

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072215\
 Data File : BE090205.D
 Acq On : 21 Jul 2015 18:31
 Operator : TP/IZ
 Sample : SST00.420
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 22 03:06:17 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 03:03:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	854	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	4091	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2283	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6282	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	5171	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	3338	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	2563	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	7123	0.38	ng/ul	0.00

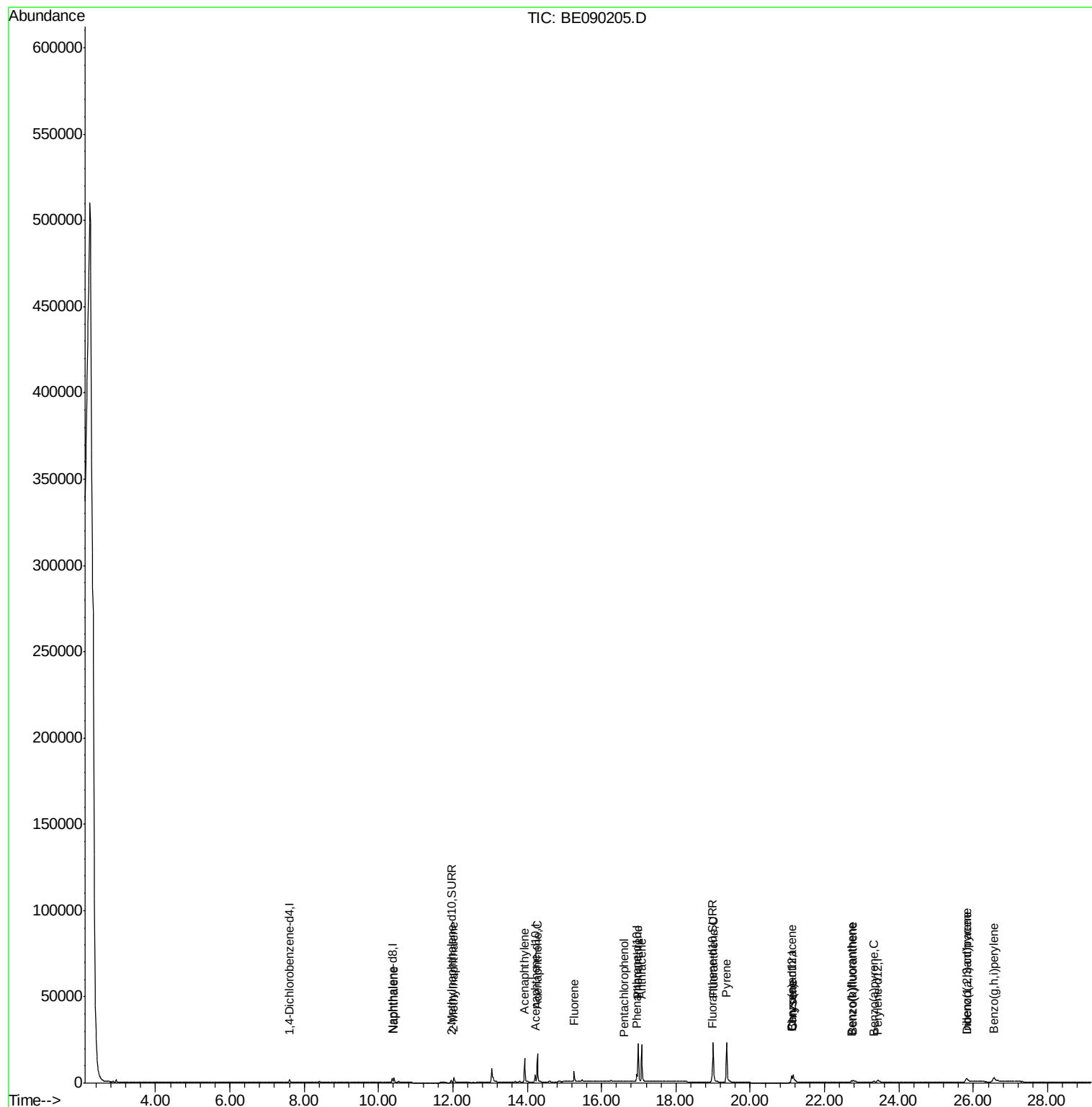
Target Compounds						Ovalue
3) Naphthalene	10.41	128	4253	0.39	ng/ul	100
5) 2-Methylnaphthalene	12.03	142	2841	0.39	ng/ul	100
7) Acenaphthylene	13.93	152	19110	0.40	ng/ul	100
8) Acenaphthene	14.27	153	13714	0.39	ng/ul	100
9) Fluorene	15.26	166	4109	0.40	ng/ul	100
11) Pentachlorophenol	16.61	266	155	0.26	ng/ul	100
12) Phenanthrene	16.98	178	27673	0.38	ng/ul	100
13) Anthracene	17.07	178	27199	0.39	ng/ul	100
15) Fluoranthene	19.00	202	31882	0.37	ng/ul	100
17) Pyrene	19.36	202	32299	0.47	ng/ul	100
18) Benzo(a)anthracene	21.10	228	3092	0.25	ng/ul	100
19) Chrysene	21.15	228	8090	0.47	ng/ul	100
21) Benzo(b)fluoranthene	22.72	252	1573	0.19	ng/ul	100
22) Benzo(k)fluoranthene	22.76	252	3789	0.31	ng/ul	100
23) Benzo(a)pyrene	23.32	252	2427	0.27	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.81	276	7436	0.19	ng/ul	100
25) Dibenzo(a,h)anthracene	25.83	278	1024	0.13	ng/ul	100
26) Benzo(g,h,i)perylene	26.56	276	9320	0.25	ng/ul	100

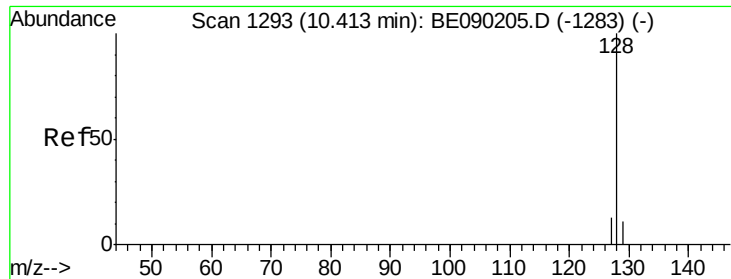
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.39 ng/ul

RT: 10.41 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BE090205.D

Acq: 21 Jul 2015 18:31

Instrument :

BNA_E

ClientSampleId :

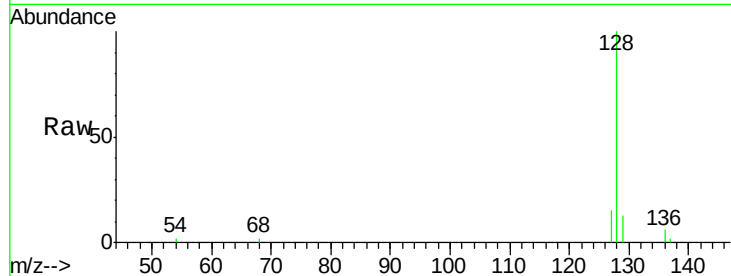
Tot Ion:128 Resp: 4253

Ion Ratio Lower Upper

128 100

129 12.7 10.2 15.2

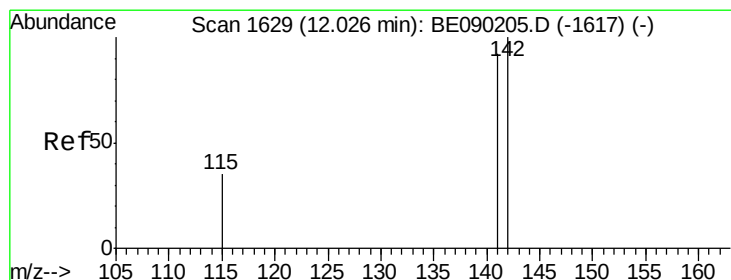
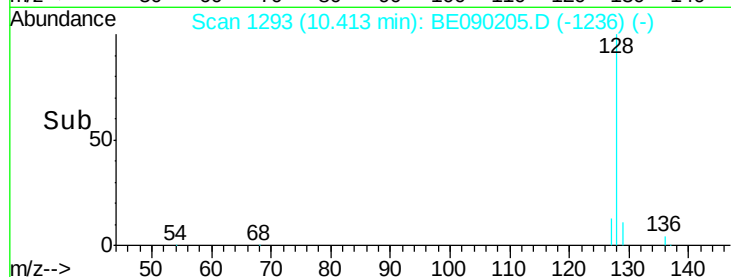
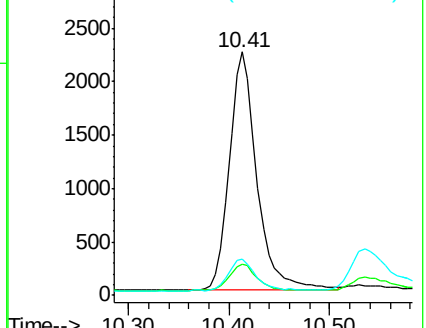
127 14.7 11.8 17.6



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: 0.39 ng/ul

RT: 12.03 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BE090205.D

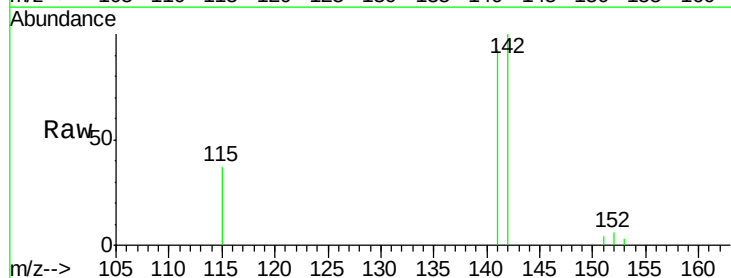
Acq: 21 Jul 2015 18:31

Tgt Ion:142 Resp: 2841

Ion Ratio Lower Upper

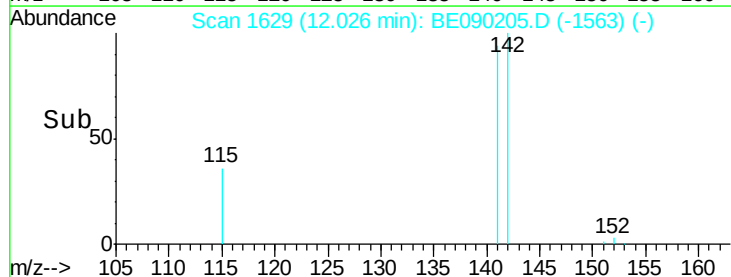
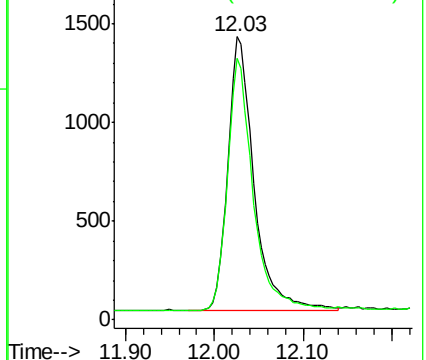
142 100

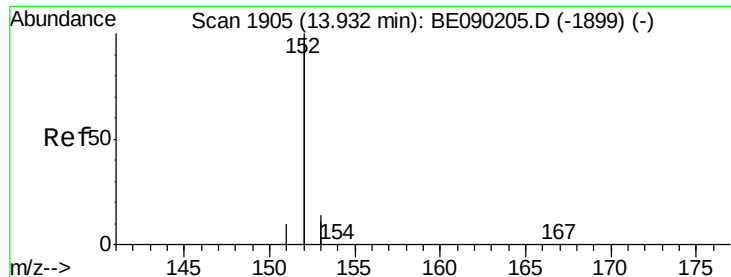
141 91.3 73.0 109.6



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: 13.93 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BE090205.D

Acq: 21 Jul 2015 18:31

Instrument :

BNA_E

ClientSampleId :

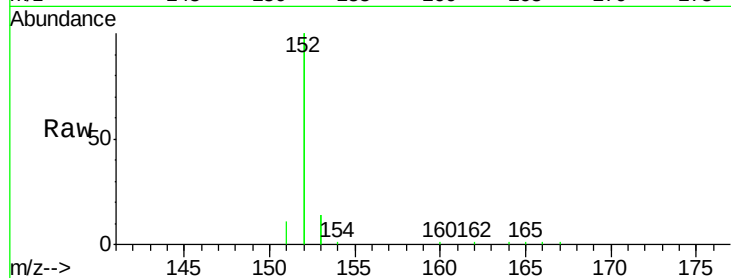
Tot Ion:152 Resp: 19110

Ion Ratio Lower Upper

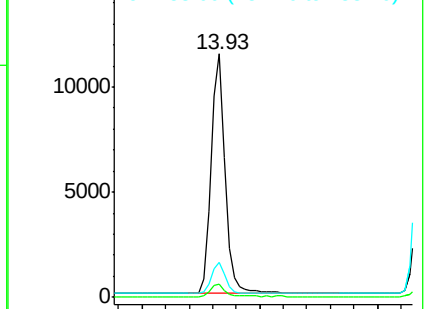
152 100

151 5.3 4.2 6.4

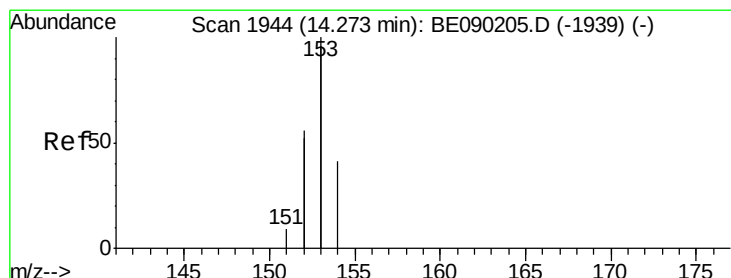
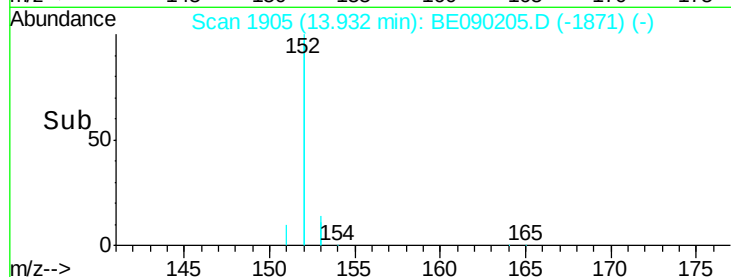
153 14.4 11.5 17.3



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



Time-->



#8

Acenaphthene

Concen: 0.39 ng/ul

RT: 14.27 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BE090205.D

Acq: 21 Jul 2015 18:31

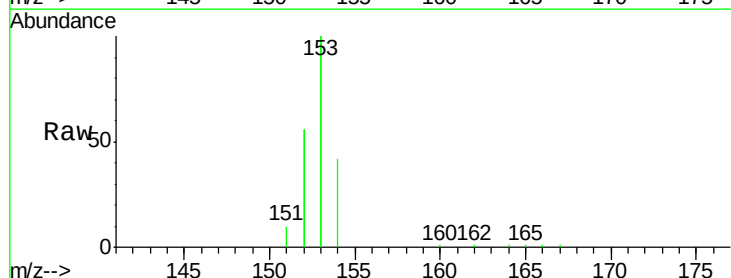
Tgt Ion:153 Resp: 13714

Ion Ratio Lower Upper

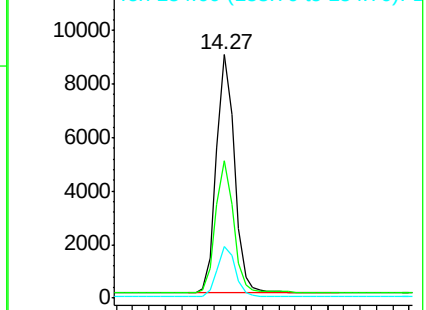
153 100

152 56.2 45.0 67.4

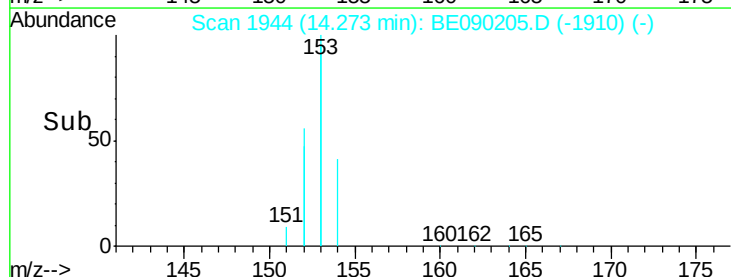
154 21.0 16.8 25.2

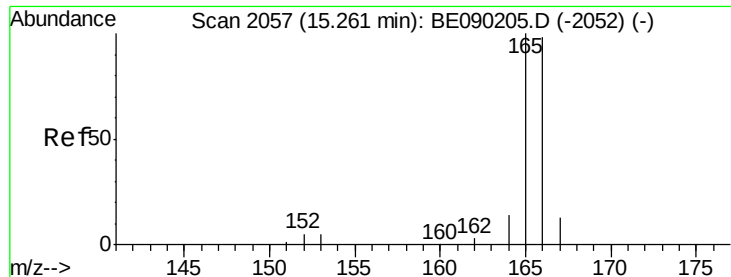


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->

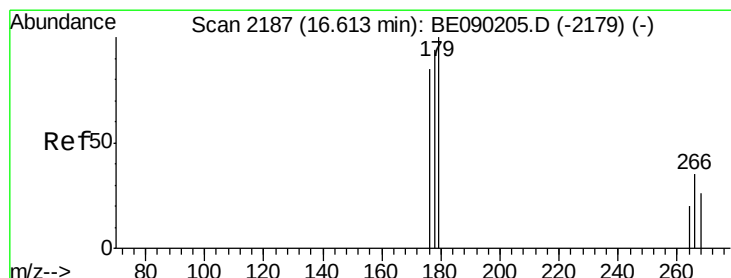
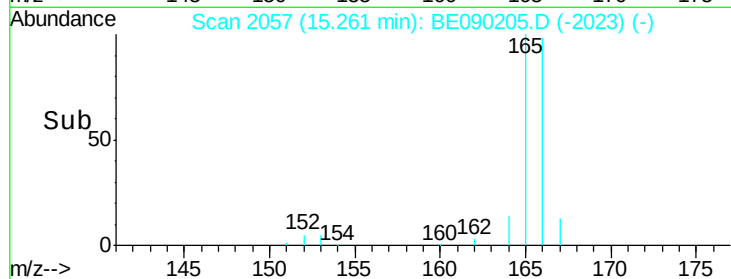
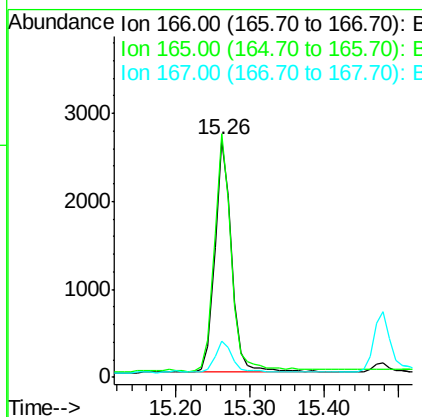
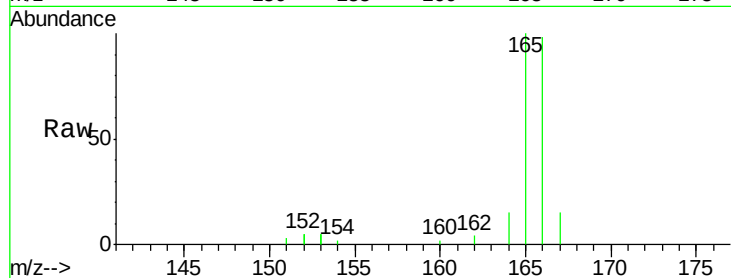




#9
Fluorene
 Concen: 0.40 ng/ul
 RT: 15.26 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BE090205.D
 Acq: 21 Jul 2015 18:31

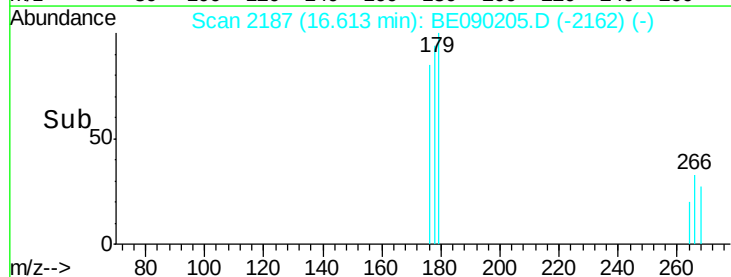
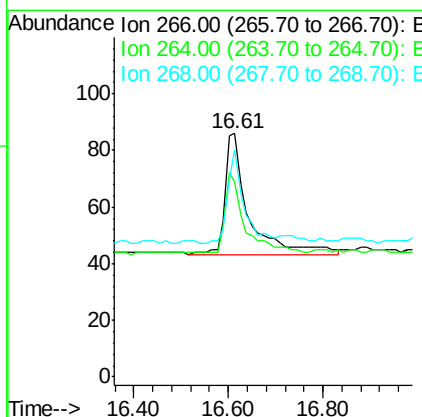
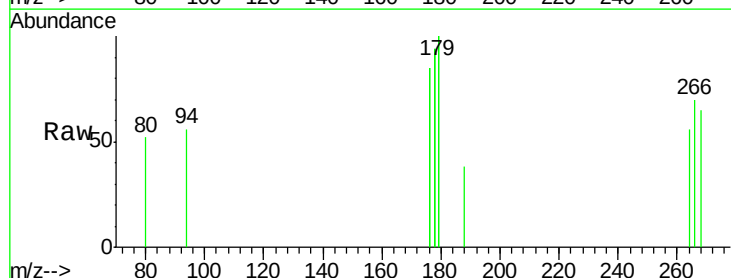
Instrument :
 BNA_E
 ClientSampleId :

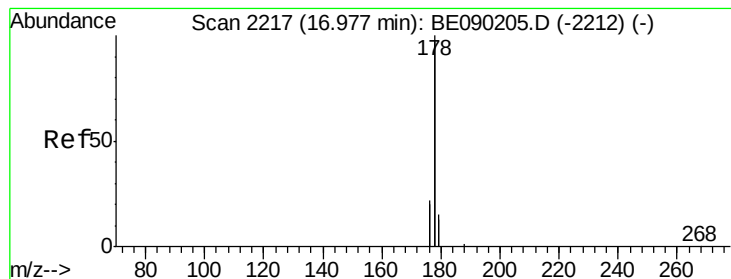
Tot Ion:166 Resp: 4109
 Ion Ratio Lower Upper
 166 100
 165 102.4 81.9 122.9
 167 15.2 12.2 18.2



#11
Pentachlorophenol
 Concen: 0.26 ng/ul
 RT: 16.61 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: BE090205.D
 Acq: 21 Jul 2015 18:31

Tgt Ion:266 Resp: 155
 Ion Ratio Lower Upper
 266 100
 264 64.5 51.6 77.4
 268 51.6 41.3 61.9





#12

Phenanthrene

Concen: 0.38 ng/ul

RT: 16.98 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BE090205.D

Acq: 21 Jul 2015 18:31

Instrument :

BNA_E

ClientSampleId :

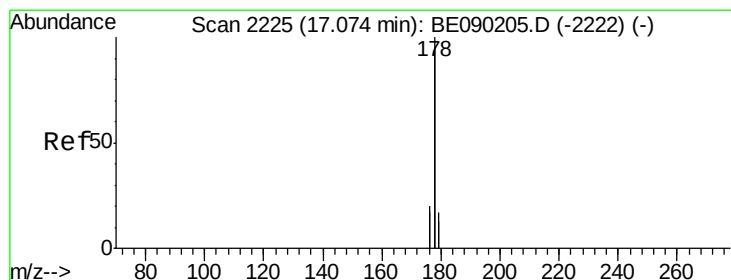
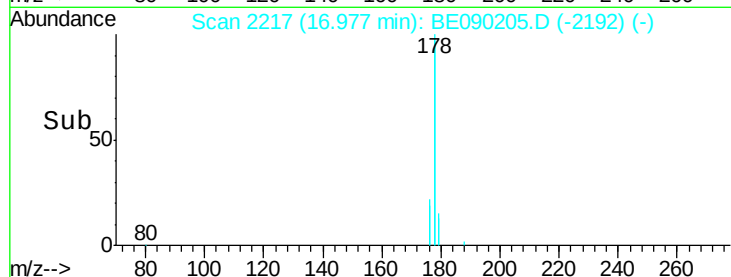
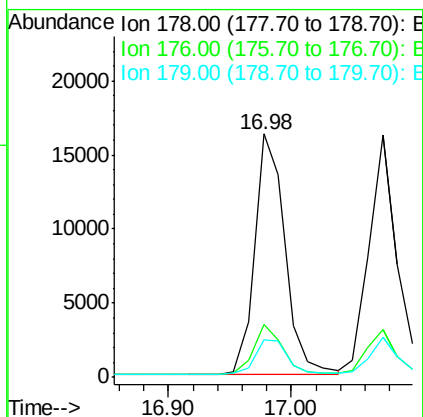
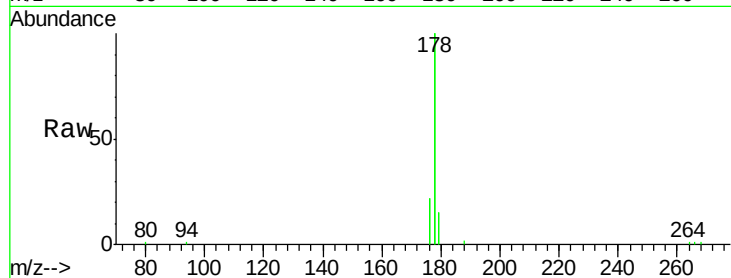
Tot Ion:178 Resp: 27673

Ion Ratio Lower Upper

178 100

176 22.0 17.6 26.4

179 15.3 12.2 18.4



#13

Anthracene

Concen: 0.39 ng/ul

RT: 17.07 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BE090205.D

Acq: 21 Jul 2015 18:31

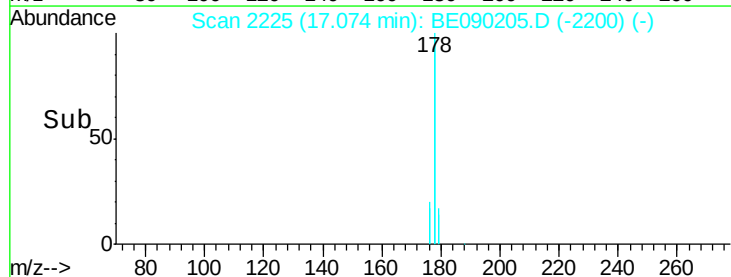
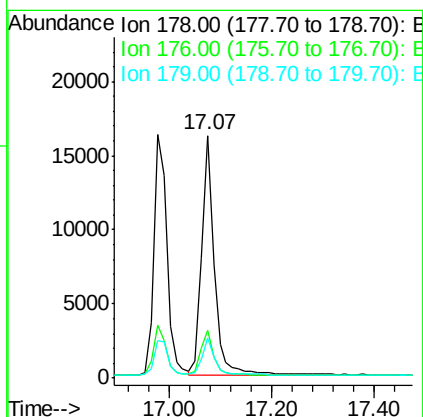
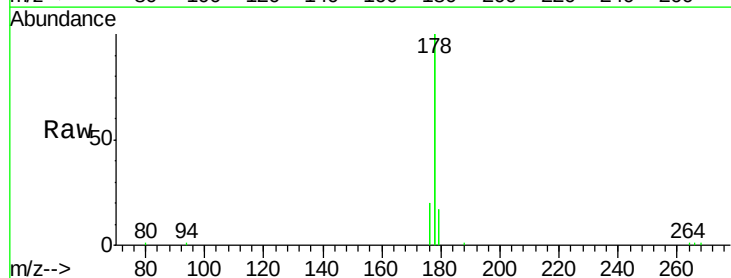
Tgt Ion:178 Resp: 27199

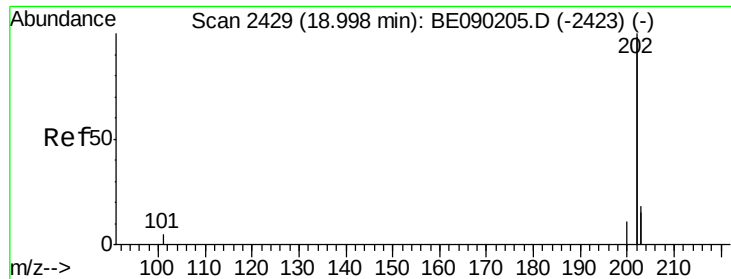
Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

179 16.6 13.3 19.9

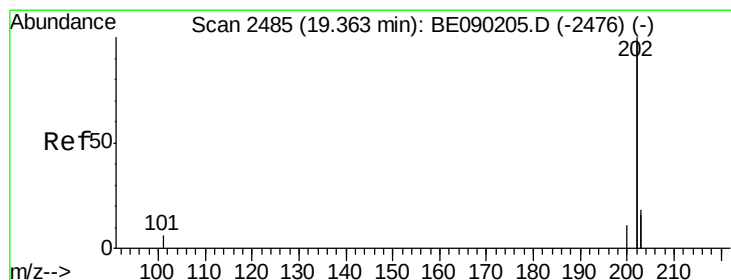
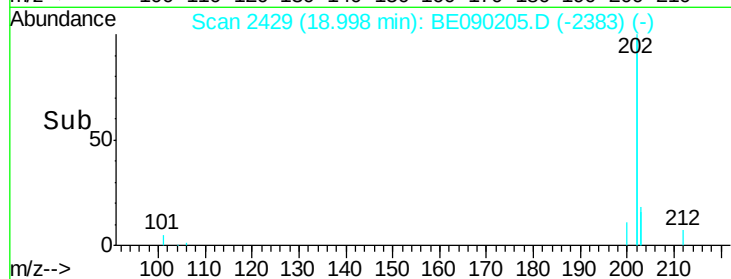
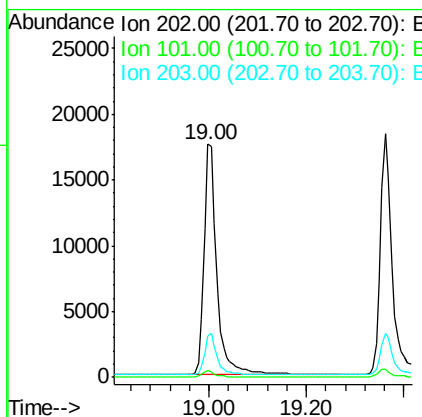
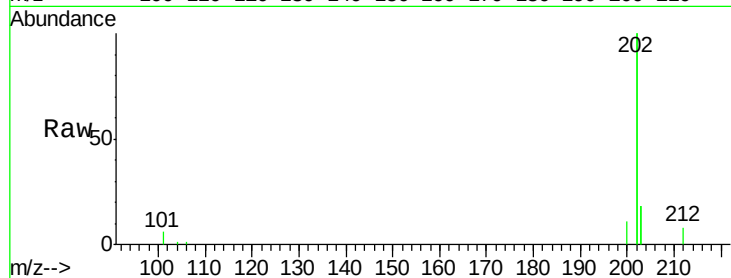




#15
 Fluoranthene
 Concen: 0.37 ng/ul
 RT: 19.00 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BE090205.D
 Acq: 21 Jul 2015 18:31

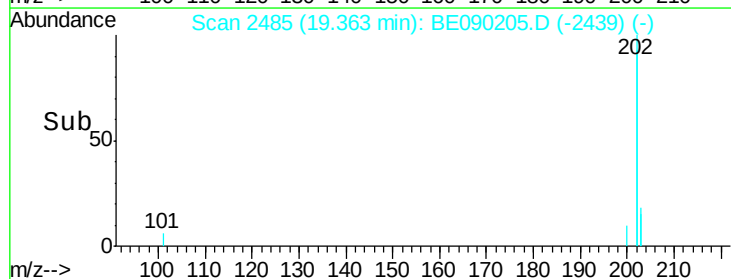
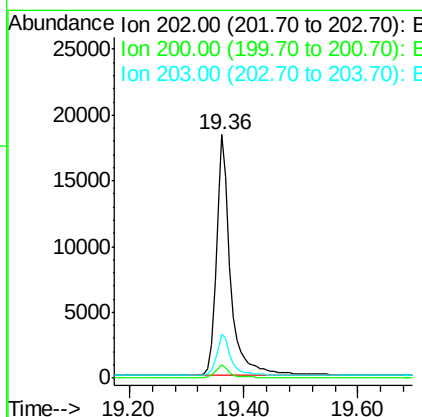
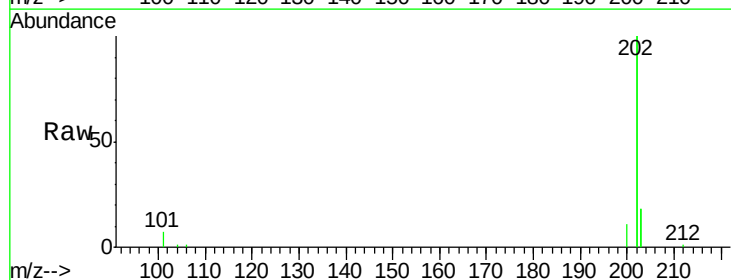
Instrument :
 BNA_E
 ClientSampleId :

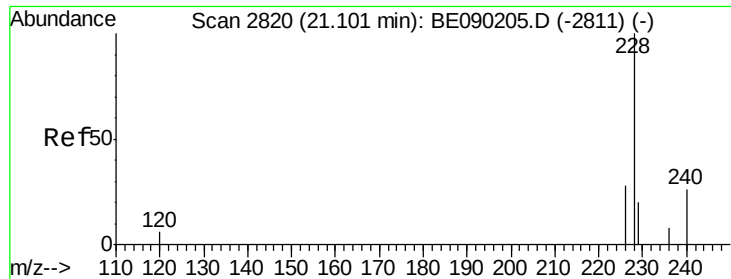
Tot Ion:202 Resp: 31882
 Ion Ratio Lower Upper
 202 100
 101 3.0 0.0 23.0
 203 17.8 0.0 37.8



#17
 Pyrene
 Concen: 0.47 ng/ul
 RT: 19.36 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BE090205.D
 Acq: 21 Jul 2015 18:31

Tgt Ion:202 Resp: 32299
 Ion Ratio Lower Upper
 202 100
 200 5.5 4.4 6.6
 203 18.3 14.6 22.0

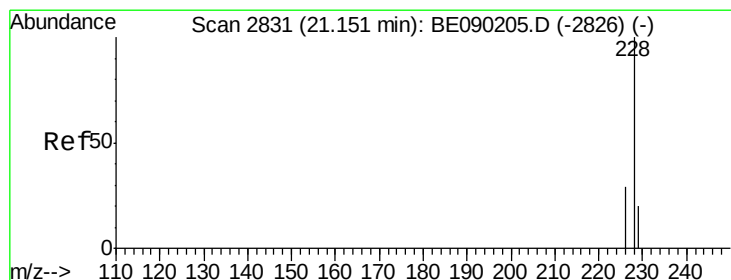
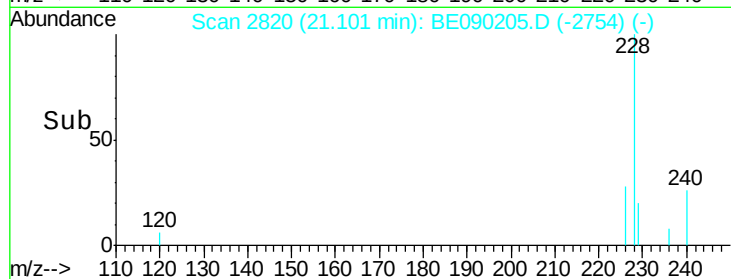
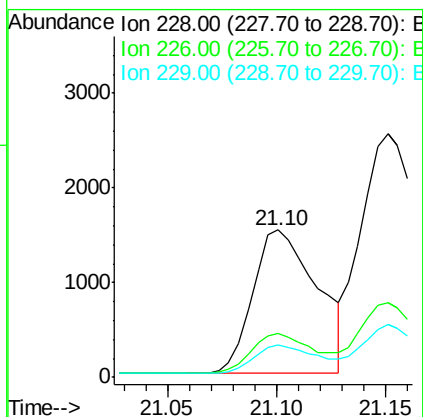
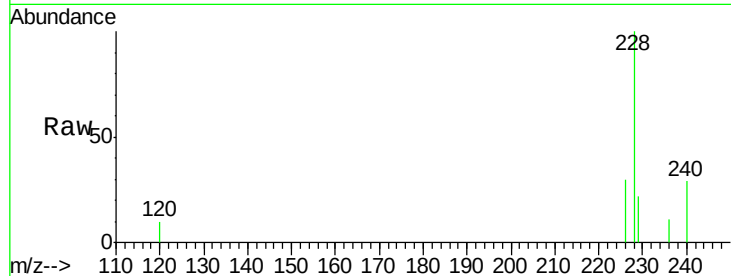




#18
Benzo(a)anthracene
Concen: 0.25 ng/ul
RT: 21.10 min Scan# 2820
Delta R.T. 0.00 min
Lab File: BE090205.D
Acq: 21 Jul 2015 18:31

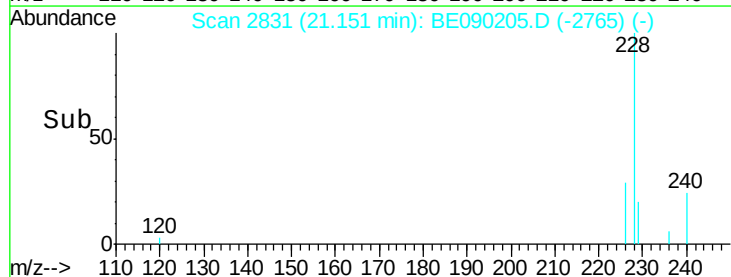
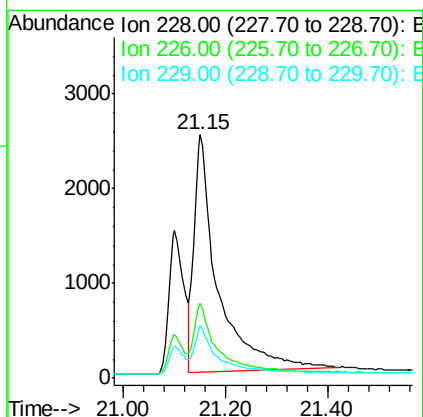
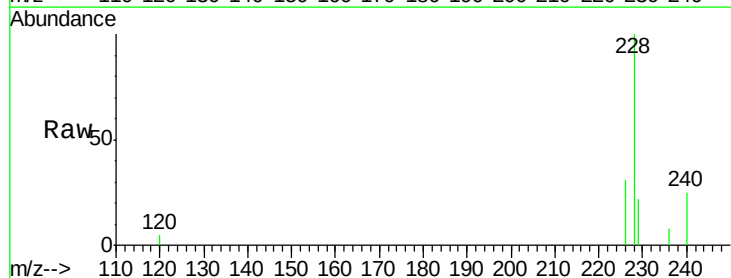
Instrument :
BNA_E
ClientSampleId :

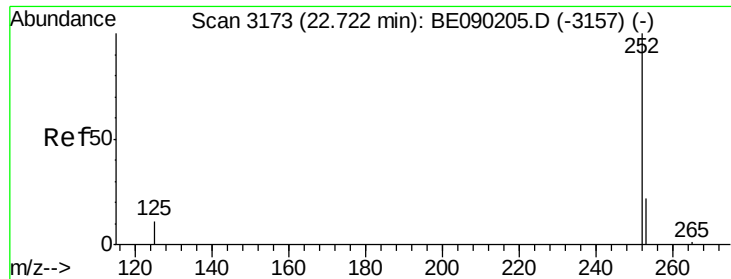
Tot Ion:228 Resp: 3092
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 22.4 17.9 26.9



#19
Chrysene
Concen: 0.47 ng/ul
RT: 21.15 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BE090205.D
Acq: 21 Jul 2015 18:31

Tgt Ion:228 Resp: 8090
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 21.8 17.4 26.2

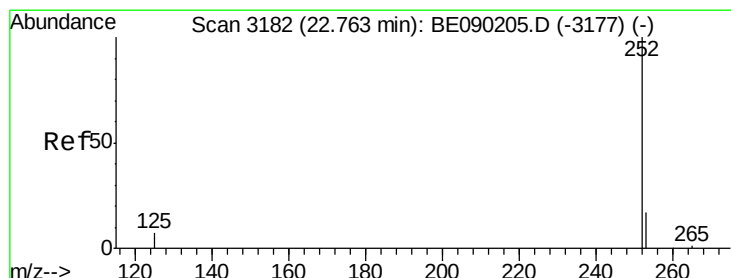
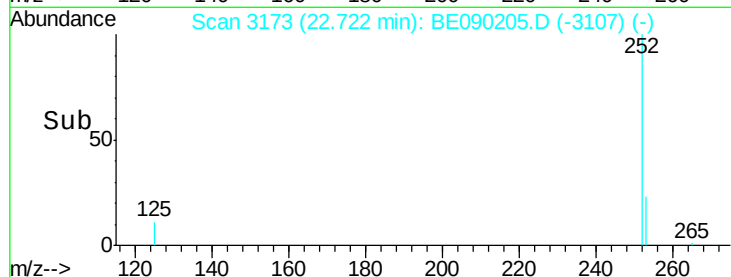
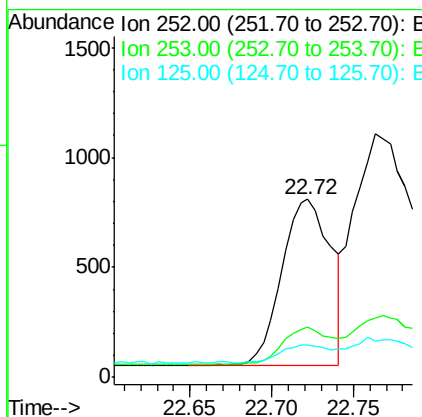
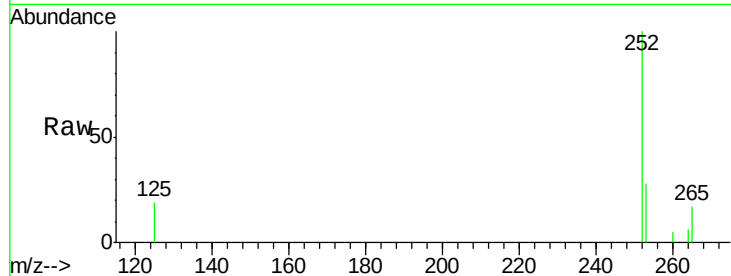




#21
Benzo(b)fluoranthene
Concen: 0.19 ng/ul
RT: 22.72 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BE090205.D
Acq: 21 Jul 2015 18:31

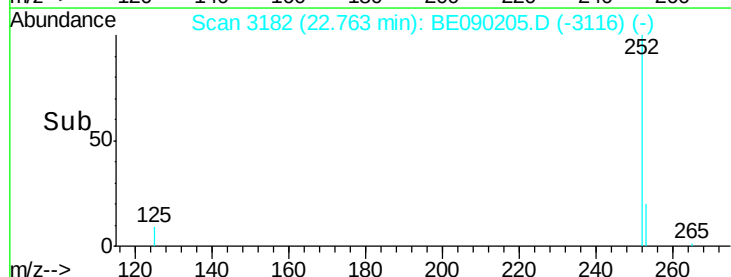
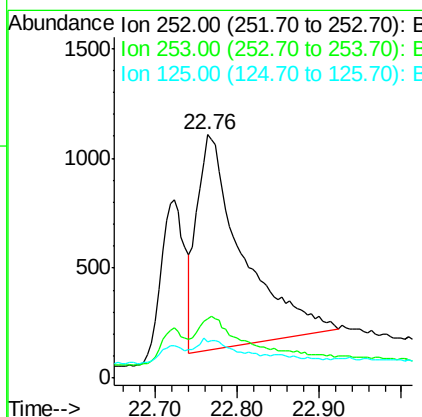
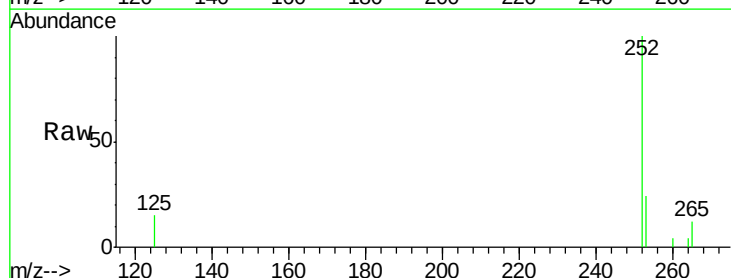
Instrument :
BNA_E
ClientSampleId :

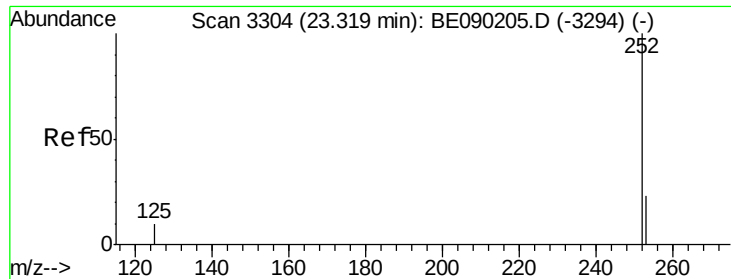
Tot Ion:252 Resp: 1573
Ion Ratio Lower Upper
252 100
253 28.4 0.0 56.8
125 18.5 0.0 37.0



#22
Benzo(k)fluoranthene
Concen: 0.31 ng/ul
RT: 22.76 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BE090205.D
Acq: 21 Jul 2015 18:31

Tgt Ion:252 Resp: 3789
Ion Ratio Lower Upper
252 100
253 24.4 19.5 29.3
125 14.9 11.9 17.9





#23

Benzo(a)pyrene

Concen: 0.27 ng/ul

RT: 23.32 min Scan# 3304

Delta R.T. 0.00 min

Lab File: BE090205.D

Acq: 21 Jul 2015 18:31

Instrument :

BNA_E

ClientSampleId :

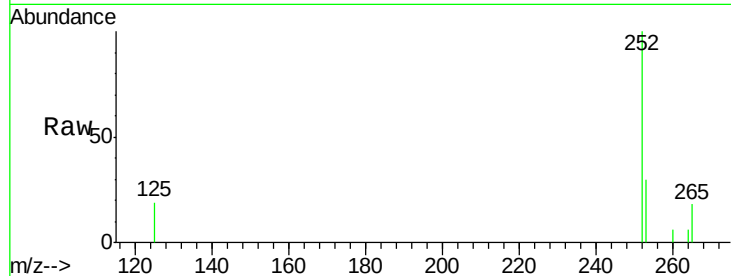
Tot Ion:252 Resp: 2427

Ion Ratio Lower Upper

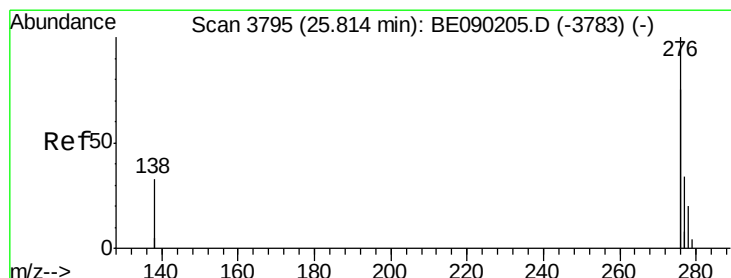
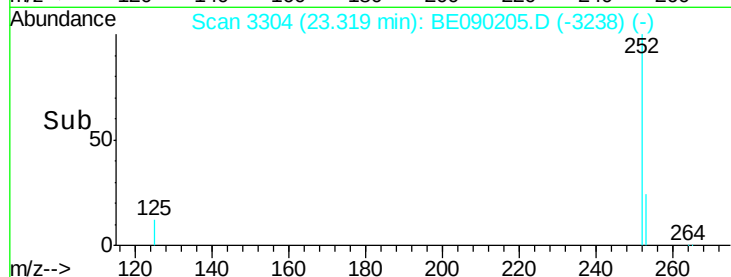
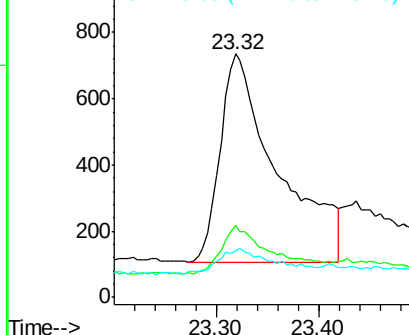
252 100

253 29.6 23.7 35.5

125 19.3 15.4 23.2



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

Indeno(1,2,3-cd)pyrene

Concen: 0.19 ng/ul

RT: 25.81 min Scan# 3795

Delta R.T. 0.00 min

Lab File: BE090205.D

Acq: 21 Jul 2015 18:31

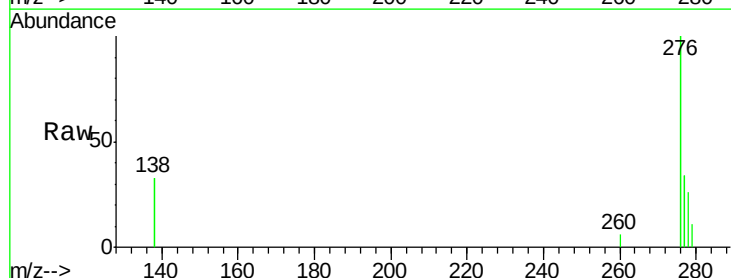
Tgt Ion:276 Resp: 7436

Ion Ratio Lower Upper

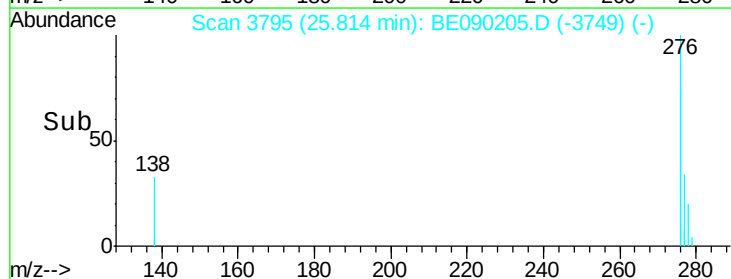
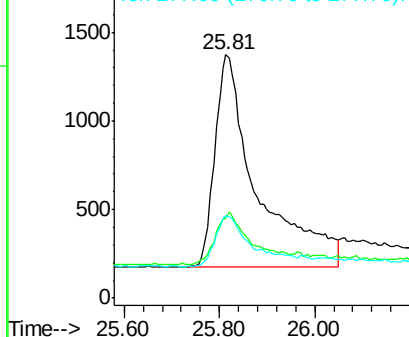
276 100

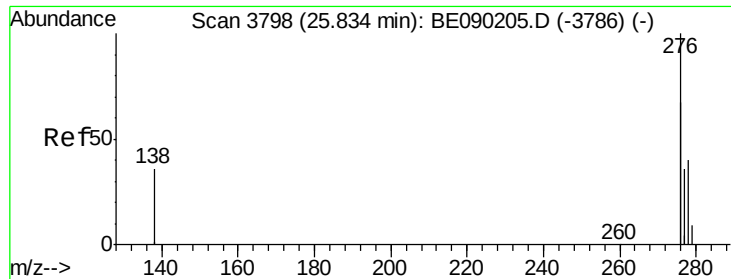
138 21.1 16.9 25.3

277 21.2 17.0 25.4



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

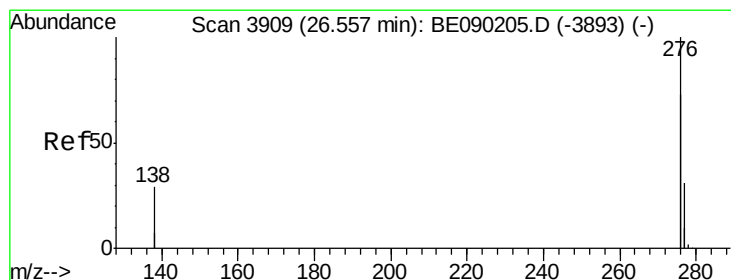
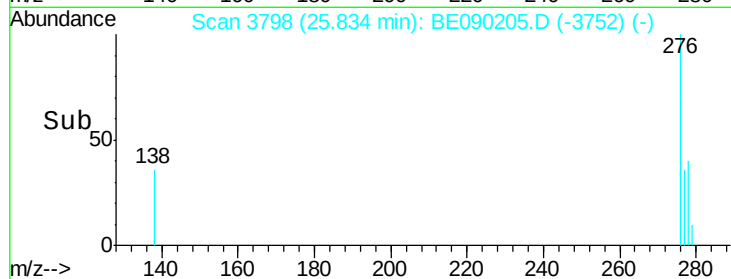
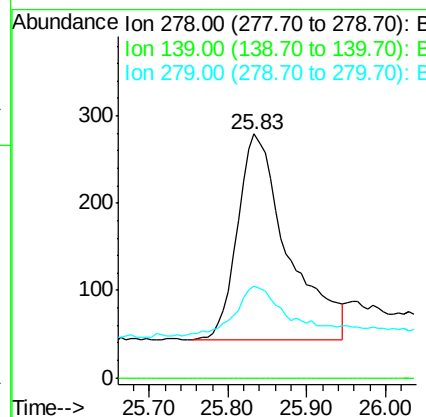
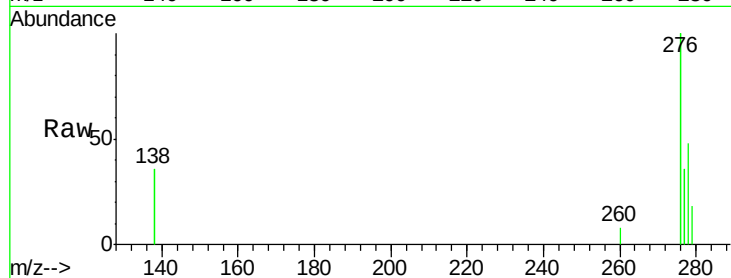




#25
Dibenzo(a,h)anthracene
Concen: 0.13 ng/ul
RT: 25.83 min Scan# 3798
Delta R.T. 0.00 min
Lab File: BE090205.D
Acq: 21 Jul 2015 18:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 1024
Ion Ratio Lower Upper
278 100
139 0.0 0.0 0.0
279 37.6 30.1 45.1



#26
Benzo(g,h,i)perylene
Concen: 0.25 ng/ul
RT: 26.56 min Scan# 3909
Delta R.T. 0.00 min
Lab File: BE090205.D
Acq: 21 Jul 2015 18:31

Tgt Ion:276 Resp: 9320
Ion Ratio Lower Upper
276 100
277 30.7 24.6 36.8
138 29.4 23.5 35.3

