

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042915\
 Data File : BM001136.D
 Acq On : 28 Apr 2015 19:57
 Operator : TP/IZ
 Sample : G1998-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1Q42

Manual Integrations
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 4/30/2015 8:44:19 AM

Quant Time: Apr 29 05:34:25 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 29 05:05:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	157318	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	658623	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	377010	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	844621	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	955363	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	944060	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	15109	4.35	ng/uL	0.00
5) Phenol-d5	6.72	99	355111	27.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	219748	26.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	279755	27.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	285313	27.06	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	128972	28.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	143704	29.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	294495	30.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	338821	30.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	951755	36.51	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	1149747	31.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	161648	29.48	ng/ul	0.00
57) Fluorene-d10	15.20	176	888601	34.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	129150	25.52	ng/ul	0.00
70) Anthracene-d10	17.06	188	1491422	38.11	ng/ul	0.00
76) Pyrene-d10	19.36	212	1711806	40.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	1678429	39.21	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.75	94	511203	36.58	ng/ul	99
20) Nitrobenzene	8.73	77	433201	34.77	ng/ul	98
21) Isophorone	9.26	82	1002988	46.85	ng/ul	99
27) 2,4-Dichlorophenol	9.98	162	643311	67.18	ng/ul	99
28) Naphthalene	10.37	128	1736186	49.98	ng/ul	100
32) Caprolactam	11.23	113	15667m	5.22	ng/ul	
38) 2,4,6-Trichlorophenol	12.63	196	458104	65.54	ng/ul	99
41) 2-Chloronaphthalene	13.07	162	1308654	53.52	ng/ul	97
44) Dimethylphthalate	13.67	163	122061	4.12	ng/ul	99
56) Diethylphthalate	15.04	149	1902927	63.25	ng/ul	100
64) N-Nitrosodiphenylamine	15.47	169	897287	35.15	ng/ul	99
66) Hexachlorobenzene	16.27	284	349506	37.52	ng/ul	99
67) Atrazine	16.43	200	455815	51.00	ng/ul	98
69) Phenanthrene	17.00	178	2104710	43.52	ng/ul	100
72) Carbazole	17.37	167	3207264	70.03	ng/ul	98
78) Butylbenzylphthalate	20.30	149	1123928	52.76	ng/ul	100
82) Chrysene	21.20	228	2665223	49.36	ng/ul	100
84) Di-n-octyl phthalate	21.94	149	4340794	68.16	ng/ul	100
85) Benzo(b)fluoranthene	22.68	252	3567516	60.81	ng/ul	100
86) Benzo(k)fluoranthene	22.72	252	2443008	44.60	ng/ul	99
91) Benzo(g,h,i)perylene	26.14	276	3108839	58.98	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

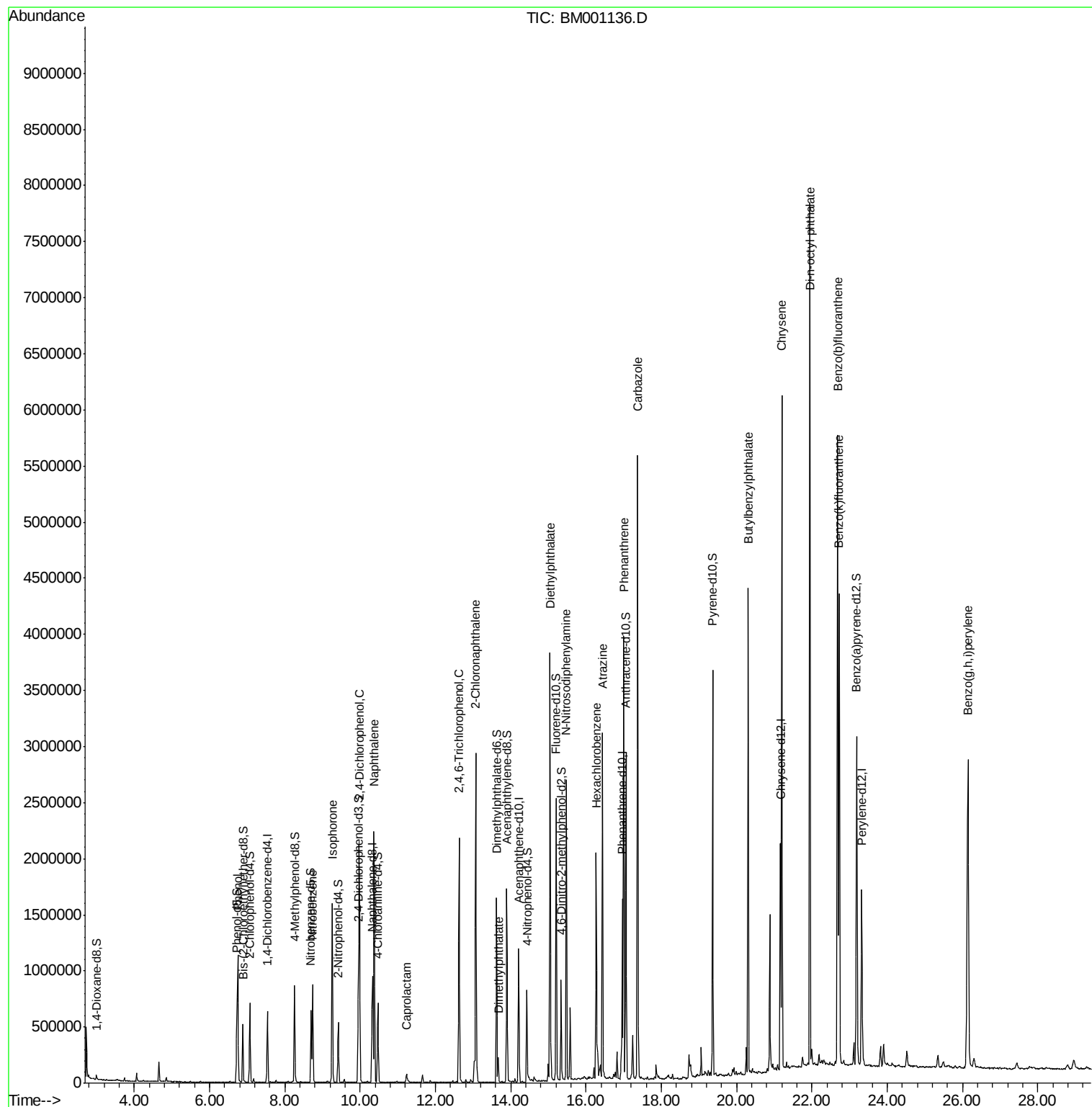
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Data File : BM001136.D
Acq On : 28 Apr 2015 19:57
Operator : TP/IZ
Sample : G1998-07
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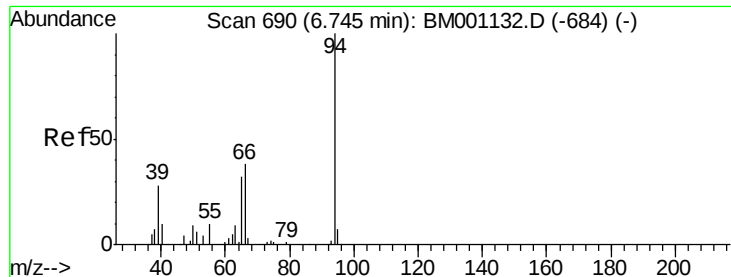
Instrument :
BNA_M
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#6

Phenol

Concen: 36.58 ng/ul

RT: 6.75 min Scan# 691

Delta R.T. 0.01 min

Lab File: BM001136.D

Acq: 28 Apr 2015 19:57

Instrument :

BNA_M

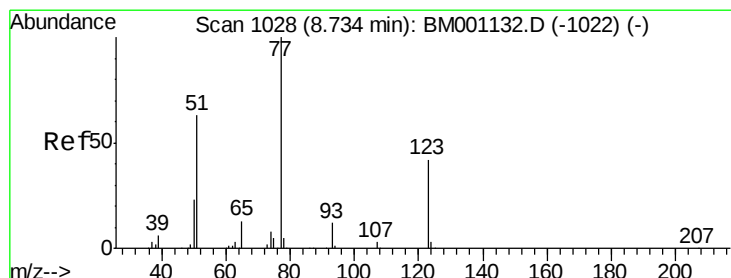
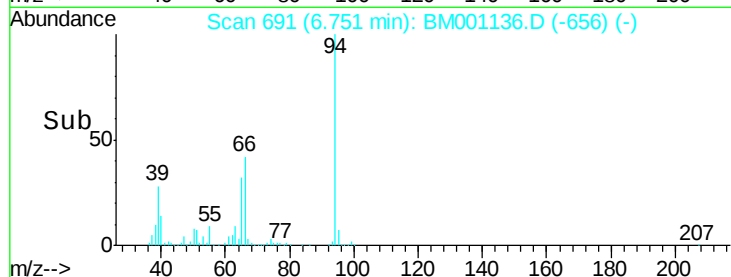
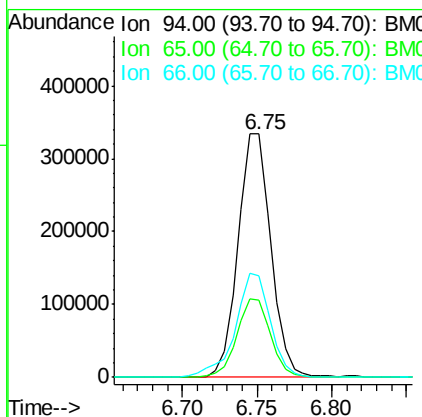
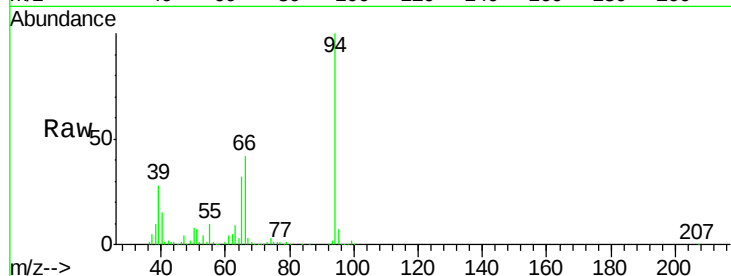
ClientSampleId :

X1Q42

Tgt Ion:	94	Resp:	511203
Ion	Ratio	Lower	Upper
94	100		
65	32.0	25.8	38.8
66	41.7	32.3	48.5

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#20

Nitrobenzene

Concen: 34.77 ng/ul

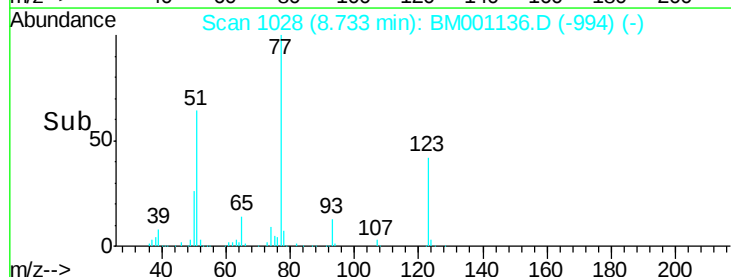
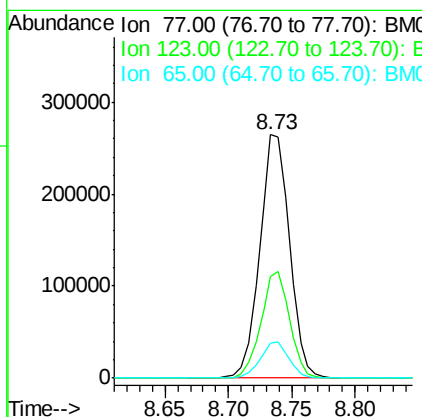
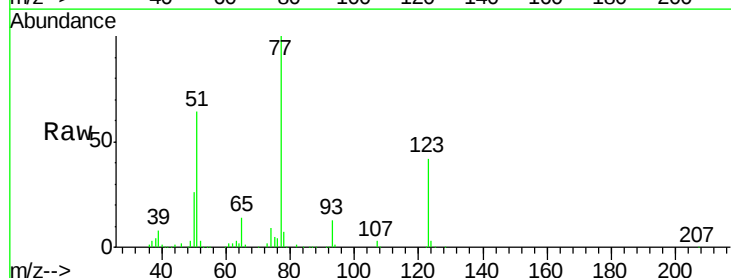
RT: 8.73 min Scan# 1028

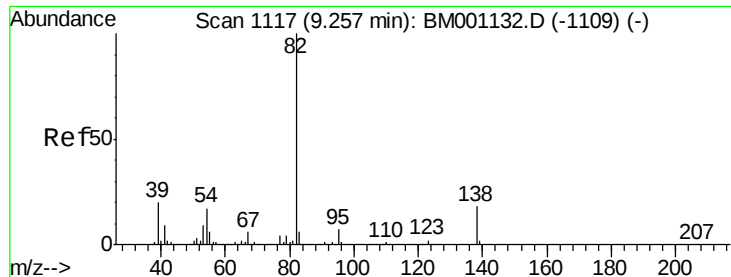
Delta R.T. -0.00 min

Lab File: BM001136.D

Acq: 28 Apr 2015 19:57

Tgt Ion:	77	Resp:	433201
Ion	Ratio	Lower	Upper
77	100		
123	41.9	32.3	48.5
65	14.2	11.0	16.6





#21

Isophorone

Concen: 46.85 ng/ul

RT: 9.26 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BM001136.D

Acq: 28 Apr 2015 19:57

Instrument :

BNA_M

ClientSampleId :

X1Q42

Tgt Ion: 82 Resp: 1002988

Ion Ratio Lower Upper

82 100

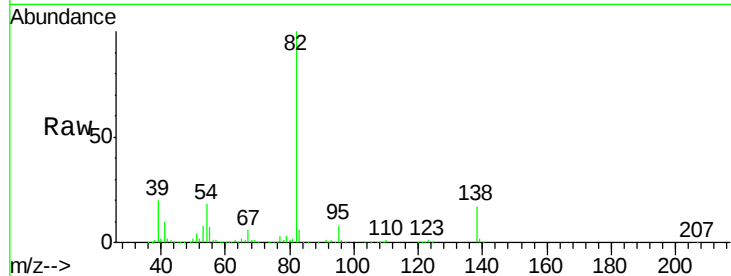
95 7.8 5.7 8.5

138 17.3 13.7 20.5

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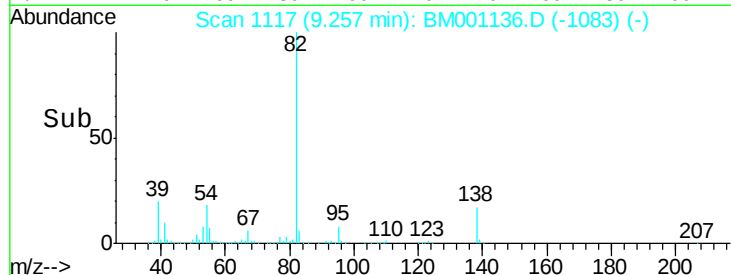


Abundance Ion 82.00 (81.70 to 82.70): BM001132.D (-1109) (-)

Ion 95.00 (94.70 to 95.70): BM001132.D (-1109) (-)

Ion 138.00 (137.70 to 138.70): BM001132.D (-1109) (-)

Time-->

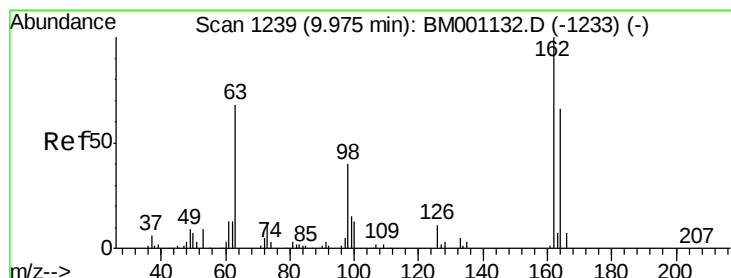


Abundance Ion 82.00 (81.70 to 82.70): BM001136.D (-1083) (-)

Ion 95.00 (94.70 to 95.70): BM001136.D (-1083) (-)

Ion 138.00 (137.70 to 138.70): BM001136.D (-1083) (-)

Time-->



#27

2,4-Dichlorophenol

Concen: 67.18 ng/ul

RT: 9.98 min Scan# 1240

Delta R.T. 0.01 min

Lab File: BM001136.D

Acq: 28 Apr 2015 19:57

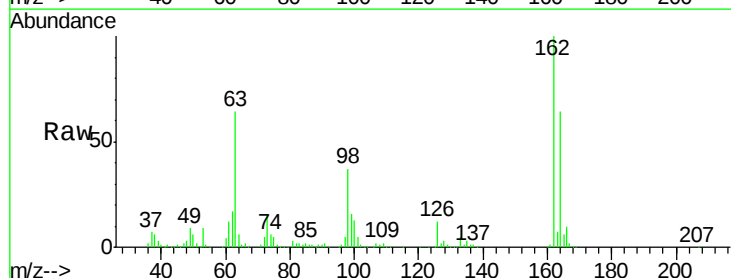
Tgt Ion: 162 Resp: 643311

Ion Ratio Lower Upper

162 100

164 64.4 51.3 76.9

98 37.4 30.8 46.2

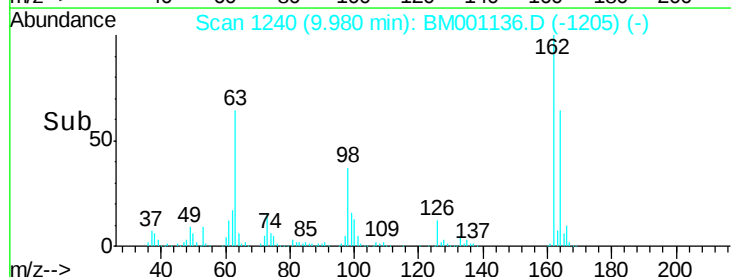


Abundance Ion 162.00 (161.70 to 162.70): BM001132.D (-1233) (-)

Ion 164.00 (163.70 to 164.70): BM001132.D (-1233) (-)

Ion 98.00 (97.70 to 98.70): BM001132.D (-1233) (-)

Time-->

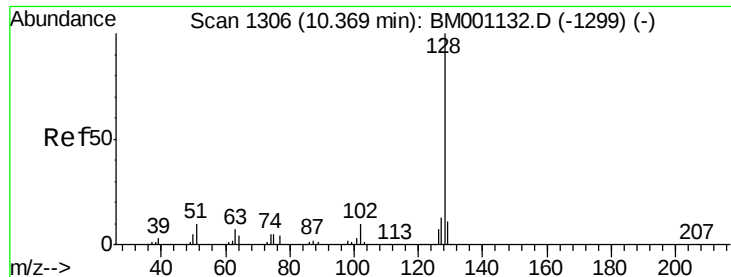


Abundance Ion 162.00 (161.70 to 162.70): BM001136.D (-1205) (-)

Ion 164.00 (163.70 to 164.70): BM001136.D (-1205) (-)

Ion 98.00 (97.70 to 98.70): BM001136.D (-1205) (-)

Time-->



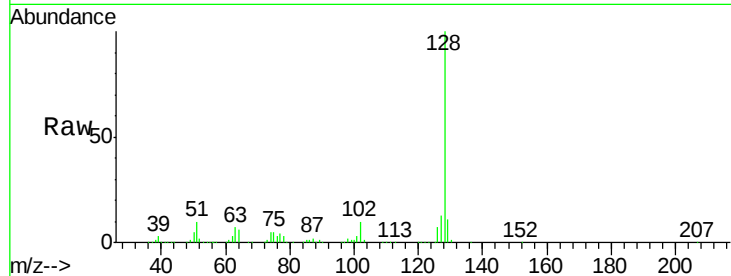
#28
Naphthalene
Concen: 49.98 ng/ul
RT: 10.37 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BM001136.D
Acq: 28 Apr 2015 19:57

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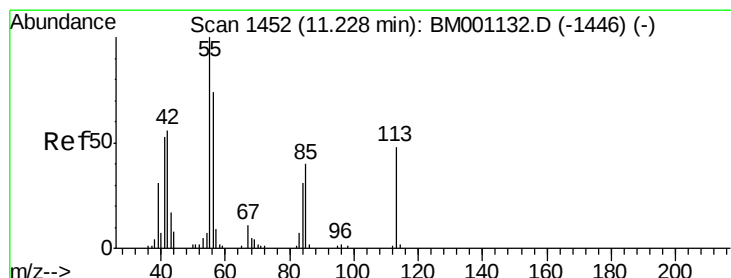
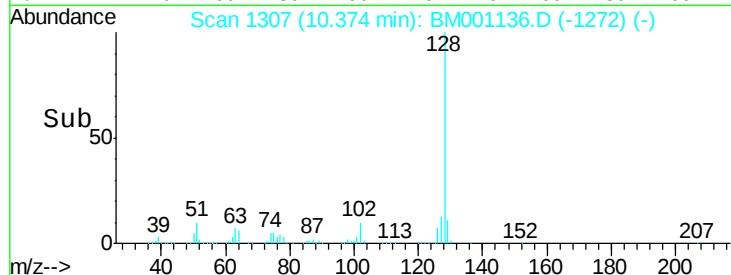
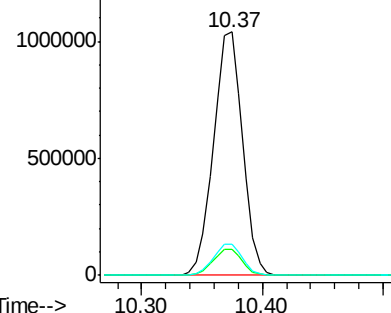
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.8	10.3	15.5

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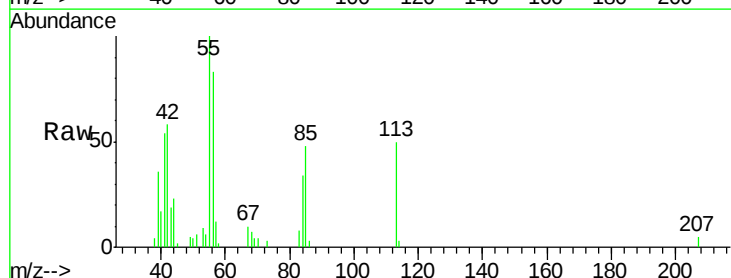


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

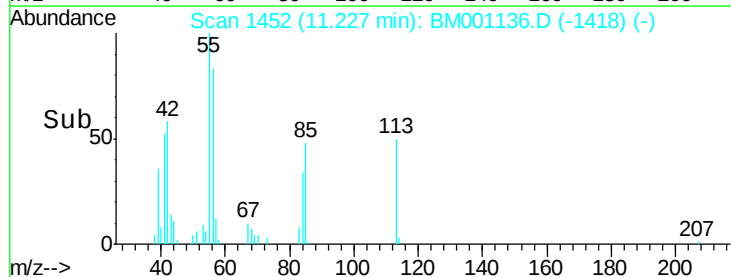
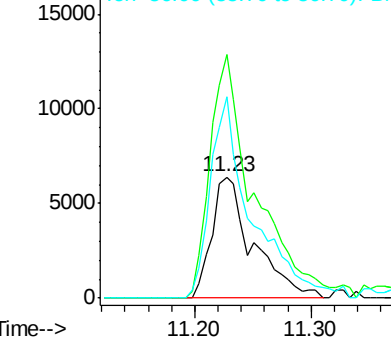


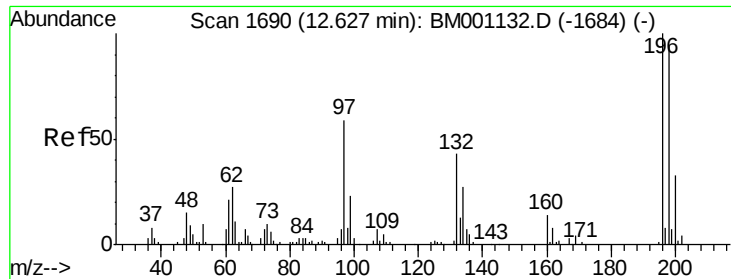
#32
Caprolactam
Concen: 5.22 ng/ul m
RT: 11.23 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BM001136.D
Acq: 28 Apr 2015 19:57

Tgt Ion	Ratio	Lower	Upper
113	100		
55	201.1	164.8	247.2
56	166.0	119.5	179.3



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0





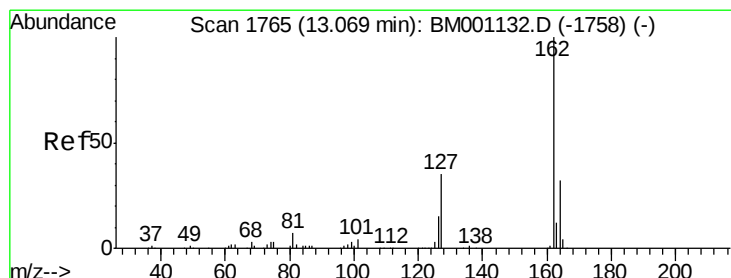
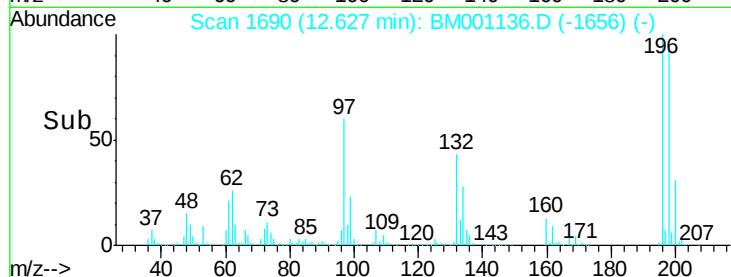
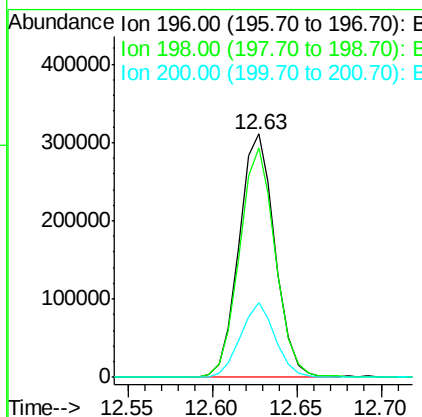
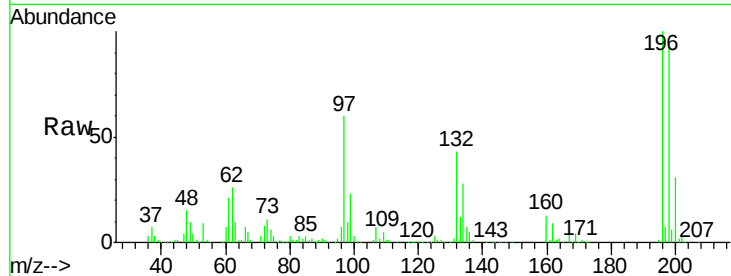
#38
 2,4,6-Trichlorophenol
 Concen: 65.54 ng/ul
 RT: 12.63 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BM001136.D
 Acq: 28 Apr 2015 19:57

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Tgt Ion	Ratio	Resp	Lower	Upper
196	100	458104		
198	94.3	75.4	113.0	
200	30.8	25.8	38.6	

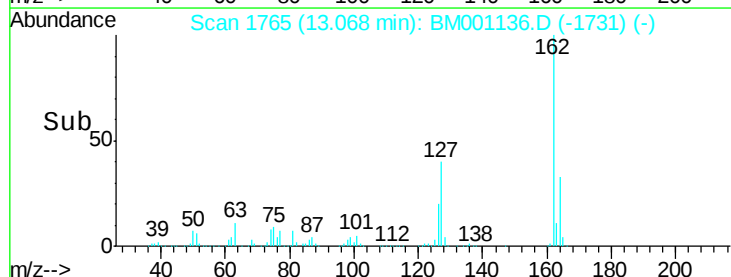
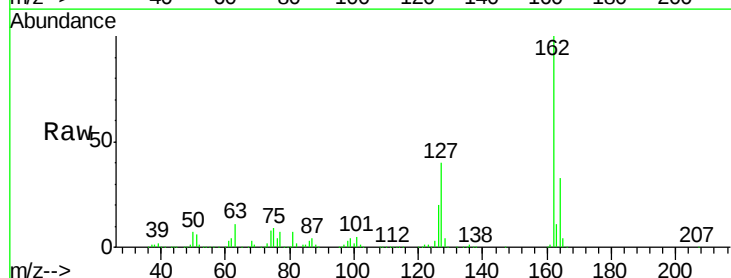
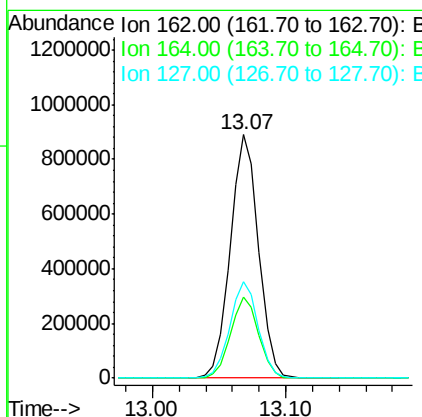
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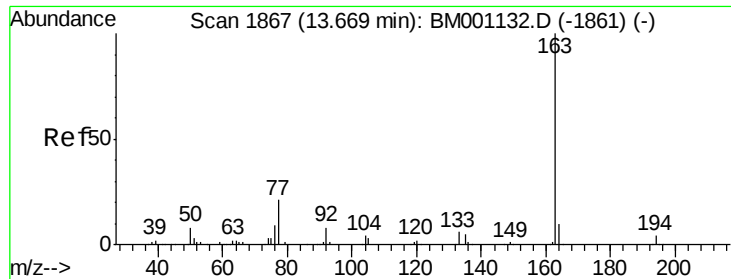
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#41
 2-Chloronaphthalene
 Concen: 53.52 ng/ul
 RT: 13.07 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BM001136.D
 Acq: 28 Apr 2015 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	1308654		
164	33.3	25.4	38.2	
127	39.6	30.5	45.7	





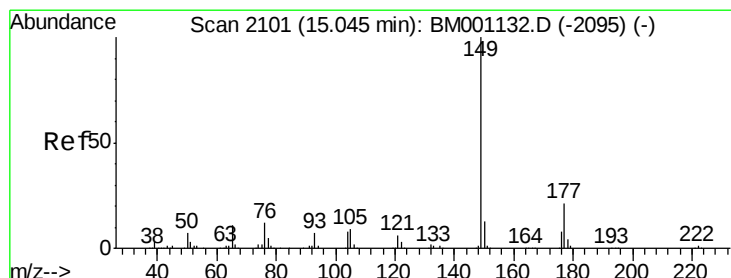
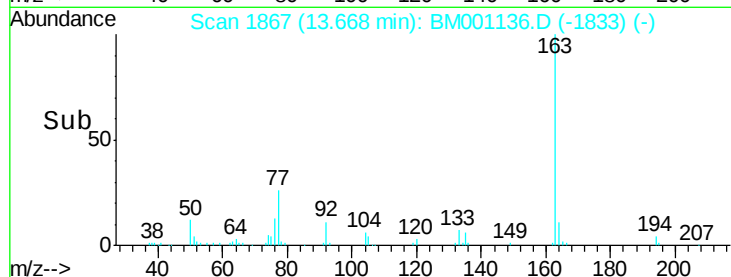
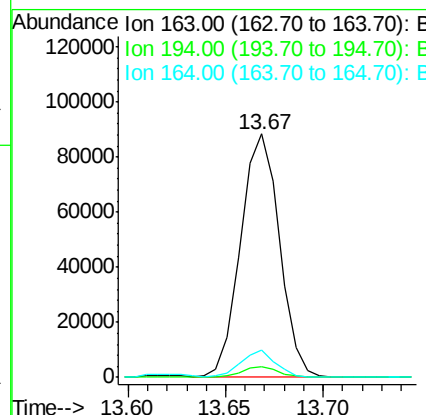
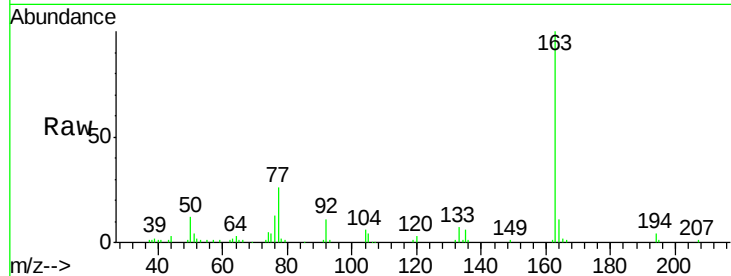
#44
Dimethylphthalate
Concen: 4.12 ng/ul
RT: 13.67 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BM001136.D
Acq: 28 Apr 2015 19:57

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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	122061		
194	4.5	3.4	5.0	
164	11.2	8.4	12.6	

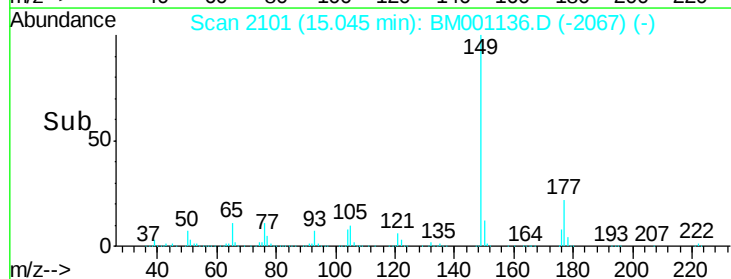
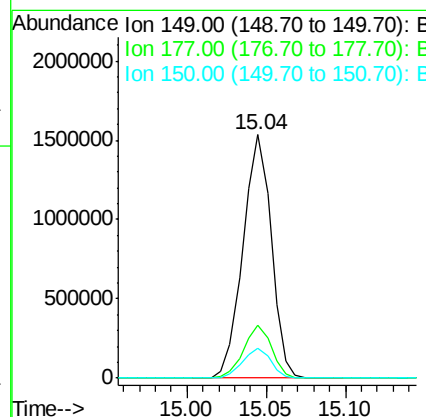
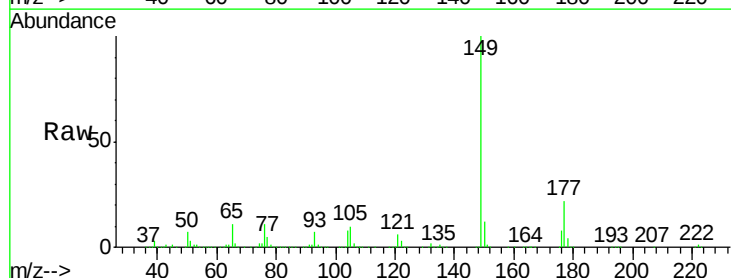
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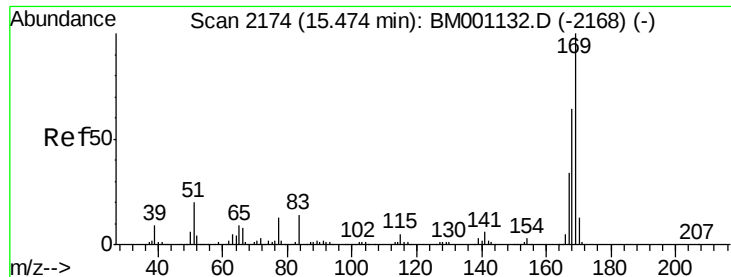
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#56
Diethylphthalate
Concen: 63.25 ng/ul
RT: 15.04 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BM001136.D
Acq: 28 Apr 2015 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1902927		
177	21.5	17.4	26.2	
150	12.2	9.8	14.6	





#64

N-Nitrosodiphenylamine

Concen: 35.15 ng/ul

RT: 15.47 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BM001136.D

Acq: 28 Apr 2015 19:57

Instrument :

BNA_M

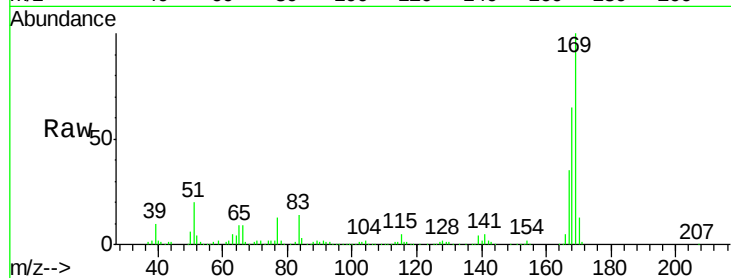
ClientSampleId :

X1Q42

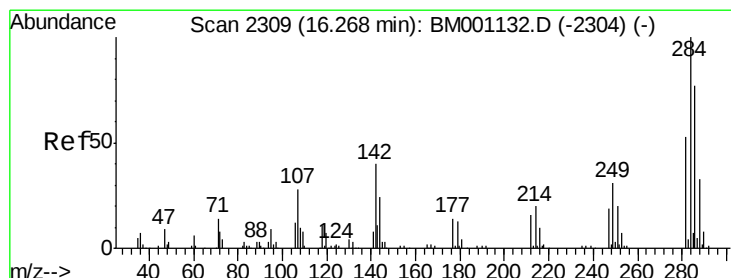
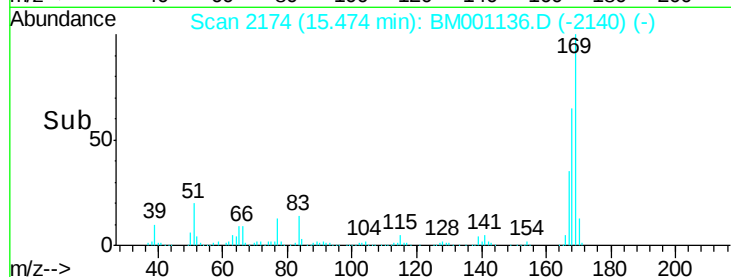
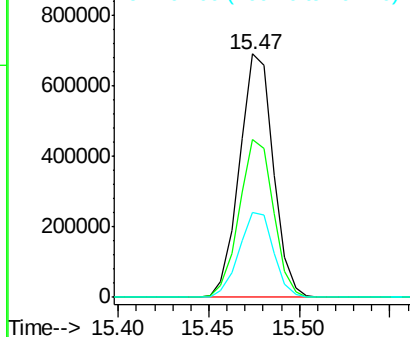
Tgt Ion:	169	Resp:	897287
Ion Ratio		Lower	Upper
169	100		
168	65.0	53.0	79.4
167	35.1	28.0	42.0

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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



#66

Hexachlorobenzene

Concen: 37.52 ng/ul

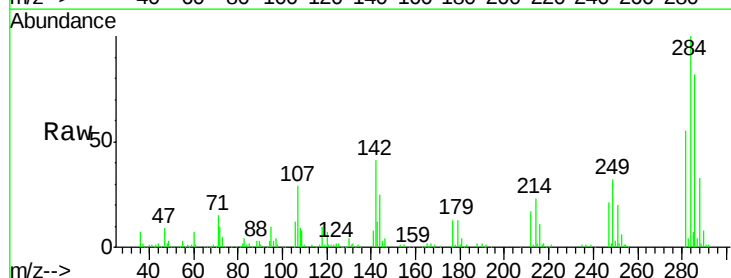
RT: 16.27 min Scan# 2309

Delta R.T. -0.00 min

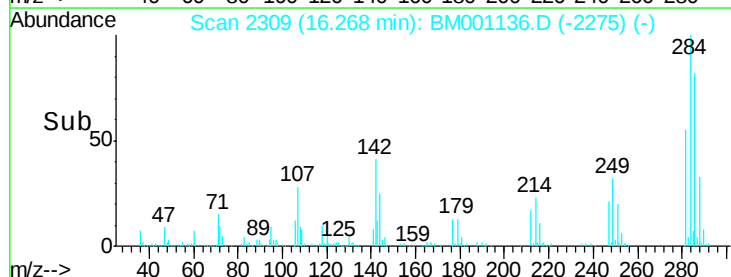
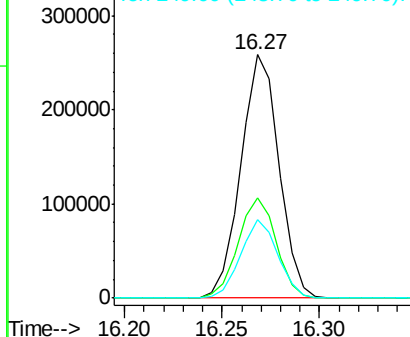
Lab File: BM001136.D

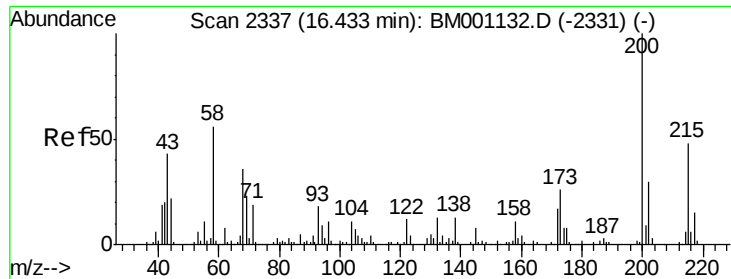
Acq: 28 Apr 2015 19:57

Tgt Ion:	284	Resp:	349506
Ion Ratio		Lower	Upper
284	100		
142	41.4	32.4	48.6
249	32.0	25.8	38.8



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: 51.00 ng/ul

RT: 16.43 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BM001136.D

Acq: 28 Apr 2015 19:57

Instrument :

BNA_M

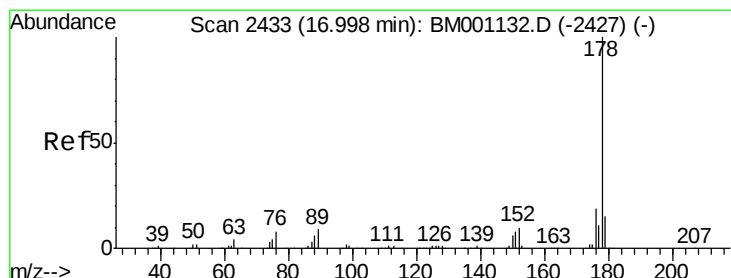
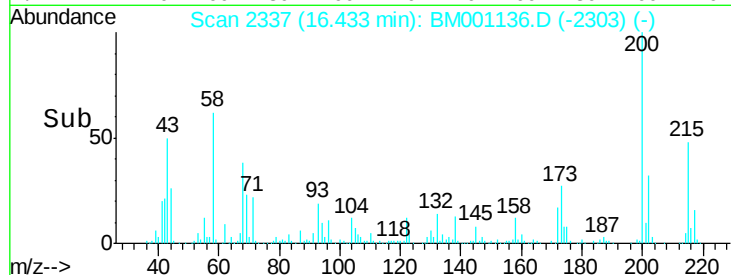
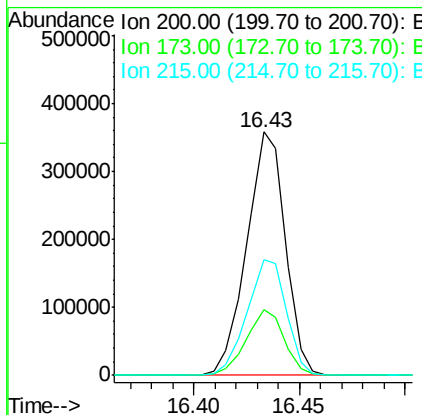
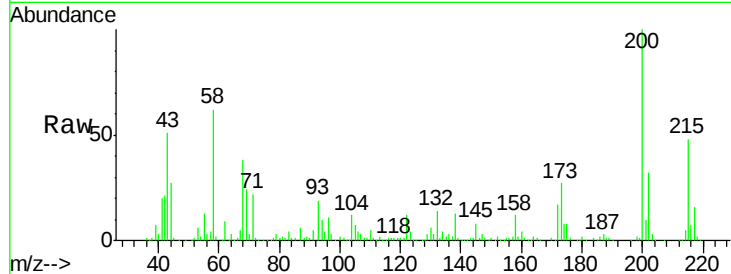
ClientSampleId :

X1Q42

Tgt Ion:	200	Resp:	455815
Ion Ratio	Lower	Upper	
200	100		
173	26.8	22.5	33.7
215	47.6	39.4	59.0

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#69

Phenanthrene

Concen: 43.52 ng/ul

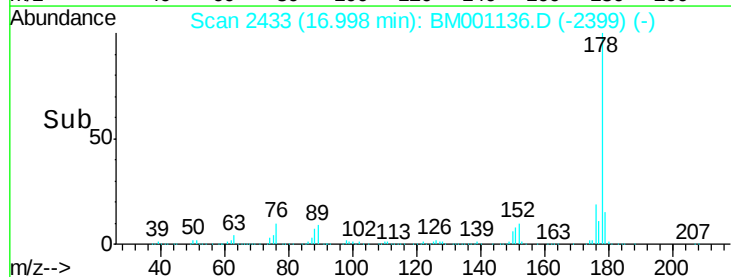
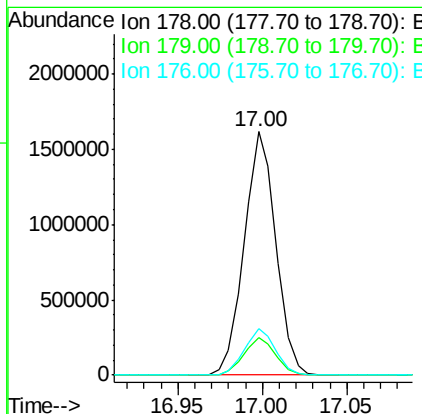
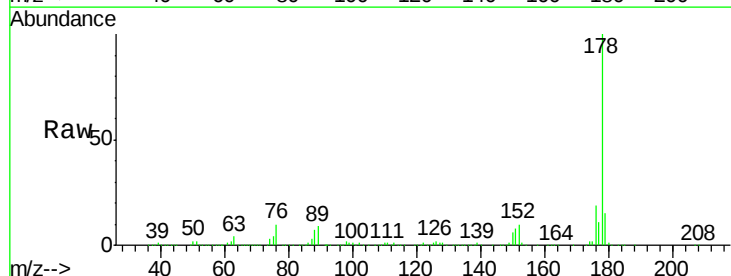
RT: 17.00 min Scan# 2433

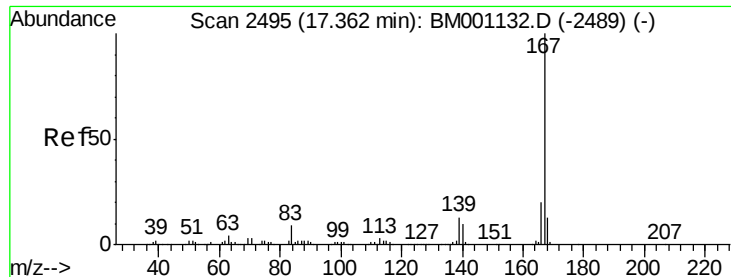
Delta R.T. -0.00 min

Lab File: BM001136.D

Acq: 28 Apr 2015 19:57

Tgt Ion:	178	Resp:	2104710
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.3	18.5
176	19.0	15.0	22.4





#72

Carbazole

Concen: 70.03 ng/ul

RT: 17.37 min Scan# 2496

Delta R.T. 0.01 min

Lab File: BM001136.D

Acq: 28 Apr 2015 19:57

Instrument :

BNA_M

ClientSampleId :

X1Q42

Tgt Ion:167 Resp: 3207264

Ion Ratio Lower Upper

167 100

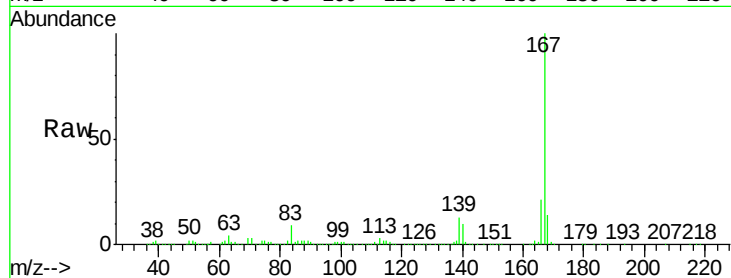
166 21.2 16.2 24.2

139 13.1 10.2 15.2

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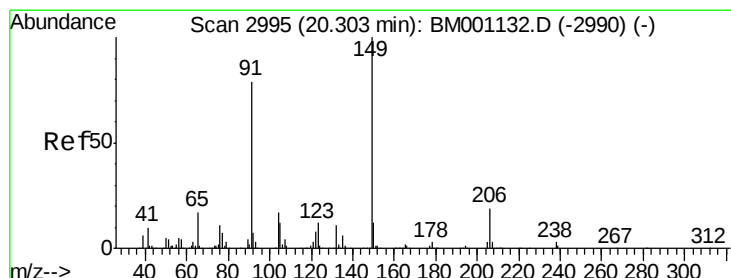
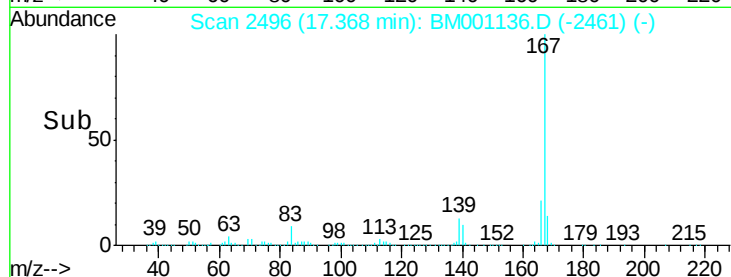
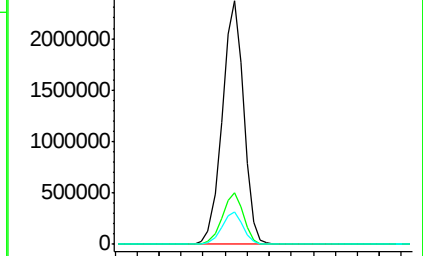
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#78

Butylbenzylphthalate

Concen: 52.76 ng/ul

RT: 20.30 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BM001136.D

Acq: 28 Apr 2015 19:57

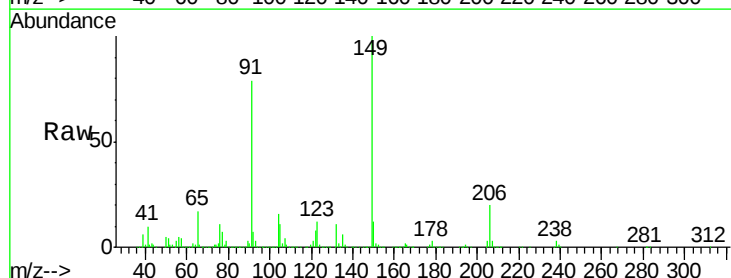
Tgt Ion:149 Resp: 1123928

Ion Ratio Lower Upper

149 100

91 78.8 63.0 94.4

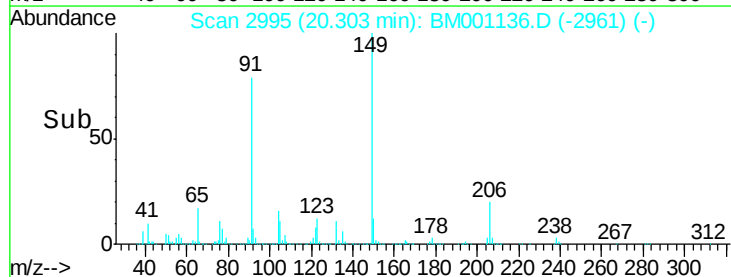
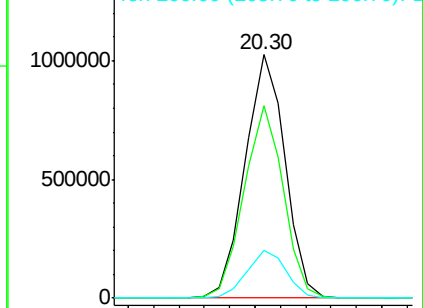
206 19.6 15.7 23.5

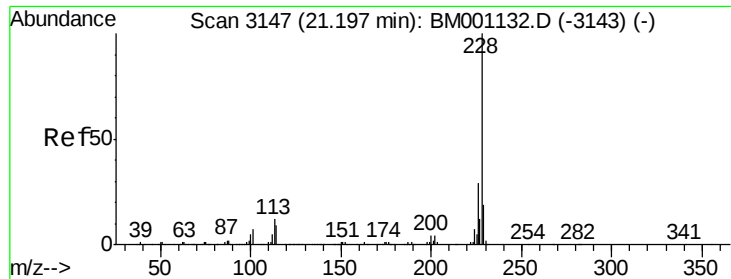


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#82

Chrysene

Concen: 49.36 ng/ul

RT: 21.20 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BM001136.D

Acq: 28 Apr 2015 19:57

Instrument :

BNA_M

ClientSampleId :

X1Q42

Tgt Ion:228 Resp: 2665223

Ion Ratio Lower Upper

228 100

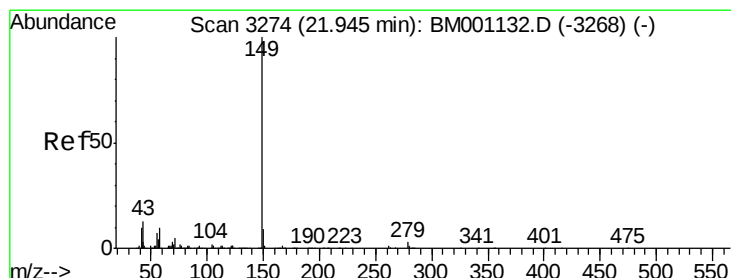
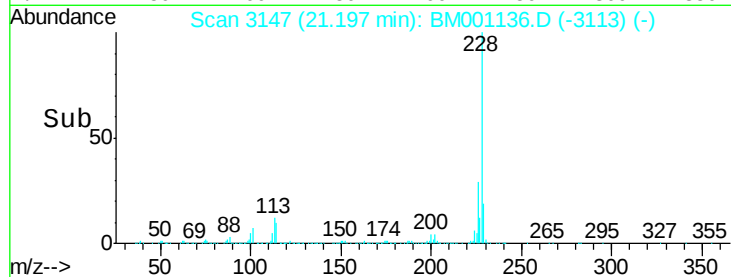
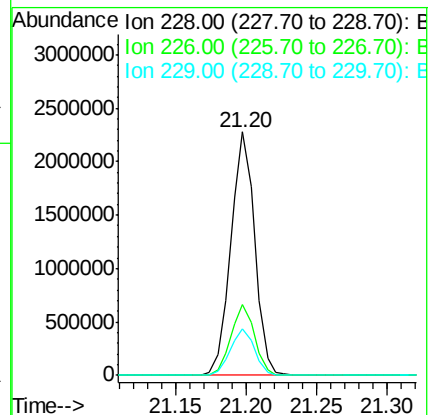
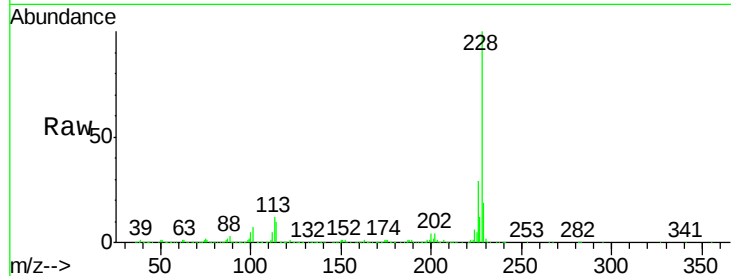
226 29.2 23.4 35.0

229 19.3 15.0 22.6

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#84

Di-n-octyl phthalate

Concen: 68.16 ng/ul

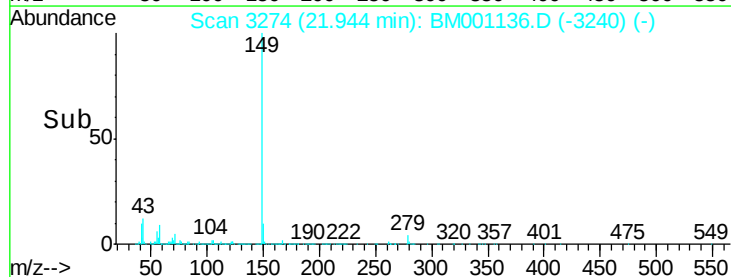
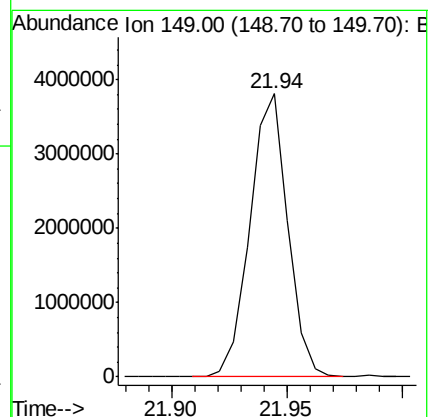
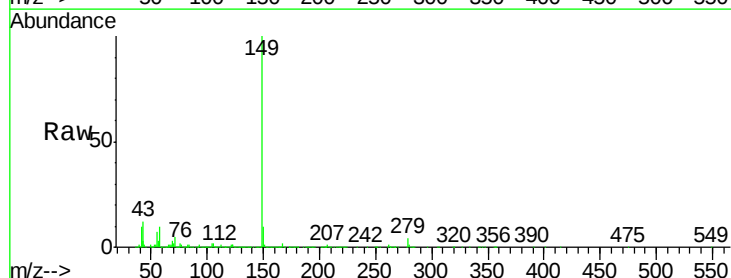
RT: 21.94 min Scan# 3274

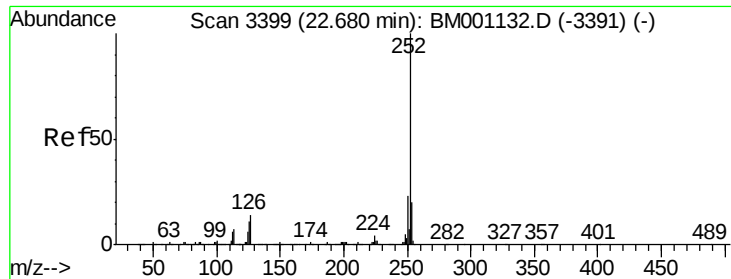
Delta R.T. -0.00 min

Lab File: BM001136.D

Acq: 28 Apr 2015 19:57

Tgt Ion:149 Resp: 4340794





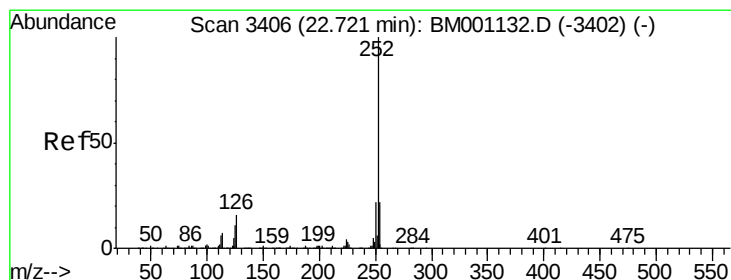
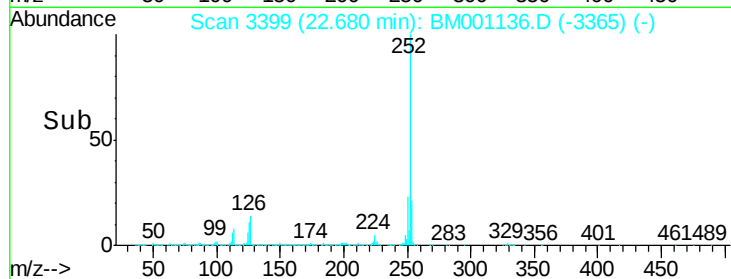
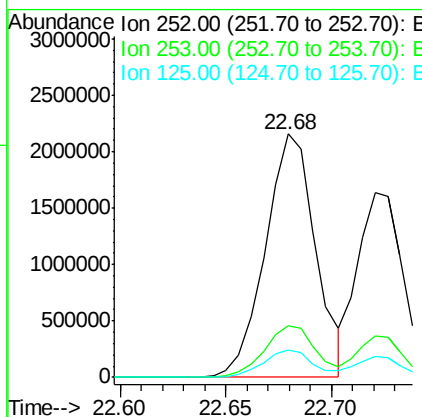
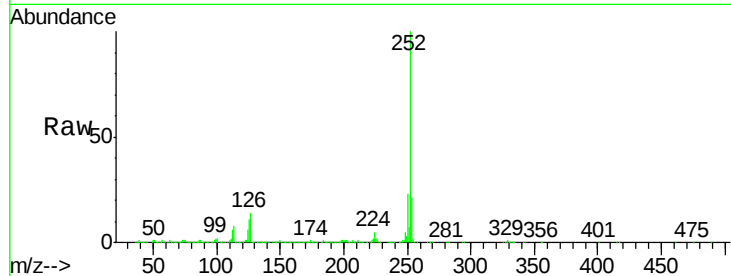
#85
Benzo(b)fluoranthene
Concen: 60.81 ng/u1
RT: 22.68 min Scan# 3399
Delta R.T. -0.00 min
Lab File: BM001136.D
Acq: 28 Apr 2015 19:57

Instrument :
BNA_M
ClientSampleId :
X1Q42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	11.4	9.4	14.0

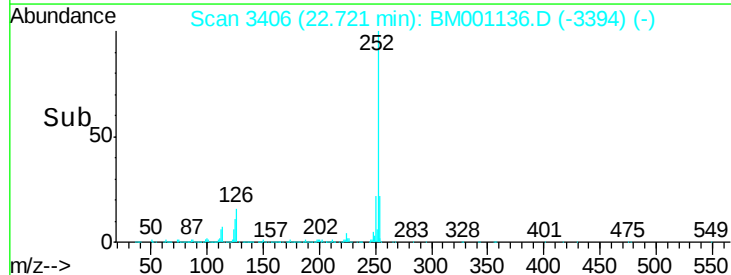
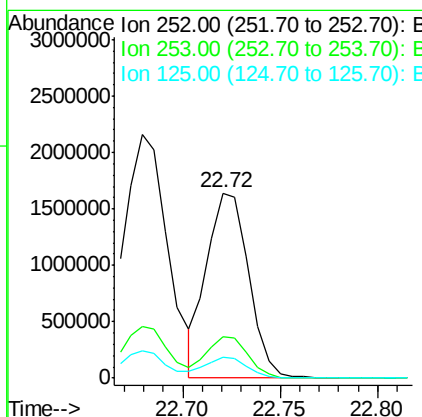
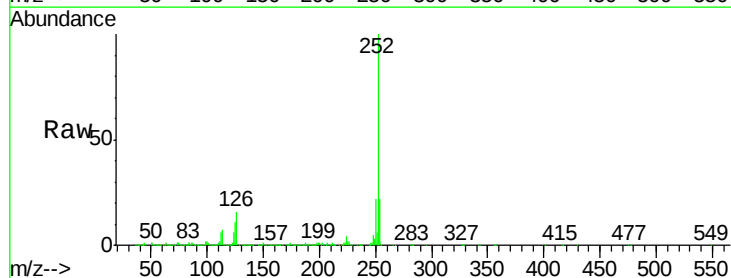
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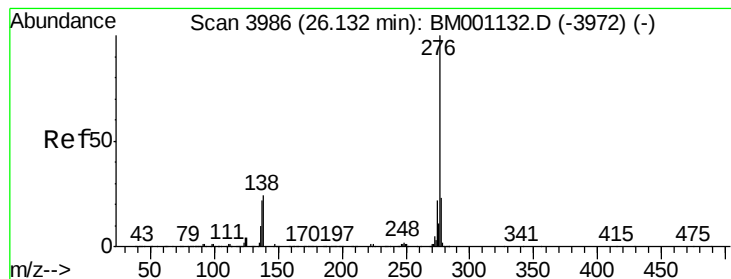
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#86
Benzo(k)fluoranthene
Concen: 44.60 ng/u1
RT: 22.72 min Scan# 3406
Delta R.T. -0.00 min
Lab File: BM001136.D
Acq: 28 Apr 2015 19:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	11.3	9.2	13.8





#91

Benzo(g,h,i)perylene

Concen: 58.98 ng/ul

RT: 26.14 min Scan# 3988

Delta R.T. 0.01 min

Lab File: BM001136.D

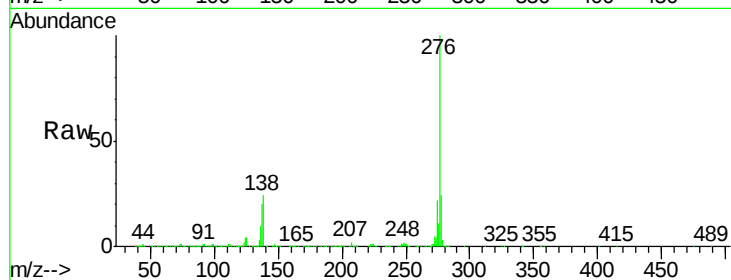
Acq: 28 Apr 2015 19:57

Instrument :

BNA_M

ClientSampleId :

X1Q42



Tgt Ion: 276 Resp: 3108839

Ion Ratio Lower Upper

276 100

138 23.8 19.0 28.6

277 23.7 18.4 27.6

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