

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042816\
 Data File : BM005126.D
 Acq On : 28 Apr 2016 22:40
 Operator : UM/SJ
 Sample : H2639-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7N8

Quant Time: Apr 29 02:24:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 29 02:20:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	46828	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	217560	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	131269	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	303022	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	288504	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	239690	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	1170	1.27	ng/uL	0.00
5) Phenol-d5	6.96	99	26901	6.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	66751	30.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	77692	25.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	54298	16.53	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	48388	32.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	56444	33.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	96257	30.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	519	0.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	313938	30.28	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	376449	30.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	11988	6.62	ng/ul	0.01
57) Fluorene-d10	15.43	176	273920	30.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	52816	30.64	ng/ul	0.00
70) Anthracene-d10	17.27	188	412671	30.37	ng/ul	0.00
76) Pyrene-d10	19.57	212	443255	33.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	324885	30.25	ng/ul	0.00

Target Compounds

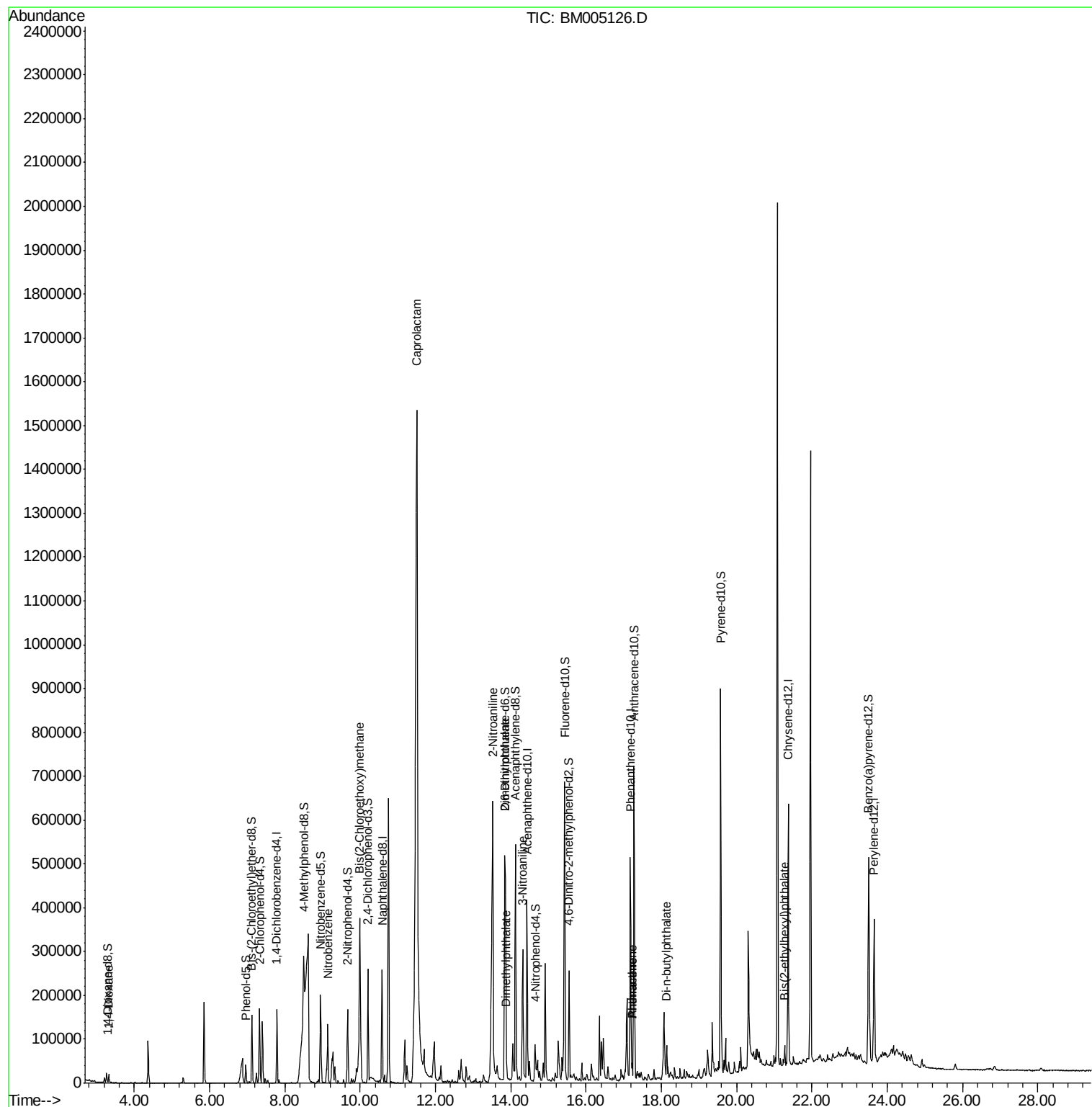
						Qvalue
2) 1,4-Dioxane	3.32	88	9968	5.83	ng/uL	97
20) Nitrobenzene	9.14	77	12884	3.47	ng/ul#	42
25) Bis(2-Chloroethoxy)methane	9.99	93	9166	2.09	ng/ul#	82
32) Caprolactam	11.51	113	27307	24.05	ng/ul#	1
42) 2-Nitroaniline	13.53	65	2373	1.11	ng/ul#	1
44) Dimethylphthalate	13.89	163	17714	1.70	ng/ul	99
45) 2,6-Dinitrotoluene	13.84	165	2335	1.16	ng/ul#	90
48) 3-Nitroaniline	14.32	138	7167	3.51	ng/ul#	1
69) Phenanthrene	17.22	178	20946	1.30	ng/ul	98
71) Anthracene	17.22	178	20946	1.29	ng/ul	97
73) Di-n-butylphthalate	18.14	149	51349	3.15	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	15082	1.68	ng/ul	97

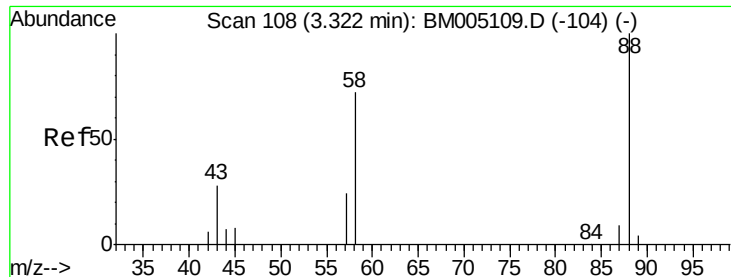
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 29 02:20:37 2016
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 5.83 ng/uL

RT: 3.32 min Scan# 108

Delta R.T. -0.00 min

Lab File: BM005126.D

Acq: 28 Apr 2016 22:40

Instrument :

BNA_M

ClientSampled :

BC7N8

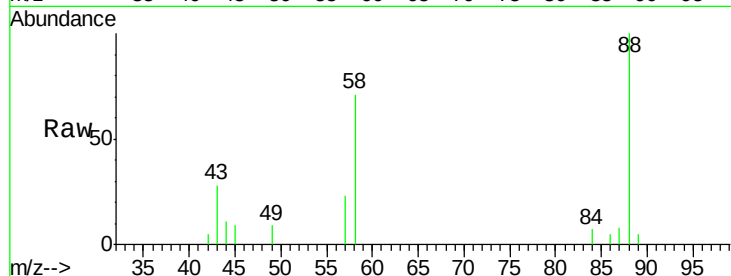
Tgt Ion: 88 Resp: 9968

Ion Ratio Lower Upper

88 100

43 25.3 23.0 34.4

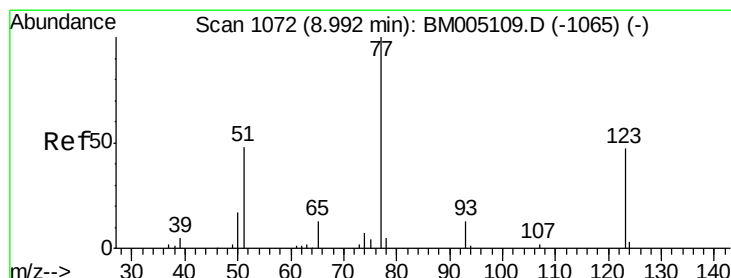
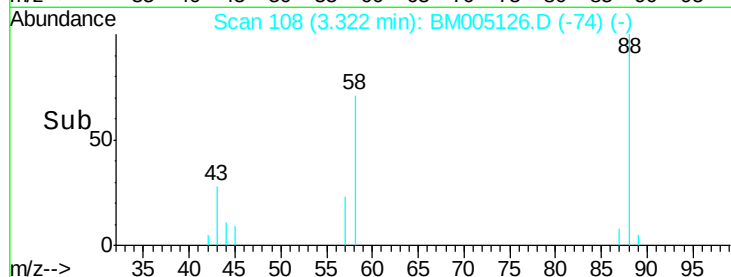
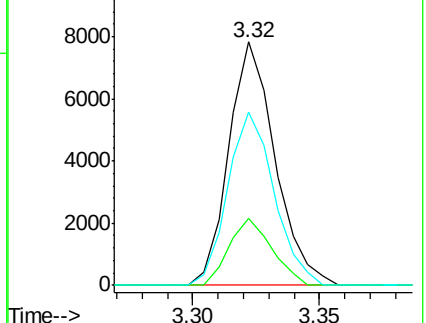
58 71.0 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): BM005109.D (-104) (-)

Ion 43.00 (42.70 to 43.70): BM005109.D (-104) (-)

Ion 58.00 (57.70 to 58.70): BM005109.D (-104) (-)



#20

Nitrobenzene

Concen: 3.47 ng/uL

RT: 9.14 min Scan# 1097

Delta R.T. 0.15 min

Lab File: BM005126.D

Acq: 28 Apr 2016 22:40

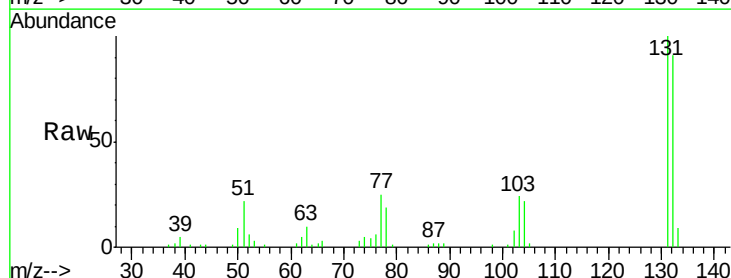
Tgt Ion: 77 Resp: 12884

Ion Ratio Lower Upper

77 100

123 0.0 37.7 56.5#

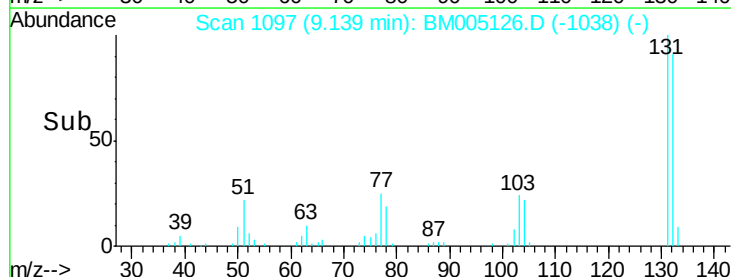
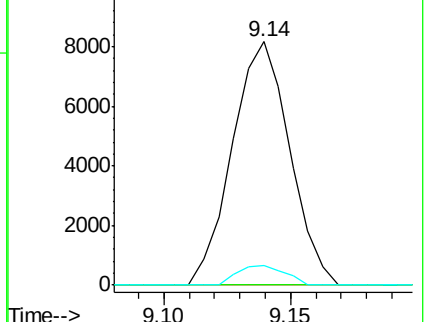
65 7.8 10.9 16.3#

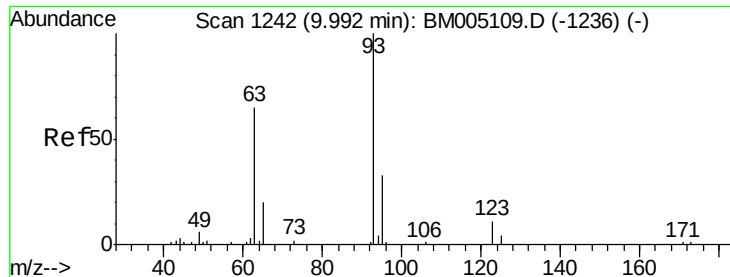


Abundance Ion 77.00 (76.70 to 77.70): BM005109.D (-1065) (-)

Ion 123.00 (122.70 to 123.70): BM005109.D (-1065) (-)

Ion 65.00 (64.70 to 65.70): BM005109.D (-1065) (-)





#25

Bis(2-Chloroethoxy)methane

Concen: 2.09 ng/ul

RT: 9.99 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BM005126.D

Acq: 28 Apr 2016 22:40

Instrument :

BNA_M

ClientSampleId :

BC7N8

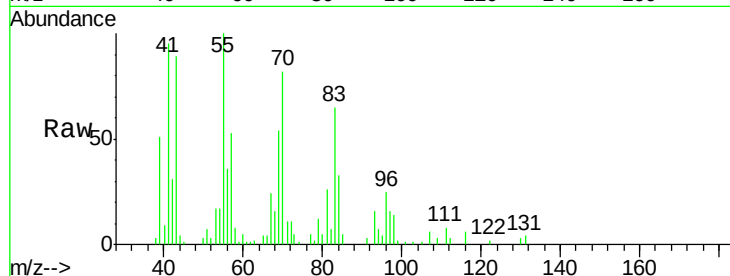
Tgt Ion: 93 Resp: 9166

Ion Ratio Lower Upper

93 100

95 25.0 26.2 39.2#

123 0.0 9.4 14.0#

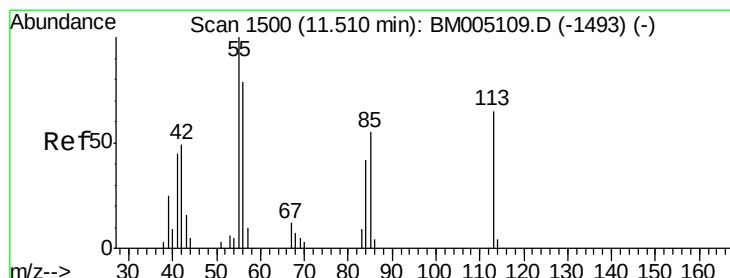
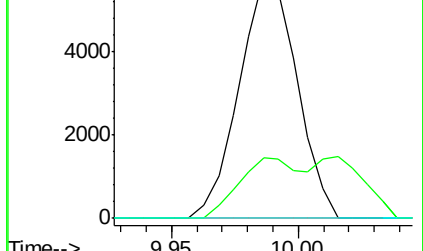
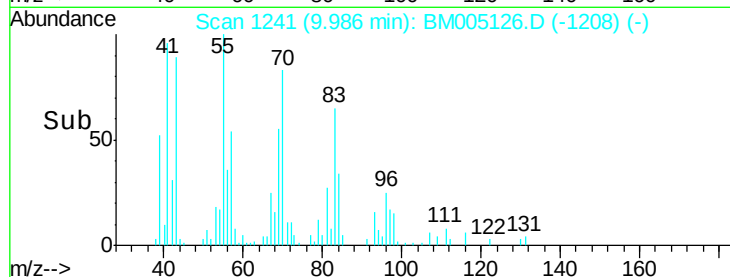


Abundance Ion 93.00 (92.70 to 93.70): BM005109.D (-1236) (-)

Ion 95.00 (94.70 to 95.70): BM005109.D (-1236) (-)

Ion 123.00 (122.70 to 123.70): BM005109.D (-1236) (-)

Time-->



#32

Caprolactam

Concen: 24.05 ng/ul

RT: 11.51 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BM005126.D

Acq: 28 Apr 2016 22:40

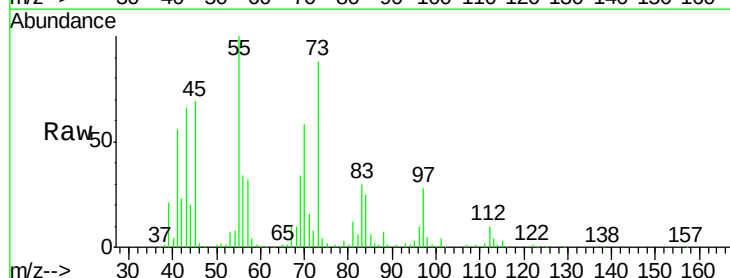
Tgt Ion: 113 Resp: 27307

Ion Ratio Lower Upper

113 100

55 2351.9 117.0 175.4#

56 789.3 87.7 131.5#

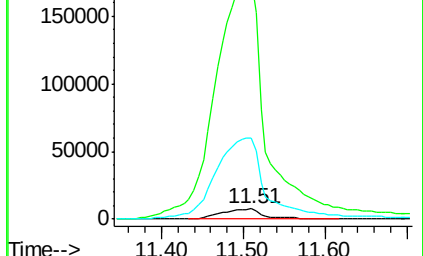
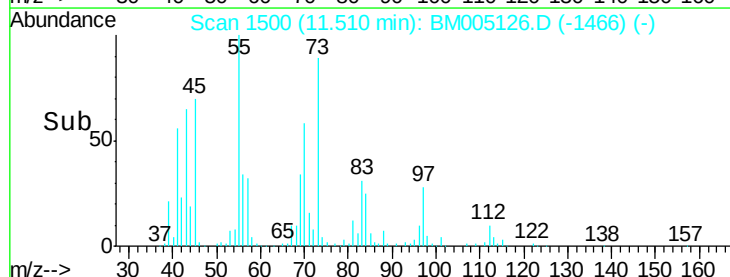


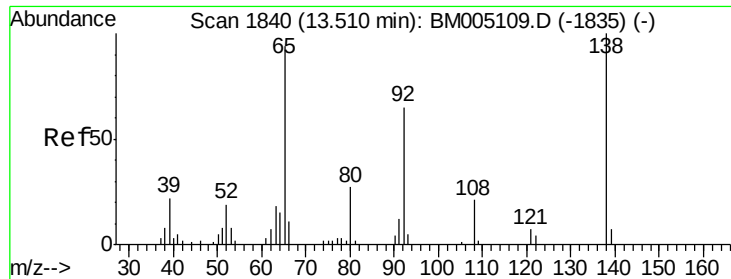
Abundance Ion 113.00 (112.70 to 113.70): BM005109.D (-1493) (-)

Ion 55.00 (54.70 to 55.70): BM005109.D (-1493) (-)

Ion 56.00 (55.70 to 56.70): BM005109.D (-1493) (-)

Time-->





#42

2-Nitroaniline

Concen: 1.11 ng/ul

RT: 13.53 min Scan# 1843

Delta R.T. 0.02 min

Lab File: BM005126.D

Acq: 28 Apr 2016 22:40

Instrument :

BNA_M

ClientSampleId :

BC7N8

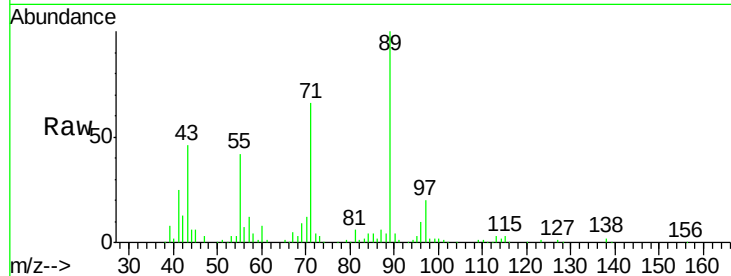
Tgt Ion: 65 Resp: 2373

Ion Ratio Lower Upper

65 100

92 0.0 56.9 85.3#

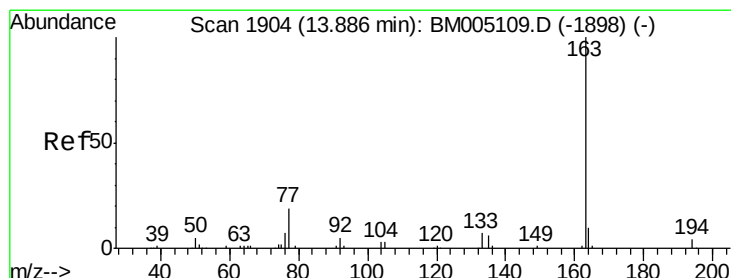
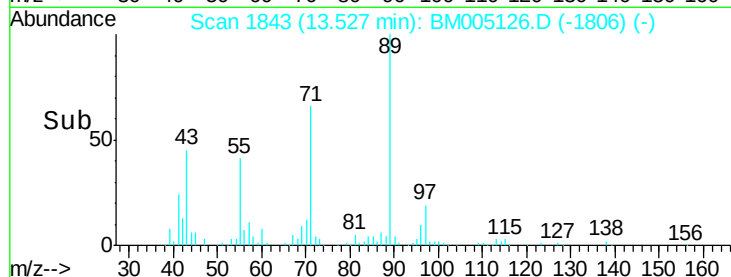
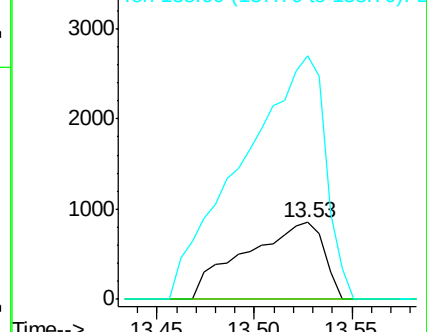
138 315.6 89.3 133.9#



Abundance Ion 65.00 (64.70 to 65.70): BM005109.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): BM005109.D (-1835) (-)

Ion 138.00 (137.70 to 138.70): BM005109.D (-1835) (-)



#44

Dimethylphthalate

Concen: 1.70 ng/ul

RT: 13.89 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BM005126.D

Acq: 28 Apr 2016 22:40

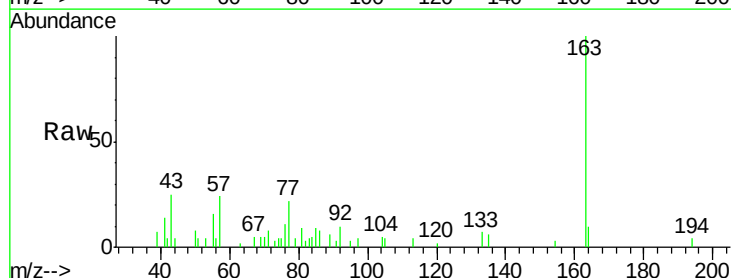
Tgt Ion: 163 Resp: 17714

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

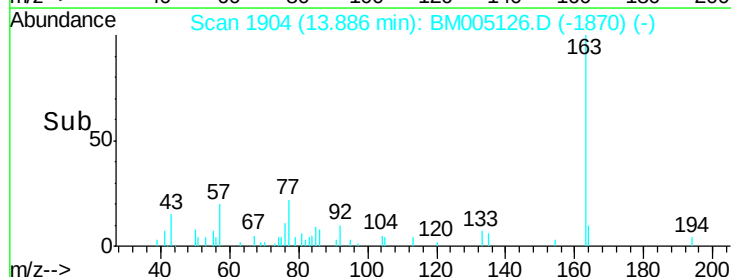
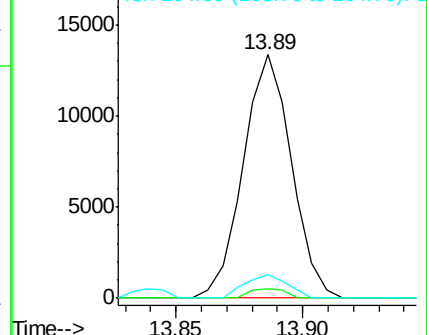
164 9.8 8.2 12.2

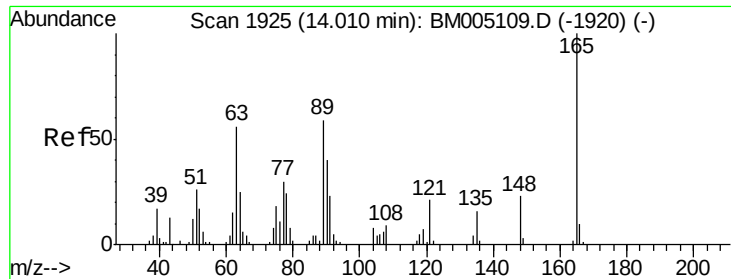


Abundance Ion 163.00 (162.70 to 163.70): BM005109.D (-1898) (-)

Ion 194.00 (193.70 to 194.70): BM005109.D (-1898) (-)

Ion 164.00 (163.70 to 164.70): BM005109.D (-1898) (-)

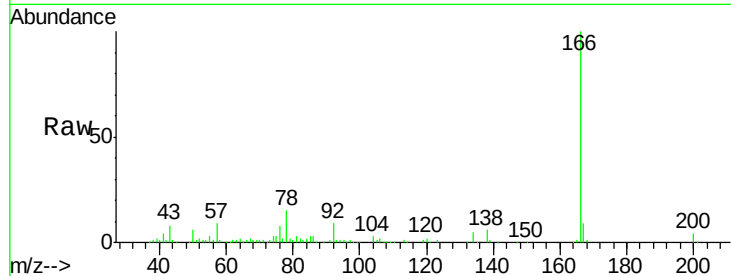




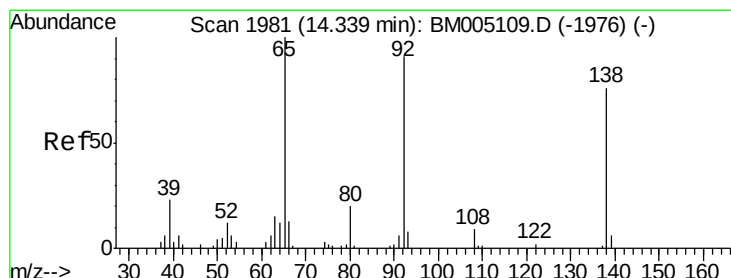
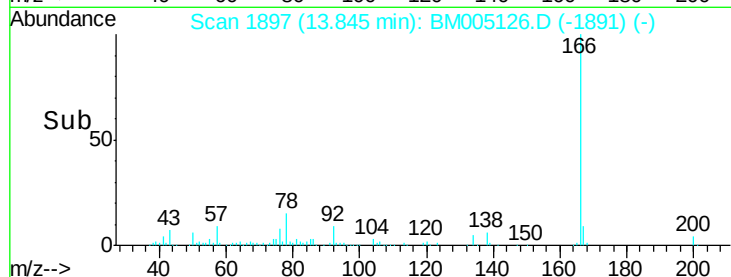
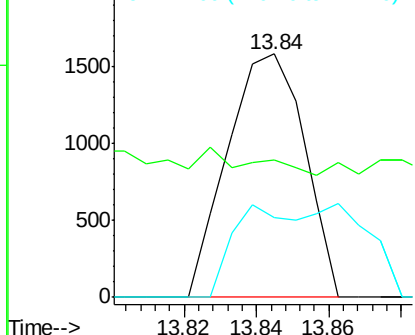
#45
 2,6-Dinitrotoluene
 Concen: 1.16 ng/ul
 RT: 13.84 min Scan# 1897
 Delta R.T. -0.16 min
 Lab File: BM005126.D
 Acq: 28 Apr 2016 22:40

Instrument :
 BNA_M
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 BC7N8

Tgt Ion:165 Resp: 2335
 Ion Ratio Lower Upper
 165 100
 89 56.7 43.1 64.7
 121 32.9 16.0 24.0#

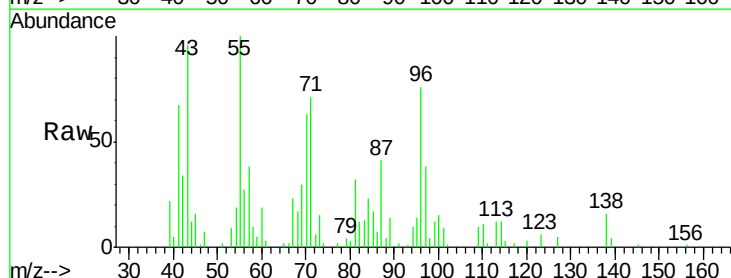


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM
 Ion 121.00 (120.70 to 121.70): E

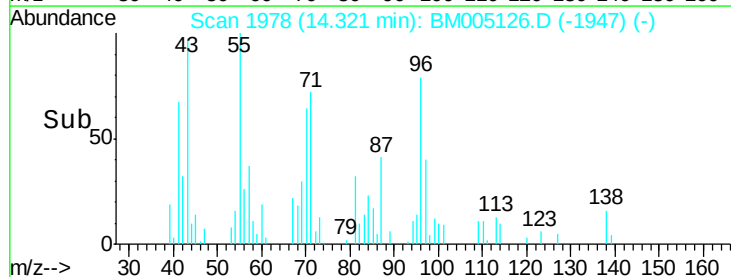
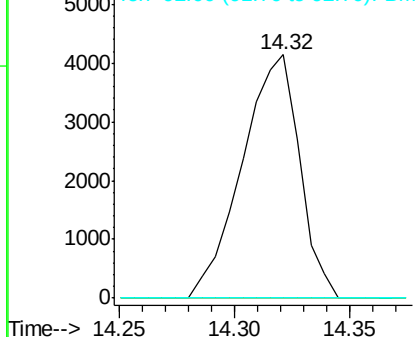


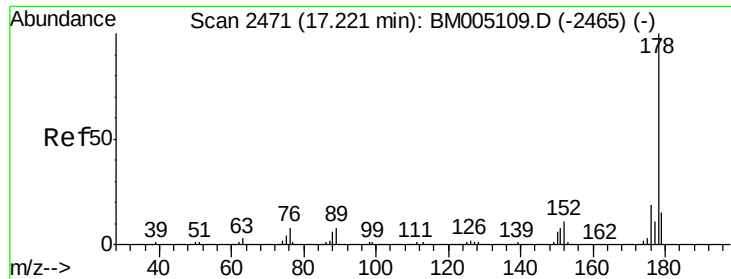
#48
 3-Nitroaniline
 Concen: 3.51 ng/ul
 RT: 14.32 min Scan# 1978
 Delta R.T. -0.02 min
 Lab File: BM005126.D
 Acq: 28 Apr 2016 22:40

Tgt Ion:138 Resp: 7167
 Ion Ratio Lower Upper
 138 100
 108 0.0 8.8 13.2#
 92 0.0 94.9 142.3#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BM

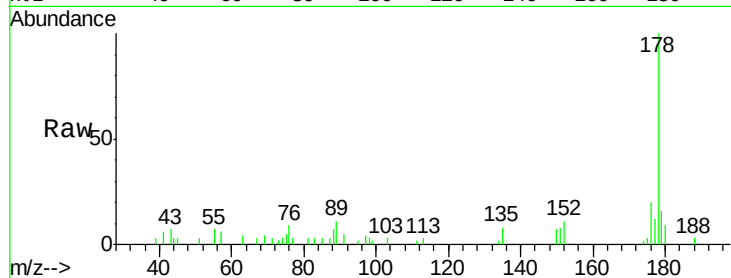




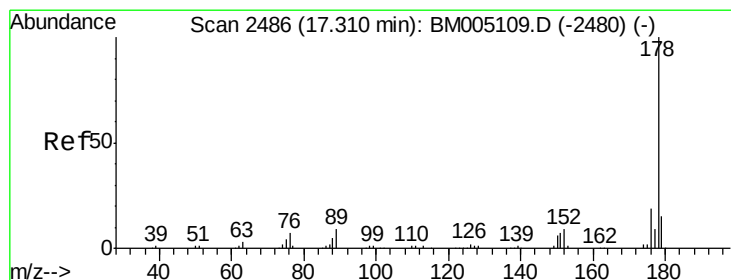
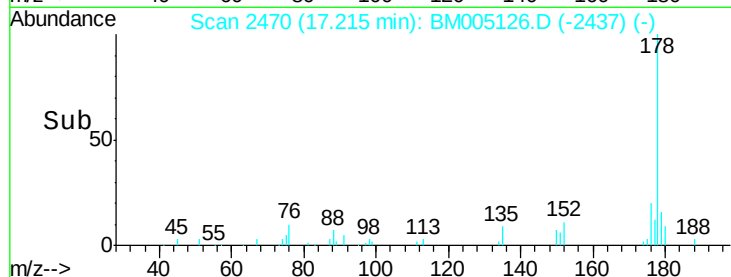
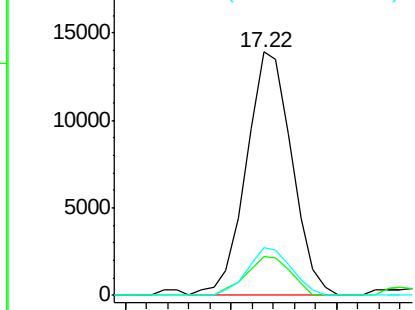
#69
 Phenanthrene
 Concen: 1.30 ng/ul
 RT: 17.22 min Scan# 2470
 Delta R.T. -0.01 min
 Lab File: BM005126.D
 Acq: 28 Apr 2016 22:40

Instrument :
 BNA_M
 ClientSampleId :
 BC7N8

Tgt Ion:178 Resp: 20946
 Ion Ratio Lower Upper
 178 100
 179 16.0 11.8 17.8
 176 19.7 15.2 22.8

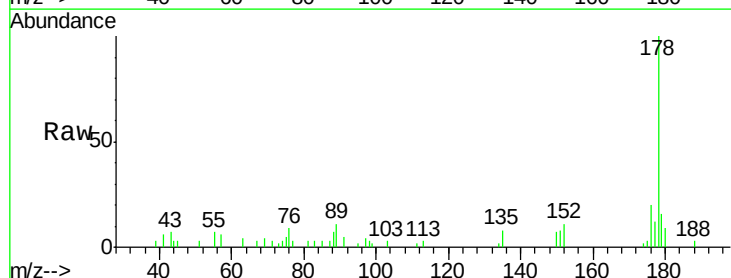


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

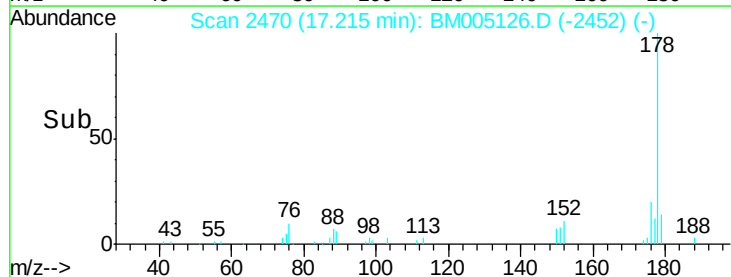
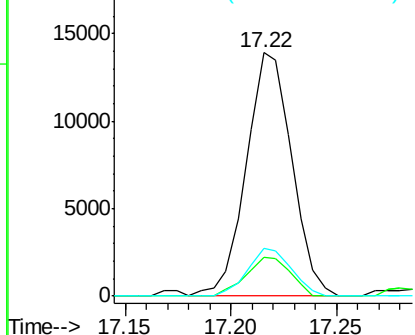


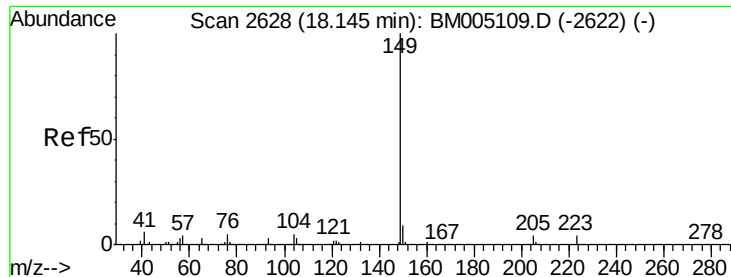
#71
 Anthracene
 Concen: 1.29 ng/ul
 RT: 17.22 min Scan# 2470
 Delta R.T. -0.09 min
 Lab File: BM005126.D
 Acq: 28 Apr 2016 22:40

Tgt Ion:178 Resp: 20946
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.1 18.1
 176 19.7 14.6 22.0



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

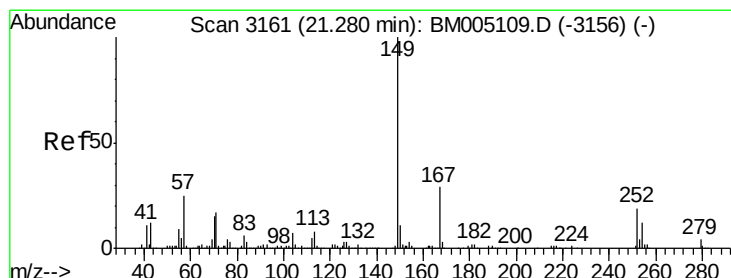
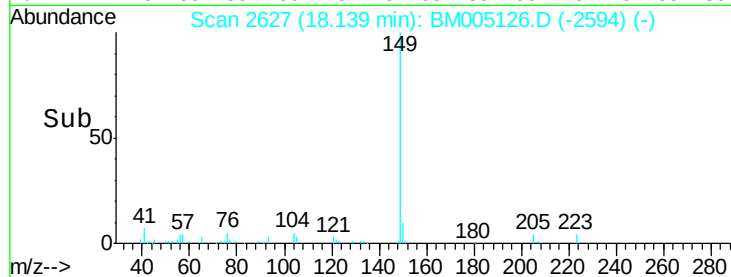
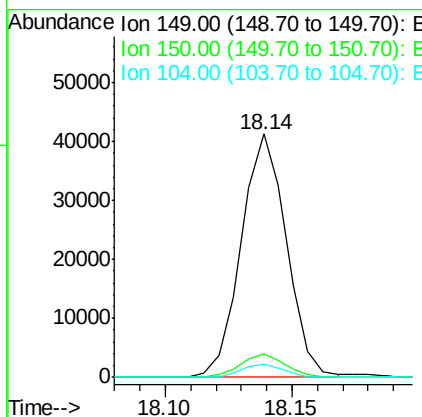
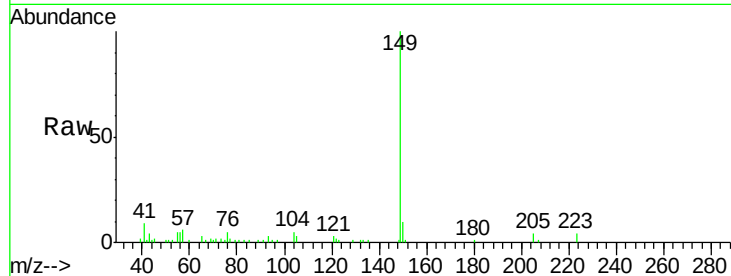




#73
Di-n-butylphthalate
Concen: 3.15 ng/ul
RT: 18.14 min Scan# 2627
Delta R.T. -0.01 min
Lab File: BM005126.D
Acq: 28 Apr 2016 22:40

Instrument :
BNA_M
ClientSampled :
BC7N8

Tgt Ion:149 Resp: 51349
Ion Ratio Lower Upper
149 100
150 9.6 7.3 10.9
104 5.4 3.9 5.9



#81
Bis(2-ethylhexyl)phthalate
Concen: 1.68 ng/ul
RT: 21.27 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BM005126.D
Acq: 28 Apr 2016 22:40

Tgt Ion:149 Resp: 15082
Ion Ratio Lower Upper
149 100
167 30.2 22.7 34.1
279 4.1 3.4 5.0

