

Data Path : Z:\HPCHEM1\BNA E\DATA\BE073015\
 Data File : BE090300.D
 Acq On : 30 Jul 2015 17:03
 Operator : TP/IZ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.452

Quant Time: Jul 31 06:13:10 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 06:10:41 2015
 Response via : Initial Calibration

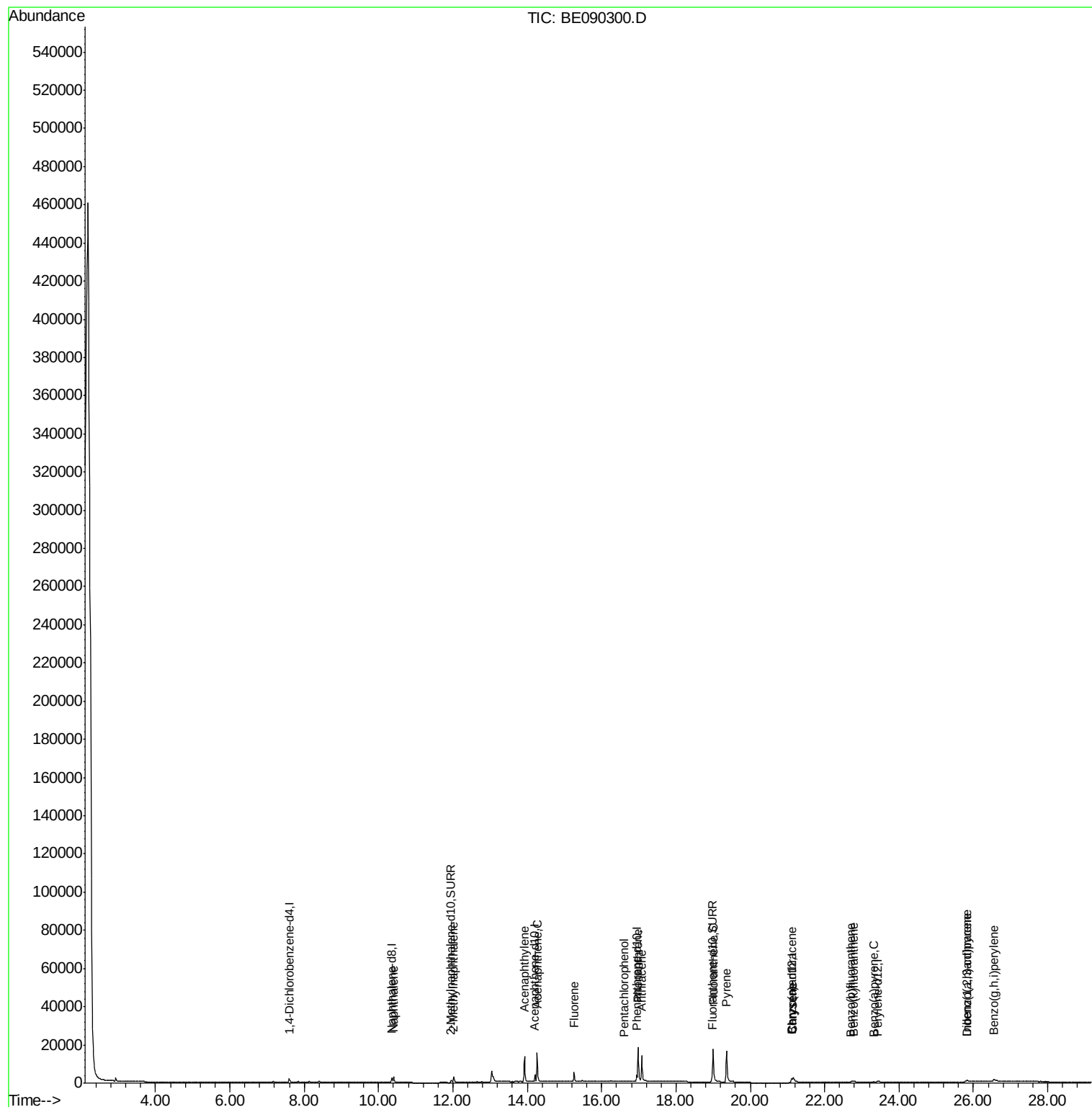
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1053	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	4465	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2421	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5380	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	3596	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	2031	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2714	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	5836	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	4573	0.39	ng/ul	98
5) 2-Methylnaphthalene	12.02	142	3039	0.40	ng/ul	99
7) Acenaphthylene	13.92	152	20714	0.41	ng/ul	100
8) Acenaphthene	14.26	153	14742	0.40	ng/ul	99
9) Fluorene	15.26	166	3879	0.39	ng/ul	99
11) Pentachlorophenol	16.61	266	109	0.32	ng/ul#	79
12) Phenanthrene	16.98	178	23324	0.40	ng/ul	99
13) Anthracene	17.07	178	23457	0.40	ng/ul	99
15) Fluoranthene	19.00	202	26196	0.39	ng/ul	98
17) Pyrene	19.36	202	26923	0.40	ng/ul	99
18) Benzo(a)anthracene	21.10	228	1787	0.33	ng/ul	98
19) Chrysene	21.15	228	5564	0.36	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	865	0.28	ng/ul	95
22) Benzo(k)fluoranthene	22.77	252	2779	0.29	ng/ul	94
23) Benzo(a)pyrene	23.32	252	1354	0.33	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.82	276	3635	0.28	ng/ul	96
25) Dibenzo(a,h)anthracene	25.84	278	495	0.32	ng/ul	91
26) Benzo(g,h,i)perylene	26.55	276	5273	0.29	ng/ul#	89

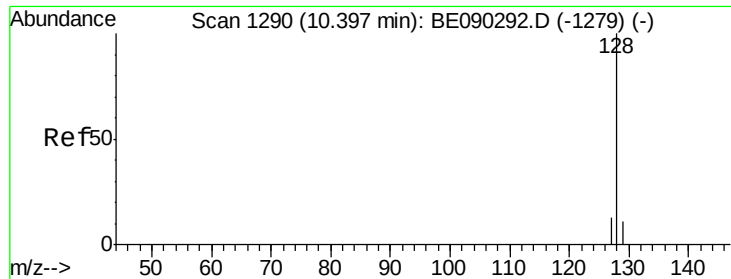
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.39 ng/ul

RT: 10.41 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BE090300.D

Acq: 30 Jul 2015 17:03

Instrument :

BNA_E

ClientSampleId :

SSTD0.452

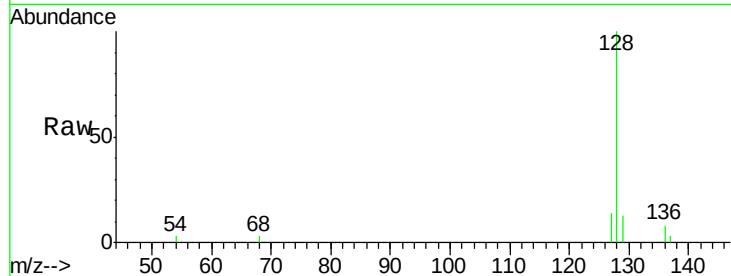
Tot Ion:128 Resp: 4573

Ion Ratio Lower Upper

128 100

129 12.6 10.4 15.6

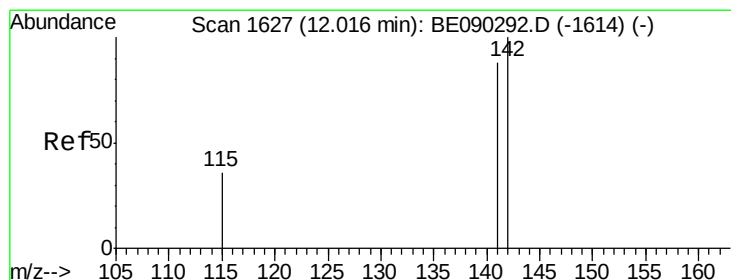
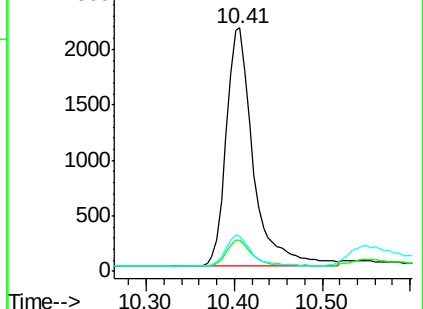
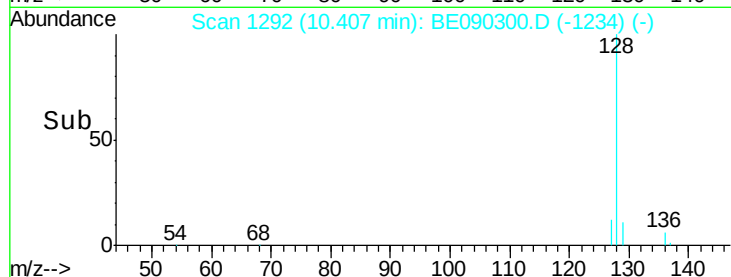
127 14.2 12.1 18.1



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: 0.40 ng/ul

RT: 12.02 min Scan# 1628

Delta R.T. 0.01 min

Lab File: BE090300.D

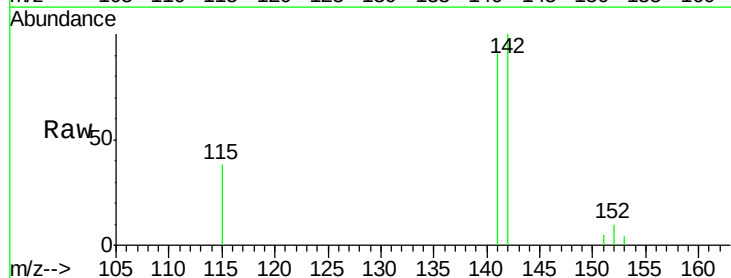
Acq: 30 Jul 2015 17:03

Tgt Ion:142 Resp: 3039

Ion Ratio Lower Upper

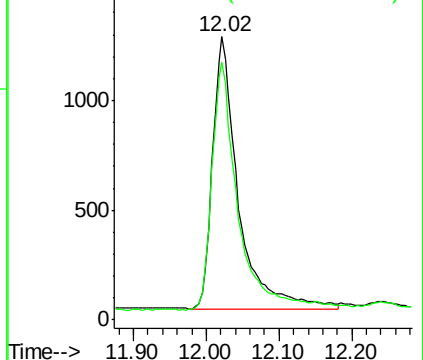
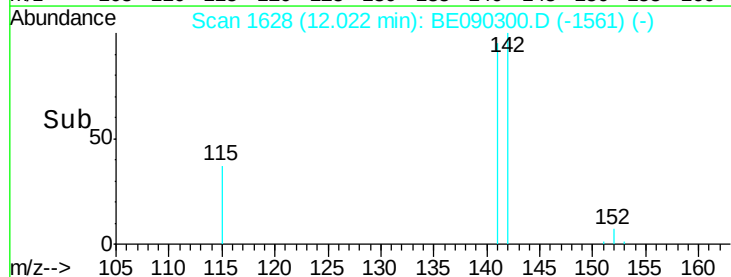
142 100

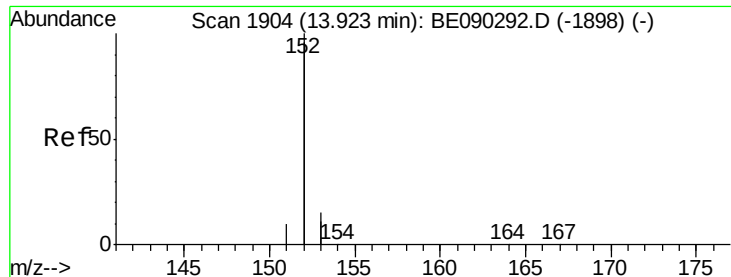
141 90.2 73.0 109.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.41 ng/ul

RT: 13.92 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BE090300.D

Acq: 30 Jul 2015 17:03

Instrument :

BNA_E

ClientSampleId :

SSTD0.452

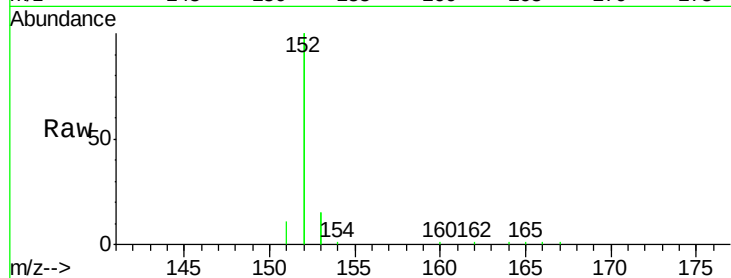
Tot Ion:152 Resp: 20714

Ion Ratio Lower Upper

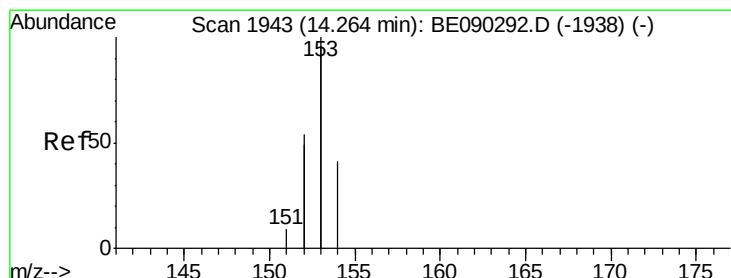
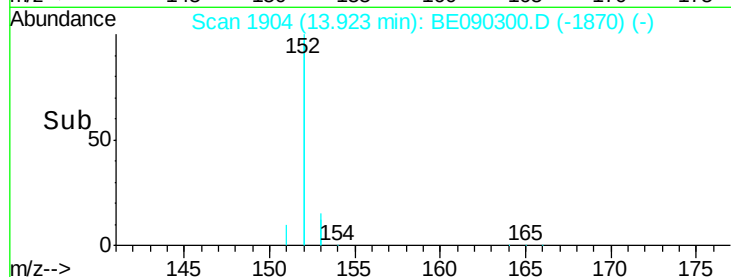
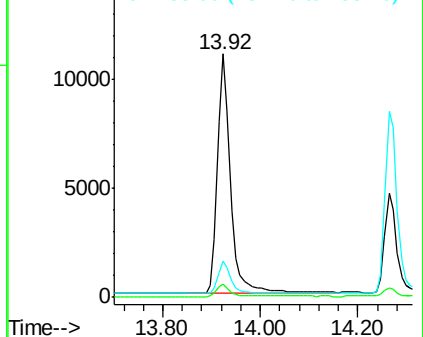
152 100

151 5.4 4.3 6.5

153 15.1 11.9 17.9



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



#8

Acenaphthene

Concen: 0.40 ng/ul

RT: 14.26 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BE090300.D

Acq: 30 Jul 2015 17:03

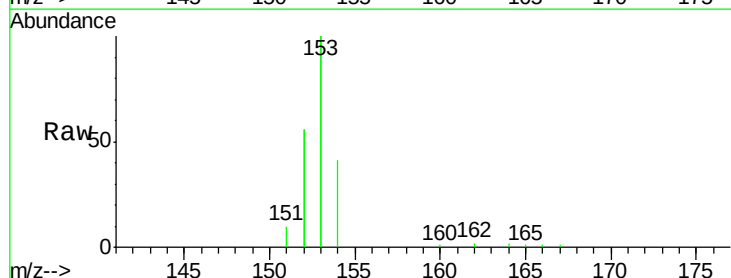
Tgt Ion:153 Resp: 14742

Ion Ratio Lower Upper

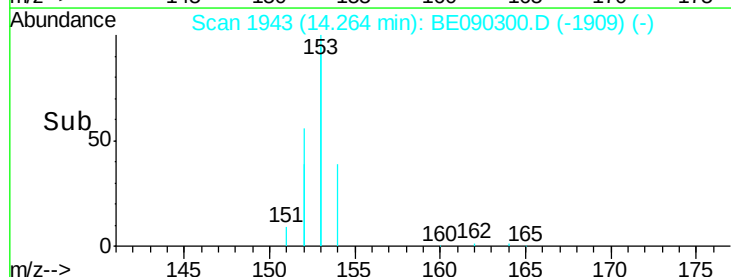
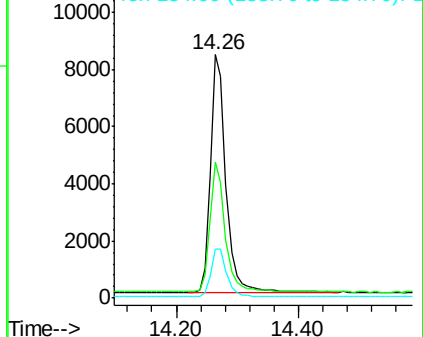
153 100

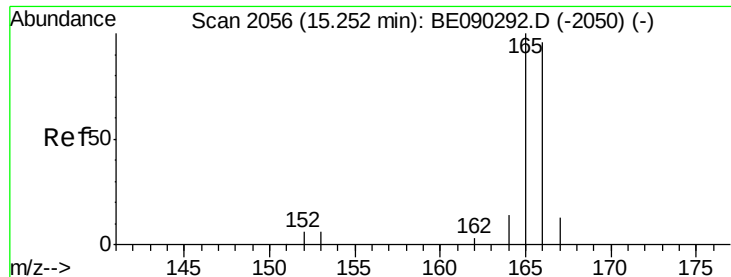
152 56.1 45.7 68.5

154 20.3 16.4 24.6



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





#9

Fluorene

Concen: 0.39 ng/ul

RT: 15.26 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BE090300.D

Acq: 30 Jul 2015 17:03

Instrument :

BNA_E

ClientSampleId :

SSTD0.452

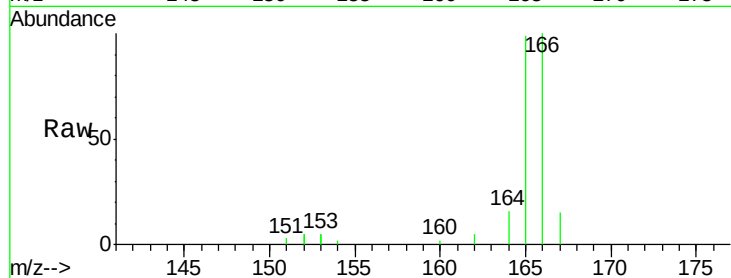
Tot Ion:166 Resp: 3879

Ion Ratio Lower Upper

166 100

165 99.4 80.3 120.5

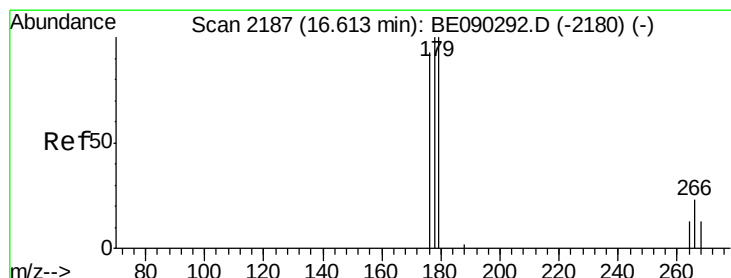
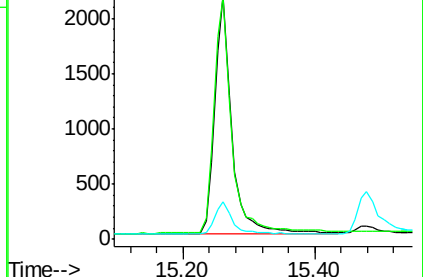
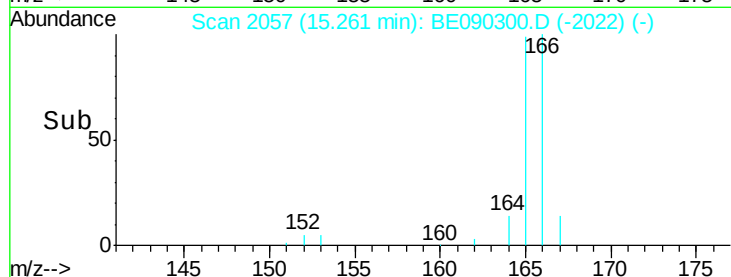
167 15.4 12.4 18.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.32 ng/ul

RT: 16.61 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BE090300.D

Acq: 30 Jul 2015 17:03

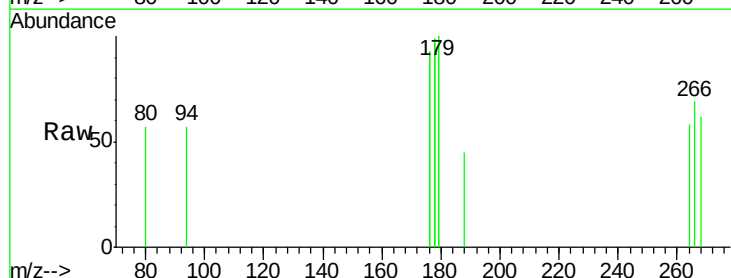
Tgt Ion:266 Resp: 109

Ion Ratio Lower Upper

266 100

264 73.4 43.4 65.0#

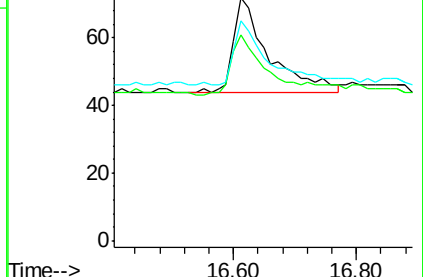
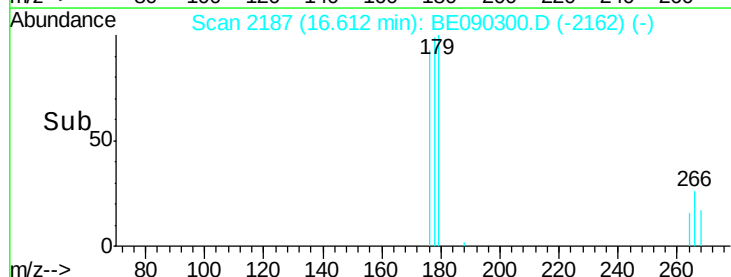
268 67.0 44.6 66.8#

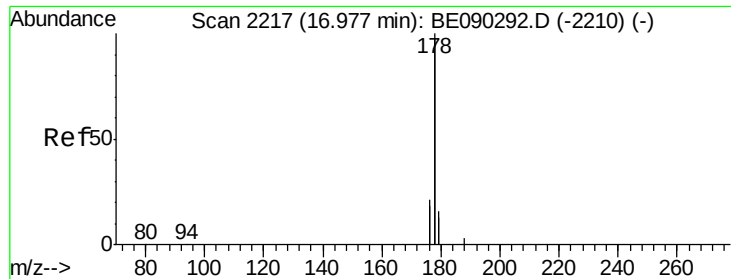


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.40 ng/ul

RT: 16.98 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BE090300.D

Acq: 30 Jul 2015 17:03

Instrument :

BNA_E

ClientSampleId :

SSTD0.452

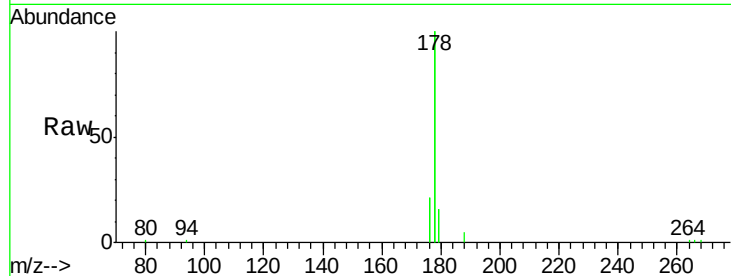
Tot Ion:178 Resp: 23324

Ion Ratio Lower Upper

178 100

176 21.0 17.3 25.9

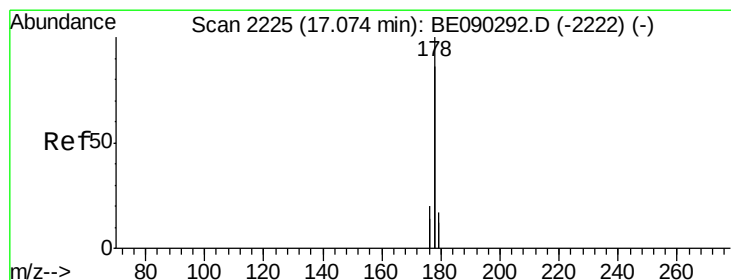
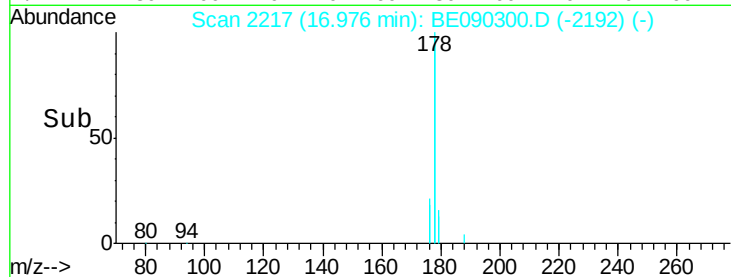
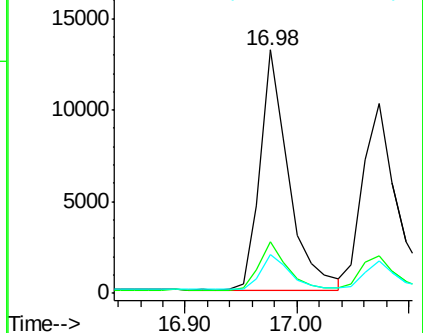
179 16.1 13.1 19.7



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: 0.40 ng/ul

RT: 17.07 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BE090300.D

Acq: 30 Jul 2015 17:03

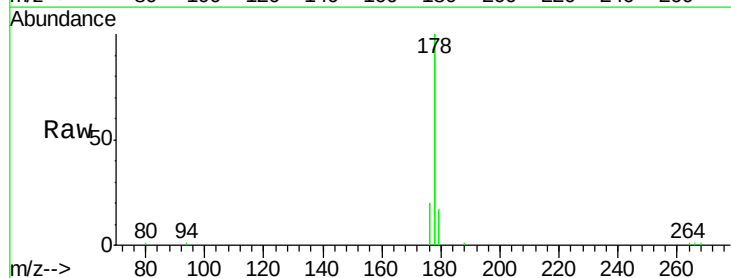
Tgt Ion:178 Resp: 23457

Ion Ratio Lower Upper

178 100

176 20.0 16.4 24.6

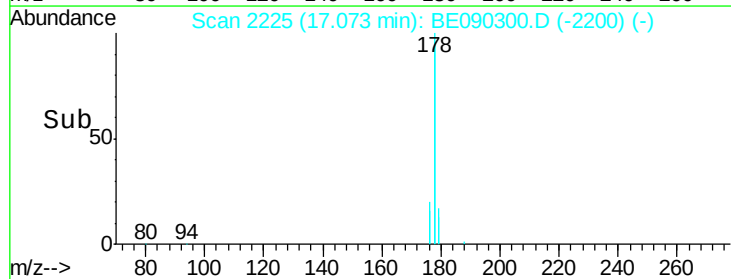
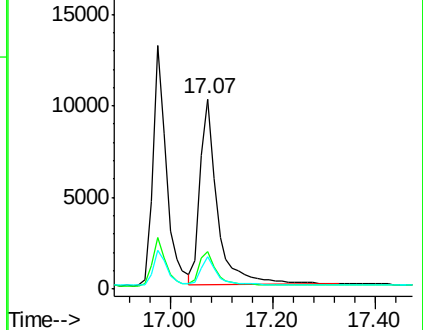
179 17.1 13.9 20.9

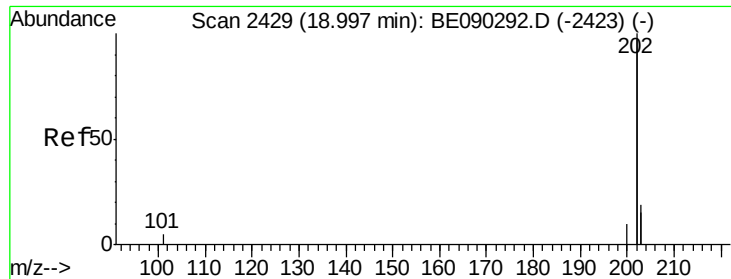


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

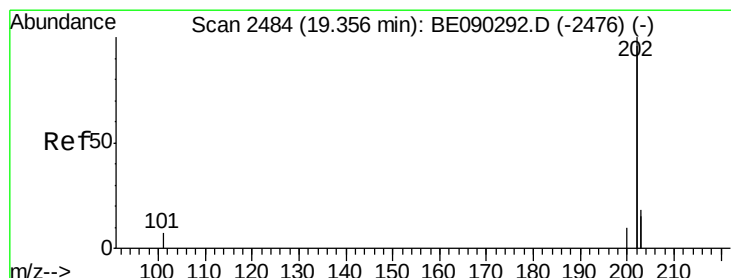
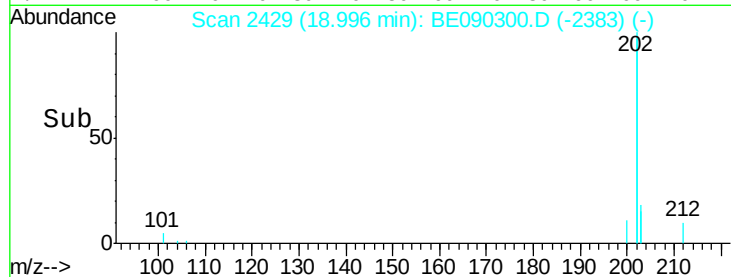
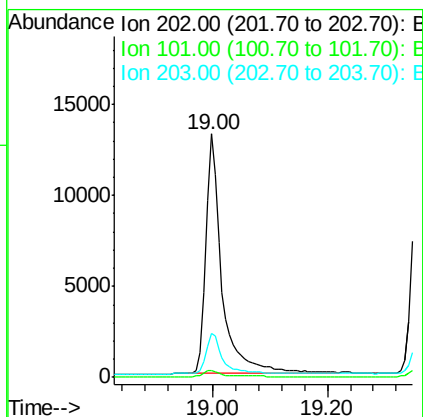
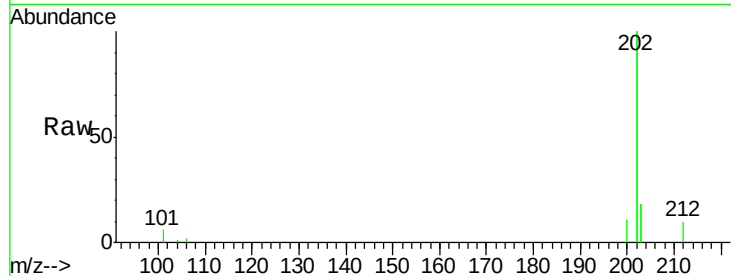




#15
Fluoranthene
 Concen: 0.39 ng/ul
 RT: 19.00 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BE090300.D
 Acq: 30 Jul 2015 17:03

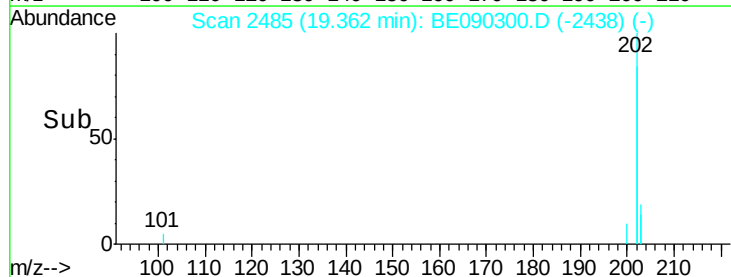
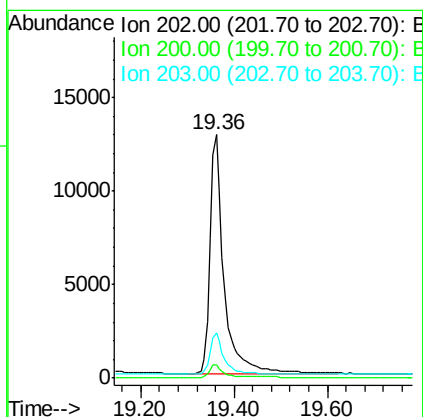
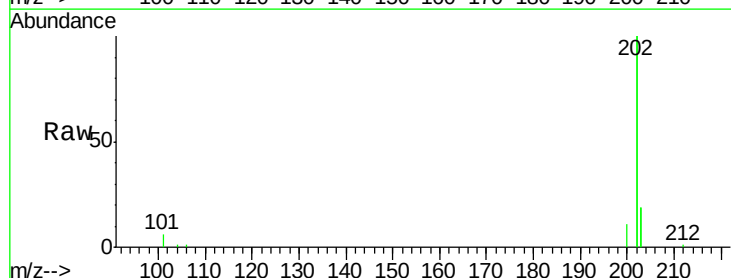
Instrument :
 BNA_E
 ClientSampleId :
 SST0.452

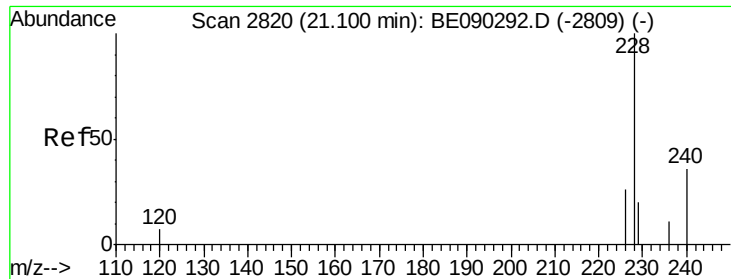
Tot Ion:202 Resp: 26196
 Ion Ratio Lower Upper
 202 100
 101 3.0 0.0 22.9
 203 18.2 0.0 39.0



#17
Pyrene
 Concen: 0.40 ng/ul
 RT: 19.36 min Scan# 2485
 Delta R.T. 0.01 min
 Lab File: BE090300.D
 Acq: 30 Jul 2015 17:03

Tgt Ion:202 Resp: 26923
 Ion Ratio Lower Upper
 202 100
 200 5.6 4.5 6.7
 203 18.8 14.4 21.6

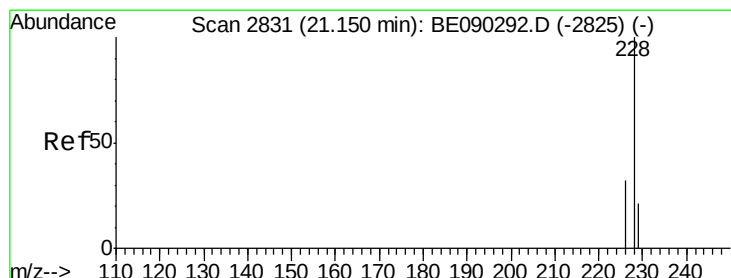
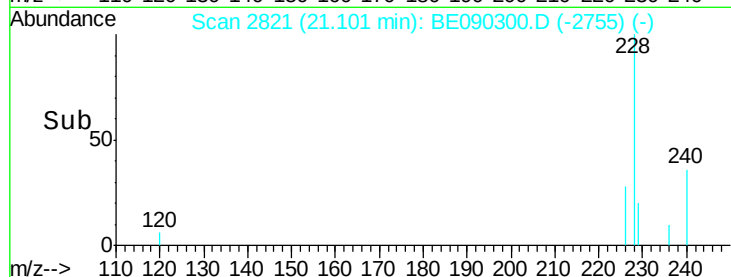
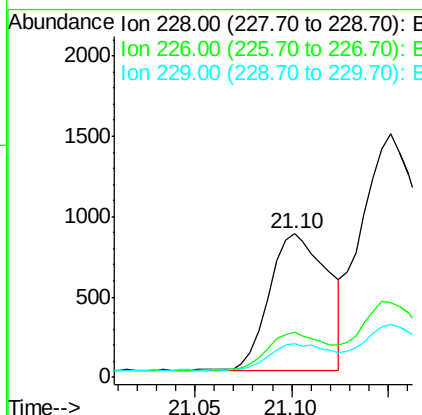
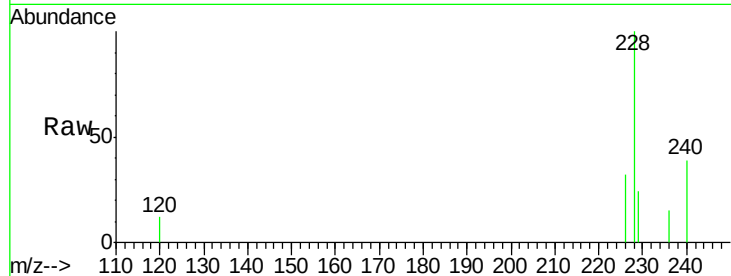




#18
Benzo(a)anthracene
Concen: 0.33 ng/ul
RT: 21.10 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BE090300.D
Acq: 30 Jul 2015 17:03

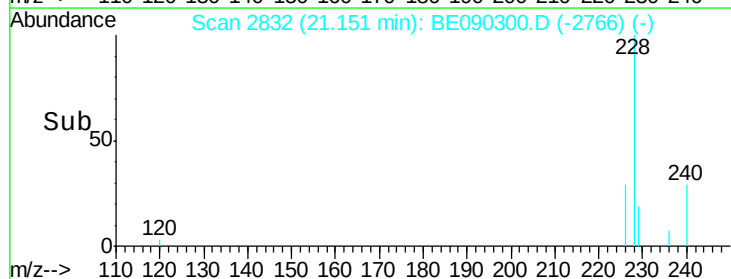
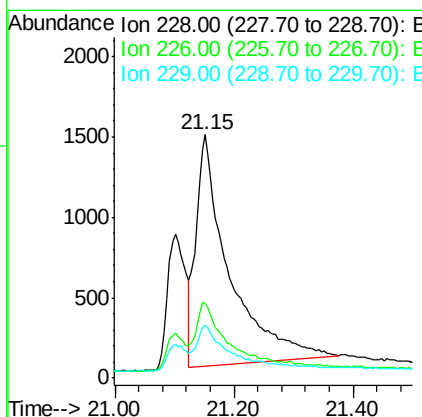
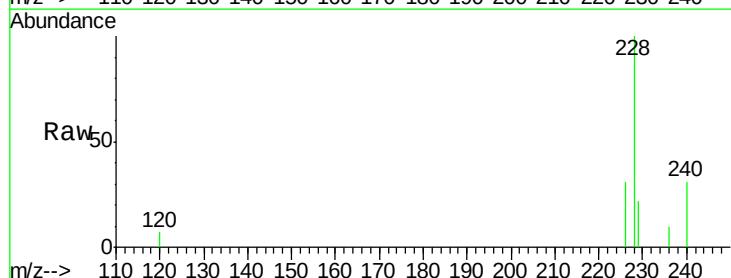
Instrument :
BNA_E
ClientSampleId :
SSTD0.452

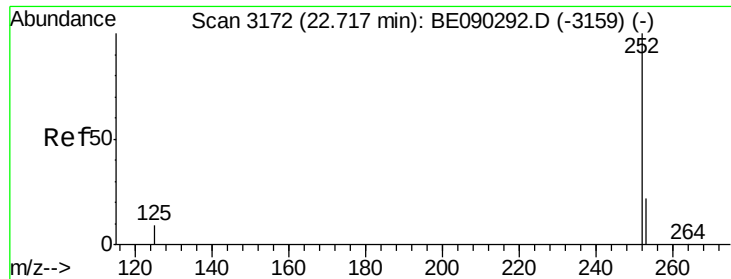
Tot Ion:228 Resp: 1787
Ion Ratio Lower Upper
228 100
226 31.7 24.6 36.8
229 24.0 17.9 26.9



#19
Chrysene
Concen: 0.36 ng/ul
RT: 21.15 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE090300.D
Acq: 30 Jul 2015 17:03

Tgt Ion:228 Resp: 5564
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.4
229 21.8 16.6 24.8





#21

Benzo(b)fluoranthene

Concen: 0.28 ng/ul

RT: 22.72 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BE090300.D

Acq: 30 Jul 2015 17:03

Instrument :

BNA_E

ClientSampleId :

SSTD0.452

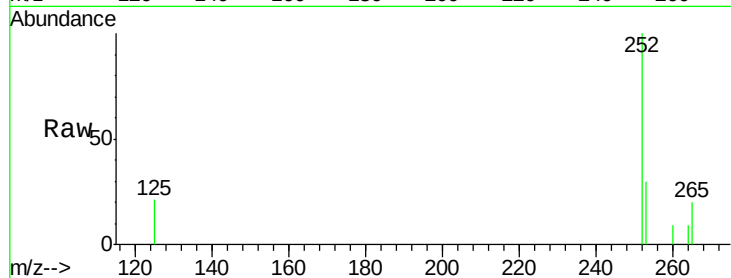
Tot Ion:252 Resp: 865

Ion Ratio Lower Upper

252 100

253 29.6 0.0 57.2

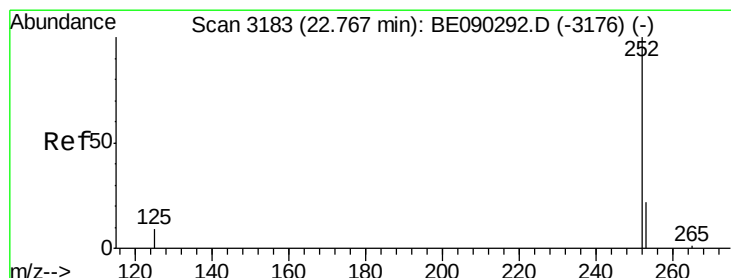
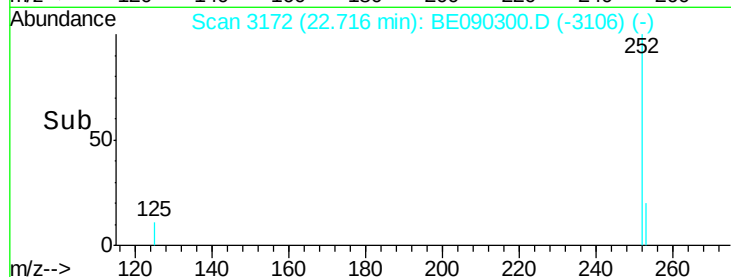
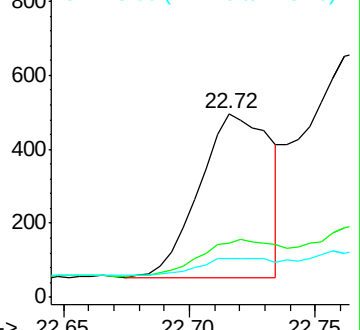
125 21.3 0.0 34.6



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



#22

Benzo(k)fluoranthene

Concen: 0.29 ng/ul

RT: 22.77 min Scan# 3183

Delta R.T. -0.00 min

Lab File: BE090300.D

Acq: 30 Jul 2015 17:03

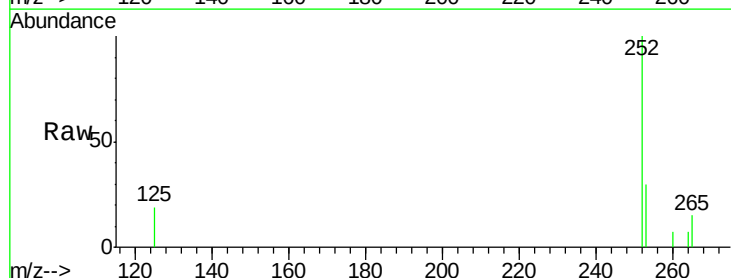
Tgt Ion:252 Resp: 2779

Ion Ratio Lower Upper

252 100

253 29.9 21.3 31.9

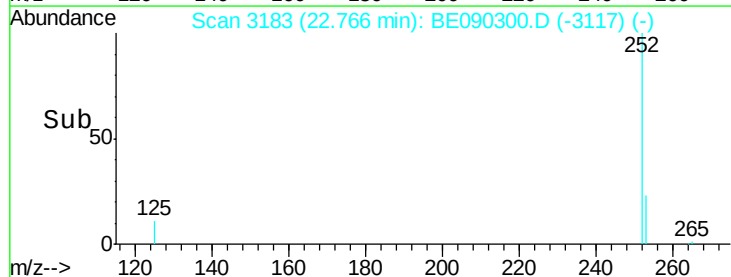
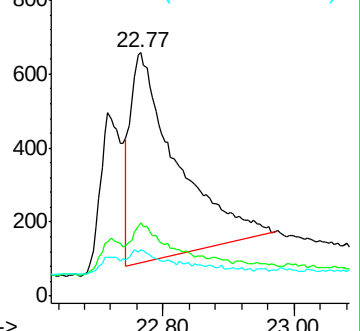
125 19.3 13.3 19.9

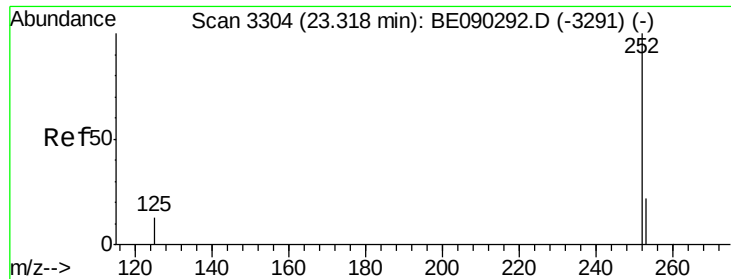


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.33 ng/ul

RT: 23.32 min Scan# 3305

Delta R.T. 0.00 min

Lab File: BE090300.D

Acq: 30 Jul 2015 17:03

Instrument :

BNA_E

ClientSampleId :

SSTD0.452

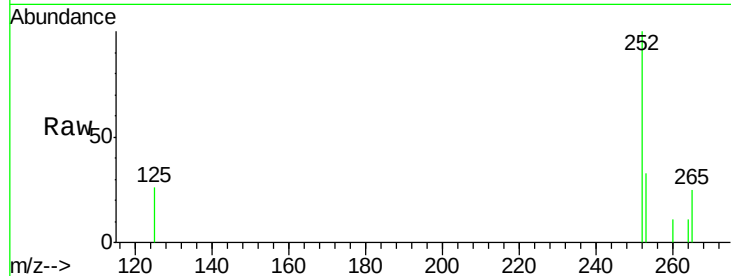
Tot Ion:252 Resp: 1354

Ion Ratio Lower Upper

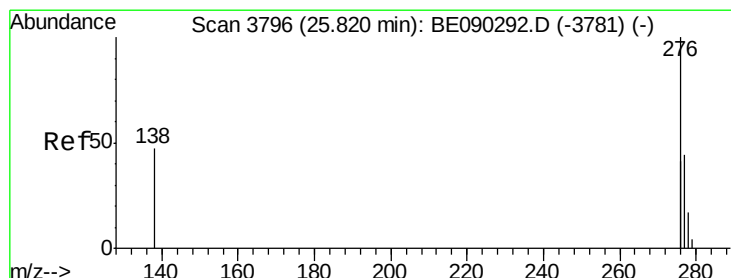
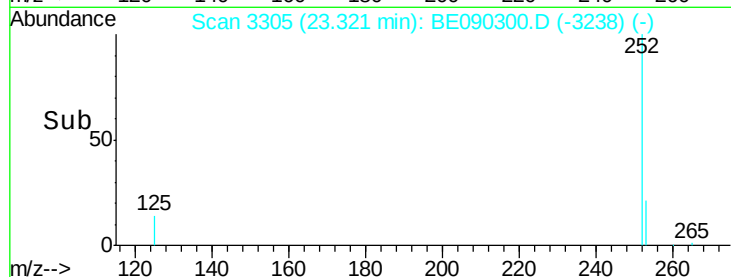
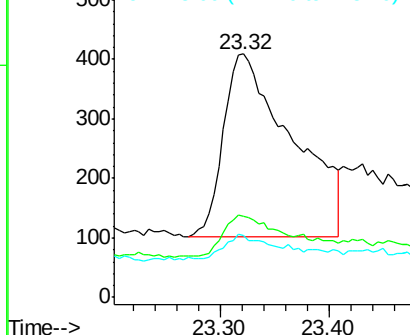
252 100

253 33.5 24.9 37.3

125 25.7 17.5 26.3



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.28 ng/ul

RT: 25.82 min Scan# 3796

Delta R.T. -0.00 min

Lab File: BE090300.D

Acq: 30 Jul 2015 17:03

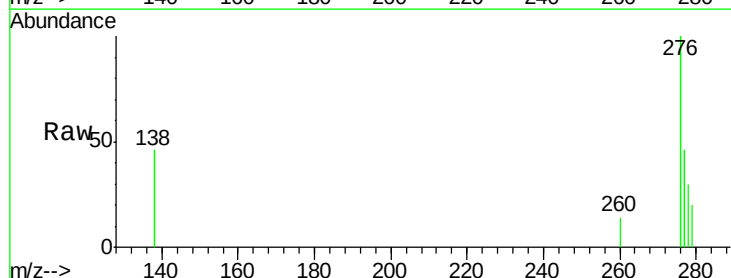
Tgt Ion:276 Resp: 3635

Ion Ratio Lower Upper

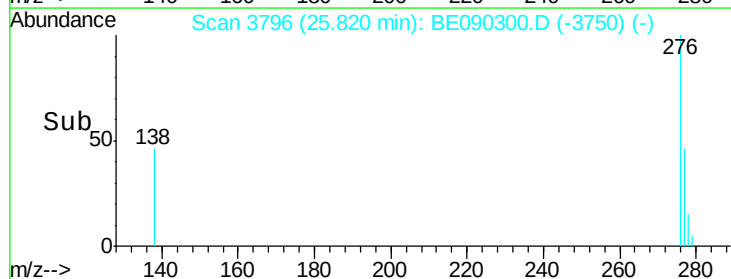
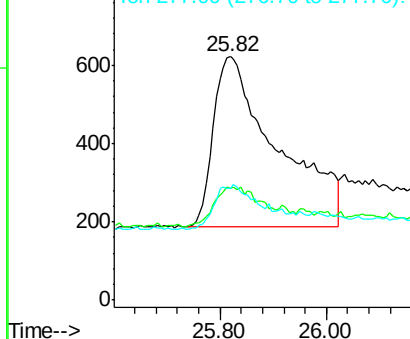
276 100

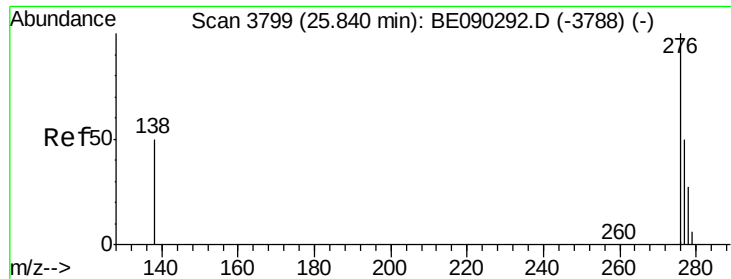
138 16.5 13.5 20.3

277 17.7 16.4 24.6



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

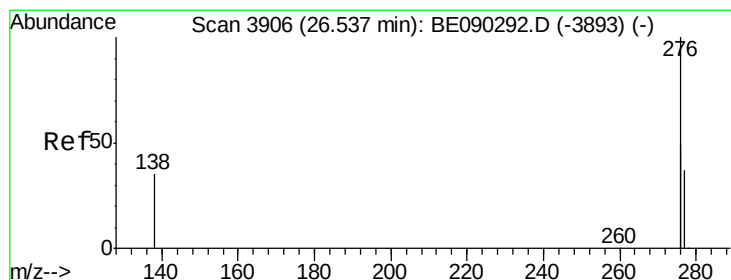
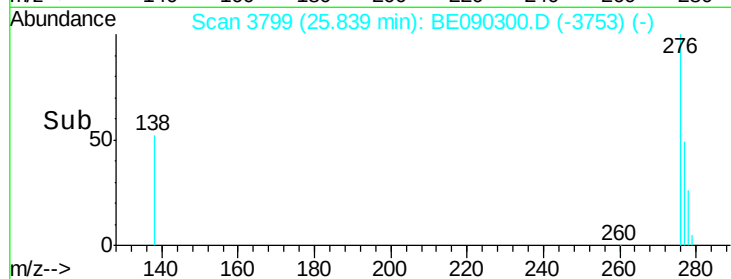
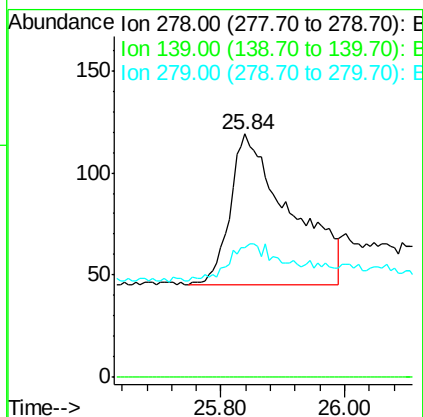
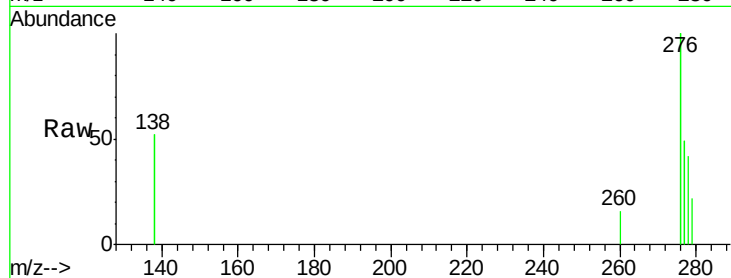




#25
Dibenzo(a,h)anthracene
Concen: 0.32 ng/ul
RT: 25.84 min Scan# 3799
Delta R.T. -0.00 min
Lab File: BE090300.D
Acq: 30 Jul 2015 17:03

Instrument :
BNA_E
ClientSampleId :
SSTD0.452

Tot Ion:278 Resp: 495
Ion Ratio Lower Upper
278 100
139 0.0 0.0 0.0
279 52.9 37.4 56.0



#26
Benzo(g,h,i)perylene
Concen: 0.29 ng/ul
RT: 26.55 min Scan# 3908
Delta R.T. 0.01 min
Lab File: BE090300.D
Acq: 30 Jul 2015 17:03

Tgt Ion:276 Resp: 5273
Ion Ratio Lower Upper
276 100
277 36.5 25.5 38.3
138 37.1 23.9 35.9#

