

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
 Data File : BE090282.D
 Acq On : 29 Jul 2015 14:09
 Operator : TP/IZ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.449

Quant Time: Jul 30 01:46:42 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 13:56:48 2015
 Response via : Initial Calibration

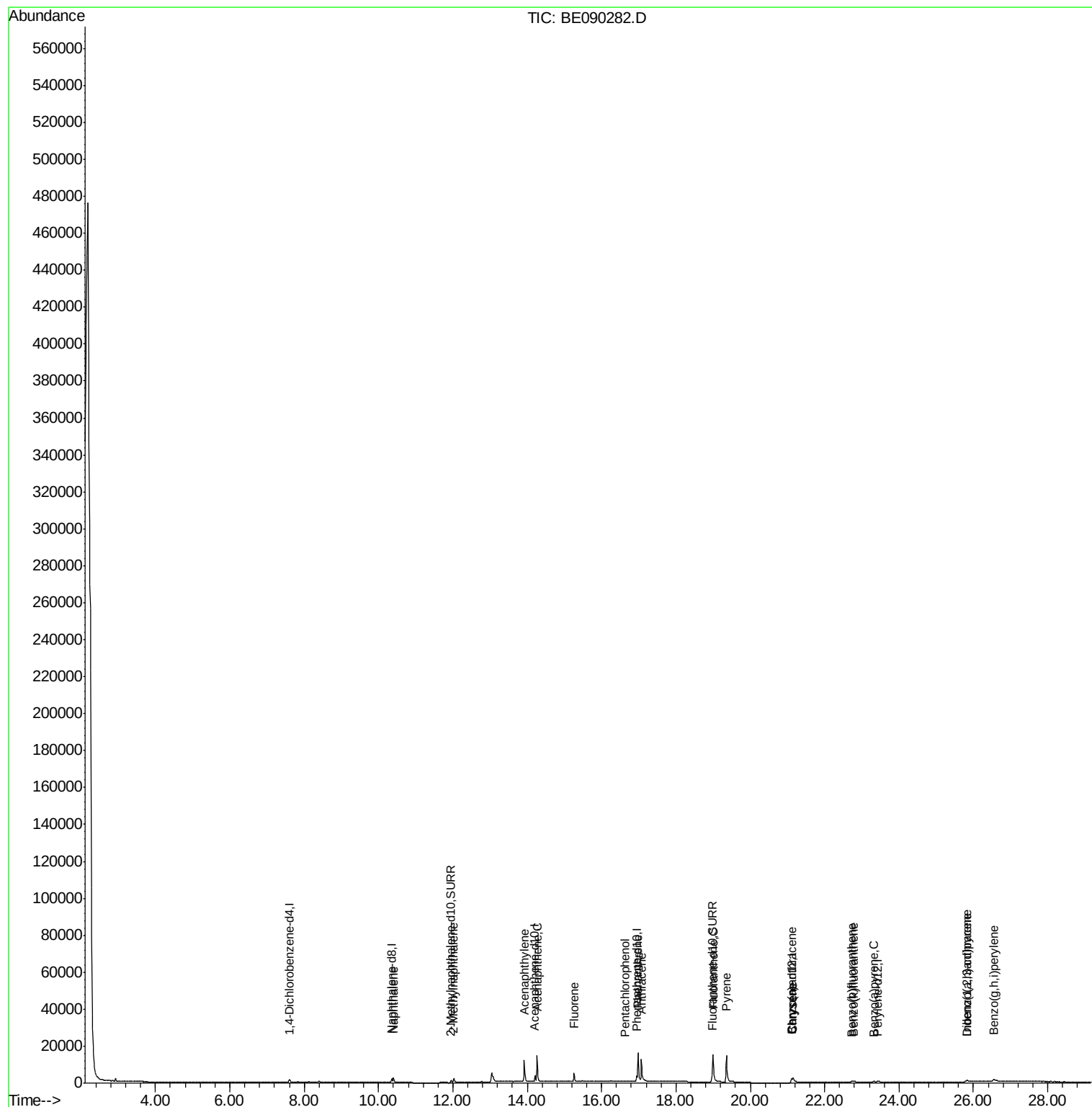
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	991	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	4182	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2377	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5188	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	3447	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	2071	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2590	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	5531	0.39	ng/ul	0.00
Target Compounds						Ovalue
3) Naphthalene	10.40	128	4383	0.40	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	2878	0.40	ng/ul	99
7) Acenaphthylene	13.92	152	19689	0.40	ng/ul	99
8) Acenaphthene	14.26	153	14281	0.39	ng/ul	99
9) Fluorene	15.26	166	3761	0.38	ng/ul	97
11) Pentachlorophenol	16.62	266	89	0.27	ng/ul	94
12) Phenanthrene	16.98	178	22078	0.40	ng/ul	99
13) Anthracene	17.07	178	22270	0.39	ng/ul	99
15) Fluoranthene	19.00	202	24911	0.38	ng/ul	99
17) Pyrene	19.36	202	24986	0.39	ng/ul	98
18) Benzo(a)anthracene	21.10	228	1695	0.33	ng/ul	97
19) Chrysene	21.15	228	5311	0.35	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	973	0.31	ng/ul	93
22) Benzo(k)fluoranthene	22.77	252	2965	0.30	ng/ul	95
23) Benzo(a)pyrene	23.32	252	1330	0.32	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.81	276	3693	0.28	ng/ul#	84
25) Dibenzo(a,h)anthracene	25.84	278	489	0.31	ng/ul#	83
26) Benzo(g,h,i)perylene	26.54	276	6013	0.33	ng/ul	91

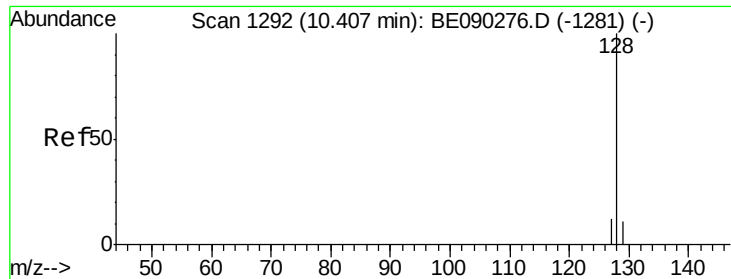
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\
Data File : BE090282.D
Acq On : 29 Jul 2015 14:09
Operator : TP/IZ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.449

Quant Time: Jul 30 01:46:42 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 13:56:48 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.40 ng/ul

RT: 10.40 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BE090282.D

Acq: 29 Jul 2015 14:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.449

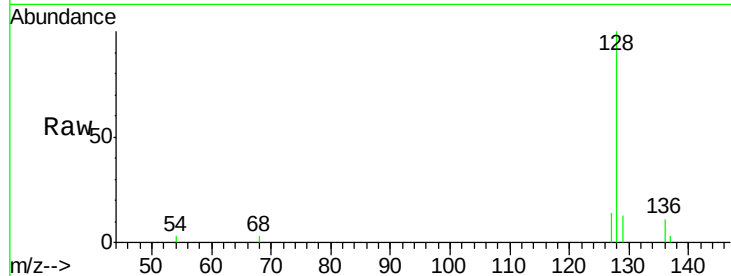
Tot Ion:128 Resp: 4383

Ion Ratio Lower Upper

128 100

129 12.9 10.4 15.6

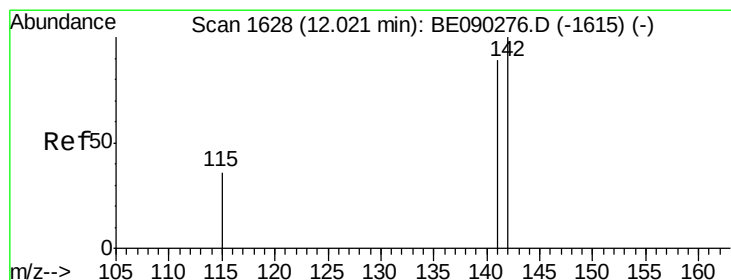
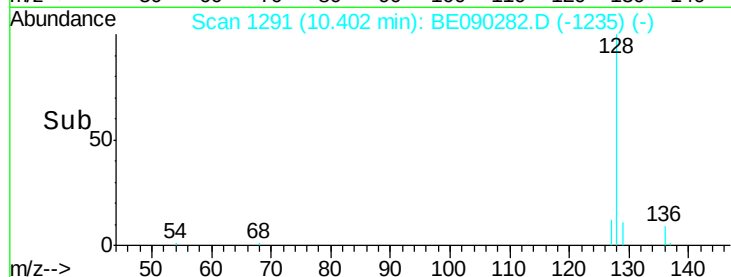
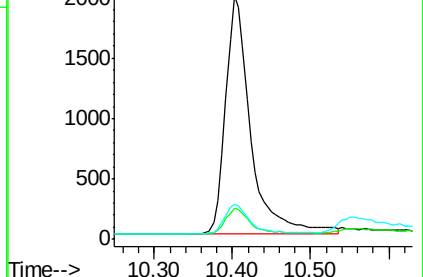
127 14.3 12.1 18.1



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. -0.00 min

Lab File: BE090282.D

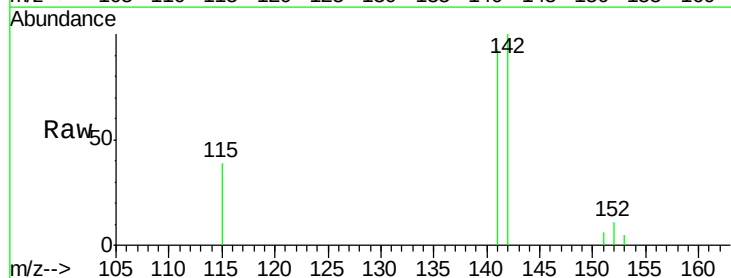
Acq: 29 Jul 2015 14:09

Tgt Ion:142 Resp: 2878

Ion Ratio Lower Upper

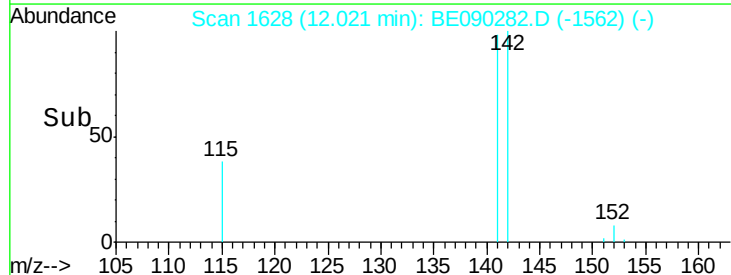
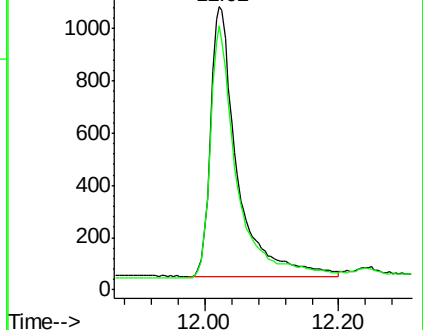
142 100

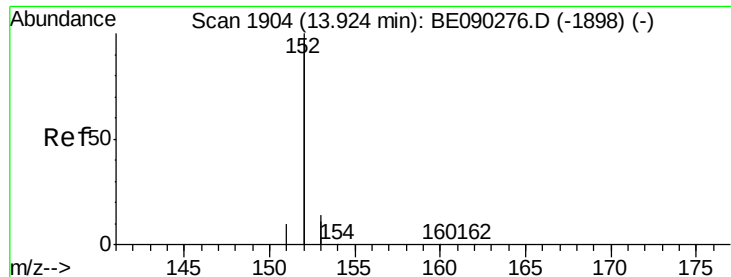
141 92.5 73.0 109.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 13.92 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BE090282.D

Acq: 29 Jul 2015 14:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.449

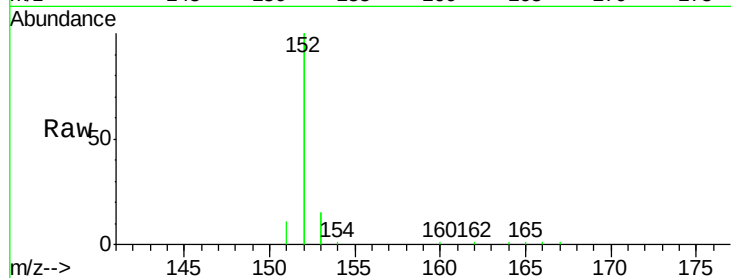
Tot Ion:152 Resp: 19689

Ion Ratio Lower Upper

152 100

151 5.3 4.3 6.5

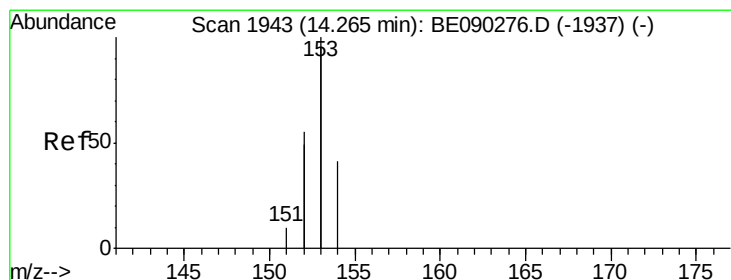
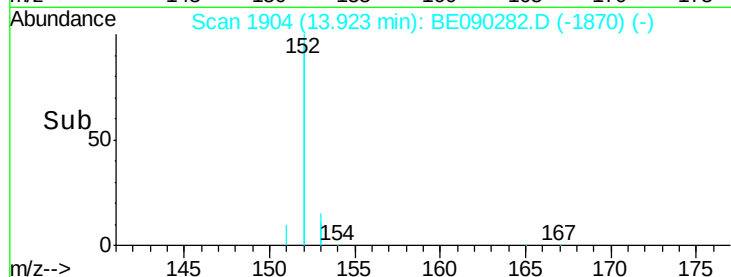
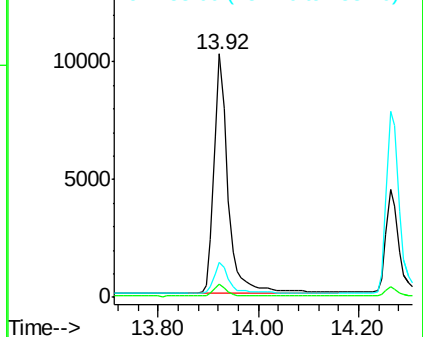
153 14.5 11.9 17.9



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: 0.39 ng/ul

RT: 14.26 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BE090282.D

Acq: 29 Jul 2015 14:09

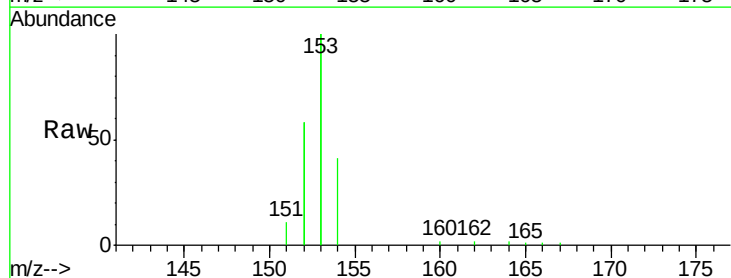
Tgt Ion:153 Resp: 14281

Ion Ratio Lower Upper

153 100

152 58.1 45.7 68.5

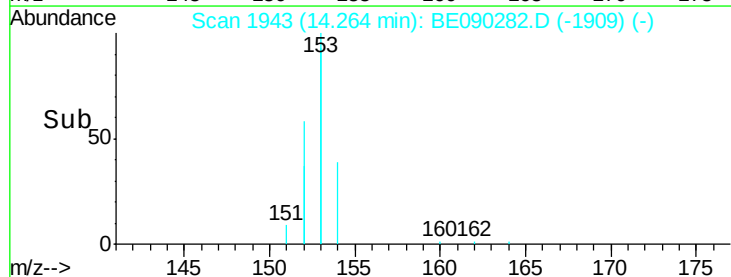
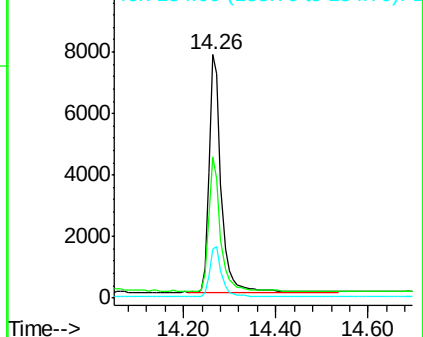
154 20.4 16.4 24.6

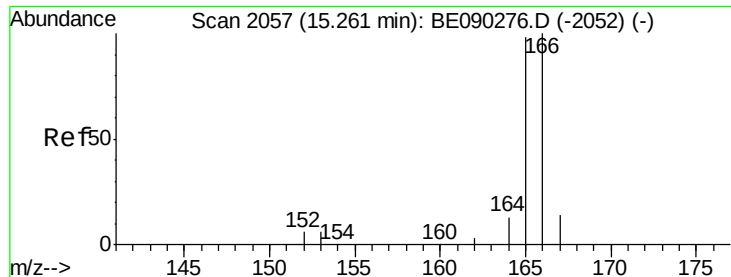


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.38 ng/ul

RT: 15.26 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BE090282.D

Acq: 29 Jul 2015 14:09

Instrument :

BNA_E

ClientSampled :

SSTD0.449

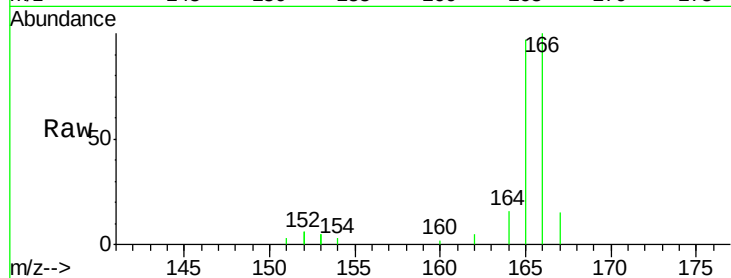
Tot Ion:166 Resp: 3761

Ion Ratio Lower Upper

166 100

165 96.7 80.3 120.5

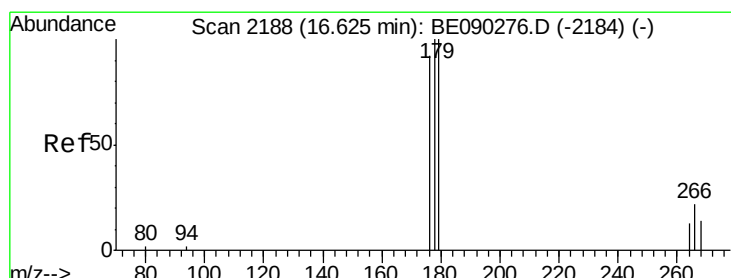
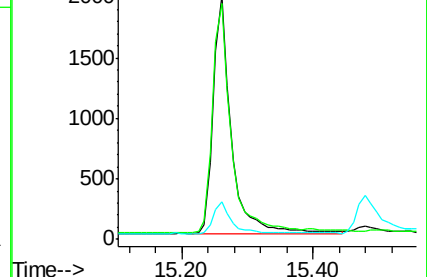
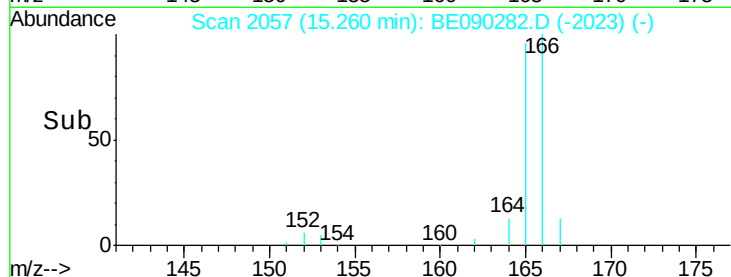
167 15.3 12.4 18.6



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: 0.27 ng/ul

RT: 16.62 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BE090282.D

Acq: 29 Jul 2015 14:09

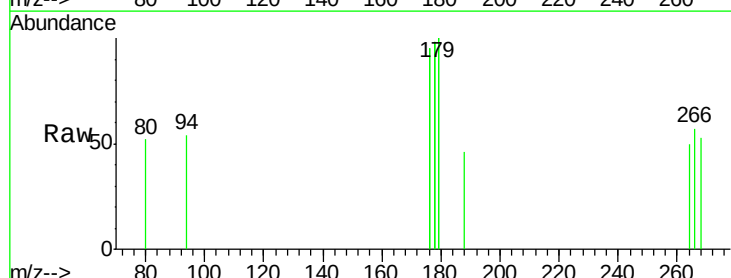
Tgt Ion:266 Resp: 89

Ion Ratio Lower Upper

266 100

264 62.9 43.4 65.0

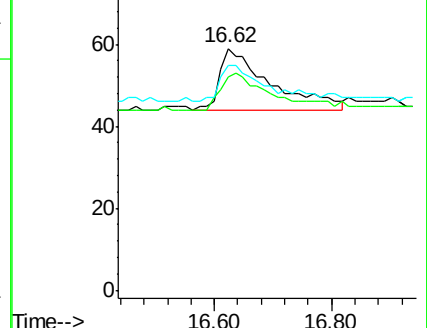
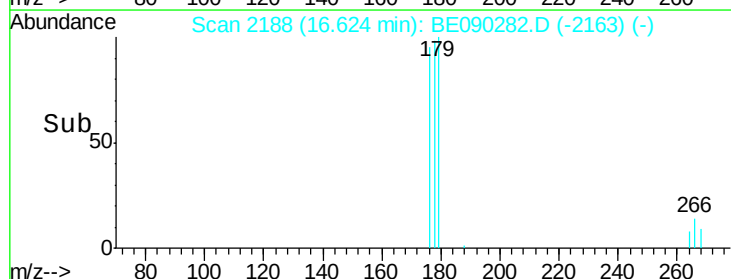
268 55.1 44.6 66.8

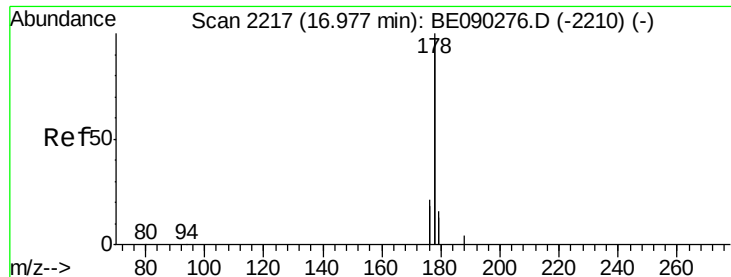


Abundance Ion 266.00 (265.70 to 266.70): E

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: BE090282.D

Acq: 29 Jul 2015 14:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.449

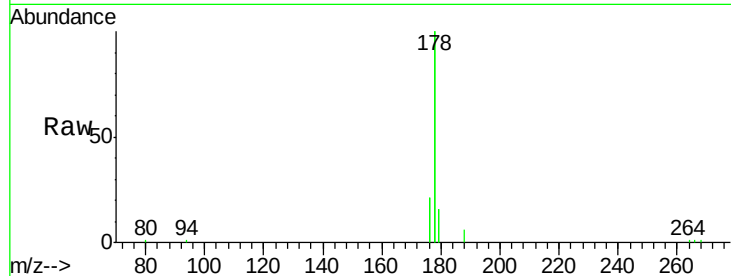
Tot Ion:178 Resp: 22078

Ion Ratio Lower Upper

178 100

176 21.0 17.3 25.9

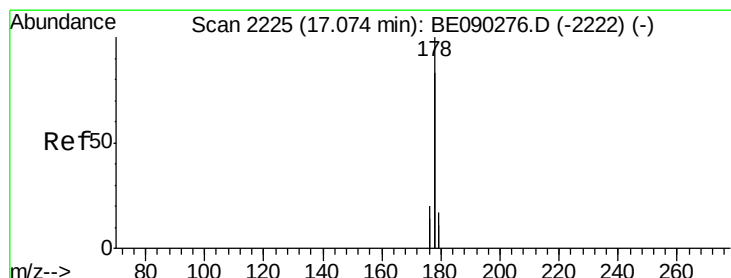
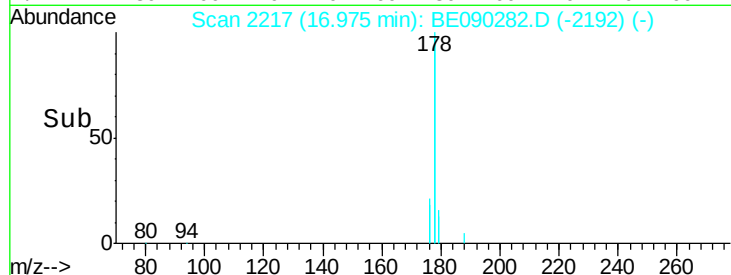
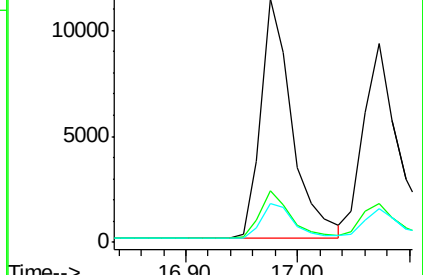
179 16.2 13.1 19.7



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: 0.39 ng/ul

RT: 17.07 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BE090282.D

Acq: 29 Jul 2015 14:09

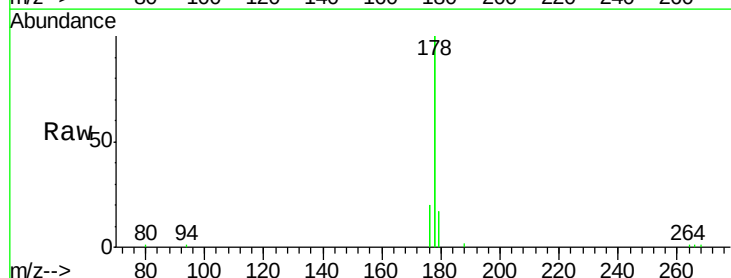
Tgt Ion:178 Resp: 22270

Ion Ratio Lower Upper

178 100

176 19.7 16.4 24.6

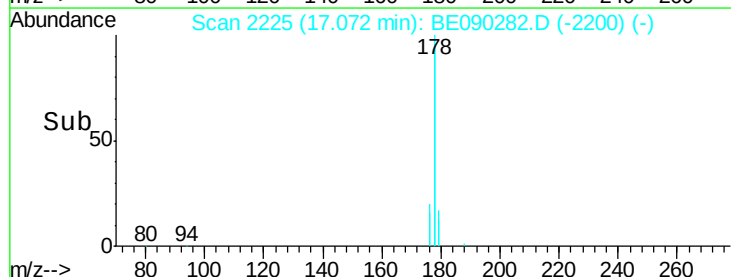
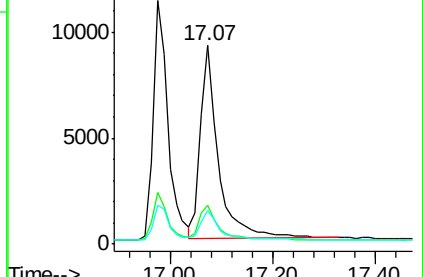
179 17.3 13.9 20.9

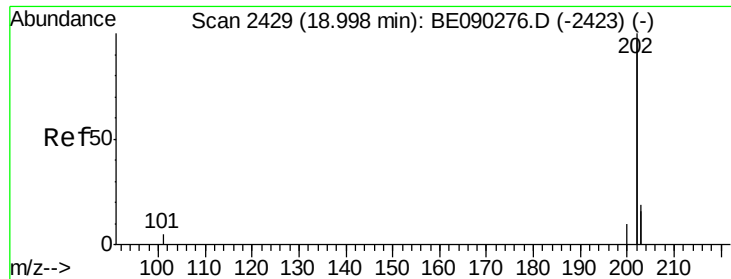


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

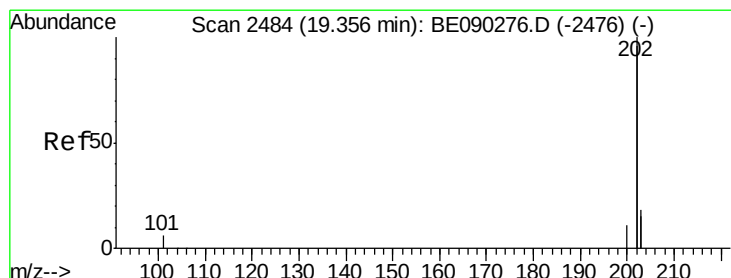
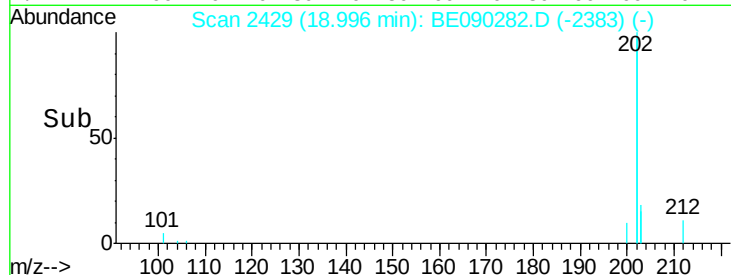
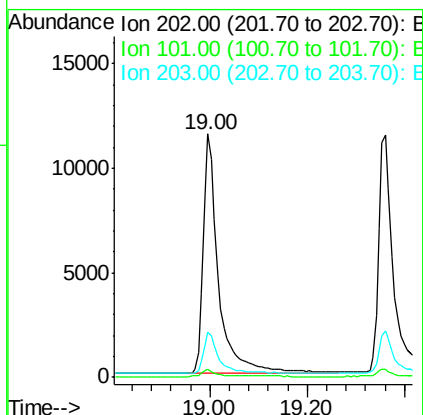
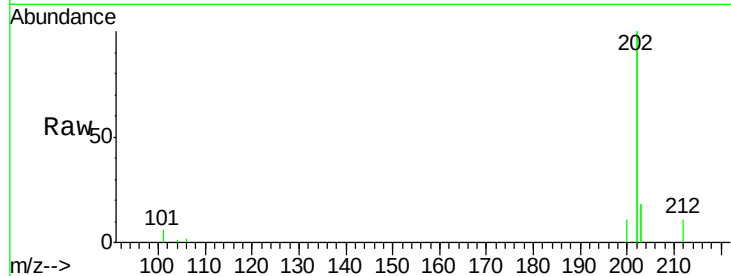




#15
Fluoranthene
Concen: 0.38 ng/ul
RT: 19.00 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BE090282.D
Acq: 29 Jul 2015 14:09

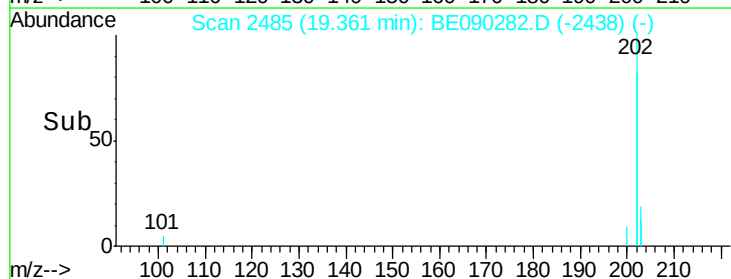
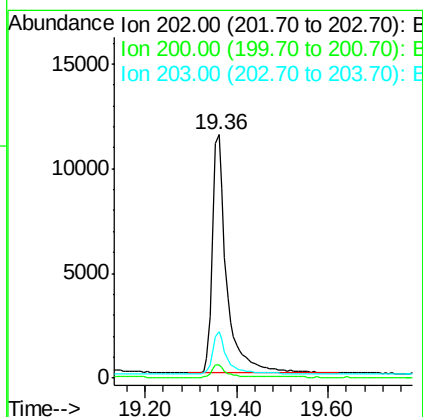
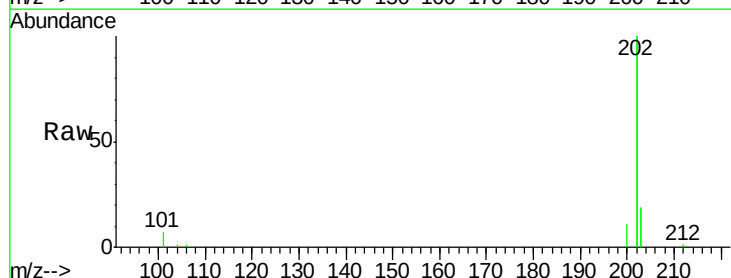
Instrument :
BNA_E
ClientSampleId :
SSTD0.449

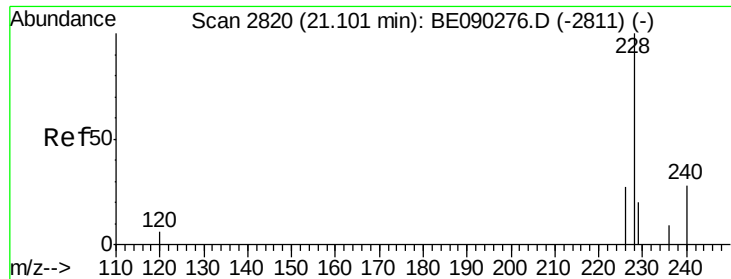
Tot Ion:202 Resp: 24911
Ion Ratio Lower Upper
202 100
101 3.1 0.0 22.9
203 18.5 0.0 39.0



#17
Pyrene
Concen: 0.39 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. 0.00 min
Lab File: BE090282.D
Acq: 29 Jul 2015 14:09

Tgt Ion:202 Resp: 24986
Ion Ratio Lower Upper
202 100
200 5.4 4.5 6.7
203 19.2 14.4 21.6

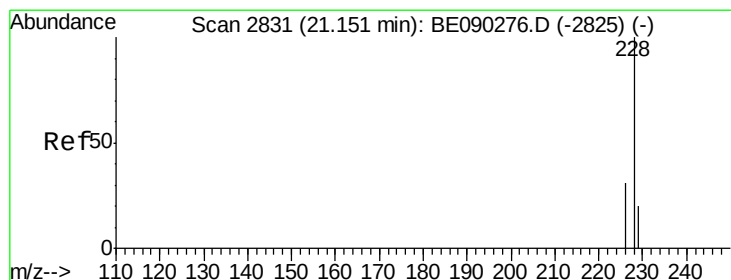
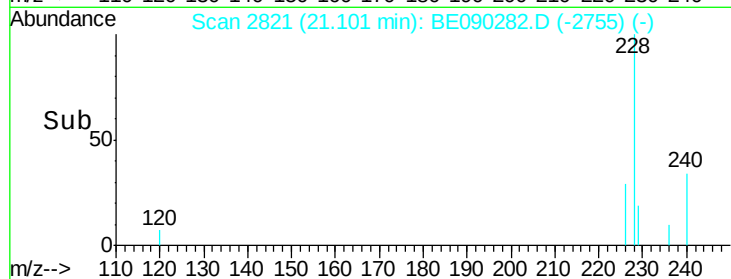
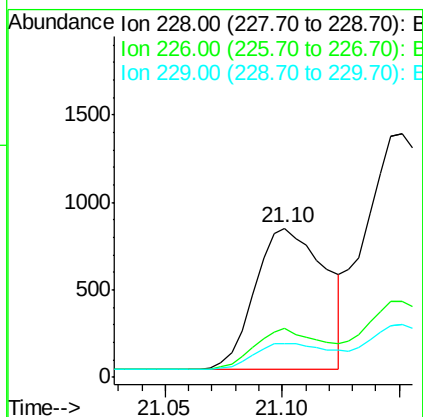
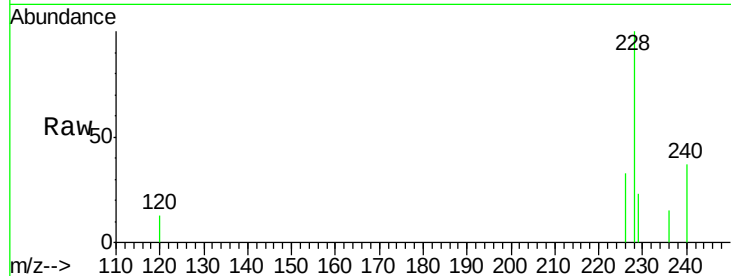




#18
Benzo(a)anthracene
Concen: 0.33 ng/ul
RT: 21.10 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BE090282.D
Acq: 29 Jul 2015 14:09

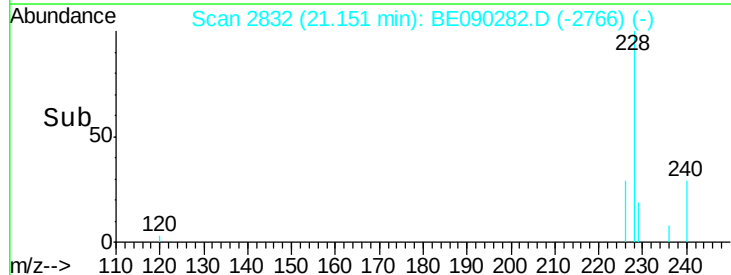
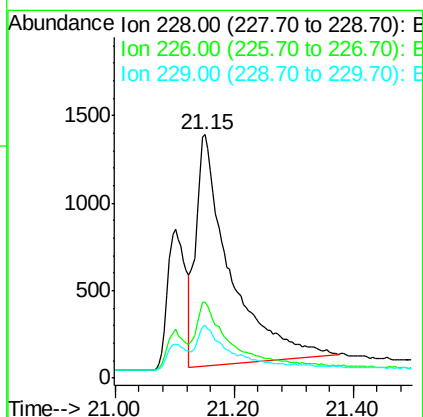
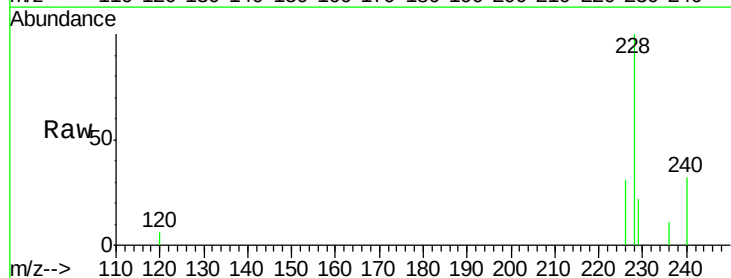
Instrument :
BNA_E
ClientSampleId :
SSTD0.449

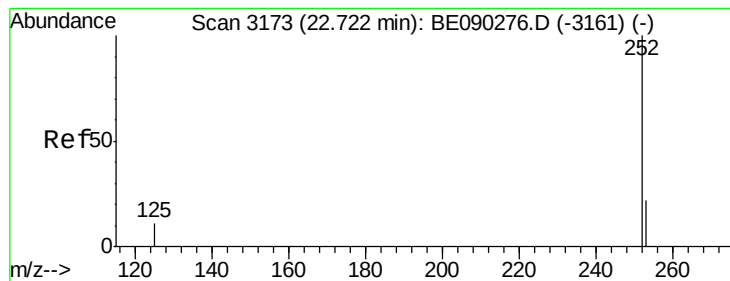
Tot Ion:228 Resp: 1695
Ion Ratio Lower Upper
228 100
226 32.7 24.6 36.8
229 23.0 17.9 26.9



#19
Chrysene
Concen: 0.35 ng/ul
RT: 21.15 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE090282.D
Acq: 29 Jul 2015 14:09

Tgt Ion:228 Resp: 5311
Ion Ratio Lower Upper
228 100
226 31.3 25.0 37.4
229 21.8 16.6 24.8





#21

Benzo(b)fluoranthene

Concen: 0.31 ng/ul

RT: 22.72 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BE090282.D

Acq: 29 Jul 2015 14:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.449

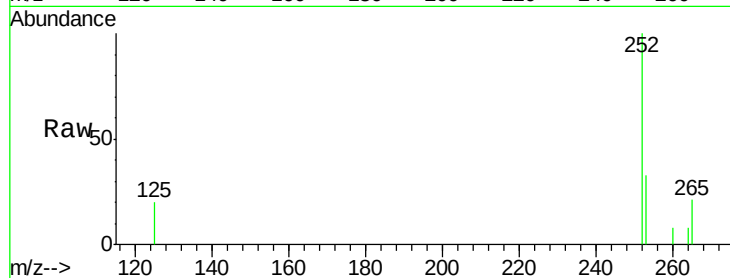
Tot Ion:252 Resp: 973

Ion Ratio Lower Upper

252 100

253 32.5 0.0 57.2

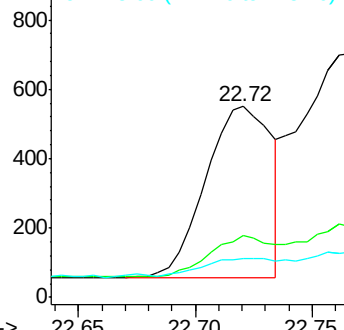
125 20.4 0.0 34.6



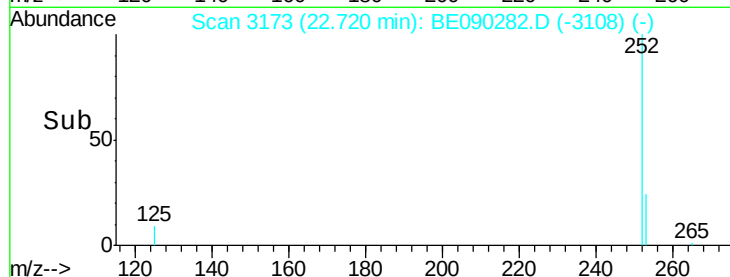
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#22

Benzo(k)fluoranthene

Concen: 0.30 ng/ul

RT: 22.77 min Scan# 3183

Delta R.T. 0.00 min

Lab File: BE090282.D

Acq: 29 Jul 2015 14:09

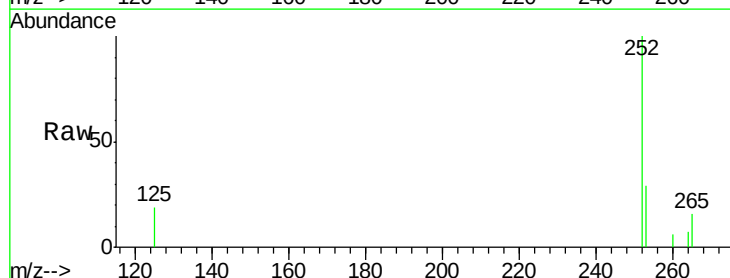
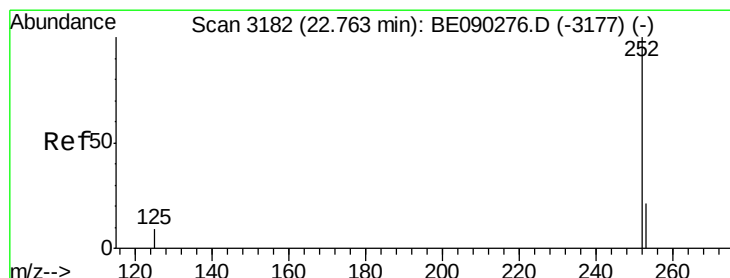
Tgt Ion:252 Resp: 2965

Ion Ratio Lower Upper

252 100

253 29.1 21.3 31.9

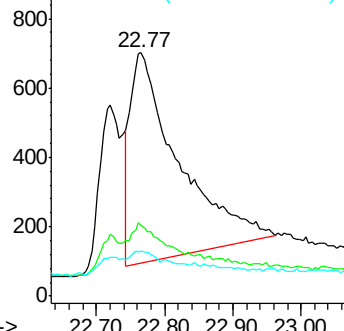
125 18.7 13.3 19.9



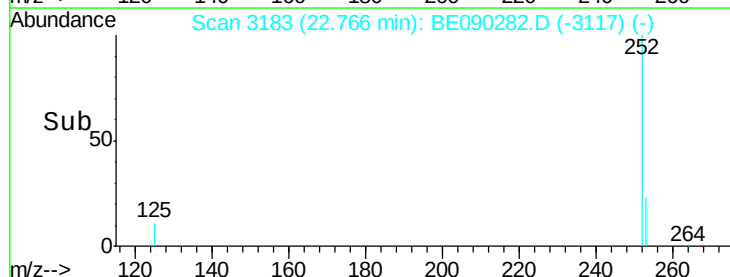
Abundance Ion 252.00 (251.70 to 252.70): E

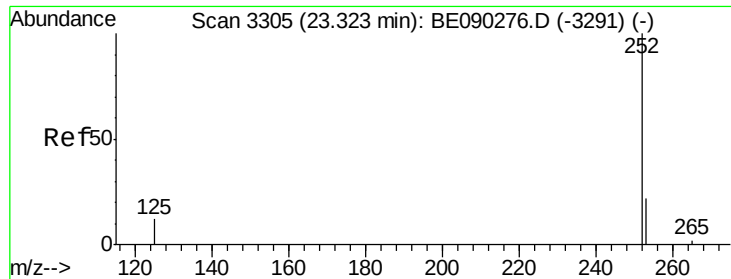
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#23

Benzo(a)pyrene

Concen: 0.32 ng/ul

RT: 23.32 min Scan# 3304

Delta R.T. -0.01 min

Lab File: BE090282.D

Acq: 29 Jul 2015 14:09

Instrument :

BNA_E

ClientSampled :

SSTD0.449

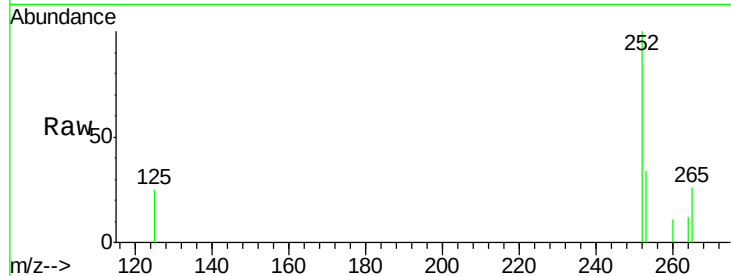
Tot Ion:252 Resp: 1330

Ion Ratio Lower Upper

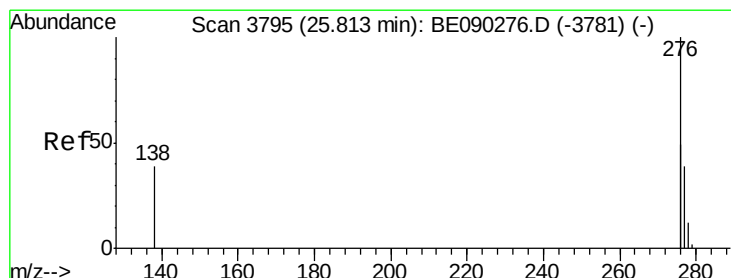
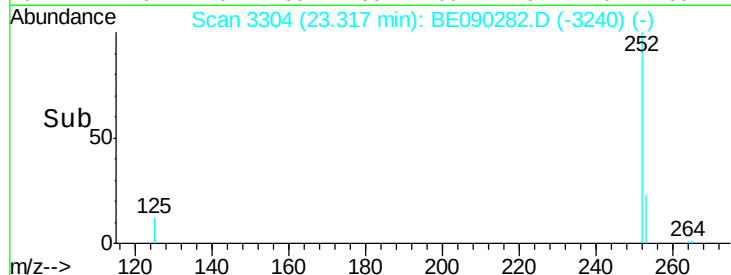
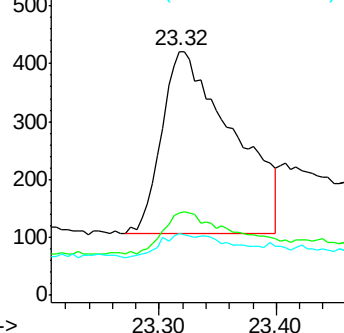
252 100

253 33.7 24.9 37.3

125 25.4 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: 0.28 ng/ul

RT: 25.81 min Scan# 3795

Delta R.T. -0.00 min

Lab File: BE090282.D

Acq: 29 Jul 2015 14:09

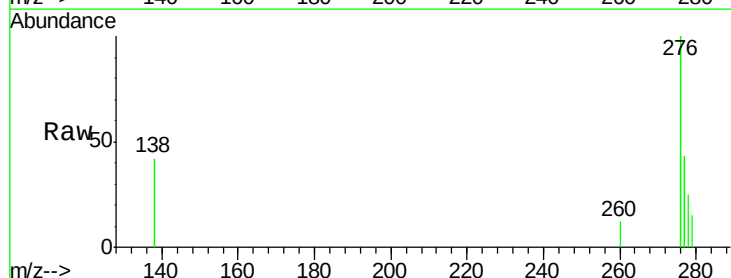
Tgt Ion:276 Resp: 3693

Ion Ratio Lower Upper

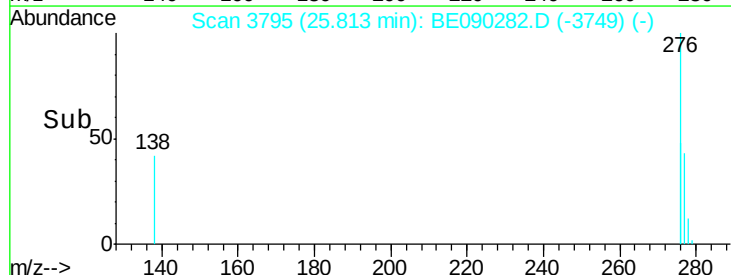
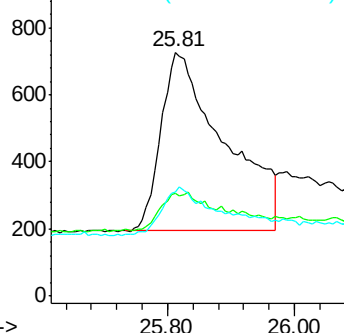
276 100

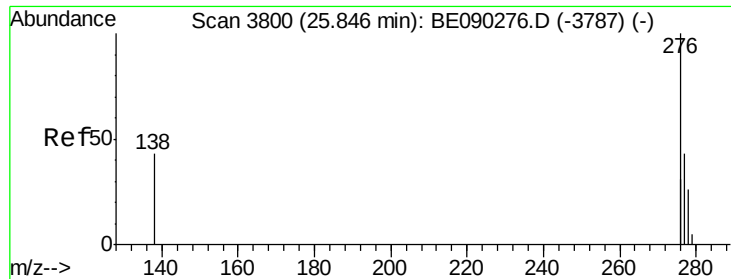
138 7.0 13.5 20.3#

277 25.1 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

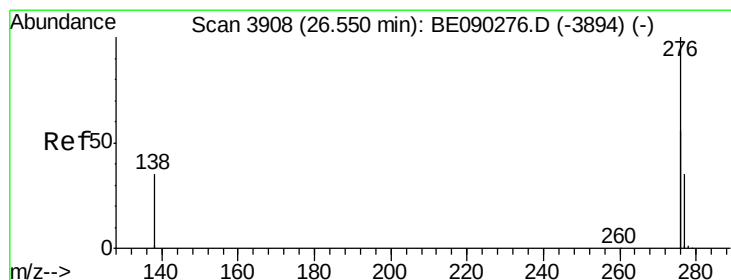
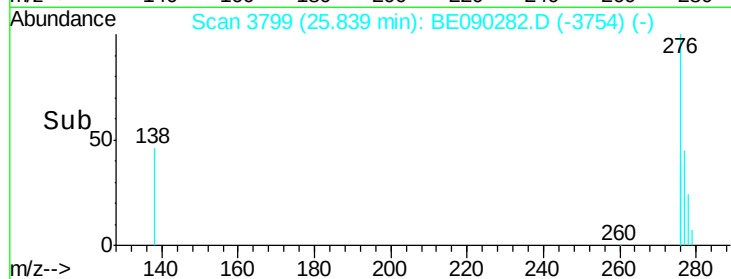
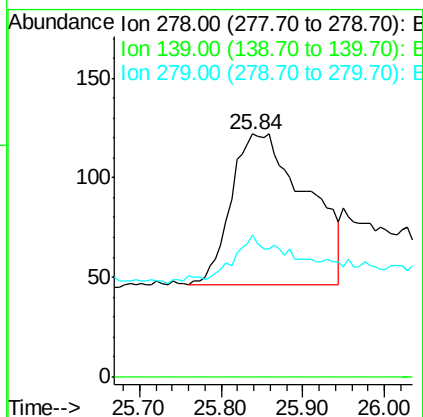
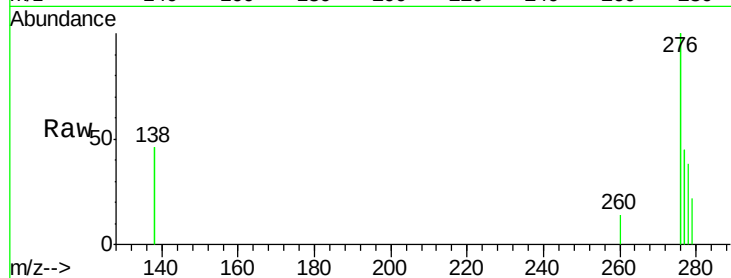




#25
Dibenzo(a,h)anthracene
Concen: 0.31 ng/ul
RT: 25.84 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BE090282.D
Acq: 29 Jul 2015 14:09

Instrument :
BNA_E
ClientSampleId :
SSTD0.449

Tot Ion:278 Resp: 489
Ion Ratio Lower Upper
278 100
139 0.0 0.0 0.0
279 58.2 37.4 56.0#



#26
Benzo(g,h,i)perylene
Concen: 0.33 ng/ul
RT: 26.54 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BE090282.D
Acq: 29 Jul 2015 14:09

Tgt Ion:276 Resp: 6013
Ion Ratio Lower Upper
276 100
277 36.1 25.5 38.3
138 35.0 23.9 35.9

