

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011315\
 Data File : BM000175.D
 Acq On : 13 Jan 2015 18:50
 Operator : TP/IZ
 Sample : PB81301BL
 Misc : SBLK94
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK94

Quant Time: Jan 14 12:58:08 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	105596	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.62	136	415281	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.46	164	287460	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.21	188	591219	20.00	ng/ul	-0.02
75) Chrysene-d12	21.39	240	701426	20.00	ng/ul	-0.02
83) Perylene-d12	23.68	264	658393	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	13748	7.55	ng/uL	-0.01
5) Phenol-d5	6.99	99	360848	40.62	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	221675	39.48	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.36	132	265635	40.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	272490	38.56	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	111325	38.76	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.70	143	123361	42.08	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.24	165	249454	38.51	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.76	131	320011	43.54	ng/ul	-0.02
43) Dimethylphthalate-d6	13.87	166	796841	37.58	ng/ul	-0.01
46) Acenaphthylene-d8	14.16	160	990078	38.98	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.65	143	106211	30.78	ng/ul	-0.01
57) Fluorene-d10	15.46	176	705628	38.76	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.57	200	92501	33.01	ng/ul	-0.02
70) Anthracene-d10	17.30	188	1112120	40.68	ng/ul	-0.01
76) Pyrene-d10	19.60	212	1244614	38.46	ng/ul	-0.02
87) Benzo(a)pyrene-d12	23.53	264	1220932	40.86	ng/ul	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	152	0.06	ng/uL#	16
4) Benzaldehyde	6.99	77	1027	0.17	ng/ul#	5
8) Bis(2-Chloroethyl)ether	7.26	93	1139	0.16	ng/ul#	74
12) 2,2'-oxybis(1-Chloropropan	8.53	45	2721	0.23	ng/ul#	68
14) Acetophenone	8.66	105	314	0.03	ng/ul#	17
15) N-Nitroso-di-n-propylamine	8.53	70	8911	1.38	ng/ul#	1
20) Nitrobenzene	8.99	77	1299	0.15	ng/ul#	34
21) Isophorone	9.70	82	16637	1.01	ng/ul#	77
30) 4-Chloroaniline	10.79	127	108	0.01	ng/ul#	42
45) 2,6-Dinitrotoluene	13.88	165	5682	1.50	ng/ul#	36
58) Fluorene	15.46	166	1790	0.09	ng/ul#	3
60) 4-Nitroaniline	15.46	138	540	0.12	ng/ul#	1
64) N-Nitrosodiphenylamine	15.58	169	489	0.03	ng/ul#	30
69) Phenanthrene	17.30	178	434	0.01	ng/ul#	1
71) Anthracene	17.30	178	434	0.01	ng/ul#	1
77) Pyrene	19.60	202	1879	0.04	ng/ul#	1
78) Butylbenzylphthalate	20.58	149	279	0.02	ng/ul#	24
80) Benzo(a)anthracene	21.39	228	1588	0.04	ng/ul#	63
81) Bis(2-ethylhexyl)phthalate	21.32	149	337	0.01	ng/ul#	52
82) Chrysene	21.41	228	112	0.00	ng/ul#	51
84) Di-n-octyl phthalate	22.20	149	467	0.01	ng/ul	100
88) Benzo(a)pyrene	23.54	252	4348	0.12	ng/ul#	41

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QLast Update : Wed Jan 14 12:47:10 2015
Response via : Initial Calibration

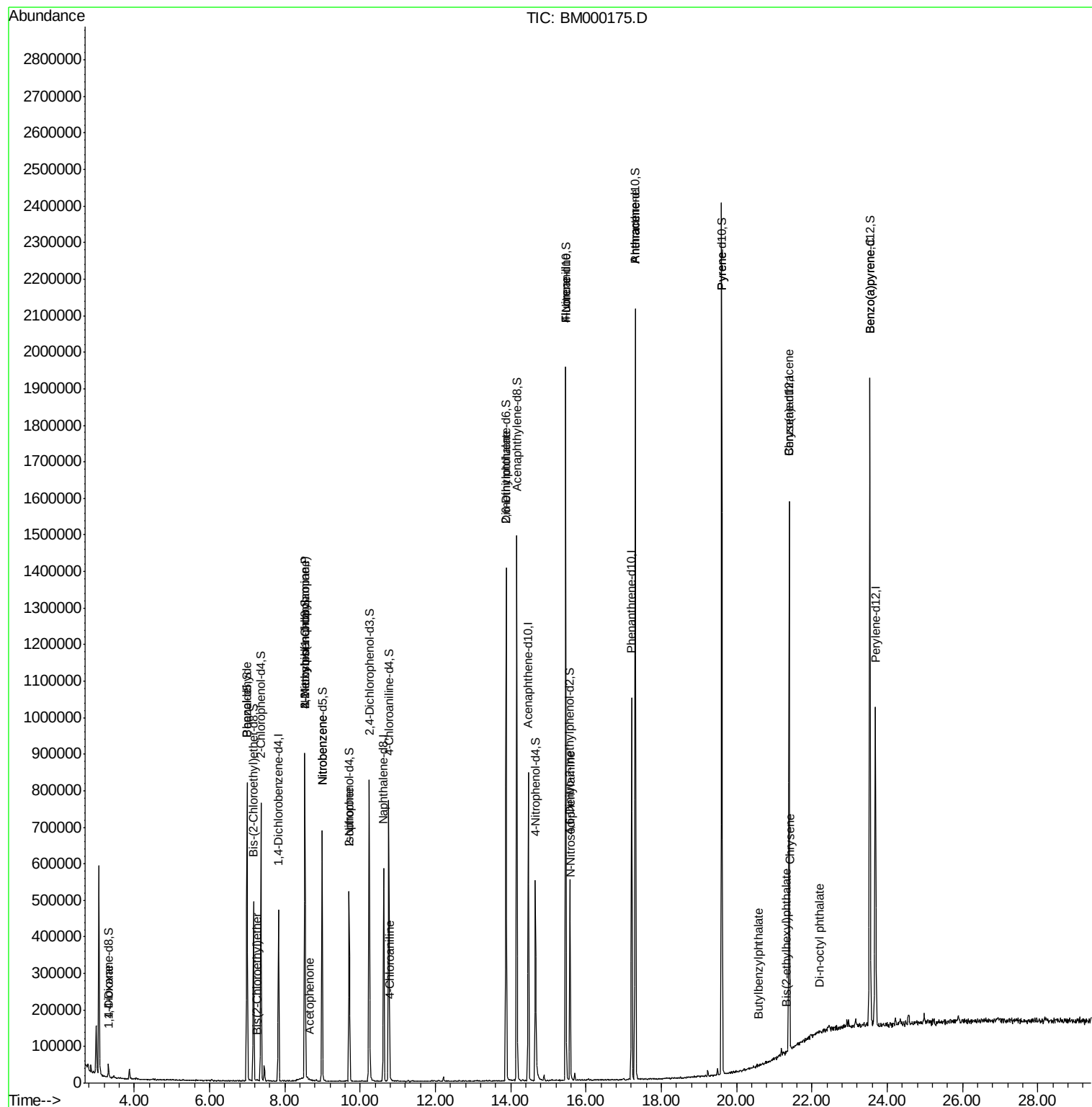
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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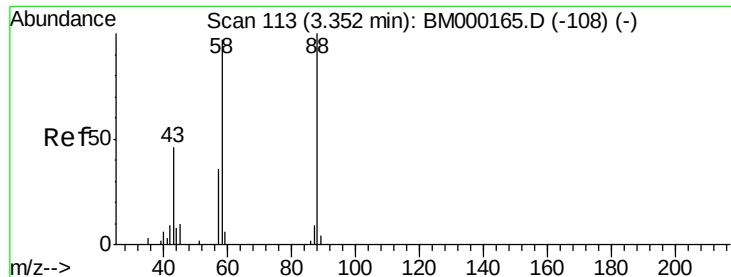
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.06 ng/uL

RT: 3.33 min Scan# 110

Delta R.T. -0.03 min

Lab File: BM000175.D

Acq: 13 Jan 2015 18:50

Instrument :

BNA_M

ClientSampleId :

SBLK94

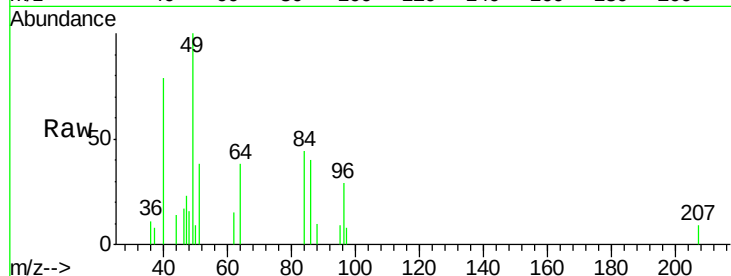
Tgt Ion: 88 Resp: 152

Ion Ratio Lower Upper

88 100

43 0.0 34.9 52.3#

58 0.0 67.3 100.9#



Abundance Ion 88.00 (87.70 to 88.70): BM000175.D (-30) (-)

Ion 43.00 (42.70 to 43.70): BM000175.D (-30) (-)

Ion 58.00 (57.70 to 58.70): BM000175.D (-30) (-)

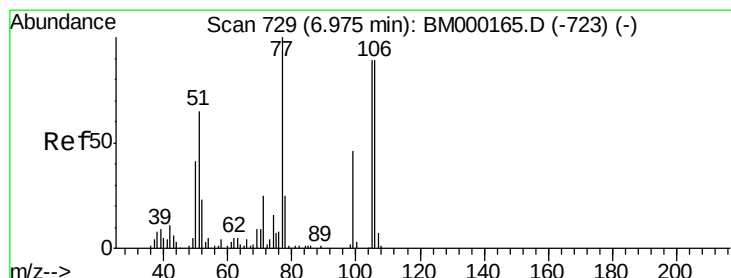
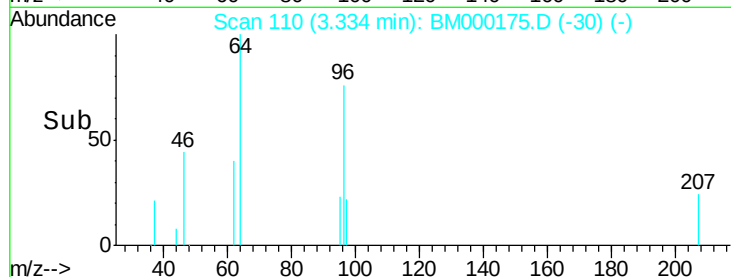
3.33

3.33

3.34

3.34

Time-->



#4

Benzaldehyde

Concen: 0.17 ng/uL

RT: 6.99 min Scan# 731

Delta R.T. 0.00 min

Lab File: BM000175.D

Acq: 13 Jan 2015 18:50

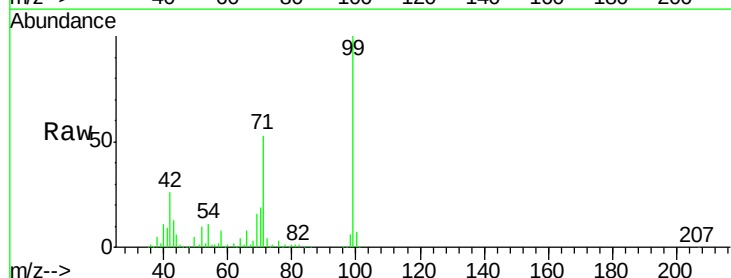
Tgt Ion: 77 Resp: 1027

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): BM000175.D (-697) (-)

Ion 105.00 (104.70 to 105.70): BM000175.D (-697) (-)

Ion 106.00 (105.70 to 106.70): BM000175.D (-697) (-)

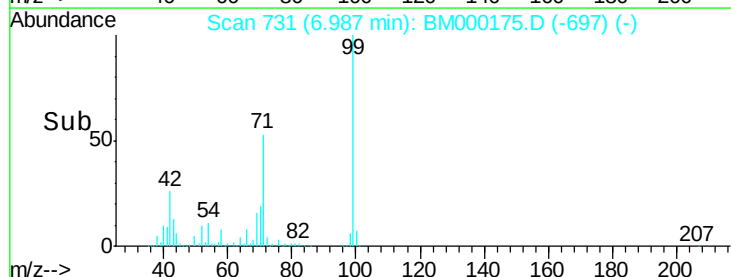
6.99

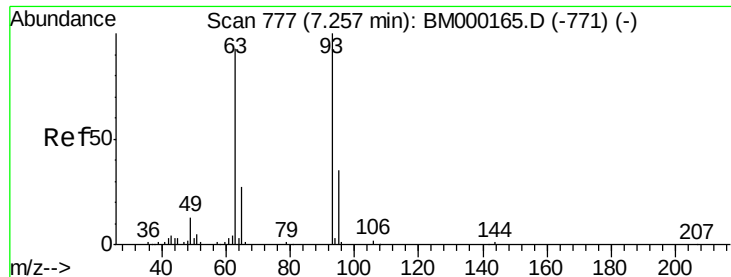
6.99

7.00

7.02

Time-->





#8

Bis(2-Chloroethyl)ether

Concen: 0.16 ng/ul

RT: 7.26 min Scan# 777

Delta R.T. -0.01 min

Lab File: BM000175.D

Acq: 13 Jan 2015 18:50

Instrument :

BNA_M

ClientSampleId :

SBLK94

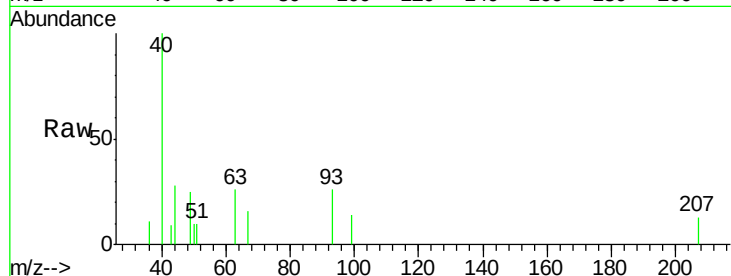
Tgt Ion: 93 Resp: 1139

Ion Ratio Lower Upper

93 100

63 99.8 68.9 103.3

95 0.0 24.6 37.0#

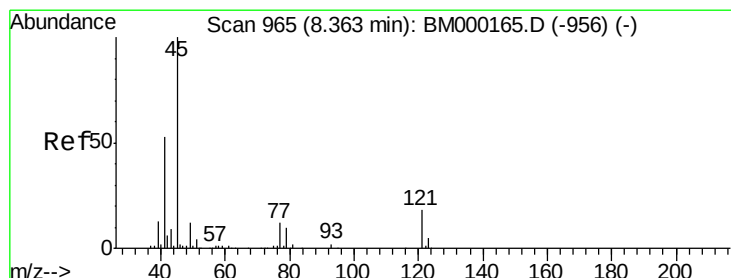
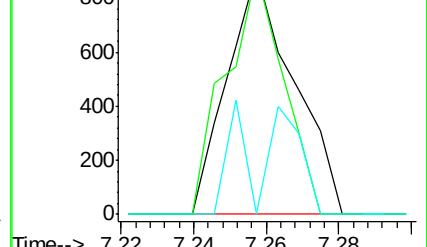
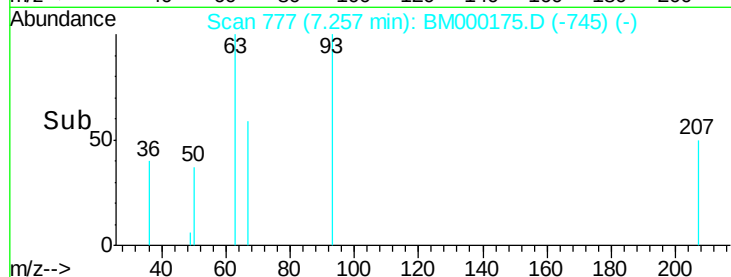


Abundance Ion 93.00 (92.70 to 93.70): BM000175.D (-745) (-)

Ion 63.00 (62.70 to 63.70): BM000175.D (-745) (-)

Ion 95.00 (94.70 to 95.70): BM000175.D (-745) (-)

Time-->



#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.23 ng/ul

RT: 8.53 min Scan# 993

Delta R.T. 0.15 min

Lab File: BM000175.D

Acq: 13 Jan 2015 18:50

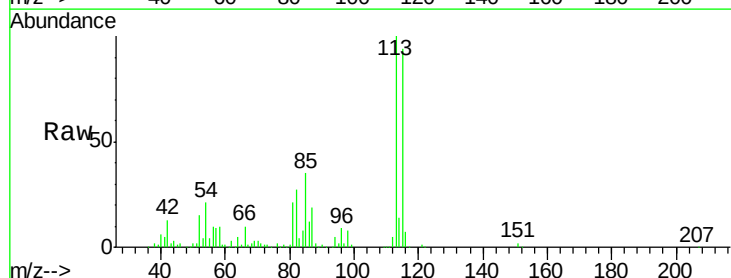
Tgt Ion: 45 Resp: 2721

Ion Ratio Lower Upper

45 100

77 26.0 9.9 14.9#

79 21.2 8.3 12.5#

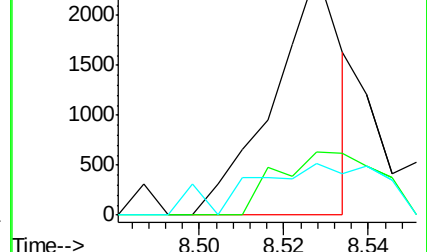
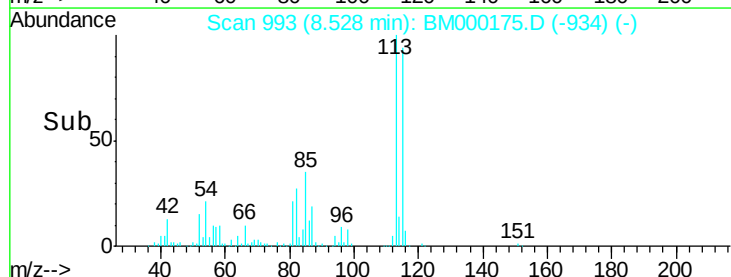


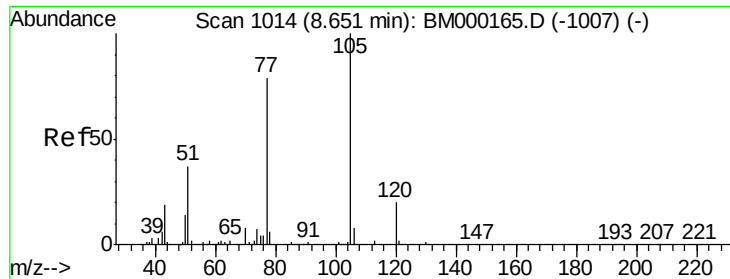
Abundance Ion 45.00 (44.70 to 45.70): BM000175.D (-934) (-)

Ion 77.00 (76.70 to 77.70): BM000175.D (-934) (-)

Ion 79.00 (78.70 to 79.70): BM000175.D (-934) (-)

Time-->





#14

Acetophenone

Concen: 0.03 ng/ul

RT: 8.66 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BM000175.D

Acq: 13 Jan 2015 18:50

Instrument :

BNA_M

ClientSampleId :

SBLK94

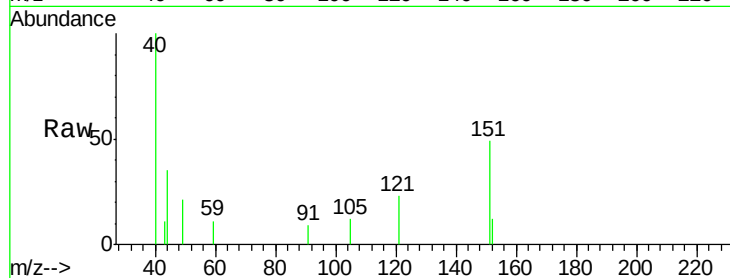
Tgt Ion: 105 Resp: 314

Ion Ratio Lower Upper

105 100

77 0.0 66.3 99.5#

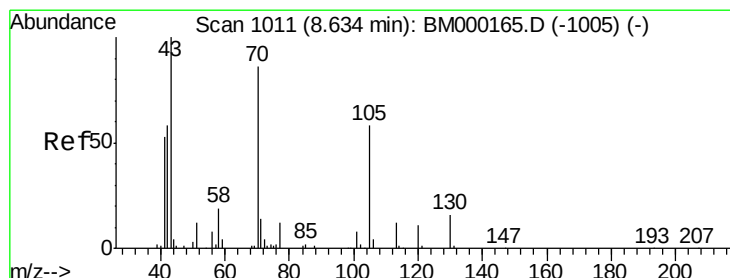
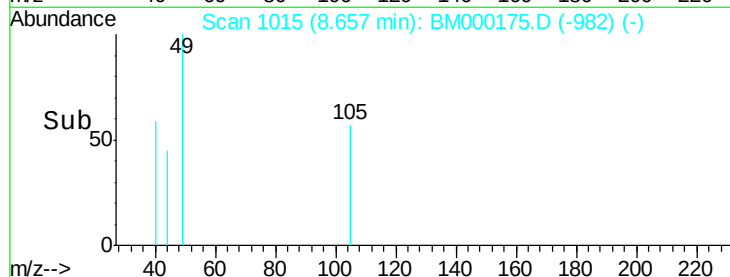
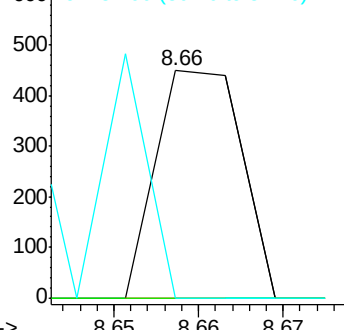
51 0.0 26.5 39.7#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#15

N-Nitroso-di-n-propylamine

Concen: 1.38 ng/ul

RT: 8.53 min Scan# 993

Delta R.T. -0.13 min

Lab File: BM000175.D

Acq: 13 Jan 2015 18:50

Tgt Ion: 70 Resp: 8911

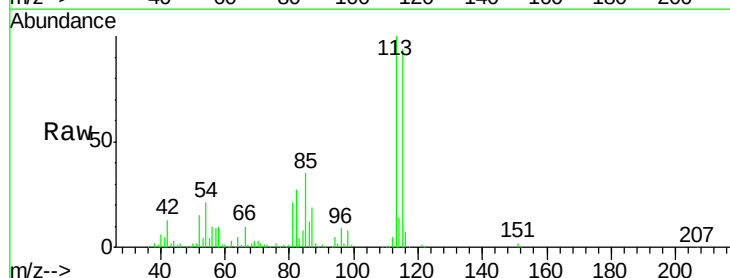
Ion Ratio Lower Upper

70 100

42 404.7 46.4 69.6#

101 0.0 7.8 11.8#

130 0.0 14.6 21.8#

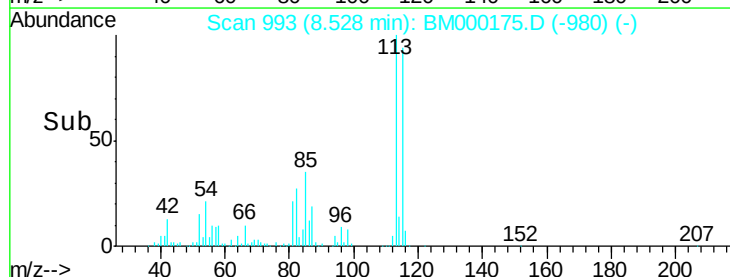
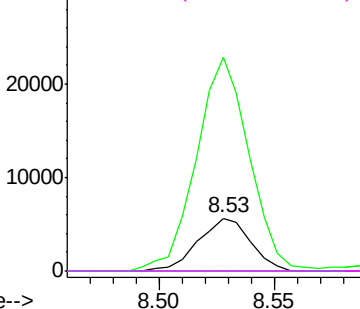


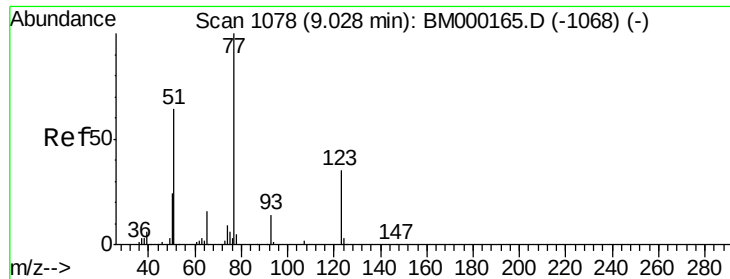
Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

Nitrobenzene

Concen: 0.15 ng/ul

RT: 8.99 min Scan# 1072

Delta R.T. -0.05 min

Lab File: BM000175.D

Acq: 13 Jan 2015 18:50

Instrument :

BNA_M

ClientSampleId :

SBLK94

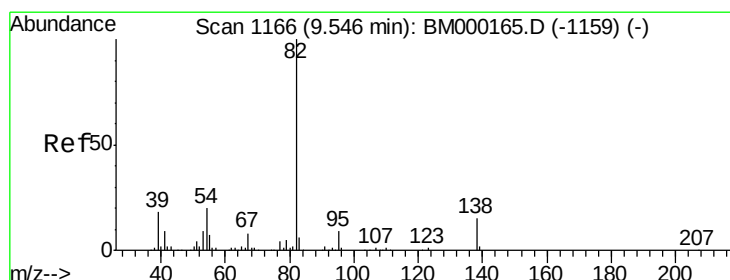
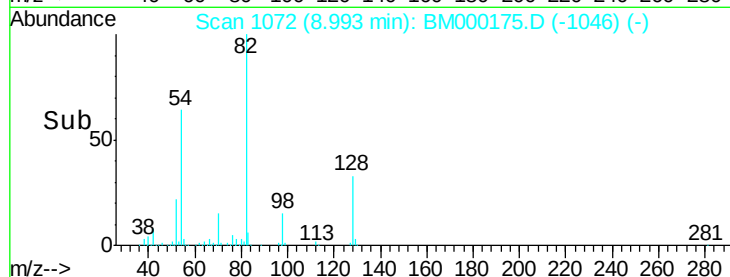
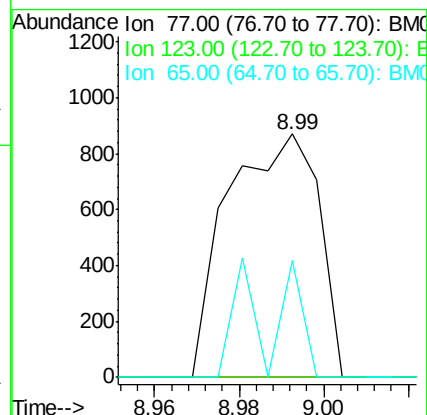
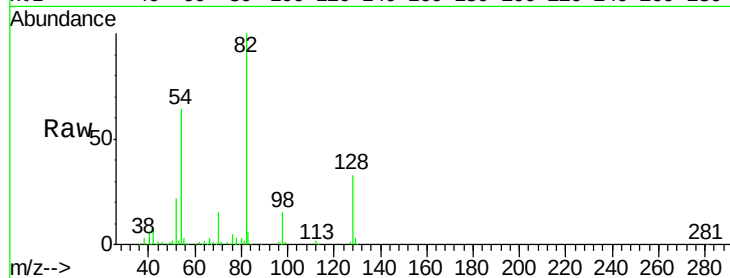
Tgt Ion: 77 Resp: 1299

Ion Ratio Lower Upper

77 100

123 0.0 29.2 43.8#

65 48.1 12.4 18.6#



#21

Isophorone

Concen: 1.01 ng/ul

RT: 9.70 min Scan# 1193

Delta R.T. 0.14 min

Lab File: BM000175.D

Acq: 13 Jan 2015 18:50

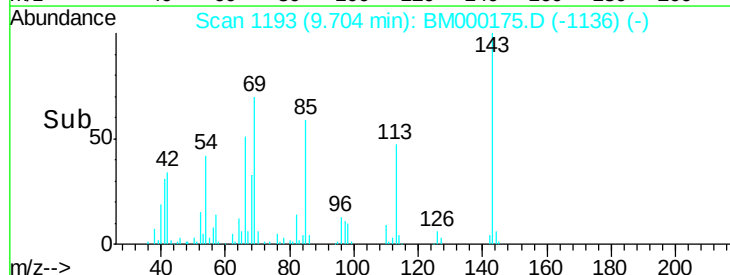
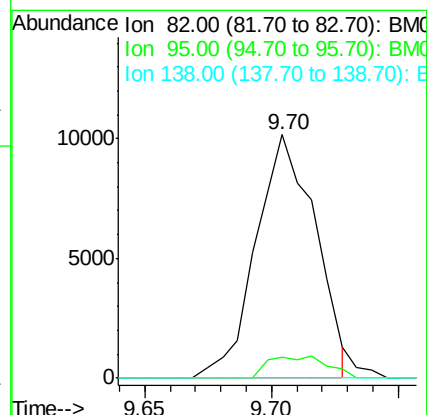
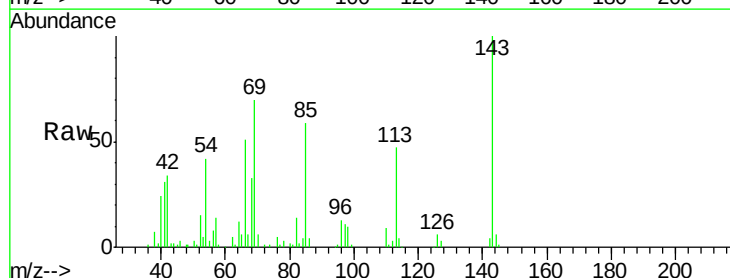
Tgt Ion: 82 Resp: 16637

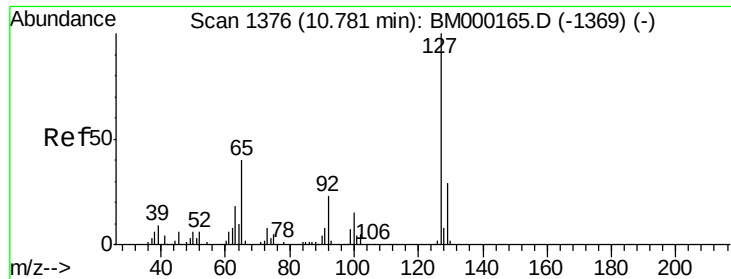
Ion Ratio Lower Upper

82 100

95 8.6 6.9 10.3

138 0.0 12.1 18.1#

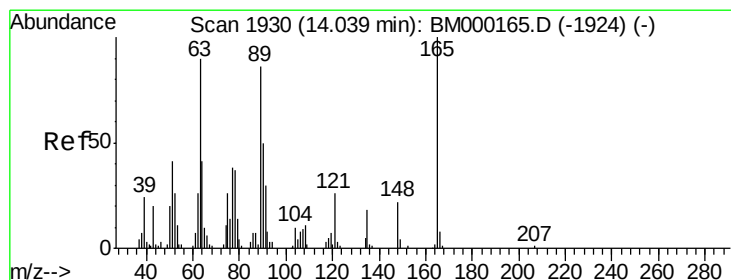
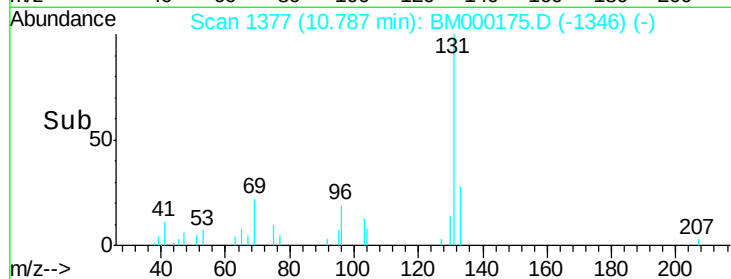
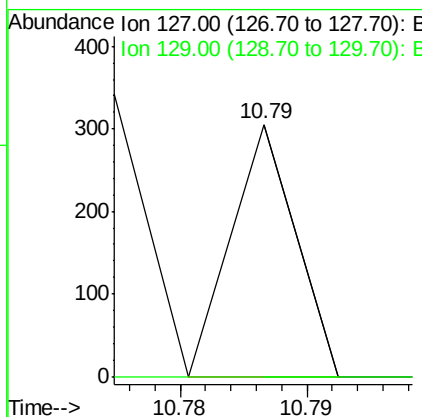
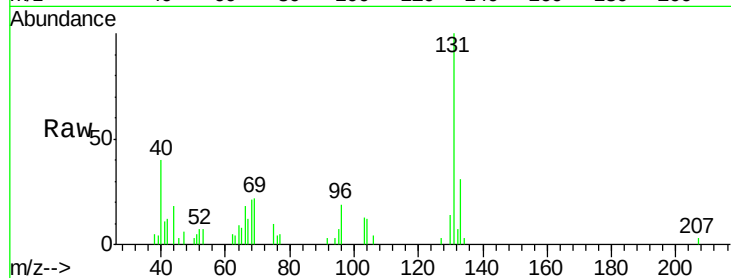




#30
4-Chloroaniline
Concen: 0.01 ng/ul
RT: 10.79 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BM000175.D
Acq: 13 Jan 2015 18:50

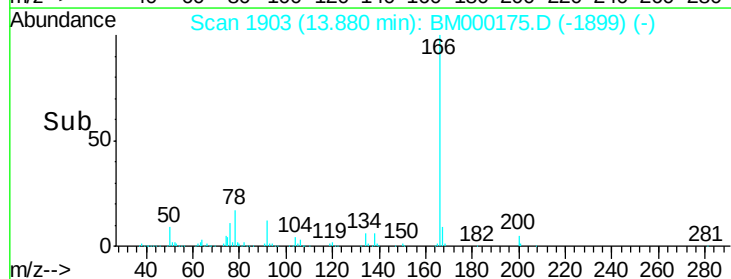
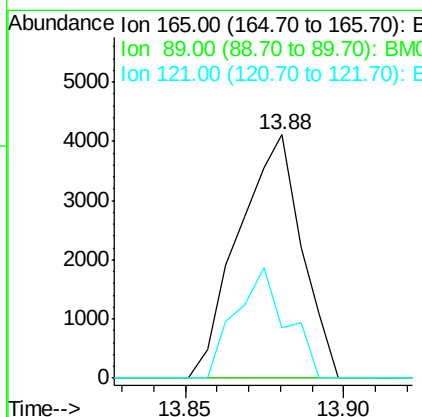
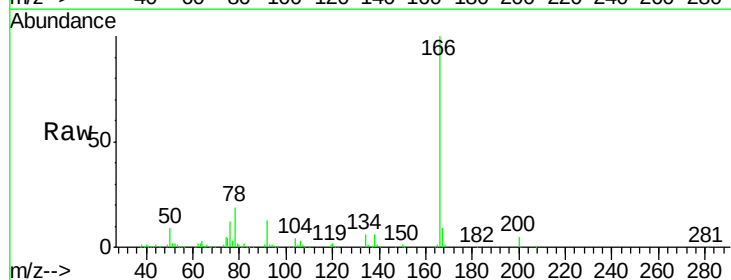
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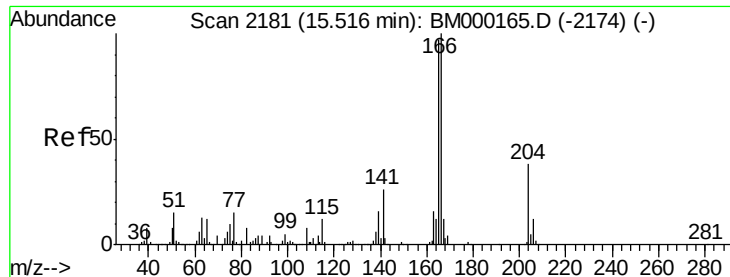
Tgt Ion:127 Resp: 108
Ion Ratio Lower Upper
127 100
129 0.0 26.5 39.7#



#45
2,6-Dinitrotoluene
Concen: 1.50 ng/ul
RT: 13.88 min Scan# 1903
Delta R.T. -0.18 min
Lab File: BM000175.D
Acq: 13 Jan 2015 18:50

Tgt Ion:165 Resp: 5682
Ion Ratio Lower Upper
165 100
89 0.0 54.4 81.6#
121 20.6 18.6 28.0

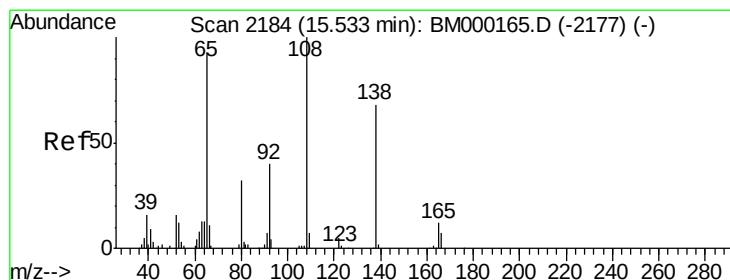
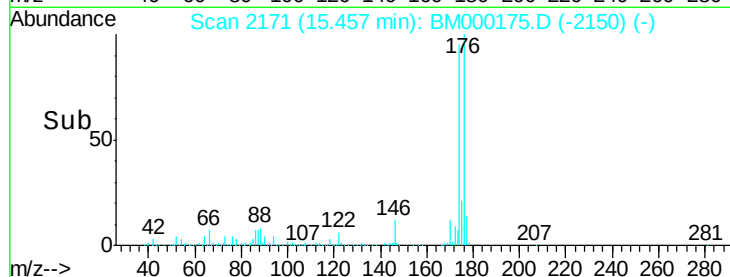
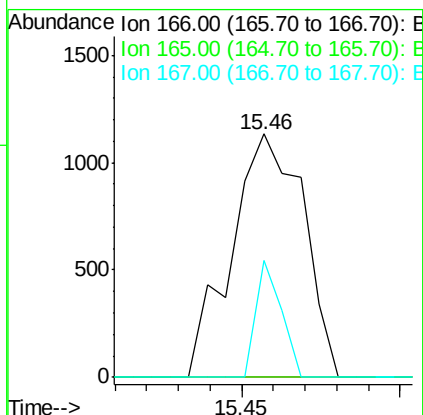
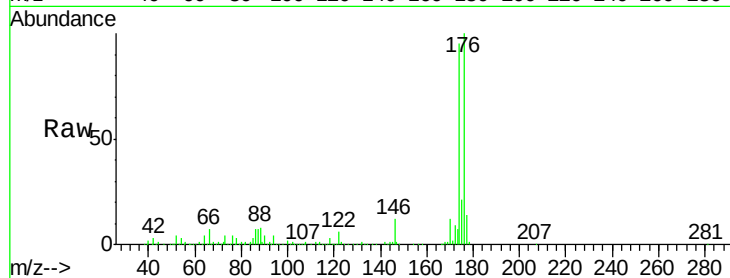




#58
 Fluorene
 Concen: 0.09 ng/ul
 RT: 15.46 min Scan# 2171
 Delta R.T. -0.08 min
 Lab File: BM000175.D
 Acq: 13 Jan 2015 18:50

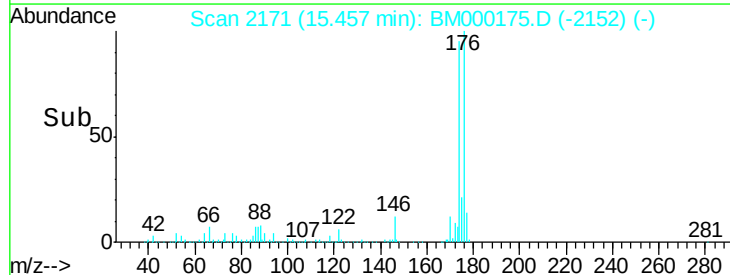
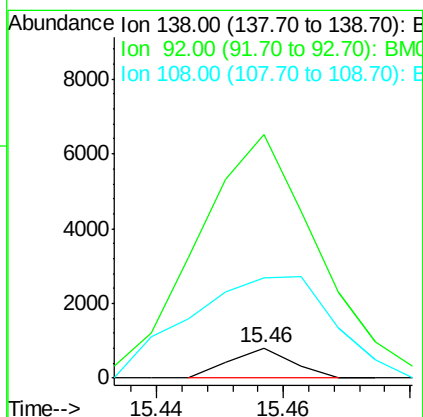
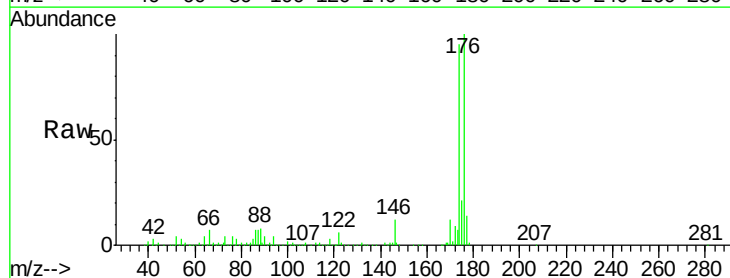
Instrument :
 BNA_M
 ClientSampled :
 SBLK94

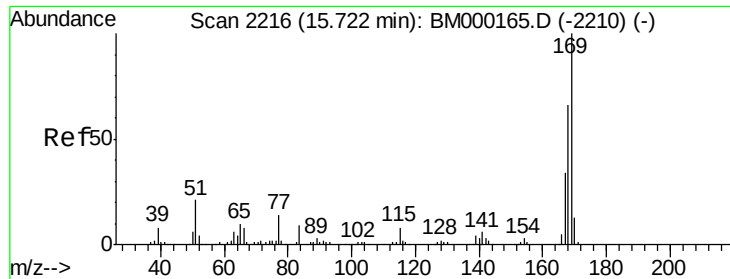
Tgt Ion:166 Resp: 1790
 Ion Ratio Lower Upper
 166 100
 165 0.0 76.0 114.0#
 167 48.1 10.2 15.4#



#60
 4-Nitroaniline
 Concen: 0.12 ng/ul
 RT: 15.46 min Scan# 2171
 Delta R.T. -0.09 min
 Lab File: BM000175.D
 Acq: 13 Jan 2015 18:50

Tgt Ion:138 Resp: 540
 Ion Ratio Lower Upper
 138 100
 92 805.4 49.3 73.9#
 108 333.4 110.3 165.5#

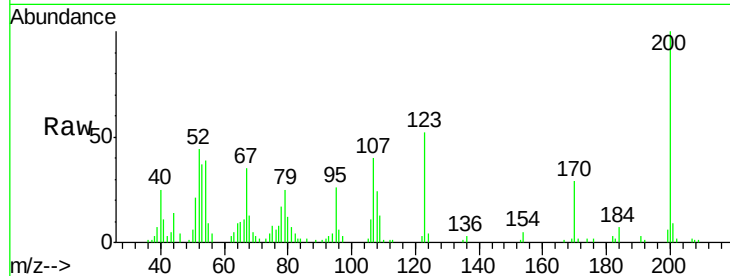




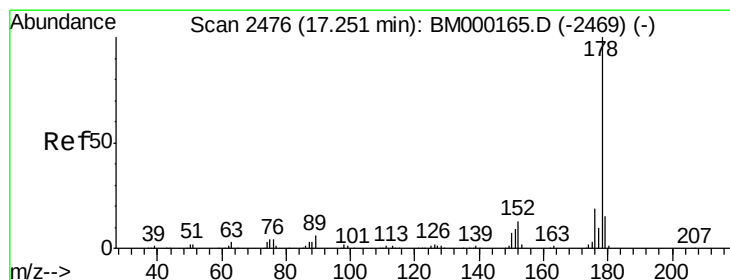
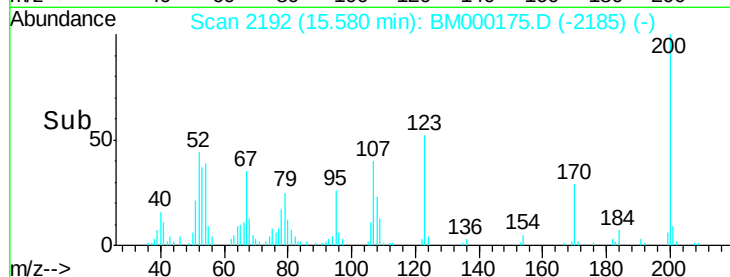
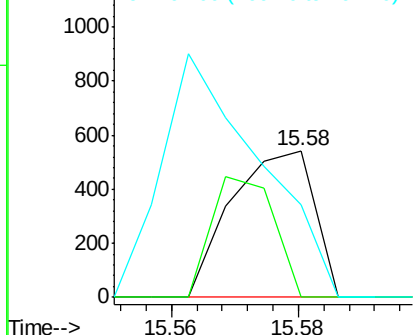
#64
N-Nitrosodiphenylamine
Concen: 0.03 ng/ul
RT: 15.58 min Scan# 2192
Delta R.T. -0.16 min
Lab File: BM000175.D
Acq: 13 Jan 2015 18:50

Instrument :
BNA_M
ClientSampleId :
SBLK94

Tgt Ion:169 Resp: 489
Ion Ratio Lower Upper
169 100
168 0.0 51.8 77.6#
167 63.3 28.1 42.1#

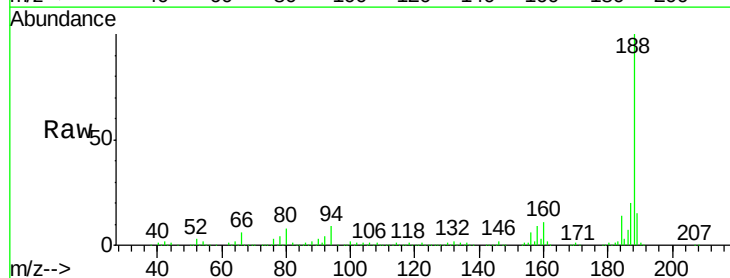


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

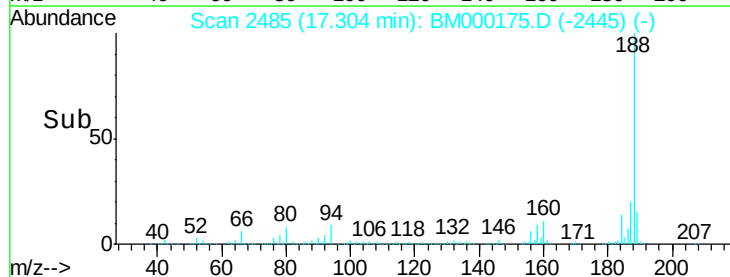
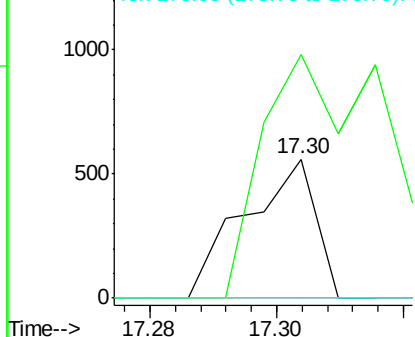


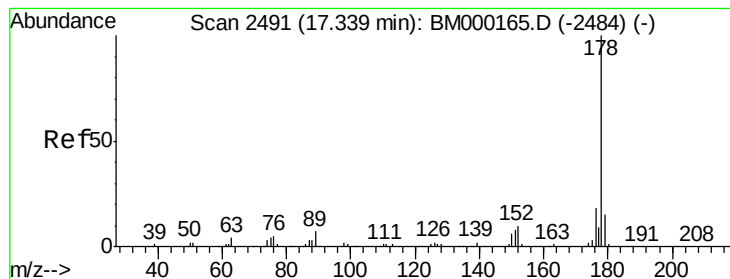
#69
Phenanthrene
Concen: 0.01 ng/ul
RT: 17.30 min Scan# 2485
Delta R.T. 0.03 min
Lab File: BM000175.D
Acq: 13 Jan 2015 18:50

Tgt Ion:178 Resp: 434
Ion Ratio Lower Upper
178 100
179 175.2 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: 17.30 min Scan# 2485

Delta R.T. -0.05 min

Lab File: BM000175.D

Acq: 13 Jan 2015 18:50

Instrument :

BNA_M

ClientSampleId :

SBLK94

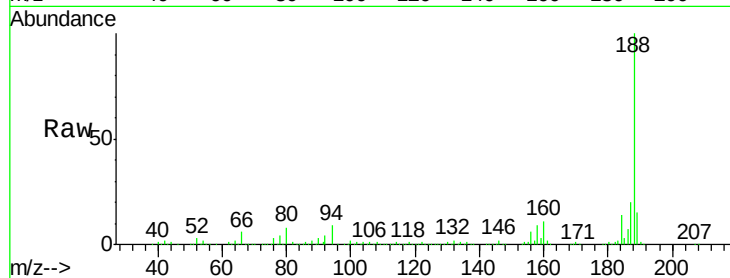
Tgt Ion:178 Resp: 434

Ion Ratio Lower Upper

178 100

179 175.2 12.6 18.8#

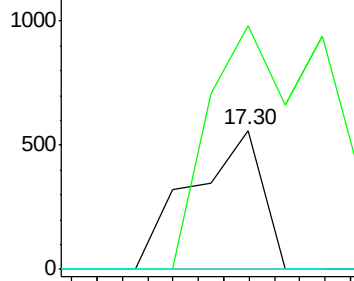
176 0.0 14.6 21.8#



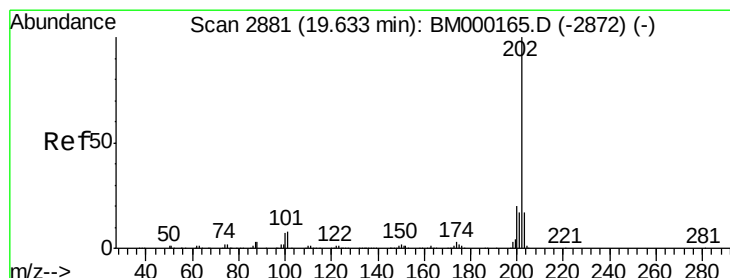
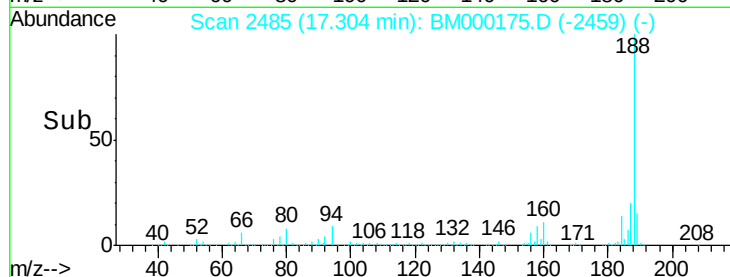
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#77

Pyrene

Concen: 0.04 ng/ul

RT: 19.60 min Scan# 2876

Delta R.T. -0.05 min

Lab File: BM000175.D

Acq: 13 Jan 2015 18:50

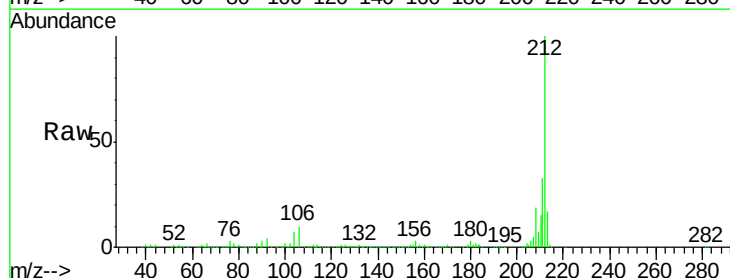
Tgt Ion:202 Resp: 1879

Ion Ratio Lower Upper

202 100

101 160.2 6.9 10.3#

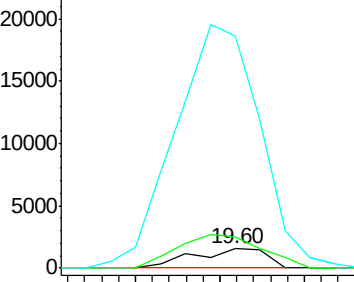
100 1209.9 5.5 8.3#



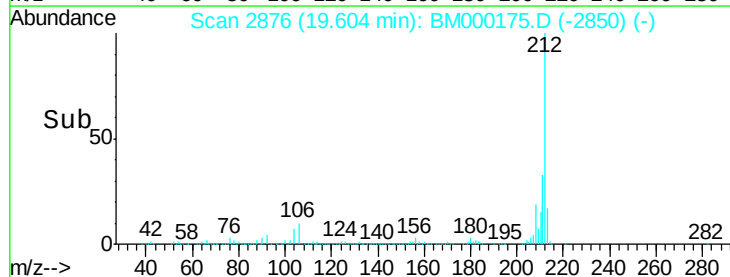
Abundance Ion 202.00 (201.70 to 202.70): E

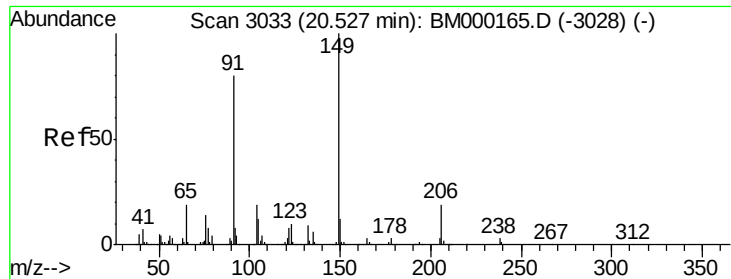
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->

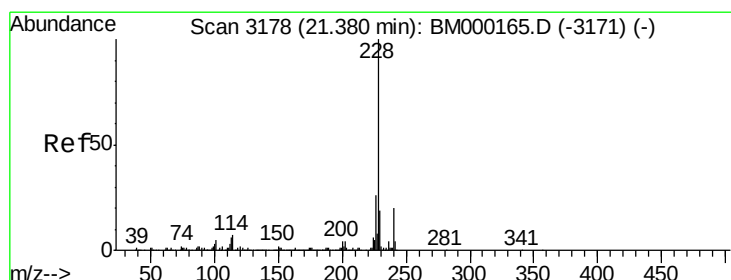
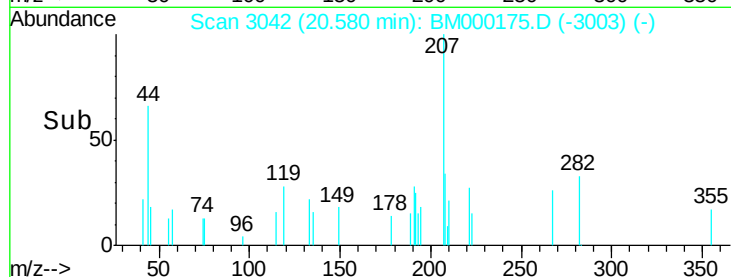
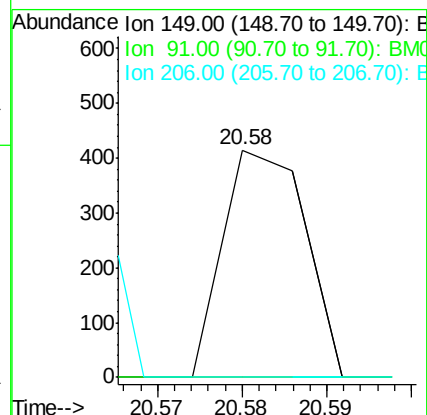
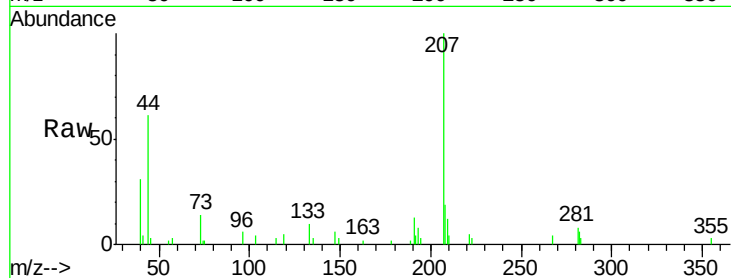




#78
Butylbenzylphthalate
Concen: 0.02 ng/ul
RT: 20.58 min Scan# 3042
Delta R.T. 0.03 min
Lab File: BM000175.D
Acq: 13 Jan 2015 18:50

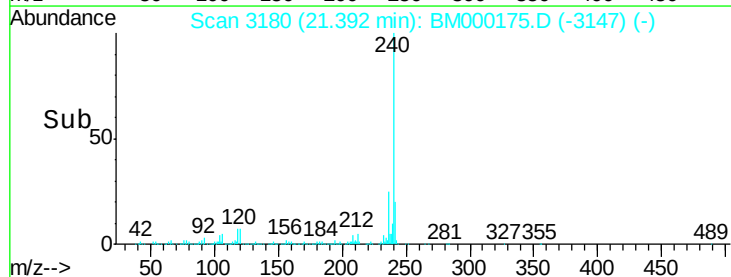
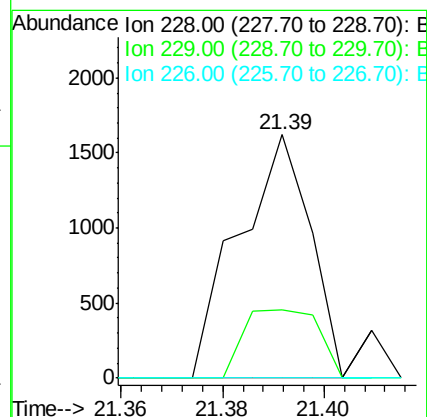
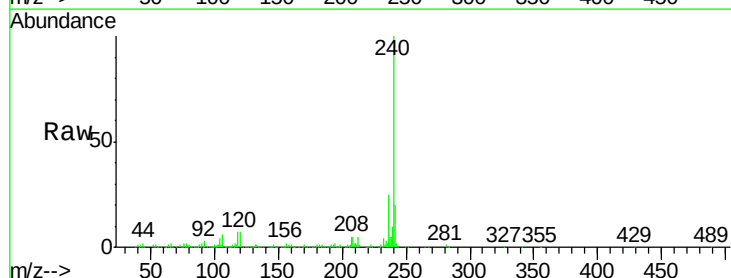
Instrument :
BNA_M
ClientSampleId :
SBLK94

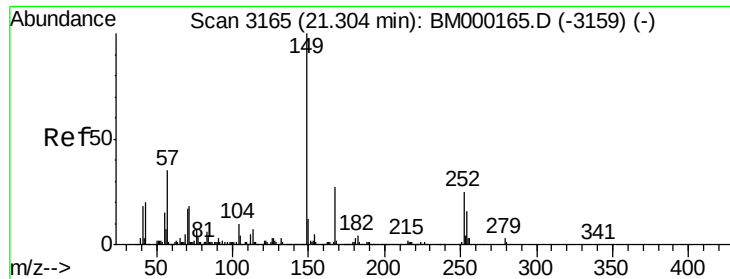
Tgt Ion	Ratio	Lower	Upper
149	100		
91	0.0	56.6	84.8#
206	0.0	16.8	25.2#



#80
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.39 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BM000175.D
Acq: 13 Jan 2015 18:50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	28.1	15.8	23.8#
226	0.0	20.7	31.1#

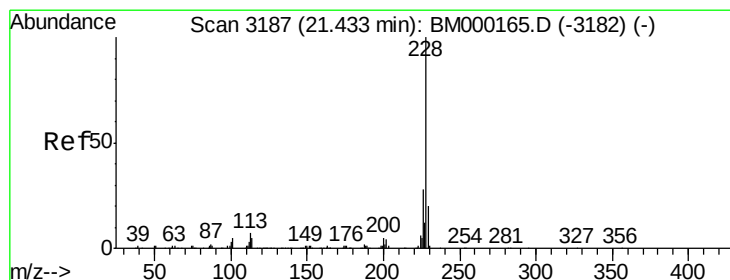
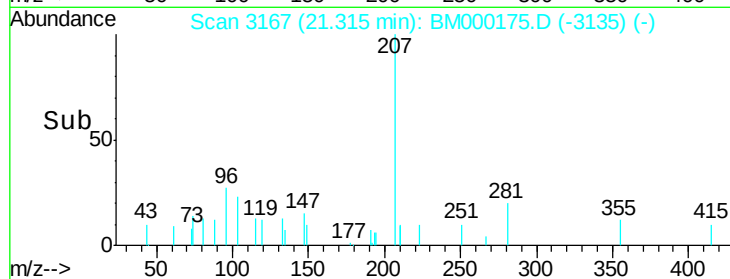
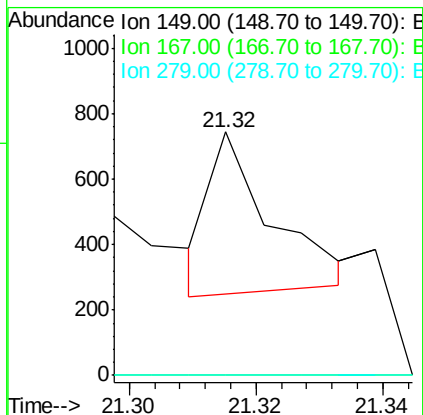
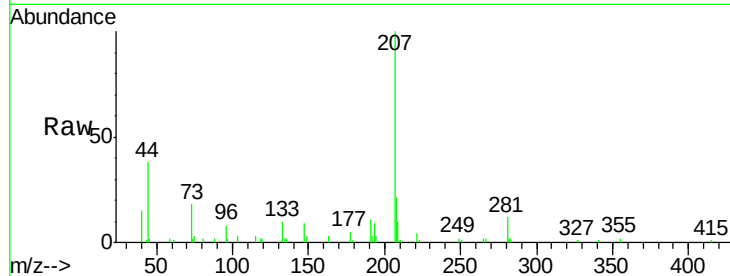




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.01 ng/ul
 RT: 21.32 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BM000175.D
 Acq: 13 Jan 2015 18:50

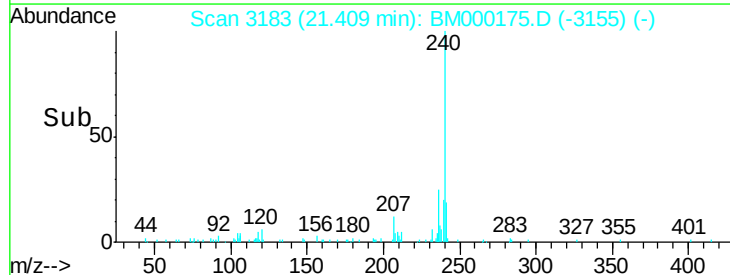
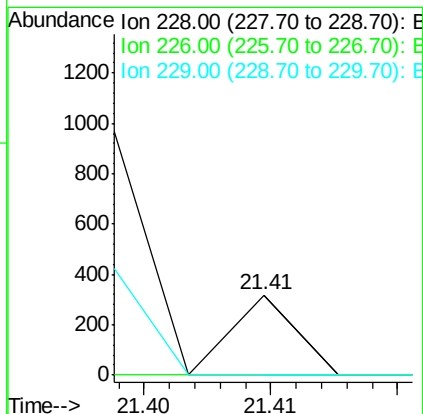
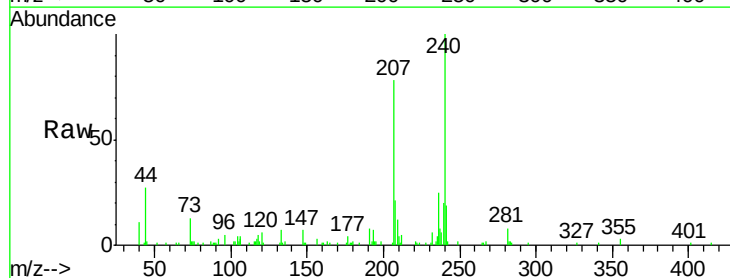
Instrument :
 BNA_M
 ClientSampled :
 SBLK94

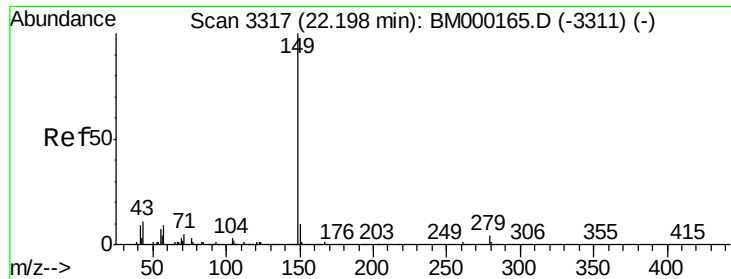
Tgt Ion:149 Resp: 337
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.1 33.1#
 279 0.0 3.0 4.6#



#82
 Chrysene
 Concen: 0.00 ng/ul
 RT: 21.41 min Scan# 3183
 Delta R.T. -0.03 min
 Lab File: BM000175.D
 Acq: 13 Jan 2015 18:50

Tgt Ion:228 Resp: 112
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.0 34.4#
 229 0.0 15.6 23.4#



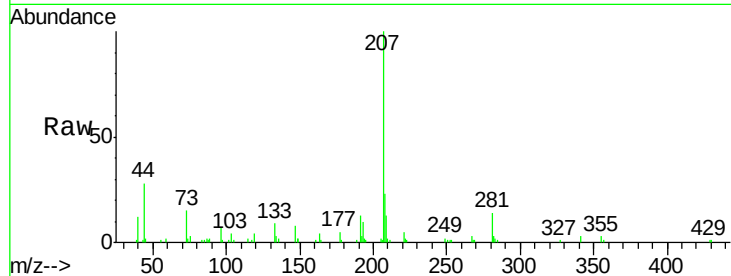


#84

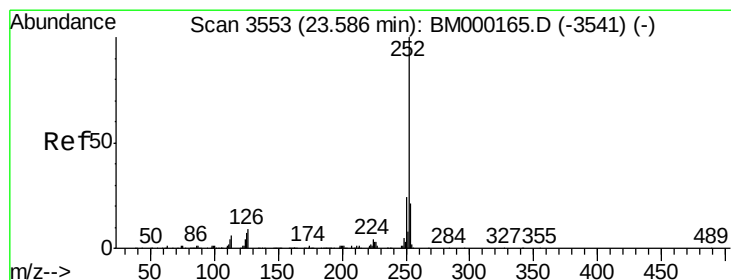
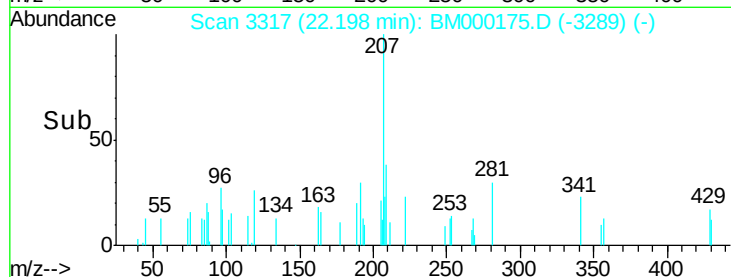
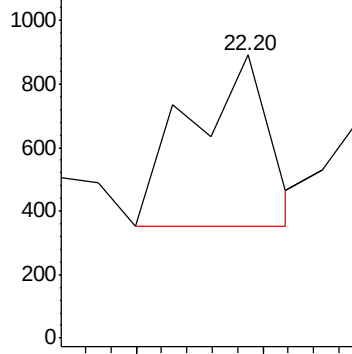
Di-n-octyl phthalate
Concen: 0.01 ng/ul
RT: 22.20 min Scan# 3317
Delta R.T. -0.03 min
Lab File: BM000175.D
Acq: 13 Jan 2015 18:50

Instrument :
BNA_M
ClientSampleId :
SBLK94

Tgt Ion:149 Resp: 467



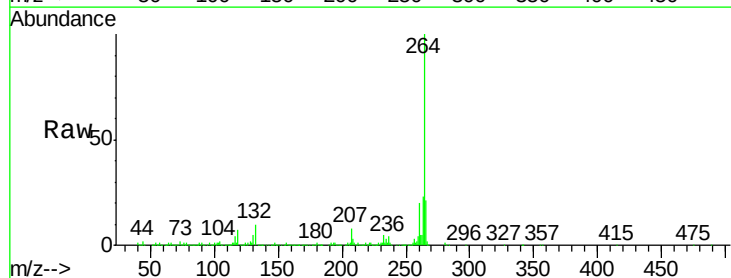
Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(a)pyrene
Concen: 0.12 ng/ul
RT: 23.54 min Scan# 3545
Delta R.T. -0.08 min
Lab File: BM000175.D
Acq: 13 Jan 2015 18:50

Tgt Ion:252 Resp: 4348
Ion Ratio Lower Upper
252 100
253 48.5 17.0 25.6#
125 29.3 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E

