

Data Path : Z:\HPCHEM1\BNA_E\Data\BE010215\
 Data File : BE089308.D
 Acq On : 2 Jan 2015 16:29
 Operator : TP/IZ
 Sample : PB81158BL
 Misc : SBLK82
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SBLK82

Quant Time: Jan 02 22:58:57 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE123014.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 02 22:03:42 2015
 Response via : Initial Calibration

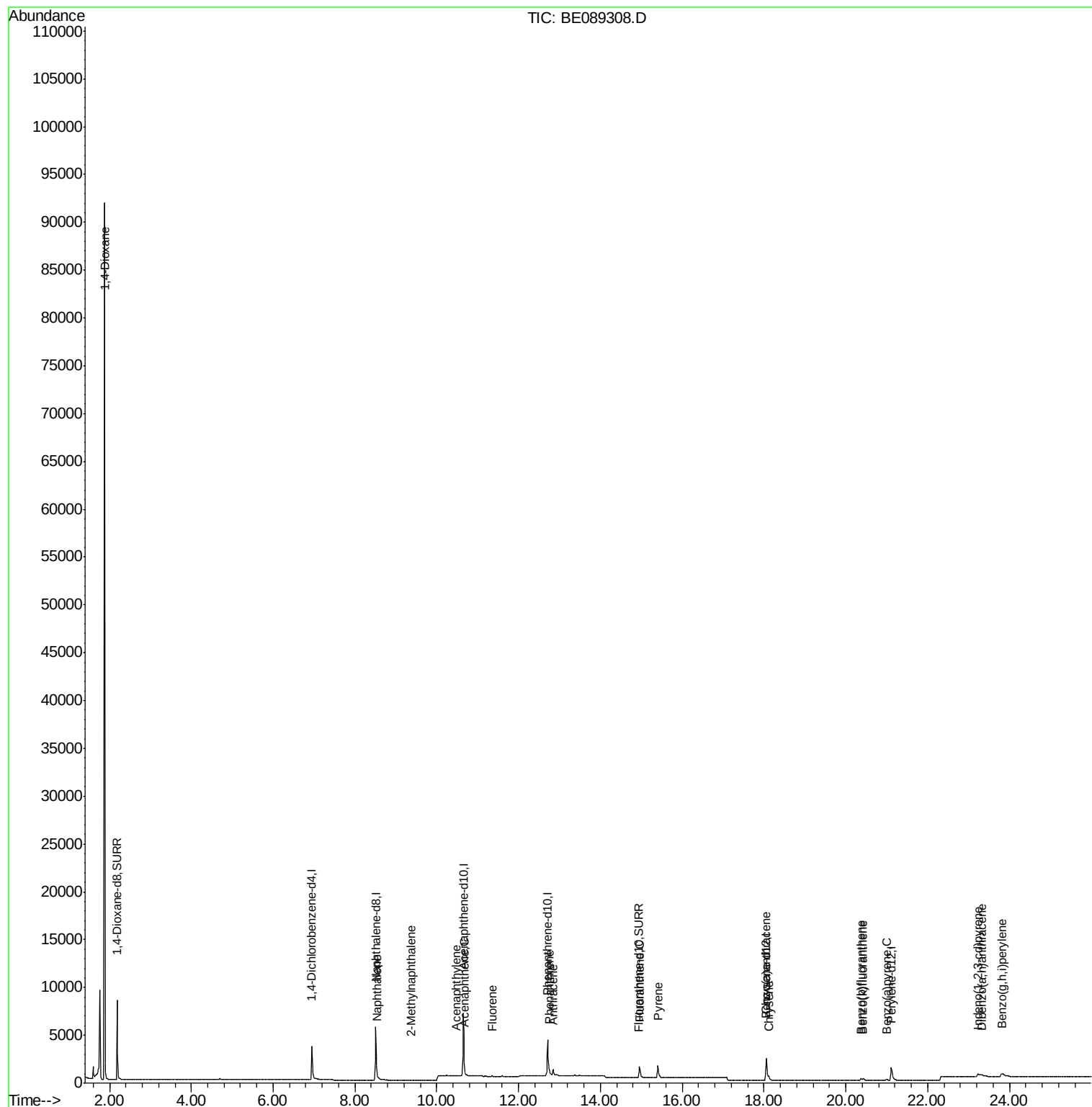
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	1832	0.40	ng/ul	0.00
4) Naphthalene-d8	8.51	136	7440	0.40	ng/ul	0.00
8) Acenaphthene-d10	10.65	164	3770	0.40	ng/ul	0.00
12) Phenanthrene-d10	12.71	188	5712	0.40	ng/ul	0.00
18) Chrysene-d12	18.06	240	3585	0.40	ng/ul	0.00
22) Perylene-d12	21.11	264	2771	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.18	96	5228	1.90	ng/uL	0.02
6) 2-Methylnaphthalene-d10	0.00	152	0	0.00	ng/ul	
16) Fluoranthene-d10	14.93	212	11	0.00	ng/ul	0.01
Target Compounds				Qvalue		
3) 1,4-Dioxane	1.88	88	2795	0.91	ng/ul#	1
5) Naphthalene	8.53	128	27	0.00	ng/ul#	1
7) 2-Methylnaphthalene	9.37	142	7	0.00	ng/ul	96
9) Acenaphthylene	10.48	152	86	0.00	ng/ul#	1
10) Acenaphthene	10.69	153	113	0.00	ng/ul#	44
11) Fluorene	11.35	166	17	0.00	ng/ul#	57
14) Phenanthrene	12.75	178	607	0.01	ng/ul#	27
15) Anthracene	12.85	178	1080	0.02	ng/ul#	50
17) Fluoranthene	14.96	202	2184	0.04	ng/ul	76
19) Pyrene	15.41	202	2391	0.05	ng/ul#	76
20) Benzo(a)anthracene	18.04	228	473	0.06	ng/ul#	76
21) Chrysene	18.12	228	626	0.06	ng/ul#	80
23) Benzo(b)fluoranthene	20.37	252	338	0.05	ng/ul#	58
24) Benzo(k)fluoranthene	20.43	252	514	0.06	ng/ul#	63
25) Benzo(a)pyrene	21.00	252	364	0.05	ng/ul#	53
26) Indeno(1,2,3-cd)pyrene	23.24	276	1304	0.07	ng/ul#	84
27) Dibenzo(a,h)anthracene	23.32	278	215	0.04	ng/ul#	33
28) Benzo(g,h,i)perylene	23.82	276	1427	0.05	ng/ul#	50

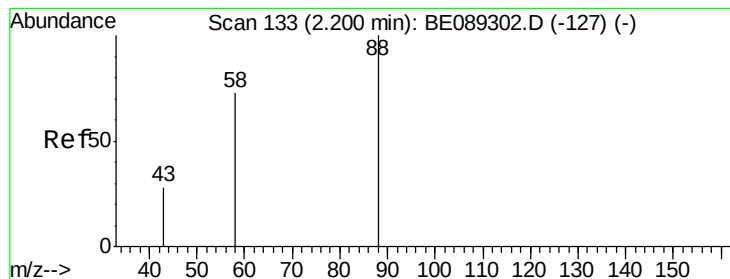
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 02 22:03:42 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.91 ng/ul

RT: 1.88 min Scan# 80

Delta R.T. -0.32 min

Lab File: BE089308.D

Acq: 2 Jan 2015 16:29

Instrument :

BNA_E

ClientSampleId :

SBLK82

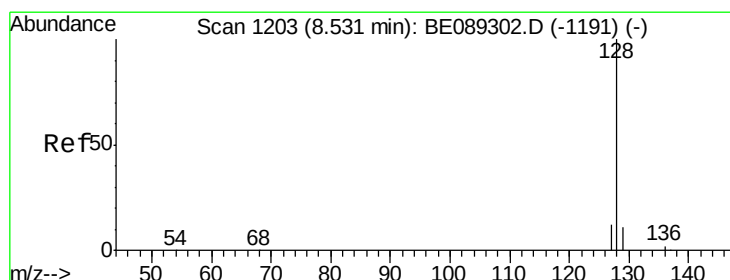
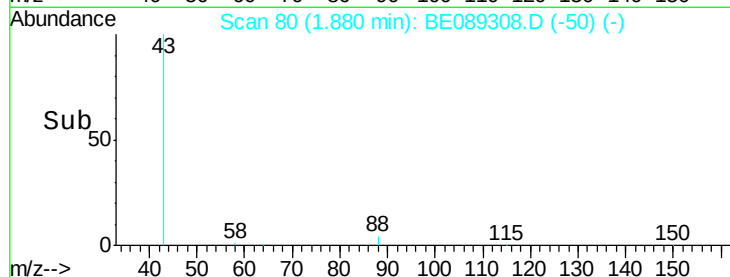
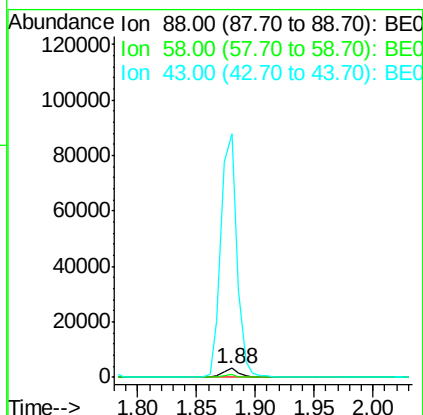
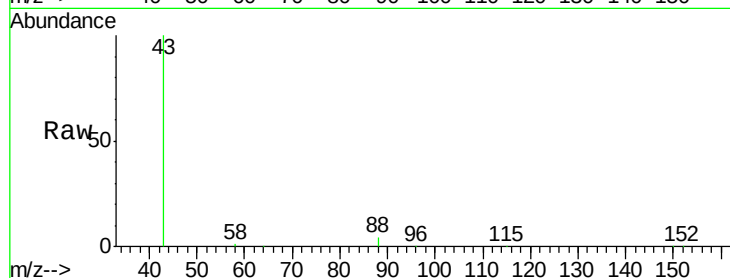
Tgt Ion: 88 Resp: 2795

Ion Ratio Lower Upper

88 100

58 26.5 61.5 92.3#

43 2942.2 23.9 35.9#



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 8.53 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BE089308.D

Acq: 2 Jan 2015 16:29

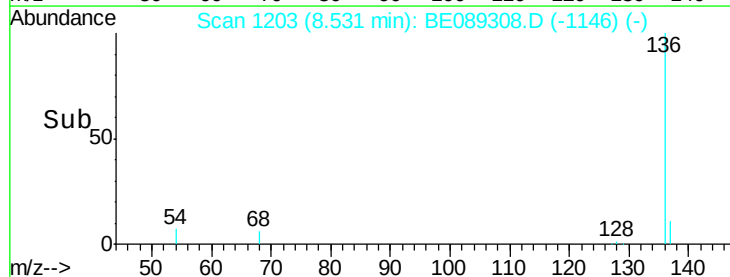
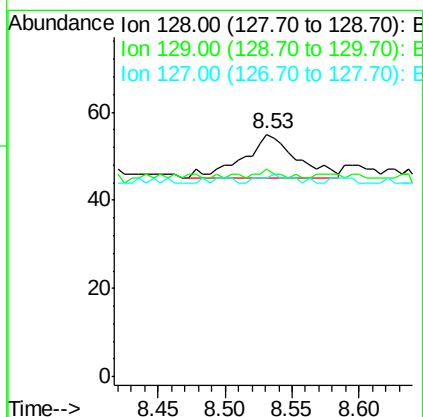
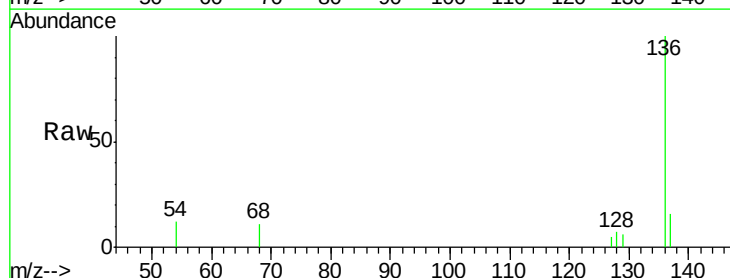
Tgt Ion: 128 Resp: 27

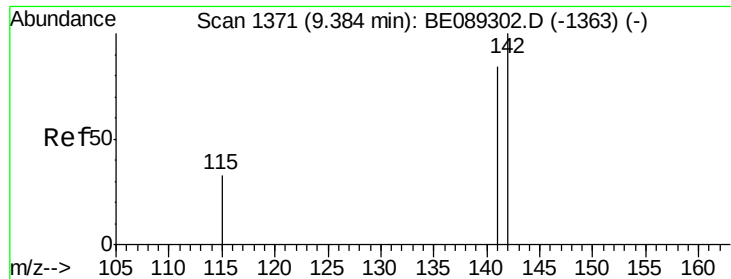
Ion Ratio Lower Upper

128 100

129 85.5 9.1 13.7#

127 81.8 10.0 15.0#





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 9.37 min Scan# 1367

Delta R.T. -0.02 min

Lab File: BE089308.D

Acq: 2 Jan 2015 16:29

Instrument :

BNA_E

ClientSampled :

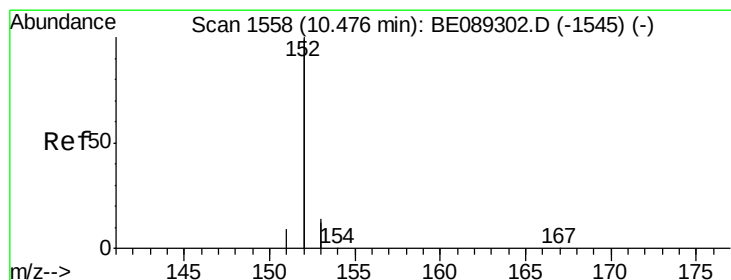
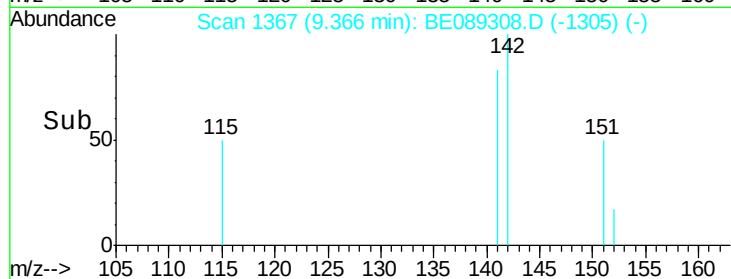
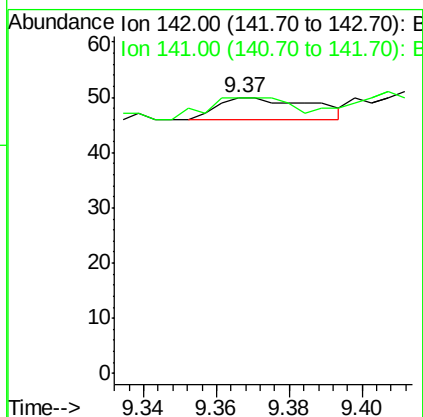
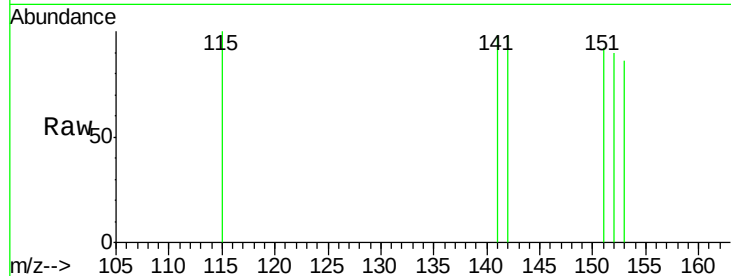
SBLK82

Tgt Ion:142 Resp: 7

Ion Ratio Lower Upper

142 100

141 85.7 65.4 98.0



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 10.48 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BE089308.D

Acq: 2 Jan 2015 16:29

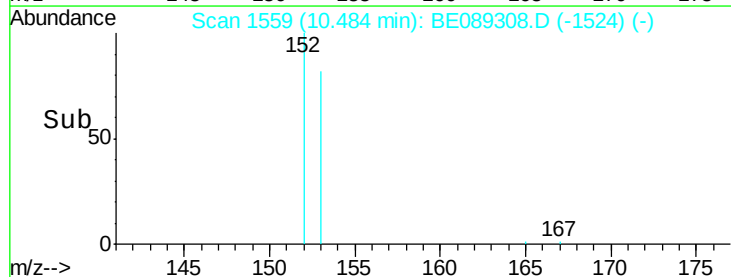
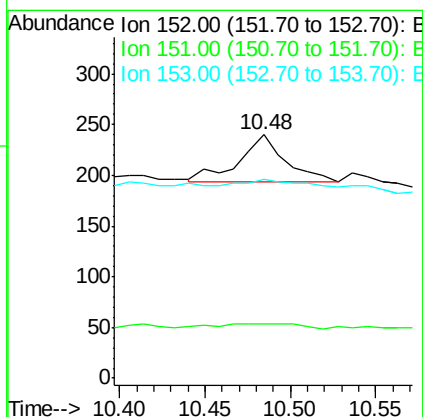
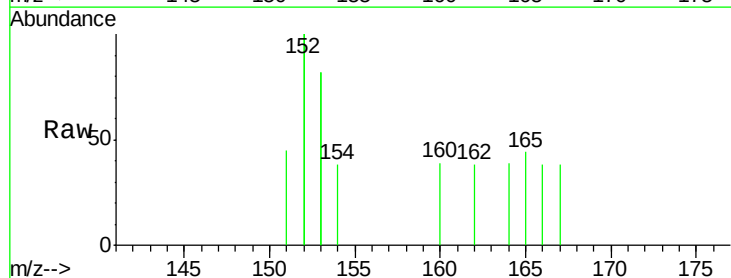
Tgt Ion:152 Resp: 86

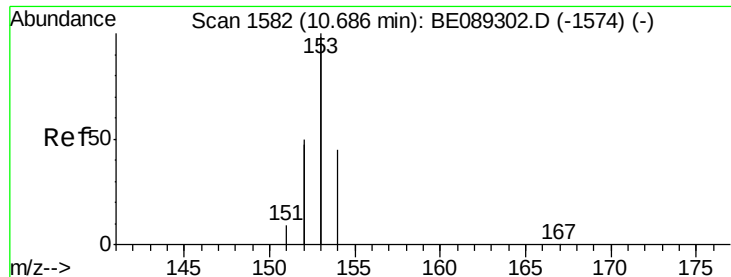
Ion Ratio Lower Upper

152 100

151 22.5 4.0 6.0#

153 81.7 10.1 15.1#





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 10.69 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BE089308.D

Acq: 2 Jan 2015 16:29

Instrument :

BNA_E

ClientSampleId :

SBLK82

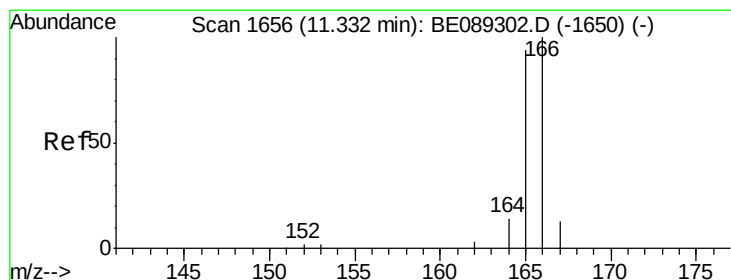
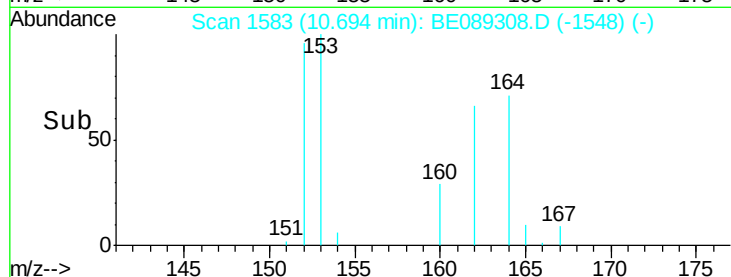
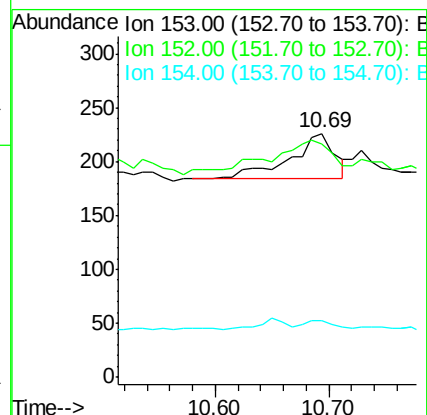
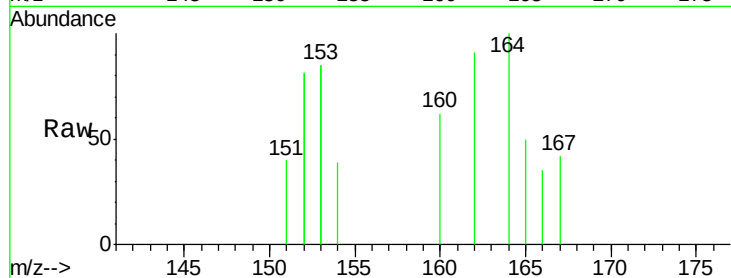
Tgt Ion:153 Resp: 113

Ion Ratio Lower Upper

153 100

152 95.6 32.6 49.0#

154 23.0 21.8 32.6



#11

Fluorene

Concen: 0.00 ng/ul

RT: 11.35 min Scan# 1658

Delta R.T. 0.02 min

Lab File: BE089308.D

Acq: 2 Jan 2015 16:29

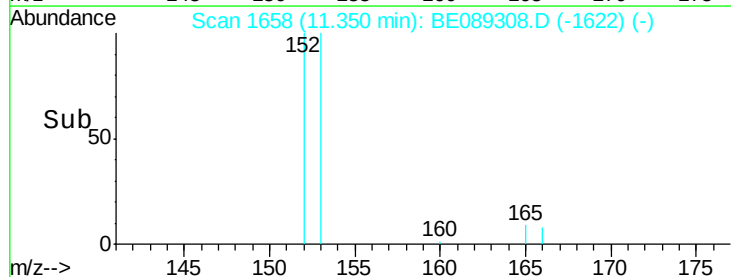
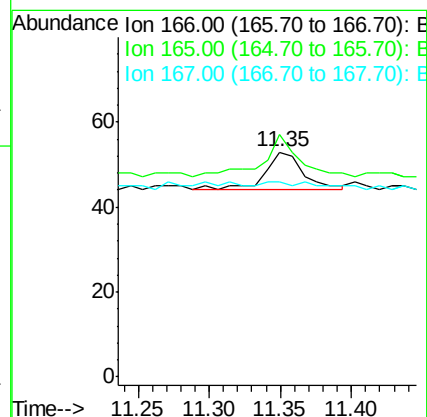
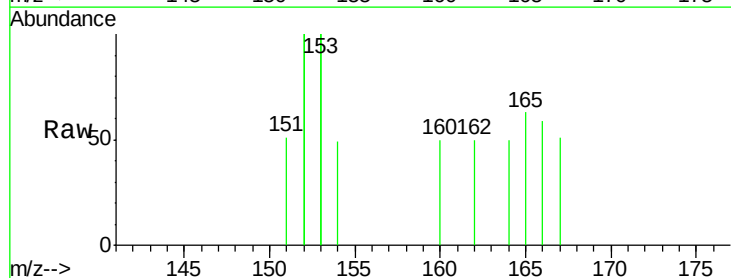
Tgt Ion:166 Resp: 17

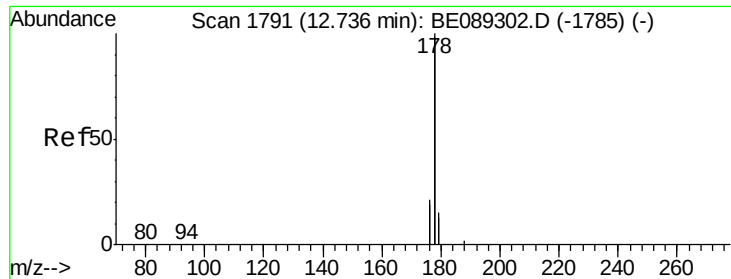
Ion Ratio Lower Upper

166 100

165 107.5 70.3 105.5#

167 86.8 11.5 17.3#





#14

Phenanthrene

Concen: 0.01 ng/ul

RT: 12.75 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BE089308.D

Acq: 2 Jan 2015 16:29

Instrument :

BNA_E

ClientSampleId :

SBLK82

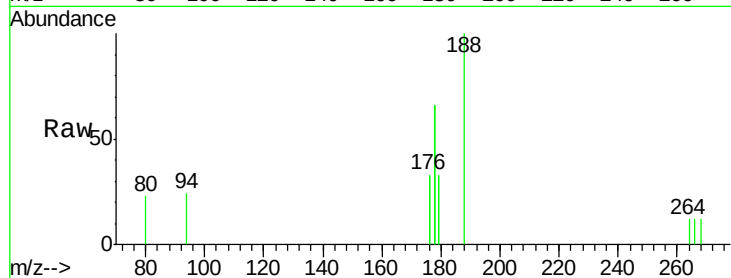
Tgt Ion:178 Resp: 607

Ion Ratio Lower Upper

178 100

176 49.6 14.3 21.5#

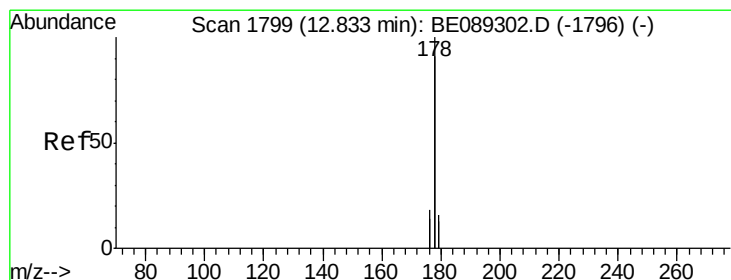
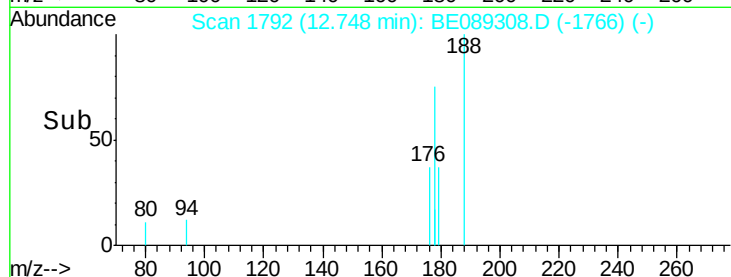
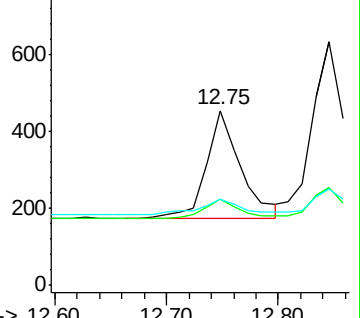
179 49.6 13.8 20.8#



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

Anthracene

Concen: 0.02 ng/ul

RT: 12.85 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BE089308.D

Acq: 2 Jan 2015 16:29

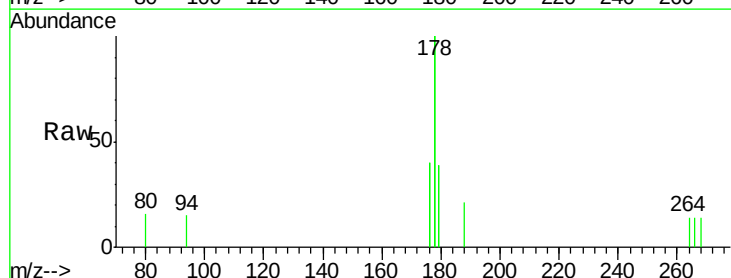
Tgt Ion:178 Resp: 1080

Ion Ratio Lower Upper

178 100

176 40.1 14.7 22.1#

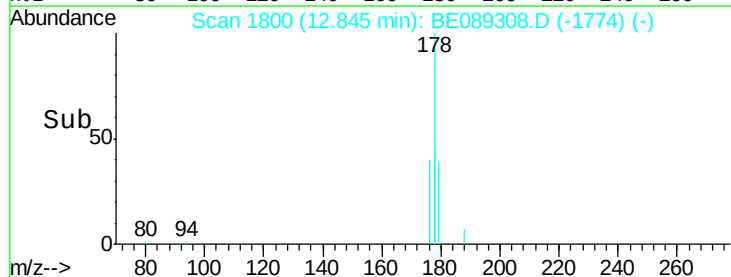
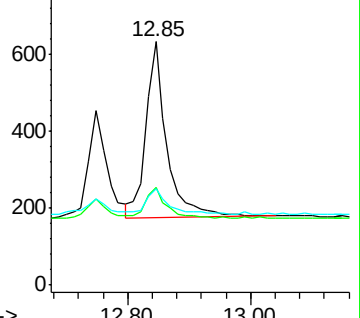
179 39.4 13.4 20.2#

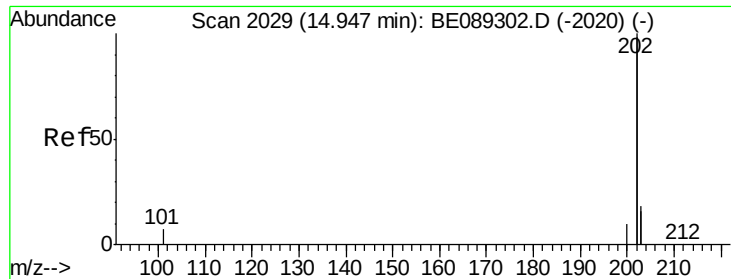


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

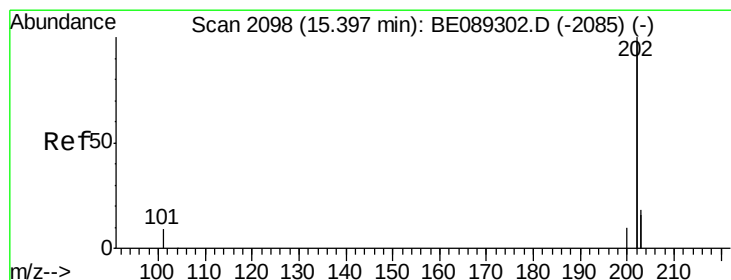
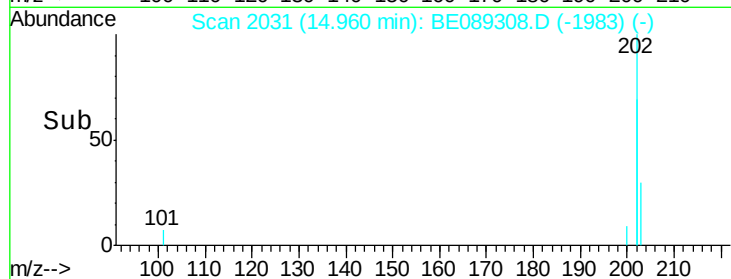
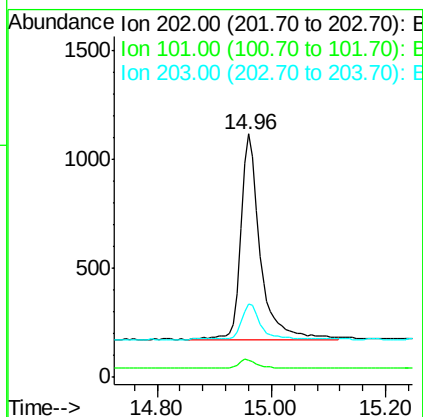
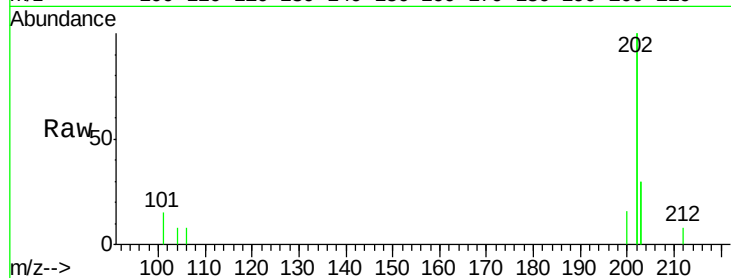




#17
Fluoranthene
Concen: 0.04 ng/ul
RT: 14.96 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BE089308.D
Acq: 2 Jan 2015 16:29

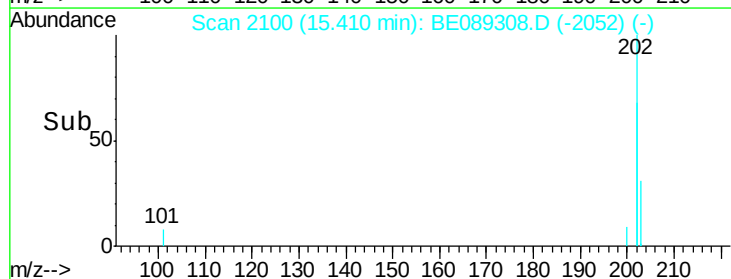
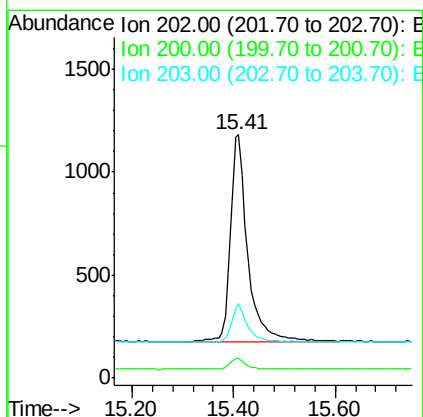
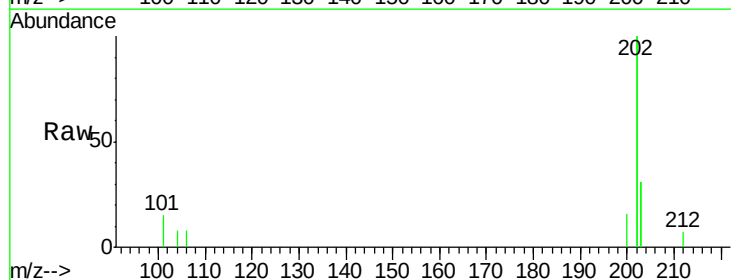
Instrument :
BNA_E
ClientSampled :
SBLK82

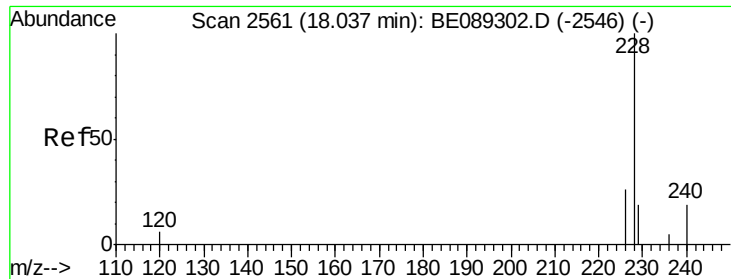
Tgt Ion:202 Resp: 2184
Ion Ratio Lower Upper
202 100
101 7.3 0.0 24.6
203 30.3 0.0 37.8



#19
Pyrene
Concen: 0.05 ng/ul
RT: 15.41 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BE089308.D
Acq: 2 Jan 2015 16:29

Tgt Ion:202 Resp: 2391
Ion Ratio Lower Upper
202 100
200 8.0 4.2 6.4#
203 30.8 14.4 21.6#





#20

Benzo(a)anthracene

Concen: 0.06 ng/ul

RT: 18.04 min Scan# 2562

Delta R.T. 0.00 min

Lab File: BE089308.D

Acq: 2 Jan 2015 16:29

Instrument :

BNA_E

ClientSampleId :

SBLK82

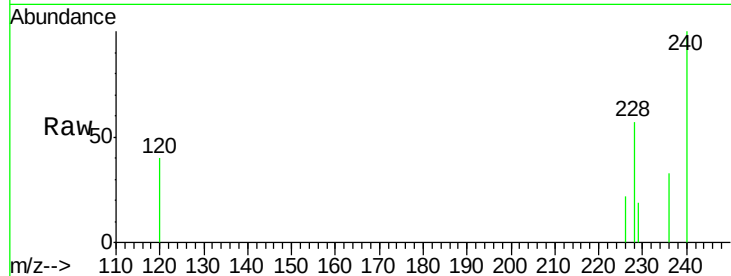
Tgt Ion:228 Resp: 473

Ion Ratio Lower Upper

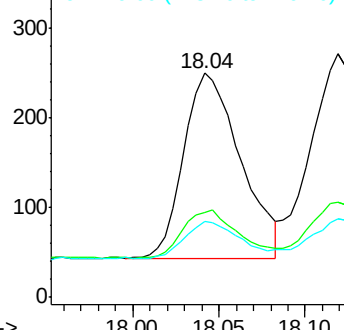
228 100

226 38.2 21.9 32.9#

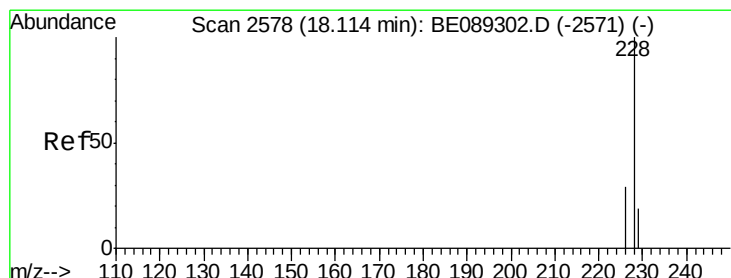
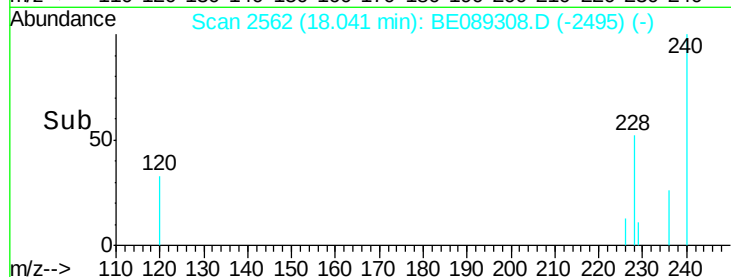
229 34.1 16.9 25.3#



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



Time-->



#21

Chrysene

Concen: 0.06 ng/ul

RT: 18.12 min Scan# 2579

Delta R.T. 0.00 min

Lab File: BE089308.D

Acq: 2 Jan 2015 16:29

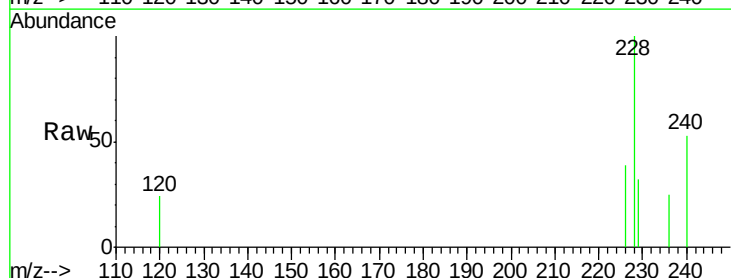
Tgt Ion:228 Resp: 626

Ion Ratio Lower Upper

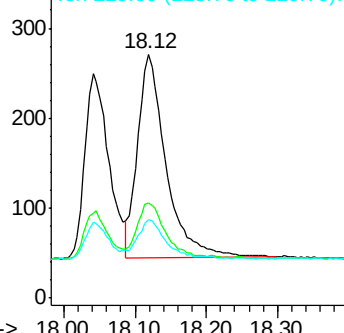
228 100

226 39.1 23.9 35.9#

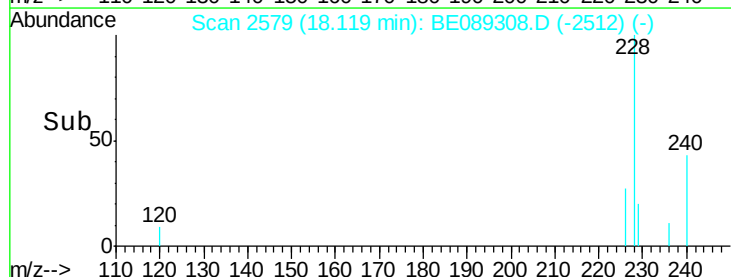
229 32.5 16.8 25.2#

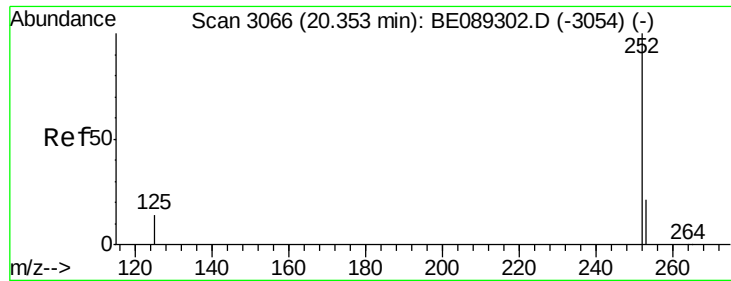


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





#23

Benzo(b)fluoranthene

Concen: 0.05 ng/ul

RT: 20.37 min Scan# 3070

Delta R.T. 0.02 min

Lab File: BE089308.D

Acq: 2 Jan 2015 16:29

Instrument :

BNA_E

ClientSampleId :

SBLK82

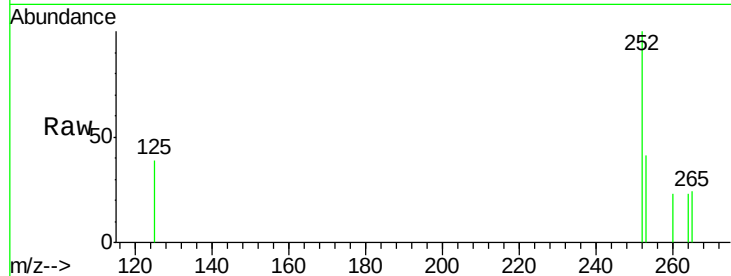
Tgt Ion:252 Resp: 338

Ion Ratio Lower Upper

252 100

253 41.3 0.0 47.8

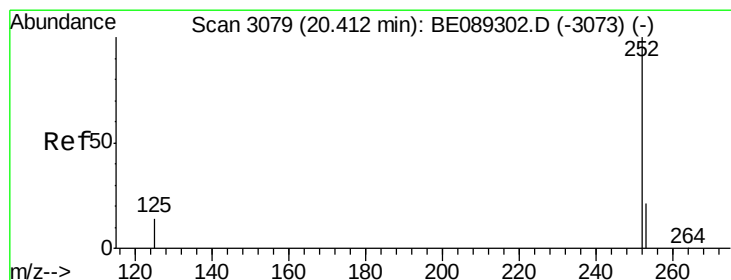
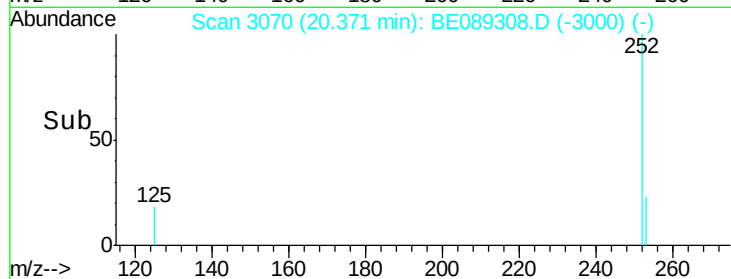
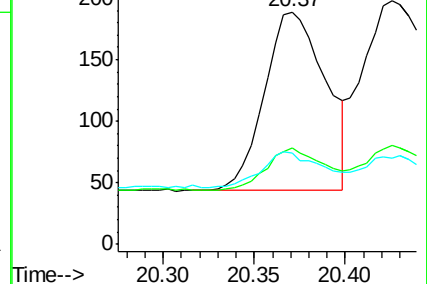
125 39.2 0.0 34.2#



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

Benzo(k)fluoranthene

Concen: 0.06 ng/ul

RT: 20.43 min Scan# 3082

Delta R.T. 0.01 min

Lab File: BE089308.D

Acq: 2 Jan 2015 16:29

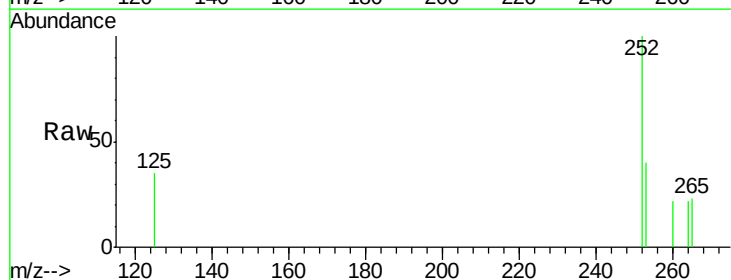
Tgt Ion:252 Resp: 514

Ion Ratio Lower Upper

252 100

253 40.4 19.0 28.6#

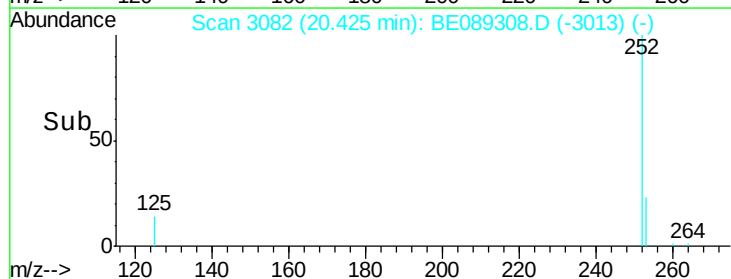
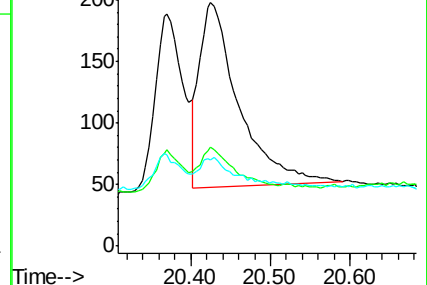
125 35.4 13.5 20.3#

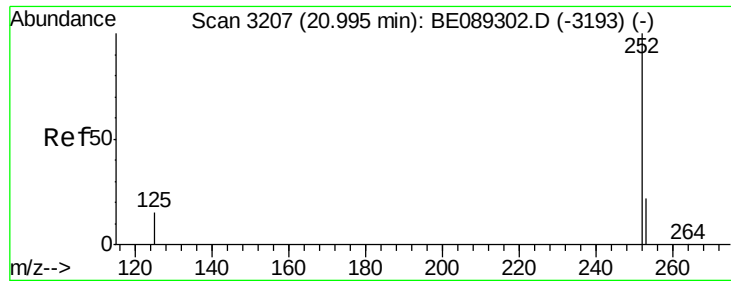


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

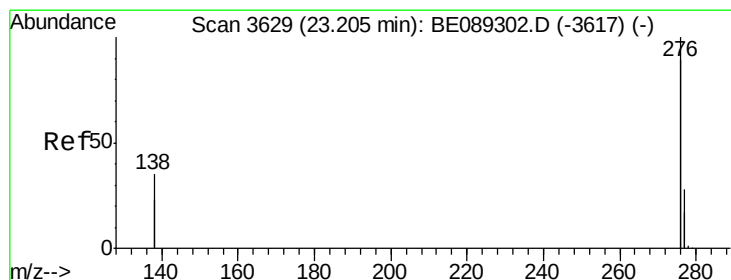
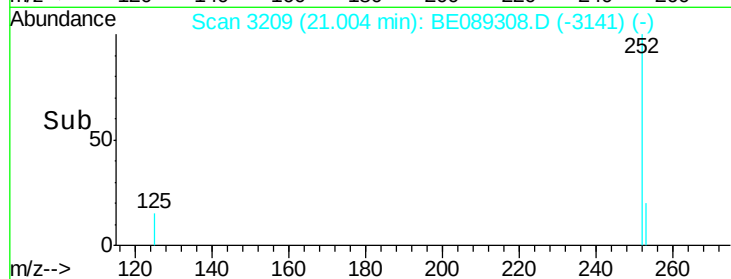
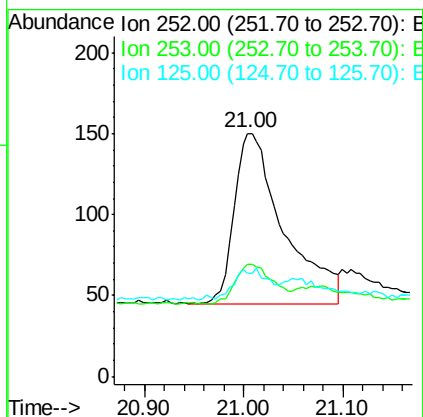
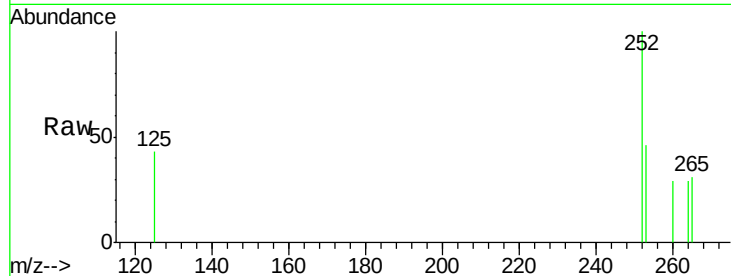




#25
Benzo(a)pyrene
Concen: 0.05 ng/ul
RT: 21.00 min Scan# 3209
Delta R.T. 0.01 min
Lab File: BE089308.D
Acq: 2 Jan 2015 16:29

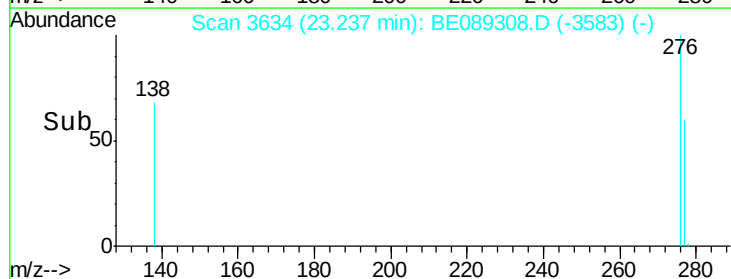
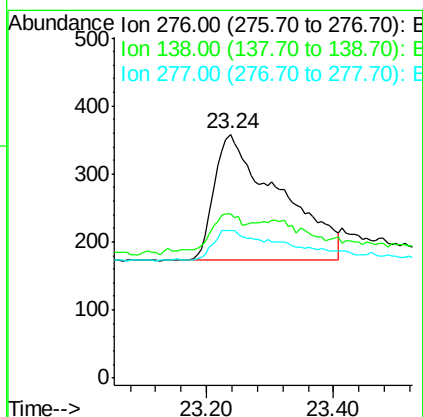
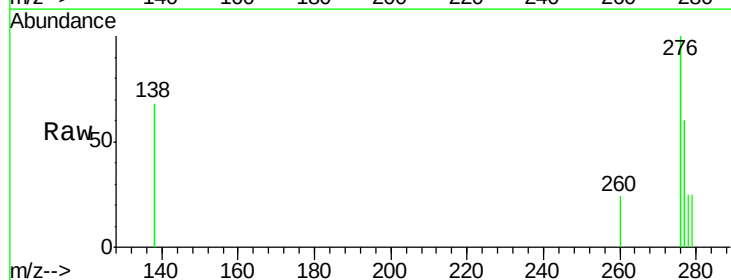
Instrument :
BNA_E
ClientSampleId :
SBLK82

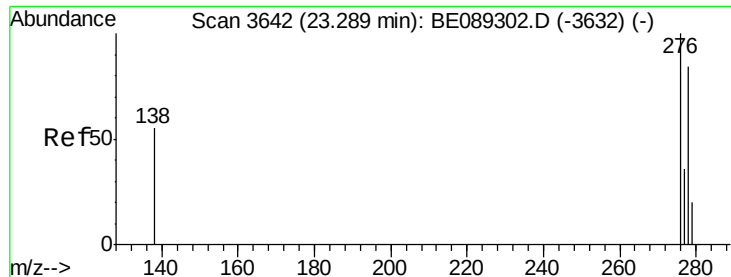
Tgt Ion: 252 Resp: 364
Ion Ratio Lower Upper
252 100
253 46.0 19.7 29.5#
125 42.7 15.0 22.6#



#26
Indeno(1,2,3-cd)pyrene
Concen: 0.07 ng/ul
RT: 23.24 min Scan# 3634
Delta R.T. 0.03 min
Lab File: BE089308.D
Acq: 2 Jan 2015 16:29

Tgt Ion: 276 Resp: 1304
Ion Ratio Lower Upper
276 100
138 14.6 23.8 35.8#
277 24.3 18.9 28.3

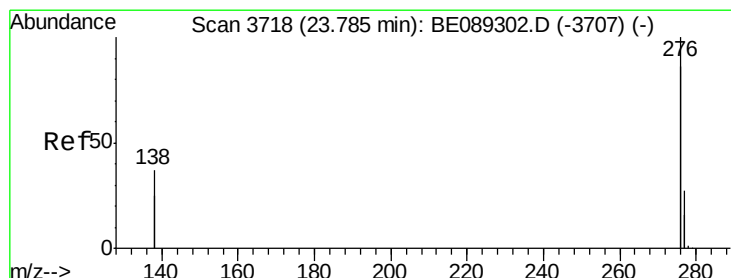
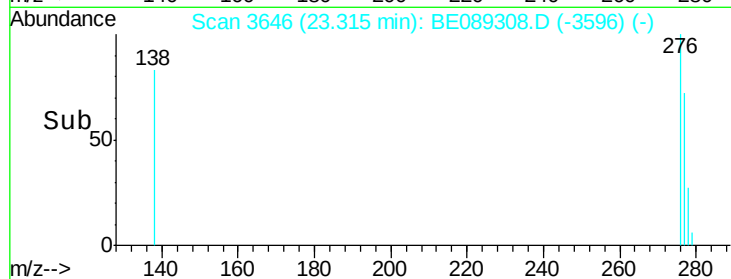
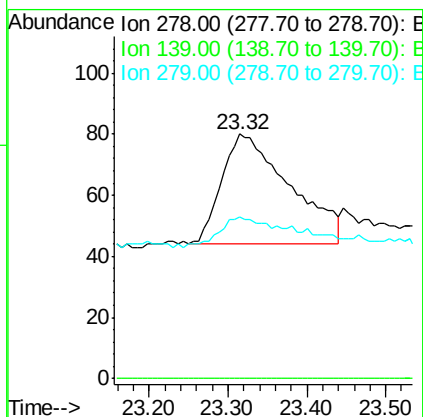
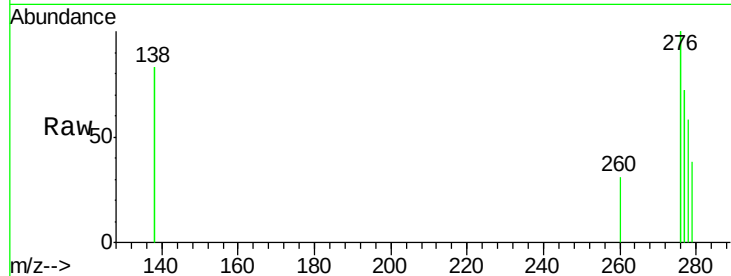




#27
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul
RT: 23.32 min Scan# 3646
Delta R.T. 0.03 min
Lab File: BE089308.D
Acq: 2 Jan 2015 16:29

Instrument :
BNA_E
ClientSampleId :
SBLK82

Tgt Ion: 278 Resp: 215
Ion Ratio Lower Upper
278 100
139 0.0 0.0 0.0
279 66.3 24.0 36.0#



#28
Benzo(g,h,i)perylene
Concen: 0.05 ng/ul
RT: 23.82 min Scan# 3724
Delta R.T. 0.04 min
Lab File: BE089308.D
Acq: 2 Jan 2015 16:29

Tgt Ion: 276 Resp: 1427
Ion Ratio Lower Upper
276 100
277 57.1 22.3 33.5#
138 65.3 30.0 45.0#

