

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE103114\
 Data File : BE088418.D
 Acq On : 31 Oct 2014 11:21
 Operator : TP/JJ
 Sample : PB79714
 Misc : SBLK87
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SBLK87

Quant Time: Nov 01 00:58:52 2014
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE103014.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 01 00:56:19 2014
 Response via : Initial Calibration

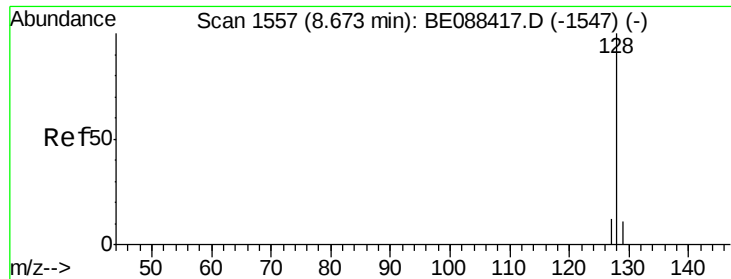
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.08	152	2260	0.40	ng/ul	0.00
2) Naphthalene-d8	8.65	136	8734	0.40	ng/ul	0.00
6) Acenaphthene-d10	10.80	164	4077	0.40	ng/ul	0.00
10) Phenanthrene-d10	12.90	188	6126	0.40	ng/ul	0.00
16) Chrysene-d12	18.31	240	3422	0.40	ng/ul	0.00
20) Perylene-d12	21.38	264	2967	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	9.49	152	4687	0.43	ng/ul	0.00
14) Fluoranthene-d10	15.14	212	4574	0.40	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	8.67	128	36	0.00	ng/ul#	1
5) 2-Methylnaphthalene	9.52	142	2	0.00	ng/ul#	78
7) Acenaphthylene	10.46	152	909	0.01	ng/ul#	1
8) Acenaphthene	10.81	153	15	0.00	ng/ul#	54
9) Fluorene	11.50	166	1	0.00	ng/ul#	61
11) Pentachlorophenol	12.61	266	1	0.00	ng/ul#	16
12) Phenanthrene	12.93	178	111	0.00	ng/ul#	1
13) Anthracene	13.03	178	20	0.00	ng/ul#	1
15) Fluoranthene	15.03	202	560	0.01	ng/ul#	1
17) Pyrene	15.64	202	19	0.00	ng/ul#	1
18) Benzo(a)anthracene	18.30	228	27	0.00	ng/ul#	1
19) Chrysene	18.37	228	31	0.00	ng/ul#	1
21) Benzo(b)fluoranthene	20.62	252	28	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	20.68	252	20	0.00	ng/ul#	1
23) Benzo(a)pyrene	21.26	252	7	0.00	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	23.56	276	94	0.00	ng/ul#	74
25) Dibenzo(a,h)anthracene	23.66	278	16	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	24.17	276	55	0.00	ng/ul#	1

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

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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 8.67 min Scan# 1557

Delta R.T. -0.00 min

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Acq: 31 Oct 2014 11:21

Instrument :

BNA_E

ClientSampleId :

SBLK87

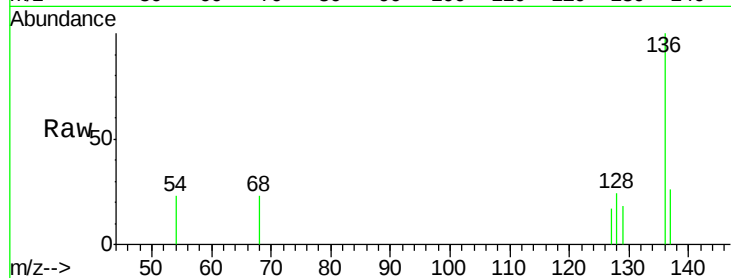
Tgt Ion:128 Resp: 36

Ion Ratio Lower Upper

128 100

129 72.7 9.0 13.4#

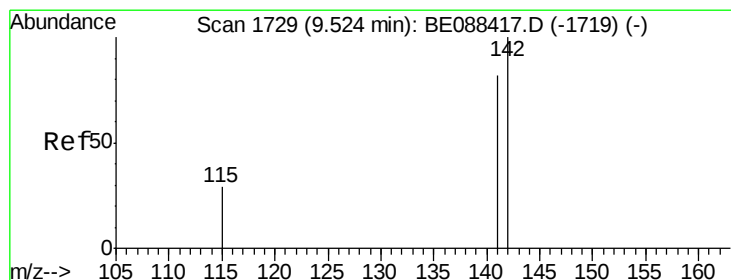
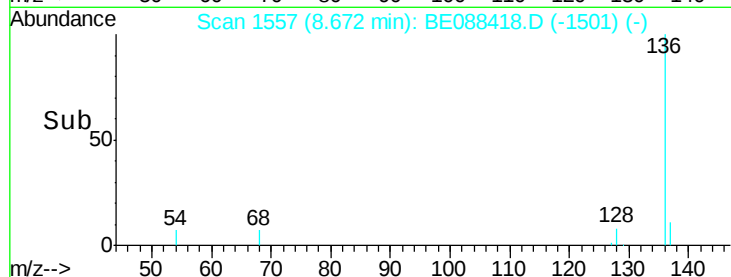
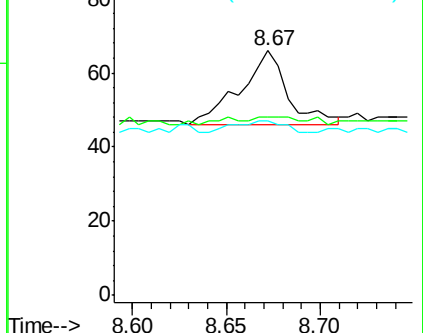
127 71.2 10.3 15.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 9.52 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BE088418.D

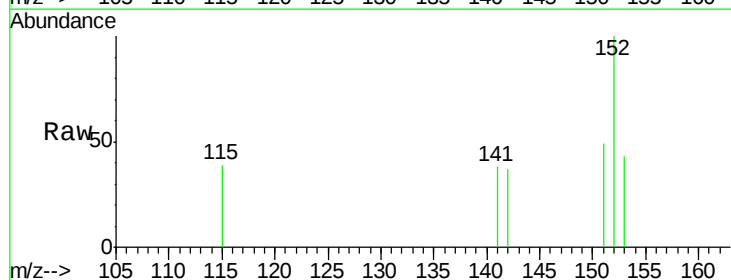
Acq: 31 Oct 2014 11:21

Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

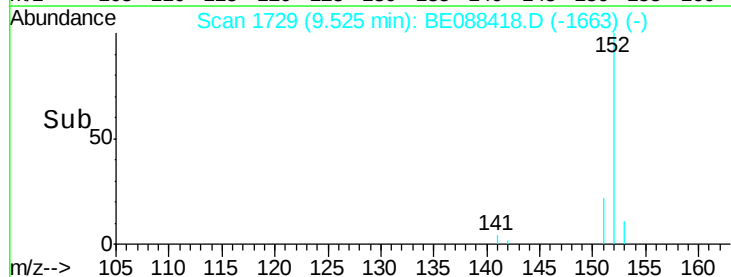
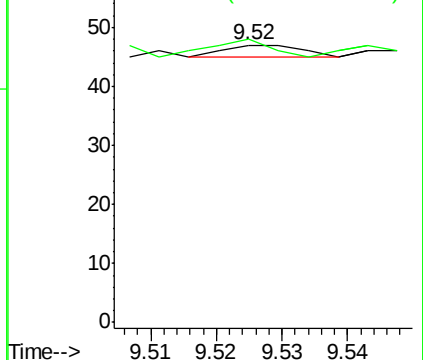
142 100

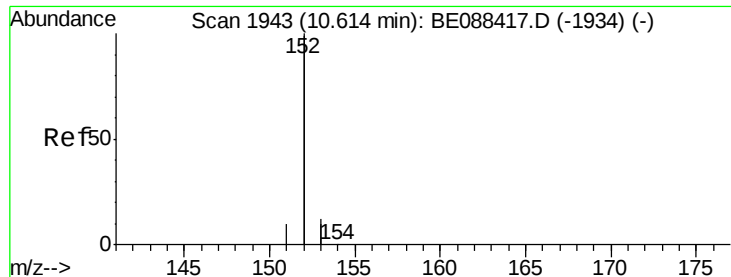
141 100.0 64.6 97.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.01 ng/ul

RT: 10.46 min Scan# 1926

Delta R.T. -0.15 min

Lab File: BE088418.D

Acq: 31 Oct 2014 11:21

Instrument :

BNA_E

ClientSampleId :

SBLK87

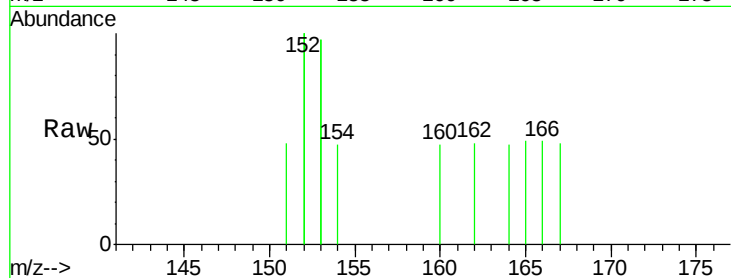
Tgt Ion:152 Resp: 909

Ion Ratio Lower Upper

152 100

151 24.2 3.6 5.4#

153 96.7 10.9 16.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

10.46

250

200

150

100

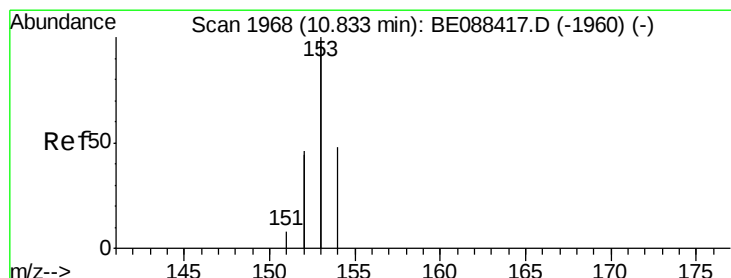
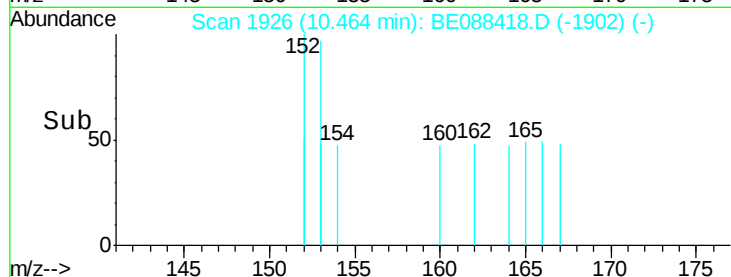
50

0

Time-->

10.40

10.50



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 10.81 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BE088418.D

Acq: 31 Oct 2014 11:21

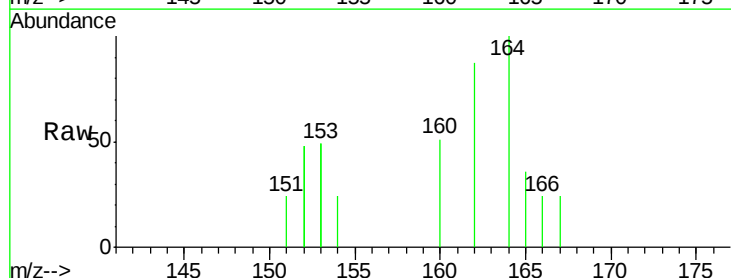
Tgt Ion:153 Resp: 15

Ion Ratio Lower Upper

153 100

152 97.8 42.7 64.1#

154 24.4 17.5 26.3



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

10.81

250

200

150

100

50

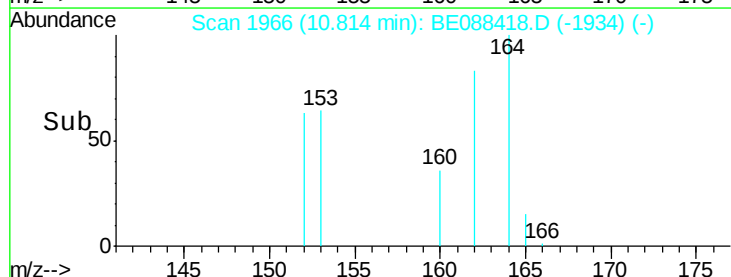
0

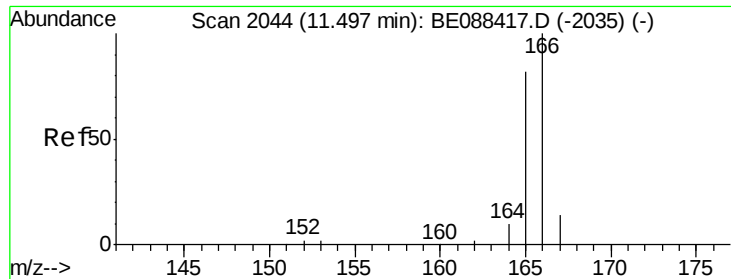
Time-->

10.80

10.85

10.90

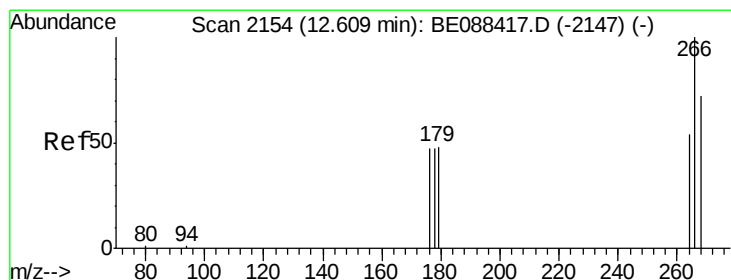
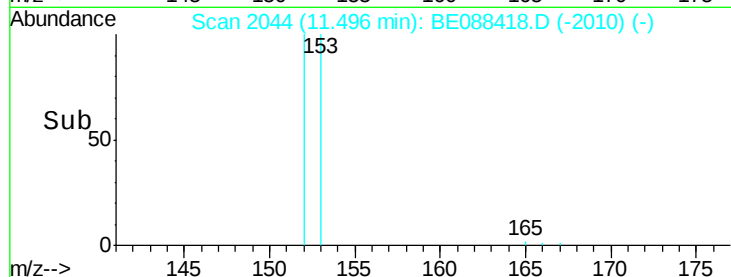
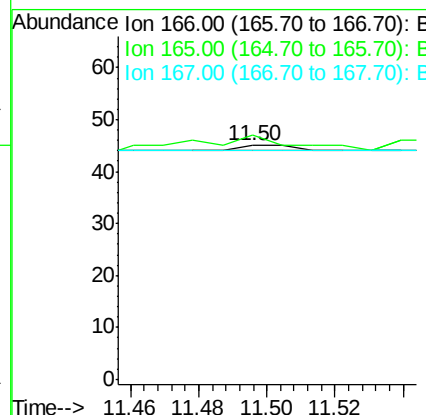
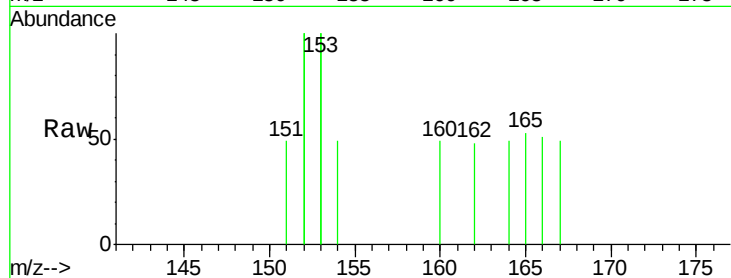




#9
Fluorene
 Concen: 0.00 ng/ul
 RT: 11.50 min Scan# 2044
 Delta R.T. -0.00 min
 Lab File: BE088418.D
 Acq: 31 Oct 2014 11:21

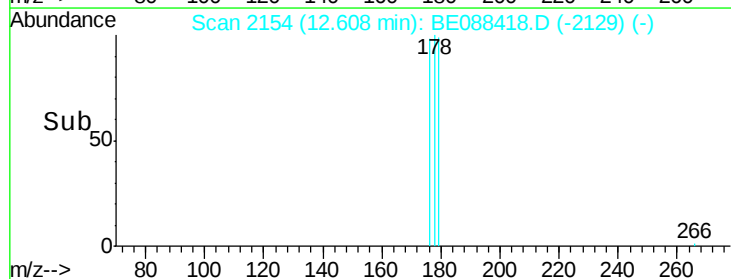
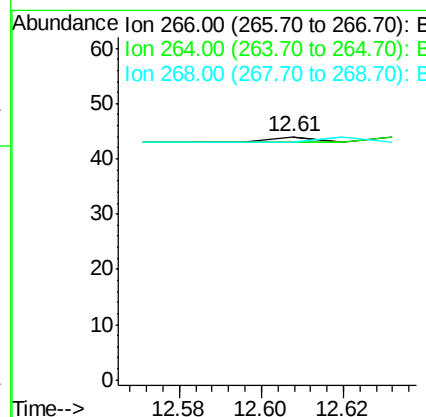
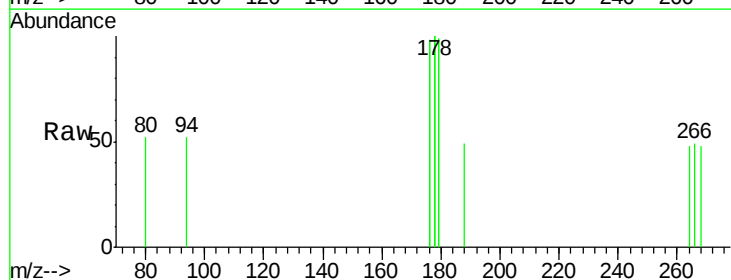
Instrument :
 BNA_E
 ClientSampleId :
 SBLK87

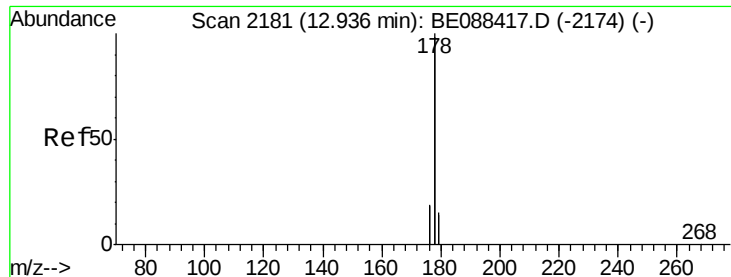
Tgt Ion:166 Resp: 1
 Ion Ratio Lower Upper
 166 100
 165 104.4 73.0 109.4
 167 97.8 10.8 16.2#



#11
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 12.61 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BE088418.D
 Acq: 31 Oct 2014 11:21

Tgt Ion:266 Resp: 1
 Ion Ratio Lower Upper
 266 100
 264 0.0 52.2 78.2#
 268 0.0 55.3 82.9#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 12.93 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BE088418.D

Acq: 31 Oct 2014 11:21

Instrument :

BNA_E

ClientSampleId :

SBLK87

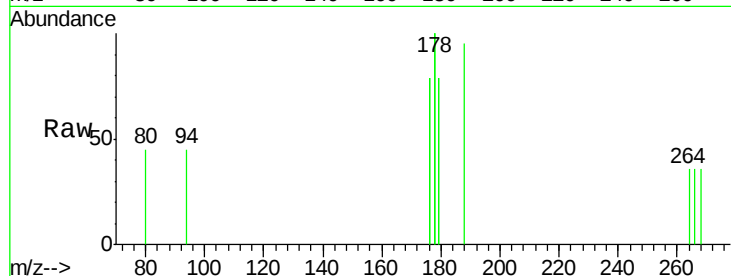
Tgt Ion:178 Resp: 111

Ion Ratio Lower Upper

178 100

176 78.8 13.9 20.9#

179 78.8 13.5 20.3#



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

12.93

250

200

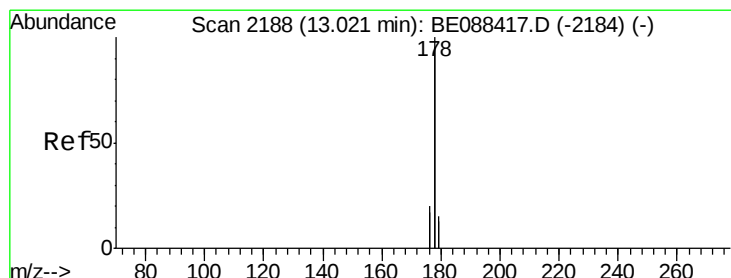
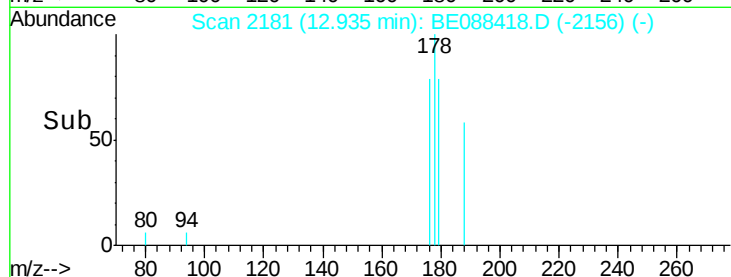
150

100

50

0

Time--> 12.80 12.90 13.00



#13

Anthracene

Concen: 0.00 ng/ul

RT: 13.03 min Scan# 2189

Delta R.T. 0.01 min

Lab File: BE088418.D

Acq: 31 Oct 2014 11:21

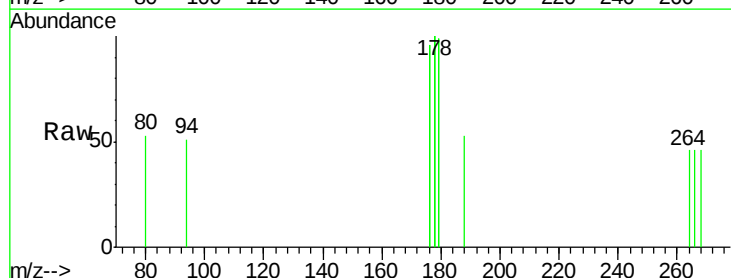
Tgt Ion:178 Resp: 20

Ion Ratio Lower Upper

178 100

176 95.7 14.1 21.1#

179 98.9 13.3 19.9#



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

13.03

250

200

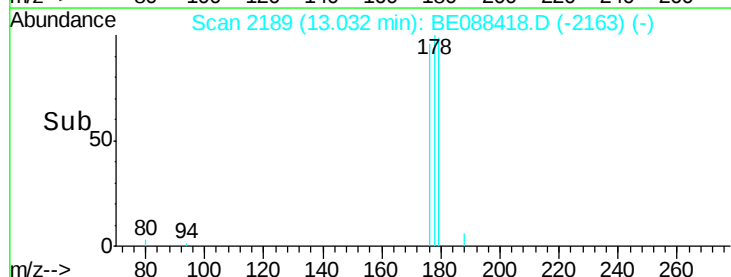
150

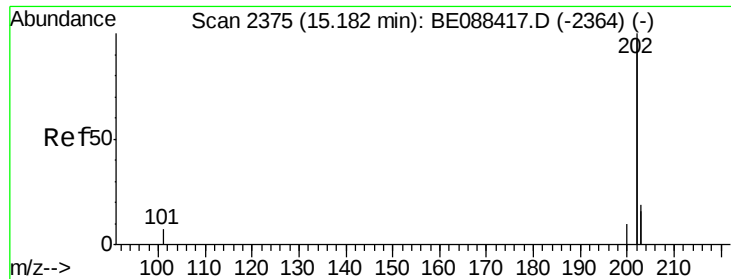
100

50

0

Time--> 13.00 13.05 13.10

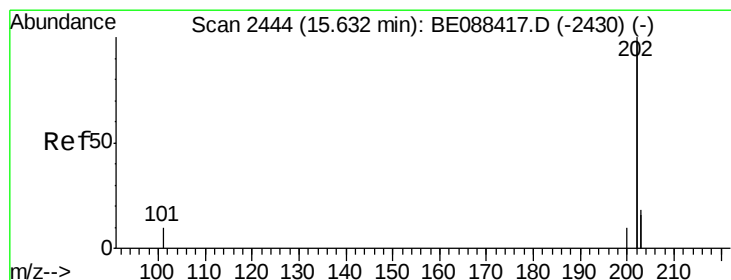
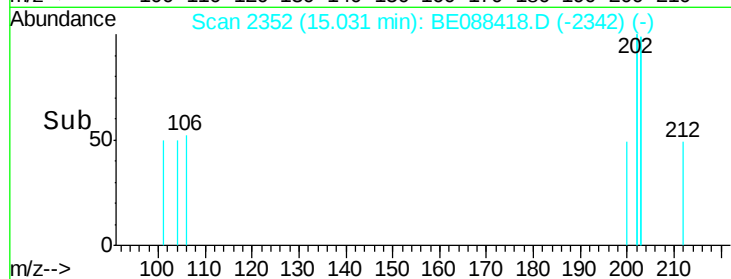
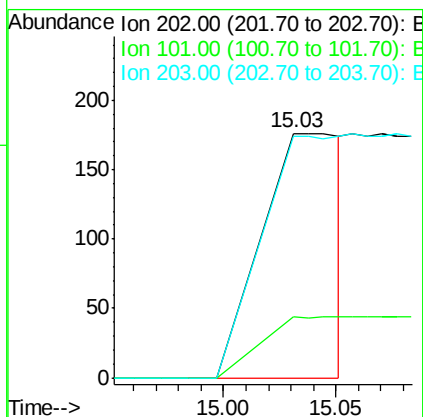
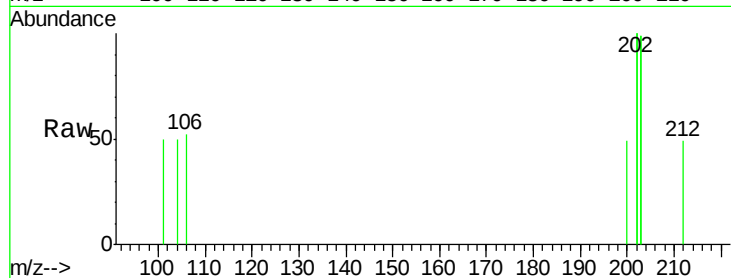




#15
 Fluoranthene
 Concen: 0.01 ng/ul
 RT: 15.03 min Scan# 2352
 Delta R.T. -0.15 min
 Lab File: BE088418.D
 Acq: 31 Oct 2014 11:21

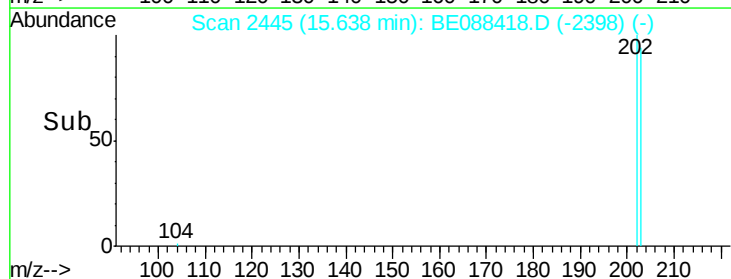
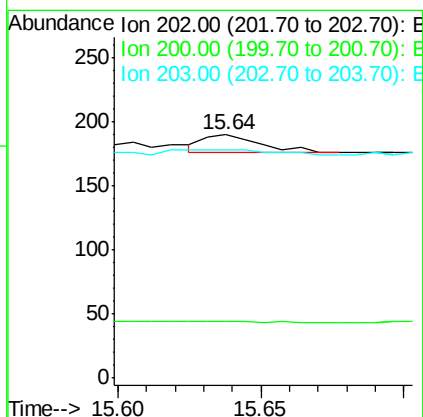
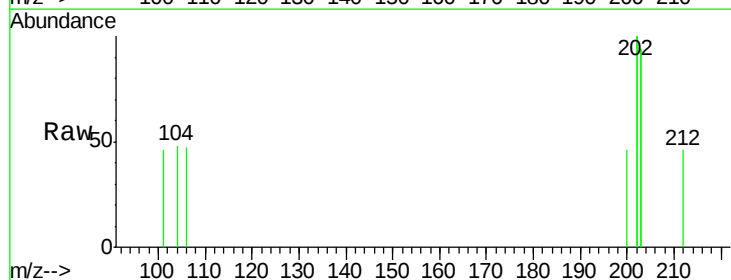
Instrument :
 BNA_E
 ClientSampleId :
 SBLK87

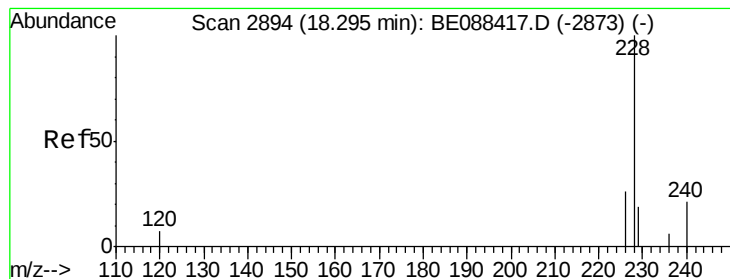
Tgt Ion: 202 Resp: 560
 Ion Ratio Lower Upper
 202 100
 101 25.0 0.0 24.3#
 203 98.9 0.0 38.7#



#17
 Pyrene
 Concen: 0.00 ng/ul
 RT: 15.64 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BE088418.D
 Acq: 31 Oct 2014 11:21

Tgt Ion: 202 Resp: 19
 Ion Ratio Lower Upper
 202 100
 200 23.2 4.3 6.5#
 203 93.7 14.4 21.6#





#18

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 18.30 min Scan# 2897

Delta R.T. 0.01 min

Lab File: BE088418.D

Acq: 31 Oct 2014 11:21

Instrument :

BNA_E

ClientSampleId :

SBLK87

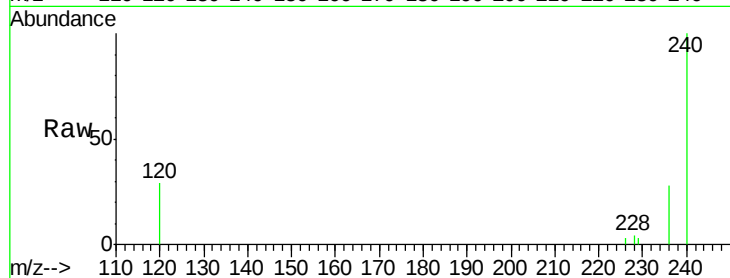
Tgt Ion:228 Resp: 27

Ion Ratio Lower Upper

228 100

226 81.8 21.1 31.7#

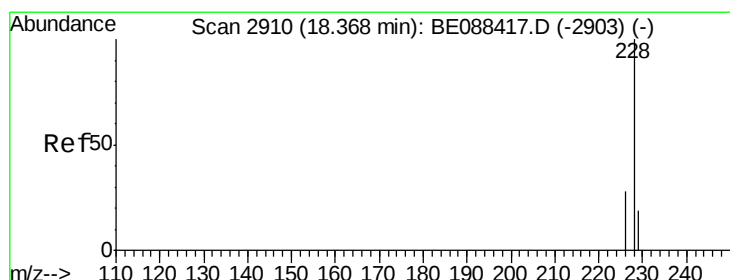
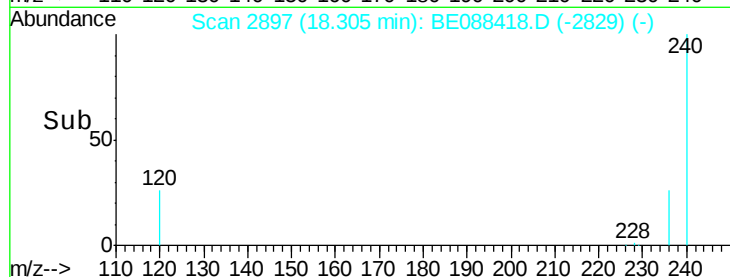
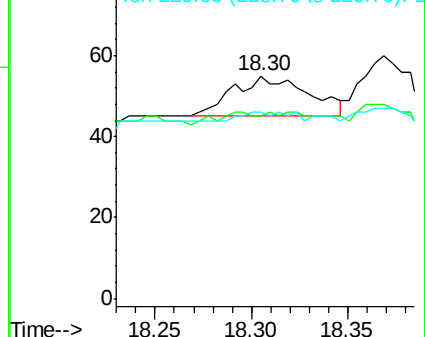
229 83.6 17.0 25.4#



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



#19

Chrysene

Concen: 0.00 ng/ul

RT: 18.37 min Scan# 2911

Delta R.T. 0.00 min

Lab File: BE088418.D

Acq: 31 Oct 2014 11:21

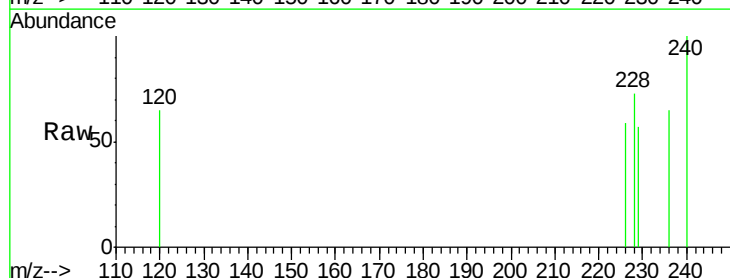
Tgt Ion:228 Resp: 31

Ion Ratio Lower Upper

228 100

226 80.0 23.1 34.7#

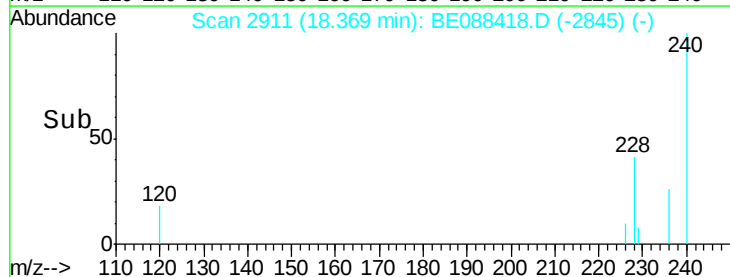
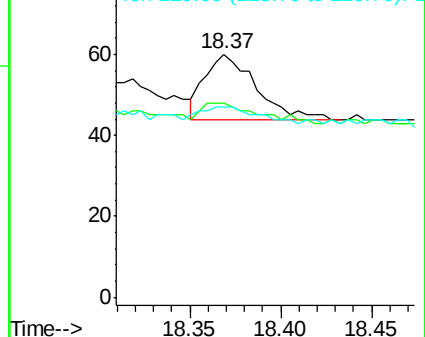
229 78.3 16.6 25.0#

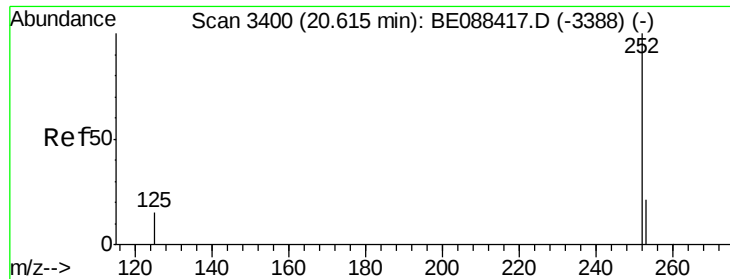


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 20.62 min Scan# 3401

Delta R.T. 0.00 min

Lab File: BE088418.D

Acq: 31 Oct 2014 11:21

Instrument :

BNA_E

ClientSampleId :

SBLK87

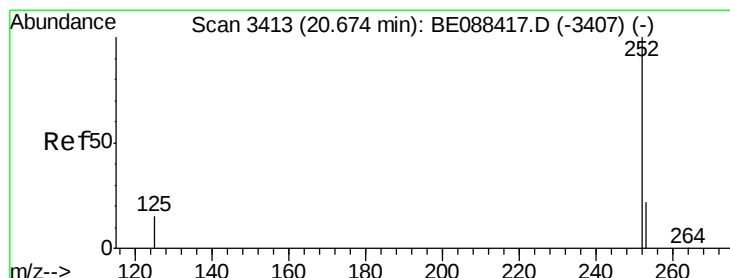
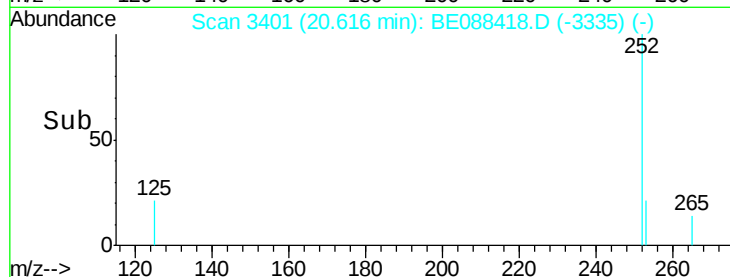
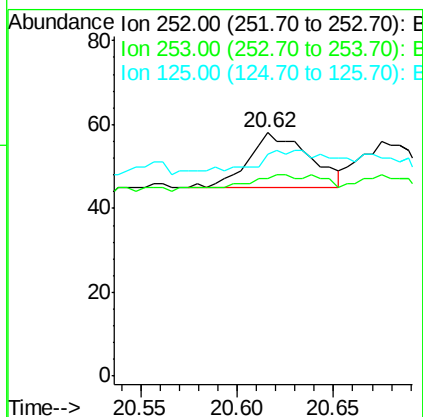
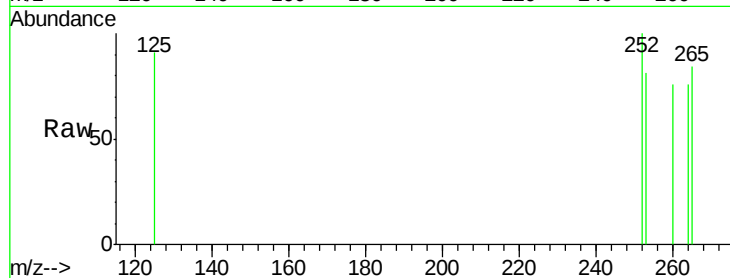
Tgt Ion:252 Resp: 28

Ion Ratio Lower Upper

252 100

253 81.0 0.0 48.2#

125 91.4 0.0 36.0#



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 20.68 min Scan# 3414

Delta R.T. 0.00 min

Lab File: BE088418.D

Acq: 31 Oct 2014 11:21

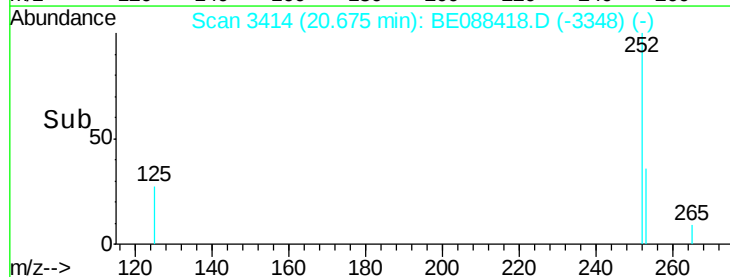
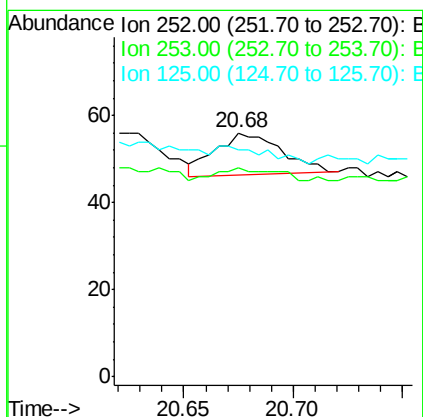
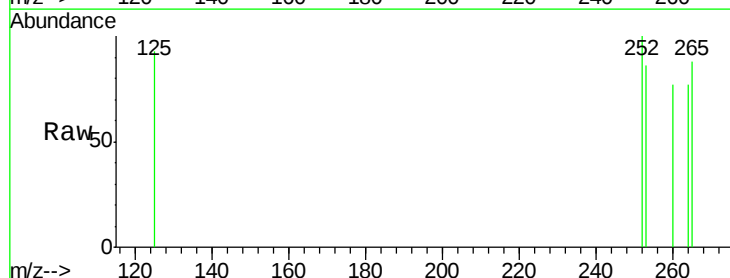
Tgt Ion:252 Resp: 20

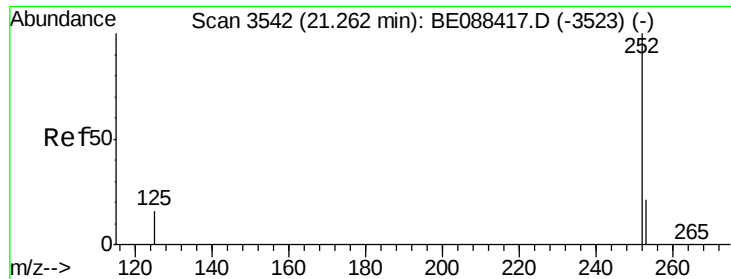
Ion Ratio Lower Upper

252 100

253 85.7 18.8 28.2#

125 92.9 14.3 21.5#





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 21.26 min Scan# 3542

Delta R.T. -0.00 min

Lab File: BE088418.D

Acq: 31 Oct 2014 11:21

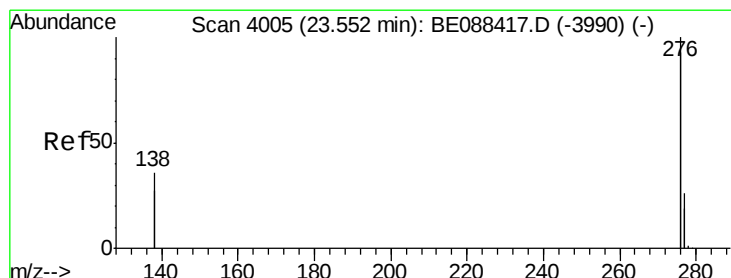
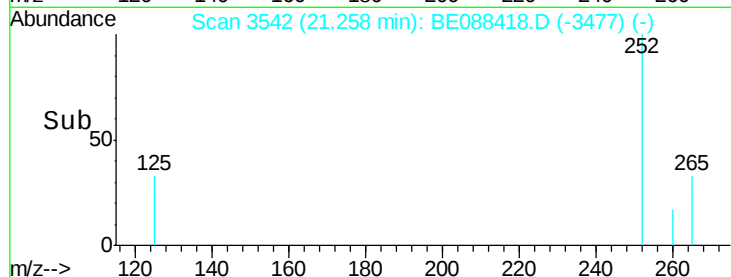
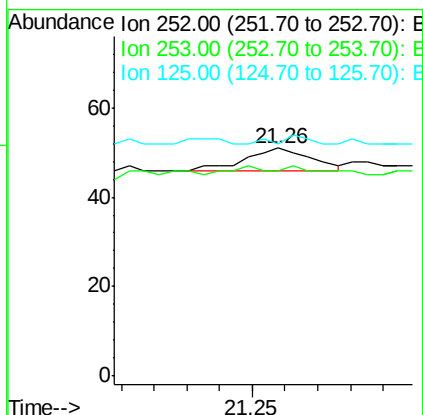
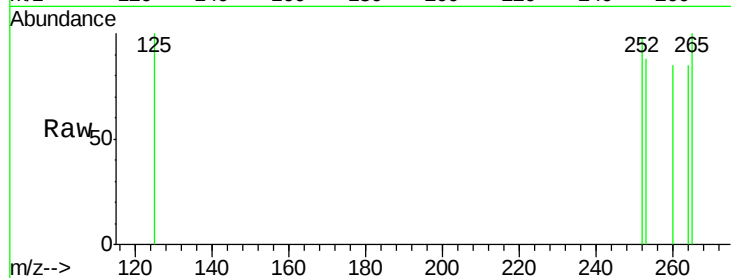
Instrument :

BNA_E

ClientSampleId :

SBLK87

Tgt Ion:	252	Resp:	7
Ion	Ratio	Lower	Upper
252	100		
253	90.2	19.0	28.4#
125	102.0	16.0	24.0#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

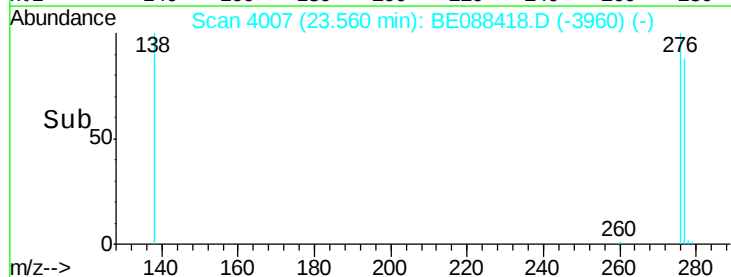
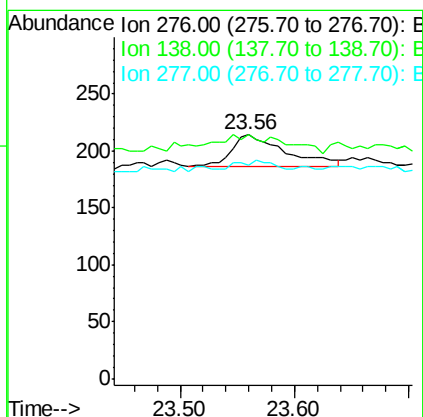
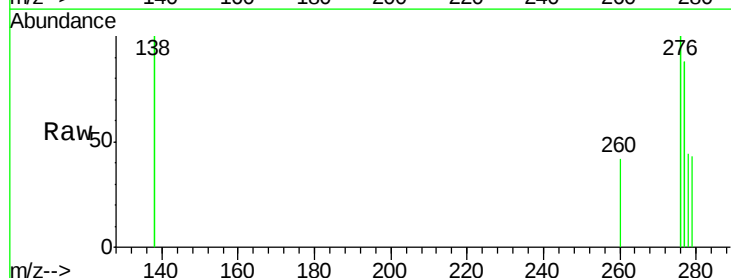
RT: 23.56 min Scan# 4007

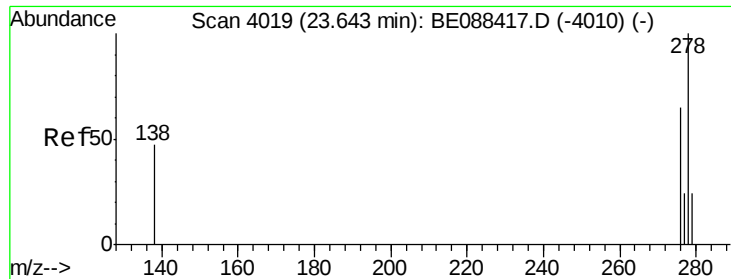
Delta R.T. 0.01 min

Lab File: BE088418.D

Acq: 31 Oct 2014 11:21

Tgt Ion:	276	Resp:	94
Ion	Ratio	Lower	Upper
276	100		
138	21.3	25.4	38.0#
277	6.4	18.6	28.0#



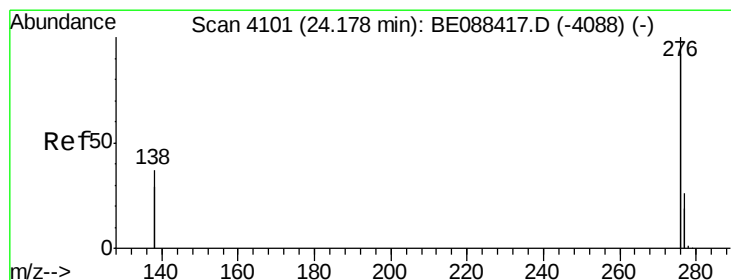
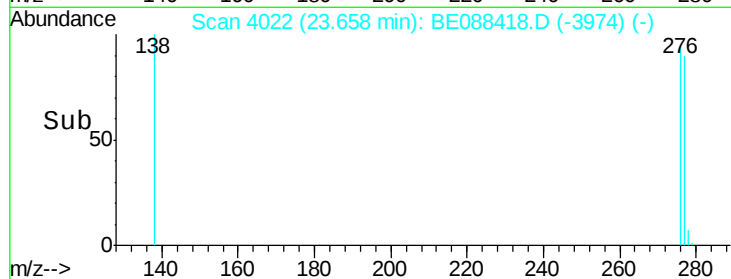
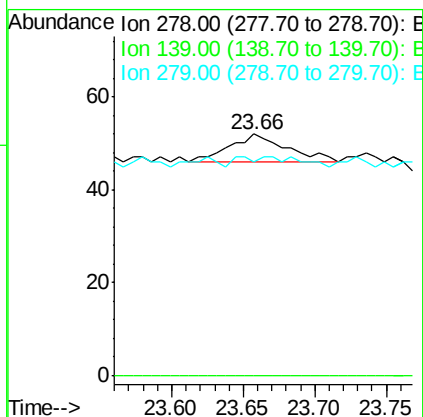
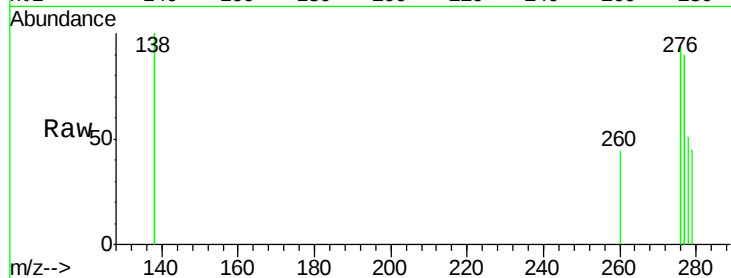


#25
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 23.66 min Scan# 4022
Delta R.T. 0.01 min
Lab File: BE088418.D
Acq: 31 Oct 2014 11:21

Instrument :
BNA_E
ClientSampleId :
SBLK87

Tgt Ion: 278 Resp: 16

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	88.5	22.2	33.2#



#26
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 24.17 min Scan# 4101
Delta R.T. -0.01 min
Lab File: BE088418.D
Acq: 31 Oct 2014 11:21

Tgt Ion: 276 Resp: 55

Ion	Ratio	Lower	Upper
276	100		
277	86.6	21.4	32.2#
138	97.3	31.9	47.9#

