

Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHST1

Quant Time: Apr 28 23:10:14 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:07:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	138684	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	606523	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	394993	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	909650	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1007980	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	755468	20.00	ng/ul	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	17450	5.79	ng/uL	0.00
5) Phenol-d5	6.98	99	453455	30.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	339187	33.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	327314	34.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	373487	31.80	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	172540	34.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	198297	38.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	367186	35.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	445868	35.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	1226987	35.71	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1551524	37.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	221177	33.36	ng/ul	0.00
57) Fluorene-d10	15.46	176	1152225	37.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	162262	25.28	ng/ul	0.00
70) Anthracene-d10	17.32	188	1875189	40.15	ng/ul	0.00
76) Pyrene-d10	19.62	212	2089065	46.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1482478	40.35	ng/ul	0.01

Target Compounds				Qvalue		
17) Hexachloroethane	8.91	117	25586	5.61	ng/ul#	11
28) Naphthalene	10.66	128	74142	2.30	ng/ul#	91
32) Caprolactam	11.61	113	34242	8.86	ng/ul#	37
34) 2-Methylnaphthalene	12.28	142	207386	8.35	ng/ul	97
40) 1,1'-Biphenyl	13.29	154	99438	3.06	ng/ul#	92
44) Dimethylphthalate	13.92	163	210346	6.19	ng/ul	98
54) 2,4-Dinitrotoluene	14.86	165	13564	1.32	ng/ul#	85
58) Fluorene	15.52	166	66322	1.91	ng/ul#	80
64) N-Nitrosodiphenylamine	15.72	169	59373	2.13	ng/ul#	49
69) Phenanthrene	17.26	178	151952	2.91	ng/ul#	88
73) Di-n-butylphthalate	18.17	149	165910	2.77	ng/ul#	93
77) Pyrene	19.64	202	161199	2.83	ng/ul#	84
81) Bis(2-ethylhexyl)phthalate	21.30	149	997171	27.88	ng/ul	95
82) Chrysene	21.44	228	62559	1.16	ng/ul#	82
85) Benzo(b)fluoranthene	23.02	252	64207	1.31	ng/ul#	1
86) Benzo(k)fluoranthene	23.02	252	64207	1.43	ng/ul#	1

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

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Instrument :

BNA_M

ClientSampled :

JHST1

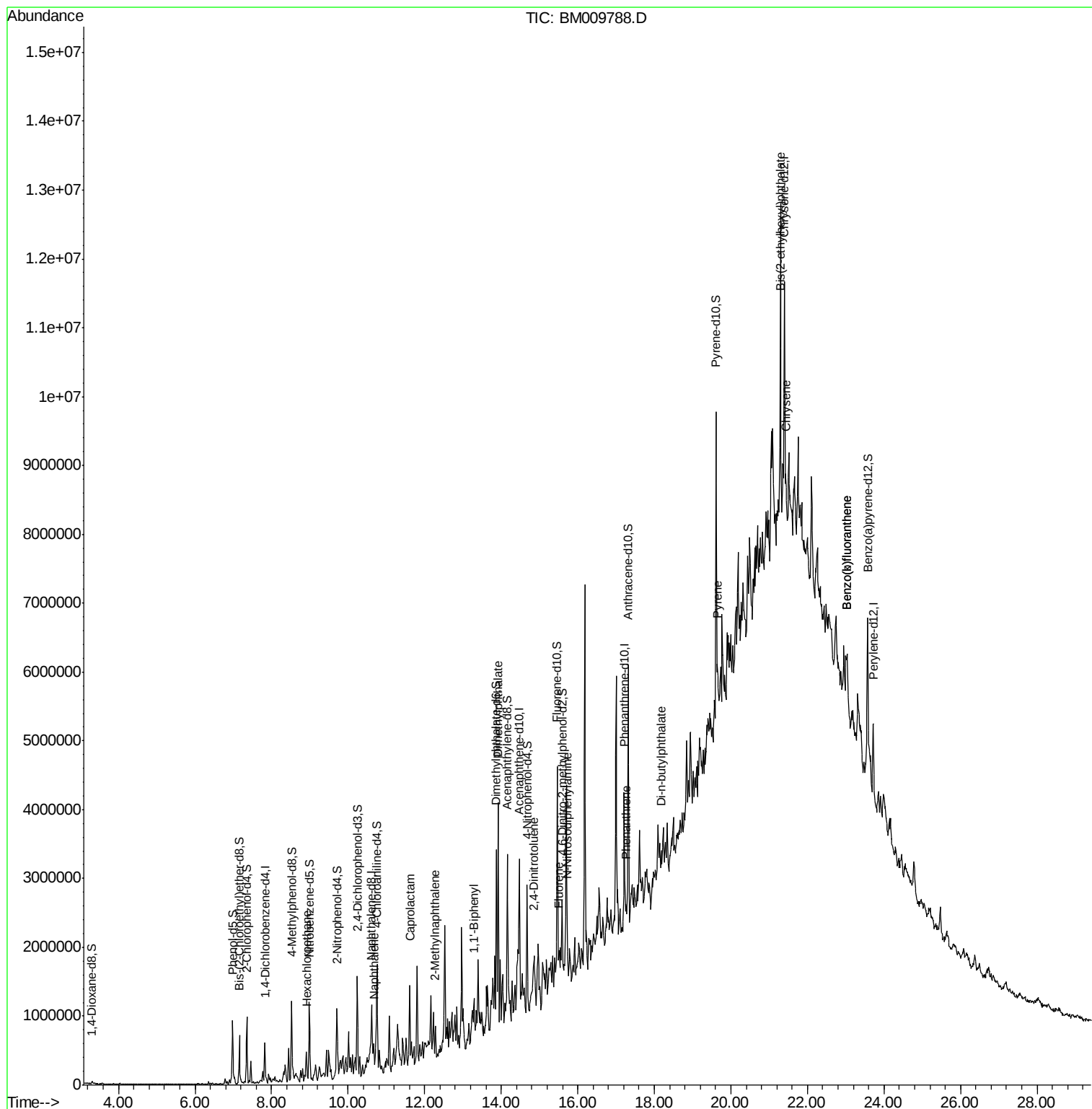
Quant Time: Apr 28 23:10:14 2017

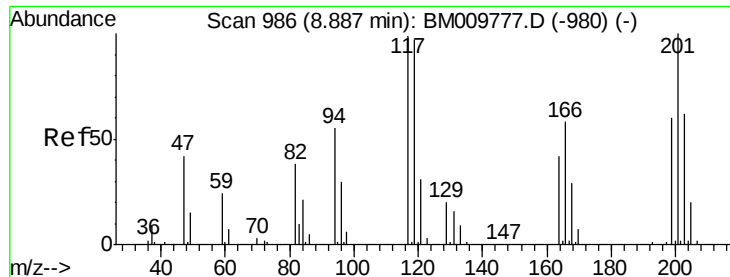
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Apr 28 23:07:52 2017

Response via : Initial Calibration

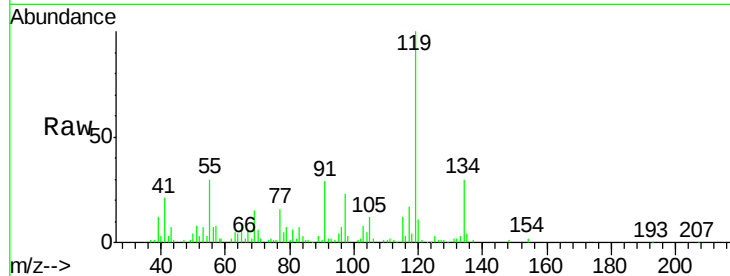




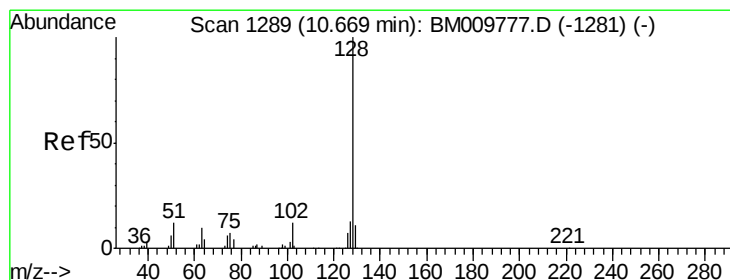
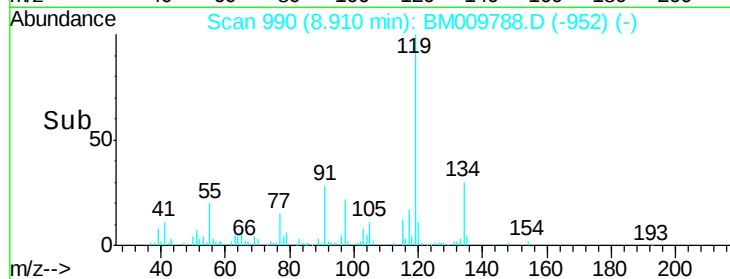
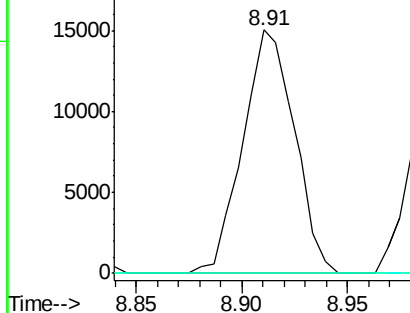
#17
Hexachloroethane
Concen: 5.61 ng/ul
RT: 8.91 min Scan# 990
Delta R.T. 0.02 min
Lab File: BM009788.D
Acq: 28 Apr 2017 19:51

Instrument :
BNA_M
ClientSampled :
JHST1

Tgt Ion:117 Resp: 25586
Ion Ratio Lower Upper
117 100
201 0.0 71.0 106.6#
199 0.0 47.8 71.8#

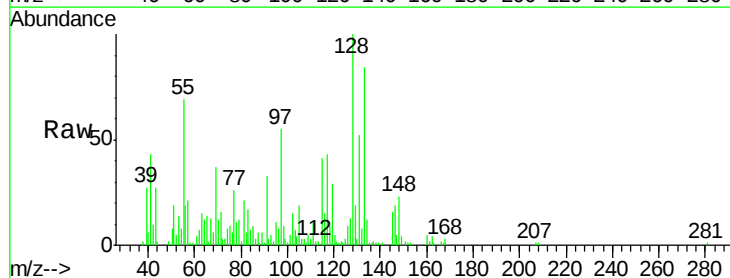


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

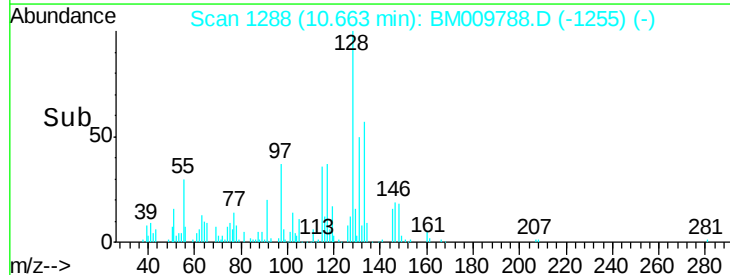
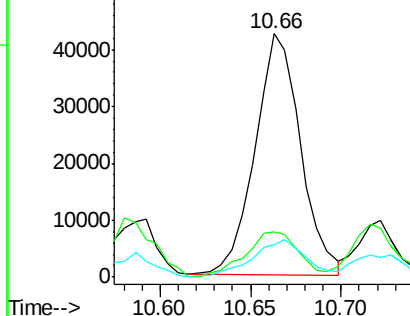


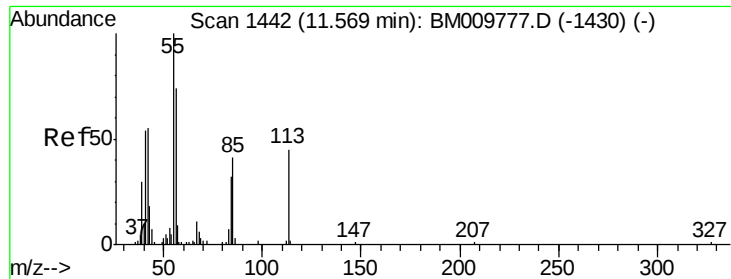
#28
Naphthalene
Concen: 2.30 ng/ul
RT: 10.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM009788.D
Acq: 28 Apr 2017 19:51

Tgt Ion:128 Resp: 74142
Ion Ratio Lower Upper
128 100
129 18.6 9.7 14.5#
127 13.5 10.2 15.4



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: 8.86 ng/ul

RT: 11.61 min Scan# 1449

Delta R.T. 0.04 min

Lab File: BM009788.D

Acq: 28 Apr 2017 19:51

Instrument :

BNA_M

ClientSampleId :

JHST1

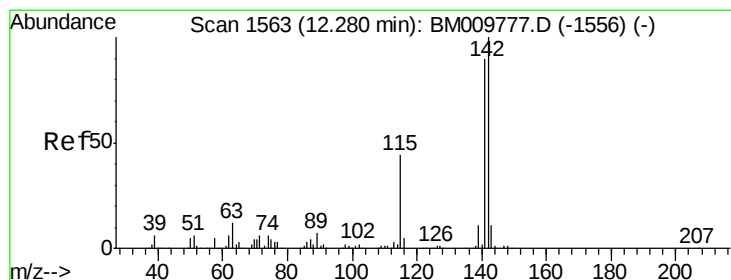
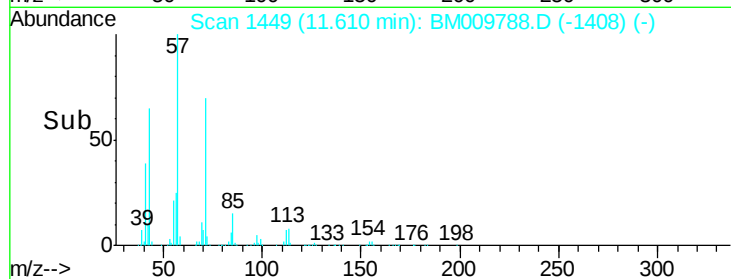
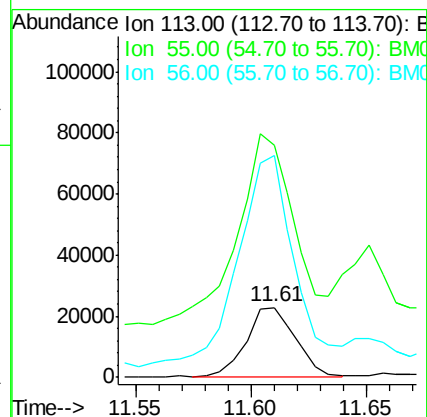
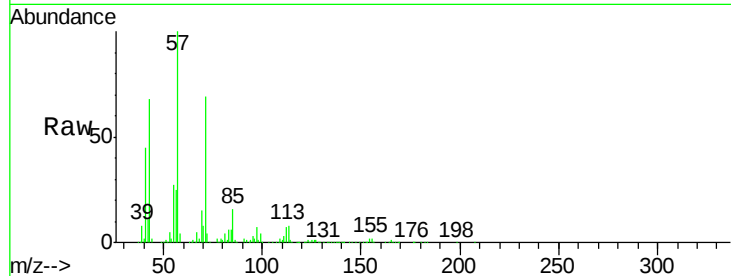
Tgt Ion:113 Resp: 34242

Ion Ratio Lower Upper

113 100

55 330.8 189.3 283.9#

56 317.1 165.8 248.6#



#34

2-Methylnaphthalene

Concen: 8.35 ng/ul

RT: 12.28 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BM009788.D

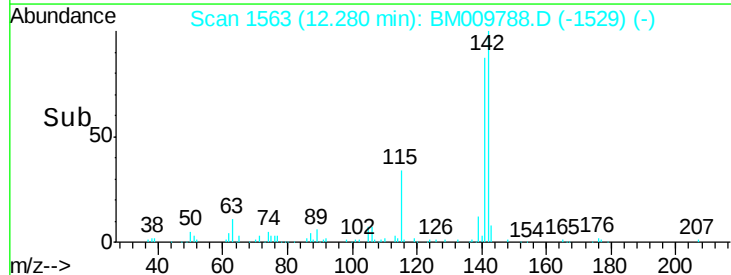
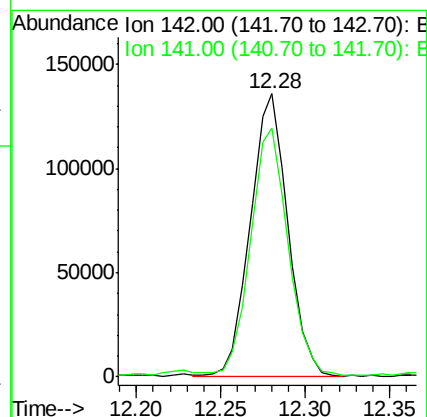
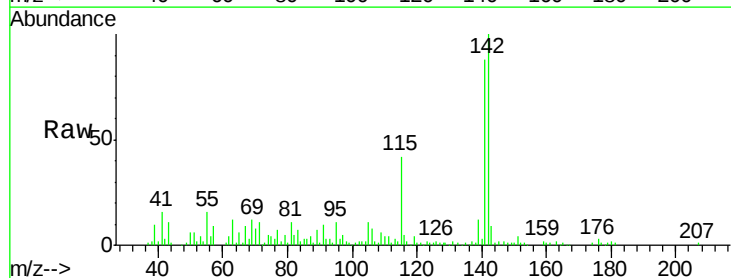
Acq: 28 Apr 2017 19:51

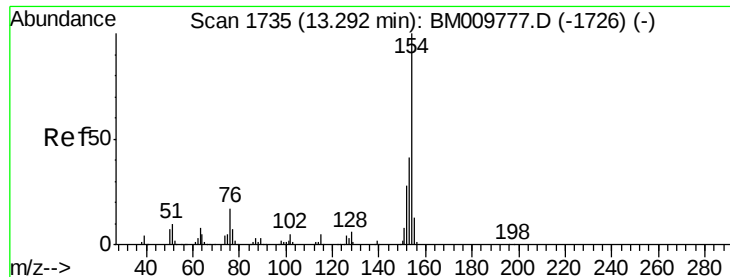
Tgt Ion:142 Resp: 207386

Ion Ratio Lower Upper

142 100

141 87.8 72.6 109.0

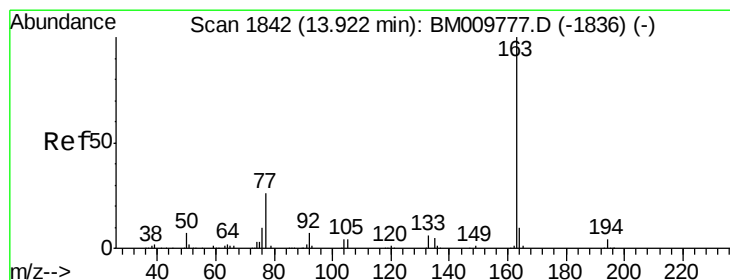
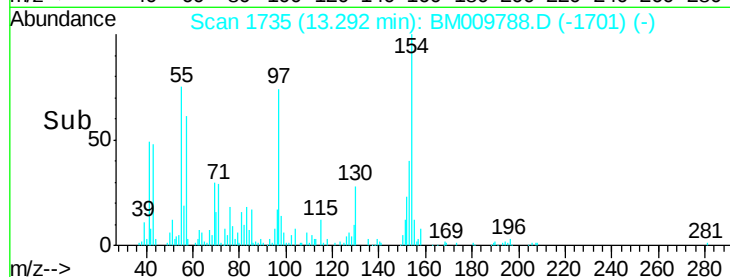
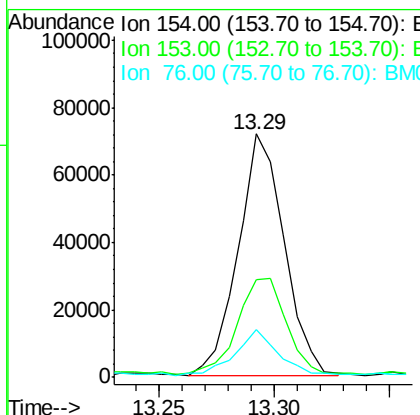
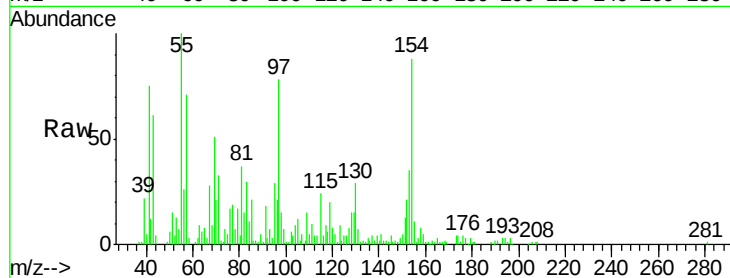




#40
1,1'-Biphenyl
Concen: 3.06 ng/ul
RT: 13.29 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BM009788.D
Acq: 28 Apr 2017 19:51

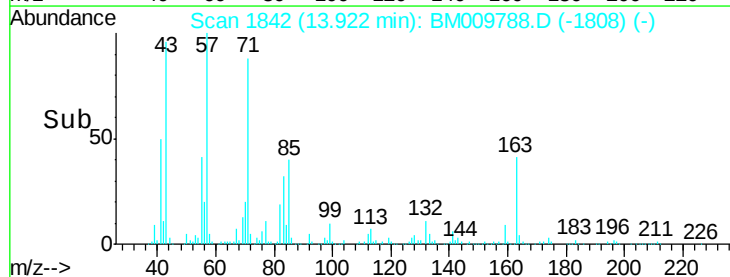
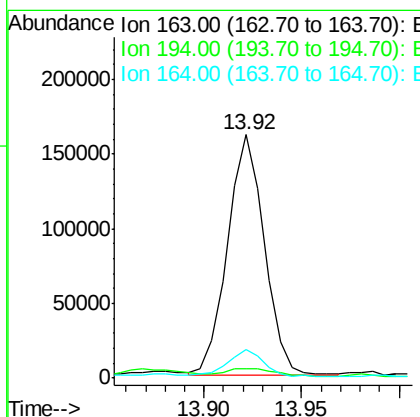
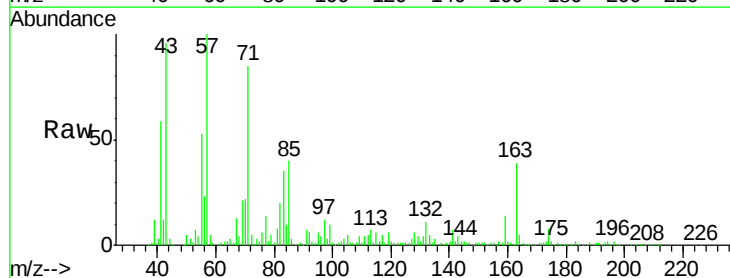
Instrument :
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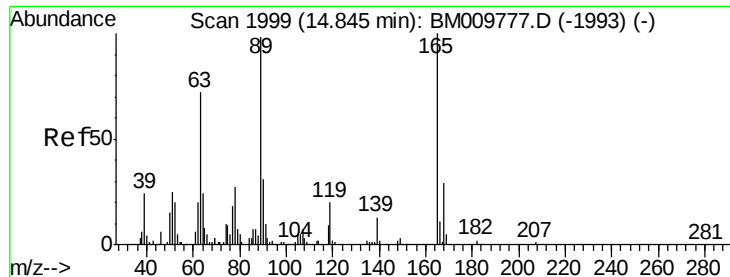
Tgt Ion:154 Resp: 99438
Ion Ratio Lower Upper
154 100
153 40.1 35.7 53.5
76 19.9 12.4 18.6#



#44
Dimethylphthalate
Concen: 6.19 ng/ul
RT: 13.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BM009788.D
Acq: 28 Apr 2017 19:51

Tgt Ion:163 Resp: 210346
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 11.7 8.6 12.8

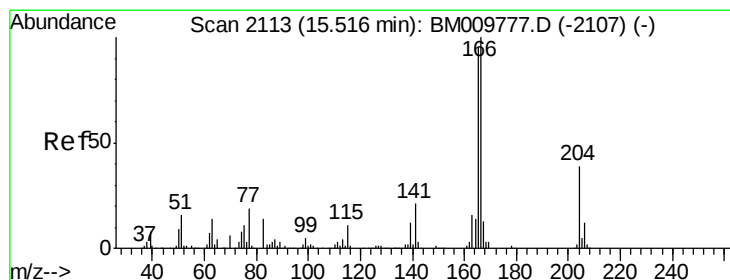
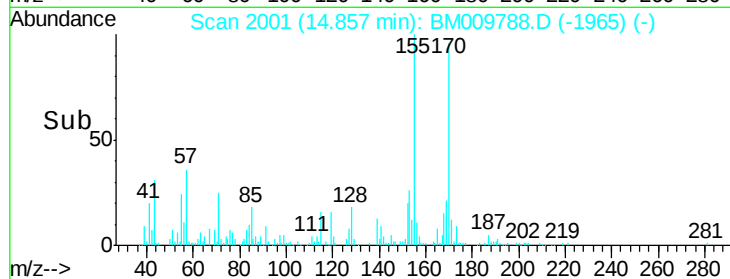
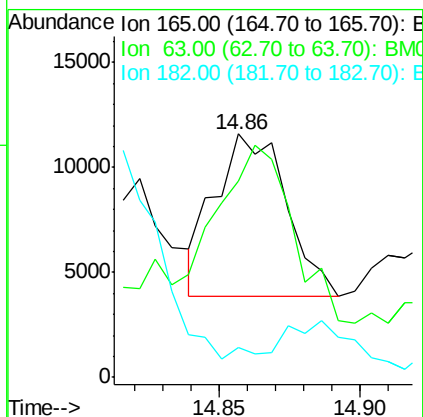
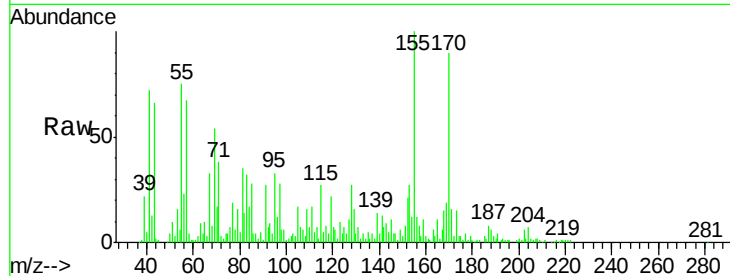




#54
 2,4-Dinitrotoluene
 Concen: 1.32 ng/ul
 RT: 14.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BM009788.D
 Acq: 28 Apr 2017 19:51

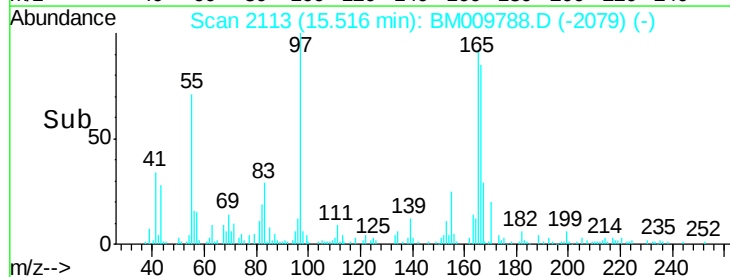
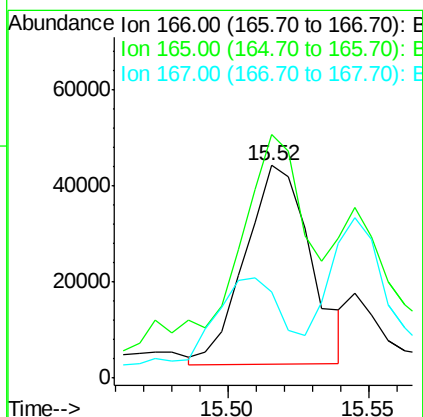
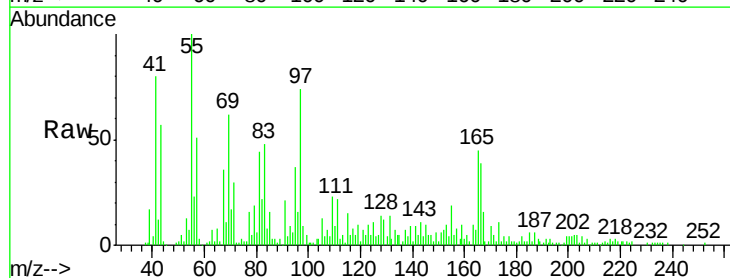
Instrument :
 BNA_M
 ClientSampleId :
 JHST1

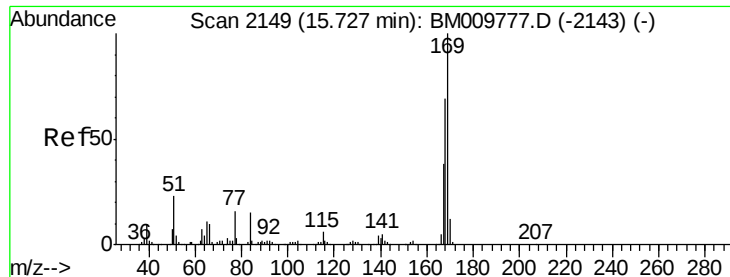
Tgt Ion:165 Resp: 13564
 Ion Ratio Lower Upper
 165 100
 63 80.4 75.7 113.5
 182 12.3 1.7 2.5#



#58
 Fluorene
 Concen: 1.91 ng/ul
 RT: 15.52 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BM009788.D
 Acq: 28 Apr 2017 19:51

Tgt Ion:166 Resp: 66322
 Ion Ratio Lower Upper
 166 100
 165 114.7 81.0 121.6
 167 40.6 10.5 15.7#





#64

N-Nitrosodiphenylamine

Concen: 2.13 ng/ul

RT: 15.72 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BM009788.D

Acq: 28 Apr 2017 19:51

Instrument :

BNA_M

ClientSampleId :

JHST1

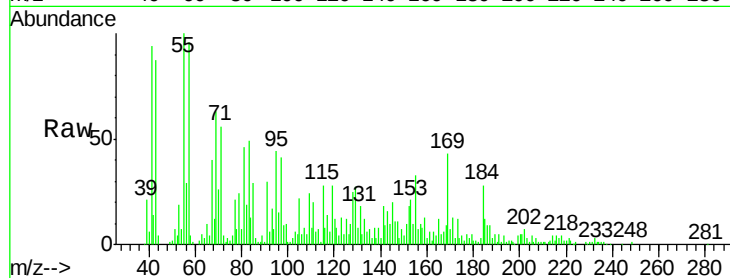
Tgt Ion:169 Resp: 59373

Ion Ratio Lower Upper

169 100

168 20.0 53.4 80.2#

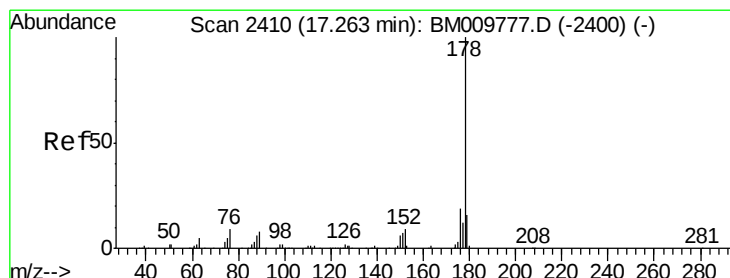
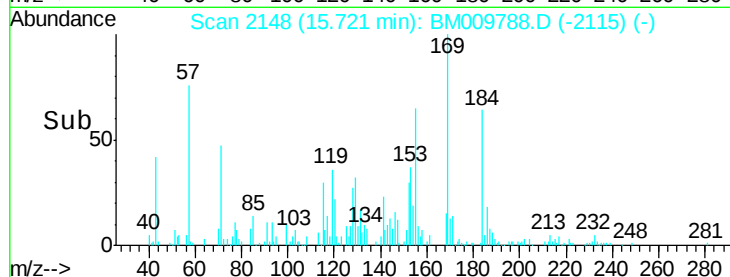
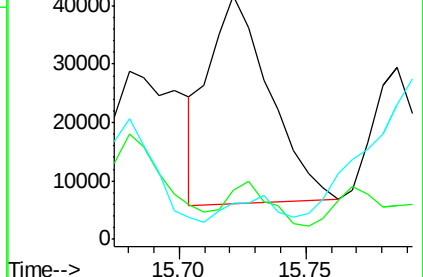
167 14.7 30.2 45.2#



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: 2.91 ng/ul

RT: 17.26 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BM009788.D

Acq: 28 Apr 2017 19:51

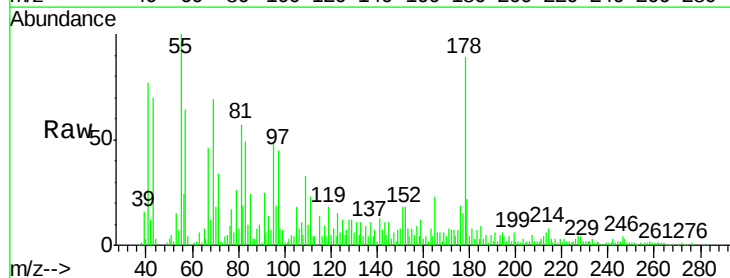
Tgt Ion:178 Resp: 151952

Ion Ratio Lower Upper

178 100

179 24.6 12.6 19.0#

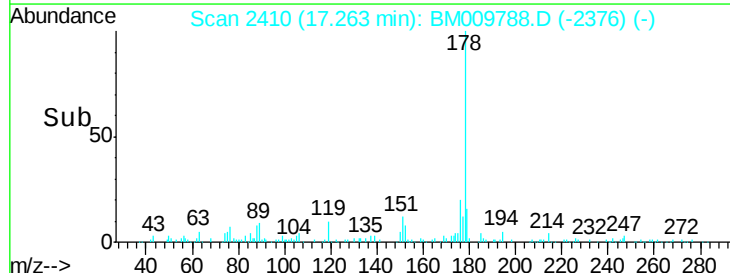
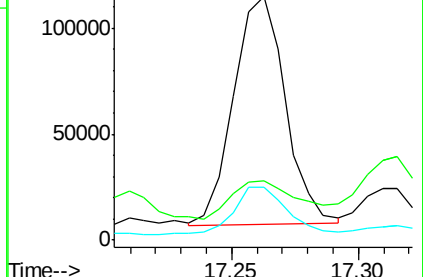
176 21.8 15.8 23.6

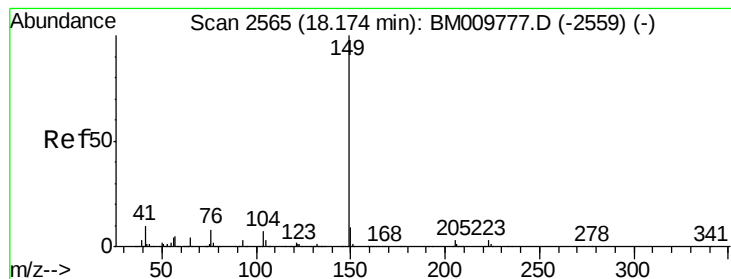


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#73

Di-n-butylphthalate

Concen: 2.77 ng/ul

RT: 18.17 min Scan# 2565

Delta R.T. 0.00 min

Lab File: BM009788.D

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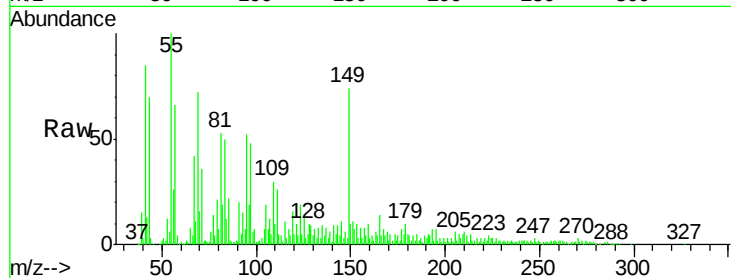
Tgt Ion:149 Resp: 165910

Ion Ratio Lower Upper

149 100

150 13.4 7.1 10.7#

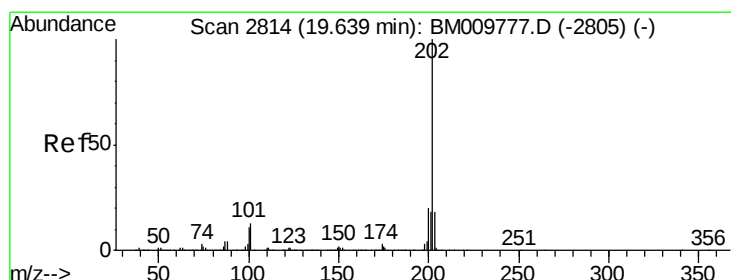
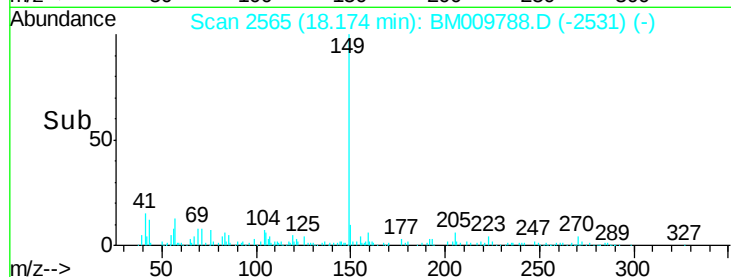
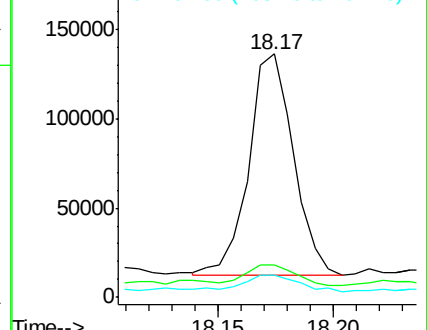
104 9.3 6.9 10.3



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



#77

Pyrene

Concen: 2.83 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BM009788.D

Acq: 28 Apr 2017 19:51

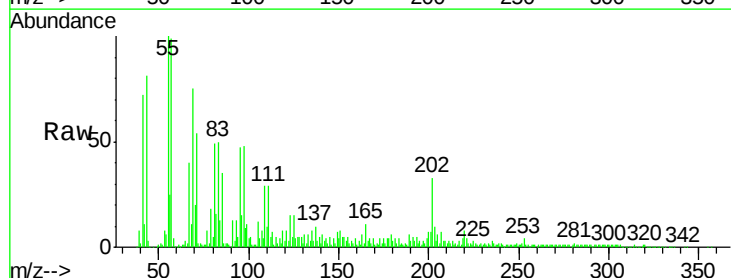
Tgt Ion:202 Resp: 161199

Ion Ratio Lower Upper

202 100

101 14.6 6.2 9.4#

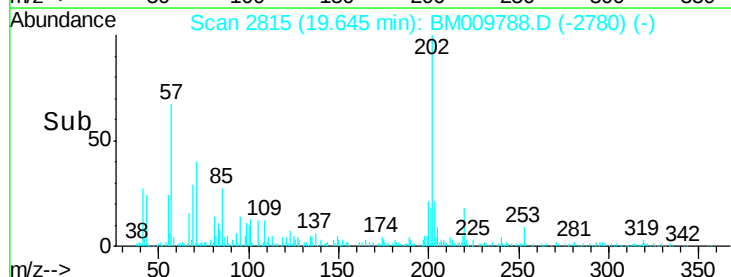
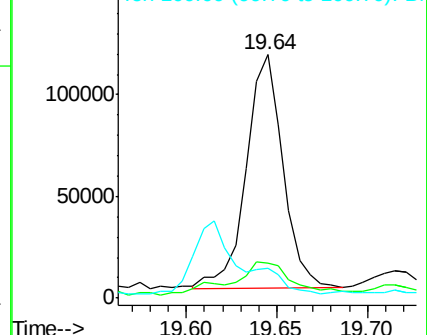
100 12.2 6.4 9.6#

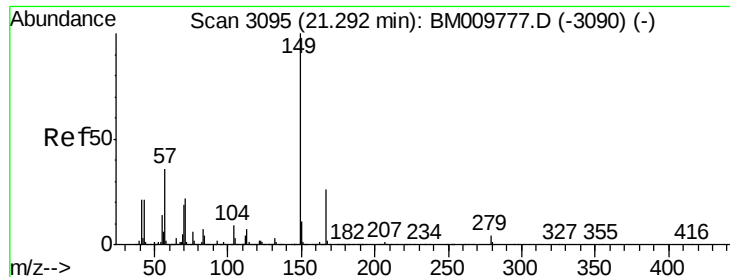


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

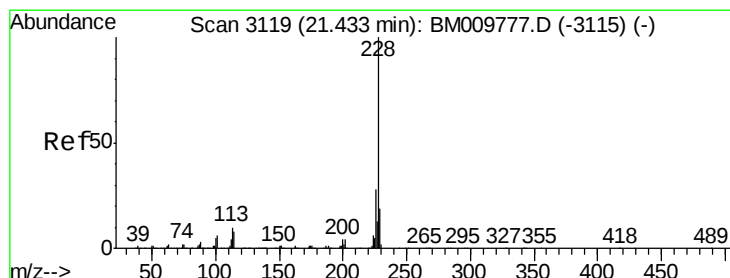
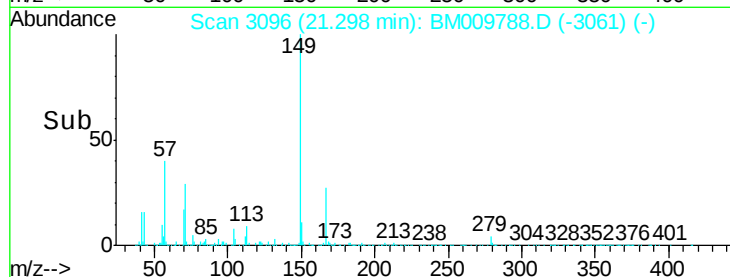
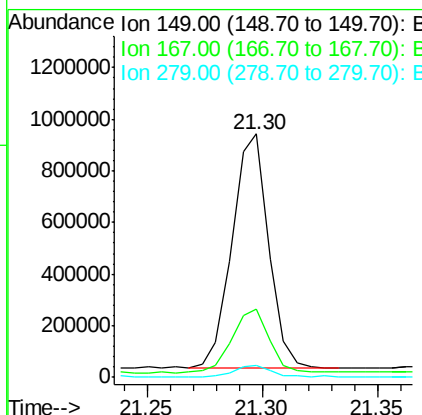
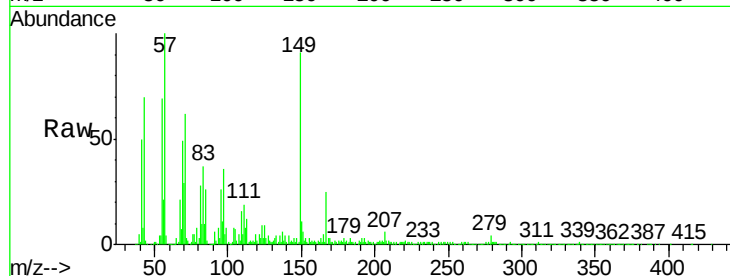




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 27.88 ng/ul
 RT: 21.30 min Scan# 3096
 Delta R.T. 0.01 min
 Lab File: BM009788.D
 Acq: 28 Apr 2017 19:51

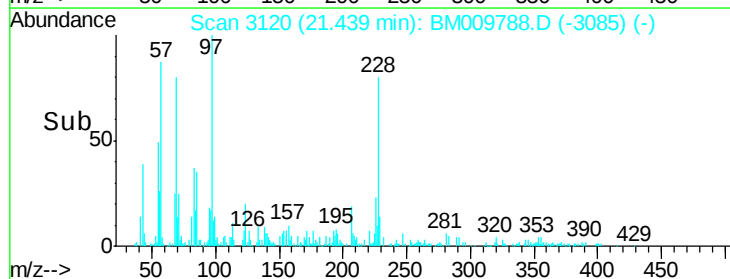
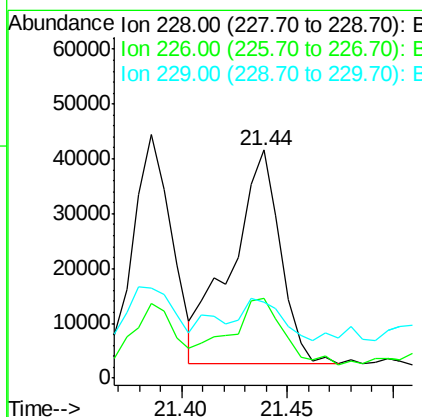
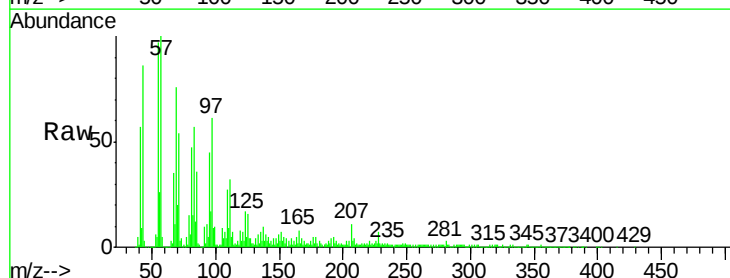
Instrument :
 BNA_M
 ClientSampleId :
 JHST1

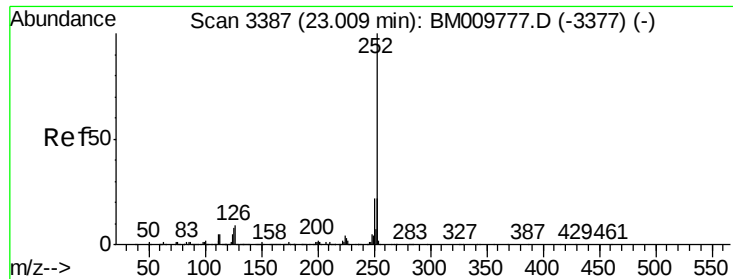
Tgt Ion:149 Resp: 997171
 Ion Ratio Lower Upper
 149 100
 167 27.9 20.2 30.2
 279 4.8 4.0 6.0



#82
 Chrysene
 Concen: 1.16 ng/ul
 RT: 21.44 min Scan# 3120
 Delta R.T. 0.01 min
 Lab File: BM009788.D
 Acq: 28 Apr 2017 19:51

Tgt Ion:228 Resp: 62559
 Ion Ratio Lower Upper
 228 100
 226 34.9 23.9 35.9
 229 33.5 15.4 23.2#





#85

Benzo(b)fluoranthene

Concen: 1.31 ng/ul

RT: 23.02 min Scan# 3389

Delta R.T. 0.01 min

Lab File: BM009788.D

Acq: 28 Apr 2017 19:51

Instrument :

BNA_M

ClientSampled :

JHST1

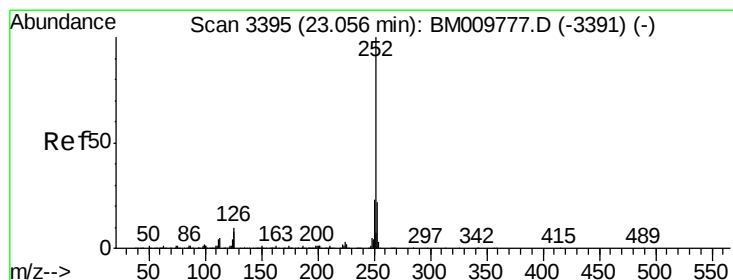
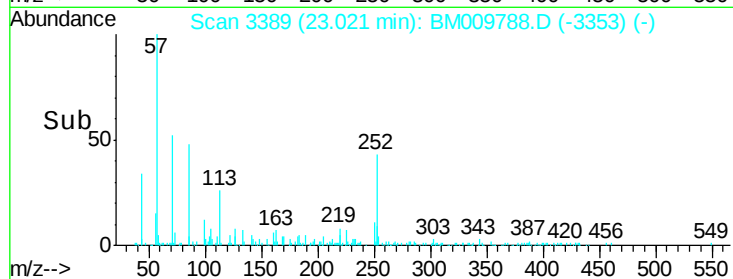
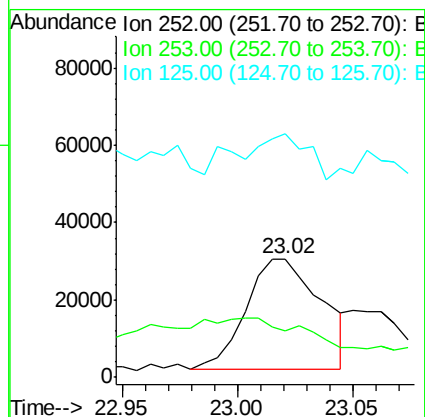
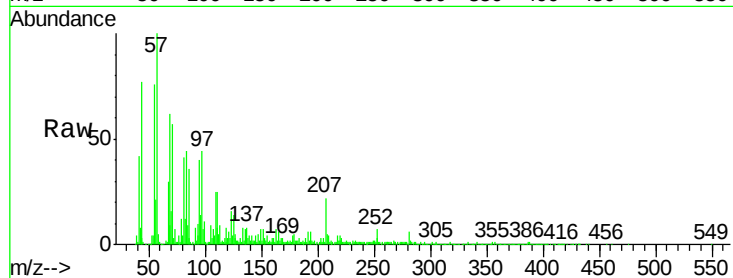
Tgt Ion:252 Resp: 64207

Ion Ratio Lower Upper

252 100

253 39.2 17.0 25.4#

125 206.0 3.7 5.5#



#86

Benzo(k)fluoranthene

Concen: 1.43 ng/ul

RT: 23.02 min Scan# 3389

Delta R.T. -0.04 min

Lab File: BM009788.D

Acq: 28 Apr 2017 19:51

Tgt Ion:252 Resp: 64207

Ion Ratio Lower Upper

252 100

253 39.2 17.4 26.0#

125 206.0 3.8 5.8#

