

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101515\
 Data File : BE091014.D
 Acq On : 15 Oct 2015 9:42
 Operator : UM/IZ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.479

Quant Time: Oct 15 18:19:20 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE101415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 05:50:36 2015
 Response via : Initial Calibration

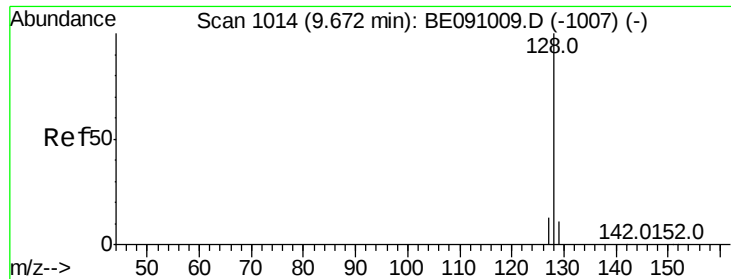
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	6153	0.40	ng/ul	0.00
2) Naphthalene-d8	9.62	136	28677	0.40	ng/ul	0.00
6) Acenaphthene-d10	13.44	164	16167	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.16	188	40718	0.40	ng/ul	0.00
16) Chrysene-d12	20.31	240	53663	0.40	ng/ul	0.00
20) Perylene-d12	22.22	264	54067	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.13	152	12320	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.15	212	36515	0.38	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	9.66	128	24589	0.37	ng/ul	99
5) 2-Methylnaphthalene	11.19	142	13880	0.38	ng/ul	98
7) Acenaphthylene	13.18	152	22830	0.38	ng/ul	99
8) Acenaphthene	13.50	153	16481	0.38	ng/ul	98
9) Fluorene	14.48	166	20208	0.38	ng/ul	99
11) Pentachlorophenol	15.92	266	1253	0.27	ng/ul	98
12) Phenanthrene	16.20	178	141292	0.39	ng/ul	97
13) Anthracene	16.28	178	135519	0.38	ng/ul	98
15) Fluoranthene	18.18	202	172369	0.38	ng/ul	98
17) Pyrene	18.56	202	175965	0.39	ng/ul	99
18) Benzo(a)anthracene	20.28	228	44584	0.38	ng/ul	98
19) Chrysene	20.34	228	48407	0.39	ng/ul	99
21) Benzo(b)fluoranthene	21.65	252	47592	0.37	ng/ul	91
22) Benzo(k)fluoranthene	21.68	252	52584	0.40	ng/ul	92
23) Benzo(a)pyrene	22.12	252	48767	0.39	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	23.87	276	237829	0.47	ng/ul#	89
25) Dibenzo(a,h)anthracene	23.83	278	48992	0.39	ng/ul	98
26) Benzo(g,h,i)perylene	24.43	276	207887	0.39	ng/ul	95

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

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Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```



#3

Naphthalene

Concen: 0.37 ng/ul

RT: 9.66 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BE091014.D

Acq: 15 Oct 2015 9:42

Instrument :

BNA_E

ClientSampleId :

SSTD0.479

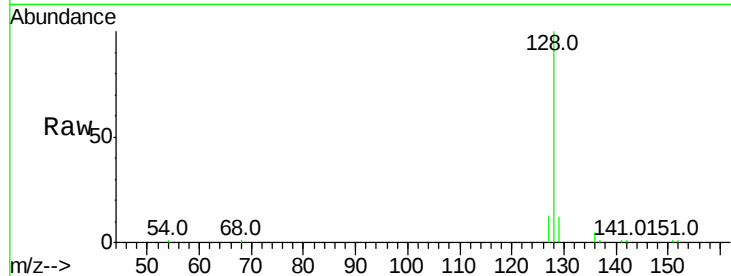
Tot Ion:128 Resp: 24589

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.4

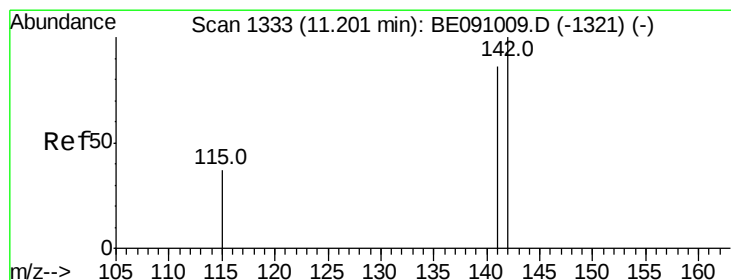
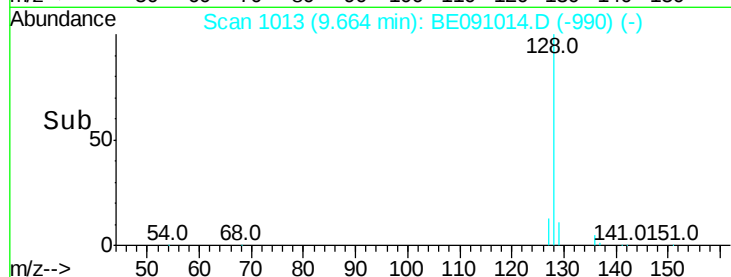
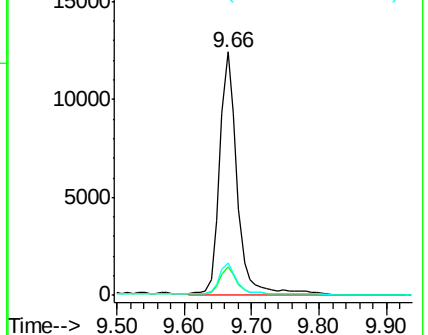
127 13.4 10.7 16.1



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: 0.38 ng/ul

RT: 11.19 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BE091014.D

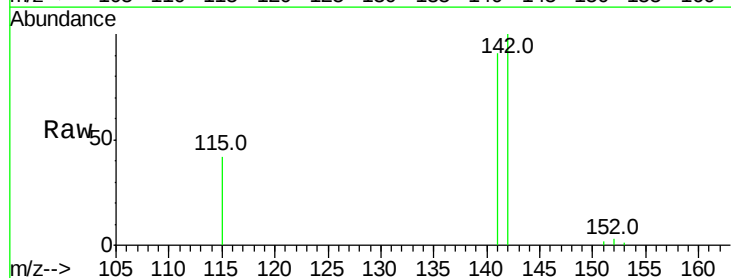
Acq: 15 Oct 2015 9:42

Tgt Ion:142 Resp: 13880

Ion Ratio Lower Upper

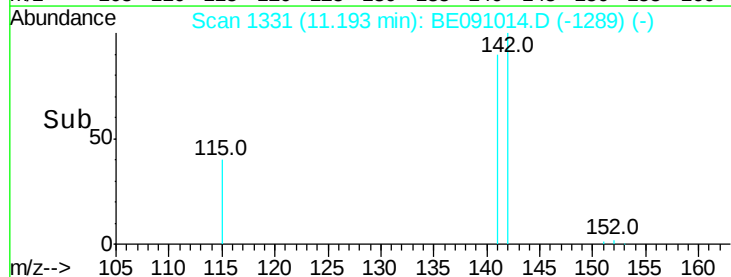
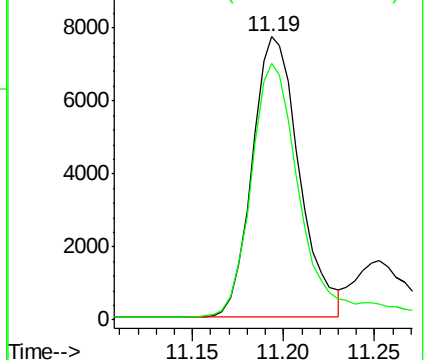
142 100

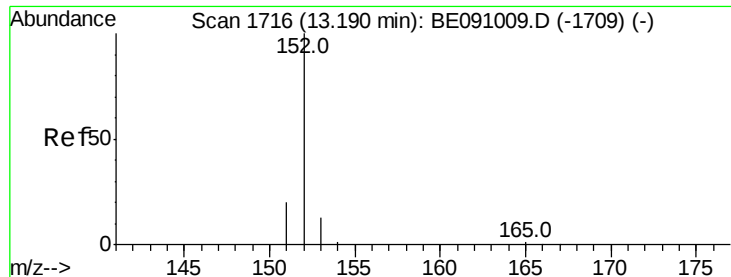
141 97.1 79.4 119.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.38 ng/ul

RT: 13.18 min Scan# 1715

Delta R.T. -0.01 min

Lab File: BE091014.D

Acq: 15 Oct 2015 9:42

Instrument :

BNA_E

ClientSampleId :

SSTD0.479

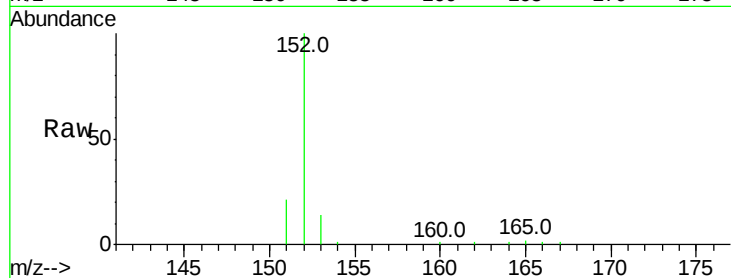
Tot Ion:152 Resp: 22830

Ion Ratio Lower Upper

152 100

151 21.1 16.6 24.8

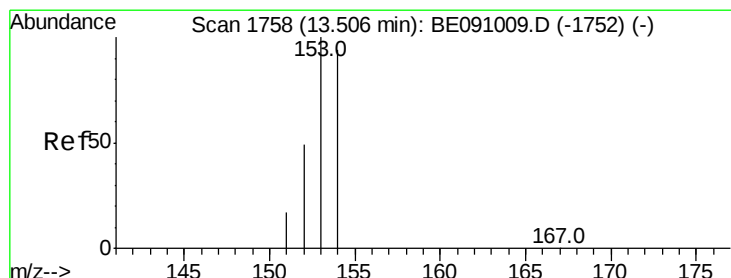
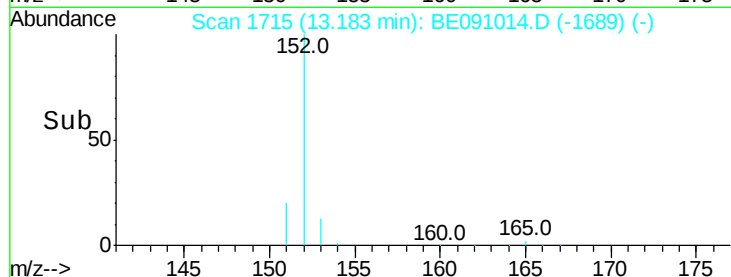
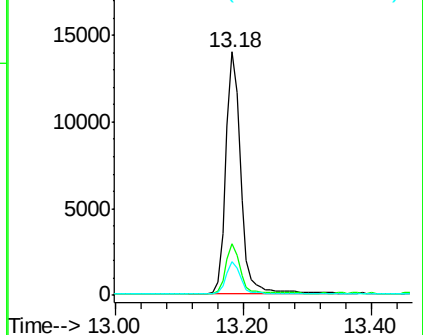
153 13.7 10.7 16.1



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: 0.38 ng/ul

RT: 13.50 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BE091014.D

Acq: 15 Oct 2015 9:42

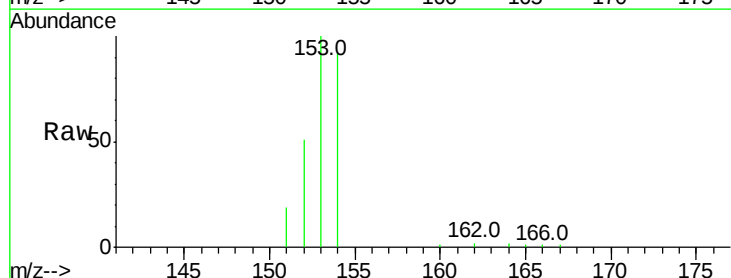
Tgt Ion:153 Resp: 16481

Ion Ratio Lower Upper

153 100

152 51.1 39.8 59.8

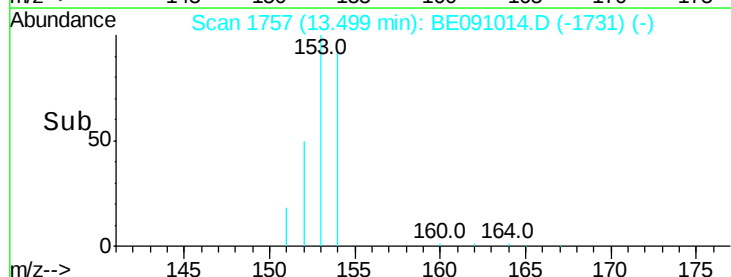
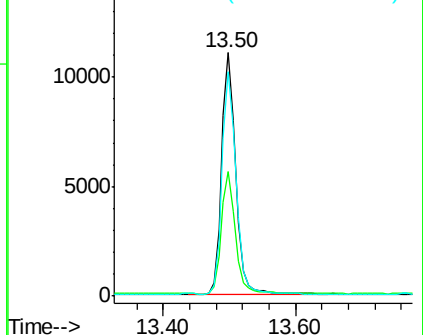
154 92.3 75.4 113.2

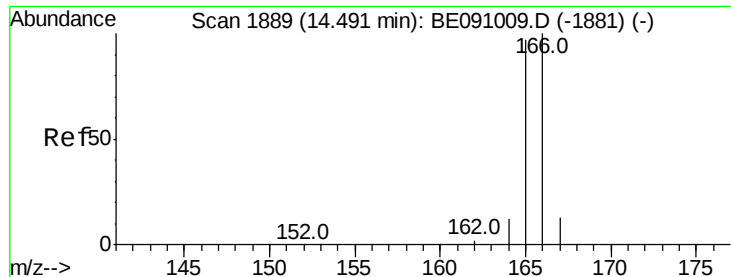


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.38 ng/ul

RT: 14.48 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BE091014.D

Acq: 15 Oct 2015 9:42

Instrument :

BNA_E

ClientSampleId :

SSTD0.479

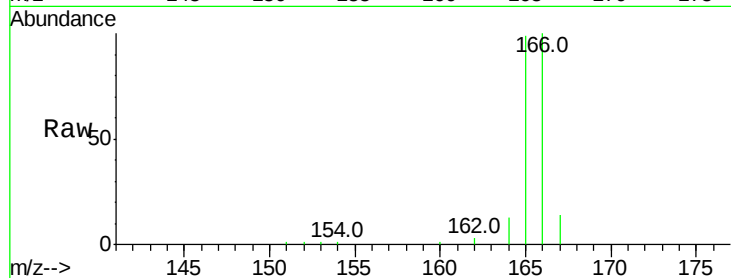
Tot Ion:166 Resp: 20208

Ion Ratio Lower Upper

166 100

165 98.7 77.7 116.5

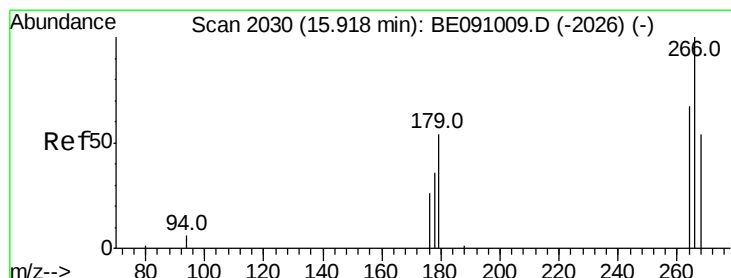
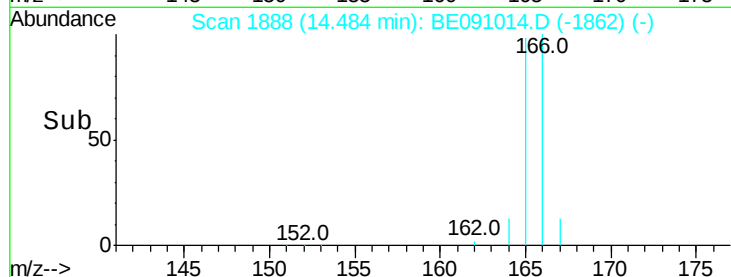
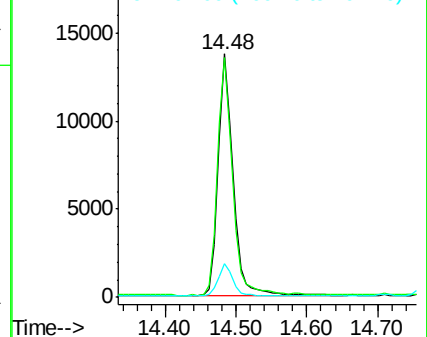
167 13.9 10.9 16.3



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: 15.92 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BE091014.D

Acq: 15 Oct 2015 9:42

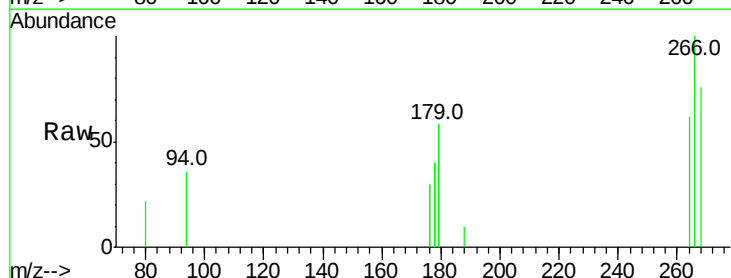
Tgt Ion:266 Resp: 1253

Ion Ratio Lower Upper

266 100

264 60.3 50.7 76.1

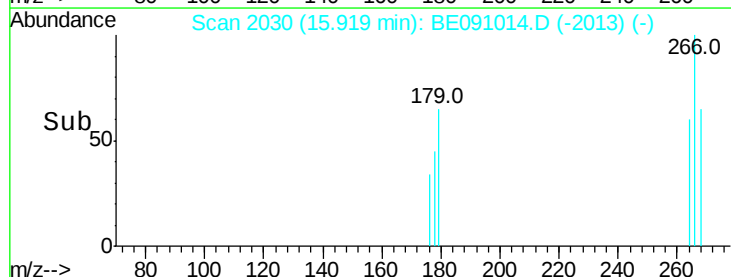
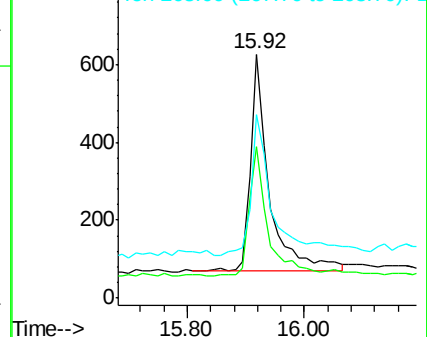
268 72.8 57.6 86.4

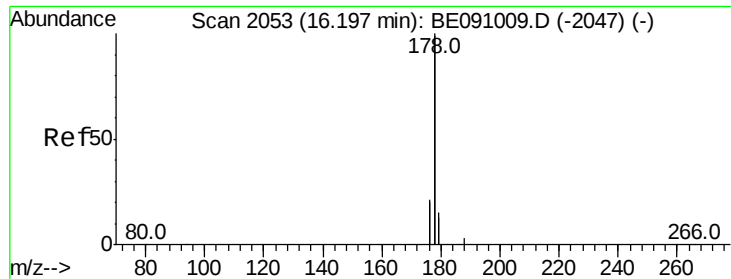


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.39 ng/ul

RT: 16.20 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BE091014.D

Acq: 15 Oct 2015 9:42

Instrument :

BNA_E

ClientSampleId :

SSTD0.479

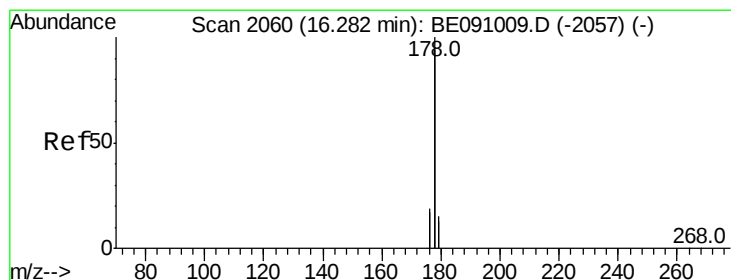
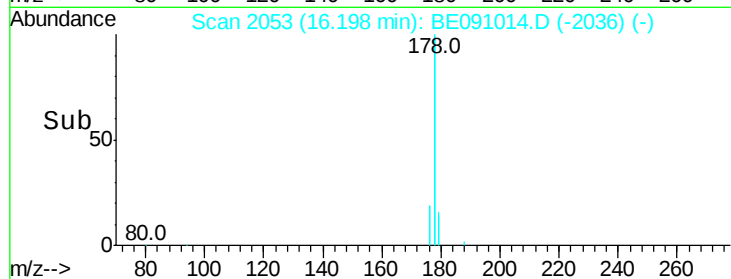
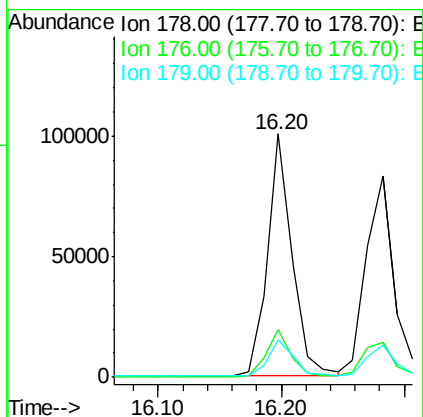
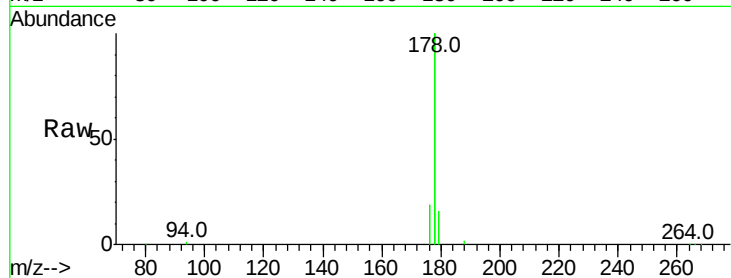
Tot Ion:178 Resp: 141292

Ion Ratio Lower Upper

178 100

176 19.5 16.9 25.3

179 15.6 12.0 18.0



#13

Anthracene

Concen: 0.38 ng/ul

RT: 16.28 min Scan# 2060

Delta R.T. 0.00 min

Lab File: BE091014.D

Acq: 15 Oct 2015 9:42

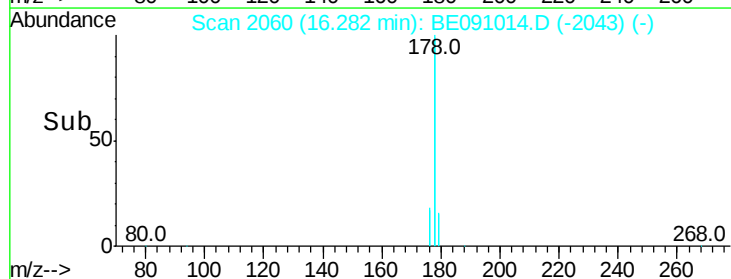
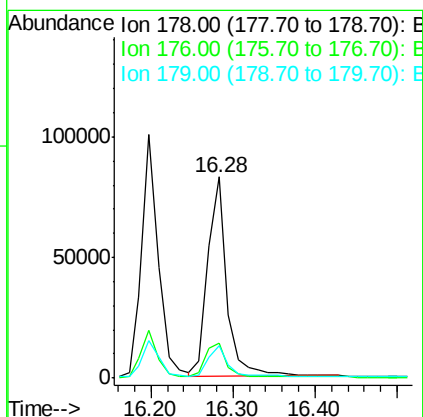
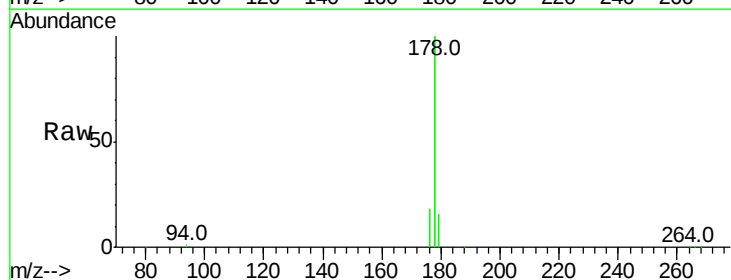
Tgt Ion:178 Resp: 135519

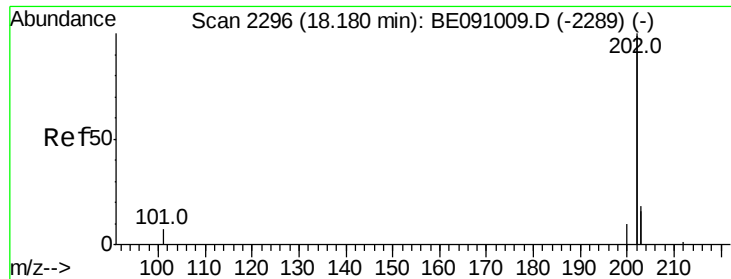
Ion Ratio Lower Upper

178 100

176 17.6 14.9 22.3

179 16.3 12.3 18.5

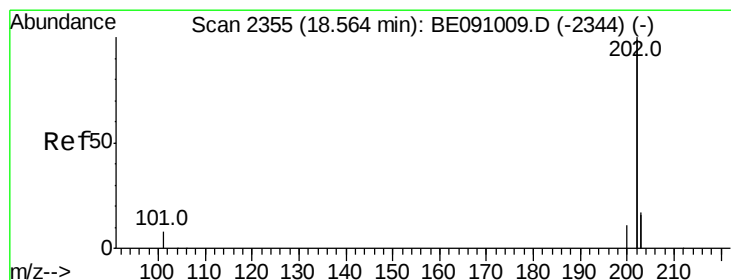
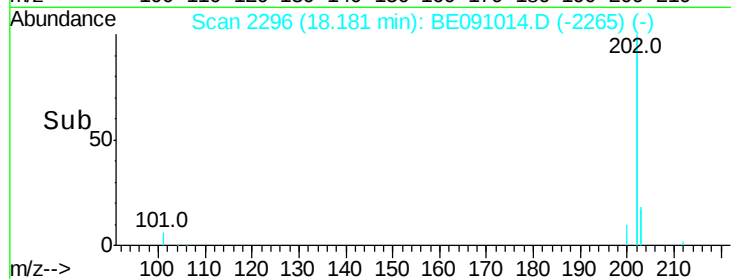
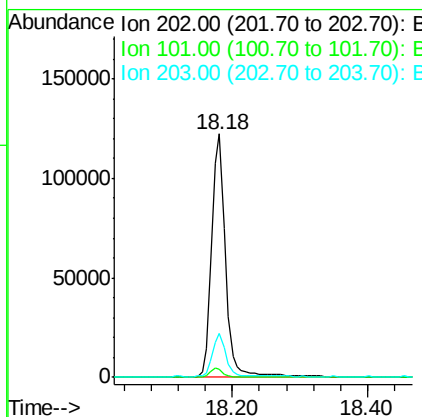
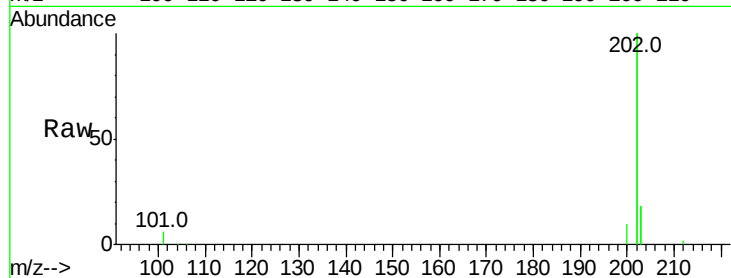




#15
Fluoranthene
 Concen: 0.38 ng/ul
 RT: 18.18 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BE091014.D
 Acq: 15 Oct 2015 9:42

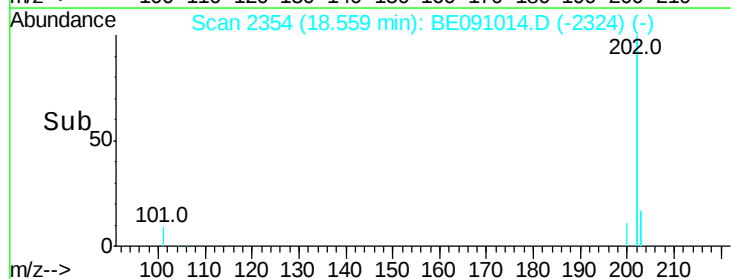
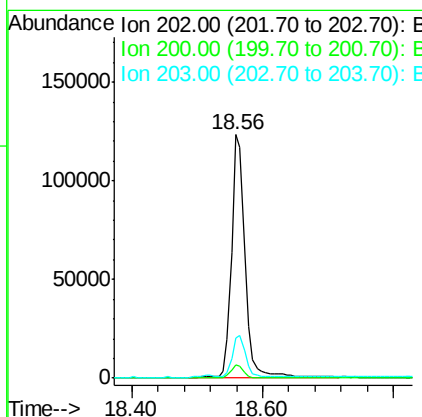
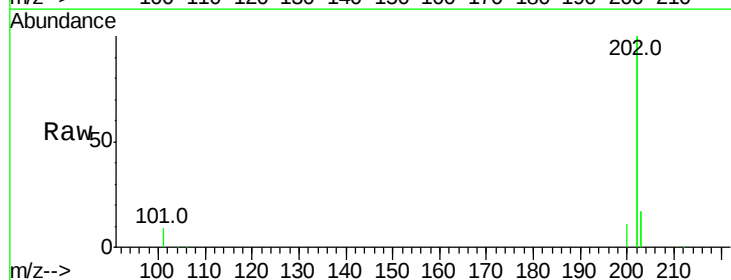
Instrument :
 BNA_E
 ClientSampleId :
 SST0.479

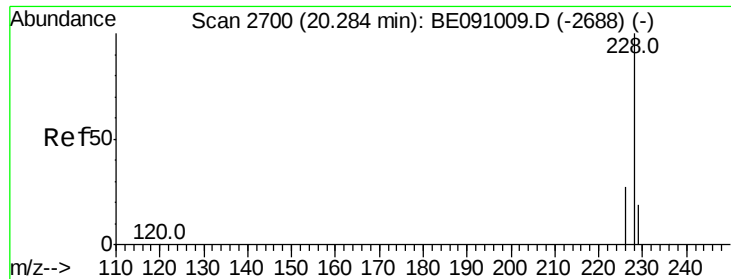
Tot Ion	Ratio	Lower	Upper
202	100		
101	3.1	0.0	23.7
203	18.1	0.0	37.5



#17
Pyrene
 Concen: 0.39 ng/ul
 RT: 18.56 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BE091014.D
 Acq: 15 Oct 2015 9:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.6	4.3	6.5
203	16.7	13.9	20.9





#18

Benzo(a)anthracene

Concen: 0.38 ng/ul

RT: 20.28 min Scan# 2699

Delta R.T. -0.00 min

Lab File: BE091014.D

Acq: 15 Oct 2015 9:42

Instrument :

BNA_E

ClientSampleId :

SSTD0.479

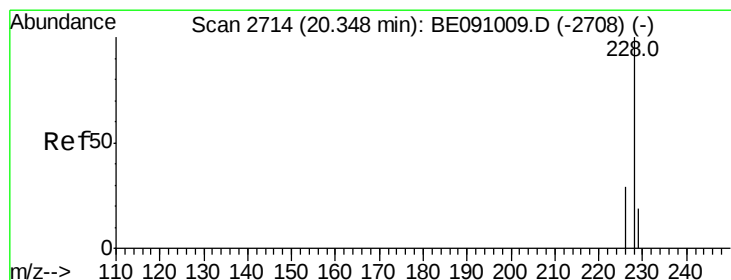
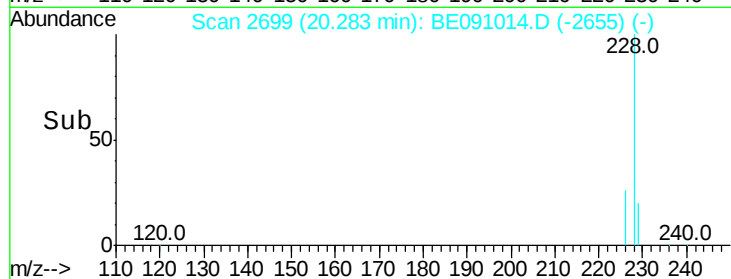
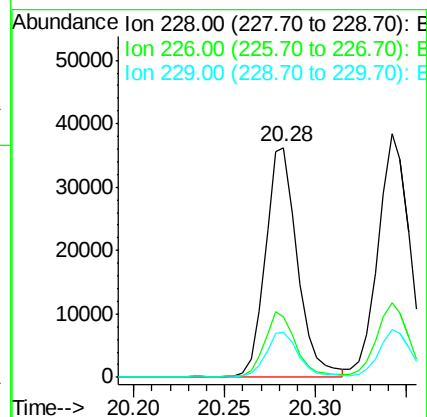
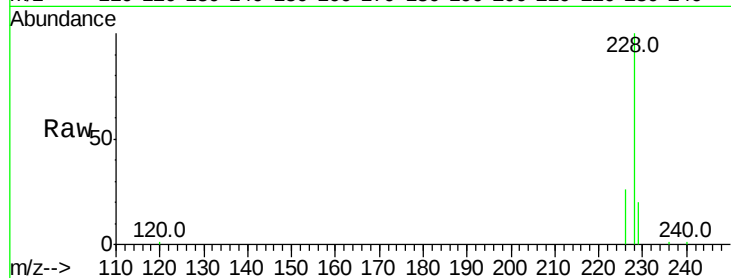
Tot Ion:228 Resp: 44584

Ion Ratio Lower Upper

228 100

226 26.2 22.1 33.1

229 19.8 15.8 23.6



#19

Chrysene

Concen: 0.39 ng/ul

RT: 20.34 min Scan# 2712

Delta R.T. -0.01 min

Lab File: BE091014.D

Acq: 15 Oct 2015 9:42

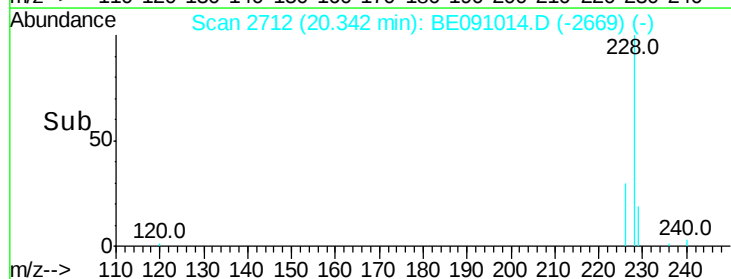
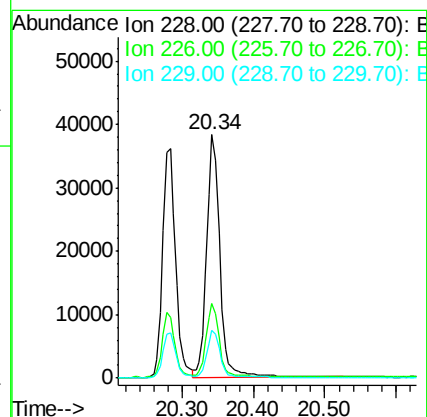
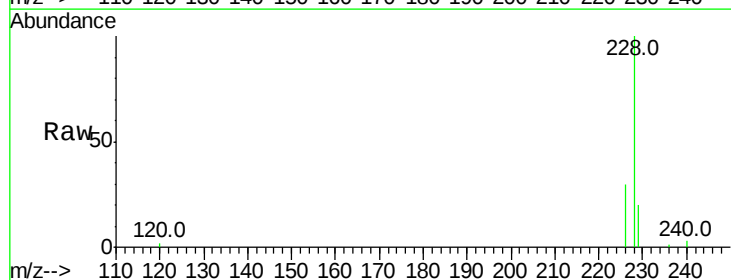
Tgt Ion:228 Resp: 48407

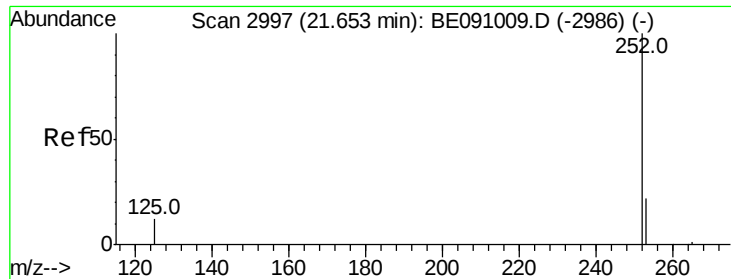
Ion Ratio Lower Upper

228 100

226 30.5 23.6 35.4

229 19.5 15.8 23.8





#21

Benzo(b)fluoranthene

Concen: 0.37 ng/ul

RT: 21.65 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BE091014.D

Acq: 15 Oct 2015 9:42

Instrument :

BNA_E

ClientSampleId :

SSTD0.479

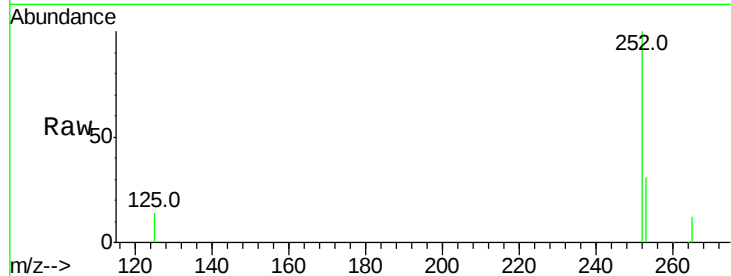
Tot Ion:252 Resp: 47592

Ion Ratio Lower Upper

252 100

253 31.1 0.0 76.2

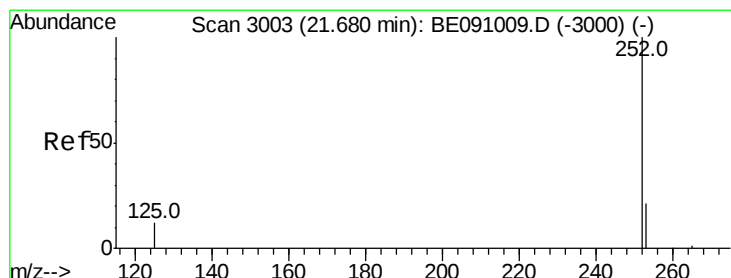
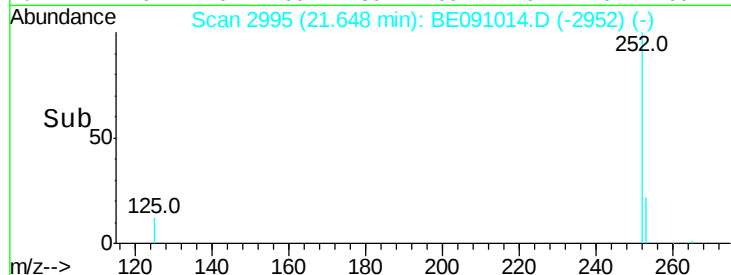
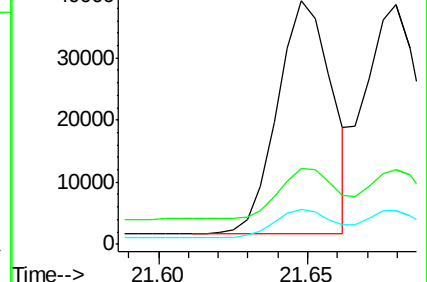
125 14.4 0.0 31.2



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



#22

Benzo(k)fluoranthene

Concen: 0.40 ng/ul

RT: 21.68 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BE091014.D

Acq: 15 Oct 2015 9:42

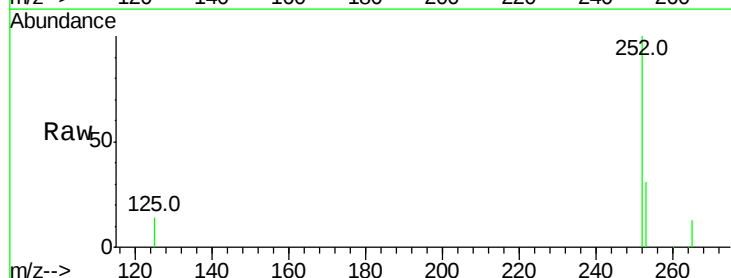
Tgt Ion:252 Resp: 52584

Ion Ratio Lower Upper

252 100

253 31.5 29.8 44.6

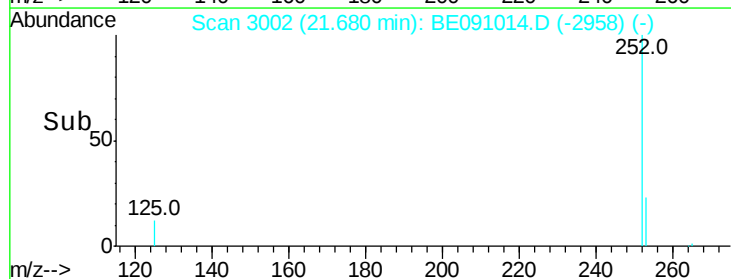
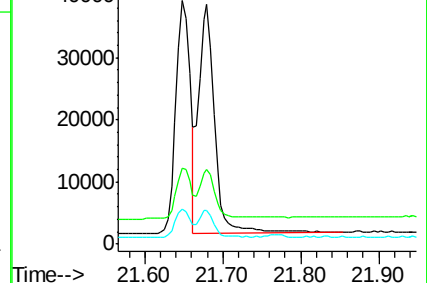
125 14.2 12.2 18.4

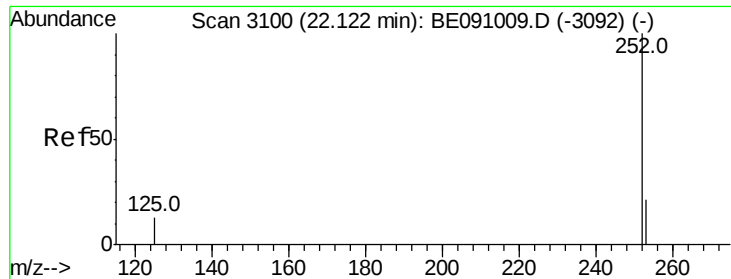


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.39 ng/ul

RT: 22.12 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BE091014.D

Acq: 15 Oct 2015 9:42

Instrument :

BNA_E

ClientSampleId :

SSTD0.479

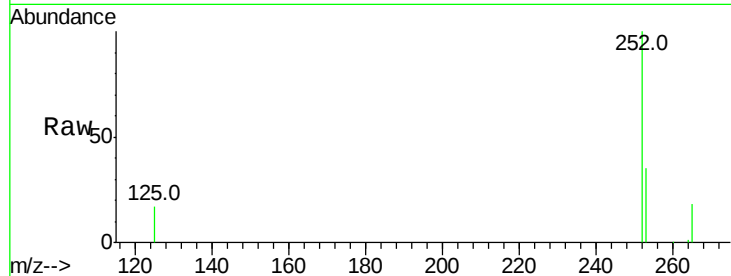
Tot Ion:252 Resp: 48767

Ion Ratio Lower Upper

252 100

253 34.6 34.0 51.0

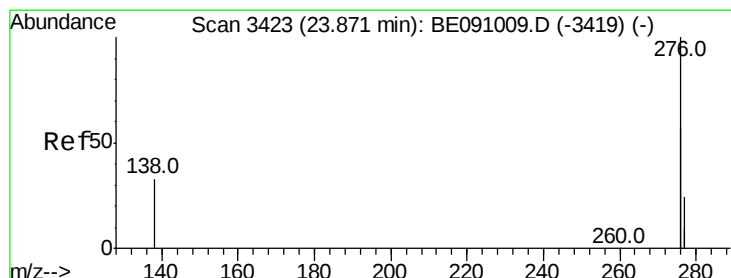
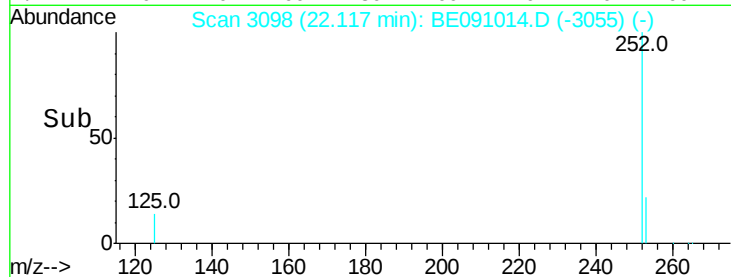
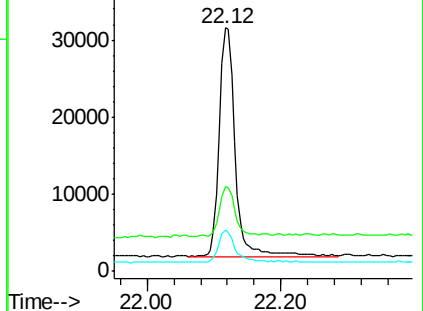
125 16.7 13.6 20.4



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.47 ng/ul

RT: 23.87 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BE091014.D

Acq: 15 Oct 2015 9:42

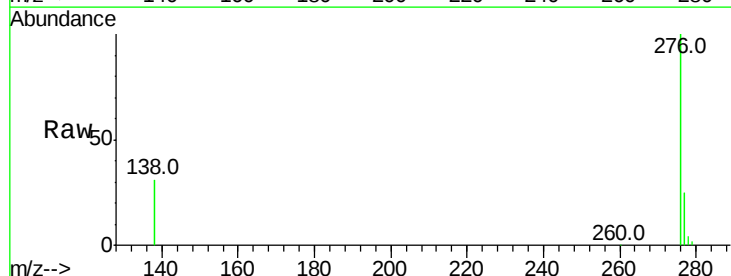
Tgt Ion:276 Resp: 237829

Ion Ratio Lower Upper

276 100

138 19.2 19.5 29.3#

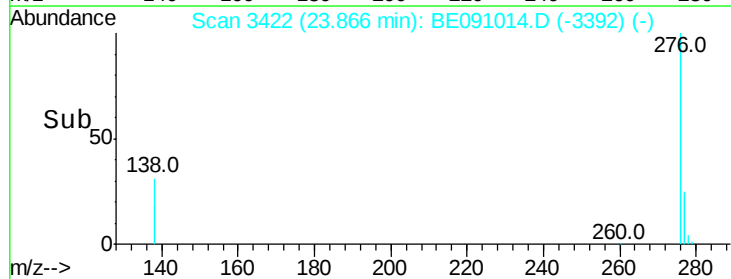
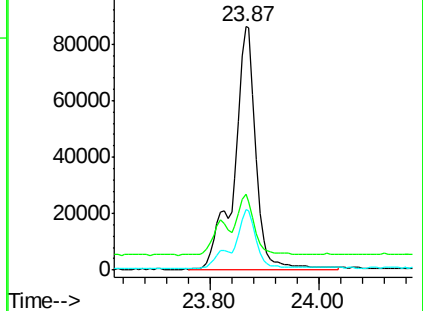
277 19.0 19.4 29.0#

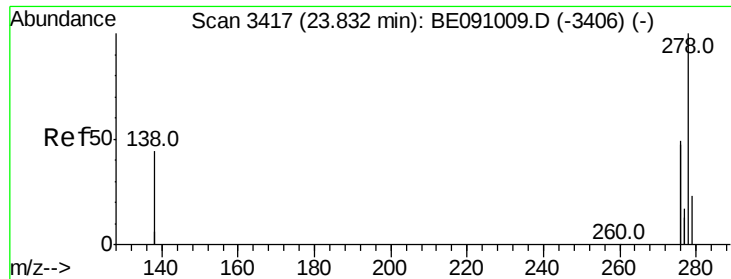


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

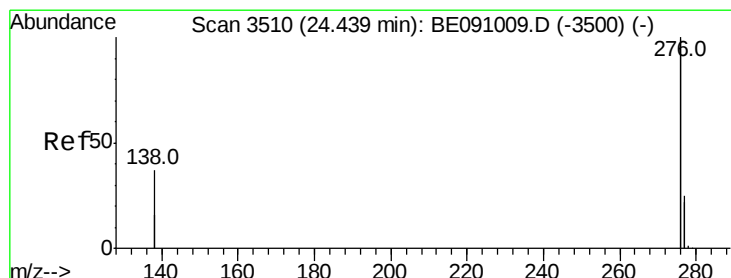
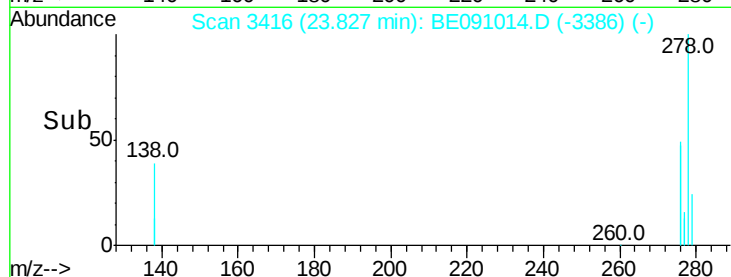
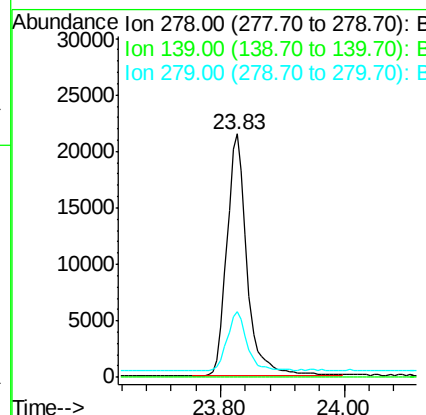
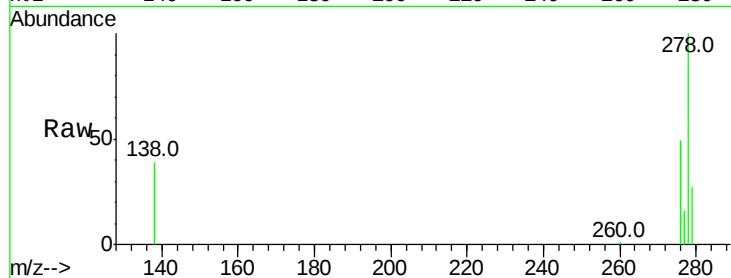




#25
Dibenzo(a,h)anthracene
Concen: 0.39 ng/ul
RT: 23.83 min Scan# 3416
Delta R.T. -0.01 min
Lab File: BE091014.D
Acq: 15 Oct 2015 9:42

Instrument :
BNA_E
ClientSampleId :
SSTD0.479

Tot Ion:278 Resp: 48992
Ion Ratio Lower Upper
278 100
139 0.0 0.0 0.0
279 26.7 22.1 33.1



#26
Benzo(g,h,i)perylene
Concen: 0.39 ng/ul
RT: 24.43 min Scan# 3509
Delta R.T. -0.01 min
Lab File: BE091014.D
Acq: 15 Oct 2015 9:42

Tgt Ion:276 Resp: 207887
Ion Ratio Lower Upper
276 100
277 24.6 19.8 29.8
138 32.3 29.4 44.2

