

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
 Data File : BM002063.D
 Acq On : 27 Jul 2015 16:08
 Operator : UM/HP
 Sample : MDL-BLK-S
 Misc : MDL-SOIL-SVOC-BLK
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-S

Quant Time: Jul 28 04:15:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 27 16:22:43 2015
 Response via : Initial Calibration

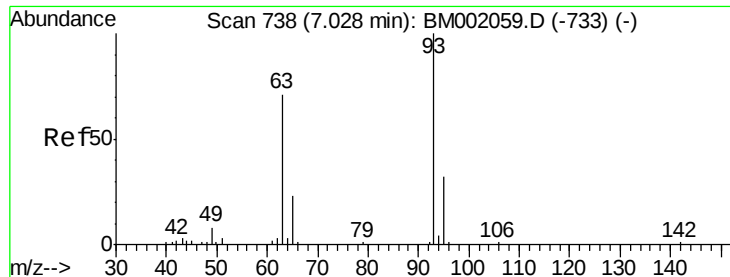
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	81664	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	312728	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	179904	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	404884	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	473380	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	477147	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	9718	6.16	ng/uL	0.00
5) Phenol-d5	6.77	99	176978	30.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	101061	31.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	153941	31.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	141404	30.47	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	70969	31.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	80740	32.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	144170	30.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	191370	36.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	428058	32.48	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	522936	31.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	64591	29.37	ng/ul	0.00
58) Fluorene-d10	15.26	176	370722	31.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	55529	22.42	ng/ul	0.00
71) Anthracene-d10	17.11	188	582187	32.21	ng/ul	0.00
79) Pyrene-d10	19.41	212	646366	32.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	752824	32.55	ng/ul	0.00

Target Compounds				Qvalue		
8) Bis(2-Chloroethyl)ether	7.04	93	431	0.10	ng/ul#	26
15) N-Nitroso-di-n-propylamine	8.31	70	3373	0.95	ng/ul#	1
20) Nitrobenzene	8.76	77	437	0.08	ng/ul#	37
21) Isophorone	9.47	82	6603	0.71	ng/ul#	70
46) 2,6-Dinitrotoluene	13.67	165	2634	0.98	ng/ul#	38
59) Fluorene	15.26	166	571	0.04	ng/ul#	10
65) N-Nitrosodiphenylamine	15.39	169	217	0.02	ng/ul#	1
80) Pyrene	19.42	202	762	0.03	ng/ul#	1
83) Benzo(a)anthracene	21.21	228	1289	0.05	ng/ul#	53
85) Chrysene	21.21	228	1289	0.05	ng/ul#	51
87) Di-n-octyl phthalate	21.95	149	111	0.00	ng/ul	100
91) Benzo(a)pyrene	23.27	252	2221	0.09	ng/ul#	45

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

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Misc : MDL-SOIL-SVOC-BLK
ALS Vial : 8 Sample Multiplier: 1



#8

Bis(2-Chloroethyl)ether

Concen: 0.10 ng/ul

RT: 7.04 min Scan# 740

Delta R.T. 0.01 min

Lab File: BM002063.D

Acq: 27 Jul 2015 16:08

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

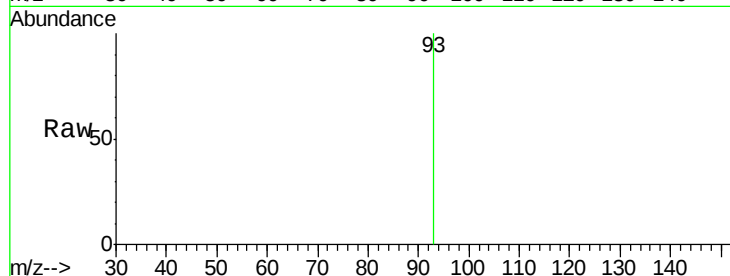
Tgt Ion: 93 Resp: 431

Ion Ratio Lower Upper

93 100

63 0.0 51.5 77.3#

95 0.0 27.0 40.4#

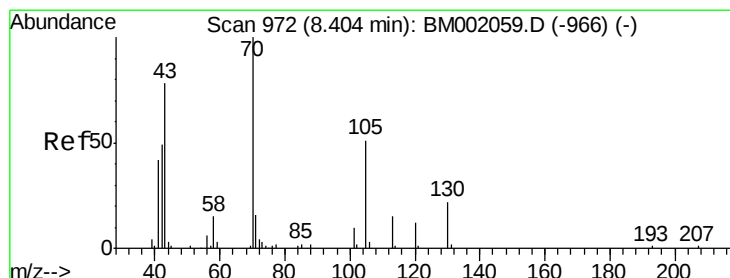
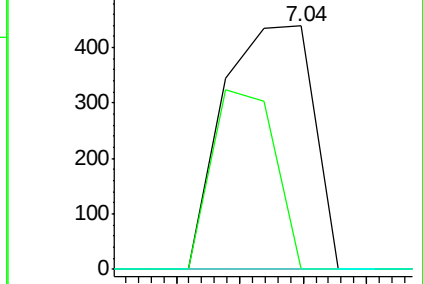
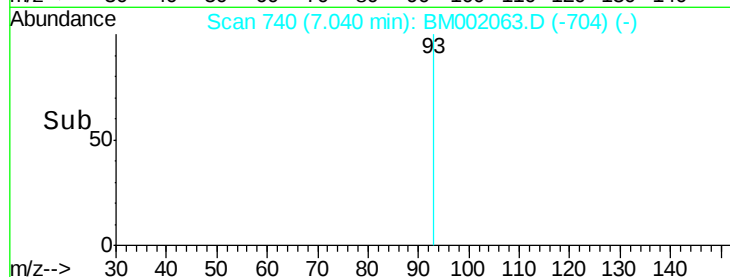


Abundance Ion 93.00 (92.70 to 93.70): BM002059.D (-733) (-)

Ion 63.00 (62.70 to 63.70): BM002059.D (-733) (-)

Ion 95.00 (94.70 to 95.70): BM002059.D (-733) (-)

Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 0.95 ng/ul

RT: 8.31 min Scan# 956

Delta R.T. -0.09 min

Lab File: BM002063.D

Acq: 27 Jul 2015 16:08

Tgt Ion: 70 Resp: 3373

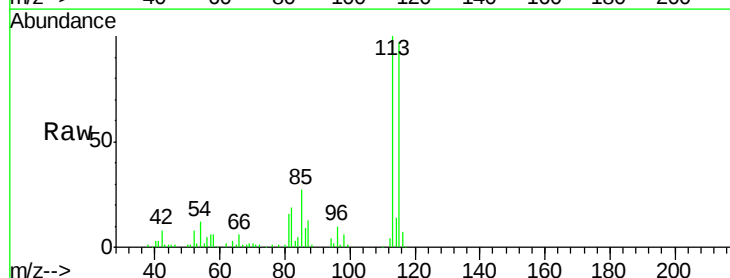
Ion Ratio Lower Upper

70 100

42 360.5 39.2 58.8#

101 0.0 8.6 12.8#

130 0.0 20.2 30.4#



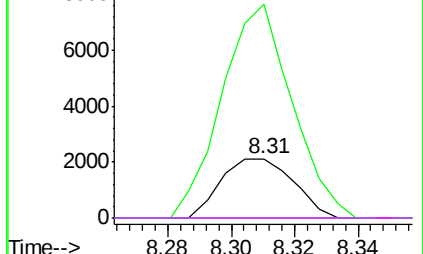
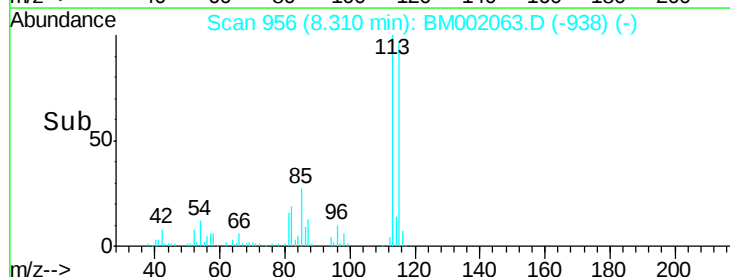
Abundance Ion 70.00 (69.70 to 70.70): BM002059.D (-966) (-)

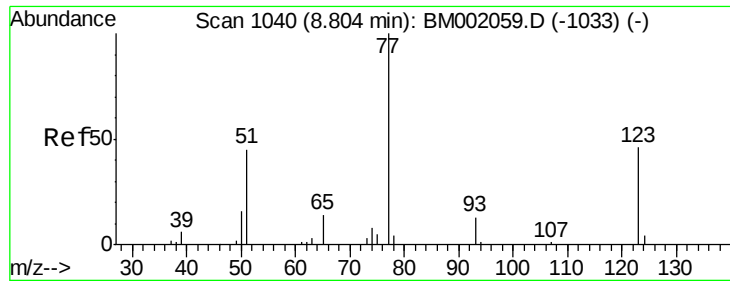
Ion 42.00 (41.70 to 42.70): BM002059.D (-966) (-)

Ion 101.00 (100.70 to 101.70): BM002059.D (-966) (-)

Ion 130.00 (129.70 to 130.70): BM002059.D (-966) (-)

Time-->

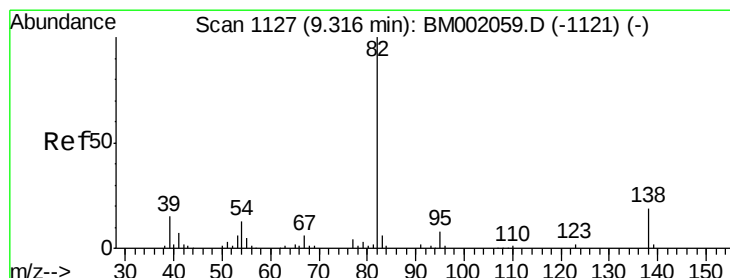
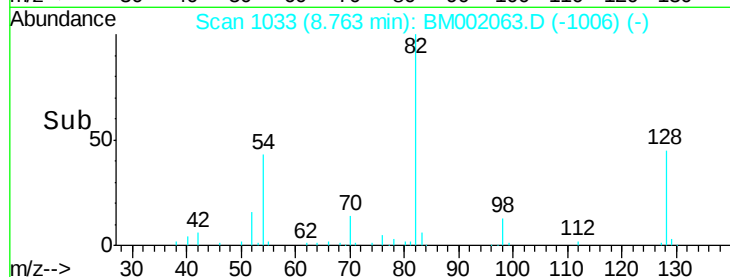
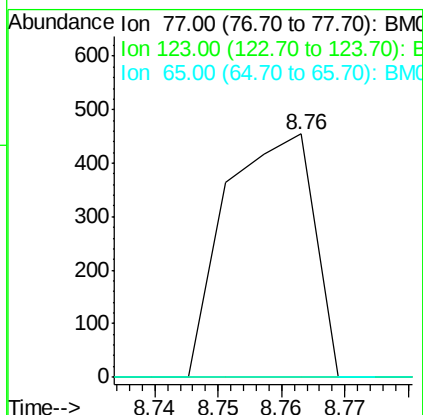
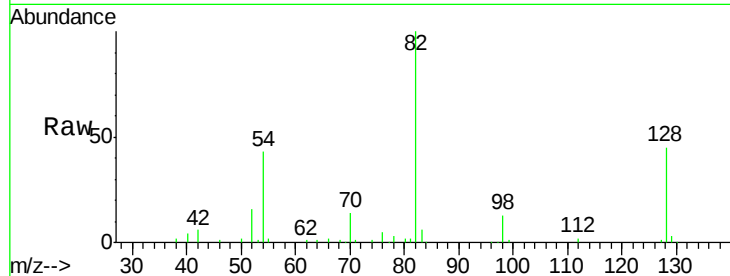




#20
 Nitrobenzene
 Concen: 0.08 ng/ul
 RT: 8.76 min Scan# 1033
 Delta R.T. -0.04 min
 Lab File: BM002063.D
 Acq: 27 Jul 2015 16:08

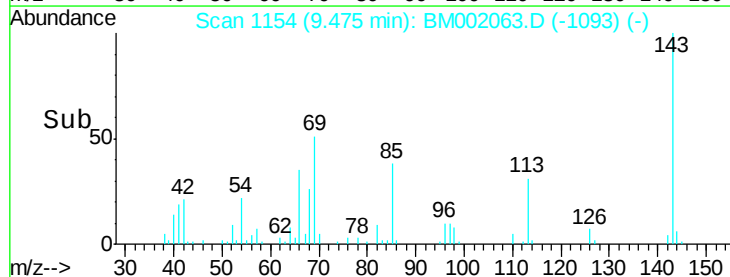
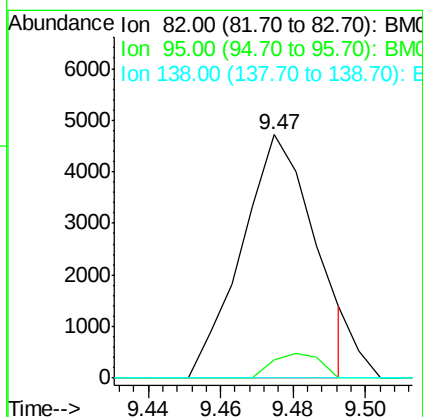
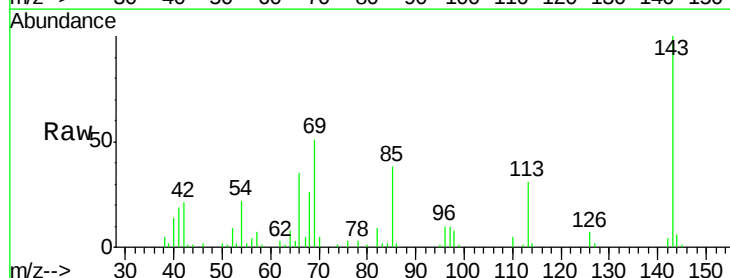
Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-S

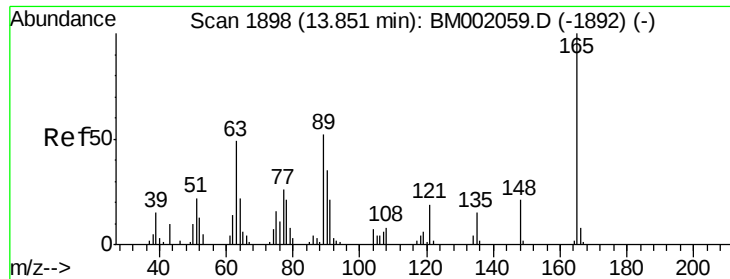
Tgt Ion: 77 Resp: 437
 Ion Ratio Lower Upper
 77 100
 123 0.0 39.0 58.4#
 65 0.0 10.4 15.6#



#21
 Isophorone
 Concen: 0.71 ng/ul
 RT: 9.47 min Scan# 1154
 Delta R.T. 0.16 min
 Lab File: BM002063.D
 Acq: 27 Jul 2015 16:08

Tgt Ion: 82 Resp: 6603
 Ion Ratio Lower Upper
 82 100
 95 7.5 6.5 9.7
 138 0.0 15.4 23.2#

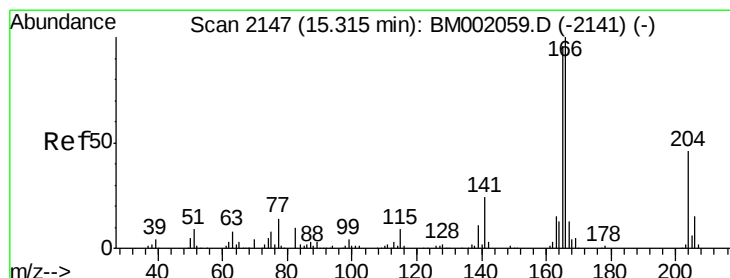
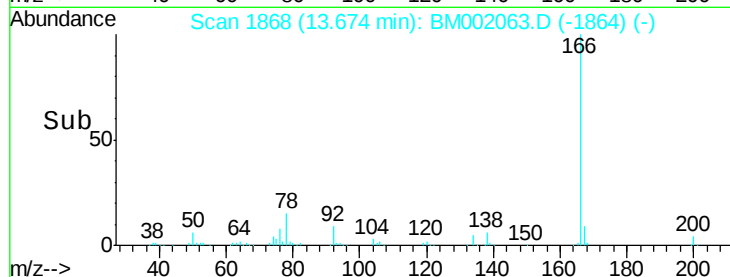
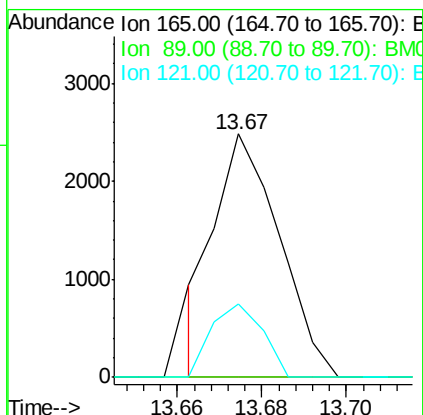
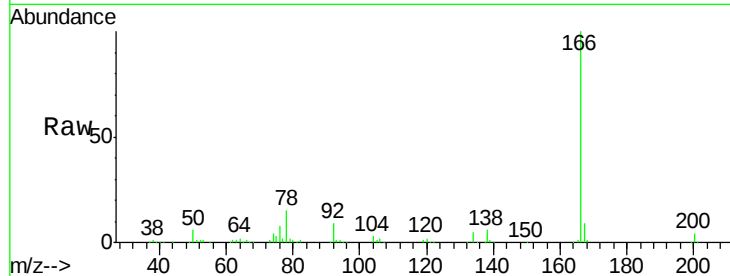




#46
 2,6-Dinitrotoluene
 Concen: 0.98 ng/ul
 RT: 13.67 min Scan# 1868
 Delta R.T. -0.18 min
 Lab File: BM002063.D
 Acq: 27 Jul 2015 16:08

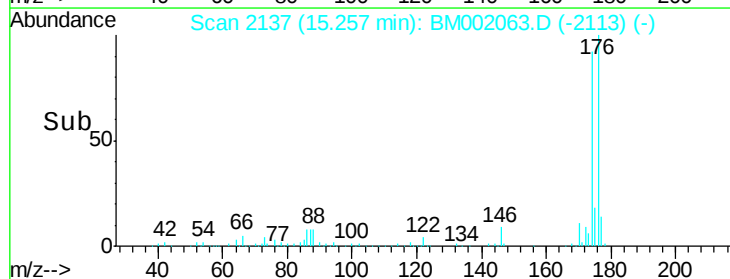
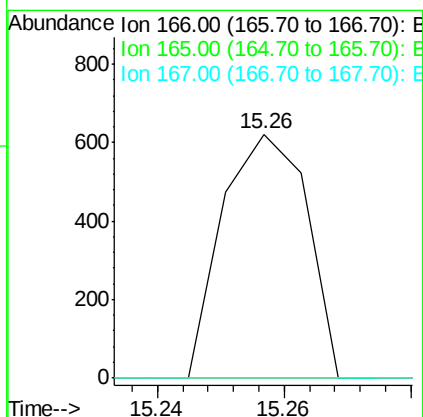
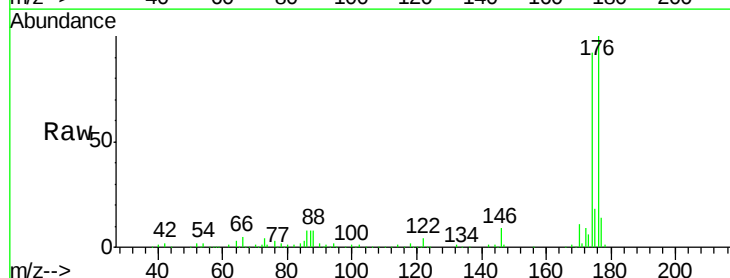
Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-S

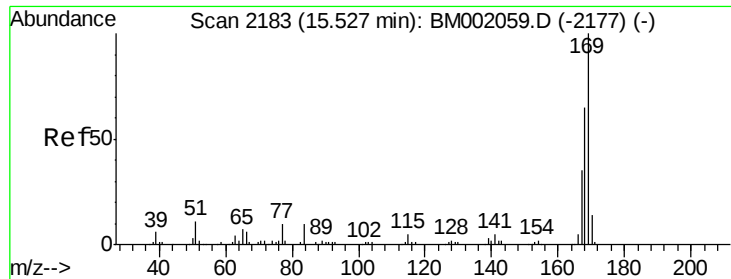
Tgt Ion:165 Resp: 2634
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.7 64.1#
 121 30.1 14.8 22.2#



#59
 Fluorene
 Concen: 0.04 ng/ul
 RT: 15.26 min Scan# 2137
 Delta R.T. -0.06 min
 Lab File: BM002063.D
 Acq: 27 Jul 2015 16:08

Tgt Ion:166 Resp: 571
 Ion Ratio Lower Upper
 166 100
 165 0.0 75.6 113.4#
 167 0.0 10.5 15.7#





#65

N-Nitrosodiphenylamine

Concen: 0.02 ng/ul

RT: 15.39 min Scan# 2160

Delta R.T. -0.14 min

Lab File: BM002063.D

Acq: 27 Jul 2015 16:08

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

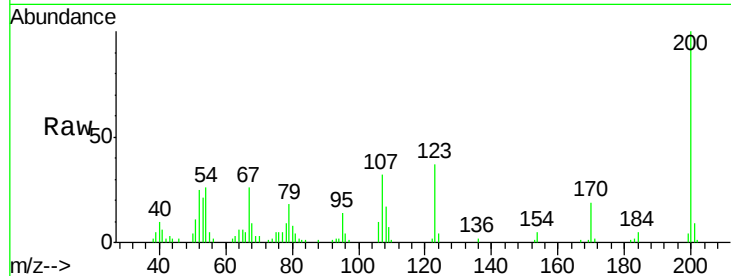
Tgt Ion:169 Resp: 217

Ion Ratio Lower Upper

169 100

168 0.0 52.6 79.0#

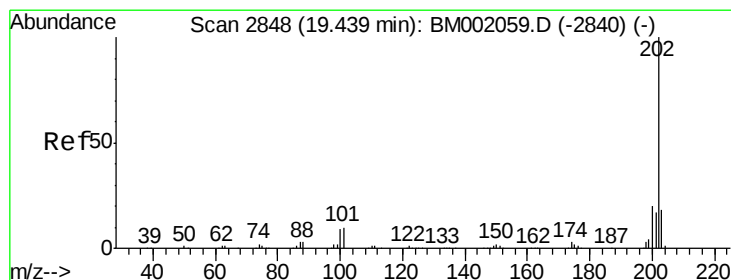
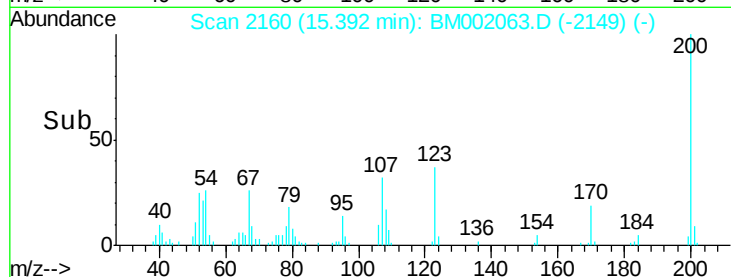
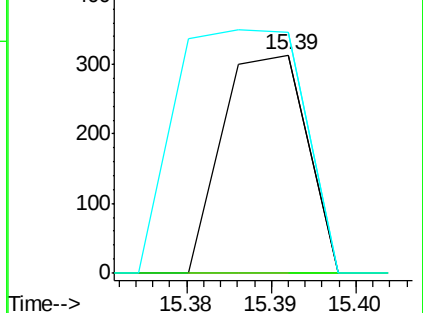
167 110.2 27.8 41.6#



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



#80

Pyrene

Concen: 0.03 ng/ul

RT: 19.42 min Scan# 2844

Delta R.T. -0.02 min

Lab File: BM002063.D

Acq: 27 Jul 2015 16:08

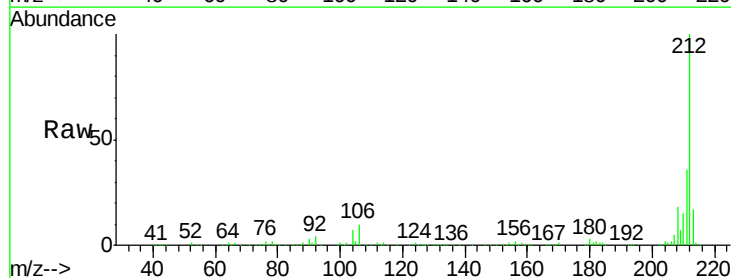
Tgt Ion:202 Resp: 762

Ion Ratio Lower Upper

202 100

101 122.5 7.4 11.2#

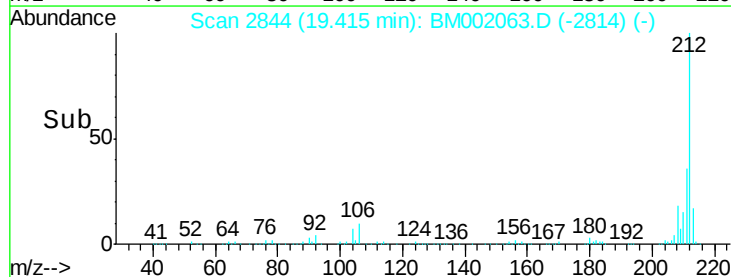
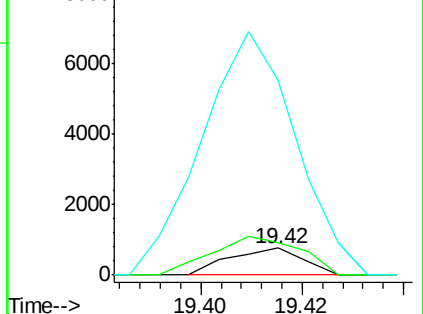
100 724.2 6.3 9.5#

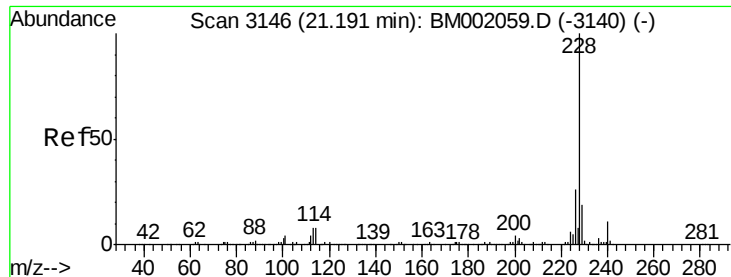


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 21.21 min Scan# 3149

Delta R.T. 0.02 min

Lab File: BM002063.D

Acq: 27 Jul 2015 16:08

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

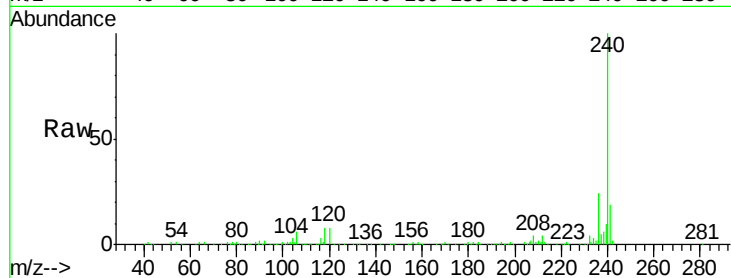
Tgt Ion:228 Resp: 1289

Ion Ratio Lower Upper

228 100

229 0.0 15.4 23.2#

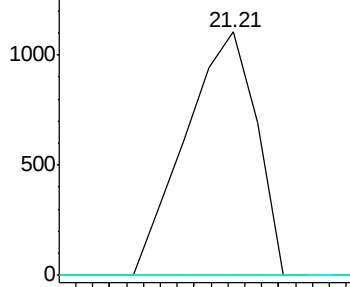
226 0.0 20.5 30.7#



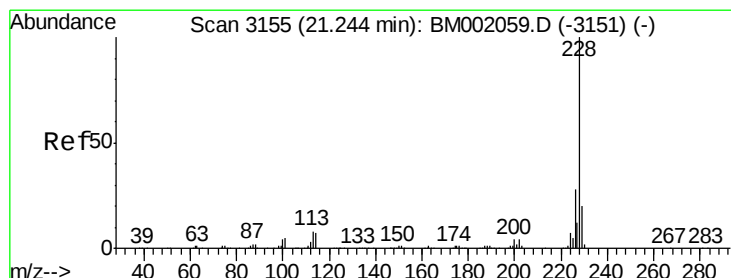
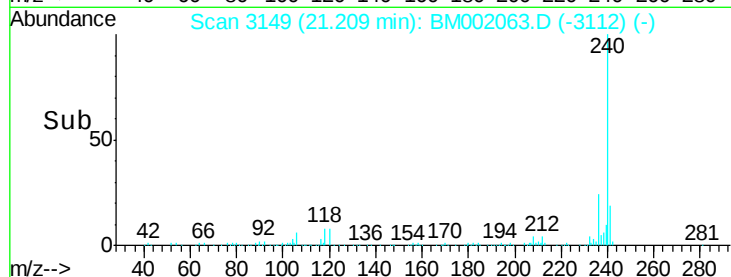
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#85

Chrysene

Concen: 0.05 ng/ul

RT: 21.21 min Scan# 3149

Delta R.T. -0.04 min

Lab File: BM002063.D

Acq: 27 Jul 2015 16:08

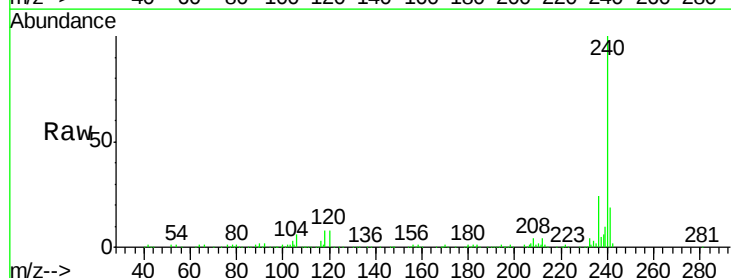
Tgt Ion:228 Resp: 1289

Ion Ratio Lower Upper

228 100

226 0.0 22.3 33.5#

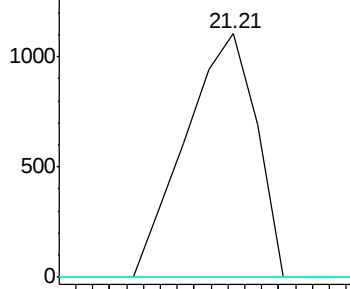
229 0.0 15.5 23.3#



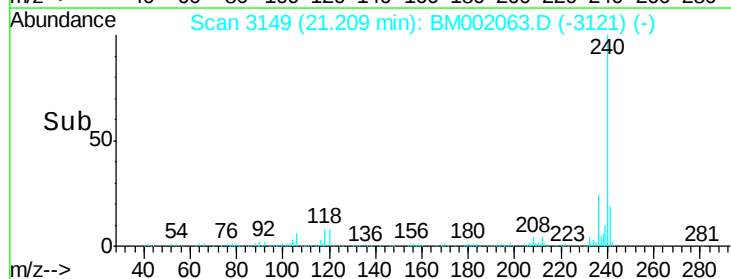
Abundance Ion 228.00 (227.70 to 228.70): E

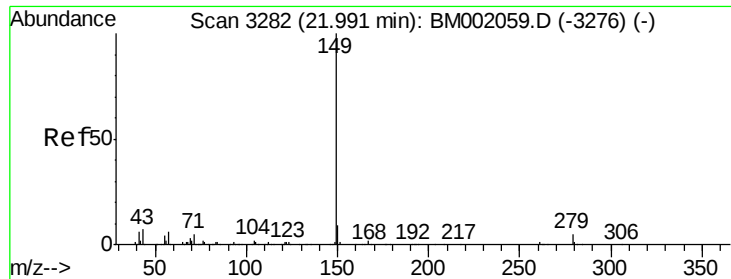
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



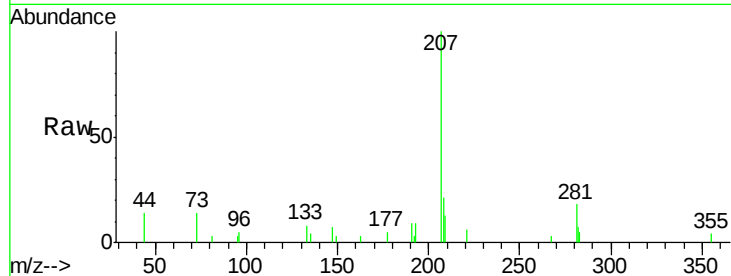


#87

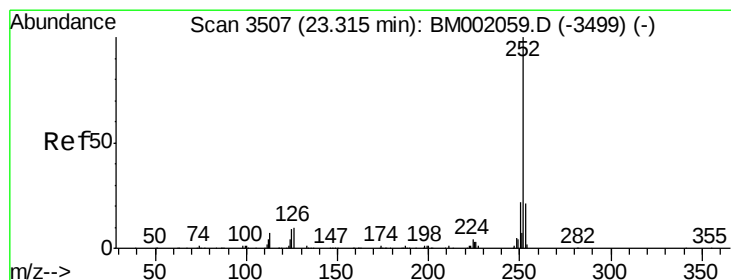
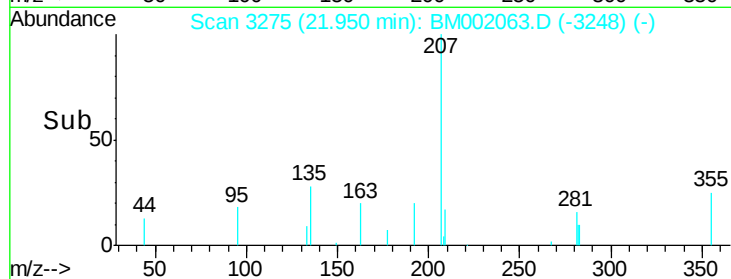
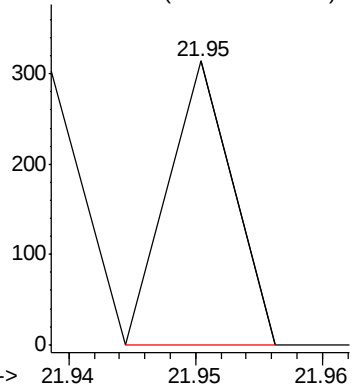
Di-n-octyl phthalate
Concen: 0.00 ng/uI
RT: 21.95 min Scan# 3275
Delta R.T. -0.04 min
Lab File: BM002063.D
Acq: 27 Jul 2015 16:08

Instrument :
BNA_M
ClientSampleId :
MDL-BLK-S

Tgt Ion:149 Resp: 111



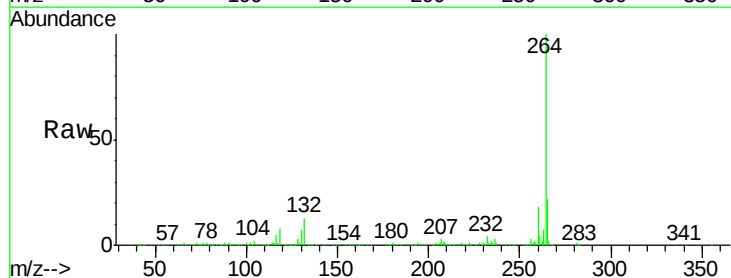
Abundance Ion 149.00 (148.70 to 149.70): E



#91

Benzo(a)pyrene
Concen: 0.09 ng/uI
RT: 23.27 min Scan# 3499
Delta R.T. -0.05 min
Lab File: BM002063.D
Acq: 27 Jul 2015 16:08

Tgt Ion:252 Resp: 2221
Ion Ratio Lower Upper
252 100
253 45.0 17.2 25.8#
125 32.1 6.6 10.0#



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

