

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
 Data File : BM000066.D
 Acq On : 29 Dec 2014 19:44
 Operator : TP
 Sample : BLK-S-MDL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK23

Quant Time: Dec 31 05:58:00 2014
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 31 02:57:11 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	257436	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1112617	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	783120	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1535186	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1380564	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1143798	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	29042	6.54	ng/uL	-0.01
5) Phenol-d5	7.01	99	839378	37.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	484702	35.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	606676	38.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	649672	36.88	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	282663	36.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	307696	39.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	618545	35.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	793149	40.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2030244	35.15	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2392539	34.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	289560	31.03	ng/ul	0.00
57) Fluorene-d10	15.48	176	1684312	33.96	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.58	200	189270	24.86	ng/ul	0.00
70) Anthracene-d10	17.32	188	2461845	34.68	ng/ul	0.00
76) Pyrene-d10	19.61	212	2503947	39.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1884197	36.50	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	546	0.09	ng/uL#	39
4) Benzaldehyde	7.01	77	2230	0.16	ng/ul#	5
8) Bis(2-Chloroethyl)ether	7.27	93	3195	0.18	ng/ul#	87
20) Nitrobenzene	9.00	77	3671	0.16	ng/ul#	44
28) Naphthalene	10.77	128	721	0.01	ng/ul#	1
30) 4-Chloroaniline	10.79	127	1871	0.09	ng/ul#	1
44) Dimethylphthalate	13.90	163	1326	0.02	ng/ul#	1
58) Fluorene	15.47	166	4096	0.07	ng/ul#	11
60) 4-Nitroaniline	15.58	138	1063	0.09	ng/ul#	1
64) N-Nitrosodiphenylamine	15.58	169	1865	0.04	ng/ul#	30
69) Phenanthrene	17.23	178	629	0.01	ng/ul#	1
71) Anthracene	17.32	178	741	0.01	ng/ul#	1
73) Di-n-butylphthalate	18.19	149	5371	0.06	ng/ul#	93
77) Pyrene	19.61	202	3304	0.04	ng/ul#	1
78) Butylbenzylphthalate	20.54	149	300	0.01	ng/ul#	24
79) 3,3'-Dichlorobenzidine	21.33	252	730	0.03	ng/ul#	83
80) Benzo(a)anthracene	21.41	228	3358	0.04	ng/ul#	63
81) Bis(2-ethylhexyl)phthalate	21.32	149	1264	0.03	ng/ul#	52
82) Chrysene	21.41	228	3358	0.05	ng/ul#	60
84) Di-n-octyl phthalate	22.22	149	599	0.01	ng/ul	100
88) Benzo(a)pyrene	23.56	252	7118	0.11	ng/ul#	57

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000066.D
Acq On : 29 Dec 2014 19:44
Operator : TP
Sample : BLK-S-MDL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK23

Quant Time: Dec 31 05:58:00 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 02:57:11 2014
Response via : Initial Calibration

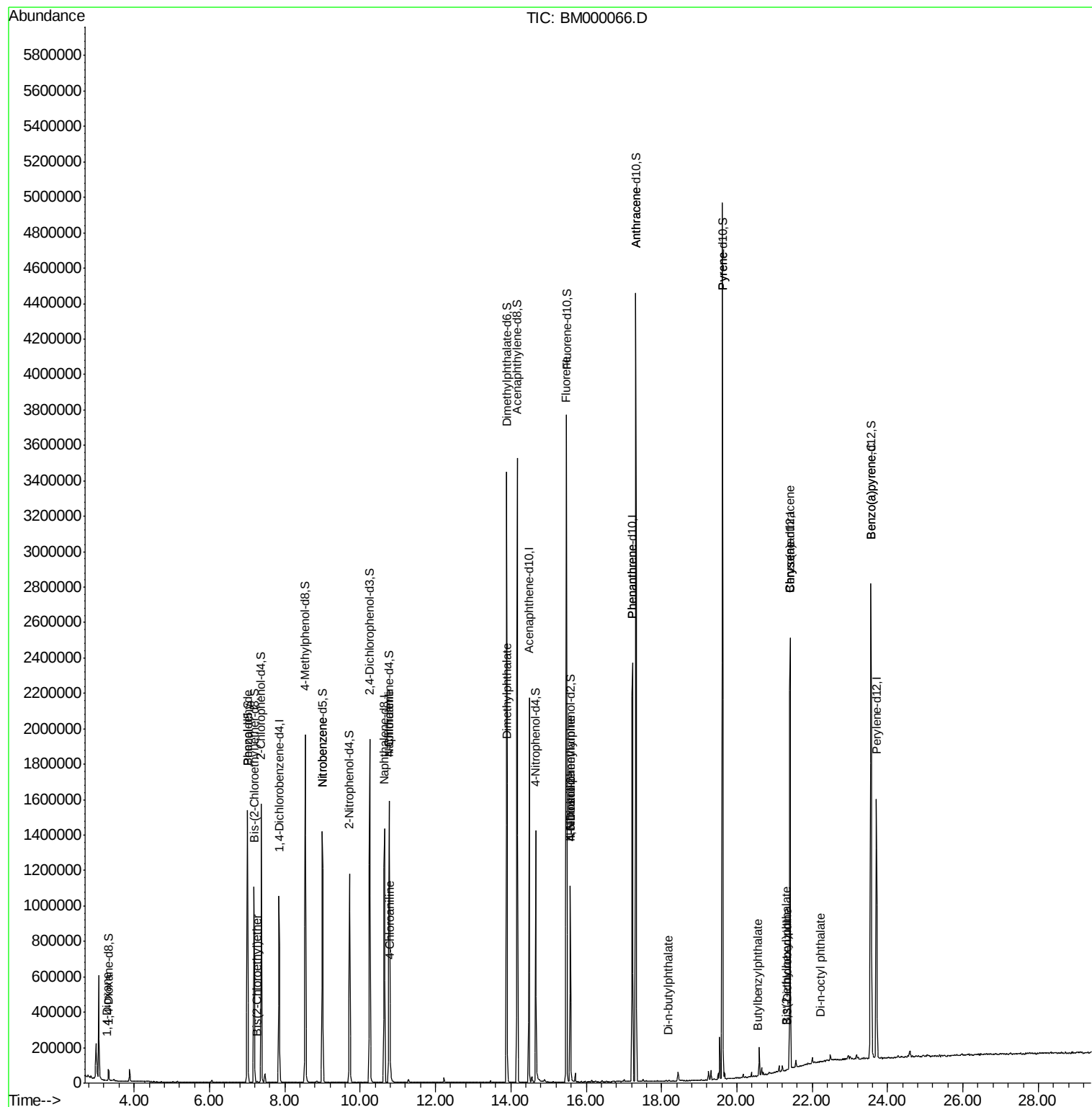
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

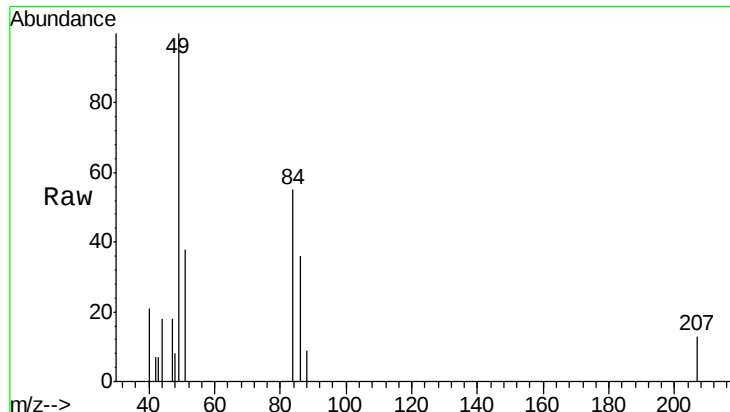
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000066.D
Acq On : 29 Dec 2014 19:44
Operator : TP
Sample : BLK-S-MDL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK23

Quant Time: Dec 31 05:58:00 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 02:57:11 2014
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.09 ng/uL

RT: 3.28 min Scan# 52

Delta R.T. -0.08 min

Lab File: BM000066.D

Acq: 29 Dec 2014 19:44

Instrument :

BNA_M

ClientSampleId :

SBLK23

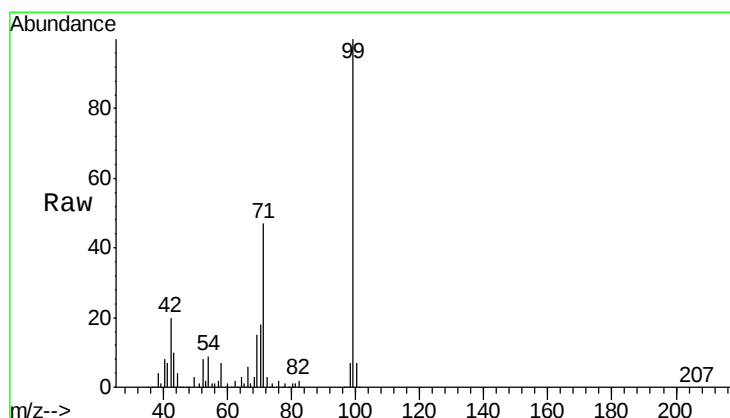
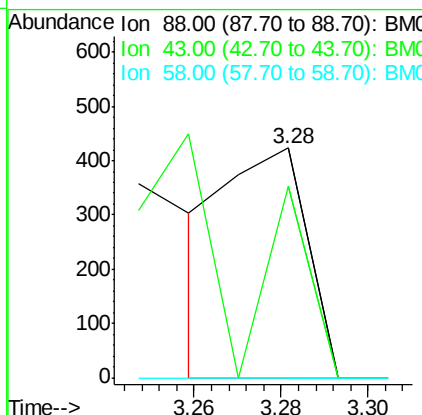
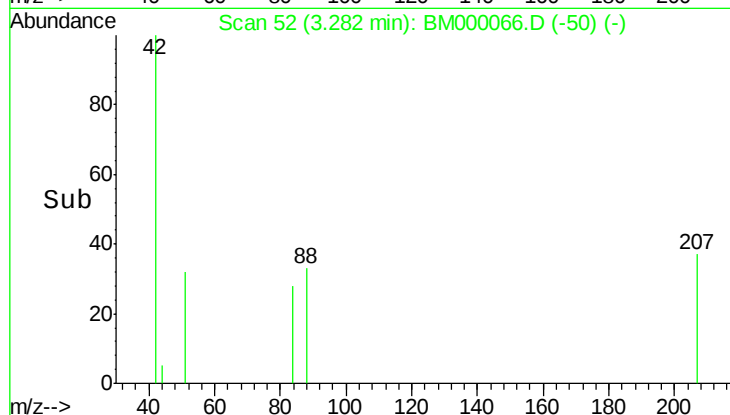
Tgt Ion: 88 Resp: 546

Ion Ratio Lower Upper

88 100

43 44.1 34.9 52.3

58 0.0 67.3 100.9#



#4

Benzaldehyde

Concen: 0.16 ng/uL

RT: 7.01 min Scan# 378

Delta R.T. 0.02 min

Lab File: BM000066.D

Acq: 29 Dec 2014 19:44

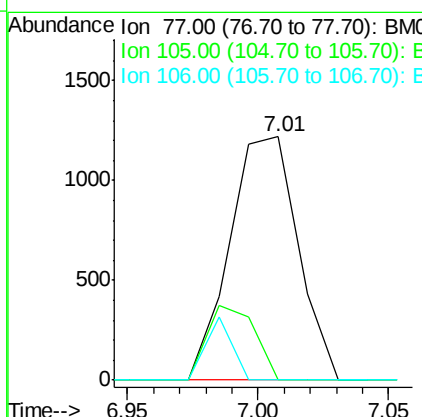
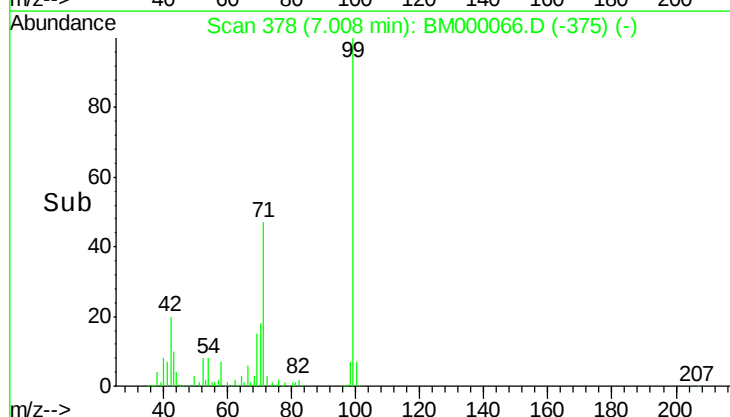
Tgt Ion: 77 Resp: 2230

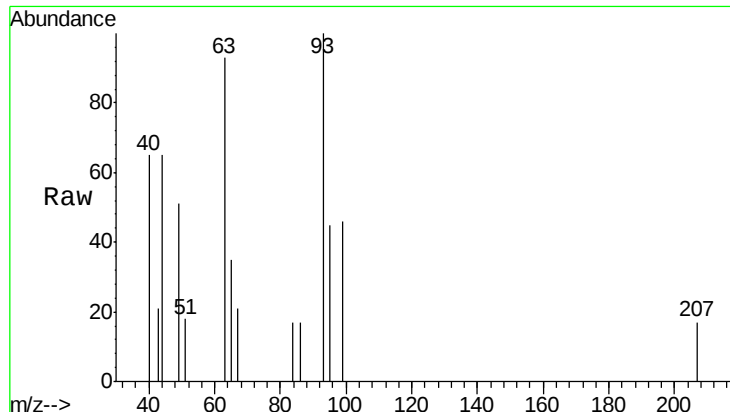
Ion Ratio Lower Upper

77 100

105 0.0 73.5 110.3#

106 0.0 67.9 101.9#





#8

Bis(2-Chloroethyl)ether

Concen: 0.18 ng/ul

RT: 7.27 min Scan# 401

Delta R.T. 0.00 min

Lab File: BM000066.D

Acq: 29 Dec 2014 19:44

Instrument :

BNA_M

ClientSampleId :

SBLK23

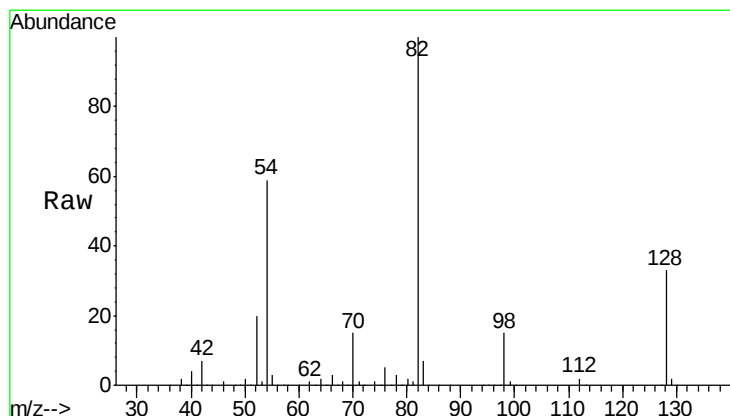
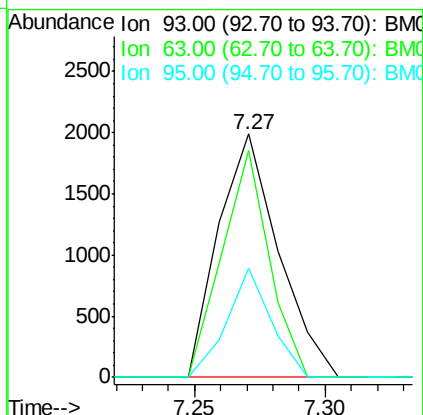
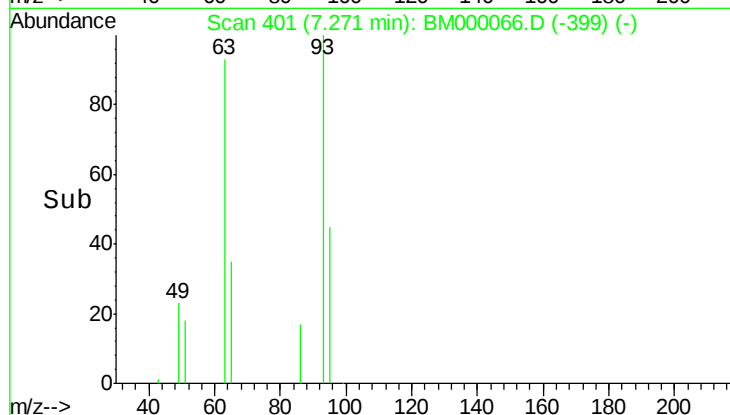
Tgt Ion: 93 Resp: 3195

Ion Ratio Lower Upper

93 100

63 93.4 68.9 103.3

95 44.8 24.6 37.0#



#20

Nitrobenzene

Concen: 0.16 ng/ul

RT: 9.00 min Scan# 552

Delta R.T. -0.05 min

Lab File: BM000066.D

Acq: 29 Dec 2014 19:44

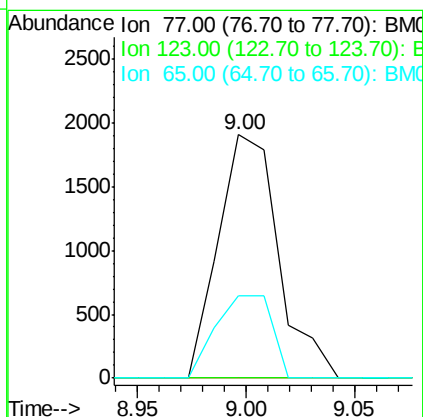
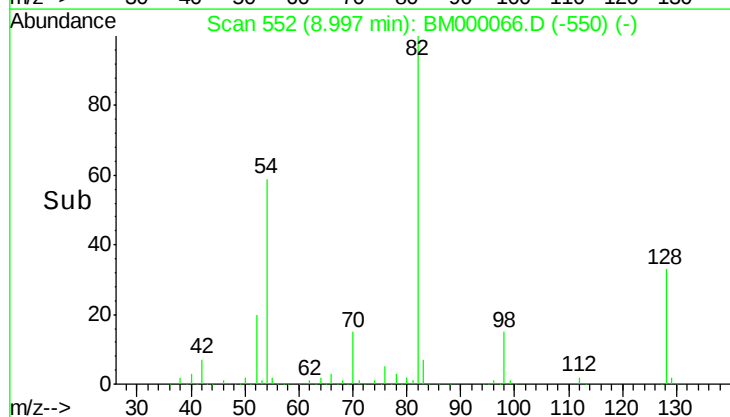
Tgt Ion: 77 Resp: 3671

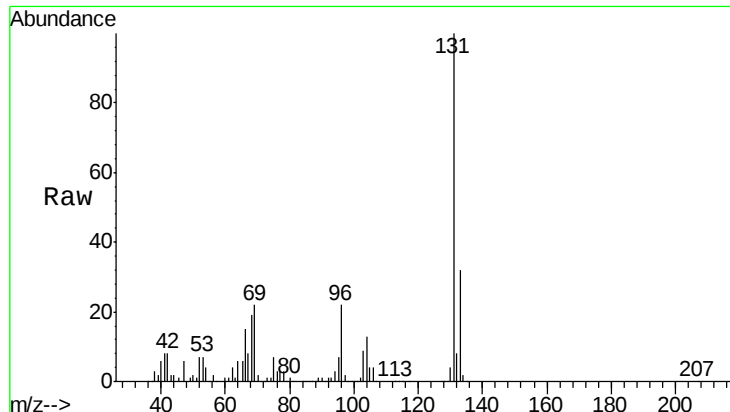
Ion Ratio Lower Upper

77 100

123 0.0 29.2 43.8#

65 33.8 12.4 18.6#

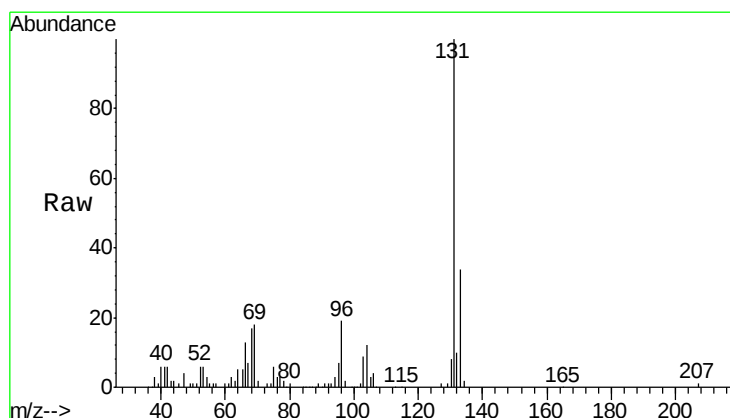
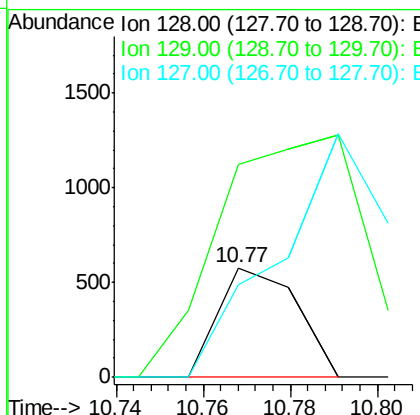
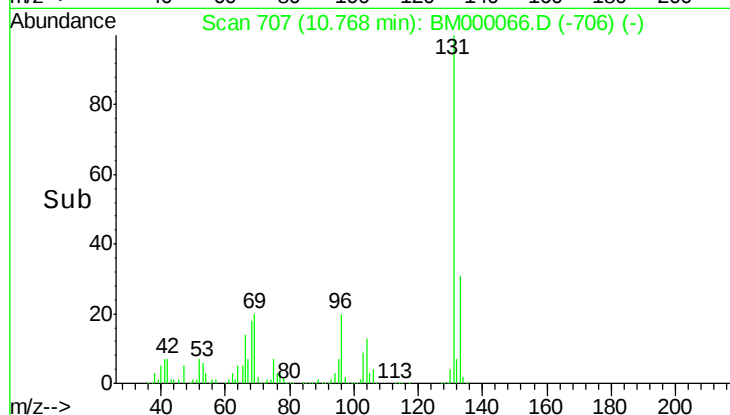




#28
Naphthalene
Concen: 0.01 ng/ul
RT: 10.77 min Scan# 707
Delta R.T. 0.08 min
Lab File: BM000066.D
Acq: 29 Dec 2014 19:44

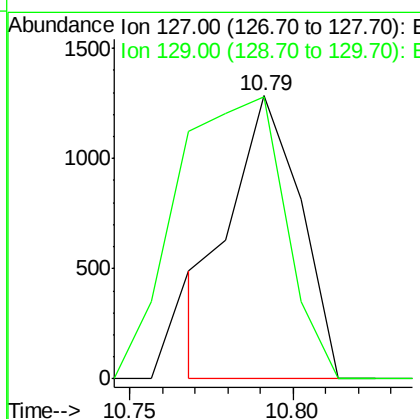
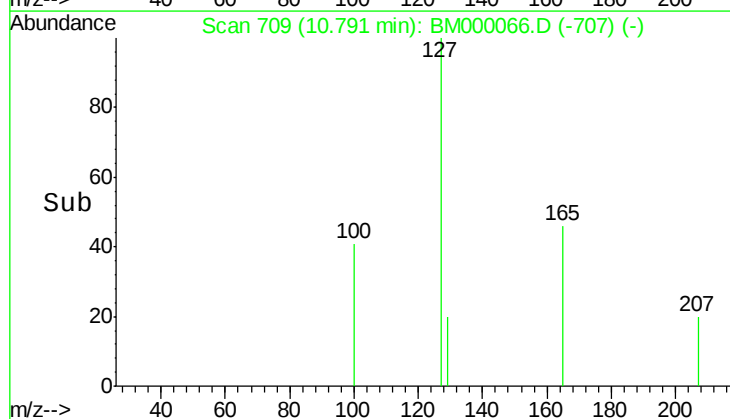
Instrument :
BNA_M
ClientSampleId :
SBLK23

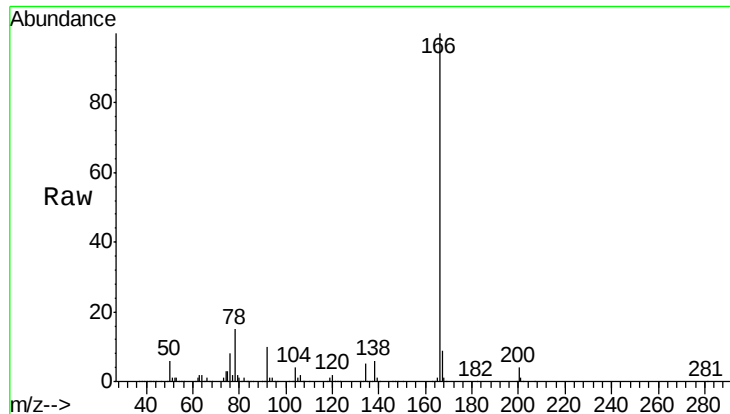
Tgt Ion:128 Resp: 721
Ion Ratio Lower Upper
128 100
129 194.3 8.6 13.0#
127 85.1 10.3 15.5#



#30
4-Chloroaniline
Concen: 0.09 ng/ul
RT: 10.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BM000066.D
Acq: 29 Dec 2014 19:44

Tgt Ion:127 Resp: 1871
Ion Ratio Lower Upper
127 100
129 99.8 26.5 39.7#

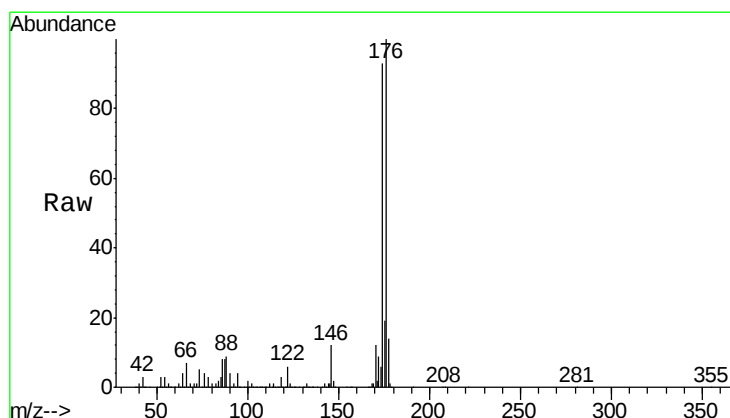
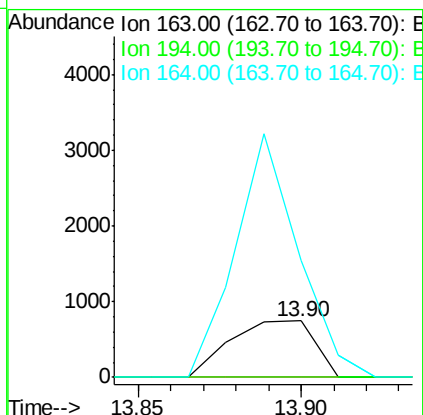
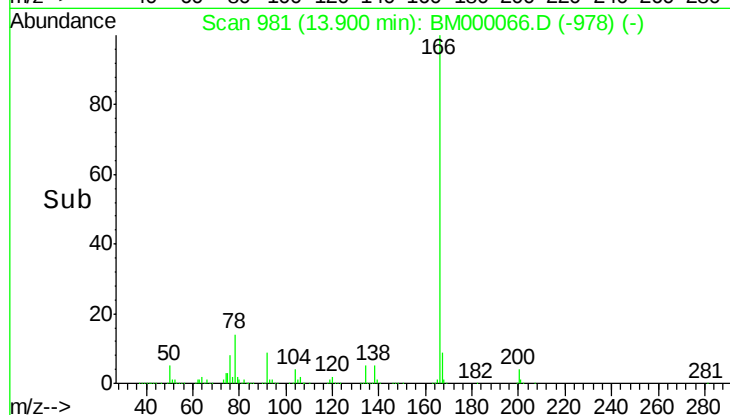




#44
Dimethylphthalate
Concen: 0.02 ng/ul
RT: 13.90 min Scan# 981
Delta R.T. -0.03 min
Lab File: BM000066.D
Acq: 29 Dec 2014 19:44

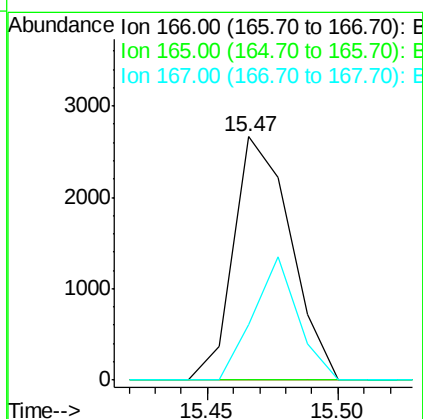
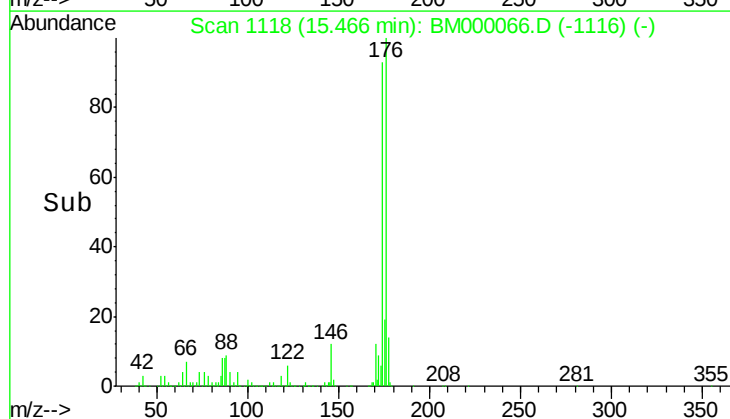
Instrument :
BNA_M
ClientSampleId :
SBLK23

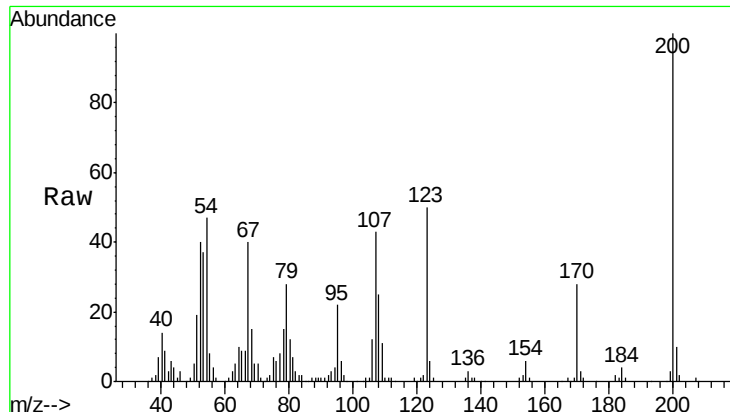
Tgt Ion:163 Resp: 1326
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 207.9 8.5 12.7#



#58
Fluorene
Concen: 0.07 ng/ul
RT: 15.47 min Scan# 1118
Delta R.T. -0.06 min
Lab File: BM000066.D
Acq: 29 Dec 2014 19:44

Tgt Ion:166 Resp: 4096
Ion Ratio Lower Upper
166 100
165 0.0 76.0 114.0#
167 23.0 10.2 15.4#

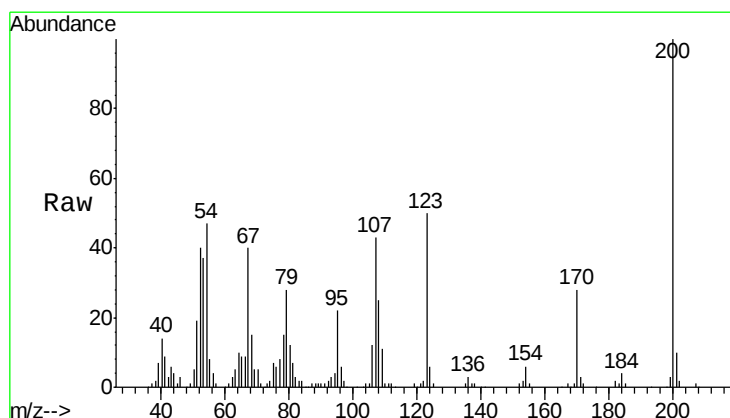
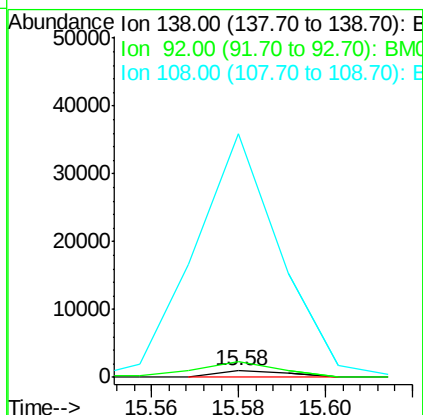
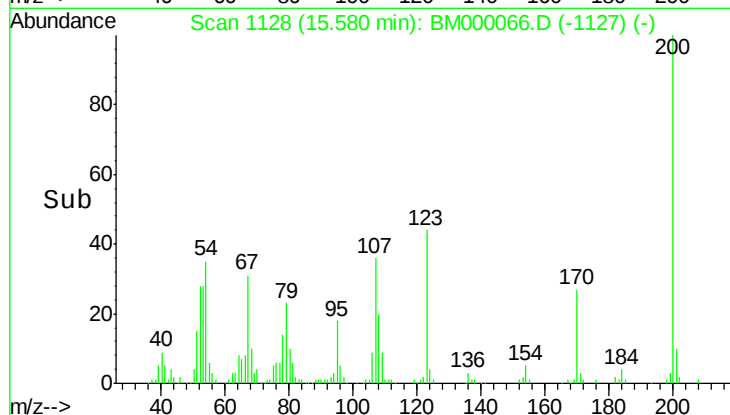




#60
4-Nitroaniline
Concen: 0.09 ng/ul
RT: 15.58 min Scan# 1128
Delta R.T. 0.03 min
Lab File: BM000066.D
Acq: 29 Dec 2014 19:44

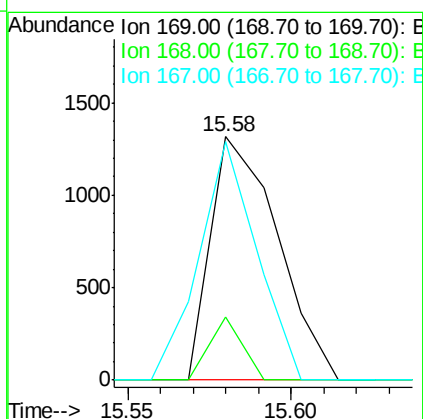
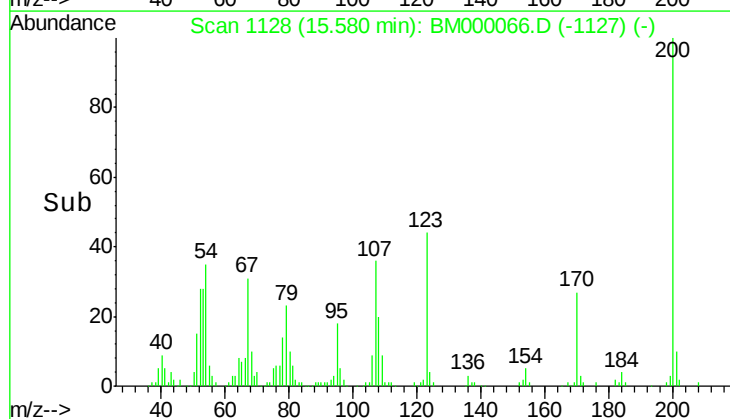
Instrument :
BNA_M
ClientSampled :
SBLK23

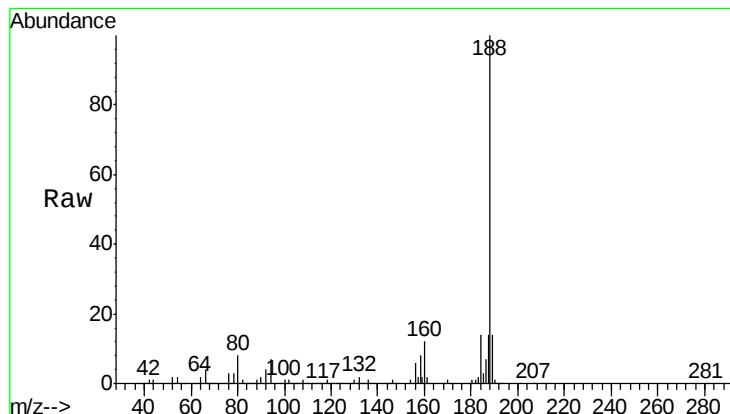
Tgt Ion:138 Resp: 1063
Ion Ratio Lower Upper
138 100
92 249.0 49.3 73.9#
108 3928.2 110.3 165.5#



#64
N-Nitrosodiphenylamine
Concen: 0.04 ng/ul
RT: 15.58 min Scan# 1128
Delta R.T. -0.16 min
Lab File: BM000066.D
Acq: 29 Dec 2014 19:44

Tgt Ion:169 Resp: 1865
Ion Ratio Lower Upper
169 100
168 26.0 51.8 77.6#
167 98.0 28.1 42.1#





#69

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.23 min Scan# 1272

Delta R.T. -0.03 min

Lab File: BM000066.D

Acq: 29 Dec 2014 19:44

Instrument :

BNA_M

ClientSampleId :

SBLK23

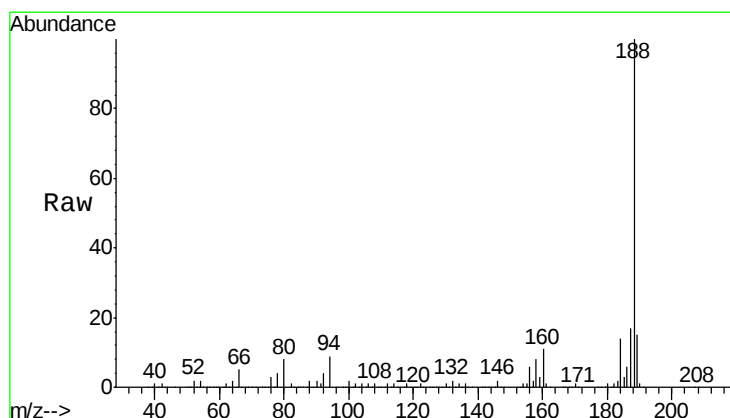
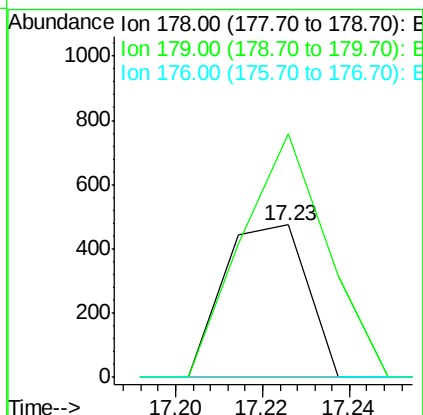
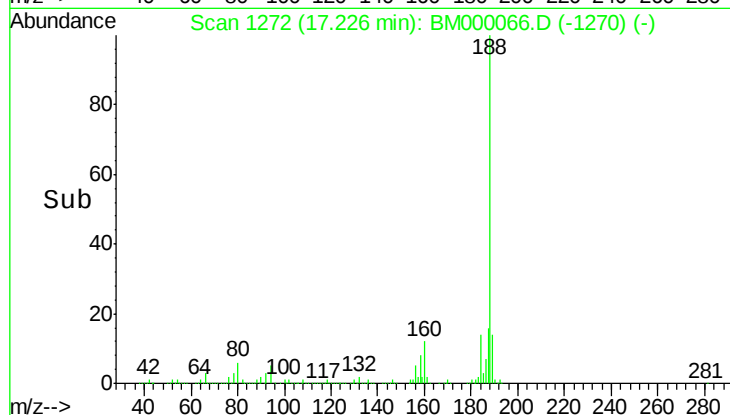
Tgt Ion:178 Resp: 629

Ion Ratio Lower Upper

178 100

179 159.6 11.6 17.4#

176 0.0 14.6 22.0#



#71

Anthracene

Concen: 0.01 ng/ul

RT: 17.32 min Scan# 1280

Delta R.T. -0.03 min

Lab File: BM000066.D

Acq: 29 Dec 2014 19:44

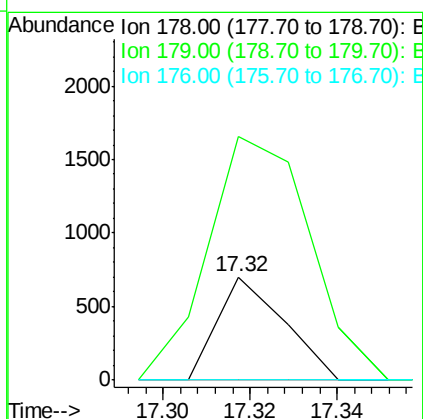
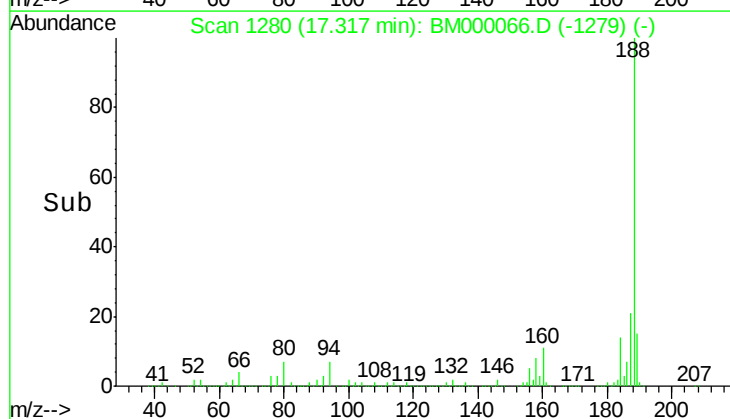
Tgt Ion:178 Resp: 741

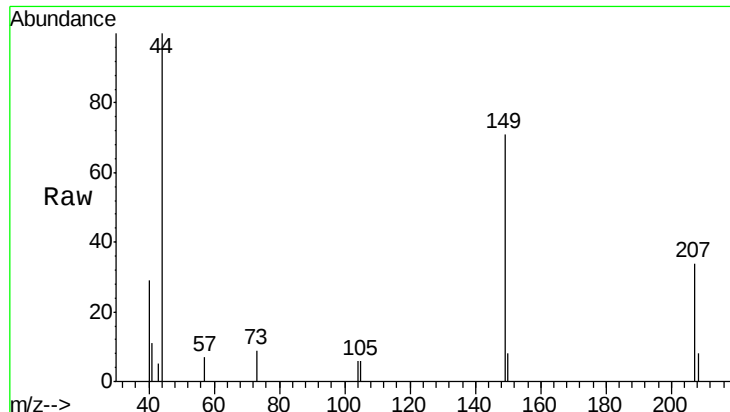
Ion Ratio Lower Upper

178 100

179 236.2 12.6 18.8#

176 0.0 14.6 21.8#

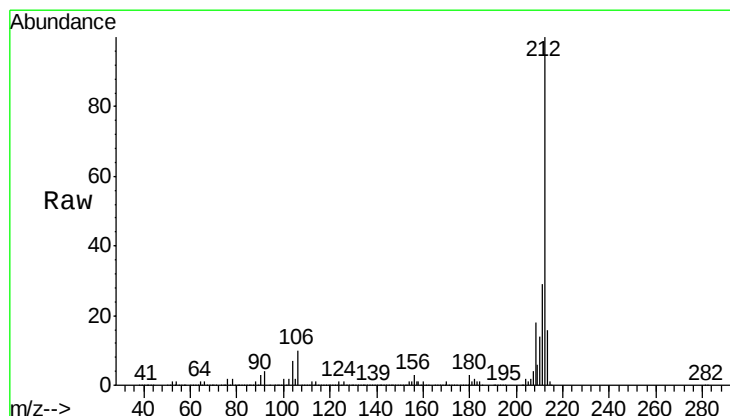
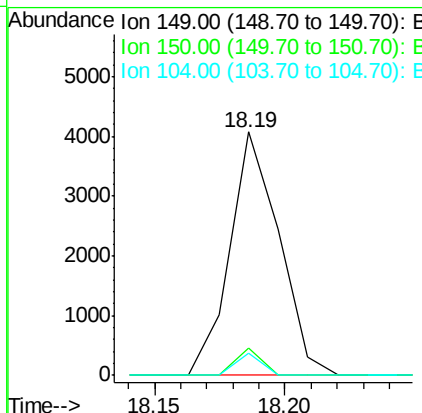
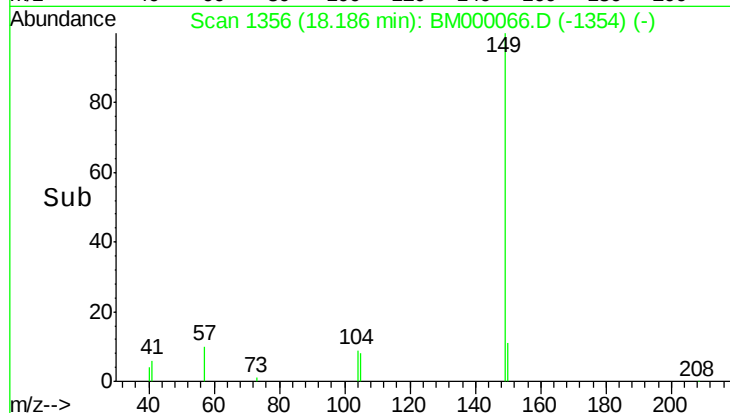




#73
 Di-n-butylphthalate
 Concen: 0.06 ng/ul
 RT: 18.19 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BM000066.D
 Acq: 29 Dec 2014 19:44

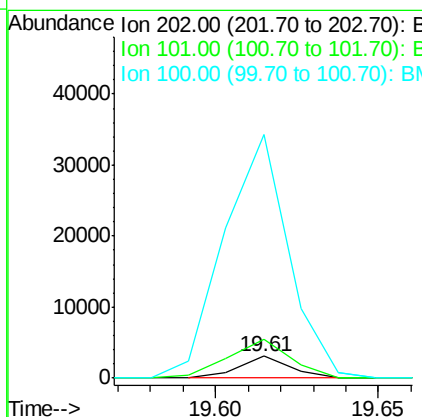
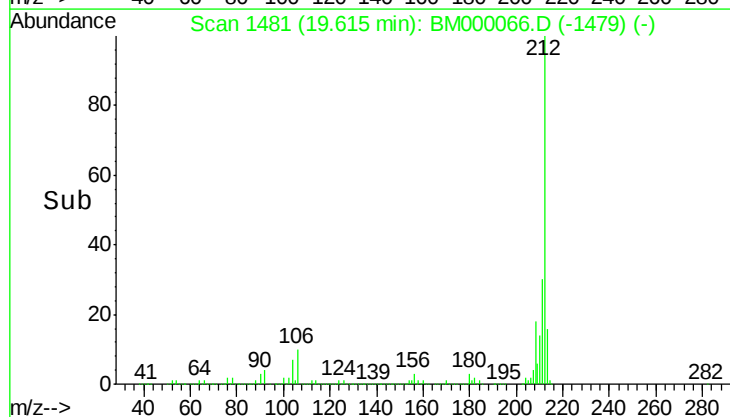
Instrument :
 BNA_M
 ClientSampleId :
 SBLK23

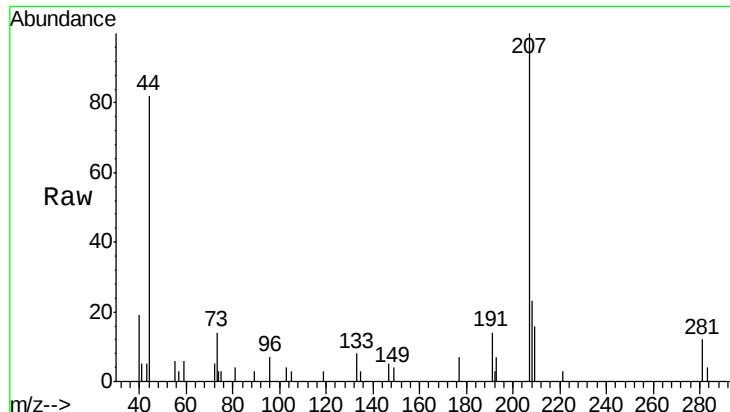
Tgt Ion:149 Resp: 5371
 Ion Ratio Lower Upper
 149 100
 150 11.0 7.1 10.7#
 104 8.9 4.8 7.2#



#77
 Pyrene
 Concen: 0.04 ng/ul
 RT: 19.61 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BM000066.D
 Acq: 29 Dec 2014 19:44

Tgt Ion:202 Resp: 3304
 Ion Ratio Lower Upper
 202 100
 101 174.7 6.9 10.3#
 100 1111.0 5.5 8.3#

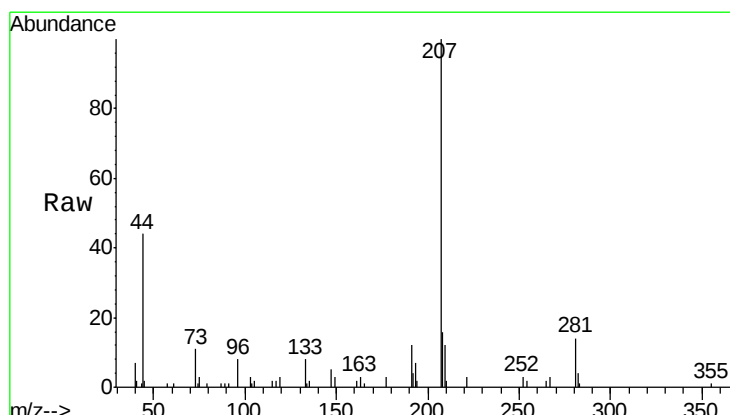
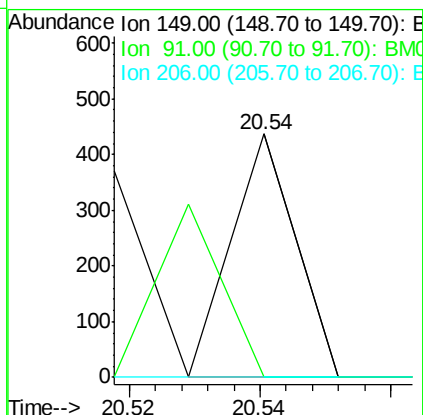
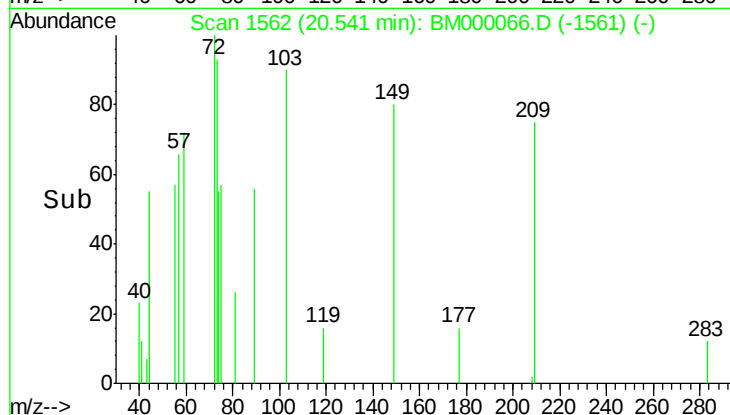




#78
Butylbenzylphthalate
Concen: 0.01 ng/ul
RT: 20.54 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BM000066.D
Acq: 29 Dec 2014 19:44

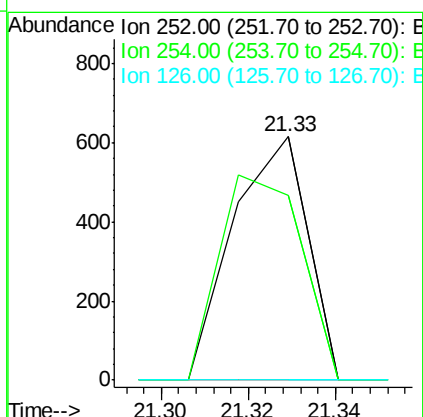
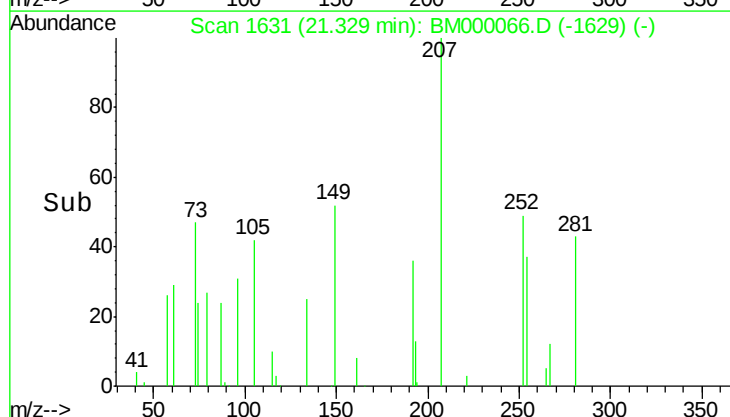
Instrument :
BNA_M
ClientSampleId :
SBLK23

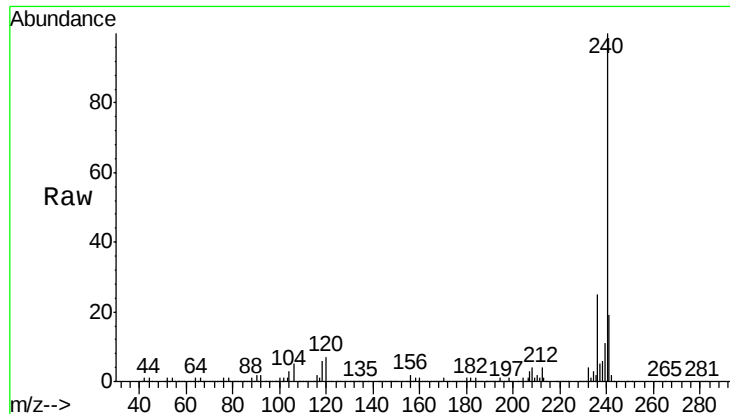
Tgt Ion:149 Resp: 300
Ion Ratio Lower Upper
149 100
91 0.0 56.6 84.8#
206 0.0 16.8 25.2#



#79
3,3'-Dichlorobenzidine
Concen: 0.03 ng/ul
RT: 21.33 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BM000066.D
Acq: 29 Dec 2014 19:44

Tgt Ion:252 Resp: 730
Ion Ratio Lower Upper
252 100
254 75.9 51.2 76.8
126 0.0 7.9 11.9#





#80

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.41 min Scan# 1638

Delta R.T. 0.02 min

Lab File: BM000066.D

Acq: 29 Dec 2014 19:44

Instrument :

BNA_M

ClientSampleId :

SBLK23

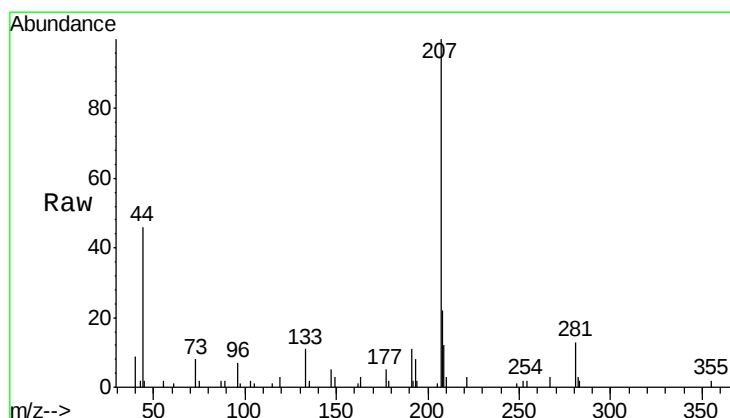
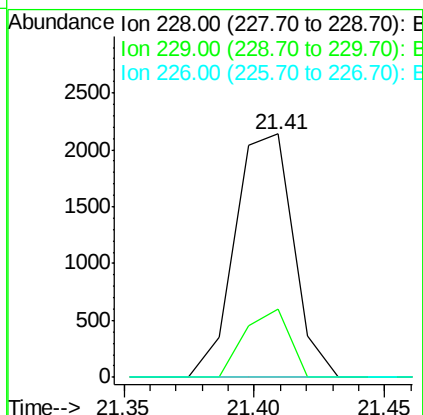
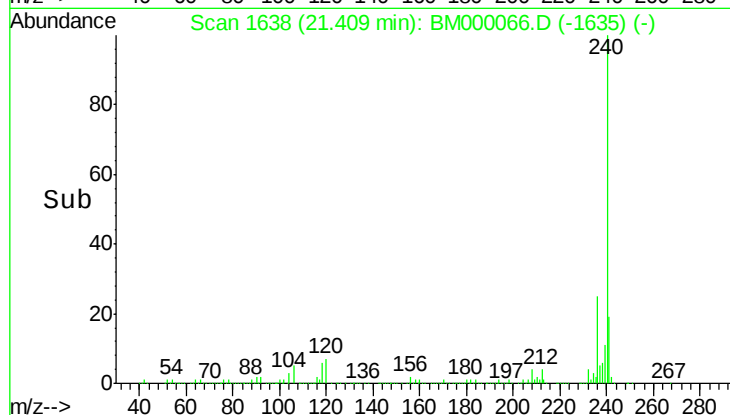
Tgt Ion:228 Resp: 3358

Ion Ratio Lower Upper

228 100

229 28.0 15.8 23.8#

226 0.0 20.7 31.1#



#81

Bis(2-ethylhexyl)phthalate

Concen: 0.03 ng/ul

RT: 21.32 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BM000066.D

Acq: 29 Dec 2014 19:44

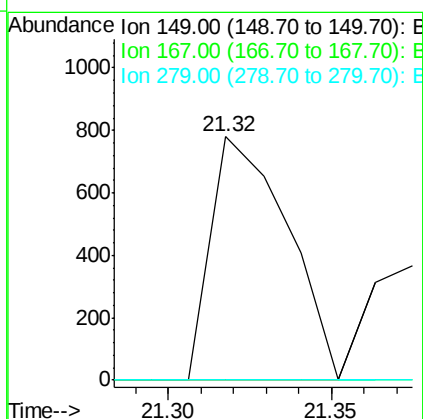
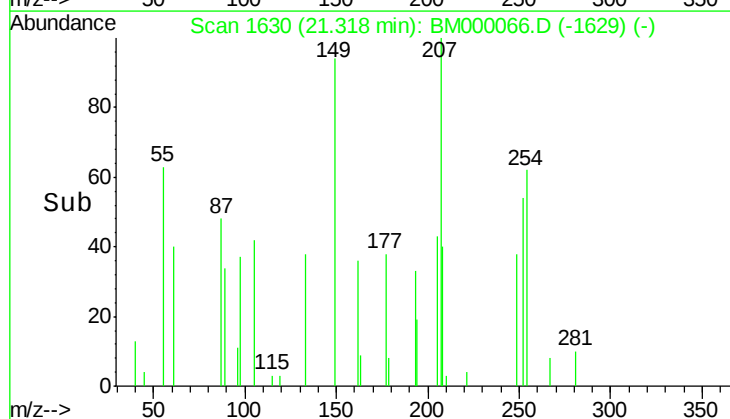
Tgt Ion:149 Resp: 1264

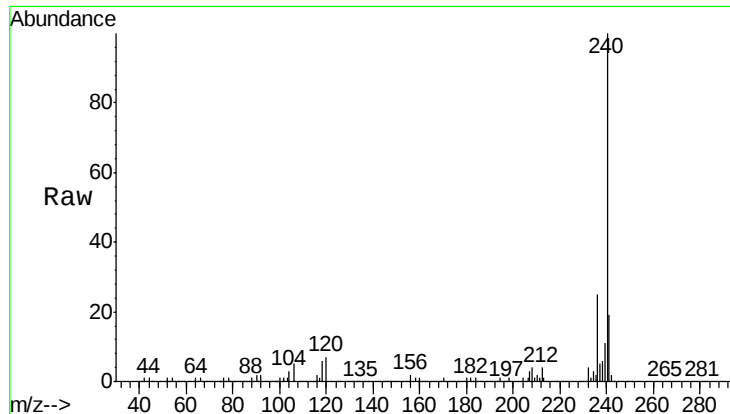
Ion Ratio Lower Upper

149 100

167 0.0 22.1 33.1#

279 0.0 3.0 4.6#

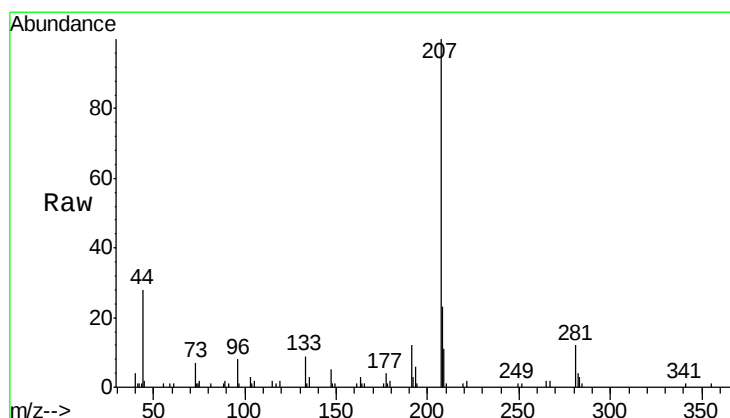
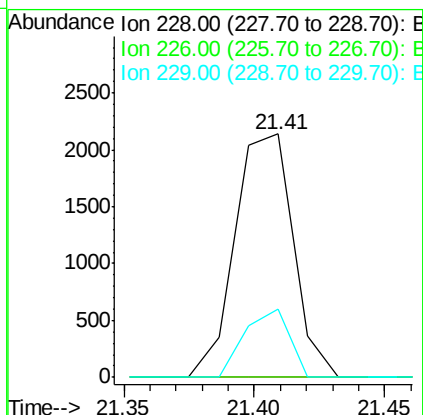
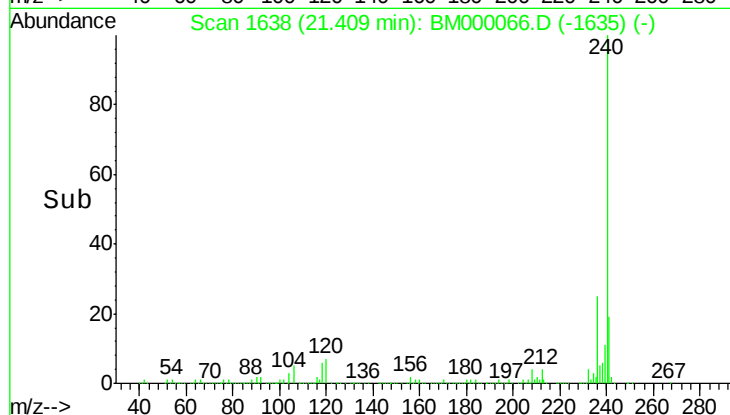




#82
 Chrysene
 Concen: 0.05 ng/ul
 RT: 21.41 min Scan# 1638
 Delta R.T. -0.03 min
 Lab File: BM000066.D
 Acq: 29 Dec 2014 19:44

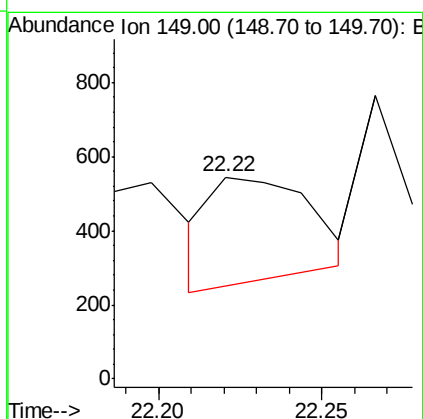
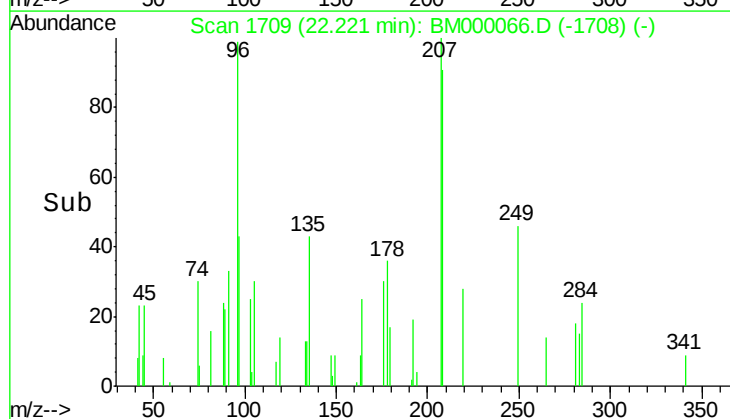
Instrument :
 BNA_M
 ClientSampleId :
 SBLK23

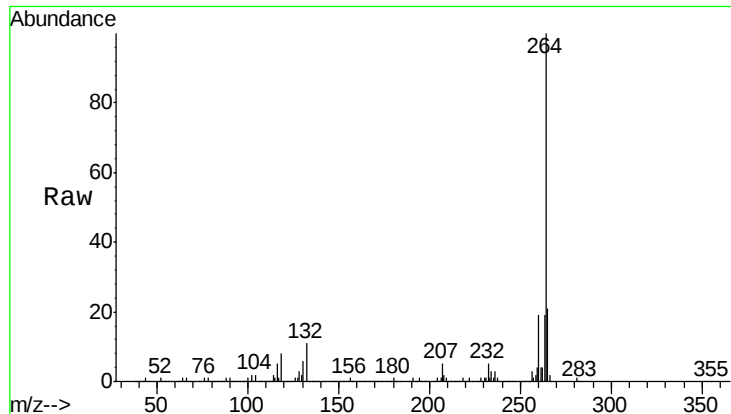
Tgt Ion:228 Resp: 3358
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.0 34.4#
 229 28.0 15.6 23.4#



#84
 Di-n-octyl phthalate
 Concen: 0.01 ng/ul
 RT: 22.22 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BM000066.D
 Acq: 29 Dec 2014 19:44

Tgt Ion:149 Resp: 599





#88

Benzo(a)pyrene

Concen: 0.11 ng/ul

RT: 23.56 min Scan# 1826

Delta R.T. -0.05 min

Lab File: BM000066.D

Acq: 29 Dec 2014 19:44

Instrument :

BNA_M

ClientSampleId :

SBLK23

Tgt Ion:252 Resp: 7118

Ion Ratio Lower Upper

252 100

253 36.4 17.0 25.6#

125 33.7 5.8 8.6#

