

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051215\
 Data File : BM001255.D
 Acq On : 12 May 2015 12:23
 Operator : TP/IZ
 Sample : G2159-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1R75

Quant Time: May 12 18:42:25 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051215.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 12 06:50:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	190490	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	850268	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	525650	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	1232674	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	1398439	20.00	ng/ul	0.00
83) Perylene-d12	23.20	264	1340143	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.88	96	7518	1.92	ng/uL	0.00
5) Phenol-d5	6.63	99	170730	11.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	325196	35.52	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	392694	33.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	313181	25.47	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	211808	37.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	243202	38.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	436511	34.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	33398	2.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	1561557	43.83	ng/ul	0.00
46) Acenaphthylene-d8	13.81	160	2005630	39.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.35	143	78502	10.89	ng/ul	0.00
57) Fluorene-d10	15.12	176	1409149	39.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.26	200	266412	35.39	ng/ul	0.00
70) Anthracene-d10	16.97	188	2286478	40.65	ng/ul	0.00
76) Pyrene-d10	19.28	212	2575837	40.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.06	264	2405895	40.67	ng/ul	0.00

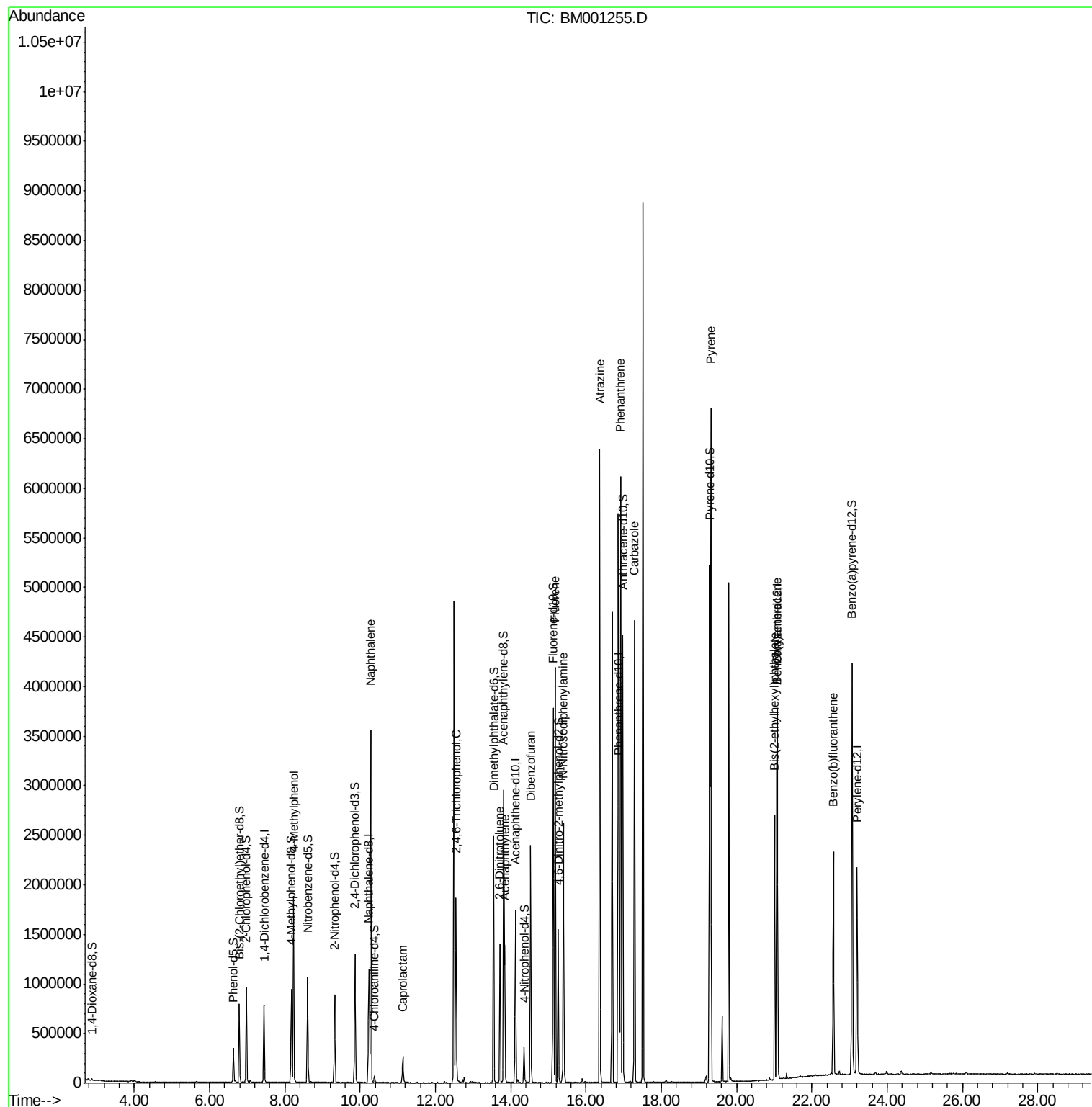
Target Compounds				Qvalue		
16) 4-Methylphenol	8.23	108	576879	43.60	ng/ul	86
28) Naphthalene	10.28	128	2674005	61.18	ng/ul	99
32) Caprolactam	11.13	113	41102	10.60	ng/ul	92
38) 2,4,6-Trichlorophenol	12.54	196	416904	41.27	ng/ul	98
45) 2,6-Dinitrotoluene	13.72	165	235343	30.41	ng/ul	93
47) Acenaphthylene	13.84	152	871620	16.08	ng/ul	98
53) Dibenzofuran	14.53	168	1463571	28.96	ng/ul	98
58) Fluorene	15.18	166	1702719	40.68	ng/ul	99
64) N-Nitrosodiphenylamine	15.40	169	903850	24.36	ng/ul	100
67) Atrazine	16.37	200	1120119	87.17	ng/ul	99
69) Phenanthrene	16.92	178	3373726	49.37	ng/ul	99
72) Carbazole	17.29	167	2714710	42.69	ng/ul	99
77) Pyrene	19.31	202	3610024	41.40	ng/ul	99
80) Benzo(a)anthracene	21.06	228	1329610	16.24	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.01	149	806905	16.97	ng/ul	100
85) Benzo(b)fluoranthene	22.57	252	1304819	16.14	ng/ul	99

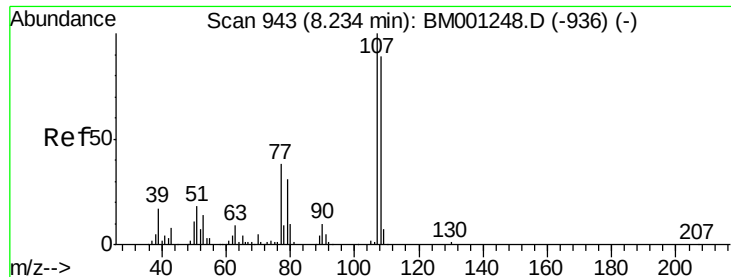
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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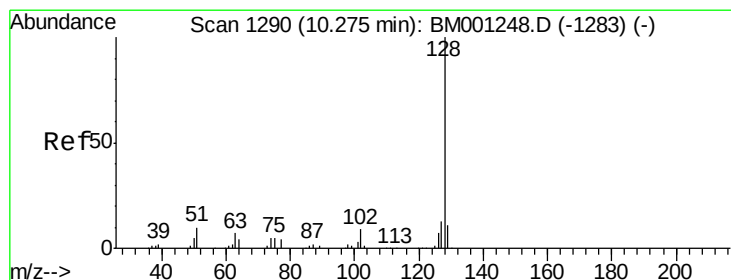
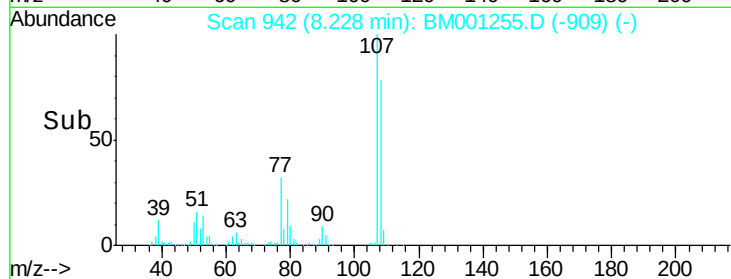
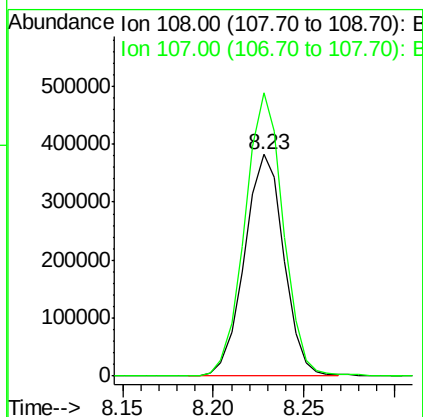
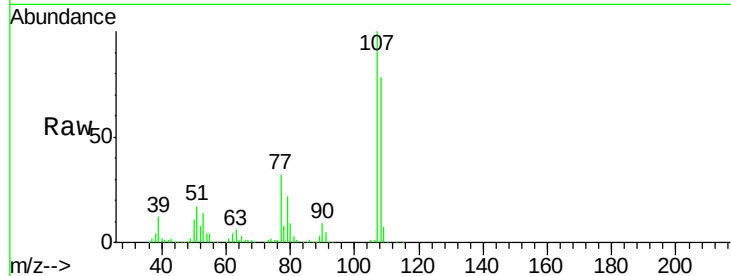




#16
4-Methylphenol
Concen: 43.60 ng/ul
RT: 8.23 min Scan# 942
Delta R.T. -0.01 min
Lab File: BM001255.D
Acq: 12 May 2015 12:23

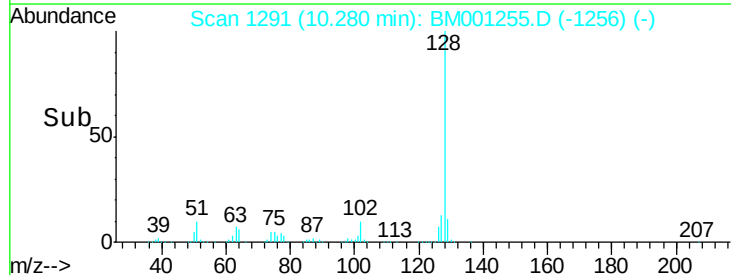
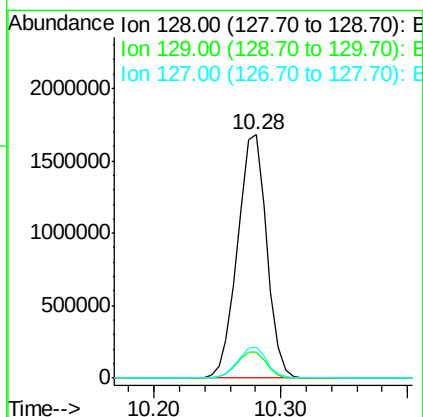
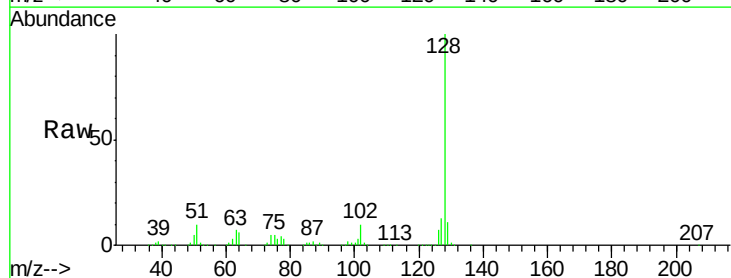
Instrument :
BNA_M
ClientSampleId :
X1R75

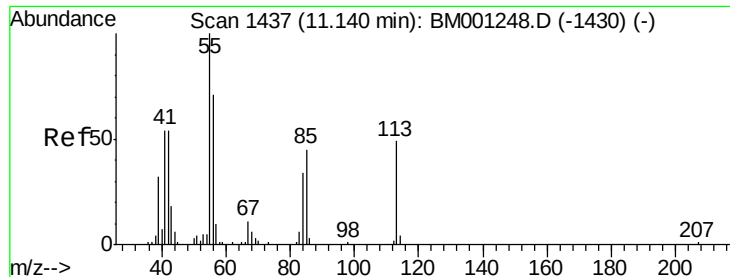
Tgt Ion:108 Resp: 576879
Ion Ratio Lower Upper
108 100
107 127.7 89.8 134.8



#28
Naphthalene
Concen: 61.18 ng/ul
RT: 10.28 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BM001255.D
Acq: 12 May 2015 12:23

Tgt Ion:128 Resp: 2674005
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.9 10.0 15.0

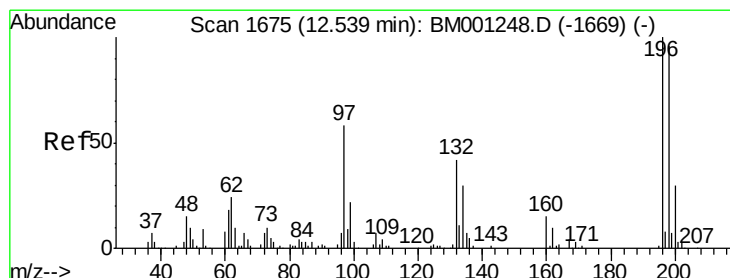
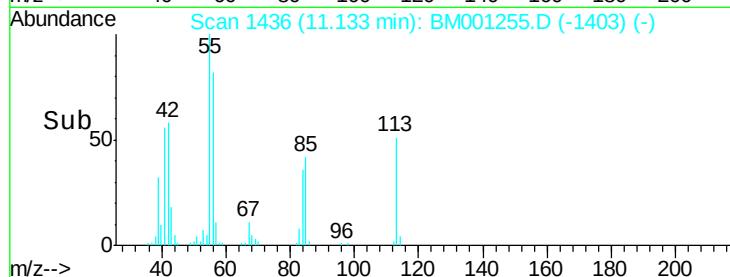
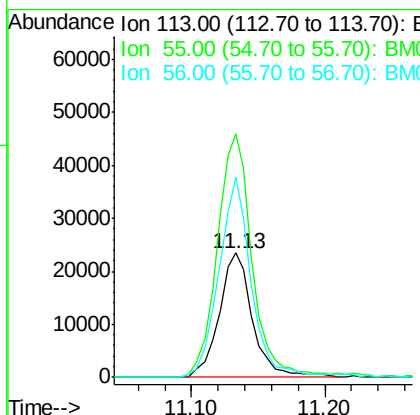
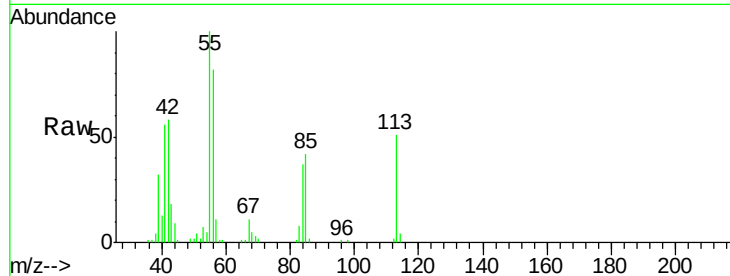




#32
 Caprolactam
 Concen: 10.60 ng/ul
 RT: 11.13 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BM001255.D
 Acq: 12 May 2015 12:23

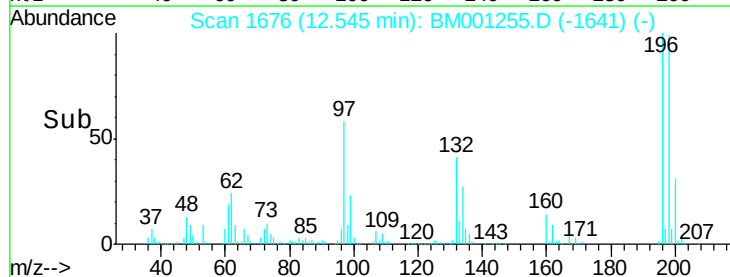
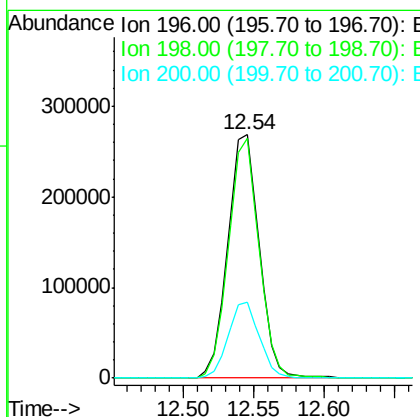
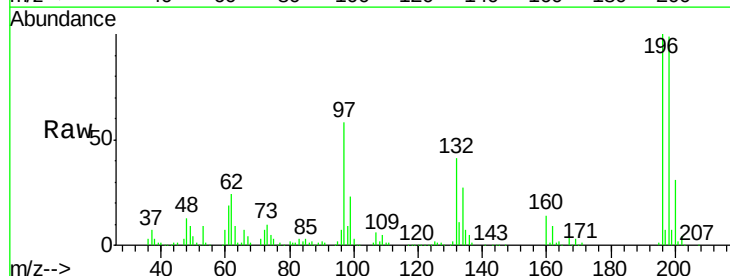
Instrument :
 BNA_M
 ClientSampled :
 X1R75

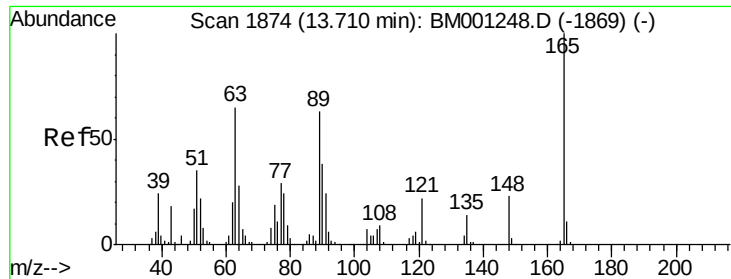
Tgt Ion:113 Resp: 41102
 Ion Ratio Lower Upper
 113 100
 55 195.7 162.1 243.1
 56 160.6 115.5 173.3



#38
 2,4,6-Trichlorophenol
 Concen: 41.27 ng/ul
 RT: 12.54 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BM001255.D
 Acq: 12 May 2015 12:23

Tgt Ion:196 Resp: 416904
 Ion Ratio Lower Upper
 196 100
 198 98.7 77.1 115.7
 200 31.3 24.4 36.6

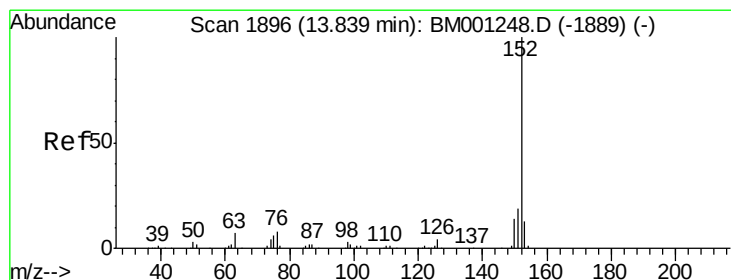
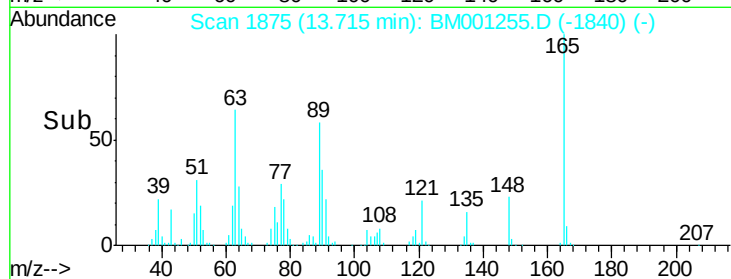
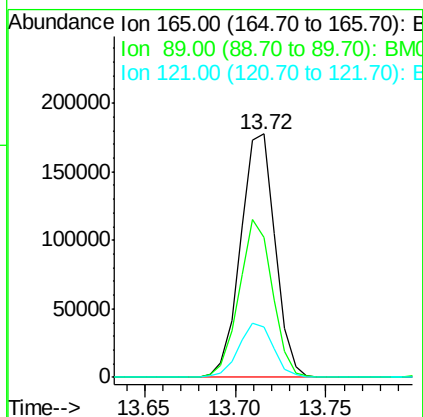
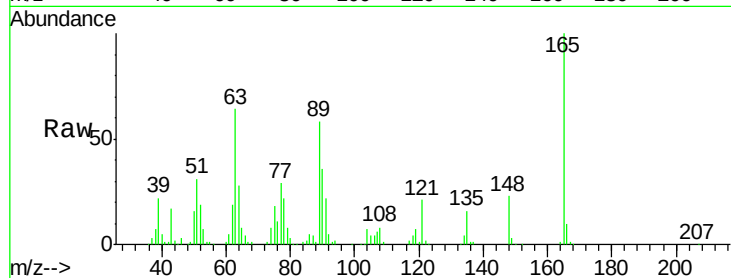




#45
 2,6-Dinitrotoluene
 Concen: 30.41 ng/ul
 RT: 13.72 min Scan# 1875
 Delta R.T. 0.01 min
 Lab File: BM001255.D
 Acq: 12 May 2015 12:23

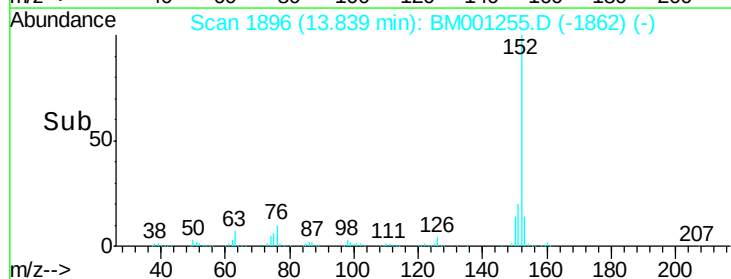
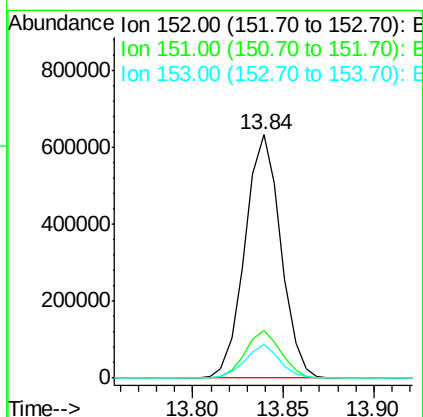
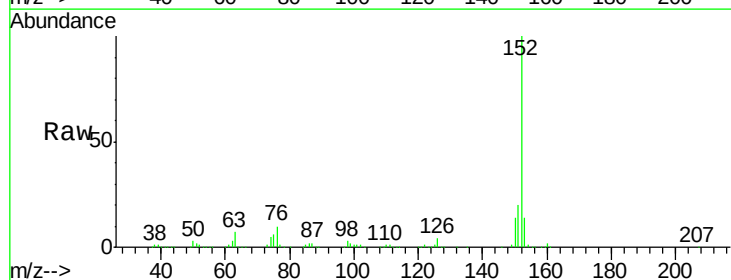
Instrument :
 BNA_M
 ClientSampleId :
 X1R75

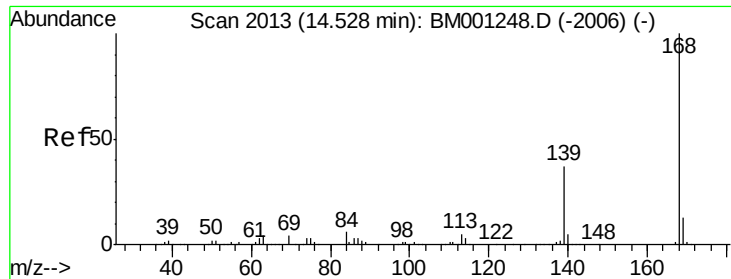
Tgt Ion:165 Resp: 235343
 Ion Ratio Lower Upper
 165 100
 89 57.6 50.7 76.1
 121 20.6 18.0 27.0



#47
 Acenaphthylene
 Concen: 16.08 ng/ul
 RT: 13.84 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BM001255.D
 Acq: 12 May 2015 12:23

Tgt Ion:152 Resp: 871620
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.0 22.6
 153 13.7 10.0 15.0

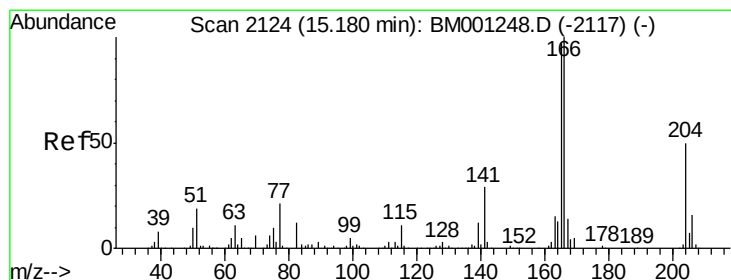
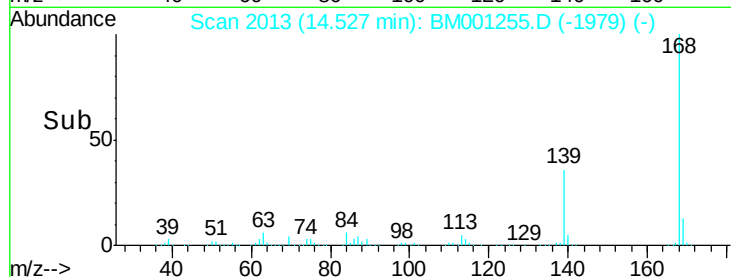
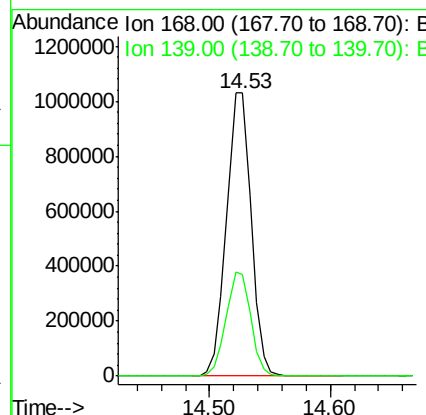
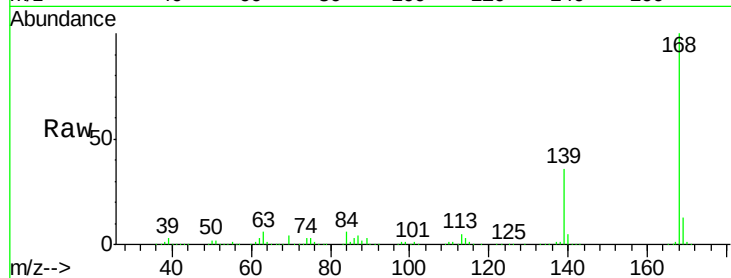




#53
Dibenzo(furan)
Concen: 28.96 ng/ul
RT: 14.53 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BM001255.D
Acq: 12 May 2015 12:23

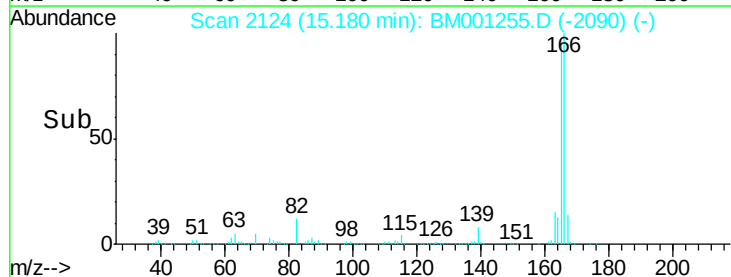
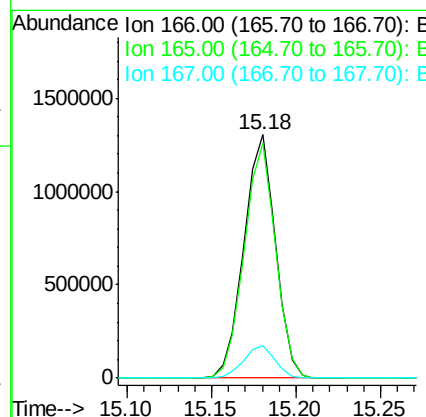
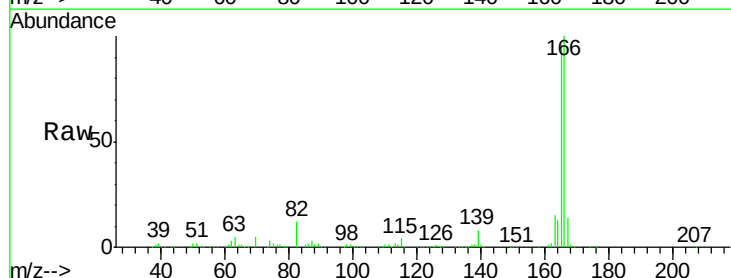
Instrument :
BNA_M
ClientSampled :
X1R75

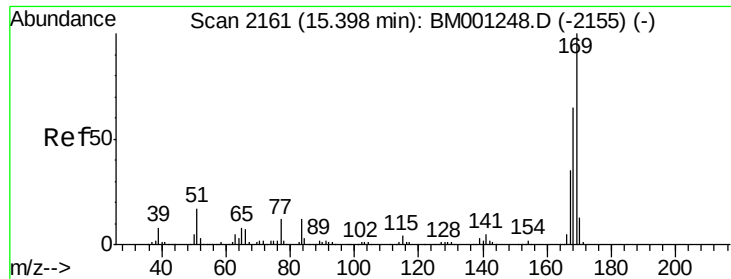
Tgt Ion:168 Resp: 1463571
Ion Ratio Lower Upper
168 100
139 36.1 29.8 44.8



#58
Fluorene
Concen: 40.68 ng/ul
RT: 15.18 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BM001255.D
Acq: 12 May 2015 12:23

Tgt Ion:166 Resp: 1702719
Ion Ratio Lower Upper
166 100
165 96.5 77.7 116.5
167 13.6 11.0 16.6





#64

N-Nitrosodiphenylamine

Concen: 24.36 ng/ul

RT: 15.40 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BM001255.D

Acq: 12 May 2015 12:23

Instrument :

BNA_M

ClientSampleId :

X1R75

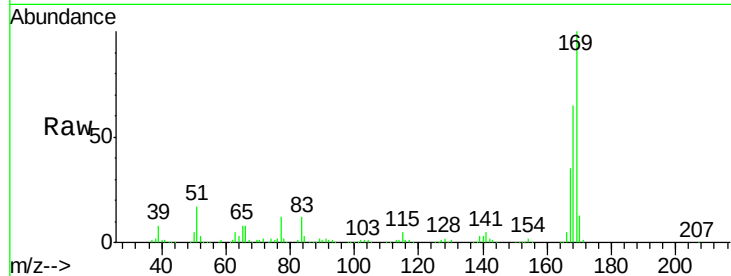
Tgt Ion:169 Resp: 903850

Ion Ratio Lower Upper

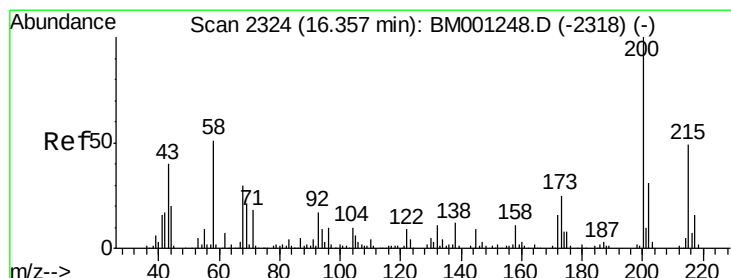
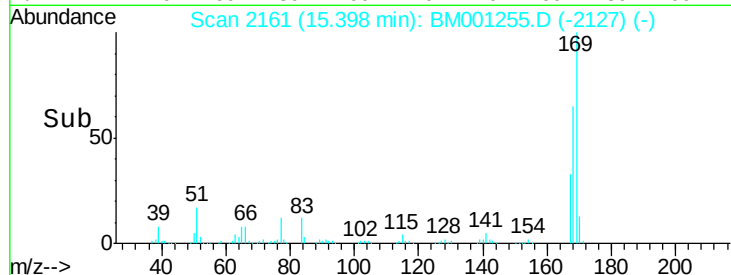
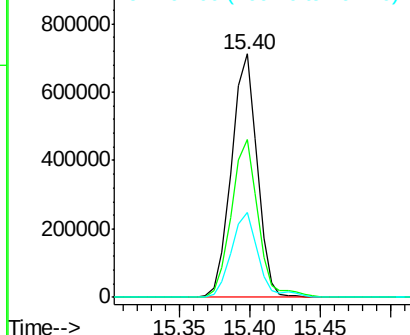
169 100

168 65.1 51.8 77.8

167 34.8 27.8 41.8



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



#67

Atrazine

Concen: 87.17 ng/ul

RT: 16.37 min Scan# 2326

Delta R.T. 0.01 min

Lab File: BM001255.D

Acq: 12 May 2015 12:23

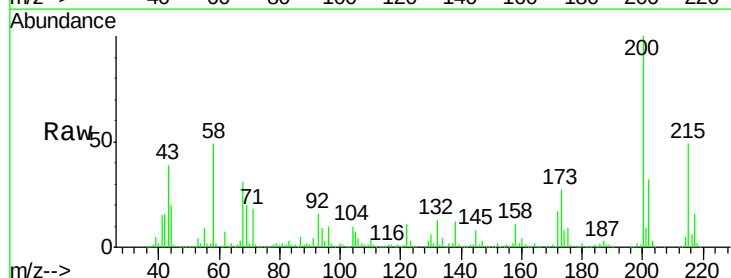
Tgt Ion:200 Resp: 1120119

Ion Ratio Lower Upper

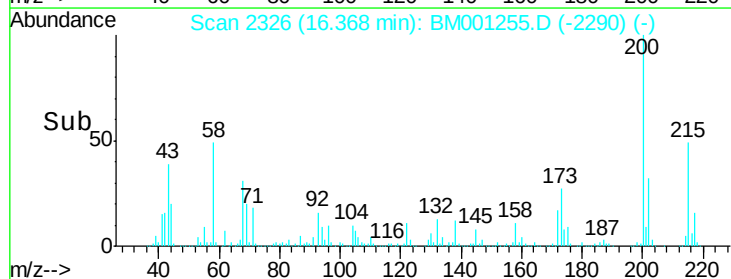
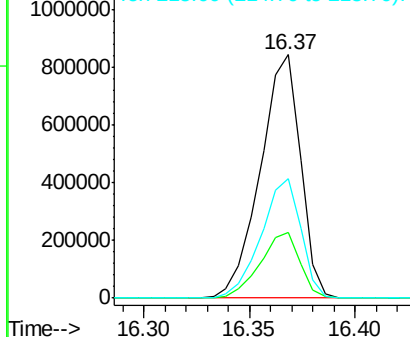
200 100

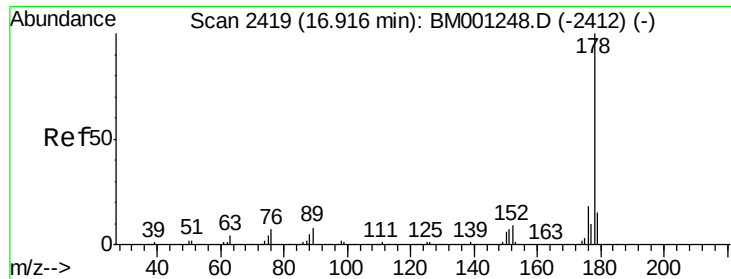
173 26.9 20.4 30.6

215 48.9 39.4 59.0



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Phenanthrene

Concen: 49.37 ng/ul

RT: 16.92 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BM001255.D

Acq: 12 May 2015 12:23

Instrument :

BNA_M

ClientSampleId :

X1R75

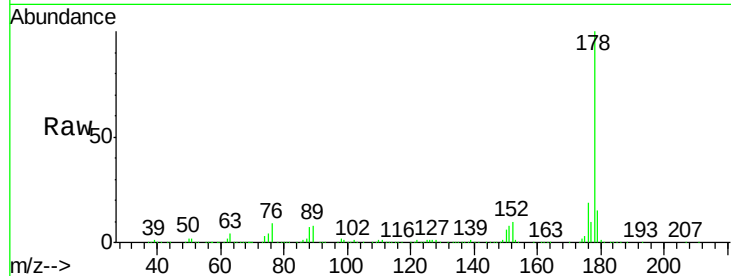
Tgt Ion:178 Resp: 3373726

Ion Ratio Lower Upper

178 100

179 15.1 11.8 17.8

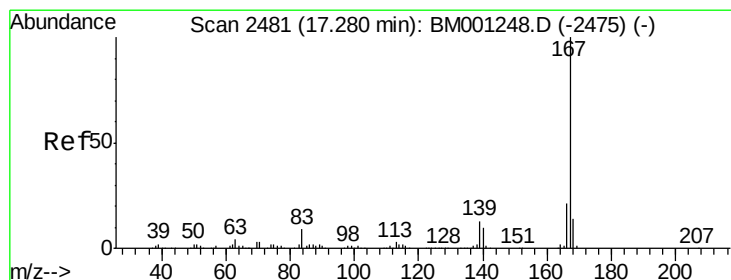
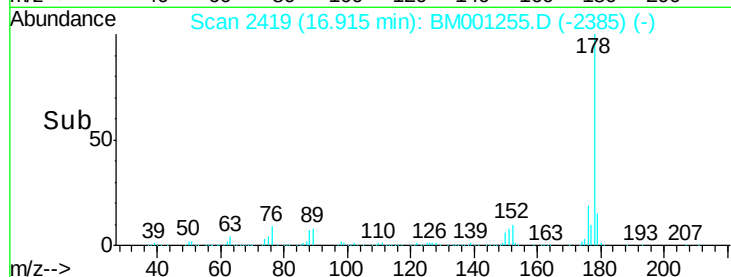
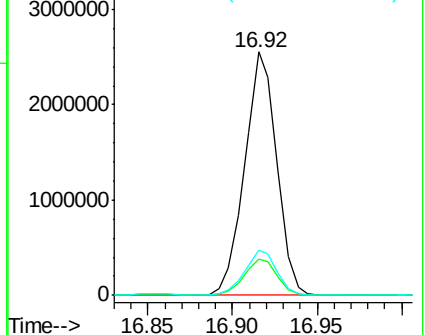
176 18.7 14.3 21.5



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



#72

Carbazole

Concen: 42.69 ng/ul

RT: 17.29 min Scan# 2482

Delta R.T. 0.01 min

Lab File: BM001255.D

Acq: 12 May 2015 12:23

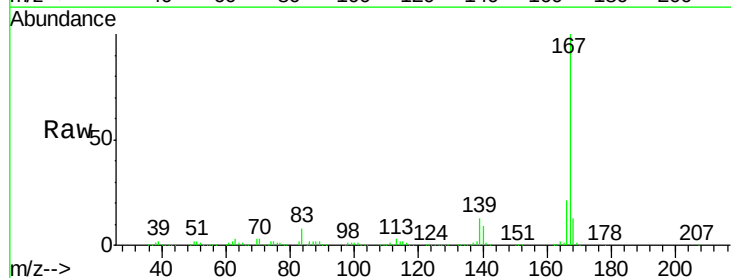
Tgt Ion:167 Resp: 2714710

Ion Ratio Lower Upper

167 100

166 21.0 16.6 24.8

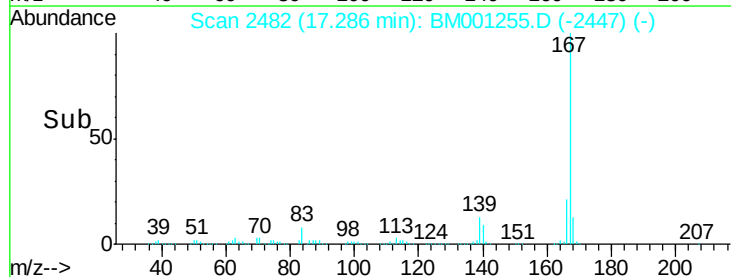
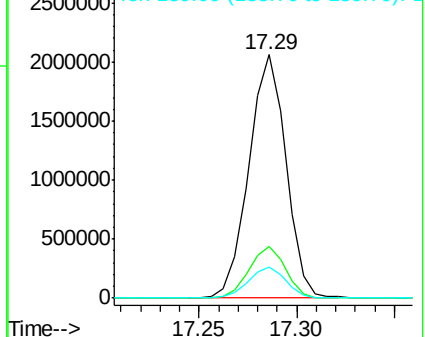
139 12.7 10.0 15.0

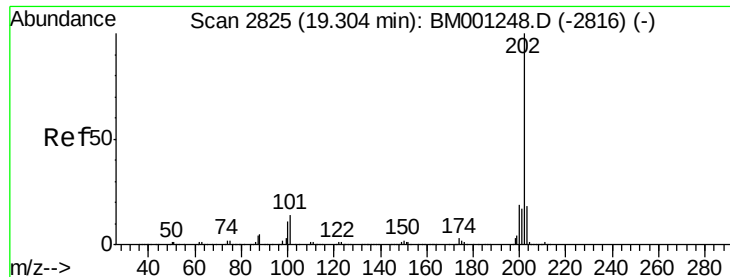


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Pyrene

Concen: 41.40 ng/ul

RT: 19.31 min Scan# 2826

Delta R.T. 0.01 min

Lab File: BM001255.D

Acq: 12 May 2015 12:23

Instrument :

BNA_M

ClientSampleId :

X1R75

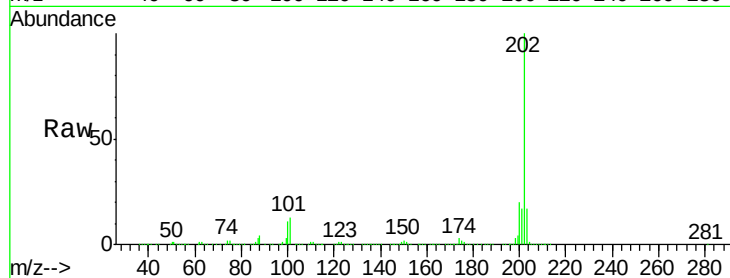
Tgt Ion:202 Resp: 3610024

Ion Ratio Lower Upper

202 100

101 13.3 11.0 16.6

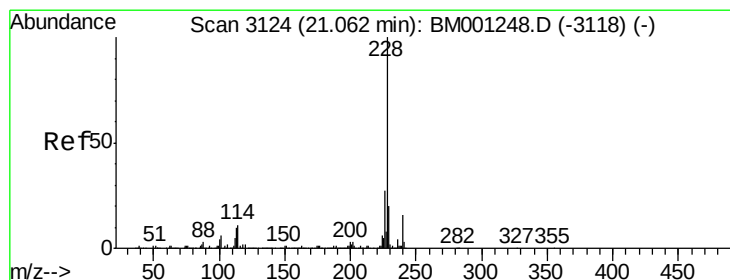
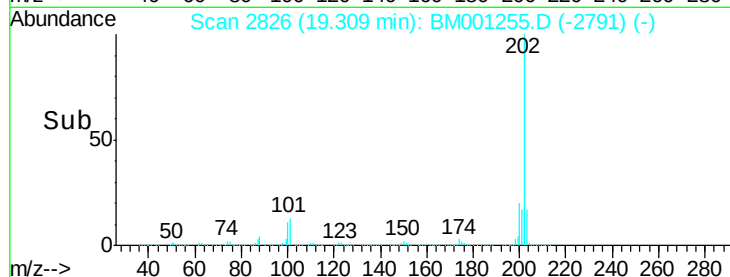
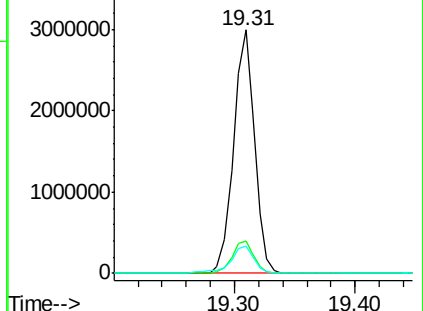
100 11.0 9.0 13.4



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



#80

Benzo(a)anthracene

Concen: 16.24 ng/ul

RT: 21.06 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BM001255.D

Acq: 12 May 2015 12:23

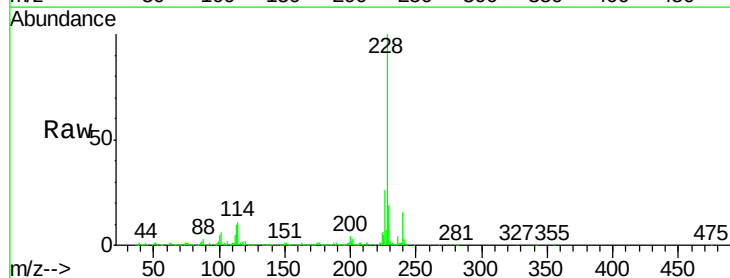
Tgt Ion:228 Resp: 1329610

Ion Ratio Lower Upper

228 100

229 19.1 15.8 23.6

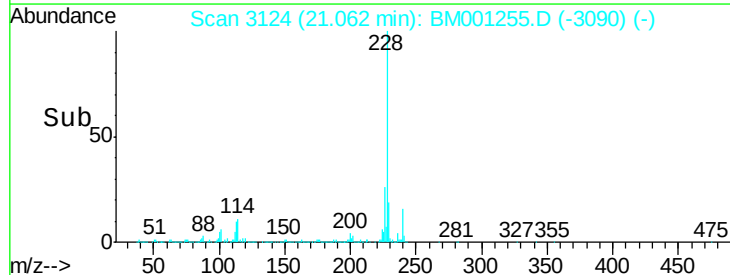
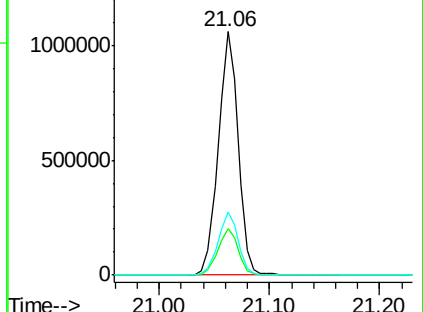
226 26.0 21.2 31.8

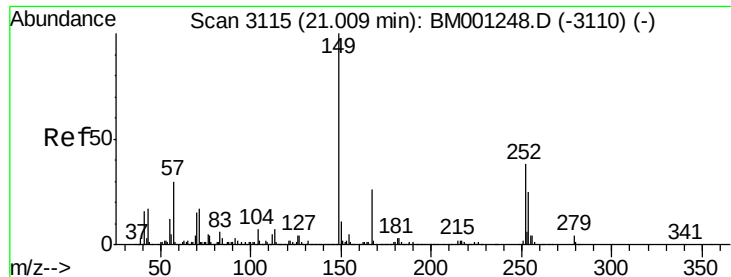


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

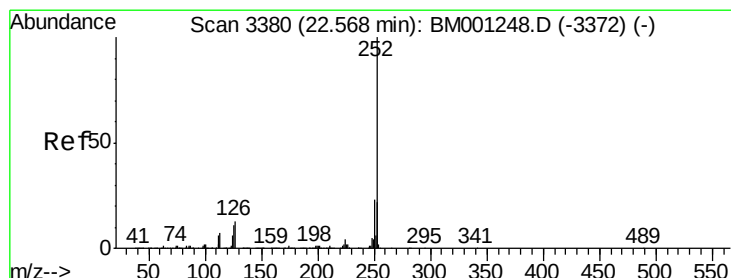
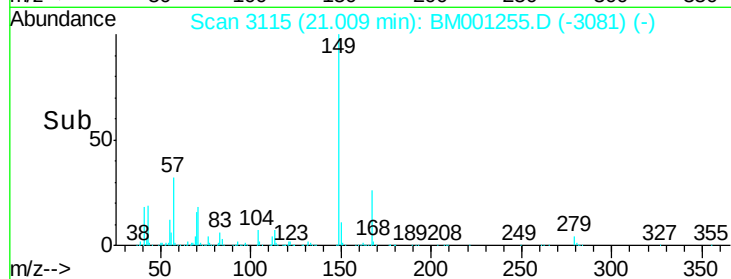
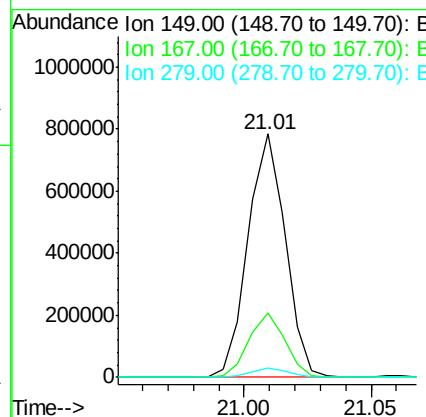
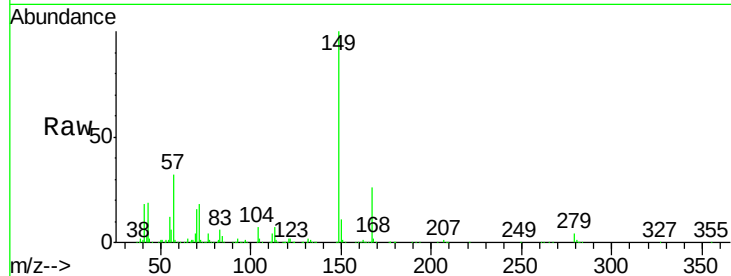




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 16.97 ng/ul
 RT: 21.01 min Scan# 3115
 Delta R.T. -0.00 min
 Lab File: BM001255.D
 Acq: 12 May 2015 12:23

Instrument :
 BNA_M
 ClientSampleId :
 X1R75

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	4.0	3.1	4.7



#85
 Benzo(b)fluoranthene
 Concen: 16.14 ng/ul
 RT: 22.57 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: BM001255.D
 Acq: 12 May 2015 12:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	11.0	8.9	13.3

