

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
 Data File : BM002069.D
 Acq On : 27 Jul 2015 19:50
 Operator : UM/HP
 Sample : MDL-06-S
 Misc : MDL-SOIL-SVOC-4PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S

Quant Time: Jul 28 04:16:38 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	85769	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	333433	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	194307	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	435703	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	509201	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	515030	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	8216	4.96	ng/uL	0.00
5) Phenol-d5	6.77	99	147002	23.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	85137	25.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	128189	24.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	119509	24.52	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	58978	24.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	66435	25.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	122158	24.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	160419	28.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	381145	26.78	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	448397	25.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	54717	23.03	ng/ul	0.00
58) Fluorene-d10	15.26	176	323779	25.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	47104	17.67	ng/ul	0.00
71) Anthracene-d10	17.11	188	510242	26.24	ng/ul	0.00
79) Pyrene-d10	19.41	212	570522	26.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	665113	26.64	ng/ul	0.00

Target Compounds

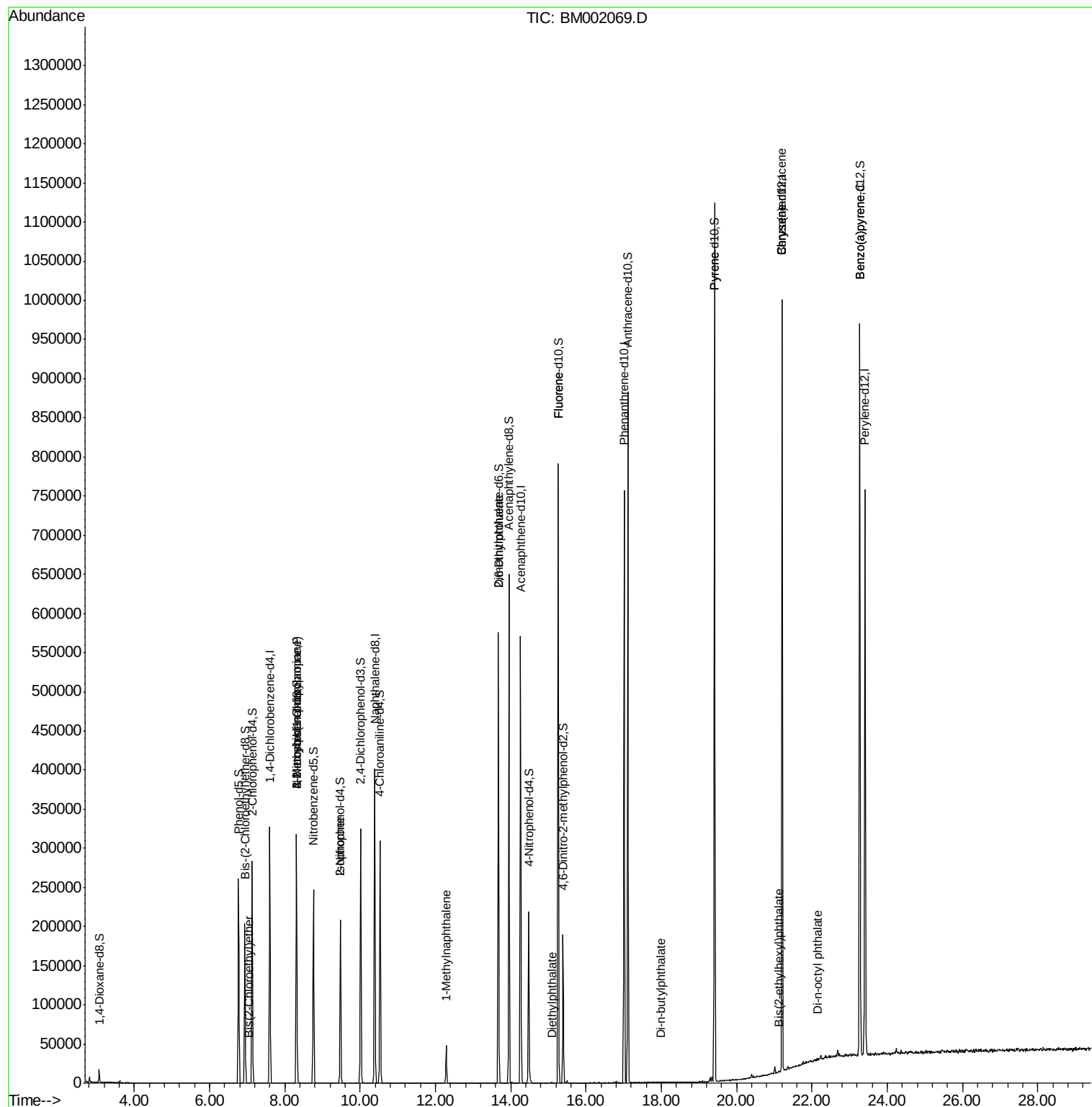
						Qvalue
8) Bis(2-Chloroethyl)ether	7.03	93	393	0.08	ng/ul#	26
12) 2,2'-oxybis(1-Chloropropan	8.30	45	587	0.12	ng/ul#	56
15) N-Nitroso-di-n-propylamine	8.30	70	2789	0.75	ng/ul#	1
21) Isophorone	9.47	82	5321	0.54	ng/ul#	69
35) 1-Methylnaphthalene	12.28	142	24121	2.18	ng/ul	99
46) 2,6-Dinitrotoluene	13.67	165	2598	0.90	ng/ul#	36
57) Diethylphthalate	15.09	149	770	0.05	ng/ul#	58
59) Fluorene	15.26	166	445	0.03	ng/ul#	10
76) Di-n-butylphthalate	17.98	149	245	0.01	ng/ul#	79
80) Pyrene	19.41	202	517	0.02	ng/ul#	1
83) Benzo(a)anthracene	21.21	228	1325	0.05	ng/ul#	65
84) Bis(2-ethylhexyl)phthalate	21.12	149	394	0.02	ng/ul#	51
85) Chrysene	21.21	228	1325	0.05	ng/ul#	63
87) Di-n-octyl phthalate	22.16	149	132	0.00	ng/ul	100
91) Benzo(a)pyrene	23.26	252	2075	0.07	ng/ul#	63

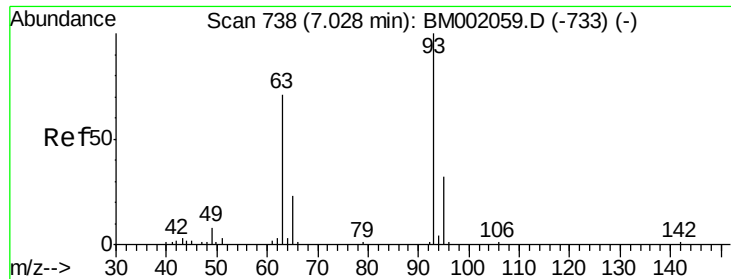
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Bis(2-Chloroethyl)ether

Concen: 0.08 ng/ul

RT: 7.03 min Scan# 739

Delta R.T. 0.01 min

Lab File: BM002069.D

Acq: 27 Jul 2015 19:50

Instrument :

BNA_M

ClientSampleId :

MDL-06-S

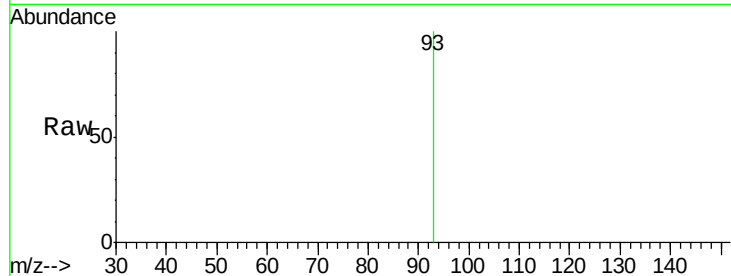
Tgt Ion: 93 Resp: 393

Ion Ratio Lower Upper

93 100

63 0.0 51.5 77.3#

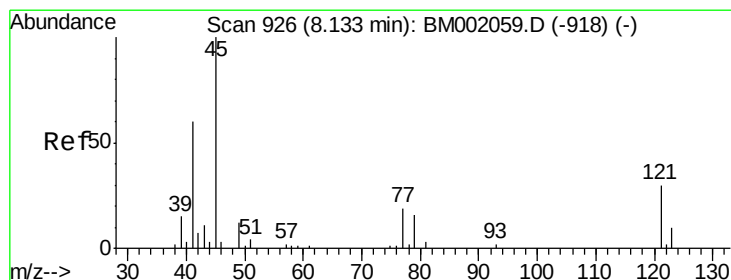
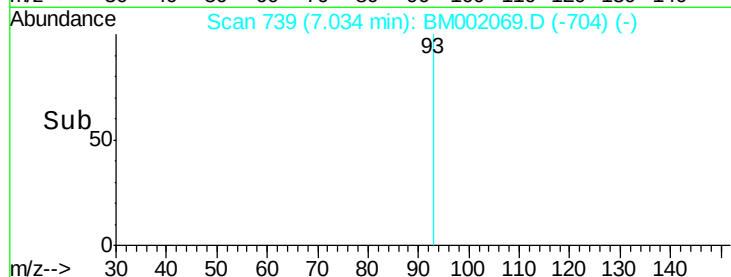
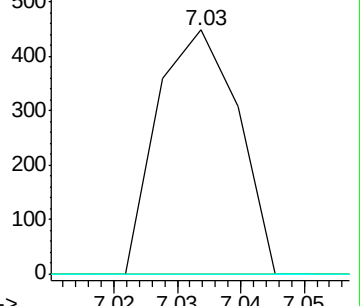
95 0.0 27.0 40.4#



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) (-)



#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.12 ng/ul

RT: 8.30 min Scan# 955

Delta R.T. 0.17 min

Lab File: BM002069.D

Acq: 27 Jul 2015 19:50

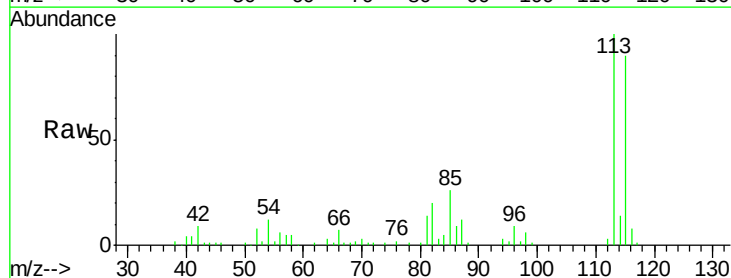
Tgt Ion: 45 Resp: 587

Ion Ratio Lower Upper

45 100

77 0.0 18.0 27.0#

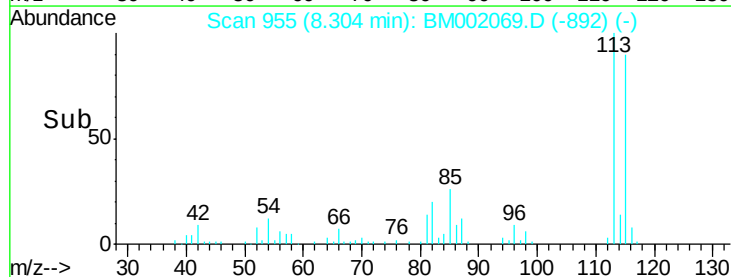
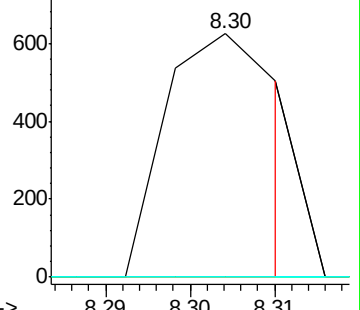
79 0.0 13.9 20.9#

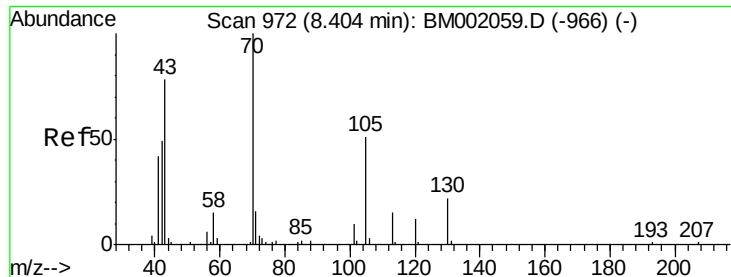


Abundance Ion 45.00 (44.70 to 45.70): BM002059.D (-918) (-)

Ion 77.00 (76.70 to 77.70): BM002059.D (-918) (-)

Ion 79.00 (78.70 to 79.70): BM002059.D (-918) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 0.75 ng/ul

RT: 8.30 min Scan# 955

Delta R.T. -0.10 min

Lab File: BM002069.D

Acq: 27 Jul 2015 19:50

Instrument :

BNA_M

ClientSampleId :

MDL-06-S

Tgt Ion: 70 Resp: 2789

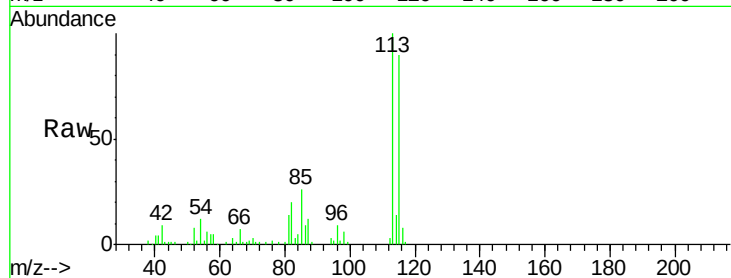
Ion Ratio Lower Upper

70 100

42 336.8 39.2 58.8#

101 0.0 8.6 12.8#

130 0.0 20.2 30.4#

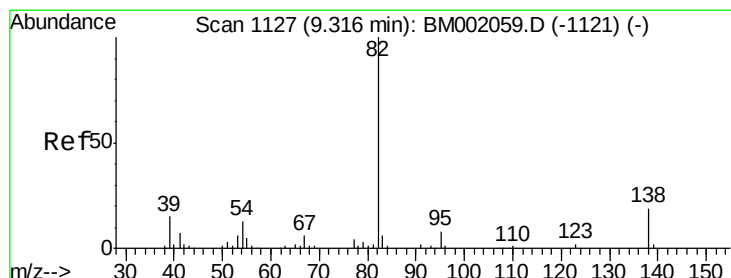
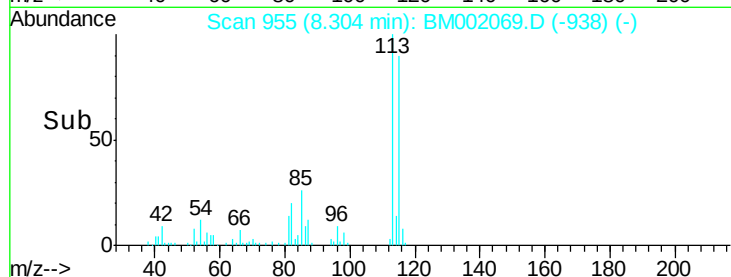
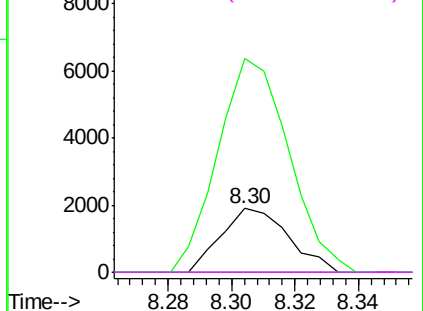


Abundance Ion 70.00 (69.70 to 70.70): BM0

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



#21

Isophorone

Concen: 0.54 ng/ul

RT: 9.47 min Scan# 1154

Delta R.T. 0.16 min

Lab File: BM002069.D

Acq: 27 Jul 2015 19:50

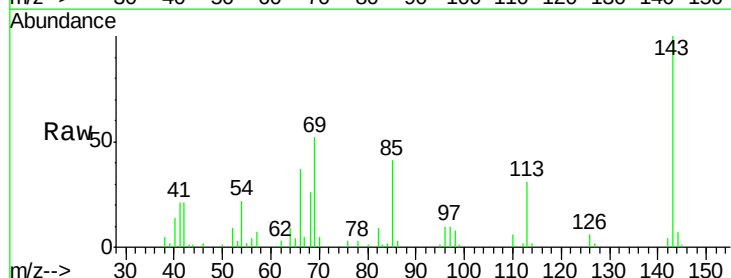
Tgt Ion: 82 Resp: 5321

Ion Ratio Lower Upper

82 100

95 9.1 6.5 9.7

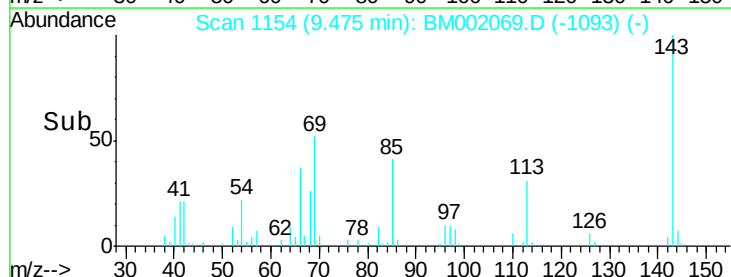
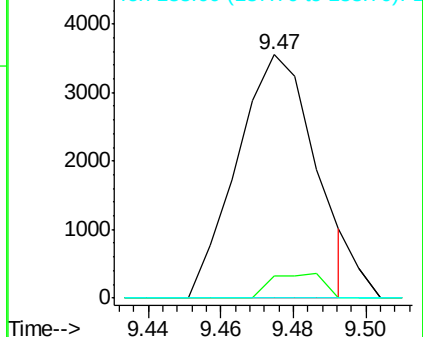
138 0.0 15.4 23.2#

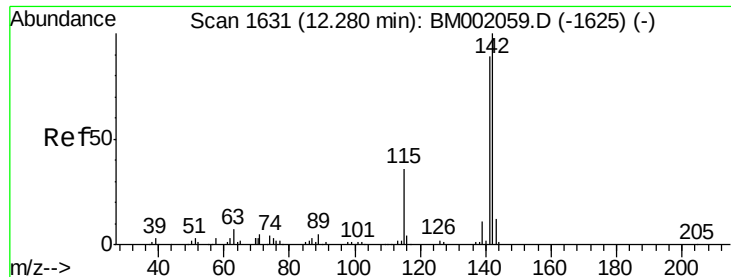


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E

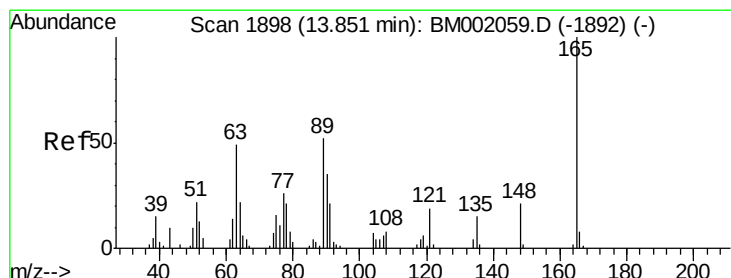
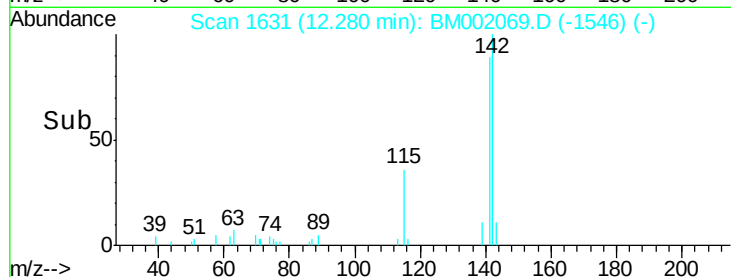
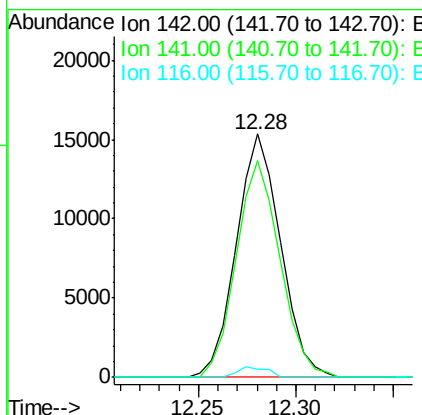
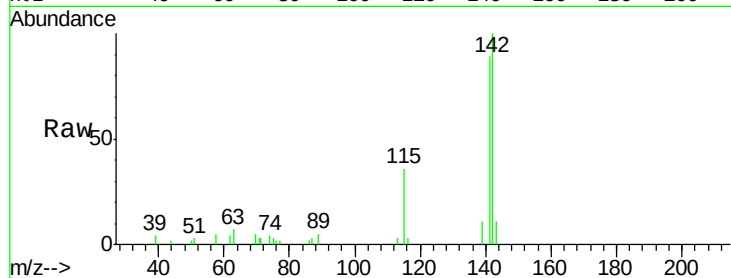




#35
 1-Methylnaphthalene
 Concen: 2.18 ng/ul
 RT: 12.28 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BM002069.D
 Acq: 27 Jul 2015 19:50

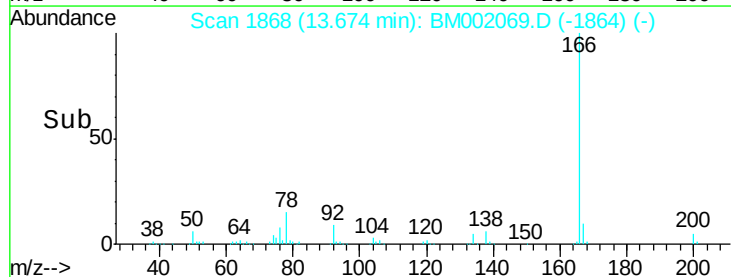
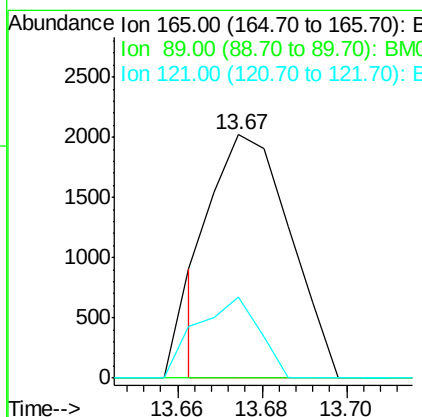
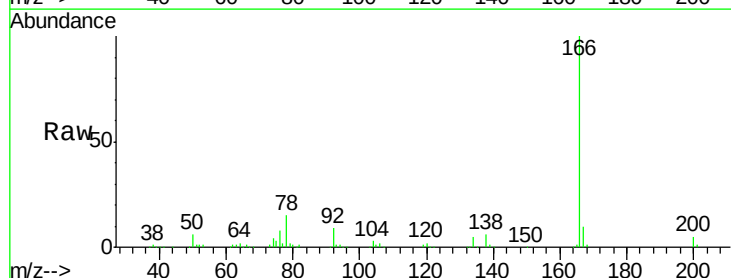
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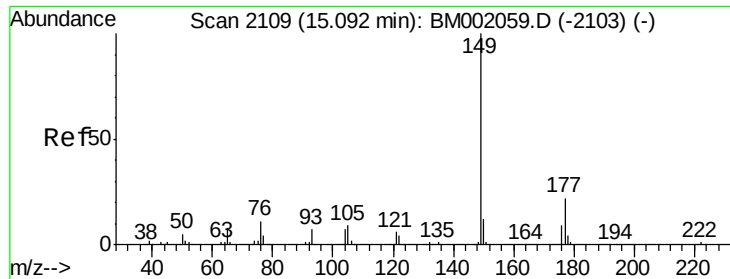
Tgt Ion:142 Resp: 24121
 Ion Ratio Lower Upper
 142 100
 141 89.2 72.4 108.6
 116 3.4 3.2 4.8



#46
 2,6-Dinitrotoluene
 Concen: 0.90 ng/ul
 RT: 13.67 min Scan# 1868
 Delta R.T. -0.18 min
 Lab File: BM002069.D
 Acq: 27 Jul 2015 19:50

Tgt Ion:165 Resp: 2598
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.7 64.1#
 121 33.3 14.8 22.2#

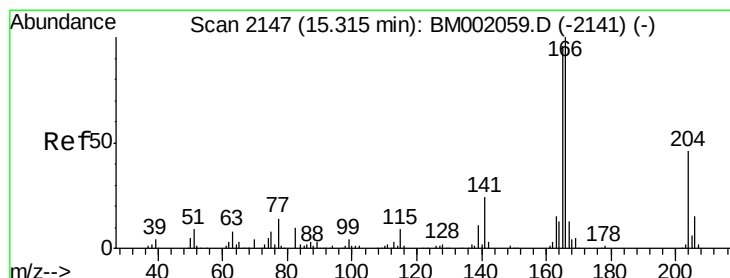
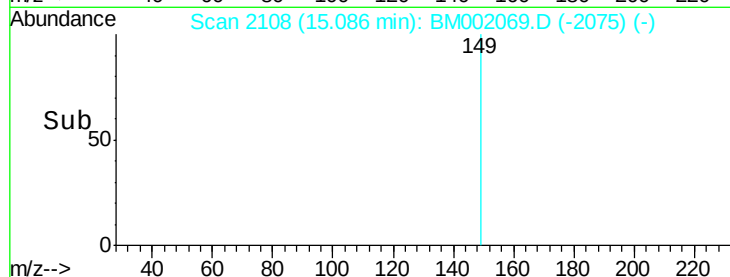
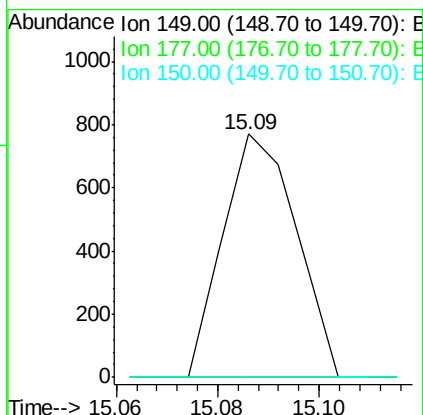
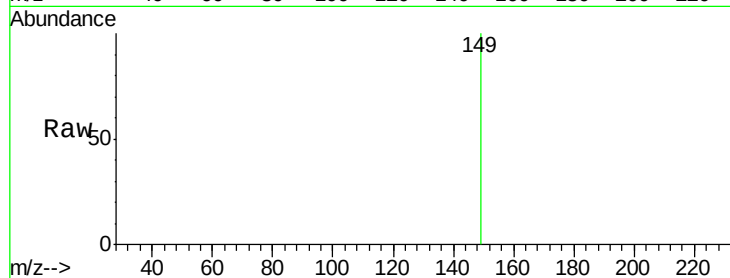




#57
Diethylphthalate
Concen: 0.05 ng/ul
RT: 15.09 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BM002069.D
Acq: 27 Jul 2015 19:50

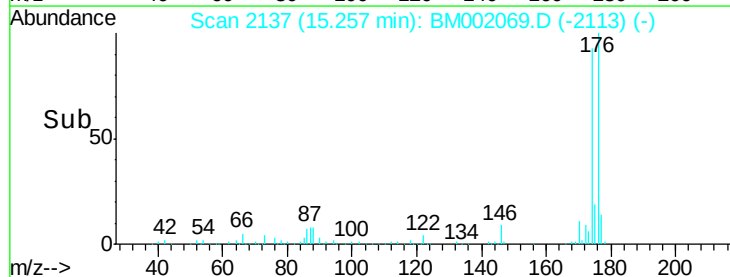
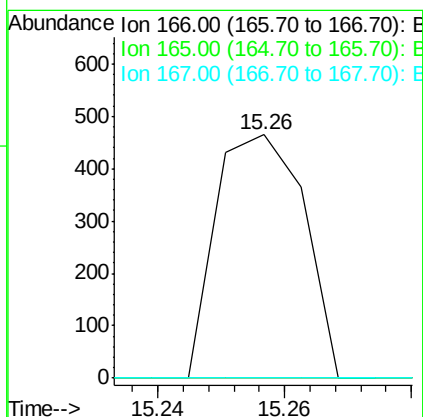
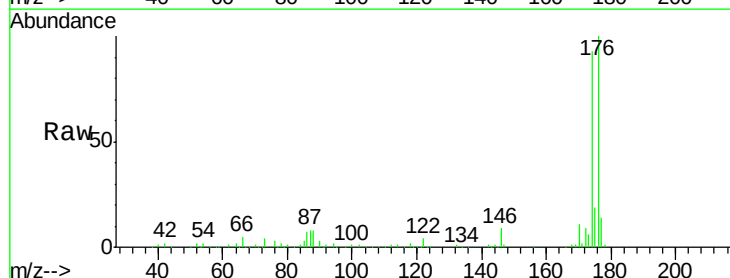
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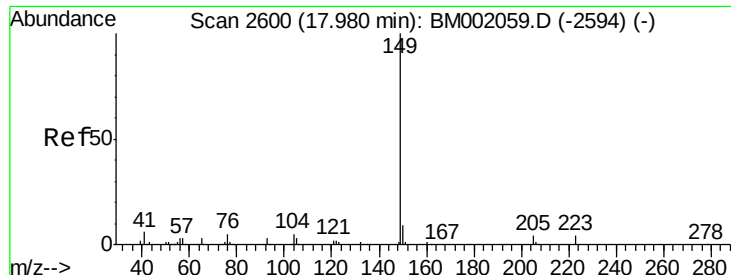
Tgt Ion:149 Resp: 770
Ion Ratio Lower Upper
149 100
177 0.0 18.4 27.6#
150 0.0 10.1 15.1#



#59
Fluorene
Concen: 0.03 ng/ul
RT: 15.26 min Scan# 2137
Delta R.T. -0.06 min
Lab File: BM002069.D
Acq: 27 Jul 2015 19:50

Tgt Ion:166 Resp: 445
Ion Ratio Lower Upper
166 100
165 0.0 75.6 113.4#
167 0.0 10.5 15.7#

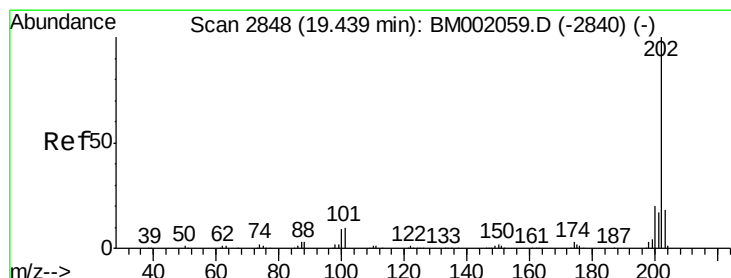
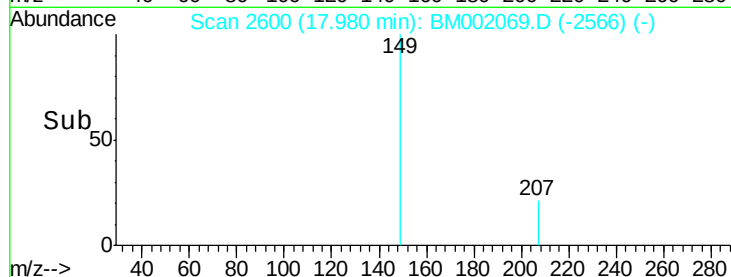
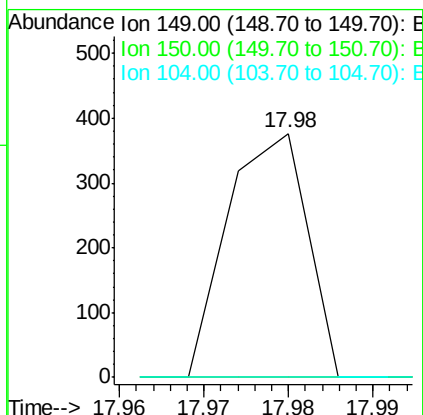
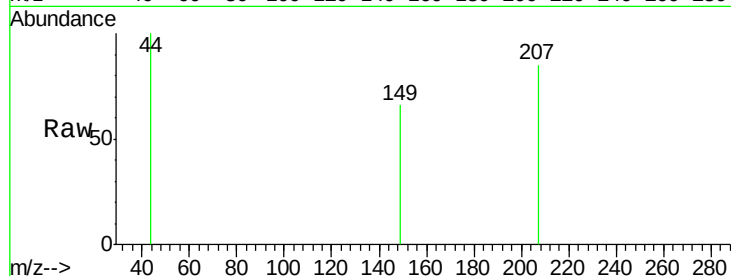




#76
Di-n-butylphthalate
Concen: 0.01 ng/ul
RT: 17.98 min Scan# 2600
Delta R.T. 0.00 min
Lab File: BM002069.D
Acq: 27 Jul 2015 19:50

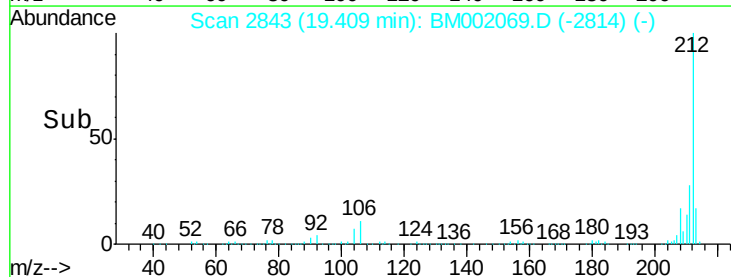
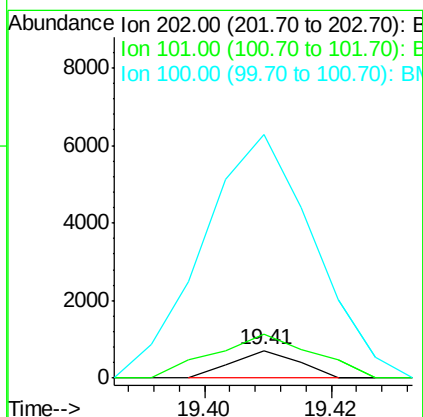
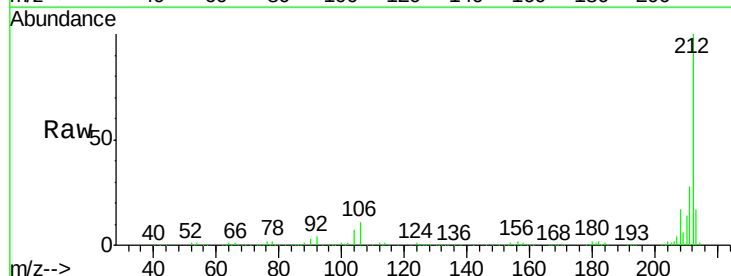
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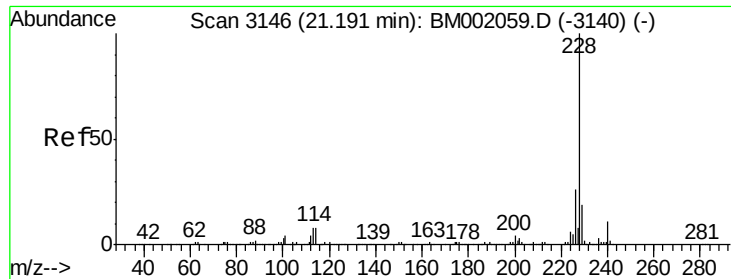
Tgt Ion:149 Resp: 245
Ion Ratio Lower Upper
149 100
150 0.0 7.0 10.4#
104 0.0 4.2 6.2#



#80
Pyrene
Concen: 0.02 ng/ul
RT: 19.41 min Scan# 2843
Delta R.T. -0.03 min
Lab File: BM002069.D
Acq: 27 Jul 2015 19:50

Tgt Ion:202 Resp: 517
Ion Ratio Lower Upper
202 100
101 158.6 7.4 11.2#
100 890.8 6.3 9.5#





#83

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 21.21 min Scan# 3149

Delta R.T. 0.02 min

Lab File: BM002069.D

Acq: 27 Jul 2015 19:50

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ClientSampleId :

MDL-06-S

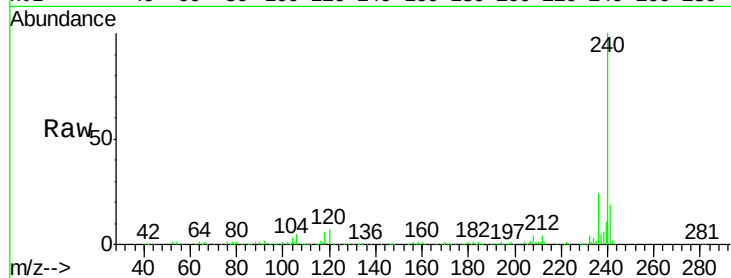
Tgt Ion:228 Resp: 1325

Ion Ratio Lower Upper

228 100

229 25.9 15.4 23.2#

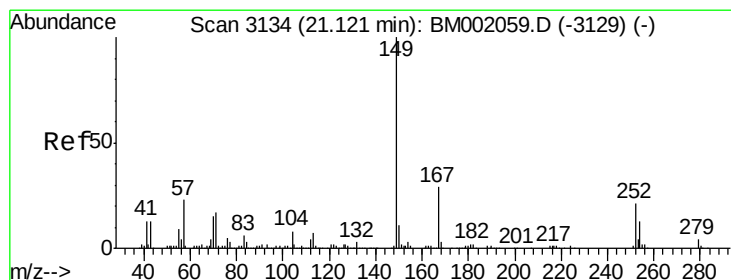
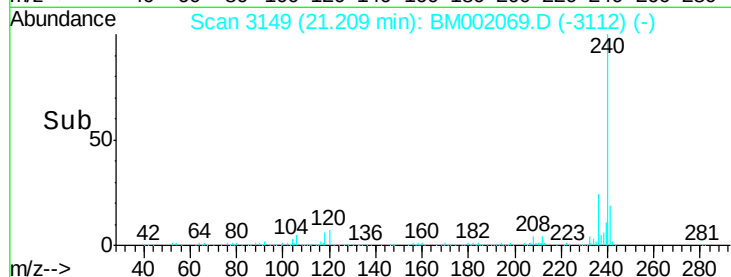
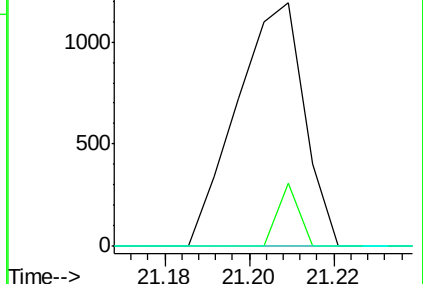
226 0.0 20.5 30.7#



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: 0.02 ng/ul

RT: 21.12 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BM002069.D

Acq: 27 Jul 2015 19:50

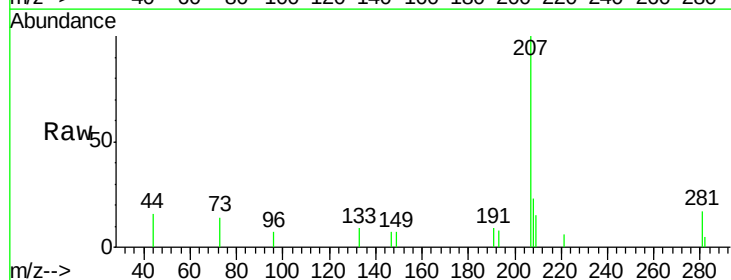
Tgt Ion:149 Resp: 394

Ion Ratio Lower Upper

149 100

167 0.0 23.6 35.4#

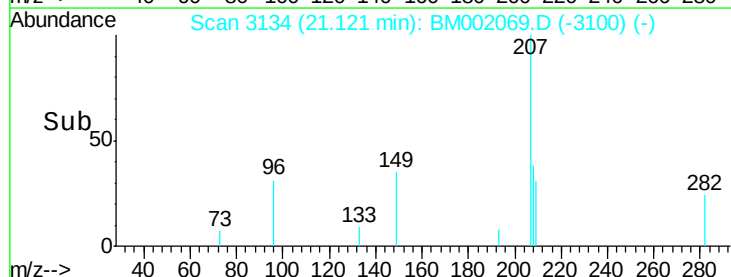
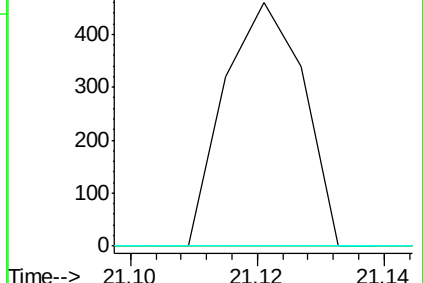
279 0.0 4.2 6.4#

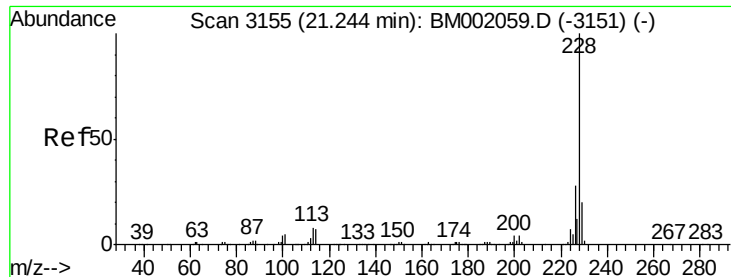


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 0.05 ng/ul

RT: 21.21 min Scan# 3149

Delta R.T. -0.04 min

Lab File: BM002069.D

Acq: 27 Jul 2015 19:50

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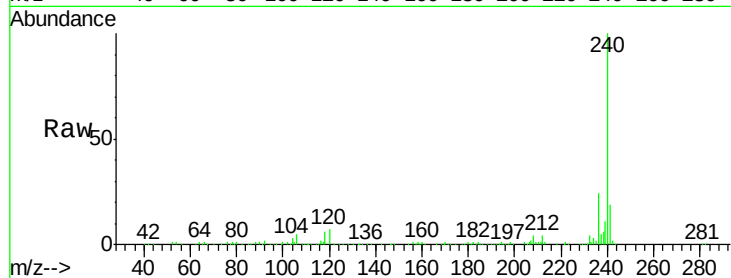
Tgt Ion:228 Resp: 1325

Ion Ratio Lower Upper

228 100

226 0.0 22.3 33.5#

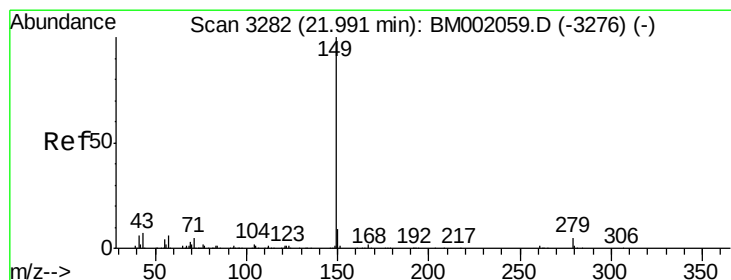
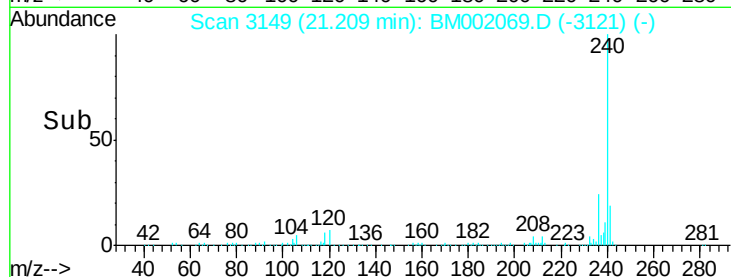
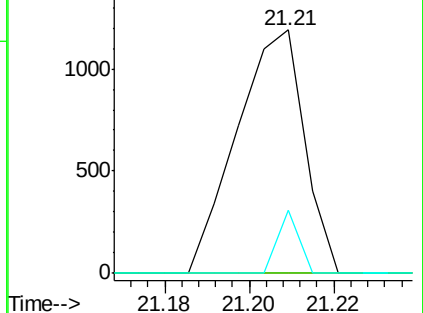
229 25.9 15.5 23.3#



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: 0.00 ng/ul

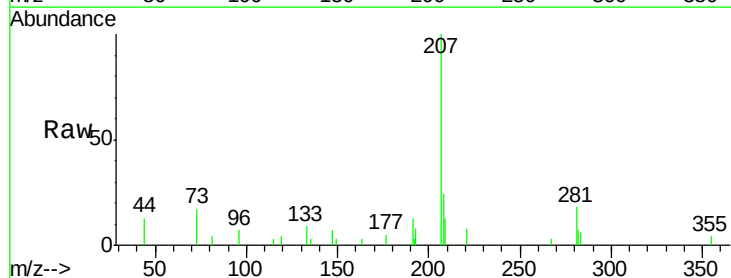
RT: 22.16 min Scan# 3310

Delta R.T. 0.16 min

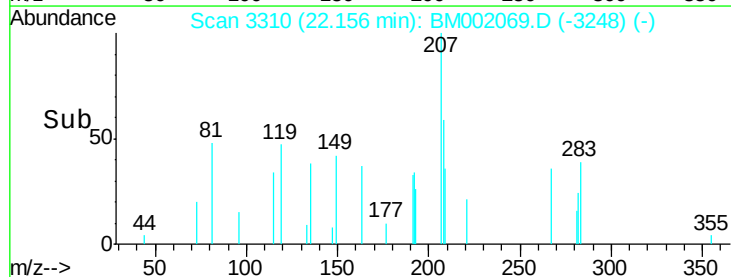
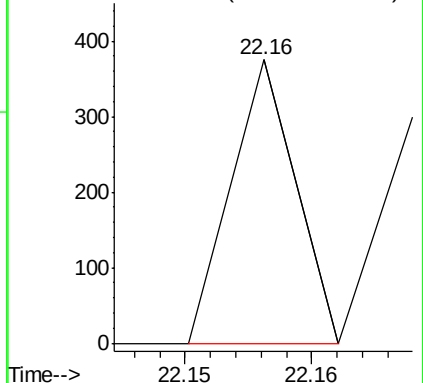
Lab File: BM002069.D

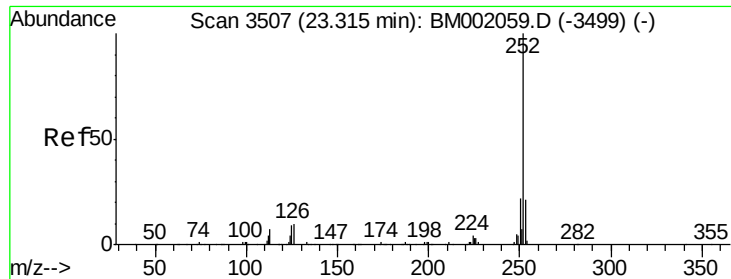
Acq: 27 Jul 2015 19:50

Tgt Ion:149 Resp: 132



Abundance Ion 149.00 (148.70 to 149.70): E





#91

Benzo(a)pyrene

Concen: 0.07 ng/ul

RT: 23.26 min Scan# 3498

Delta R.T. -0.05 min

Lab File: BM002069.D

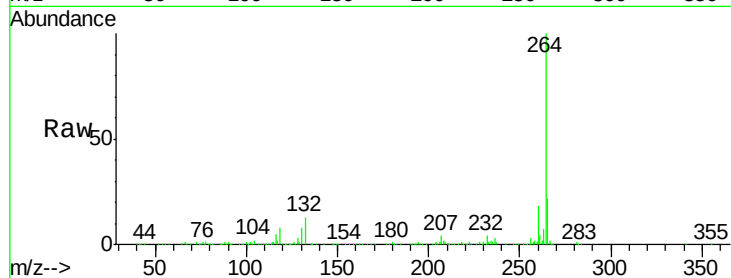
Acq: 27 Jul 2015 19:50

Instrument :

BNA_M

ClientSampleId :

MDL-06-S



Tgt Ion:	252	Resp:	2075
Ion	Ratio	Lower	Upper
252	100		
253	34.3	17.2	25.8#
125	31.2	6.6	10.0#

