

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
 Data File : BM002491.D
 Acq On : 19 Aug 2015 15:04
 Operator : UM/IZ
 Sample : MDL-BLK-W
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-W

Quant Time: Aug 20 02:29:59 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 02:27:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	95967	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	475464	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.42	164	276029	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	612854	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	665053	20.00	ng/ul	-0.01
86) Perylene-d12	24.86	264	694450	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.86	96	12964	6.24	ng/uL	0.00
5) Phenol-d5	7.94	99	272182	31.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	156892	30.61	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	246302	34.34	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	246562	33.16	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	130465	36.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.76	143	140479	44.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.30	165	230603	33.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.82	131	375348	40.89	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	807120	35.52	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	994119	34.76	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	143810	35.07	ng/ul	0.00
58) Fluorene-d10	16.39	176	675831	33.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.50	200	103997	43.18	ng/ul	0.00
71) Anthracene-d10	18.22	188	1059497	35.63	ng/ul	0.00
79) Pyrene-d10	20.44	212	1117483	34.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.70	264	1322198	35.86	ng/ul	0.00

Target Compounds

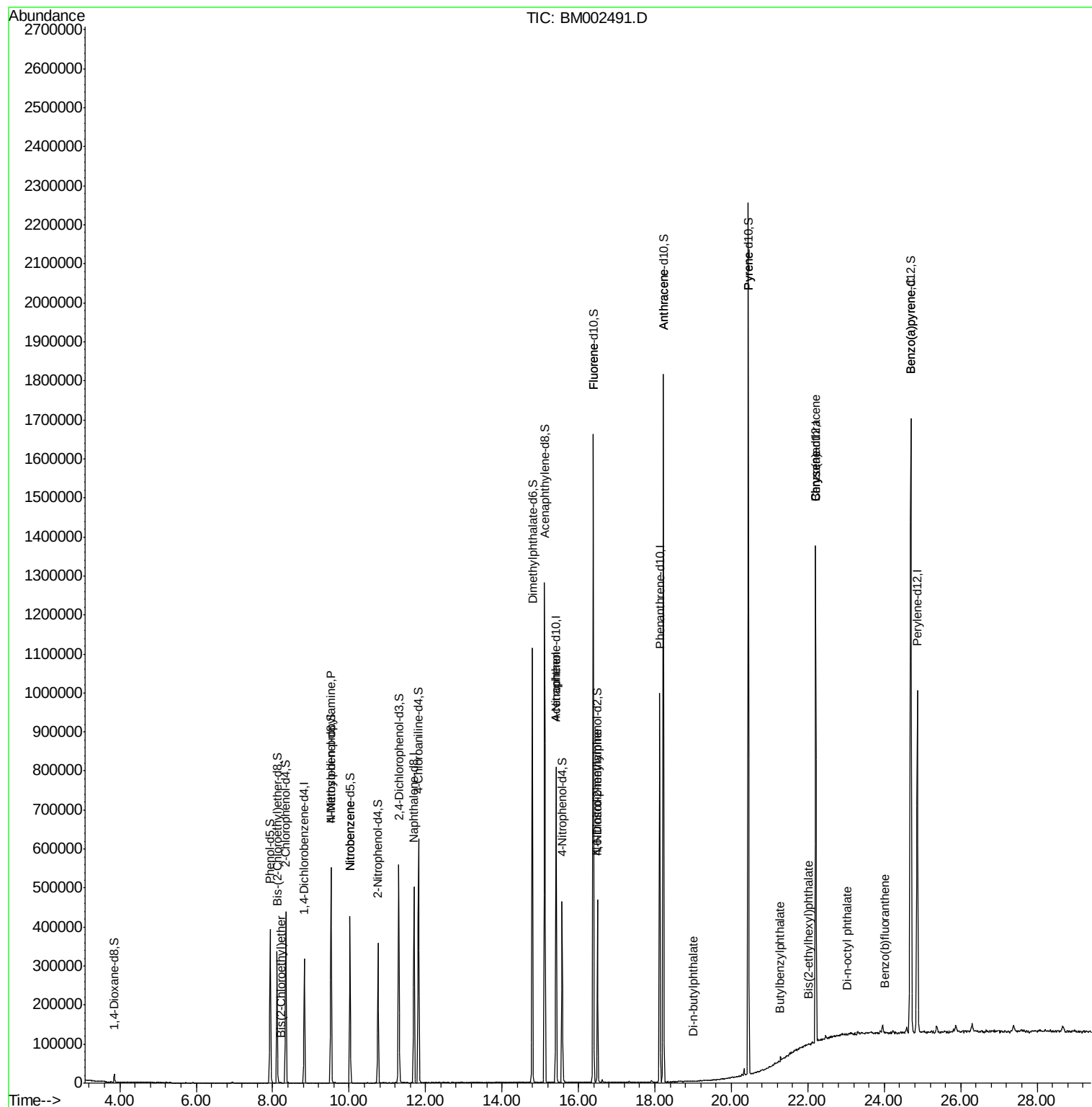
						Qvalue
8) Bis(2-Chloroethyl)ether	8.21	93	890	0.13	ng/ul#	81
15) N-Nitroso-di-n-propylamine	9.52	70	4823	0.81	ng/ul#	1
20) Nitrobenzene	10.03	77	449	0.05	ng/ul#	38
53) 4-Nitrophenol	15.42	109	240	0.08	ng/ul#	5
59) Fluorene	16.39	166	1291	0.06	ng/ul#	6
65) N-Nitrosodiphenylamine	16.50	169	832	0.04	ng/ul#	8
72) Anthracene	18.23	178	214	0.01	ng/ul#	1
76) Di-n-butylphthalate	19.00	149	410	0.01	ng/ul#	79
80) Pyrene	20.44	202	1356	0.03	ng/ul#	1
81) Butylbenzylphthalate	21.27	149	126	0.01	ng/ul#	83
83) Benzo(a)anthracene	22.20	228	2116	0.05	ng/ul#	60
84) Bis(2-ethylhexyl)phthalate	22.03	149	533	0.02	ng/ul#	53
85) Chrysene	22.20	228	2116	0.05	ng/ul#	58
87) Di-n-octyl phthalate	23.03	149	344	0.01	ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	115	0.00	ng/ul#	1
91) Benzo(a)pyrene	24.70	252	4607	0.11	ng/ul#	51

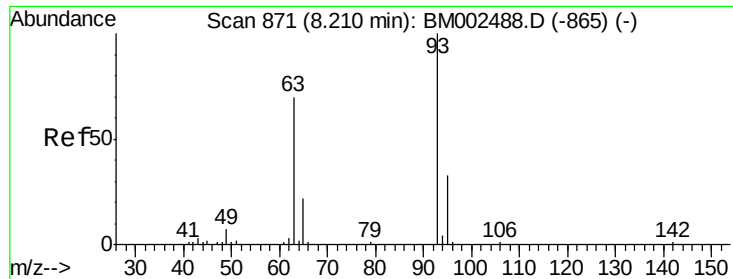
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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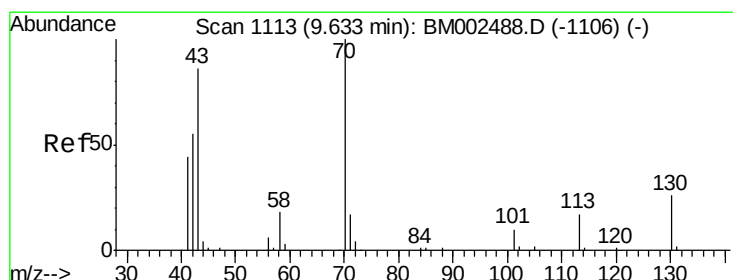
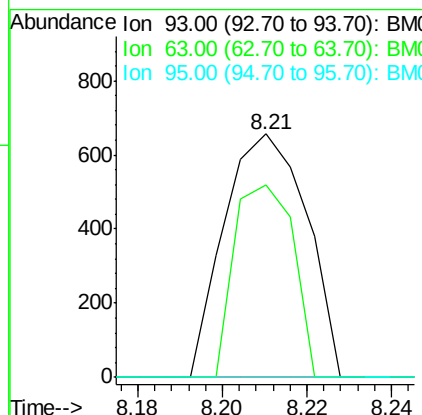
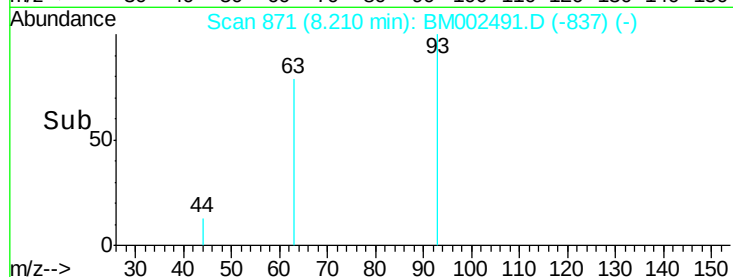
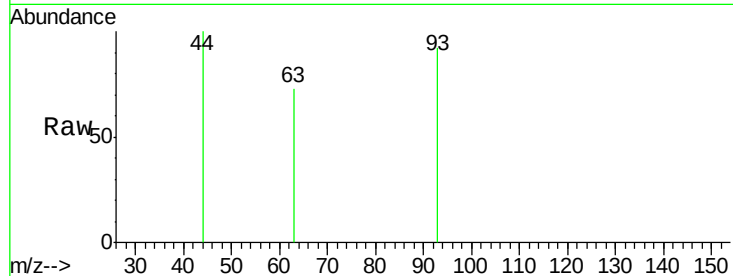




#8
 Bis(2-Chloroethyl)ether
 Concen: 0.13 ng/ul
 RT: 8.21 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BM002491.D
 Acq: 19 Aug 2015 15:04

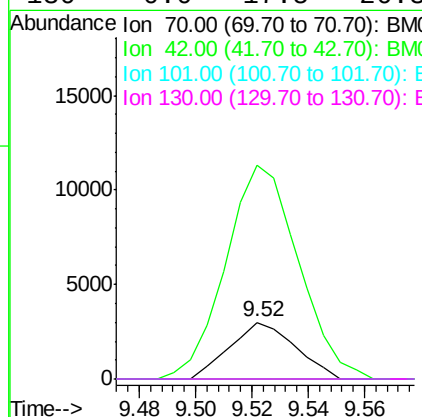
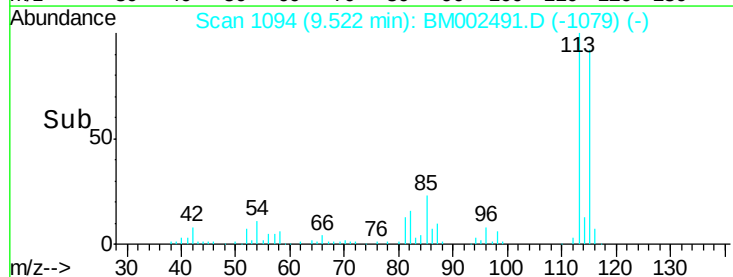
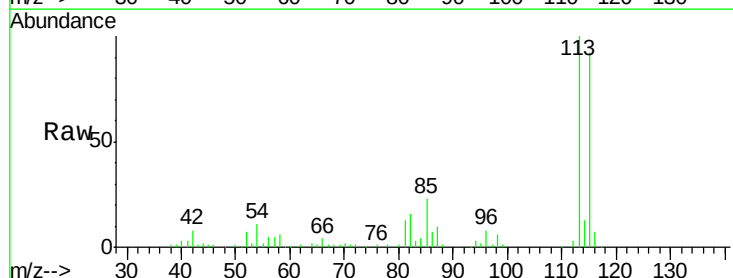
Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-W

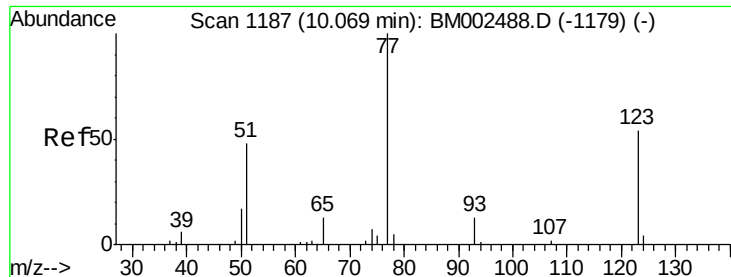
Tgt Ion: 93 Resp: 890
 Ion Ratio Lower Upper
 93 100
 63 79.0 64.6 97.0
 95 0.0 26.6 40.0#



#15
 N-Nitroso-di-n-propylamine
 Concen: 0.81 ng/ul
 RT: 9.52 min Scan# 1094
 Delta R.T. -0.11 min
 Lab File: BM002491.D
 Acq: 19 Aug 2015 15:04

Tgt Ion: 70 Resp: 4823
 Ion Ratio Lower Upper
 70 100
 42 377.6 53.4 80.0#
 101 0.0 7.7 11.5#
 130 0.0 17.5 26.3#





#20

Nitrobenzene

Concen: 0.05 ng/ul

RT: 10.03 min Scan# 1180

Delta R.T. -0.04 min

Lab File: BM002491.D

Acq: 19 Aug 2015 15:04

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

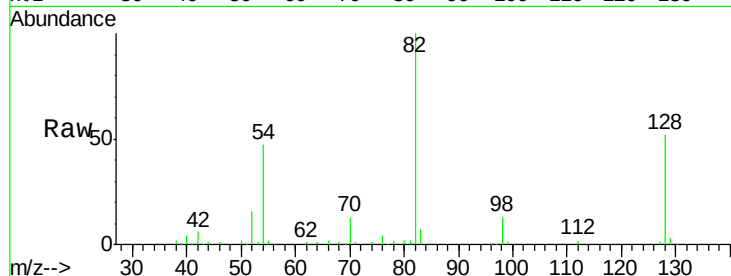
Tgt Ion: 77 Resp: 449

Ion Ratio Lower Upper

77 100

123 0.0 37.0 55.6#

65 0.0 11.0 16.6#

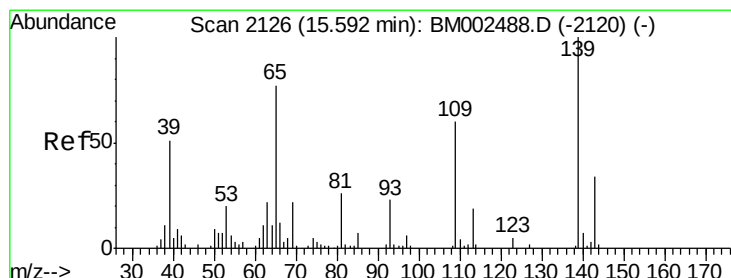
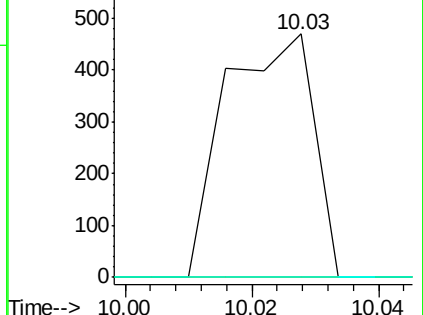
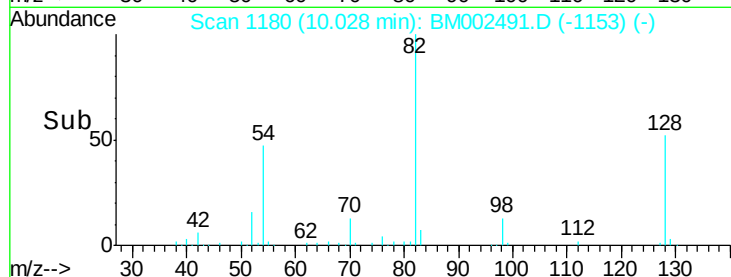


Abundance Ion 77.00 (76.70 to 77.70): BM002488.D (-1179) (-)

Ion 123.00 (122.70 to 123.70): BM002488.D (-1179) (-)

Ion 65.00 (64.70 to 65.70): BM002488.D (-1179) (-)

Time-->



#53

4-Nitrophenol

Concen: 0.08 ng/ul

RT: 15.42 min Scan# 2096

Delta R.T. -0.18 min

Lab File: BM002491.D

Acq: 19 Aug 2015 15:04

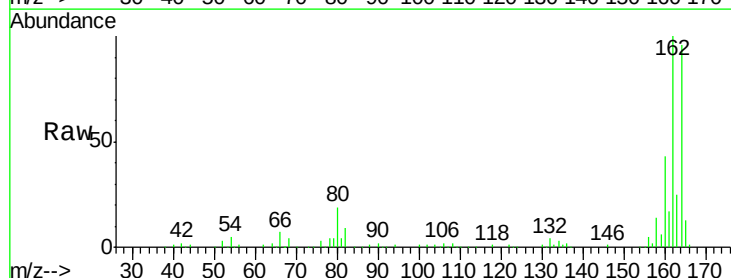
Tgt Ion: 109 Resp: 240

Ion Ratio Lower Upper

109 100

139 0.0 118.7 178.1#

65 236.1 116.6 174.8#

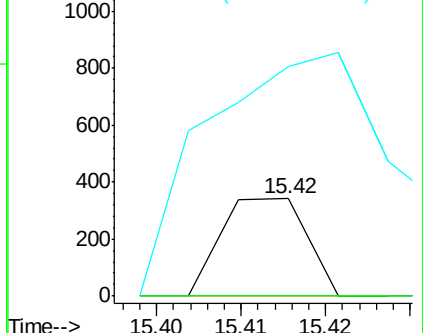
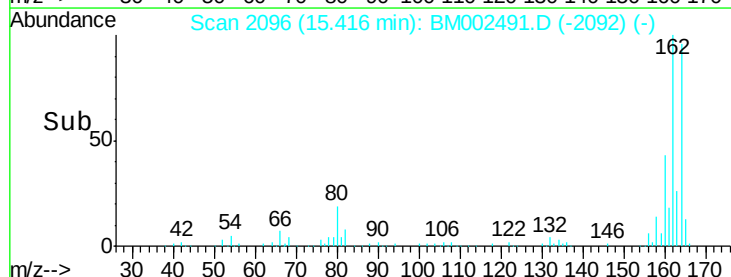


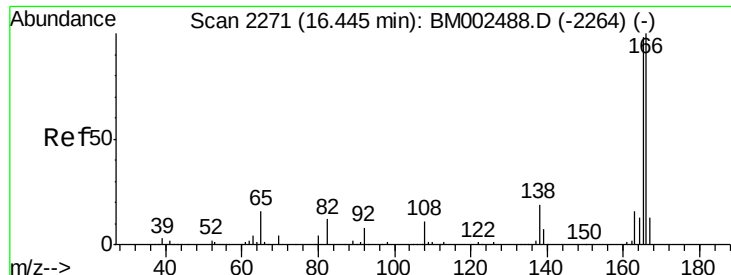
Abundance Ion 109.00 (108.70 to 109.70): BM002488.D (-2120) (-)

Ion 139.00 (138.70 to 139.70): BM002488.D (-2120) (-)

Ion 65.00 (64.70 to 65.70): BM002488.D (-2120) (-)

Time-->

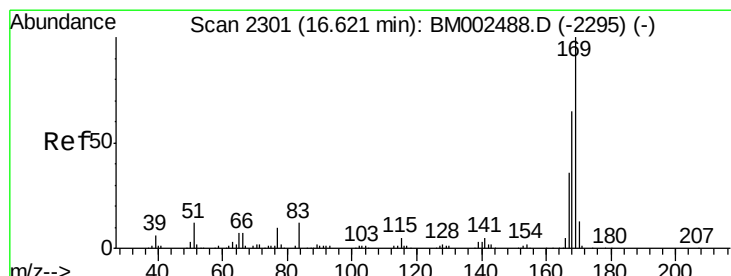
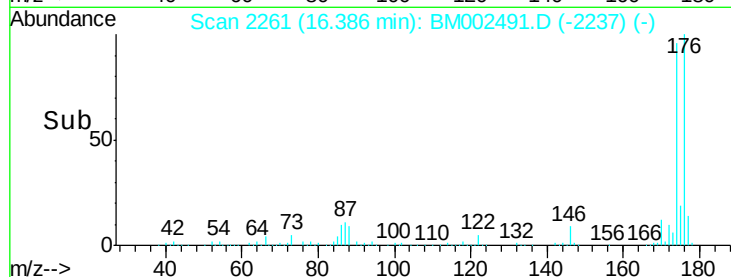
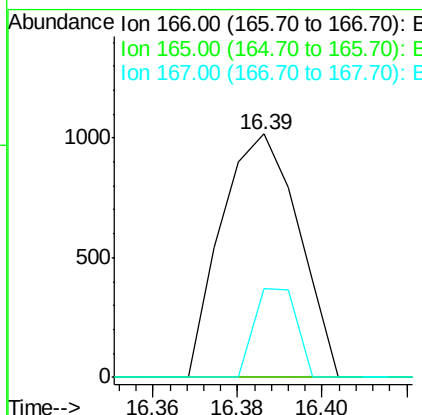
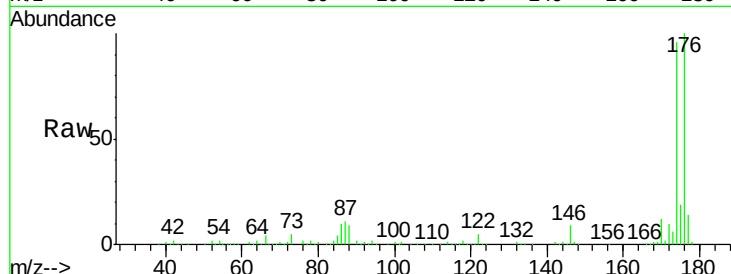




#59
 Fluorene
 Concen: 0.06 ng/ul
 RT: 16.39 min Scan# 2261
 Delta R.T. -0.06 min
 Lab File: BM002491.D
 Acq: 19 Aug 2015 15:04

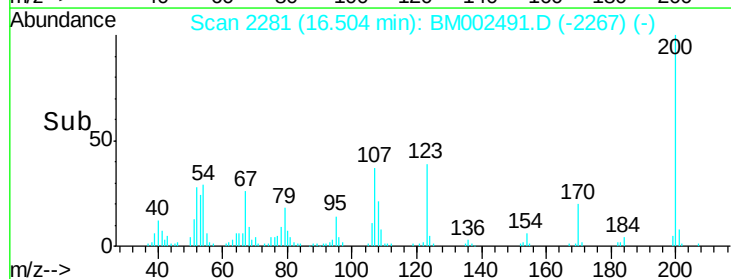
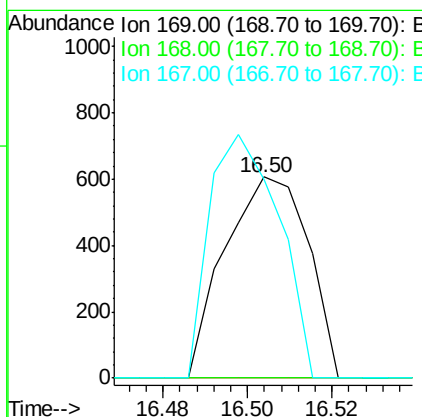
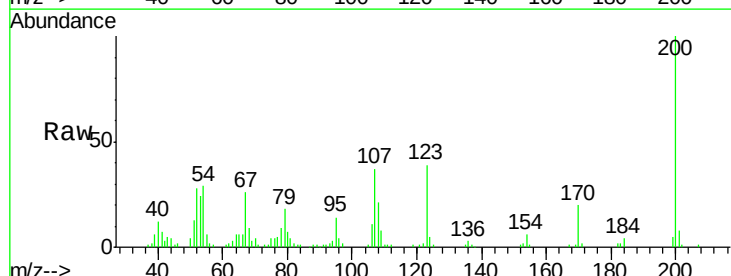
Instrument :
 BNA_M
 ClientSampled :
 MDL-BLK-W

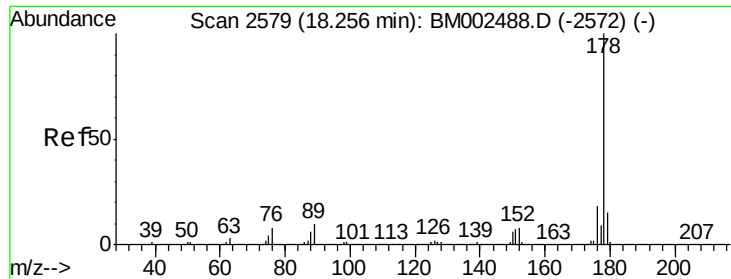
Tgt Ion:166 Resp: 1291
 Ion Ratio Lower Upper
 166 100
 165 0.0 77.5 116.3#
 167 36.2 10.4 15.6#



#65
 N-Nitrosodiphenylamine
 Concen: 0.04 ng/ul
 RT: 16.50 min Scan# 2281
 Delta R.T. -0.12 min
 Lab File: BM002491.D
 Acq: 19 Aug 2015 15:04

Tgt Ion:169 Resp: 832
 Ion Ratio Lower Upper
 169 100
 168 0.0 53.4 80.2#
 167 98.7 28.8 43.2#





#72

Anthracene

Concen: 0.01 ng/ul

RT: 18.23 min Scan# 2574

Delta R.T. -0.03 min

Lab File: BM002491.D

Acq: 19 Aug 2015 15:04

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

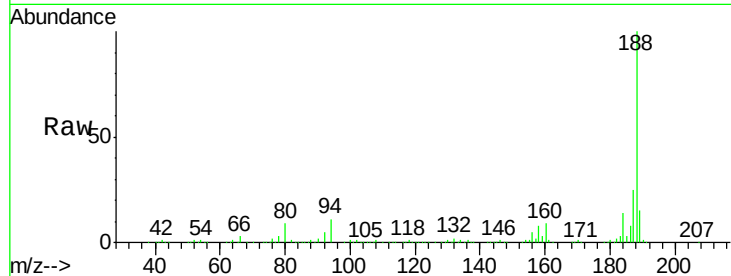
Tgt Ion:178 Resp: 214

Ion Ratio Lower Upper

178 100

179 209.9 12.3 18.5#

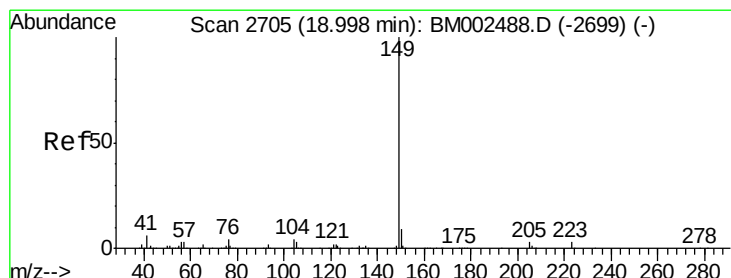
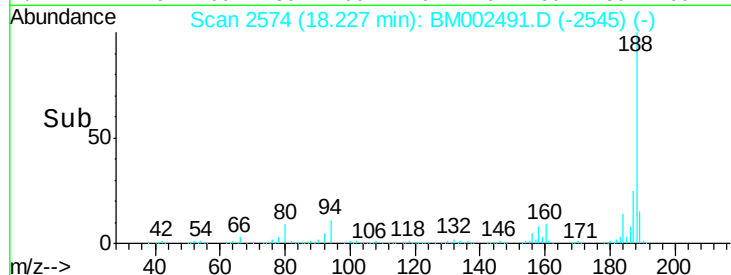
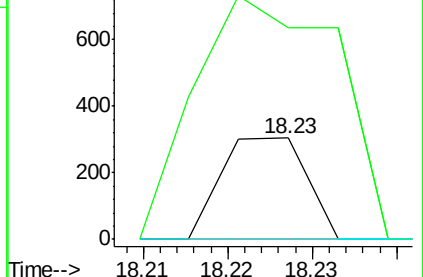
176 0.0 14.5 21.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Di-n-butylphthalate

Concen: 0.01 ng/ul

RT: 19.00 min Scan# 2705

Delta R.T. 0.00 min

Lab File: BM002491.D

Acq: 19 Aug 2015 15:04

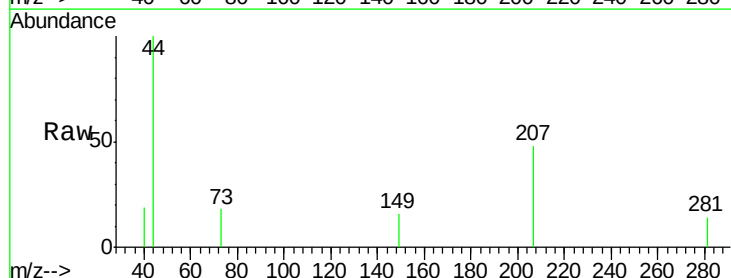
Tgt Ion:149 Resp: 410

Ion Ratio Lower Upper

149 100

150 0.0 7.3 10.9#

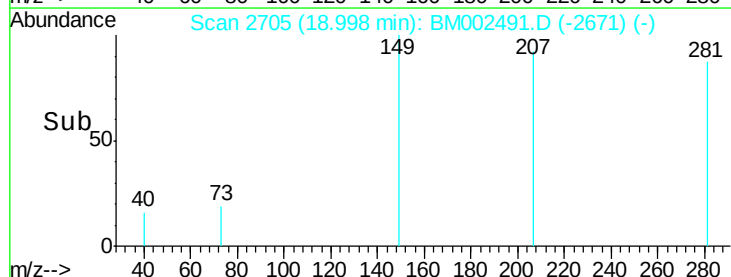
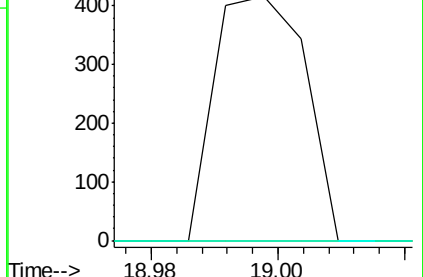
104 0.0 3.8 5.6#

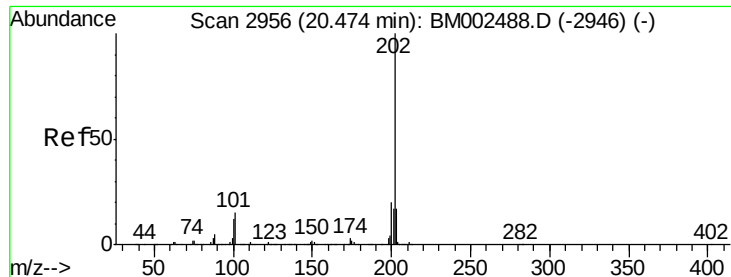


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

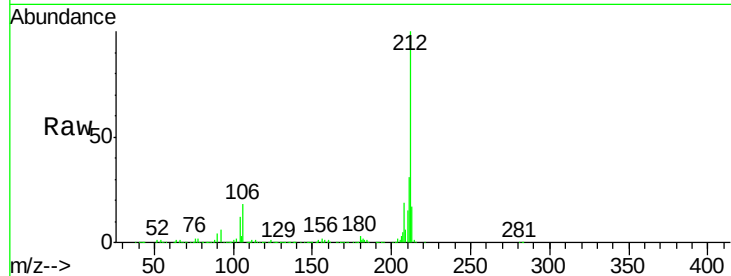




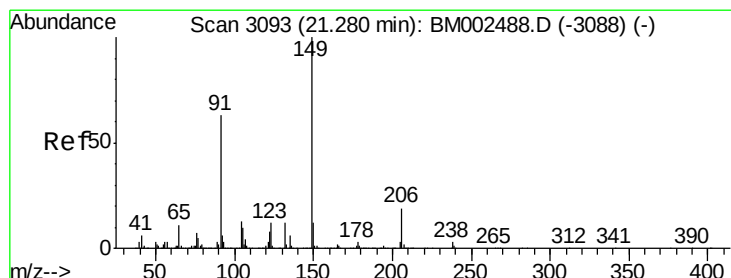
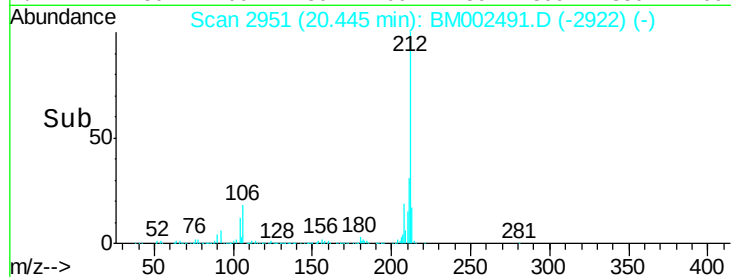
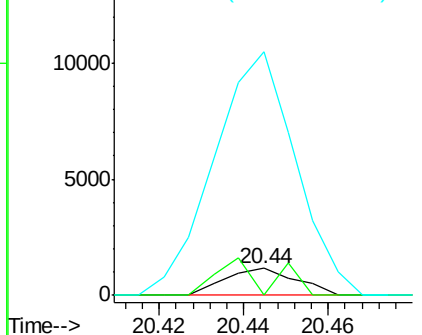
#80
 Pyrene
 Concen: 0.03 ng/ul
 RT: 20.44 min Scan# 2951
 Delta R.T. -0.03 min
 Lab File: BM002491.D
 Acq: 19 Aug 2015 15:04

Instrument :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	13.0	19.6#
100	894.1	11.0	16.4#

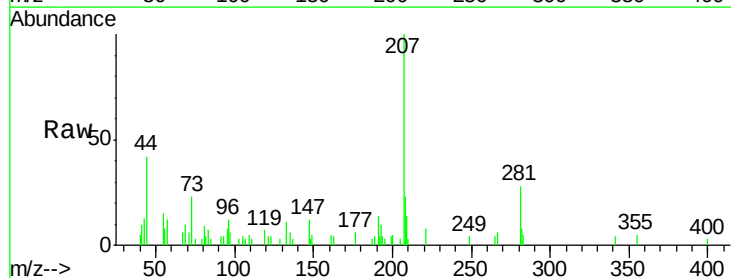


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

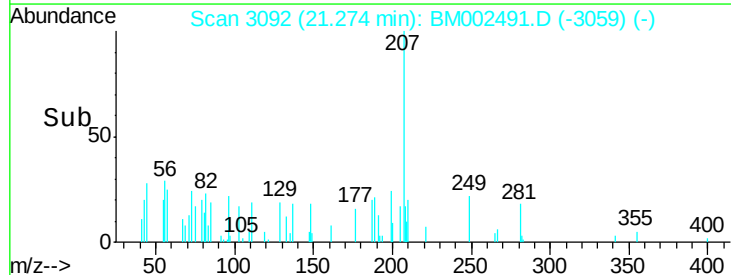
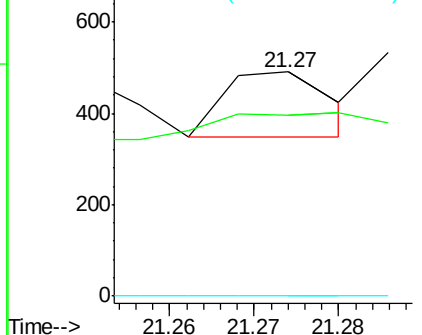


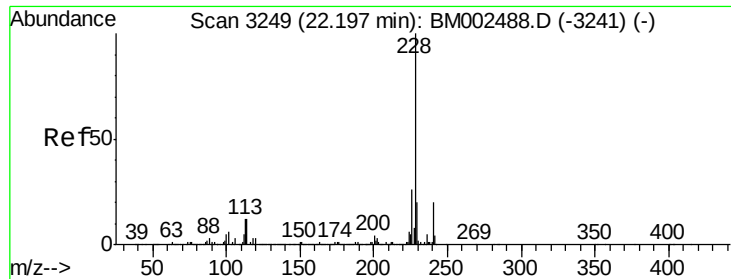
#81
 Butylbenzylphthalate
 Concen: 0.01 ng/ul
 RT: 21.27 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM002491.D
 Acq: 19 Aug 2015 15:04

Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.7	57.5	86.3
206	0.0	15.2	22.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#83

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 22.20 min Scan# 3250

Delta R.T. 0.01 min

Lab File: BM002491.D

Acq: 19 Aug 2015 15:04

Instrument :

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ClientSampleId :

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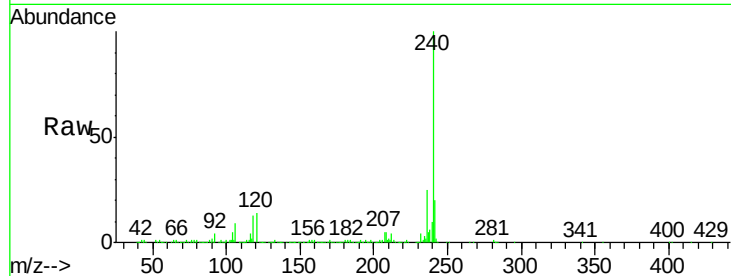
Tgt Ion:228 Resp: 2116

Ion Ratio Lower Upper

228 100

229 30.3 15.7 23.5#

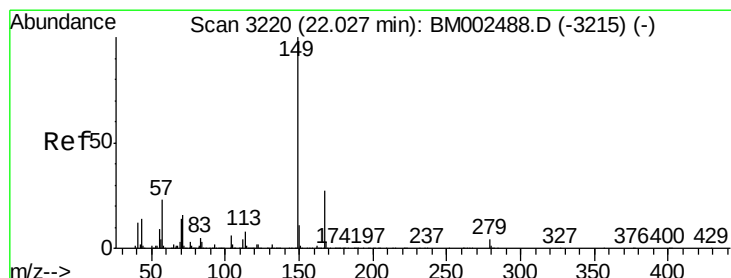
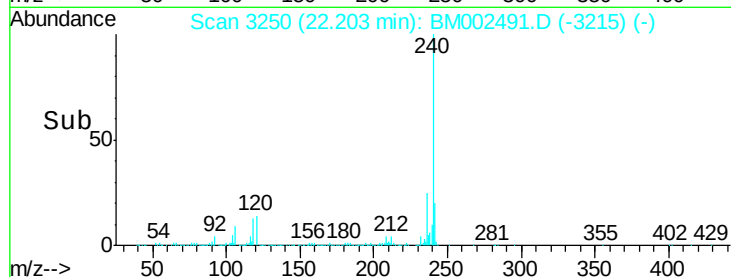
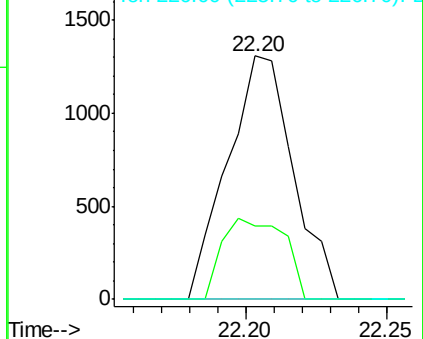
226 0.0 21.4 32.0#



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: 22.03 min Scan# 3220

Delta R.T. 0.00 min

Lab File: BM002491.D

Acq: 19 Aug 2015 15:04

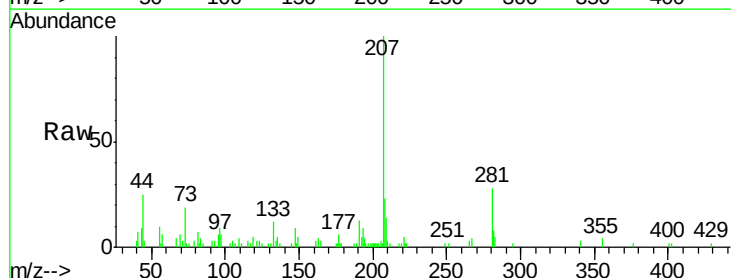
Tgt Ion:149 Resp: 533

Ion Ratio Lower Upper

149 100

167 0.0 21.4 32.2#

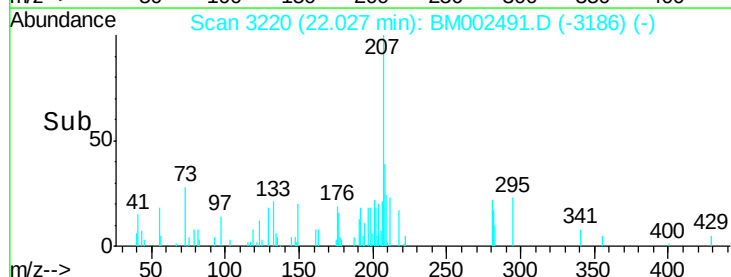
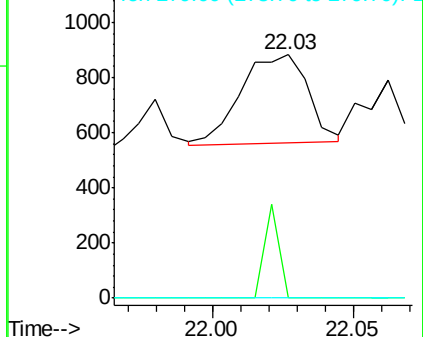
279 0.0 3.2 4.8#

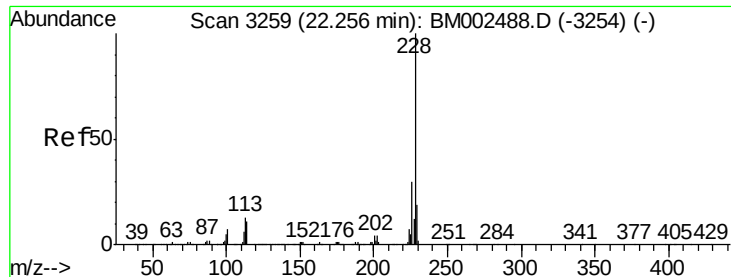


Abundance Ion 149.00 (148.70 to 149.70): E

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: 22.20 min Scan# 3250

Delta R.T. -0.05 min

Lab File: BM002491.D

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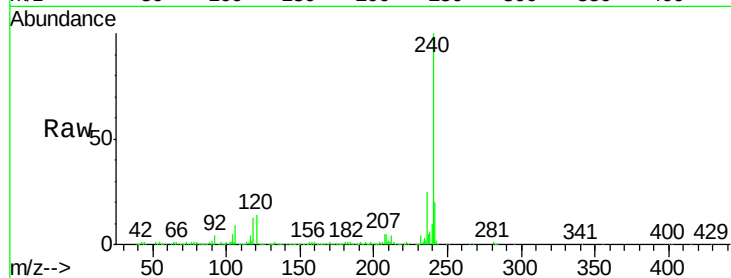
Tgt Ion:228 Resp: 2116

Ion Ratio Lower Upper

228 100

226 0.0 23.4 35.0#

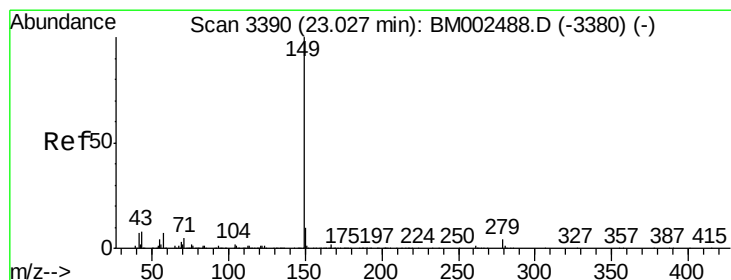
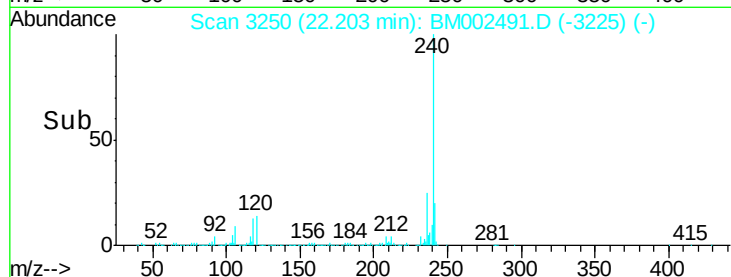
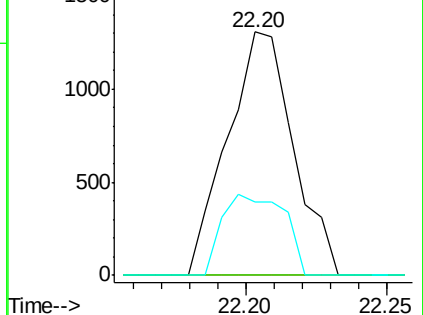
229 30.3 15.5 23.3#



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



#87

Di-n-octyl phthalate

Concen: 0.01 ng/ul

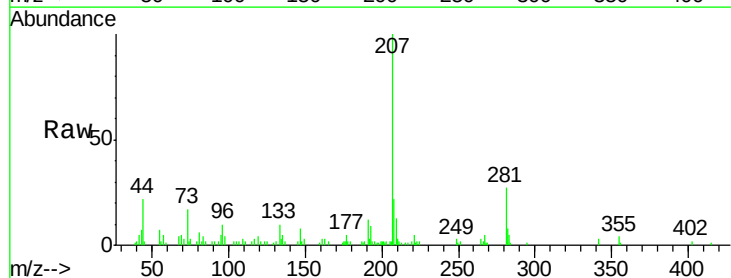
RT: 23.03 min Scan# 3390

Delta R.T. 0.00 min

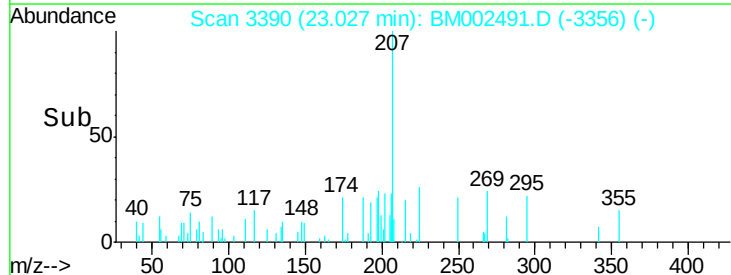
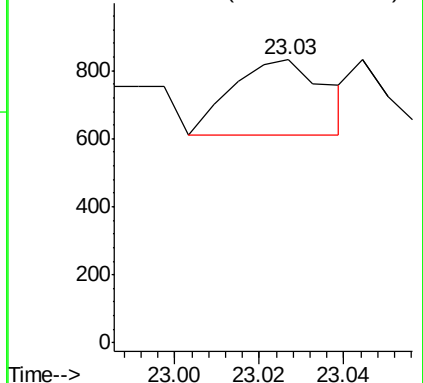
Lab File: BM002491.D

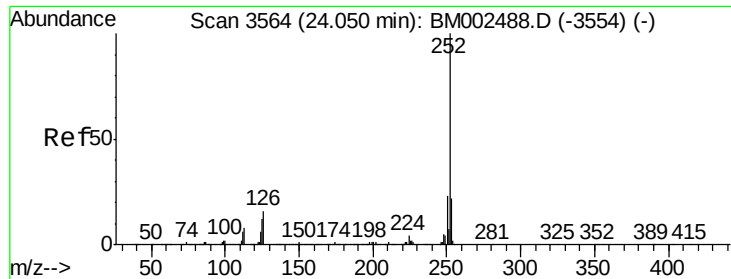
Acq: 19 Aug 2015 15:04

Tgt Ion:149 Resp: 344



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 24.03 min Scan# 3560

Delta R.T. -0.02 min

Lab File: BM002491.D

Acq: 19 Aug 2015 15:04

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

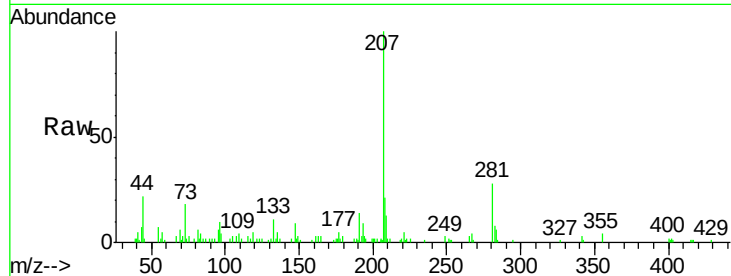
Tgt Ion:252 Resp: 115

Ion Ratio Lower Upper

252 100

253 99.1 17.9 26.9#

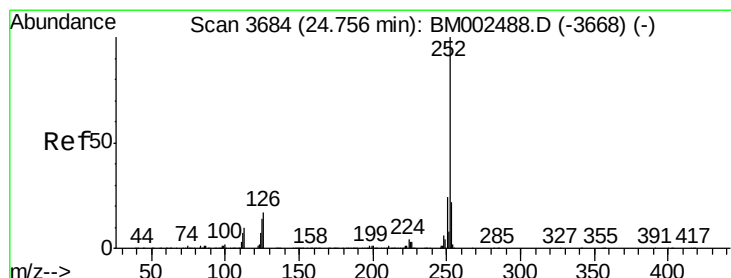
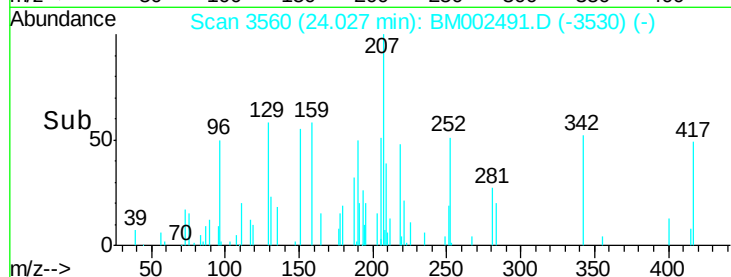
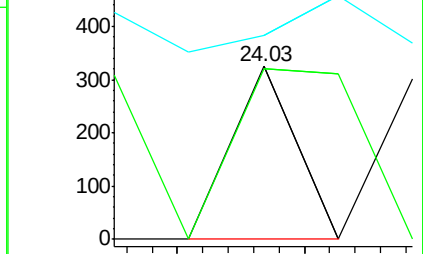
125 117.8 10.3 15.5#



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



#91

Benzo(a)pyrene

Concen: 0.11 ng/ul

RT: 24.70 min Scan# 3674

Delta R.T. -0.06 min

Lab File: BM002491.D

Acq: 19 Aug 2015 15:04

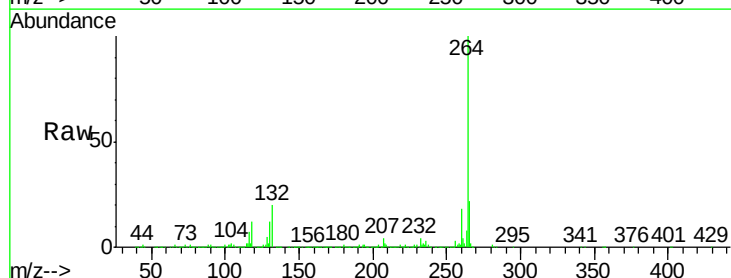
Tgt Ion:252 Resp: 4607

Ion Ratio Lower Upper

252 100

253 45.9 17.3 25.9#

125 32.7 11.0 16.6#



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

