

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072815\
 Data File : BE090281.D
 Acq On : 28 Jul 2015 23:07
 Operator : TP/IZ
 Sample : SSTDC00.4EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP08

Quant Time: Jul 29 04:49:03 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 : Wed Jul 29 04:46:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	874	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	3582	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	1995	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	4440	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	2808	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	1491	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.95	152	2226	0.47	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	4770	0.45	ng/ul	0.00

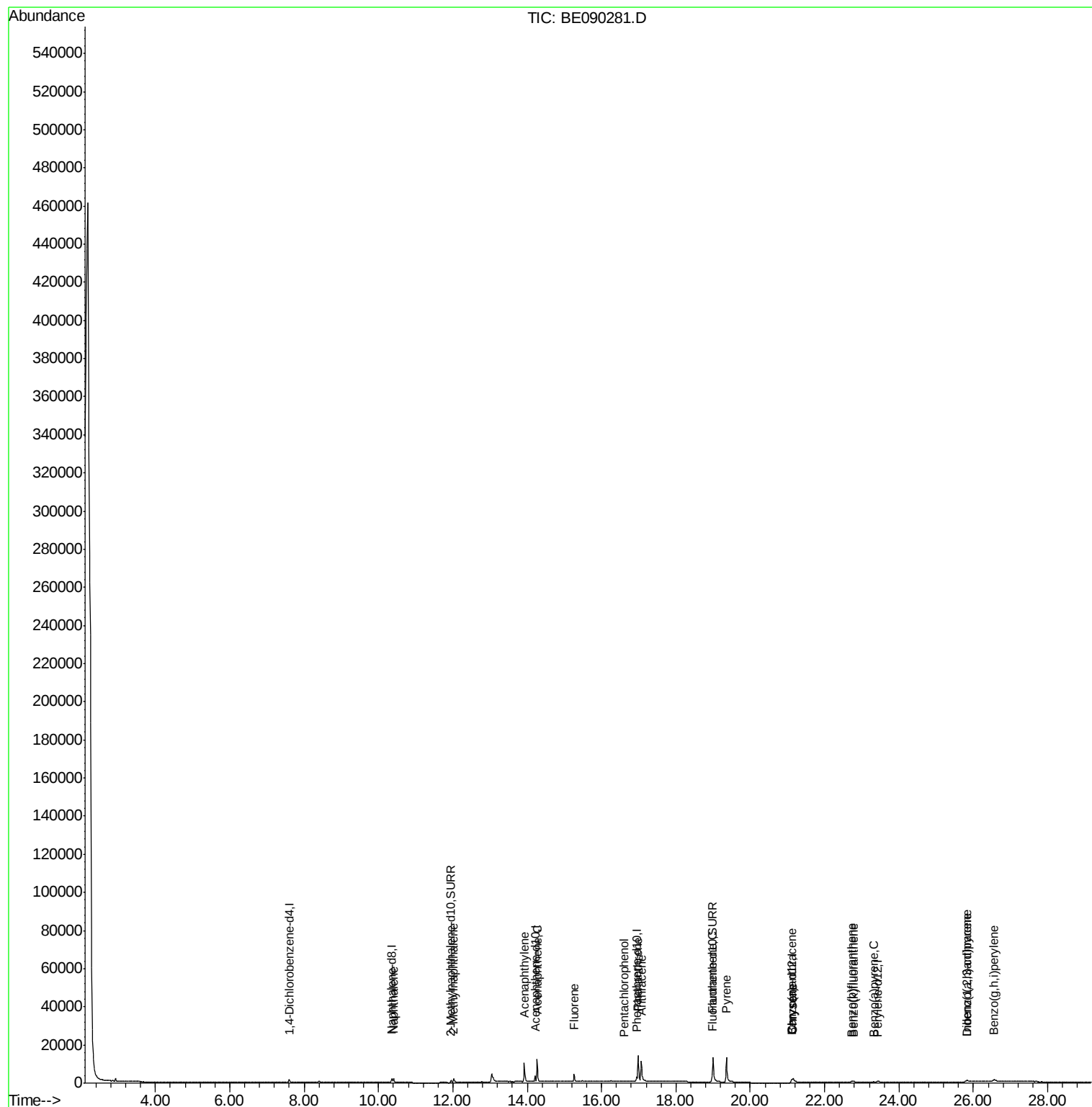
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.40	128	3761	0.47	ng/ul	100
5) 2-Methylnaphthalene	12.02	142	2437	0.47	ng/ul	98
7) Acenaphthylene	13.92	152	16999	0.48	ng/ul	100
8) Acenaphthene	14.26	153	12271	0.47	ng/ul	100
9) Fluorene	15.26	166	3220	0.46	ng/ul	100
11) Pentachlorophenol	16.61	266	86	0.42	ng/ul#	82
12) Phenanthrene	16.98	178	18833	0.46	ng/ul	99
13) Anthracene	17.07	178	19292	0.47	ng/ul	99
15) Fluoranthene	19.00	202	21374	0.45	ng/ul	98
17) Pyrene	19.36	202	21782	0.49	ng/ul	99
18) Benzo(a)anthracene	21.10	228	1486	0.42	ng/ul	98
19) Chrysene	21.15	228	4378	0.42	ng/ul	96
21) Benzo(b)fluoranthene	22.72	252	889	0.47	ng/ul	91
22) Benzo(k)fluoranthene	22.77	252	2428	0.40	ng/ul	94
23) Benzo(a)pyrene	23.32	252	1299	0.50	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.81	276	3469	0.43	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.84	278	362	0.38	ng/ul#	84
26) Benzo(g,h,i)perylene	26.56	276	4987	0.44	ng/ul#	89

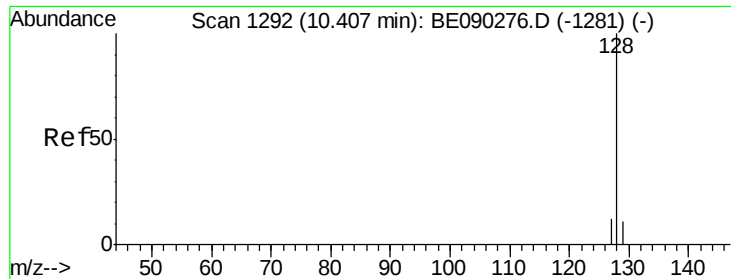
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072815\
Data File : BE090281.D
Acq On : 28 Jul 2015 23:07
Operator : TP/IZ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DFTPP08

Quant Time: Jul 29 04:49:03 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 : Wed Jul 29 04:46:54 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.47 ng/ul

RT: 10.40 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BE090281.D

Acq: 28 Jul 2015 23:07

Instrument :

BNA_E

ClientSampleId :

DFTPP08

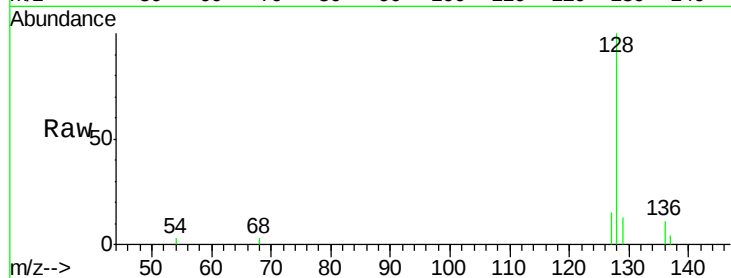
Tgt Ion:128 Resp: 3761

Ion Ratio Lower Upper

128 100

129 13.0 10.4 15.6

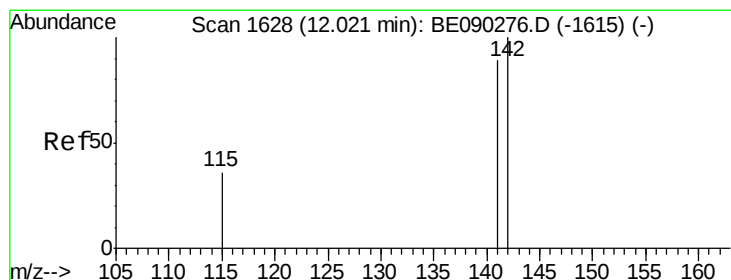
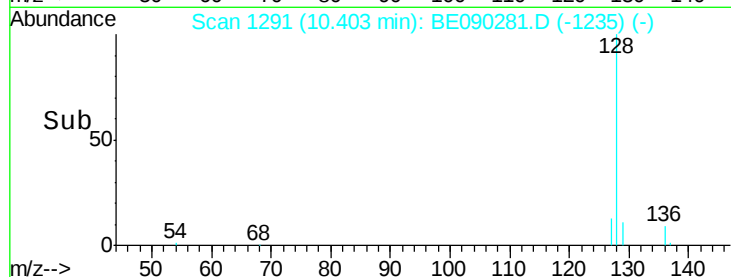
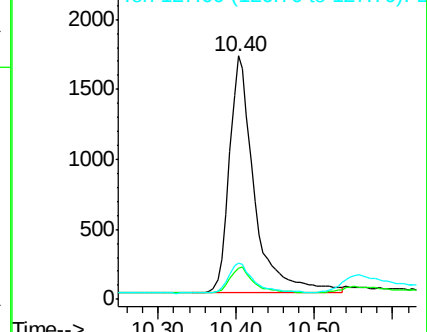
127 15.1 12.1 18.1



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: 0.47 ng/ul

RT: 12.02 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE090281.D

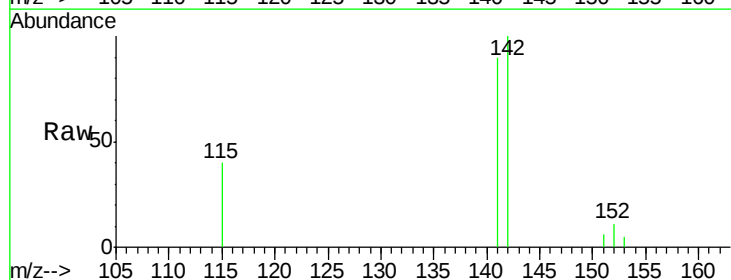
Acq: 28 Jul 2015 23:07

Tgt Ion:142 Resp: 2437

Ion Ratio Lower Upper

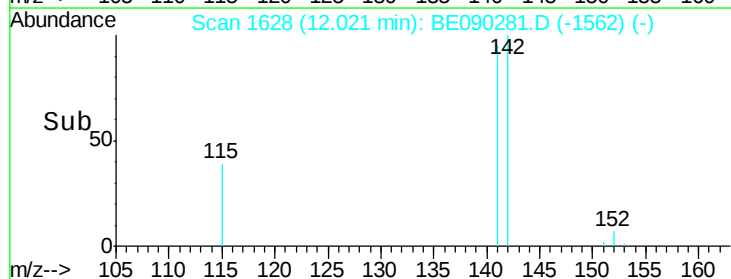
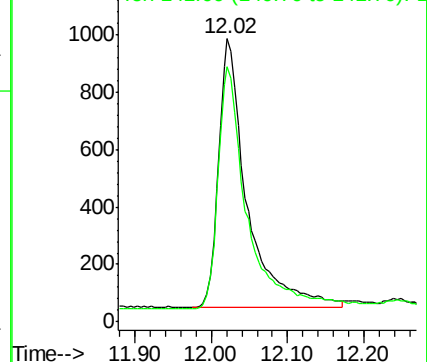
142 100

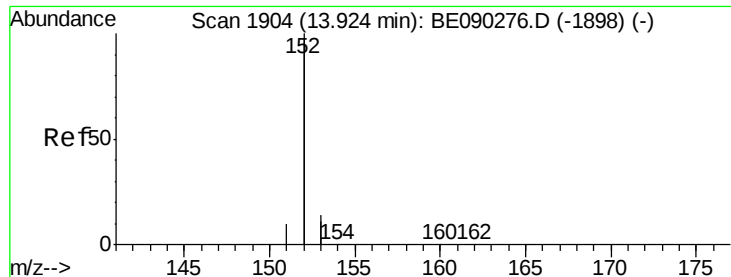
141 89.2 73.0 109.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.48 ng/ul

RT: 13.92 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BE090281.D

Acq: 28 Jul 2015 23:07

Instrument :

BNA_E

ClientSampleId :

DFTPP08

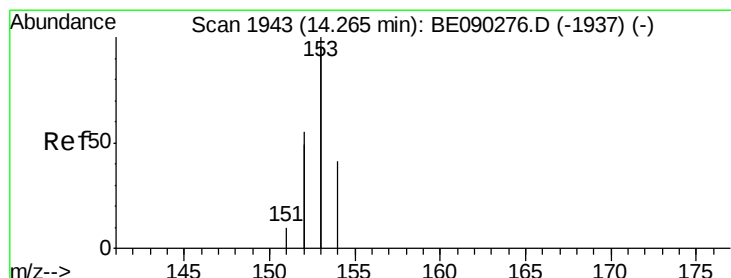
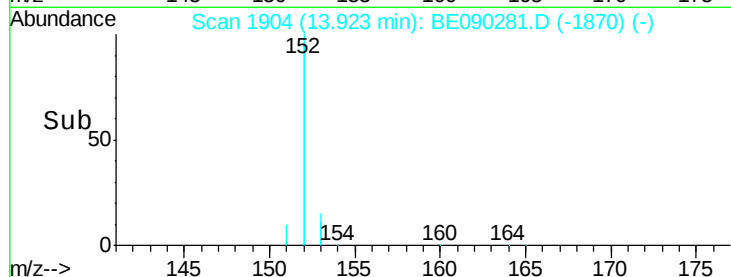
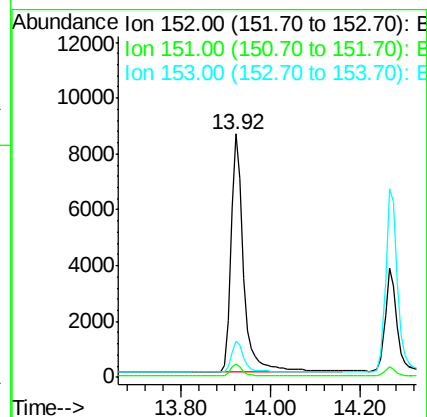
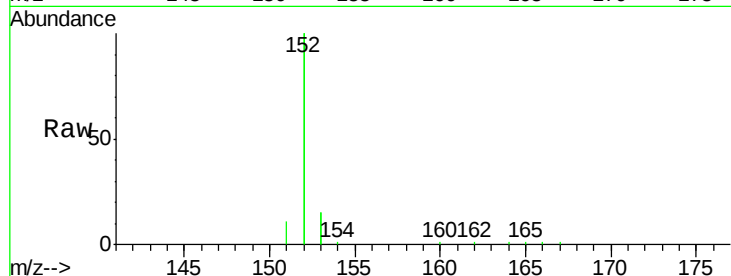
Tgt Ion:152 Resp: 16999

Ion Ratio Lower Upper

152 100

151 5.5 4.3 6.5

153 15.0 11.9 17.9



#8

Acenaphthene

Concen: 0.47 ng/ul

RT: 14.26 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BE090281.D

Acq: 28 Jul 2015 23:07

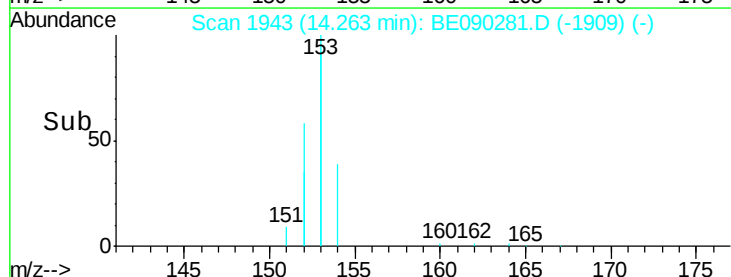
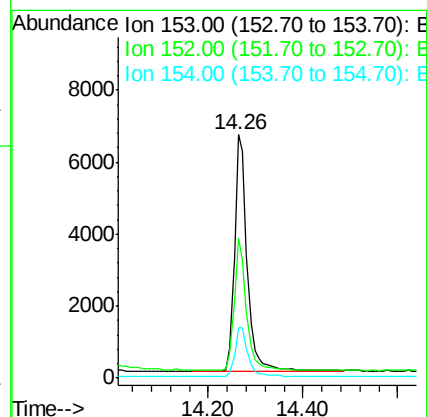
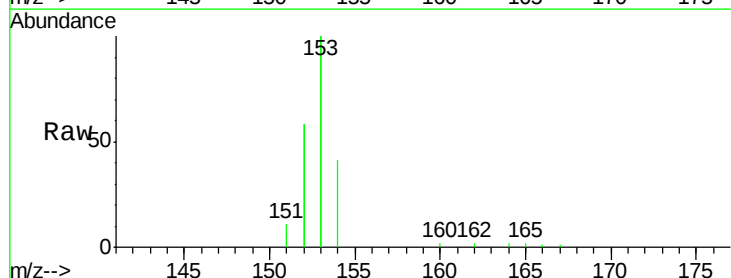
Tgt Ion:153 Resp: 12271

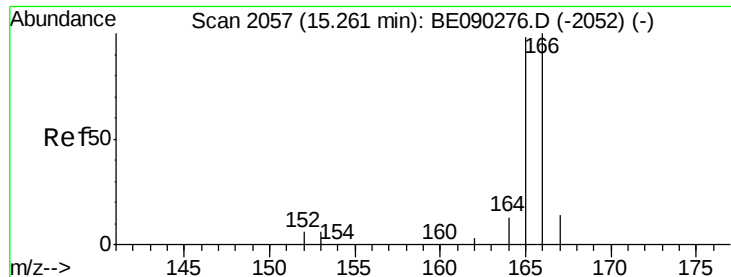
Ion Ratio Lower Upper

153 100

152 57.6 45.7 68.5

154 20.5 16.4 24.6





#9

Fluorene

Concen: 0.46 ng/ul

RT: 15.26 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BE090281.D

Acq: 28 Jul 2015 23:07

Instrument :

BNA_E

ClientSampleId :

DFTPP08

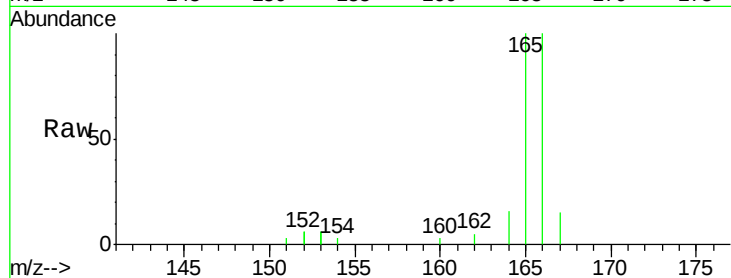
Tgt Ion:166 Resp: 3220

Ion Ratio Lower Upper

166 100

165 100.5 80.3 120.5

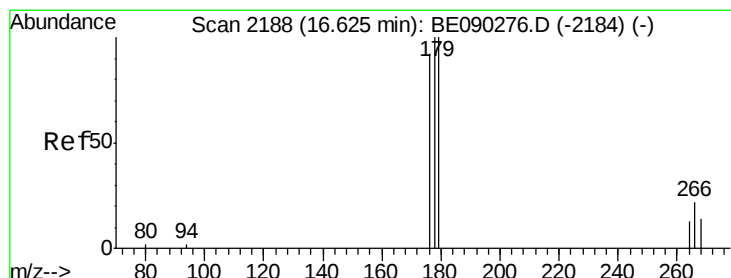
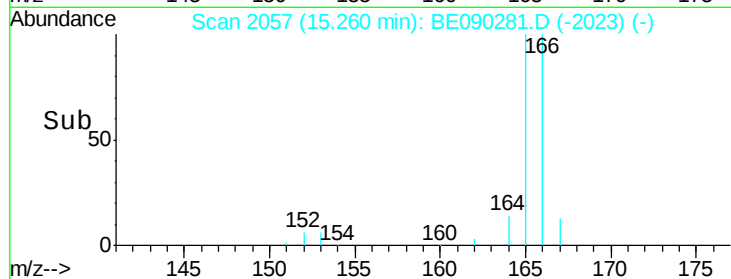
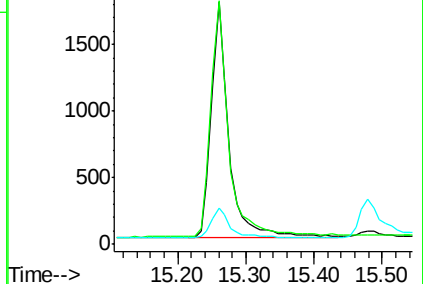
167 15.2 12.4 18.6



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: 0.42 ng/ul

RT: 16.61 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BE090281.D

Acq: 28 Jul 2015 23:07

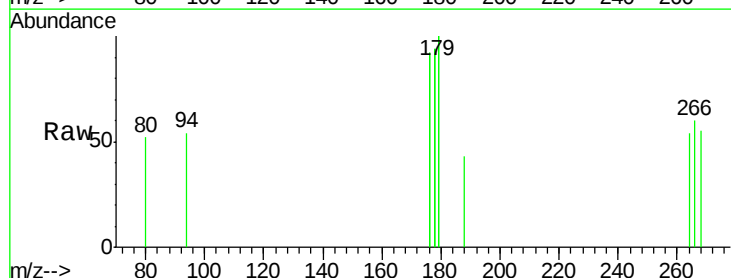
Tgt Ion:266 Resp: 86

Ion Ratio Lower Upper

266 100

264 61.6 43.4 65.0

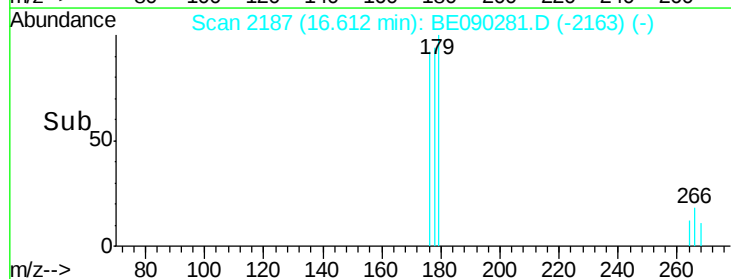
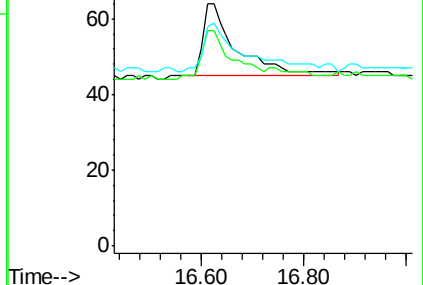
268 74.4 44.6 66.8#

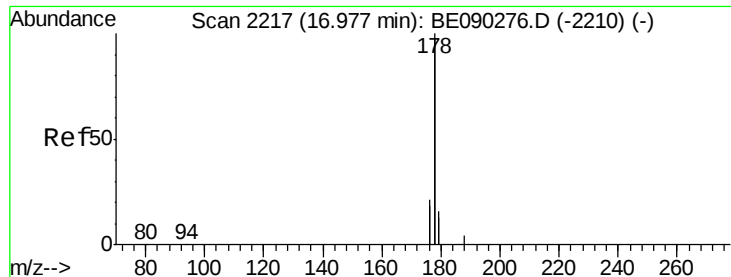


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.46 ng/ul

RT: 16.98 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BE090281.D

Acq: 28 Jul 2015 23:07

Instrument :

BNA_E

ClientSampleId :

DFTPP08

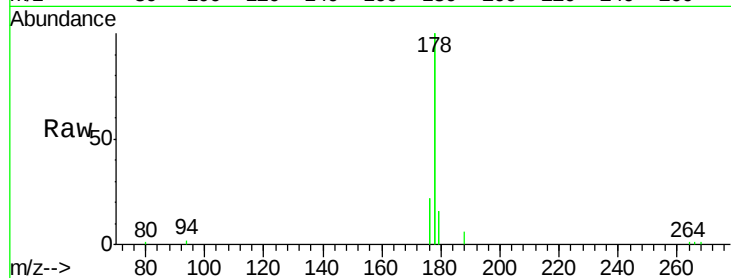
Tgt Ion:178 Resp: 18833

Ion Ratio Lower Upper

178 100

176 22.3 17.3 25.9

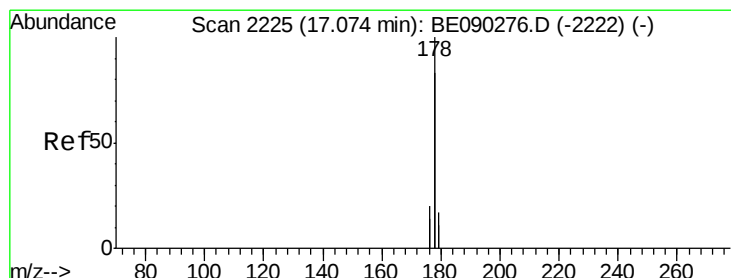
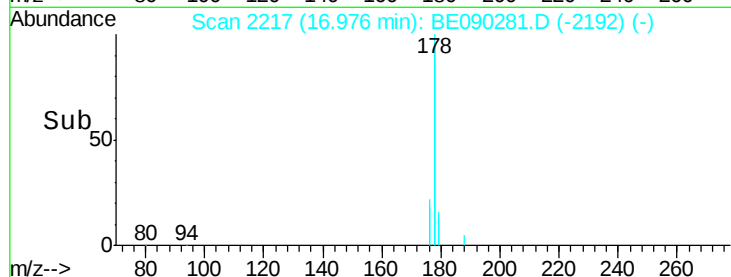
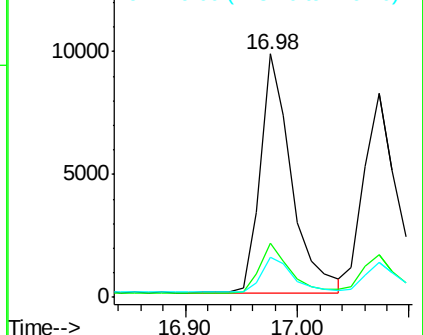
179 16.4 13.1 19.7



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: 0.47 ng/ul

RT: 17.07 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BE090281.D

Acq: 28 Jul 2015 23:07

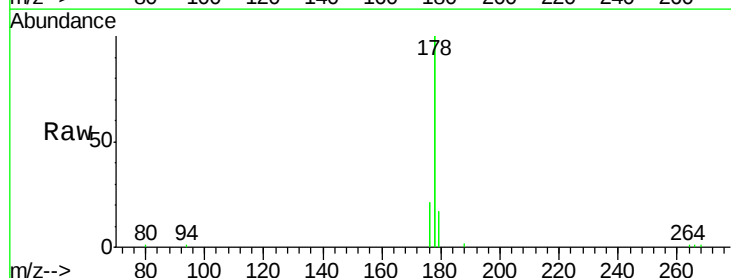
Tgt Ion:178 Resp: 19292

Ion Ratio Lower Upper

178 100

176 20.8 16.4 24.6

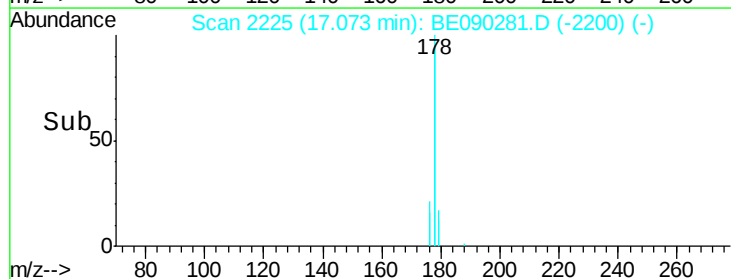
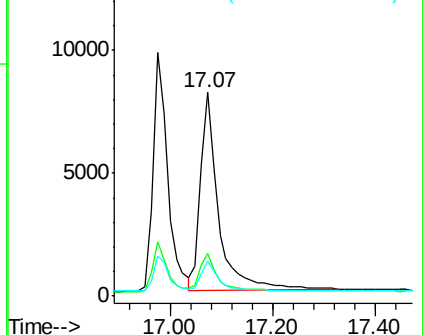
179 17.2 13.9 20.9

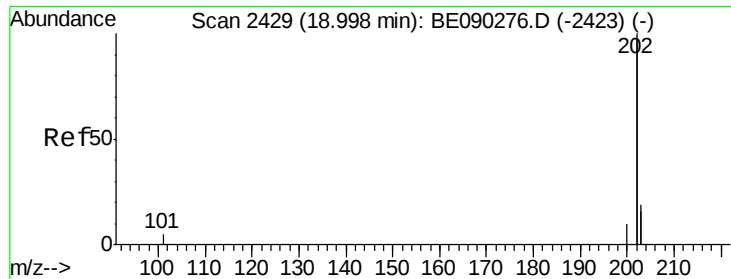


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

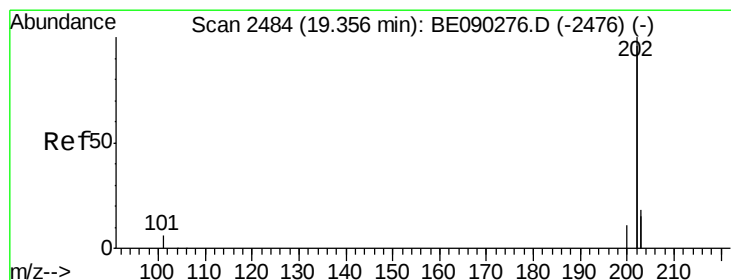
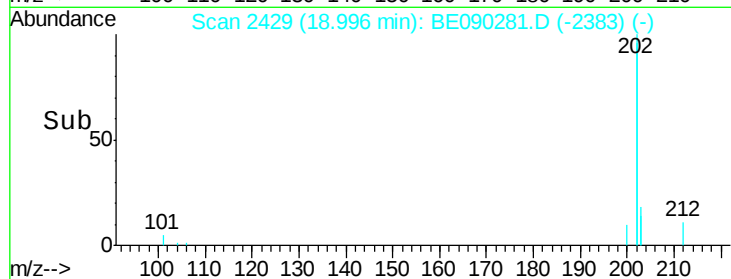
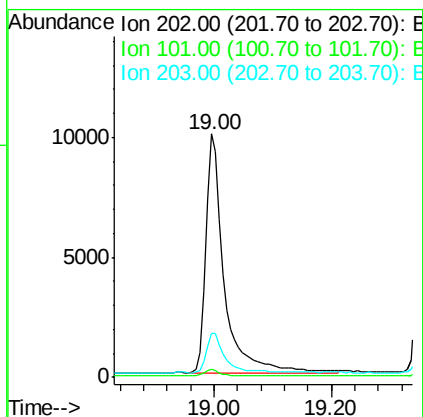
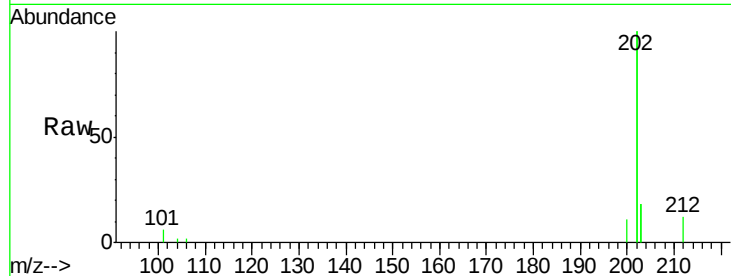




#15
Fluoranthene
 Concen: 0.45 ng/ul
 RT: 19.00 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BE090281.D
 Acq: 28 Jul 2015 23:07

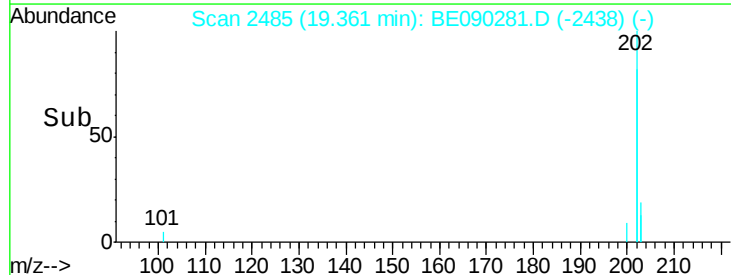
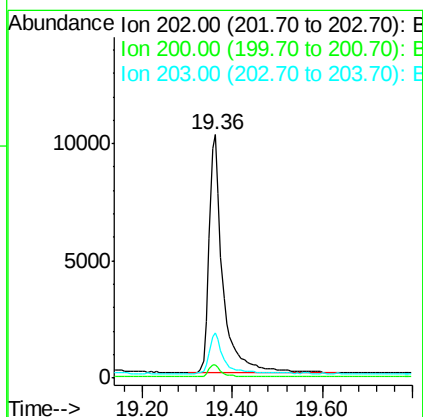
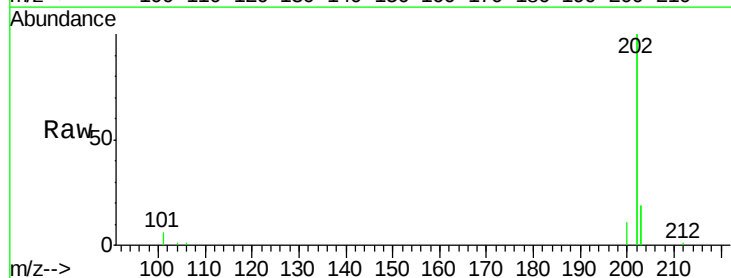
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP08

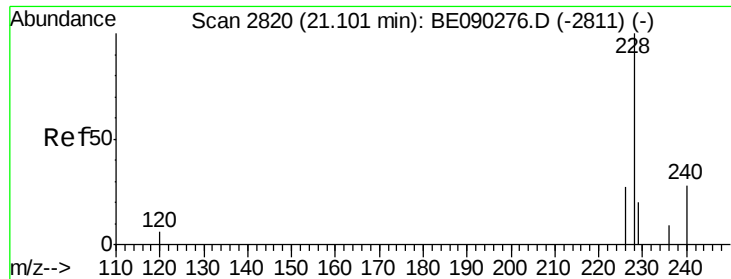
Tgt Ion: 202 Resp: 21374
 Ion Ratio Lower Upper
 202 100
 101 3.1 0.0 22.9
 203 18.2 0.0 39.0



#17
Pyrene
 Concen: 0.49 ng/ul
 RT: 19.36 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BE090281.D
 Acq: 28 Jul 2015 23:07

Tgt Ion: 202 Resp: 21782
 Ion Ratio Lower Upper
 202 100
 200 5.5 4.5 6.7
 203 18.8 14.4 21.6





#18

Benzo(a)anthracene

Concen: 0.42 ng/ul

RT: 21.10 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BE090281.D

Acq: 28 Jul 2015 23:07

Instrument :

BNA_E

ClientSampleId :

DFTPP08

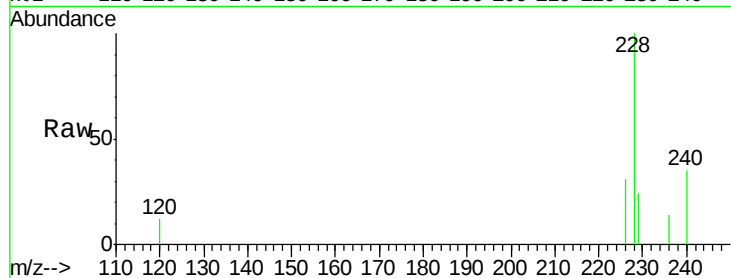
Tgt Ion:228 Resp: 1486

Ion Ratio Lower Upper

228 100

226 30.9 24.6 36.8

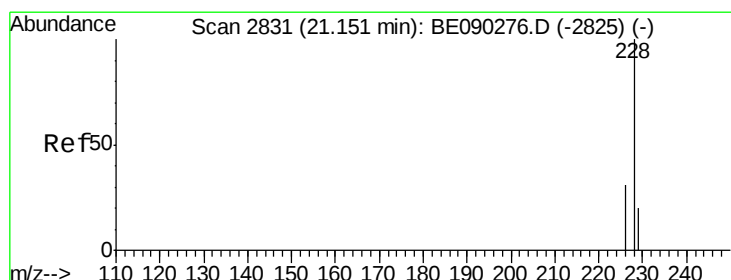
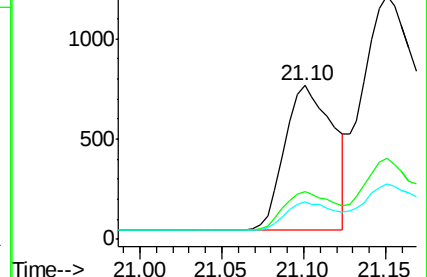
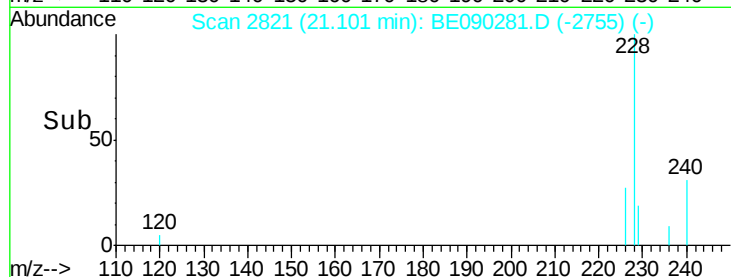
229 24.1 17.9 26.9



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: 0.42 ng/ul

RT: 21.15 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE090281.D

Acq: 28 Jul 2015 23:07

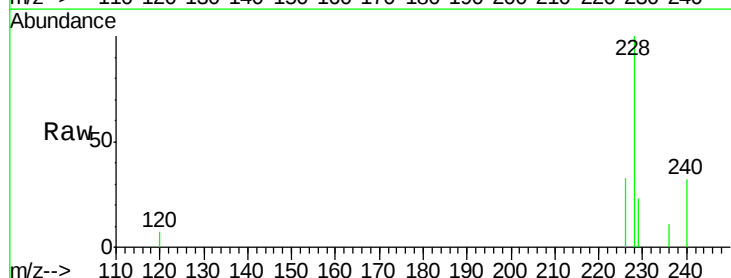
Tgt Ion:228 Resp: 4378

Ion Ratio Lower Upper

228 100

226 33.4 25.0 37.4

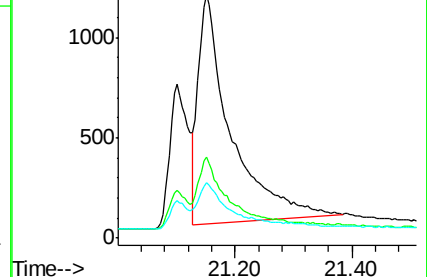
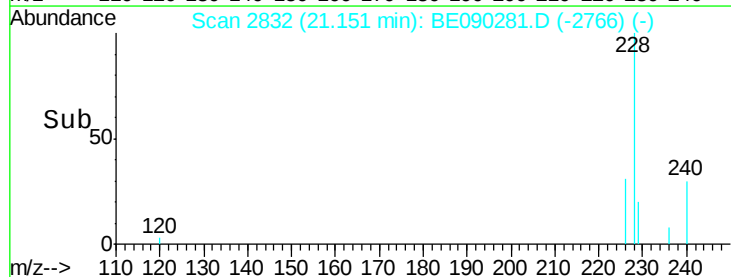
229 22.7 16.6 24.8

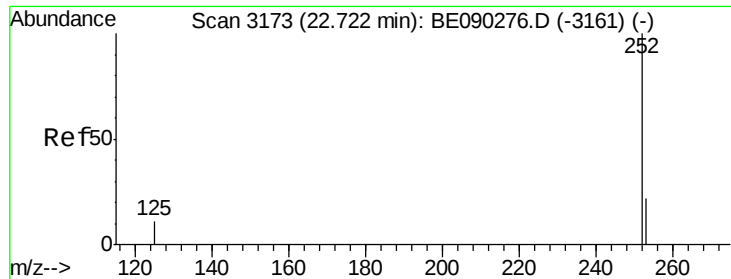


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.47 ng/ul

RT: 22.72 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BE090281.D

Acq: 28 Jul 2015 23:07

Instrument :

BNA_E

ClientSampleId :

DFTPP08

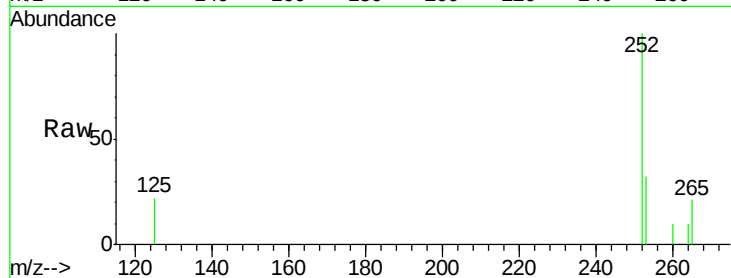
Tgt Ion:252 Resp: 889

Ion Ratio Lower Upper

252 100

253 32.5 0.0 57.2

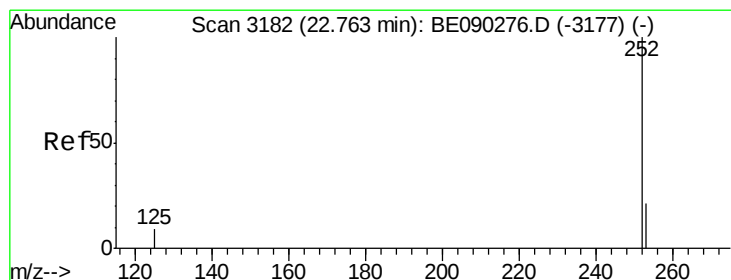
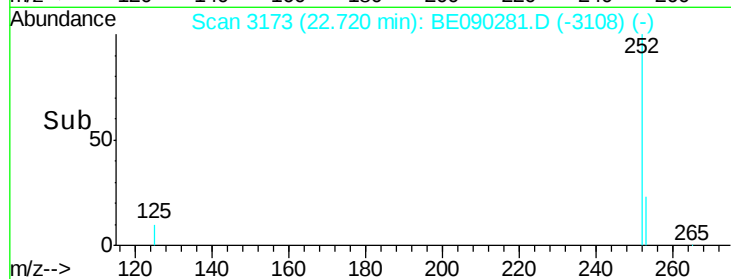
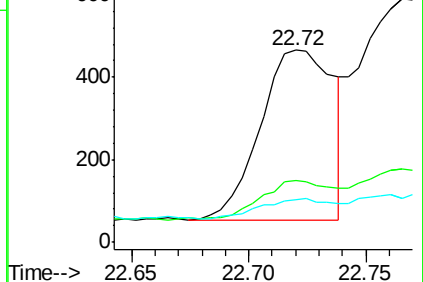
125 21.9 0.0 34.6



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: 0.40 ng/ul

RT: 22.77 min Scan# 3183

Delta R.T. 0.00 min

Lab File: BE090281.D

Acq: 28 Jul 2015 23:07

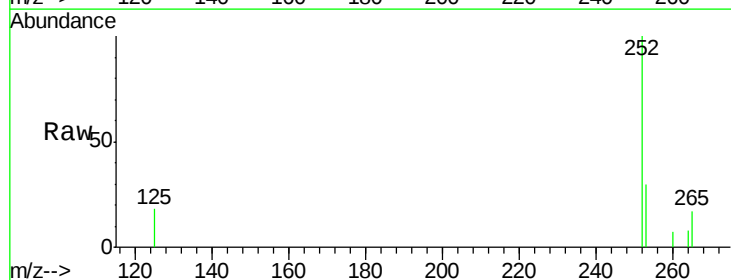
Tgt Ion:252 Resp: 2428

Ion Ratio Lower Upper

252 100

253 30.2 21.3 31.9

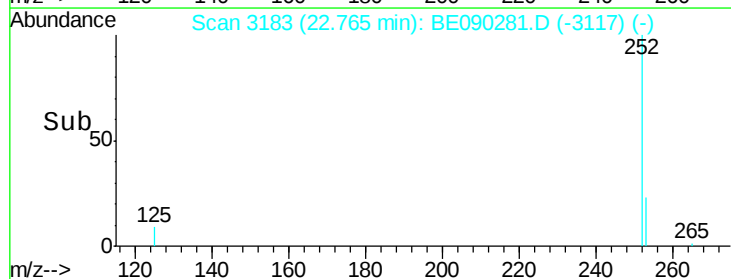
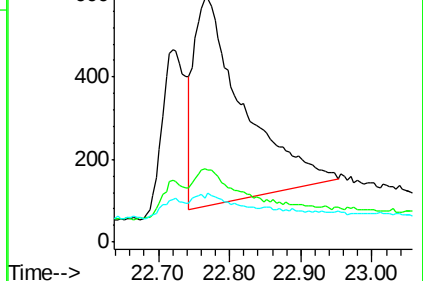
125 18.1 13.3 19.9

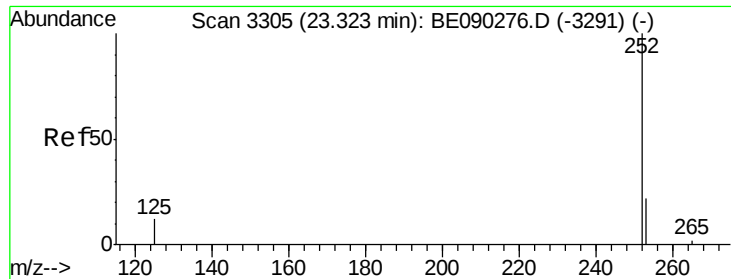


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.50 ng/ul

RT: 23.32 min Scan# 3304

Delta R.T. -0.01 min

Lab File: BE090281.D

Acq: 28 Jul 2015 23:07

Instrument :

BNA_E

ClientSampleId :

DFTPP08

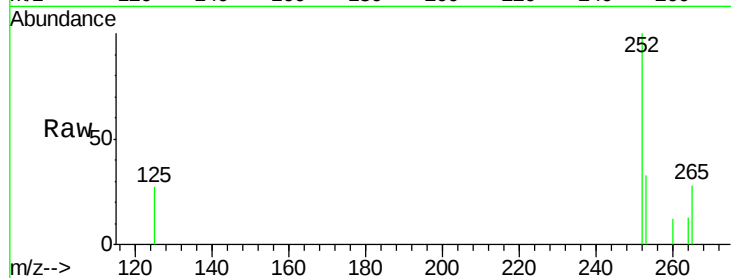
Tgt Ion: 252 Resp: 1299

Ion Ratio Lower Upper

252 100

253 33.3 24.9 37.3

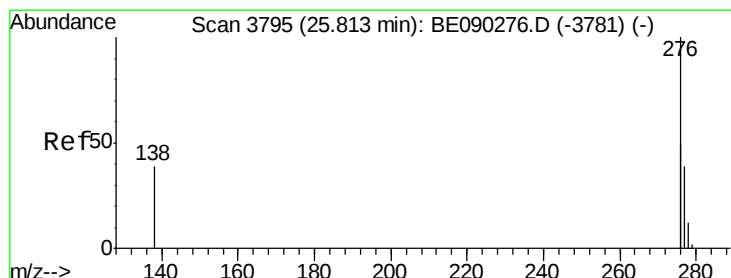
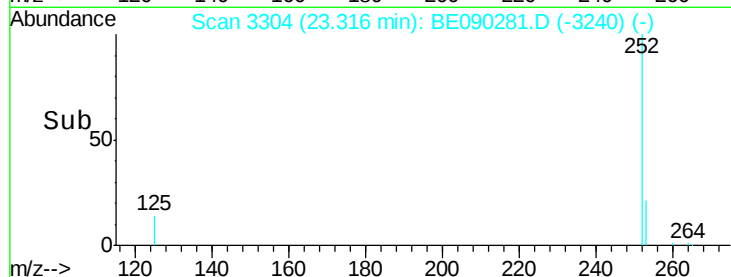
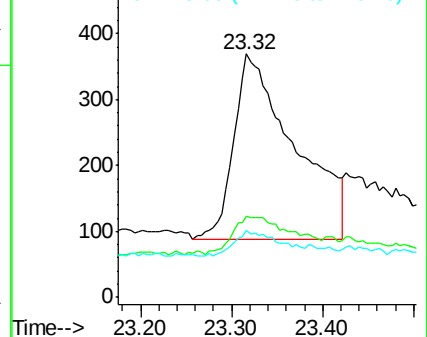
125 27.4 17.5 26.3#



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: 0.43 ng/ul

RT: 25.81 min Scan# 3795

Delta R.T. -0.00 min

Lab File: BE090281.D

Acq: 28 Jul 2015 23:07

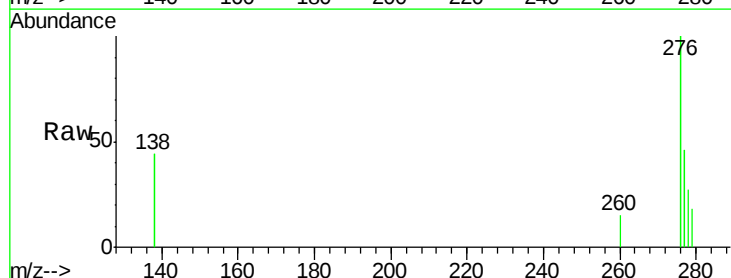
Tgt Ion: 276 Resp: 3469

Ion Ratio Lower Upper

276 100

138 12.6 13.5 20.3#

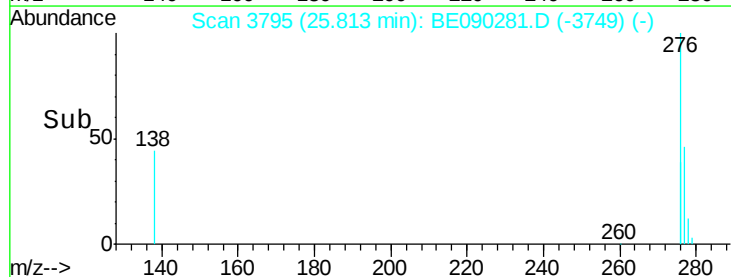
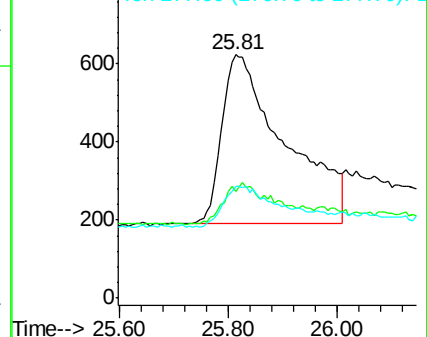
277 18.7 16.4 24.6

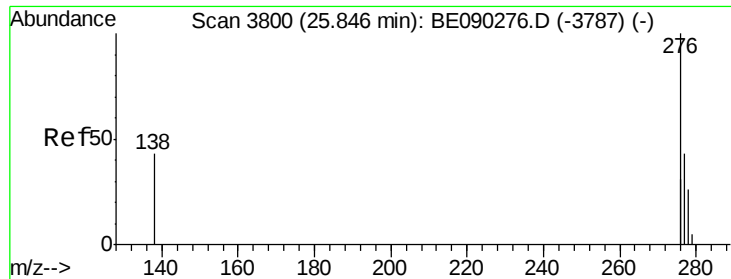


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

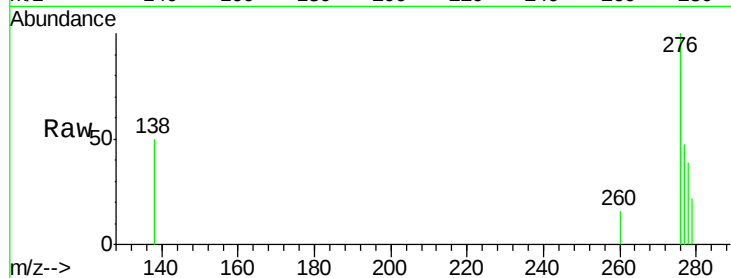




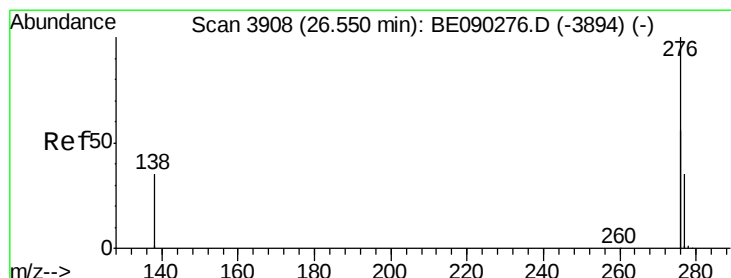
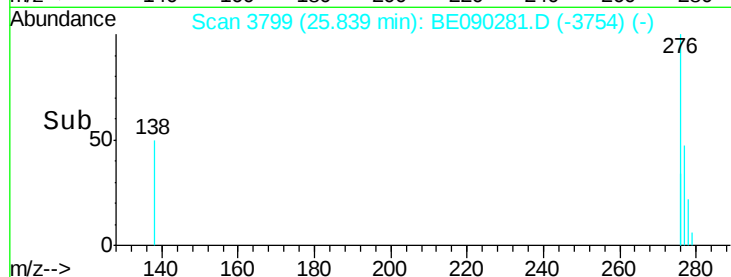
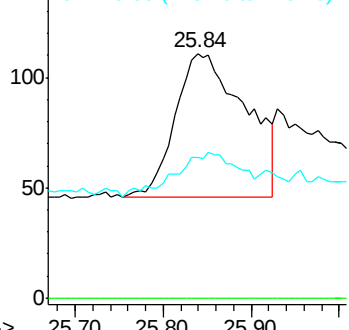
#25
Dibenzo(a,h)anthracene
Concen: 0.38 ng/ul
RT: 25.84 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BE090281.D
Acq: 28 Jul 2015 23:07

Instrument :
BNA_E
ClientSampleId :
DFTPP08

Tgt Ion: 278 Resp: 362
Ion Ratio Lower Upper
278 100
139 0.0 0.0 0.0
279 57.7 37.4 56.0#

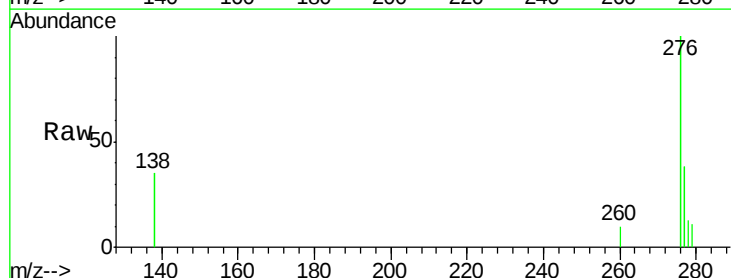


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.44 ng/ul
RT: 26.56 min Scan# 3909
Delta R.T. 0.01 min
Lab File: BE090281.D
Acq: 28 Jul 2015 23:07

Tgt Ion: 276 Resp: 4987
Ion Ratio Lower Upper
276 100
277 38.3 25.5 38.3#
138 35.1 23.9 35.9



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

