

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
 Data File : BM000117.D
 Acq On : 02 Jan 2015 20:06
 Operator : TP/IZ
 Sample : MDL-07-S-ML
 Misc : MDL-07-SOIL-8PPM-ML
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Manual Integrations
 APPROVED

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 1/6/2015 1:39:14 PM

Quant Time: Jan 05 00:50:09 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	276045	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1200932	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	859409	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1743875	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1553532	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	1197280	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	22350	4.69	ng/uL	0.00
5) Phenol-d5	7.00	99	779786	32.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	472265	32.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	561728	32.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	609505	32.26	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	289354	34.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	319554	37.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	587418	31.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	764415	35.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	2060368	32.51	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2377534	31.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	311086	30.38	ng/ul	0.00
57) Fluorene-d10	15.47	176	1713619	31.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	161318	18.65	ng/ul	0.00
70) Anthracene-d10	17.32	188	2621006	32.50	ng/ul	0.00
76) Pyrene-d10	19.60	212	2689677	37.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	1835649	33.97	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	36270	5.50 ng/uL	88
4) Benzaldehyde	6.97	77	103877	6.97 ng/ul	95
6) Phenol	7.02	94	148588	5.97 ng/ul	90
8) Bis(2-Chloroethyl)ether	7.26	93	115419	6.06 ng/ul	97
10) 2-Chlorophenol	7.40	128	104957	5.89 ng/ul	94
11) 2-Methylphenol	8.26	108	113651	5.92 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	198870	6.49 ng/ul	99
14) Acetophenone	8.65	105	194104	6.02 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.64	70	101464	6.01 ng/ul	93
16) 4-Methylphenol	8.60	108	122555	5.90 ng/ul	93
17) Hexachloroethane	8.92	117	47662	5.86 ng/ul	96
20) Nitrobenzene	9.03	77	155212	6.27 ng/ul	97
21) Isophorone	9.56	82	284371	5.96 ng/ul	99
23) 2-Nitrophenol	9.74	139	63433	6.78 ng/ul	90
24) 2,4-Dimethylphenol	9.80	107	156340	6.15 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.04	93	157013	5.91 ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	118657	6.35 ng/ul	96
28) Naphthalene	10.68	128	371285	6.06 ng/ul	99
30) 4-Chloroaniline	10.79	127	128262	5.84 ng/ul	100
31) Hexachlorobutadiene	10.96	225	84948	6.41 ng/ul	92
32) Caprolactam	11.58	113	34757m	5.58 ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	141908	6.19 ng/ul	97
34) 2-Methylnaphthalene	12.29	142	278231	6.13 ng/ul	96

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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	147536	6.19	ng/ul#	97
37) Hexachlorocyclopentadiene	12.64	237	69459	4.41	ng/ul#	94
38) 2,4,6-Trichlorophenol	12.89	196	89375	5.88	ng/ul	95
39) 2,4,5-Trichlorophenol	12.96	196	95917	5.81	ng/ul	95
40) 1,1'-Biphenyl	13.31	154	375865	6.07	ng/ul	100
41) 2-Chloronaphthalene	13.34	162	284605	5.99	ng/ul	99
42) 2-Nitroaniline	13.55	65	92795	6.03	ng/ul	99
44) Dimethylphthalate	13.92	163	386490	6.12	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	70687	6.26	ng/ul	92
47) Acenaphthylene	14.20	152	466105	5.82	ng/ul	98
48) 3-Nitroaniline	14.37	138	70031	6.06	ng/ul	97
49) Acenaphthene	14.53	153	299482	5.87	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	11065	1.93	ng/ul	89
52) 4-Nitrophenol	14.68	109	81497	5.98	ng/ul	95
53) Dibenzofuran	14.87	168	437752	5.92	ng/ul	96
54) 2,4-Dinitrotoluene	14.83	165	101525	6.02	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.09	232	82815	5.82	ng/ul	93
56) Diethylphthalate	15.29	149	395666	5.96	ng/ul	99
58) Fluorene	15.52	166	367151	5.99	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	182143	6.02	ng/ul	99
60) 4-Nitroaniline	15.53	138	76350	5.84	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.59	198	29544	3.34	ng/ul#	88
64) N-Nitrosodiphenylamine	15.73	169	307697	6.08	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	110224	6.20	ng/ul#	86
66) Hexachlorobenzene	16.52	284	128420	6.27	ng/ul	99
67) Atrazine	16.68	200	116575	5.84	ng/ul	99
68) Pentachlorophenol	16.86	266	53823	4.32	ng/ul	94
69) Phenanthrene	17.26	178	591839	6.27	ng/ul	100
71) Anthracene	17.34	178	581032	5.99	ng/ul	99
72) Carbazole	17.61	167	517415	5.92	ng/ul	99
73) Di-n-butylphthalate	18.17	149	637086	6.11	ng/ul	98
74) Fluoranthene	19.27	202	652417	6.03	ng/ul	98
77) Pyrene	19.64	202	675077	7.21	ng/ul	99
78) Butylbenzylphthalate	20.53	149	250558	6.59	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.32	252	160146	5.64	ng/ul	99
80) Benzo(a)anthracene	21.39	228	561075	6.26	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	361235	6.52	ng/ul	99
82) Chrysene	21.43	228	500109	6.05	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	531242	6.45	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	477572	6.25	ng/ul#	98
86) Benzo(k)fluoranthene	23.04	252	416958	6.39	ng/ul	100
88) Benzo(a)pyrene	23.59	252	412938	6.15	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.02	276	440289	6.29	ng/ul	99
90) Dibenzo(a,h)anthracene	26.03	278	371569	6.30	ng/ul	98
91) Benzo(g,h,i)perylene	26.72	276	361628	6.29	ng/ul	99

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

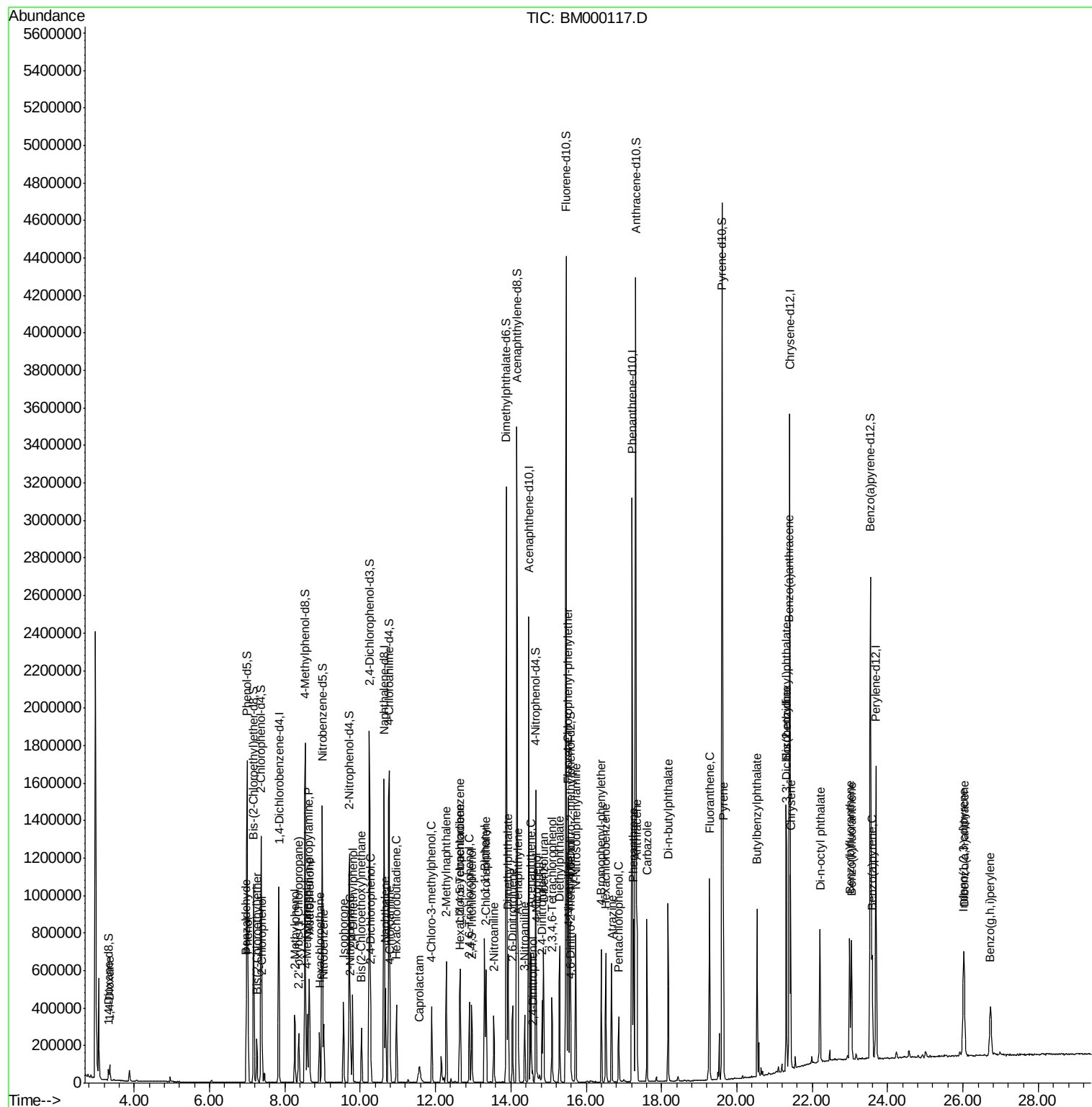
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
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Misc : MDL-07-SOIL-8PPM-ML
ALS Vial : 26 Sample Multiplier: 1

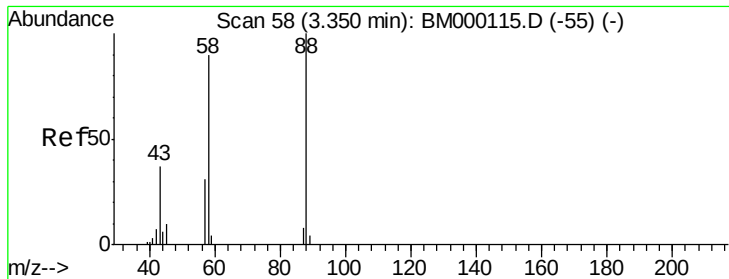
Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

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QLast Update : Mon Jan 05 00:18:17 2015
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#2

1,4-Dioxane

Concen: 5.50 ng/uL

RT: 3.35 min Scan# 58

Delta R.T. 0.00 min

Lab File: BM000117.D

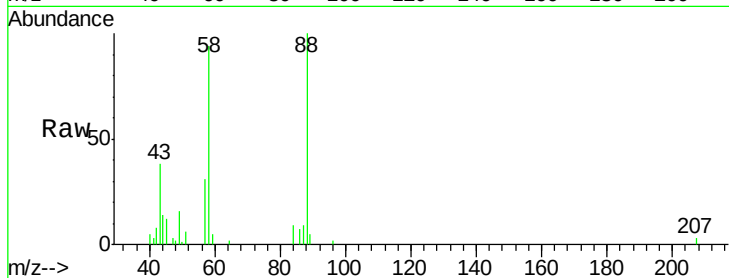
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Instrument :

BNA_M

ClientSampleId :

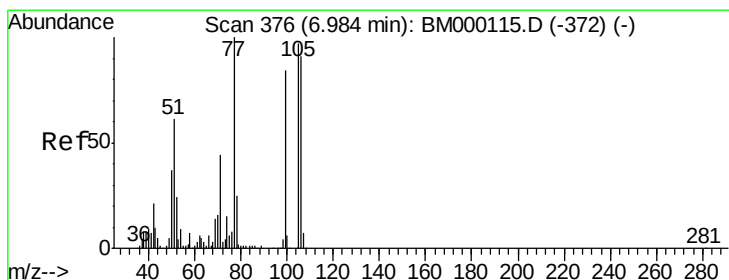
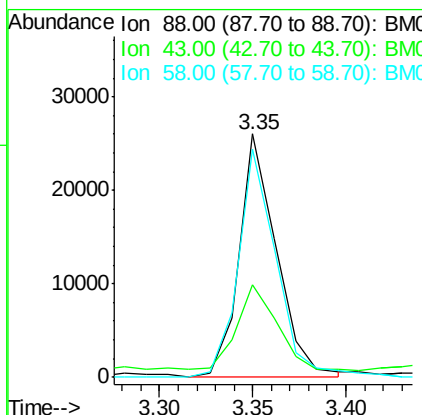
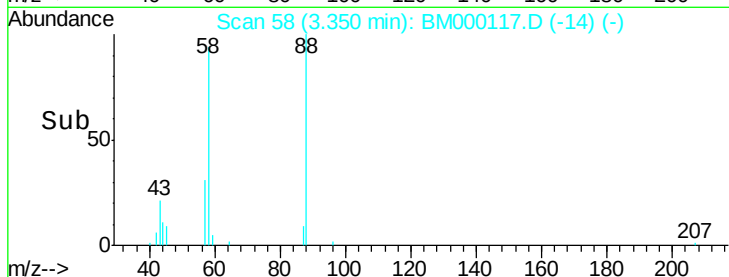
MDL-07-S-ML



Tgt Ion:	88	Resp:	36270
Ion	Ratio	Lower	Upper
88	100		
43	37.9	34.9	52.3
58	96.1	67.3	100.9

Manual Integrations
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#4

Benzaldehyde

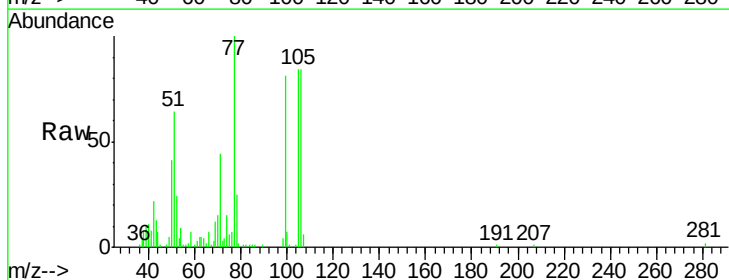
Concen: 6.97 ng/uL

RT: 6.97 min Scan# 375

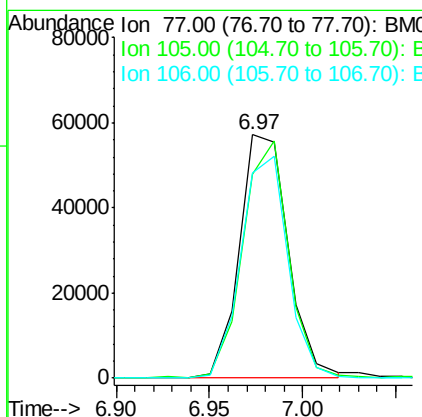
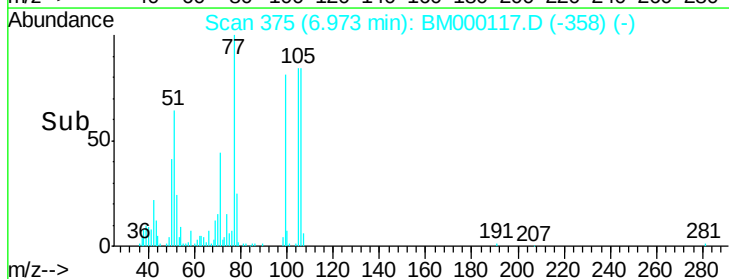
Delta R.T. -0.01 min

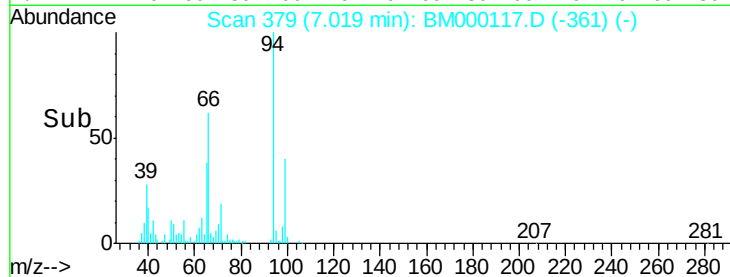
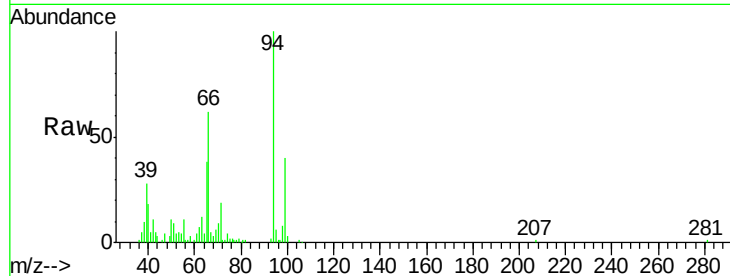
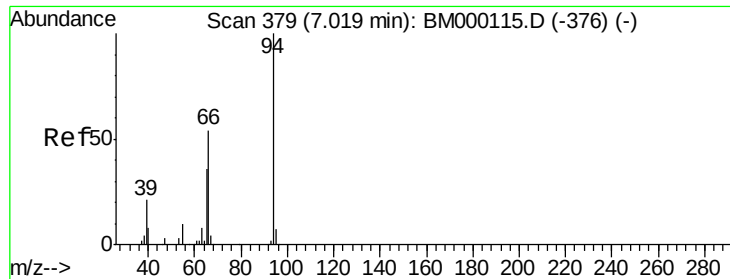
Lab File: BM000117.D

Acq: 02 Jan 2015 20:06



Tgt Ion:	77	Resp:	103877
Ion	Ratio	Lower	Upper
77	100		
105	83.7	73.5	110.3
106	84.4	67.9	101.9





#6

Phenol

Concen: 5.97 ng/ul

RT: 7.02 min Scan# 379

Delta R.T. 0.00 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

Tgt Ion:	94	Resp:	148588
Ion	Ratio	Lower	Upper
94	100		
65	37.6	27.4	41.0
66	62.2	42.5	63.7

Instrument :

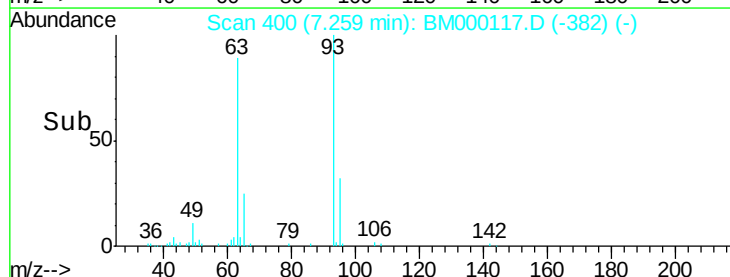
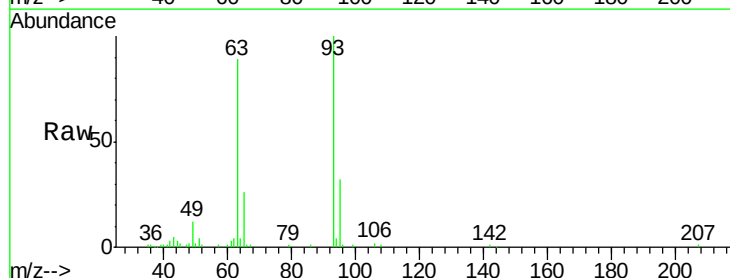
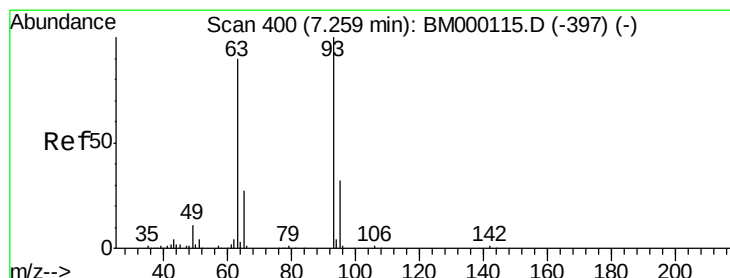
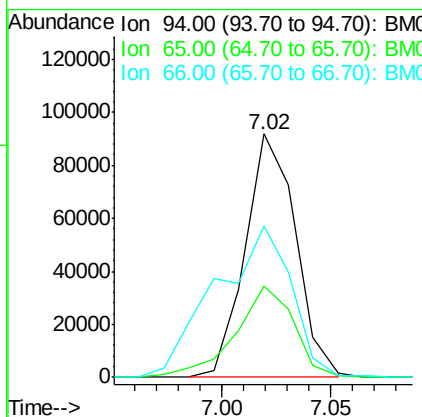
BNA_M

ClientSampleId :

MDL-07-S-ML

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#8

Bis(2-Chloroethyl)ether

Concen: 6.06 ng/ul

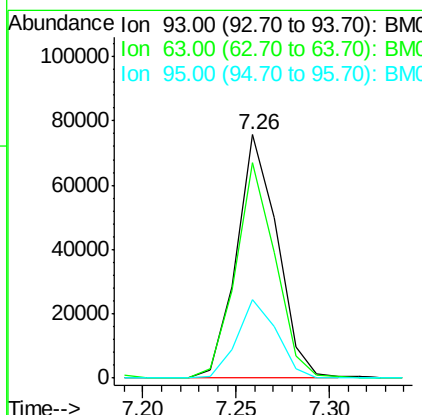
RT: 7.26 min Scan# 400

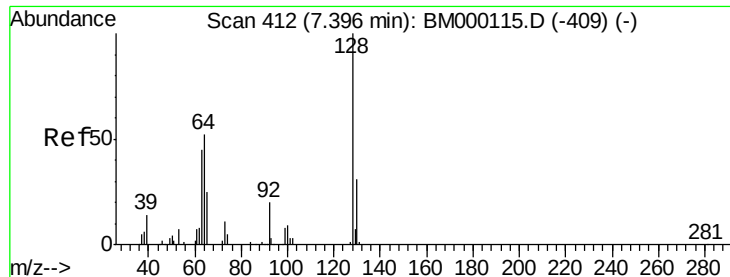
Delta R.T. 0.00 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

Tgt Ion:	93	Resp:	115419
Ion	Ratio	Lower	Upper
93	100		
63	88.6	68.9	103.3
95	32.4	24.6	37.0





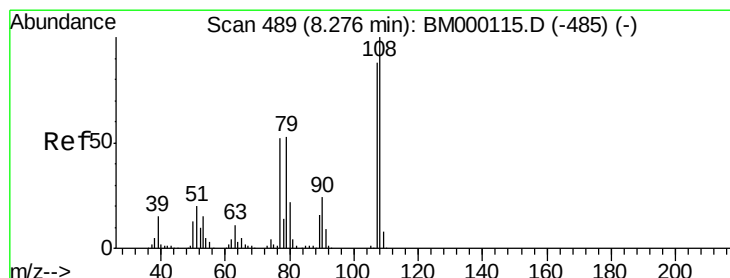
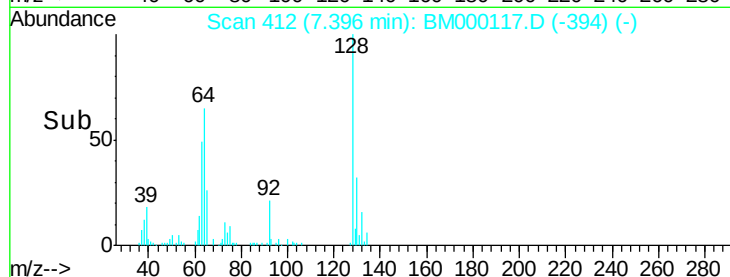
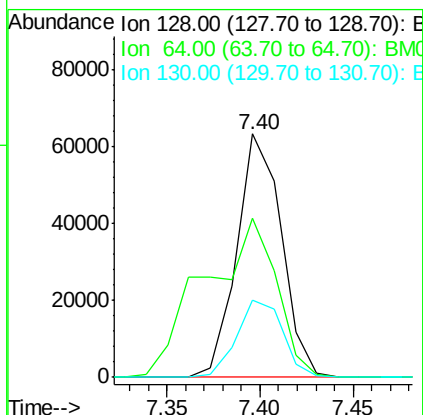
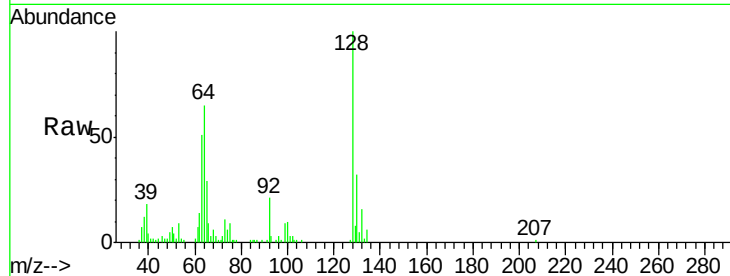
#10
2-Chlorophenol
Concen: 5.89 ng/ul
RT: 7.40 min Scan# 412
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Lower	Upper
128	100		
64	65.4	47.2	70.8
130	31.7	25.2	37.8

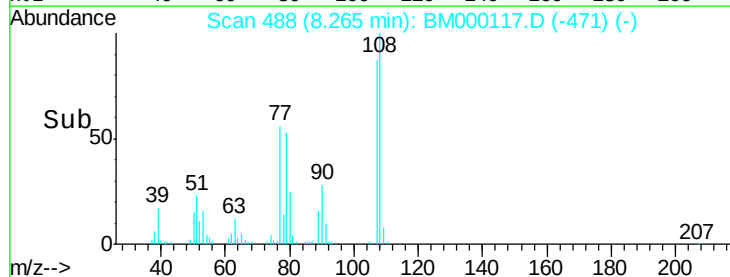
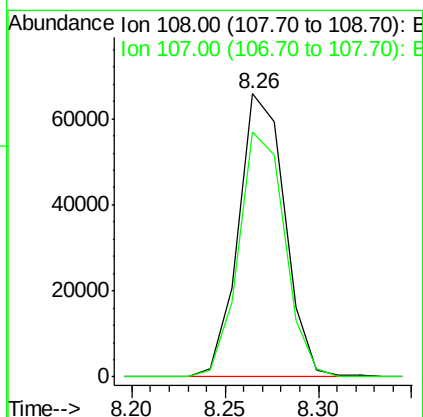
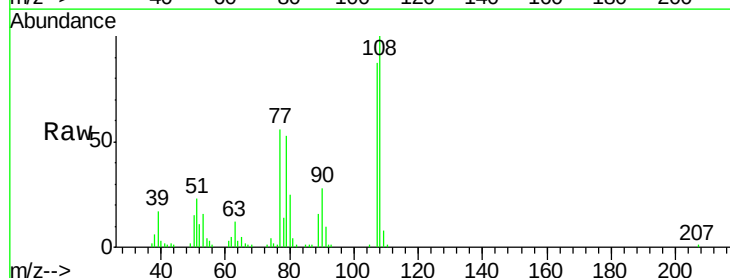
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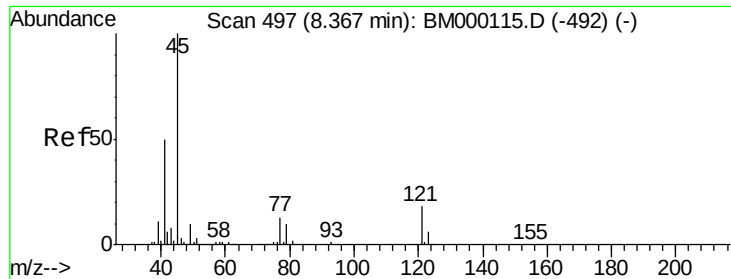
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#11
2-Methylphenol
Concen: 5.92 ng/ul
RT: 8.26 min Scan# 488
Delta R.T. -0.01 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Lower	Upper
108	100		
107	86.8	70.7	106.1





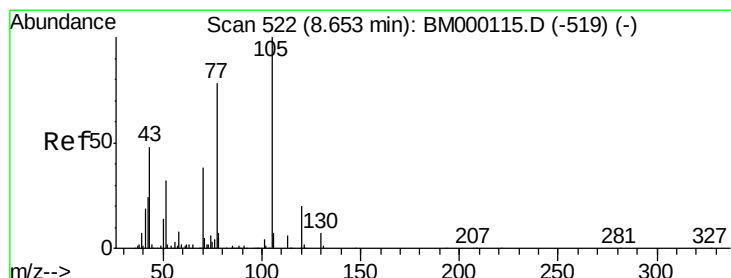
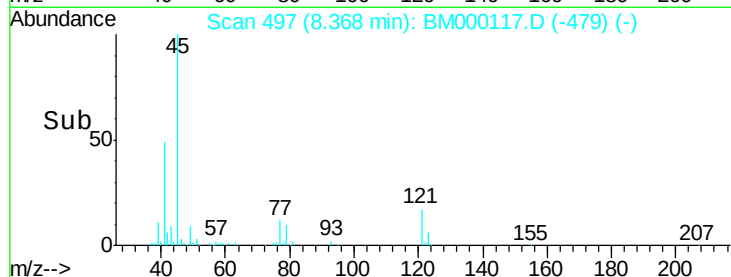
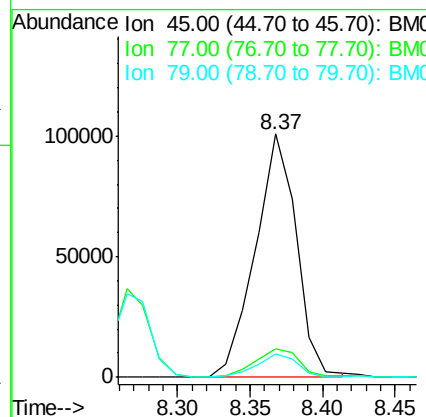
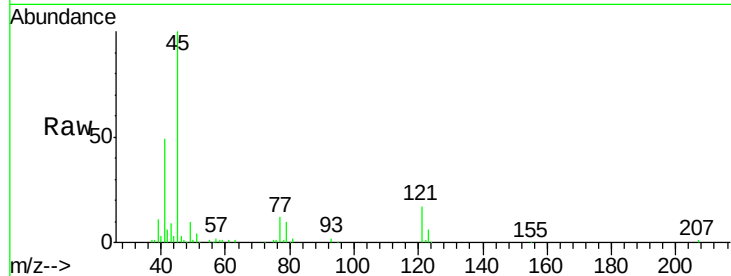
#12
2,2'-oxybis(1-Chloropropane)
Concen: 6.49 ng/ul
RT: 8.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Instrument :
BNA_M
ClientSampled :
MDL-07-S-ML

Tgt Ion	Ratio	Resp Lower	Upper
45	100		
77	12.0	9.9	14.9
79	9.8	8.3	12.5

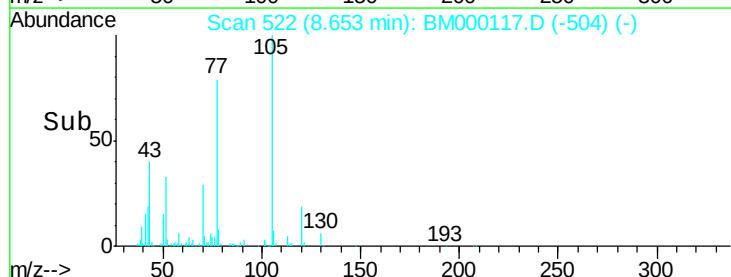
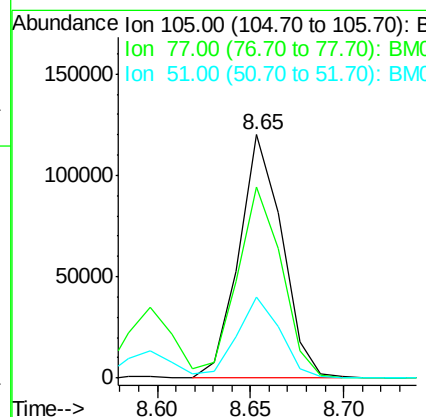
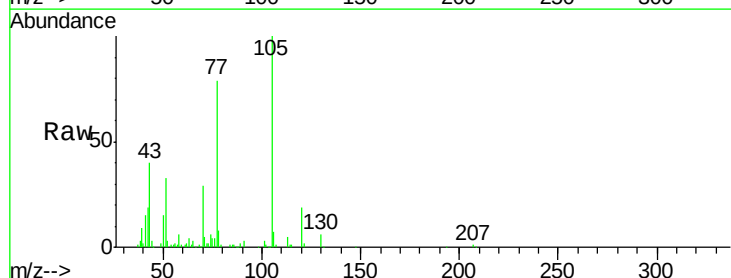
Manual Integrations
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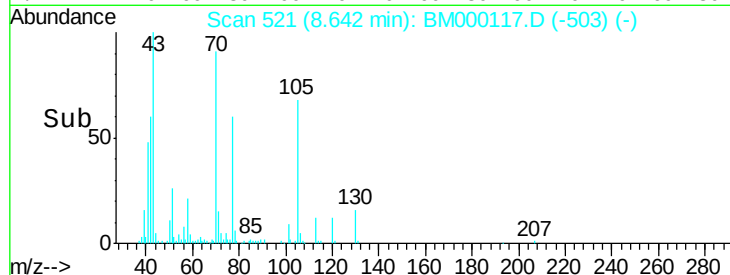
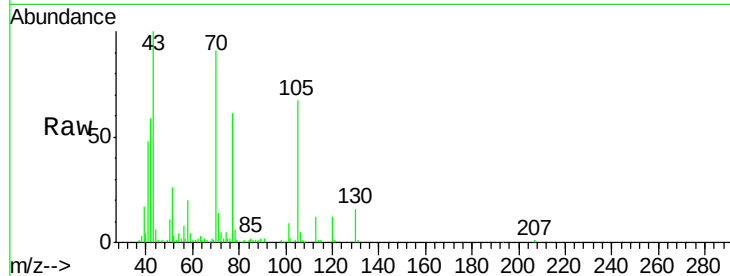
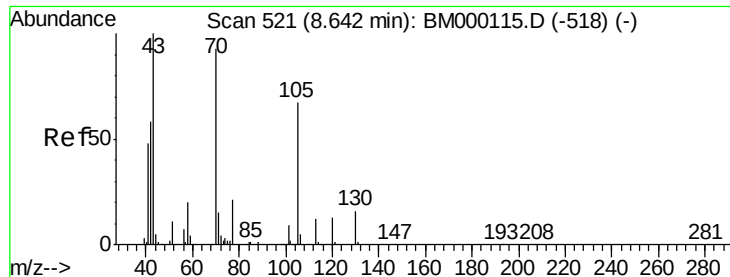
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#14
Acetophenone
Concen: 6.02 ng/ul
RT: 8.65 min Scan# 522
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
77	78.7	66.3	99.5
51	33.3	26.5	39.7





#15

N-Nitroso-di-n-propylamine

Concen: 6.01 ng/ul

RT: 8.64 min Scan# 521

Delta R.T. 0.00 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

Instrument :

BNA_M

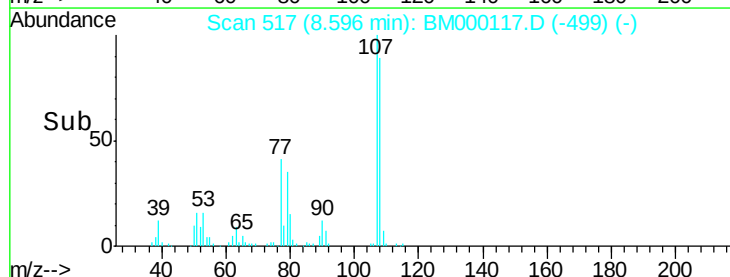
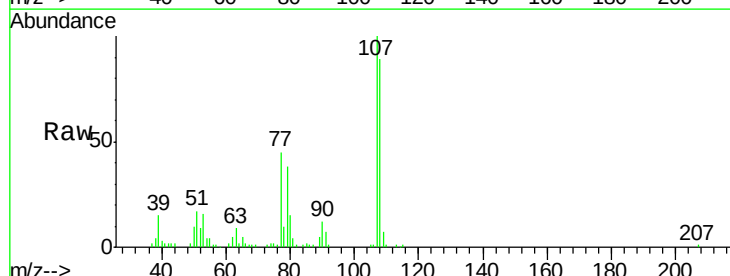
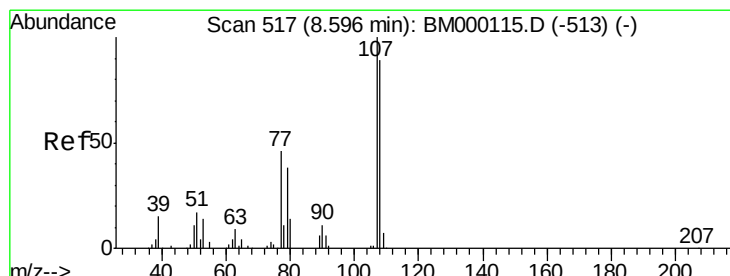
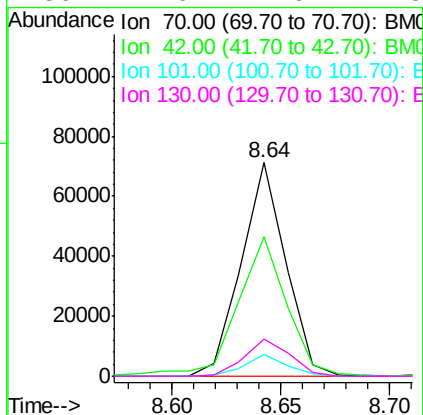
ClientSampleId :

MDL-07-S-ML

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.3	46.4	69.6	
101	10.3	7.8	11.8	
130	17.6	14.6	21.8	

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#16

4-Methylphenol

Concen: 5.90 ng/ul

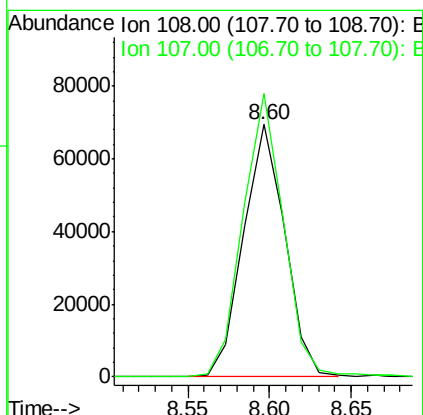
RT: 8.60 min Scan# 517

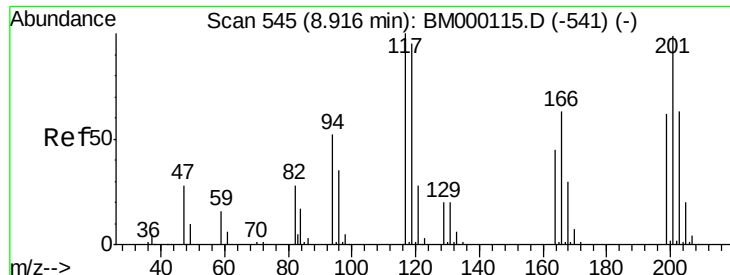
Delta R.T. 0.00 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	112.2	84.0	126.0	





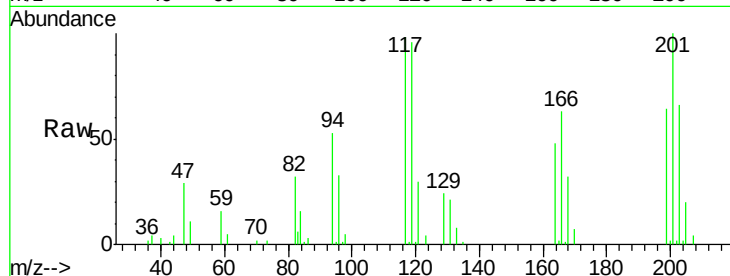
#17
Hexachloroethane
Concen: 5.86 ng/ul
RT: 8.92 min Scan# 545
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

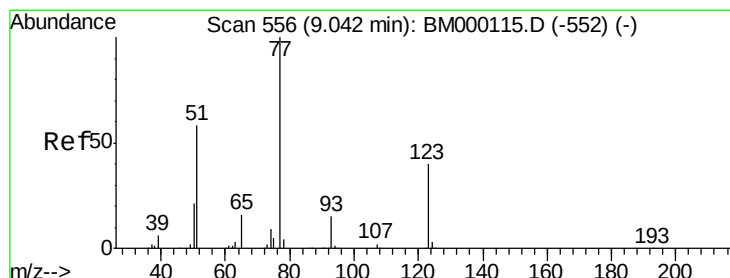
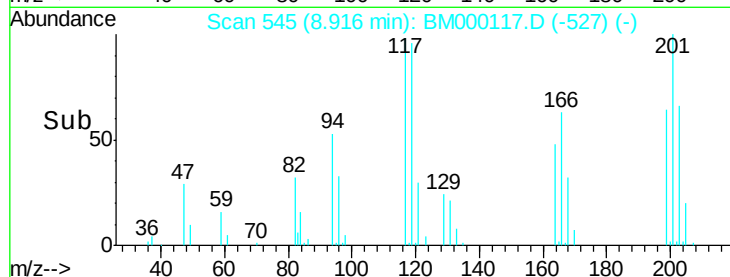
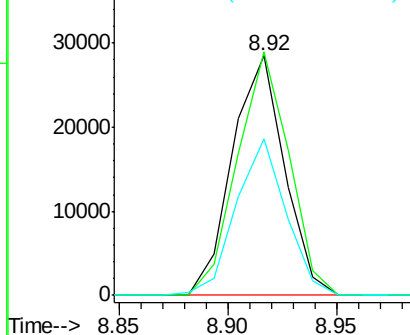
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	47662		
201	101.8	85.2	127.8	
199	65.5	55.1	82.7	

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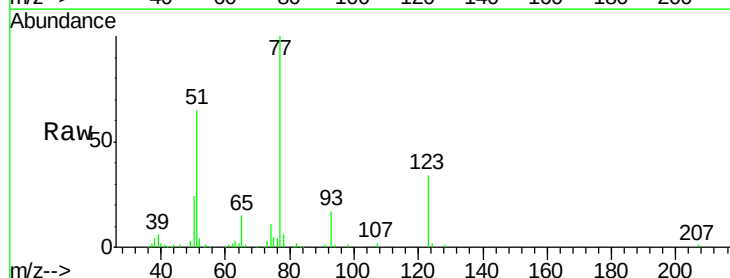


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

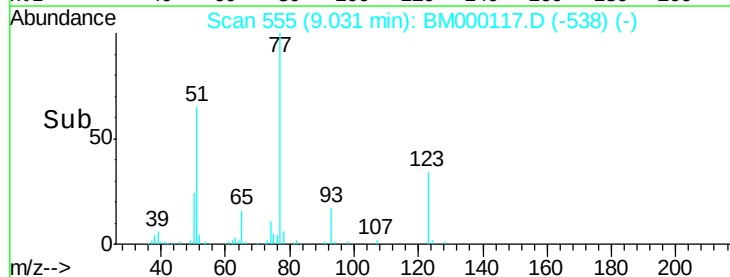
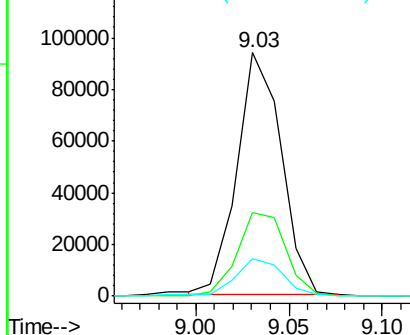


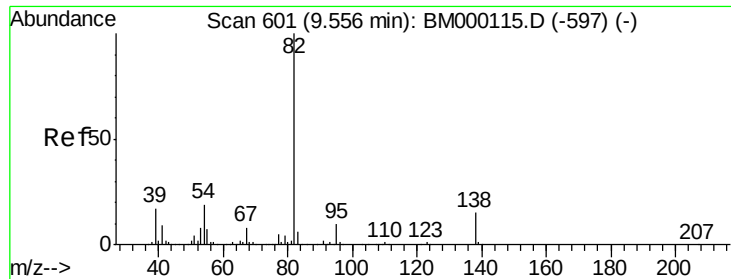
#20
Nitrobenzene
Concen: 6.27 ng/ul
RT: 9.03 min Scan# 555
Delta R.T. -0.01 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	155212		
123	34.3	29.2	43.8	
65	15.5	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: 5.96 ng/ul

RT: 9.56 min Scan# 601

Delta R.T. 0.00 min

Lab File: BM000117.D

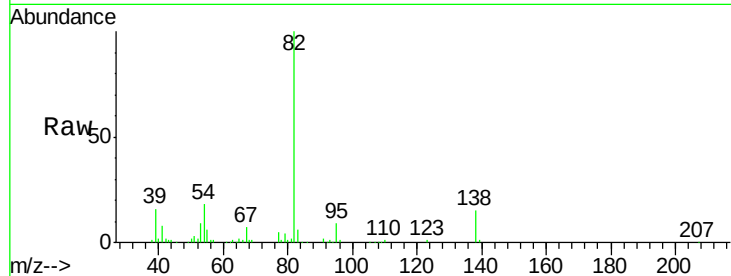
Acq: 02 Jan 2015 20:06

Instrument :

BNA_M

ClientSampleId :

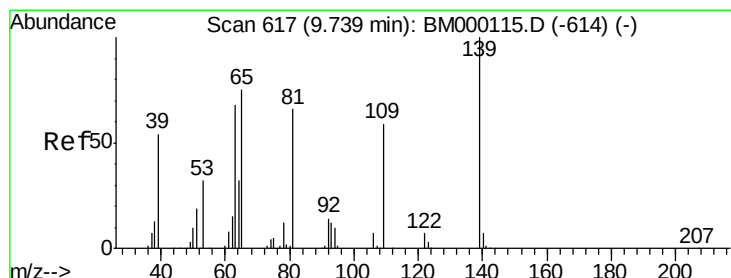
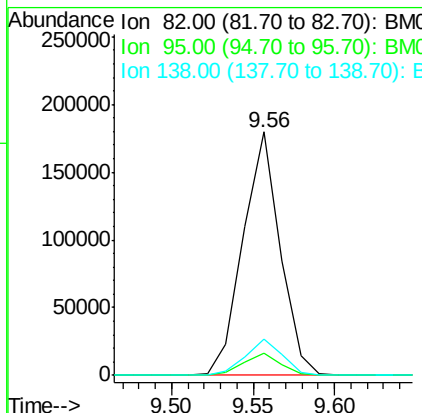
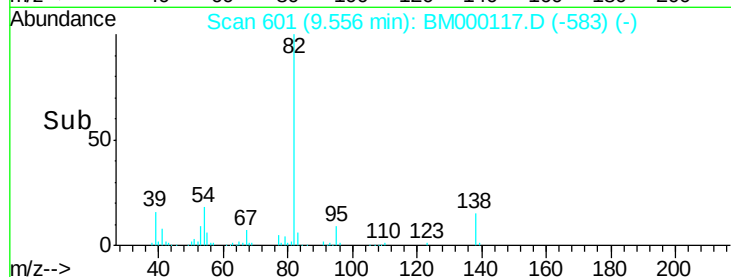
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	284371		
95	9.2	6.9	10.3	
138	14.7	12.1	18.1	

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#23

2-Nitrophenol

Concen: 6.78 ng/ul

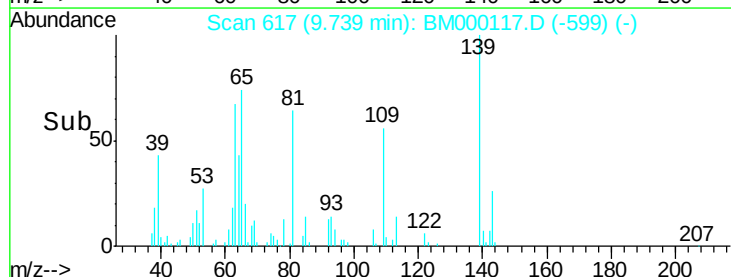
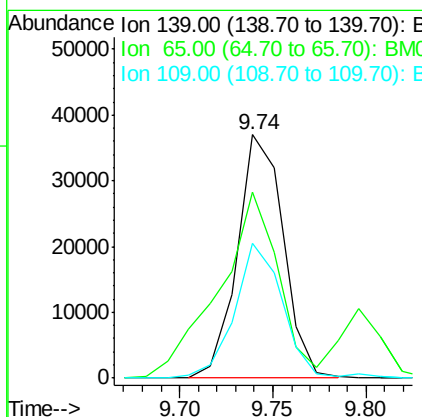
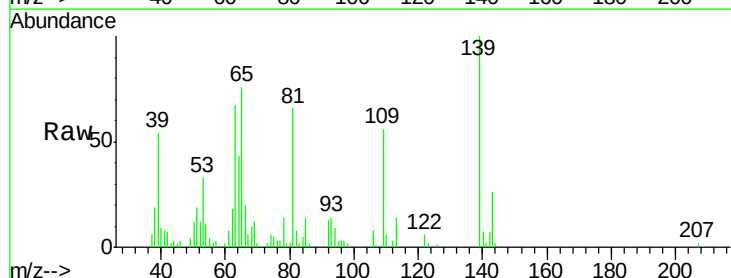
RT: 9.74 min Scan# 617

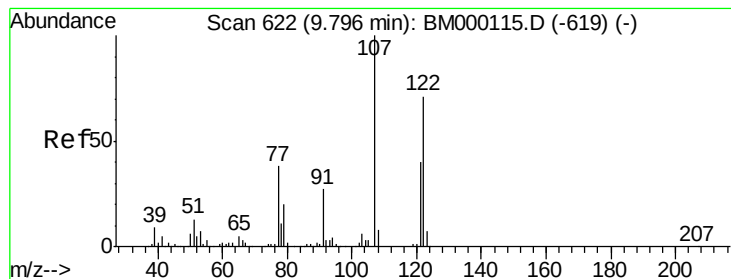
Delta R.T. 0.00 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

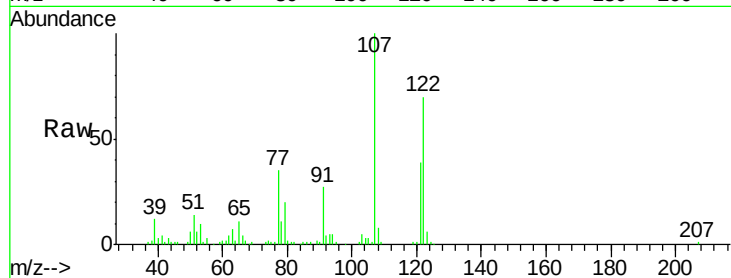
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	63433		
65	76.2	56.3	84.5	
109	55.6	37.1	55.7	





#24
 2,4-Dimethylphenol
 Concen: 6.15 ng/ul
 RT: 9.80 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BM000117.D
 Acq: 02 Jan 2015 20:06

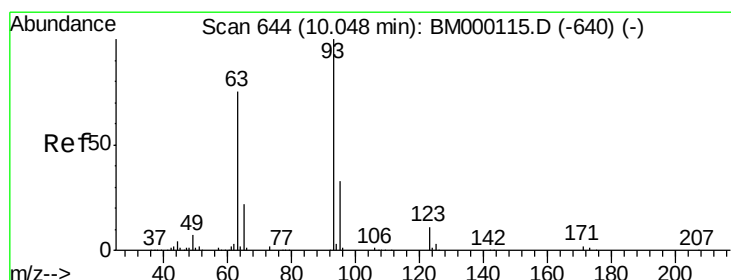
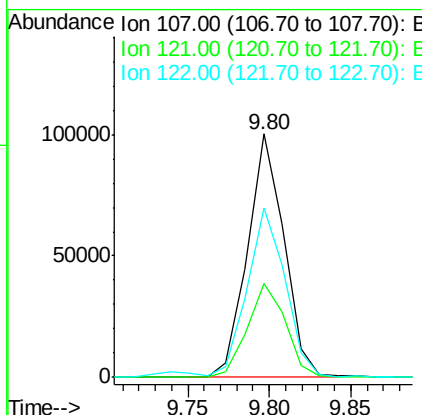
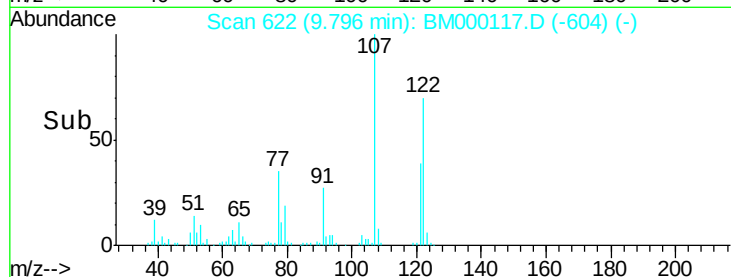
Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML



Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
121	38.7	33.0	49.6
122	69.5	59.3	88.9

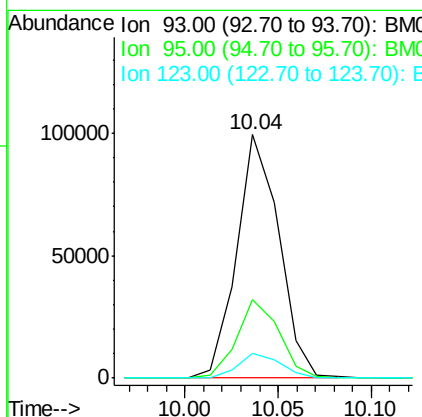
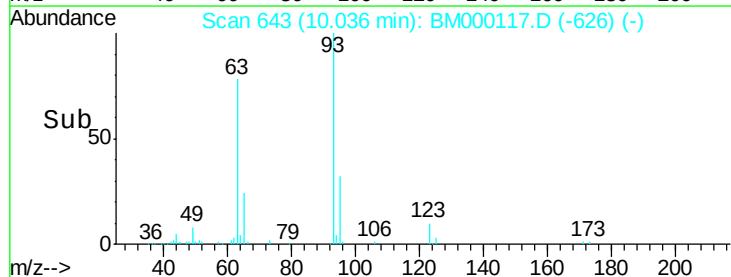
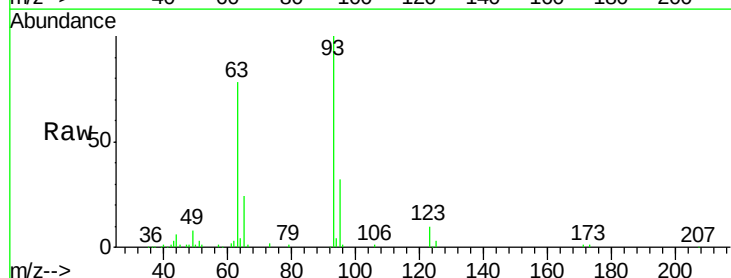
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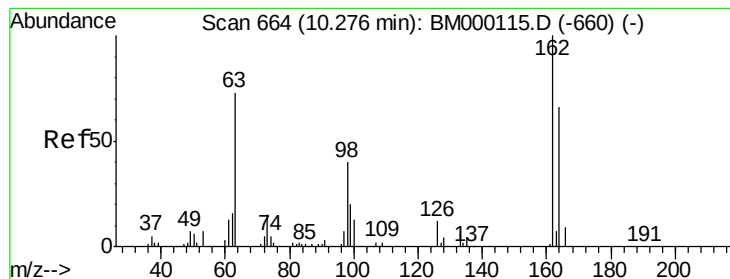
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 5.91 ng/ul
 RT: 10.04 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BM000117.D
 Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	32.0	26.1	39.1
123	10.1	7.4	11.2





#27

2,4-Dichlorophenol

Concen: 6.35 ng/ul

RT: 10.28 min Scan# 664

Delta R.T. 0.00 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

Instrument :

BNA_M

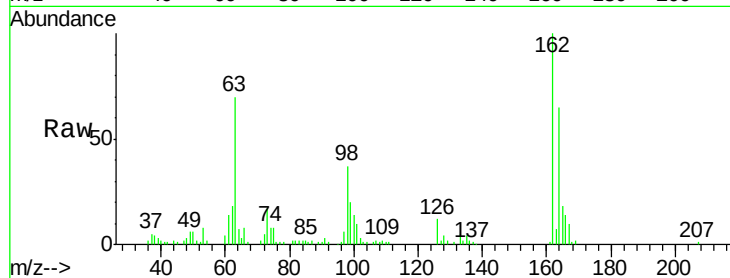
ClientSampleId :

MDL-07-S-ML

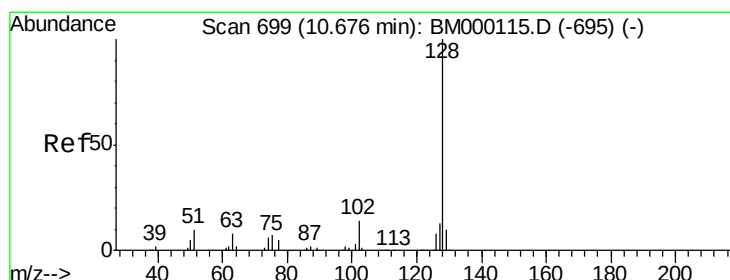
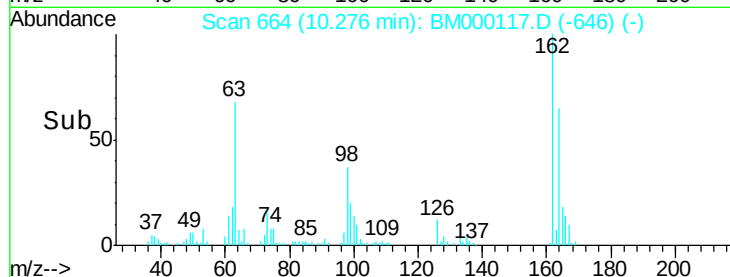
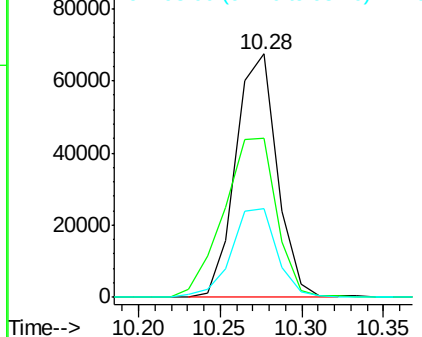
Tgt Ion:	162	Resp:	118657
Ion Ratio	Lower	Upper	
162	100		
164	65.4	50.2	75.4
98	36.5	31.4	47.2

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B



#28

Naphthalene

Concen: 6.06 ng/ul

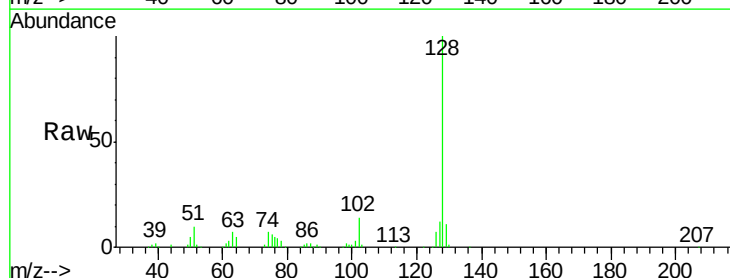
RT: 10.68 min Scan# 699

Delta R.T. 0.00 min

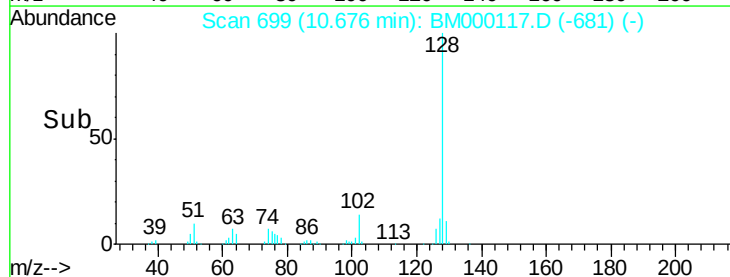
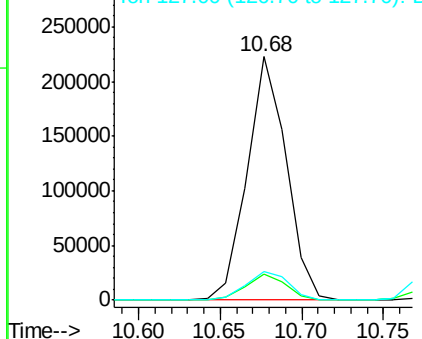
Lab File: BM000117.D

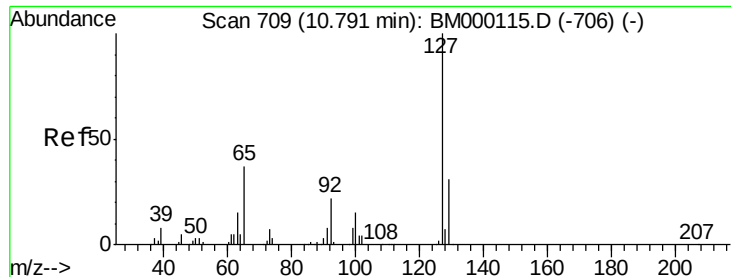
Acq: 02 Jan 2015 20:06

Tgt Ion:	128	Resp:	371285
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.6	13.0
127	11.9	10.3	15.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





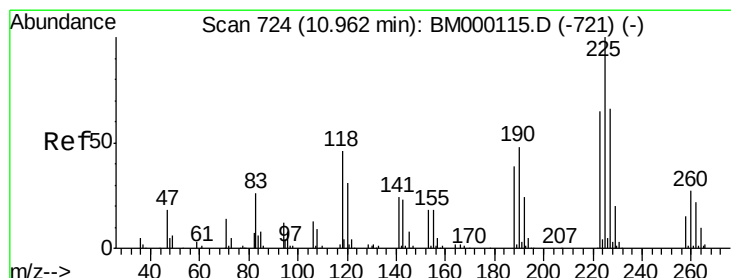
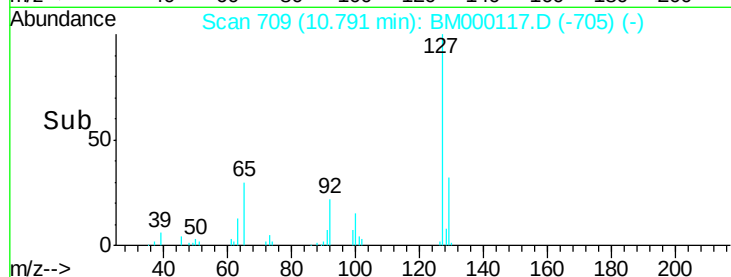
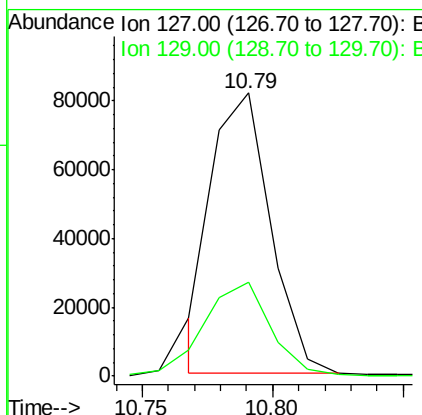
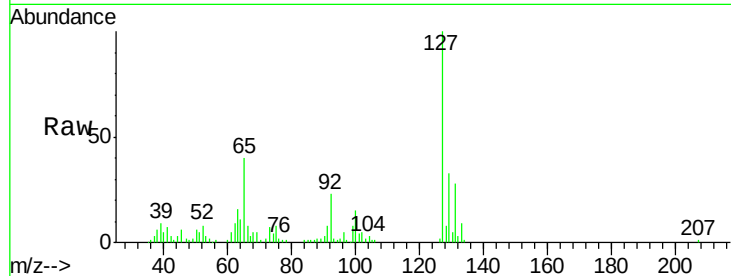
#30
4-Chloroaniline
Concen: 5.84 ng/ul
RT: 10.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion:127 Resp: 128262
Ion Ratio Lower Upper
127 100
129 33.0 26.5 39.7

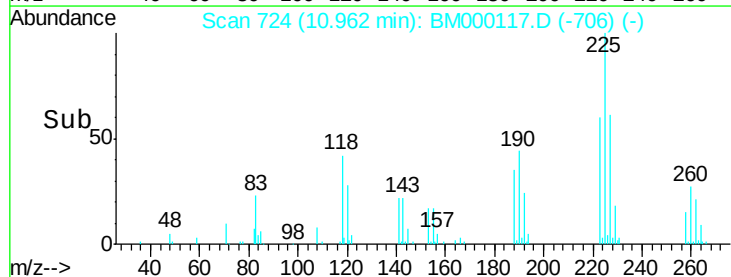
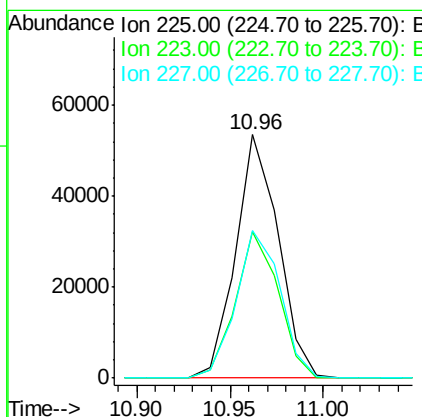
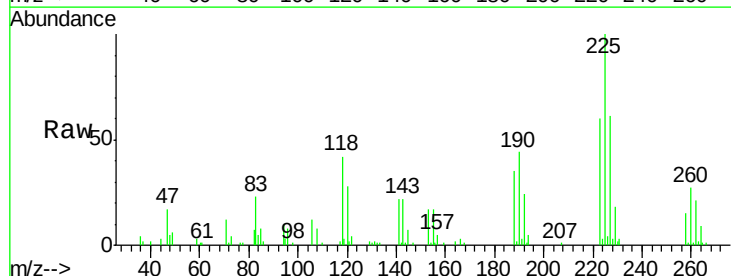
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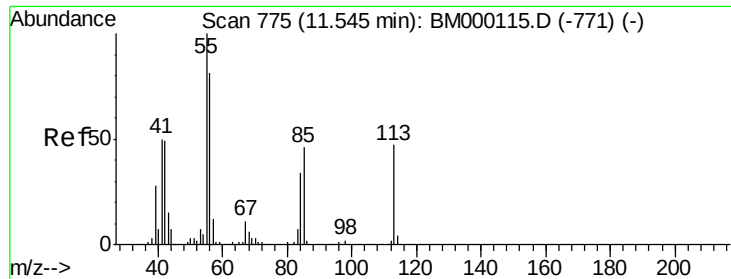
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#31
Hexachlorobutadiene
Concen: 6.41 ng/ul
RT: 10.96 min Scan# 724
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Tgt Ion:225 Resp: 84948
Ion Ratio Lower Upper
225 100
223 60.1 54.4 81.6
227 60.6 51.8 77.8





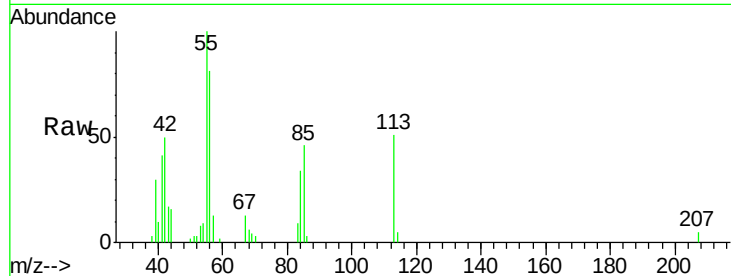
#32
 Caprolactam
 Concen: 5.58 ng/ul m
 RT: 11.58 min Scan# 775
 Delta R.T. 0.03 min
 Lab File: BM000117.D
 Acq: 02 Jan 2015 20:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Tgt Ion	Ratio	Lower	Upper
113	100		
55	195.0	156.6	234.8
56	157.2	126.3	189.5

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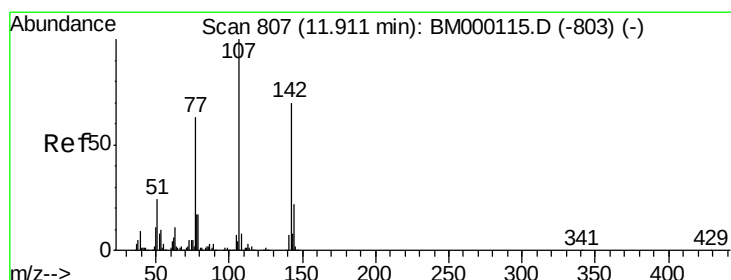
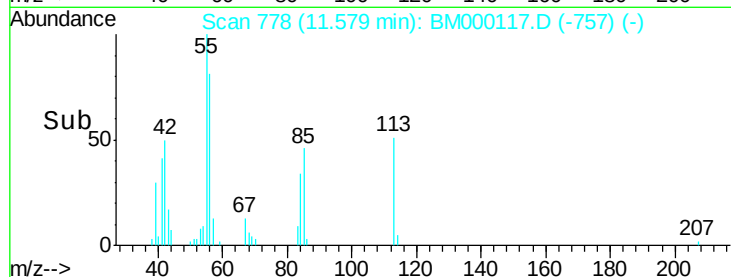
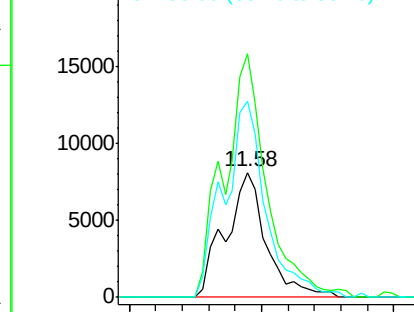
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Abundance Ion 113.00 (112.70 to 113.70): E

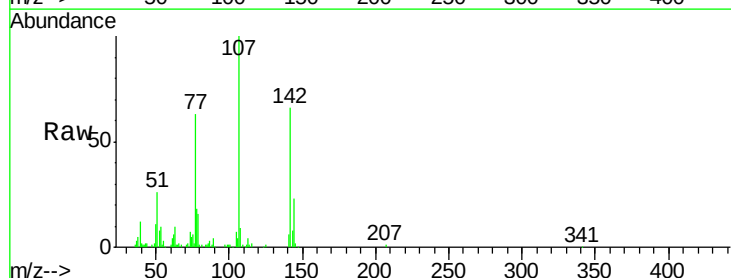
Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33
 4-Chloro-3-methylphenol
 Concen: 6.19 ng/ul
 RT: 11.90 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BM000117.D
 Acq: 02 Jan 2015 20:06

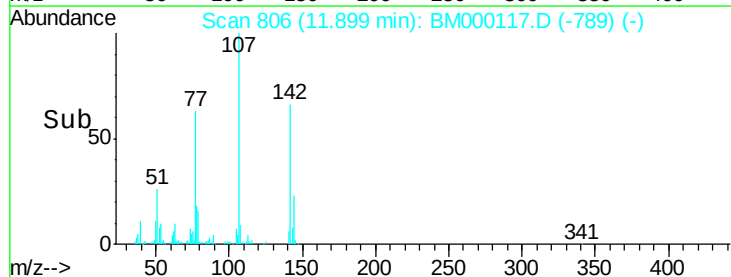
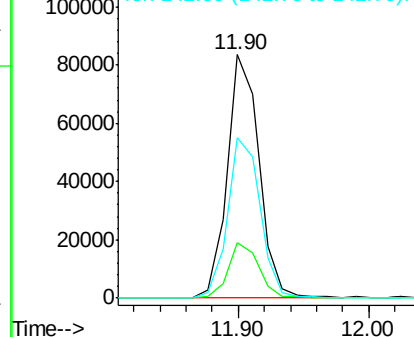
Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.0	16.6	24.8
142	66.2	54.6	82.0

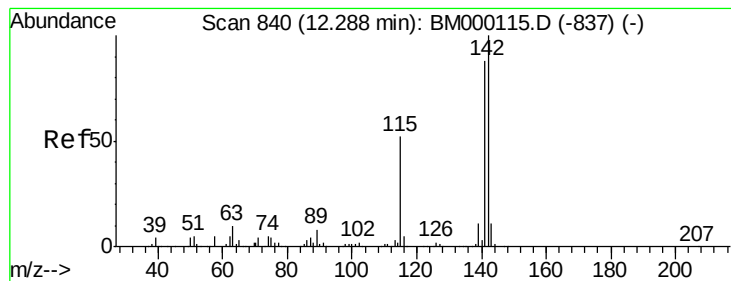


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 6.13 ng/ul

RT: 12.29 min Scan# 840

Delta R.T. 0.00 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

Instrument :

BNA_M

ClientSampleId :

MDL-07-S-ML

Tgt Ion:142 Resp: 278231

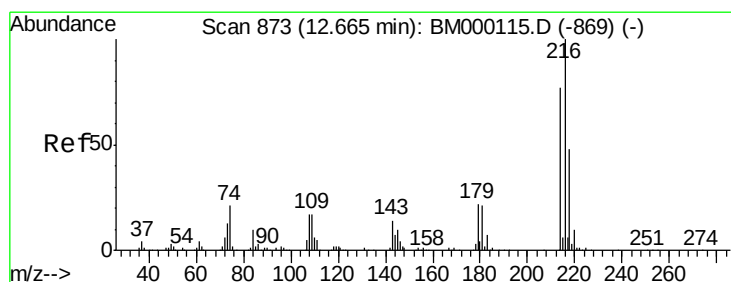
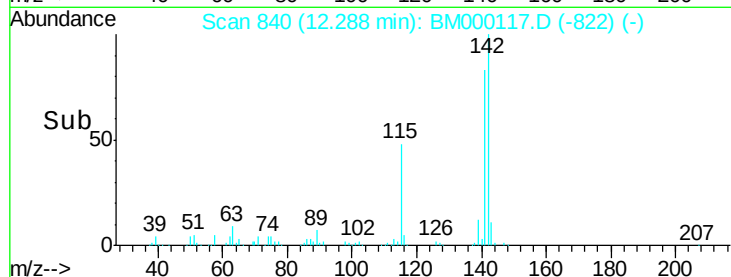
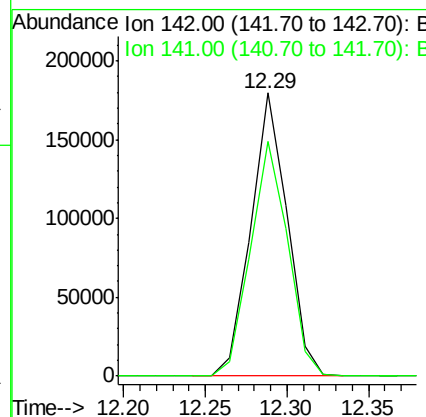
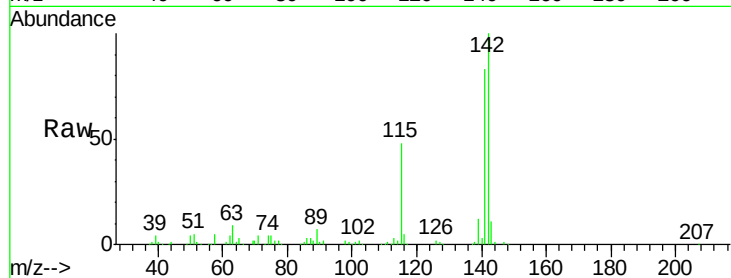
Ion Ratio Lower Upper

142 100

141 83.1 69.3 103.9

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#36

1,2,4,5-Tetrachlorobenzene

Concen: 6.19 ng/ul

RT: 12.65 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

Tgt Ion:216 Resp: 147536

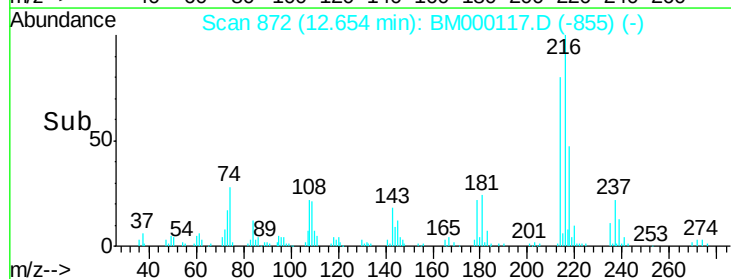
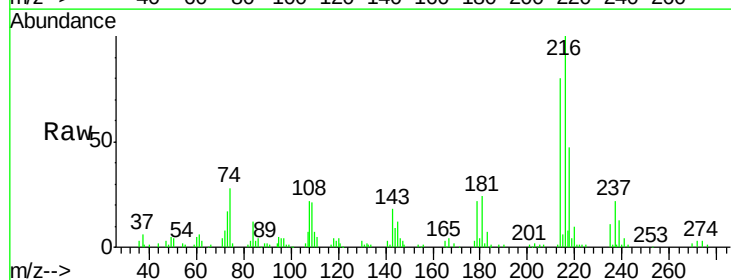
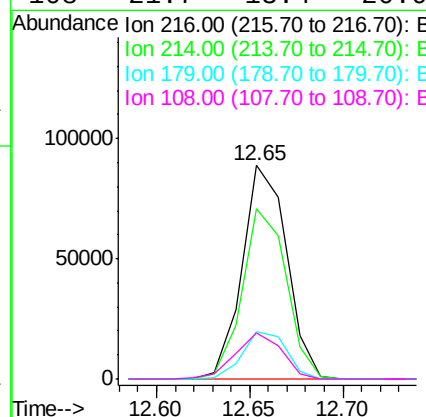
Ion Ratio Lower Upper

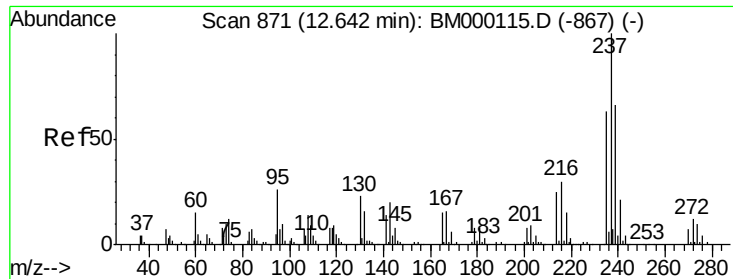
216 100

214 79.8 62.6 94.0

179 22.4 17.4 26.2

108 21.7 13.4 20.0#





#37

Hexachlorocyclopentadiene

Concen: 4.41 ng/ul

RT: 12.64 min Scan# 871

Delta R.T. 0.00 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

Instrument :

BNA_M

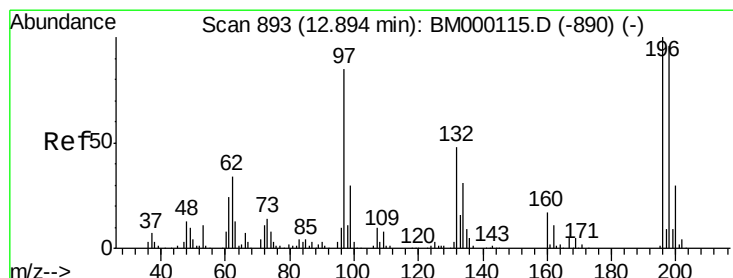
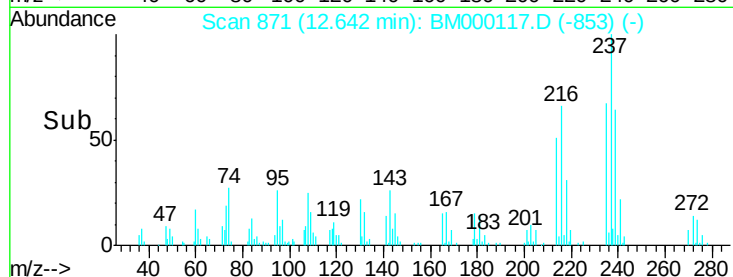
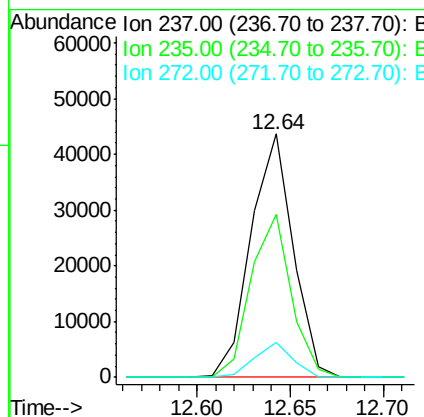
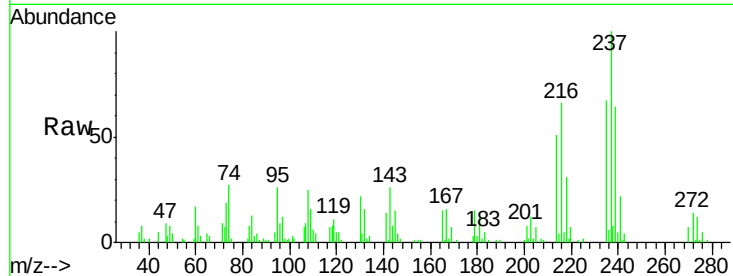
ClientSampleId :

MDL-07-S-ML

Tgt Ion:	237	Resp:	69459
Ion Ratio	Lower	Upper	
237	100		
235	67.1	50.0	75.0
272	14.3	8.9	13.3#

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#38

2,4,6-Trichlorophenol

Concen: 5.88 ng/ul

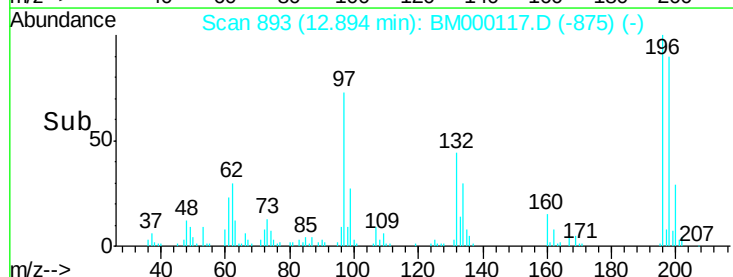
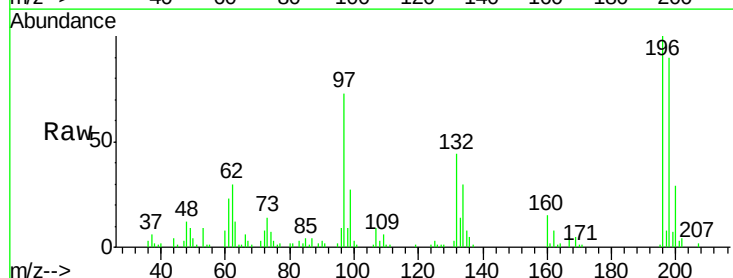
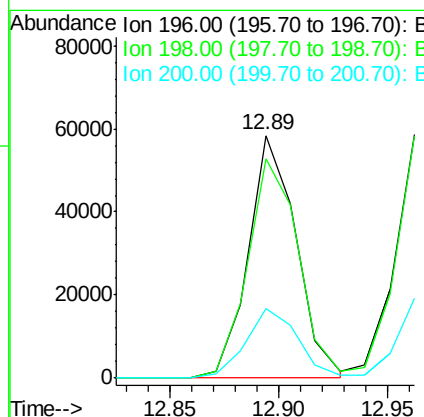
RT: 12.89 min Scan# 893

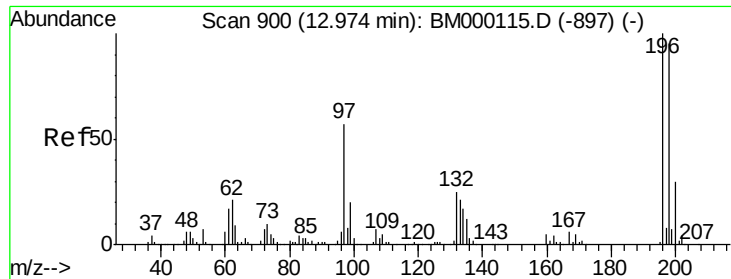
Delta R.T. 0.00 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

Tgt Ion:	196	Resp:	89375
Ion Ratio	Lower	Upper	
196	100		
198	90.5	76.6	114.8
200	28.6	24.5	36.7





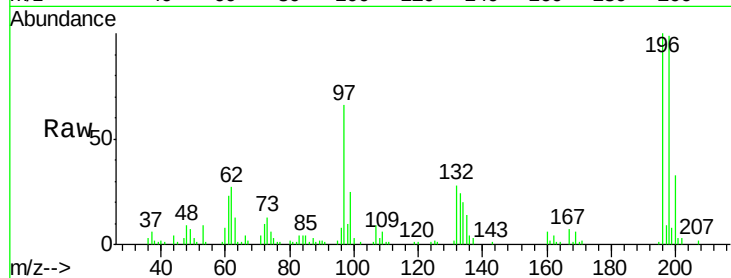
#39
 2,4,5-Trichlorophenol
 Concen: 5.81 ng/ul
 RT: 12.96 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BM000117.D
 Acq: 02 Jan 2015 20:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

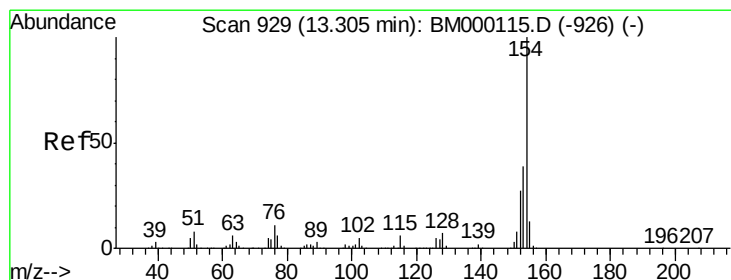
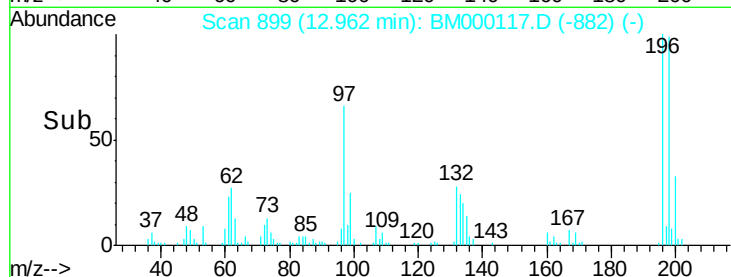
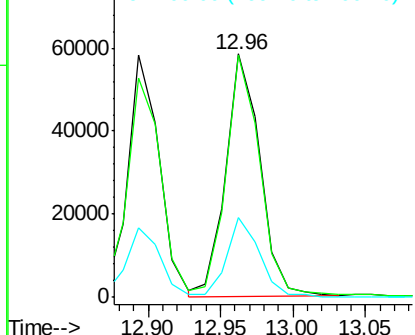
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	95917		
198	99.4	75.4	113.2	
200	32.6	25.0	37.4	

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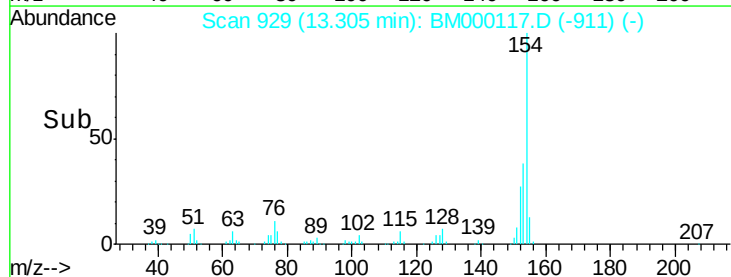
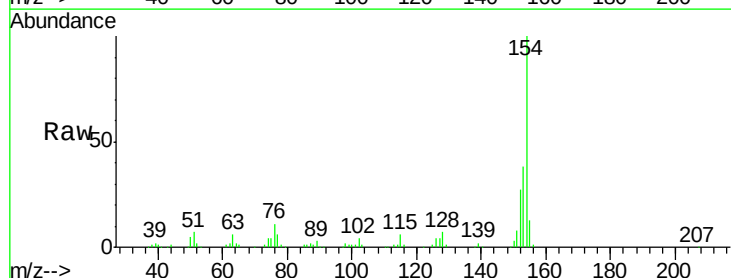
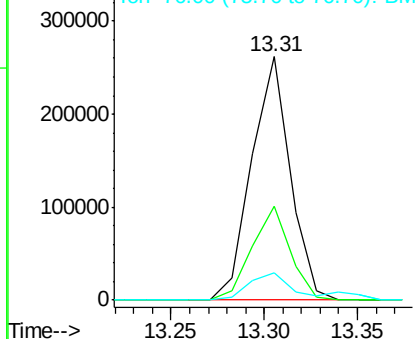
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

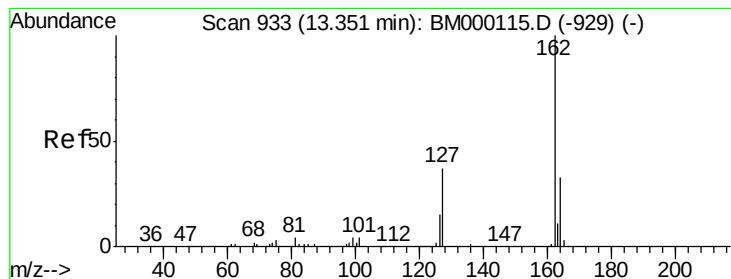


#40
 1,1'-Biphenyl
 Concen: 6.07 ng/ul
 RT: 13.31 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BM000117.D
 Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	375865		
153	38.5	30.5	45.7	
76	11.1	8.9	13.3	

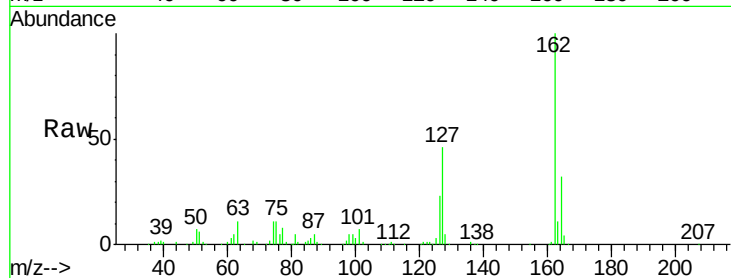
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM





#41
 2-Chloronaphthalene
 Concen: 5.99 ng/ul
 RT: 13.34 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: BM000117.D
 Acq: 02 Jan 2015 20:06

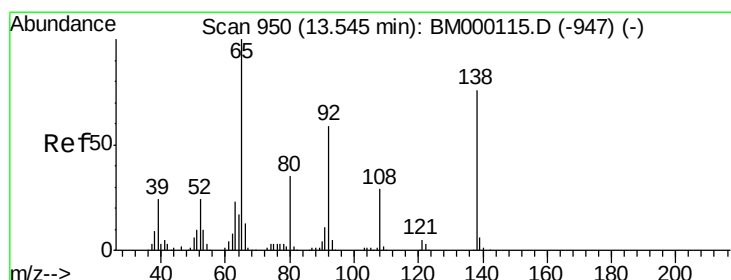
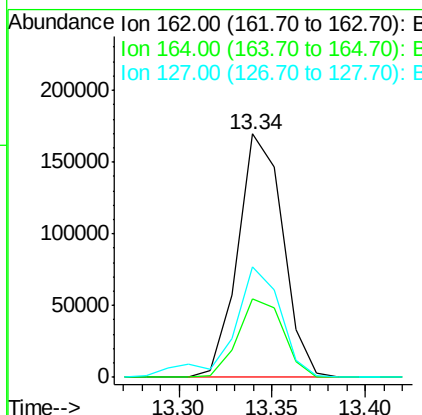
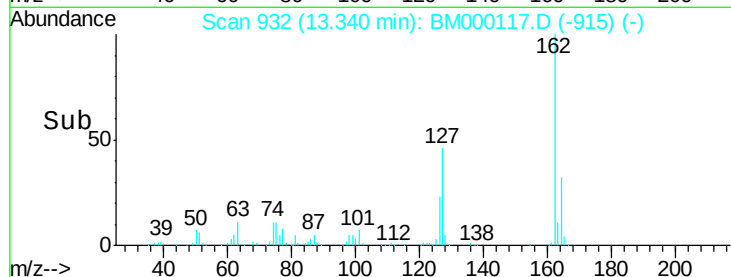
Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML



Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.0	25.8	38.6
127	45.6	35.9	53.9

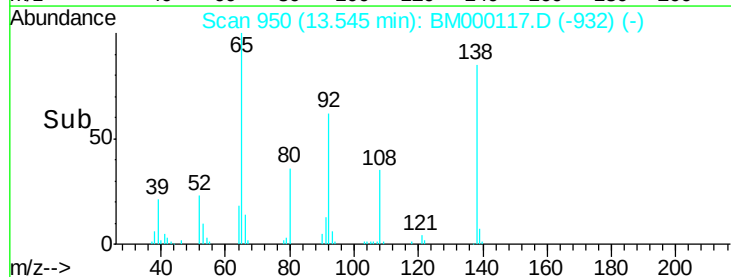
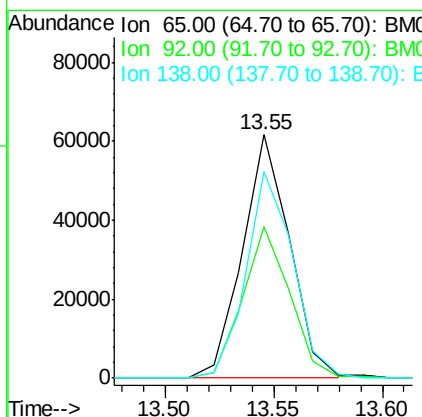
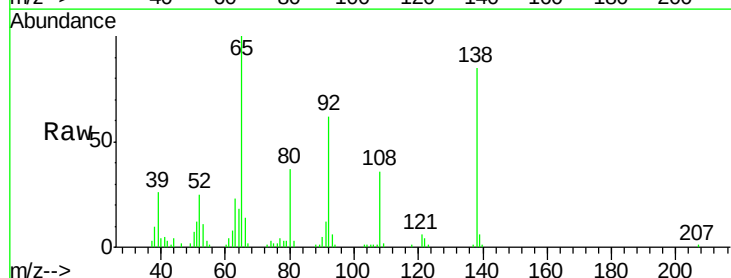
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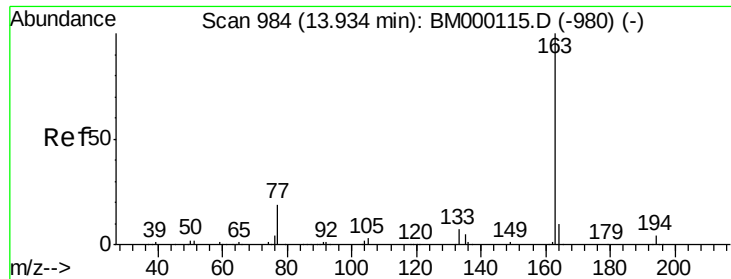
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#42
 2-Nitroaniline
 Concen: 6.03 ng/ul
 RT: 13.55 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BM000117.D
 Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.0	50.4	75.6
138	85.0	66.9	100.3





#44

Dimethylphthalate

Concen: 6.12 ng/ul

RT: 13.92 min Scan# 983

Delta R.T. -0.01 min

Lab File: BM000117.D

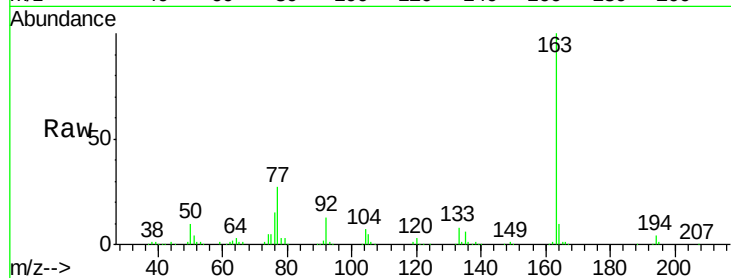
Acq: 02 Jan 2015 20:06

Instrument :

BNA_M

ClientSampleId :

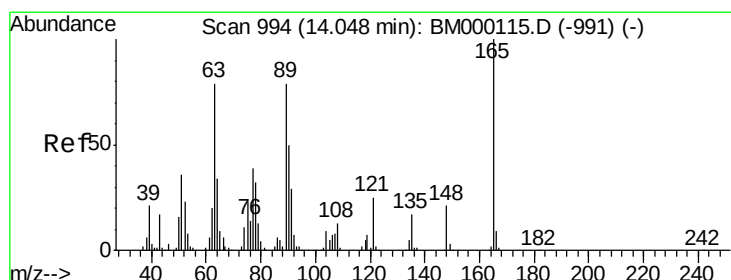
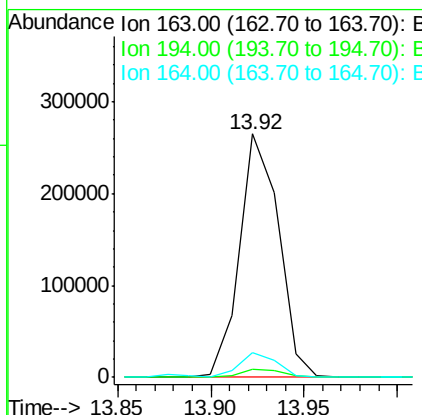
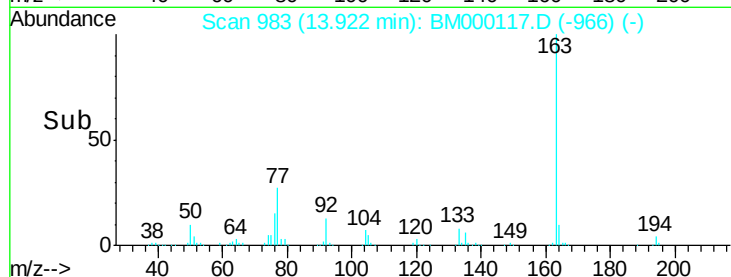
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	386490		
194	3.6		3.0	4.4
164	10.1		8.5	12.7

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#45

2,6-Dinitrotoluene

Concen: 6.26 ng/ul

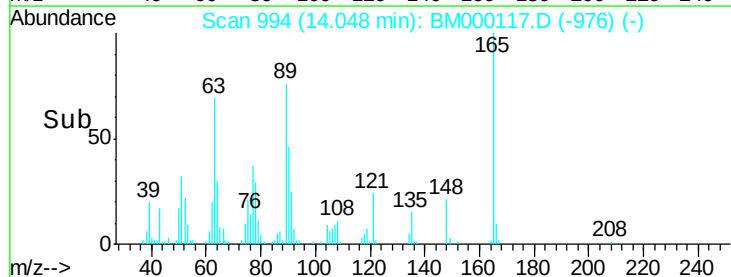
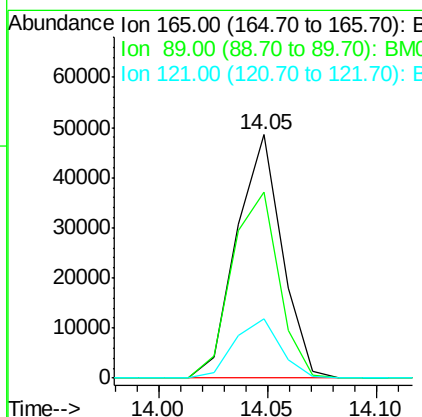
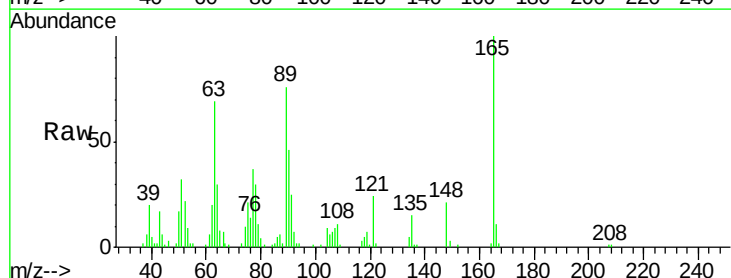
RT: 14.05 min Scan# 994

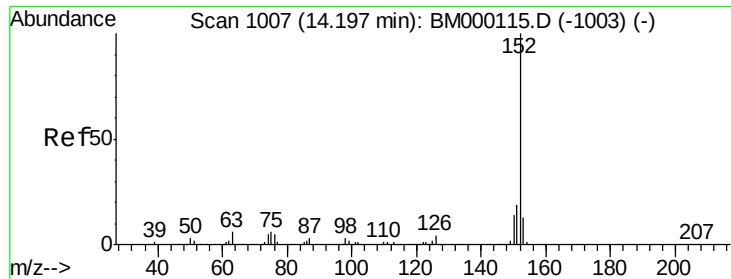
Delta R.T. 0.00 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	70687		
89	76.3		54.4	81.6
121	24.2		18.6	28.0





#47

Acenaphthylene

Concen: 5.82 ng/ul

RT: 14.20 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BM000117.D

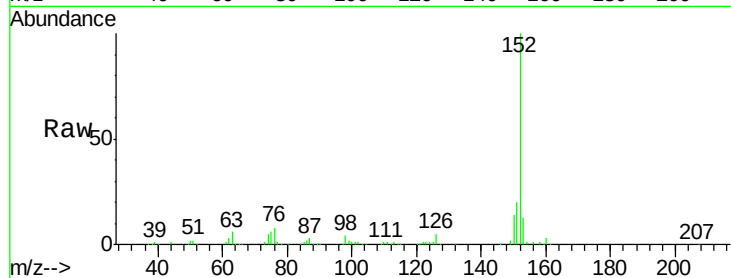
Acq: 02 Jan 2015 20:06

Instrument :

BNA_M

ClientSampleId :

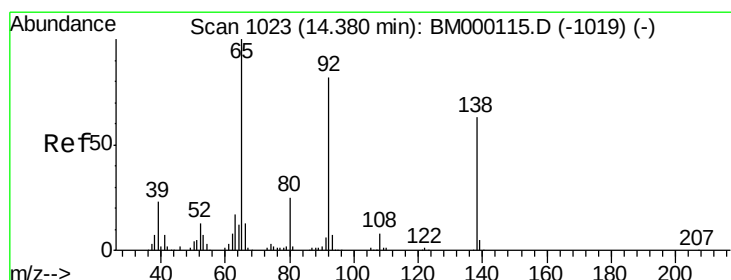
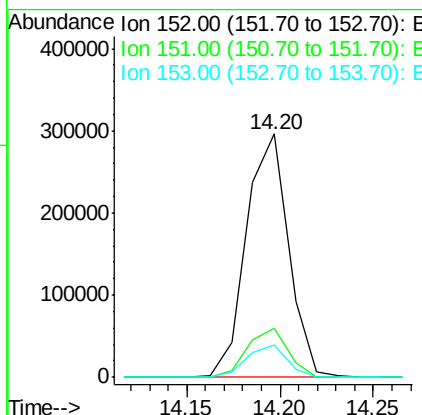
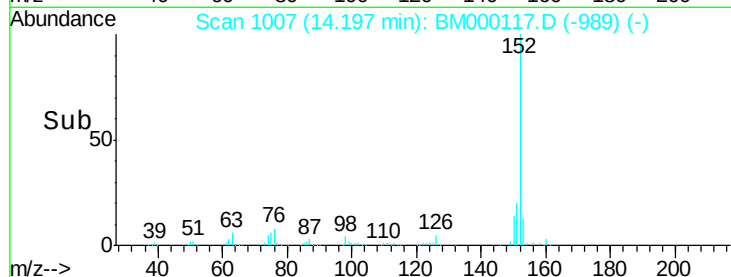
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Tgt Ion	Ratio	Resp	Lower	Upper
152	100	466105		
151	20.0	15.4	23.2	
153	13.4	10.2	15.2	

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#48

3-Nitroaniline

Concen: 6.06 ng/ul

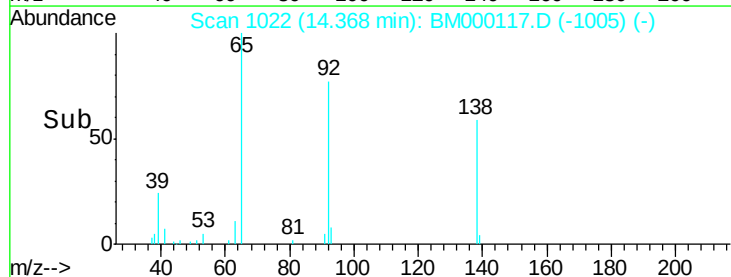
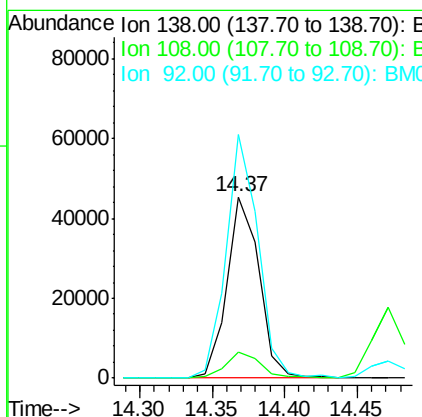
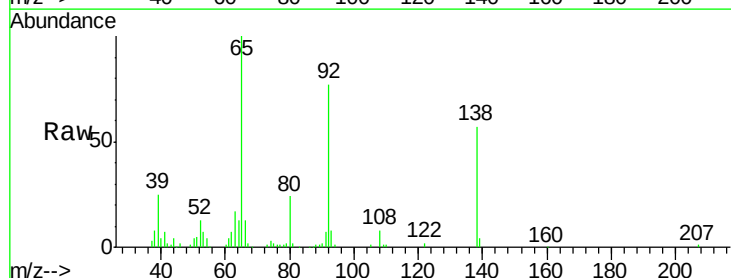
RT: 14.37 min Scan# 1022

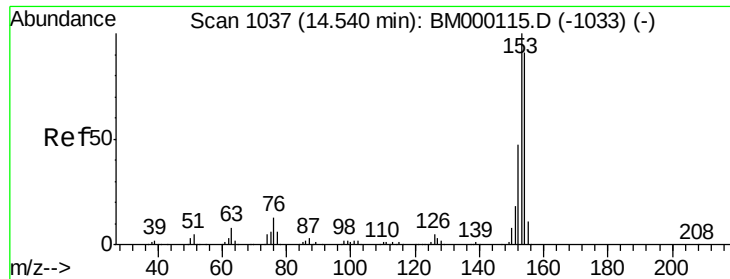
Delta R.T. -0.01 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	70031		
108	14.6	11.2	16.8	
92	134.5	110.6	165.8	





#49

Acenaphthene

Concen: 5.87 ng/ul

RT: 14.53 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BM000117.D

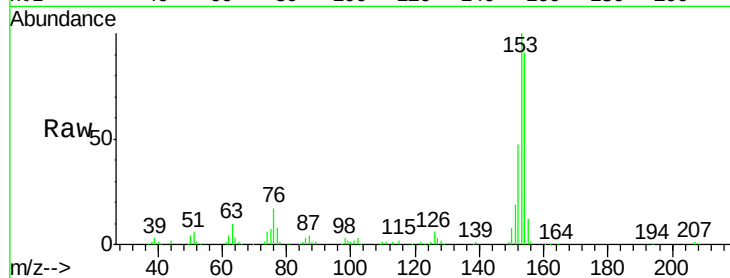
Acq: 02 Jan 2015 20:06

Instrument :

BNA_M

ClientSampleId :

MDL-07-S-ML



Tgt Ion:153 Resp: 299482

Ion Ratio Lower Upper

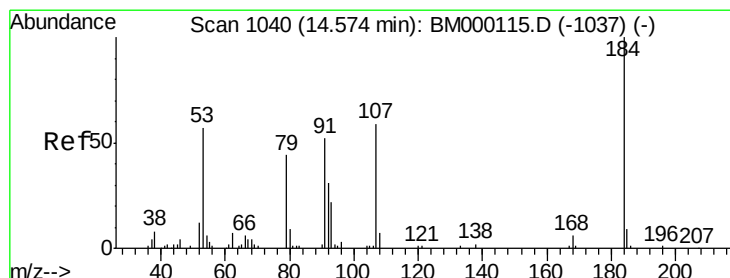
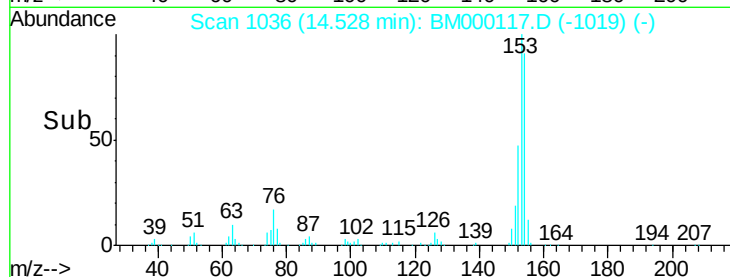
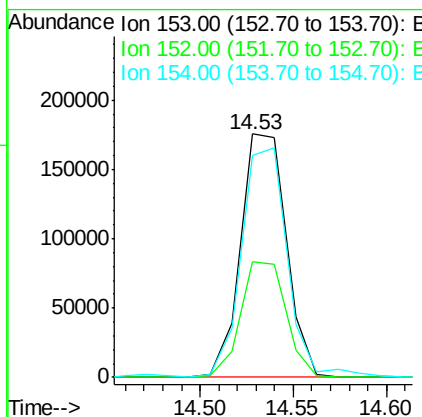
153 100

152 47.2 37.5 56.3

154 91.1 72.2 108.4

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#50

2,4-Dinitrophenol

Concen: 1.93 ng/ul

RT: 14.57 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

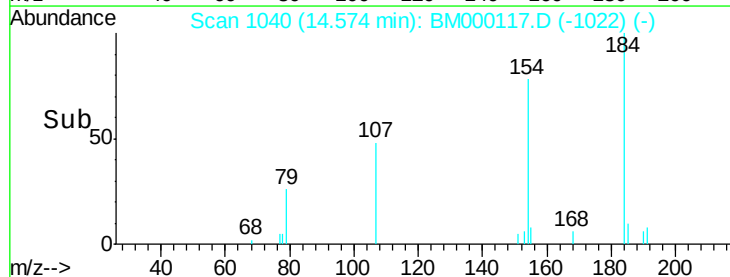
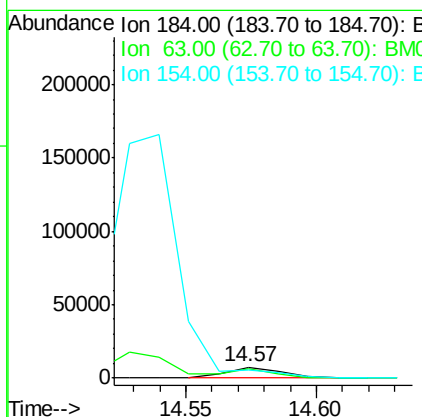
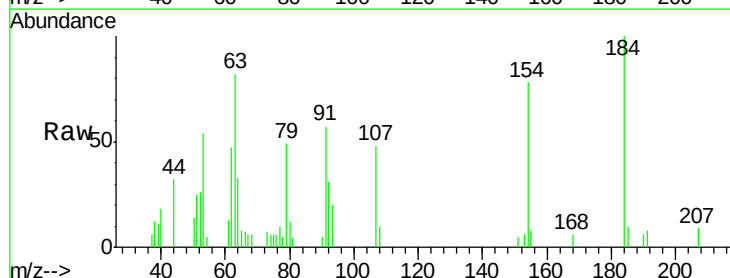
Tgt Ion:184 Resp: 11065

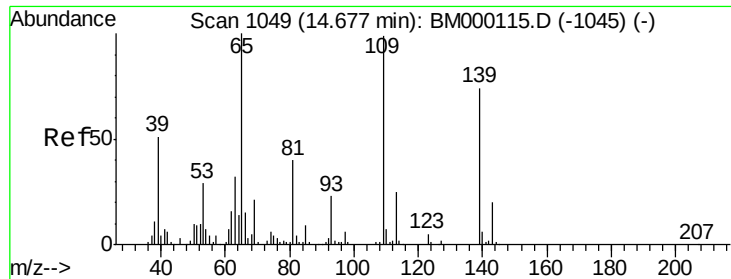
Ion Ratio Lower Upper

184 100

63 81.8 56.1 84.1

154 77.8 68.2 102.4





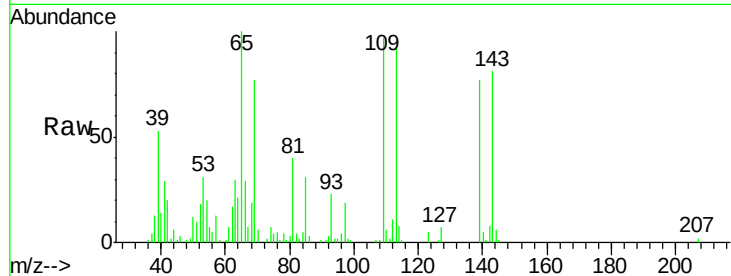
#52
4-Nitrophenol
Concen: 5.98 ng/ul
RT: 14.68 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Instrument :
BNA_M
ClientSampled :
MDL-07-S-ML

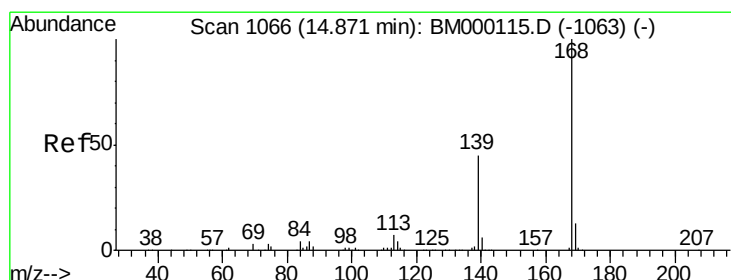
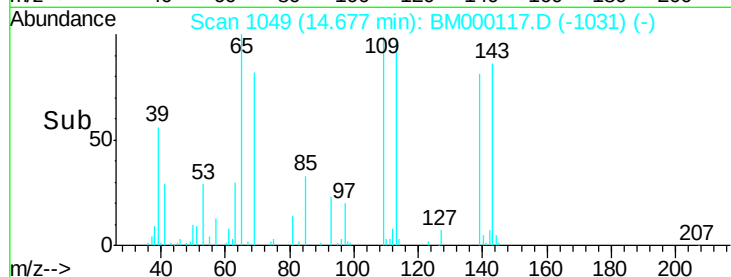
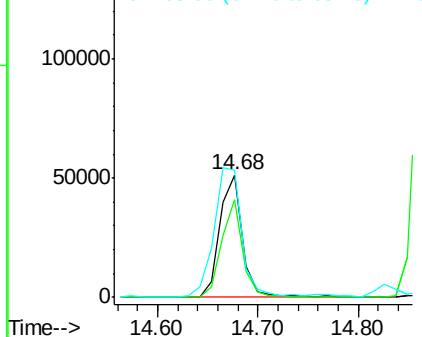
Tgt Ion	Ratio	Resp	Lower	Upper
109	100	81497		
139	79.4	62.5	93.7	
65	103.6	88.7	133.1	

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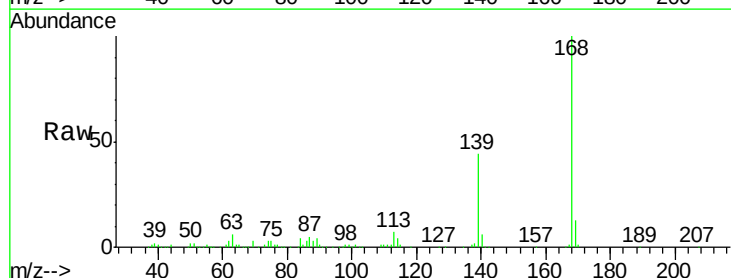


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

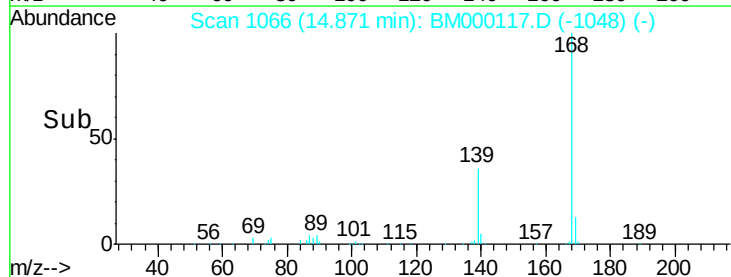
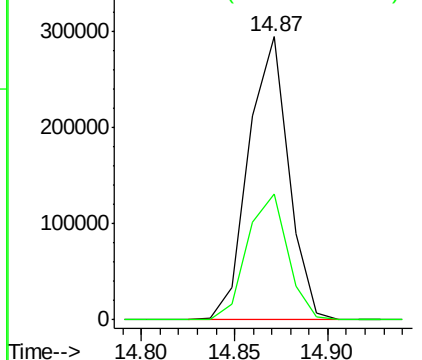


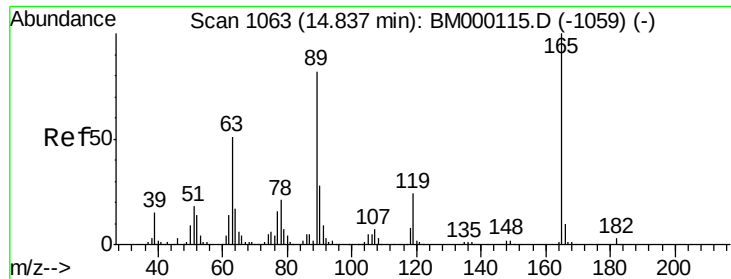
#53
Dibenzofuran
Concen: 5.92 ng/ul
RT: 14.87 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	437752		
139	44.4	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: 6.02 ng/ul

RT: 14.83 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

Instrument :

BNA_M

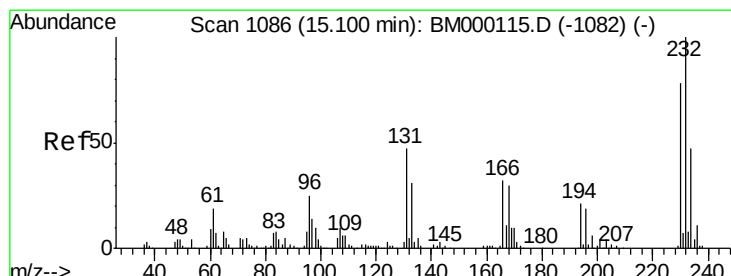
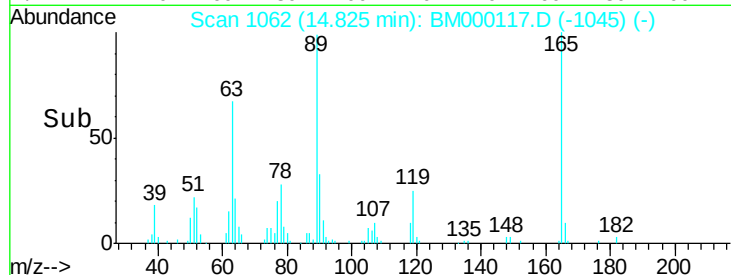
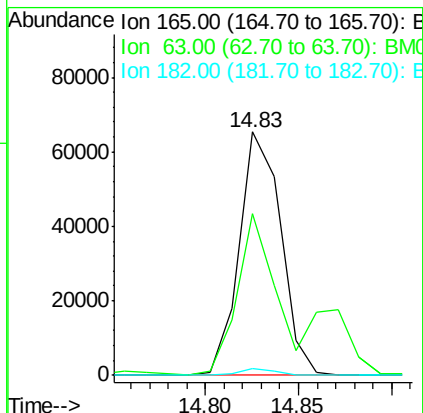
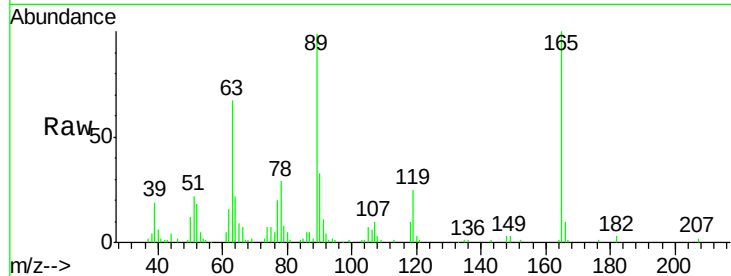
ClientSampleId :

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Tgt Ion:	165	Resp:	101525
Ion Ratio	Lower	Upper	
165	100		
63	66.6	48.8	73.2
182	2.8	2.1	3.1

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#55

2,3,4,6-Tetrachlorophenol

Concen: 5.82 ng/ul

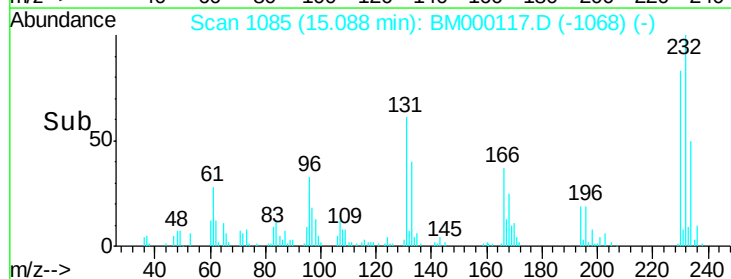
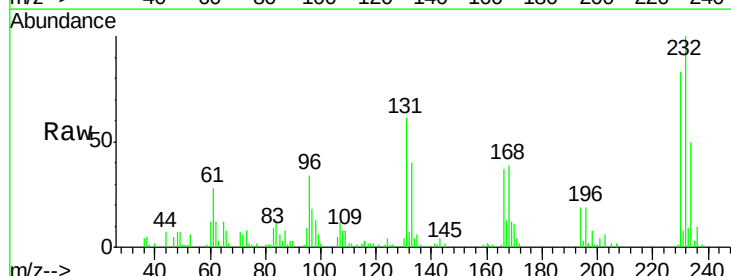
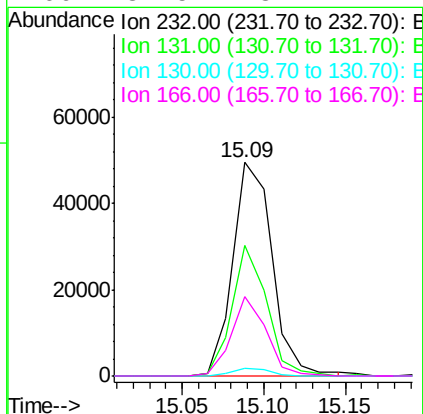
RT: 15.09 min Scan# 1085

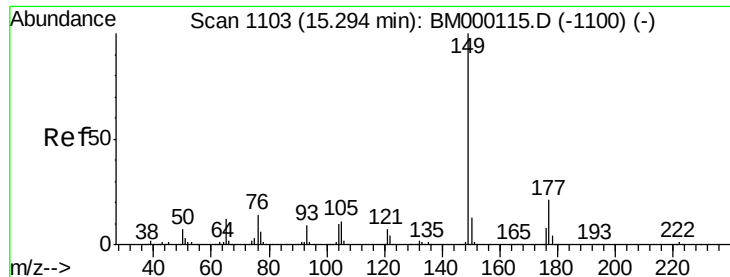
Delta R.T. -0.01 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

Tgt Ion:	232	Resp:	82815
Ion Ratio	Lower	Upper	
232	100		
131	61.4	43.4	65.0
130	3.7	2.7	4.1
166	37.5	28.2	42.4





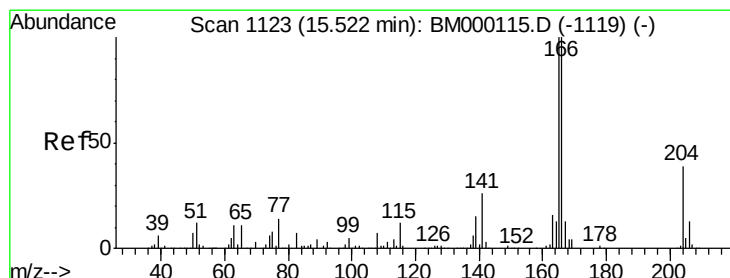
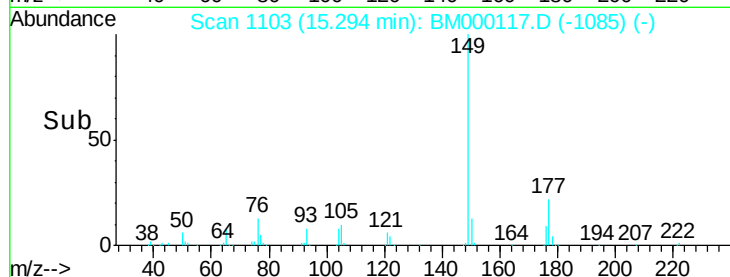
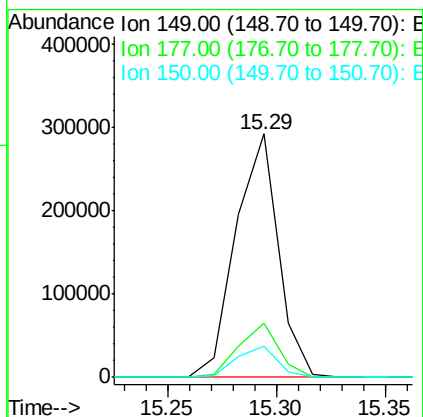
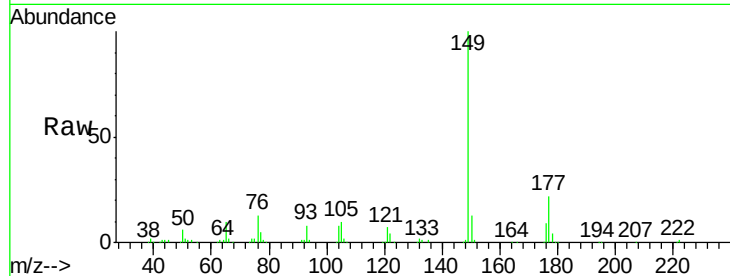
#56
Diethylphthalate
Concen: 5.96 ng/ul
RT: 15.29 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.2	17.4	26.2
150	12.6	10.5	15.7

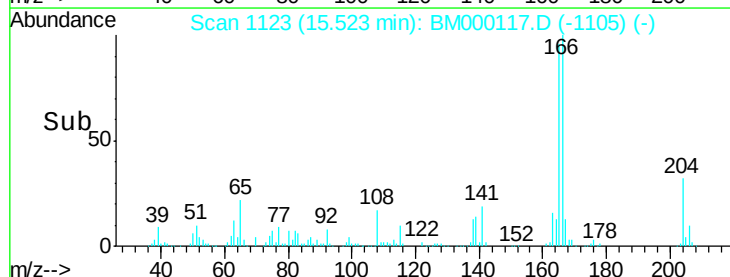
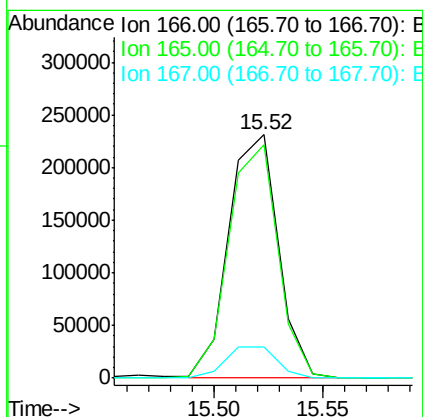
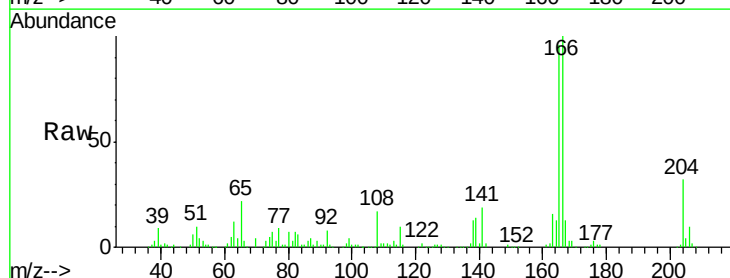
Manual Integrations
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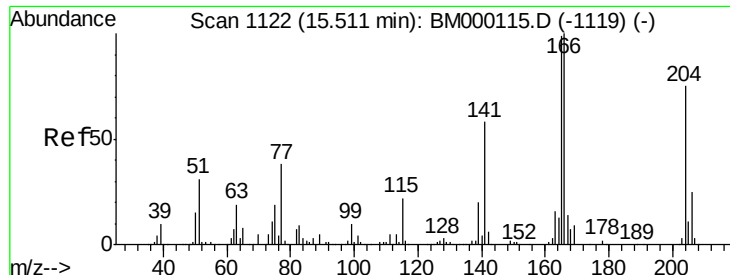
TEJASKUMAR
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#58
Fluorene
Concen: 5.99 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	95.8	76.0	114.0
167	12.8	10.2	15.4





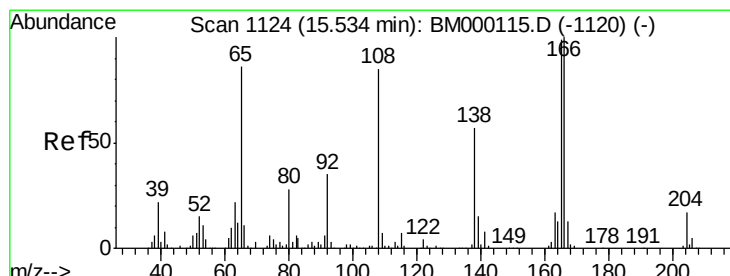
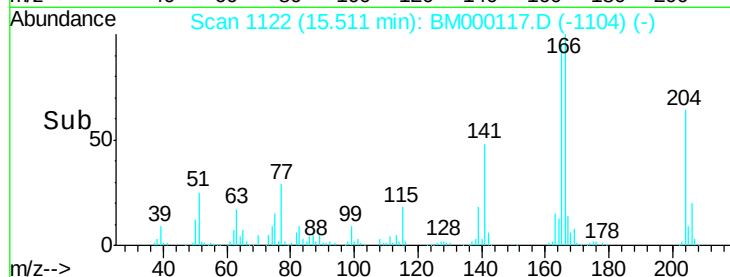
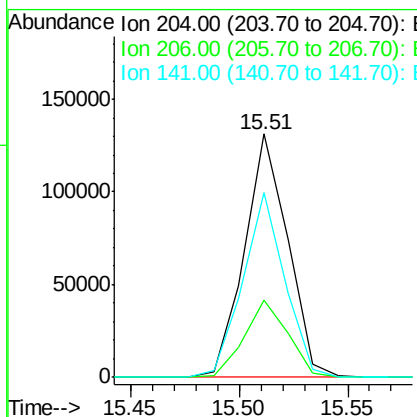
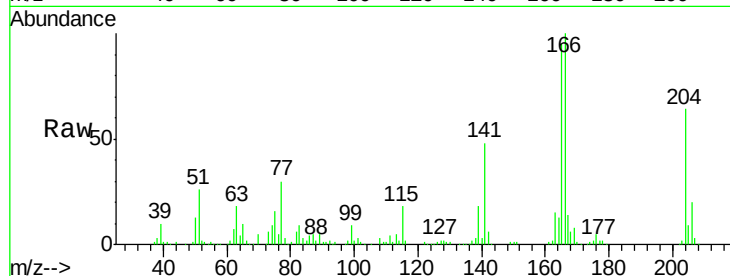
#59
 4-Chlorophenyl-phenylether
 Concen: 6.02 ng/ul
 RT: 15.51 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BM000117.D
 Acq: 02 Jan 2015 20:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	31.8	25.8	38.8
141	75.8	61.3	91.9

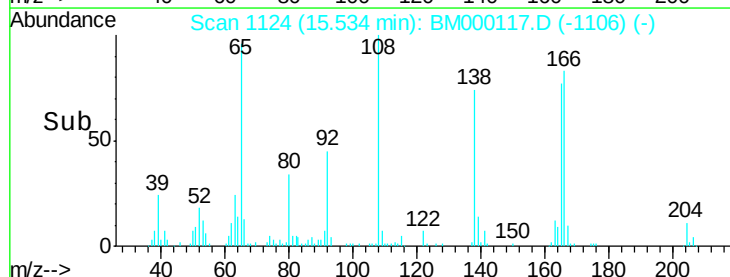
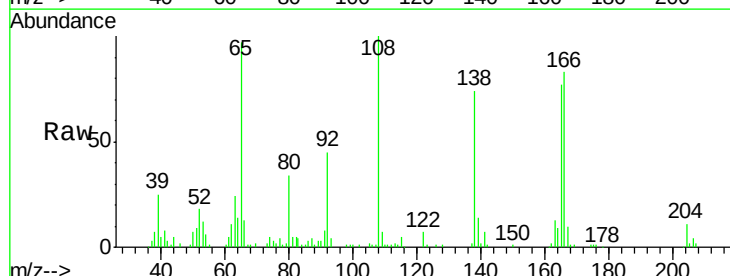
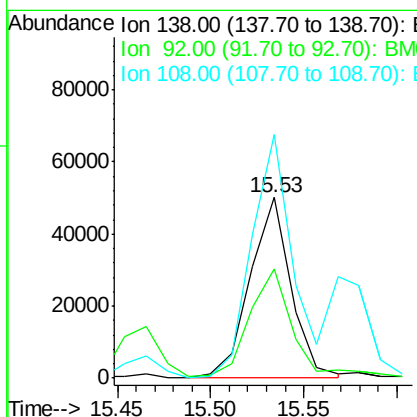
Manual Integrations
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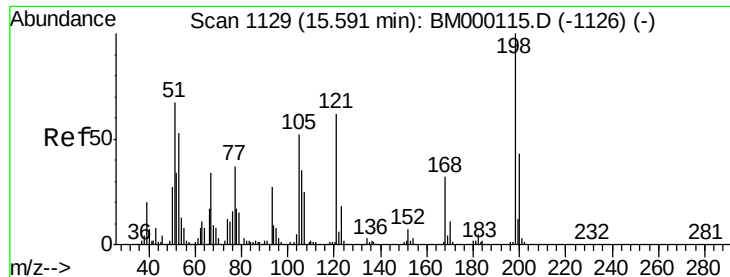
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#60
 4-Nitroaniline
 Concen: 5.84 ng/ul
 RT: 15.53 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BM000117.D
 Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	60.1	49.3	73.9
108	134.7	110.3	165.5





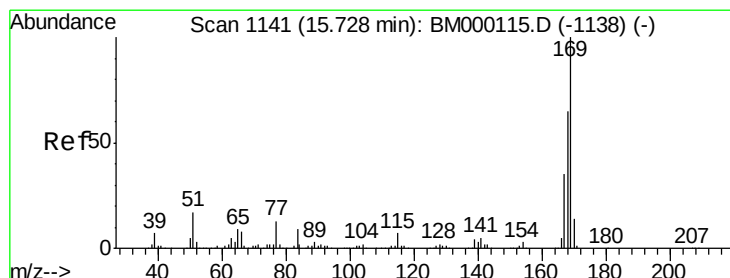
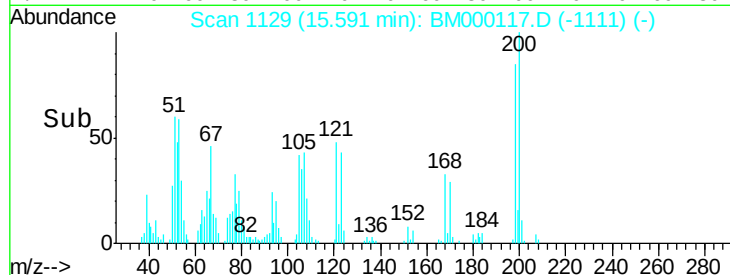
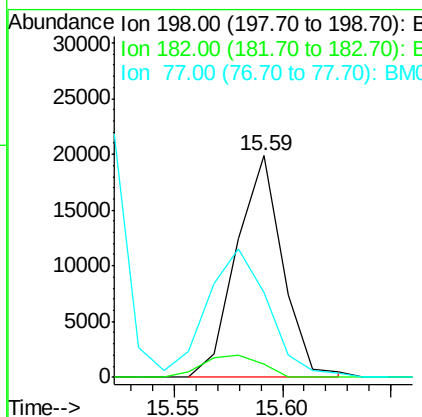
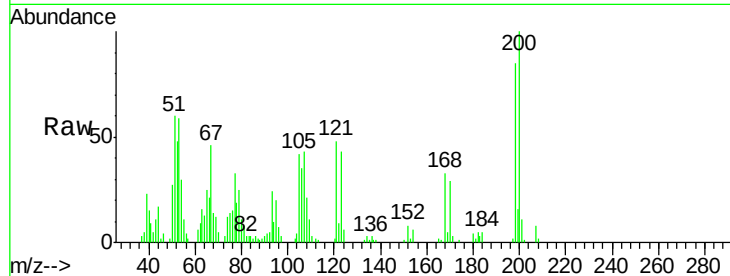
#63
 4,6-Dinitro-2-methylphenol
 Concen: 3.34 ng/ul
 RT: 15.59 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BM000117.D
 Acq: 02 Jan 2015 20:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	29544		
182	6.1	2.6	4.0#	
77	38.5	25.2	37.8#	

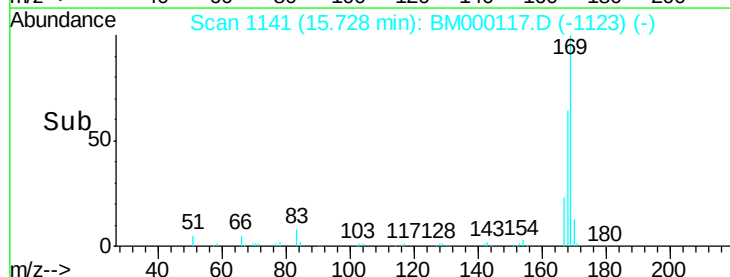
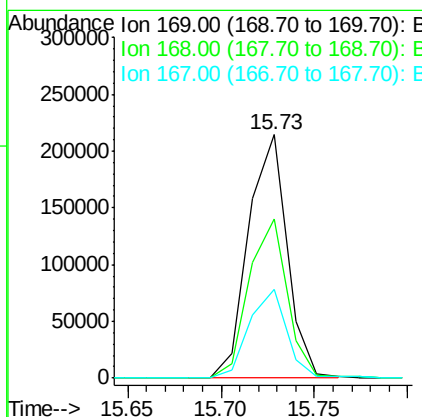
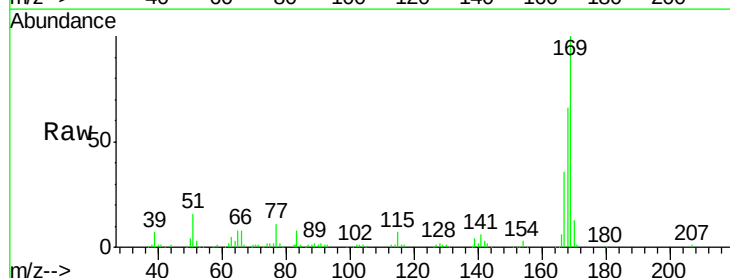
Manual Integrations
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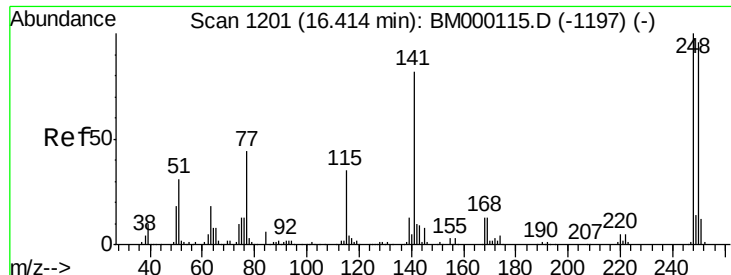
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#64
 N-Nitrosodiphenylamine
 Concen: 6.08 ng/ul
 RT: 15.73 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BM000117.D
 Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	307697		
168	65.5	51.8	77.6	
167	36.3	28.1	42.1	





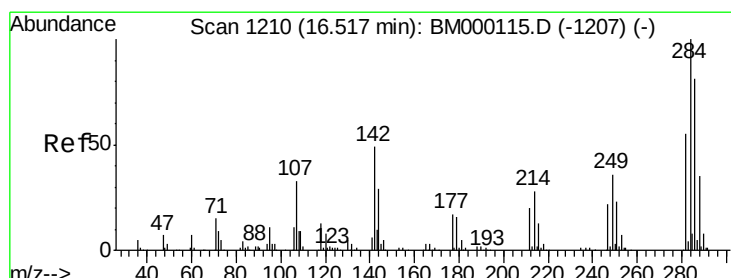
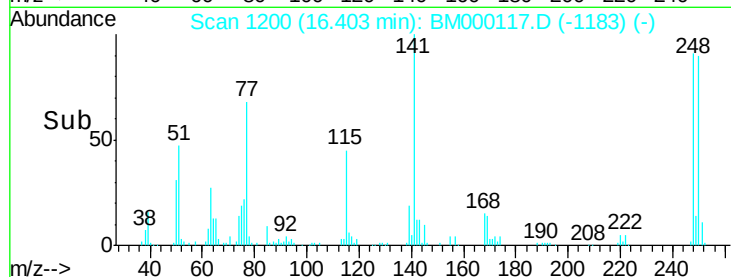
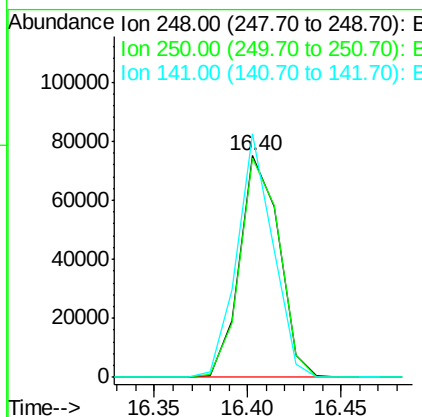
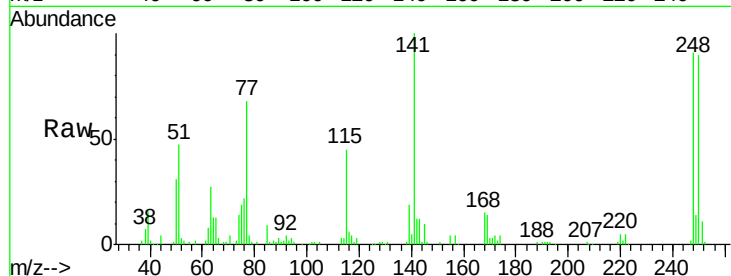
#65
4-Bromophenyl-phenylether
Concen: 6.20 ng/ul
RT: 16.40 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.4	117.6
141	110.0	67.0	100.4

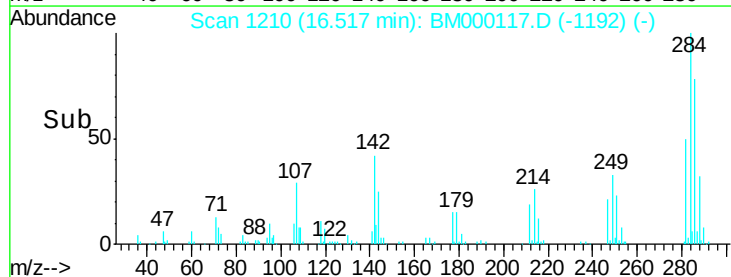
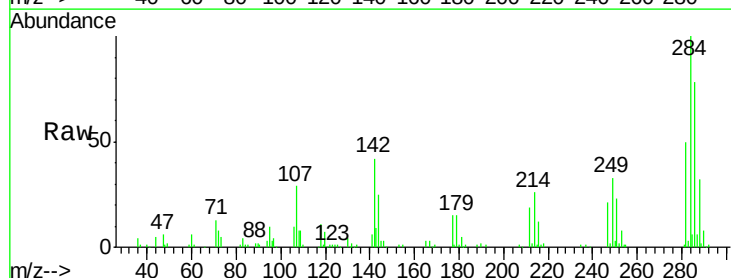
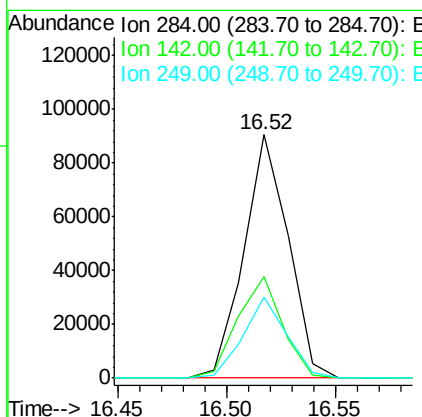
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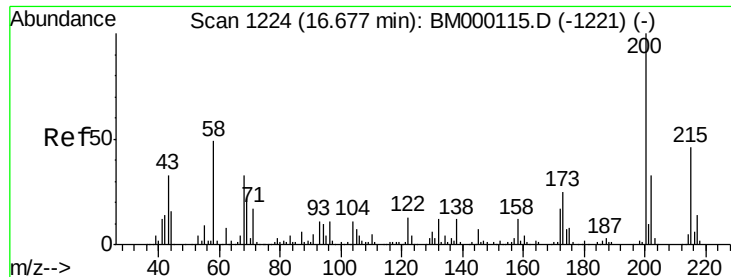
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#66
Hexachlorobenzene
Concen: 6.27 ng/ul
RT: 16.52 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.5	32.4	48.6
249	33.5	26.7	40.1





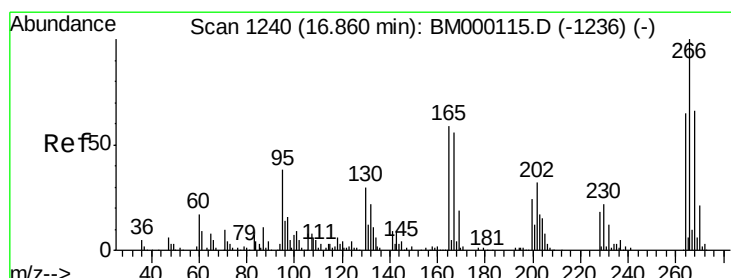
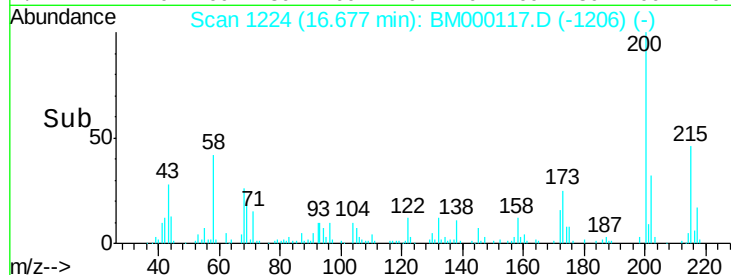
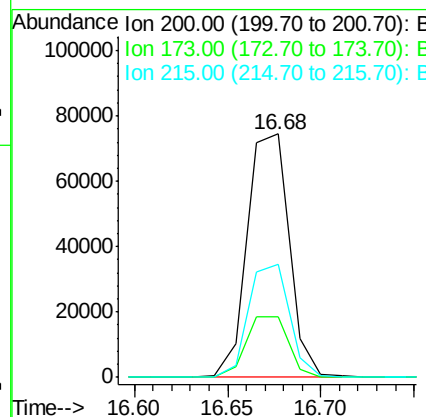
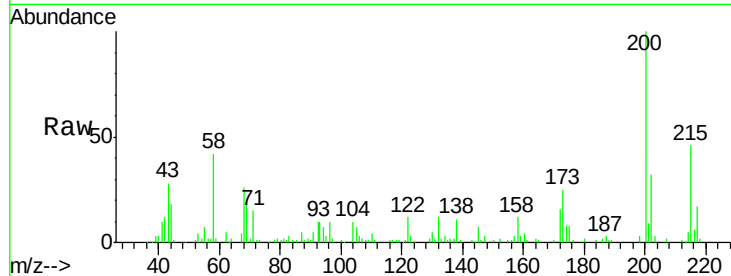
#67
 Atrazine
 Concen: 5.84 ng/ul
 RT: 16.68 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BM000117.D
 Acq: 02 Jan 2015 20:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.0	19.5	29.3
215	46.3	36.6	54.8

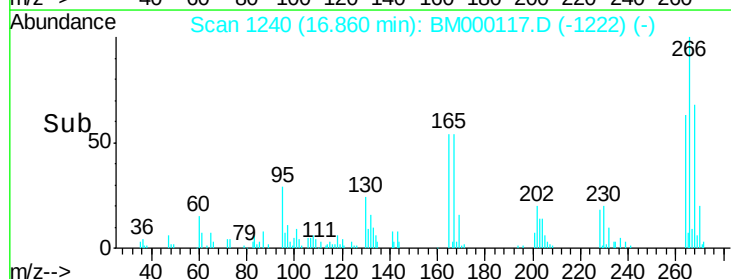
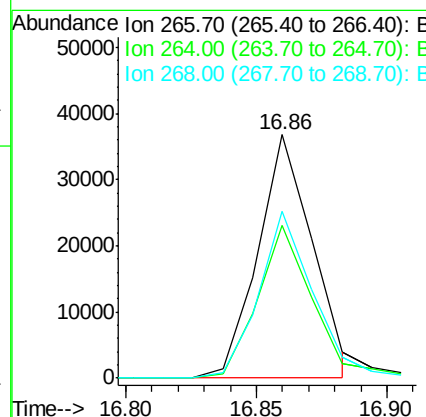
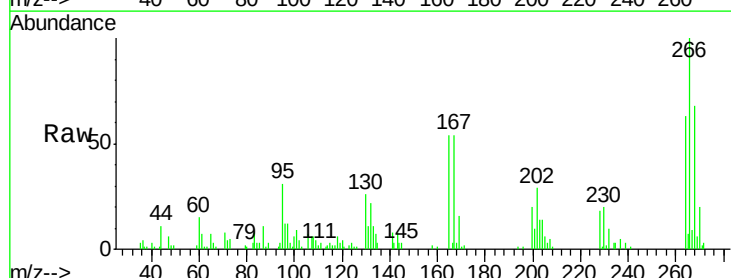
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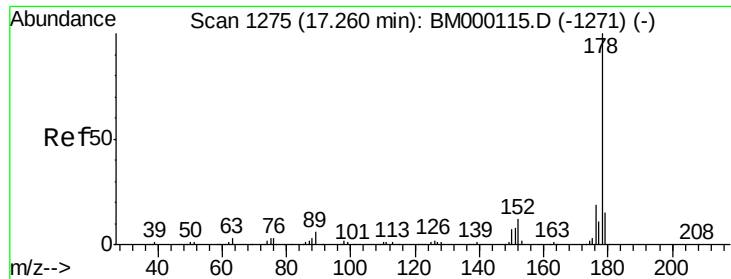
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#68
 Pentachlorophenol
 Concen: 4.32 ng/ul
 RT: 16.86 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BM000117.D
 Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	62.9	49.8	74.6
268	68.3	48.2	72.4





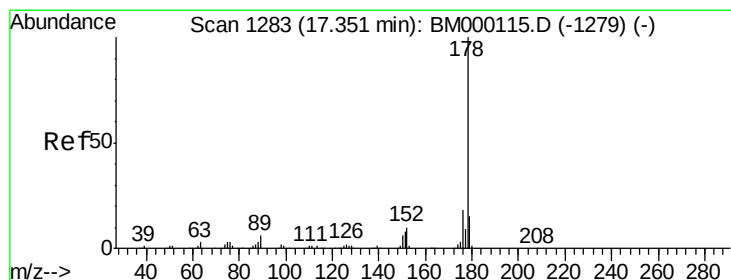
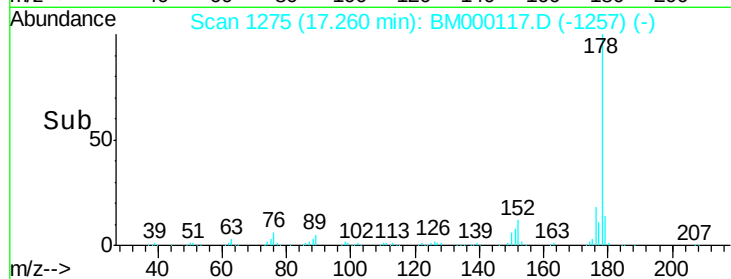
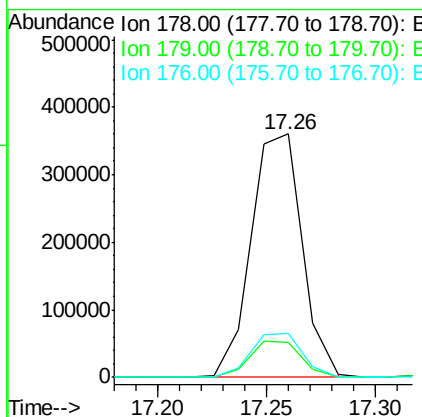
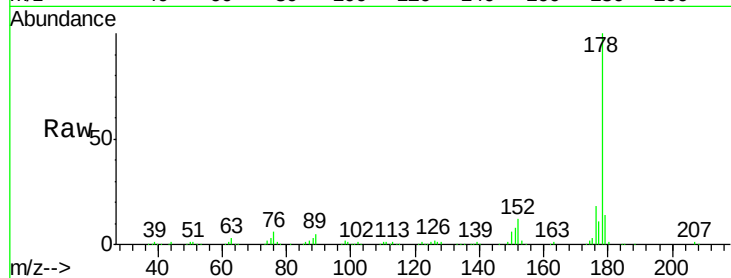
#69
Phenanthrene
Concen: 6.27 ng/ul
RT: 17.26 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	591839		
179	14.5	11.6	17.4	
176	18.1	14.6	22.0	

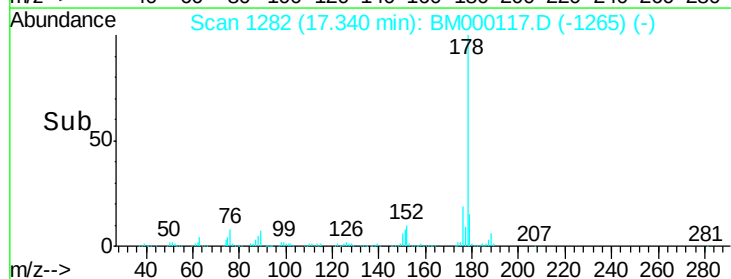
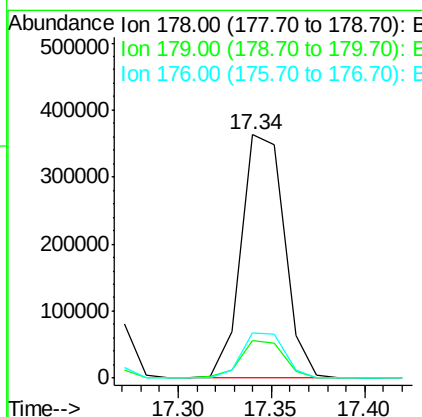
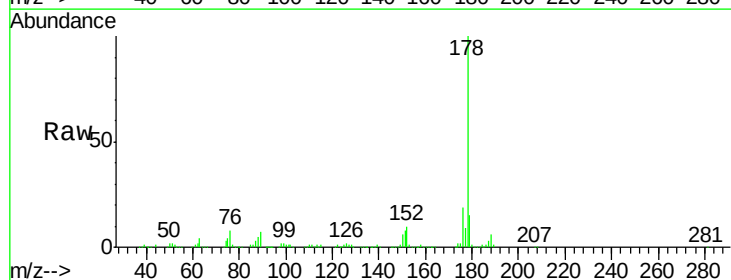
Manual Integrations
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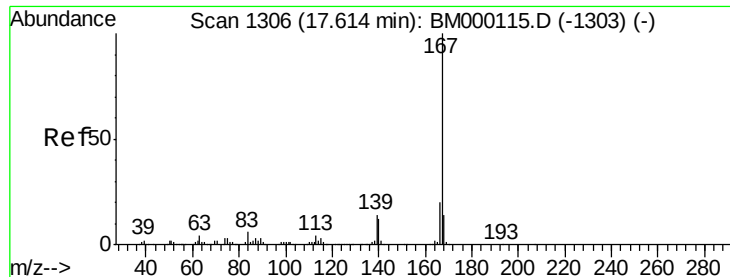
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#71
Anthracene
Concen: 5.99 ng/ul
RT: 17.34 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	581032		
179	15.3	12.6	18.8	
176	18.6	14.6	21.8	





#72

Carbazole

Concen: 5.92 ng/ul

RT: 17.61 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BM000117.D

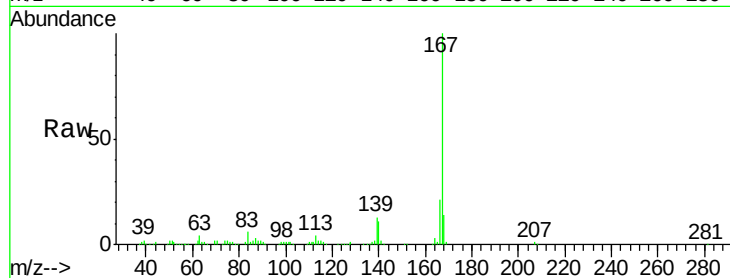
Acq: 02 Jan 2015 20:06

Instrument :

BNA_M

ClientSampleId :

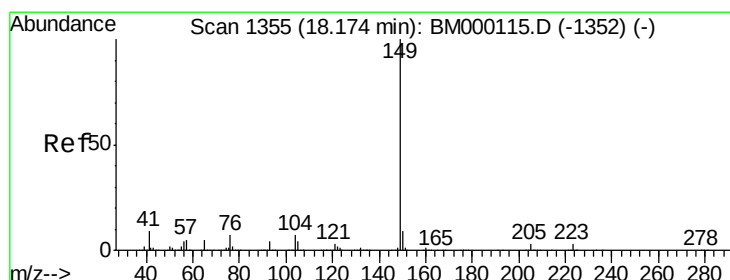
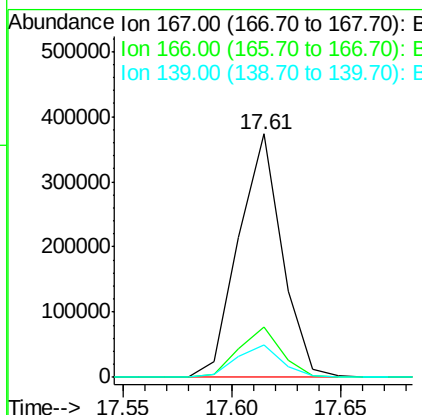
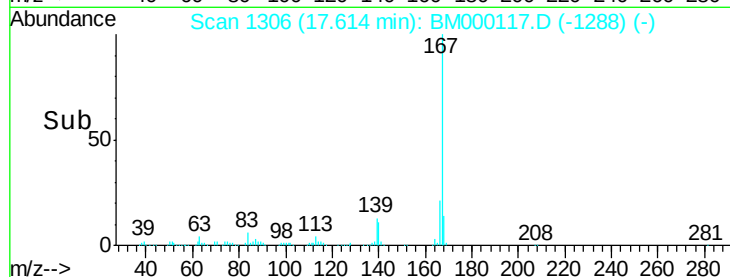
MDL-07-S-ML



Tgt Ion:	167	Resp:	517415
Ion Ratio		Lower	Upper
167	100		
166	20.8	16.2	24.4
139	13.2	10.7	16.1

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#73

Di-n-butylphthalate

Concen: 6.11 ng/ul

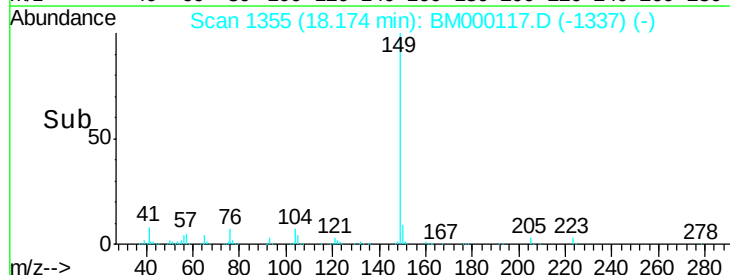
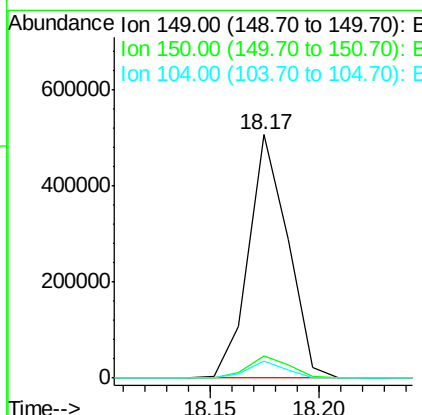
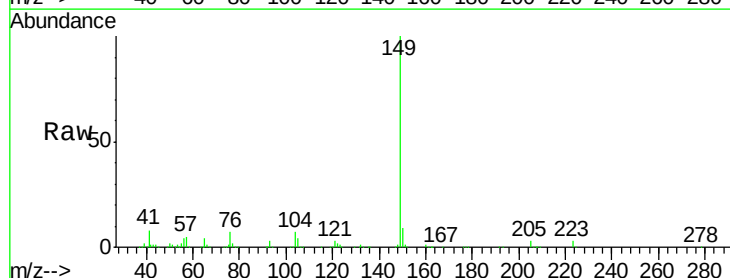
RT: 18.17 min Scan# 1355

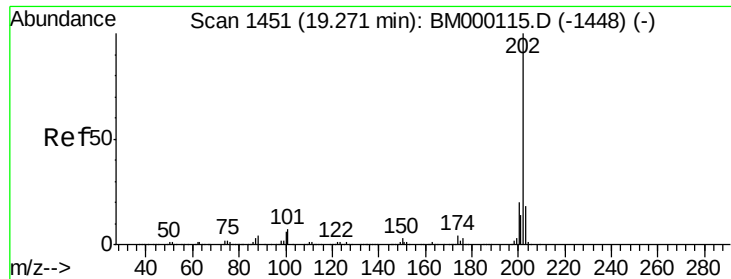
Delta R.T. 0.00 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

Tgt Ion:	149	Resp:	637086
Ion Ratio		Lower	Upper
149	100		
150	9.2	7.1	10.7
104	7.1	4.8	7.2





#74

Fluoranthene

Concen: 6.03 ng/ul

RT: 19.27 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

Instrument :

BNA_M

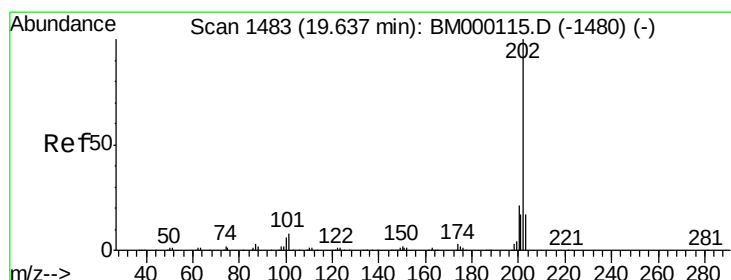
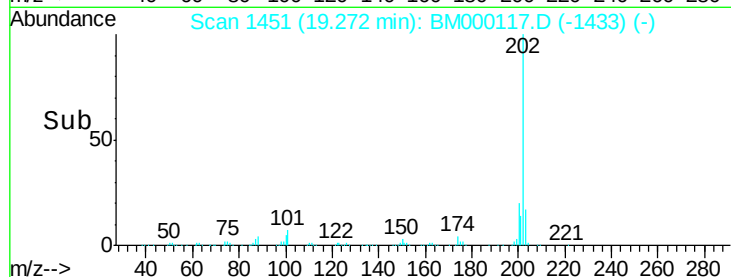
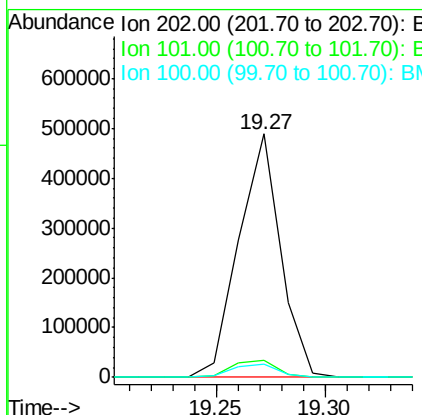
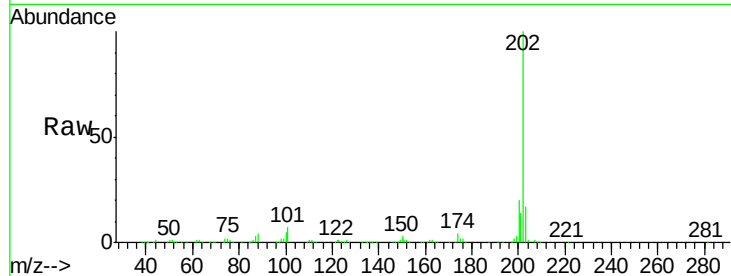
ClientSampleId :

MDL-07-S-ML

Tgt	Ion	202	Resp:	652417
Ion	Ratio	Lower	Upper	
202	100			
101	7.2	6.4	9.6	
100	5.3	4.6	7.0	

Manual Integrations
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#77

Pyrene

Concen: 7.21 ng/ul

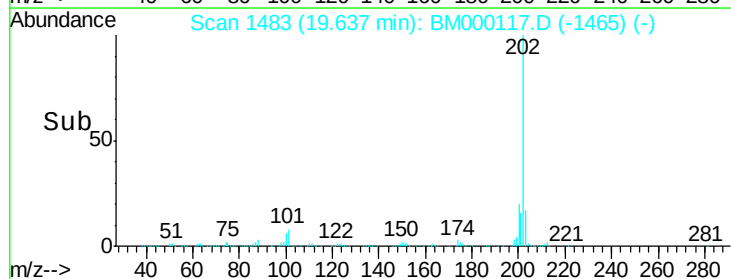
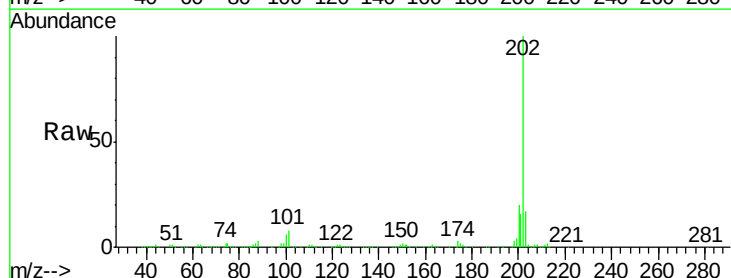
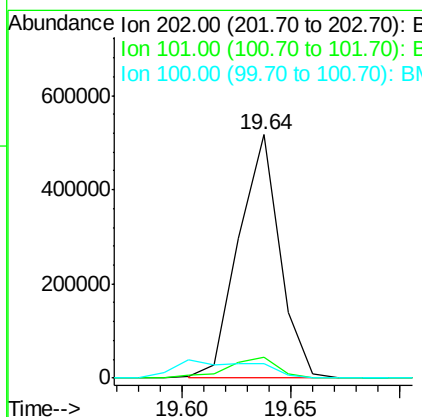
RT: 19.64 min Scan# 1483

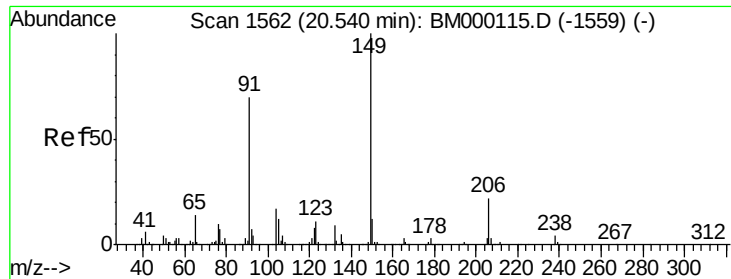
Delta R.T. 0.00 min

Lab File: BM000117.D

Acq: 02 Jan 2015 20:06

Tgt	Ion	202	Resp:	675077
Ion	Ratio	Lower	Upper	
202	100			
101	8.5	6.9	10.3	
100	6.1	5.5	8.3	





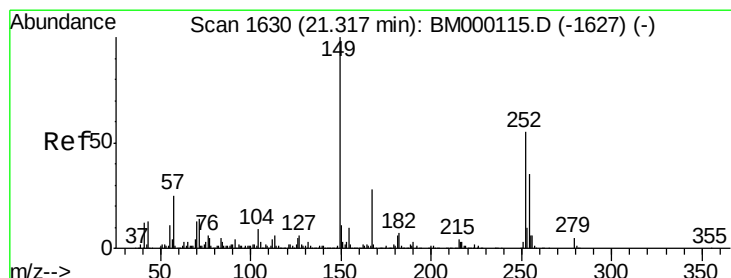
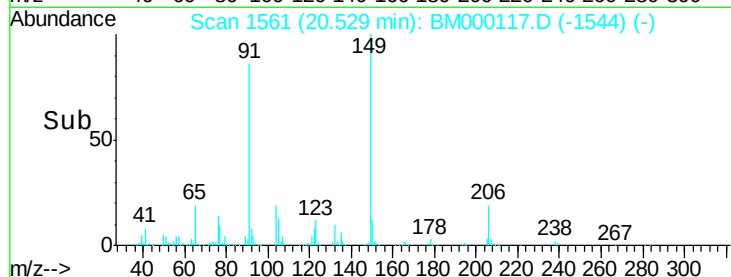
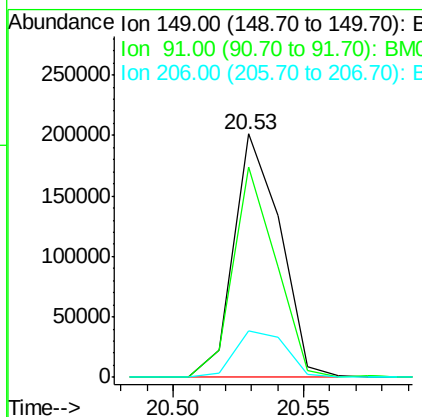
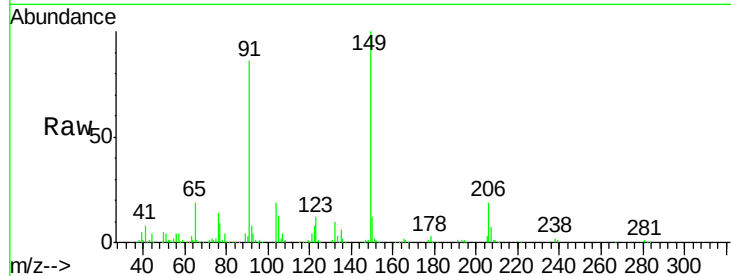
#78
Butylbenzylphthalate
Concen: 6.59 ng/ul
RT: 20.53 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	86.2	56.6	84.8#
206	18.9	16.8	25.2

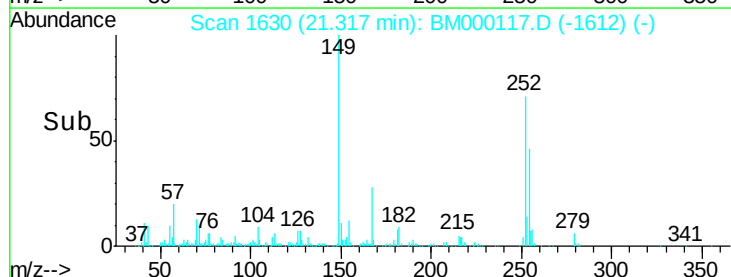
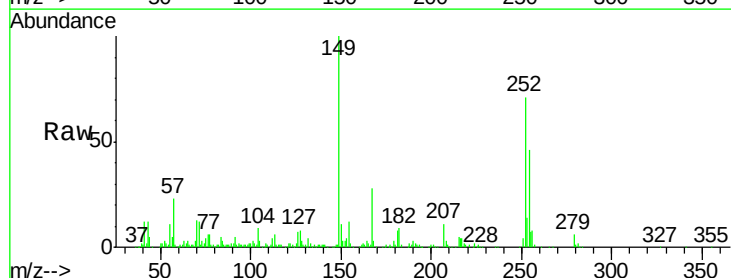
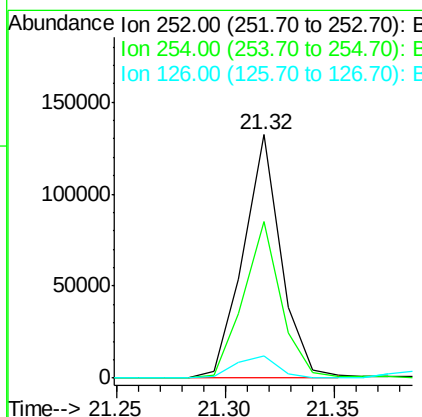
Manual Integrations
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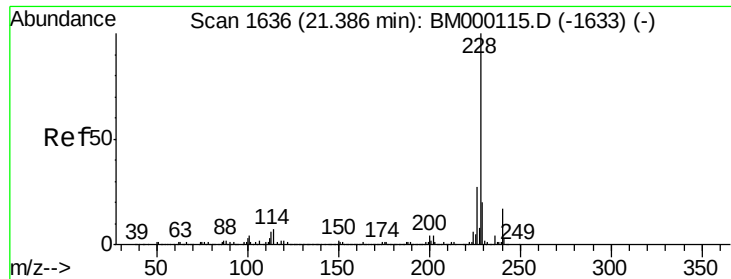
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#79
3,3'-Dichlorobenzidine
Concen: 5.64 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.3	51.2	76.8
126	9.3	7.9	11.9





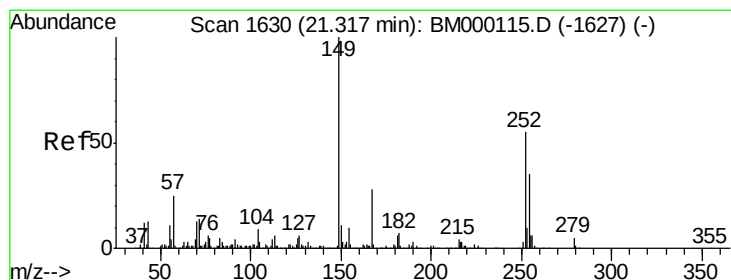
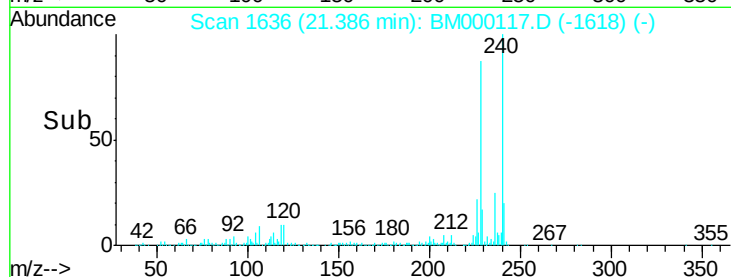
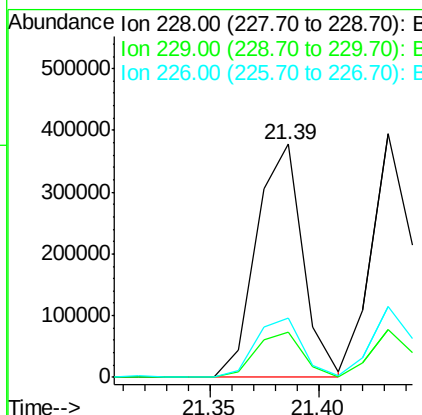
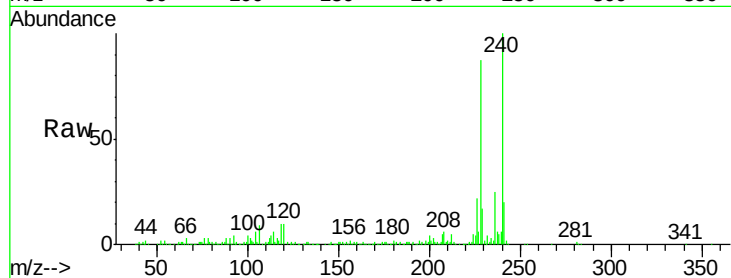
#80
Benzo(a)anthracene
Concen: 6.26 ng/ul
RT: 21.39 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.8	23.8
226	25.6	20.7	31.1

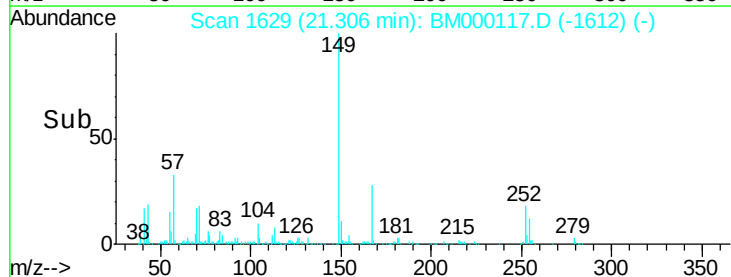
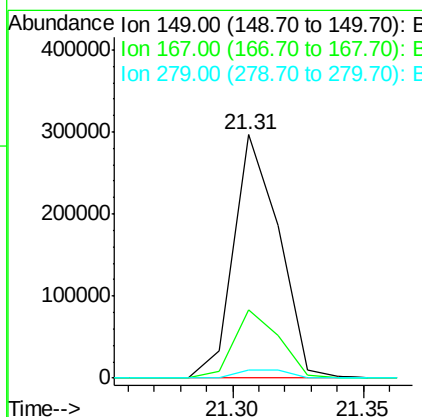
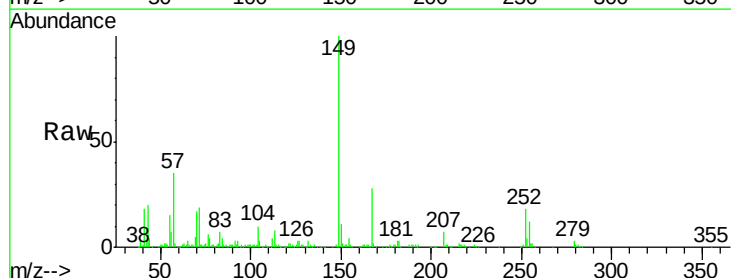
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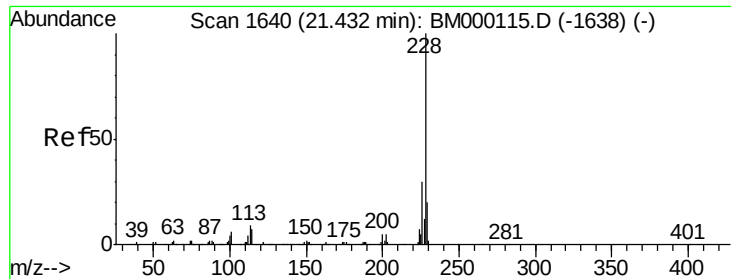
TEJASKUMAR
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#81
Bis(2-ethylhexyl)phthalate
Concen: 6.52 ng/ul
RT: 21.31 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	3.1	3.0	4.6





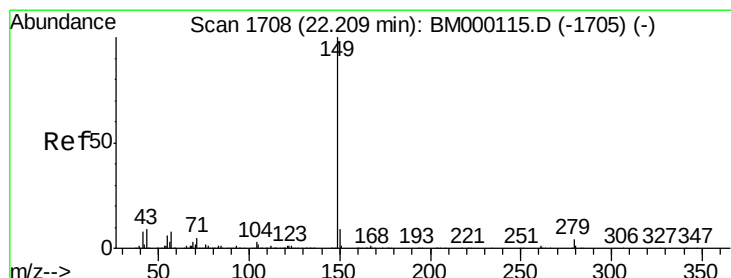
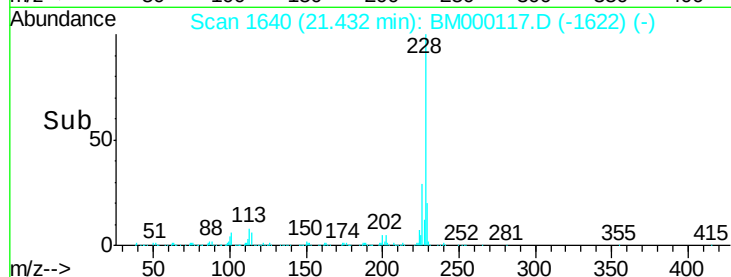
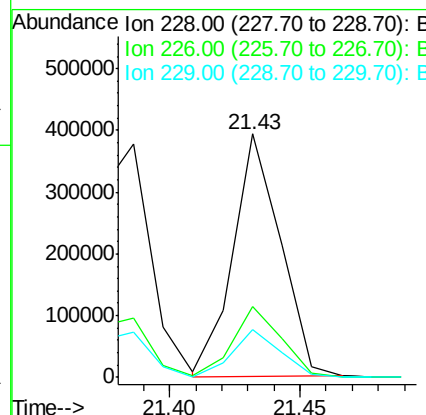
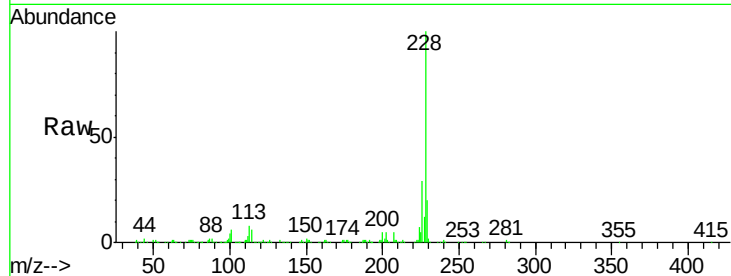
#82
Chrysene
Concen: 6.05 ng/ul
RT: 21.43 min Scan# 1640
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.4	23.0	34.4
229	19.7	15.6	23.4

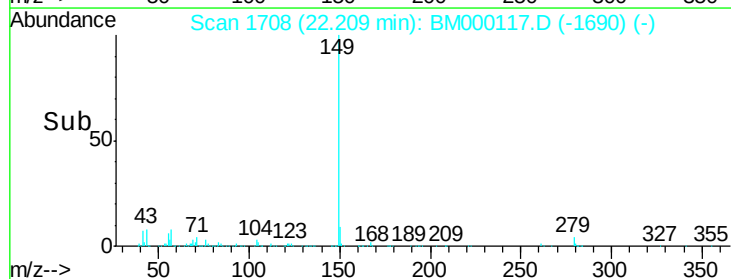
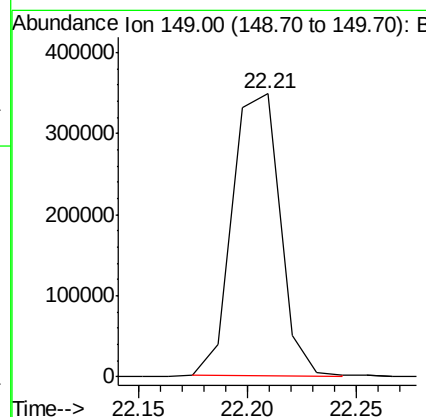
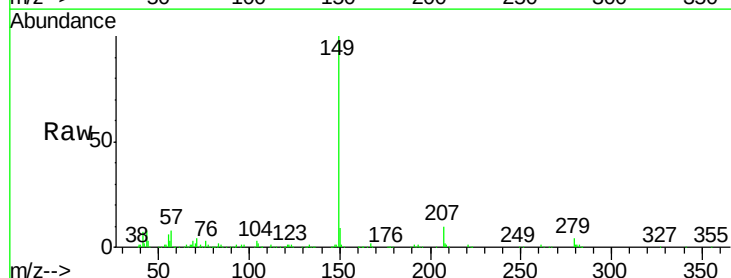
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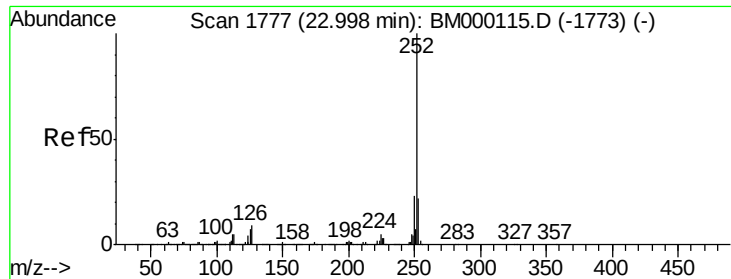
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#84
Di-n-octyl phthalate
Concen: 6.45 ng/ul
RT: 22.21 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Tgt Ion:149 Resp: 531242





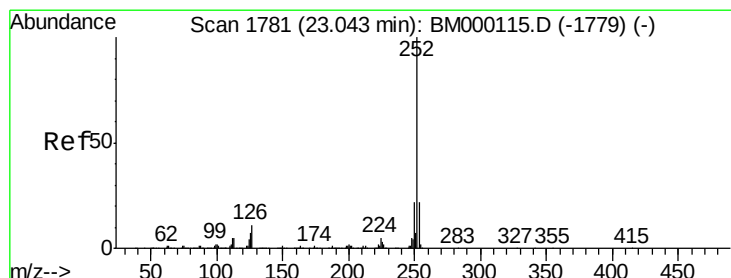
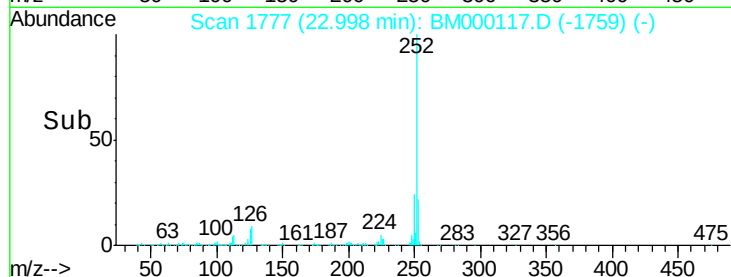
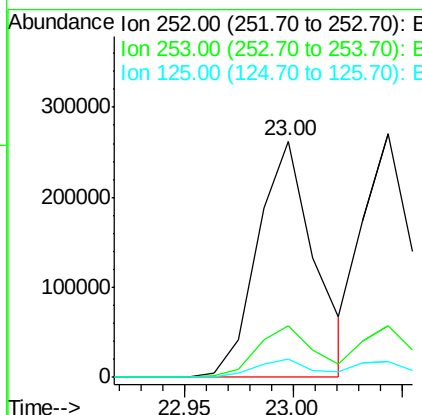
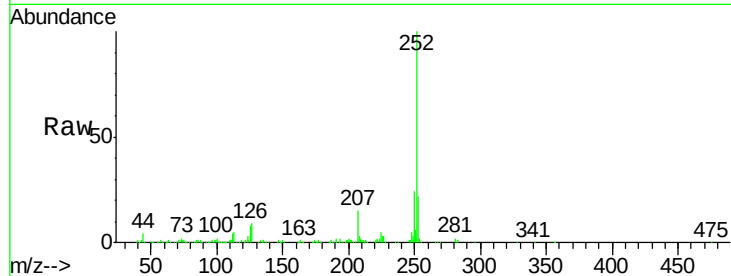
#85
Benzo(b)fluoranthene
Concen: 6.25 ng/ul
RT: 23.00 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	477572		
253	21.7	17.1	25.7	
125	7.5	4.8	7.2#	

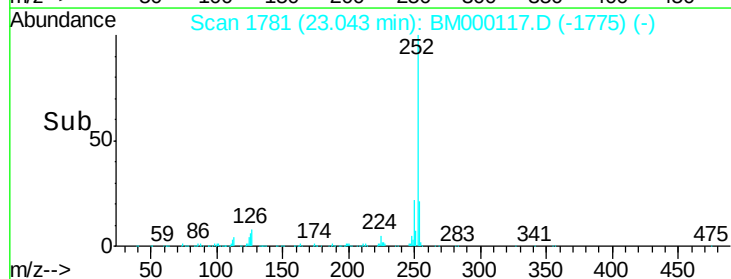
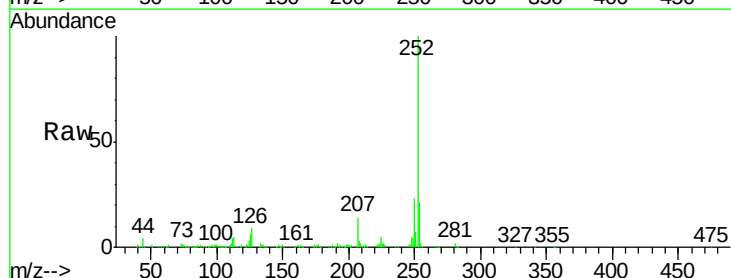
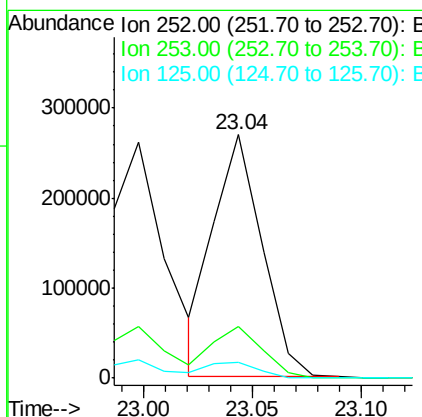
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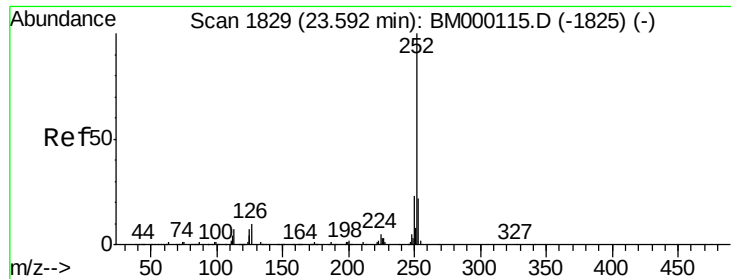
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#86
Benzo(k)fluoranthene
Concen: 6.39 ng/ul
RT: 23.04 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	416958		
253	21.4	17.2	25.8	
125	6.4	4.9	7.3	





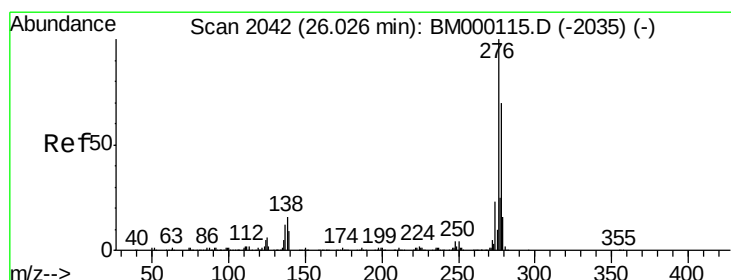
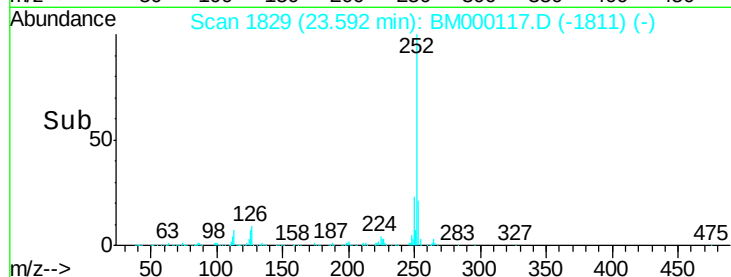
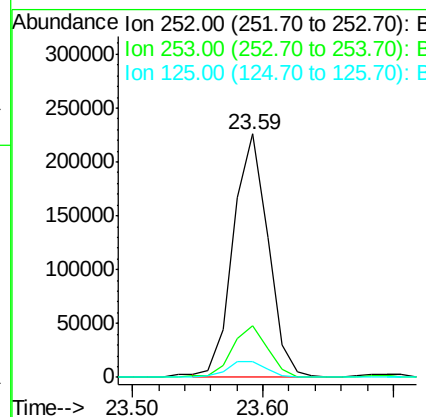
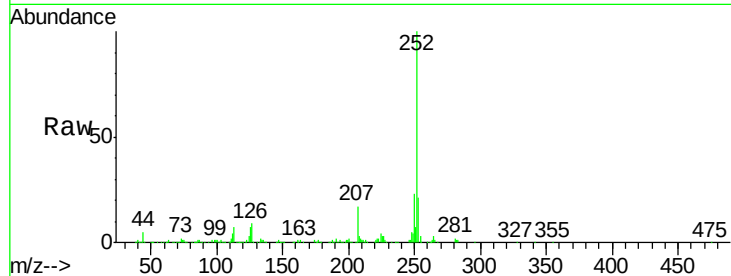
#88
Benzo(a)pyrene
Concen: 6.15 ng/ul
RT: 23.59 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	412938		
253	21.0	17.0	25.6	
125	6.5	5.8	8.6	

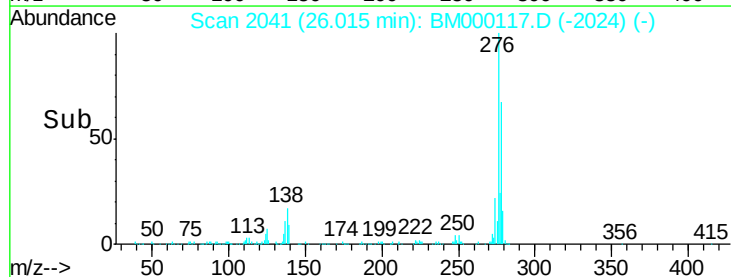
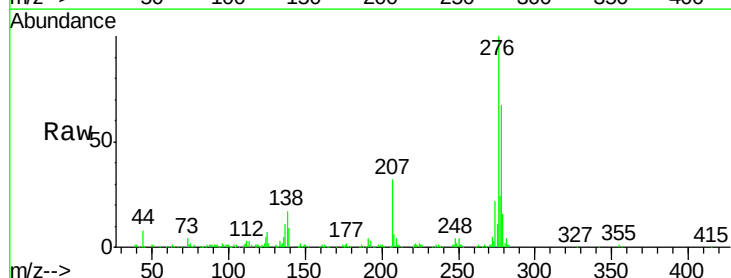
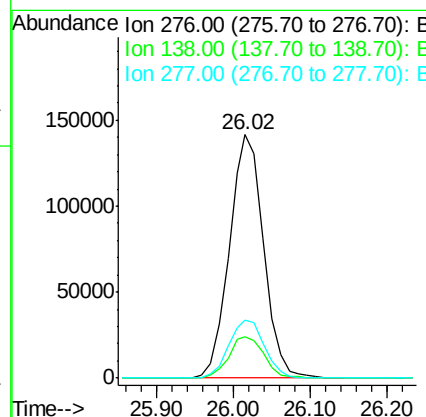
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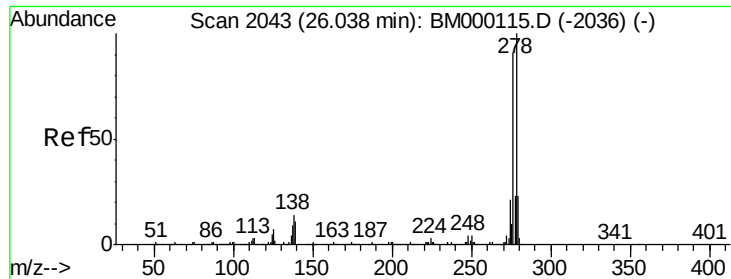
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#89
Indeno(1,2,3-cd)pyrene
Concen: 6.29 ng/ul
RT: 26.02 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	440289		
138	17.2	14.2	21.2	
277	23.8	18.8	28.2	





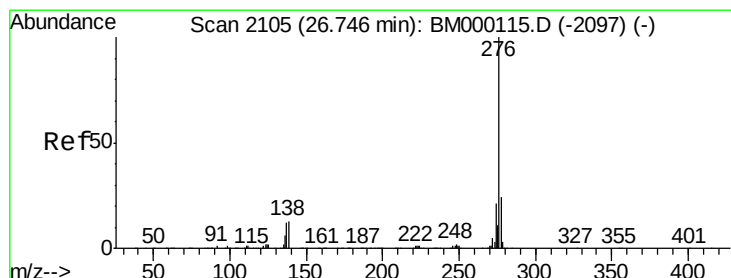
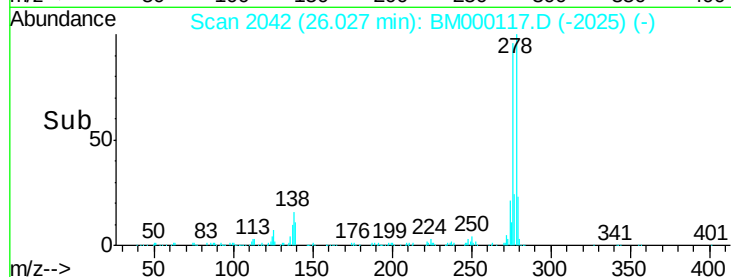
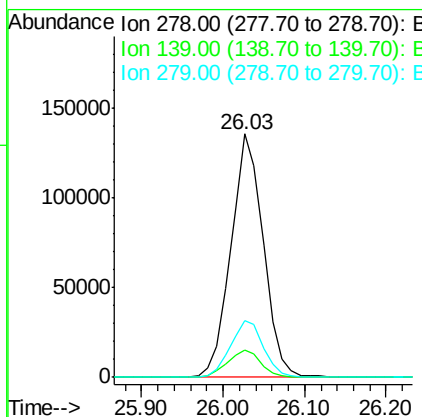
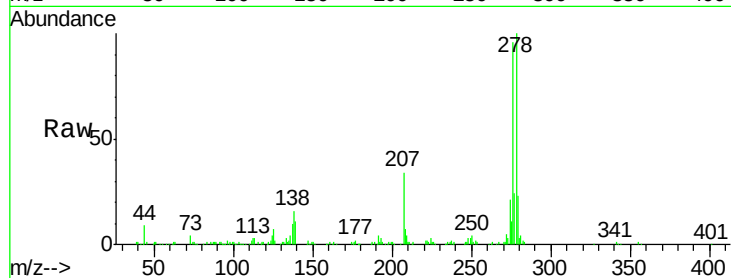
#90
Dibenzo(a,h)anthracene
Concen: 6.30 ng/ul
RT: 26.03 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	371569		
139	11.1	10.2	15.2	
279	23.2	19.2	28.8	

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 6.29 ng/ul
RT: 26.72 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM000117.D
Acq: 02 Jan 2015 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	361628		
138	14.8	12.1	18.1	
277	22.8	19.0	28.4	

