

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120814\
 Data File : BE089174.D
 Acq On : 8 Dec 2014 14:37
 Operator : TP/JJ
 Sample : PB80725BL
 Misc : SBLK64
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SBLK64

Quant Time: Dec 09 00:42:17 2014
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE120514.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 09 00:37:23 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	2190	0.40	ng/ul	0.00
2) Naphthalene-d8	8.51	136	8699	0.40	ng/ul	0.00
6) Acenaphthene-d10	10.67	164	4535	0.40	ng/ul	0.00
10) Phenanthrene-d10	12.82	188	388304	0.40	ng/ul	0.10
16) Chrysene-d12	18.09	240	4562	0.40	ng/ul	0.00
20) Perylene-d12	21.00	264	269086	0.40	ng/ul	-0.13

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	9.36	152	4681	0.46	ng/ul	0.00
14) Fluoranthene-d10	14.93	212	5300	0.01	ng/ul	0.00

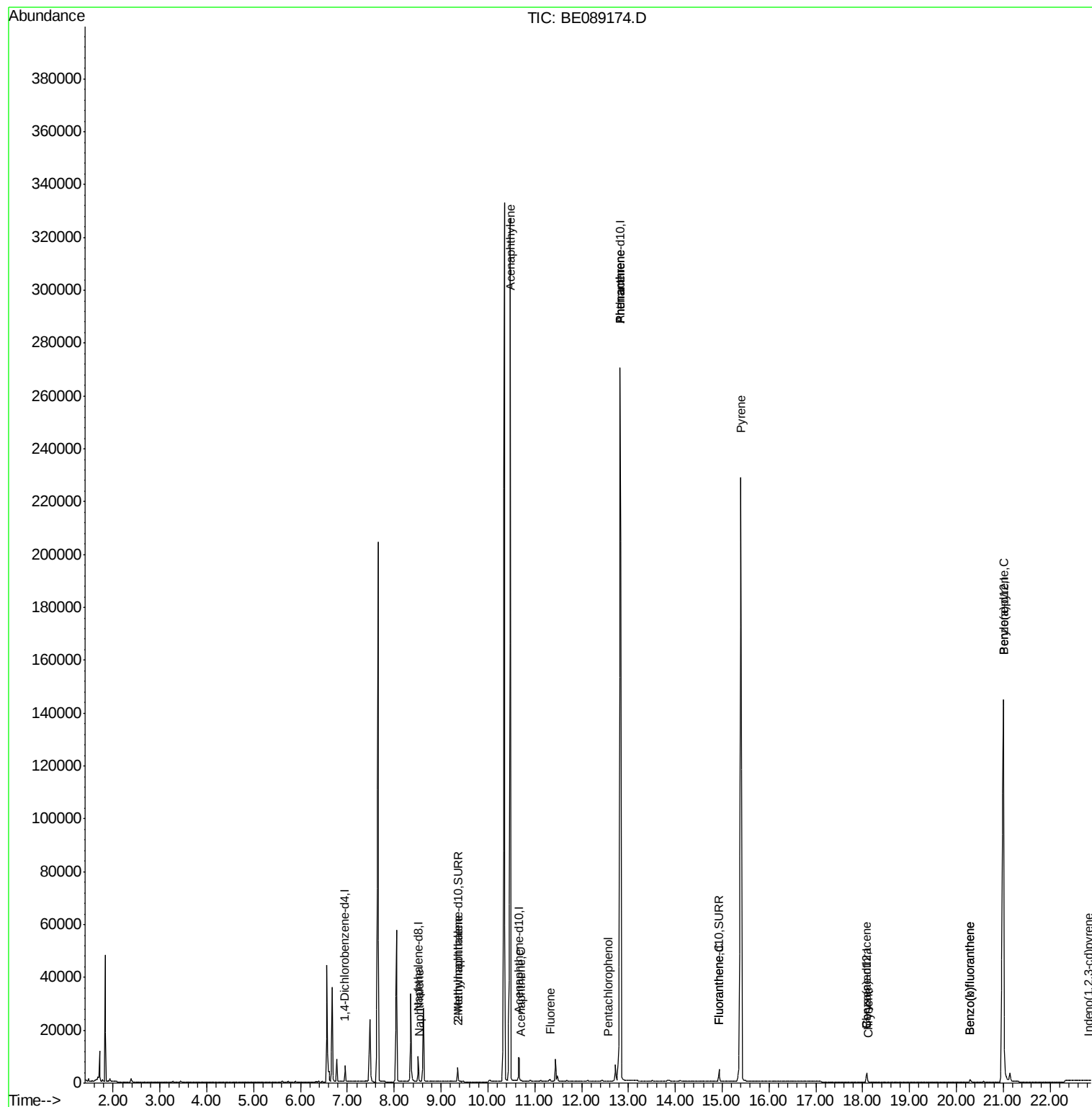
Target Compounds				Qvalue		
3) Naphthalene	8.54	128	61	0.00	ng/ul#	1
5) 2-Methylnaphthalene	9.37	142	73	0.01	ng/ul	98
7) Acenaphthylene	10.48	152	184	0.00	ng/ul#	1
8) Acenaphthene	10.70	153	82	0.00	ng/ul#	50
9) Fluorene	11.32	166	681	0.05	ng/ul#	20
11) Pentachlorophenol	12.57	266	1	0.00	ng/ul#	18
12) Phenanthrene	12.82	178	686	0.00	ng/ul#	1
13) Anthracene	12.82	178	686	0.00	ng/ul#	1
15) Fluoranthene	14.93	202	147	0.00	ng/ul#	1
17) Pyrene	15.40	202	2056	0.03	ng/ul#	1
18) Benzo(a)anthracene	18.08	228	60	0.01	ng/ul#	1
19) Chrysene	18.14	228	38	0.00	ng/ul#	1
21) Benzo(b)fluoranthene	20.28	252	4	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	20.29	252	3	0.00	ng/ul#	1
23) Benzo(a)pyrene	21.00	252	868	0.00	ng/ul#	45
24) Indeno(1,2,3-cd)pyrene	22.82	276	12	0.00	ng/ul#	1

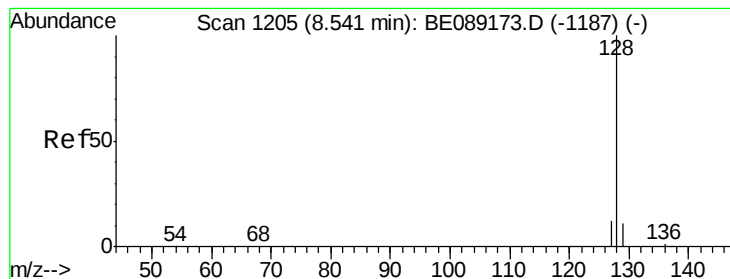
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 09 00:42:17 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE120514.M
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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 8.54 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE089174.D

Acq: 8 Dec 2014 14:37

Instrument :

BNA_E

ClientSampleId :

SBLK64

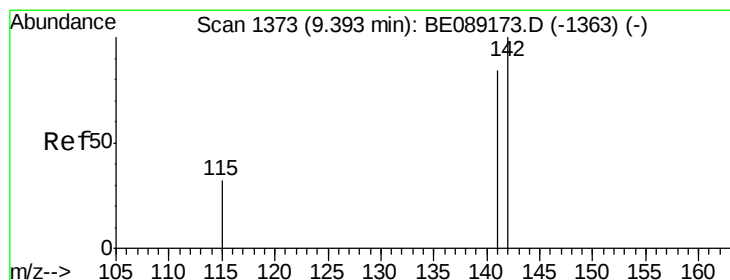
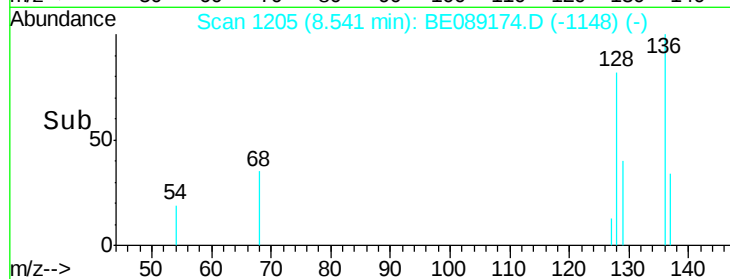
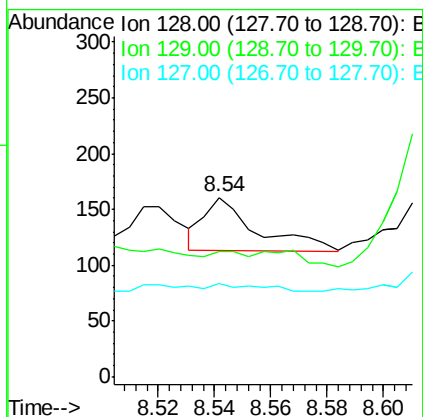
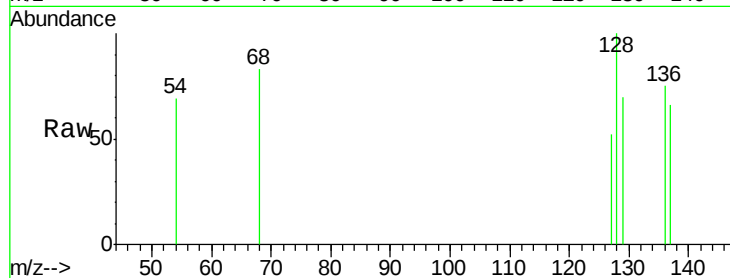
Tgt Ion:128 Resp: 61

Ion Ratio Lower Upper

128 100

129 69.6 9.0 13.6#

127 52.2 10.4 15.6#



#5

2-Methylnaphthalene

Concen: 0.01 ng/ul

RT: 9.37 min Scan# 1368

Delta R.T. -0.02 min

Lab File: BE089174.D

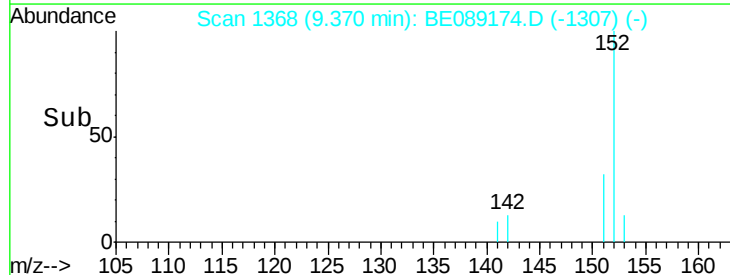
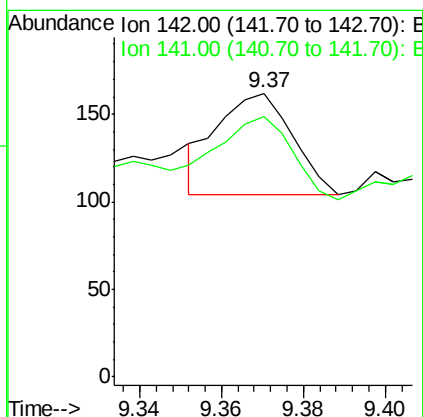
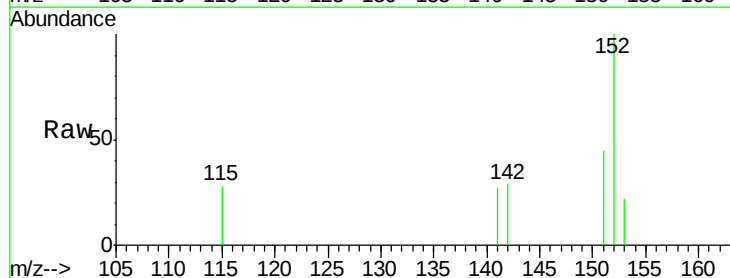
Acq: 8 Dec 2014 14:37

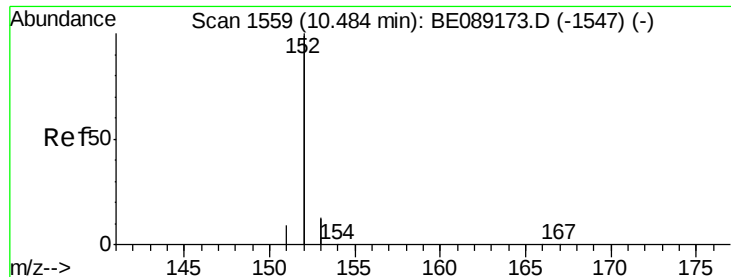
Tgt Ion:142 Resp: 73

Ion Ratio Lower Upper

142 100

141 79.5 65.0 97.6





#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 10.48 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BE089174.D

Acq: 8 Dec 2014 14:37

Instrument :

BNA_E

ClientSampleId :

SBLK64

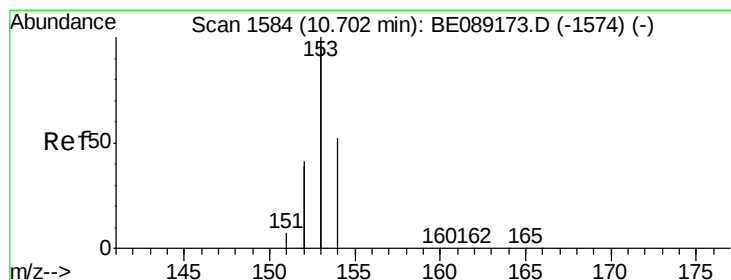
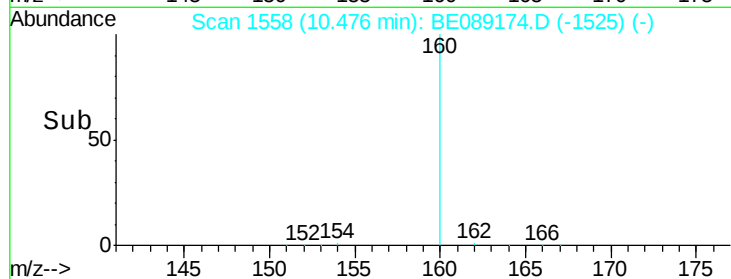
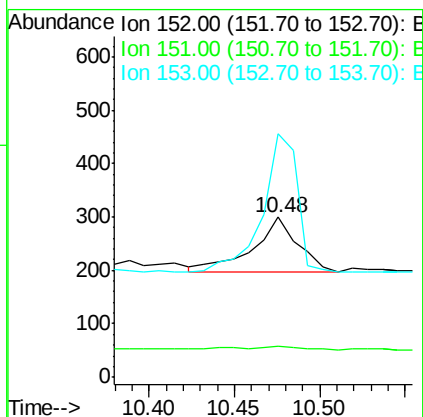
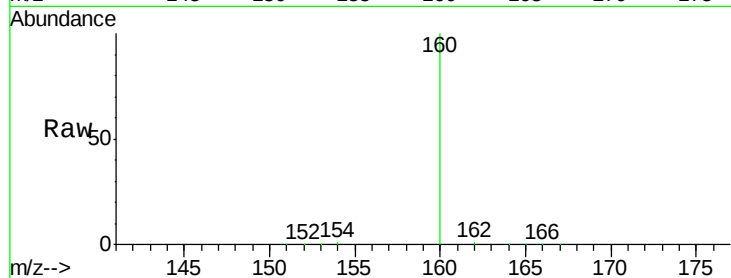
Tgt Ion:152 Resp: 184

Ion Ratio Lower Upper

152 100

151 19.3 4.1 6.1#

153 152.0 10.1 15.1#



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 10.70 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BE089174.D

Acq: 8 Dec 2014 14:37

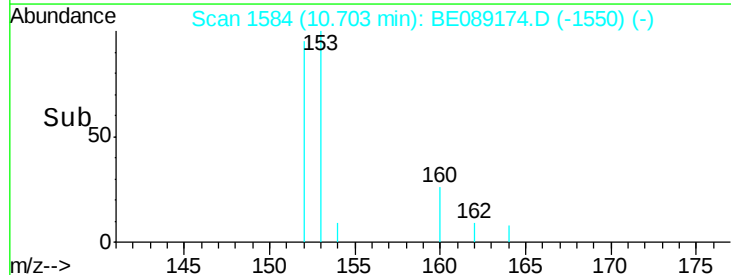
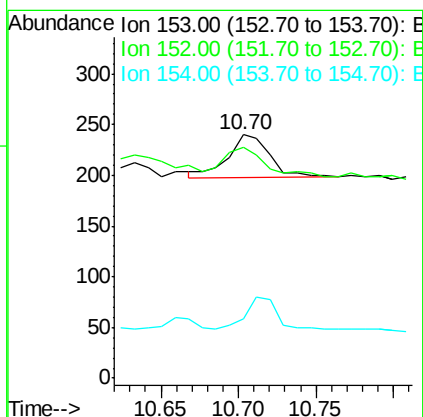
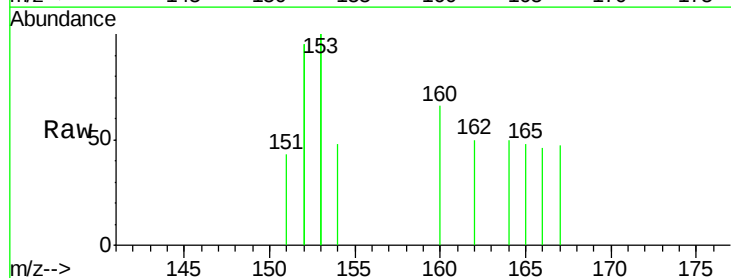
Tgt Ion:153 Resp: 82

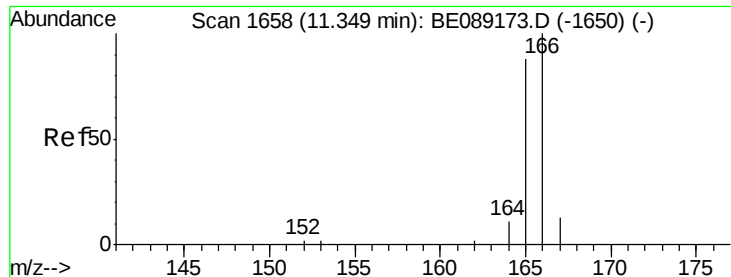
Ion Ratio Lower Upper

153 100

152 95.0 36.0 54.0#

154 24.2 20.4 30.6





#9

Fluorene

Concen: 0.05 ng/ul

RT: 11.32 min Scan# 1655

Delta R.T. -0.03 min

Lab File: BE089174.D

Acq: 8 Dec 2014 14:37

Instrument :

BNA_E

ClientSampleId :

SBLK64

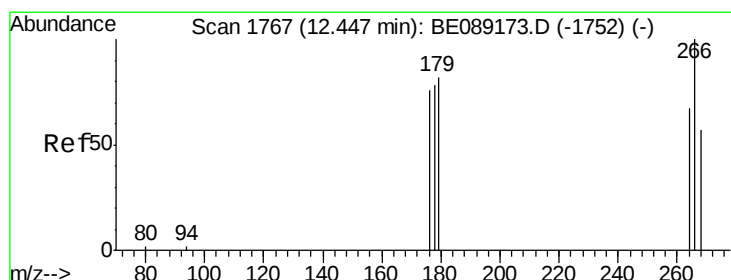
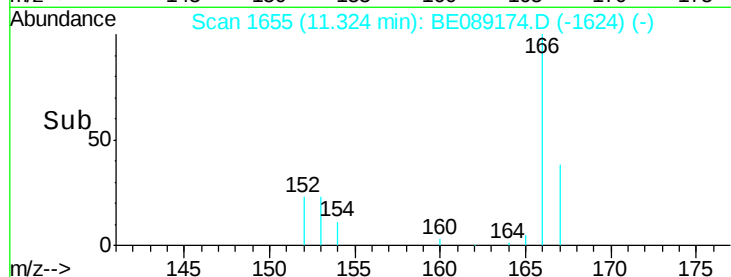
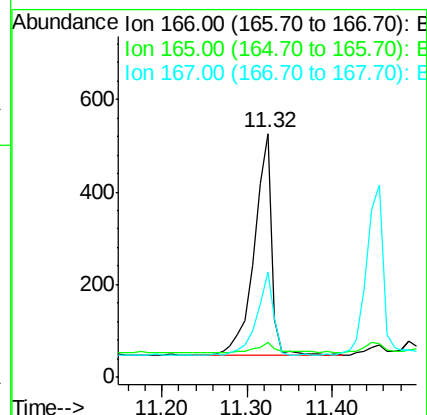
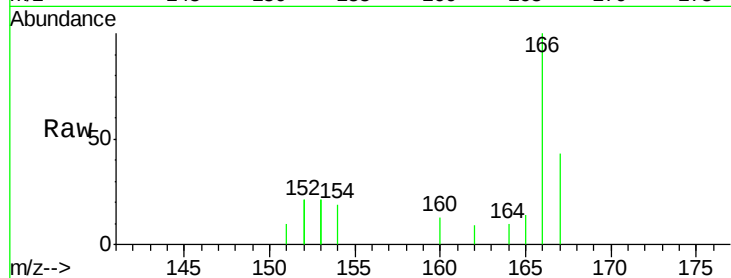
Tgt Ion:166 Resp: 681

Ion Ratio Lower Upper

166 100

165 14.3 72.3 108.5#

167 43.3 10.7 16.1#



#11

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 12.57 min Scan# 1777

Delta R.T. 0.12 min

Lab File: BE089174.D

Acq: 8 Dec 2014 14:37

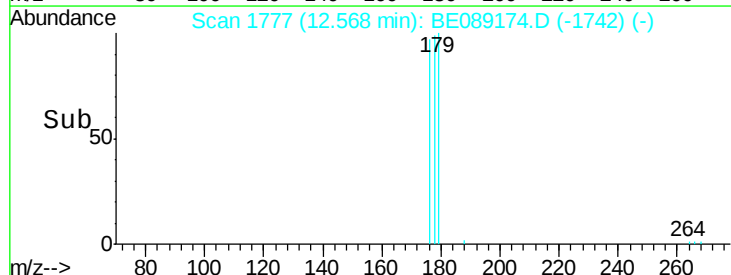
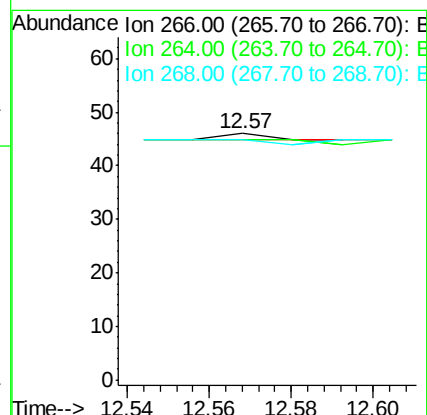
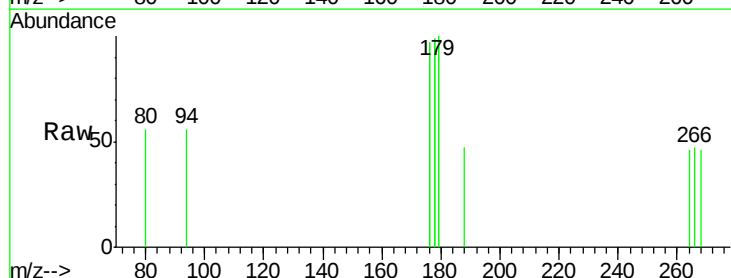
Tgt Ion:266 Resp: 1

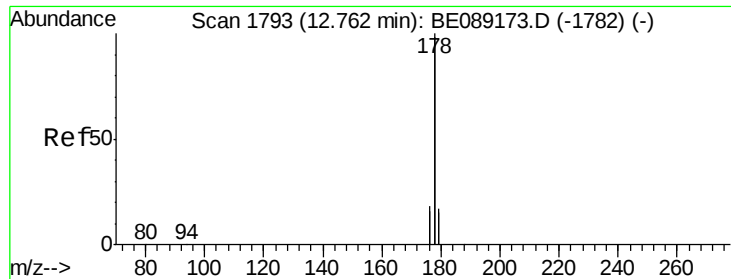
Ion Ratio Lower Upper

266 100

264 0.0 49.8 74.8#

268 0.0 52.0 78.0#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 12.82 min Scan# 1798

Delta R.T. 0.06 min

Lab File: BE089174.D

Acq: 8 Dec 2014 14:37

Instrument :

BNA_E

ClientSampleId :

SBLK64

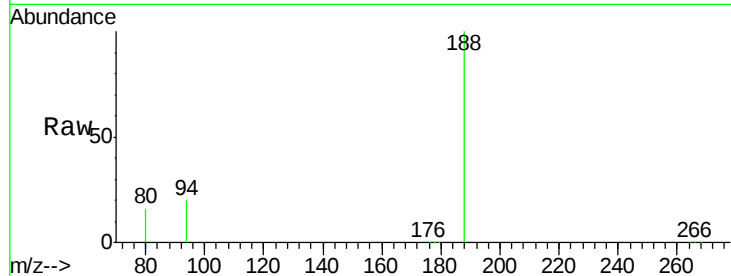
Tgt Ion:178 Resp: 686

Ion Ratio Lower Upper

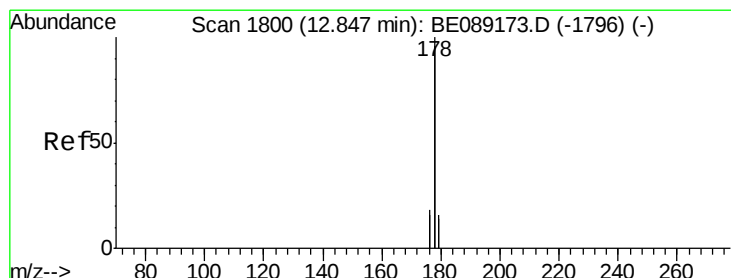
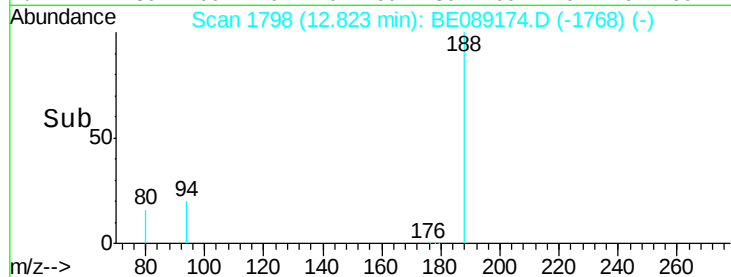
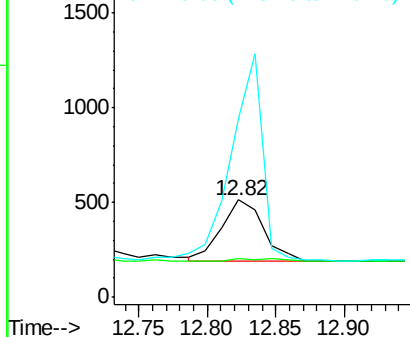
178 100

176 39.3 13.8 20.6#

179 182.9 13.9 20.9#



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



#13

Anthracene

Concen: 0.00 ng/ul

RT: 12.82 min Scan# 1798

Delta R.T. -0.02 min

Lab File: BE089174.D

Acq: 8 Dec 2014 14:37

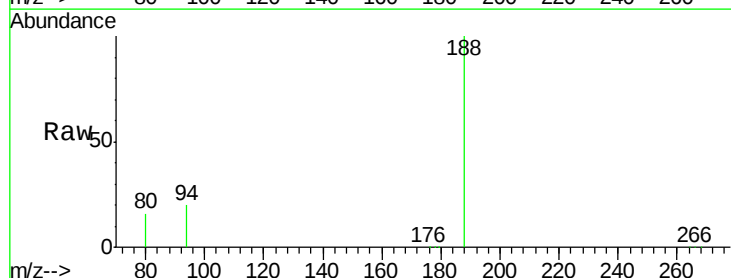
Tgt Ion:178 Resp: 686

Ion Ratio Lower Upper

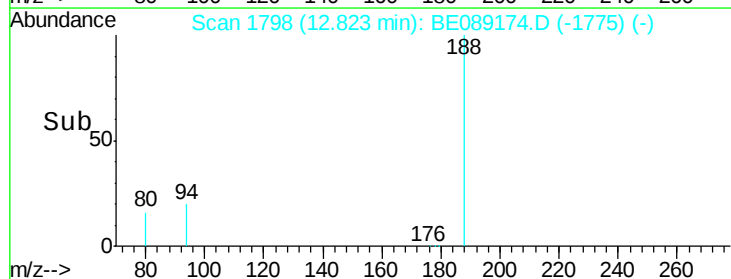
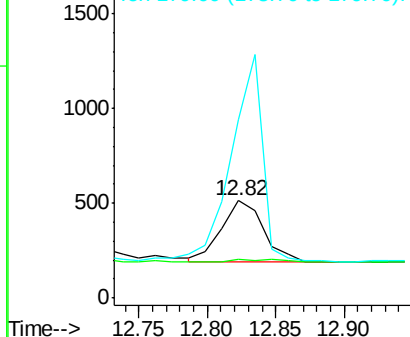
178 100

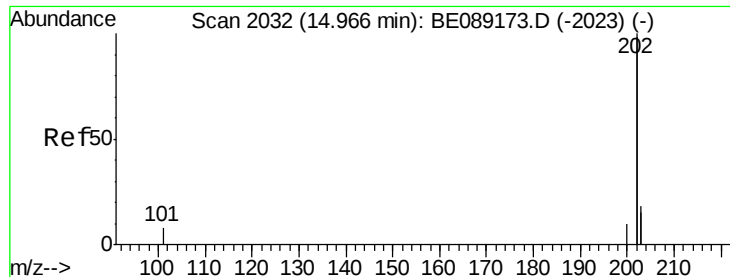
176 39.3 14.2 21.4#

179 182.9 13.0 19.6#



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





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 14.93 min Scan# 2027

Delta R.T. -0.03 min

Lab File: BE089174.D

Acq: 8 Dec 2014 14:37

Instrument :

BNA_E

ClientSampleId :

SBLK64

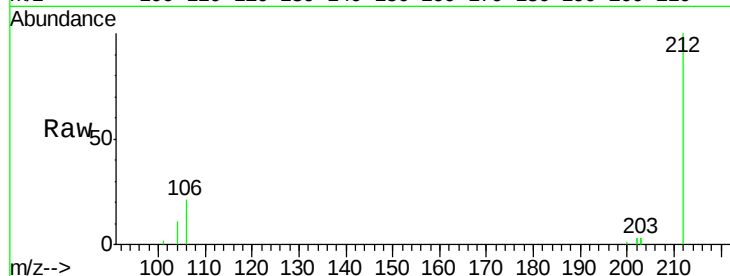
Tgt Ion:202 Resp: 147

Ion Ratio Lower Upper

202 100

101 24.1 0.0 23.9#

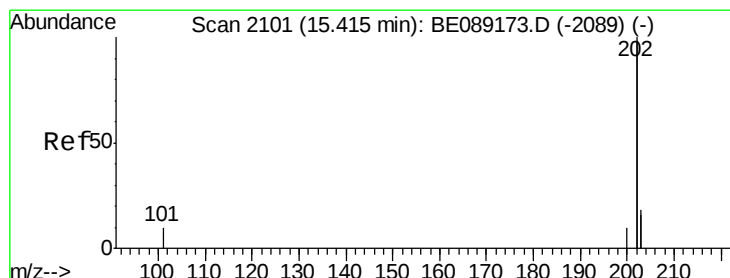
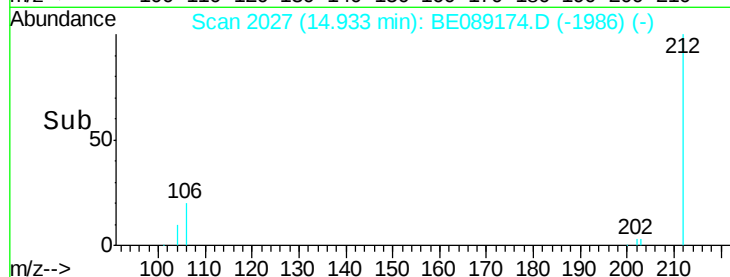
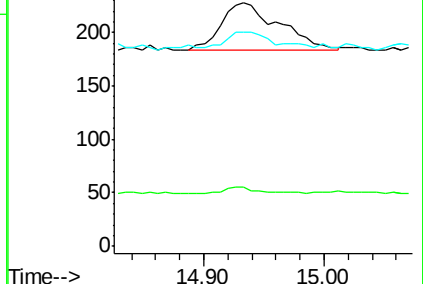
203 87.7 0.0 38.9#



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



#17

Pyrene

Concen: 0.03 ng/ul

RT: 15.40 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BE089174.D

Acq: 8 Dec 2014 14:37

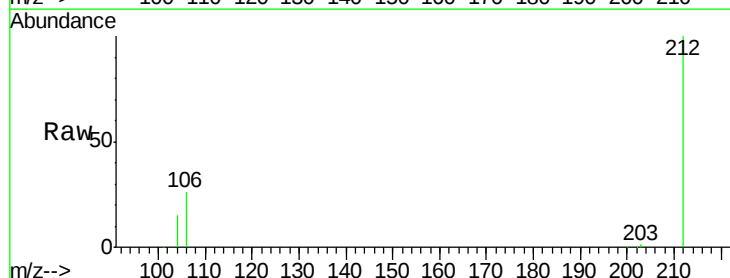
Tgt Ion:202 Resp: 2056

Ion Ratio Lower Upper

202 100

200 5.0 4.2 6.2

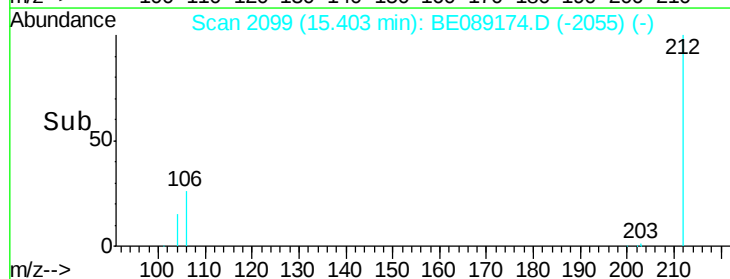
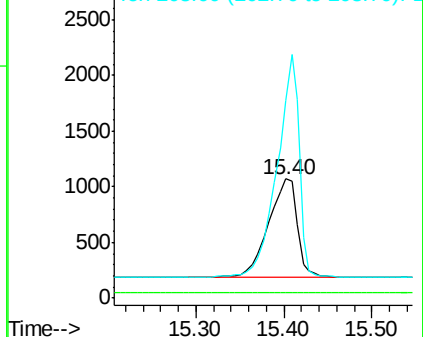
203 165.8 15.4 23.0#

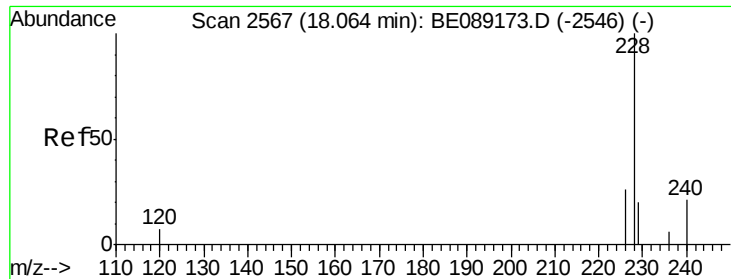


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 18.08 min Scan# 2571

Delta R.T. 0.02 min

Lab File: BE089174.D

Acq: 8 Dec 2014 14:37

Instrument :

BNA_E

ClientSampleId :

SBLK64

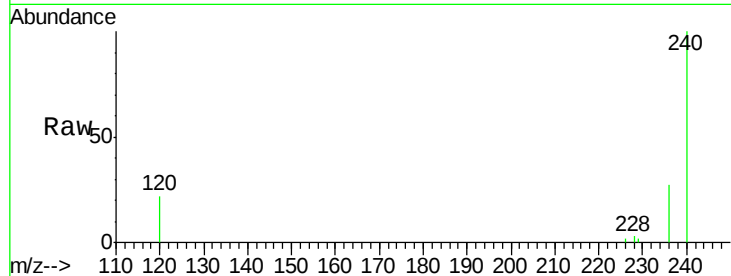
Tgt Ion:228 Resp: 60

Ion Ratio Lower Upper

228 100

226 74.6 21.4 32.0#

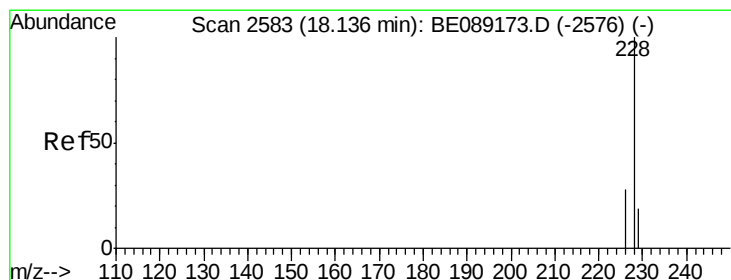
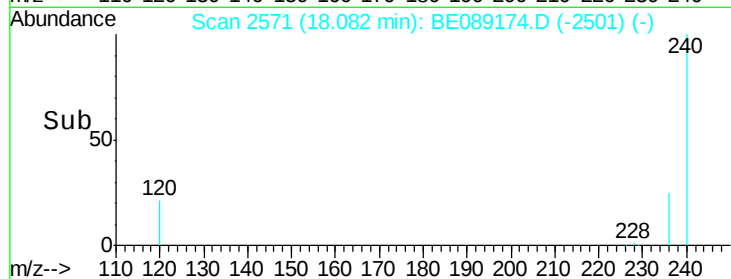
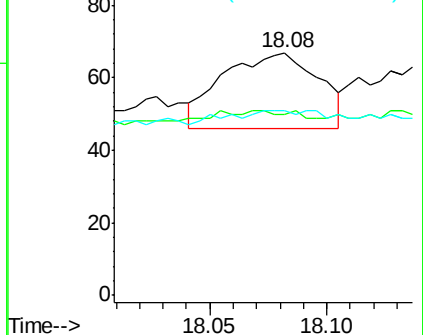
229 76.1 16.6 25.0#



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



#19

Chrysene

Concen: 0.00 ng/ul

RT: 18.14 min Scan# 2583

Delta R.T. 0.00 min

Lab File: BE089174.D

Acq: 8 Dec 2014 14:37

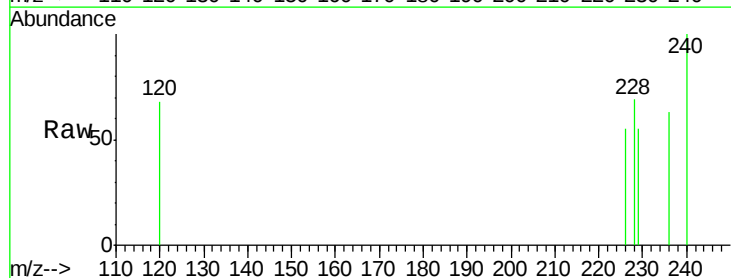
Tgt Ion:228 Resp: 38

Ion Ratio Lower Upper

228 100

226 79.7 24.5 36.7#

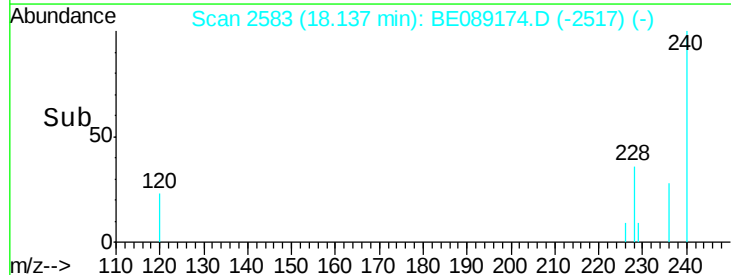
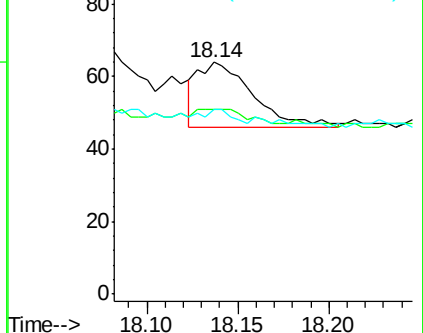
229 79.7 16.6 24.8#

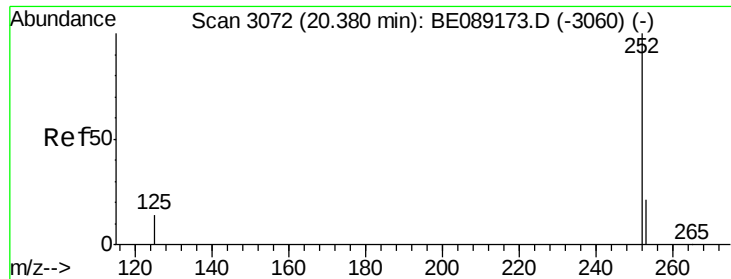


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 20.28 min Scan# 3051

Delta R.T. -0.10 min

Lab File: BE089174.D

Acq: 8 Dec 2014 14:37

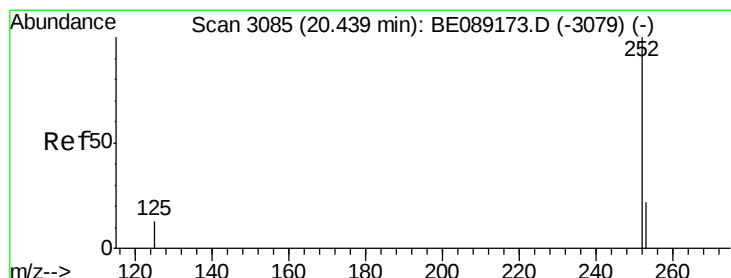
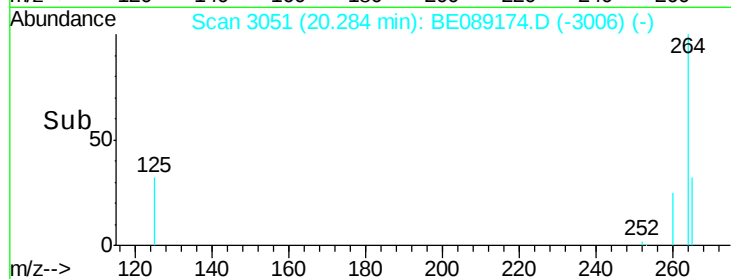
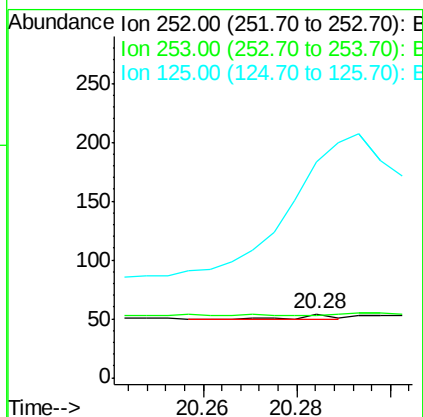
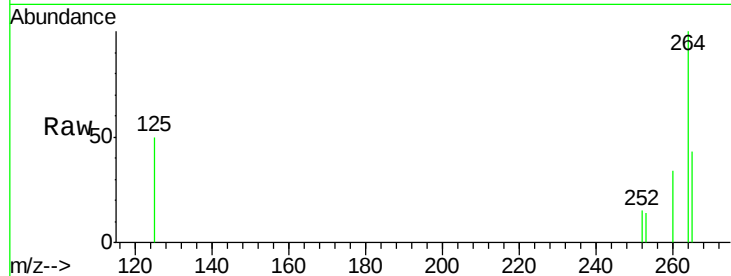
Instrument :

BNA_E

ClientSampleId :

SBLK64

Tgt Ion:	252	Resp:	4
Ion	Ratio	Lower	Upper
252	100		
253	98.1	0.0	46.2#
125	338.9	0.0	33.0#



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

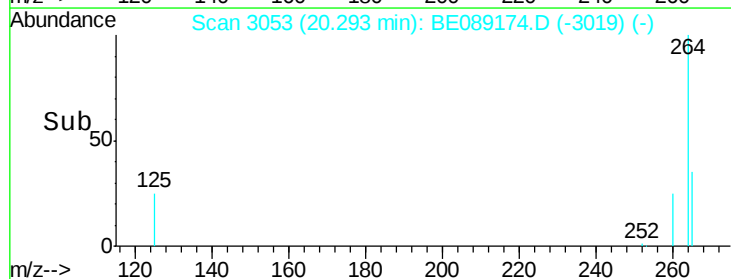
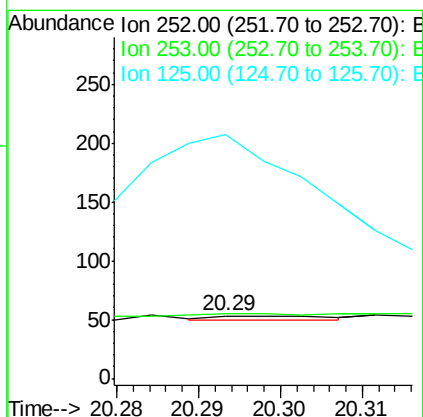
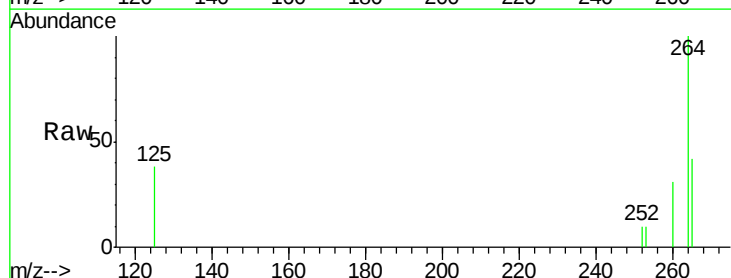
RT: 20.29 min Scan# 3053

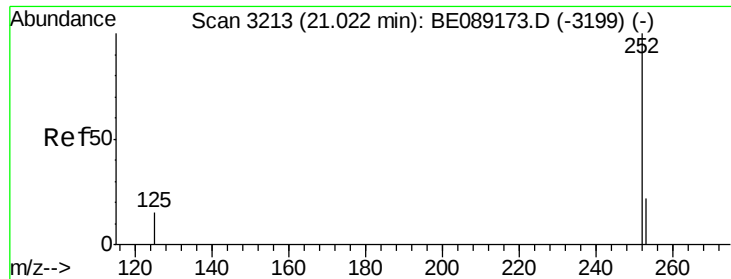
Delta R.T. -0.15 min

Lab File: BE089174.D

Acq: 8 Dec 2014 14:37

Tgt Ion:	252	Resp:	3
Ion	Ratio	Lower	Upper
252	100		
253	103.8	18.7	28.1#
125	390.6	13.1	19.7#





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 21.00 min Scan# 3209

Delta R.T. -0.02 min

Lab File: BE089174.D

Acq: 8 Dec 2014 14:37

Instrument :

BNA_E

ClientSampleId :

SBLK64

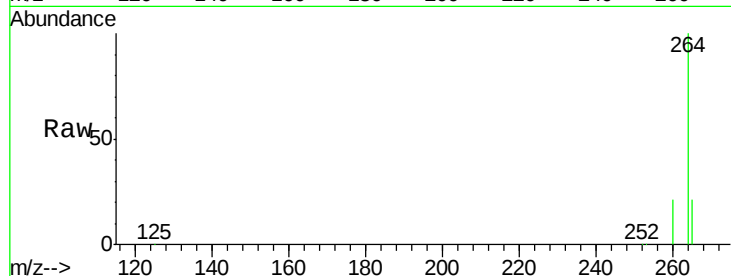
Tgt Ion: 252 Resp: 868

Ion Ratio Lower Upper

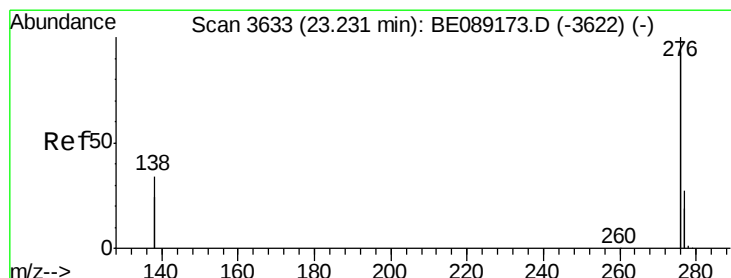
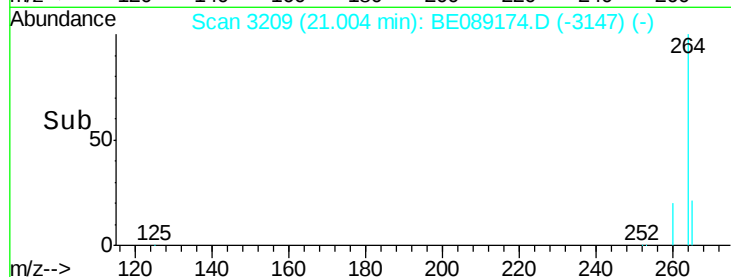
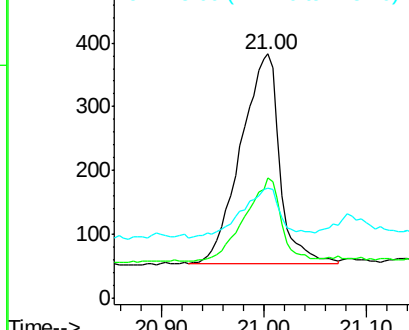
252 100

253 49.3 19.0 28.6#

125 45.2 14.7 22.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 22.82 min Scan# 3570

Delta R.T. -0.41 min

Lab File: BE089174.D

Acq: 8 Dec 2014 14:37

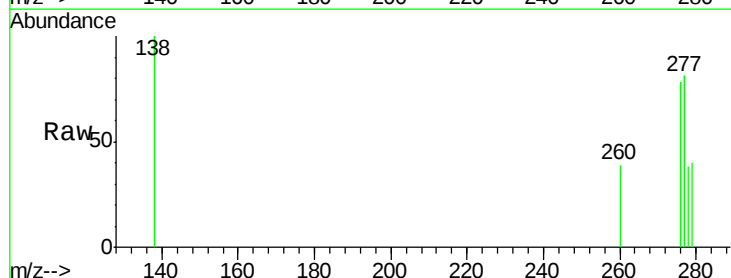
Tgt Ion: 276 Resp: 12

Ion Ratio Lower Upper

276 100

138 0.0 24.6 37.0#

277 191.7 19.3 28.9#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

