

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032515\
 Data File : BE089846.D
 Acq On : 25 Mar 2015 20:47
 Operator : TP/JJ
 Sample : G1575-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-11

Quant Time: Mar 26 06:45:46 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 16:20:31 2015
 Response via : Initial Calibration

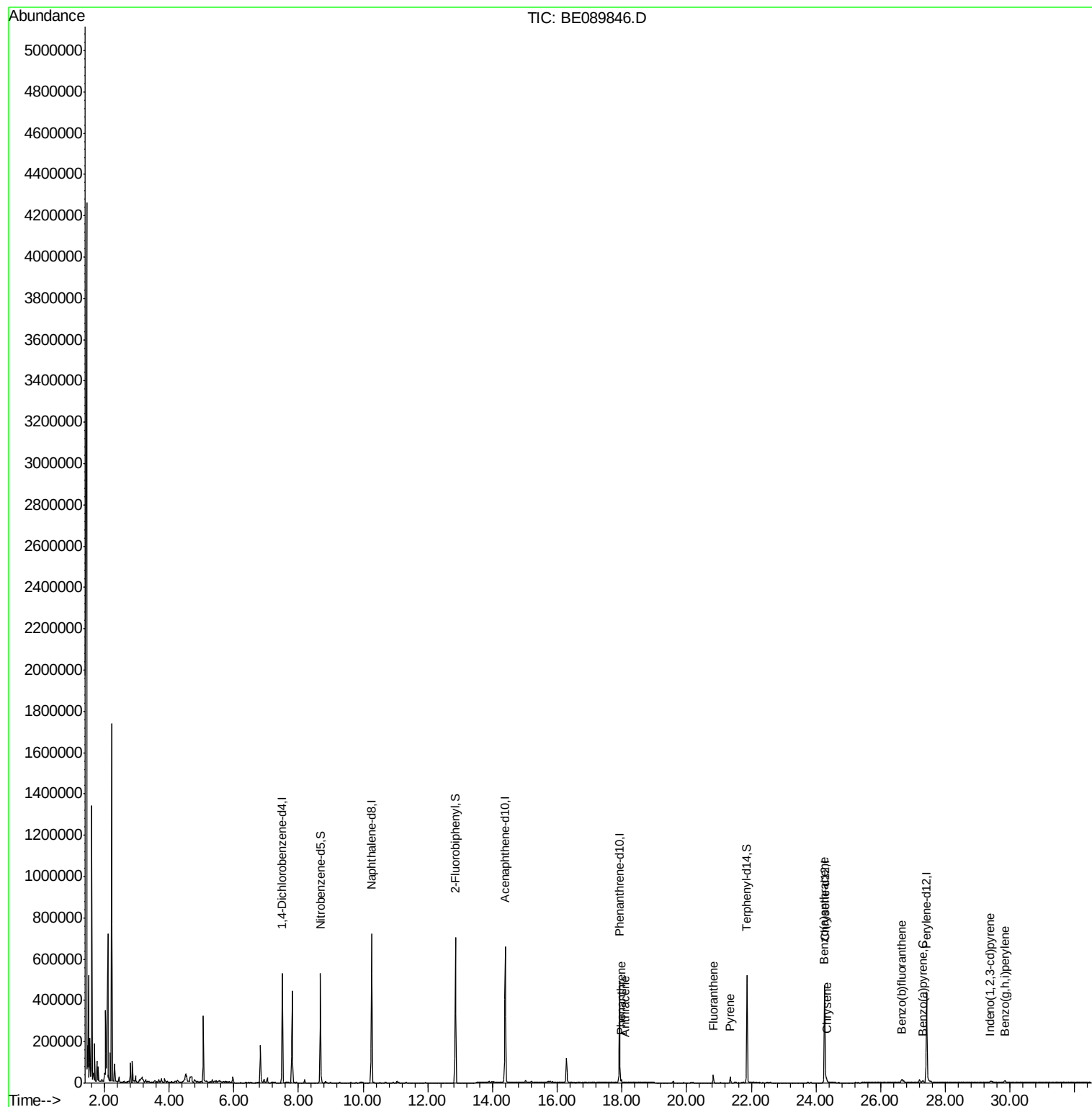
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	228376	5.00	ng	0.00
4) Naphthalene-d8	10.26	136	906185	5.00	ng	0.00
8) Acenaphthene-d10	14.39	164	390727	5.00	ng	0.00
13) Phenanthrene-d10	17.93	188	641473	5.00	ng	0.00
19) Chrysene-d12	24.27	240	594740	5.00	ng	0.00
25) Perylene-d12	27.42	264	553539	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.68	82	432398	6.60	ng	0.00
9) 2-Fluorobiphenyl	12.86	172	684893	7.49	ng	0.00
21) Terphenyl-d14	21.87	244	700879	7.99	ng	0.00
Target Compounds						Qvalue
16) Phenanthrene	17.98	178	17693	0.13	ng	99
17) Anthracene	18.10	178	3856m	0.03	ng	
18) Fluoranthene	20.83	202	40707	0.32	ng	# 98
20) Pyrene	21.35	202	34473	0.23	ng	97
22) Benzo(a)anthracene	24.25	228	13049	0.12	ng	# 89
23) Chrysene	24.32	228	30168	0.25	ng	# 93
24) Indeno(1,2,3-cd)pyrene	29.39	276	15021	0.54	ng	# 76
26) Benzo(b)fluoranthene	26.65	252	30926	0.56	ng	# 80
28) Benzo(a)pyrene	27.30	252	13623	0.41	ng	# 57
30) Benzo(g,h,i)perylene	29.84	276	18136	0.40	ng	# 94

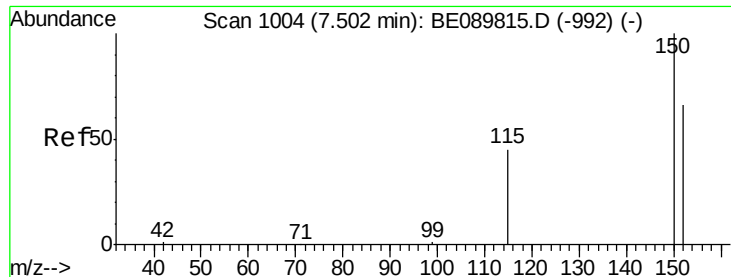
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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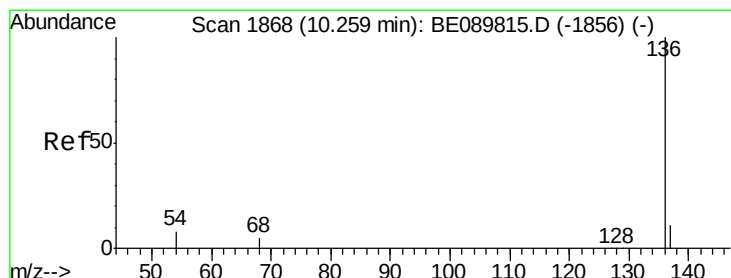
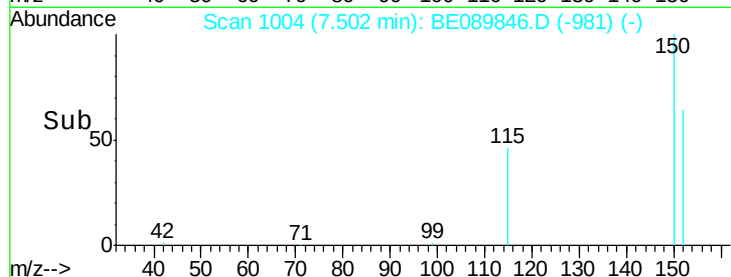
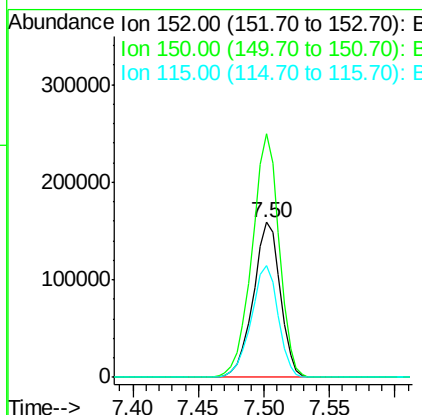
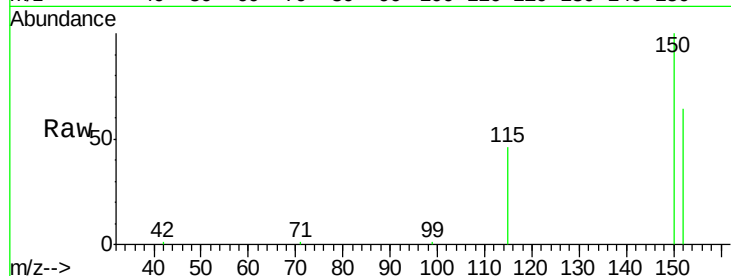




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.50 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BE089846.D
 Acq: 25 Mar 2015 20:47

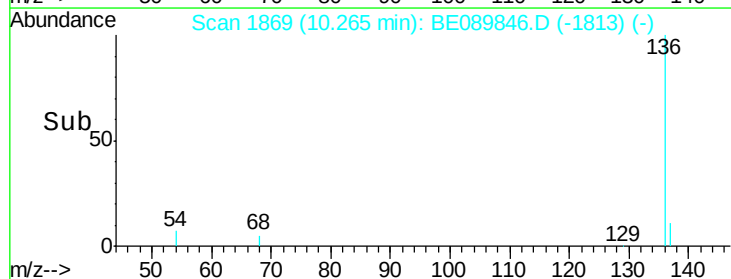
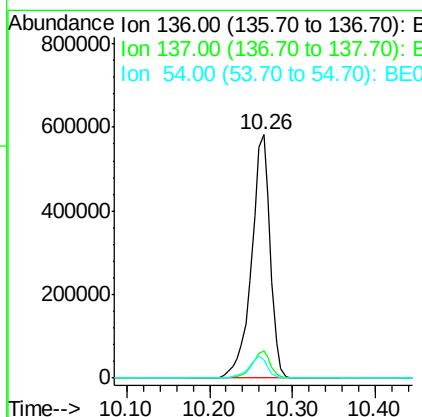
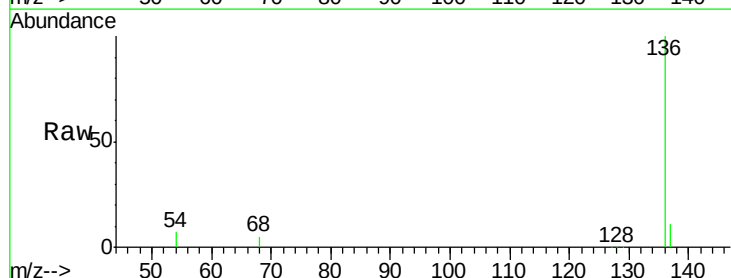
Instrument :
 BNA_E
 ClientSampleId :
 MW-11

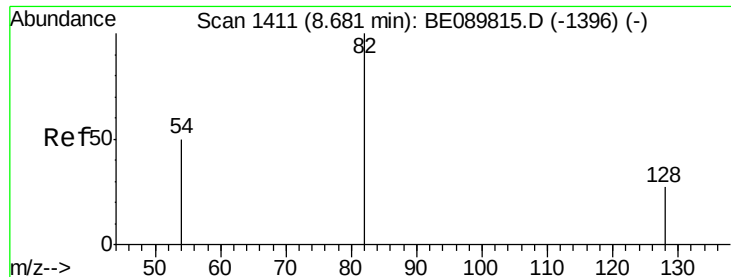
Tgt Ion:152 Resp: 228376
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.5 188.3
 115 72.4 58.0 87.0



#4
 Naphthalene-d8
 Concen: 5.00 ng
 RT: 10.26 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: BE089846.D
 Acq: 25 Mar 2015 20:47

Tgt Ion:136 Resp: 906185
 Ion Ratio Lower Upper
 136 100
 137 11.3 8.8 13.2
 54 7.5 7.0 10.4





#5

Nitrobenzene-d5

Concen: 6.60 ng

RT: 8.68 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE089846.D

Acq: 25 Mar 2015 20:47

Instrument :

BNA_E

ClientSampleId :

MW-11

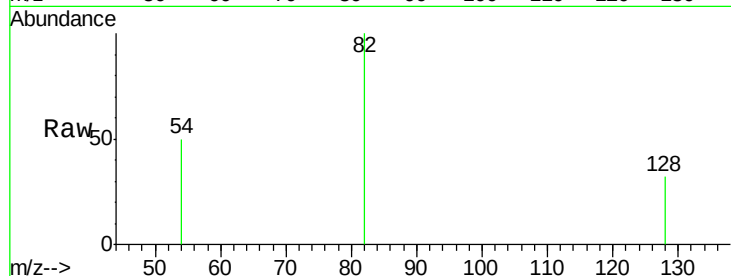
Tgt Ion: 82 Resp: 432398

Ion Ratio Lower Upper

82 100

128 32.1 24.6 37.0

54 50.1 43.0 64.6

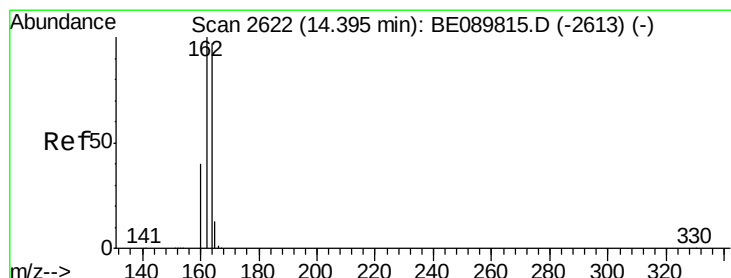
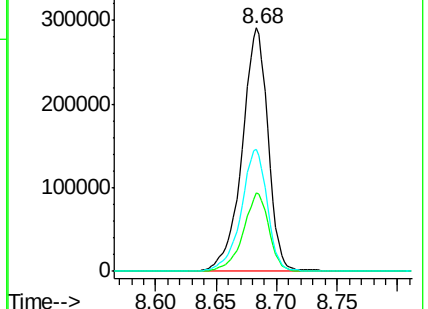
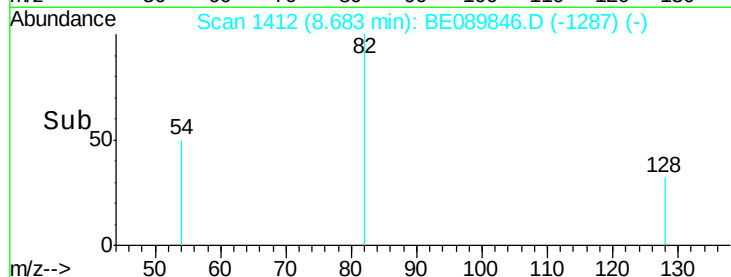


Abundance Ion 82.00 (81.70 to 82.70): BE089815.D (-1396) (-)

Ion 128.00 (127.70 to 128.70): BE089815.D (-1396) (-)

Ion 54.00 (53.70 to 54.70): BE089815.D (-1396) (-)

Time-->



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.39 min Scan# 2622

Delta R.T. 0.01 min

Lab File: BE089846.D

Acq: 25 Mar 2015 20:47

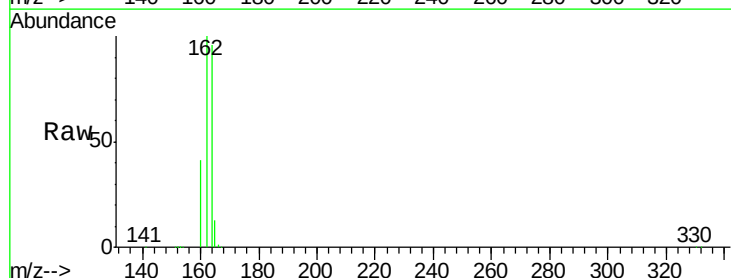
Tgt Ion: 164 Resp: 390727

Ion Ratio Lower Upper

164 100

162 104.1 87.6 131.4

160 42.9 36.7 55.1

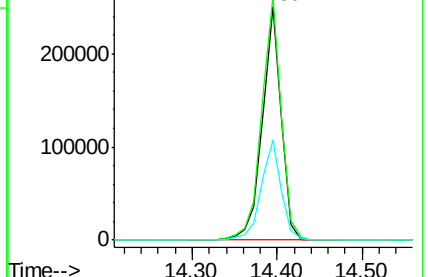
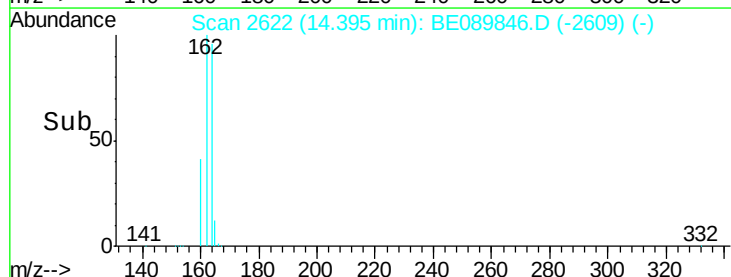


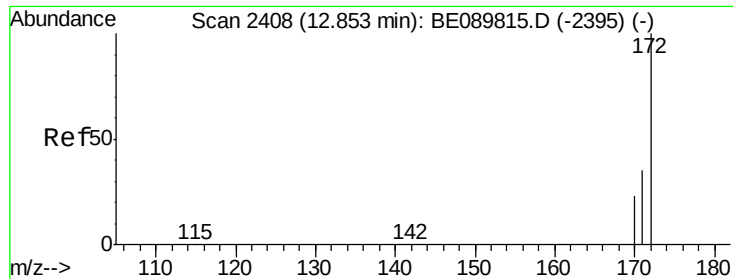
Abundance Ion 164.00 (163.70 to 164.70): BE089815.D (-2613) (-)

Ion 162.00 (161.70 to 162.70): BE089815.D (-2613) (-)

Ion 160.00 (159.70 to 160.70): BE089815.D (-2613) (-)

Time-->





#9

2-Fluorobiphenyl

Concen: 7.49 ng

RT: 12.86 min Scan# 2409

Delta R.T. 0.01 min

Lab File: BE089846.D

Acq: 25 Mar 2015 20:47

Instrument :

BNA_E

ClientSampleId :

MW-11

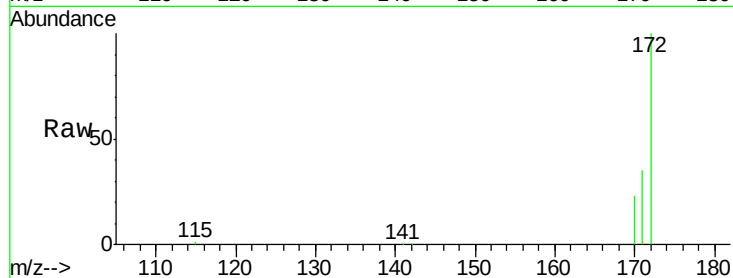
Tgt Ion:172 Resp: 684893

Ion Ratio Lower Upper

172 100

171 35.4 30.8 46.2

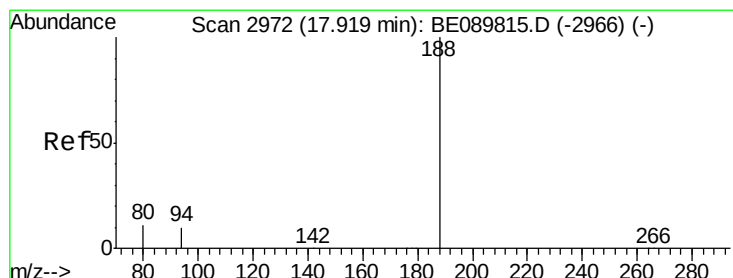
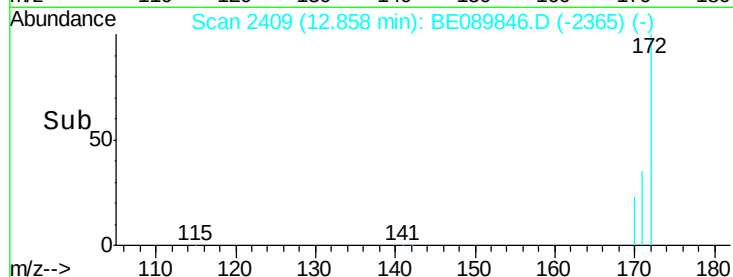
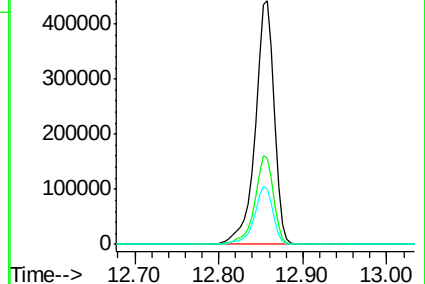
170 23.0 21.0 31.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#13

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.93 min Scan# 2973

Delta R.T. 0.01 min

Lab File: BE089846.D

Acq: 25 Mar 2015 20:47

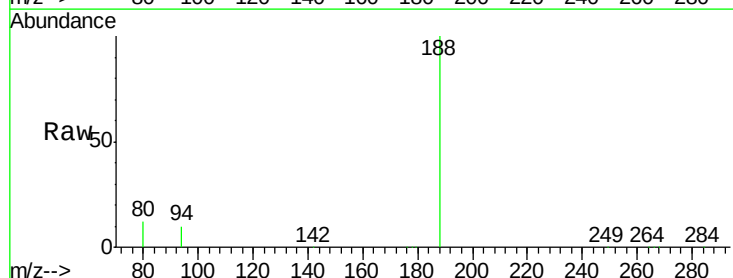
Tgt Ion:188 Resp: 641473

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

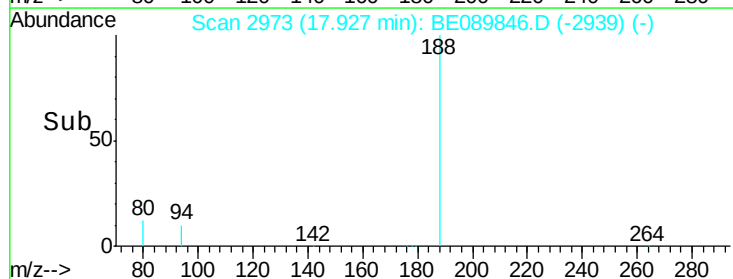
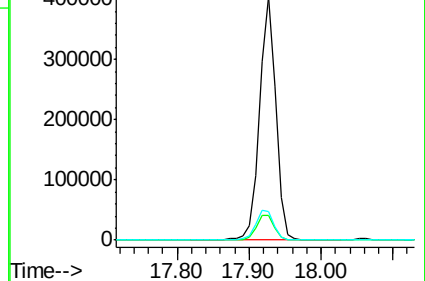
80 11.7 10.0 15.0

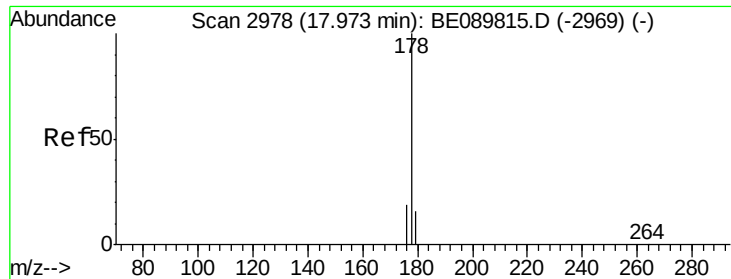


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#16

Phenanthrene

Concen: 0.13 ng

RT: 17.98 min Scan# 2979

Delta R.T. 0.01 min

Lab File: BE089846.D

Acq: 25 Mar 2015 20:47

Instrument :

BNA_E

ClientSampleId :

MW-11

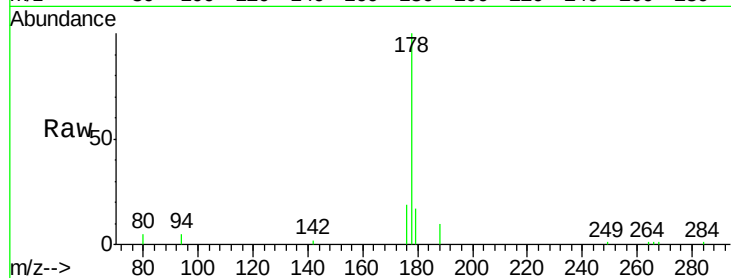
Tgt Ion:178 Resp: 17693

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

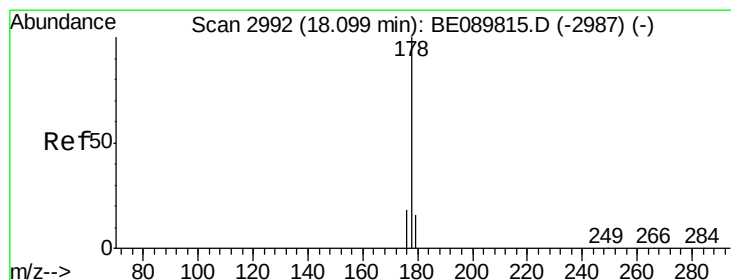
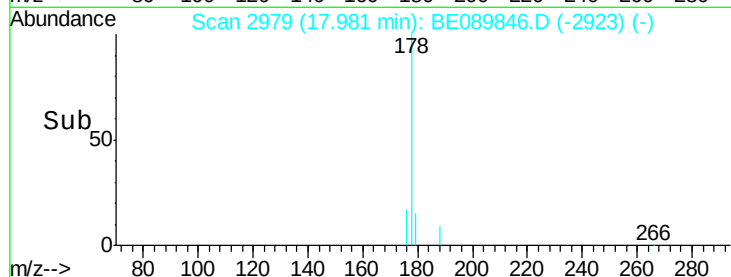
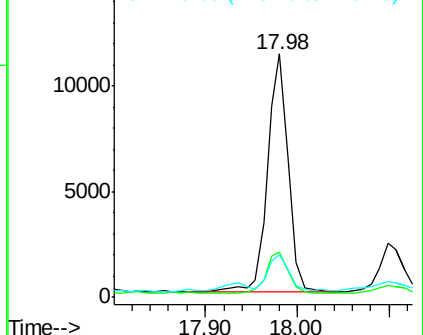
179 14.9 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#17

Anthracene

Concen: 0.03 ng m

RT: 18.10 min Scan# 2992

Delta R.T. -0.00 min

Lab File: BE089846.D

Acq: 25 Mar 2015 20:47

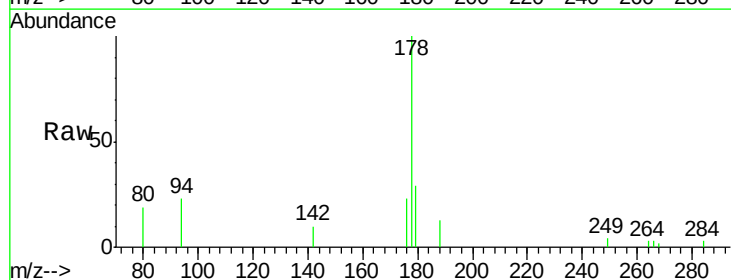
Tgt Ion:178 Resp: 3856

Ion Ratio Lower Upper

178 100

176 86.2 14.6 21.8#

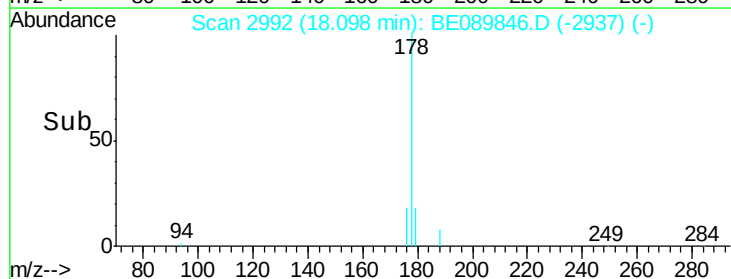
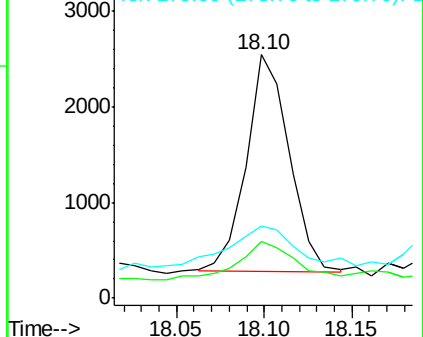
179 70.6 12.1 18.1#

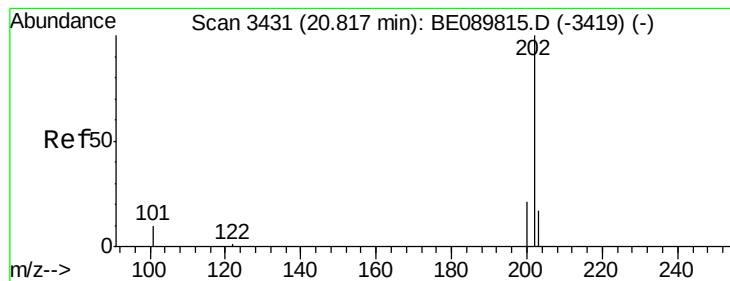


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#18

Fluoranthene

Concen: 0.32 ng

RT: 20.83 min Scan# 3433

Delta R.T. 0.01 min

Lab File: BE089846.D

Acq: 25 Mar 2015 20:47

Instrument :

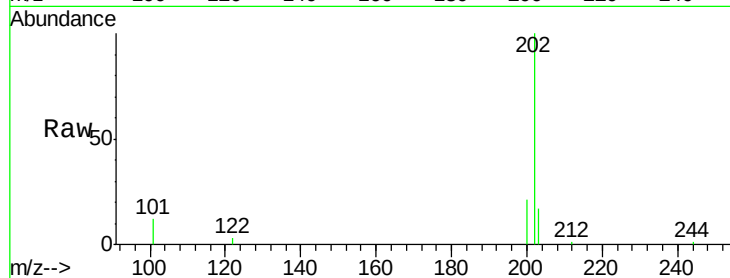
BNA_E

ClientSampleId :

MW-11

Tgt Ion:202 Resp: 40707

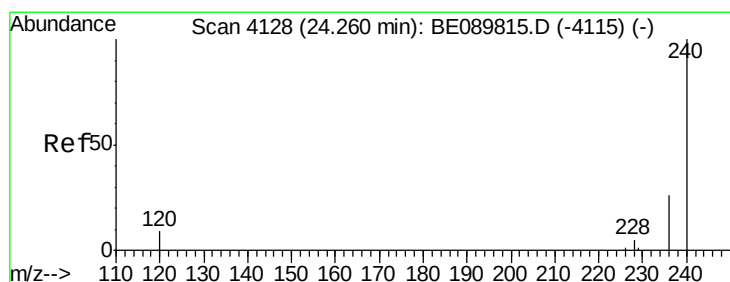
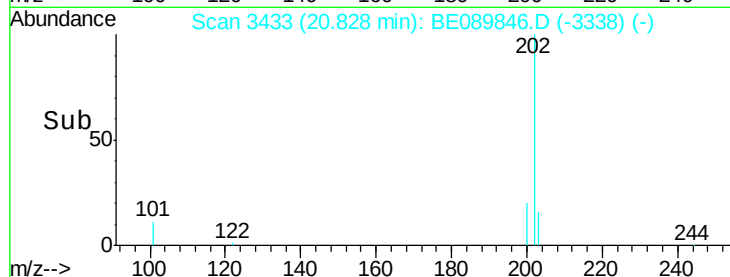
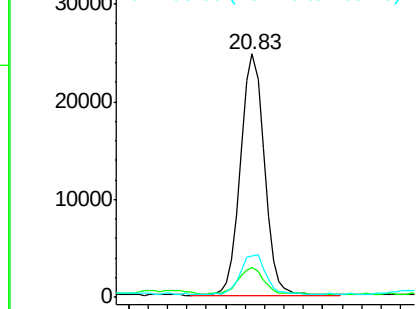
Ion	Ratio	Lower	Upper
202	100		
101	12.5	8.2	12.2#
203	17.9	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#19

Chrysene-d12

Concen: 5.00 ng

RT: 24.27 min Scan# 4130

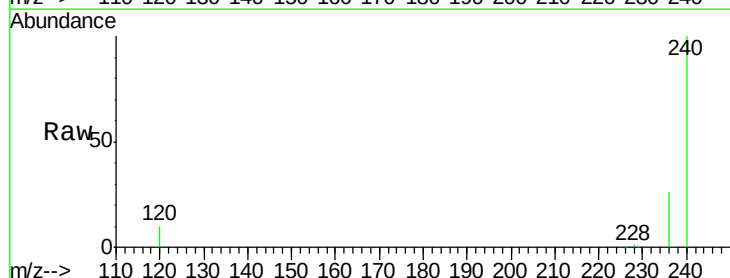
Delta R.T. 0.01 min

Lab File: BE089846.D

Acq: 25 Mar 2015 20:47

Tgt Ion:240 Resp: 594740

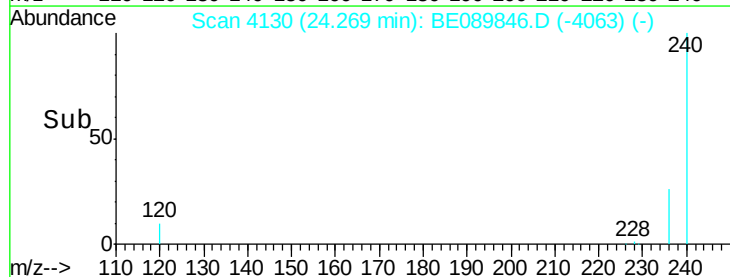
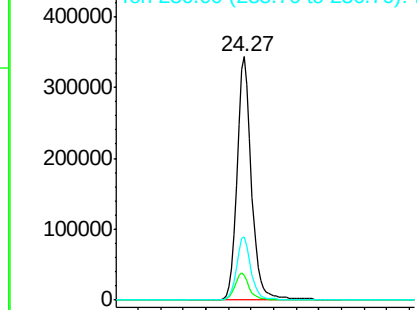
Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.5	11.3
236	25.9	20.5	30.7

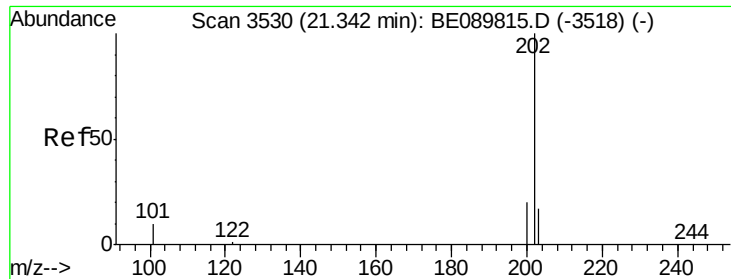


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

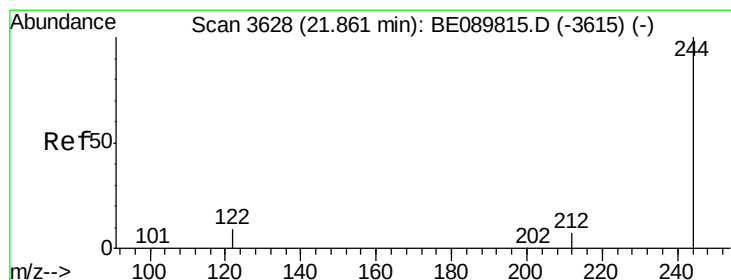
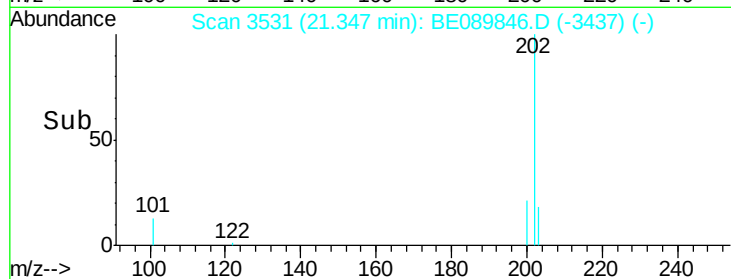
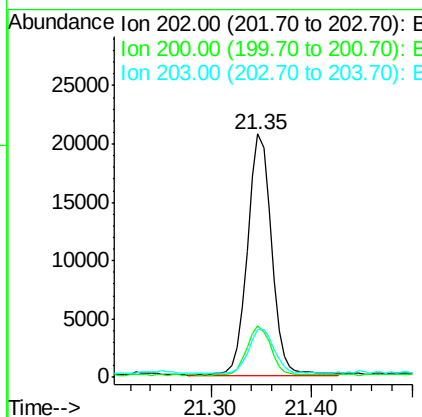
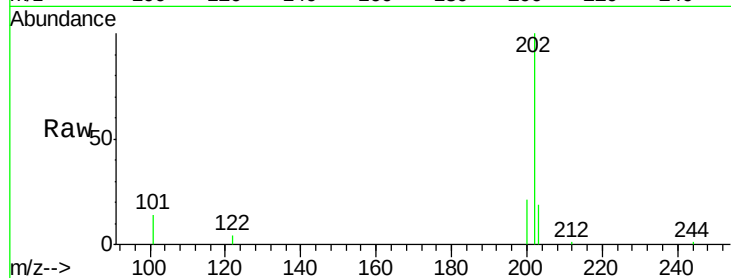




#20
Pyrene
Concen: 0.23 ng
RT: 21.35 min Scan# 3531
Delta R.T. 0.00 min
Lab File: BE089846.D
Acq: 25 Mar 2015 20:47

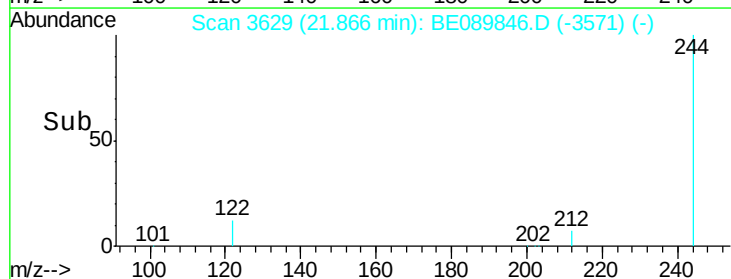
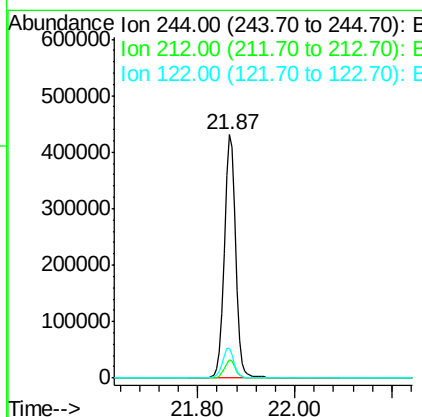
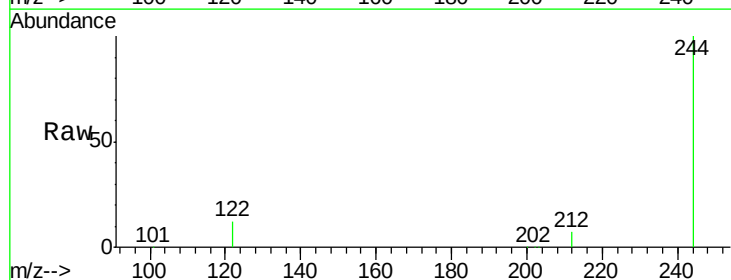
Instrument :
BNA_E
ClientSampled :
MW-11

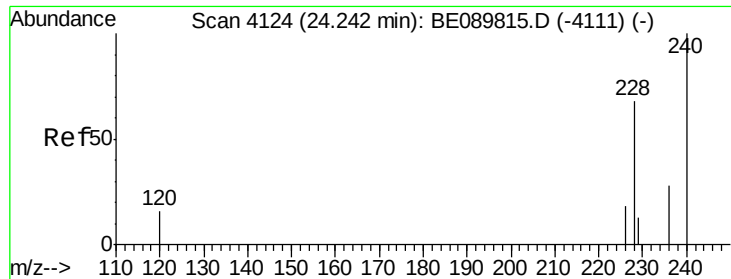
Tgt Ion:202 Resp: 34473
Ion Ratio Lower Upper
202 100
200 20.2 15.9 23.9
203 19.4 13.6 20.4



#21
Terphenyl-d14
Concen: 7.99 ng
RT: 21.87 min Scan# 3629
Delta R.T. 0.01 min
Lab File: BE089846.D
Acq: 25 Mar 2015 20:47

Tgt Ion:244 Resp: 700879
Ion Ratio Lower Upper
244 100
212 7.4 7.3 10.9
122 12.4 10.5 15.7





#22

Benzo(a)anthracene

Concen: 0.12 ng

RT: 24.25 min Scan# 4126

Delta R.T. 0.00 min

Lab File: BE089846.D

Acq: 25 Mar 2015 20:47

Instrument :

BNA_E

ClientSampleId :

MW-11

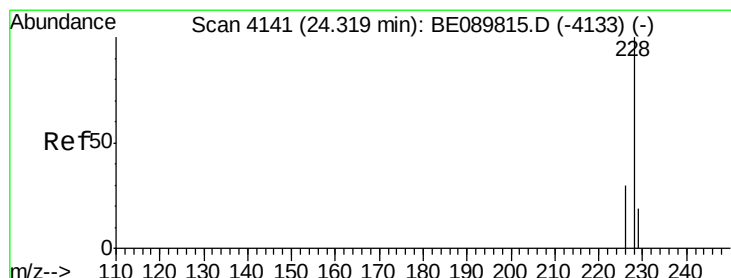
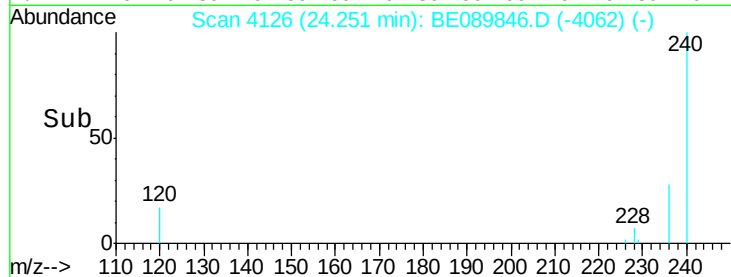
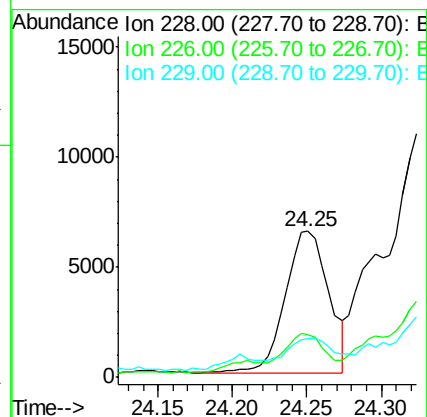
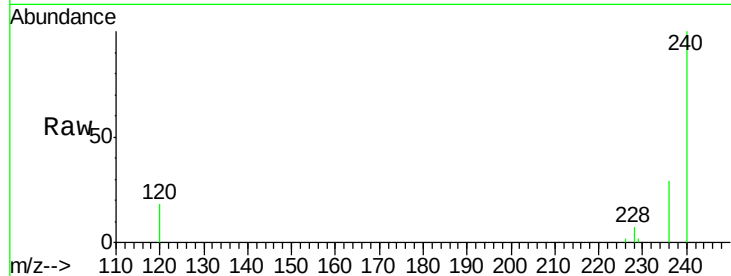
Tgt Ion:228 Resp: 13049

Ion Ratio Lower Upper

228 100

226 29.2 19.8 29.8

229 26.6 16.3 24.5#



#23

Chrysene

Concen: 0.25 ng

RT: 24.32 min Scan# 4142

Delta R.T. 0.01 min

Lab File: BE089846.D

Acq: 25 Mar 2015 20:47

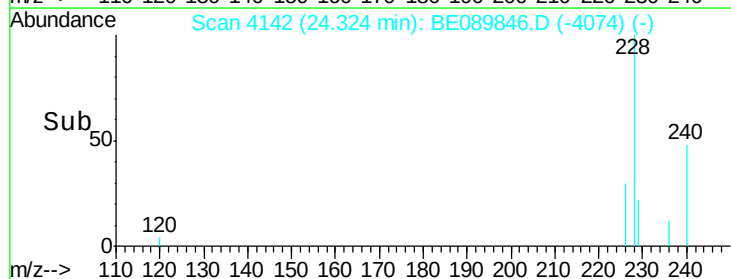
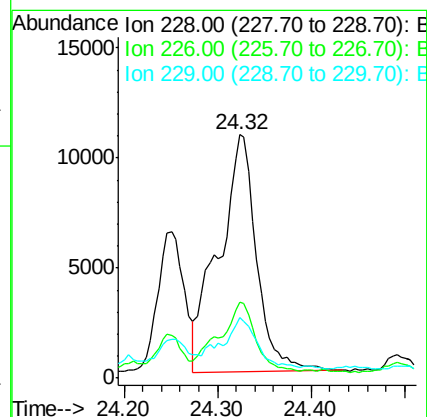
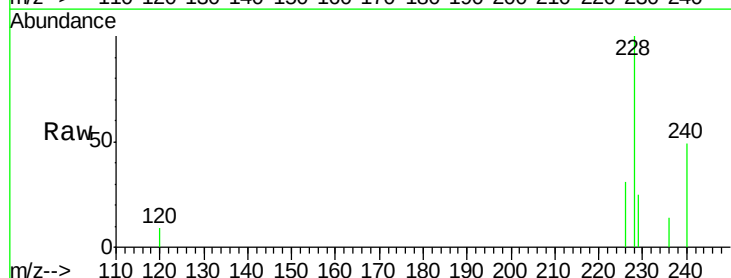
Tgt Ion:228 Resp: 30168

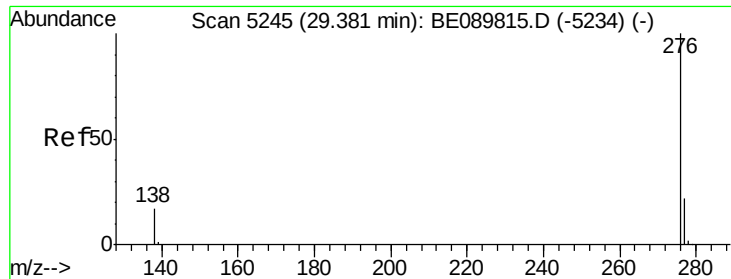
Ion Ratio Lower Upper

228 100

226 31.2 23.0 34.4

229 24.7 15.8 23.6#

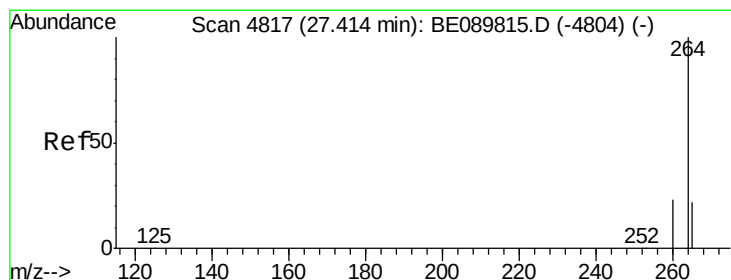
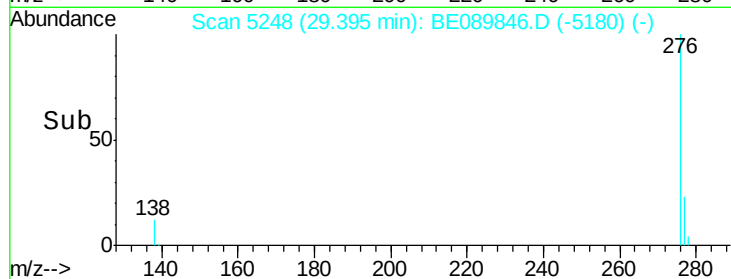
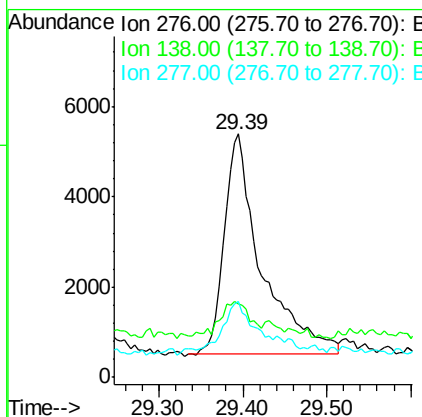
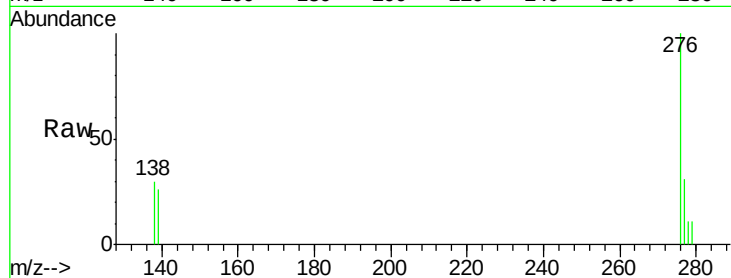




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.54 ng
 RT: 29.39 min Scan# 5248
 Delta R.T. 0.01 min
 Lab File: BE089846.D
 Acq: 25 Mar 2015 20:47

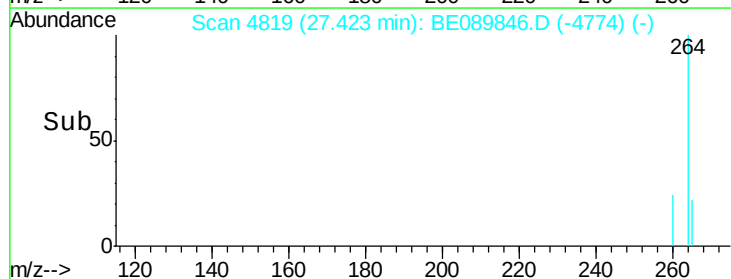
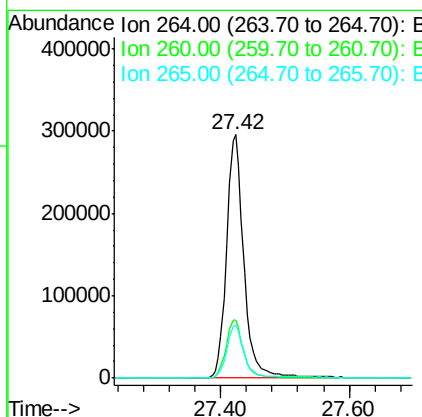
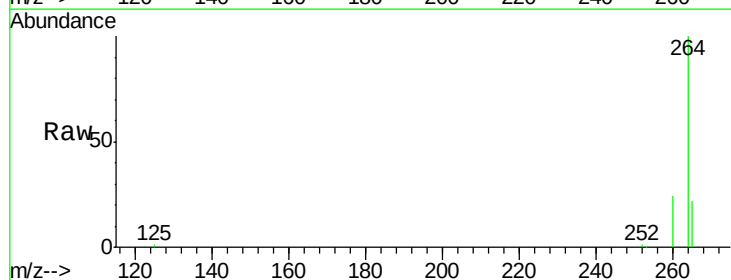
Instrument :
 BNA_E
 ClientSampleId :
 MW-11

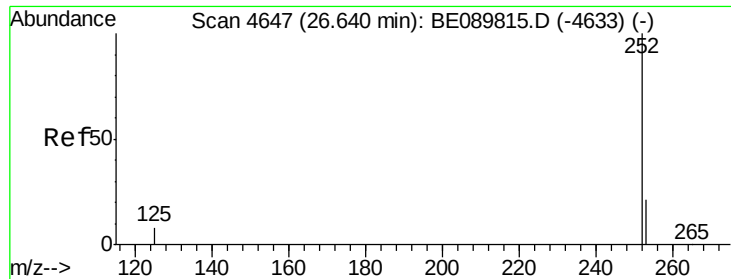
Tgt Ion: 276 Resp: 15021
 Ion Ratio Lower Upper
 276 100
 138 12.7 4.3 6.5#
 277 20.8 9.0 13.4#



#25
 Perylene-d12
 Concen: 5.00 ng
 RT: 27.42 min Scan# 4819
 Delta R.T. 0.01 min
 Lab File: BE089846.D
 Acq: 25 Mar 2015 20:47

Tgt Ion: 264 Resp: 553539
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 22.0 17.3 25.9





#26

Benzo(b)fluoranthene

Concen: 0.56 ng

RT: 26.65 min Scan# 4649

Delta R.T. 0.01 min

Lab File: BE089846.D

Acq: 25 Mar 2015 20:47

Instrument :

BNA_E

ClientSampleId :

MW-11

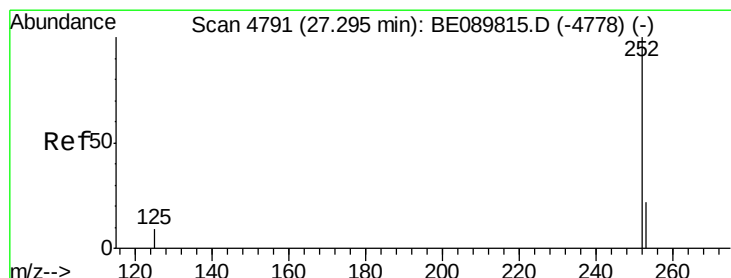
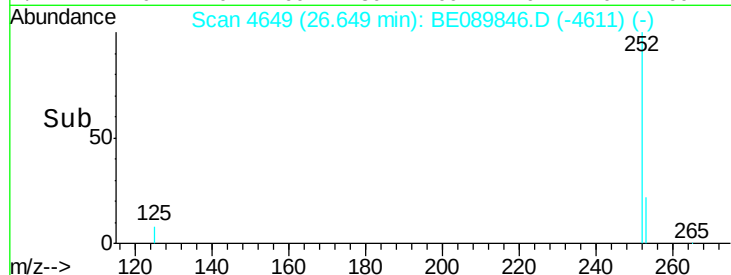
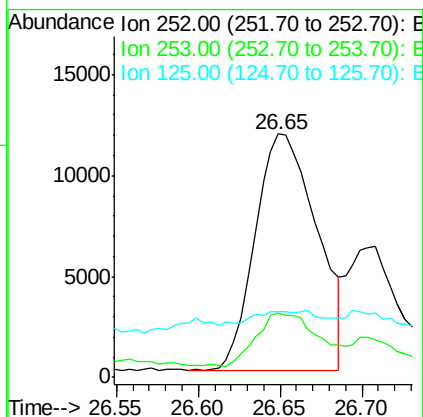
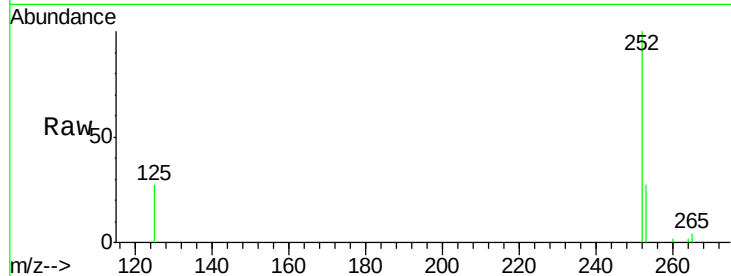
Tgt Ion:252 Resp: 30926

Ion Ratio Lower Upper

252 100

253 26.6 17.8 26.6

125 27.0 8.7 13.1#



#28

Benzo(a)pyrene

Concen: 0.41 ng

RT: 27.30 min Scan# 4793

Delta R.T. 0.00 min

Lab File: BE089846.D

Acq: 25 Mar 2015 20:47

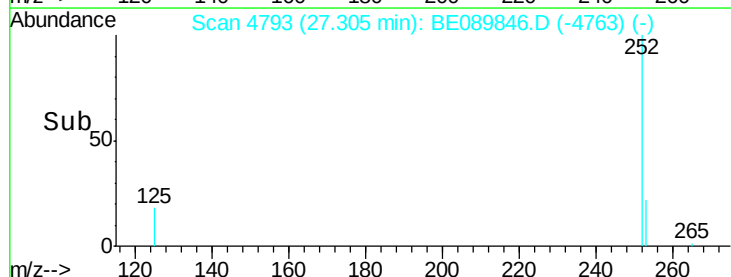
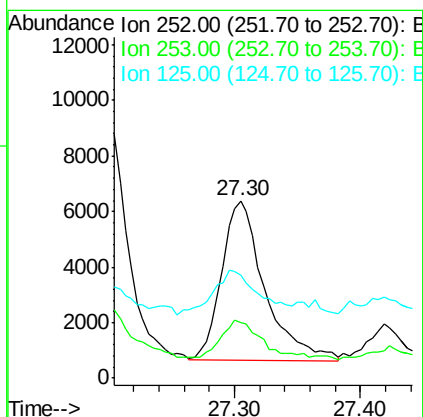
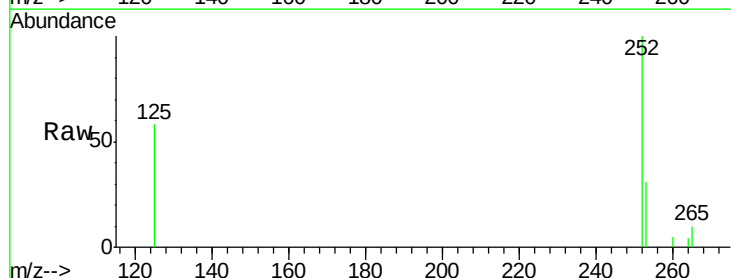
Tgt Ion:252 Resp: 13623

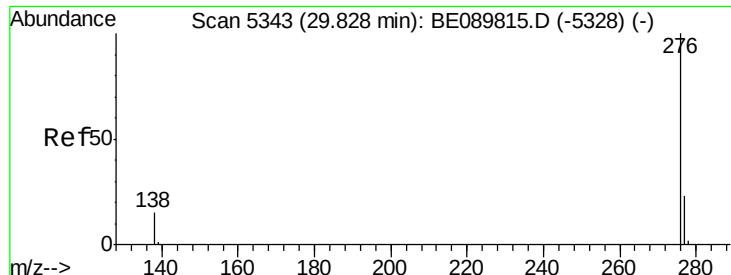
Ion Ratio Lower Upper

252 100

253 31.1 21.0 31.4

125 58.1 13.3 19.9#





#30

Benzo(g,h,i)perylene

Concen: 0.40 ng

RT: 29.84 min Scan# 5345

Delta R.T. 0.02 min

Lab File: BE089846.D

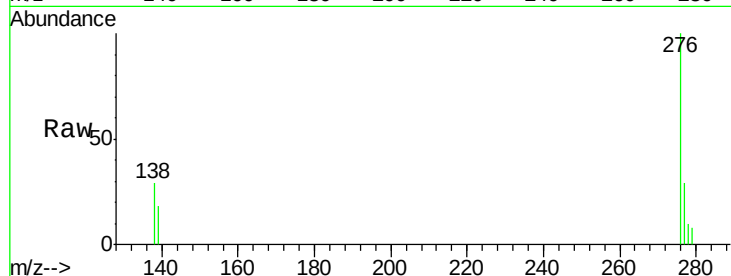
Acq: 25 Mar 2015 20:47

Instrument :

BNA_E

ClientSampleId :

MW-11



Tgt Ion: 276 Resp: 18136

Ion Ratio Lower Upper

276 100

277 29.0 19.2 28.8#

138 29.5 22.9 34.3

