

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111515\
 Data File : BE091171.D
 Acq On : 15 Nov 2015 14:02
 Operator : UM/NP
 Sample : G4322-15DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS6DL

Quant Time: Nov 16 04:56:35 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 16 04:54:02 2015
 Response via : Initial Calibration

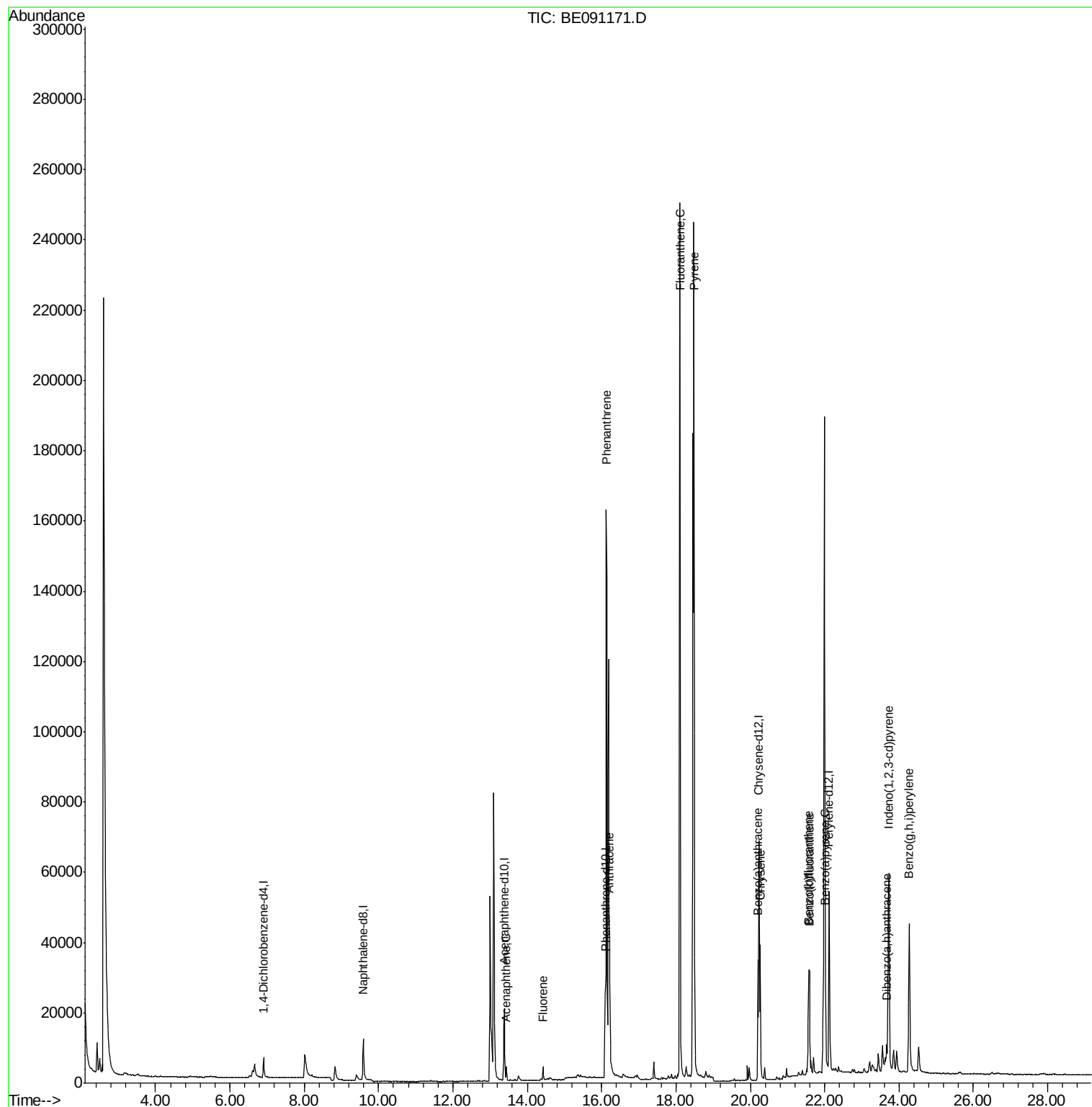
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	3479	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.59	136	18119	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.38	164	11545	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.10	188	31024	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	57544	0.40	ng/ul	0.00
22) Perylene-d12	22.12	264	53805	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.07	96	55	0.02	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.12	152	658	0.03	ng/ul	0.03
16) Fluoranthene-d10	18.08	212	1968	0.02	ng/ul	0.00
Target Compounds				Qvalue		
10) Acenaphthene	13.44	153	2183	0.06	ng/ul	88
11) Fluorene	14.42	166	2676	0.05	ng/ul#	93
14) Phenanthrene	16.12	178	198596	0.55	ng/ul	97
15) Anthracene	16.21	178	41954	0.13	ng/ul	98
17) Fluoranthene	18.11	202	292302	0.70	ng/ul	88
19) Pyrene	18.49	202	261436	0.40	ng/ul#	79
20) Benzo(a)anthracene	20.21	228	29813	0.20	ng/ul	96
21) Chrysene	20.27	228	36383	0.21	ng/ul	99
23) Benzo(b)fluoranthene	21.56	252	28579	0.17	ng/ul	98
24) Benzo(k)fluoranthene	21.59	252	28734	0.17	ng/ul	99
25) Benzo(a)pyrene	22.02	252	30205	0.20	ng/ul	95
26) Indeno(1,2,3-cd)pyrene	23.72	276	76150	0.12	ng/ul#	89
27) Dibenzo(a,h)anthracene	23.67	278	6445	0.04	ng/ul#	73
28) Benzo(g,h,i)perylene	24.28	276	70027	0.10	ng/ul	98

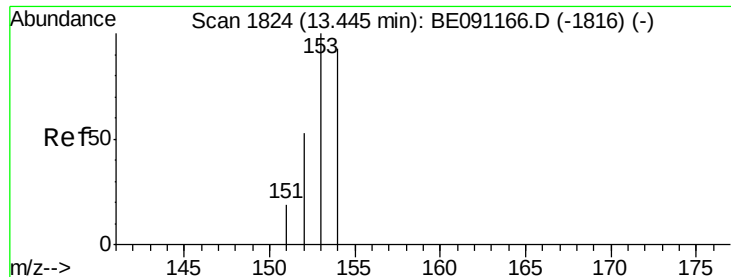
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111515\
Data File : BE091171.D
Acq On : 15 Nov 2015 14:02
Operator : UM/NP
Sample : G4322-15DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A4HS6DL

Quant Time: Nov 16 04:56:35 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 16 04:54:02 2015
Response via : Initial Calibration





#10

Acenaphthene

Concen: 0.06 ng/ul

RT: 13.44 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

Instrument :

BNA_E

ClientSampleId :

A4HS6DL

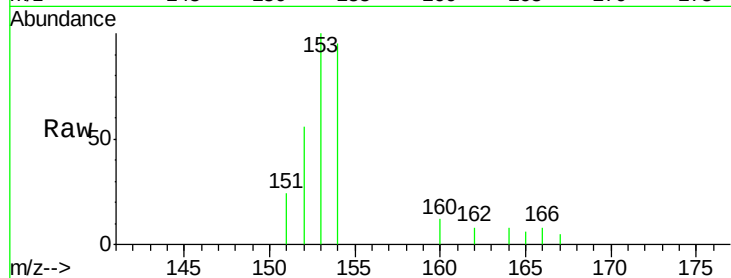
Tgt Ion:153 Resp: 2183

Ion Ratio Lower Upper

153 100

152 56.5 42.3 63.5

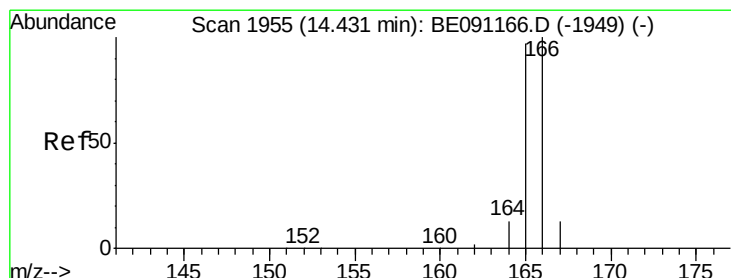
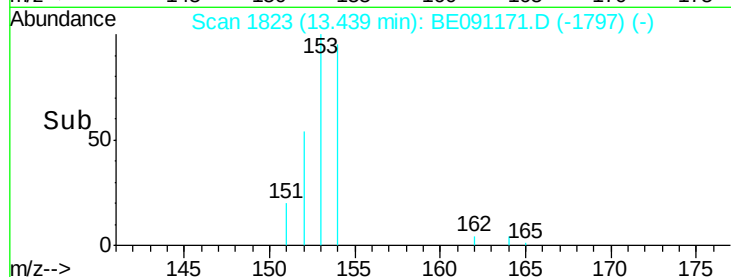
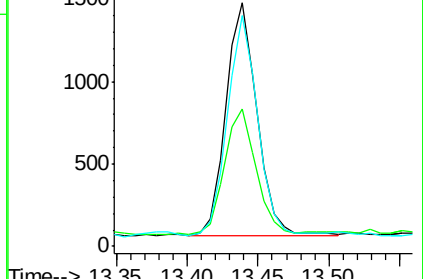
154 95.0 64.7 97.1



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



#11

Fluorene

Concen: 0.05 ng/ul

RT: 14.42 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

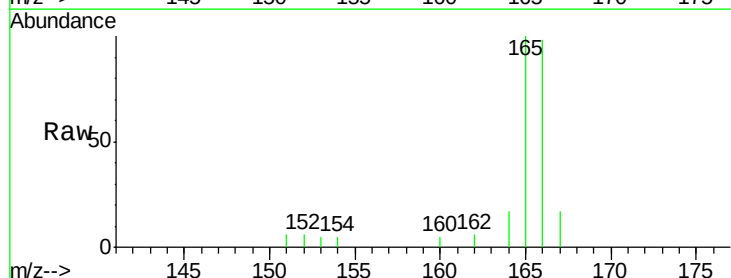
Tgt Ion:166 Resp: 2676

Ion Ratio Lower Upper

166 100

165 101.9 87.6 131.4

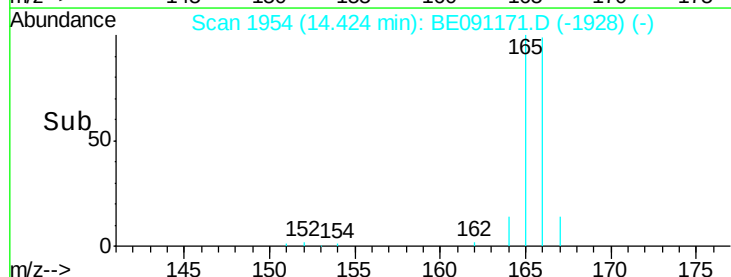
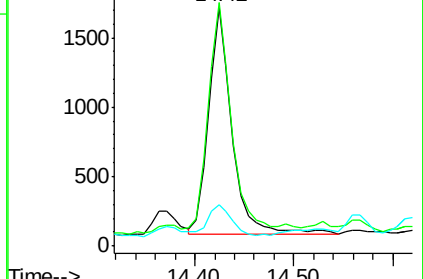
167 17.5 11.1 16.7#

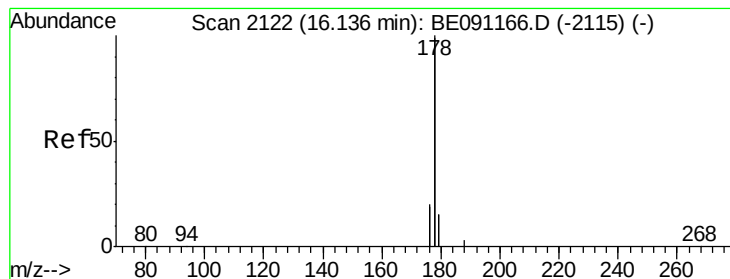


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#14

Phenanthrene

Concen: 0.55 ng/ul

RT: 16.12 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

Instrument :

BNA_E

ClientSampleId :

A4HS6DL

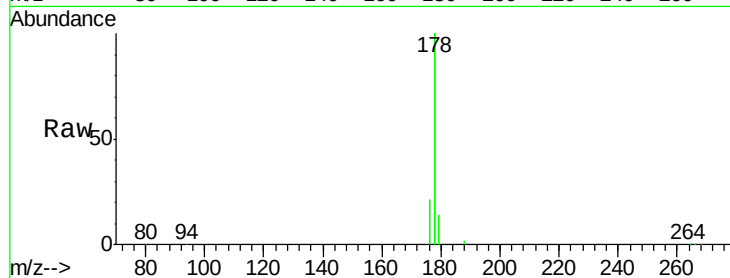
Tgt Ion:178 Resp: 198596

Ion Ratio Lower Upper

178 100

176 21.1 16.2 24.4

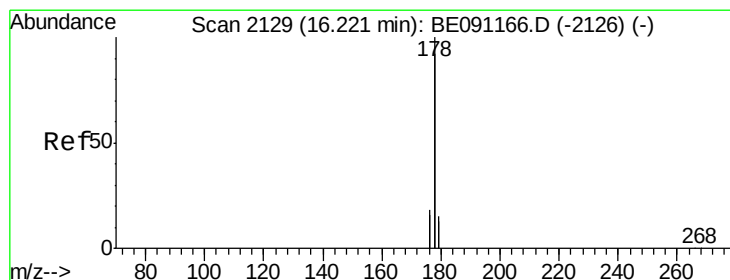
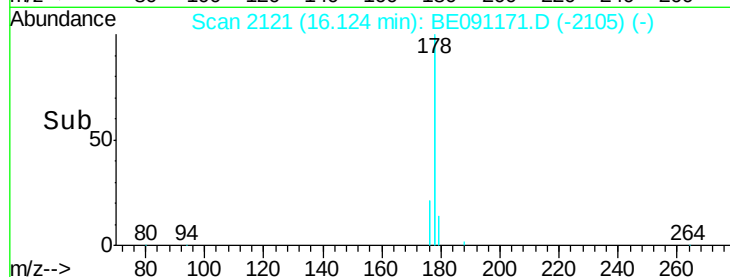
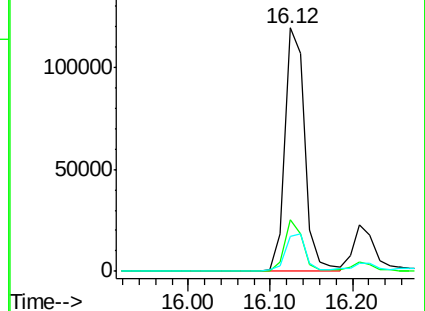
179 14.4 12.8 19.2



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

Anthracene

Concen: 0.13 ng/ul

RT: 16.21 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

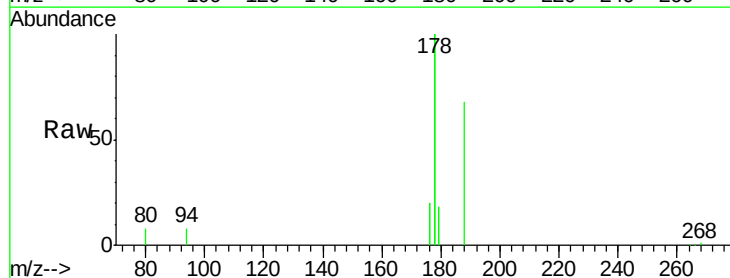
Tgt Ion:178 Resp: 41954

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

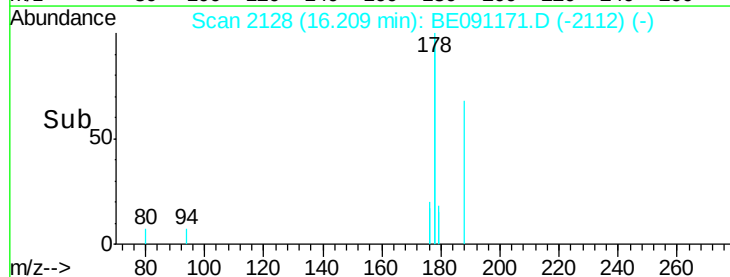
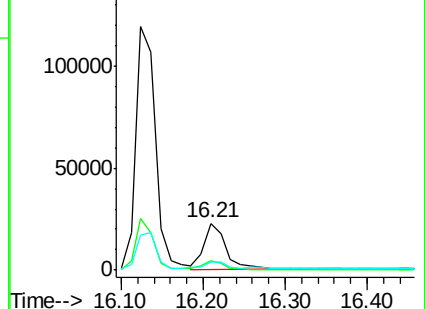
179 17.8 13.3 19.9

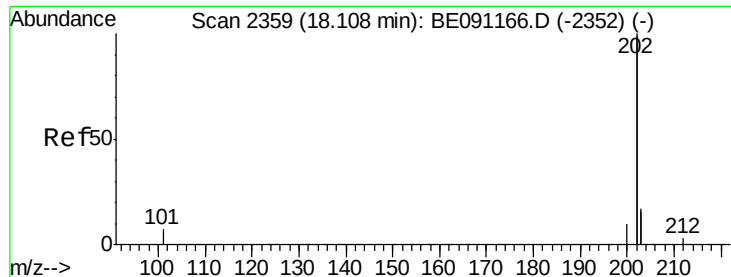


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

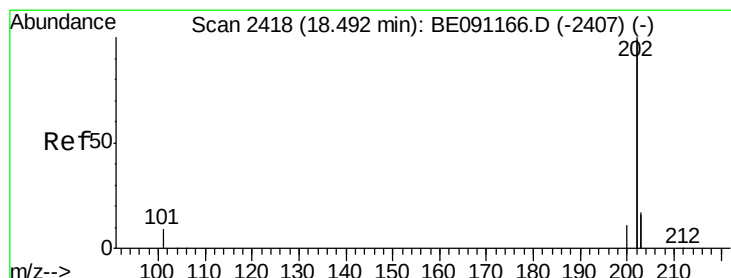
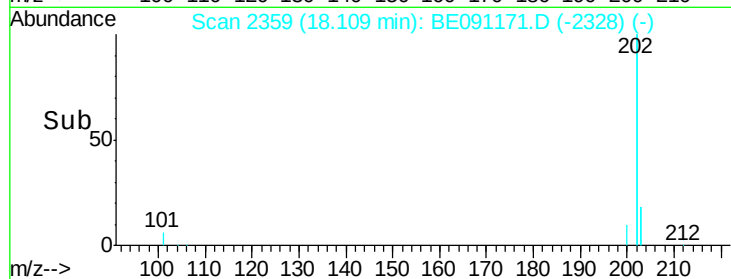
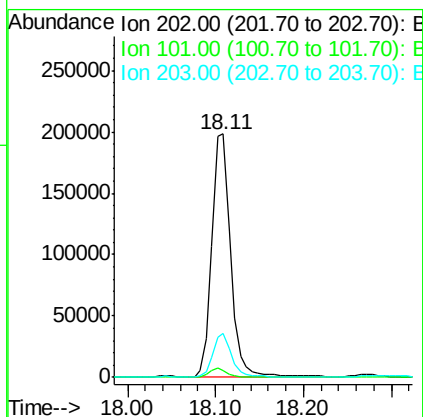
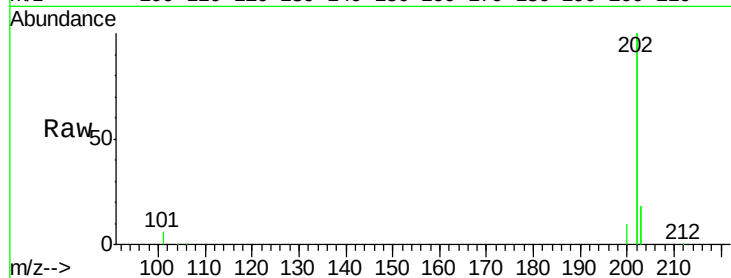




#17
Fluoranthene
Concen: 0.70 ng/ul
RT: 18.11 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BE091171.D
Acq: 15 Nov 2015 14:02

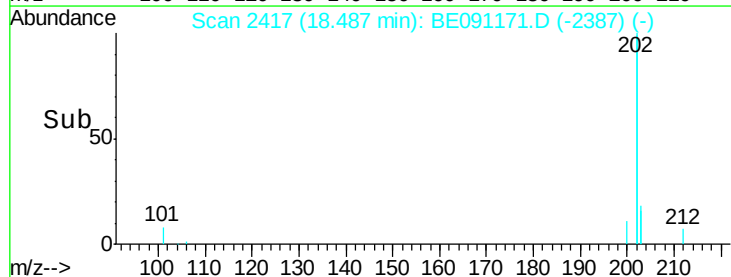
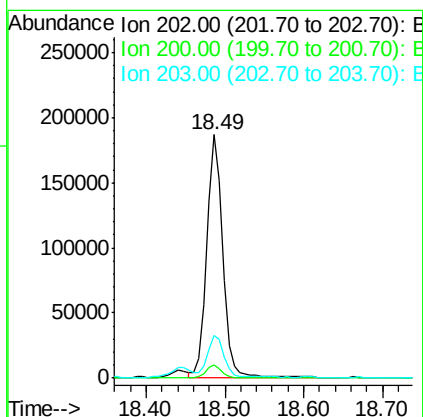
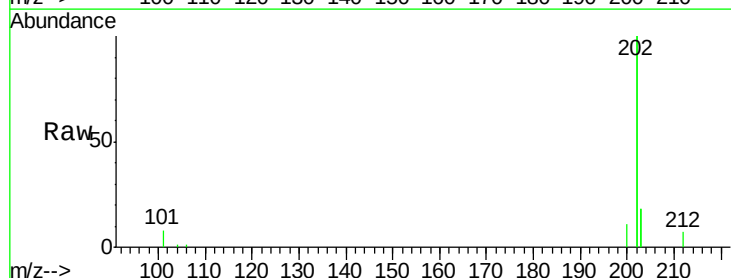
Instrument :
BNA_E
ClientSampled :
A4HS6DL

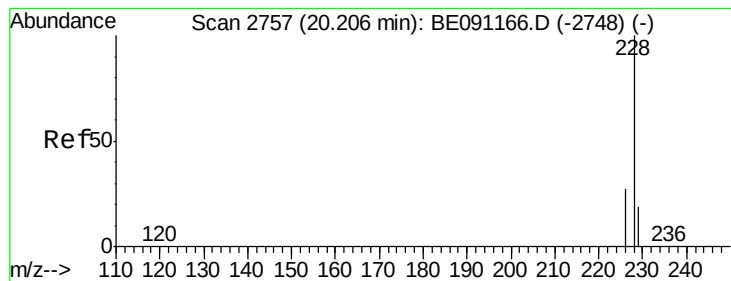
Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.0	0.0	33.1
203	18.3	0.0	37.2



#19
Pyrene
Concen: 0.40 ng/ul
RT: 18.49 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BE091171.D
Acq: 15 Nov 2015 14:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.3	18.0	27.0#
203	17.6	13.8	20.6





#20

Benzo(a)anthracene

Concen: 0.20 ng/ul

RT: 20.21 min Scan# 2757

Delta R.T. 0.00 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

Instrument :

BNA_E

ClientSampleId :

A4HS6DL

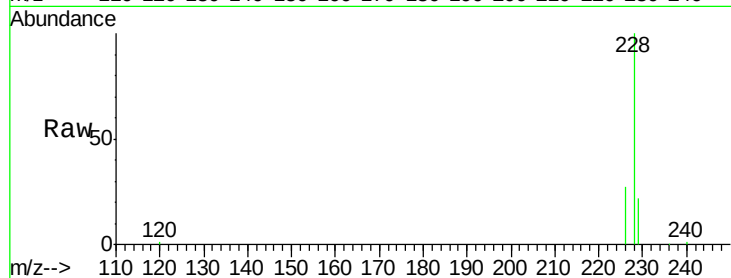
Tgt Ion:228 Resp: 29813

Ion Ratio Lower Upper

228 100

226 27.1 23.0 34.4

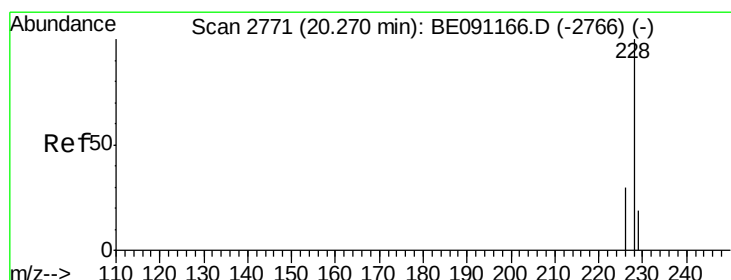
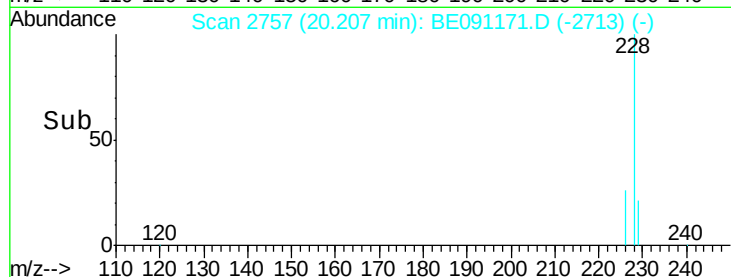
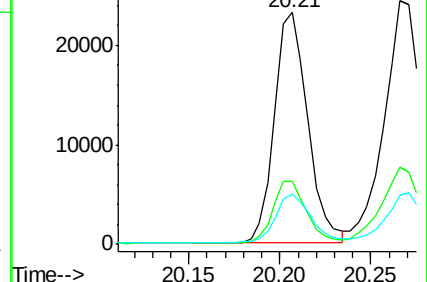
229 21.8 15.2 22.8



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

Chrysene

Concen: 0.21 ng/ul

RT: 20.27 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

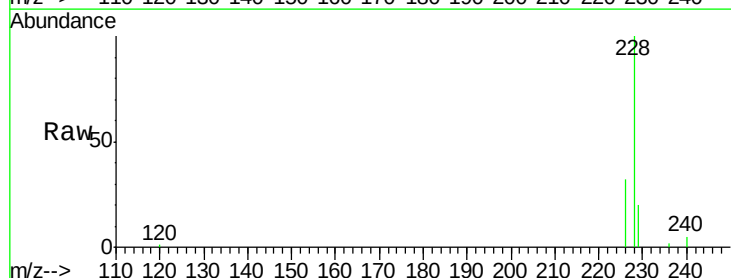
Tgt Ion:228 Resp: 36383

Ion Ratio Lower Upper

228 100

226 31.9 25.7 38.5

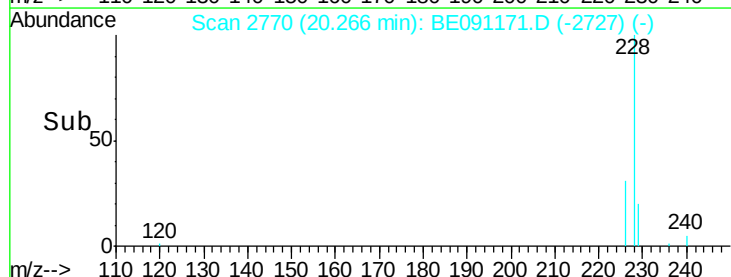
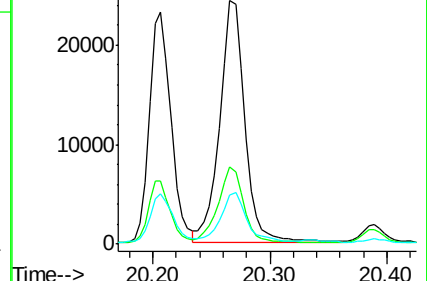
229 20.4 15.2 22.8

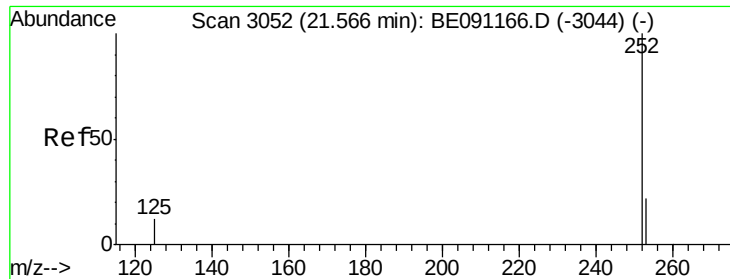


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.17 ng/ul

RT: 21.56 min Scan# 3051

Delta R.T. -0.00 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

Instrument :

BNA_E

ClientSampleId :

A4HS6DL

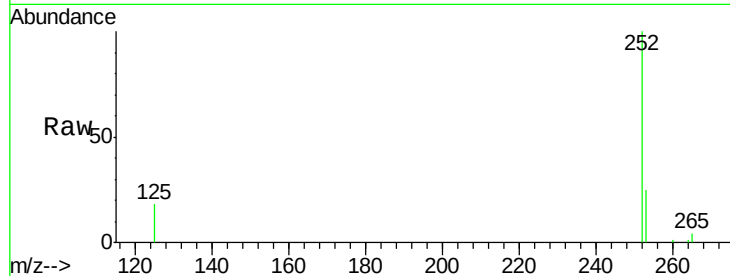
Tgt Ion:252 Resp: 28579

Ion Ratio Lower Upper

252 100

253 25.2 0.0 48.0

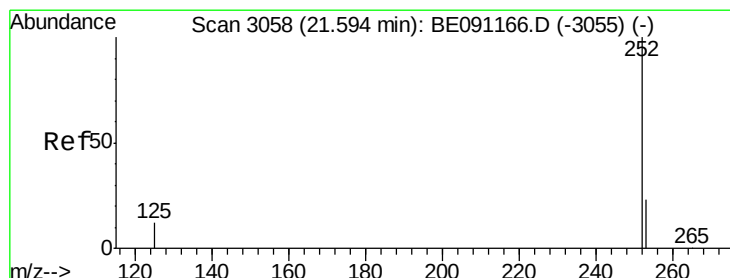
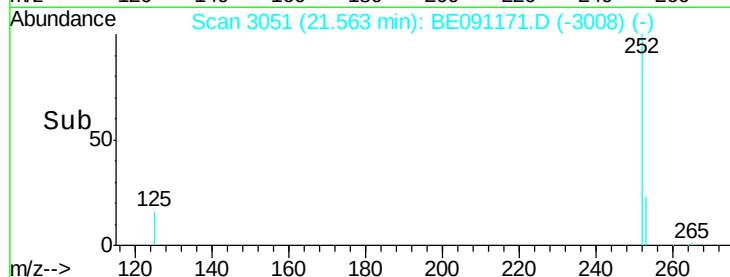
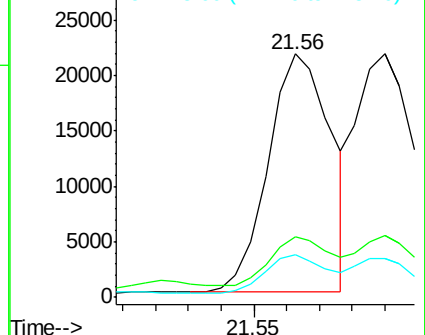
125 17.6 0.0 36.6



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



#24

Benzo(k)fluoranthene

Concen: 0.17 ng/ul

RT: 21.59 min Scan# 3057

Delta R.T. -0.00 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

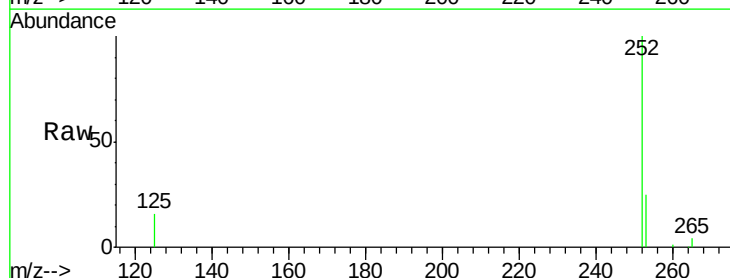
Tgt Ion:252 Resp: 28734

Ion Ratio Lower Upper

252 100

253 25.3 20.8 31.2

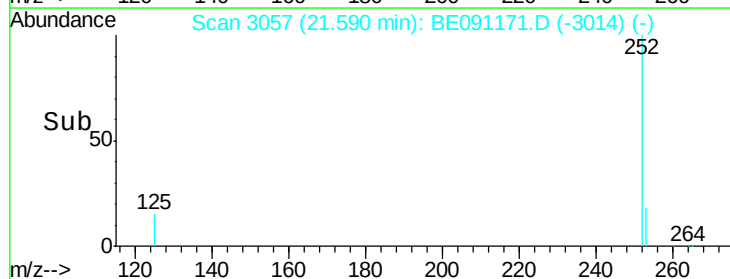
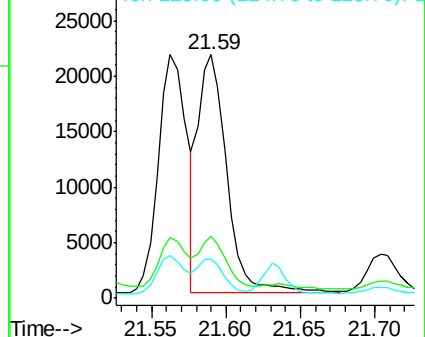
125 15.9 12.2 18.4

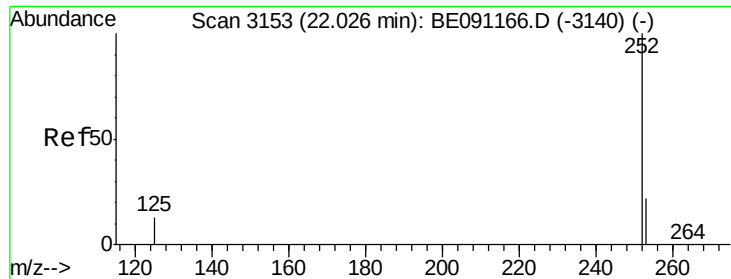


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.20 ng/ul

RT: 22.02 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

Instrument :

BNA_E

ClientSampleId :

A4HS6DL

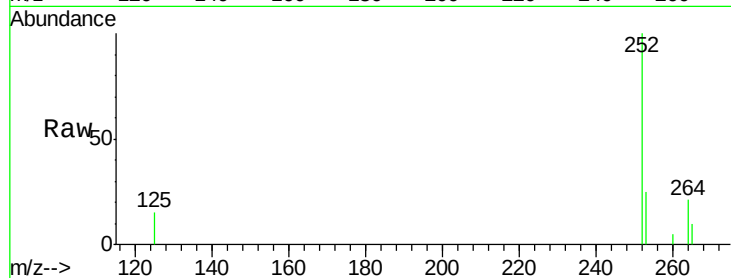
Tgt Ion: 252 Resp: 30205

Ion Ratio Lower Upper

252 100

253 25.2 21.8 32.8

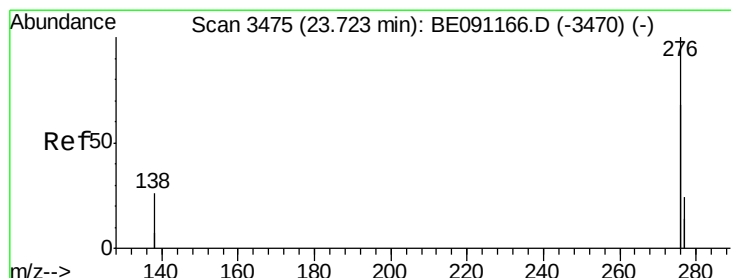
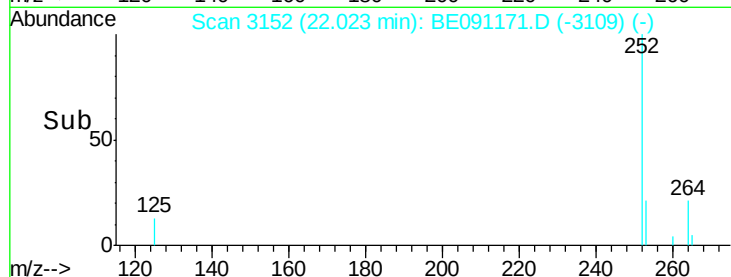
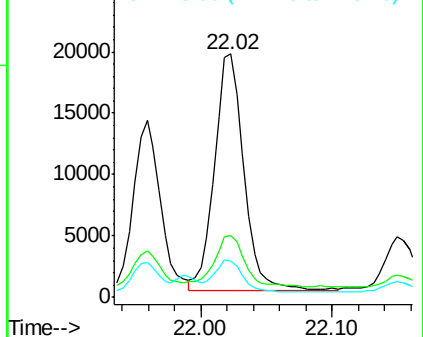
125 15.1 14.5 21.7



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.12 ng/ul

RT: 23.72 min Scan# 3474

Delta R.T. -0.00 min

Lab File: BE091171.D

Acq: 15 Nov 2015 14:02

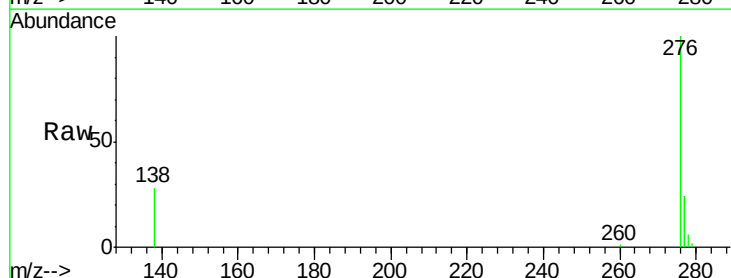
Tgt Ion: 276 Resp: 76150

Ion Ratio Lower Upper

276 100

138 24.5 27.5 41.3#

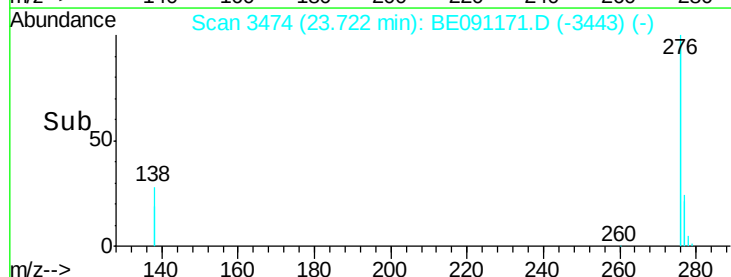
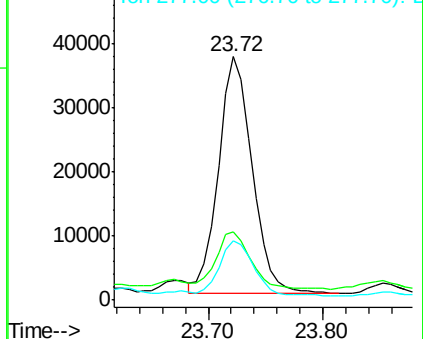
277 23.2 19.3 28.9

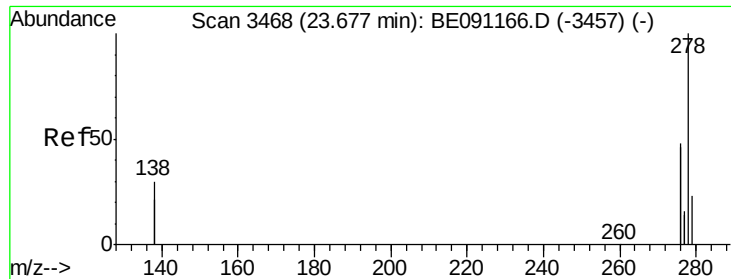


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



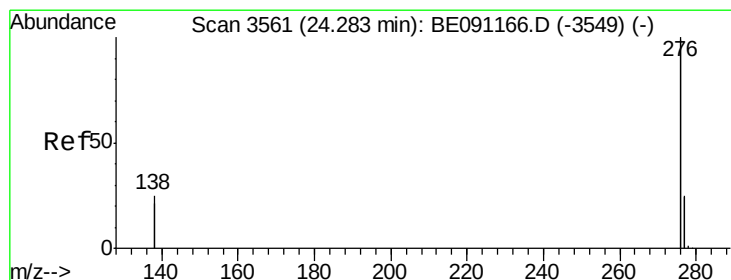
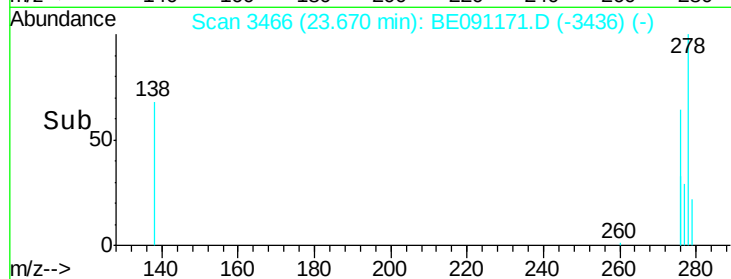
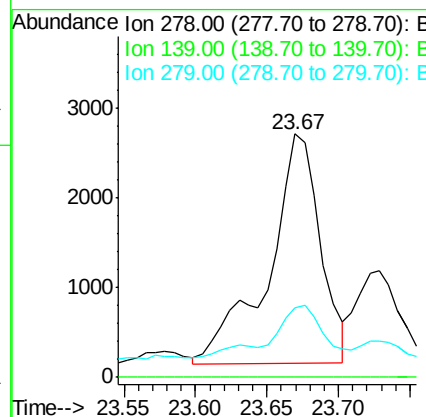
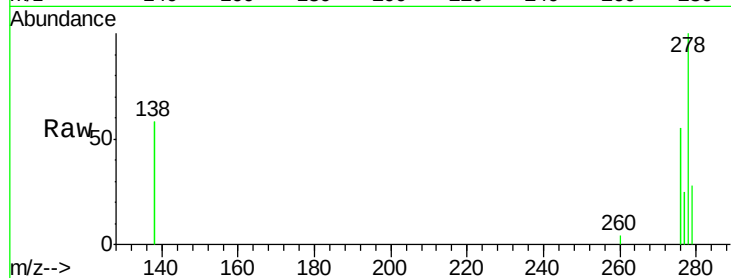


#27
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul
RT: 23.67 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BE091171.D
Acq: 15 Nov 2015 14:02

Instrument :
BNA_E
ClientSampleId :
A4HS6DL

Tgt Ion: 278 Resp: 6445

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	28.3	21.9	32.9



#28
Benzo(g,h,i)perylene
Concen: 0.10 ng/ul
RT: 24.28 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BE091171.D
Acq: 15 Nov 2015 14:02

Tgt Ion: 276 Resp: 70027

Ion	Ratio	Lower	Upper
276	100		
277	25.0	21.3	31.9
138	31.7	25.5	38.3

