

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
 Data File : BM002065.D
 Acq On : 27 Jul 2015 17:22
 Operator : UM/HP
 Sample : MDL-02-S
 Misc : MDL-SOIL-SVOC-4PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Quant Time: Jul 28 04:15:44 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	90586	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	343062	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	201546	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	448533	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	521675	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	527917	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	9033	5.16	ng/uL	0.00
5) Phenol-d5	6.78	99	163284	25.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	95302	26.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	144333	26.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	133733	25.98	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	65557	26.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	75121	27.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	136417	26.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	180103	31.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	405315	27.46	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	489641	26.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	60263	24.46	ng/ul	0.00
58) Fluorene-d10	15.26	176	351739	27.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	53058	19.34	ng/ul	0.00
71) Anthracene-d10	17.11	188	547272	27.33	ng/ul	0.00
79) Pyrene-d10	19.41	212	618794	28.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	712727	27.85	ng/ul	0.00

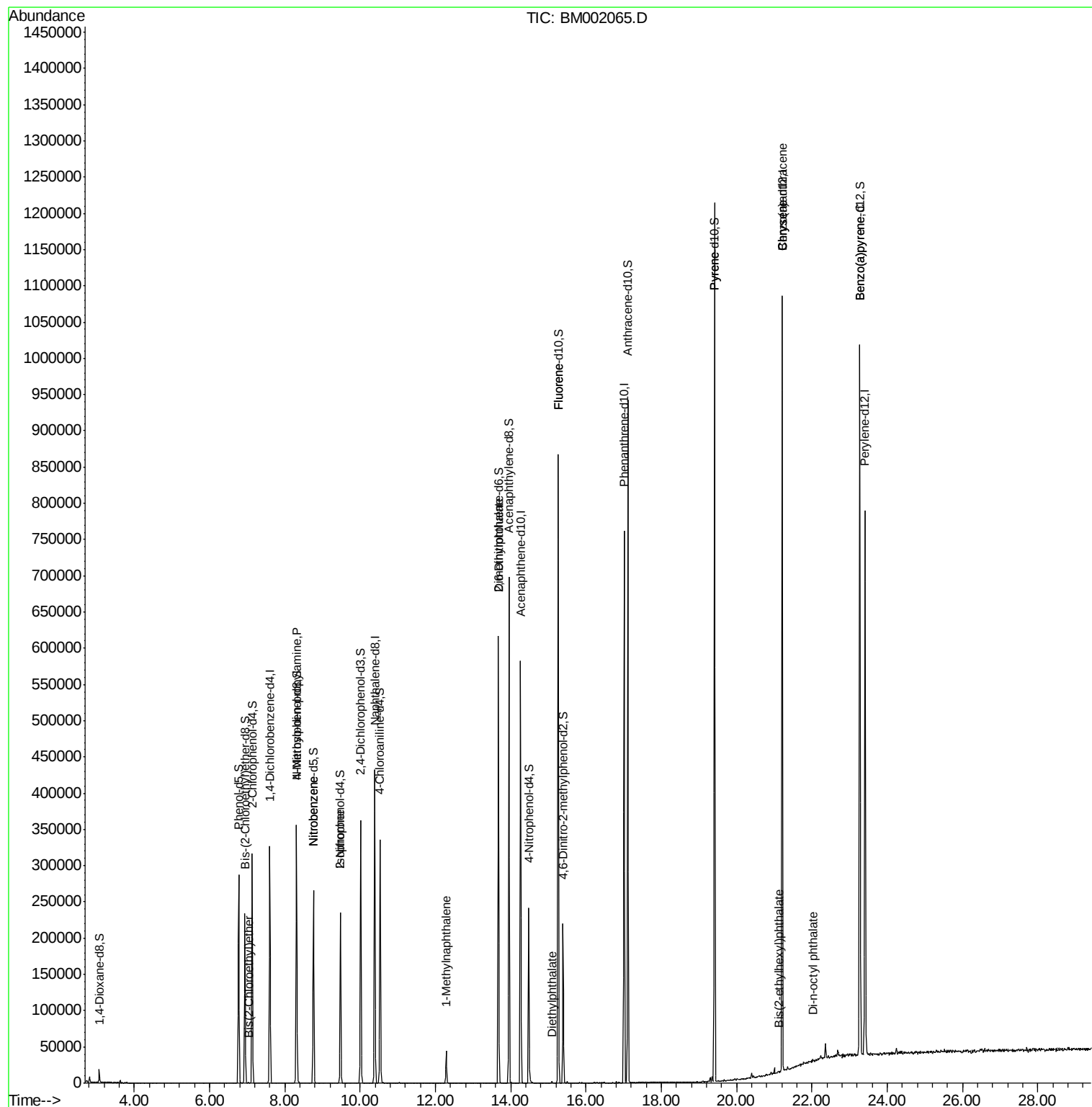
Target Compounds				Qvalue		
8) Bis(2-Chloroethyl)ether	7.03	93	394	0.08	ng/ul#	69
15) N-Nitroso-di-n-propylamine	8.31	70	3338	0.85	ng/ul#	1
20) Nitrobenzene	8.76	77	424	0.07	ng/ul#	37
21) Isophorone	9.47	82	6008	0.59	ng/ul#	70
35) 1-Methylnaphthalene	12.28	142	22789	2.00	ng/ul	96
46) 2,6-Dinitrotoluene	13.67	165	2795	0.93	ng/ul#	35
57) Diethylphthalate	15.09	149	2121	0.15	ng/ul#	88
59) Fluorene	15.26	166	504	0.03	ng/ul#	10
80) Pyrene	19.41	202	699	0.02	ng/ul#	1
83) Benzo(a)anthracene	21.21	228	1162	0.04	ng/ul#	62
84) Bis(2-ethylhexyl)phthalate	21.12	149	437	0.03	ng/ul#	51
85) Chrysene	21.21	228	1162	0.04	ng/ul#	60
87) Di-n-octyl phthalate	22.03	149	112	0.00	ng/ul	100
91) Benzo(a)pyrene	23.27	252	2125	0.07	ng/ul#	59

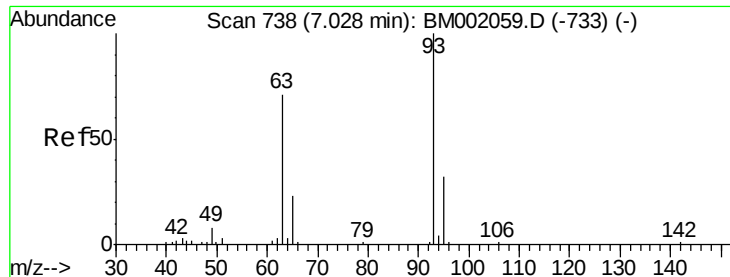
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
Data File : BM002065.D
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Instrument :
BNA_M
ClientSampled :
MDL-02-S

Quant Time: Jul 28 04:15:44 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





#8

Bis(2-Chloroethyl)ether

Concen: 0.08 ng/ul

RT: 7.03 min Scan# 738

Delta R.T. 0.00 min

Lab File: BM002065.D

Acq: 27 Jul 2015 17:22

Instrument :

BNA_M

ClientSampled :

MDL-02-S

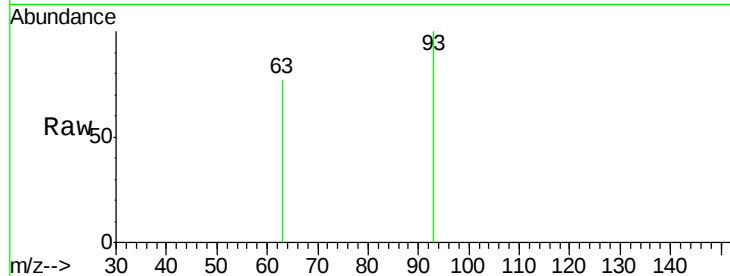
Tgt Ion: 93 Resp: 394

Ion Ratio Lower Upper

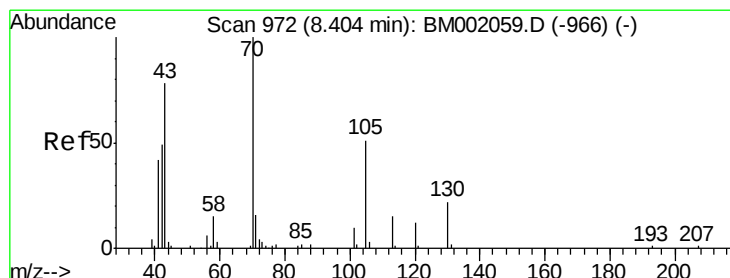
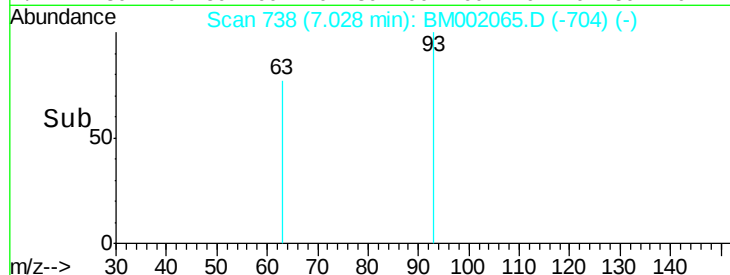
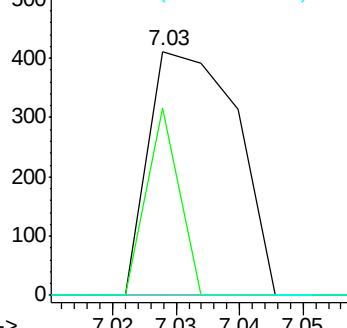
93 100

63 76.9 51.5 77.3

95 0.0 27.0 40.4#



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



#15

N-Nitroso-di-n-propylamine

Concen: 0.85 ng/ul

RT: 8.31 min Scan# 956

Delta R.T. -0.09 min

Lab File: BM002065.D

Acq: 27 Jul 2015 17:22

Tgt Ion: 70 Resp: 3338

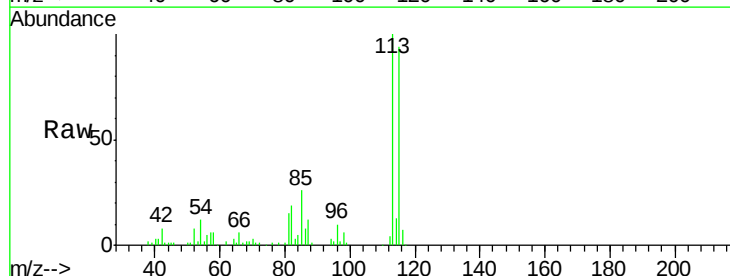
Ion Ratio Lower Upper

70 100

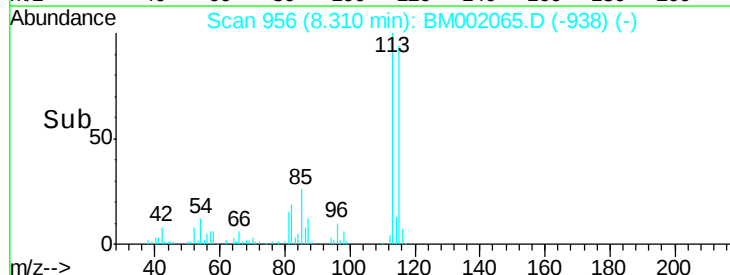
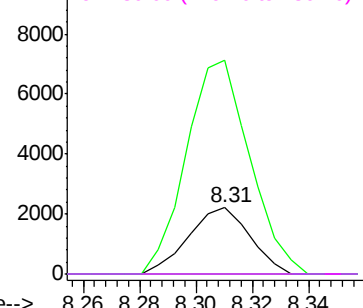
42 322.8 39.2 58.8#

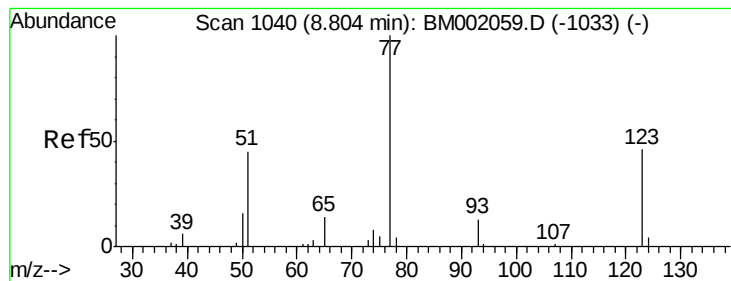
101 0.0 8.6 12.8#

130 0.0 20.2 30.4#



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





#20

Nitrobenzene

Concen: 0.07 ng/ul

RT: 8.76 min Scan# 1033

Delta R.T. -0.04 min

Lab File: BM002065.D

Acq: 27 Jul 2015 17:22

Instrument :

BNA_M

ClientSampleId :

MDL-02-S

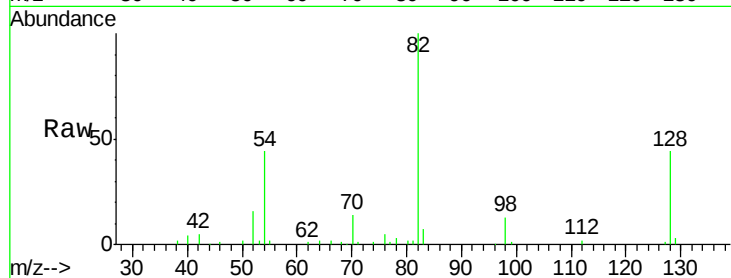
Tgt Ion: 77 Resp: 424

Ion Ratio Lower Upper

77 100

123 0.0 39.0 58.4#

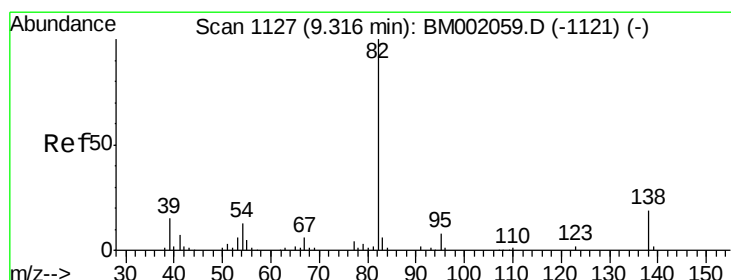
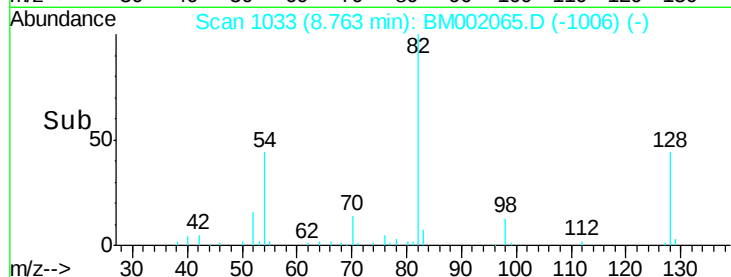
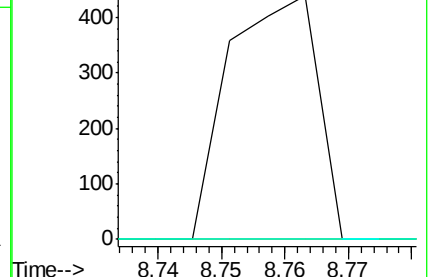
65 0.0 10.4 15.6#



Abundance Ion 77.00 (76.70 to 77.70): BM002059.D (-1033) (-)

Ion 123.00 (122.70 to 123.70): BM002059.D (-1033) (-)

Ion 65.00 (64.70 to 65.70): BM002059.D (-1033) (-)



#21

Isophorone

Concen: 0.59 ng/ul

RT: 9.47 min Scan# 1154

Delta R.T. 0.16 min

Lab File: BM002065.D

Acq: 27 Jul 2015 17:22

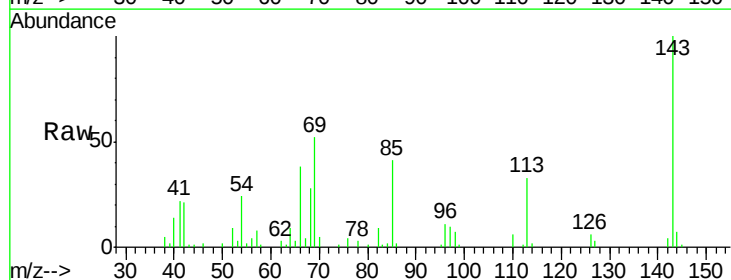
Tgt Ion: 82 Resp: 6008

Ion Ratio Lower Upper

82 100

95 7.6 6.5 9.7

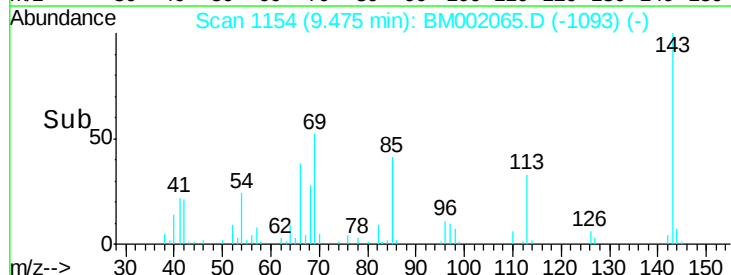
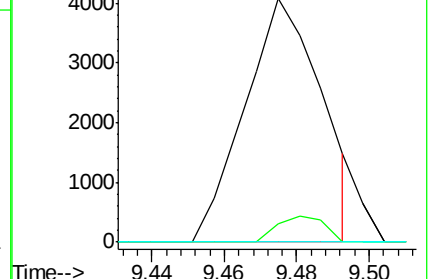
138 0.0 15.4 23.2#

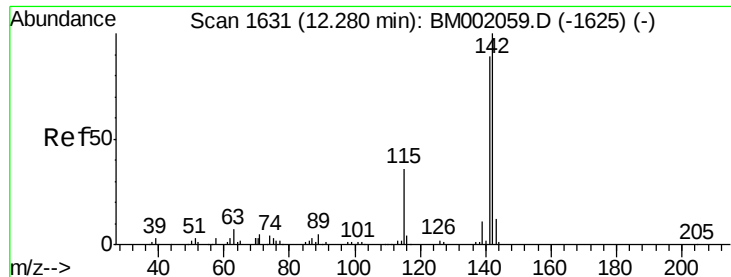


Abundance Ion 82.00 (81.70 to 82.70): BM002059.D (-1121) (-)

Ion 95.00 (94.70 to 95.70): BM002059.D (-1121) (-)

Ion 138.00 (137.70 to 138.70): BM002059.D (-1121) (-)

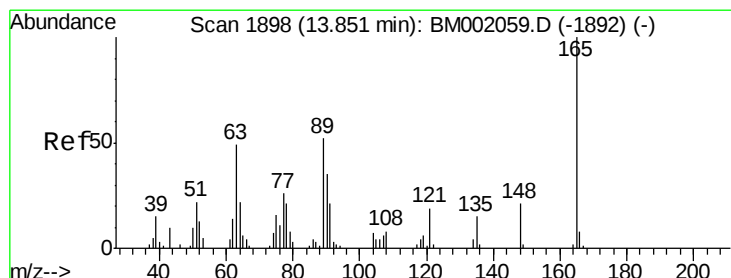
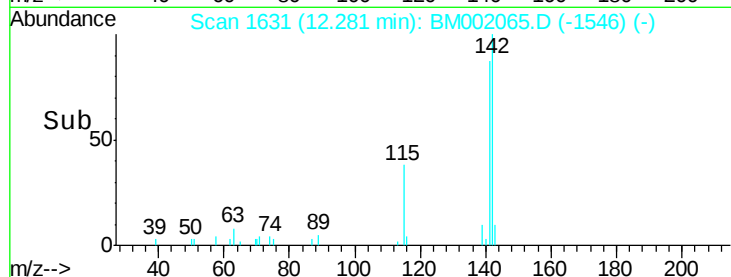
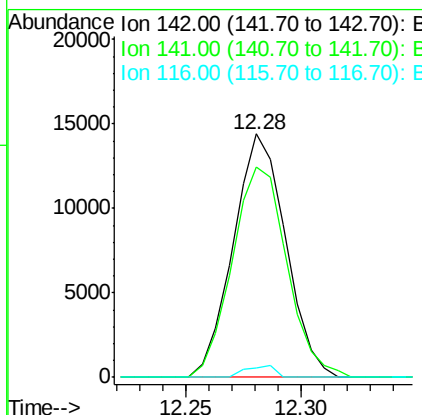
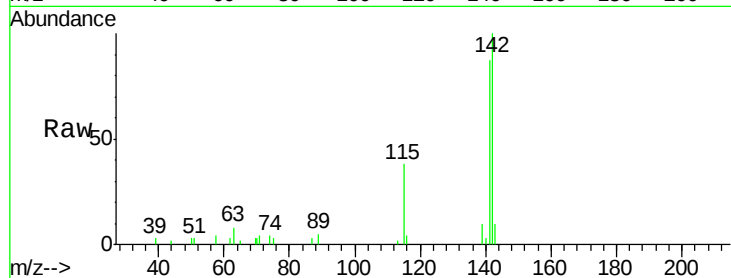




#35
 1-Methylnaphthalene
 Concen: 2.00 ng/ul
 RT: 12.28 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BM002065.D
 Acq: 27 Jul 2015 17:22

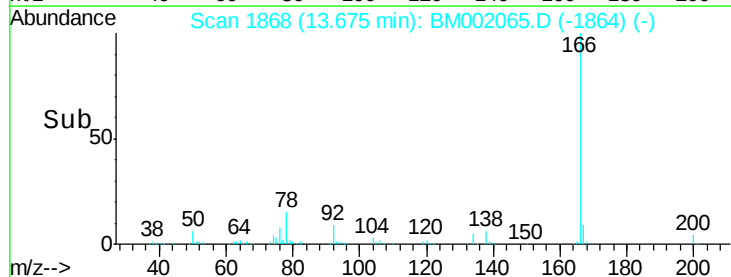
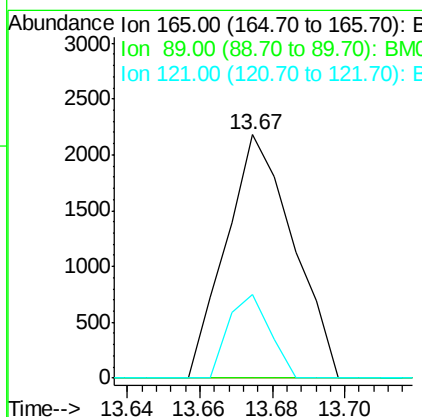
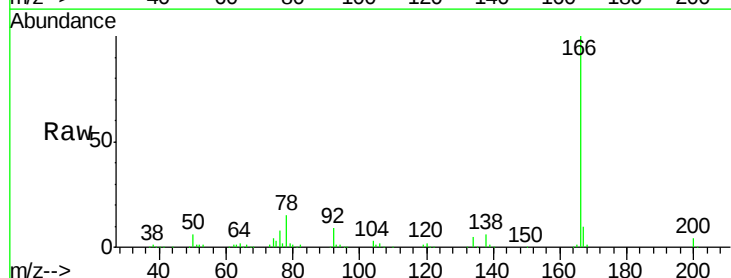
Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

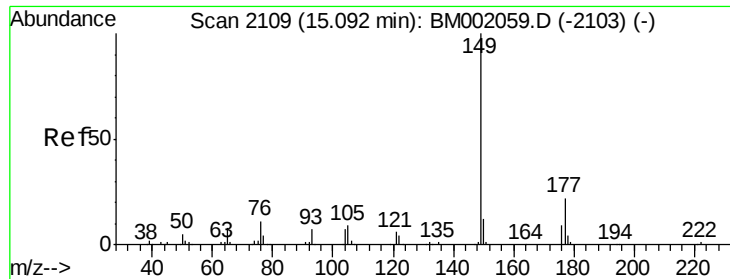
Tgt Ion:142 Resp: 22789
 Ion Ratio Lower Upper
 142 100
 141 86.6 72.4 108.6
 116 4.1 3.2 4.8



#46
 2,6-Dinitrotoluene
 Concen: 0.93 ng/ul
 RT: 13.67 min Scan# 1868
 Delta R.T. -0.18 min
 Lab File: BM002065.D
 Acq: 27 Jul 2015 17:22

Tgt Ion:165 Resp: 2795
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.7 64.1#
 121 34.4 14.8 22.2#





#57

Diethylphthalate

Concen: 0.15 ng/ul

RT: 15.09 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BM002065.D

Acq: 27 Jul 2015 17:22

Instrument :

BNA_M

ClientSampleId :

MDL-02-S

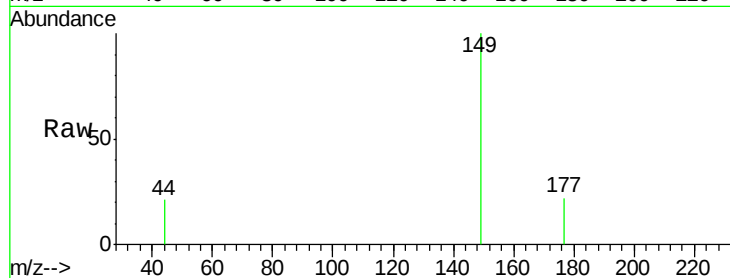
Tgt Ion:149 Resp: 2121

Ion Ratio Lower Upper

149 100

177 22.2 18.4 27.6

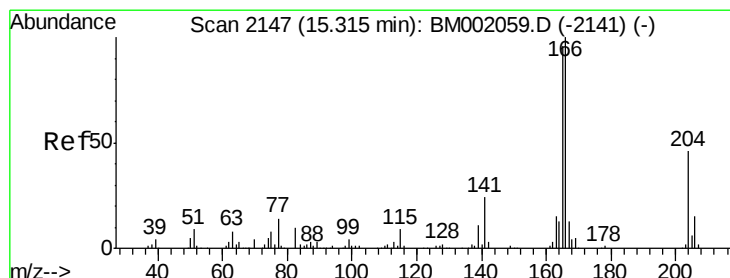
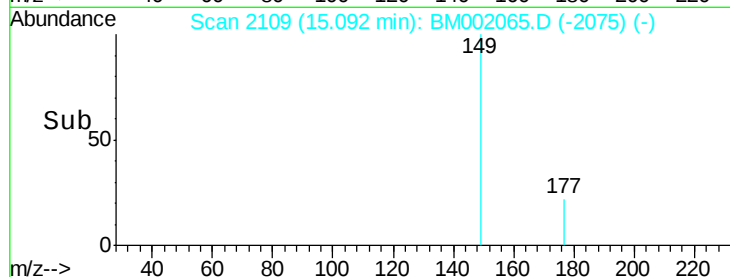
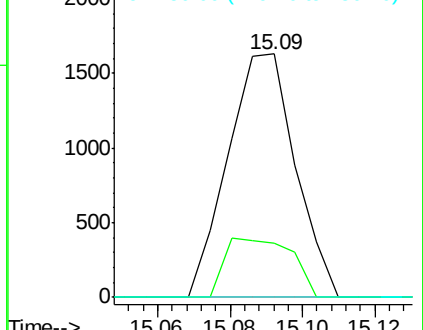
150 0.0 10.1 15.1#



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: 0.03 ng/ul

RT: 15.26 min Scan# 2137

Delta R.T. -0.06 min

Lab File: BM002065.D

Acq: 27 Jul 2015 17:22

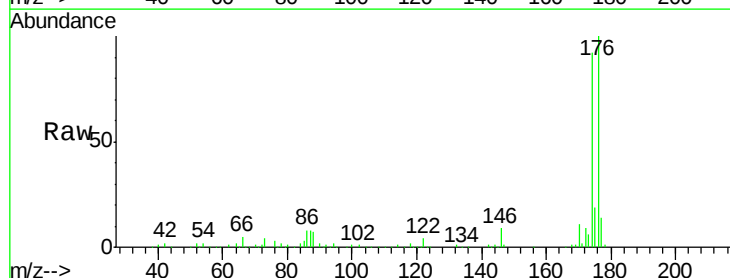
Tgt Ion:166 Resp: 504

Ion Ratio Lower Upper

166 100

165 0.0 75.6 113.4#

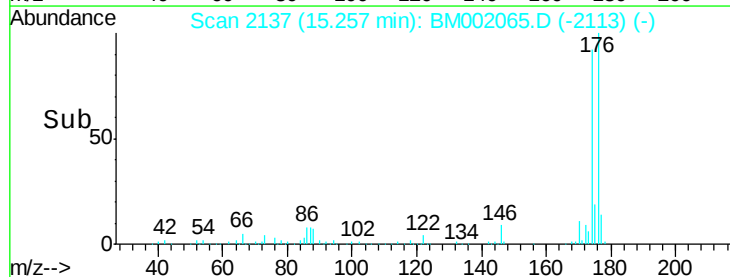
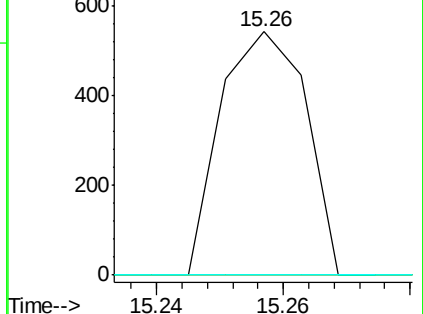
167 0.0 10.5 15.7#

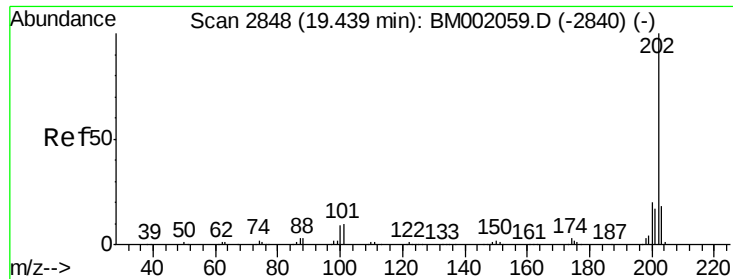


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#80

Pyrene

Concen: 0.02 ng/ul

RT: 19.41 min Scan# 2843

Delta R.T. -0.03 min

Lab File: BM002065.D

Acq: 27 Jul 2015 17:22

Instrument :

BNA_M

ClientSampleId :

MDL-02-S

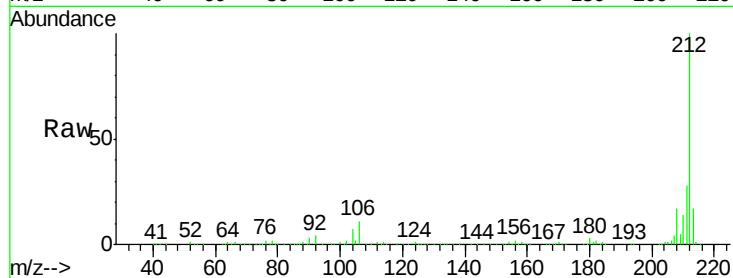
Tgt Ion:202 Resp: 699

Ion Ratio Lower Upper

202 100

101 149.1 7.4 11.2#

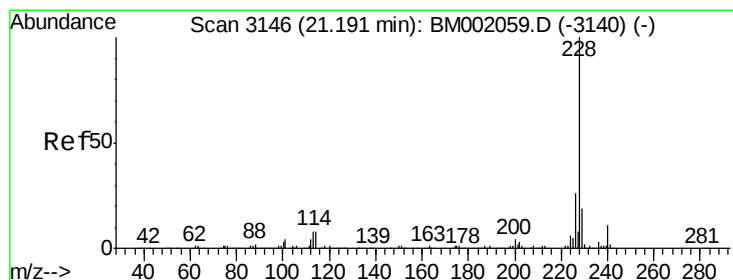
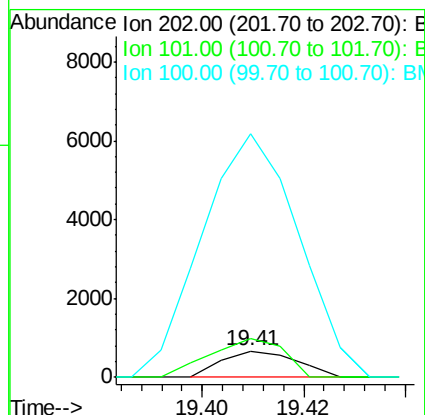
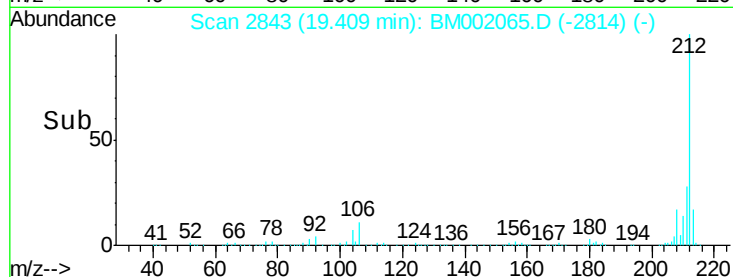
100 924.6 6.3 9.5#



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: BM002065.D

Acq: 27 Jul 2015 17:22

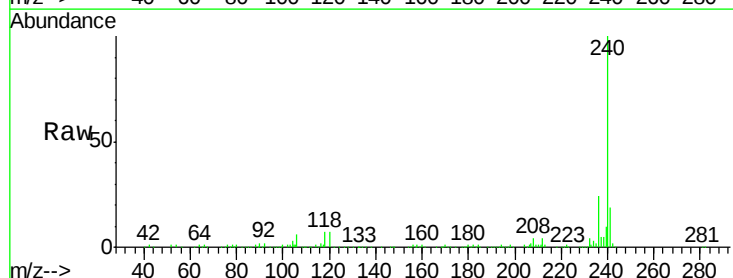
Tgt Ion:228 Resp: 1162

Ion Ratio Lower Upper

228 100

229 29.3 15.4 23.2#

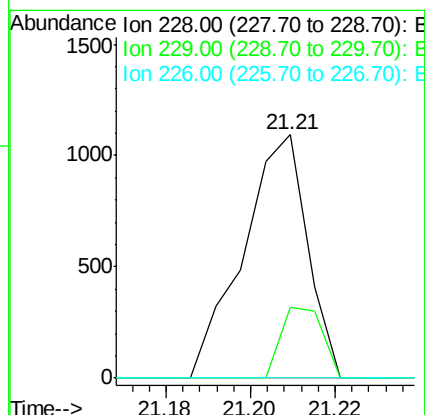
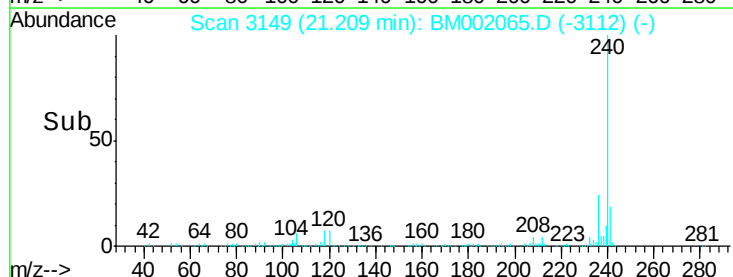
226 0.0 20.5 30.7#

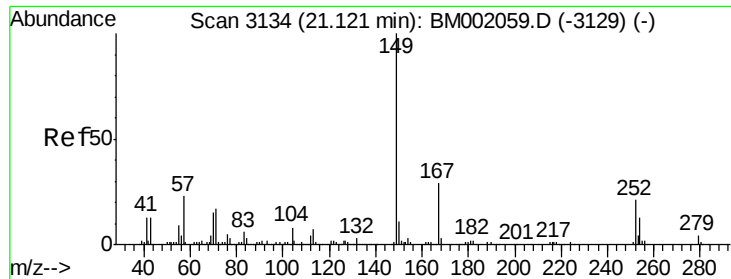


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

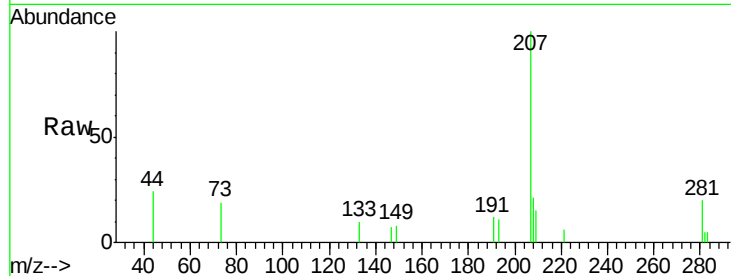




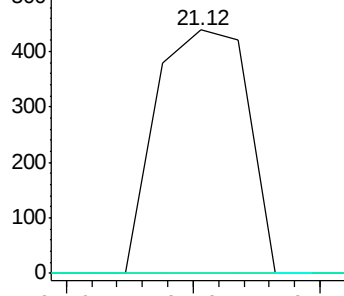
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.03 ng/ul
 RT: 21.12 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: BM002065.D
 Acq: 27 Jul 2015 17:22

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

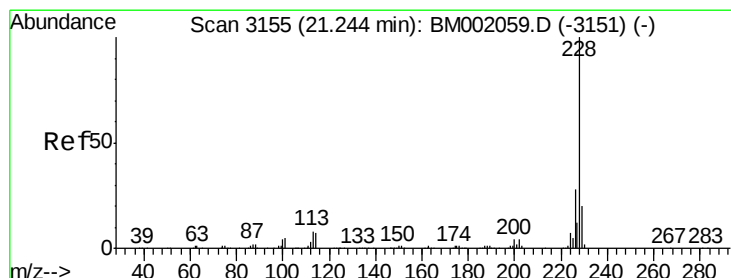
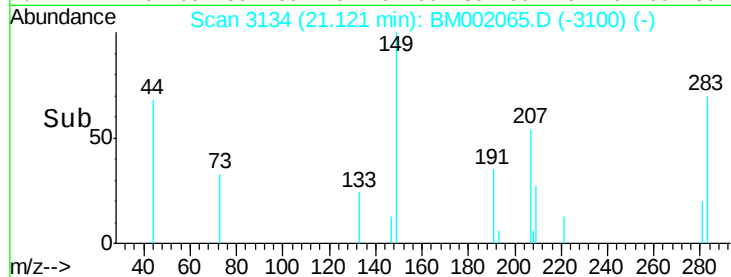
Tgt Ion:149 Resp: 437
 Ion Ratio Lower Upper
 149 100
 167 0.0 23.6 35.4#
 279 0.0 4.2 6.4#



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

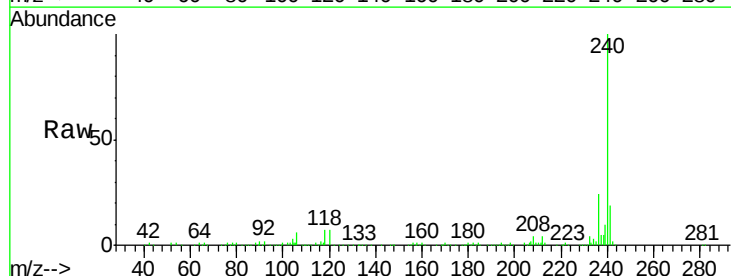


Time--> 21.10 21.12 21.14

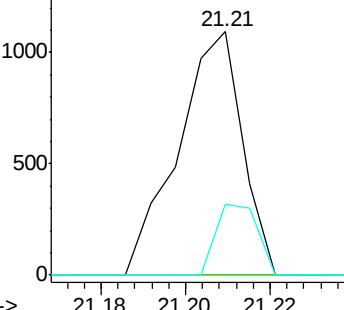


#85
 Chrysene
 Concen: 0.04 ng/ul
 RT: 21.21 min Scan# 3149
 Delta R.T. -0.04 min
 Lab File: BM002065.D
 Acq: 27 Jul 2015 17:22

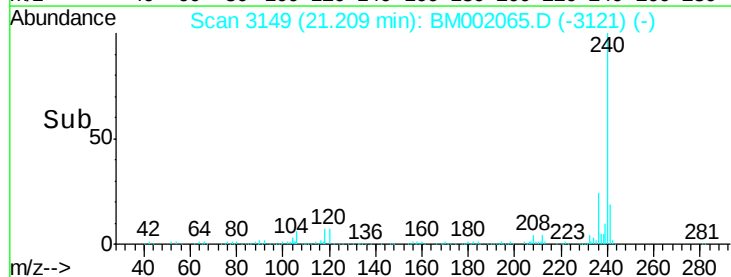
Tgt Ion:228 Resp: 1162
 Ion Ratio Lower Upper
 228 100
 226 0.0 22.3 33.5#
 229 29.3 15.5 23.3#

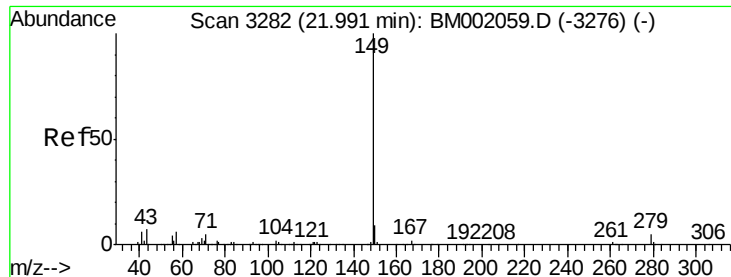


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time--> 21.18 21.20 21.22

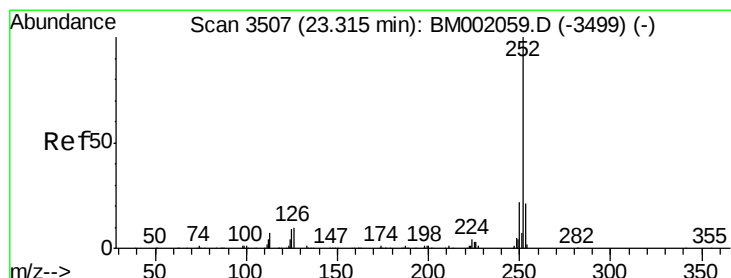
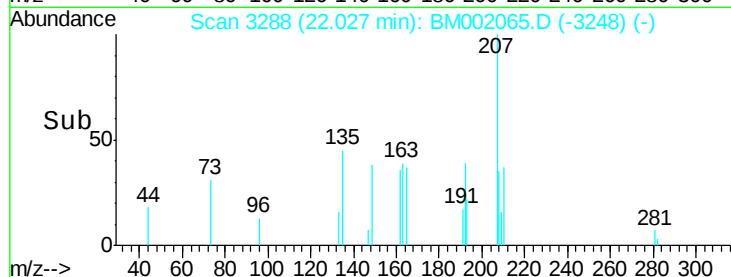
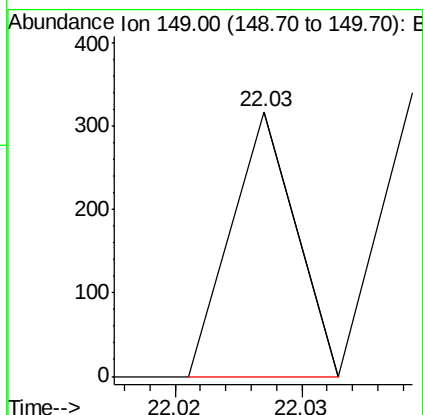
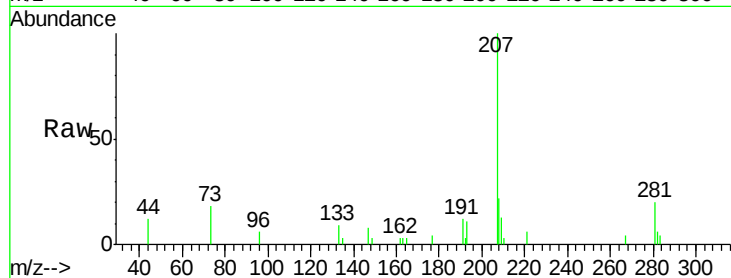




#87
Di-n-octyl phthalate
Concen: 0.00 ng/ul
RT: 22.03 min Scan# 3288
Delta R.T. 0.04 min
Lab File: BM002065.D
Acq: 27 Jul 2015 17:22

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tgt Ion:149 Resp: 112



#91
Benzo(a)pyrene
Concen: 0.07 ng/ul
RT: 23.27 min Scan# 3499
Delta R.T. -0.05 min
Lab File: BM002065.D
Acq: 27 Jul 2015 17:22

Tgt Ion:252 Resp: 2125
Ion Ratio Lower Upper
252 100
253 36.6 17.2 25.8#
125 31.1 6.6 10.0#

