

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
 Data File : BM000568.D
 Acq On : 20 Feb 2015 20:52
 Operator : TP/IZ
 Sample : MDL-BLK-S
 Misc : MDL-SOIL-BLK
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-S

Quant Time: Feb 21 03:34:48 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 21 03:20:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	100920	20.00	ng/ul	0.00
16) Naphthalene-d8	10.46	136	425271	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.32	164	269313	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.07	188	567979	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	485682	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	392116	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.85	99	222058	30.23	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.01	67	143103	32.96	ng/ul	0.00
7) 2-Chlorophenol-d4	7.20	132	195963	31.35	ng/ul	0.00
11) 4-Methylphenol-d8	8.38	113	192665	30.94	ng/ul	0.00
17) Nitrobenzene-d5	8.83	128	98066	34.36	ng/ul	0.00
20) 2-Nitrophenol-d4	9.55	143	114279	34.59	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.08	165	213055	30.44	ng/ul	0.00
27) 4-Chloroaniline-d4	10.60	131	293194	46.96	ng/ul	0.00
41) Dimethylphthalate-d6	13.74	166	694657	35.64	ng/ul	0.00
44) Acenaphthylene-d8	14.02	160	872271	33.40	ng/ul	0.00
49) 4-Nitrophenol-d4	14.53	143	94278	30.25	ng/ul	0.00
55) Fluorene-d10	15.32	176	636821	33.43	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.44	200	84106	25.48	ng/ul	0.00
68) Anthracene-d10	17.17	188	923404	34.37	ng/ul	0.00
76) Pyrene-d10	19.47	212	924020	32.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	642937	34.97	ng/ul	0.00

Target Compounds

					Qvalue
2) Benzaldehyde	6.85	77	243	0.06 ng/ul#	2
6) Bis(2-Chloroethyl)ether	7.10	93	624	0.11 ng/ul#	78
10) 2,2'-oxybis(1-Chloropropan	8.37	45	1731	0.14 ng/ul#	75
13) N-Nitroso-di-n-propylamine	8.38	70	5186	1.08 ng/ul#	1
18) Nitrobenzene	8.83	77	822	0.11 ng/ul#	40
19) Isophorone	9.55	82	12428	0.98 ng/ul#	69
42) Dimethylphthalate	13.74	163	536	0.03 ng/ul#	1
43) 2,6-Dinitrotoluene	13.74	165	5091	1.34 ng/ul#	38
50) 4-Nitrophenol	14.54	109	441	0.13 ng/ul#	1
56) Fluorene	15.32	166	1392	0.07 ng/ul#	12
58) 4-Nitroaniline	15.32	138	339	0.09 ng/ul#	1
61) 4,6-Dinitro-2-methylphenol	15.44	198	364	0.11 ng/ul#	1
62) N-Nitrosodiphenylamine	15.44	169	361	0.02 ng/ul#	24
77) Pyrene	19.47	202	1208	0.03 ng/ul#	1
78) Butylbenzylphthalate	20.40	149	124	0.01 ng/ul#	25
80) Benzo(a)anthracene	21.26	228	1050	0.04 ng/ul#	53
81) Bis(2-ethylhexyl)phthalate	21.19	149	408	0.03 ng/ul#	50
82) Chrysene	21.26	228	1050	0.04 ng/ul#	51
84) Di-n-octyl phthalate	22.06	149	538	0.02 ng/ul	100
85) Benzo(b)fluoranthene	22.81	252	258	0.01 ng/ul#	1
86) Benzo(k)fluoranthene	22.85	252	231	0.01 ng/ul#	1
88) Benzo(a)pyrene	23.39	252	548	0.02 ng/ul#	1

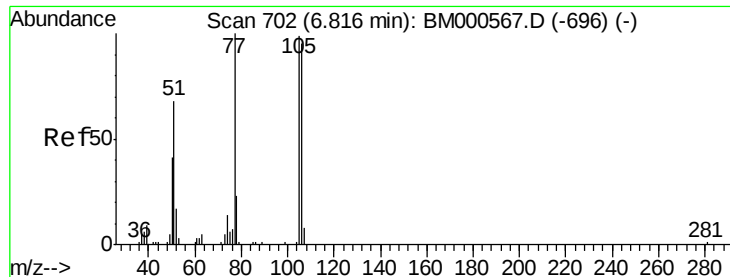
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
Data File : BM000568.D
Acq On : 20 Feb 2015 20:52
Operator : TP/IZ
Sample : MDL-BLK-S
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Quant Time: Feb 21 03:34:48 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 21 03:20:38 2015
Response via : Initial Calibration

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

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



#2

Benzaldehyde

Concen: 0.06 ng/ul

RT: 6.85 min Scan# 707

Delta R.T. 0.03 min

Lab File: BM000568.D

Acq: 20 Feb 2015 20:52

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

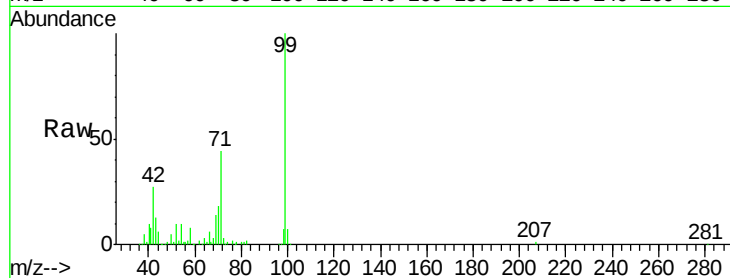
Tgt Ion: 77 Resp: 243

Ion Ratio Lower Upper

77 100

105 0.0 78.6 117.8#

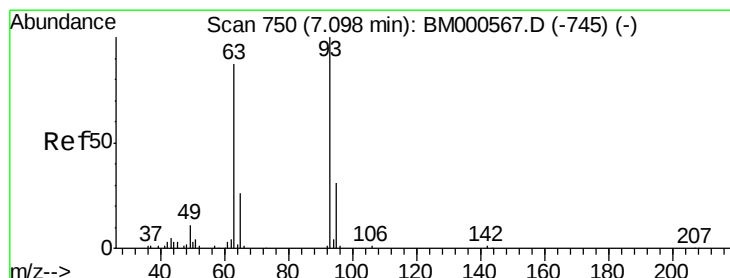
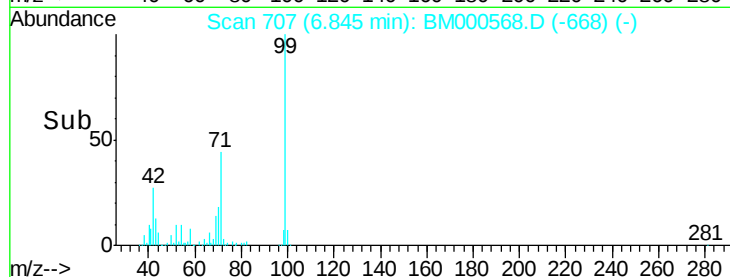
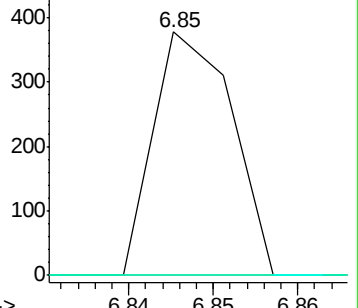
106 0.0 74.2 111.4#



Abundance Ion 77.00 (76.70 to 77.70): BM000568.D (-668) (-)

Ion 105.00 (104.70 to 105.70): BM000568.D (-668) (-)

Ion 106.00 (105.70 to 106.70): BM000568.D (-668) (-)



#6

Bis(2-Chloroethyl)ether

Concen: 0.11 ng/ul

RT: 7.10 min Scan# 751

Delta R.T. 0.01 min

Lab File: BM000568.D

Acq: 20 Feb 2015 20:52

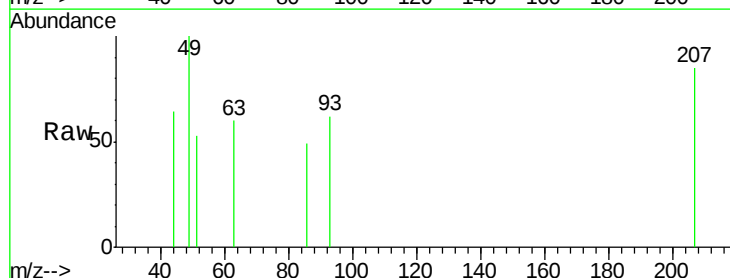
Tgt Ion: 93 Resp: 624

Ion Ratio Lower Upper

93 100

63 96.9 71.2 106.8

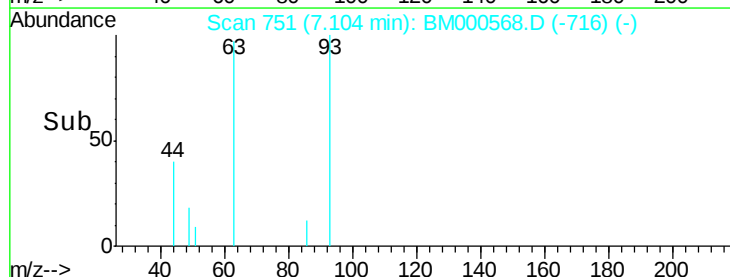
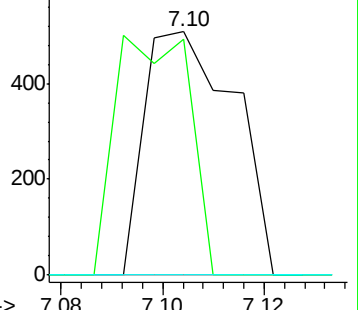
95 0.0 26.1 39.1#

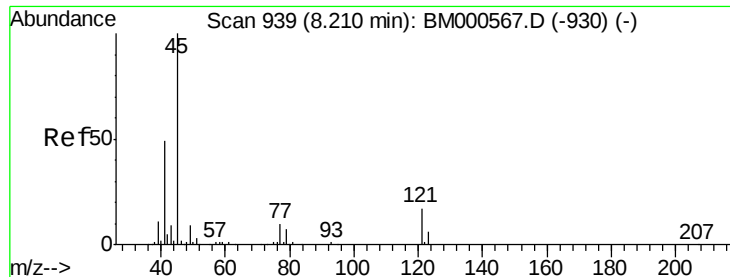


Abundance Ion 93.00 (92.70 to 93.70): BM000568.D (-716) (-)

Ion 63.00 (62.70 to 63.70): BM000568.D (-716) (-)

Ion 95.00 (94.70 to 95.70): BM000568.D (-716) (-)

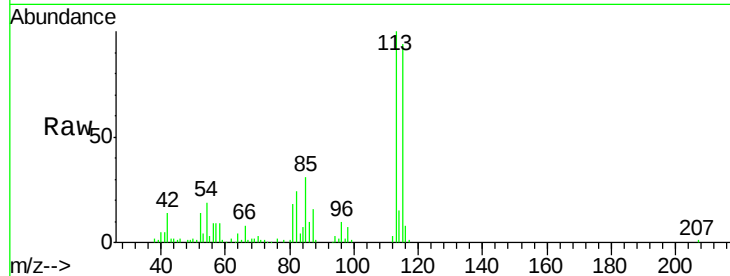




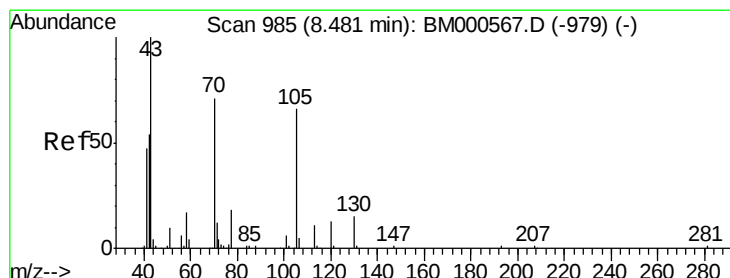
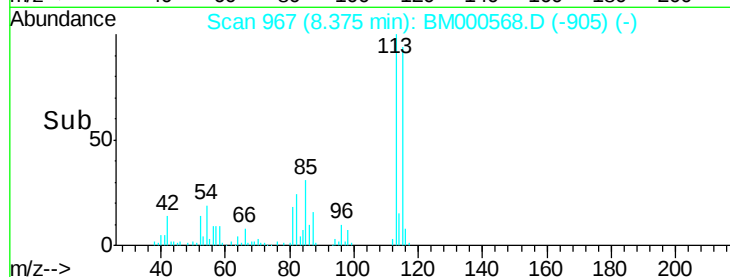
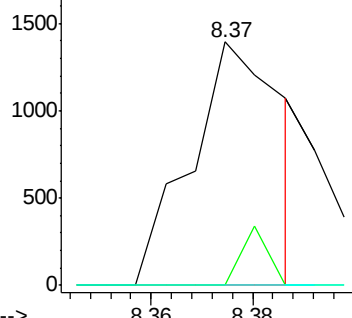
#10
2,2'-oxybis(1-Chloropropane)
Concen: 0.14 ng/ul
RT: 8.37 min Scan# 967
Delta R.T. 0.16 min
Lab File: BM000568.D
Acq: 20 Feb 2015 20:52

Instrument :
BNA_M
ClientSampleId :
MDL-BLK-S

Tgt Ion: 45 Resp: 1731
Ion Ratio Lower Upper
45 100
77 0.0 8.2 12.2#
79 0.0 5.8 8.6#

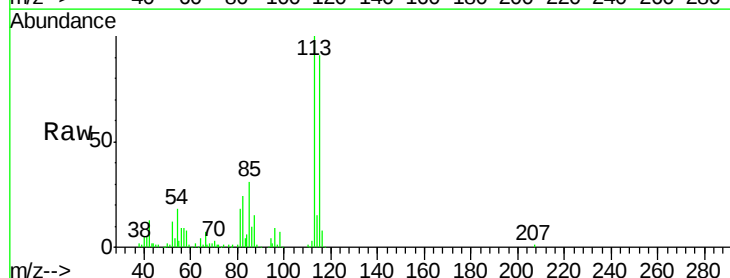


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

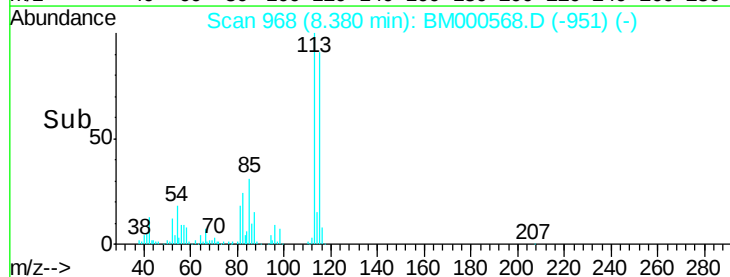
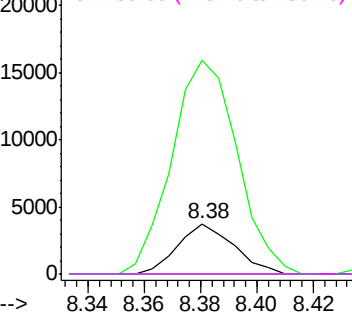


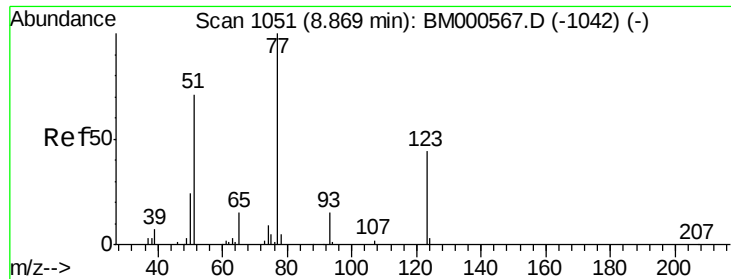
#13
N-Nitroso-di-n-propylamine
Concen: 1.08 ng/ul
RT: 8.38 min Scan# 968
Delta R.T. -0.10 min
Lab File: BM000568.D
Acq: 20 Feb 2015 20:52

Tgt Ion: 70 Resp: 5186
Ion Ratio Lower Upper
70 100
42 423.1 63.3 94.9#
101 0.0 8.2 12.4#
130 0.0 17.8 26.8#



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

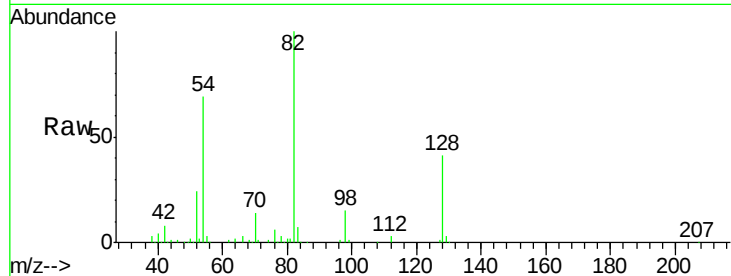




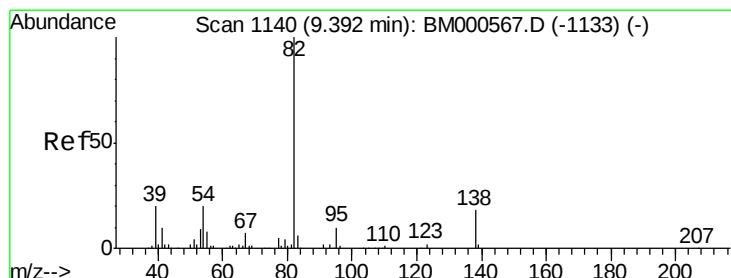
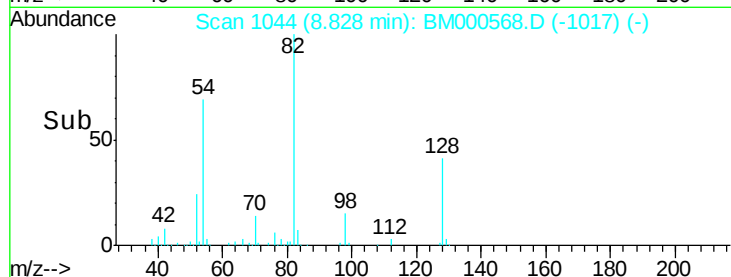
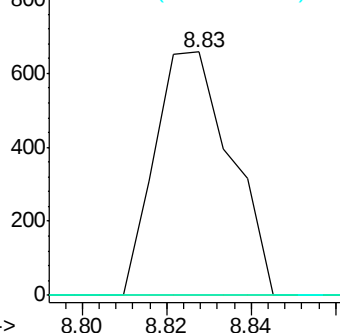
#18
 Nitrobenzene
 Concen: 0.11 ng/ul
 RT: 8.83 min Scan# 1044
 Delta R.T. -0.04 min
 Lab File: BM000568.D
 Acq: 20 Feb 2015 20:52

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-S

Tgt Ion: 77 Resp: 822
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.7 53.5#
 65 0.0 12.3 18.5#

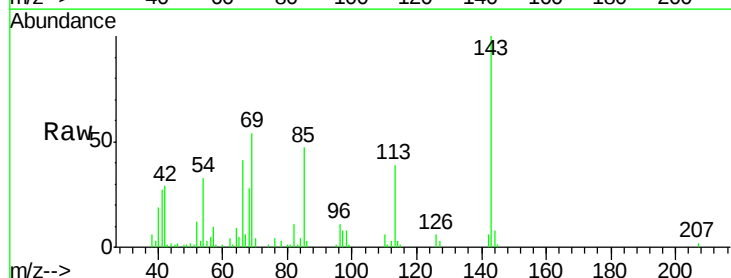


Abundance Ion 77.00 (76.70 to 77.70): BM0
 Ion 123.00 (122.70 to 123.70): BM0
 Ion 65.00 (64.70 to 65.70): BM0

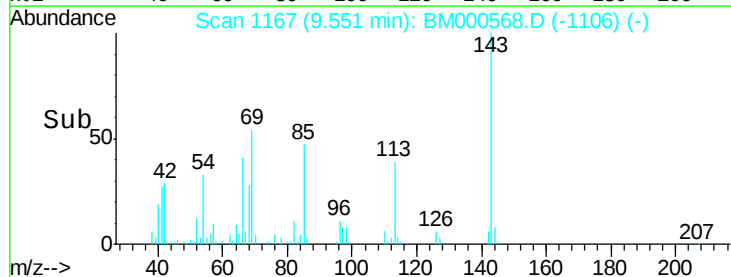
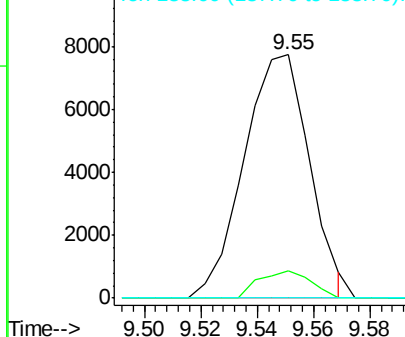


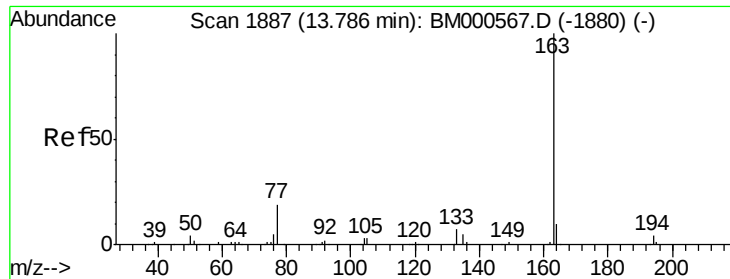
#19
 Isophorone
 Concen: 0.98 ng/ul
 RT: 9.55 min Scan# 1167
 Delta R.T. 0.16 min
 Lab File: BM000568.D
 Acq: 20 Feb 2015 20:52

Tgt Ion: 82 Resp: 12428
 Ion Ratio Lower Upper
 82 100
 95 11.5 7.0 10.4#
 138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 138.00 (137.70 to 138.70): BM0





#42

Dimethylphthalate

Concen: 0.03 ng/ul

RT: 13.74 min Scan# 1879

Delta R.T. -0.05 min

Lab File: BM000568.D

Acq: 20 Feb 2015 20:52

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

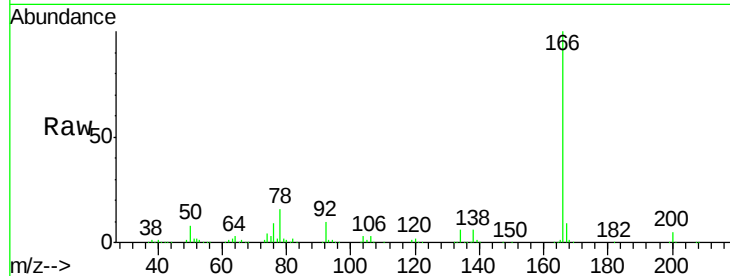
Tgt Ion:163 Resp: 536

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

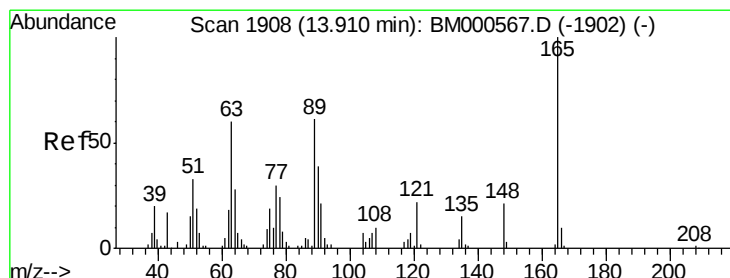
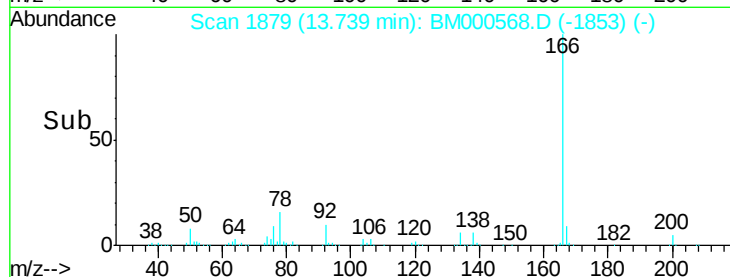
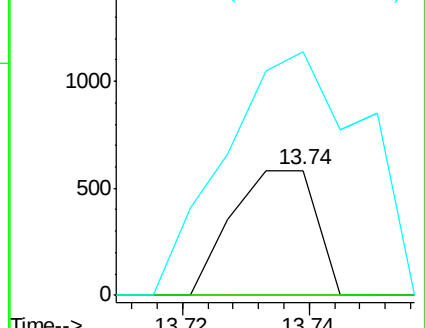
164 194.5 7.9 11.9#



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



#43

2,6-Dinitrotoluene

Concen: 1.34 ng/ul

RT: 13.74 min Scan# 1879

Delta R.T. -0.17 min

Lab File: BM000568.D

Acq: 20 Feb 2015 20:52

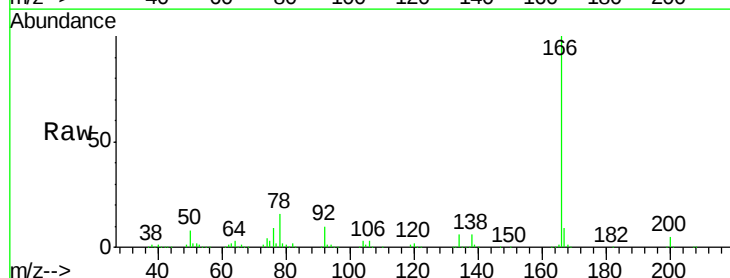
Tgt Ion:165 Resp: 5091

Ion Ratio Lower Upper

165 100

89 0.0 47.8 71.8#

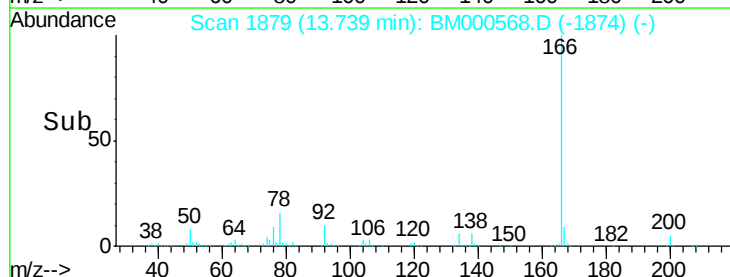
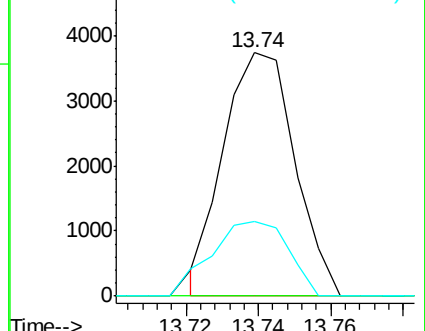
121 30.5 18.1 27.1#

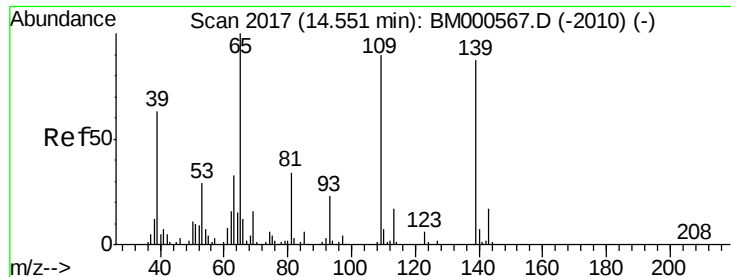


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#50

4-Nitrophenol

Concen: 0.13 ng/ul

RT: 14.54 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BM000568.D

Acq: 20 Feb 2015 20:52

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ClientSampleId :

MDL-BLK-S

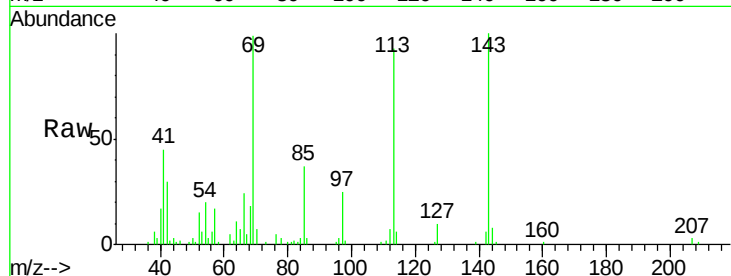
Tgt Ion:109 Resp: 441

Ion Ratio Lower Upper

109 100

139 76.7 78.2 117.4#

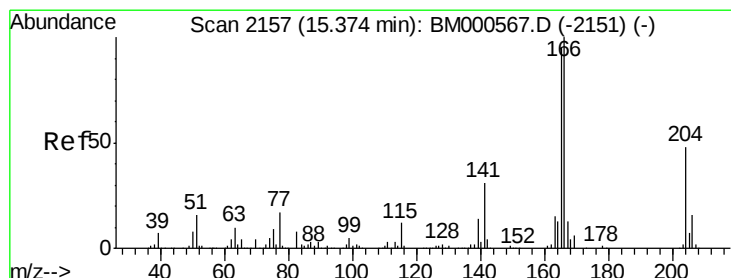
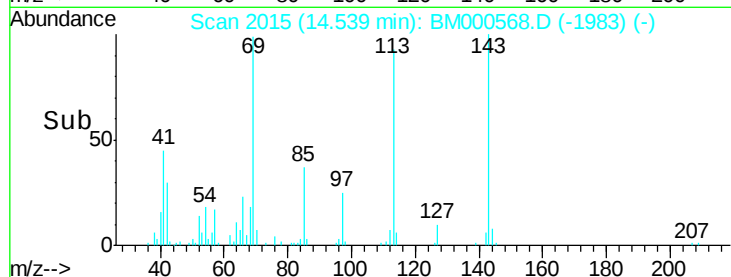
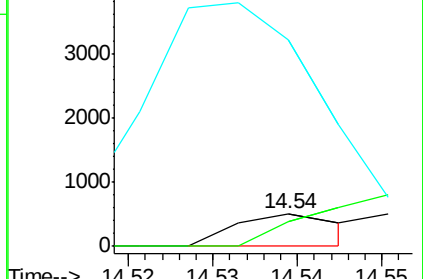
65 630.1 93.7 140.5#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

Fluorene

Concen: 0.07 ng/ul

RT: 15.32 min Scan# 2148

Delta R.T. -0.05 min

Lab File: BM000568.D

Acq: 20 Feb 2015 20:52

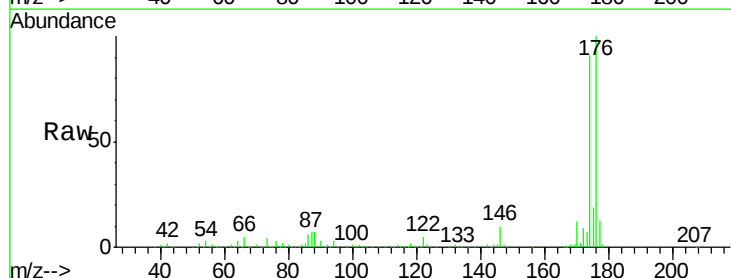
Tgt Ion:166 Resp: 1392

Ion Ratio Lower Upper

166 100

165 0.0 74.4 111.6#

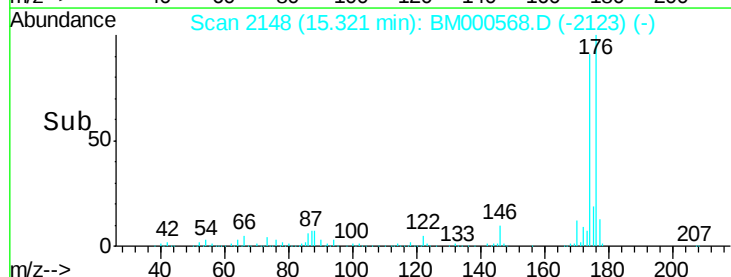
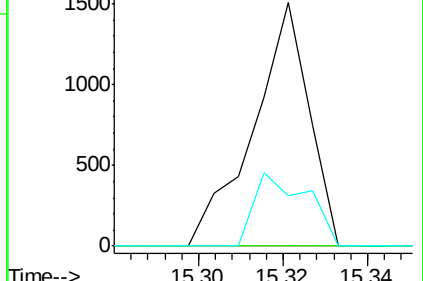
167 20.8 10.2 15.4#

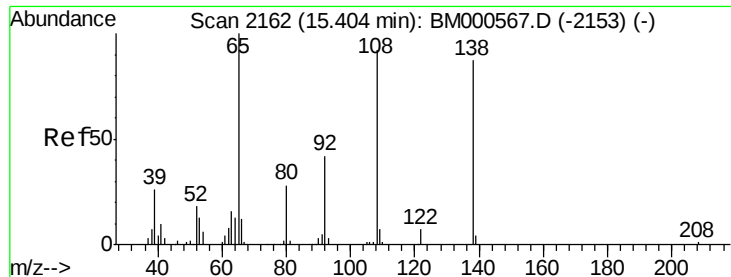


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

4-Nitroaniline

Concen: 0.09 ng/ul

RT: 15.32 min Scan# 2148

Delta R.T. -0.08 min

Lab File: BM000568.D

Acq: 20 Feb 2015 20:52

Instrument :

BNA_M

ClientSampled :

MDL-BLK-S

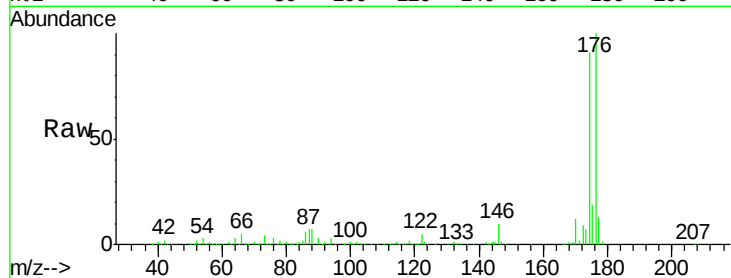
Tgt Ion:138 Resp: 339

Ion Ratio Lower Upper

138 100

92 1111.5 42.2 63.2#

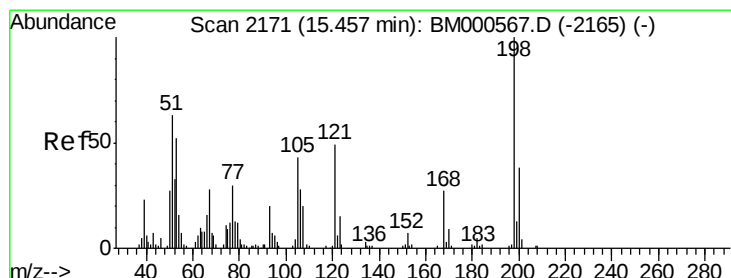
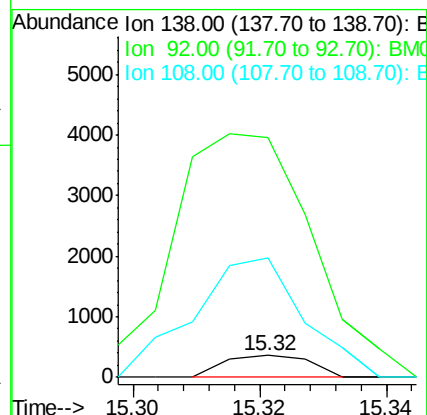
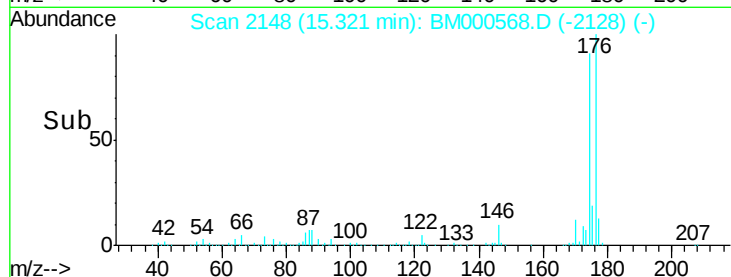
108 552.9 83.5 125.3#



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



#61

4,6-Dinitro-2-methylphenol

Concen: 0.11 ng/ul

RT: 15.44 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BM000568.D

Acq: 20 Feb 2015 20:52

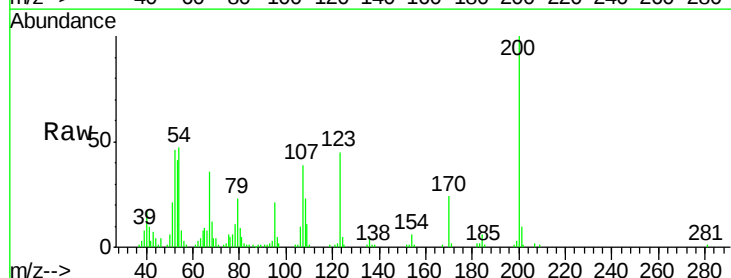
Tgt Ion:198 Resp: 364

Ion Ratio Lower Upper

198 100

182 269.5 3.2 4.8#

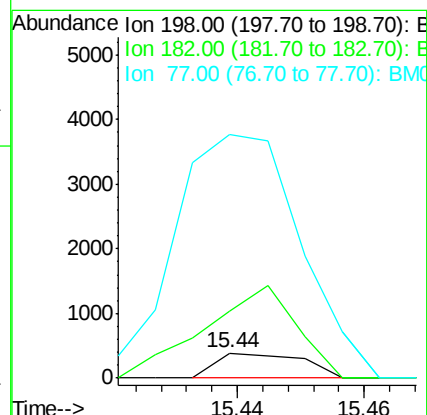
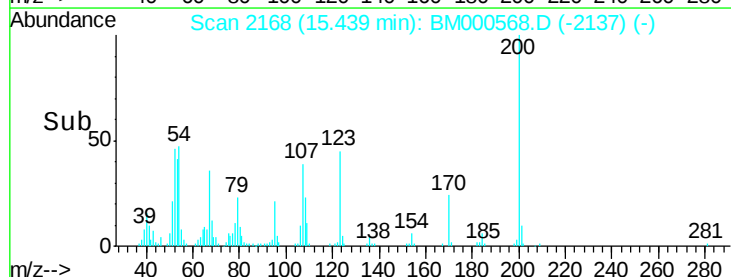
77 973.4 22.2 33.2#

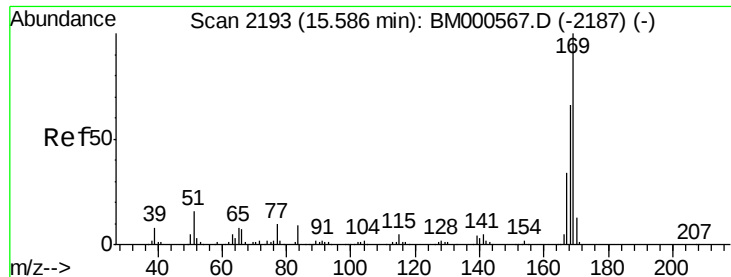


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM0





#62

N-Nitrosodiphenylamine

Concen: 0.02 ng/ul

RT: 15.44 min Scan# 2169

Delta R.T. -0.14 min

Lab File: BM000568.D

Acq: 20 Feb 2015 20:52

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

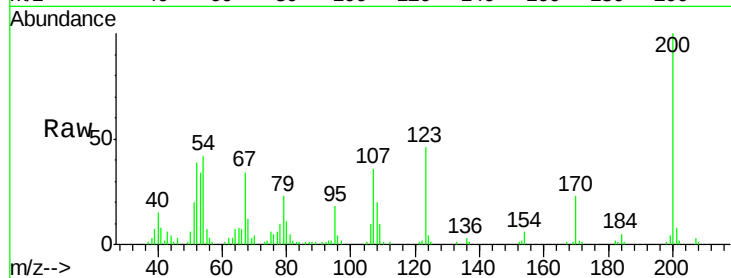
Tgt Ion:169 Resp: 361

Ion Ratio Lower Upper

169 100

168 0.0 53.3 79.9#

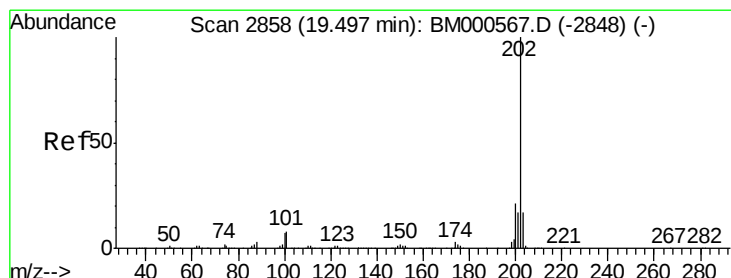
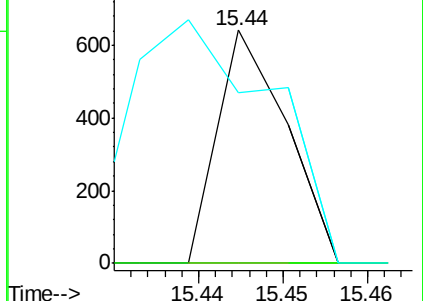
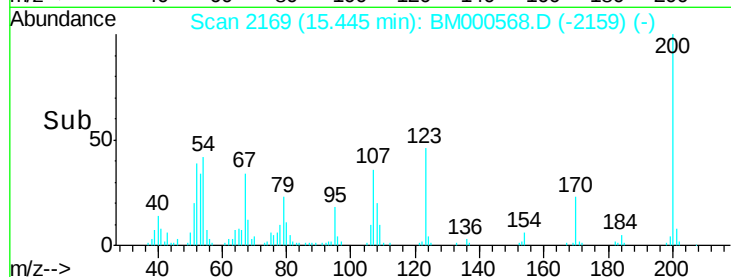
167 73.4 29.4 44.2#



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



#77

Pyrene

Concen: 0.03 ng/ul

RT: 19.47 min Scan# 2853

Delta R.T. -0.03 min

Lab File: BM000568.D

Acq: 20 Feb 2015 20:52

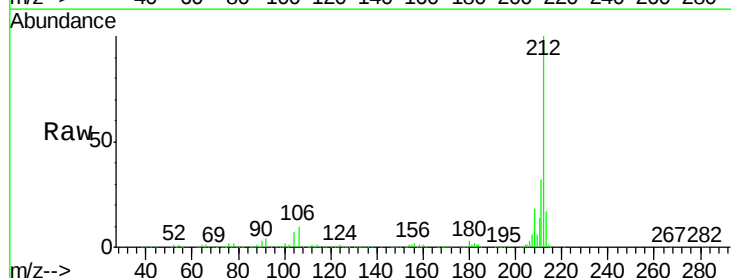
Tgt Ion:202 Resp: 1208

Ion Ratio Lower Upper

202 100

101 119.0 7.2 10.8#

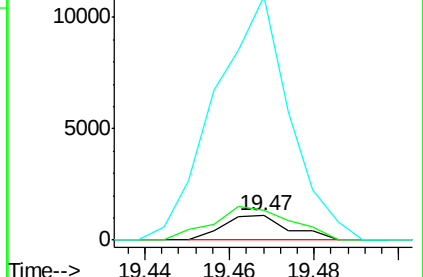
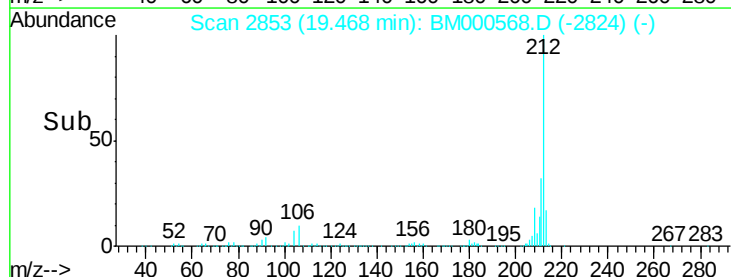
100 990.2 5.9 8.9#

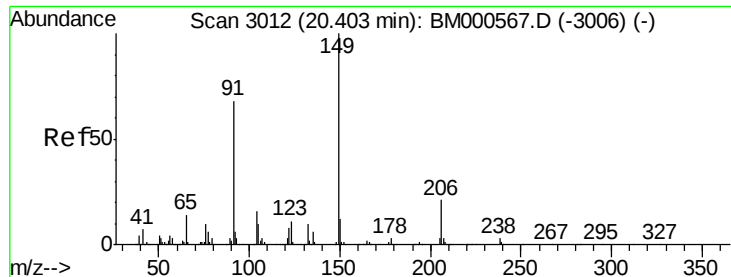


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

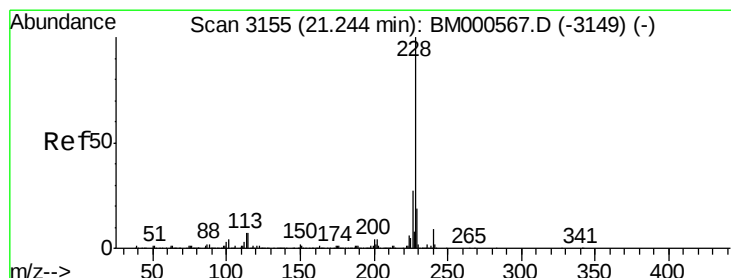
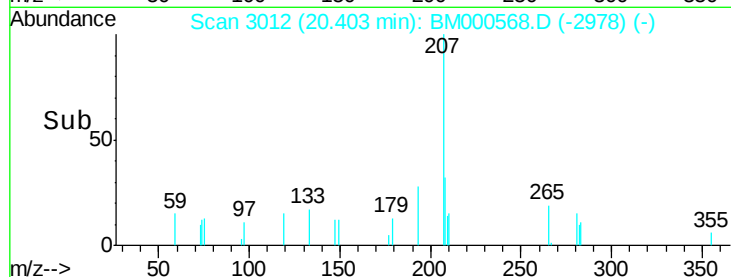
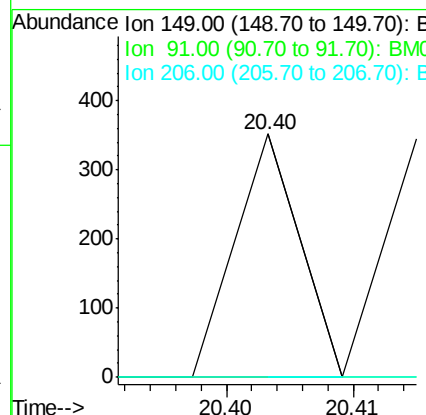
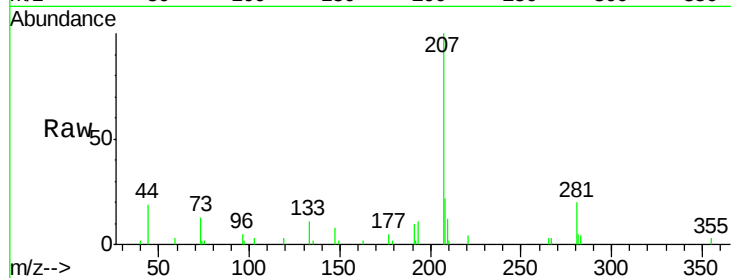




#78
 Butylbenzylphthalate
 Concen: 0.01 ng/ul
 RT: 20.40 min Scan# 3012
 Delta R.T. -0.00 min
 Lab File: BM000568.D
 Acq: 20 Feb 2015 20:52

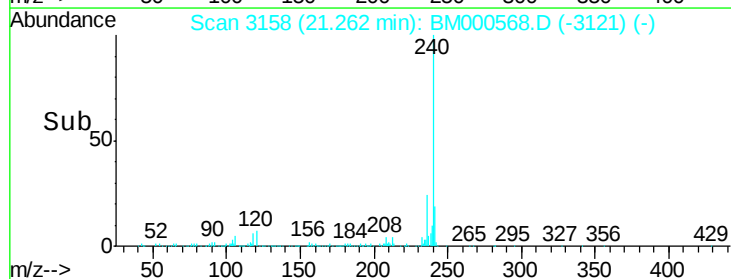
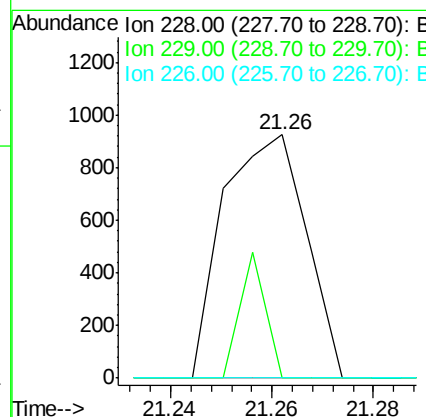
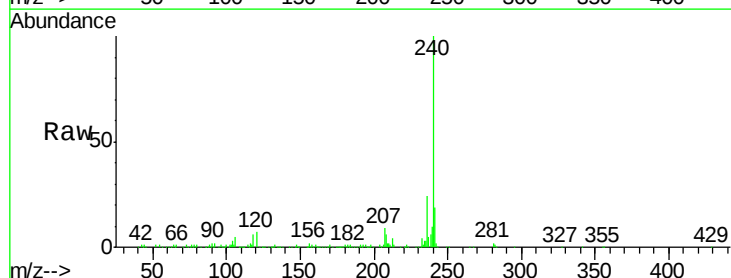
Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-S

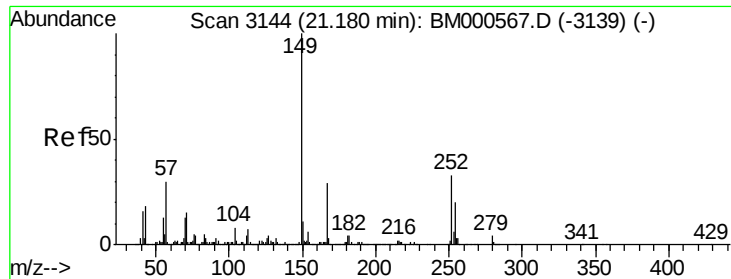
Tgt Ion:149 Resp: 124
 Ion Ratio Lower Upper
 149 100
 91 0.0 53.9 80.9#
 206 0.0 17.2 25.8#



#80
 Benzo(a)anthracene
 Concen: 0.04 ng/ul
 RT: 21.26 min Scan# 3158
 Delta R.T. 0.02 min
 Lab File: BM000568.D
 Acq: 20 Feb 2015 20:52

Tgt Ion:228 Resp: 1050
 Ion Ratio Lower Upper
 228 100
 229 0.0 15.1 22.7#
 226 0.0 20.4 30.6#

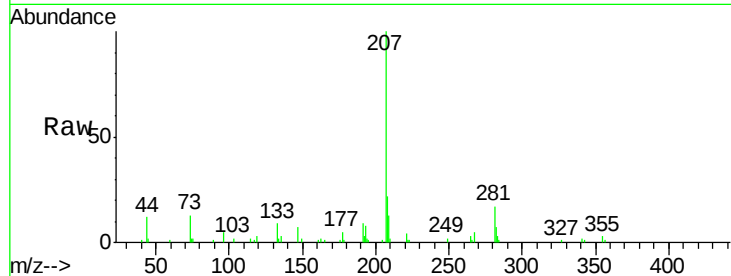




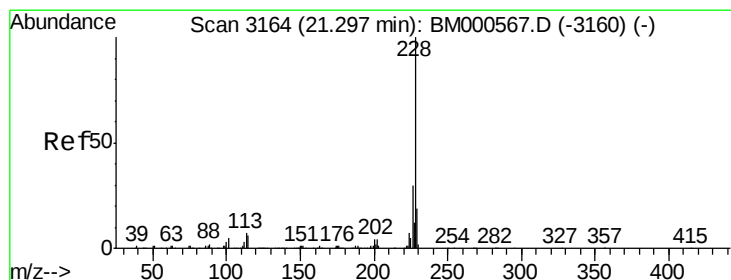
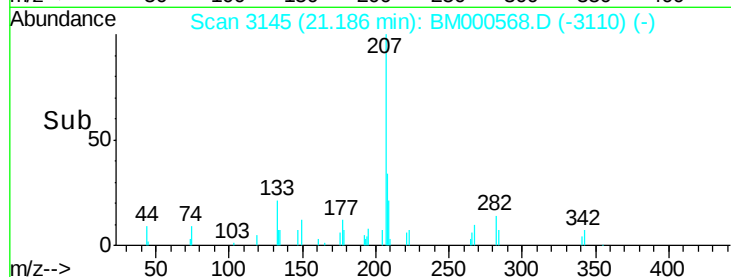
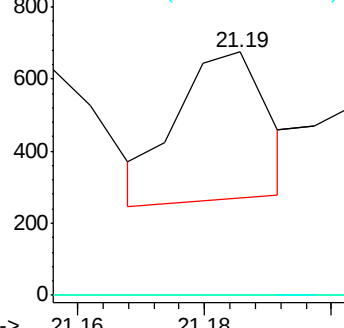
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.03 ng/ul
 RT: 21.19 min Scan# 3145
 Delta R.T. 0.01 min
 Lab File: BM000568.D
 Acq: 20 Feb 2015 20:52

Instrument :
 BNA_M
 ClientSampled :
 MDL-BLK-S

Tgt Ion:149 Resp: 408
 Ion Ratio Lower Upper
 149 100
 167 0.0 23.8 35.6#
 279 0.0 3.4 5.2#

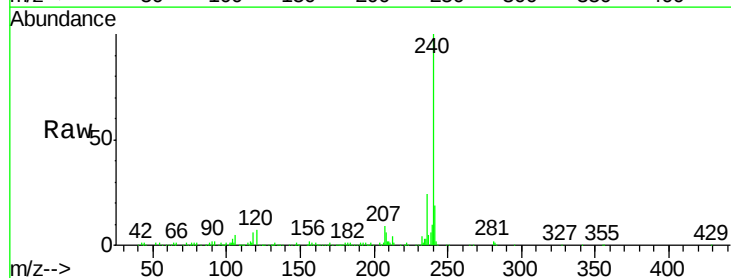


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

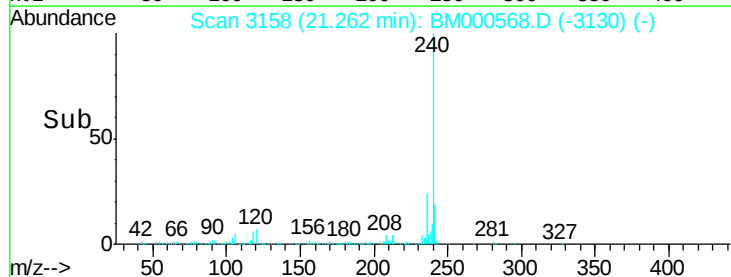
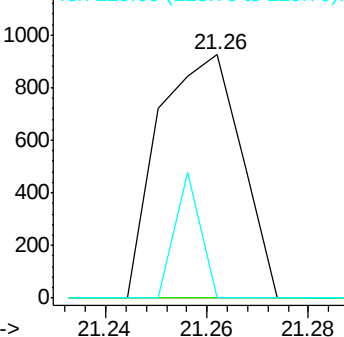


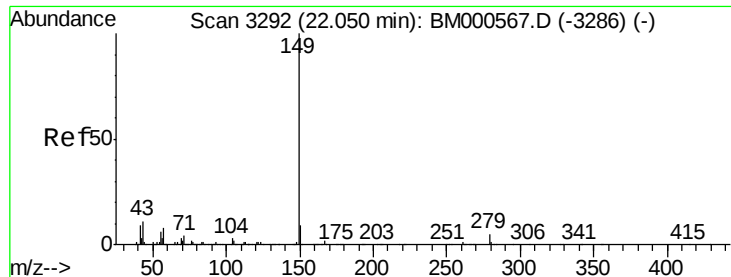
#82
 Chrysene
 Concen: 0.04 ng/ul
 RT: 21.26 min Scan# 3158
 Delta R.T. -0.04 min
 Lab File: BM000568.D
 Acq: 20 Feb 2015 20:52

Tgt Ion:228 Resp: 1050
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.0 34.6#
 229 0.0 15.3 22.9#



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: 0.02 ng/ul

RT: 22.06 min Scan# 3293

Delta R.T. 0.01 min

Lab File: BM000568.D

Acq: 20 Feb 2015 20:52

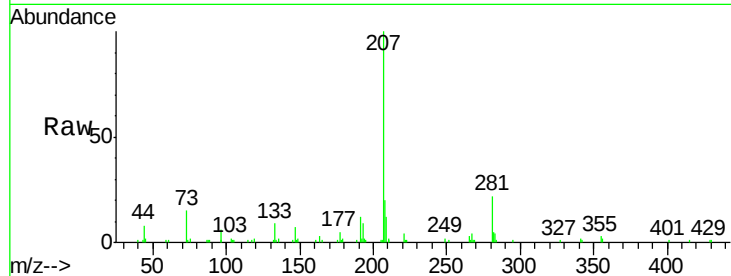
Instrument :

BNA_M

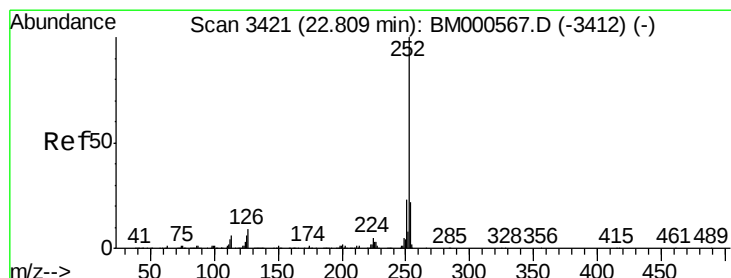
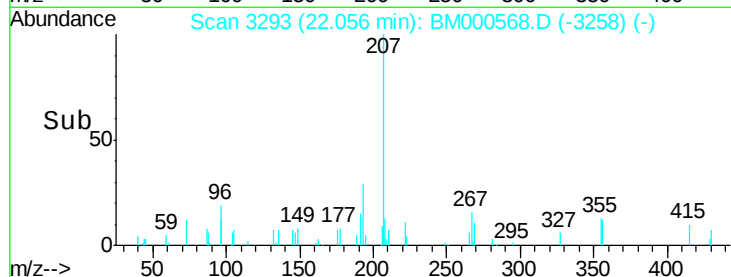
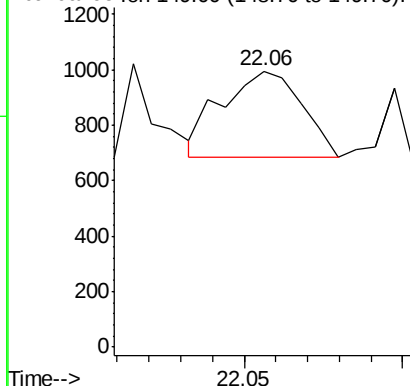
ClientSampleId :

MDL-BLK-S

Tgt Ion:149 Resp: 538



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 22.81 min Scan# 3422

Delta R.T. 0.01 min

Lab File: BM000568.D

Acq: 20 Feb 2015 20:52

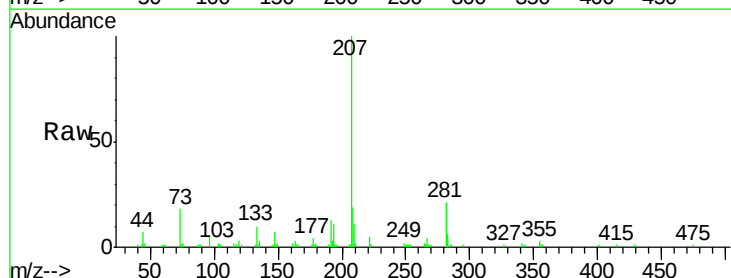
Tgt Ion:252 Resp: 258

Ion Ratio Lower Upper

252 100

253 151.8 17.4 26.0#

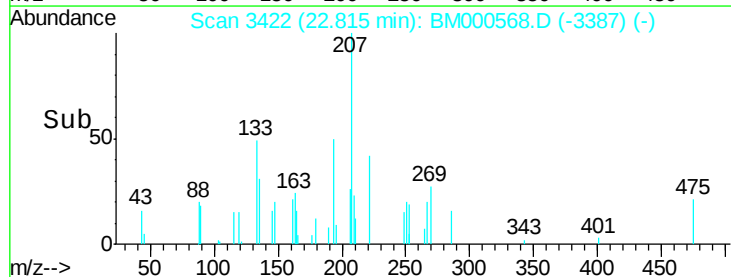
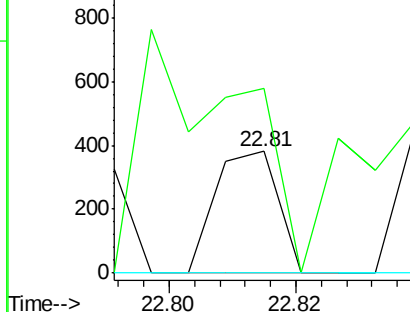
125 0.0 6.2 9.2#

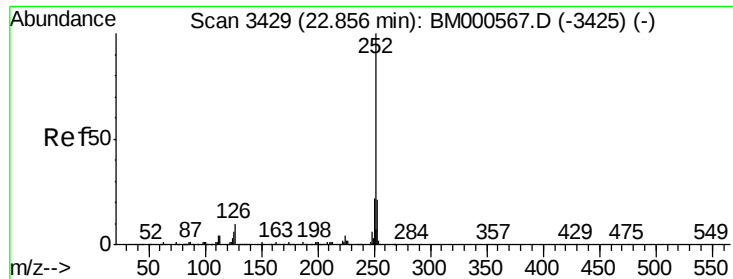


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

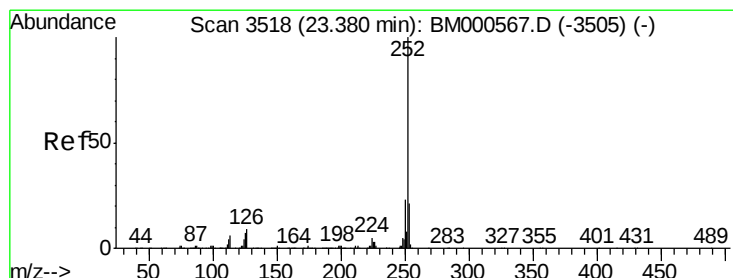
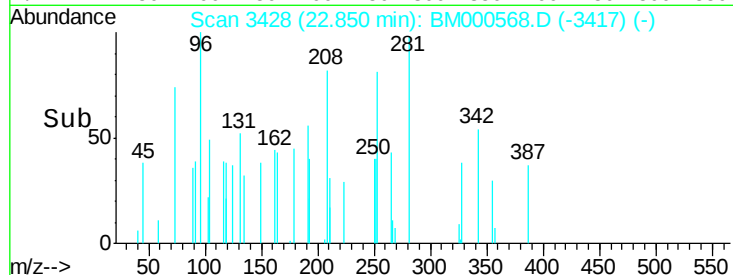
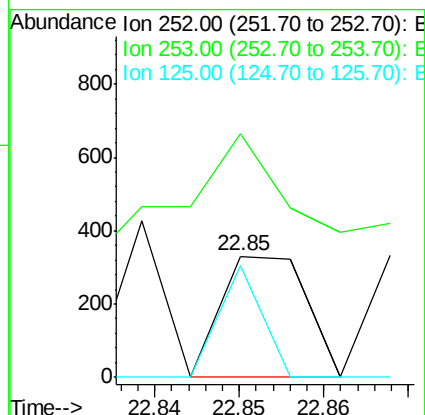
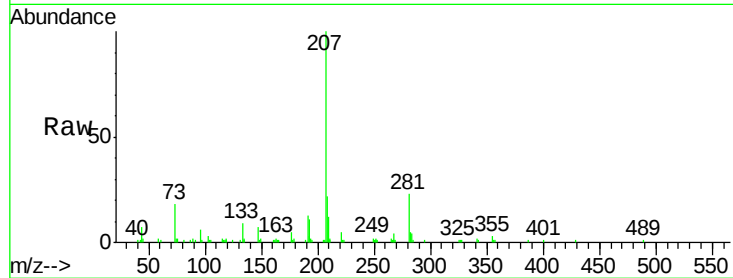




#86
Benzo(k)fluoranthene
Concen: 0.01 ng/ul
RT: 22.85 min Scan# 3428
Delta R.T. -0.01 min
Lab File: BM000568.D
Acq: 20 Feb 2015 20:52

Instrument :
BNA_M
ClientSampleId :
MDL-BLK-S

Tgt Ion:252 Resp: 231
Ion Ratio Lower Upper
252 100
253 200.6 17.1 25.7#
125 91.8 5.3 7.9#



#88
Benzo(a)pyrene
Concen: 0.02 ng/ul
RT: 23.39 min Scan# 3519
Delta R.T. 0.01 min
Lab File: BM000568.D
Acq: 20 Feb 2015 20:52

Tgt Ion:252 Resp: 548
Ion Ratio Lower Upper
252 100
253 93.1 17.5 26.3#
125 64.9 5.4 8.0#

