

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
 Data File : BM012264.D
 Acq On : 18 Oct 2017 00:35
 Operator : SJ/JU
 Sample : I5664-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 18 02:22:57 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 18 02:19:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	236587	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	817008	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	545601	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1573717	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	1769642	20.00	ng/ul	0.00
83) Perylene-d12	23.68	264	1435416	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	7073	1.42	ng/uL	0.00
5) Phenol-d5	6.96	99	206641	10.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	137440	11.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	186608	11.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	190668	11.54	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	96209	15.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	113965	15.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	215679	15.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	140660	10.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	605133	12.55	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	746647	12.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	47290	6.52	ng/ul	0.00
57) Fluorene-d10	15.43	176	548344	13.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	71086	6.58	ng/ul	0.00
70) Anthracene-d10	17.29	188	1030621	13.24	ng/ul	0.00
76) Pyrene-d10	19.59	212	1257200	14.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	865412	12.51	ng/ul	0.00

Target Compounds

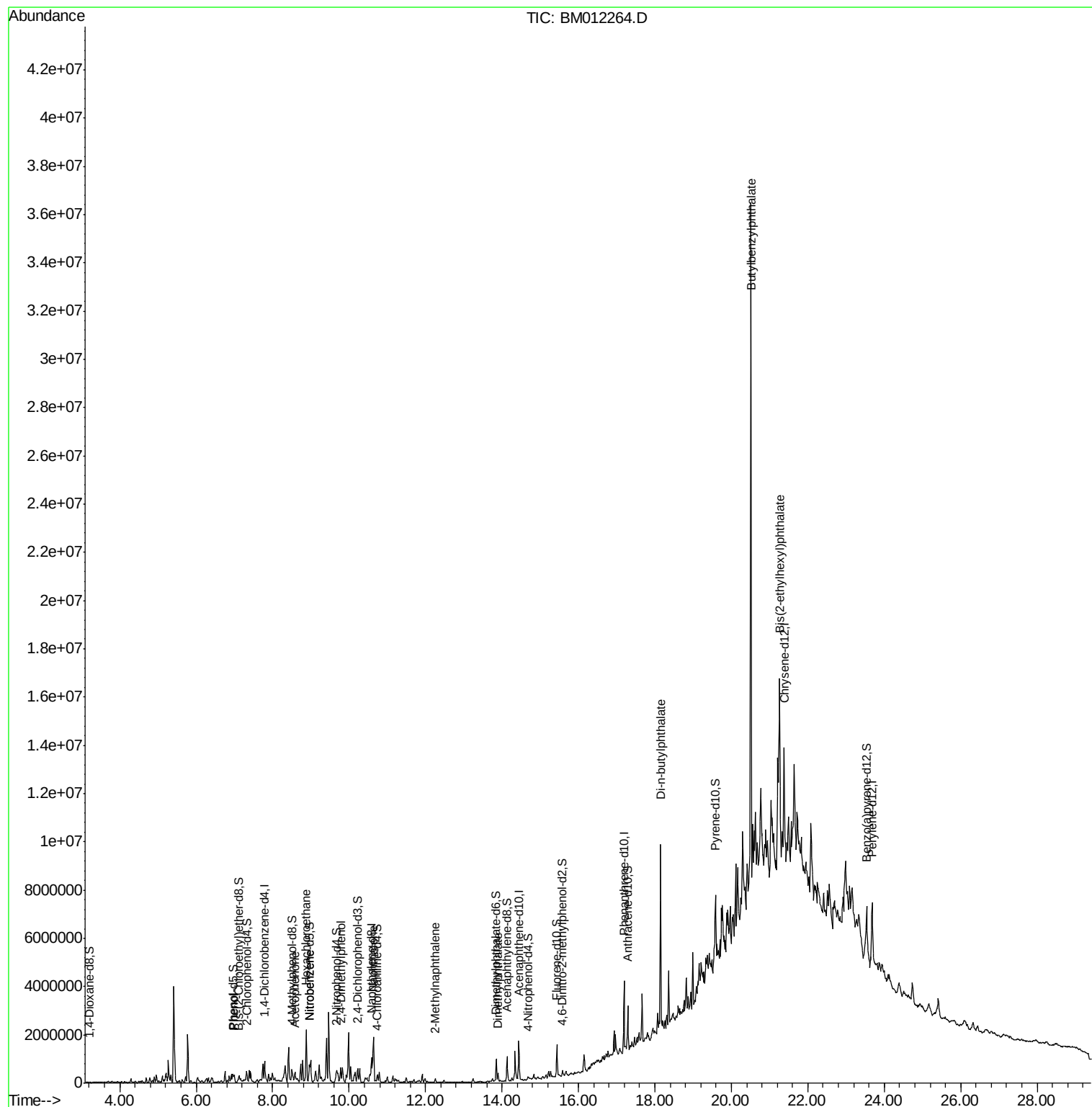
					Ovalue	
6) Phenol	6.99	94	24978	1.259	ng/ul#	76
14) Acetophenone	8.58	105	277623	11.053	ng/ul#	34
17) Hexachloroethane	8.88	117	130709	18.640	ng/ul#	1
20) Nitrobenzene	8.97	77	17118	1.105	ng/ul#	18
24) 2,4-Dimethylphenol	9.77	107	19873	1.262	ng/ul	92
28) Naphthalene	10.64	128	1176070	27.823	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	92920	2.913	ng/ul	99
44) Dimethylphthalate	13.90	163	197506	4.088	ng/ul	99
73) Di-n-butylphthalate	18.14	149	5150690	47.297	ng/ul	99
78) Butylbenzylphthalate	20.51	149	8935760	171.761	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.26	149	2783814	35.661	ng/ul#	95

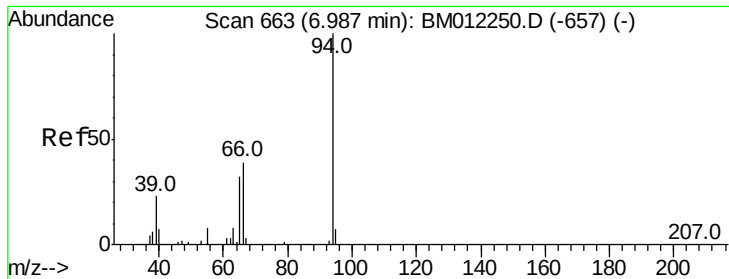
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.259 ng/ul

RT: 6.99 min Scan# 663

Delta R.T. 0.00 min

Lab File: BM012264.D

Acq: 18 Oct 2017 00:35

Instrument :

BNA_M

ClientSampleId :

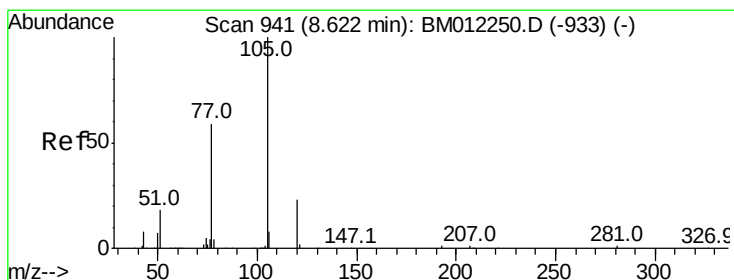
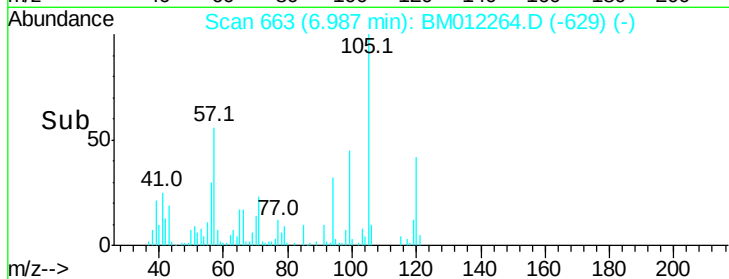
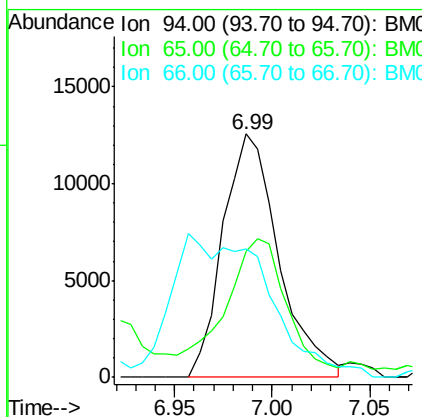
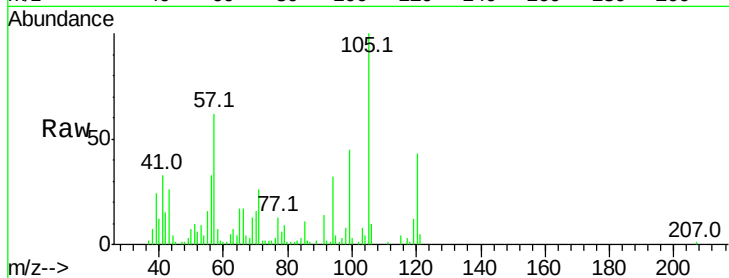
Tot Ion: 94 Resp: 24978

Ion Ratio Lower Upper

94 100

65 51.7 24.4 36.6#

66 53.0 35.0 52.4#



#14

Acetophenone

Concen: 11.053 ng/ul

RT: 8.58 min Scan# 934

Delta R.T. -0.04 min

Lab File: BM012264.D

Acq: 18 Oct 2017 00:35

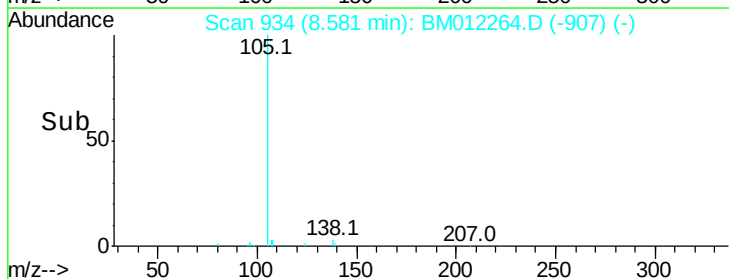
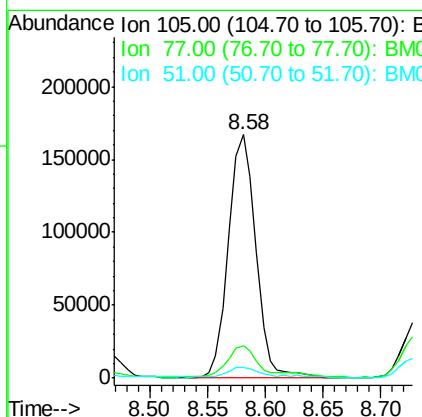
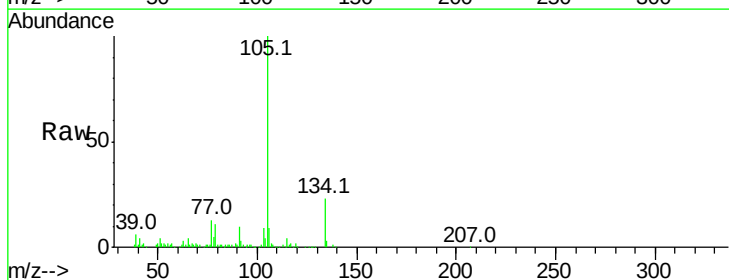
Tgt Ion: 105 Resp: 277623

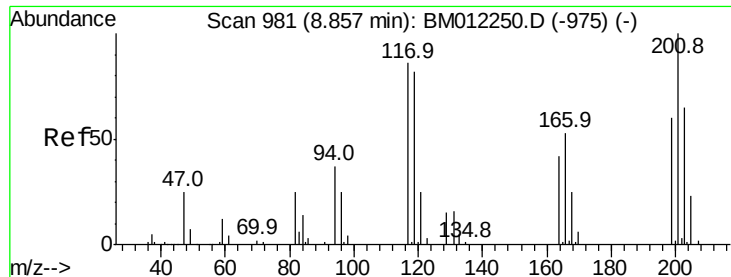
Ion Ratio Lower Upper

105 100

77 13.3 61.7 92.5#

51 4.4 20.1 30.1#

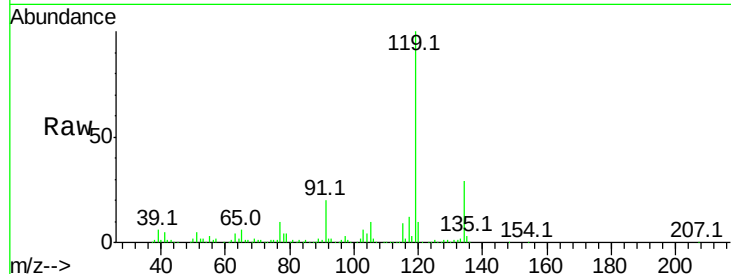




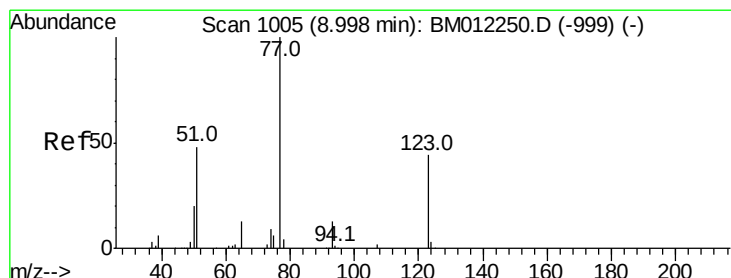
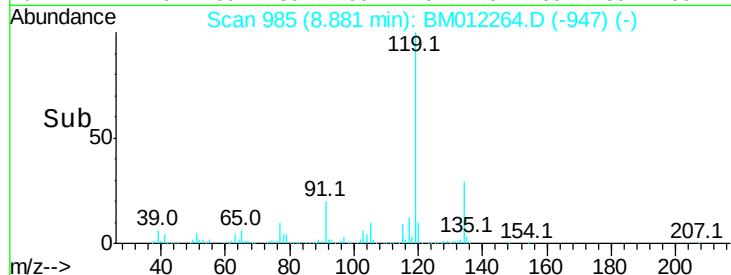
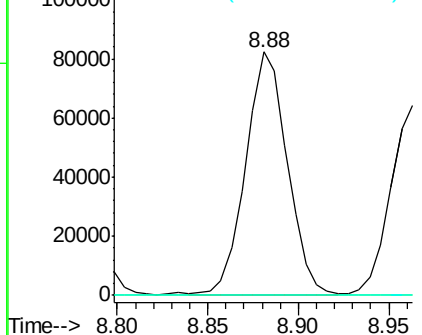
#17
Hexachloroethane
Concen: 18.640 ng/ul
RT: 8.88 min Scan# 985
Delta R.T. 0.02 min
Lab File: BM012264.D
Acq: 18 Oct 2017 00:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:117 Resp: 130709
Ion Ratio Lower Upper
117 100
201 0.0 105.0 157.4#
199 0.0 63.9 95.9#

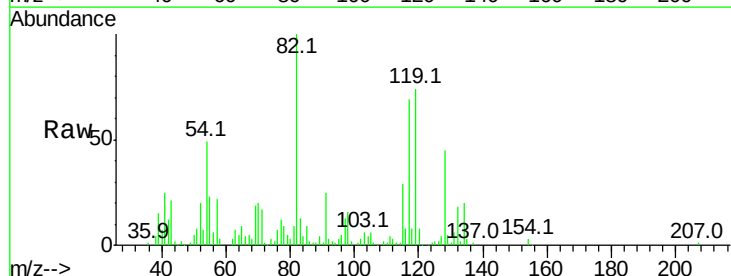


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

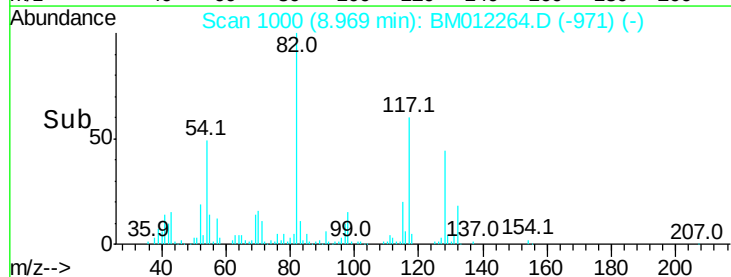
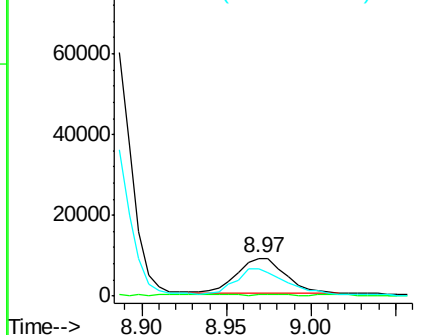


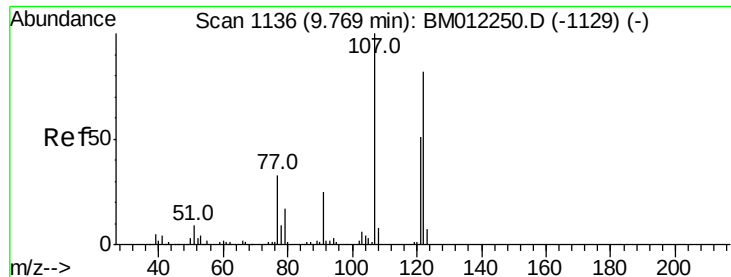
#20
Nitrobenzene
Concen: 1.105 ng/ul
RT: 8.97 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BM012264.D
Acq: 18 Oct 2017 00:35

Tgt Ion: 77 Resp: 17118
Ion Ratio Lower Upper
77 100
123 3.5 35.8 53.6#
65 71.7 11.8 17.6#



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





#24

2,4-Dimethylphenol

Concen: 1.262 ng/ul

RT: 9.77 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM012264.D

Acq: 18 Oct 2017 00:35

Instrument :

BNA_M

ClientSampleId :

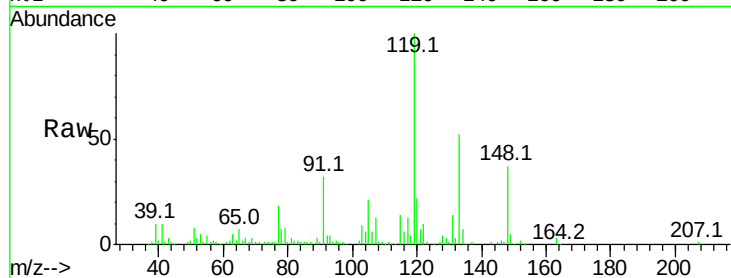
Tot Ion:107 Resp: 19873

Ion Ratio Lower Upper

107 100

121 56.8 39.8 59.8

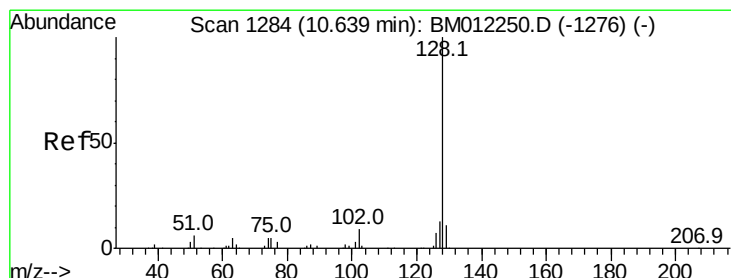
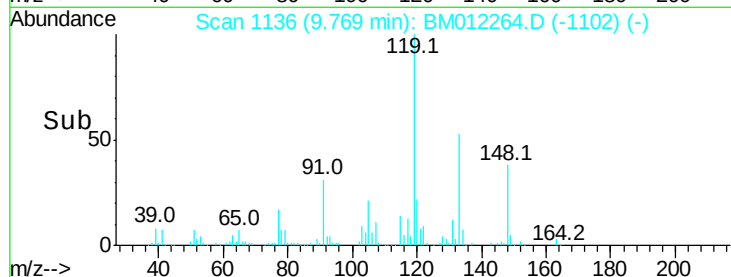
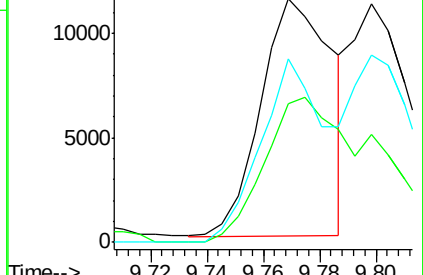
122 75.2 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 27.823 ng/ul

RT: 10.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BM012264.D

Acq: 18 Oct 2017 00:35

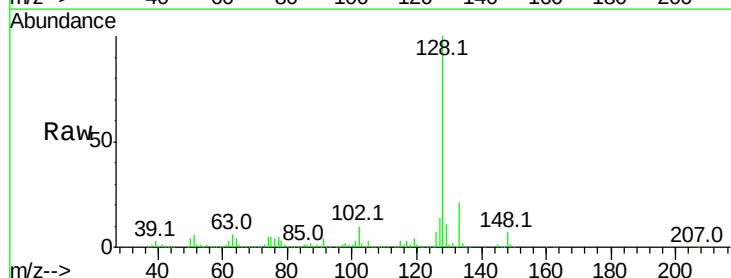
Tgt Ion:128 Resp: 1176070

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

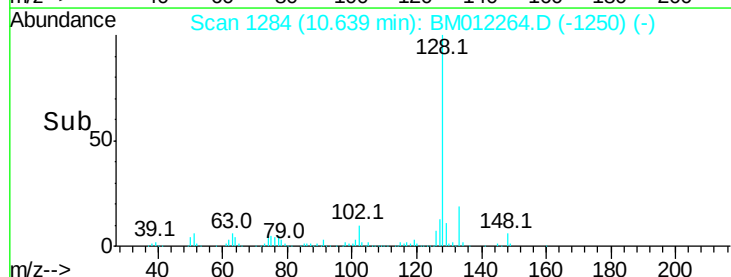
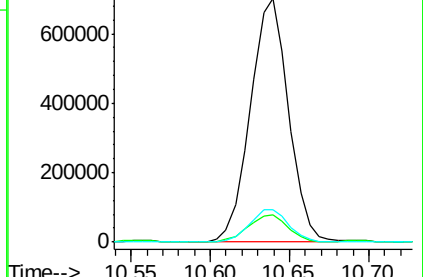
127 13.5 11.4 17.0

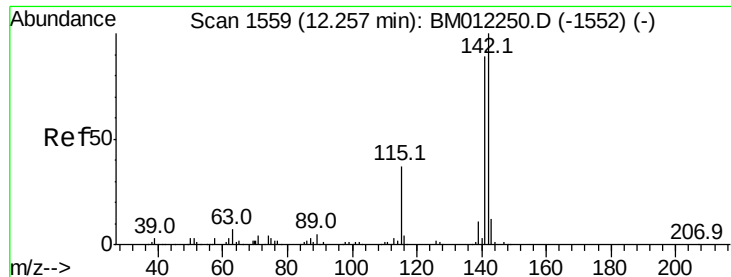


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

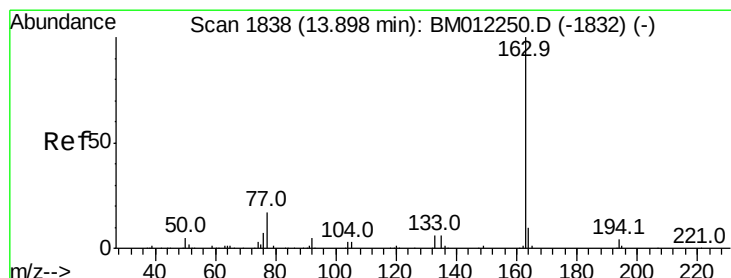
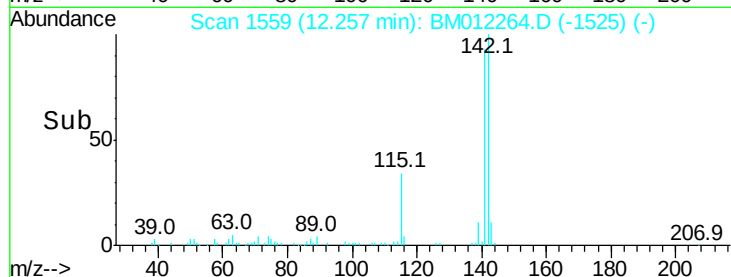
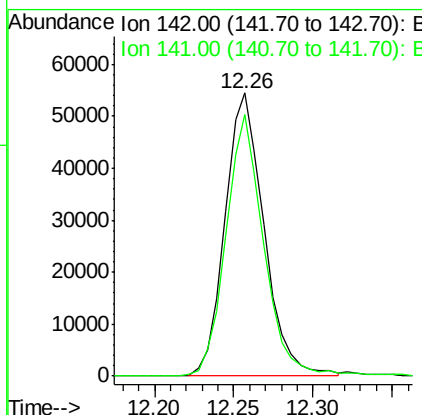
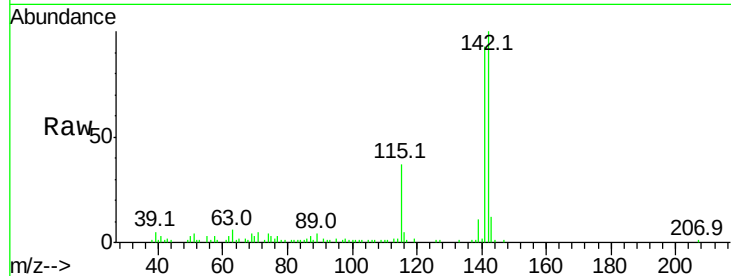




#34
 2-Methylnaphthalene
 Concen: 2.913 ng/ul
 RT: 12.26 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BM012264.D
 Acq: 18 Oct 2017 00:35

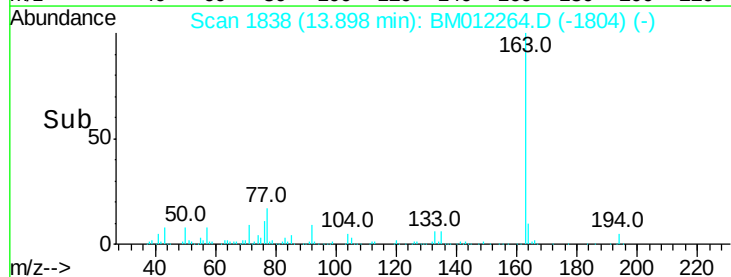
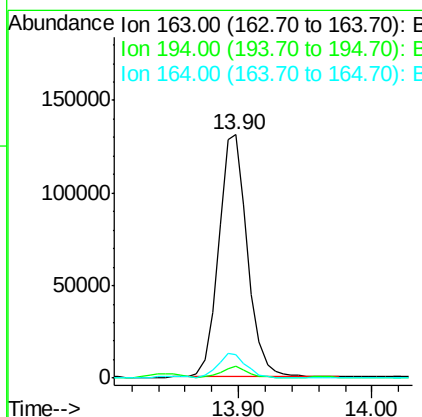
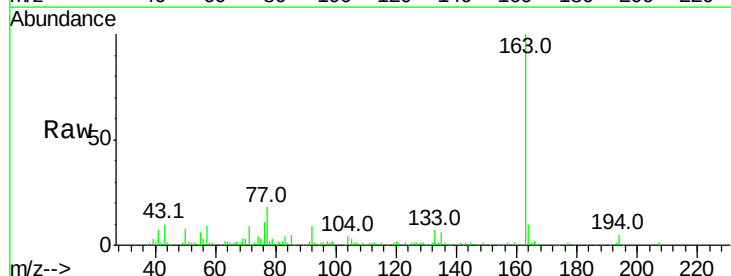
Instrument :
 BNA_M
 ClientSampleId :

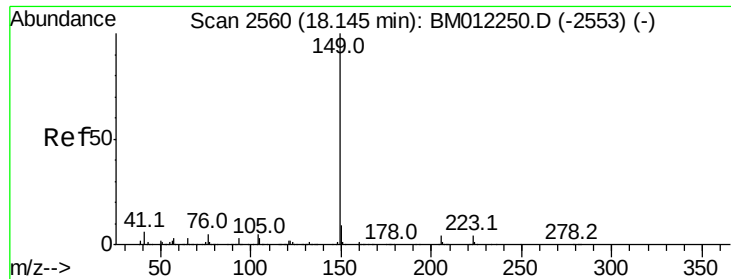
Tot Ion:142 Resp: 92920
 Ion Ratio Lower Upper
 142 100
 141 92.5 73.6 110.4



#44
 Dimethylphthalate
 Concen: 4.088 ng/ul
 RT: 13.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BM012264.D
 Acq: 18 Oct 2017 00:35

Tgt Ion:163 Resp: 197506
 Ion Ratio Lower Upper
 163 100
 194 4.8 3.7 5.5
 164 9.9 8.1 12.1





#73

Di-n-butylphthalate

Concen: 47.297 ng/ul

RT: 18.14 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BM012264.D

Acq: 18 Oct 2017 00:35

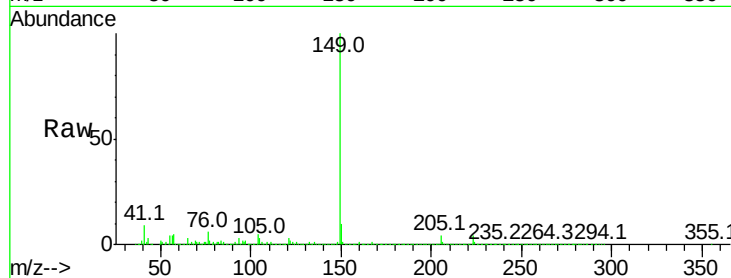
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 5150690

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.0
104	5.4	4.2	6.4

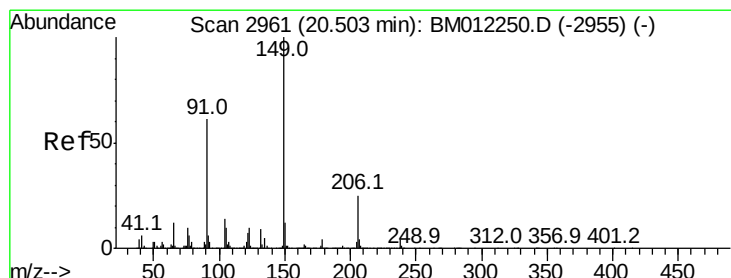
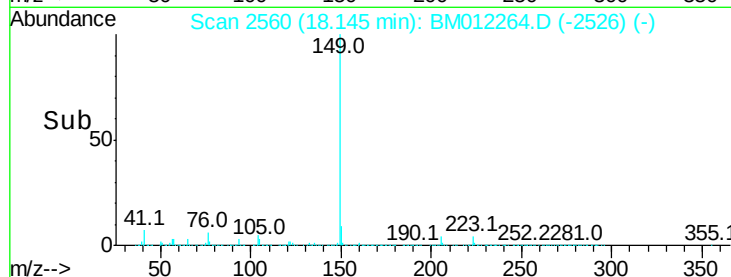


Abundance

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



#78

Butylbenzylphthalate

Concen: 171.761 ng/ul

RT: 20.51 min Scan# 2962

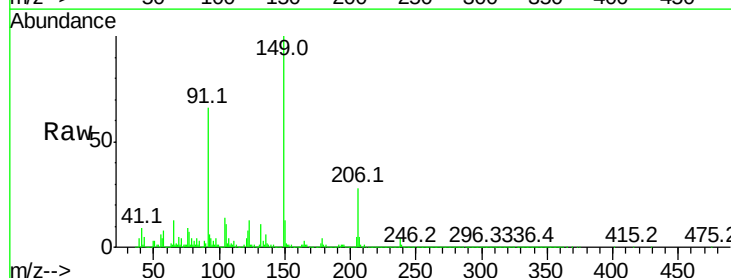
Delta R.T. 0.01 min

Lab File: BM012264.D

Acq: 18 Oct 2017 00:35

Tgt Ion:149 Resp: 8935760

Ion	Ratio	Lower	Upper
149	100		
91	66.2	52.8	79.2
206	27.7	19.1	28.7

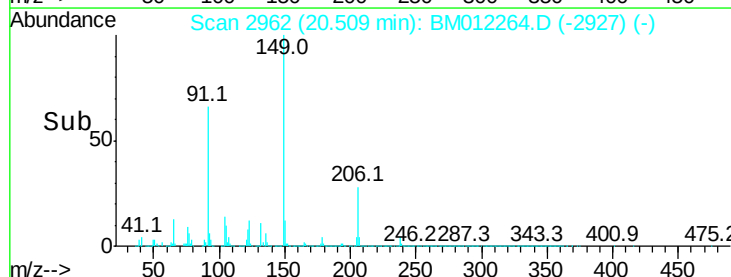


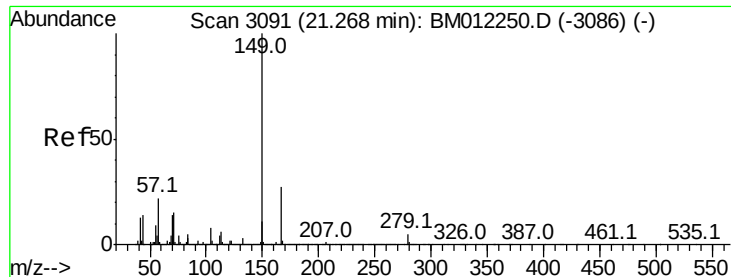
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81
 Bis(2-ethylhexyl)phthalate
 Concen: 35.661 ng/ul
 RT: 21.26 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM012264.D
 Acq: 18 Oct 2017 00:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 2783814
 Ion Ratio Lower Upper
 149 100
 167 30.8 22.5 33.7
 279 3.8 4.4 6.6#

