

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
 Data File : BM002072.D
 Acq On : 27 Jul 2015 22:53
 Operator : UM/HP
 Sample : MDL-BLK-W
 Misc : MDL-WATER-SVOC-BLK
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-W

Quant Time: Jul 28 05:24:16 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 28 05:22:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	79087	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	301904	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	178387	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	407867	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	501543	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	517247	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	9580	6.27	ng/uL	0.00
5) Phenol-d5	6.77	99	177312	31.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	100429	32.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	155127	32.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	143289	31.88	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	71292	33.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	81540	34.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	144804	31.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	193254	38.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	455395	34.85	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	537757	32.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	71008	32.56	ng/ul	0.00
58) Fluorene-d10	15.26	176	384317	33.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	65123	26.10	ng/ul	0.00
71) Anthracene-d10	17.11	188	638341	35.06	ng/ul	0.00
79) Pyrene-d10	19.41	212	730137	34.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	896834	35.77	ng/ul	0.00

Target Compounds

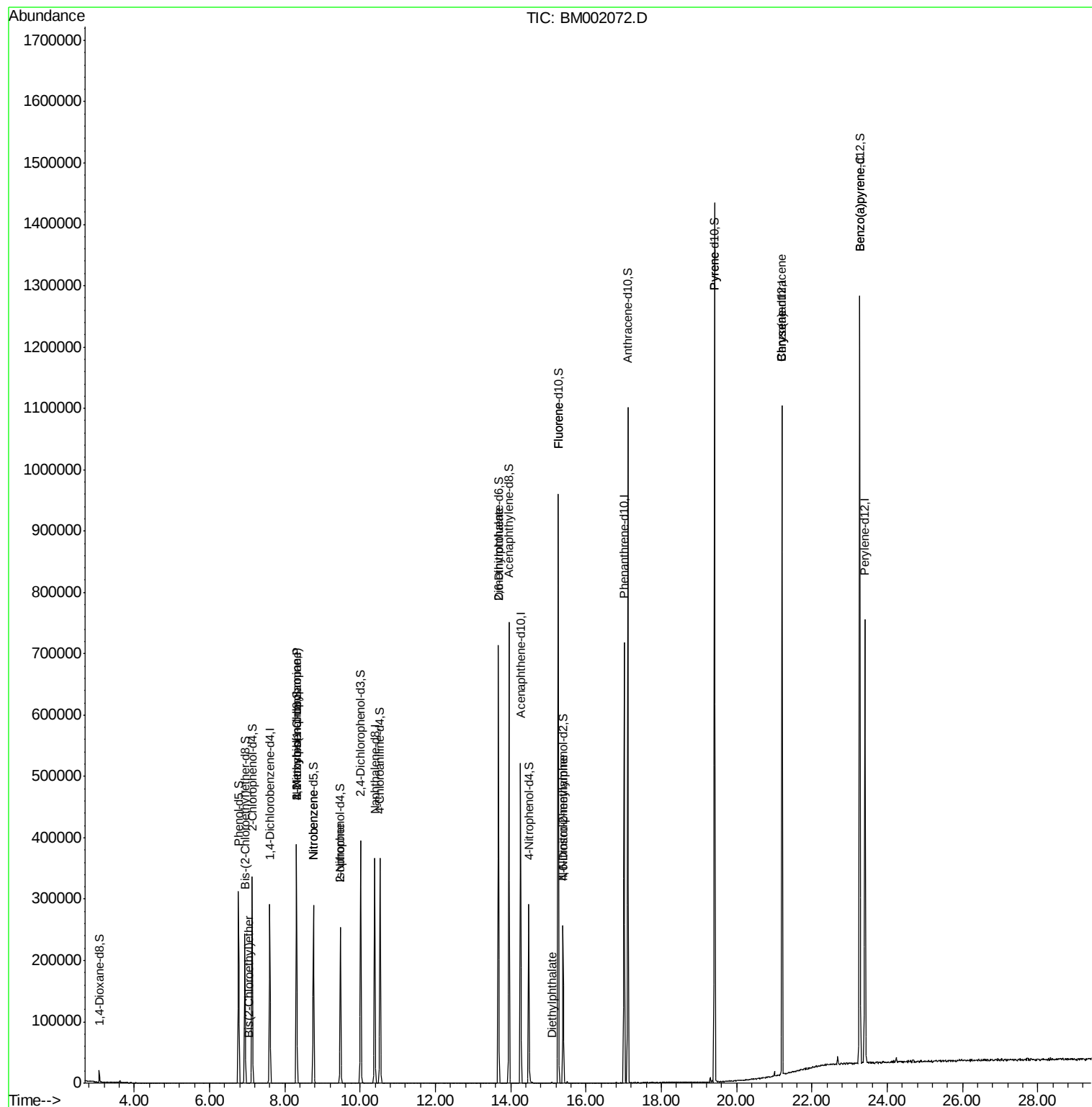
						Qvalue
8) Bis(2-Chloroethyl)ether	7.03	93	543	0.12	ng/ul#	26
12) 2,2'-oxybis(1-Chloropropan	8.30	45	629	0.14	ng/ul#	56
15) N-Nitroso-di-n-propylamine	8.30	70	3351	0.97	ng/ul#	1
20) Nitrobenzene	8.76	77	513	0.10	ng/ul#	37
21) Isophorone	9.47	82	6476	0.72	ng/ul#	68
46) 2,6-Dinitrotoluene	13.67	165	2998	1.13	ng/ul#	35
57) Diethylphthalate	15.09	149	767	0.06	ng/ul#	58
59) Fluorene	15.26	166	637	0.05	ng/ul#	4
65) N-Nitrosodiphenylamine	15.39	169	287	0.02	ng/ul#	1
80) Pyrene	19.42	202	898	0.03	ng/ul#	1
83) Benzo(a)anthracene	21.21	228	1168	0.04	ng/ul#	53
85) Chrysene	21.21	228	1168	0.04	ng/ul#	51
91) Benzo(a)pyrene	23.26	252	2497	0.09	ng/ul#	59

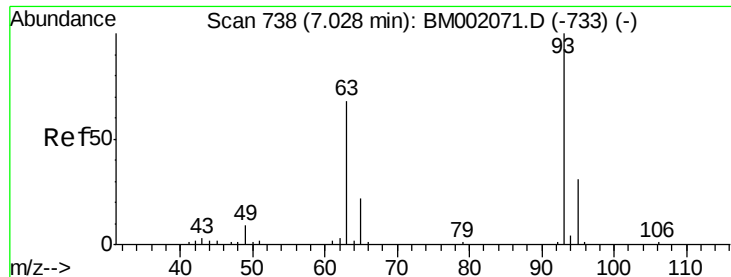
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 05:22:06 2015
Response via : Initial Calibration





#8

Bis(2-Chloroethyl)ether

Concen: 0.12 ng/ul

RT: 7.03 min Scan# 738

Delta R.T. 0.00 min

Lab File: BM002072.D

Acq: 27 Jul 2015 22:53

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

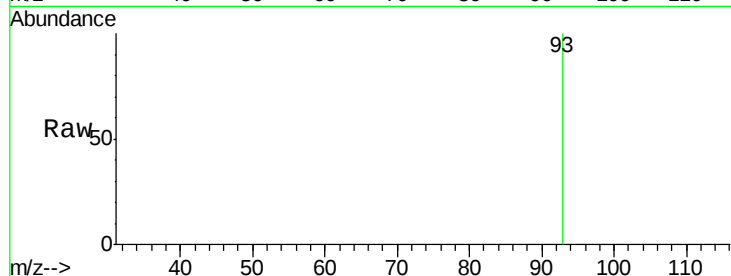
Tgt Ion: 93 Resp: 543

Ion Ratio Lower Upper

93 100

63 0.0 51.5 77.3#

95 0.0 27.0 40.4#



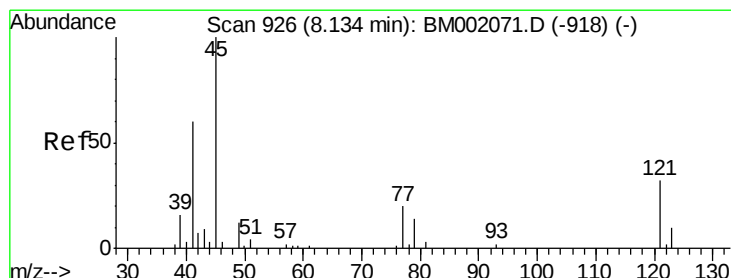
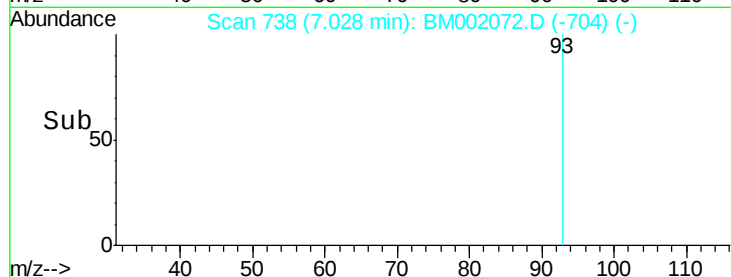
Abundance Ion 93.00 (92.70 to 93.70): BM002071.D (-733) (-)

Ion 63.00 (62.70 to 63.70): BM002071.D (-733) (-)

Ion 95.00 (94.70 to 95.70): BM002071.D (-733) (-)

Time-->

7.02 7.03 7.04



#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.14 ng/ul

RT: 8.30 min Scan# 955

Delta R.T. 0.17 min

Lab File: BM002072.D

Acq: 27 Jul 2015 22:53

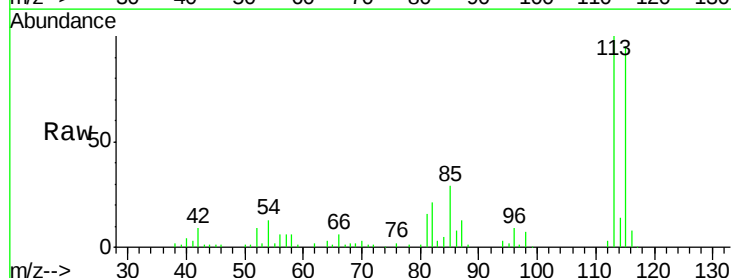
Tgt Ion: 45 Resp: 629

Ion Ratio Lower Upper

45 100

77 0.0 18.0 27.0#

79 0.0 13.9 20.9#



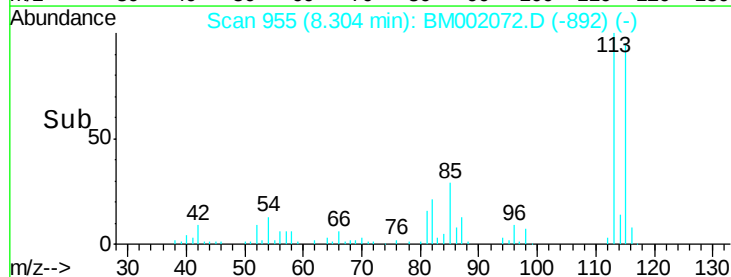
Abundance Ion 45.00 (44.70 to 45.70): BM002071.D (-918) (-)

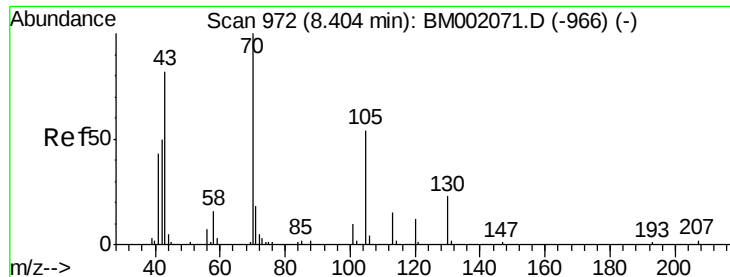
Ion 77.00 (76.70 to 77.70): BM002071.D (-918) (-)

Ion 79.00 (78.70 to 79.70): BM002071.D (-918) (-)

Time-->

8.29 8.30 8.31





#15

N-Nitroso-di-n-propylamine

Concen: 0.97 ng/ul

RT: 8.30 min Scan# 955

Delta R.T. -0.10 min

Lab File: BM002072.D

Acq: 27 Jul 2015 22:53

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

Tgt Ion: 70 Resp: 3351

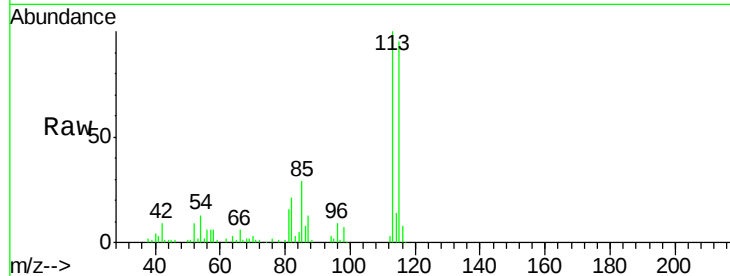
Ion Ratio Lower Upper

70 100

42 338.0 39.2 58.8#

101 0.0 8.6 12.8#

130 0.0 20.2 30.4#

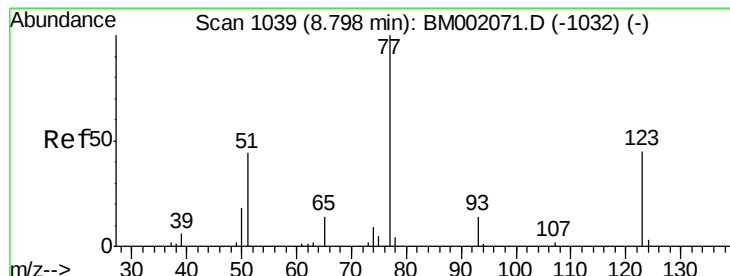
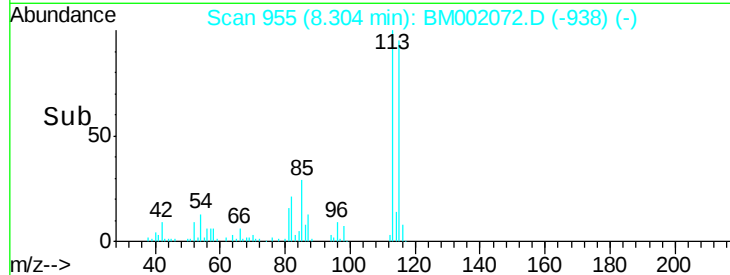
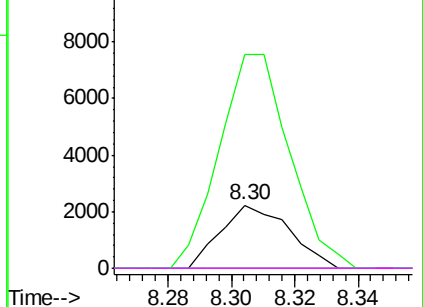


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 0.10 ng/ul

RT: 8.76 min Scan# 1033

Delta R.T. -0.04 min

Lab File: BM002072.D

Acq: 27 Jul 2015 22:53

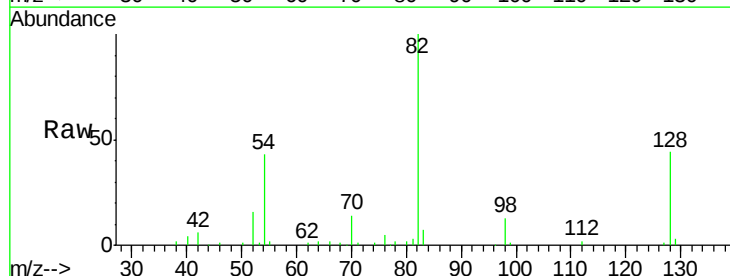
Tgt Ion: 77 Resp: 513

Ion Ratio Lower Upper

77 100

123 0.0 39.0 58.4#

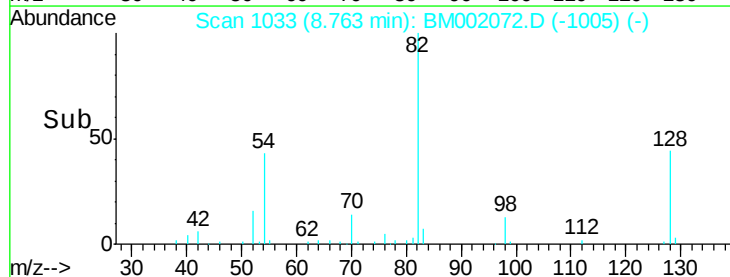
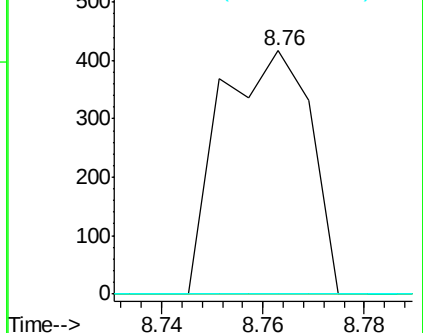
65 0.0 10.4 15.6#

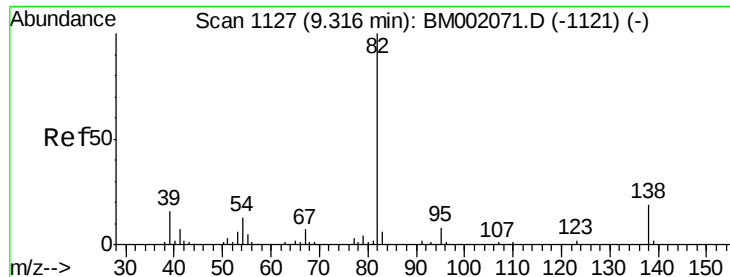


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 0.72 ng/ul

RT: 9.47 min Scan# 1154

Delta R.T. 0.16 min

Lab File: BM002072.D

Acq: 27 Jul 2015 22:53

Instrument :

BNA_M

ClientSampled :

MDL-BLK-W

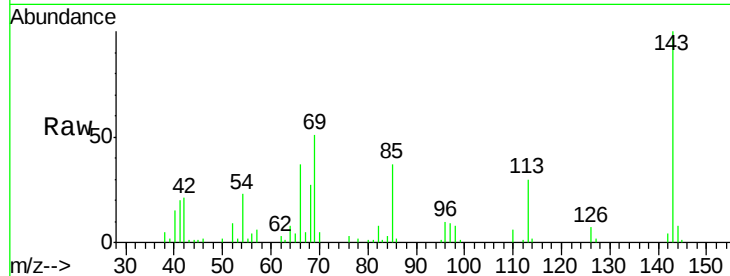
Tgt Ion: 82 Resp: 6476

Ion Ratio Lower Upper

82 100

95 10.0 6.5 9.7#

138 0.0 15.4 23.2#

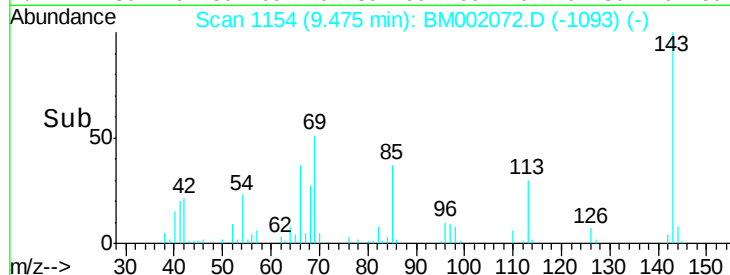


Abundance Ion 82.00 (81.70 to 82.70): BM002071.D (-1121) (-)

Ion 95.00 (94.70 to 95.70): BM002071.D (-1121) (-)

Ion 138.00 (137.70 to 138.70): BM002071.D (-1121) (-)

Time-->

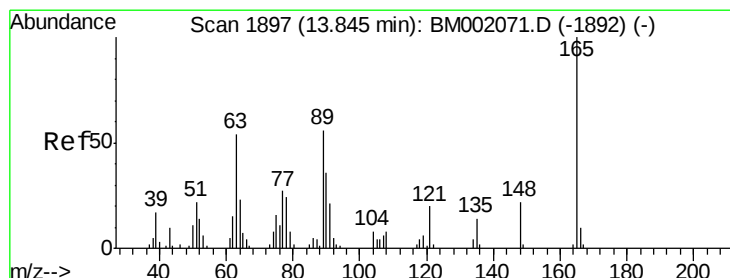


Abundance Ion 82.00 (81.70 to 82.70): BM002071.D (-1121) (-)

Ion 95.00 (94.70 to 95.70): BM002071.D (-1121) (-)

Ion 138.00 (137.70 to 138.70): BM002071.D (-1121) (-)

Time-->



#46

2,6-Dinitrotoluene

Concen: 1.13 ng/ul

RT: 13.67 min Scan# 1868

Delta R.T. -0.17 min

Lab File: BM002072.D

Acq: 27 Jul 2015 22:53

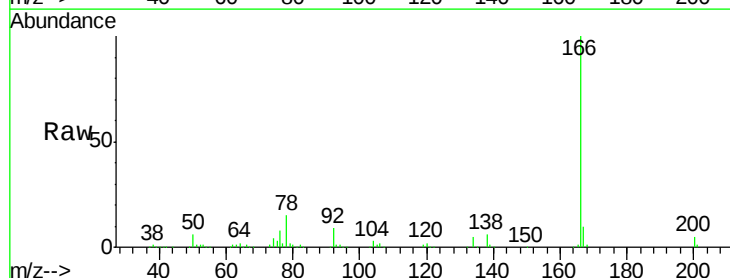
Tgt Ion: 165 Resp: 2998

Ion Ratio Lower Upper

165 100

89 0.0 42.7 64.1#

121 35.4 14.8 22.2#

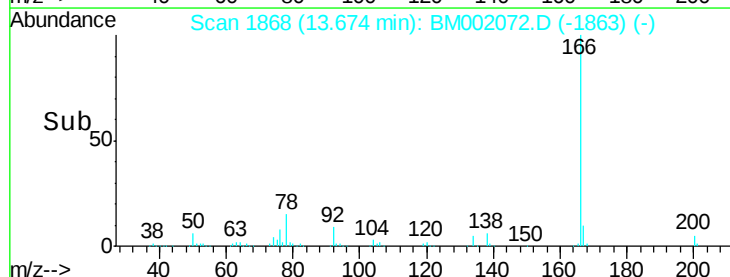


Abundance Ion 165.00 (164.70 to 165.70): BM002071.D (-1892) (-)

Ion 89.00 (88.70 to 89.70): BM002071.D (-1892) (-)

Ion 121.00 (120.70 to 121.70): BM002071.D (-1892) (-)

Time-->

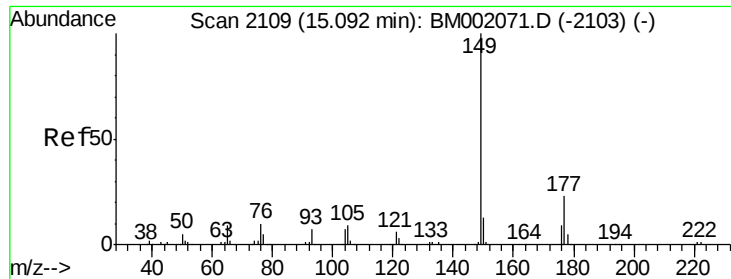


Abundance Ion 165.00 (164.70 to 165.70): BM002071.D (-1892) (-)

Ion 89.00 (88.70 to 89.70): BM002071.D (-1892) (-)

Ion 121.00 (120.70 to 121.70): BM002071.D (-1892) (-)

Time-->



#57

Diethylphthalate

Concen: 0.06 ng/ul

RT: 15.09 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BM002072.D

Acq: 27 Jul 2015 22:53

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

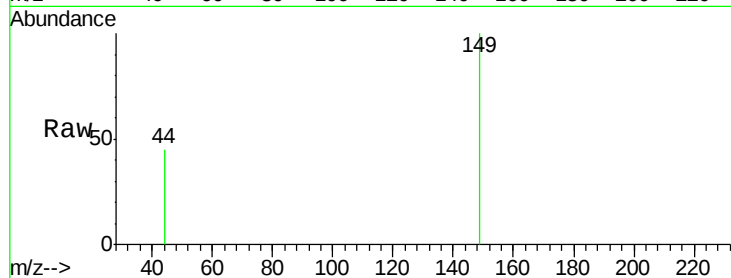
Tgt Ion:149 Resp: 767

Ion Ratio Lower Upper

149 100

177 0.0 18.4 27.6#

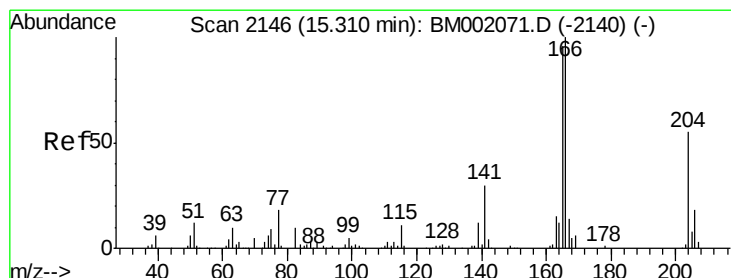
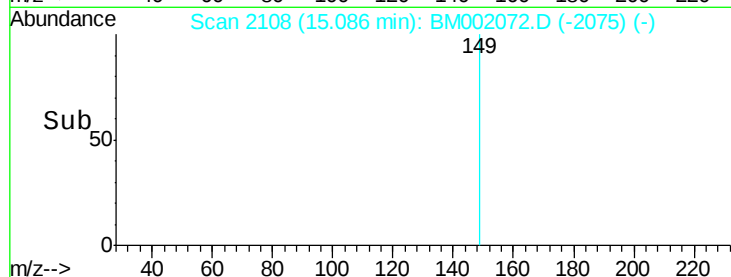
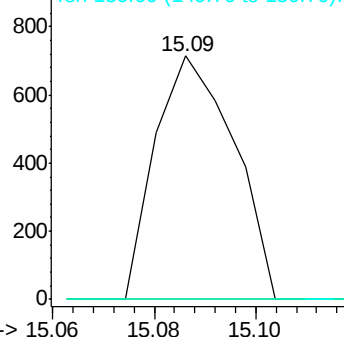
150 0.0 10.1 15.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#59

Fluorene

Concen: 0.05 ng/ul

RT: 15.26 min Scan# 2137

Delta R.T. -0.05 min

Lab File: BM002072.D

Acq: 27 Jul 2015 22:53

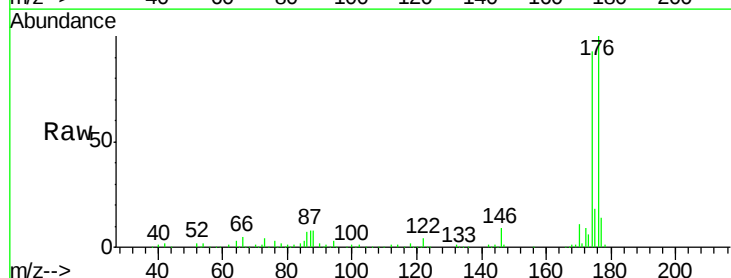
Tgt Ion:166 Resp: 637

Ion Ratio Lower Upper

166 100

165 0.0 75.6 113.4#

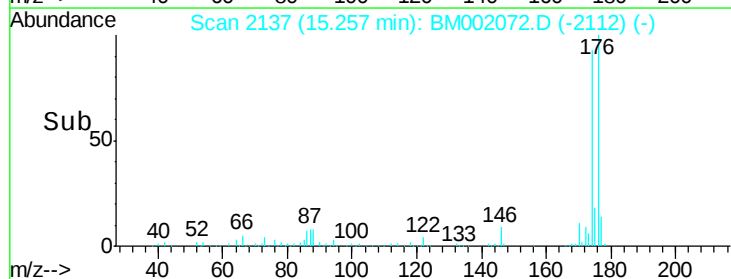
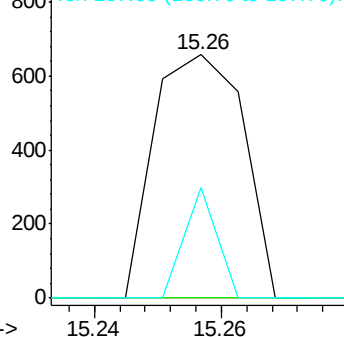
167 45.6 10.5 15.7#

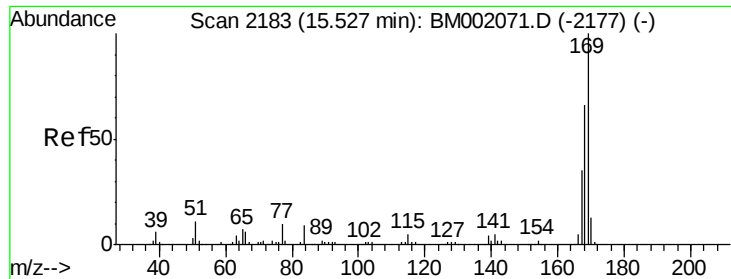


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#65

N-Nitrosodiphenylamine

Concen: 0.02 ng/ul

RT: 15.39 min Scan# 2160

Delta R.T. -0.14 min

Lab File: BM002072.D

Acq: 27 Jul 2015 22:53

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

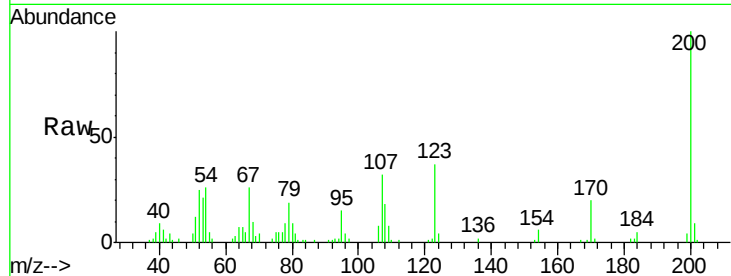
Tgt Ion:169 Resp: 287

Ion Ratio Lower Upper

169 100

168 0.0 52.6 79.0#

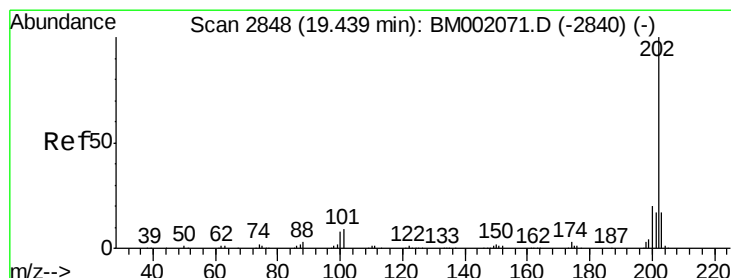
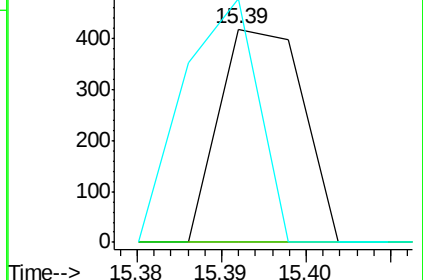
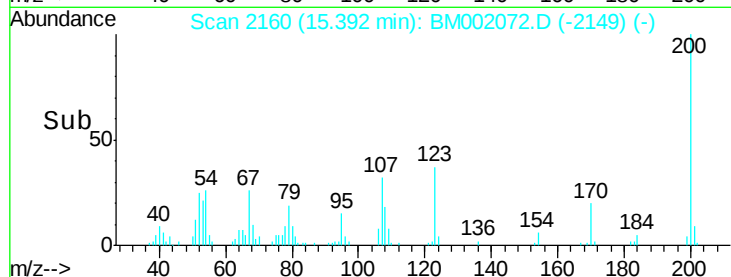
167 114.4 27.8 41.6#



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: BM002072.D

Acq: 27 Jul 2015 22:53

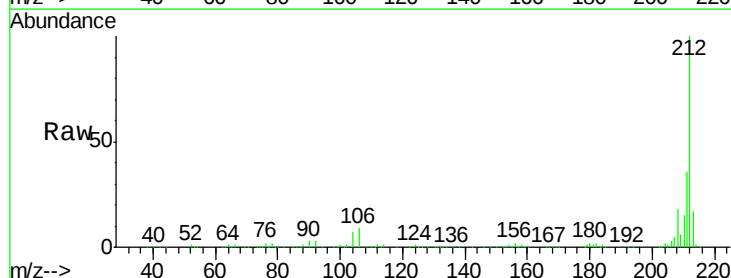
Tgt Ion:202 Resp: 898

Ion Ratio Lower Upper

202 100

101 139.1 7.4 11.2#

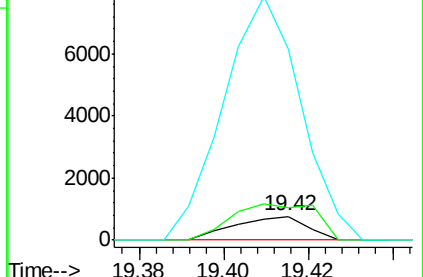
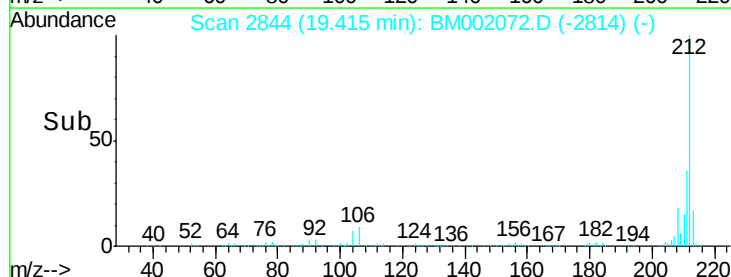
100 812.4 6.3 9.5#

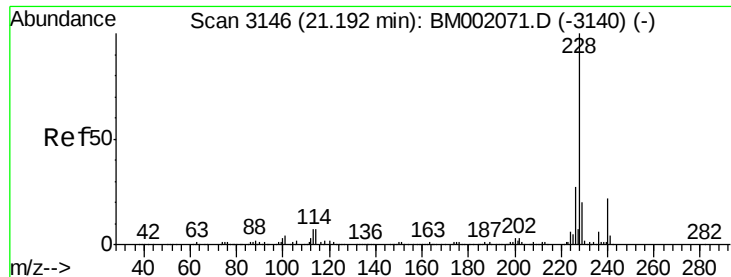


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.21 min Scan# 3149

Delta R.T. 0.02 min

Lab File: BM002072.D

Acq: 27 Jul 2015 22:53

Instrument :

BNA_M

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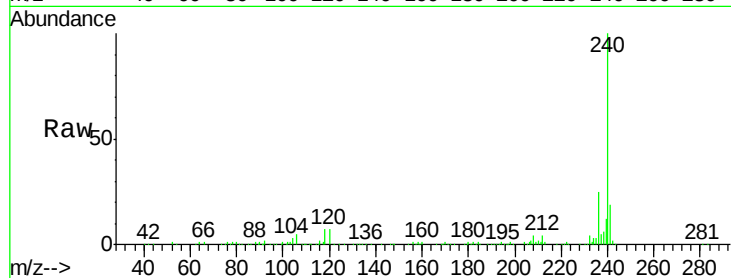
Tgt Ion:228 Resp: 1168

Ion Ratio Lower Upper

228 100

229 0.0 15.4 23.2#

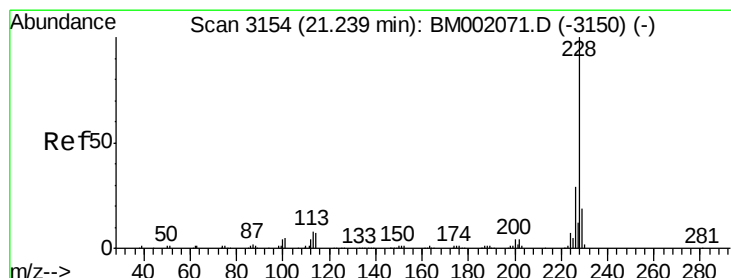
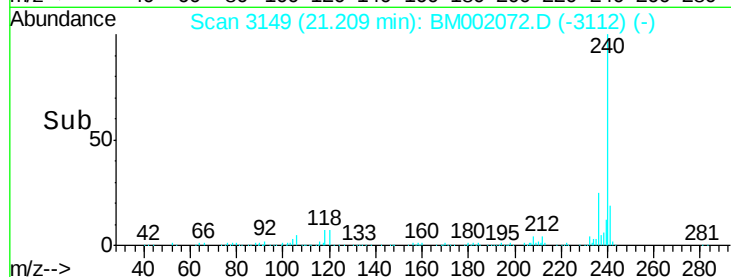
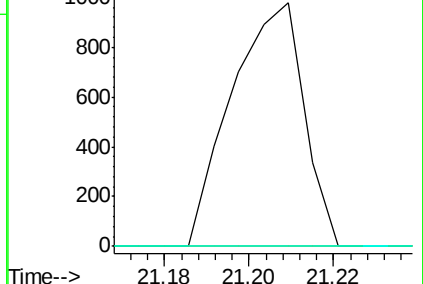
226 0.0 20.5 30.7#



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



#85

Chrysene

Concen: 0.04 ng/ul

RT: 21.21 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BM002072.D

Acq: 27 Jul 2015 22:53

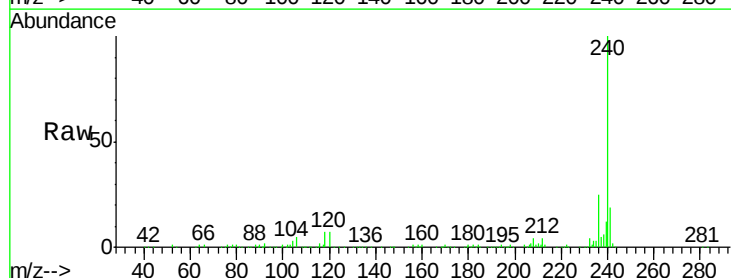
Tgt Ion:228 Resp: 1168

Ion Ratio Lower Upper

228 100

226 0.0 22.3 33.5#

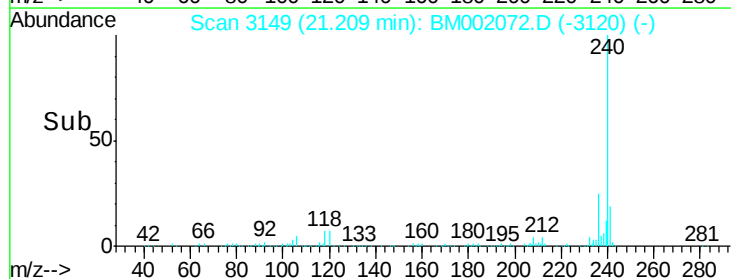
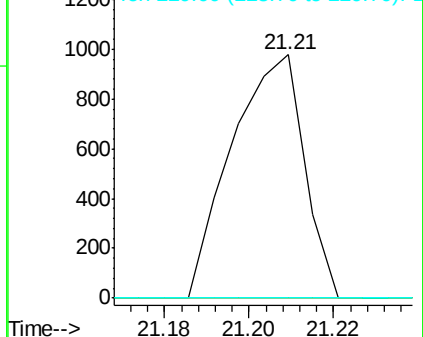
229 0.0 15.5 23.3#

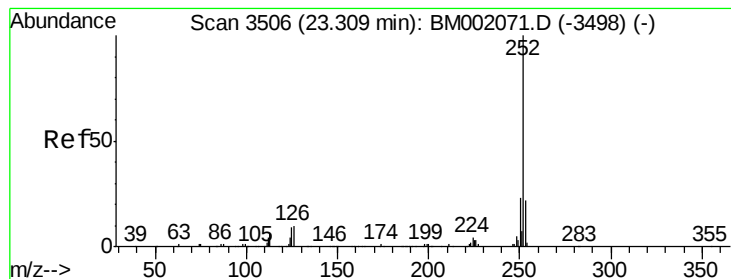


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#91

Benzo(a)pyrene

Concen: 0.09 ng/ul

RT: 23.26 min Scan# 3498

Delta R.T. -0.05 min

Lab File: BM002072.D

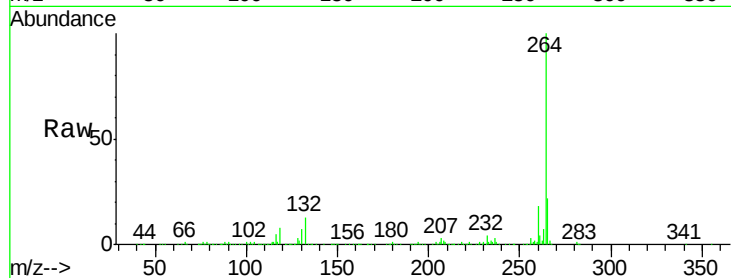
Acq: 27 Jul 2015 22:53

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W



Tgt Ion:	252	Resp:	2497
Ion	Ratio	Lower	Upper
252	100		
253	38.7	17.2	25.8#
125	27.4	6.6	10.0#

