

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
 Data File : BM012626.D
 Acq On : 01 Nov 2017 05:30
 Operator : SJ/JU
 Sample : I5873-05DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 01 06:46:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 01 06:39:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	413198	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1720847	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	1103112	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.23	188	2541329	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2213877	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	2219307	20.00	ng/ul	0.02

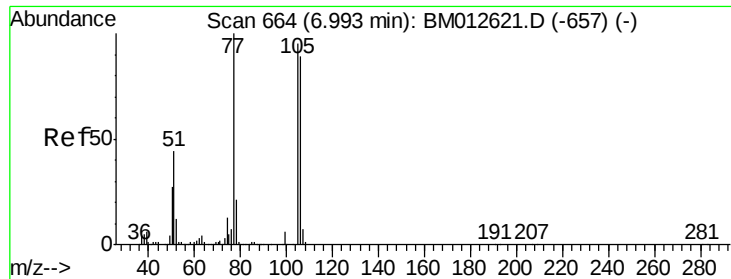
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	4874	0.60	ng/uL	0.01
5) Phenol-d5	7.03	99	98069	2.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	62141	3.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	74792	2.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	81417	2.76	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	46819	4.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	43071	3.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	90860	3.09	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	262819	8.47	ng/ul	-0.01
43) Dimethylphthalate-d6	13.90	166	281997	2.93	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	352694	3.09	ng/ul	0.01
51) 4-Nitrophenol-d4	14.70	143	47565	3.32	ng/ul	0.02
57) Fluorene-d10	15.48	176	249694	3.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	7169	0.58	ng/ul	0.00
70) Anthracene-d10	17.33	188	399825	3.30	ng/ul	0.01
76) Pyrene-d10	19.62	212	399395	3.93	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.56	264	335397	3.18	ng/ul	0.01

Target Compounds

						Ovalue
4) Benzaldehyde	7.00	77	63455	3.38	ng/ul#	1
14) Acetophenone	8.66	105	291136	6.28	ng/ul#	25
28) Naphthalene	10.70	128	629822	7.38	ng/ul	97
32) Caprolactam	11.56	113	13284	1.43	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.82	107	96928	3.01	ng/ul#	24
34) 2-Methylnaphthalene	12.34	142	934277	13.48	ng/ul	99
40) 1,1'-Biphenyl	13.33	154	211330	2.40	ng/ul	99
49) Acenaphthene	14.56	153	78734	1.06	ng/ul#	88
58) Fluorene	15.54	166	127999	1.37	ng/ul#	80
64) N-Nitrosodiphenylamine	15.75	169	182669	2.47	ng/ul#	53
69) Phenanthrene	17.27	178	953598	6.94	ng/ul	98
71) Anthracene	17.27	178	953598	6.71	ng/ul	97
77) Pyrene	19.65	202	143026	1.14	ng/ul#	85
81) Bis(2-ethylhexyl)phthalate	21.32	149	8739633	115.81	ng/ul	96

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



#4

Benzaldehyde

Concen: 3.38 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM012626.D

Acq: 01 Nov 2017 05:30

Instrument :

BNA_M

ClientSampled :

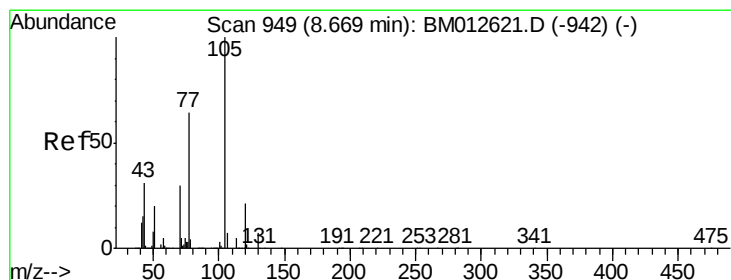
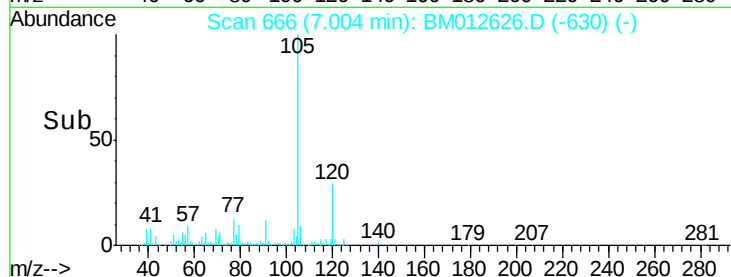
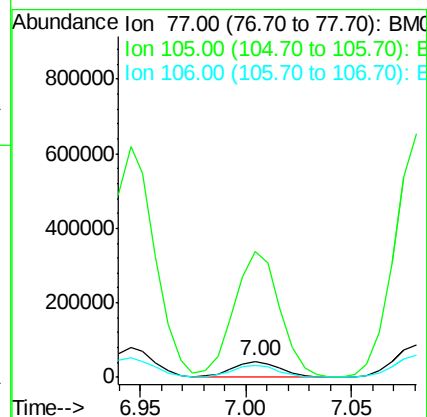
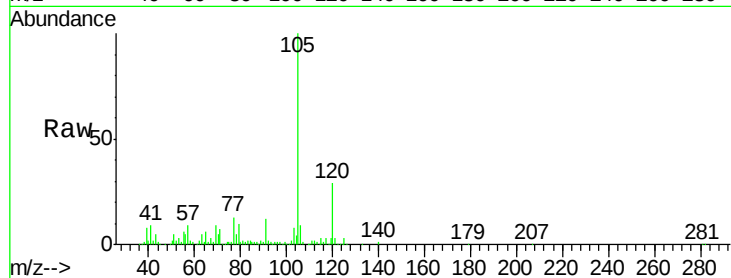
Tot Ion: 77 Resp: 63455

Ion Ratio Lower Upper

77 100

105 768.5 66.1 99.1#

106 69.4 67.8 101.6



#14

Acetophenone

Concen: 6.28 ng/ul

RT: 8.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BM012626.D

Acq: 01 Nov 2017 05:30

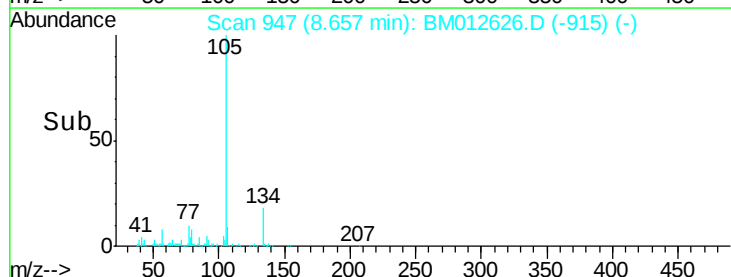
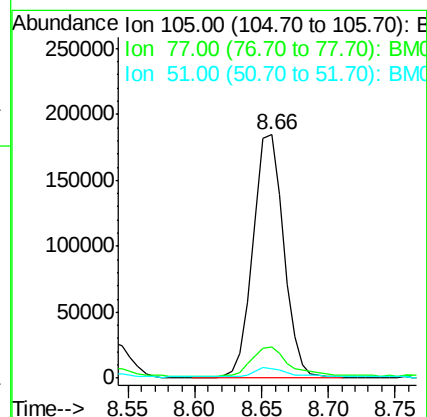
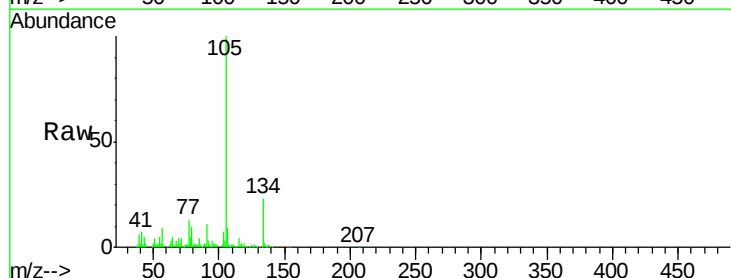
Tgt Ion: 105 Resp: 291136

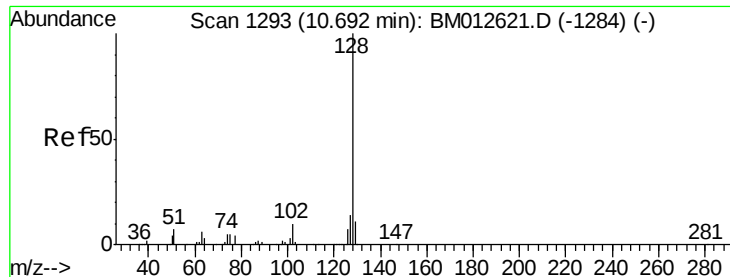
Ion Ratio Lower Upper

105 100

77 13.0 74.2 111.4#

51 4.0 23.4 35.2#





#28

Naphthalene

Concen: 7.38 ng/ul

RT: 10.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BM012626.D

Acq: 01 Nov 2017 05:30

Instrument :

BNA_M

ClientSampleId :

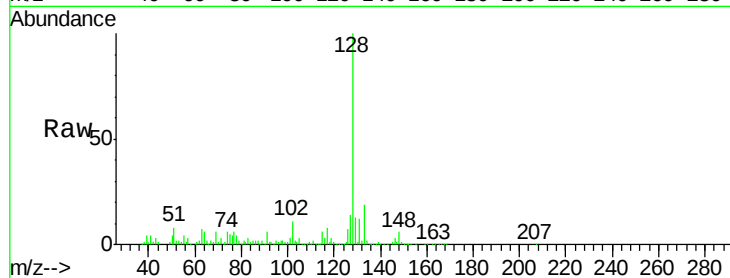
Tot Ion:128 Resp: 629822

Ion Ratio Lower Upper

128 100

129 12.5 8.8 13.2

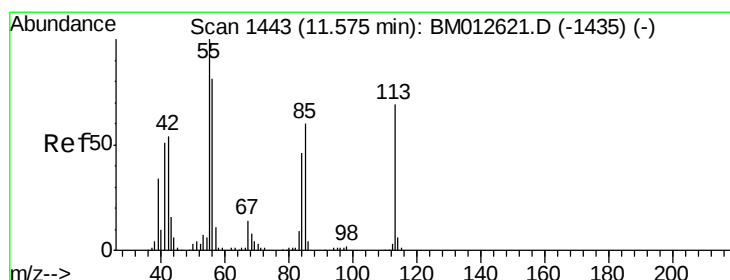
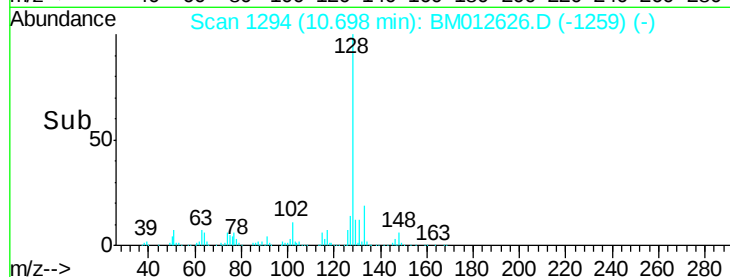
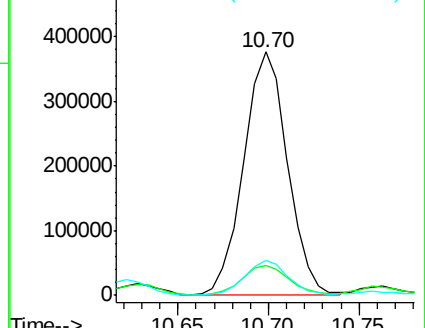
127 14.3 10.6 16.0



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



#32

Caprolactam

Concen: 1.43 ng/ul

RT: 11.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BM012626.D

Acq: 01 Nov 2017 05:30

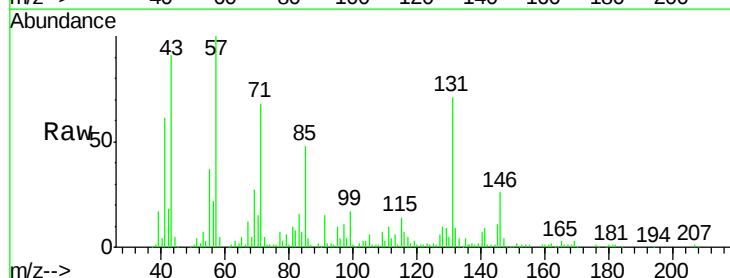
Tgt Ion:113 Resp: 13284

Ion Ratio Lower Upper

113 100

55 625.5 208.0 312.0#

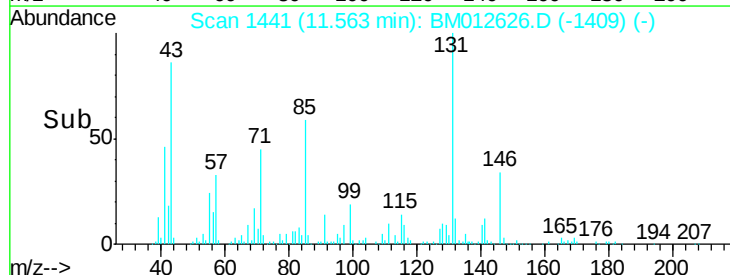
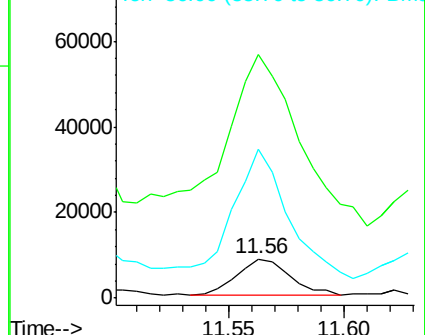
56 382.5 160.0 240.0#

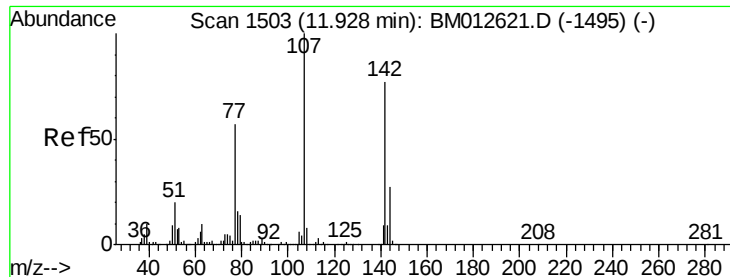


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

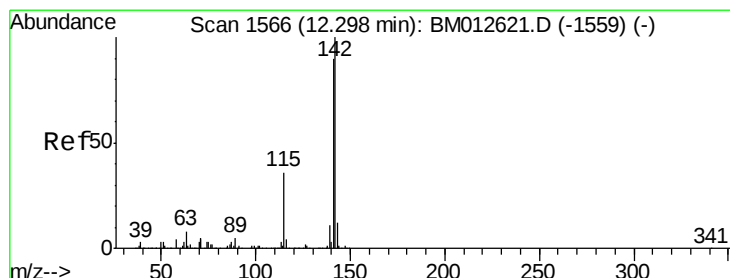
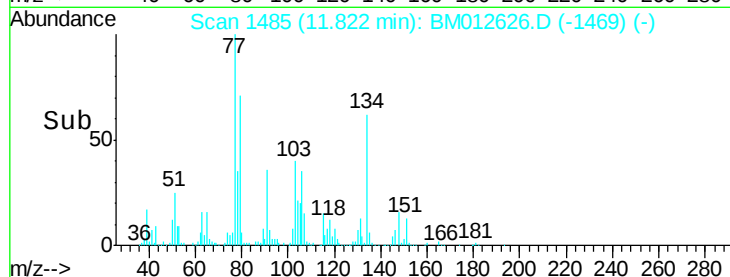
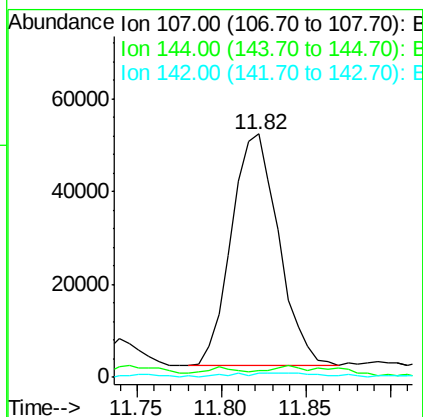
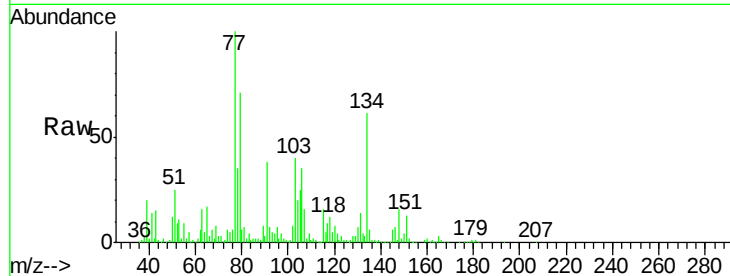




#33
 4-Chloro-3-methylphenol
 Concen: 3.01 ng/ul
 RT: 11.82 min Scan# 1485
 Delta R.T. -0.11 min
 Lab File: BM012626.D
 Acq: 01 Nov 2017 05:30

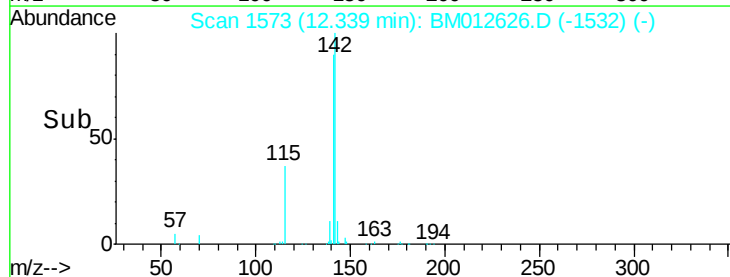
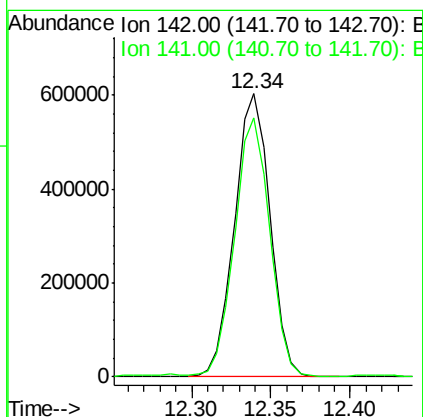
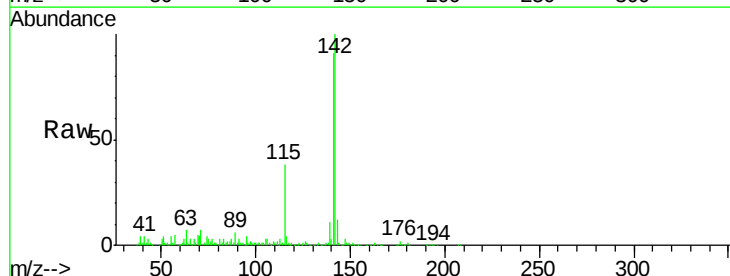
Instrument :
 BNA_M
 ClientSampleId :

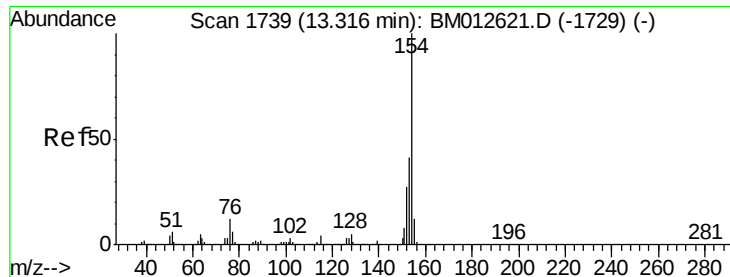
Tot Ion:107 Resp: 96928
 Ion Ratio Lower Upper
 107 100
 144 2.7 20.4 30.6#
 142 1.6 60.5 90.7#



#34
 2-Methylnaphthalene
 Concen: 13.48 ng/ul
 RT: 12.34 min Scan# 1573
 Delta R.T. 0.04 min
 Lab File: BM012626.D
 Acq: 01 Nov 2017 05:30

Tgt Ion:142 Resp: 934277
 Ion Ratio Lower Upper
 142 100
 141 91.3 74.1 111.1

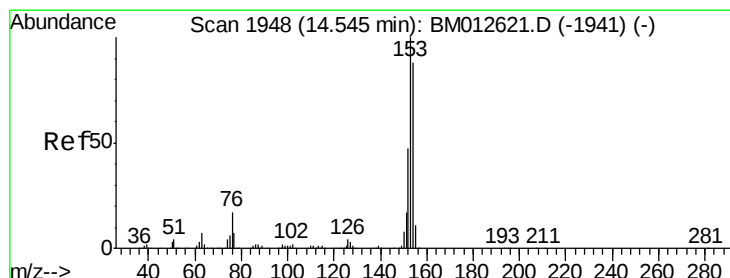
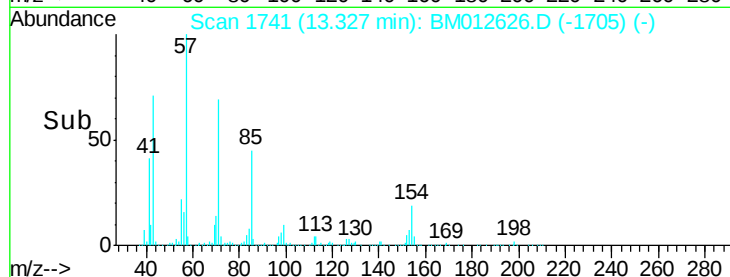
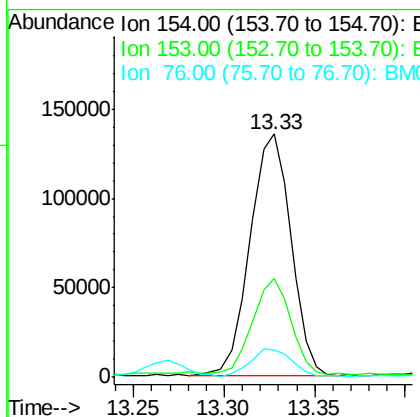
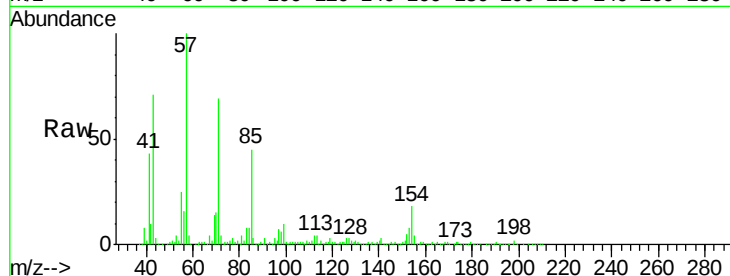




#40
 1,1'-Biphenyl
 Concen: 2.40 ng/ul
 RT: 13.33 min Scan# 1741
 Delta R.T. 0.01 min
 Lab File: BM012626.D
 Acq: 01 Nov 2017 05:30

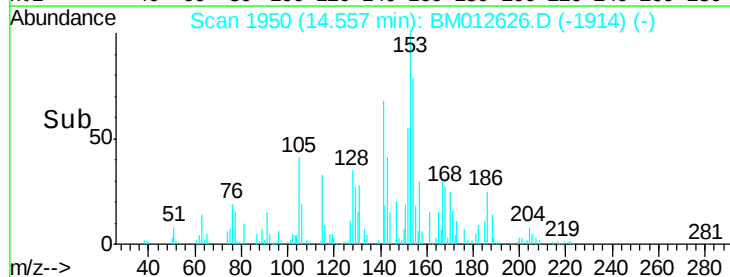
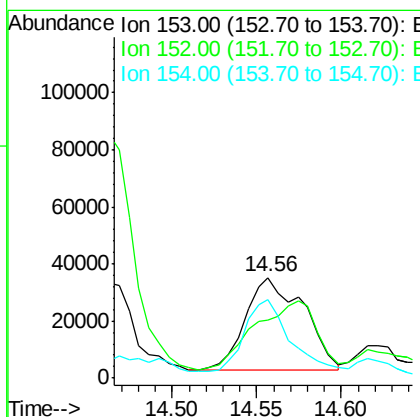
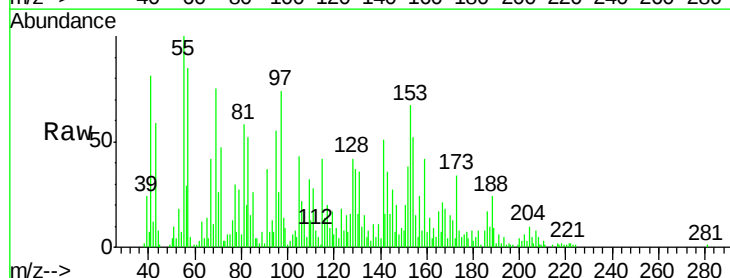
Instrument :
 BNA_M
 ClientSampleId :

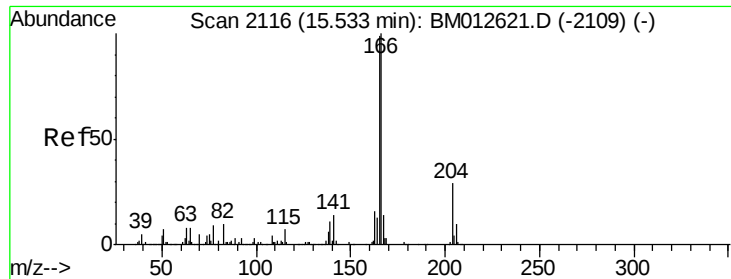
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	32.6	48.8
76	11.1	8.5	12.7



#49
 Acenaphthene
 Concen: 1.06 ng/ul
 RT: 14.56 min Scan# 1950
 Delta R.T. 0.01 min
 Lab File: BM012626.D
 Acq: 01 Nov 2017 05:30

Tgt Ion	Ratio	Lower	Upper
153	100		
152	57.1	37.6	56.4#
154	78.0	70.4	105.6





#58

Fluorene

Concen: 1.37 ng/ul

RT: 15.54 min Scan# 2117

Delta R.T. 0.01 min

Lab File: BM012626.D

Acq: 01 Nov 2017 05:30

Instrument :

BNA_M

ClientSampleId :

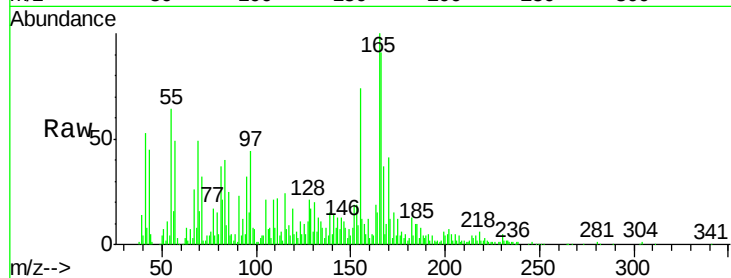
Tot Ion:166 Resp: 127999

Ion Ratio Lower Upper

166 100

165 110.4 77.9 116.9

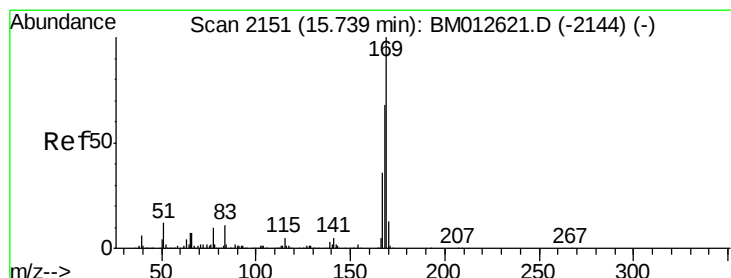
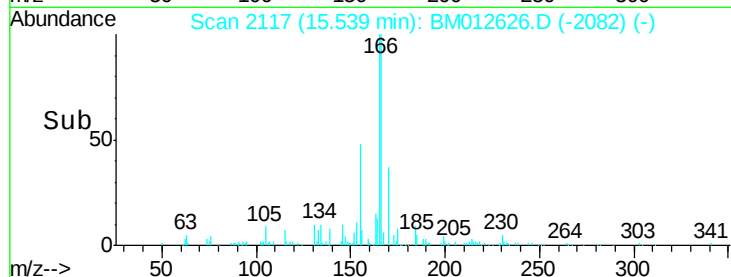
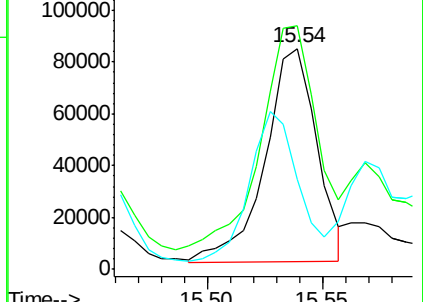
167 41.1 10.6 16.0#



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



#64

N-Nitrosodiphenylamine

Concen: 2.47 ng/ul

RT: 15.75 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BM012626.D

Acq: 01 Nov 2017 05:30

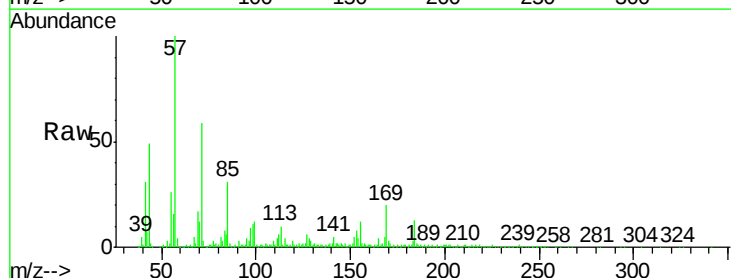
Tgt Ion:169 Resp: 182669

Ion Ratio Lower Upper

169 100

168 27.1 54.0 81.0#

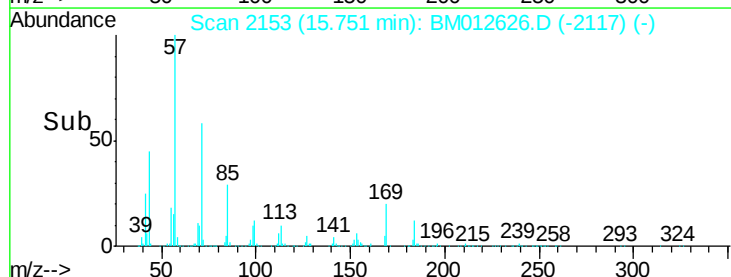
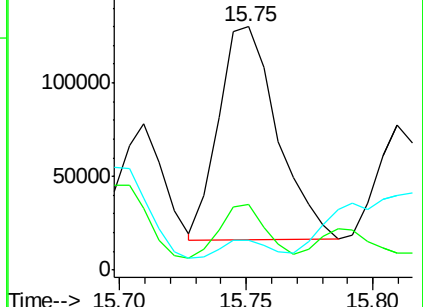
167 12.5 29.1 43.7#

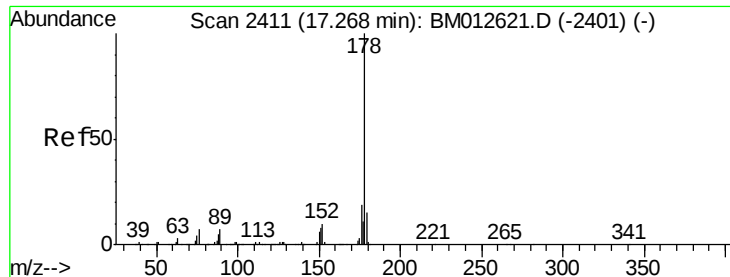


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 6.94 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. 0.01 min

Lab File: BM012626.D

Acq: 01 Nov 2017 05:30

Instrument :

BNA_M

ClientSampled :

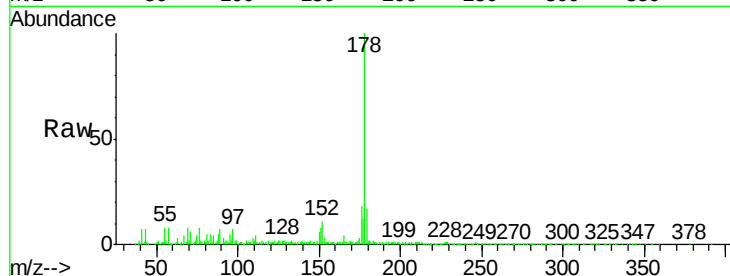
Tot Ion:178 Resp: 953598

Ion Ratio Lower Upper

178 100

179 17.3 12.6 19.0

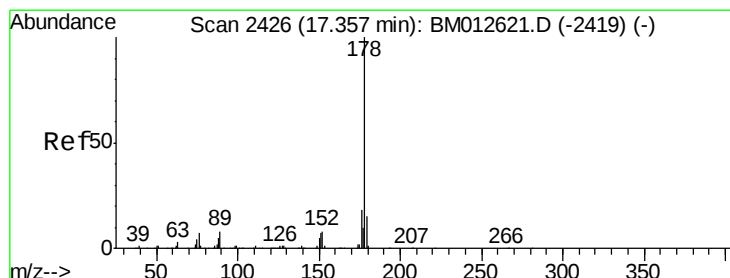
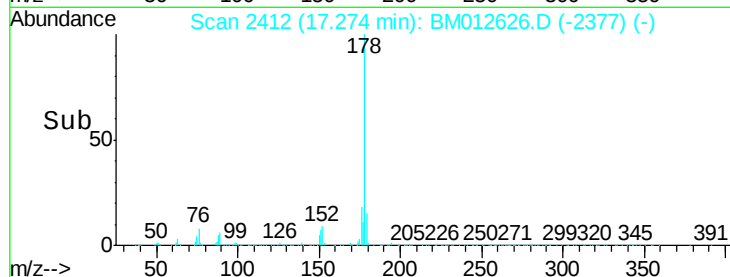
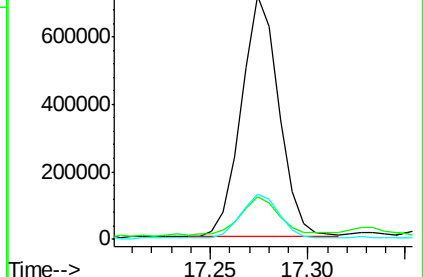
176 18.5 14.9 22.3



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: 6.71 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. -0.08 min

Lab File: BM012626.D

Acq: 01 Nov 2017 05:30

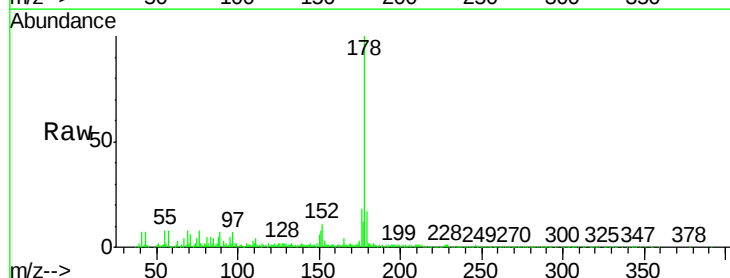
Tgt Ion:178 Resp: 953598

Ion Ratio Lower Upper

178 100

179 17.3 11.7 17.5

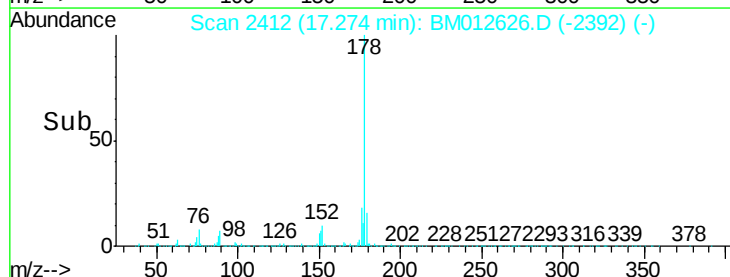
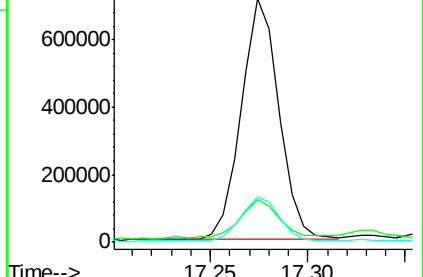
176 18.5 14.6 21.8

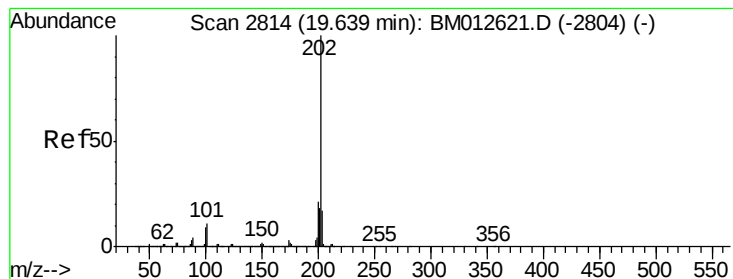


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Pvrene

Concen: 1.14 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. 0.01 min

Lab File: BM012626.D

Acq: 01 Nov 2017 05:30

Instrument :

BNA_M

ClientSampleId :

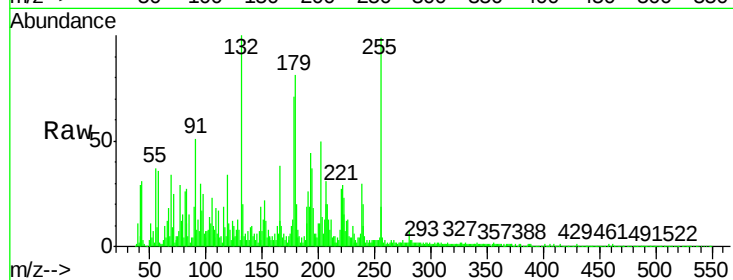
Tot Ion:202 Resp: 143026

Ion Ratio Lower Upper

202 100

101 14.2 5.1 7.7#

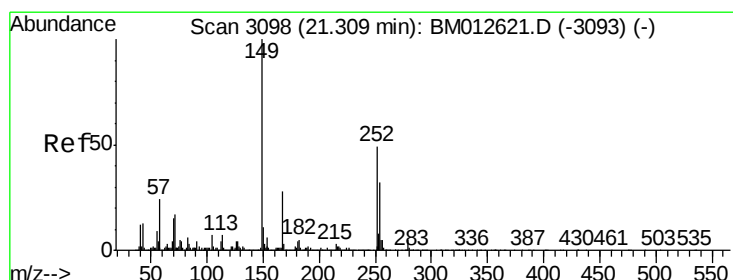
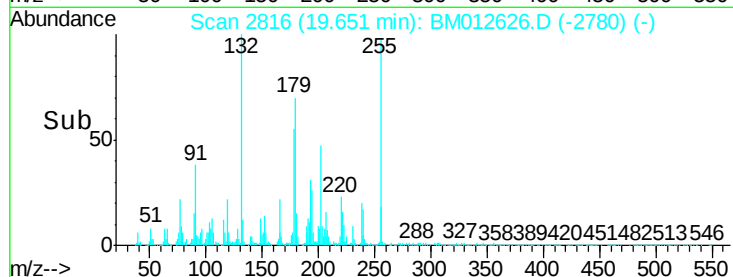
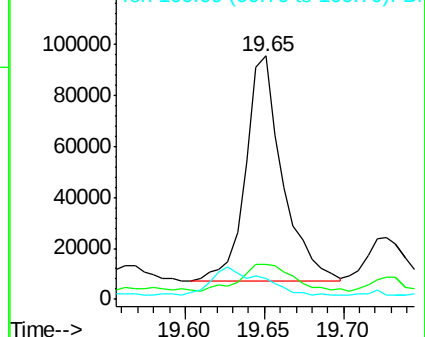
100 8.6 4.9 7.3#



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): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 115.81 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BM012626.D

Acq: 01 Nov 2017 05:30

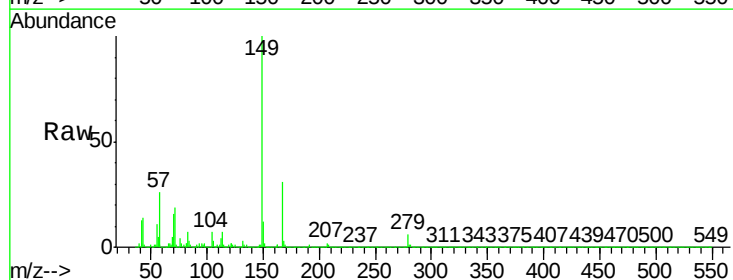
Tgt Ion:149 Resp: 8739633

Ion Ratio Lower Upper

149 100

167 30.8 22.8 34.2

279 5.8 4.9 7.3



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

