

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011315\
 Data File : BM000171.D
 Acq On : 13 Jan 2015 16:28
 Operator : TP/IZ
 Sample : G1063-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AM3

Quant Time: Jan 14 12:57:16 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 14 12:47:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	120002	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.62	136	478187	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.47	164	321369	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	661812	20.00	ng/ul	-0.02
75) Chrysene-d12	21.39	240	744248	20.00	ng/ul	-0.02
83) Perylene-d12	23.68	264	708561	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	71232	34.42	ng/uL	-0.03
5) Phenol-d5	6.99	99	52085	5.16	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.16	67	179199	28.08	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.36	132	161816	21.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	99685	12.41	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	99583	30.11	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.71	143	102686	30.42	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.24	165	191566	25.69	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.76	131	12920	1.53	ng/ul	-0.02
43) Dimethylphthalate-d6	13.87	166	796587	33.61	ng/ul	-0.01
46) Acenaphthylene-d8	14.16	160	887422	31.25	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.65	143	16313	4.23	ng/ul	-0.01
57) Fluorene-d10	15.46	176	677345	33.28	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.57	200	94840	30.24	ng/ul	-0.02
70) Anthracene-d10	17.30	188	1115818	36.46	ng/ul	-0.01
76) Pyrene-d10	19.60	212	1262930	36.79	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.54	264	1104715	34.35	ng/ul	-0.03

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	27710	9.66 ng/uL	91
4) Benzaldehyde	6.99	77	240	0.03 ng/ul#	5
6) Phenol	7.02	94	4982	0.47 ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.26	93	1122	0.14 ng/ul#	73
12) 2,2'-oxybis(1-Chloropropan	8.52	45	1009	0.07 ng/ul#	54
14) Acetophenone	8.65	105	716	0.05 ng/ul#	17
15) N-Nitroso-di-n-propylamine	8.53	70	3183	0.43 ng/ul#	1
20) Nitrobenzene	8.99	77	1419	0.14 ng/ul#	31
21) Isophorone	9.71	82	15652	0.82 ng/ul#	74
28) Naphthalene	10.67	128	1008	0.04 ng/ul#	69
44) Dimethylphthalate	13.92	163	12955	0.55 ng/ul#	94
45) 2,6-Dinitrotoluene	13.88	165	5739	1.36 ng/ul#	35
56) Diethylphthalate	15.28	149	6790	0.27 ng/ul	97
58) Fluorene	15.46	166	1758	0.08 ng/ul#	10
60) 4-Nitroaniline	15.57	138	333	0.07 ng/ul#	1
64) N-Nitrosodiphenylamine	15.59	169	152	0.01 ng/ul#	25
69) Phenanthrene	17.25	178	1867	0.05 ng/ul#	65
71) Anthracene	17.31	178	309	0.01 ng/ul#	1
72) Carbazole	17.60	167	1156	0.03 ng/ul#	60
73) Di-n-butylphthalate	18.17	149	4374	0.11 ng/ul#	82
74) Fluoranthene	19.26	202	1158	0.03 ng/ul#	80
77) Pyrene	19.63	202	1082	0.02 ng/ul#	52
78) Butylbenzylphthalate	20.53	149	1050	0.06 ng/ul#	79

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011315\
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ALS Vial : 8 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 14 12:47:10 2015
Response via : Initial Calibration

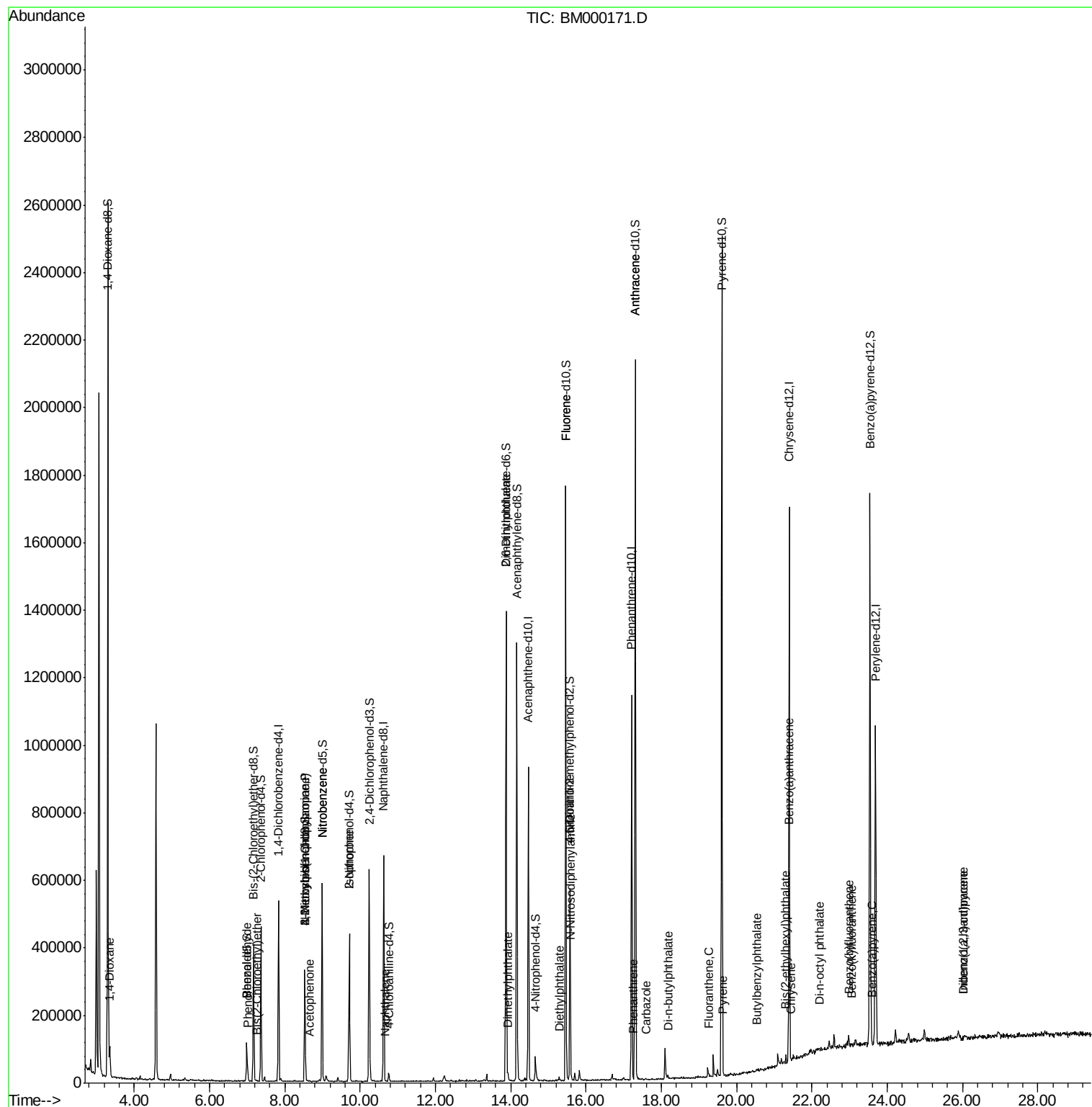
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	21.37	228	1049	0.02	ng/ul#	72
81) Bis(2-ethylhexyl)phthalate	21.30	149	6731	0.25	ng/ul#	90
82) Chrysene	21.43	228	1352	0.03	ng/ul#	51
84) Di-n-octyl phthalate	22.20	149	2270	0.05	ng/ul	100
85) Benzo(b)fluoranthene	22.99	252	608	0.01	ng/ul#	16
86) Benzo(k)fluoranthene	23.04	252	672	0.02	ng/ul#	41
88) Benzo(a)pyrene	23.60	252	150	0.00	ng/ul#	1
89) Indeno(1,2,3-cd)pyrene	26.02	276	229	0.01	ng/ul#	55
90) Dibenzo(a,h)anthracene	26.02	278	246	0.01	ng/ul#	57

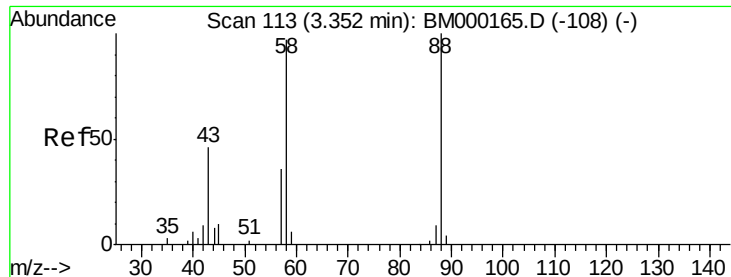
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 9.66 ng/uL

RT: 3.35 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

Instrument :

BNA_M

ClientSampleId :

C0AM3

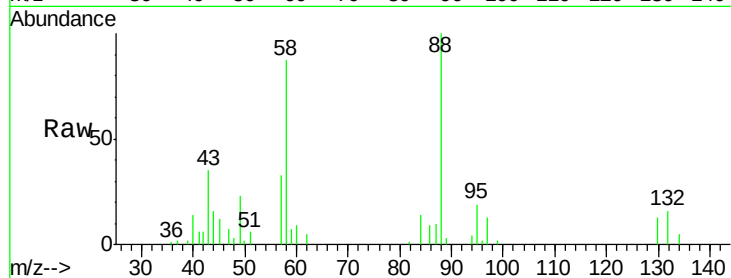
Tgt Ion: 88 Resp: 27710

Ion Ratio Lower Upper

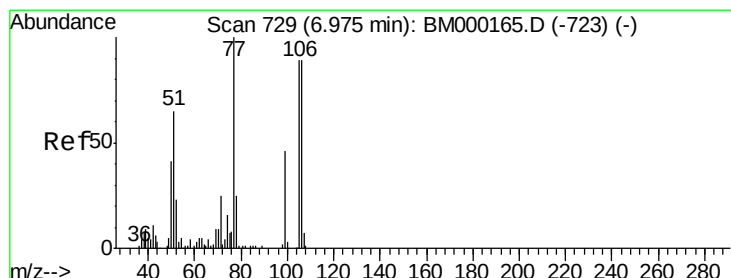
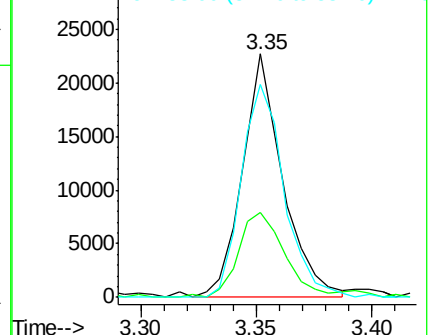
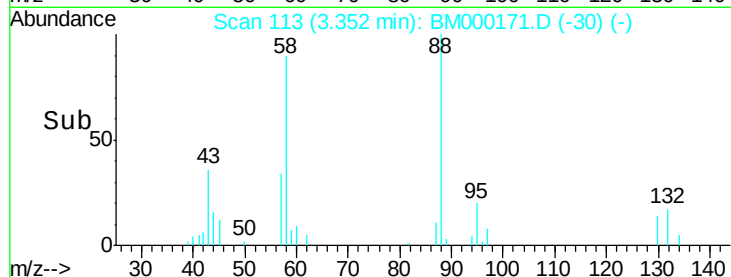
88 100

43 39.2 34.9 52.3

58 92.7 67.3 100.9



Abundance Ion 88.00 (87.70 to 88.70): BM000171.D (-30) (-)



#4

Benzaldehyde

Concen: 0.03 ng/uL

RT: 6.99 min Scan# 731

Delta R.T. 0.00 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

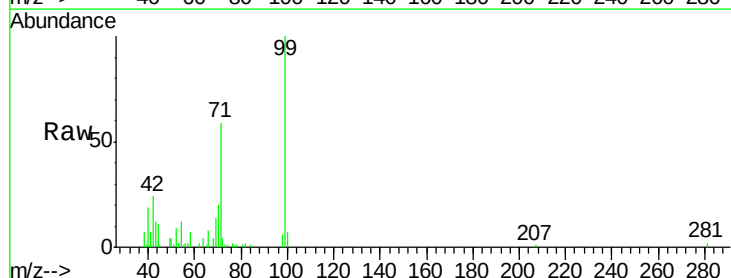
Tgt Ion: 77 Resp: 240

Ion Ratio Lower Upper

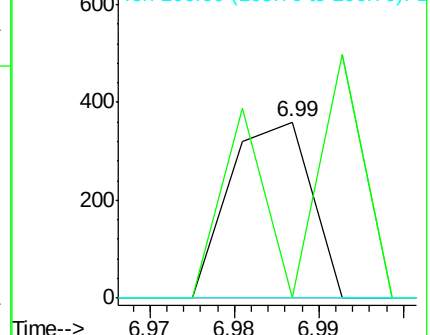
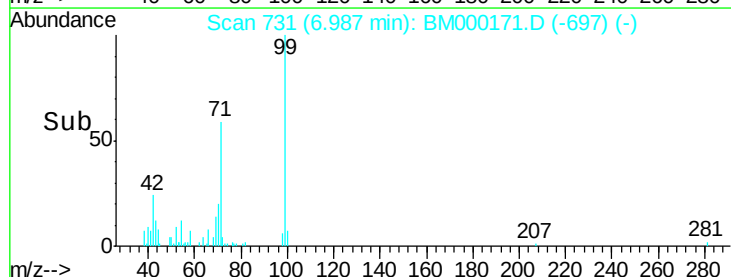
77 100

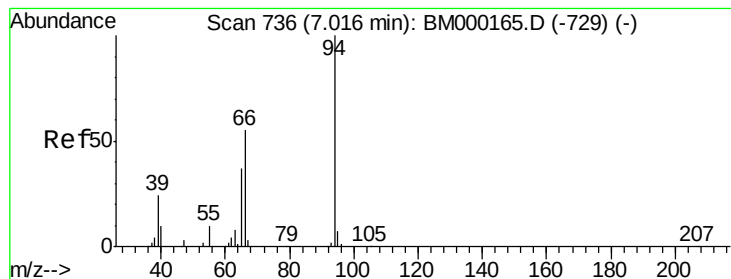
105 0.0 73.5 110.3#

106 0.0 67.9 101.9#



Abundance Ion 77.00 (76.70 to 77.70): BM000171.D (-697) (-)





#6

Phenol

Concen: 0.47 ng/ul

RT: 7.02 min Scan# 736

Delta R.T. -0.01 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

Instrument :

BNA_M

ClientSampleId :

C0AM3

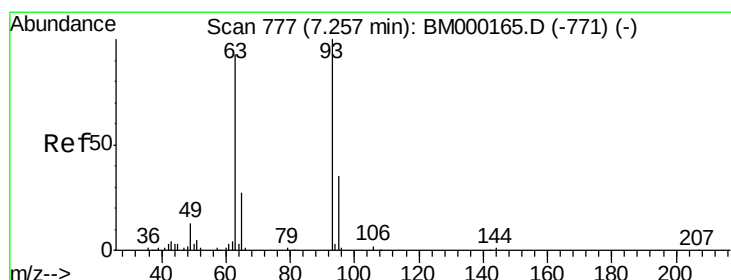
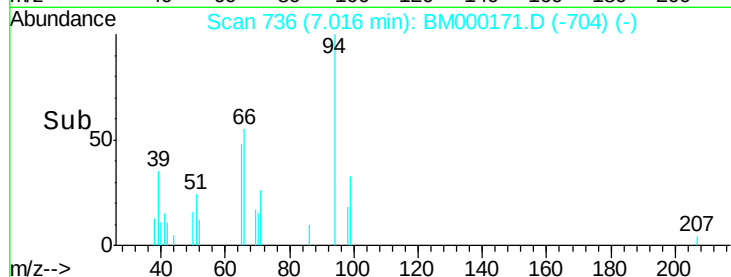
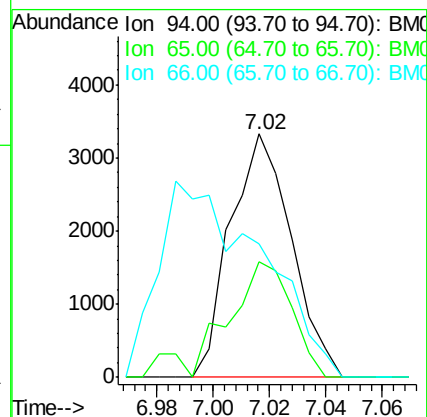
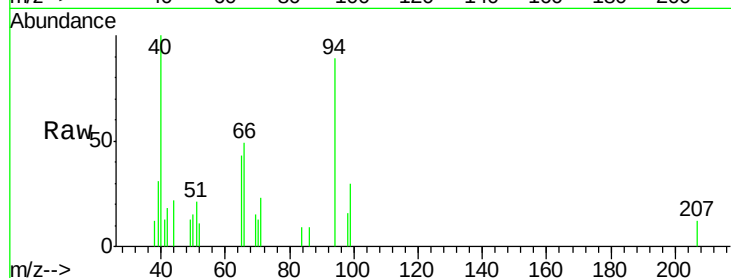
Tgt Ion: 94 Resp: 4982

Ion Ratio Lower Upper

94 100

65 47.7 27.4 41.0#

66 54.7 42.5 63.7



#8

Bis(2-Chloroethyl)ether

Concen: 0.14 ng/ul

RT: 7.26 min Scan# 777

Delta R.T. -0.01 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

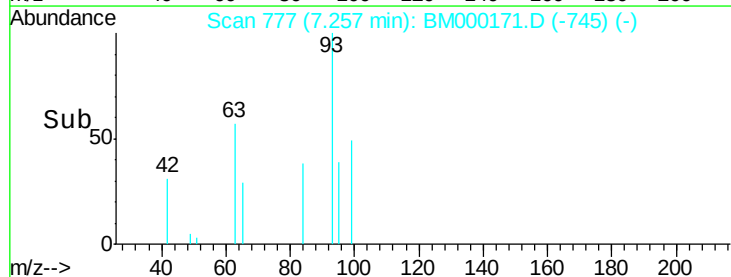
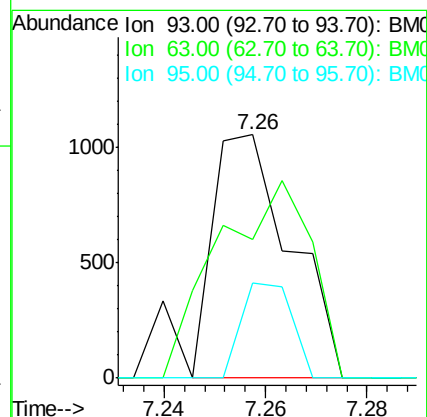
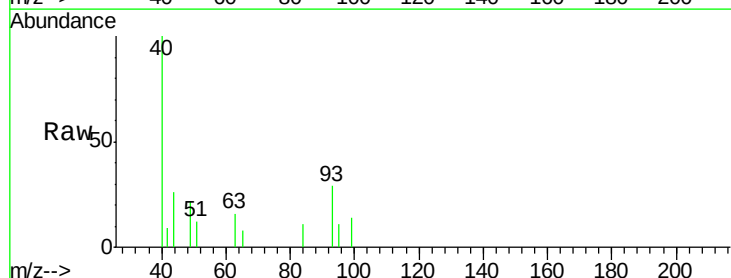
Tgt Ion: 93 Resp: 1122

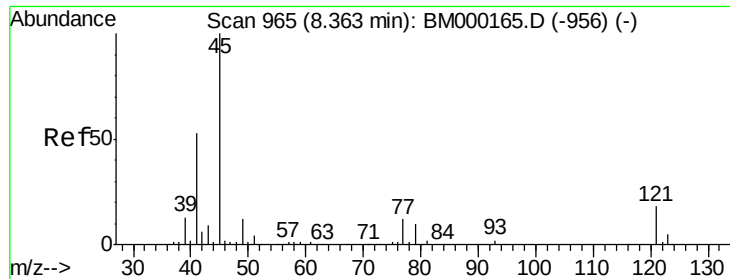
Ion Ratio Lower Upper

93 100

63 56.9 68.9 103.3#

95 39.2 24.6 37.0#

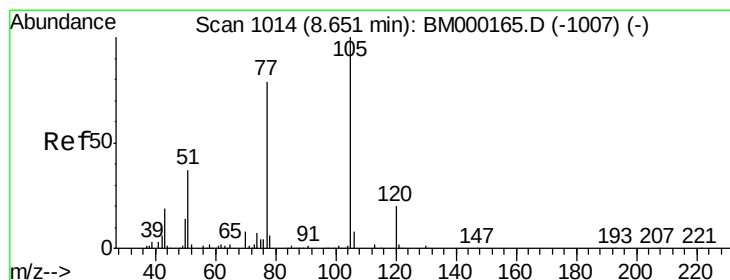
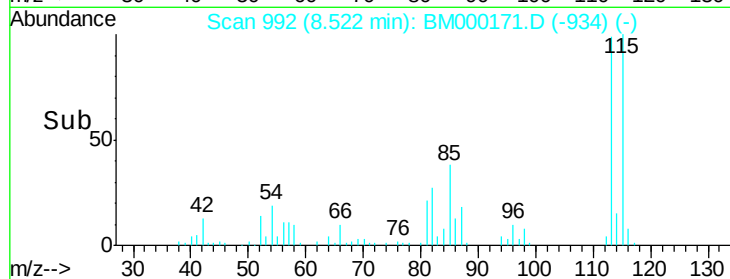
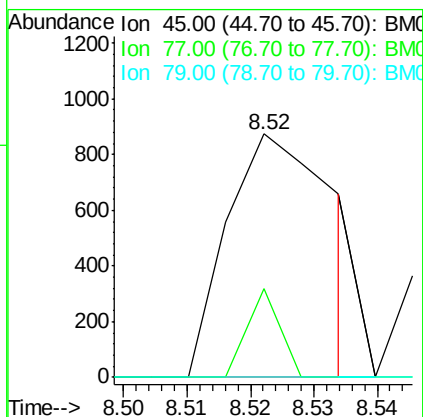
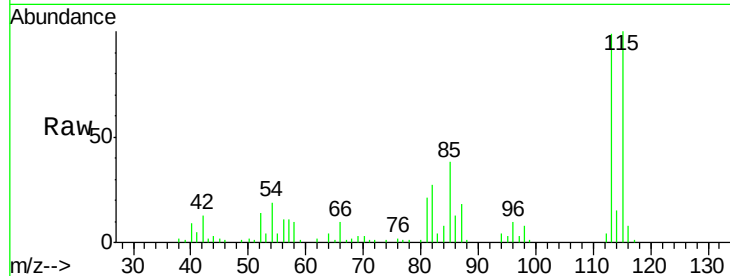




#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.07 ng/ul
RT: 8.52 min Scan# 992
Delta R.T. 0.14 min
Lab File: BM000171.D
Acq: 13 Jan 2015 16:28

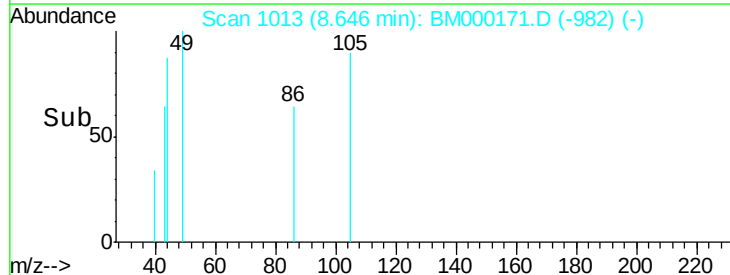
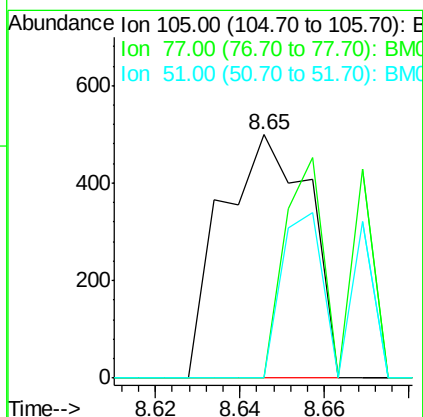
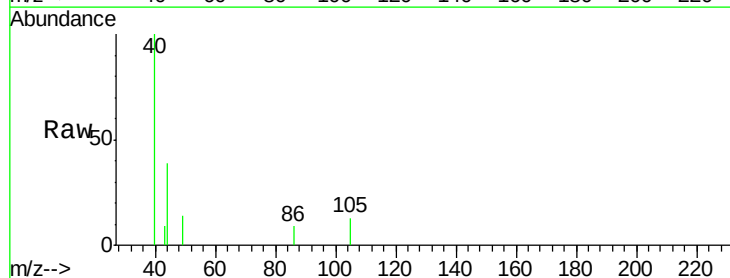
Instrument :
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C0AM3

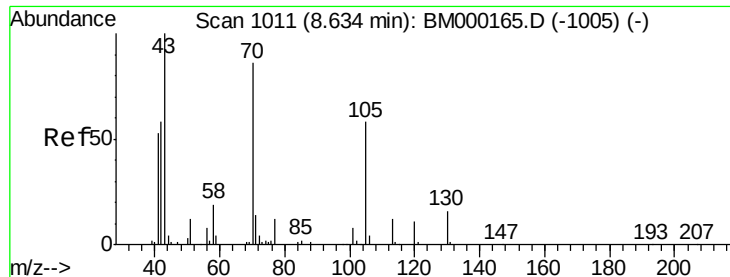
Tgt Ion: 45 Resp: 1009
Ion Ratio Lower Upper
45 100
77 36.3 9.9 14.9#
79 0.0 8.3 12.5#



#14
Acetophenone
Concen: 0.05 ng/ul
RT: 8.65 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BM000171.D
Acq: 13 Jan 2015 16:28

Tgt Ion: 105 Resp: 716
Ion Ratio Lower Upper
105 100
77 0.0 66.3 99.5#
51 0.0 26.5 39.7#

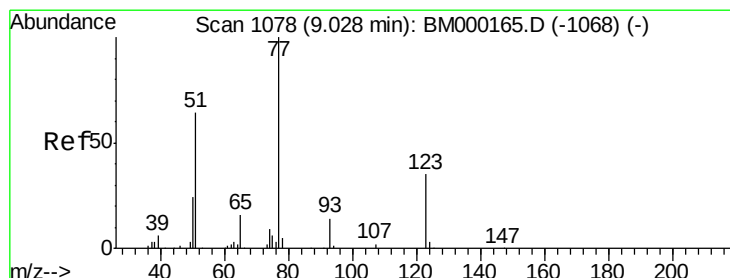
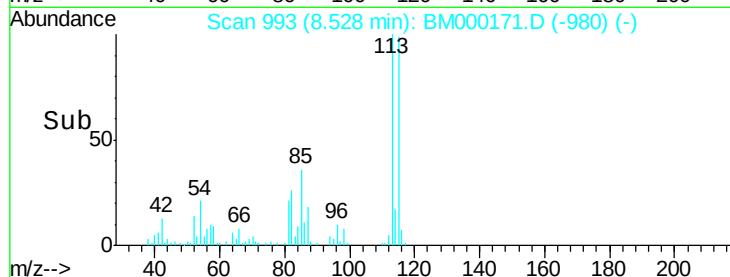
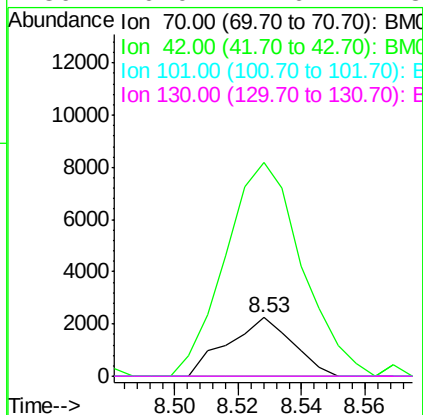
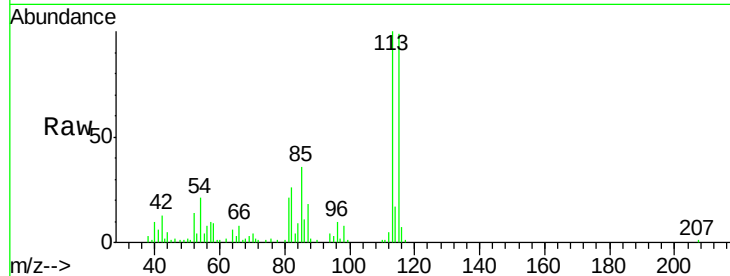




#15
N-Nitroso-di-n-propylamine
Concen: 0.43 ng/ul
RT: 8.53 min Scan# 993
Delta R.T. -0.13 min
Lab File: BM000171.D
Acq: 13 Jan 2015 16:28

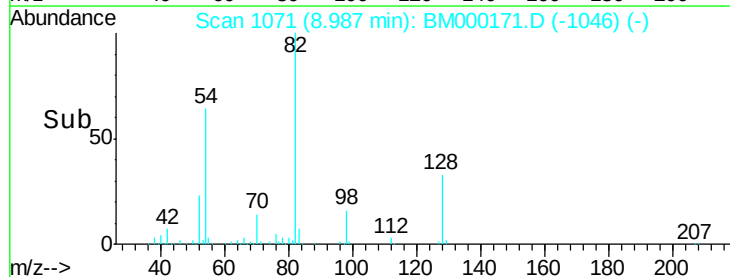
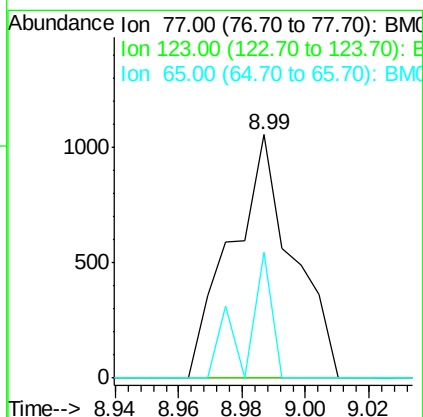
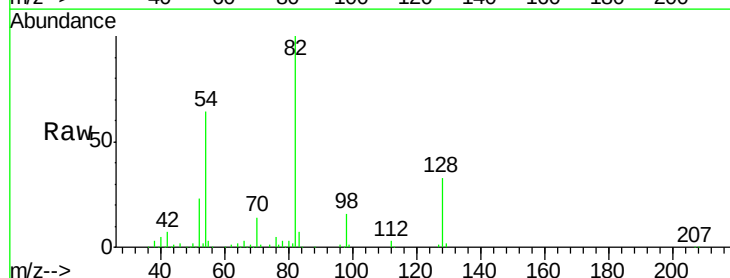
Instrument :
BNA_M
ClientSampleId :
C0AM3

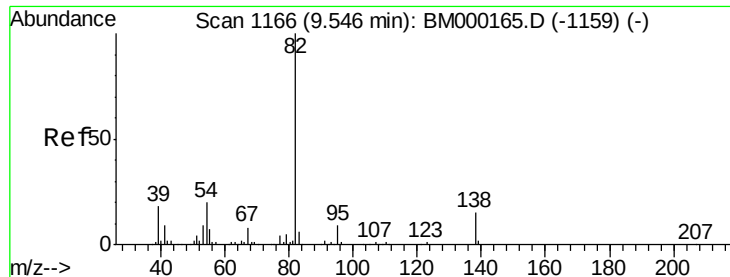
Tgt Ion: 70 Resp: 3183
Ion Ratio Lower Upper
70 100
42 364.5 46.4 69.6#
101 0.0 7.8 11.8#
130 0.0 14.6 21.8#



#20
Nitrobenzene
Concen: 0.14 ng/ul
RT: 8.99 min Scan# 1071
Delta R.T. -0.06 min
Lab File: BM000171.D
Acq: 13 Jan 2015 16:28

Tgt Ion: 77 Resp: 1419
Ion Ratio Lower Upper
77 100
123 0.0 29.2 43.8#
65 51.8 12.4 18.6#





#21

Isophorone

Concen: 0.82 ng/ul

RT: 9.71 min Scan# 1194

Delta R.T. 0.14 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

Instrument :

BNA_M

ClientSampleId :

C0AM3

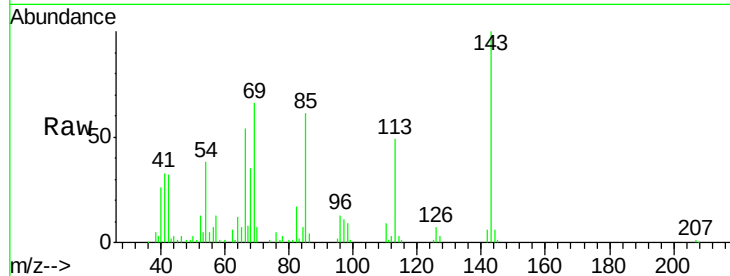
Tgt Ion: 82 Resp: 15652

Ion Ratio Lower Upper

82 100

95 11.5 6.9 10.3#

138 0.0 12.1 18.1#

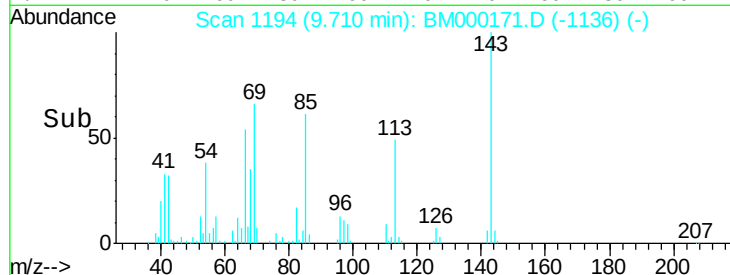


Abundance Ion 82.00 (81.70 to 82.70): BM000165.D (-1159) (-)

Ion 95.00 (94.70 to 95.70): BM000165.D (-1159) (-)

Ion 138.00 (137.70 to 138.70): BM000165.D (-1159) (-)

Time-->



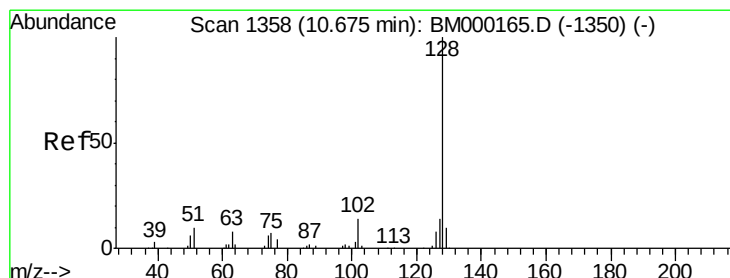
Abundance

Ion 82.00 (81.70 to 82.70): BM000165.D (-1159) (-)

Ion 95.00 (94.70 to 95.70): BM000165.D (-1159) (-)

Ion 138.00 (137.70 to 138.70): BM000165.D (-1159) (-)

Time-->



#28

Naphthalene

Concen: 0.04 ng/ul

RT: 10.67 min Scan# 1357

Delta R.T. -0.02 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

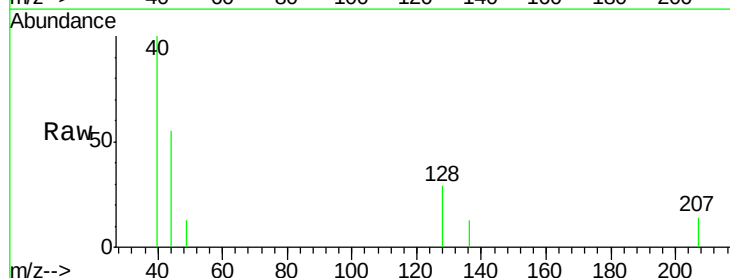
Tgt Ion: 128 Resp: 1008

Ion Ratio Lower Upper

128 100

129 0.0 8.6 13.0#

127 0.0 10.3 15.5#

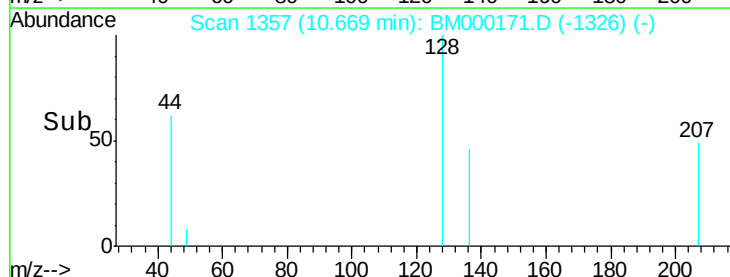


Abundance Ion 128.00 (127.70 to 128.70): BM000165.D (-1350) (-)

Ion 129.00 (128.70 to 129.70): BM000165.D (-1350) (-)

Ion 127.00 (126.70 to 127.70): BM000165.D (-1350) (-)

Time-->



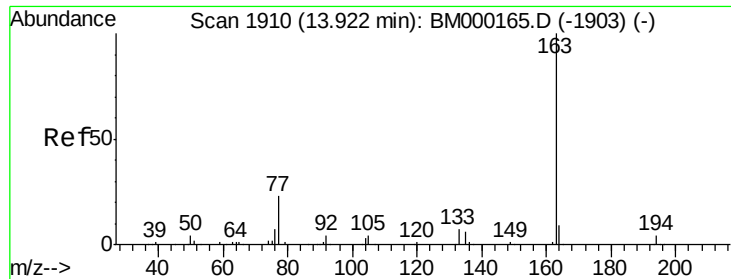
Abundance

Ion 128.00 (127.70 to 128.70): BM000165.D (-1350) (-)

Ion 129.00 (128.70 to 129.70): BM000165.D (-1350) (-)

Ion 127.00 (126.70 to 127.70): BM000165.D (-1350) (-)

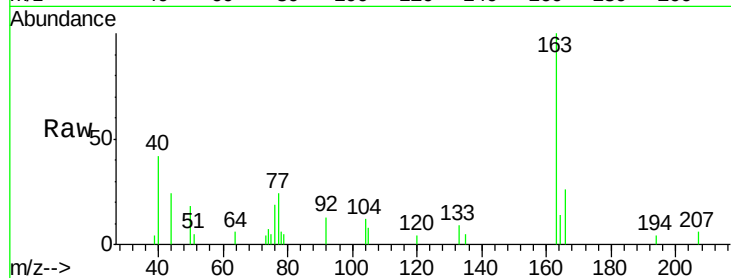
Time-->



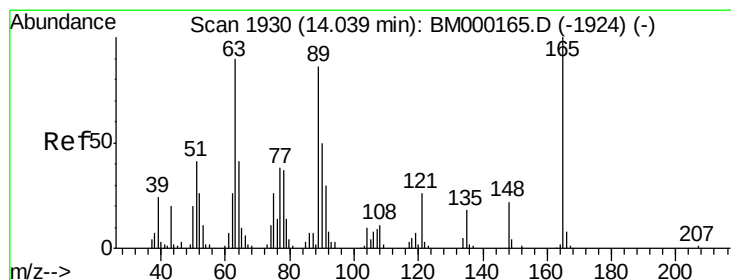
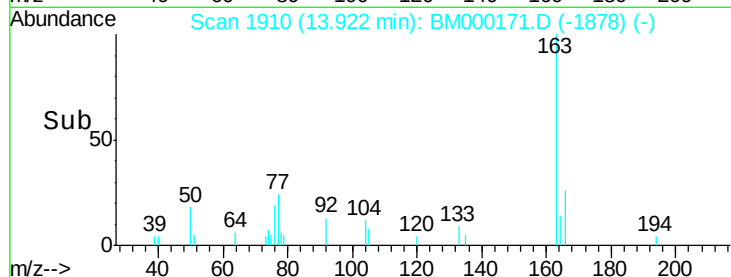
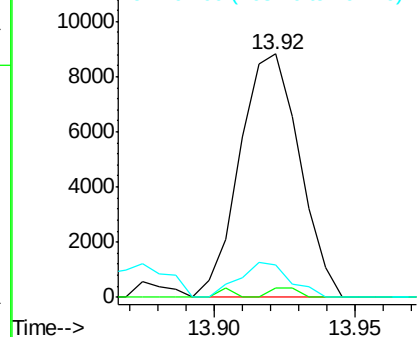
#44
Dimethylphthalate
Concen: 0.55 ng/ul
RT: 13.92 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM000171.D
Acq: 13 Jan 2015 16:28

Instrument :
BNA_M
ClientSampleId :
C0AM3

Tgt Ion:163 Resp: 12955
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 13.5 8.5 12.7#

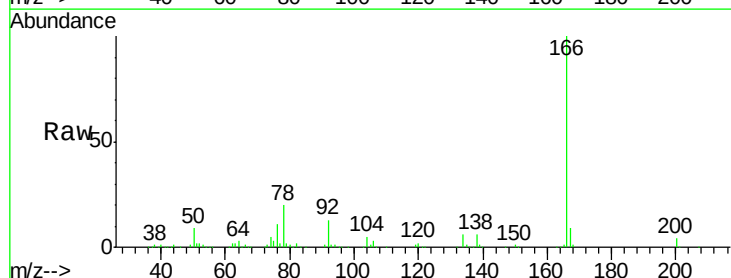


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

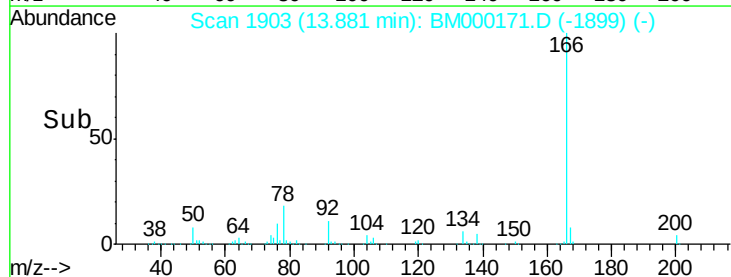
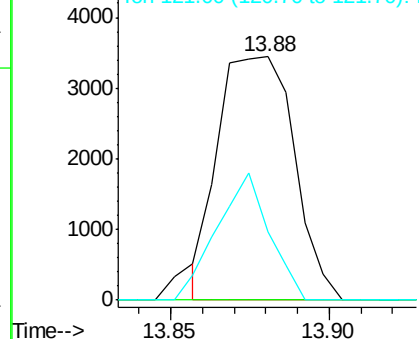


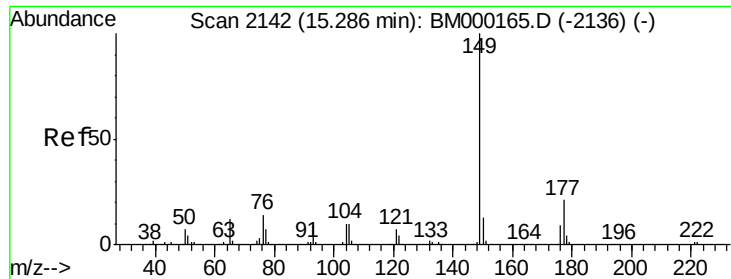
#45
2,6-Dinitrotoluene
Concen: 1.36 ng/ul
RT: 13.88 min Scan# 1903
Delta R.T. -0.18 min
Lab File: BM000171.D
Acq: 13 Jan 2015 16:28

Tgt Ion:165 Resp: 5739
Ion Ratio Lower Upper
165 100
89 0.0 54.4 81.6#
121 27.9 18.6 28.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E

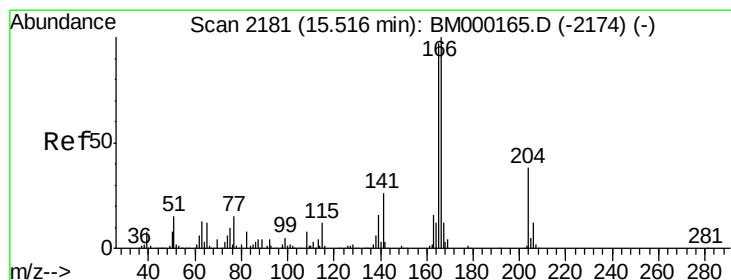
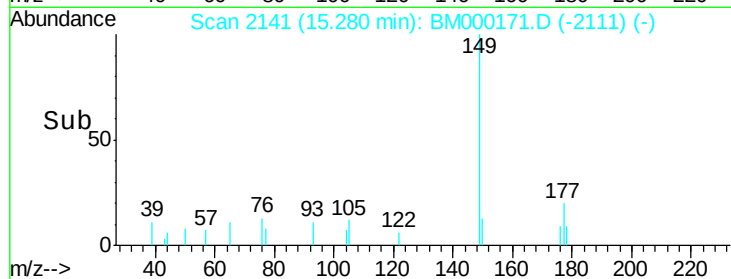
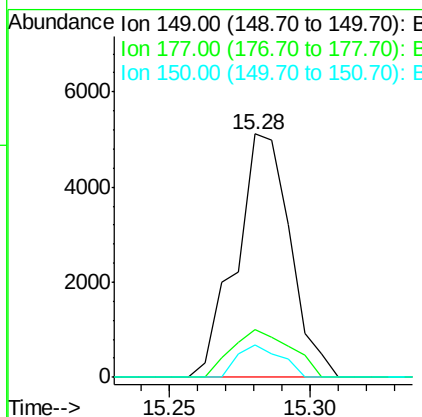
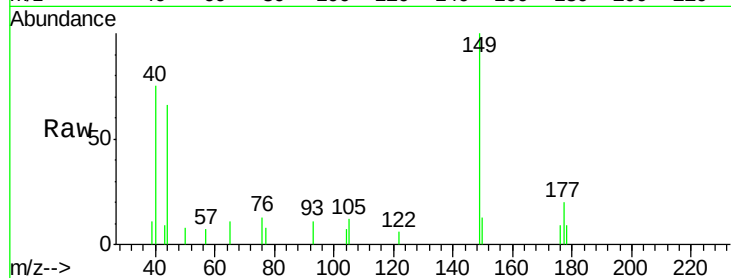




#56
Diethylphthalate
Concen: 0.27 ng/ul
RT: 15.28 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BM000171.D
Acq: 13 Jan 2015 16:28

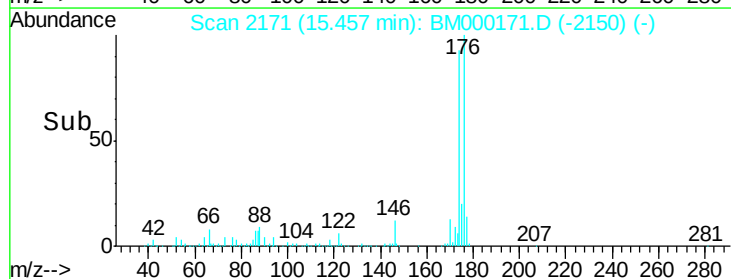
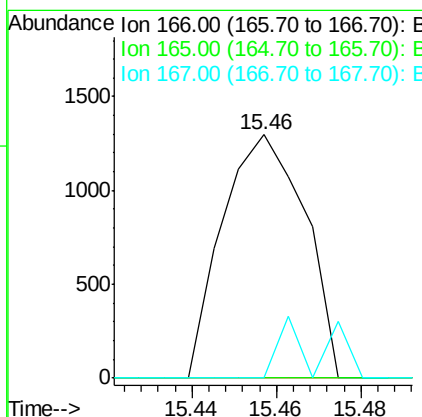
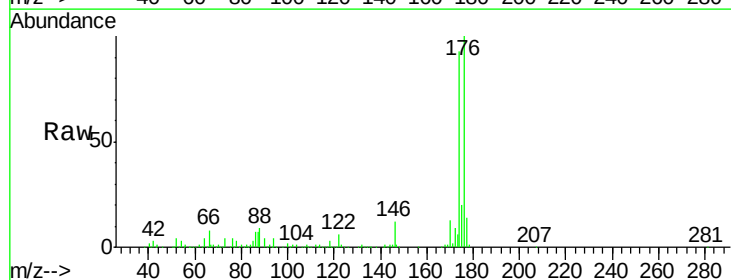
Instrument :
BNA_M
ClientSampleId :
C0AM3

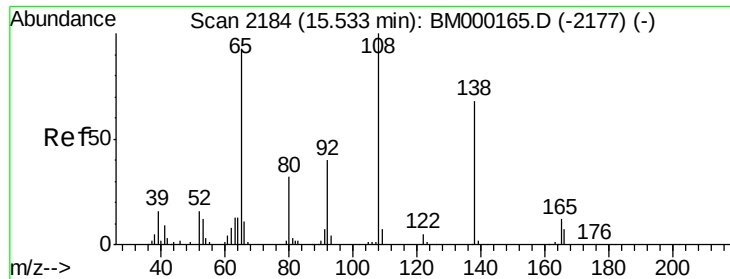
Tgt Ion:149 Resp: 6790
Ion Ratio Lower Upper
149 100
177 19.7 17.4 26.2
150 13.1 10.5 15.7



#58
Fluorene
Concen: 0.08 ng/ul
RT: 15.46 min Scan# 2171
Delta R.T. -0.08 min
Lab File: BM000171.D
Acq: 13 Jan 2015 16:28

Tgt Ion:166 Resp: 1758
Ion Ratio Lower Upper
166 100
165 0.0 76.0 114.0#
167 0.0 10.2 15.4#

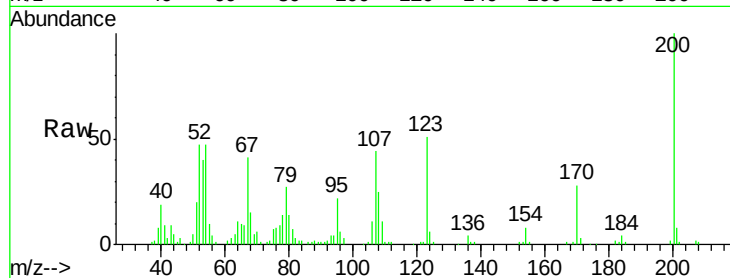




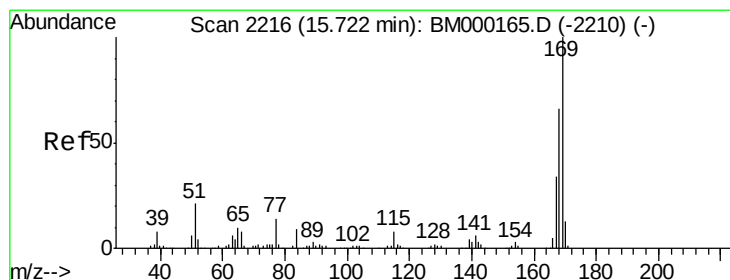
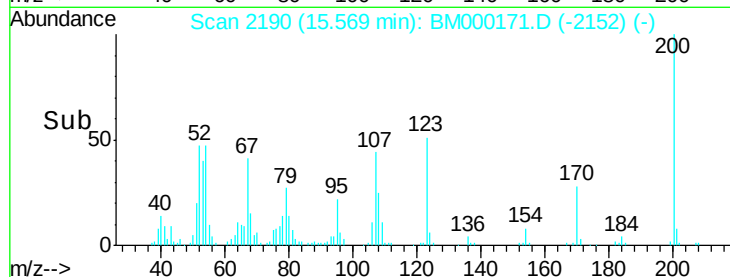
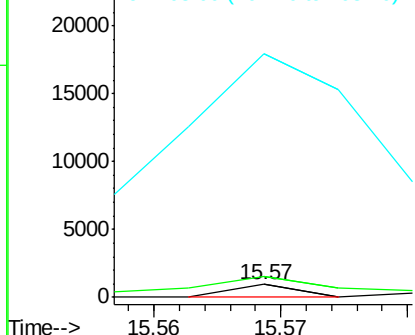
#60
4-Nitroaniline
Concen: 0.07 ng/ul
RT: 15.57 min Scan# 2190
Delta R.T. 0.02 min
Lab File: BM000171.D
Acq: 13 Jan 2015 16:28

Instrument :
BNA_M
ClientSampleId :
C0AM3

Tgt Ion:138 Resp: 333
Ion Ratio Lower Upper
138 100
92 163.0 49.3 73.9#
108 1900.0 110.3 165.5#

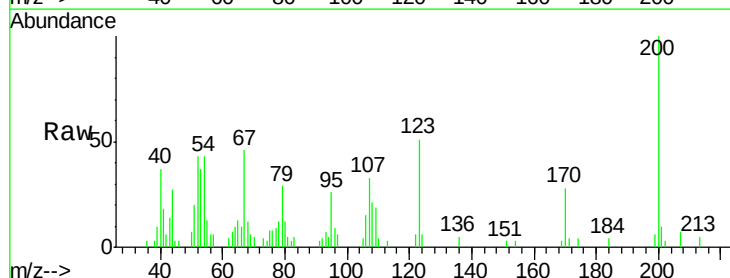


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

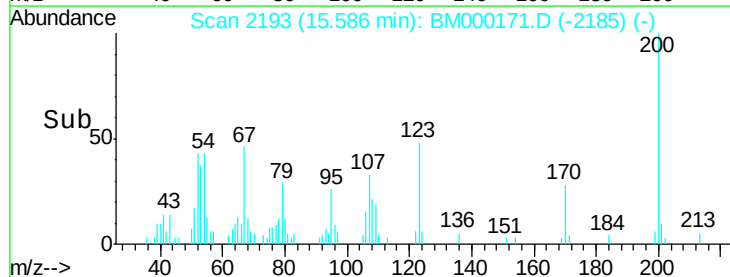
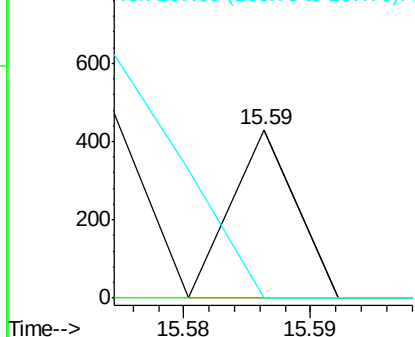


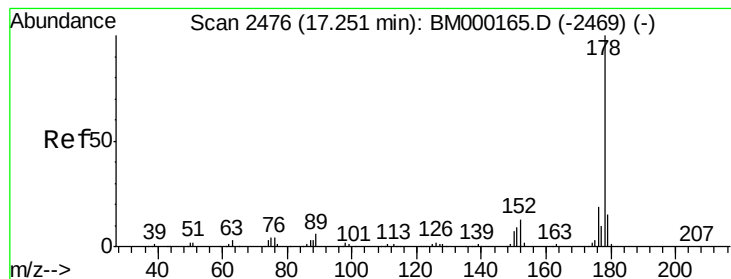
#64
N-Nitrosodiphenylamine
Concen: 0.01 ng/ul
RT: 15.59 min Scan# 2193
Delta R.T. -0.15 min
Lab File: BM000171.D
Acq: 13 Jan 2015 16:28

Tgt Ion:169 Resp: 152
Ion Ratio Lower Upper
169 100
168 0.0 51.8 77.6#
167 0.0 28.1 42.1#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 0.05 ng/ul

RT: 17.25 min Scan# 2476

Delta R.T. -0.02 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

Instrument :

BNA_M

ClientSampleId :

C0AM3

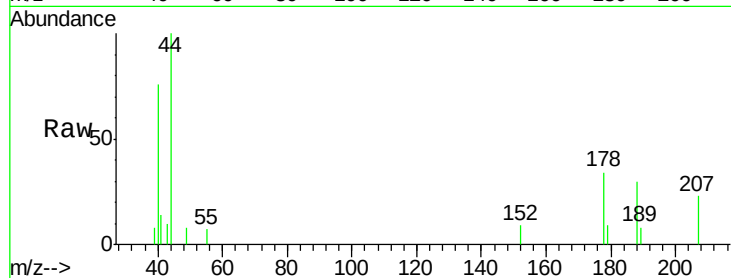
Tgt Ion:178 Resp: 1867

Ion Ratio Lower Upper

178 100

179 25.5 11.6 17.4#

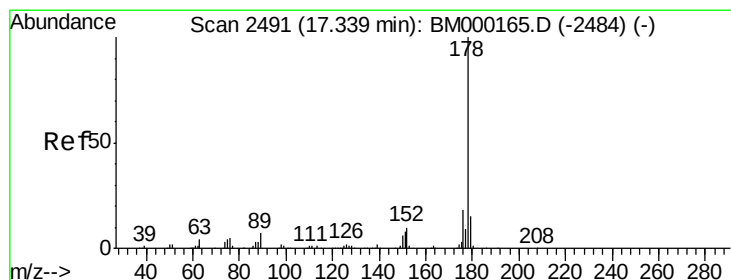
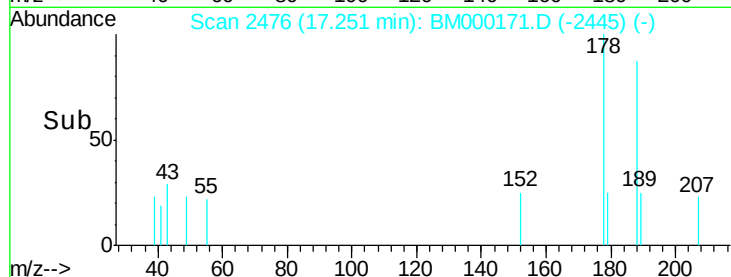
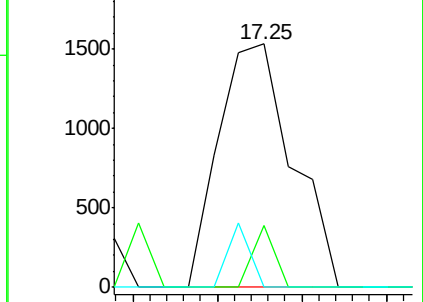
176 0.0 14.6 22.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 0.01 ng/ul

RT: 17.31 min Scan# 2486

Delta R.T. -0.04 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

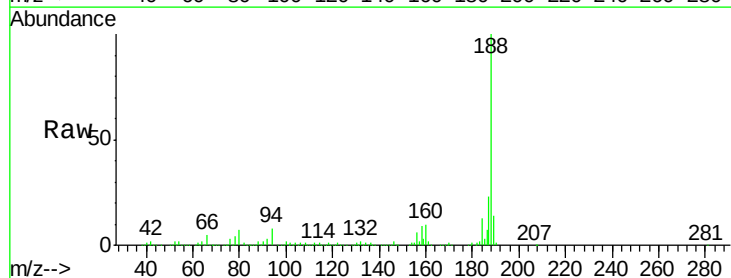
Tgt Ion:178 Resp: 309

Ion Ratio Lower Upper

178 100

179 157.4 12.6 18.8#

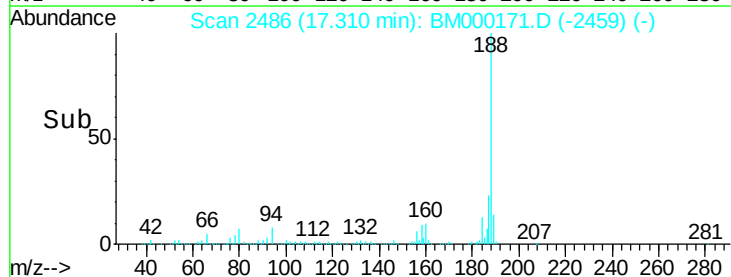
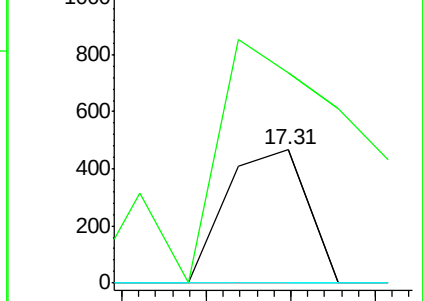
176 0.0 14.6 21.8#

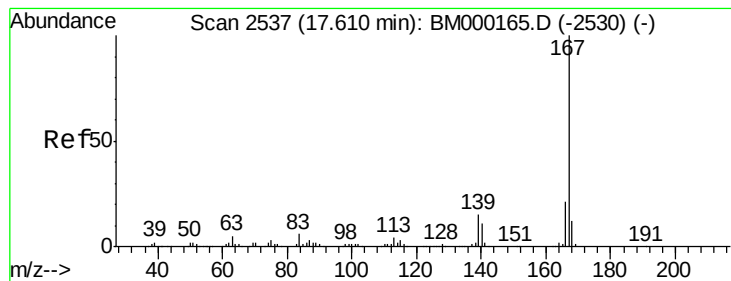


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 0.03 ng/ul

RT: 17.60 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

Instrument :

BNA_M

ClientSampleId :

C0AM3

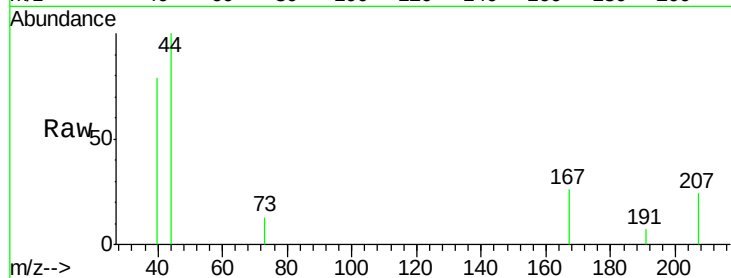
Tgt Ion:167 Resp: 1156

Ion Ratio Lower Upper

167 100

166 0.0 16.2 24.4#

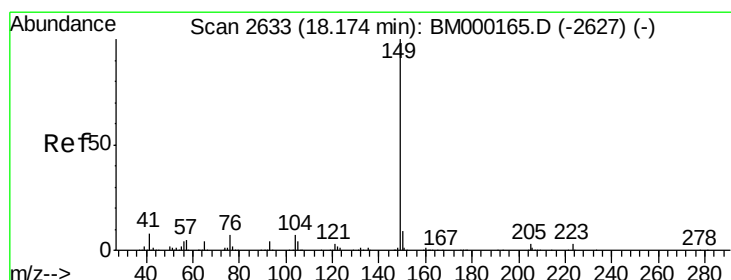
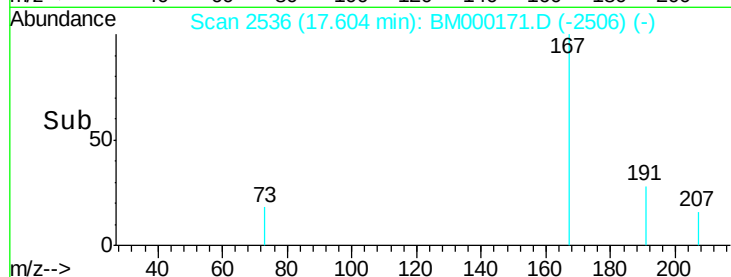
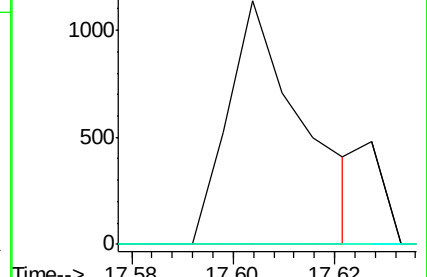
139 0.0 10.7 16.1#



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



#73

Di-n-butylphthalate

Concen: 0.11 ng/ul

RT: 18.17 min Scan# 2633

Delta R.T. -0.02 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

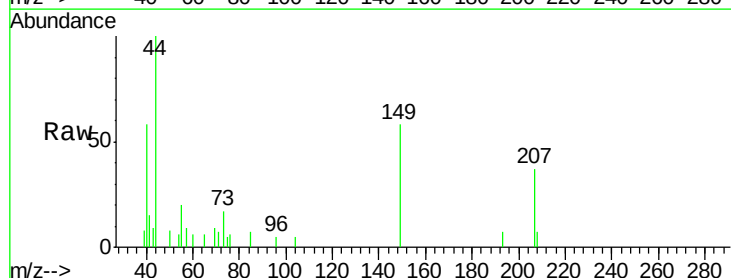
Tgt Ion:149 Resp: 4374

Ion Ratio Lower Upper

149 100

150 0.0 7.1 10.7#

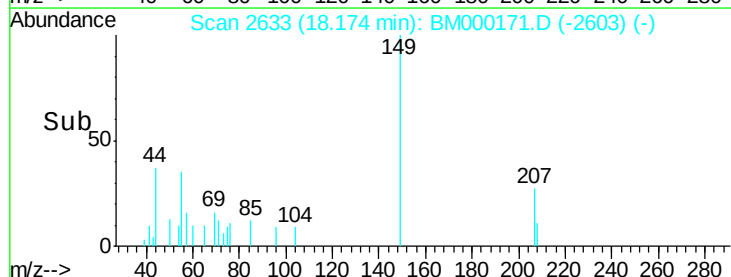
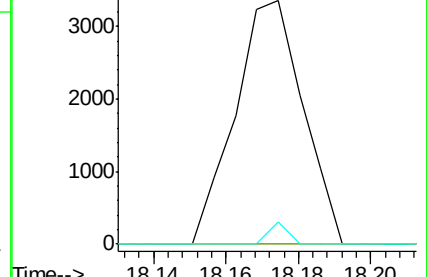
104 9.0 4.8 7.2#

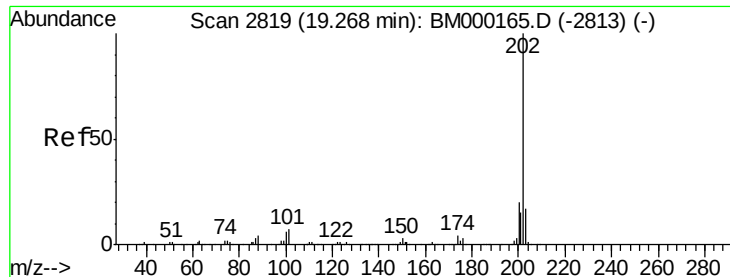


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.03 ng/ul

RT: 19.26 min Scan# 2817

Delta R.T. -0.03 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

Instrument :

BNA_M

ClientSampleId :

C0AM3

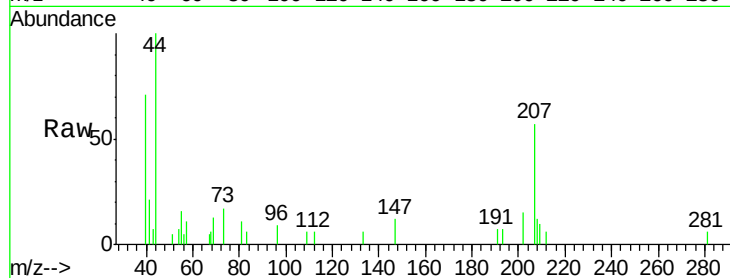
Tgt Ion:202 Resp: 1158

Ion Ratio Lower Upper

202 100

101 0.0 6.4 9.6#

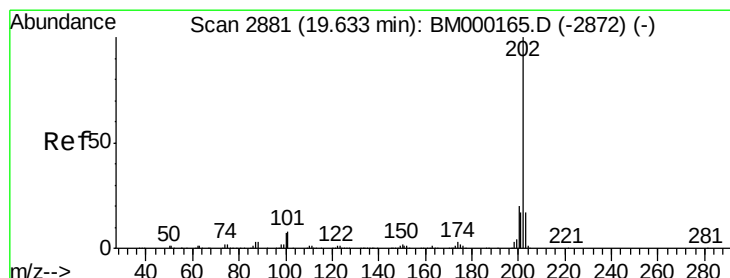
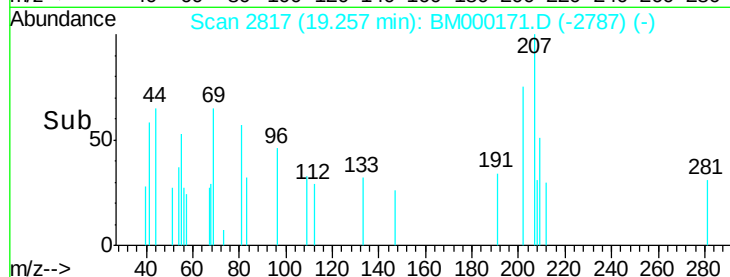
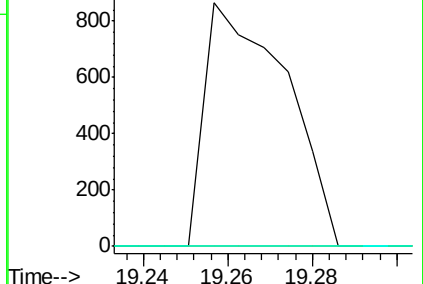
100 0.0 4.6 7.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 0.02 ng/ul

RT: 19.63 min Scan# 2881

Delta R.T. -0.02 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

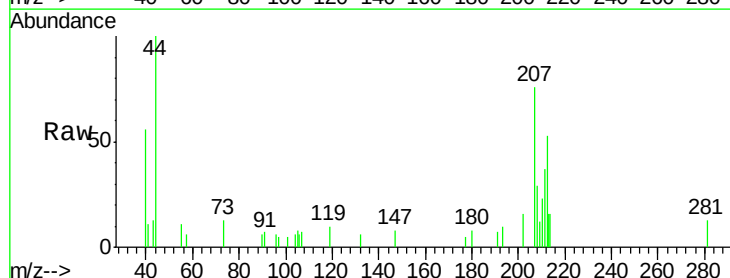
Tgt Ion:202 Resp: 1082

Ion Ratio Lower Upper

202 100

101 34.0 6.9 10.3#

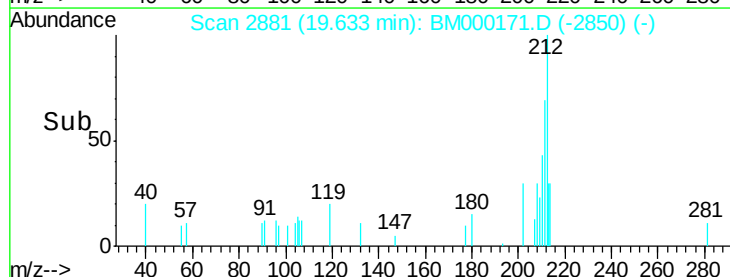
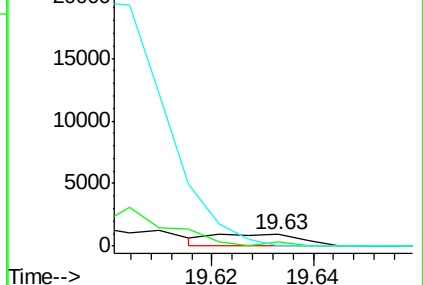
100 0.0 5.5 8.3#

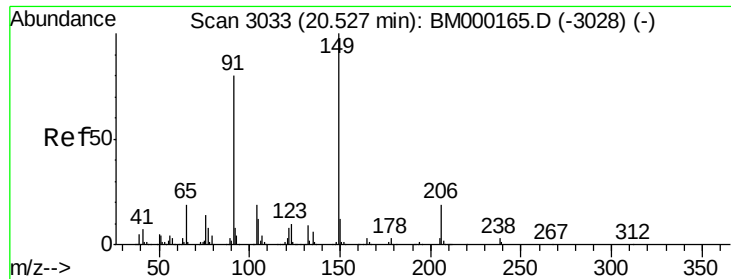


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

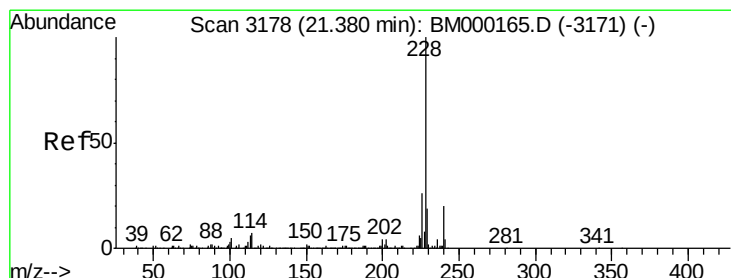
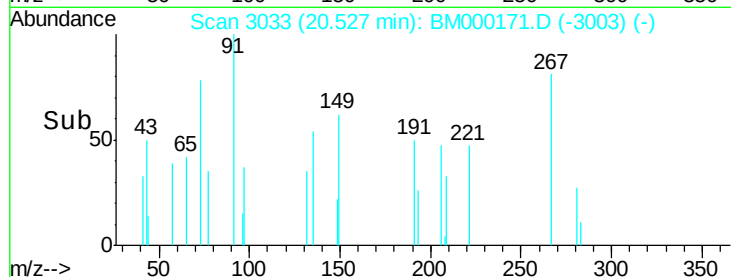
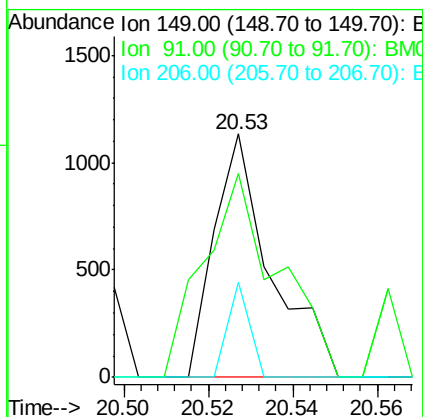
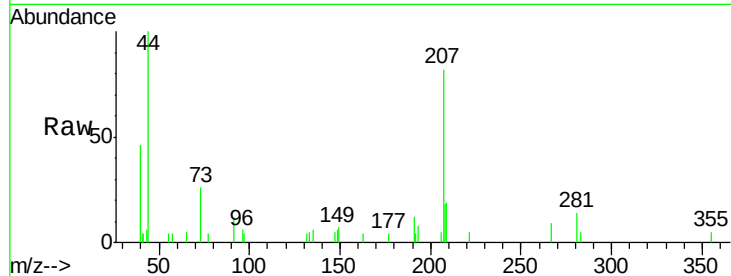




#78
Butylbenzylphthalate
Concen: 0.06 ng/ul
RT: 20.53 min Scan# 3033
Delta R.T. -0.02 min
Lab File: BM000171.D
Acq: 13 Jan 2015 16:28

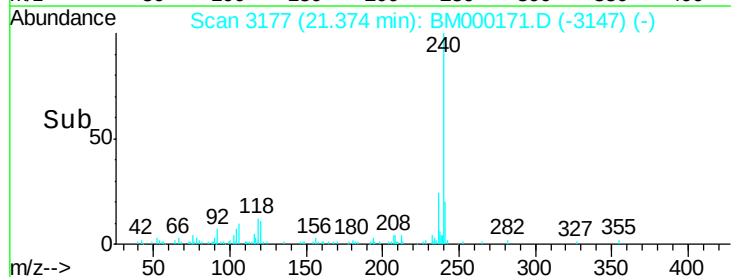
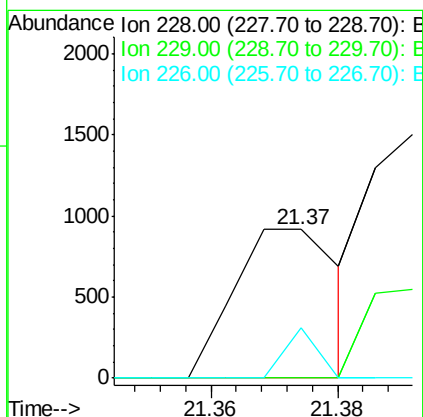
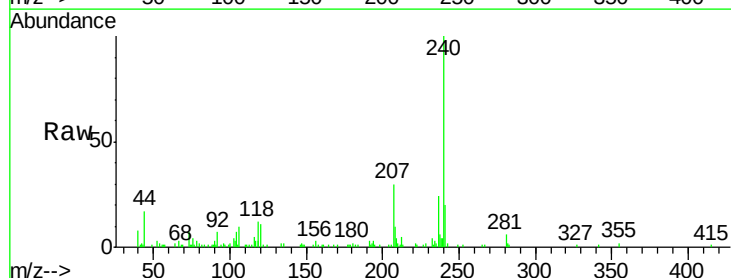
Instrument :
BNA_M
ClientSampled :
C0AM3

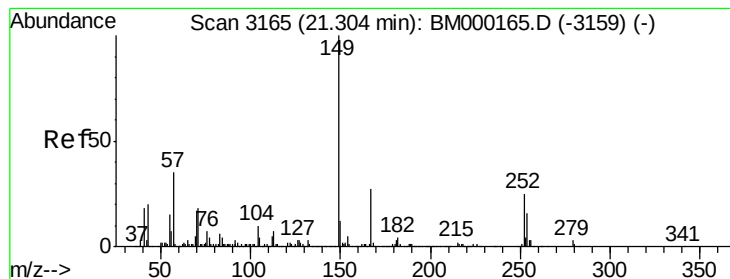
Tgt Ion:149 Resp: 1050
Ion Ratio Lower Upper
149 100
91 83.6 56.6 84.8
206 39.2 16.8 25.2#



#80
Benzo(a)anthracene
Concen: 0.02 ng/ul
RT: 21.37 min Scan# 3177
Delta R.T. -0.02 min
Lab File: BM000171.D
Acq: 13 Jan 2015 16:28

Tgt Ion:228 Resp: 1049
Ion Ratio Lower Upper
228 100
229 0.0 15.8 23.8#
226 34.2 20.7 31.1#





#81

Bis(2-ethylhexyl)phthalate

Concen: 0.25 ng/ul

RT: 21.30 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

Instrument :

BNA_M

ClientSampleId :

C0AM3

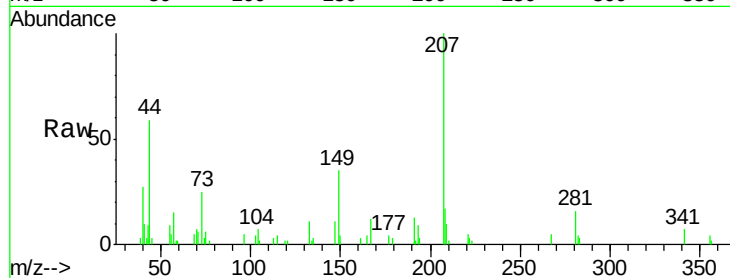
Tgt Ion:149 Resp: 6731

Ion Ratio Lower Upper

149 100

167 33.0 22.1 33.1

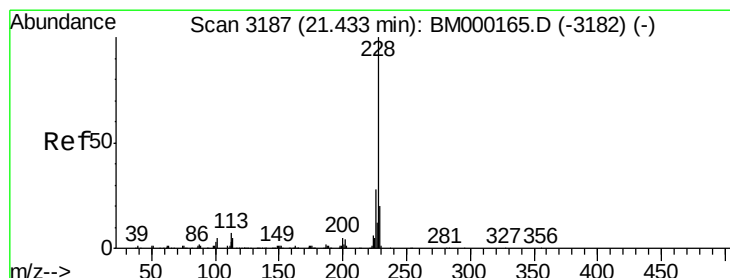
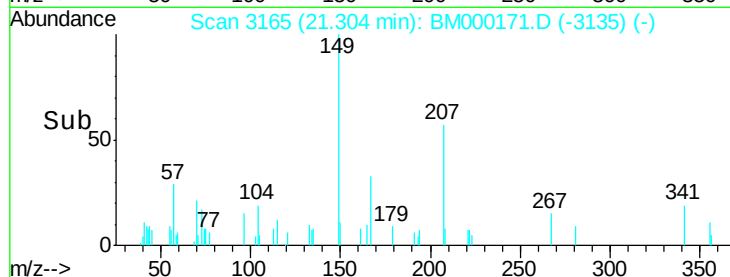
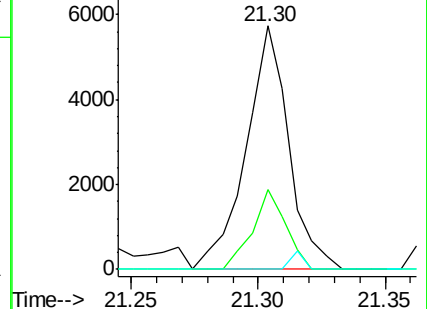
279 0.0 3.0 4.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 0.03 ng/ul

RT: 21.43 min Scan# 3187

Delta R.T. -0.01 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

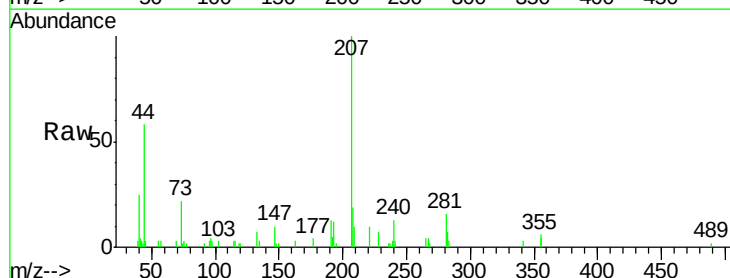
Tgt Ion:228 Resp: 1352

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.4#

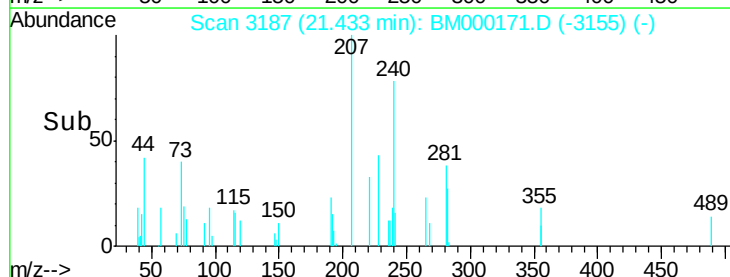
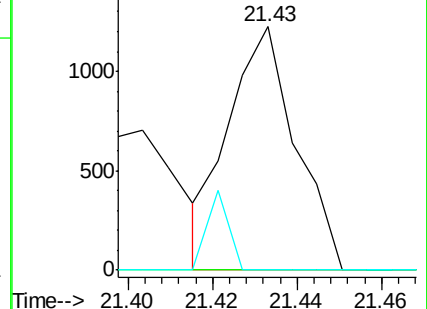
229 0.0 15.6 23.4#

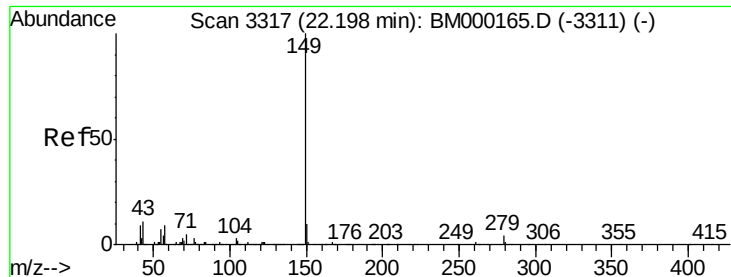


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 0.05 ng/ul

RT: 22.20 min Scan# 3318

Delta R.T. -0.03 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

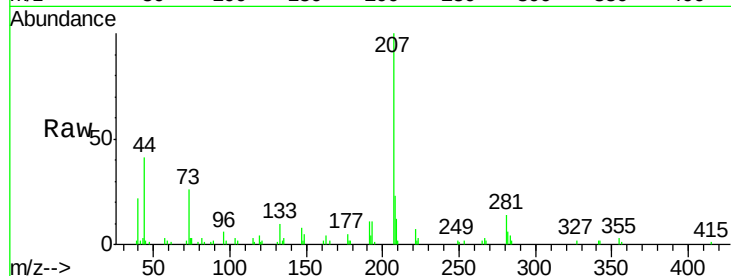
Instrument :

BNA_M

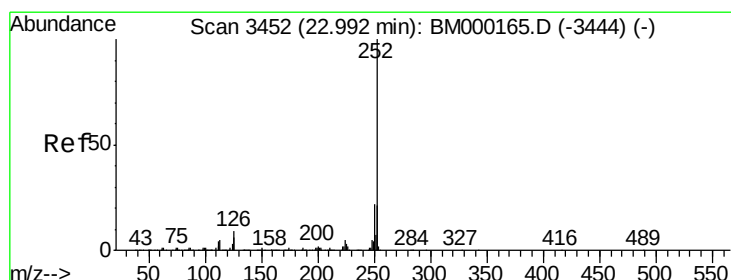
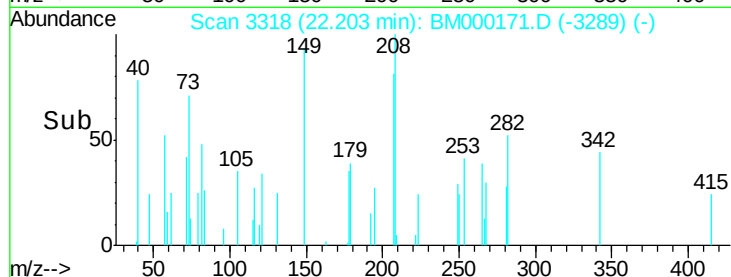
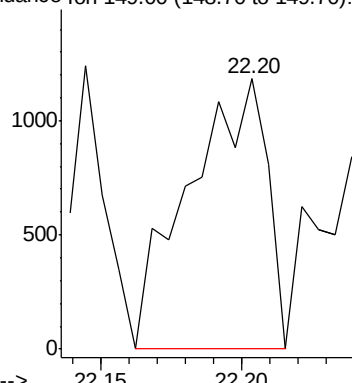
ClientSampleId :

C0AM3

Tgt Ion:149 Resp: 2270



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 22.99 min Scan# 3451

Delta R.T. -0.03 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

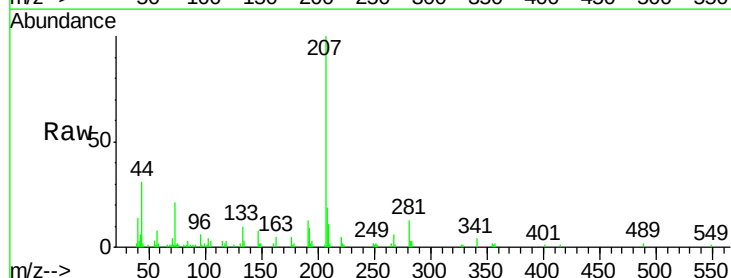
Tgt Ion:252 Resp: 608

Ion Ratio Lower Upper

252 100

253 57.7 17.1 25.7#

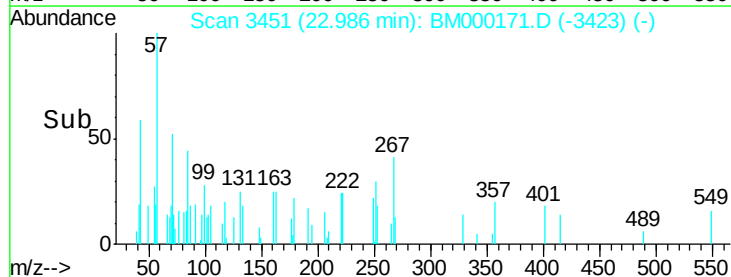
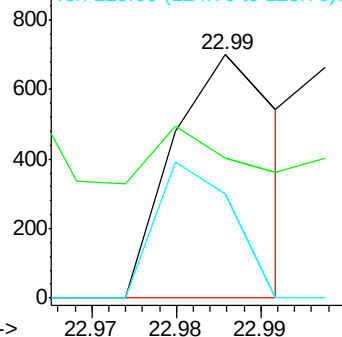
125 42.9 4.8 7.2#

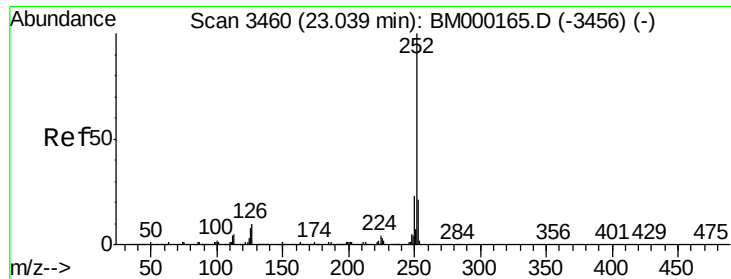


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 0.02 ng/ul

RT: 23.04 min Scan# 3460

Delta R.T. -0.03 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

Instrument :

BNA_M

ClientSampled :

C0AM3

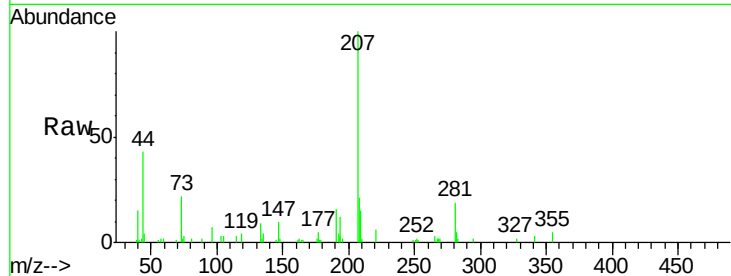
Tgt Ion:252 Resp: 672

Ion Ratio Lower Upper

252 100

253 54.7 17.2 25.8#

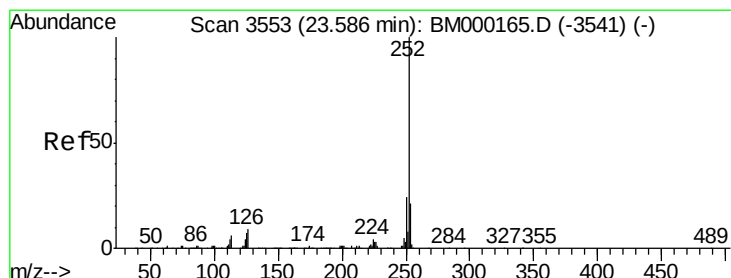
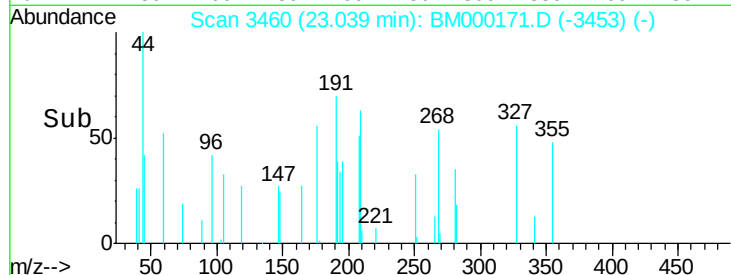
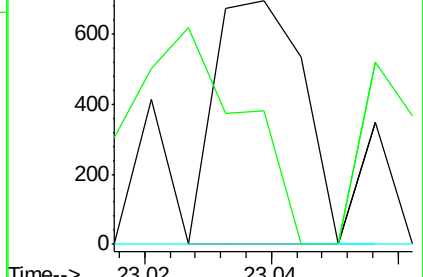
125 0.0 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.60 min Scan# 3555

Delta R.T. -0.02 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

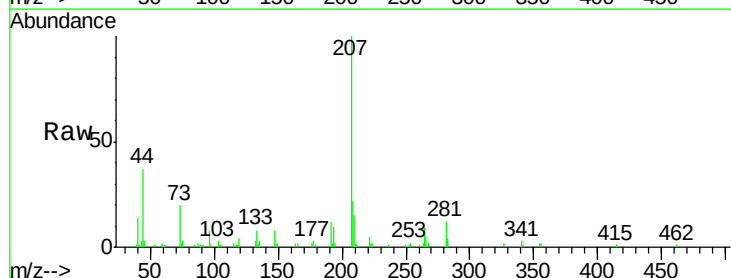
Tgt Ion:252 Resp: 150

Ion Ratio Lower Upper

252 100

253 117.0 17.0 25.6#

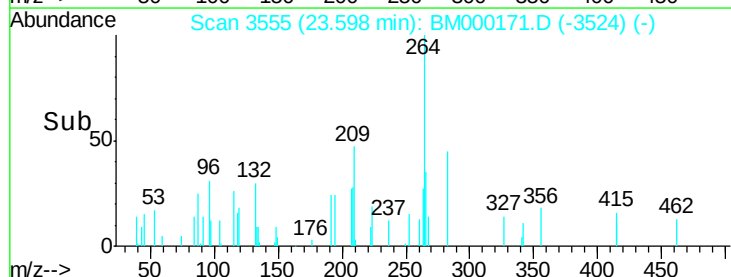
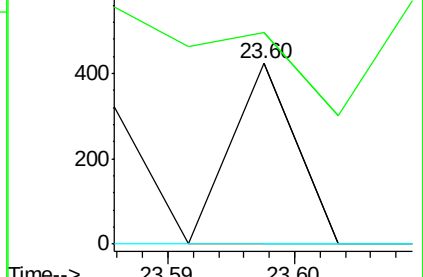
125 0.0 5.8 8.6#

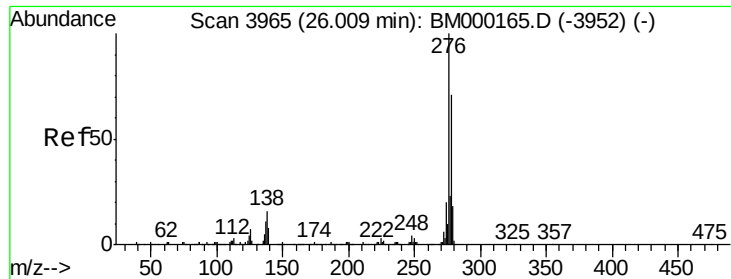


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng/ul

RT: 26.02 min Scan# 3966

Delta R.T. -0.03 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

Instrument :

BNA_M

ClientSampleId :

C0AM3

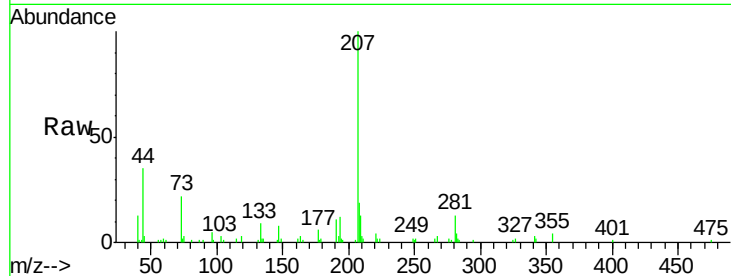
Tgt Ion:276 Resp: 229

Ion Ratio Lower Upper

276 100

138 0.0 14.2 21.2#

277 0.0 18.8 28.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

26.02

26.01

26.02

26.01

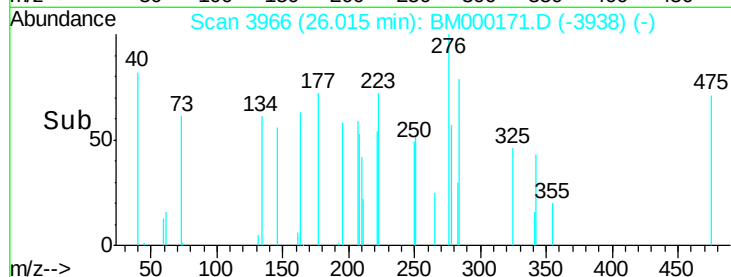
26.02

26.01

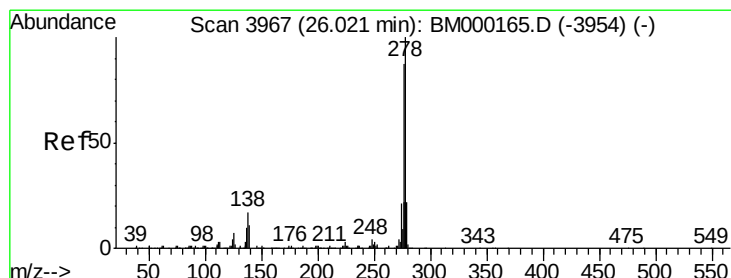
26.02

26.01

26.02



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 0.01 ng/ul

RT: 26.02 min Scan# 3966

Delta R.T. -0.05 min

Lab File: BM000171.D

Acq: 13 Jan 2015 16:28

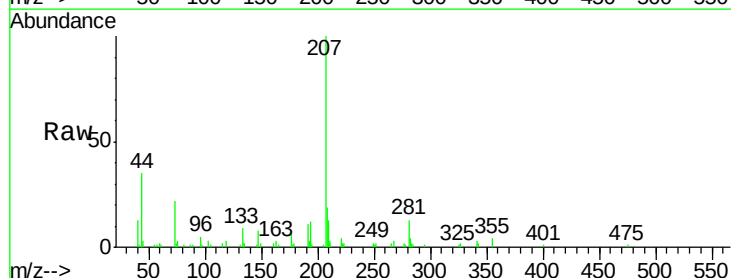
Tgt Ion:278 Resp: 246

Ion Ratio Lower Upper

278 100

139 0.0 10.2 15.2#

279 0.0 19.2 28.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

26.02

26.01

26.02

26.01

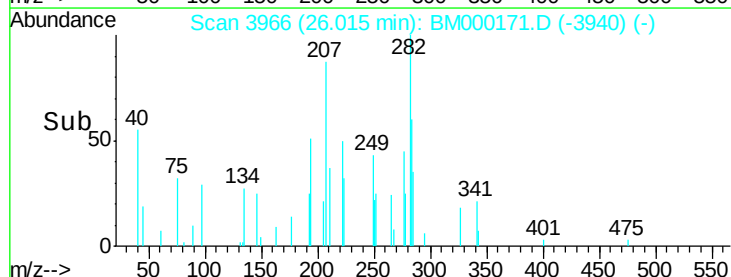
26.02

26.01

26.02

26.01

26.02



Time-->