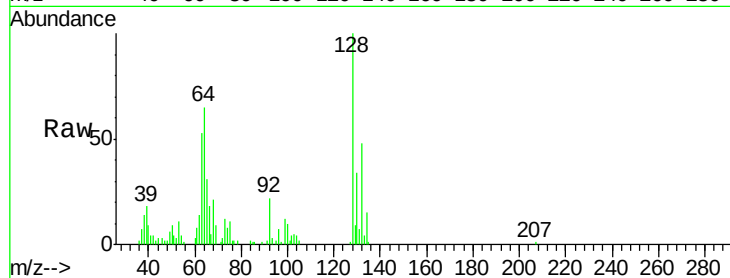
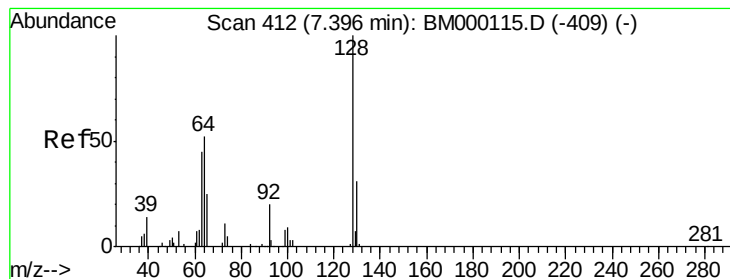
Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Tgt Ion:	93	Resp:	71634
Ion	Ratio	Lower	Upper
93	100		
63	87.1	68.9	103.3
95	34.9	24.6	37.0





#10

2-Chlorophenol

Concen: 3.14 ng/ul

RT: 7.40 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Tgt Ion:	128	Resp:	60284
Ion	Ratio	Lower	Upper
128	100		
64	64.6	47.2	70.8
130	33.6	25.2	37.8

Instrument :

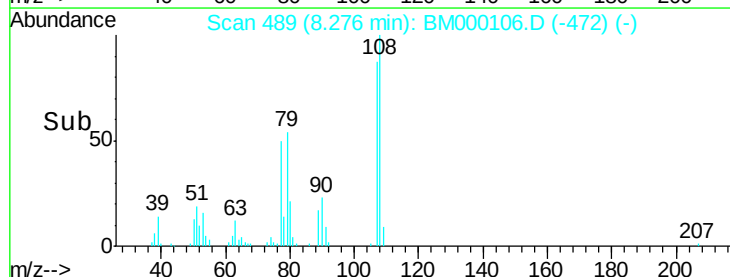
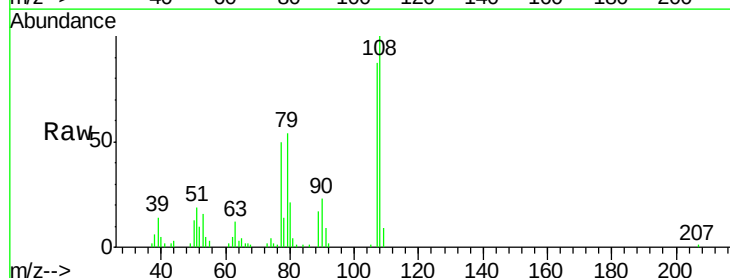
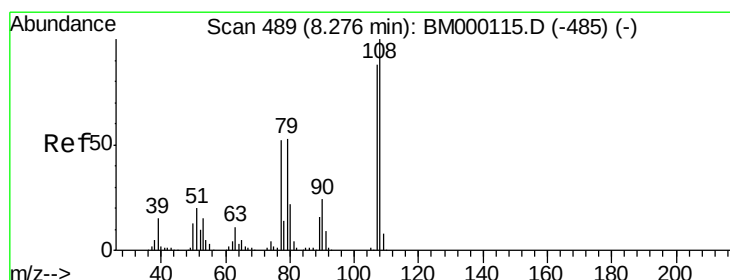
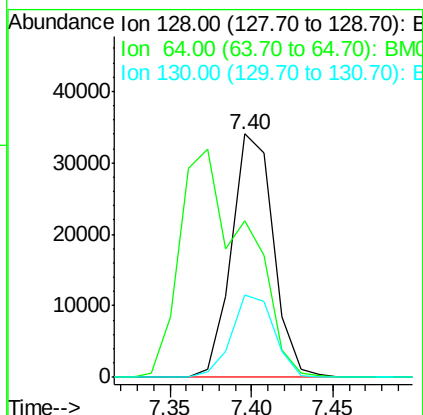
BNA_M

ClientSampleId :

MDL-04-S-ML

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#11

2-Methylphenol

Concen: 3.07 ng/ul

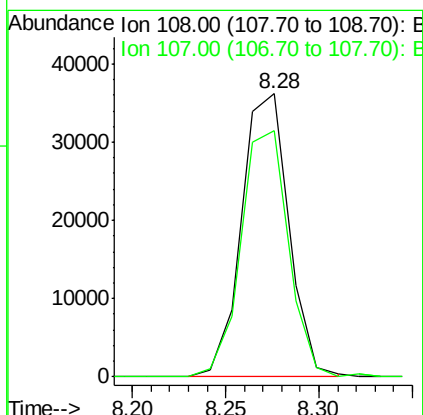
RT: 8.28 min Scan# 489

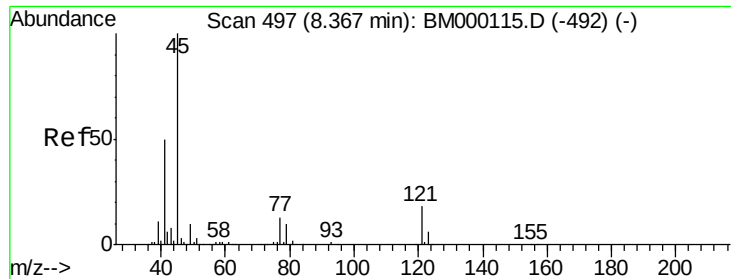
Delta R.T. -0.00 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Tgt Ion:	108	Resp:	63489
Ion	Ratio	Lower	Upper
108	100		
107	86.9	70.7	106.1





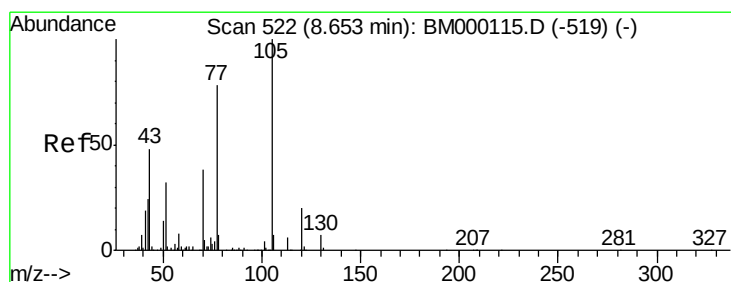
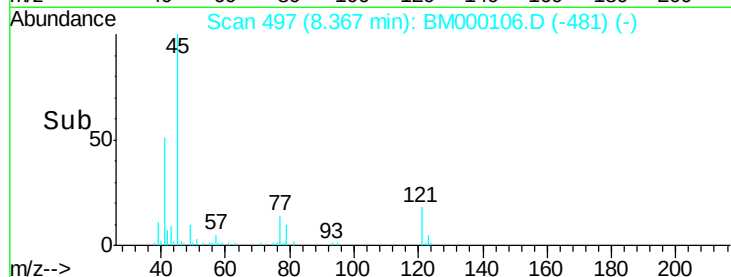
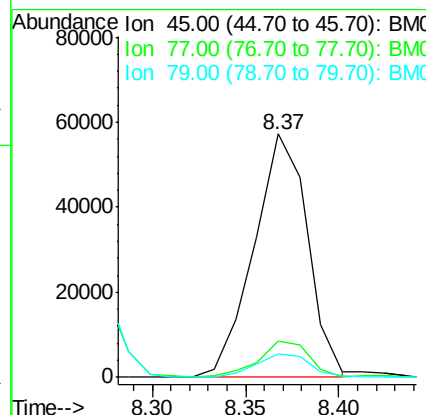
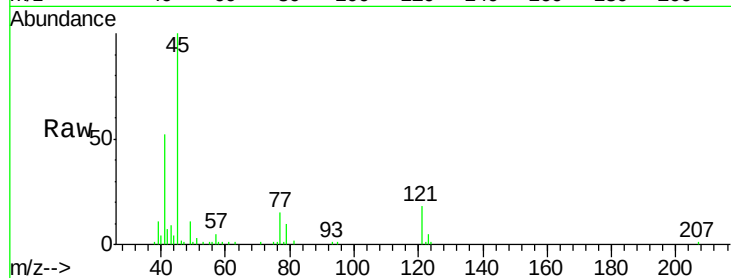
#12
2,2'-oxybis(1-chloropropane)
Concen: 3.46 ng/ul
RT: 8.37 min Scan# 497
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

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Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	9.9	14.9#
79	9.6	8.3	12.5

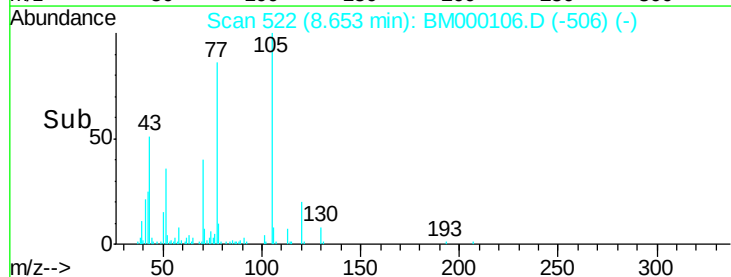
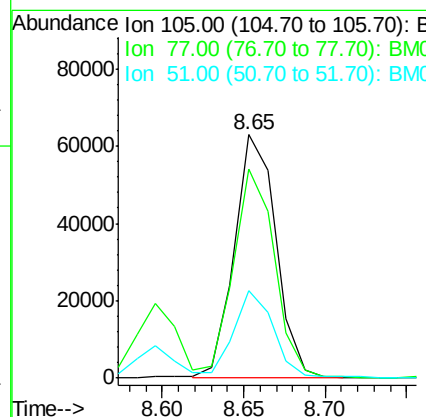
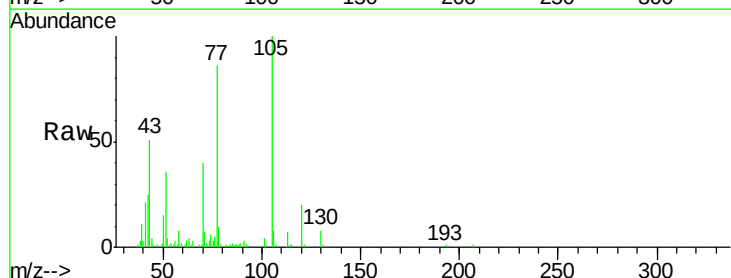
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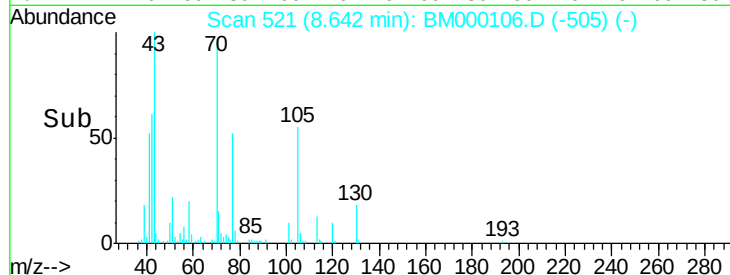
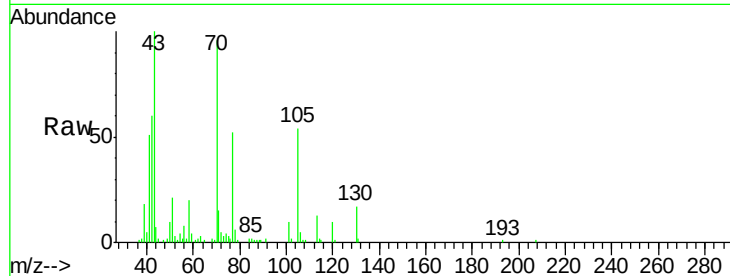
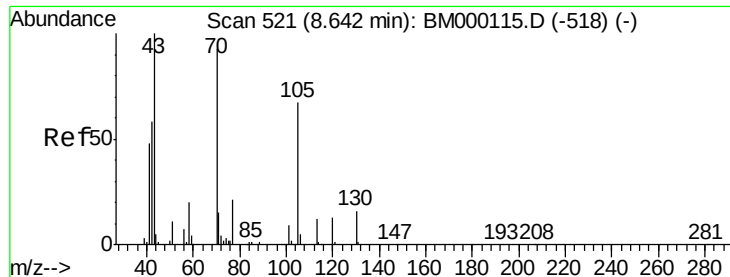
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#14
Acetophenone
Concen: 3.18 ng/ul
RT: 8.65 min Scan# 522
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Lower	Upper
105	100		
77	86.1	66.3	99.5
51	35.8	26.5	39.7





#15

N-Nitroso-di-n-propylamine

Concen: 3.38 ng/ul

RT: 8.64 min Scan# 521

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

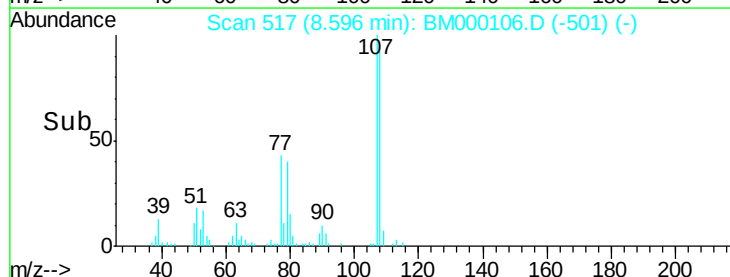
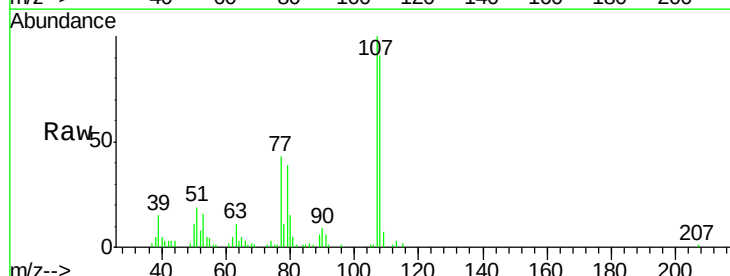
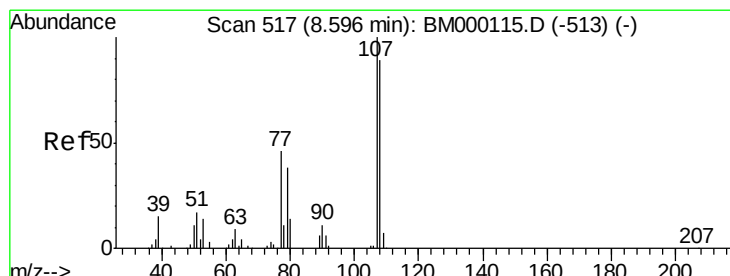
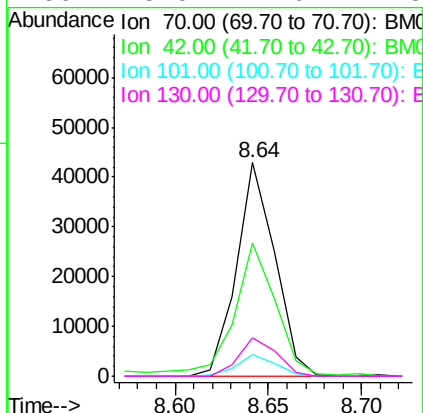
ClientSampleId :

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Tgt Ion:	70	Resp:	61443
Ion Ratio	Lower	Upper	
70	100		
42	62.6	46.4	69.6
101	10.0	7.8	11.8
130	18.0	14.6	21.8

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#16

4-Methylphenol

Concen: 3.19 ng/ul

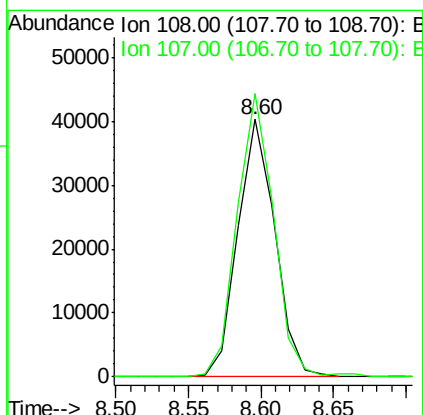
RT: 8.60 min Scan# 517

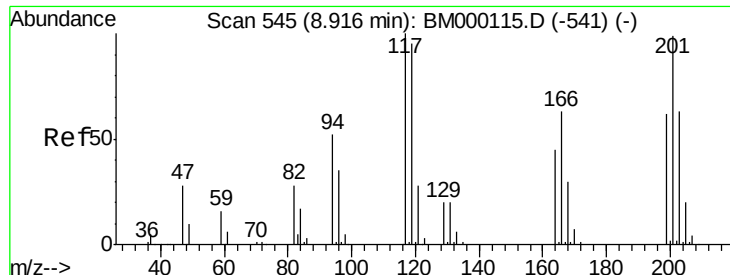
Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Tgt Ion:	108	Resp:	71496
Ion Ratio	Lower	Upper	
108	100		
107	109.8	84.0	126.0





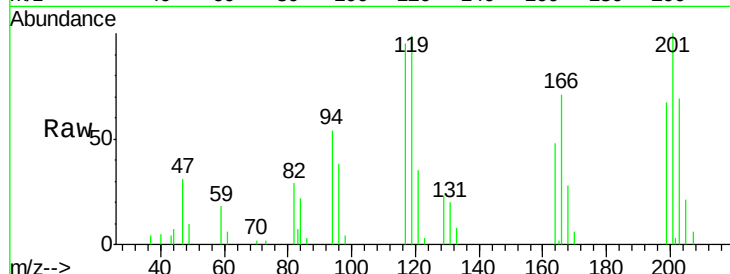
#17
Hexachloroethane
Concen: 2.85 ng/ul
RT: 8.92 min Scan# 545
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

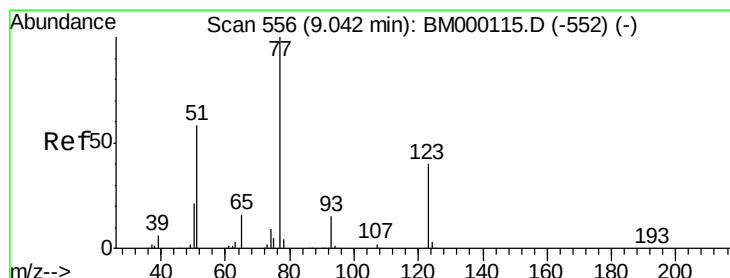
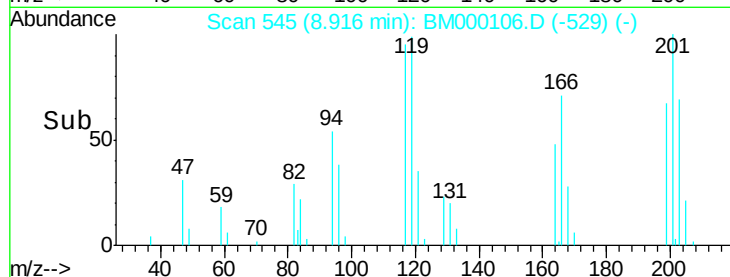
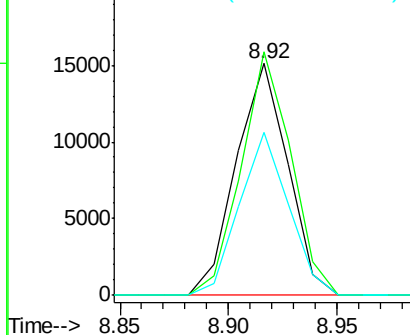
Tgt Ion	Ratio	Lower	Upper
117	100		
201	105.2	85.2	127.8
199	70.3	55.1	82.7

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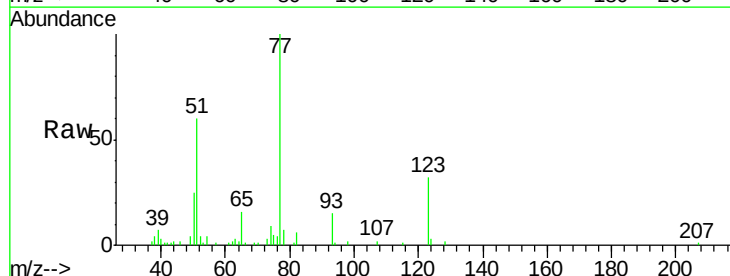


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

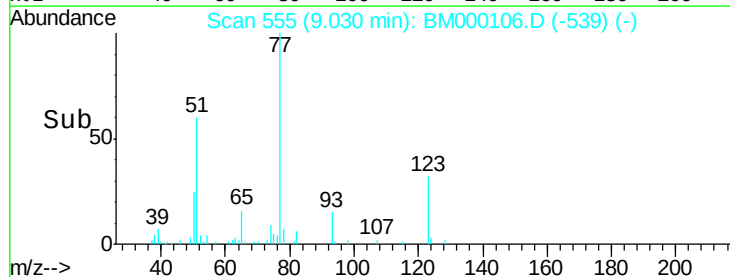
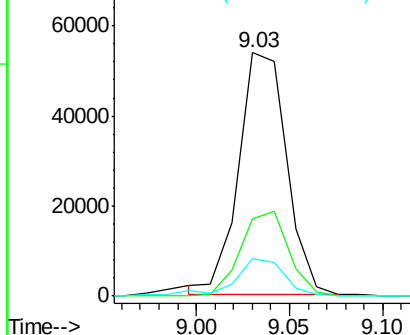


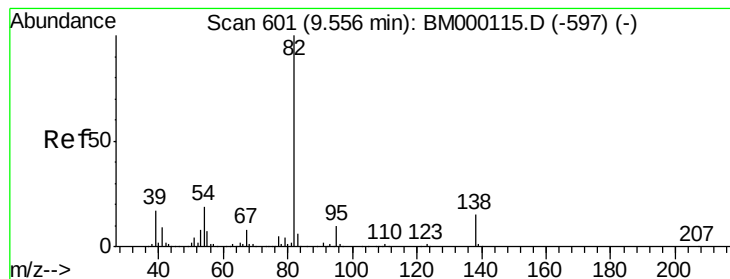
#20
Nitrobenzene
Concen: 3.48 ng/ul
RT: 9.03 min Scan# 555
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	31.6	29.2	43.8
65	15.7	12.4	18.6



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





#21

Isophorone

Concen: 3.12 ng/ul

RT: 9.56 min Scan# 601

Delta R.T. -0.01 min

Lab File: BM000106.D

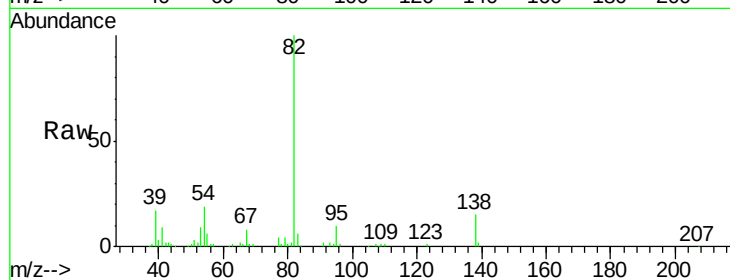
Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

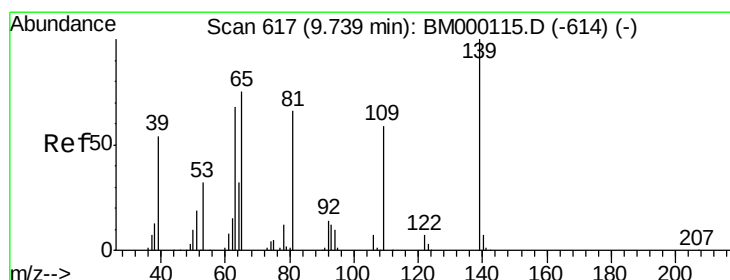
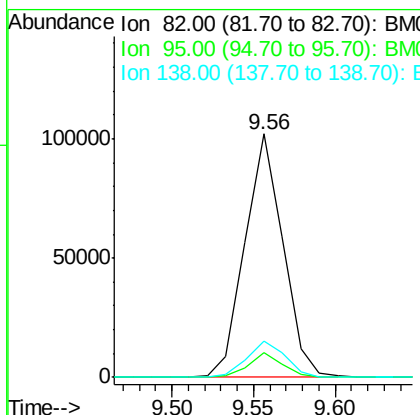
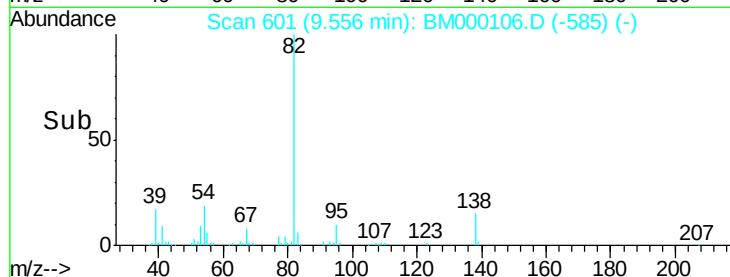
MDL-04-S-ML



Tgt Ion	Ratio	Resp	Lower	Upper
82	100	165630		
95	10.2	6.9	10.3	
138	15.2	12.1	18.1	

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#23

2-Nitrophenol

Concen: 3.44 ng/ul

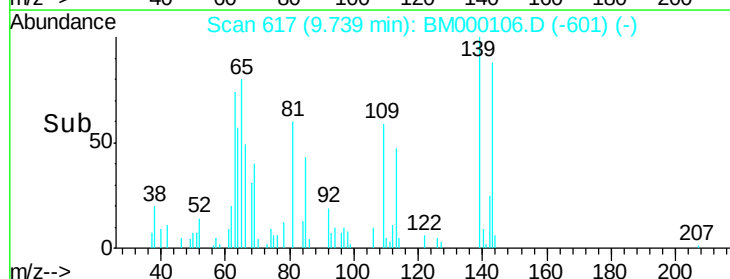
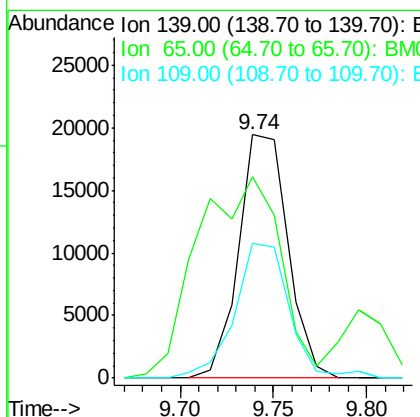
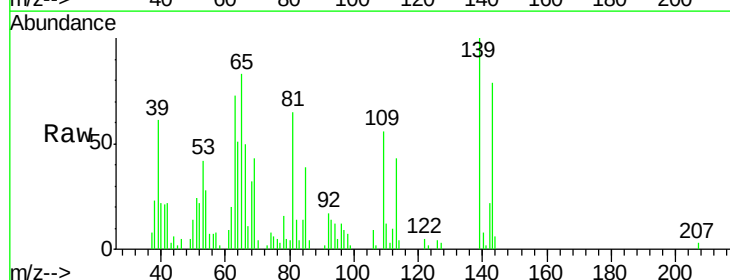
RT: 9.74 min Scan# 617

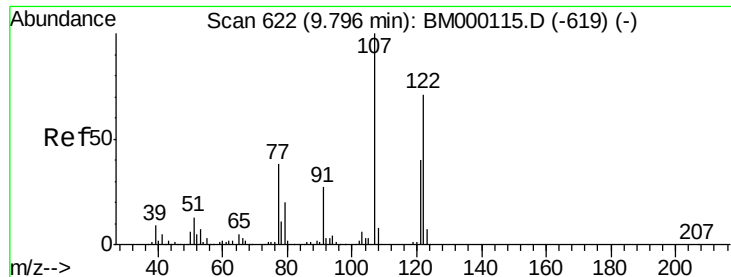
Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	35762		
65	82.7	56.3	84.5	
109	55.5	37.1	55.7	





#24

2,4-Dimethylphenol

Concen: 3.15 ng/ul

RT: 9.80 min Scan# 622

Delta R.T. -0.01 min

Lab File: BM000106.D

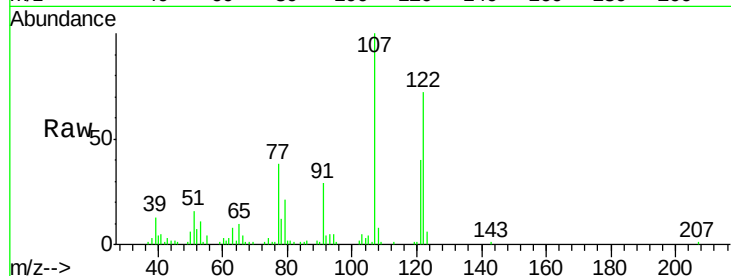
Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

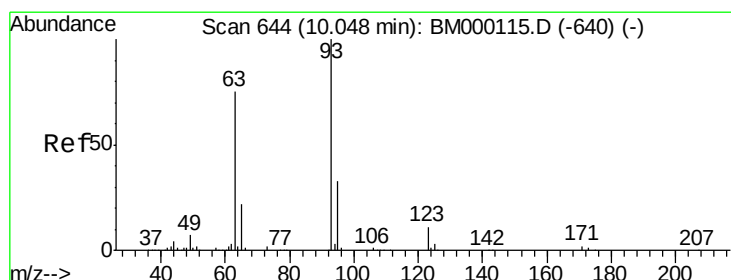
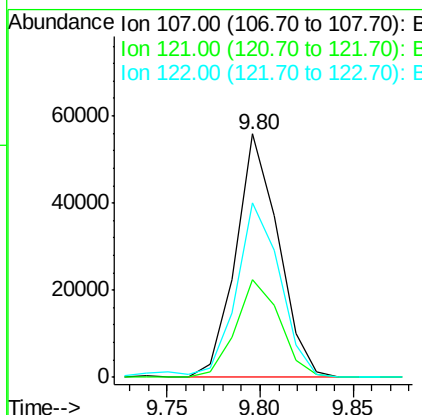
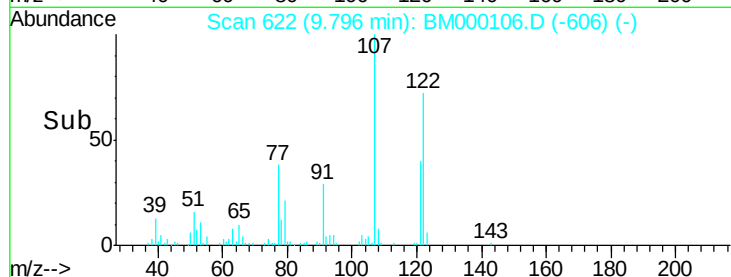
MDL-04-S-ML



Tgt Ion:	107	Resp:	89047
Ion Ratio	Lower	Upper	
107	100		
121	40.2	33.0	49.6
122	71.9	59.3	88.9

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#25

Bis(2-Chloroethoxy)methane

Concen: 3.17 ng/ul

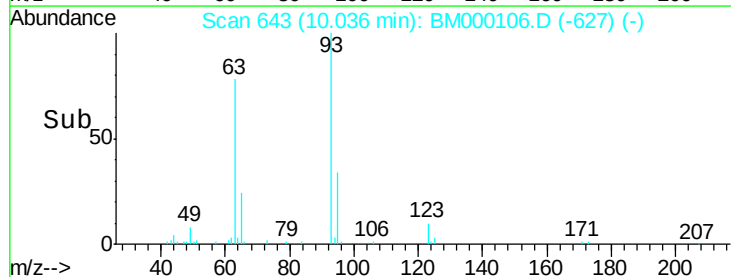
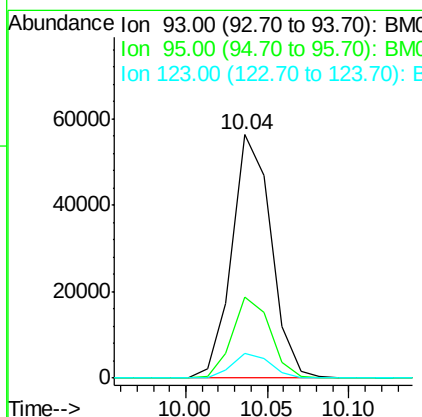
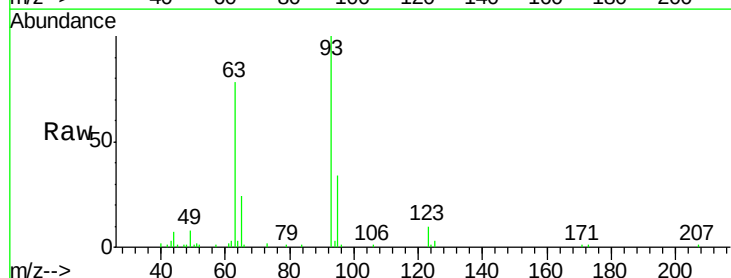
RT: 10.04 min Scan# 643

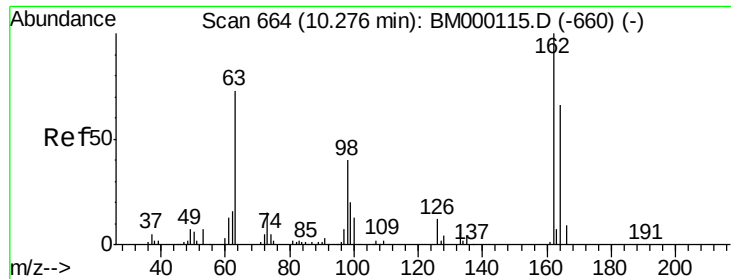
Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Tgt Ion:	93	Resp:	93617
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.1	39.1
123	10.2	7.4	11.2





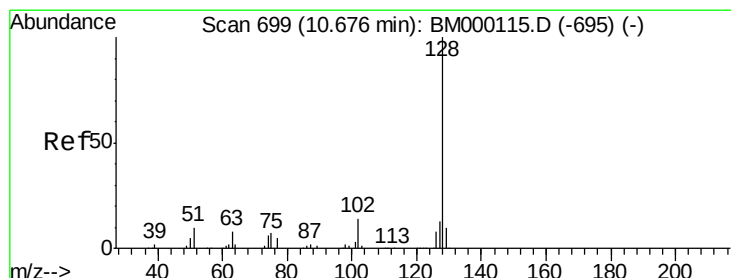
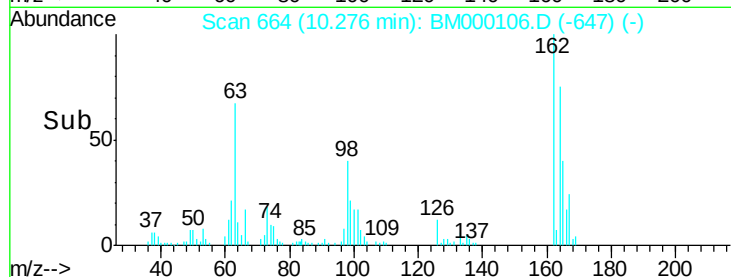
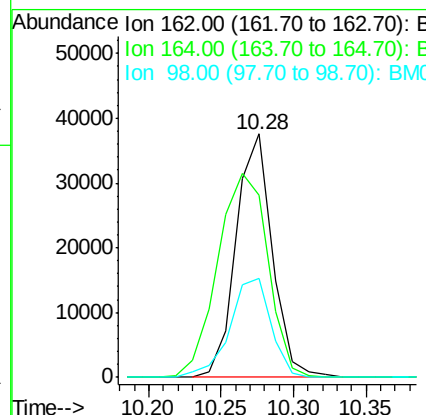
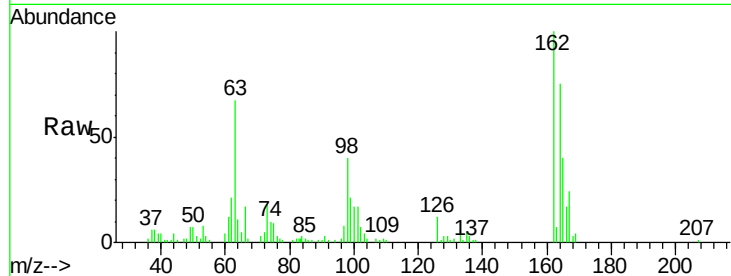
#27
2,4-Dichlorophenol
Concen: 3.13 ng/ul
RT: 10.28 min Scan# 664
Delta R.T. -0.00 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Lower	Upper
162	100		
164	75.0	50.2	75.4
98	40.4	31.4	47.2

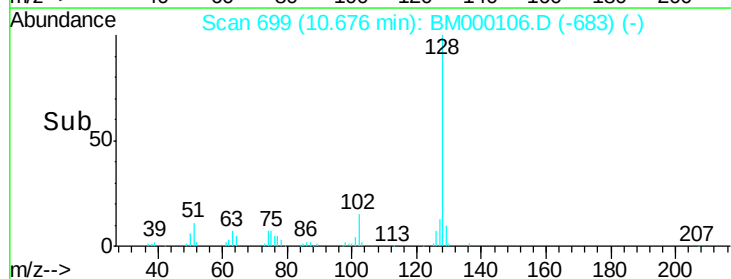
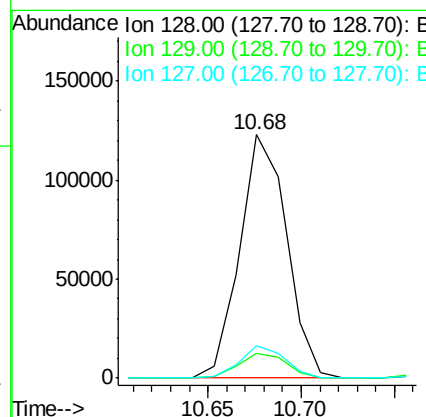
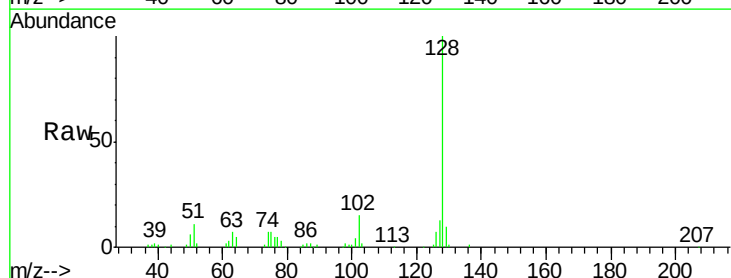
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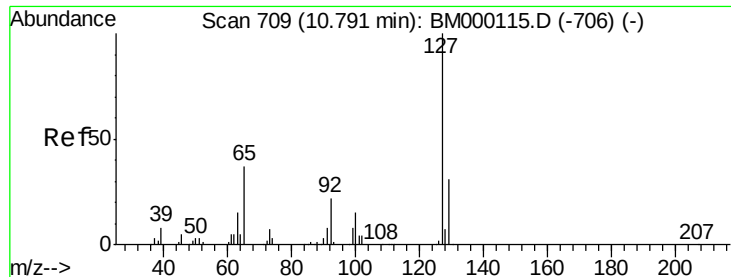
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#28
Naphthalene
Concen: 3.16 ng/ul
RT: 10.68 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.6	13.0
127	13.5	10.3	15.5





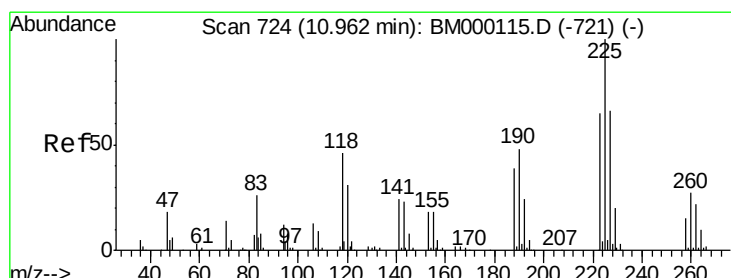
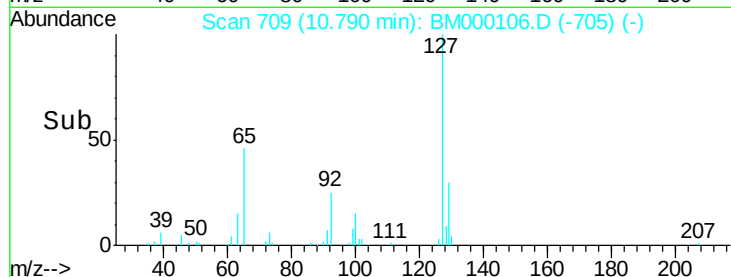
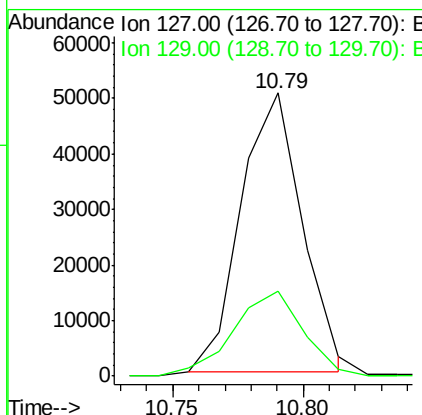
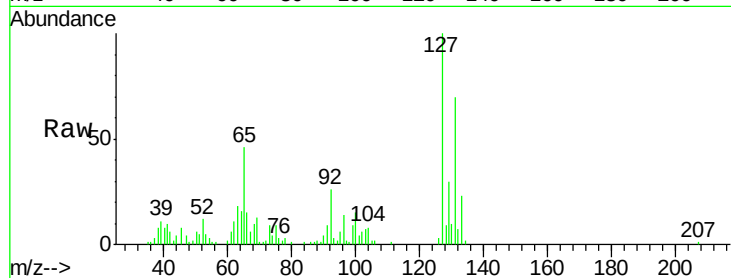
#30
4-Chloroaniline
Concen: 3.37 ng/ul
RT: 10.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.8	26.5	39.7

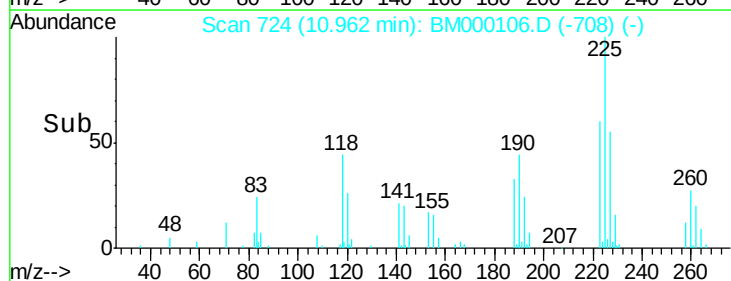
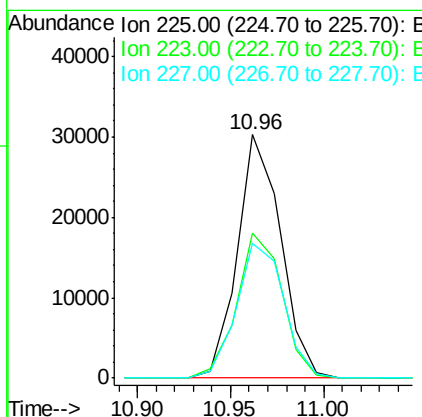
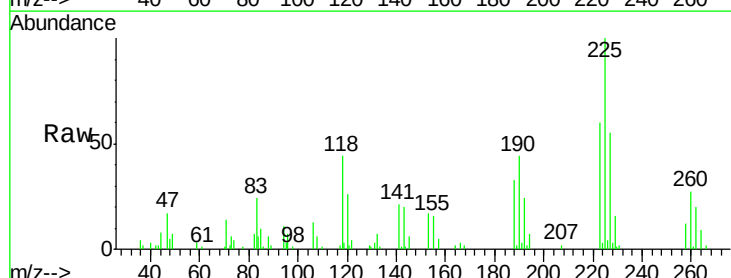
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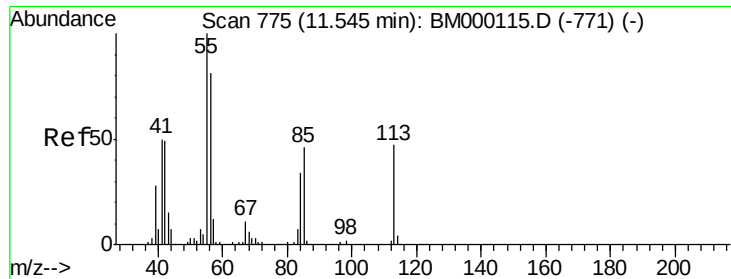
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#31
Hexachlorobutadiene
Concen: 3.32 ng/ul
RT: 10.96 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.6	54.4	81.6
227	55.3	51.8	77.8





#32

Caprolactam

Concen: 2.86 ng/ul m

RT: 11.58 min Scan# 778

Delta R.T. 0.03 min

Lab File: BM000106.D

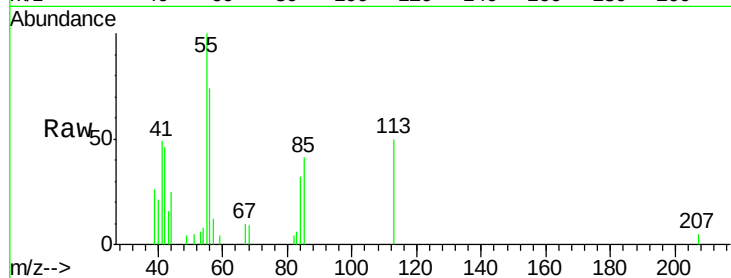
Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

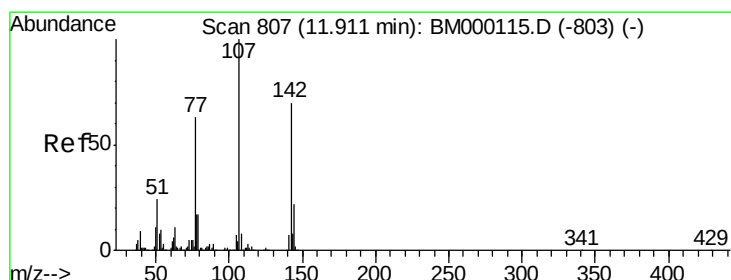
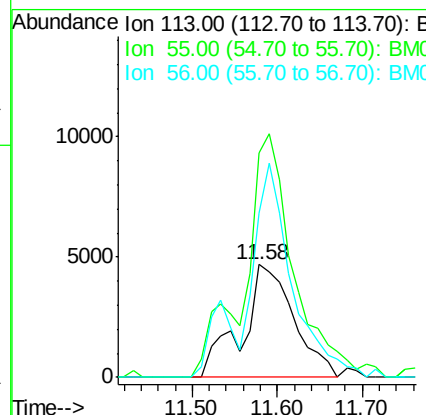
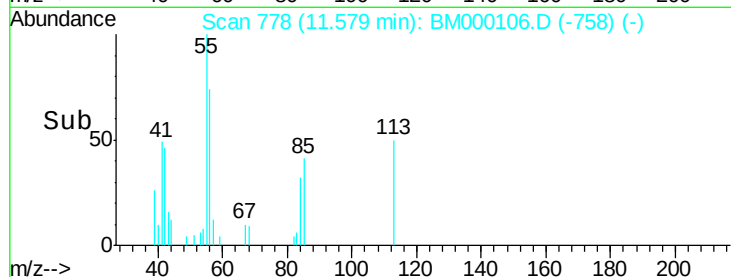
MDL-04-S-ML



Tgt Ion:	113	Resp:	19807
Ion	Ratio	Lower	Upper
113	100		
55	199.1	156.6	234.8
56	146.5	126.3	189.5

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#33

4-Chloro-3-methylphenol

Concen: 2.99 ng/ul

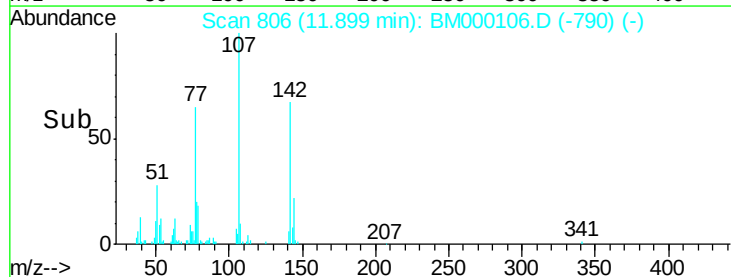
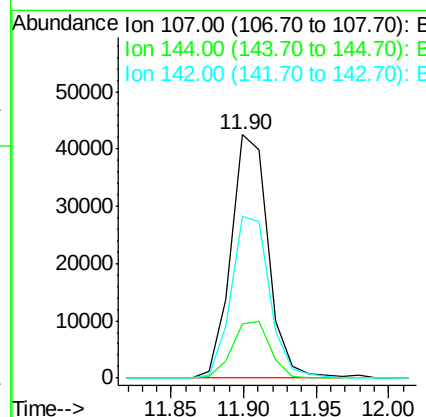
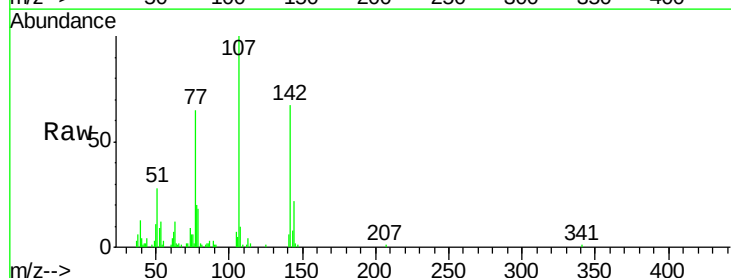
RT: 11.90 min Scan# 806

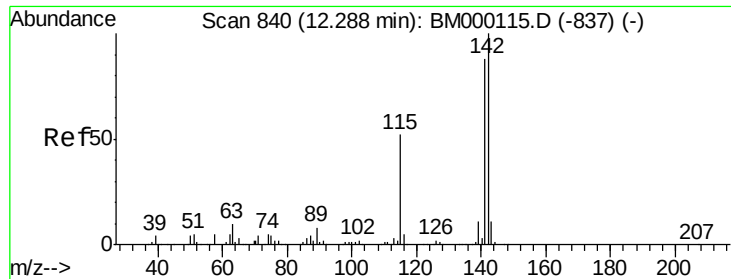
Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Tgt Ion:	107	Resp:	76085
Ion	Ratio	Lower	Upper
107	100		
144	22.1	16.6	24.8
142	66.6	54.6	82.0





#34

2-Methylnaphthalene

Concen: 3.15 ng/ul

RT: 12.29 min Scan# 840

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

MDL-04-S-ML

Tgt Ion:142 Resp: 158703

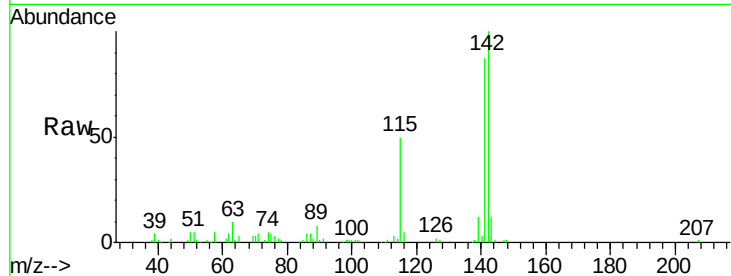
Ion Ratio Lower Upper

142 100

141 87.5 69.3 103.9

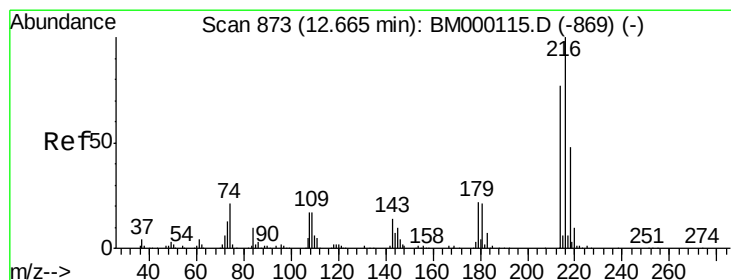
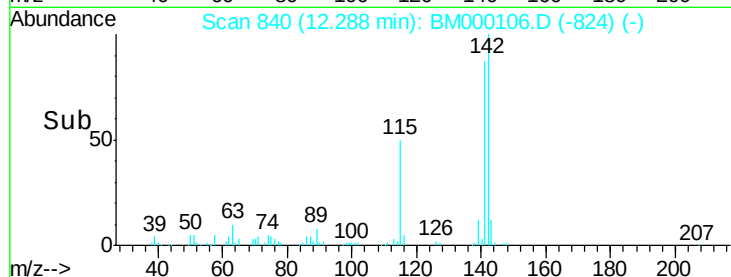
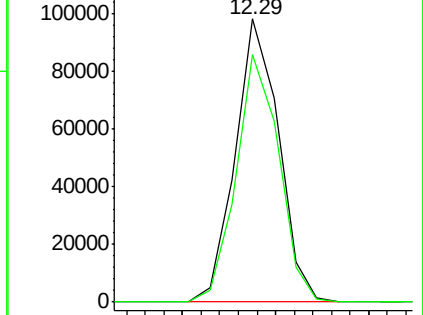
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 3.20 ng/ul

RT: 12.65 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Tgt Ion:216 Resp: 84911

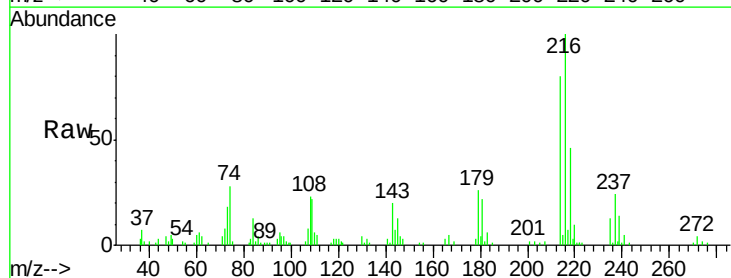
Ion Ratio Lower Upper

216 100

214 79.7 62.6 94.0

179 25.6 17.4 26.2

108 22.7 13.4 20.0#

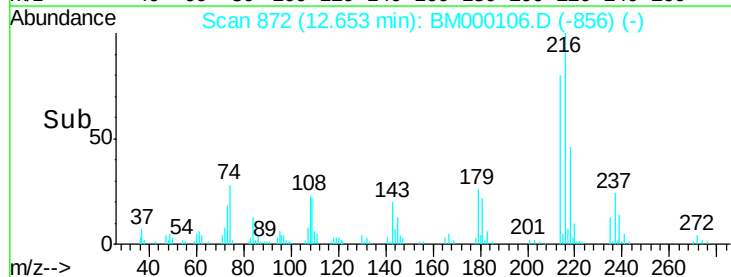
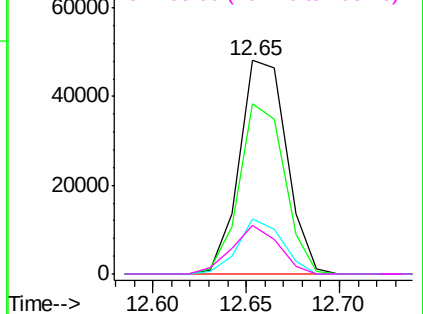


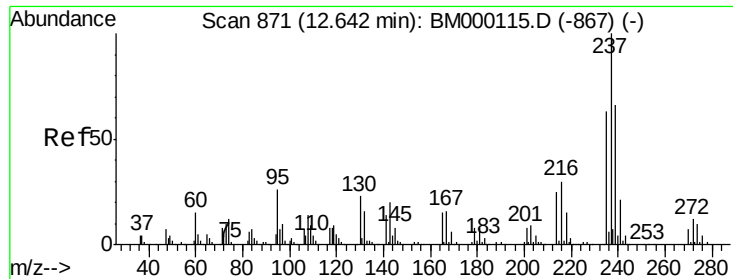
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#37

Hexachlorocyclopentadiene

Concen: 2.08 ng/ul

RT: 12.64 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

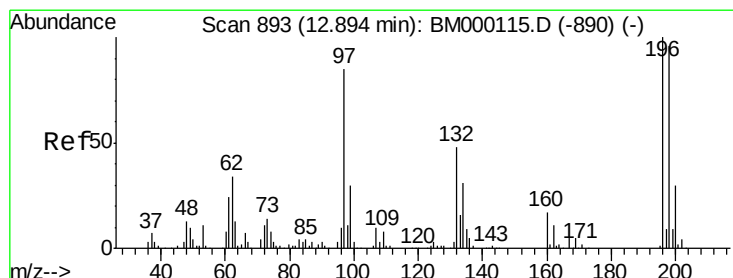
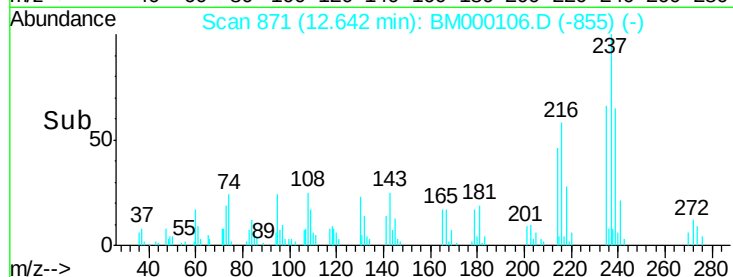
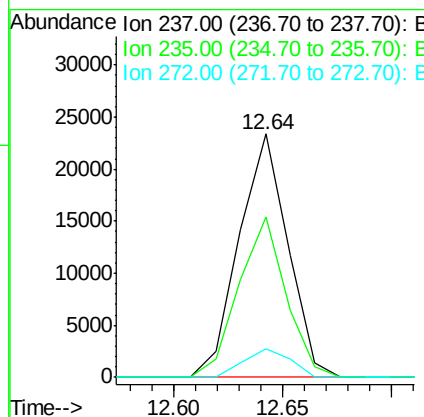
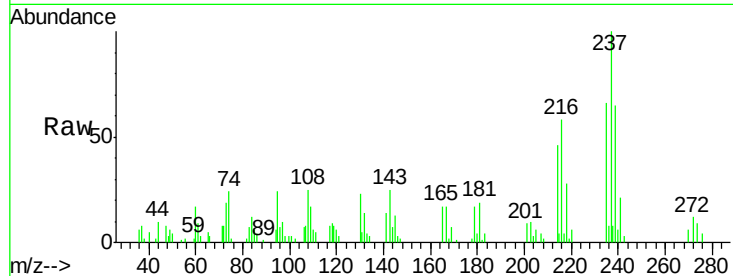
ClientSampleId :

MDL-04-S-ML

Tgt Ion:	237	Resp:	36392
Ion Ratio	Lower	Upper	
237	100		
235	65.9	50.0	75.0
272	12.0	8.9	13.3

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#38

2,4,6-Trichlorophenol

Concen: 2.87 ng/ul

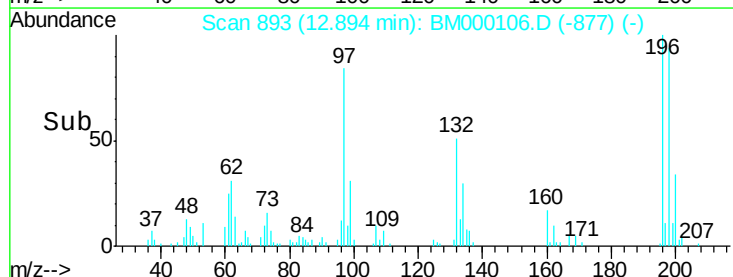
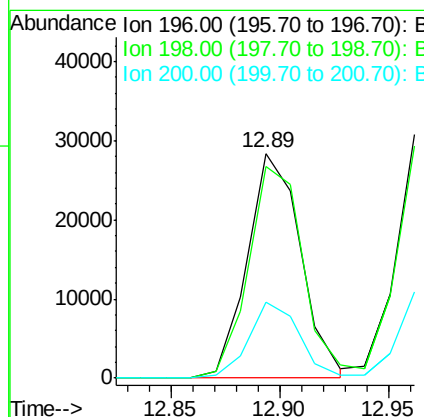
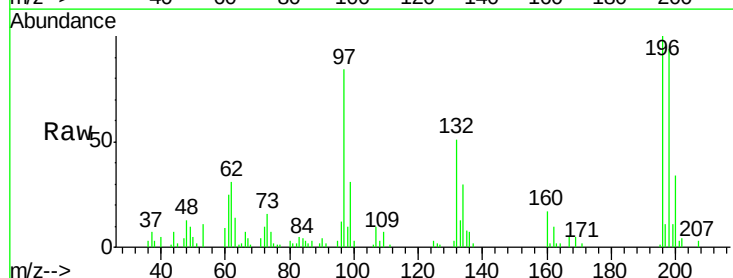
RT: 12.89 min Scan# 893

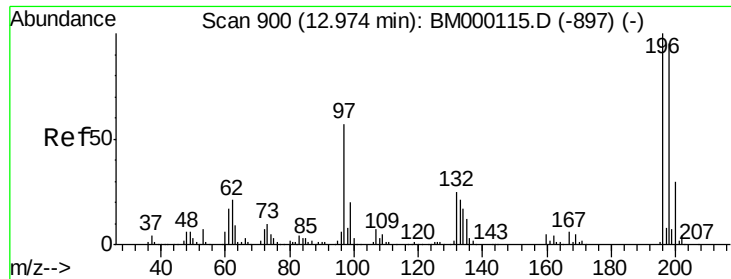
Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Tgt Ion:	196	Resp:	48501
Ion Ratio	Lower	Upper	
196	100		
198	94.1	76.6	114.8
200	33.8	24.5	36.7





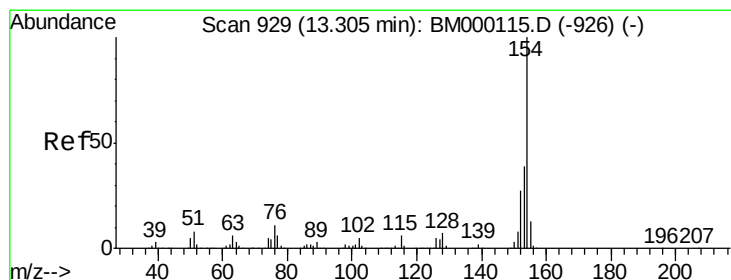
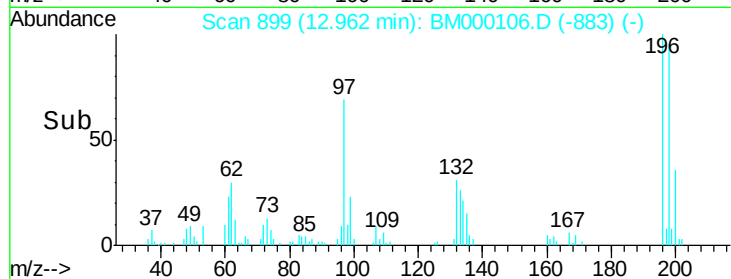
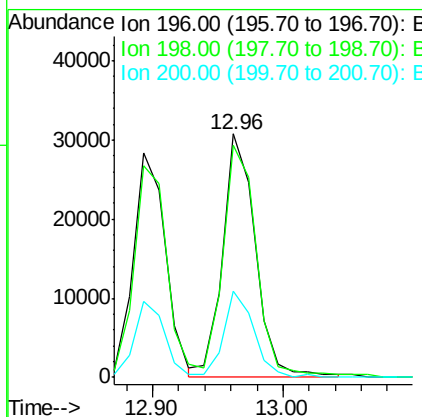
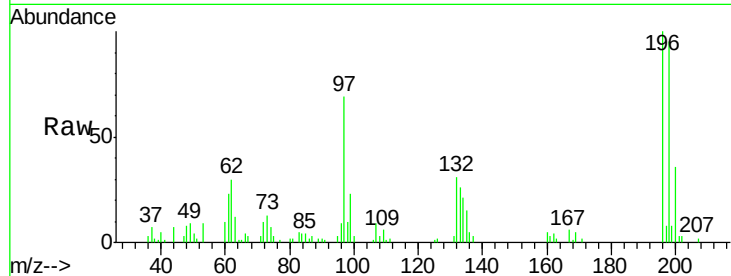
#39
 2,4,5-Trichlorophenol
 Concen: 2.93 ng/ul
 RT: 12.96 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BM000106.D
 Acq: 02 Jan 2015 12:38

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	53812		
198	95.2	75.4	113.2	
200	35.5	25.0	37.4	

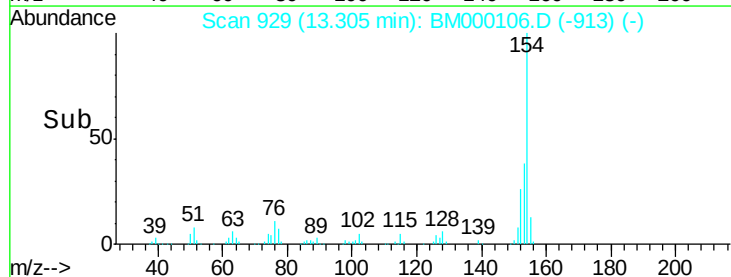
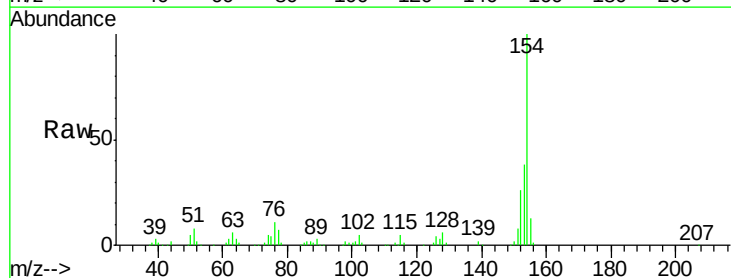
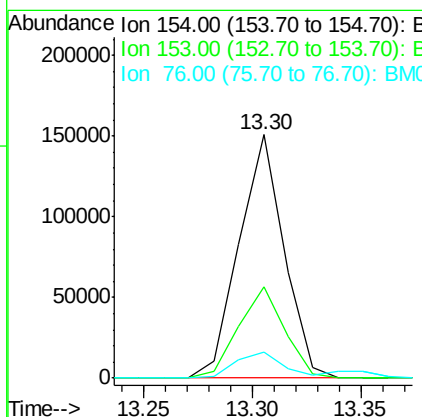
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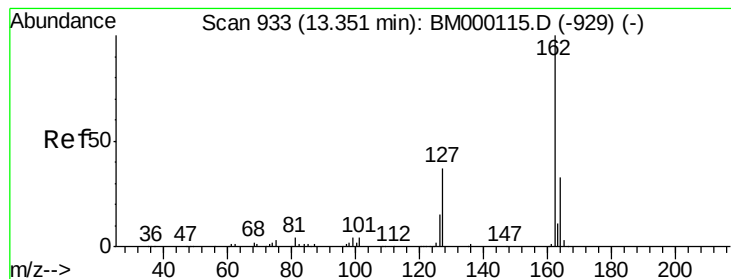
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#40
 1,1'-Biphenyl
 Concen: 3.15 ng/ul
 RT: 13.30 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BM000106.D
 Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	217009		
153	37.6	30.5	45.7	
76	10.9	8.9	13.3	





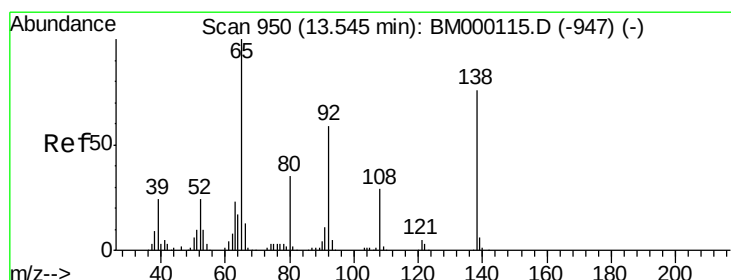
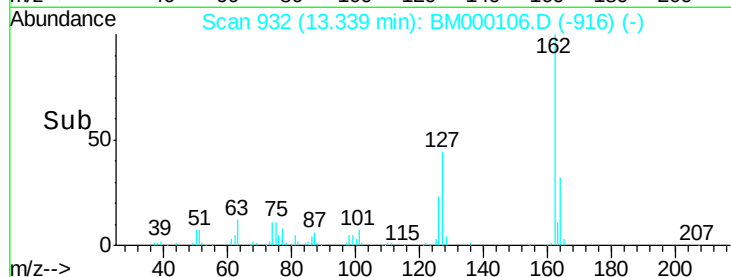
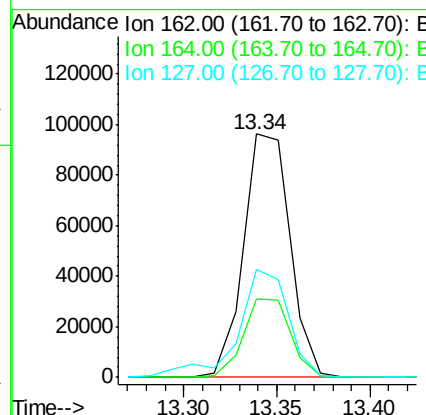
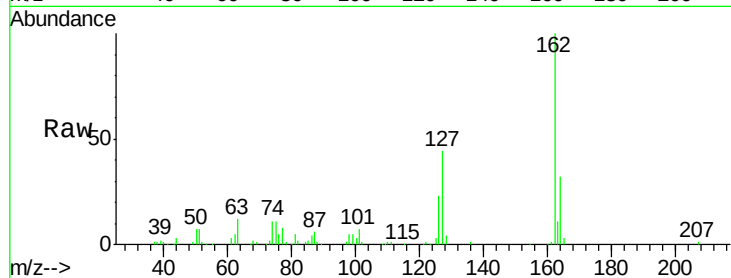
#41
 2-Chloronaphthalene
 Concen: 3.15 ng/ul
 RT: 13.34 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: BM000106.D
 Acq: 02 Jan 2015 12:38

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.0	25.8	38.6
127	44.4	35.9	53.9

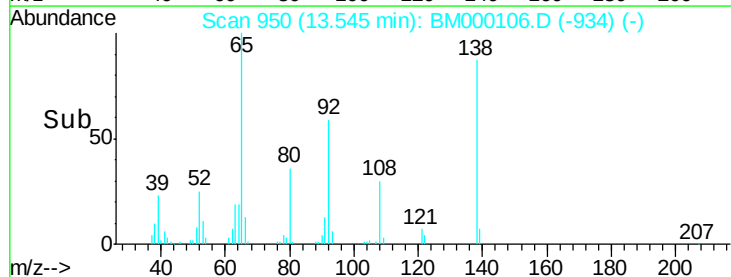
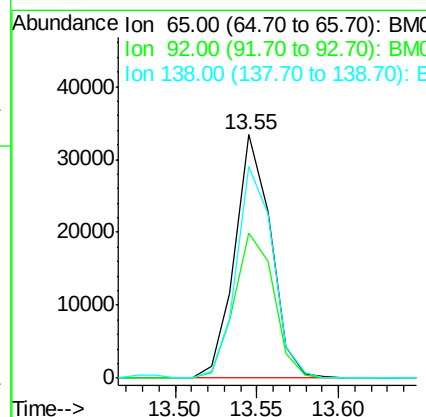
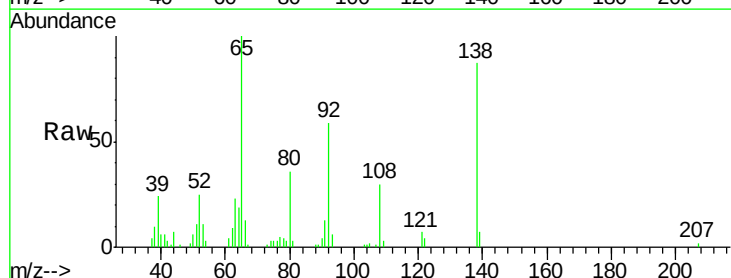
Manual Integrations
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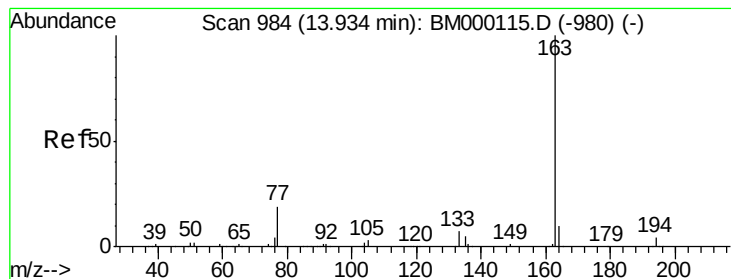
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#42
 2-Nitroaniline
 Concen: 3.00 ng/ul
 RT: 13.55 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BM000106.D
 Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.4	50.4	75.6
138	86.7	66.9	100.3





#44

Dimethylphthalate

Concen: 3.38 ng/ul

RT: 13.92 min Scan# 983

Delta R.T. -0.01 min

Lab File: BM000106.D

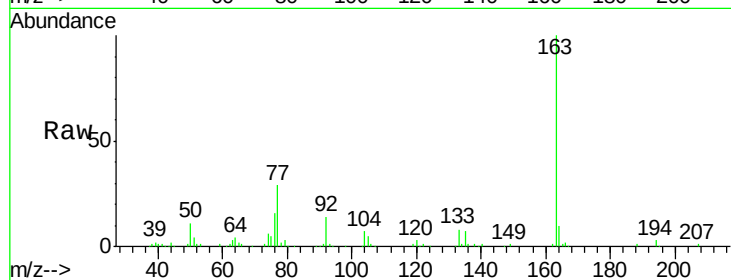
Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

MDL-04-S-ML



Tgt Ion:163 Resp: 237776

Ion Ratio Lower Upper

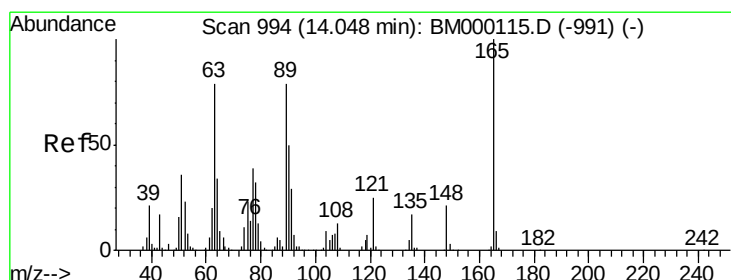
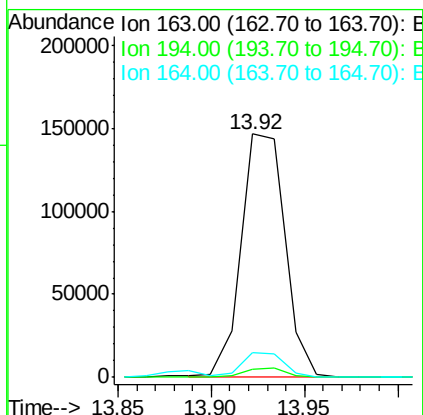
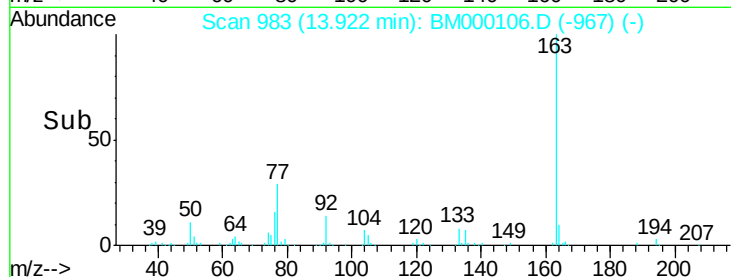
163 100

194 3.5 3.0 4.4

164 10.2 8.5 12.7

Manual Integrations
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#45

2,6-Dinitrotoluene

Concen: 3.21 ng/ul

RT: 14.05 min Scan# 994

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

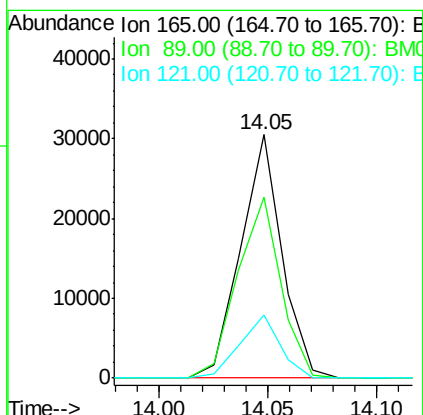
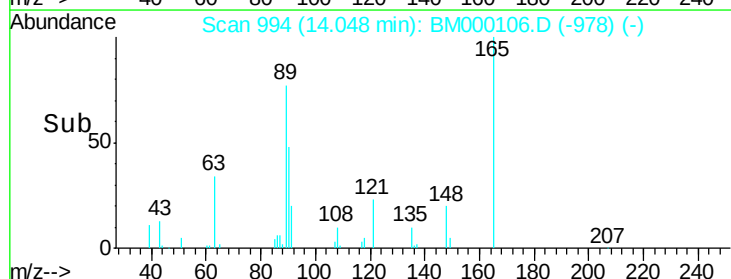
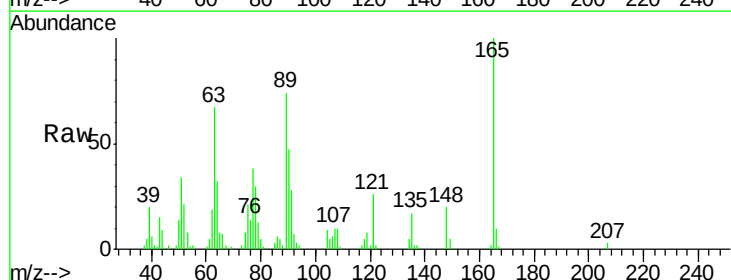
Tgt Ion:165 Resp: 40317

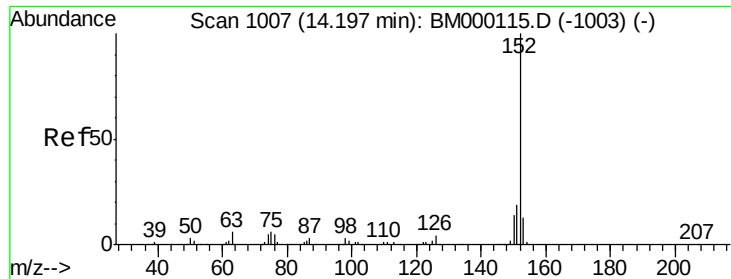
Ion Ratio Lower Upper

165 100

89 74.1 54.4 81.6

121 26.0 18.6 28.0





#47

Acenaphthylene

Concen: 3.03 ng/ul

RT: 14.20 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BM000106.D

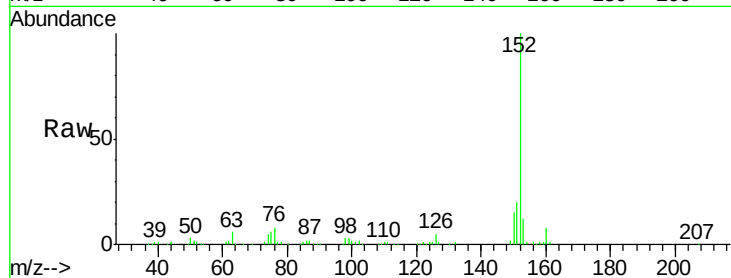
Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

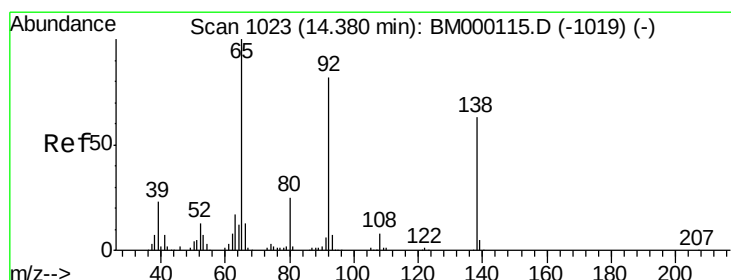
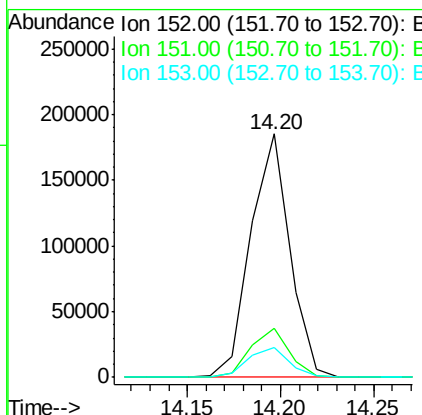
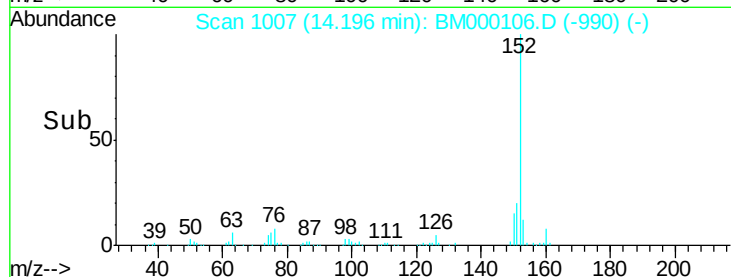
MDL-04-S-ML



Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.2
153	12.2	10.2	15.2

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#48

3-Nitroaniline

Concen: 3.28 ng/ul

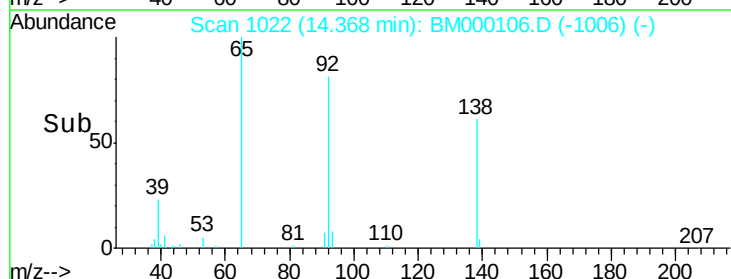
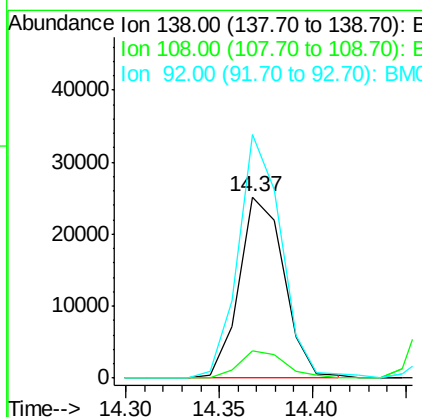
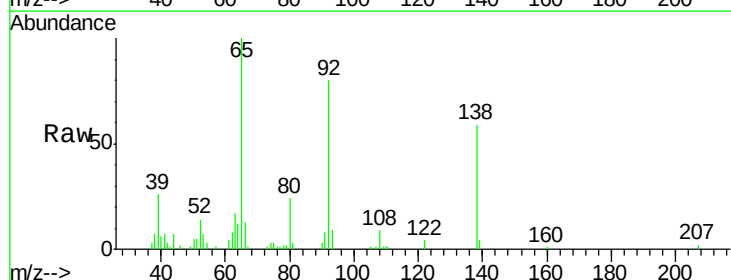
RT: 14.37 min Scan# 1022

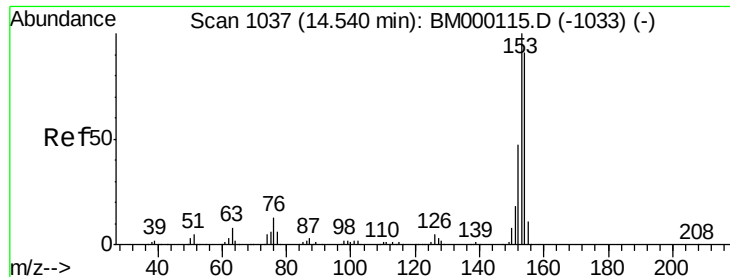
Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Lower	Upper
138	100		
108	15.3	11.2	16.8
92	134.4	110.6	165.8





#49

Acenaphthene

Concen: 3.16 ng/ul

RT: 14.54 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

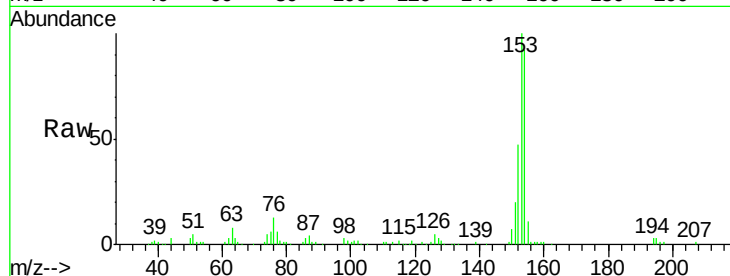
ClientSampleId :

MDL-04-S-ML

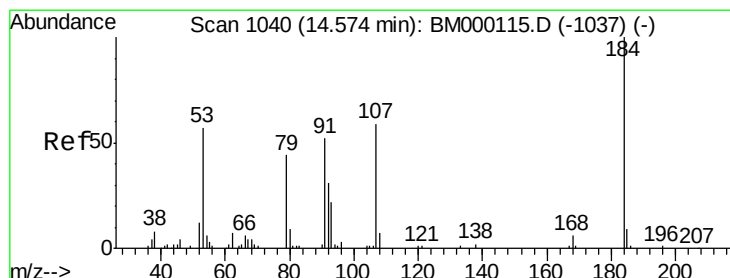
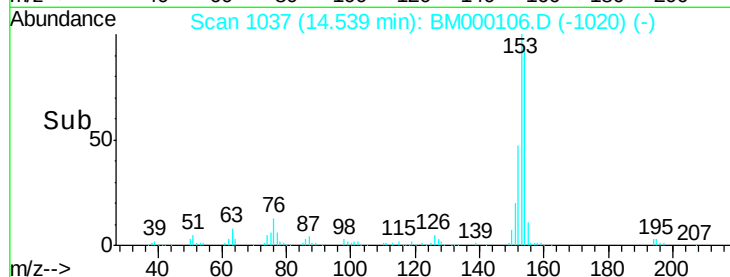
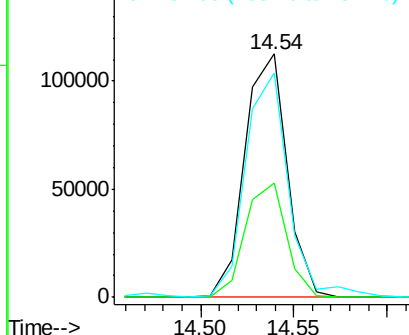
Tgt Ion:	153	Resp:	179418
Ion Ratio	Lower	Upper	
153	100		
152	46.8	37.5	56.3
154	92.1	72.2	108.4

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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: 1.45 ng/ul

RT: 14.57 min Scan# 1040

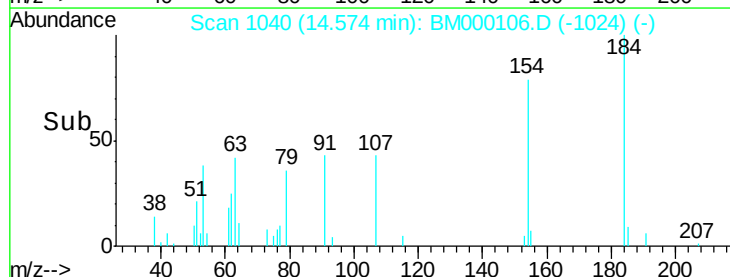
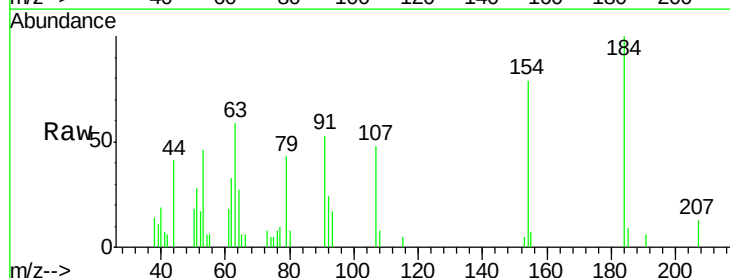
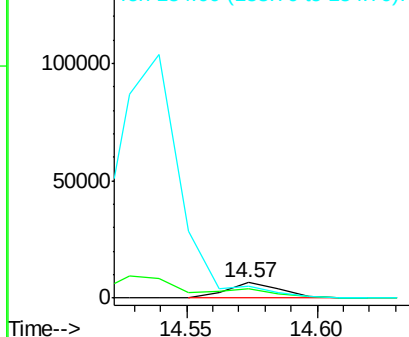
Delta R.T. -0.01 min

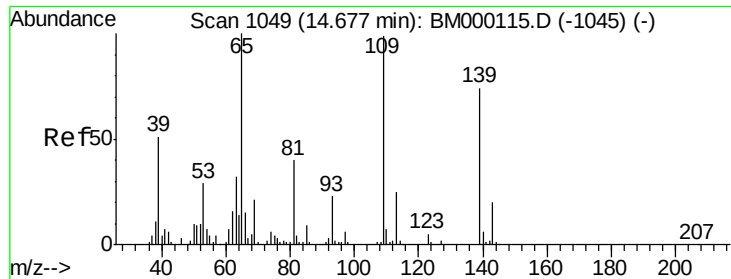
Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Tgt Ion:	184	Resp:	9281
Ion Ratio	Lower	Upper	
184	100		
63	58.7	56.1	84.1
154	78.8	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





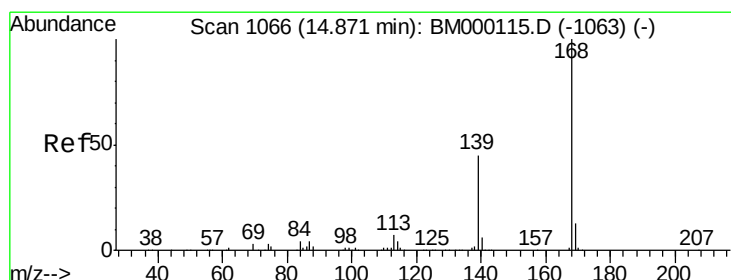
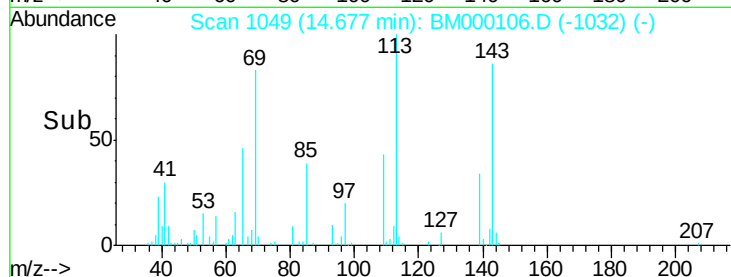
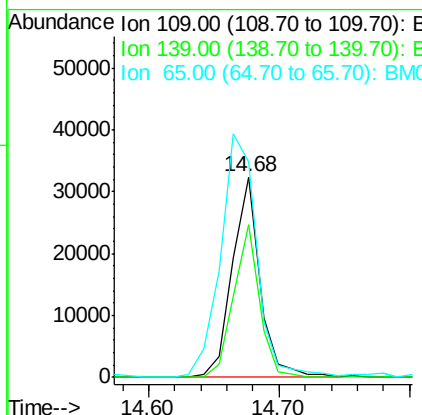
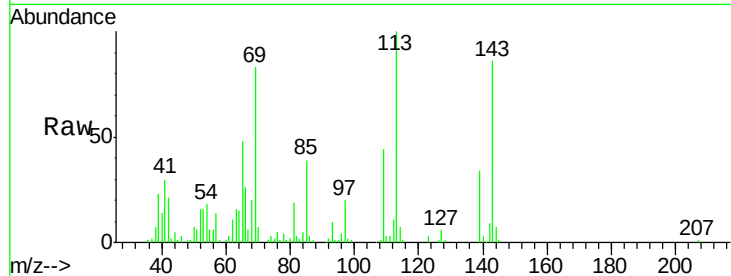
#52
4-Nitrophenol
Concen: 3.14 ng/ul
RT: 14.68 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	47575		
139	75.9	62.5	93.7	
65	107.7	88.7	133.1	

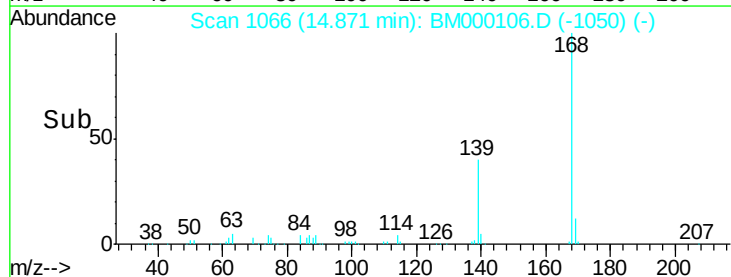
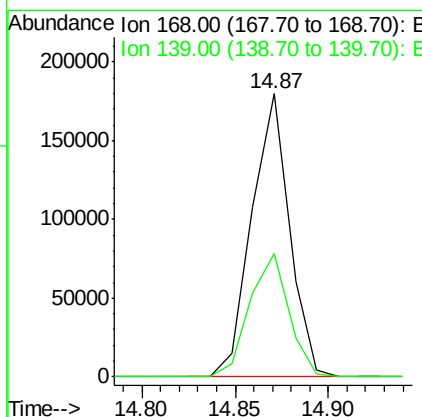
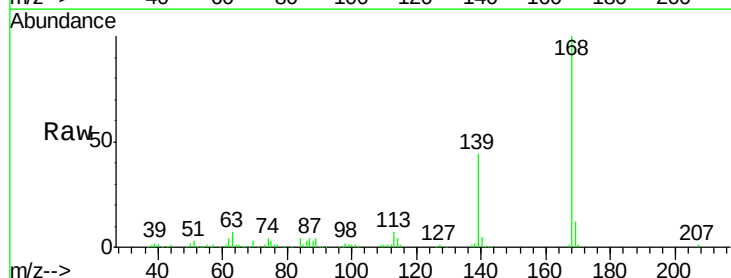
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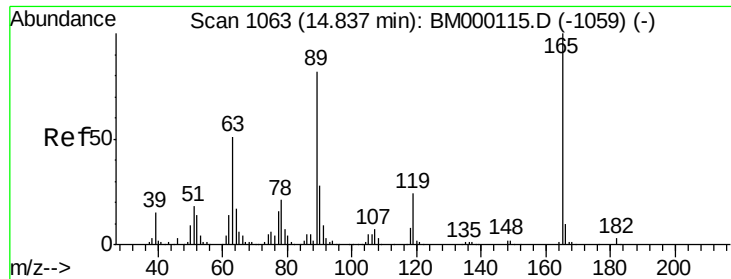
TEJASKUMAR
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#53
Dibenzofuran
Concen: 3.08 ng/ul
RT: 14.87 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	253309		
139	43.7	33.6	50.4	





#54

2,4-Dinitrotoluene

Concen: 3.26 ng/ul

RT: 14.83 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

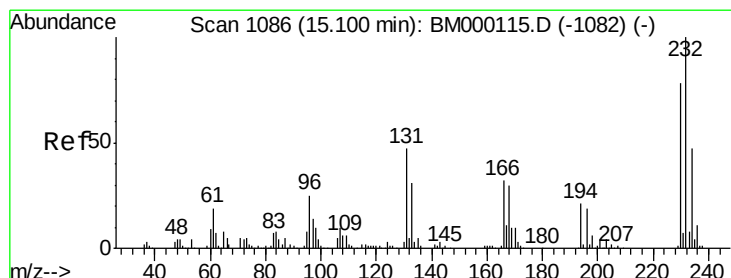
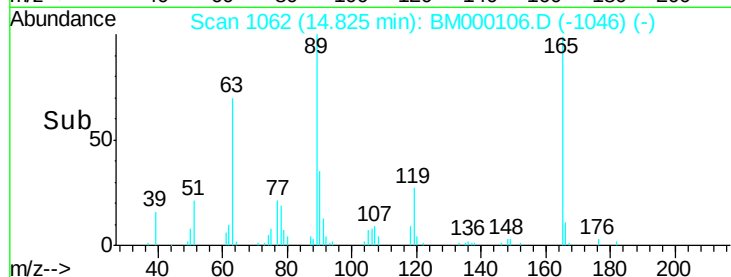
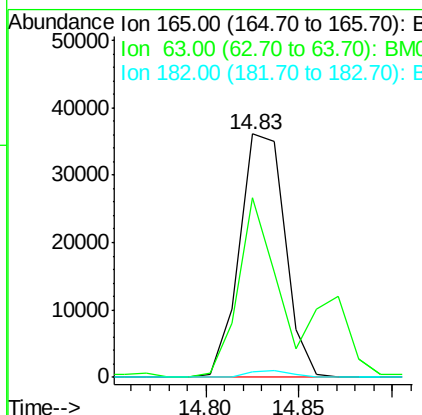
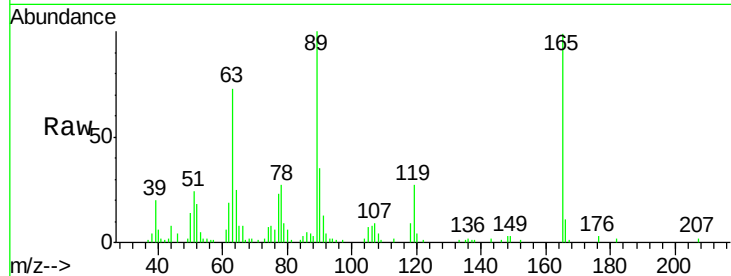
ClientSampleId :

MDL-04-S-ML

Tgt Ion:	165	Resp:	61123
Ion Ratio	Lower	Upper	
165	100		
63	74.0	48.8	73.2#
182	2.5	2.1	3.1

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#55

2,3,4,6-Tetrachlorophenol

Concen: 2.83 ng/ul

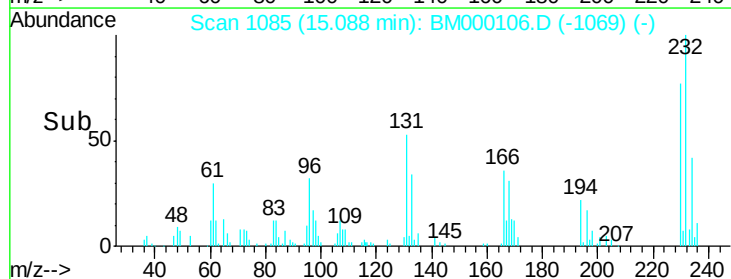
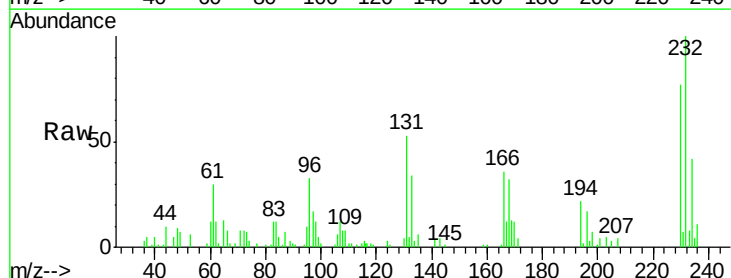
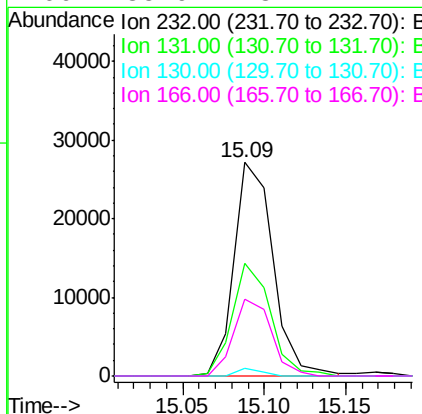
RT: 15.09 min Scan# 1085

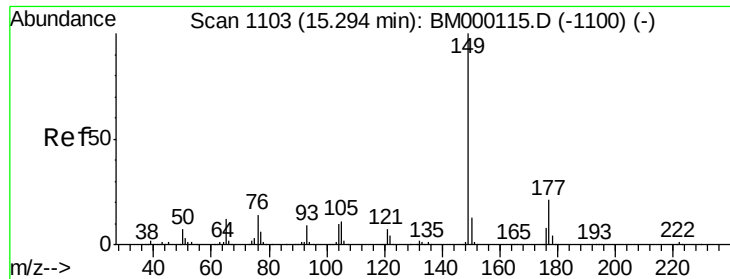
Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Tgt Ion:	232	Resp:	44910
Ion Ratio	Lower	Upper	
232	100		
131	52.5	43.4	65.0
130	3.7	2.7	4.1
166	35.9	28.2	42.4





#56

Diethylphthalate

Concen: 3.25 ng/ul

RT: 15.29 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

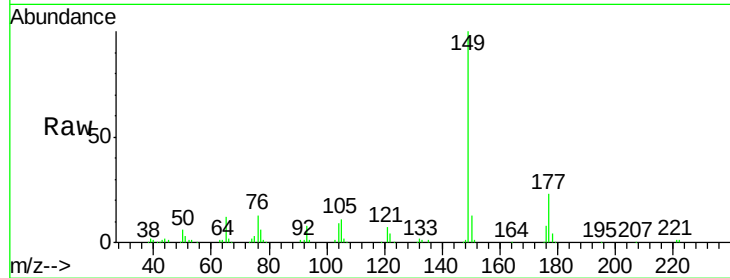
ClientSampleId :

MDL-04-S-ML

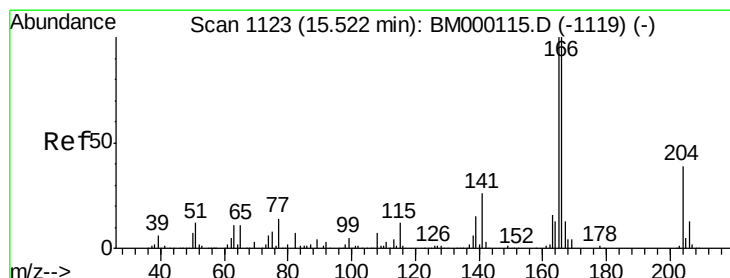
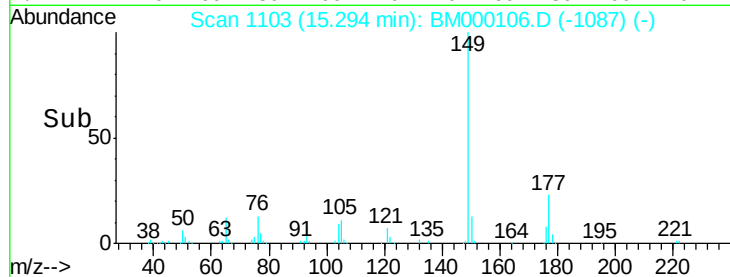
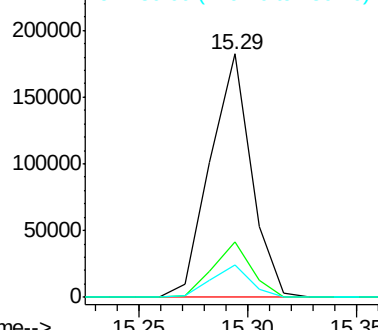
Tgt Ion:	149	Resp:	239821
Ion Ratio	Lower	Upper	
149	100		
177	22.6	17.4	26.2
150	13.3	10.5	15.7

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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: 3.09 ng/ul

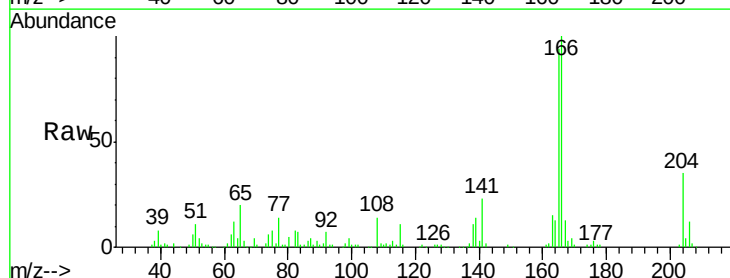
RT: 15.52 min Scan# 1123

Delta R.T. -0.00 min

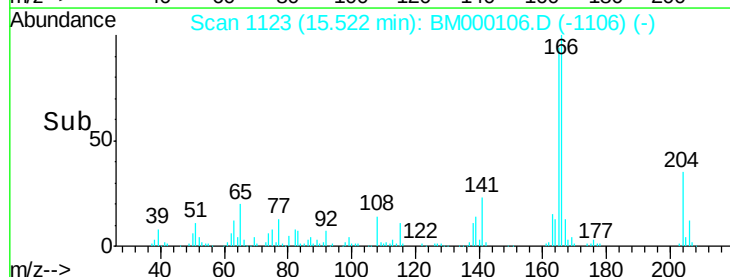
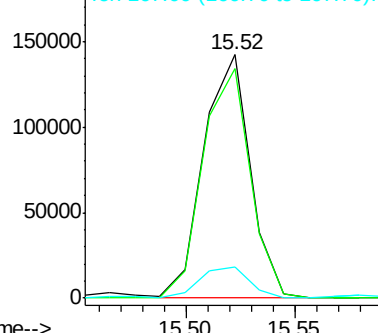
Lab File: BM000106.D

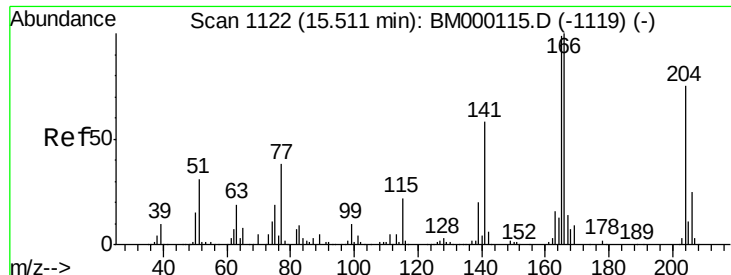
Acq: 02 Jan 2015 12:38

Tgt Ion:	166	Resp:	210553
Ion Ratio	Lower	Upper	
166	100		
165	94.1	76.0	114.0
167	13.0	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





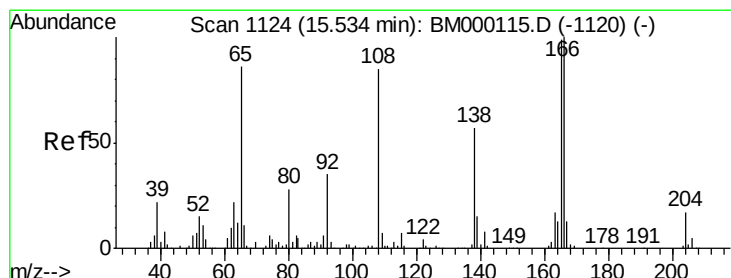
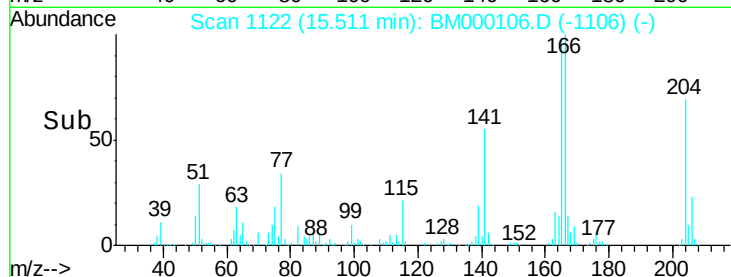
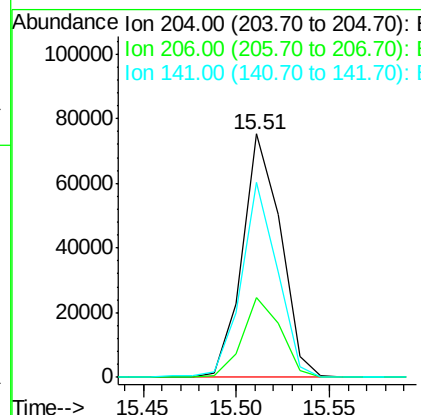
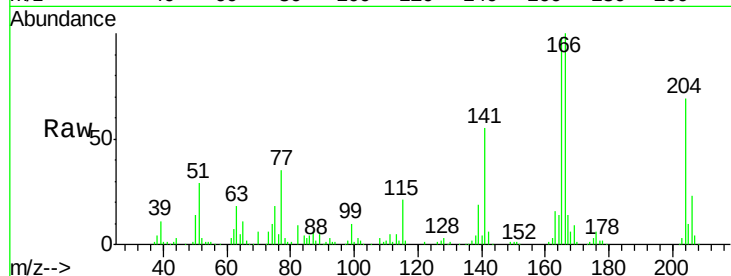
#59
 4-Chlorophenyl-phenylether
 Concen: 3.19 ng/ul
 RT: 15.51 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BM000106.D
 Acq: 02 Jan 2015 12:38

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	107343		
206	32.8	25.8	38.8	
141	79.9	61.3	91.9	

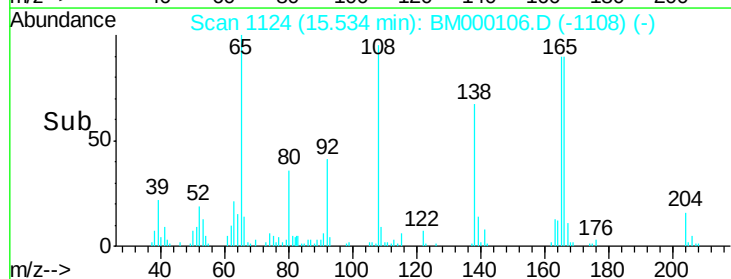
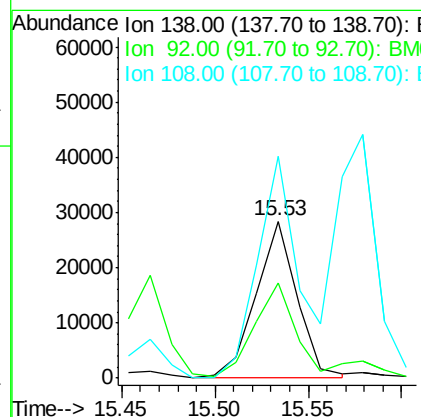
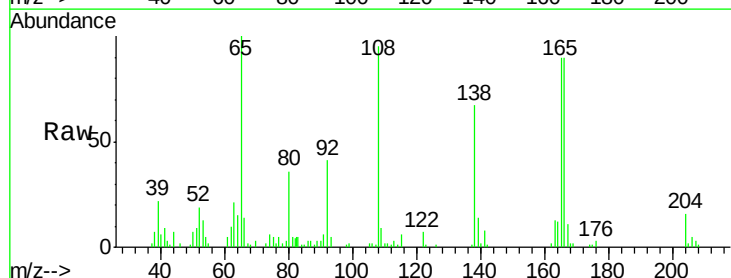
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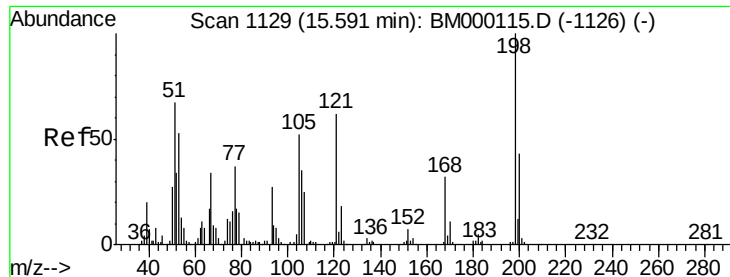
TEJASKUMAR
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#60
 4-Nitroaniline
 Concen: 3.01 ng/ul
 RT: 15.53 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BM000106.D
 Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	43699		
92	60.5	49.3	73.9	
108	141.2	110.3	165.5	





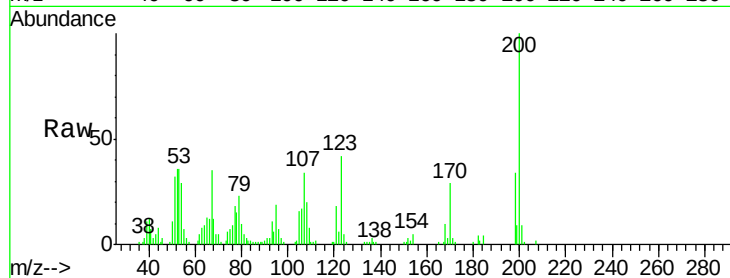
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.51 ng/ul
 RT: 15.59 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM000106.D
 Acq: 02 Jan 2015 12:38

Instrument :
 BNA_M
 ClientSampled :
 MDL-04-S-ML

Tgt Ion	Ratio	Lower	Upper
198	100		
182	11.2	2.6	4.0#
77	51.4	25.2	37.8#

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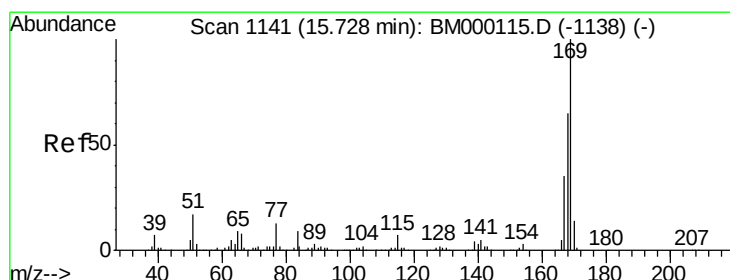
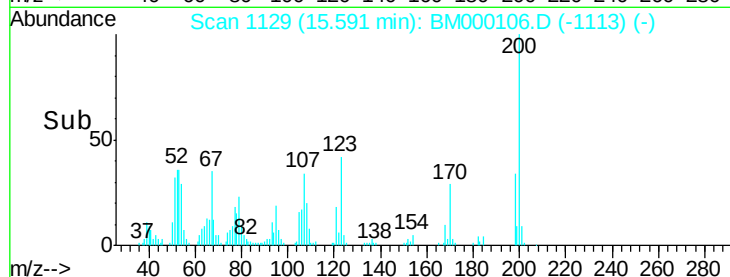
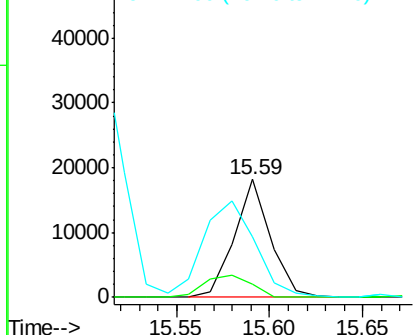


Abundance

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): BM



#64
 N-Nitrosodiphenylamine
 Concen: 3.21 ng/ul
 RT: 15.73 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BM000106.D
 Acq: 02 Jan 2015 12:38

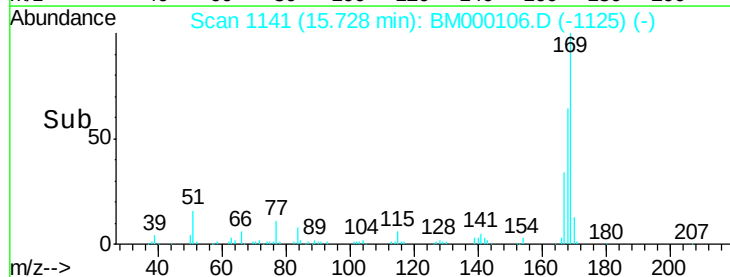
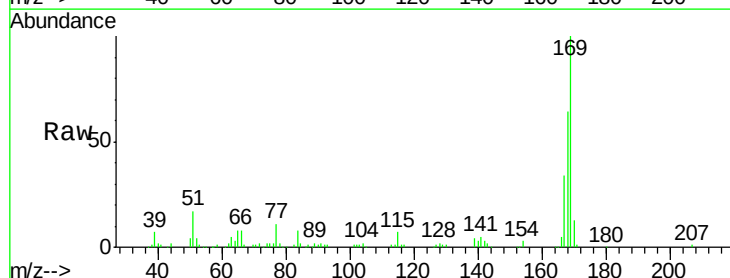
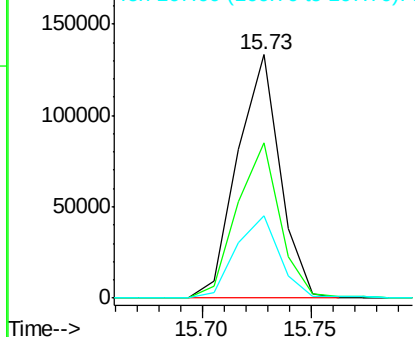
Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.6	51.8	77.6
167	33.9	28.1	42.1

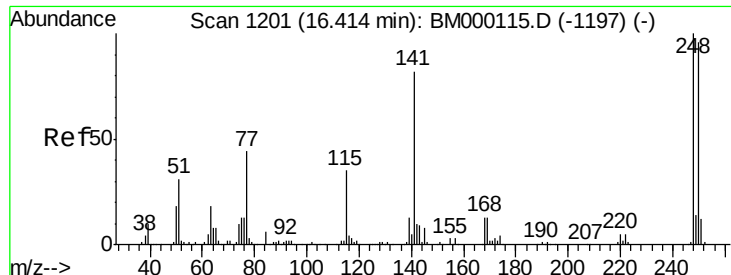
Abundance

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: 3.11 ng/ul

RT: 16.40 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

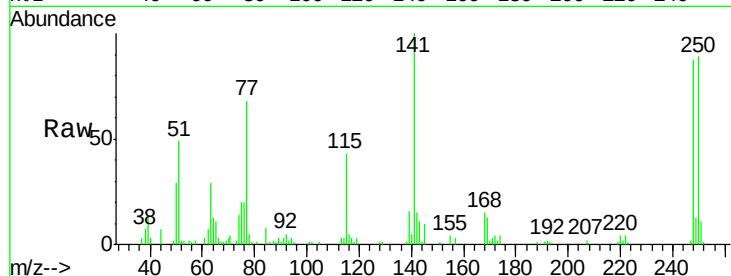
ClientSampleId :

MDL-04-S-ML

Tgt Ion	Ratio	Lower	Upper
248	100		
250	102.1	78.4	117.6
141	115.4	67.0	100.4

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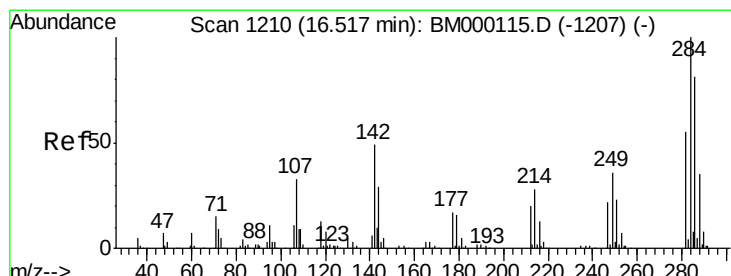
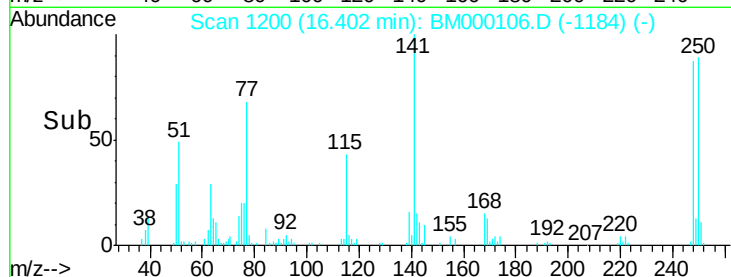
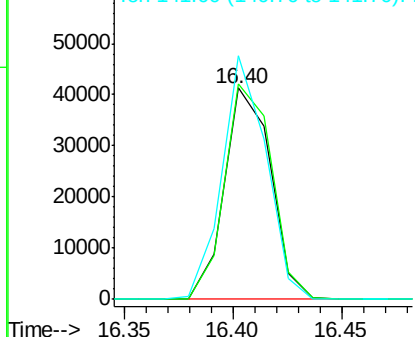


Abundance

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: 3.22 ng/ul

RT: 16.52 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

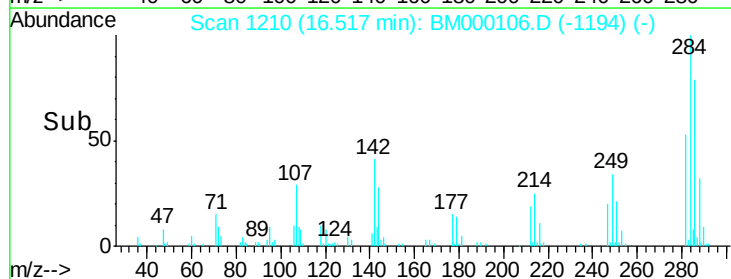
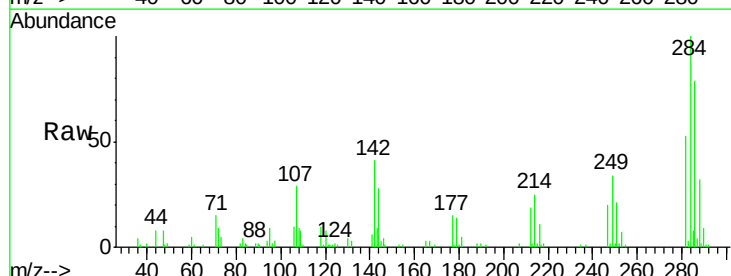
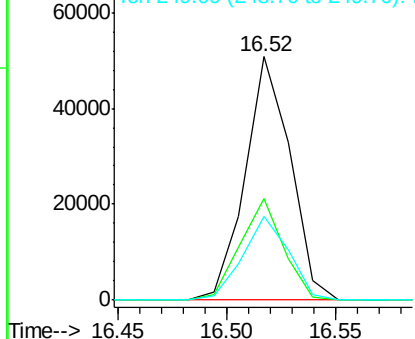
Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.4	32.4	48.6
249	34.3	26.7	40.1

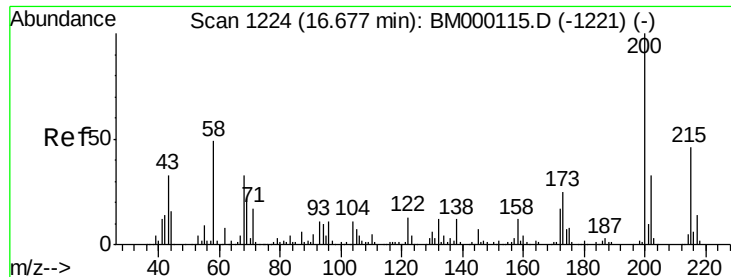
Abundance

Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





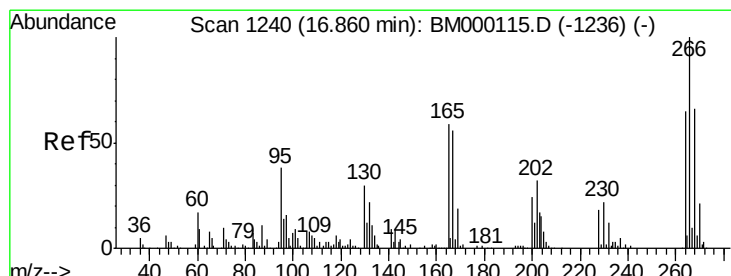
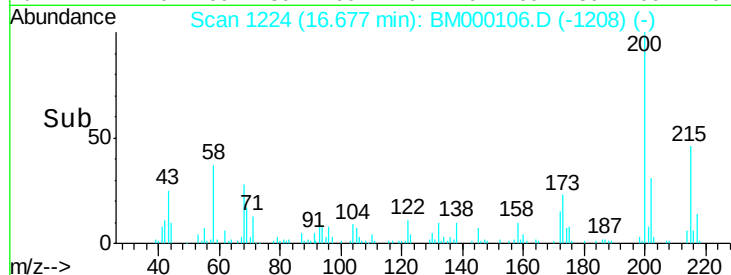
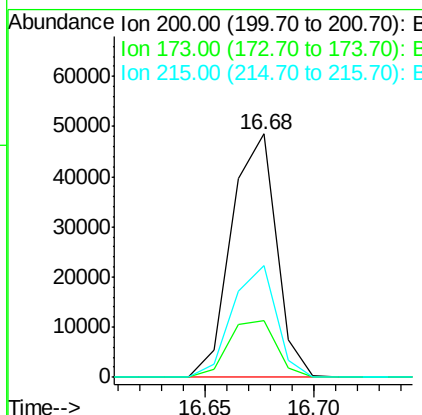
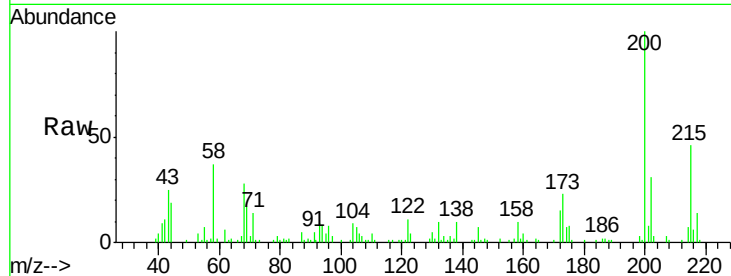
#67
Atrazine
Concen: 3.14 ng/ul
RT: 16.68 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.3	19.5	29.3
215	45.8	36.6	54.8

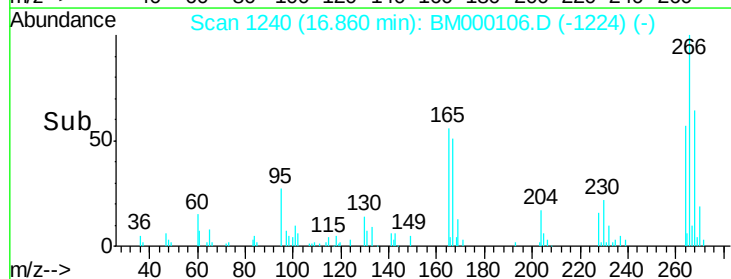
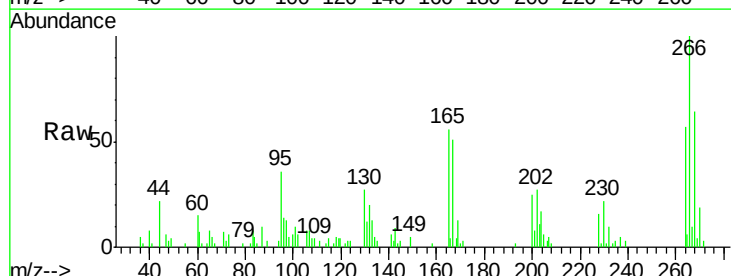
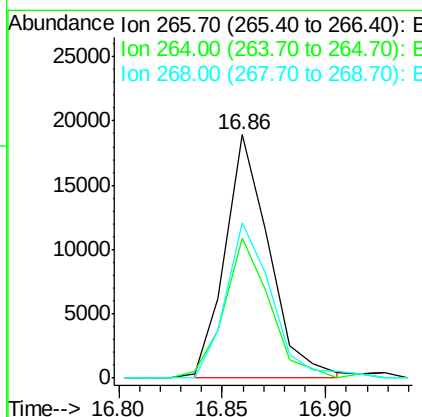
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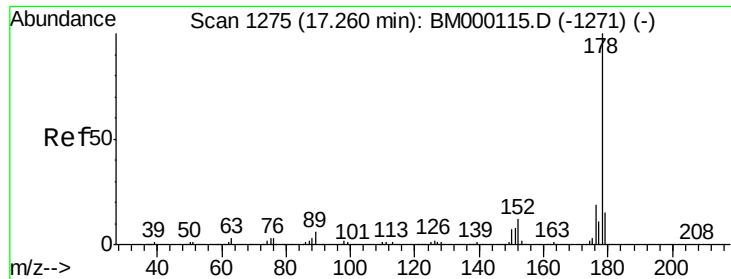
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#68
Pentachlorophenol
Concen: 2.02 ng/ul m
RT: 16.86 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	57.3	49.8	74.6
268	63.6	48.2	72.4





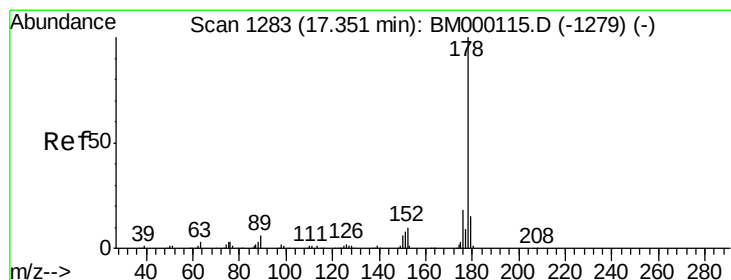
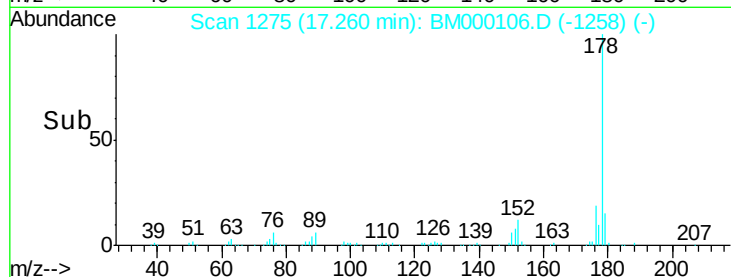
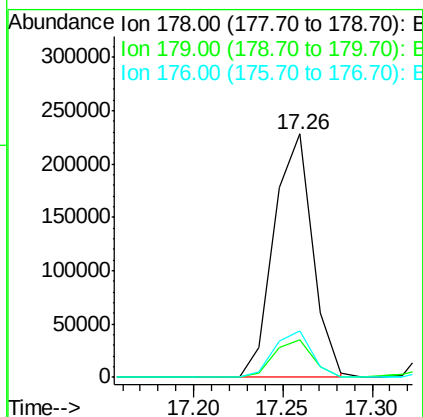
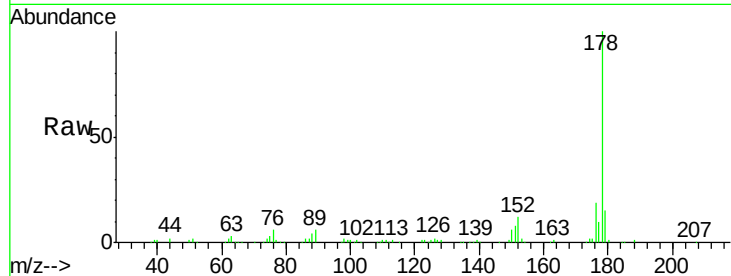
#69
Phenanthrene
Concen: 3.28 ng/ul m
RT: 17.26 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.6	17.4
176	19.1	14.6	22.0

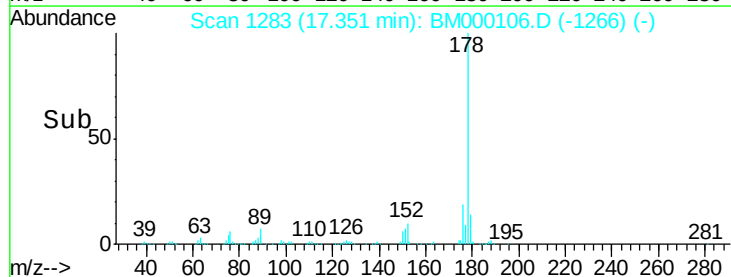
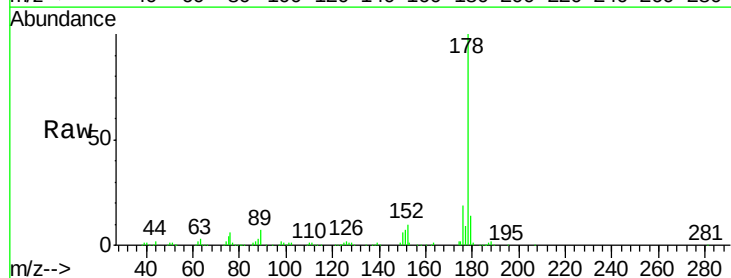
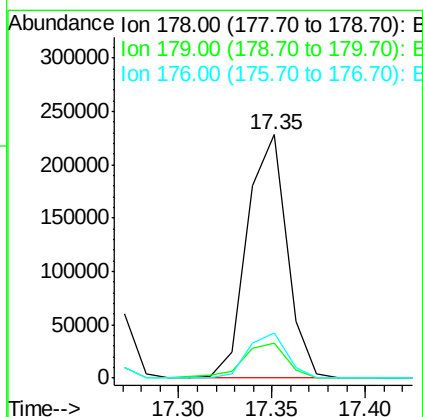
Manual Integrations
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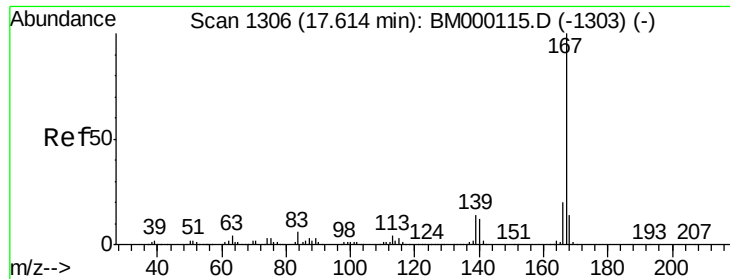
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#71
Anthracene
Concen: 3.10 ng/ul
RT: 17.35 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.6	18.8
176	18.7	14.6	21.8





#72

Carbazole

Concen: 3.19 ng/ul

RT: 17.61 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM000106.D

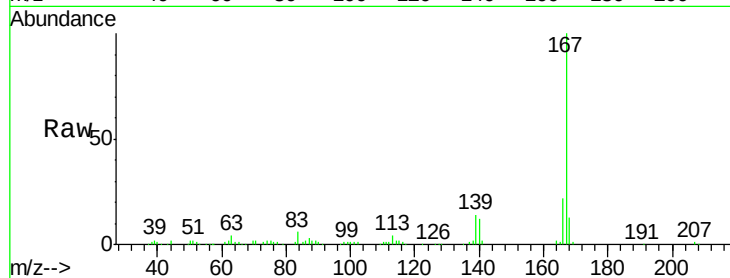
Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

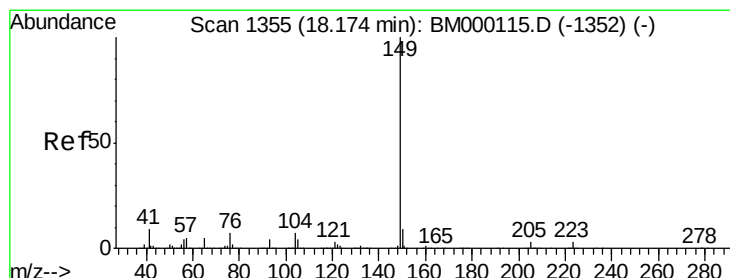
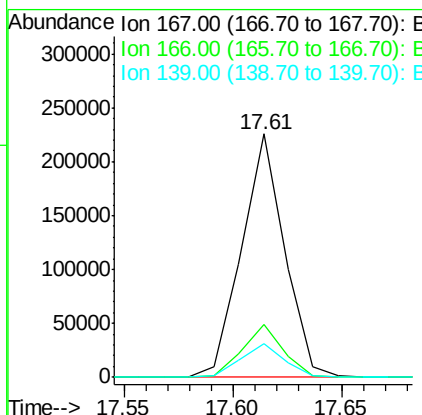
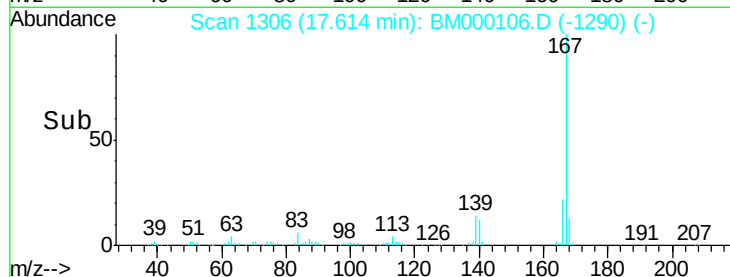
MDL-04-S-ML



Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	16.2	24.4
139	13.8	10.7	16.1

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#73

Di-n-butylphthalate

Concen: 3.31 ng/ul

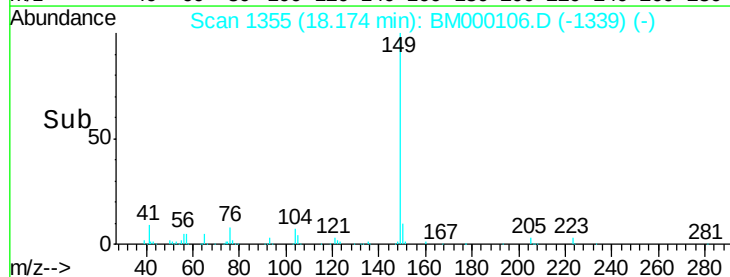
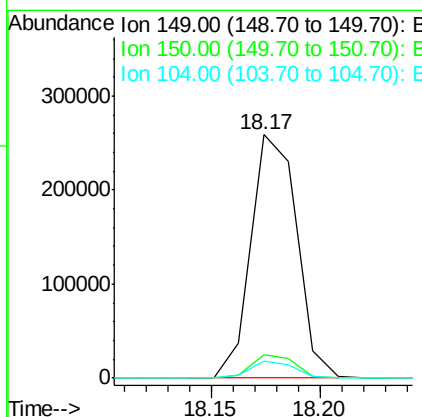
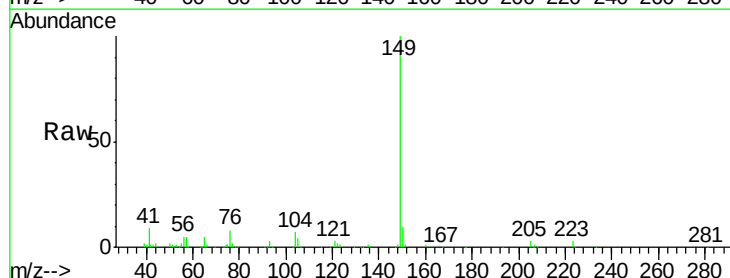
RT: 18.17 min Scan# 1355

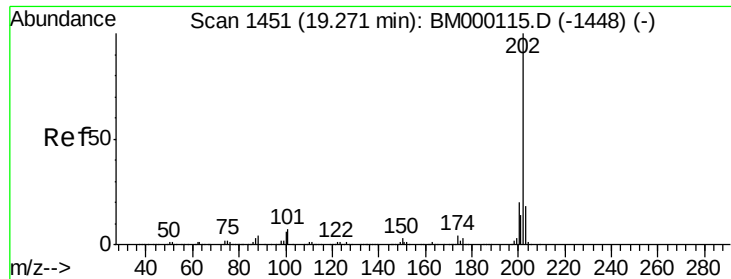
Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.1	10.7
104	7.1	4.8	7.2





#74

Fluoranthene

Concen: 3.21 ng/ul

RT: 19.27 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BM000106.D

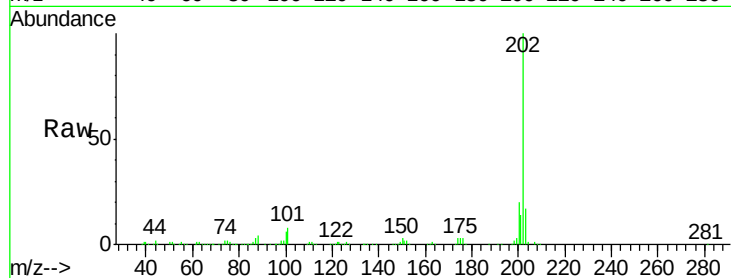
Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

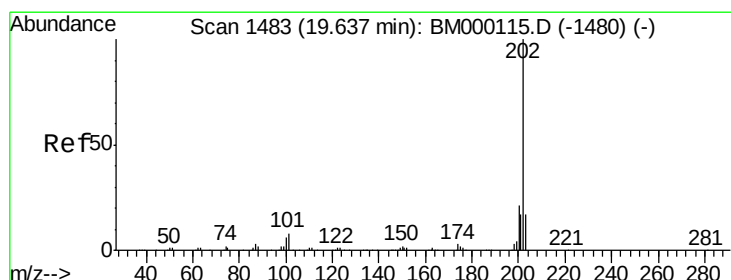
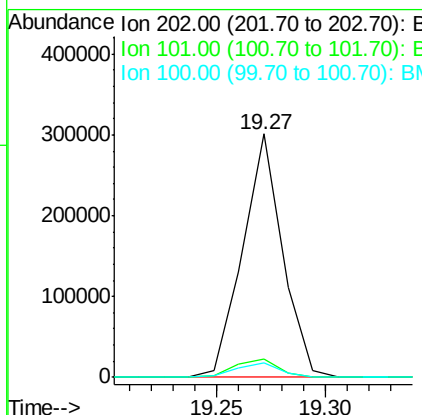
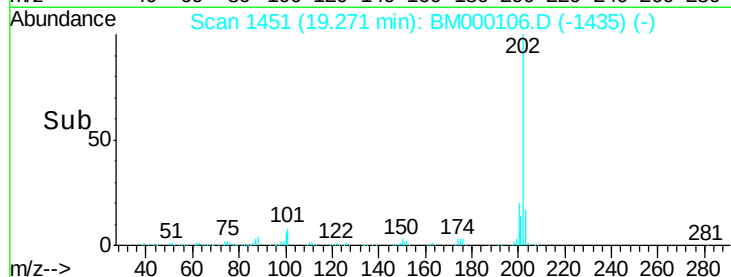
MDL-04-S-ML



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	385340		
101	7.6	6.4	9.6	
100	5.7	4.6	7.0	

Manual Integrations
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#77

Pyrene

Concen: 3.66 ng/ul

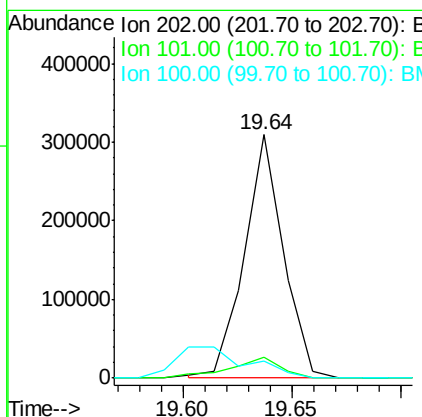
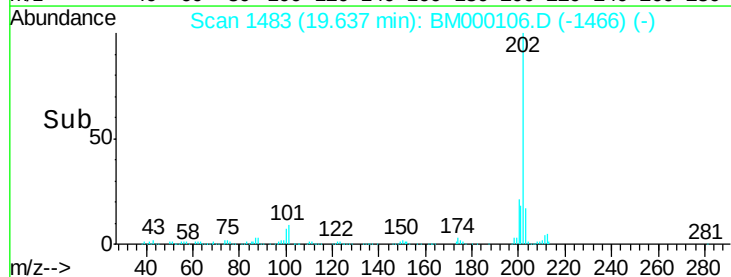
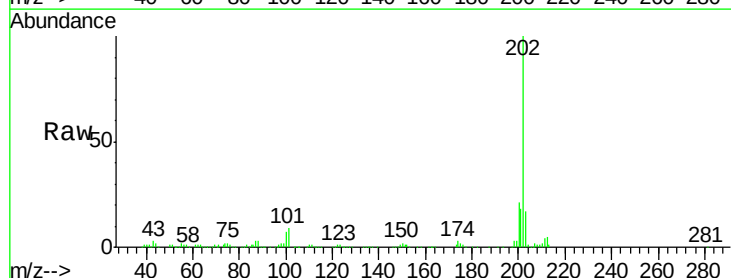
RT: 19.64 min Scan# 1483

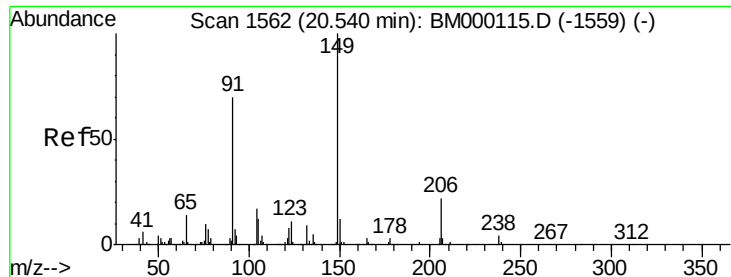
Delta R.T. -0.00 min

Lab File: BM000106.D

Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	383865		
101	8.6	6.9	10.3	
100	7.1	5.5	8.3	





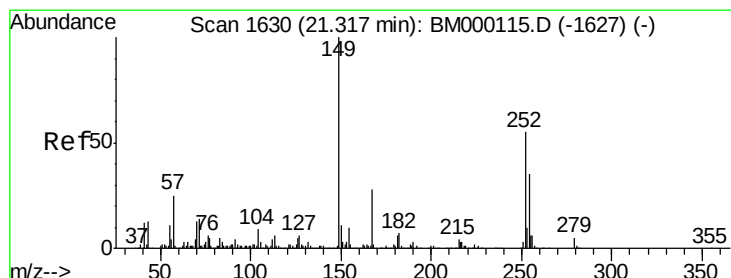
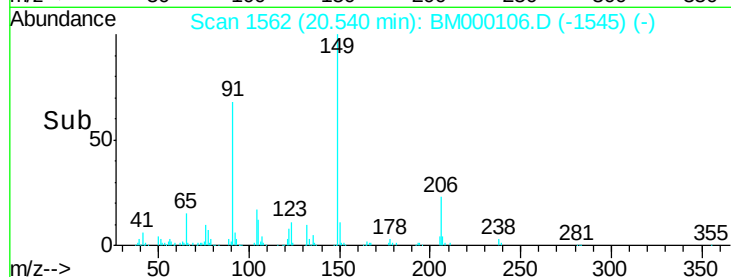
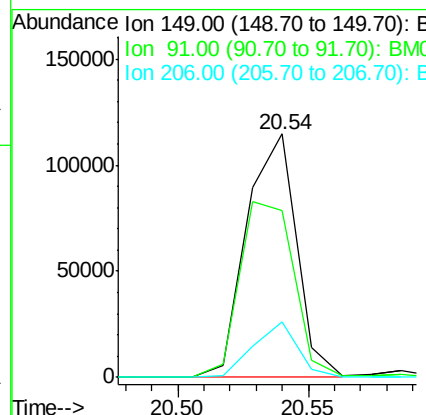
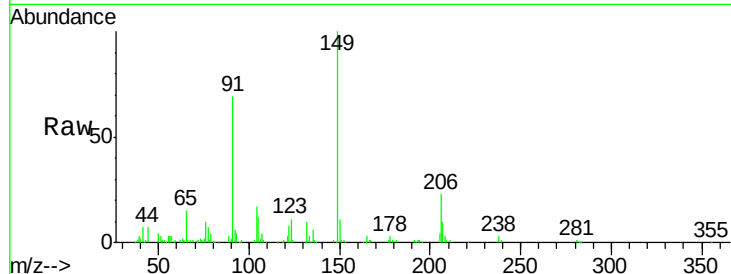
#78
Butylbenzylphthalate
Concen: 3.62 ng/ul
RT: 20.54 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	154157		
91	68.7	56.6	84.8	
206	22.6	16.8	25.2	

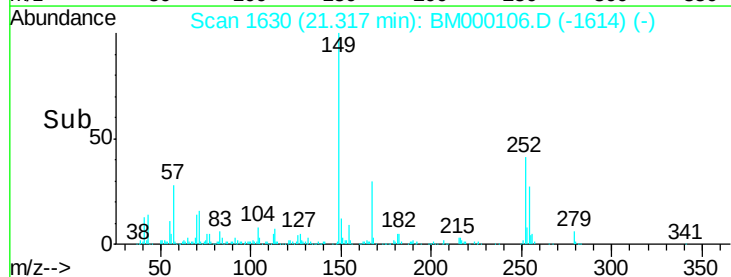
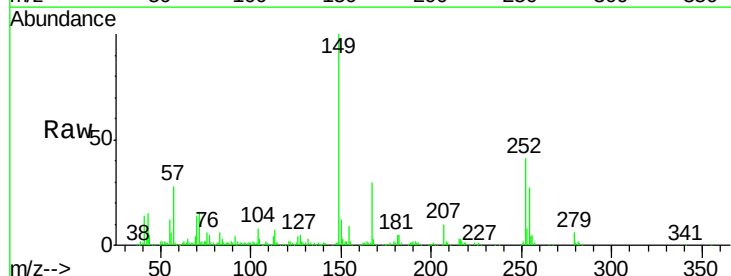
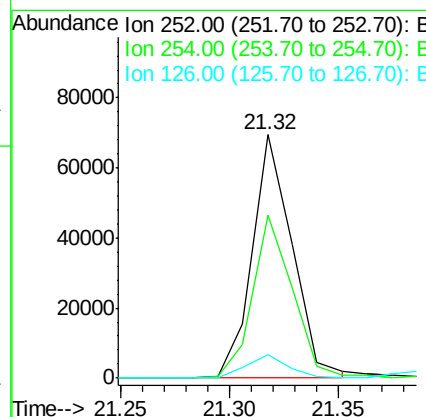
Manual Integrations
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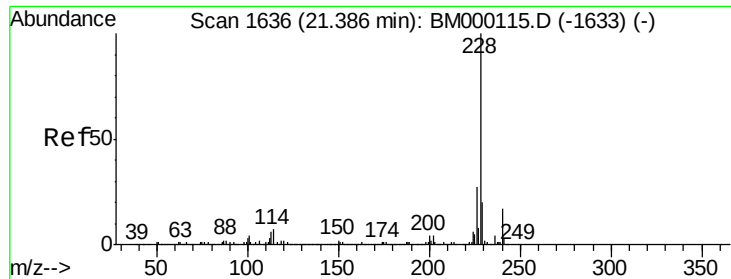
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#79
3,3'-Dichlorobenzidine
Concen: 2.81 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	89142		
254	66.8	51.2	76.8	
126	9.6	7.9	11.9	





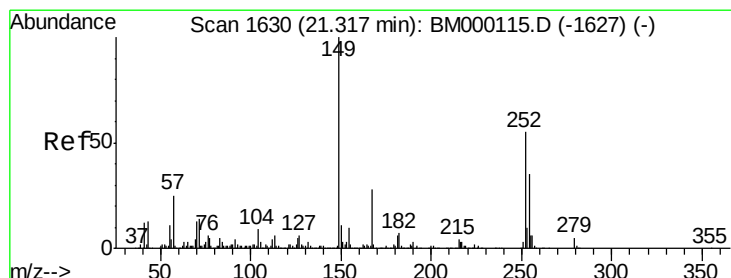
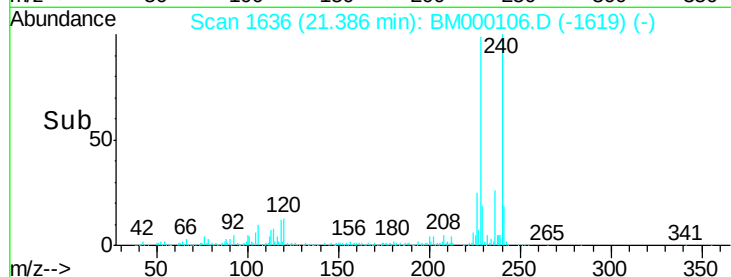
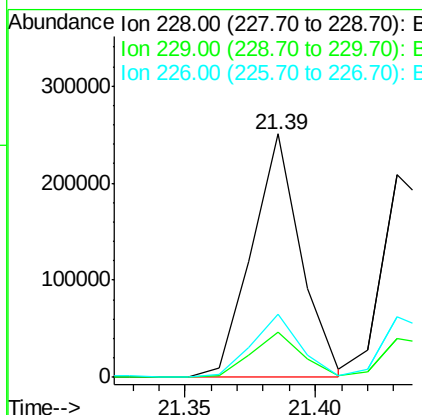
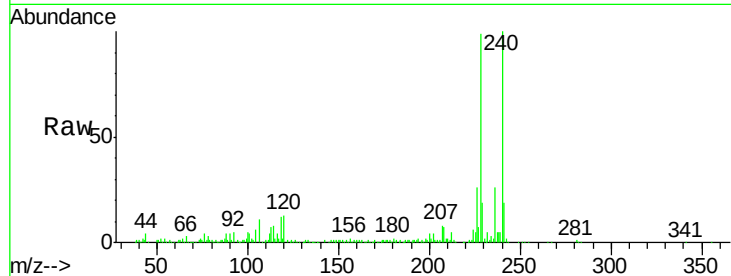
#80
Benzo(a)anthracene
Concen: 3.28 ng/ul
RT: 21.39 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.7	15.8	23.8
226	25.8	20.7	31.1

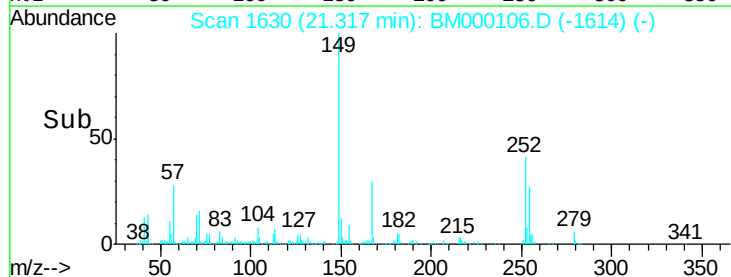
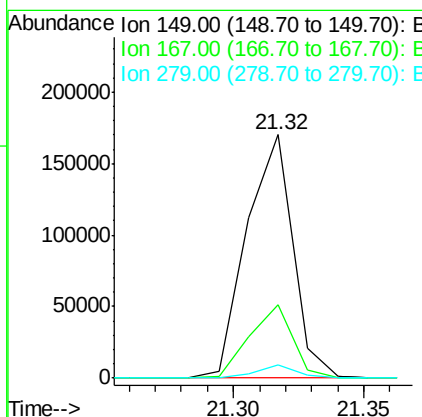
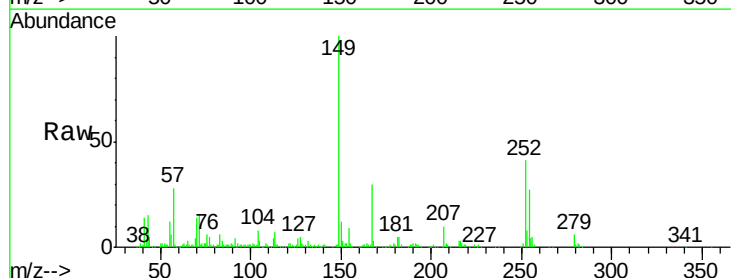
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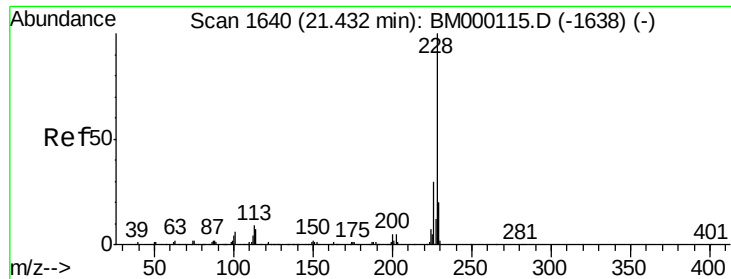
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#81
Bis(2-ethylhexyl)phthalate
Concen: 3.41 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.1	22.1	33.1
279	5.6	3.0	4.6#





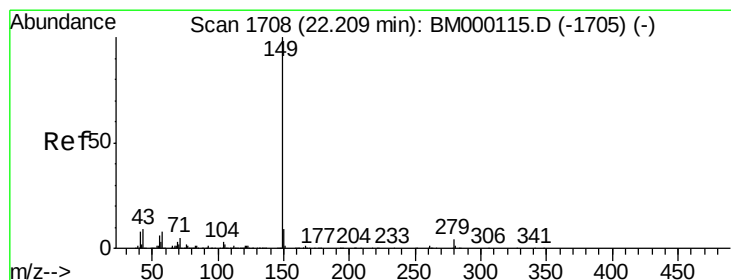
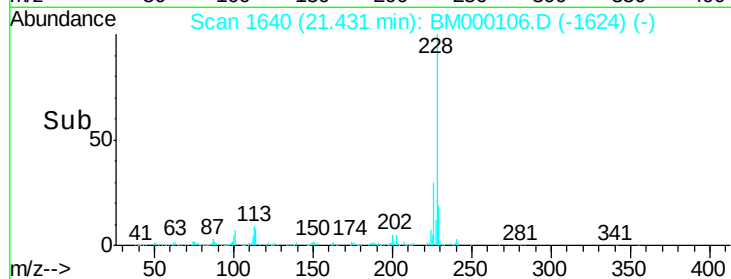
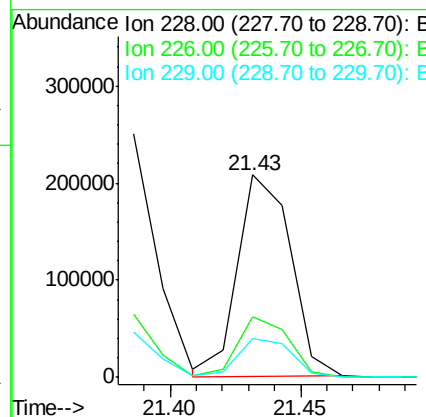
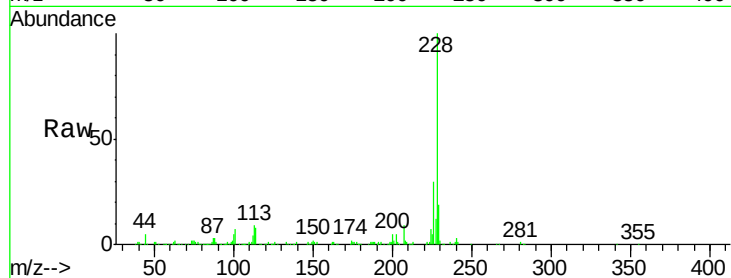
#82
Chrysene
Concen: 3.19 ng/ul
RT: 21.43 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	295380		
226	29.7	23.0	34.4	
229	18.9	15.6	23.4	

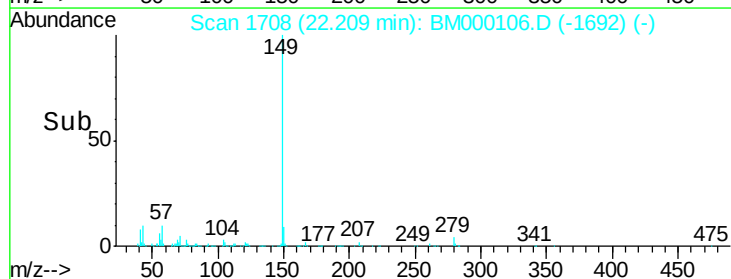
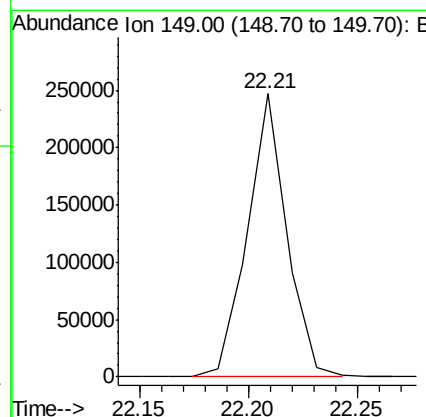
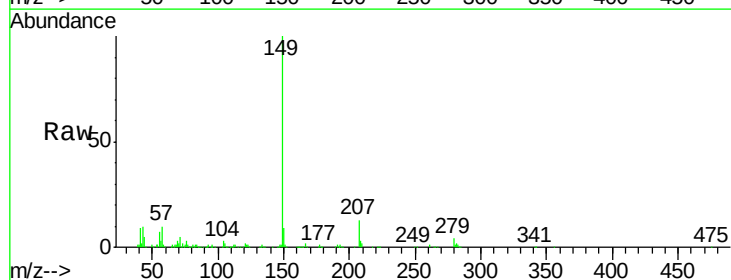
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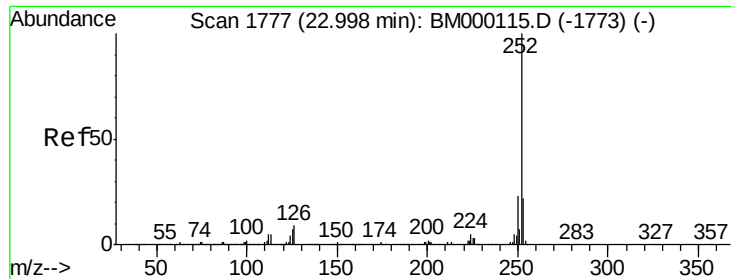
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#84
Di-n-octyl phthalate
Concen: 3.36 ng/ul
RT: 22.21 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Tgt Ion:149 Resp: 308154





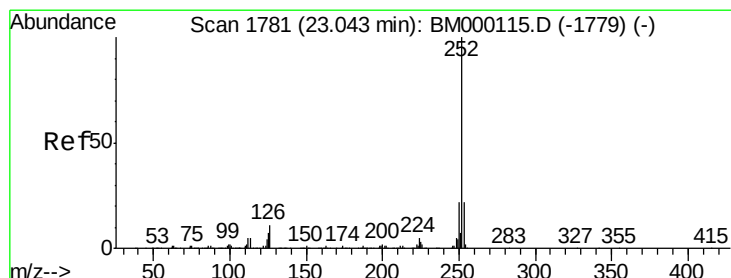
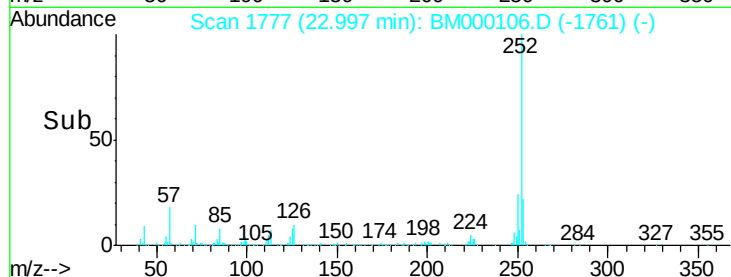
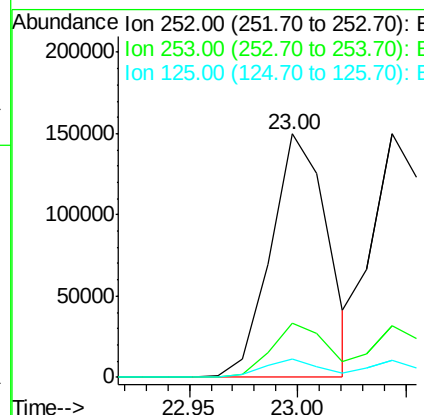
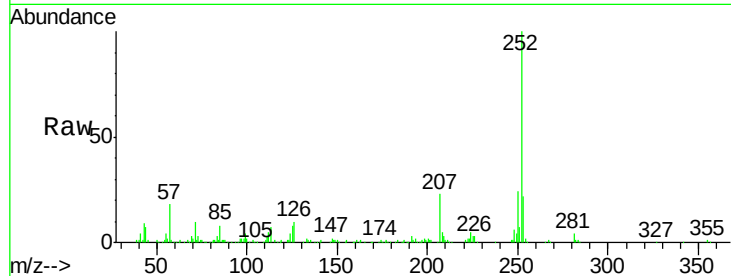
#85
Benzo(b)fluoranthene
Concen: 3.20 ng/ul
RT: 23.00 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.1	17.1	25.7
125	7.5	4.8	7.2#

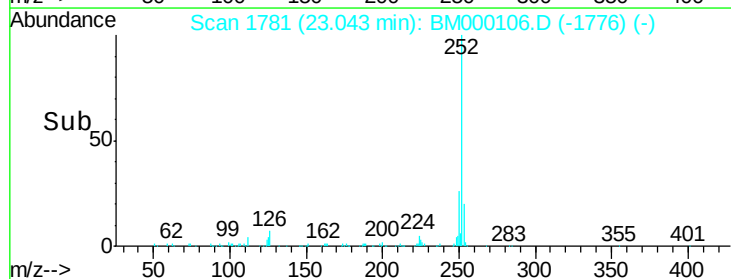
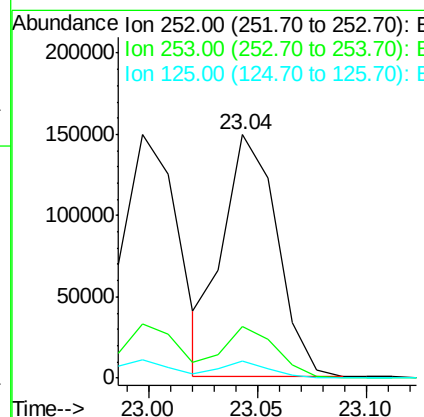
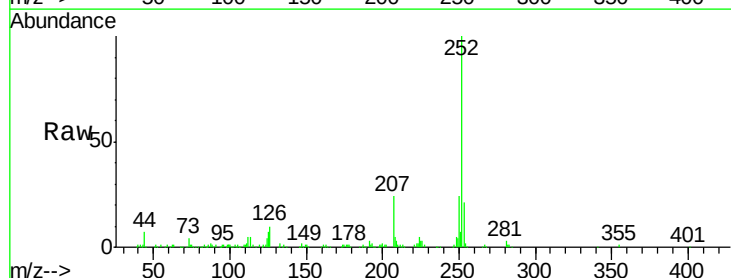
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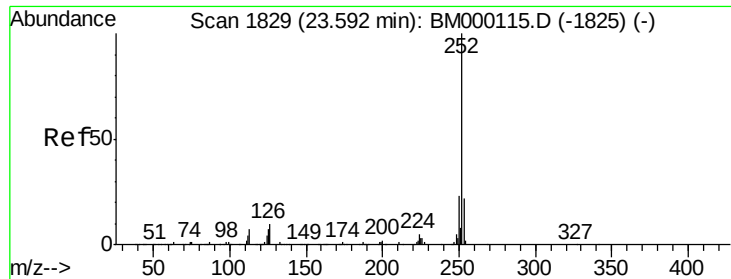
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#86
Benzo(k)fluoranthene
Concen: 3.52 ng/ul
RT: 23.04 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.0	17.2	25.8
125	6.9	4.9	7.3





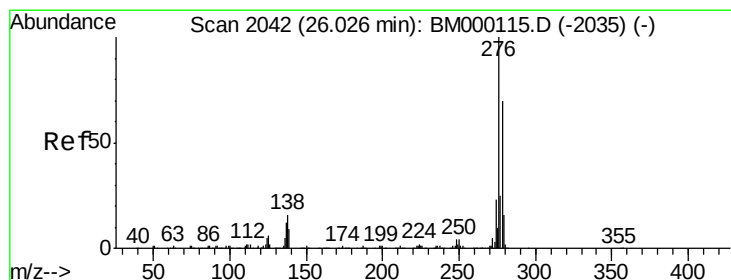
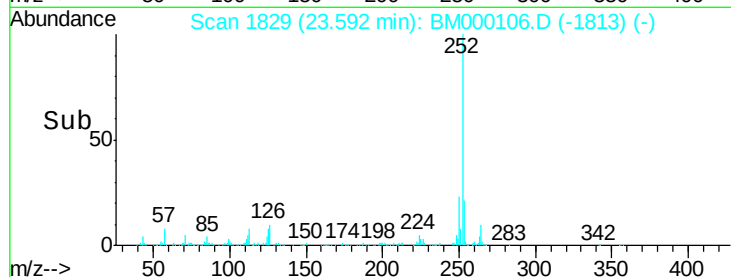
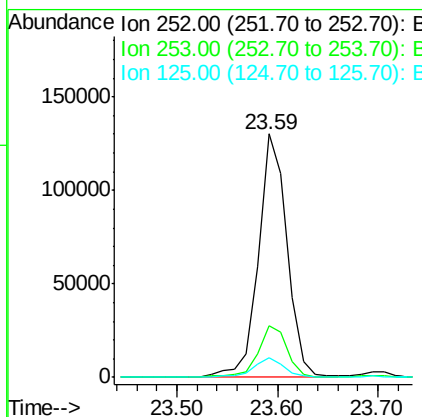
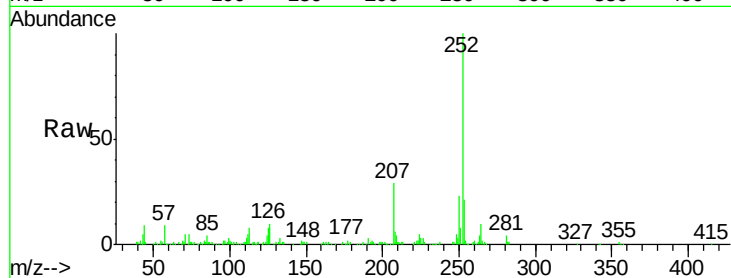
#88
Benzo(a)pyrene
Concen: 3.45 ng/ul
RT: 23.59 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.2	17.0	25.6
125	8.0	5.8	8.6

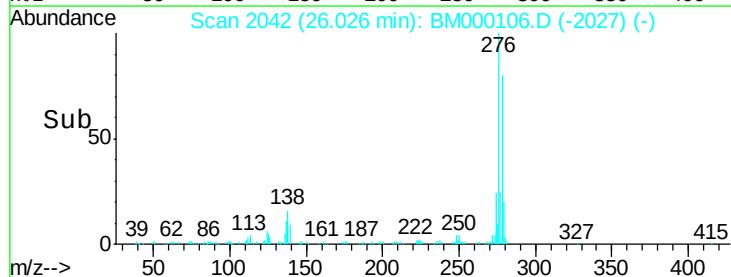
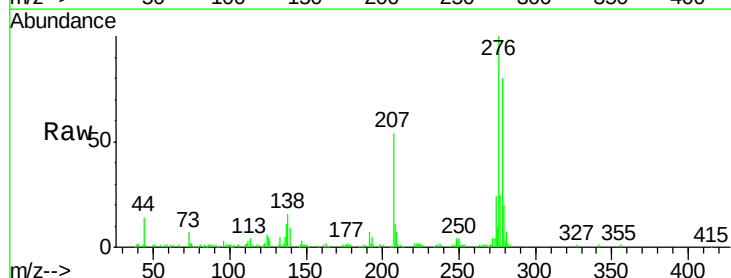
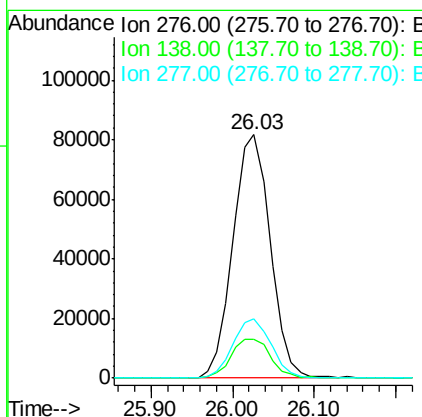
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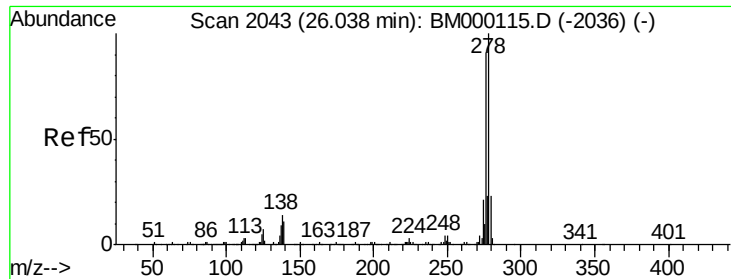
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.33 ng/ul
RT: 26.03 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	15.9	14.2	21.2
277	24.6	18.8	28.2





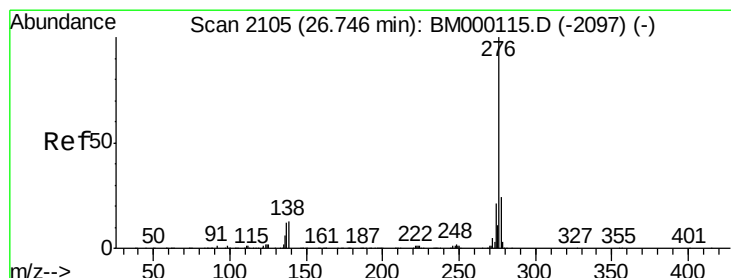
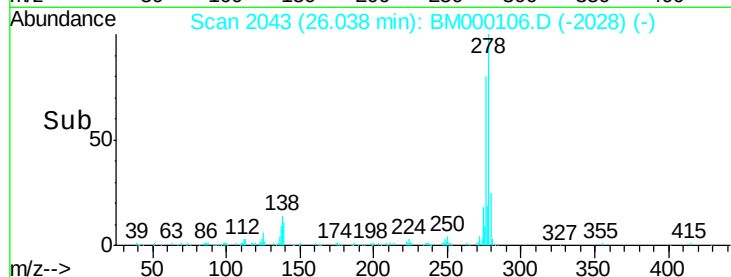
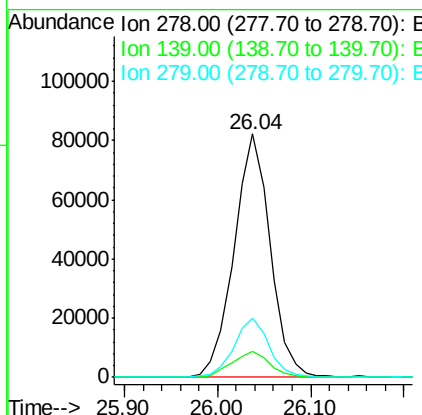
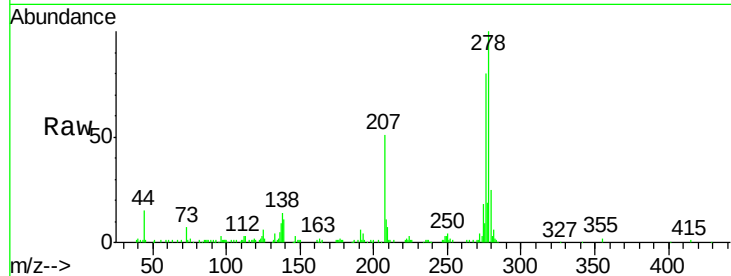
#90
Dibenzo(a,h)anthracene
Concen: 3.37 ng/ul
RT: 26.04 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.7	10.2	15.2
279	24.6	19.2	28.8

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.31 ng/ul
RT: 26.73 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BM000106.D
Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.1	18.1
277	23.9	19.0	28.4

