

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
 Data File : BM002066.D
 Acq On : 27 Jul 2015 17:59
 Operator : UM/HP
 Sample : MDL-03-S
 Misc : MDL-SOIL-SVOC-4PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S

Quant Time: Jul 28 04:15:58 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	93461	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	362733	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	215369	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	493644	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	591880	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	599514	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	10234	5.67	ng/uL	0.00
5) Phenol-d5	6.77	99	188011	28.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	107759	29.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	164042	28.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	152938	28.79	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	75644	29.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	87607	30.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	156312	28.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	208574	34.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	479469	30.39	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	576656	29.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	73105	27.76	ng/ul	0.00
58) Fluorene-d10	15.26	176	415704	29.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	62965	20.85	ng/ul	0.00
71) Anthracene-d10	17.11	188	662563	30.07	ng/ul	0.00
79) Pyrene-d10	19.41	212	741682	29.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	876175	30.15	ng/ul	0.00

Target Compounds

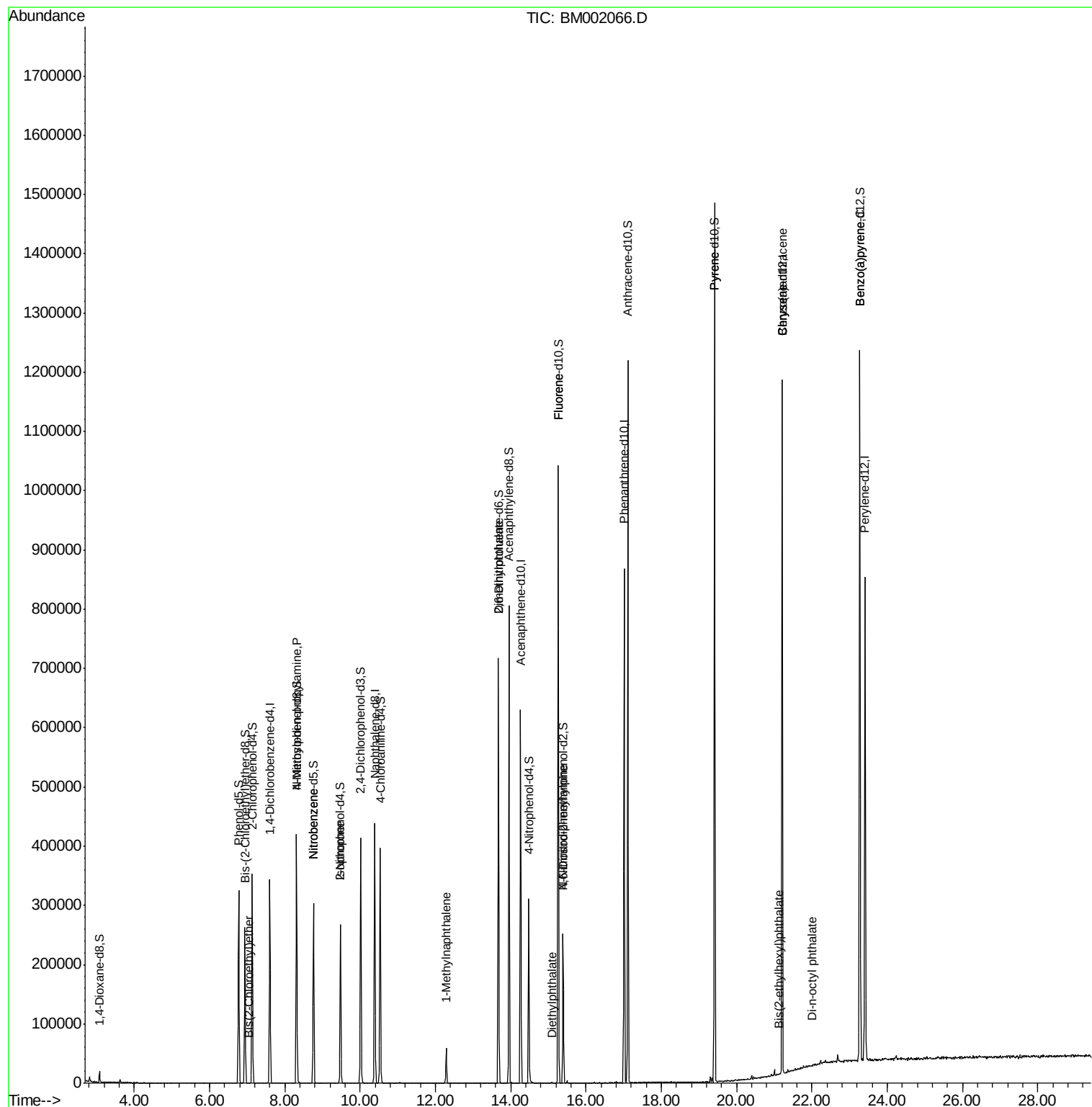
						Qvalue
8) Bis(2-Chloroethyl)ether	7.03	93	424	0.08	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.31	70	3625	0.89	ng/ul#	1
20) Nitrobenzene	8.76	77	568	0.09	ng/ul#	37
21) Isophorone	9.47	82	6948	0.64	ng/ul#	67
35) 1-Methylnaphthalene	12.28	142	29946	2.48	ng/ul	97
46) 2,6-Dinitrotoluene	13.68	165	3023	0.94	ng/ul#	41
57) Diethylphthalate	15.09	149	850	0.05	ng/ul#	58
59) Fluorene	15.26	166	755	0.05	ng/ul#	10
65) N-Nitrosodiphenylamine	15.40	169	247	0.02	ng/ul#	25
80) Pyrene	19.41	202	896	0.03	ng/ul#	1
83) Benzo(a)anthracene	21.20	228	1252	0.04	ng/ul#	63
84) Bis(2-ethylhexyl)phthalate	21.12	149	584	0.03	ng/ul#	51
85) Chrysene	21.20	228	1252	0.04	ng/ul#	61
87) Di-n-octyl phthalate	21.99	149	286	0.01	ng/ul	100
91) Benzo(a)pyrene	23.27	252	2500	0.08	ng/ul#	57

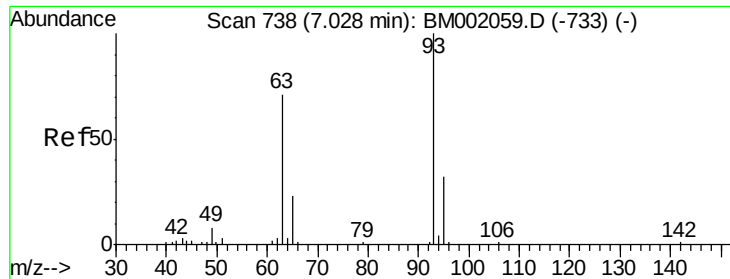
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Bis(2-Chloroethyl)ether

Concen: 0.08 ng/ul

RT: 7.03 min Scan# 739

Delta R.T. 0.01 min

Lab File: BM002066.D

Acq: 27 Jul 2015 17:59

Instrument :

BNA_M

ClientSampleId :

MDL-03-S

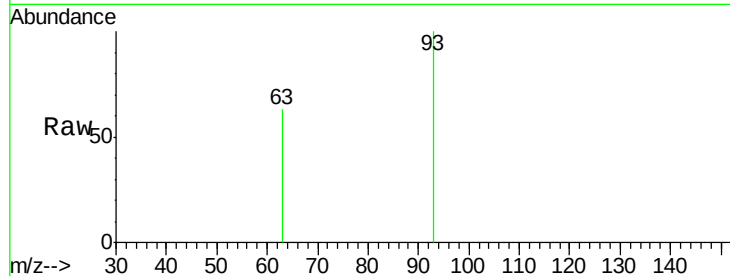
Tgt Ion: 93 Resp: 424

Ion Ratio Lower Upper

93 100

63 62.5 51.5 77.3

95 0.0 27.0 40.4#

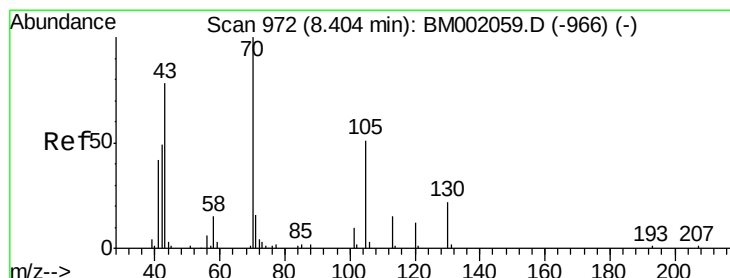
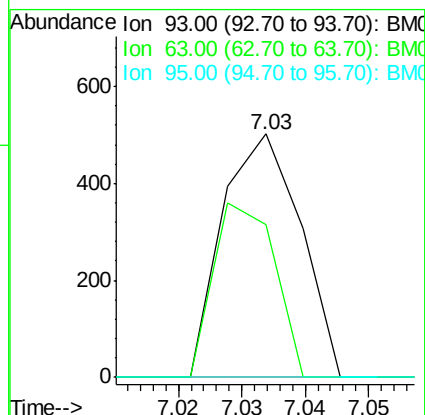
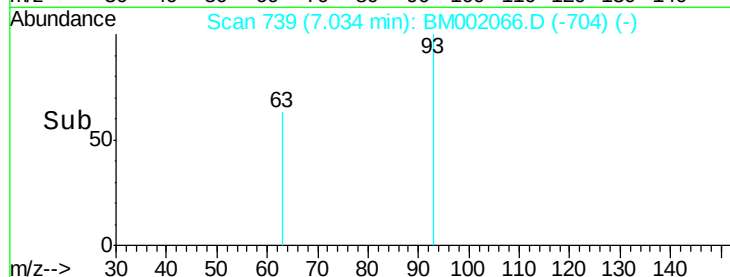


Abundance Ion 93.00 (92.70 to 93.70): BM002059.D (-733) (-)

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: 0.89 ng/ul

RT: 8.31 min Scan# 956

Delta R.T. -0.09 min

Lab File: BM002066.D

Acq: 27 Jul 2015 17:59

Tgt Ion: 70 Resp: 3625

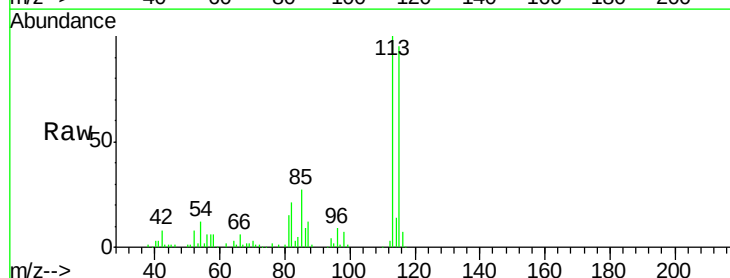
Ion Ratio Lower Upper

70 100

42 336.0 39.2 58.8#

101 0.0 8.6 12.8#

130 0.0 20.2 30.4#



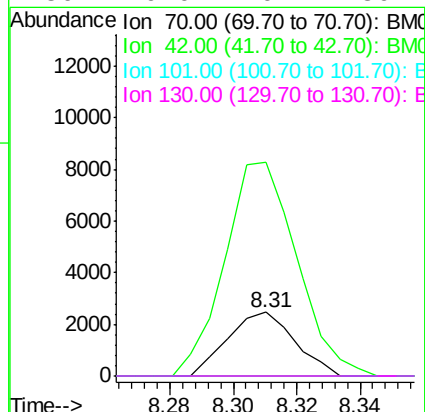
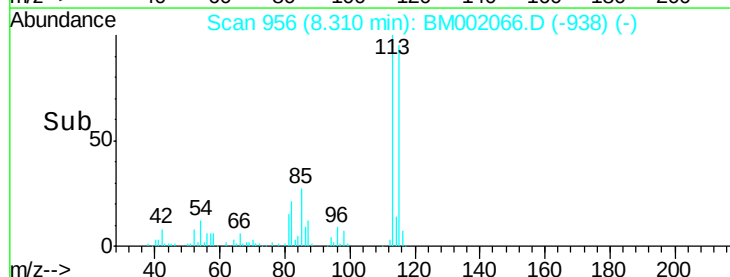
Abundance Ion 70.00 (69.70 to 70.70): BM002059.D (-966) (-)

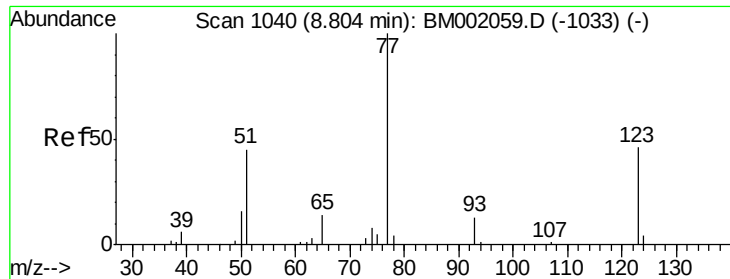
Ion 42.00 (41.70 to 42.70): BM002059.D (-966) (-)

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

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

Time-->

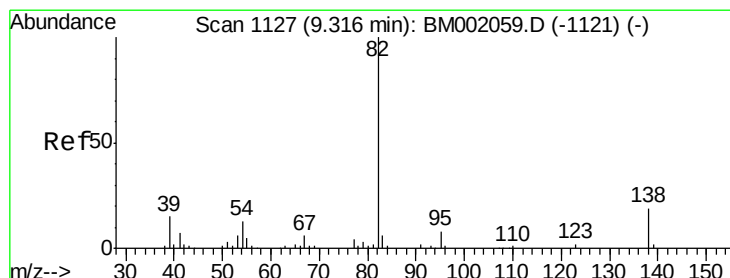
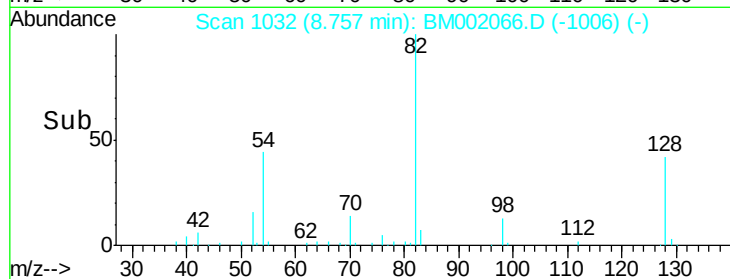
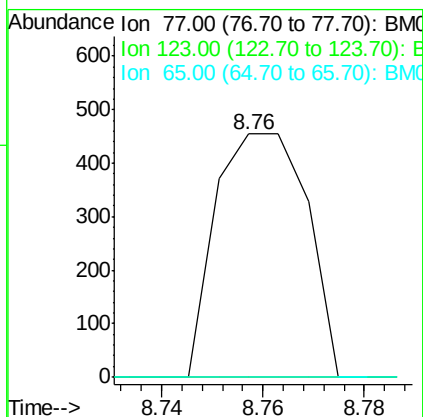
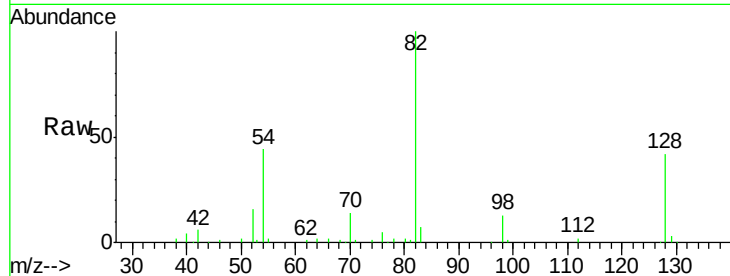




#20
Nitrobenzene
Concen: 0.09 ng/ul
RT: 8.76 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BM002066.D
Acq: 27 Jul 2015 17:59

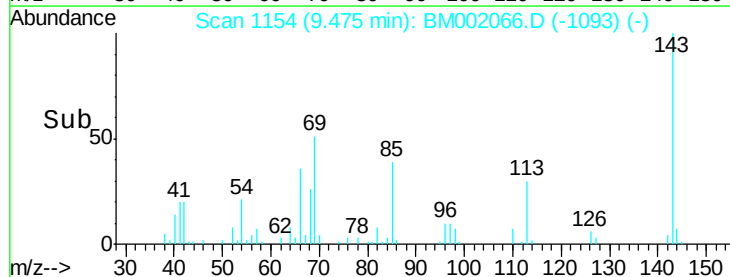
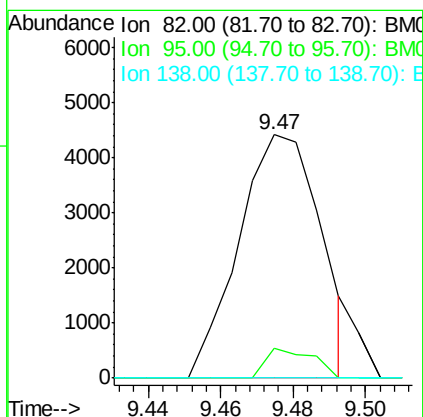
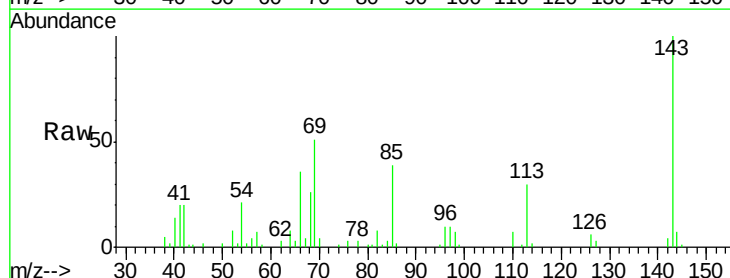
Instrument :
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ClientSampleId :
MDL-03-S

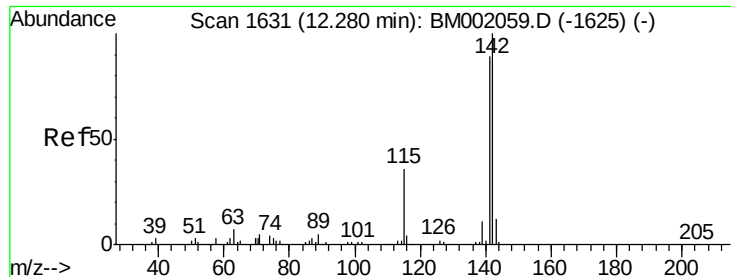
Tgt Ion: 77 Resp: 568
Ion Ratio Lower Upper
77 100
123 0.0 39.0 58.4#
65 0.0 10.4 15.6#



#21
Isophorone
Concen: 0.64 ng/ul
RT: 9.47 min Scan# 1154
Delta R.T. 0.16 min
Lab File: BM002066.D
Acq: 27 Jul 2015 17:59

Tgt Ion: 82 Resp: 6948
Ion Ratio Lower Upper
82 100
95 12.3 6.5 9.7#
138 0.0 15.4 23.2#

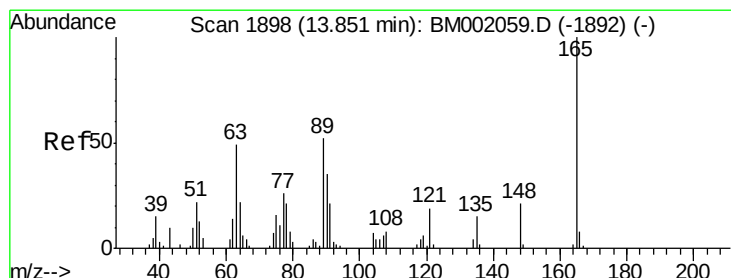
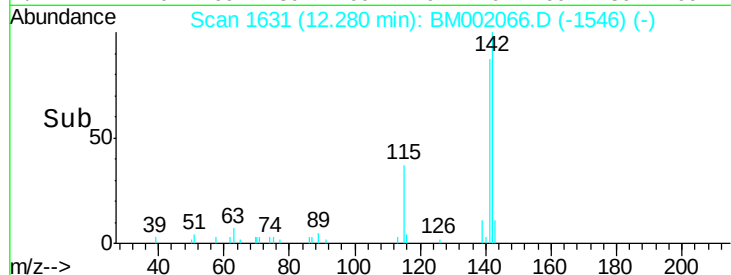
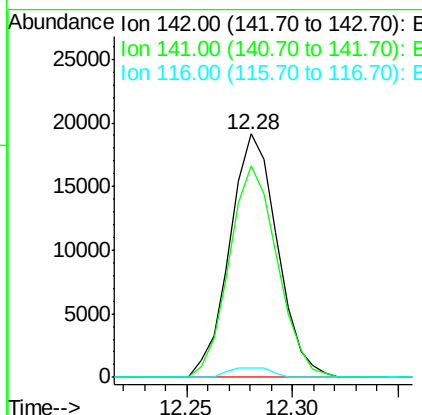
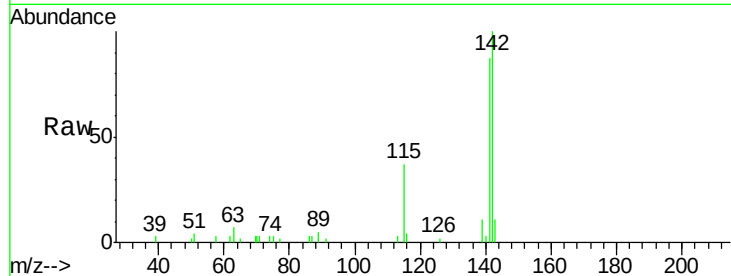




#35
 1-Methylnaphthalene
 Concen: 2.48 ng/ul
 RT: 12.28 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BM002066.D
 Acq: 27 Jul 2015 17:59

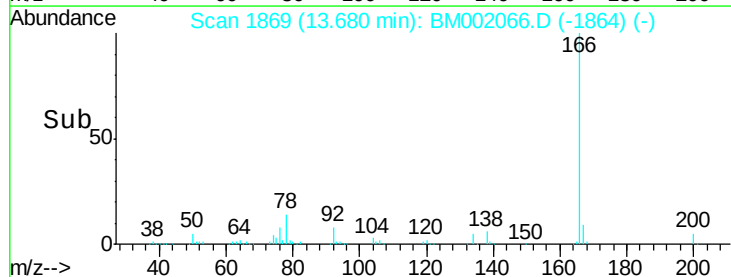
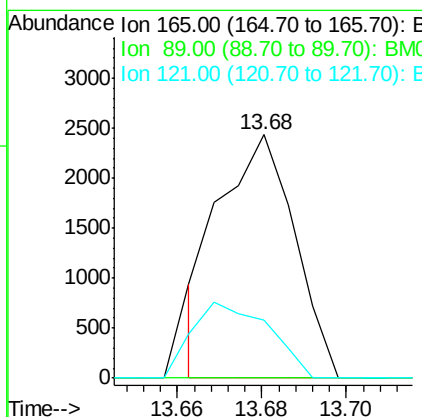
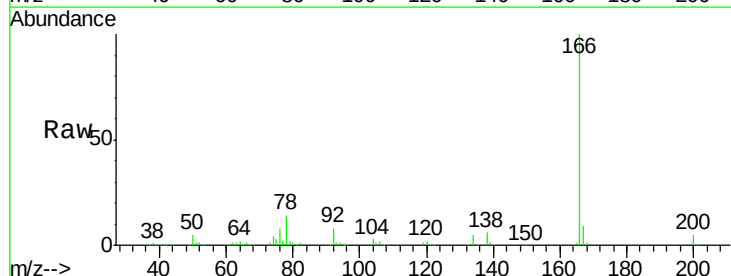
Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S

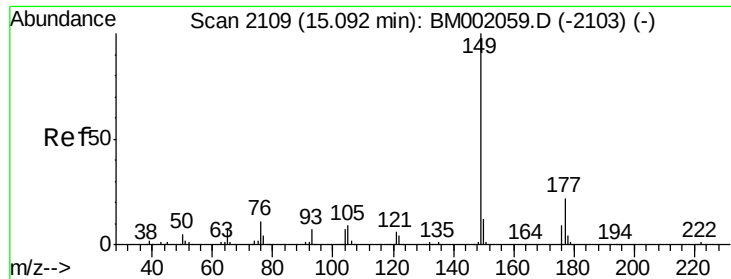
Tgt Ion:142 Resp: 29946
 Ion Ratio Lower Upper
 142 100
 141 87.2 72.4 108.6
 116 4.0 3.2 4.8



#46
 2,6-Dinitrotoluene
 Concen: 0.94 ng/ul
 RT: 13.68 min Scan# 1869
 Delta R.T. -0.17 min
 Lab File: BM002066.D
 Acq: 27 Jul 2015 17:59

Tgt Ion:165 Resp: 3023
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.7 64.1#
 121 23.7 14.8 22.2#





#57

Diethylphthalate

Concen: 0.05 ng/ul

RT: 15.09 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BM002066.D

Acq: 27 Jul 2015 17:59

Instrument :

BNA_M

ClientSampleId :

MDL-03-S

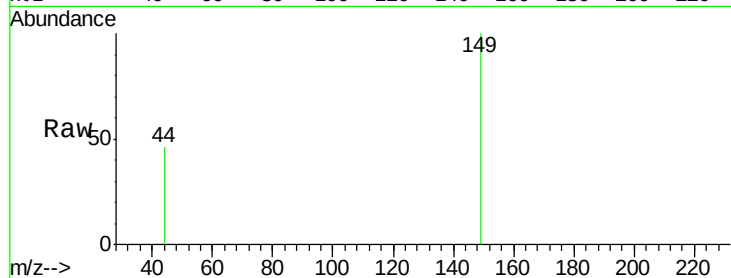
Tgt Ion:149 Resp: 850

Ion Ratio Lower Upper

149 100

177 0.0 18.4 27.6#

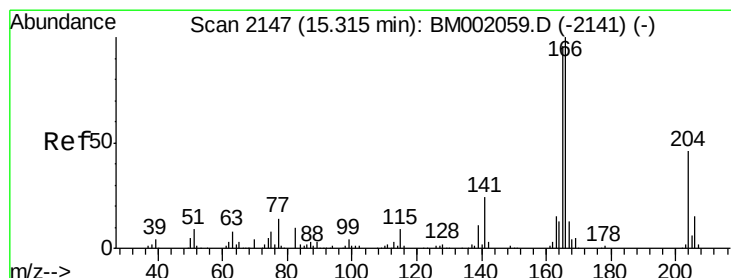
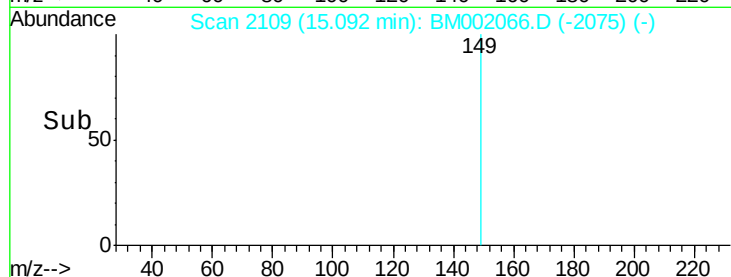
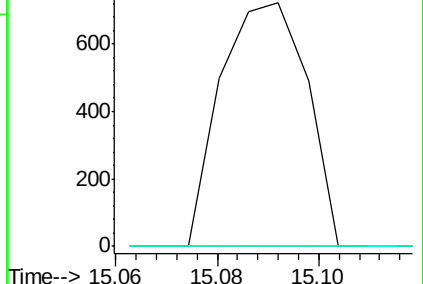
150 0.0 10.1 15.1#



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# 2138

Delta R.T. -0.05 min

Lab File: BM002066.D

Acq: 27 Jul 2015 17:59

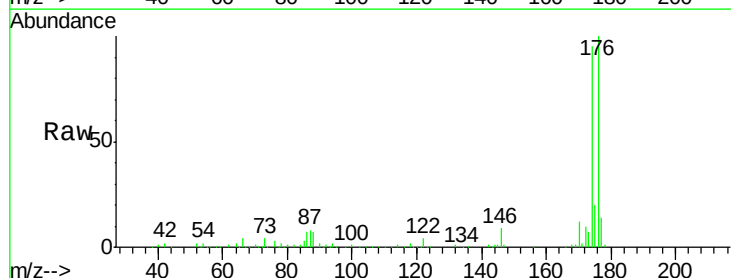
Tgt Ion:166 Resp: 755

Ion Ratio Lower Upper

166 100

165 0.0 75.6 113.4#

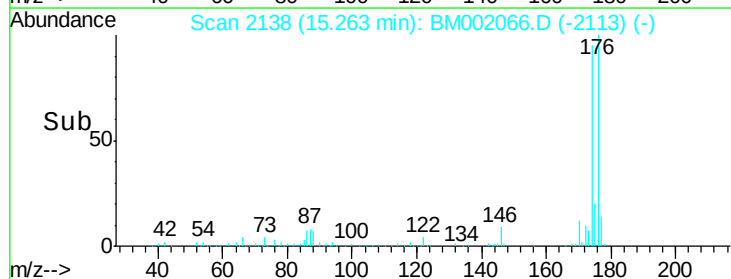
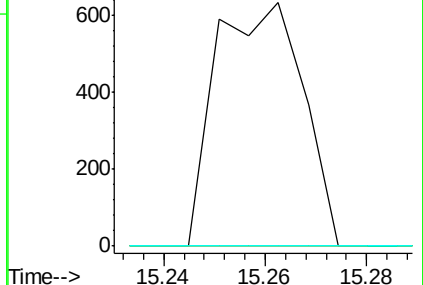
167 0.0 10.5 15.7#

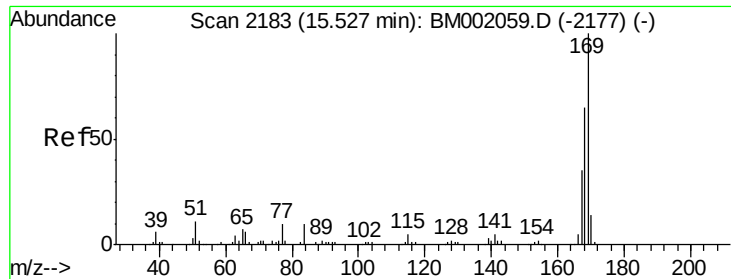


Abundance Ion 166.00 (165.70 to 166.70): E

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: 15.40 min Scan# 2161

Delta R.T. -0.13 min

Lab File: BM002066.D

Acq: 27 Jul 2015 17:59

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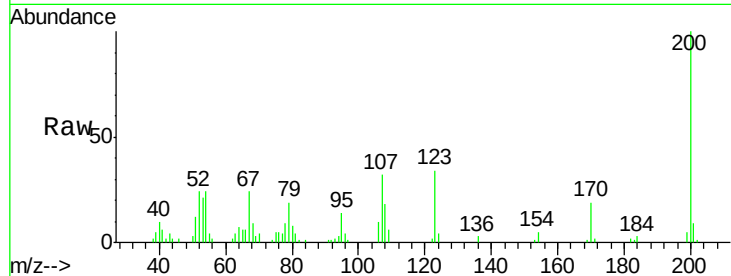
Tgt Ion:169 Resp: 247

Ion Ratio Lower Upper

169 100

168 0.0 52.6 79.0#

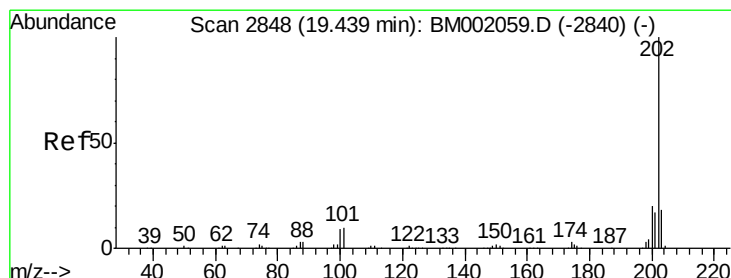
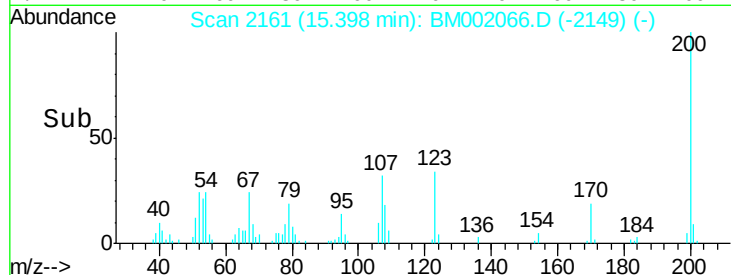
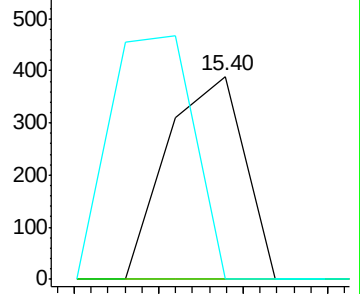
167 0.0 27.8 41.6#



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: 19.41 min Scan# 2843

Delta R.T. -0.03 min

Lab File: BM002066.D

Acq: 27 Jul 2015 17:59

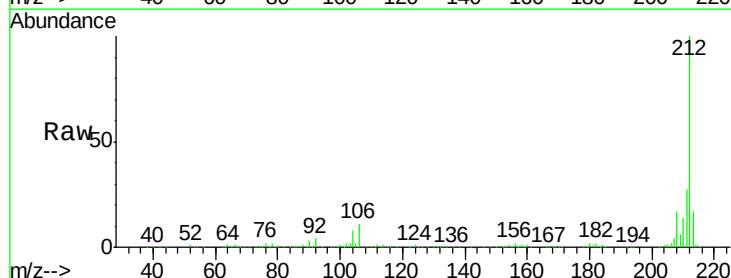
Tgt Ion:202 Resp: 896

Ion Ratio Lower Upper

202 100

101 142.4 7.4 11.2#

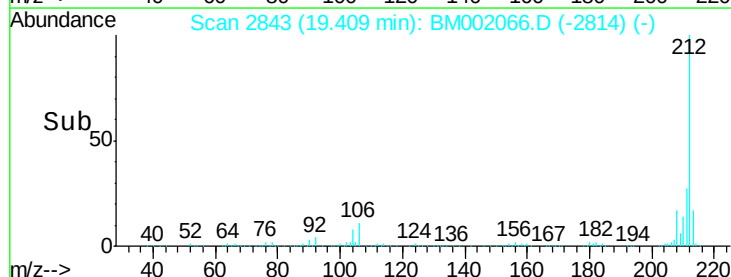
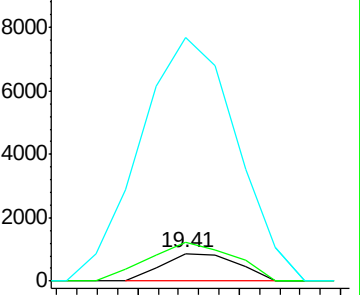
100 892.5 6.3 9.5#

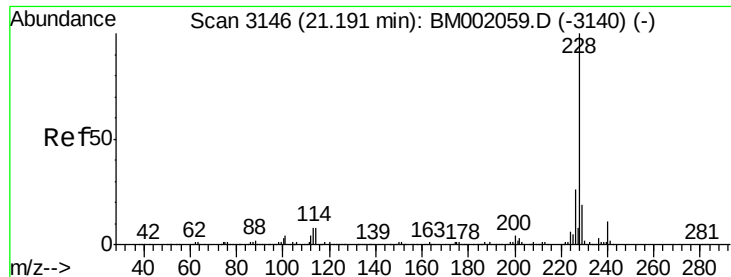


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.20 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BM002066.D

Acq: 27 Jul 2015 17:59

Instrument :

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ClientSampled :

MDL-03-S

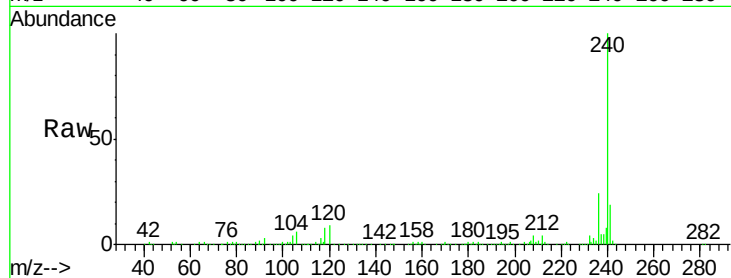
Tgt Ion:228 Resp: 1252

Ion Ratio Lower Upper

228 100

229 28.1 15.4 23.2#

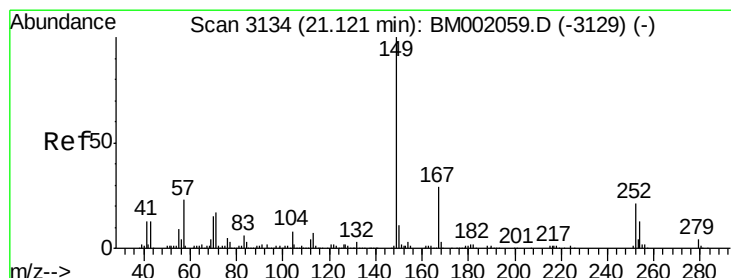
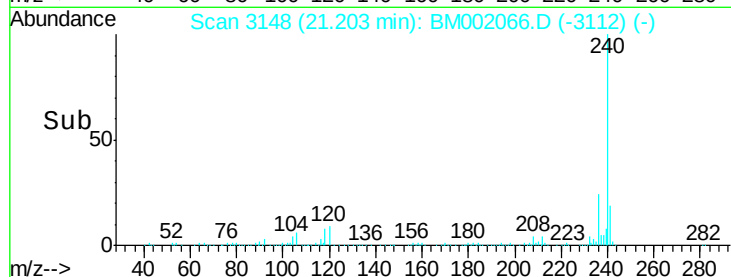
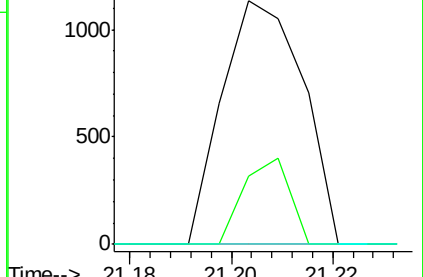
226 0.0 20.5 30.7#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.03 ng/ul

RT: 21.12 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BM002066.D

Acq: 27 Jul 2015 17:59

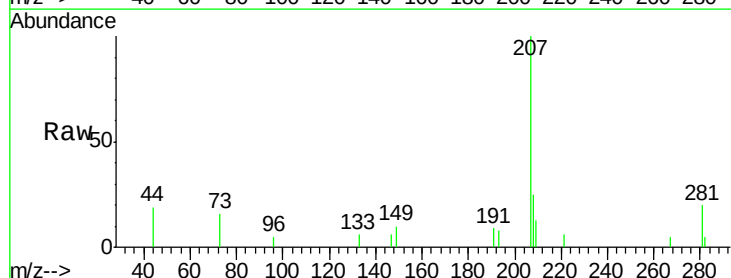
Tgt Ion:149 Resp: 584

Ion Ratio Lower Upper

149 100

167 0.0 23.6 35.4#

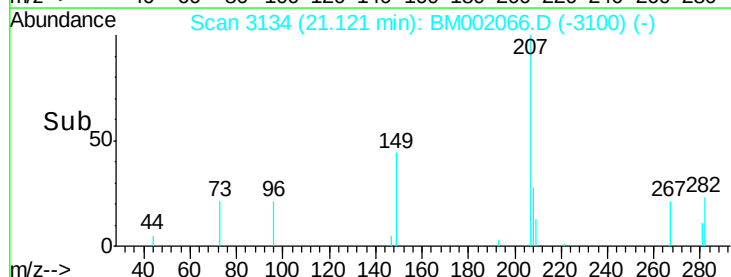
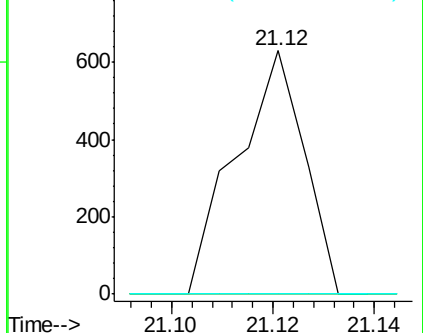
279 0.0 4.2 6.4#

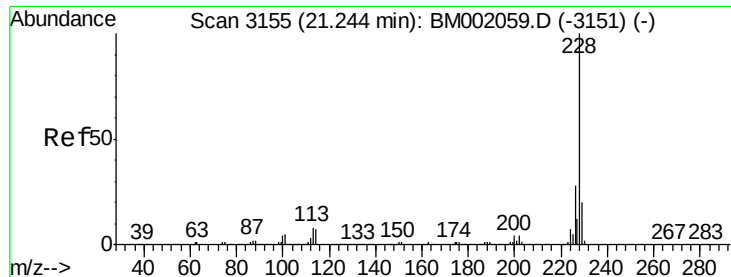


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 0.04 ng/ul

RT: 21.20 min Scan# 3148

Delta R.T. -0.04 min

Lab File: BM002066.D

Acq: 27 Jul 2015 17:59

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ClientSampleId :

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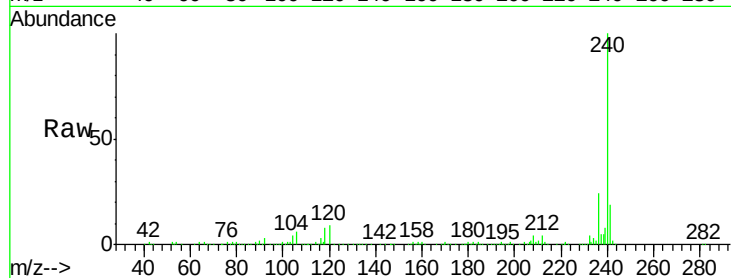
Tgt Ion:228 Resp: 1252

Ion Ratio Lower Upper

228 100

226 0.0 22.3 33.5#

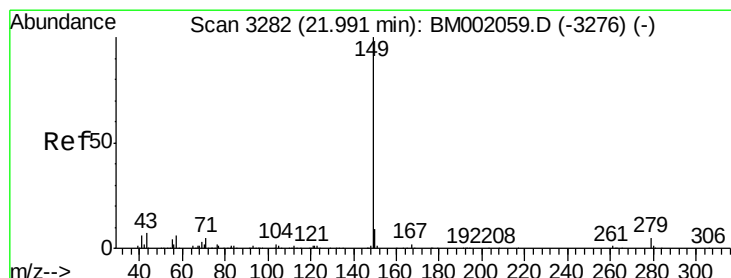
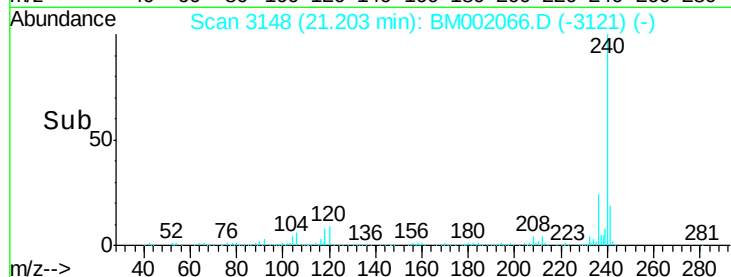
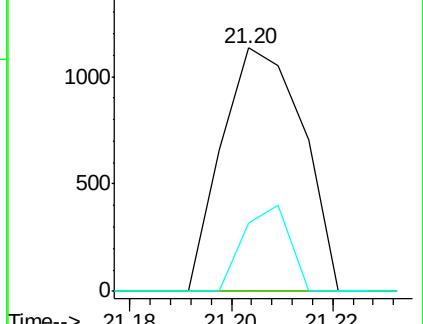
229 28.1 15.5 23.3#



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



#87

Di-n-octyl phthalate

Concen: 0.01 ng/ul

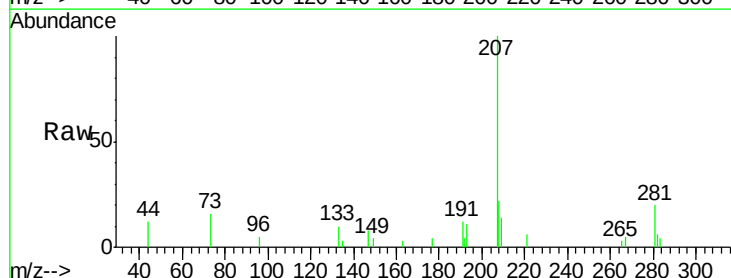
RT: 21.99 min Scan# 3281

Delta R.T. -0.01 min

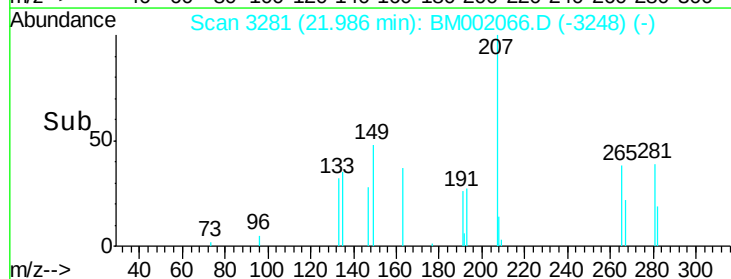
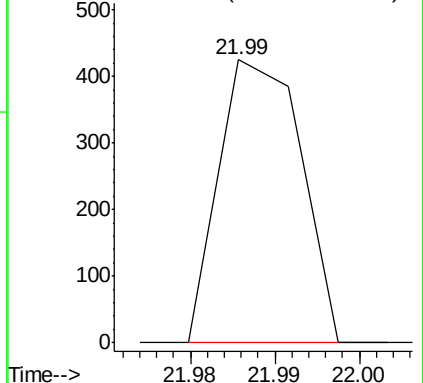
Lab File: BM002066.D

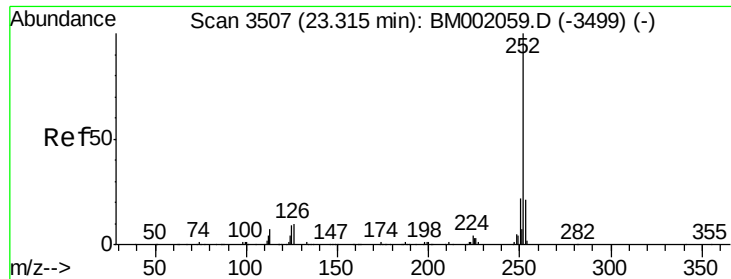
Acq: 27 Jul 2015 17:59

Tgt Ion:149 Resp: 286



Abundance Ion 149.00 (148.70 to 149.70): E





#91

Benzo(a)pyrene

Concen: 0.08 ng/ul

RT: 23.27 min Scan# 3500

Delta R.T. -0.04 min

Lab File: BM002066.D

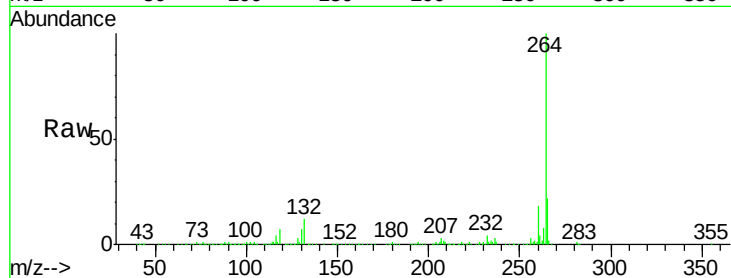
Acq: 27 Jul 2015 17:59

Instrument :

BNA_M

ClientSampleId :

MDL-03-S



Tgt Ion:	252	Resp:	2500
Ion	Ratio	Lower	Upper
252	100		
253	38.4	17.2	25.8#
125	30.6	6.6	10.0#

