

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102114\
 Data File : BE088147.D
 Acq On : 21 Oct 2014 17:59
 Operator : TP/JJ
 Sample : F4351-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 YS19-SW03-1014

Quant Time: Oct 22 04:52:56 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

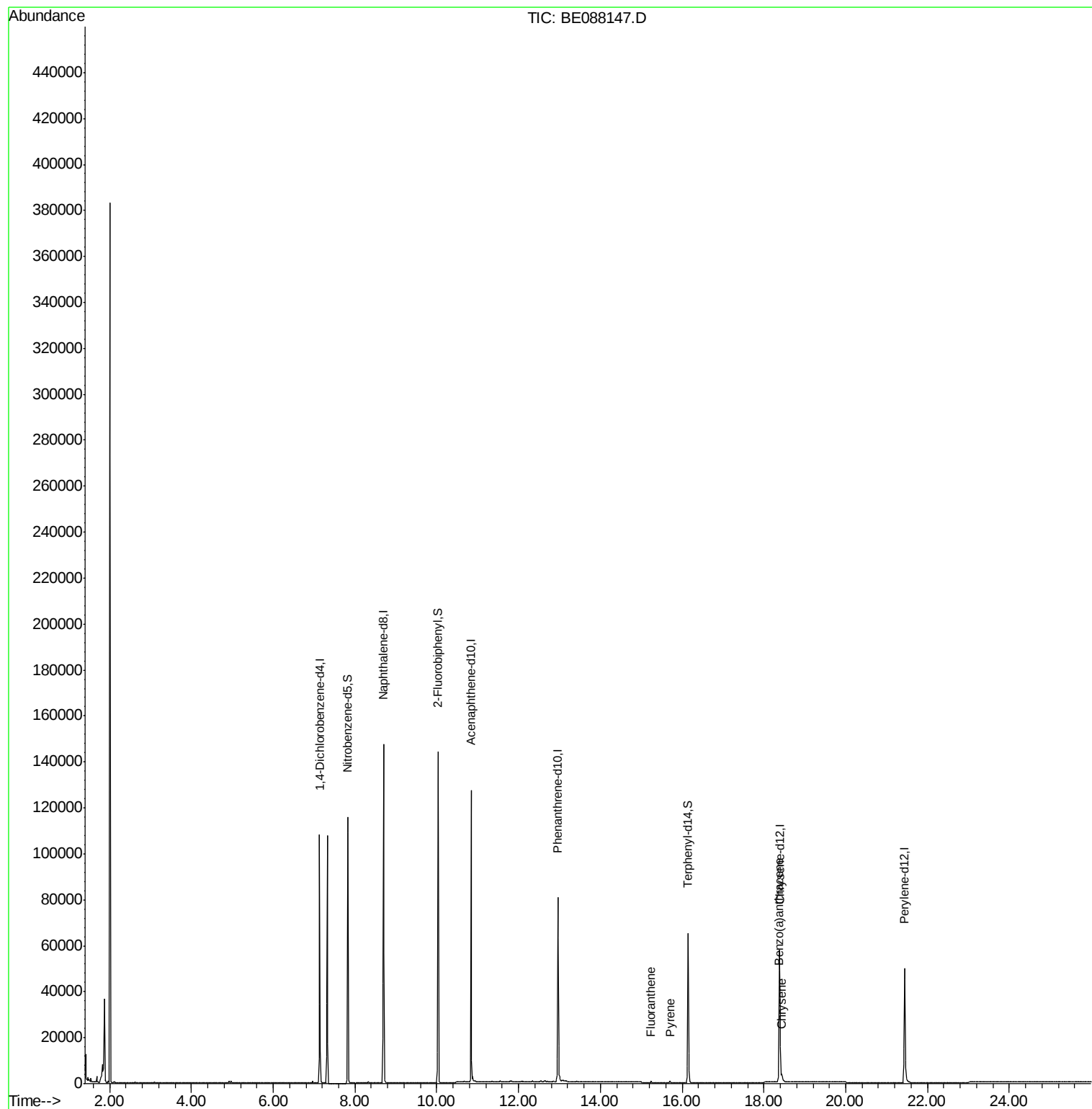
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	34238	5.00	ng	0.00
3) Naphthalene-d8	8.70	136	127778	5.00	ng	0.00
7) Acenaphthene-d10	10.85	164	56961	5.00	ng	0.00
12) Phenanthrene-d10	12.96	188	103193	5.00	ng	0.00
16) Chrysene-d12	18.38	240	70387	5.00	ng	0.00
22) Perylene-d12	21.44	264	66049	5.00	ng	0.00
System Monitoring Compounds						
4) Nitrobenzene-d5	7.82	82	57032	6.19	ng	0.00
8) 2-Fluorobiphenyl	10.03	172	95781	6.09	ng	0.00
18) Terphenyl-d14	16.15	244	86906	7.67	ng	0.00
Target Compounds						Qvalue
15) Fluoranthene	15.24	202	1017	0.05	ng	99
17) Pyrene	15.70	202	1022	0.05	ng	98
19) Benzo(a)anthracene	18.36	228	3427	0.05	ng	# 82
20) Chrysene	18.44	228	4533	0.07	ng	# 87

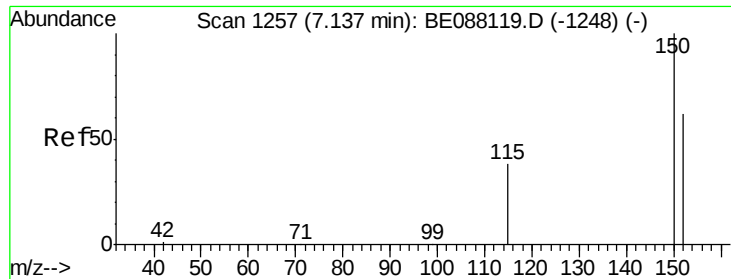
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1257

Delta R.T. -0.00 min

Lab File: BE088147.D

Acq: 21 Oct 2014 17:59

Instrument :

BNA_E

ClientSampleId :

YS19-SW03-1014

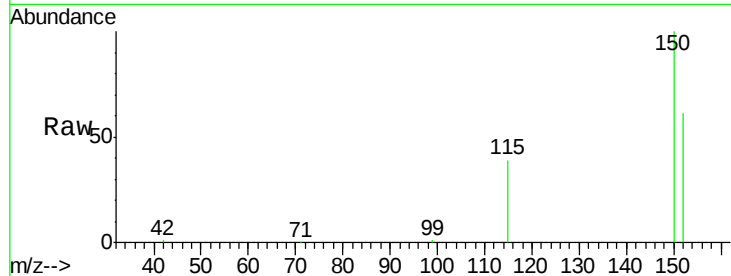
Tgt Ion:152 Resp: 34238

Ion Ratio Lower Upper

152 100

150 162.8 129.2 193.8

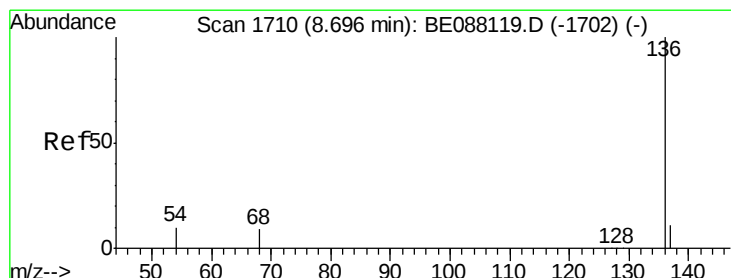
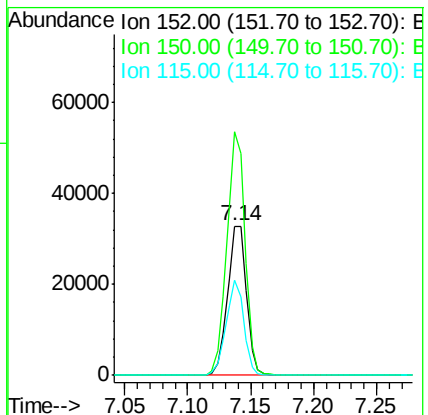
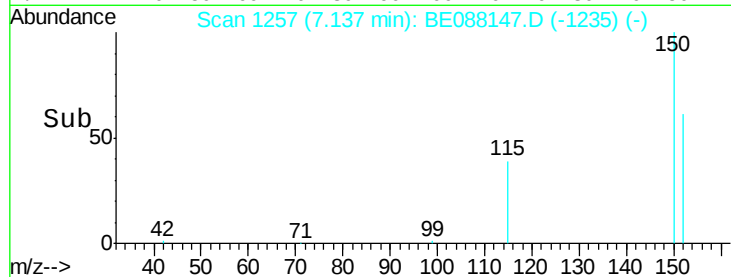
115 63.5 49.3 73.9



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# 1710

Delta R.T. -0.00 min

Lab File: BE088147.D

Acq: 21 Oct 2014 17:59

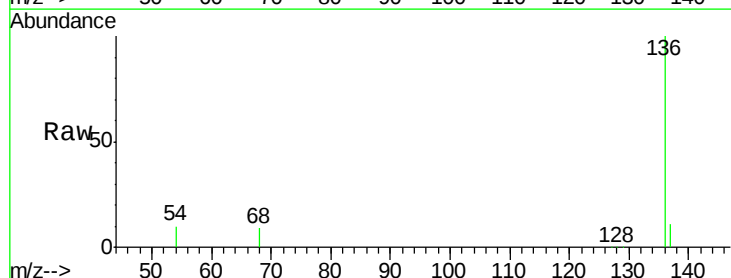
Tgt Ion:136 Resp: 127778

Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

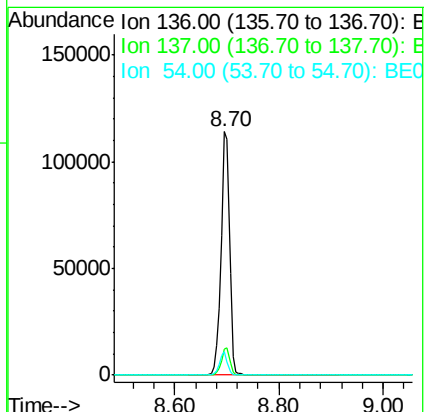
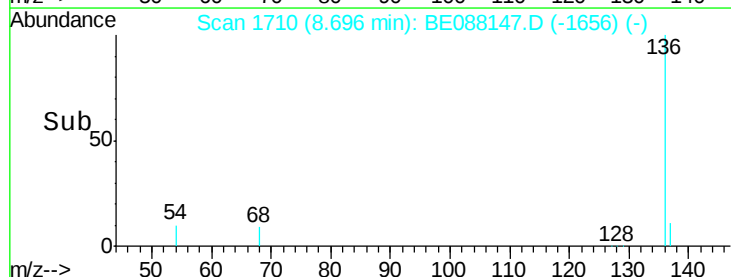
54 9.8 7.7 11.5

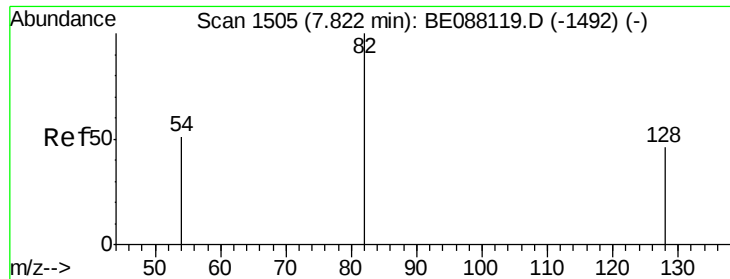


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#4

Nitrobenzene-d5

Concen: 6.19 ng

RT: 7.82 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BE088147.D

Acq: 21 Oct 2014 17:59

Instrument :

BNA_E

ClientSampleId :

YS19-SW03-1014

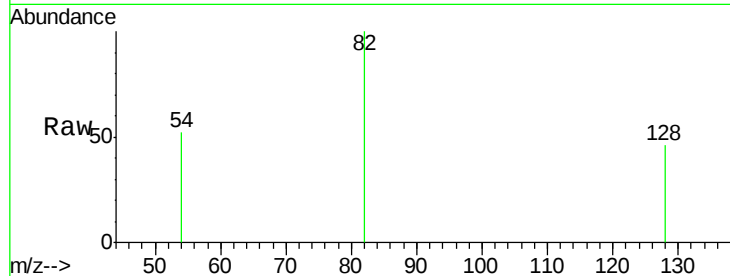
Tgt Ion: 82 Resp: 57032

Ion Ratio Lower Upper

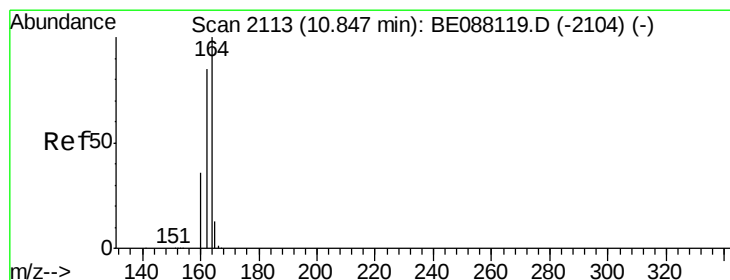
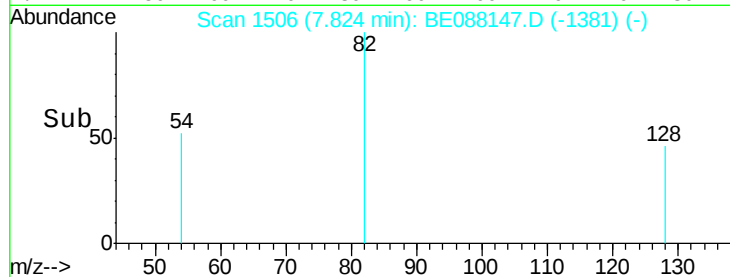
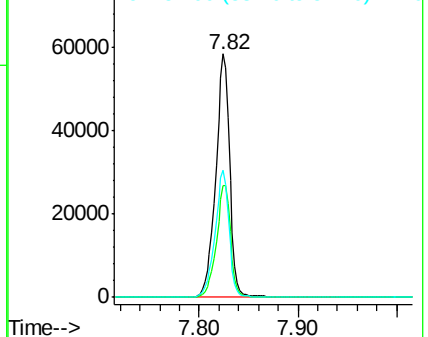
82 100

128 46.1 37.1 55.7

54 52.1 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# 2113

Delta R.T. -0.00 min

Lab File: BE088147.D

Acq: 21 Oct 2014 17:59

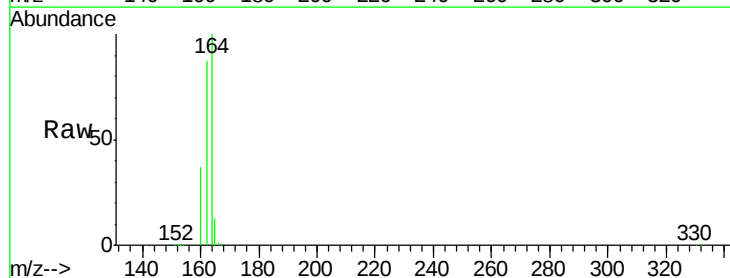
Tgt Ion: 164 Resp: 56961

Ion Ratio Lower Upper

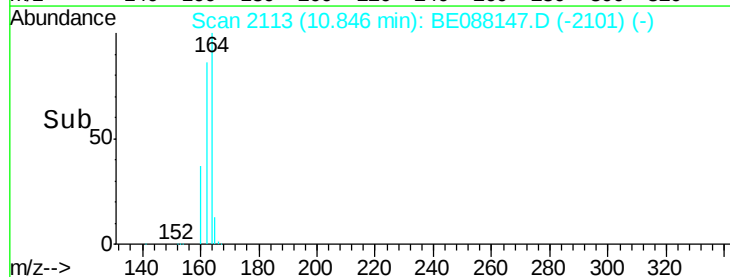
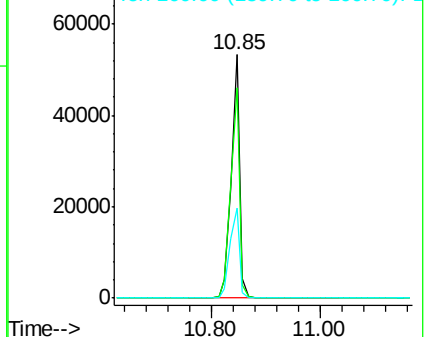
164 100

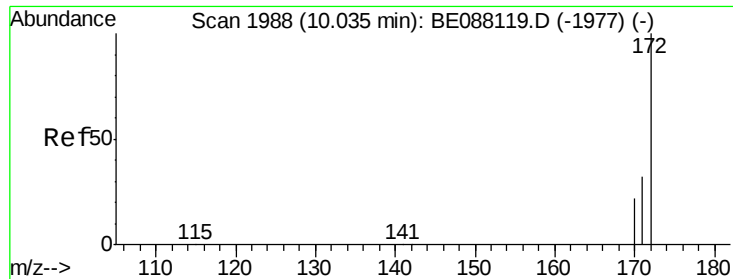
162 86.5 68.3 102.5

160 37.1 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: 6.09 ng

RT: 10.03 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BE088147.D

Acq: 21 Oct 2014 17:59

Instrument :

BNA_E

ClientSampleId :

YS19-SW03-1014

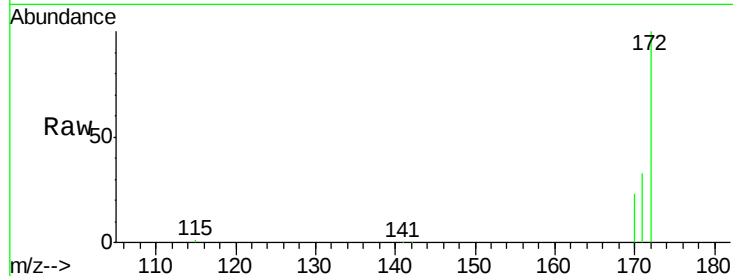
Tgt Ion:172 Resp: 95781

Ion Ratio Lower Upper

172 100

171 33.1 25.4 38.2

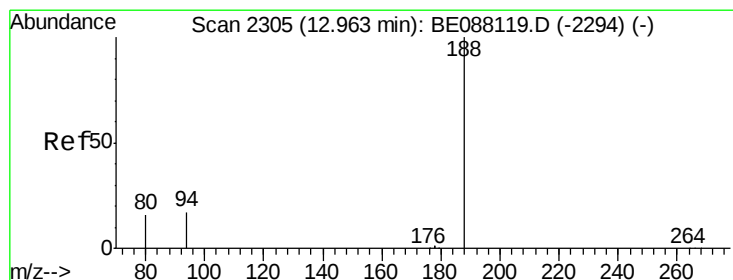
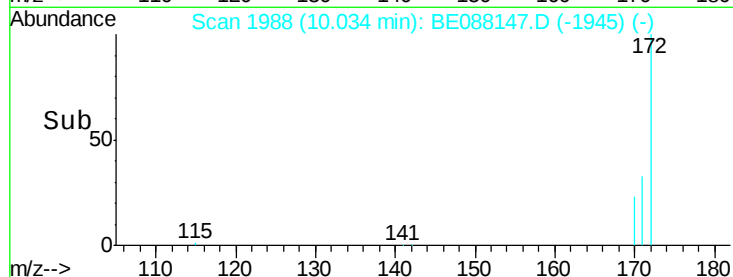
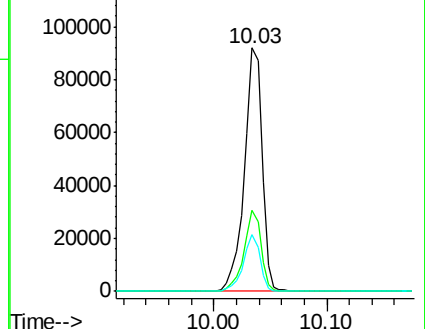
170 23.2 17.4 26.2



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# 2305

Delta R.T. -0.00 min

Lab File: BE088147.D

Acq: 21 Oct 2014 17:59

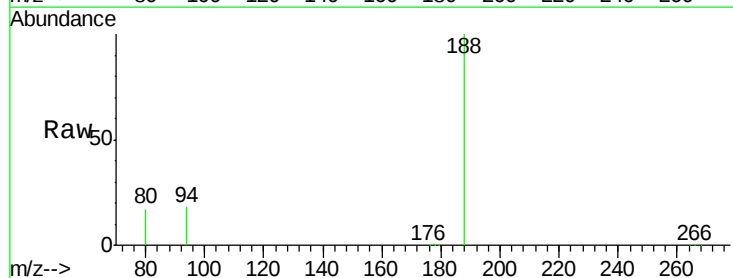
Tgt Ion:188 Resp: 103193

Ion Ratio Lower Upper

188 100

94 17.8 13.9 20.9

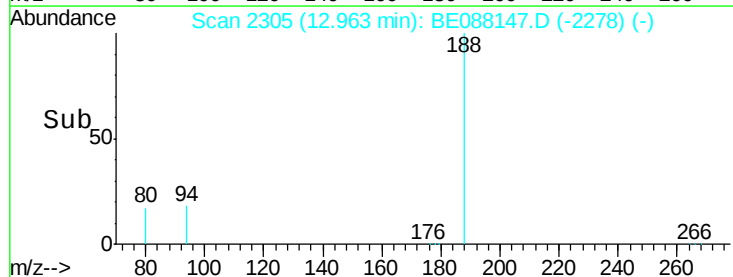
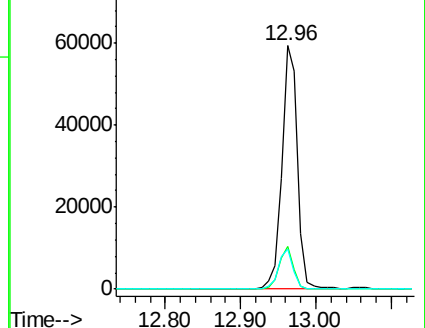
80 16.7 12.9 19.3

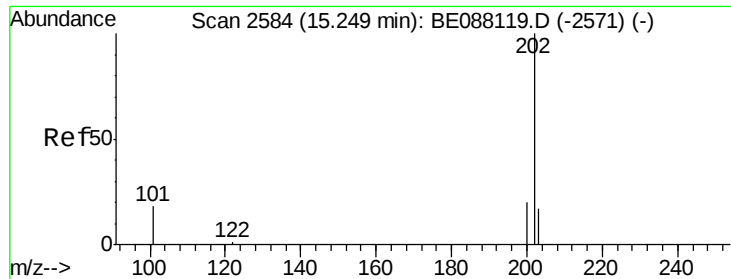


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#15

Fluoranthene

Concen: 0.05 ng

RT: 15.24 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BE088147.D

Acq: 21 Oct 2014 17:59

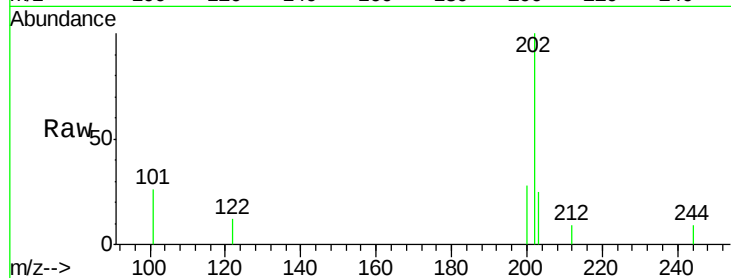
Instrument :

BNA_E

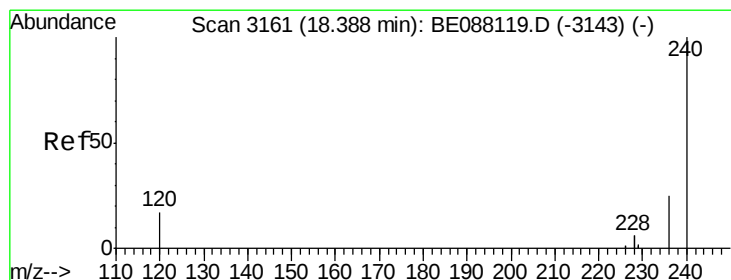
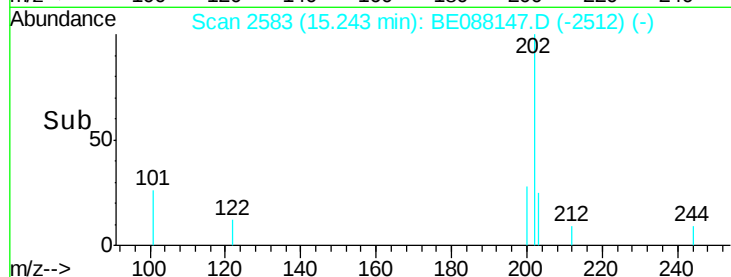
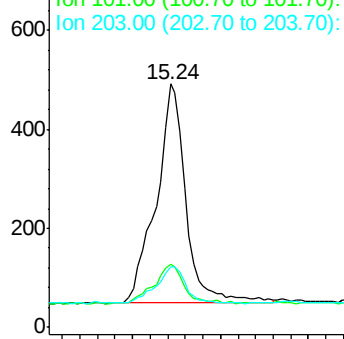
ClientSampleId :

YS19-SW03-1014

Tgt Ion:	202	Resp:	1017
Ion	Ratio	Lower	Upper
202	100		
101	18.3	14.8	22.2
203	16.2	13.5	20.3



Abundance Ion 202.00 (201.70 to 202.70): E



#16

Chrysene-d12

Concen: 5.00 ng

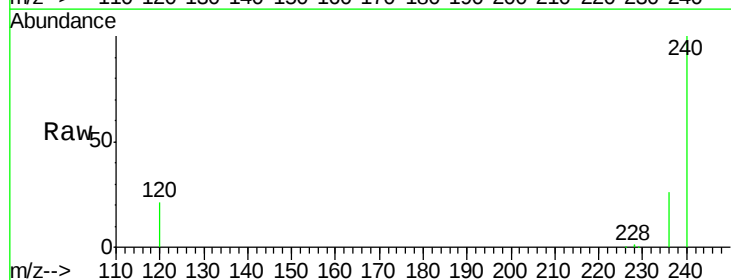
RT: 18.38 min Scan# 3160

Delta R.T. -0.01 min

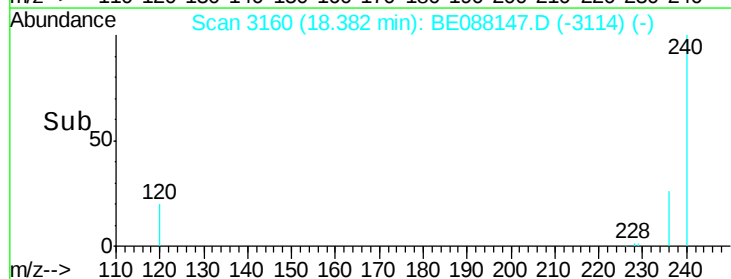
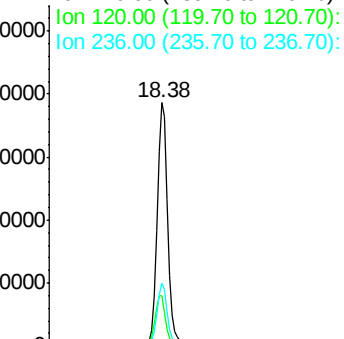
Lab File: BE088147.D

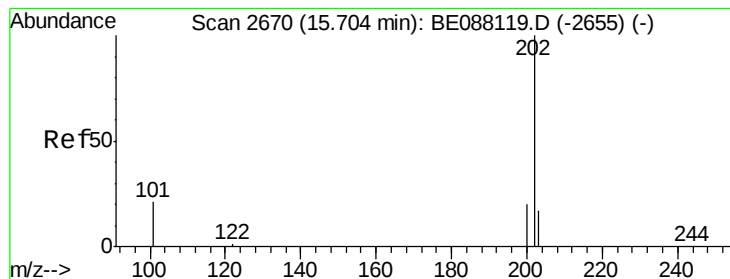
Acq: 21 Oct 2014 17:59

Tgt Ion:	240	Resp:	70387
Ion	Ratio	Lower	Upper
240	100		
120	20.6	13.9	20.9
236	26.0	19.9	29.9



Abundance Ion 240.00 (239.70 to 240.70): E





#17

Pyrene

Concen: 0.05 ng

RT: 15.70 min Scan# 2670

Delta R.T. -0.00 min

Lab File: BE088147.D

Acq: 21 Oct 2014 17:59

Instrument :

BNA_E

ClientSampleId :

YS19-SW03-1014

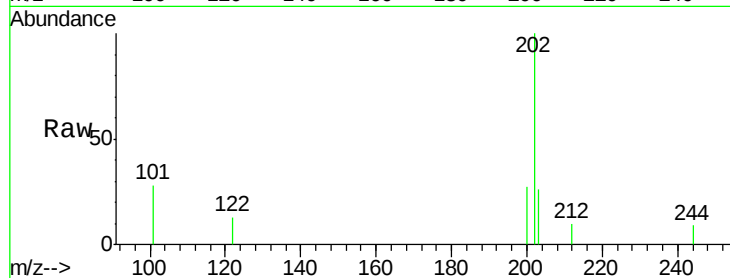
Tgt Ion:202 Resp: 1022

Ion Ratio Lower Upper

202 100

200 18.7 16.1 24.1

203 16.8 13.9 20.9

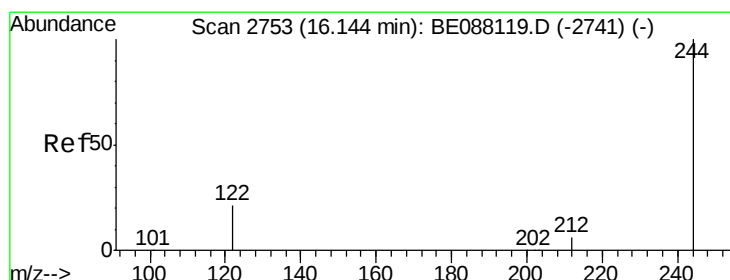
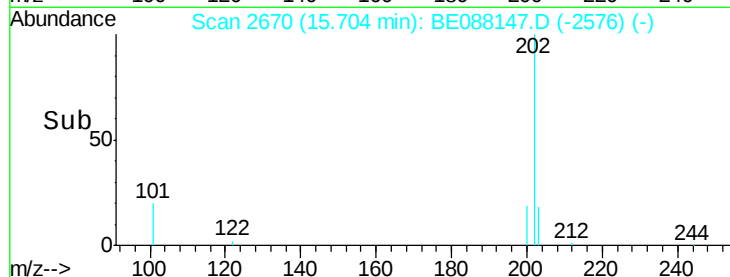
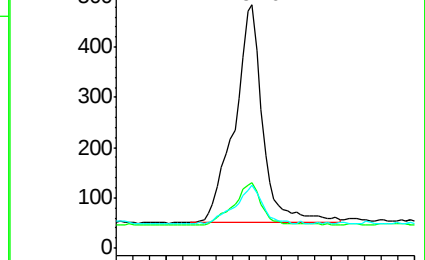


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

15.70



#18

Terphenyl-d14

Concen: 7.67 ng

RT: 16.15 min Scan# 2754

Delta R.T. 0.01 min

Lab File: BE088147.D

Acq: 21 Oct 2014 17:59

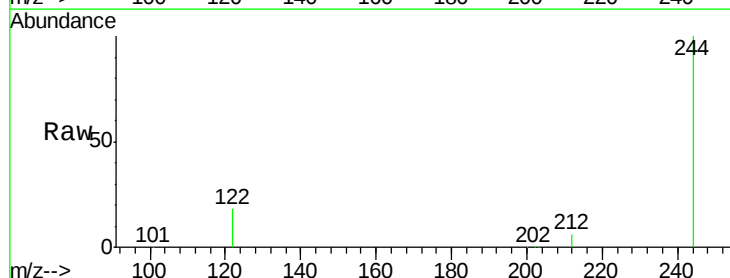
Tgt Ion:244 Resp: 86906

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 18.4 17.5 26.3

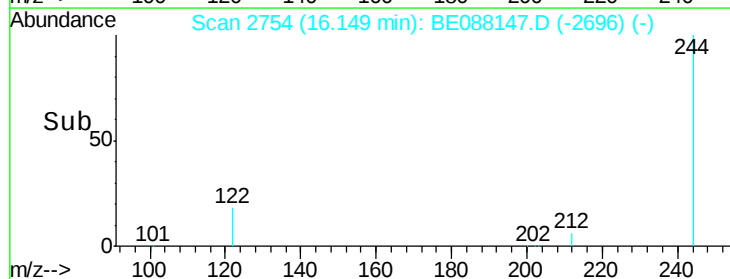
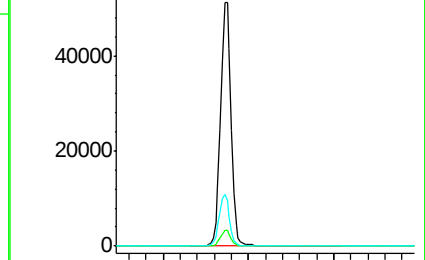


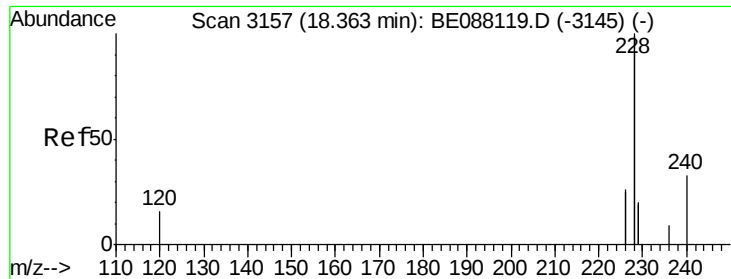
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

16.15





#19

Benzo(a)anthracene

Concen: 0.05 ng

RT: 18.36 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BE088147.D

Acq: 21 Oct 2014 17:59

Instrument :

BNA_E

ClientSampleId :

YS19-SW03-1014

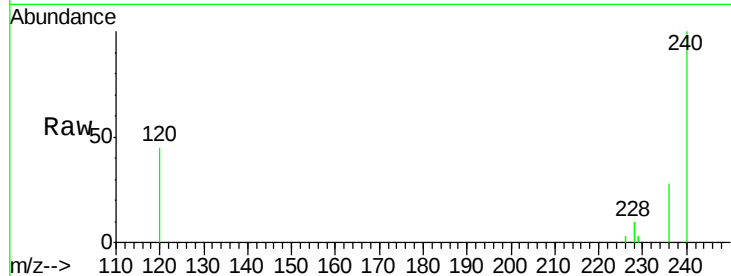
Tgt Ion:228 Resp: 3427

Ion Ratio Lower Upper

228 100

226 33.9 20.8 31.2#

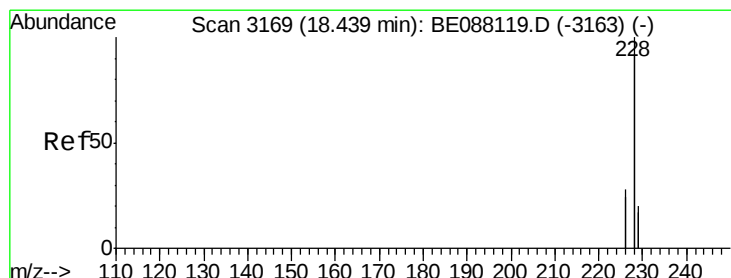
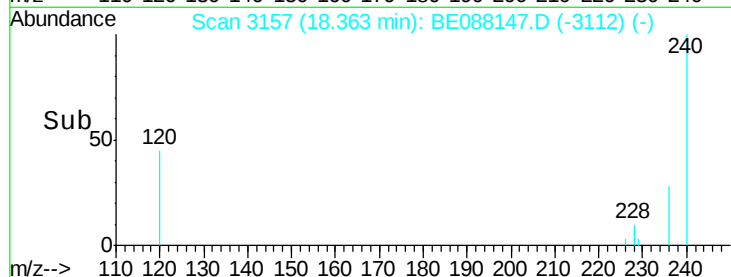
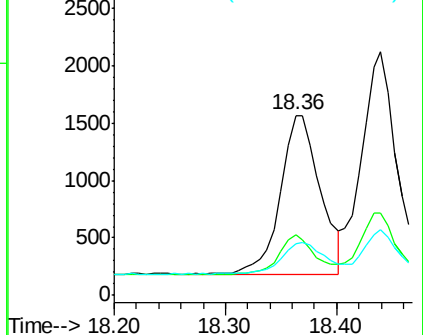
229 28.8 15.6 23.4#



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# 3169

Delta R.T. 0.00 min

Lab File: BE088147.D

Acq: 21 Oct 2014 17:59

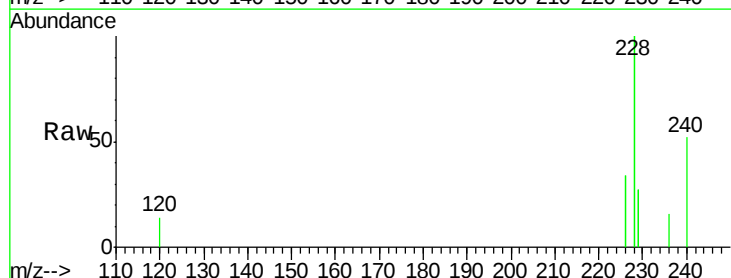
Tgt Ion:228 Resp: 4533

Ion Ratio Lower Upper

228 100

226 33.9 22.7 34.1

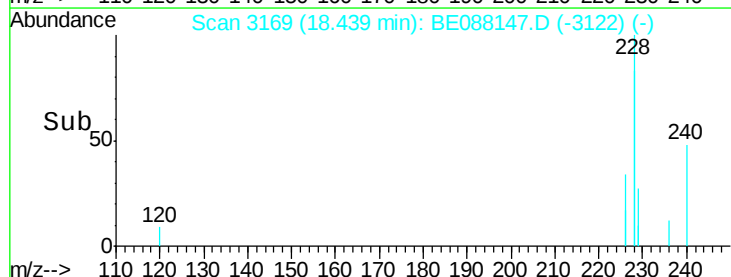
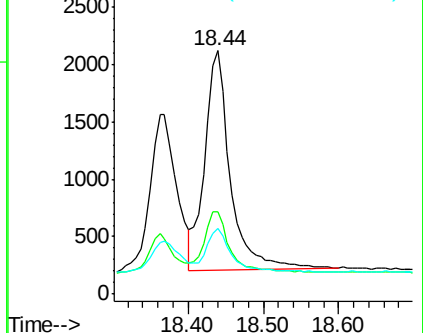
229 27.0 15.8 23.6#

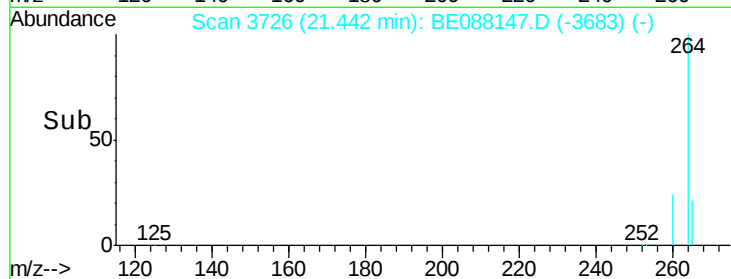
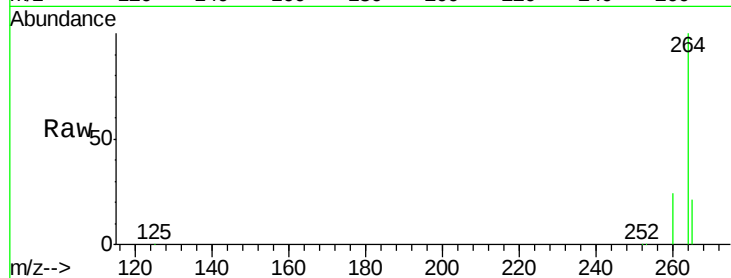
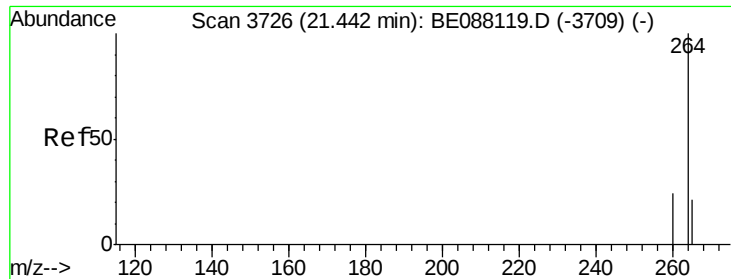


Abundance Ion 228.00 (227.70 to 228.70): E

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# 3726

Delta R.T. -0.00 min

Lab File: BE088147.D

Acq: 21 Oct 2014 17:59

Instrument :

BNA_E

ClientSampleId :

YS19-SW03-1014

Tgt Ion: 264 Resp: 66049

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 21.4 17.2 25.8

