

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102014\
 Data File : BE088138.D
 Acq On : 21 Oct 2014 12:28
 Operator : TP/JJ
 Sample : F4351-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 YS19-SW09-1014

Quant Time: Oct 21 15:13:57 2014
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102014.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 21 02:11:14 2014
 Response via : Initial Calibration

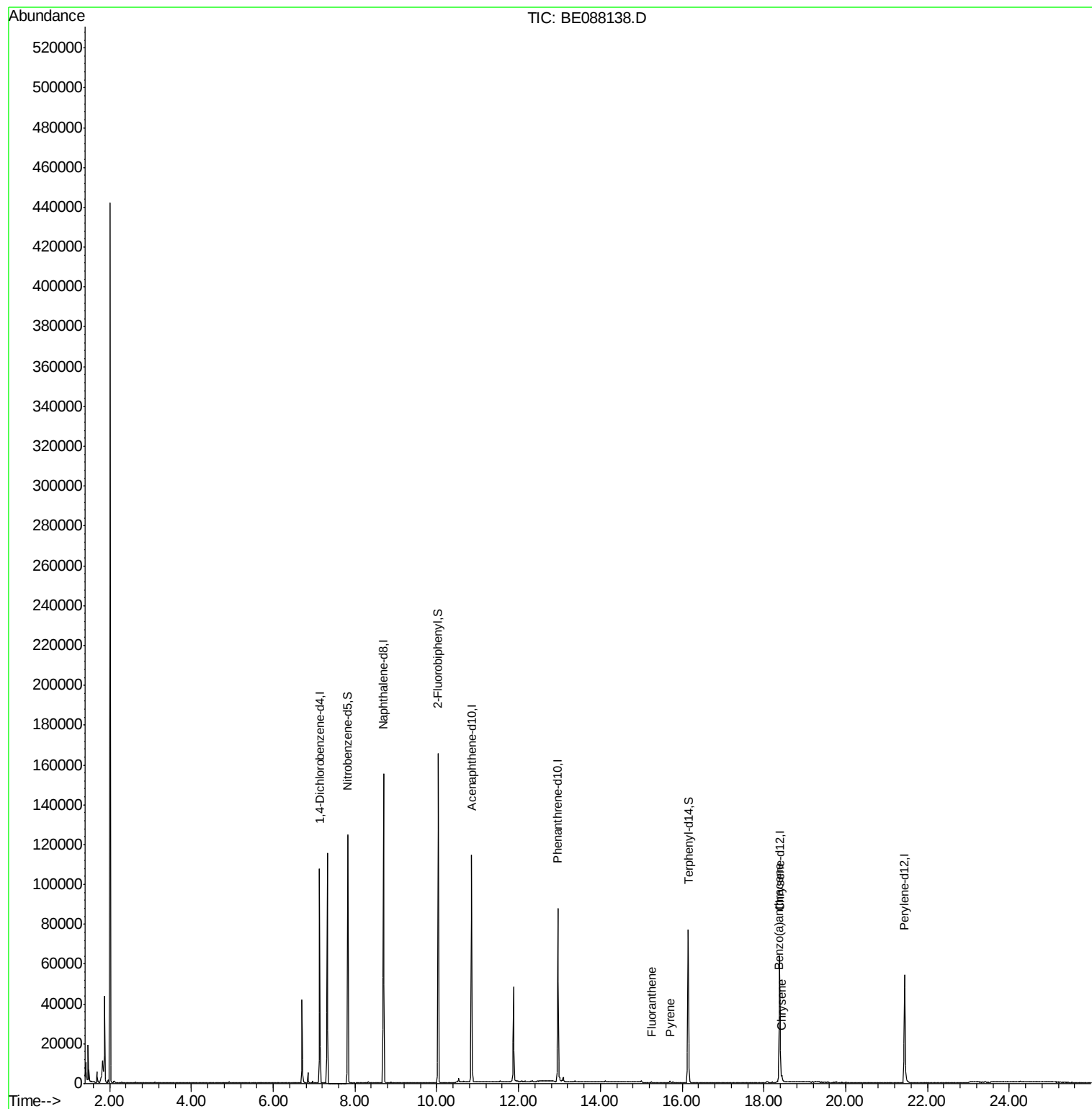
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	36302	5.00	ng	0.00
3) Naphthalene-d8	8.70	136	134734	5.00	ng	0.00
7) Acenaphthene-d10	10.85	164	58412	5.00	ng	0.00
12) Phenanthrene-d10	12.96	188	109005	5.00	ng	0.00
16) Chrysene-d12	18.38	240	75434	5.00	ng	0.00
22) Perylene-d12	21.44	264	71642	5.00	ng	0.00
System Monitoring Compounds						
4) Nitrobenzene-d5	7.83	82	63167	6.50	ng	0.00
8) 2-Fluorobiphenyl	10.04	172	107696	6.67	ng	0.00
18) Terphenyl-d14	16.15	244	99775	8.22	ng	0.00
Target Compounds						Qvalue
15) Fluoranthene	15.25	202	1227	0.06	ng	98
17) Pyrene	15.70	202	1205	0.06	ng	99
19) Benzo(a)anthracene	18.36	228	3781	0.06	ng	# 84
20) Chrysene	18.44	228	4456	0.07	ng	# 88

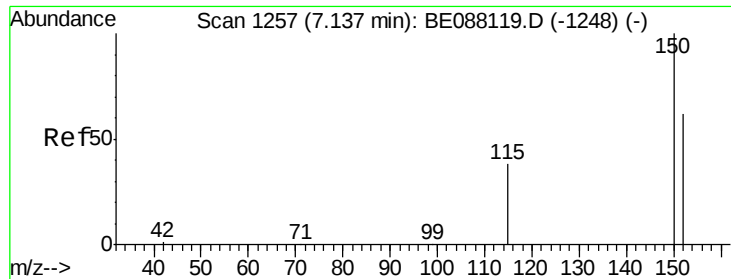
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 21 02:11:14 2014
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.14 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BE088138.D

Acq: 21 Oct 2014 12:28

Instrument :

BNA_E

ClientSampleId :

YS19-SW09-1014

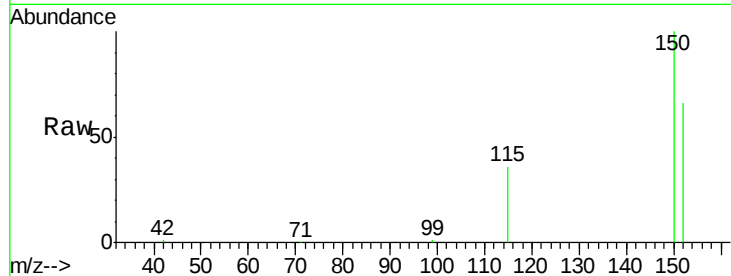
Tgt Ion:152 Resp: 36302

Ion Ratio Lower Upper

152 100

150 151.9 129.2 193.8

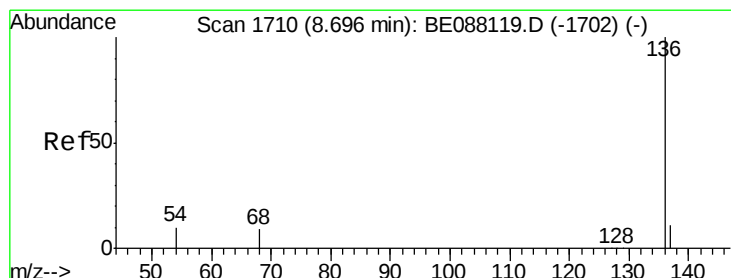
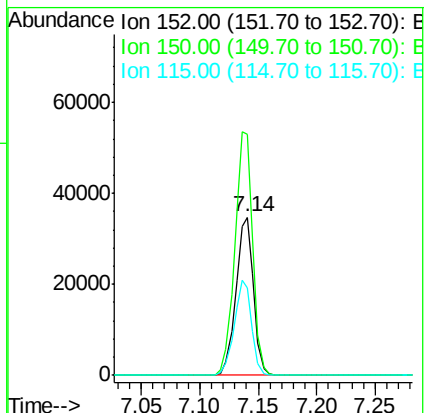
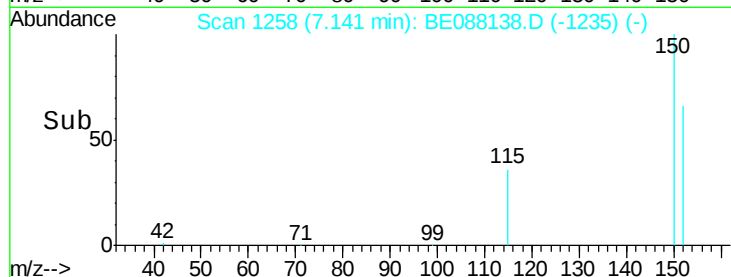
115 55.0 49.3 73.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

Naphthalene-d8

Concen: 5.00 ng

RT: 8.70 min Scan# 1711

Delta R.T. 0.00 min

Lab File: BE088138.D

Acq: 21 Oct 2014 12:28

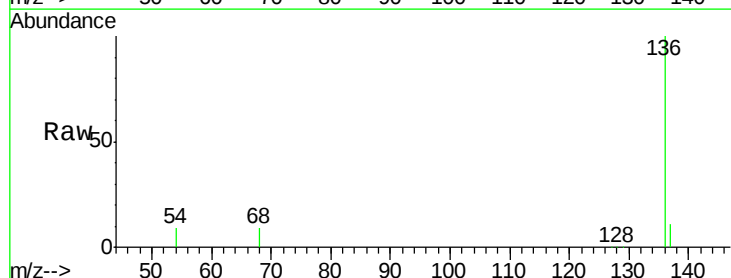
Tgt Ion:136 Resp: 134734

Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

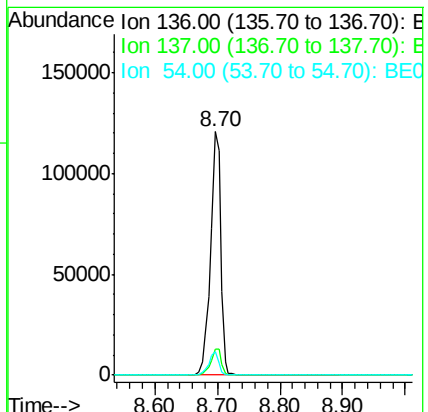
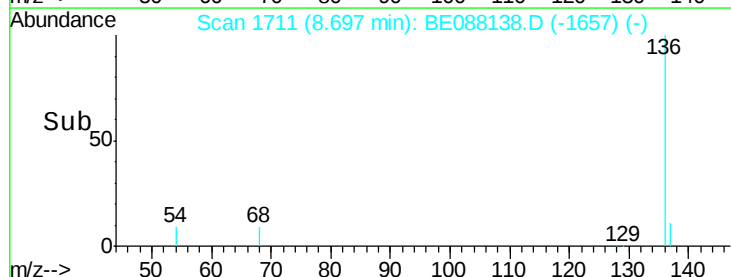
54 9.4 7.7 11.5

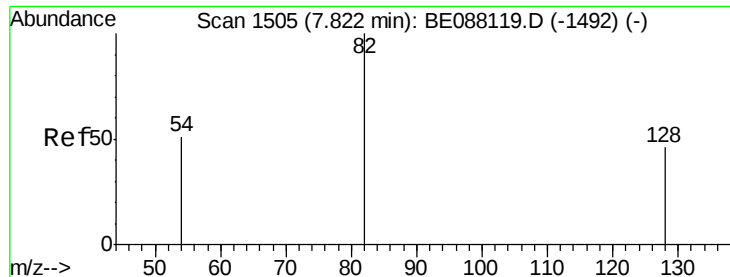


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#4

Nitrobenzene-d5

Concen: 6.50 ng

RT: 7.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE088138.D

Acq: 21 Oct 2014 12:28

Instrument :

BNA_E

ClientSampleId :

YS19-SW09-1014

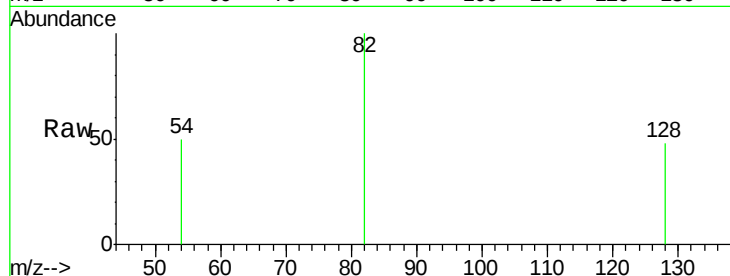
Tgt Ion: 82 Resp: 63167

Ion Ratio Lower Upper

82 100

128 48.4 37.1 55.7

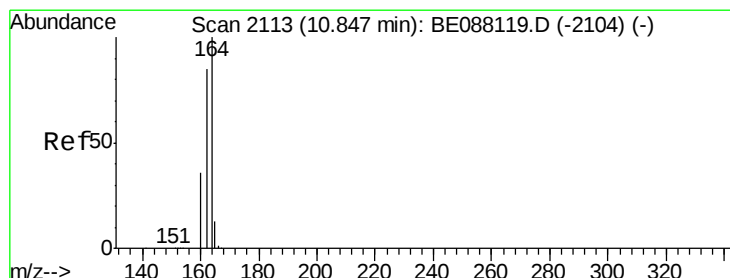
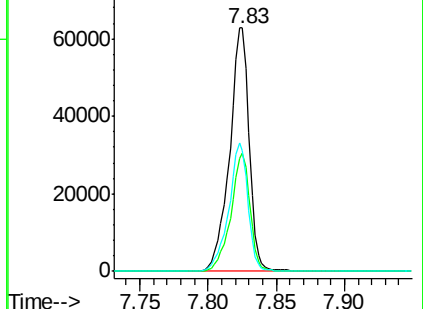
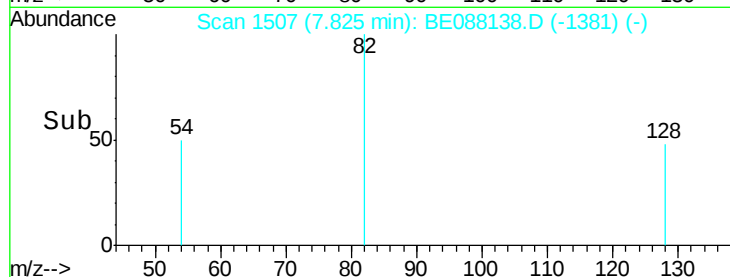
54 49.7 41.1 61.7



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#7

Acenaphthene-d10

Concen: 5.00 ng

RT: 10.85 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE088138.D

Acq: 21 Oct 2014 12:28

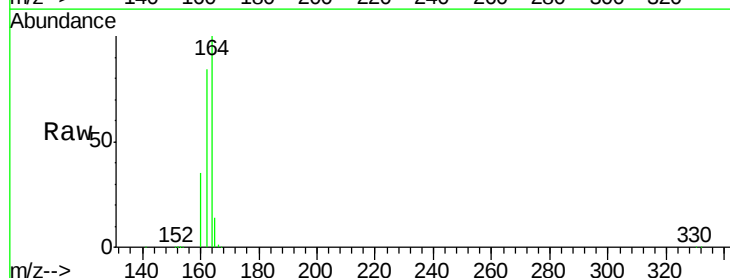
Tgt Ion: 164 Resp: 58412

Ion Ratio Lower Upper

164 100

162 83.8 68.3 102.5

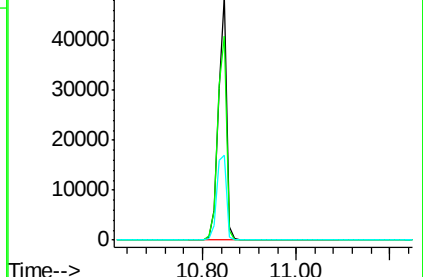
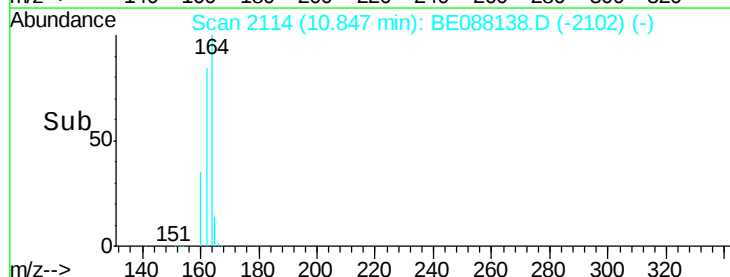
160 34.9 28.7 43.1

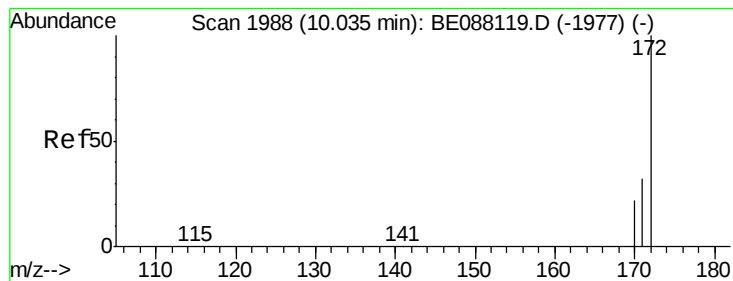


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#8

2-Fluorobiphenyl

Concen: 6.67 ng

RT: 10.04 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BE088138.D

Acq: 21 Oct 2014 12:28

Instrument :

BNA_E

ClientSampleId :

YS19-SW09-1014

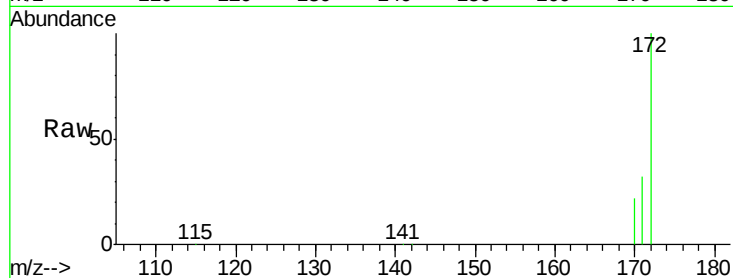
Tgt Ion:172 Resp: 107696

Ion Ratio Lower Upper

172 100

171 32.1 25.4 38.2

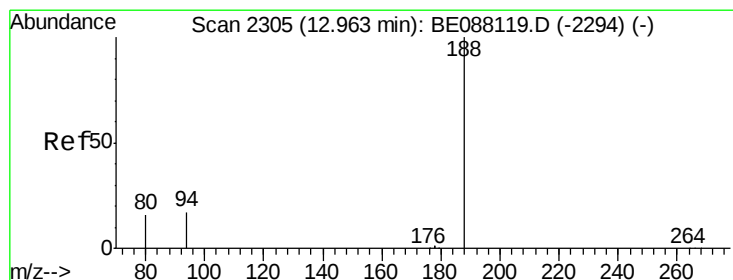
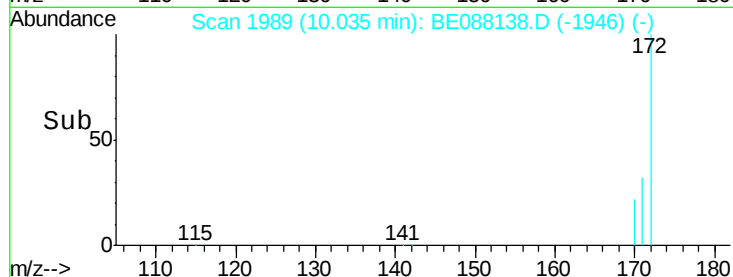
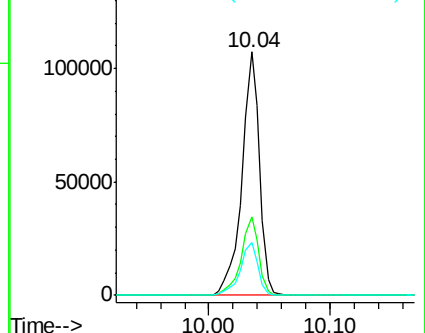
170 21.8 17.4 26.2



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



#12

Phenanthrene-d10

Concen: 5.00 ng

RT: 12.96 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BE088138.D

Acq: 21 Oct 2014 12:28

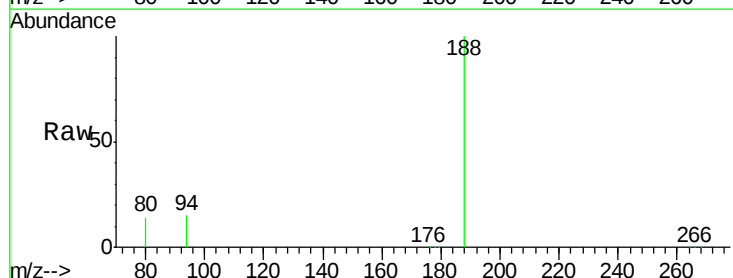
Tgt Ion:188 Resp: 109005

Ion Ratio Lower Upper

188 100

94 14.8 13.9 20.9

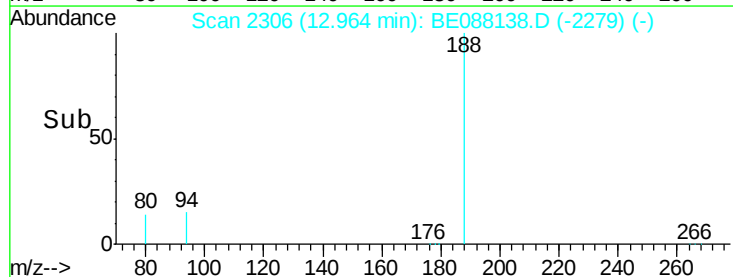
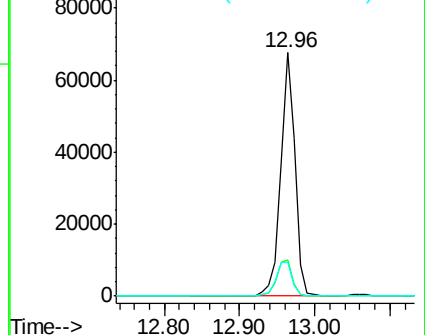
80 13.7 12.9 19.3

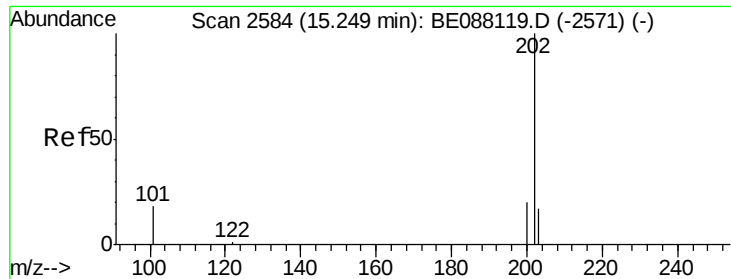


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

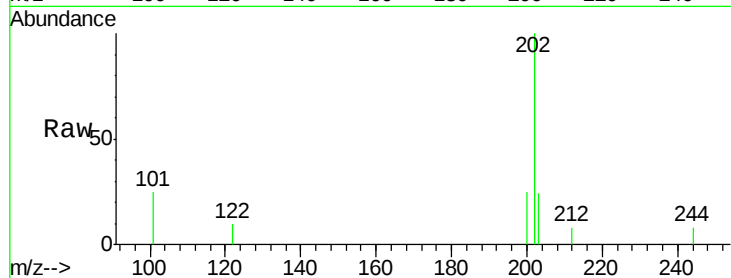




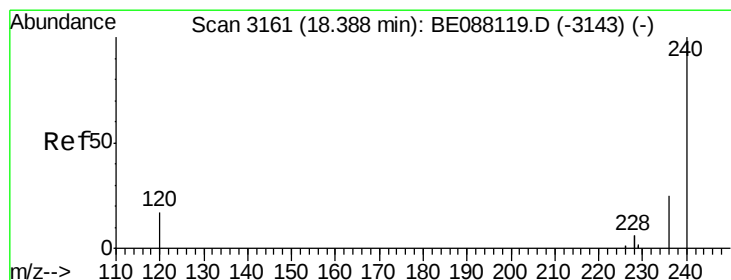
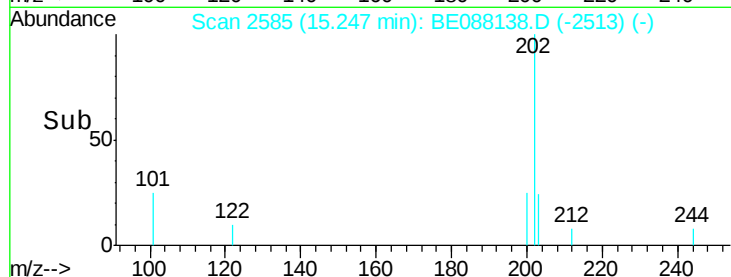
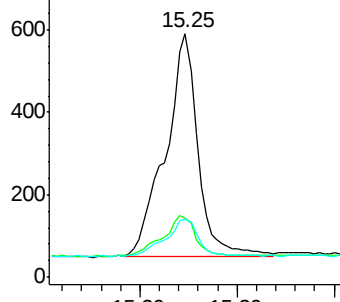
#15
 Fluoranthene
 Concen: 0.06 ng
 RT: 15.25 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: BE088138.D
 Acq: 21 Oct 2014 12:28

Instrument :
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 YS19-SW09-1014

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.8	14.8	22.2
203	16.2	13.5	20.3

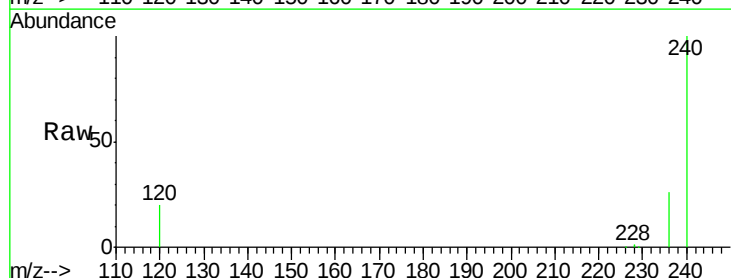


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

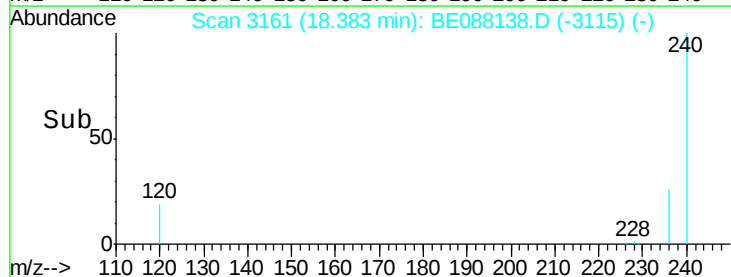
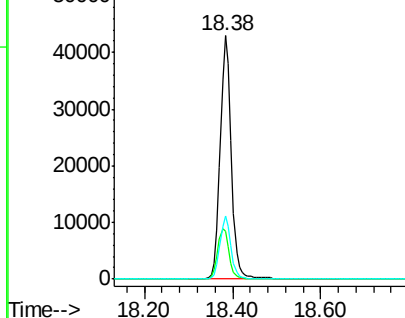


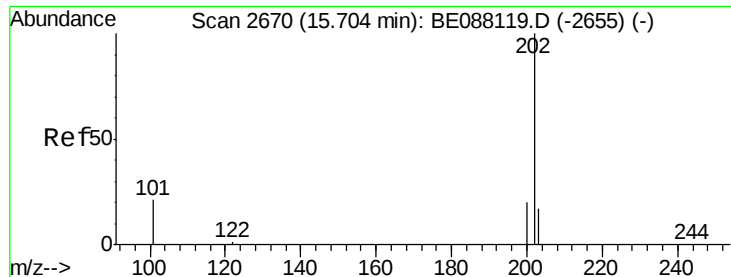
#16
 Chrysene-d12
 Concen: 5.00 ng
 RT: 18.38 min Scan# 3161
 Delta R.T. -0.00 min
 Lab File: BE088138.D
 Acq: 21 Oct 2014 12:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	19.6	13.9	20.9
236	25.7	19.9	29.9



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

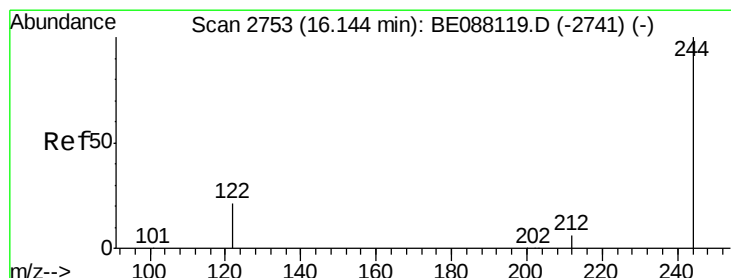
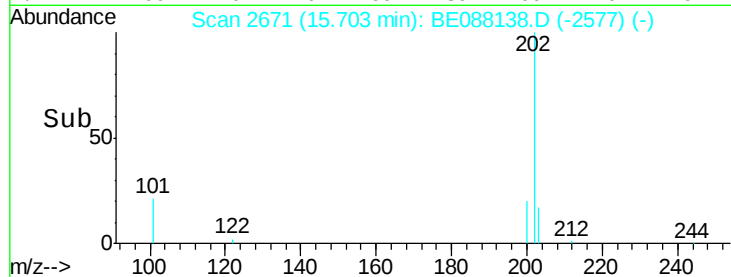
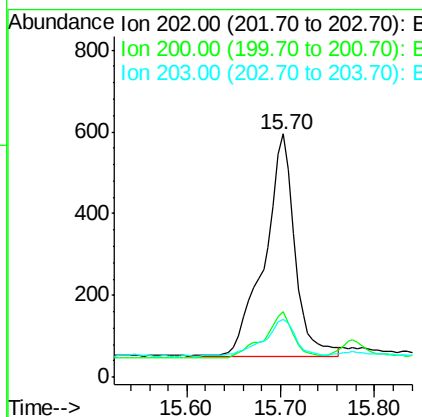
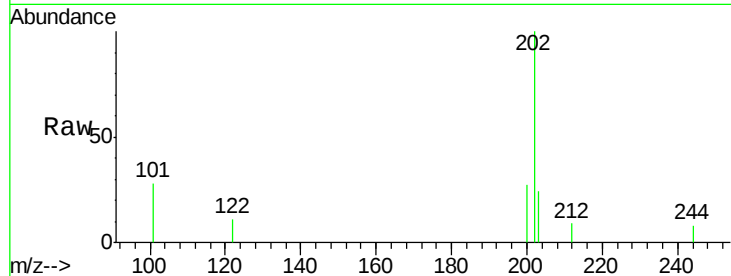




#17
 Pyrene
 Concen: 0.06 ng
 RT: 15.70 min Scan# 2671
 Delta R.T. -0.00 min
 Lab File: BE088138.D
 Acq: 21 Oct 2014 12:28

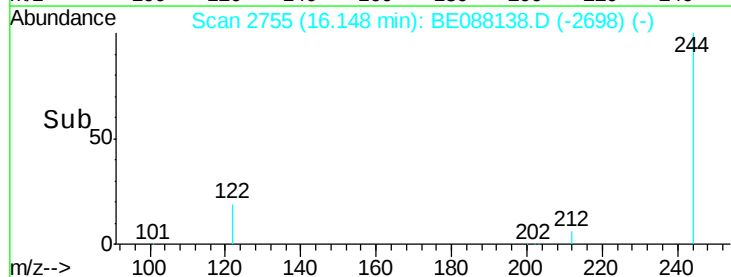
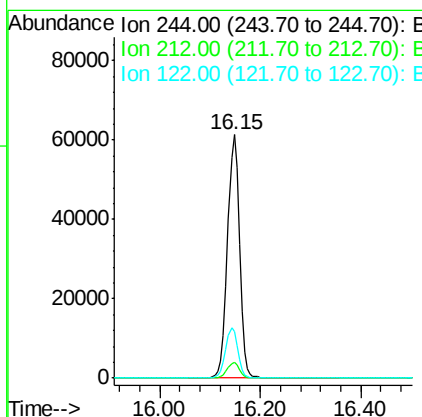
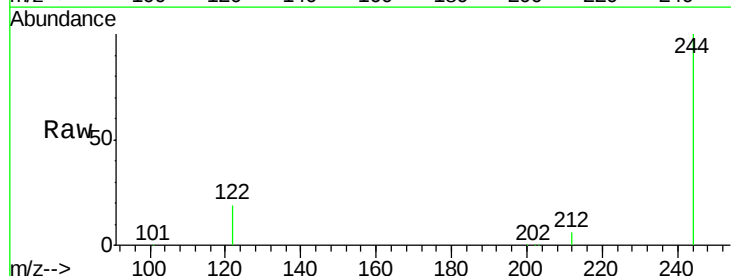
Instrument :
 BNA_E
 ClientSampleId :
 YS19-SW09-1014

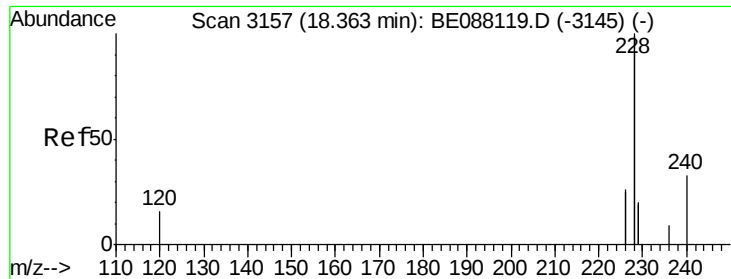
Tgt Ion:	202	Resp:	1205
Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	16.8	13.9	20.9



#18
 Terphenyl-d14
 Concen: 8.22 ng
 RT: 16.15 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BE088138.D
 Acq: 21 Oct 2014 12:28

Tgt Ion:	244	Resp:	99775
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	19.2	17.5	26.3





#19

Benzo(a)anthracene

Concen: 0.06 ng

RT: 18.36 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BE088138.D

Acq: 21 Oct 2014 12:28

Instrument :

BNA_E

ClientSampleId :

YS19-SW09-1014

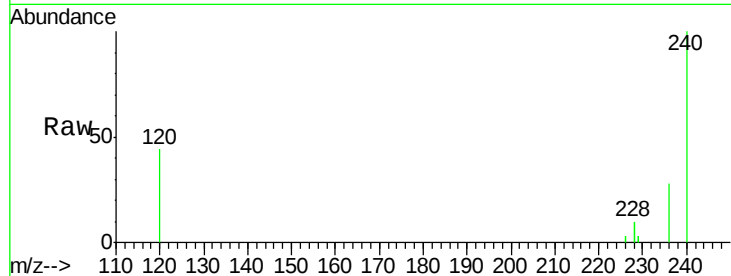
Tgt Ion:228 Resp: 3781

Ion Ratio Lower Upper

228 100

226 32.3 20.8 31.2#

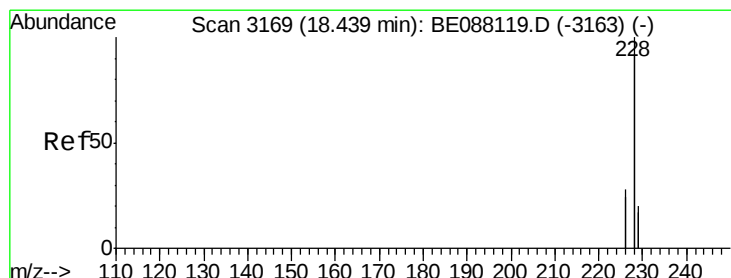
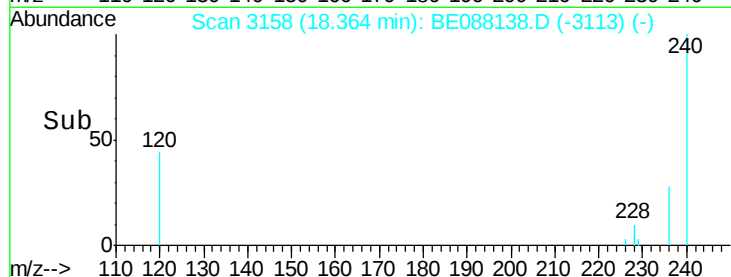
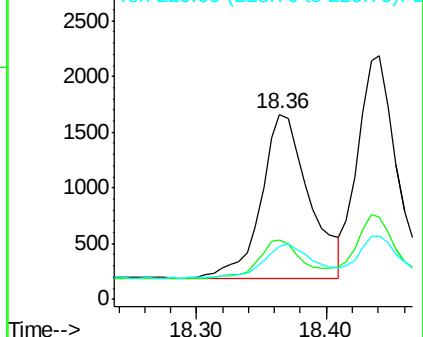
229 28.7 15.6 23.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#20

Chrysene

Concen: 0.07 ng

RT: 18.44 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BE088138.D

Acq: 21 Oct 2014 12:28

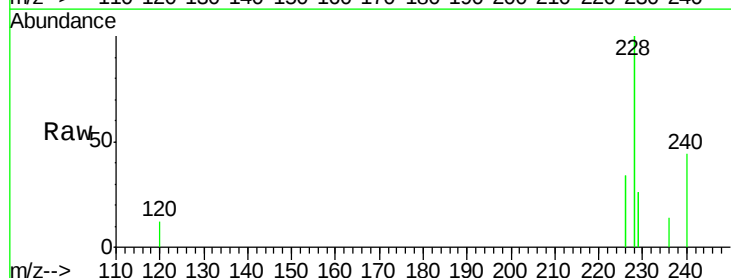
Tgt Ion:228 Resp: 4456

Ion Ratio Lower Upper

228 100

226 33.9 22.7 34.1

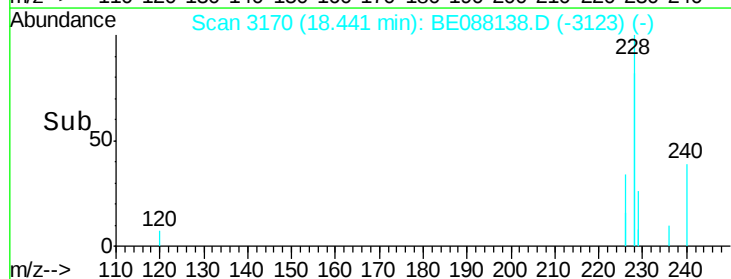
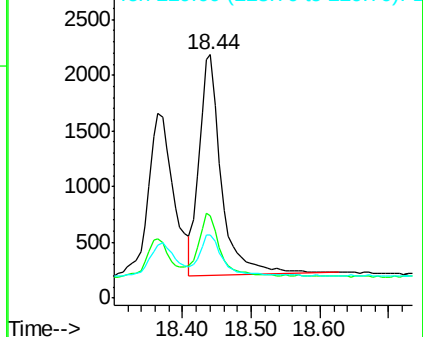
229 26.0 15.8 23.6#

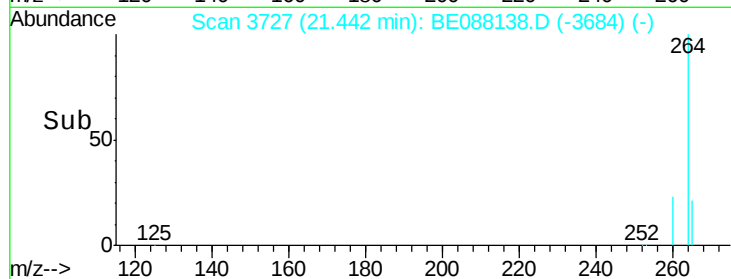
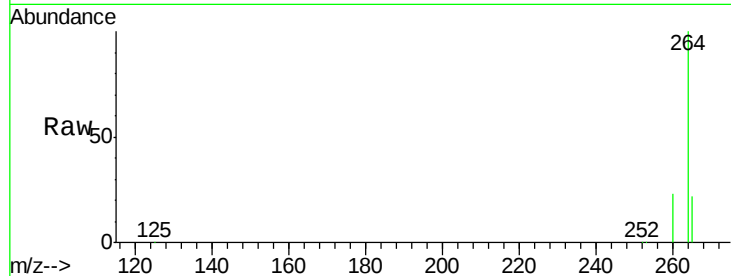
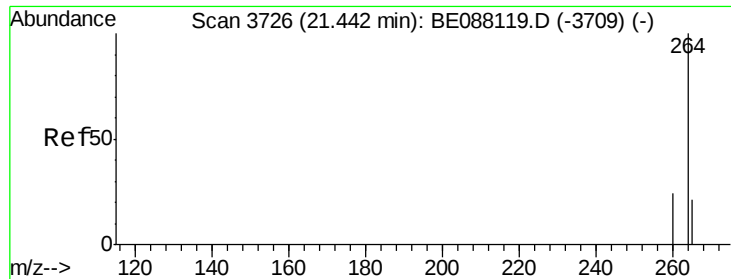


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#22

Perylene-d12

Concen: 5.00 ng

RT: 21.44 min Scan# 3727

Delta R.T. 0.00 min

Lab File: BE088138.D

Acq: 21 Oct 2014 12:28

Instrument :

BNA_E

ClientSampleId :

YS19-SW09-1014

Tgt Ion:264 Resp: 71642

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.6 17.2 25.8

