

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094288.D
 Acq On : 11 Oct 2017 20:27
 Operator : SJ/JU
 Sample : I5490-03DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 07:36:13 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 07:31:23 2017
 Response via : Initial Calibration

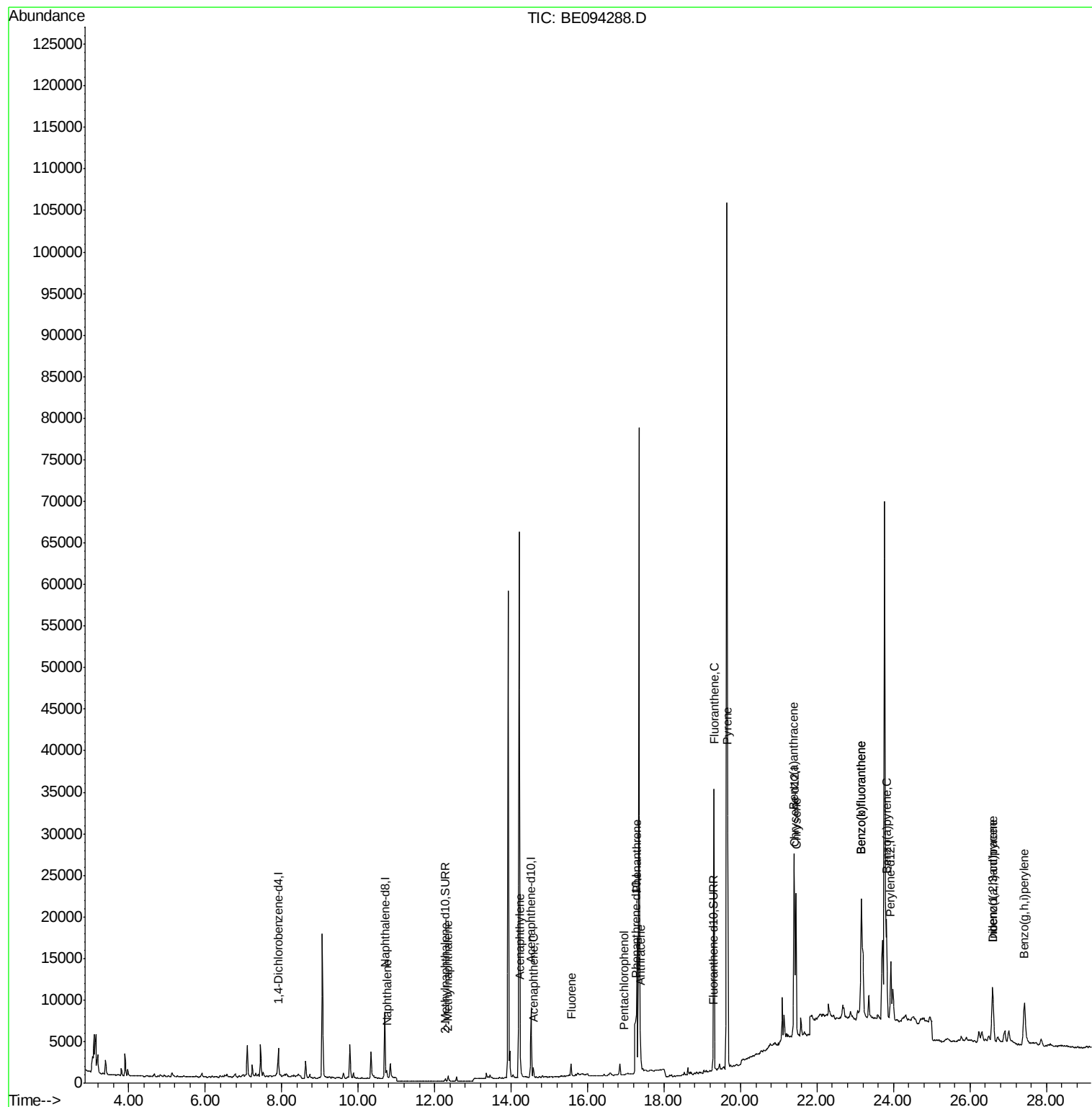
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1784	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9004	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4950	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10742	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	10655	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	10818	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	533	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	1300	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	1361	0.062	ng/ul#	88
5) 2-Methylnaphthalene	12.35	142	587	0.041	ng/ul	97
7) Acenaphthylene	14.24	152	1331	0.069	ng/ul#	88
8) Acenaphthene	14.58	153	781	0.049	ng/ul	97
9) Fluorene	15.57	166	1073	0.058	ng/ul#	88
11) Pentachlorophenol	16.95	266	58	0.046	ng/ul#	48
12) Phenanthrene	17.29	178	19521	0.695	ng/ul#	93
13) Anthracene	17.38	178	4854	0.178	ng/ul	95
15) Fluoranthene	19.30	202	39098	1.060	ng/ul	84
17) Pyrene	19.66	202	35318	1.191	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	18831	0.666	ng/ul#	91
19) Chrysene	21.45	228	18669	0.572	ng/ul#	86
21) Benzo(b)fluoranthene	23.16	252	35283	1.201	ng/ul#	83
22) Benzo(k)fluoranthene	23.16	252	35212	1.037	ng/ul#	81
23) Benzo(a)pyrene	23.81	252	17886	0.586	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.59	276	12839	0.411	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.60	278	3355	0.128	ng/ul#	6
26) Benzo(g,h,i)perylene	27.42	276	13599	0.505	ng/ul#	74

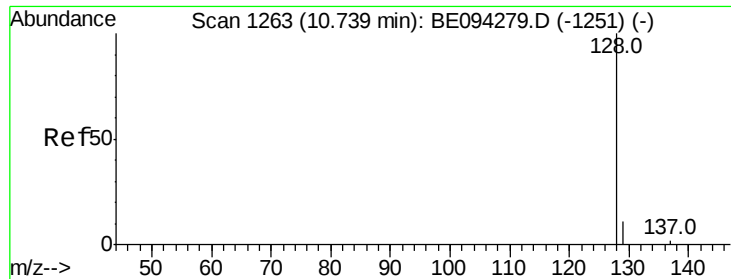
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094288.D
Acq On : 11 Oct 2017 20:27
Operator : SJ/JU
Sample : I5490-03DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 12 07:36:13 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 07:31:23 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.062 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

Instrument :

BNA_E

ClientSampleId :

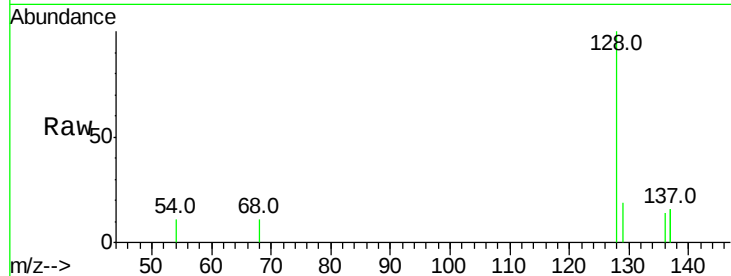
Tot Ion:128 Resp: 1361

Ion Ratio Lower Upper

128 100

129 18.6 11.3 16.9#

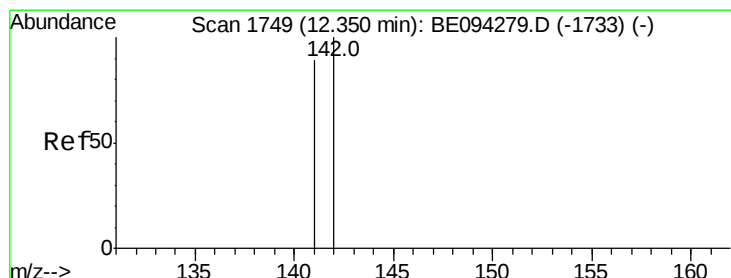
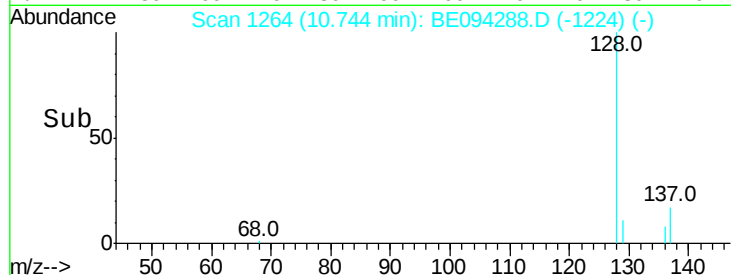
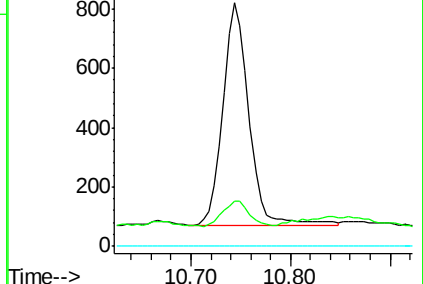
127 0.0 4.0 6.0#



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: 0.041 ng/ul

RT: 12.35 min Scan# 1750

Delta R.T. 0.00 min

Lab File: BE094288.D

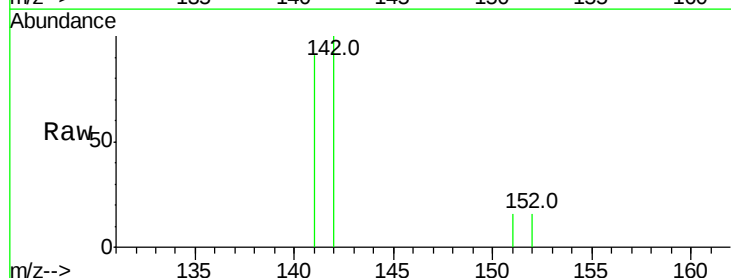
Acq: 11 Oct 2017 20:27

Tgt Ion:142 Resp: 587

Ion Ratio Lower Upper

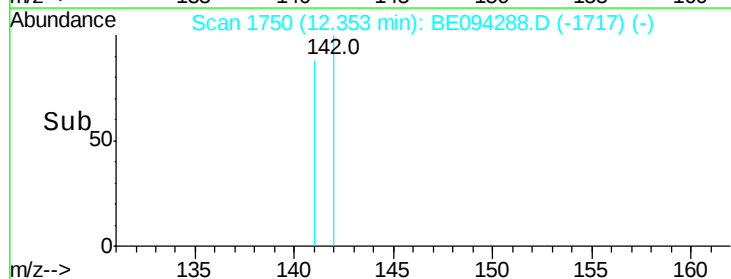
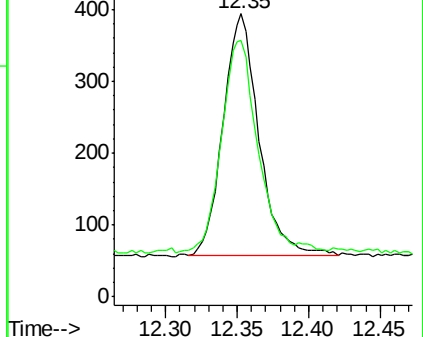
142 100

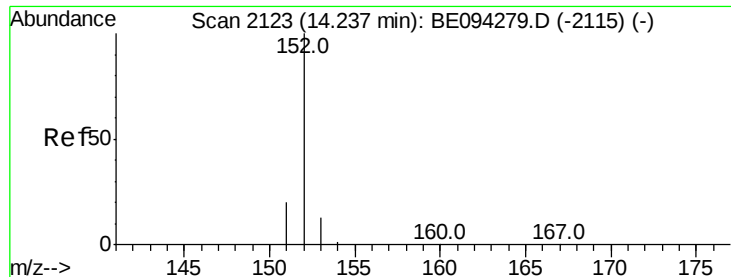
141 88.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.069 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

Instrument :

BNA_E

ClientSampleId :

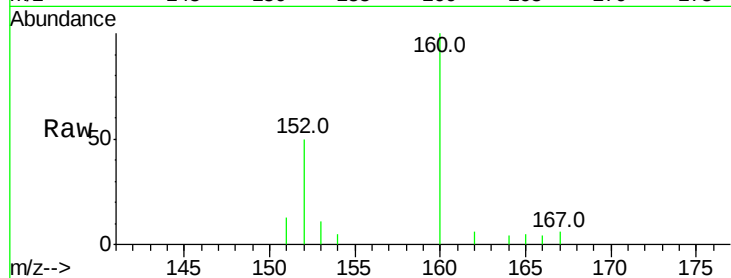
Tot Ion:152 Resp: 1331

Ion Ratio Lower Upper

152 100

151 26.9 17.1 25.7#

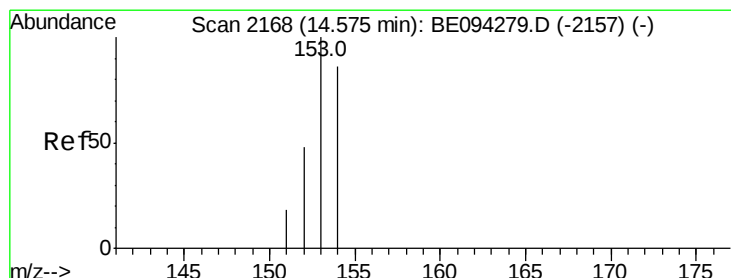
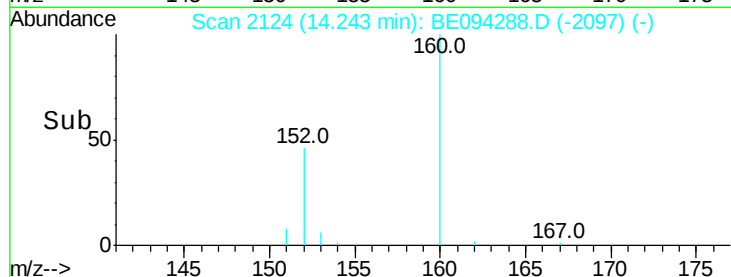
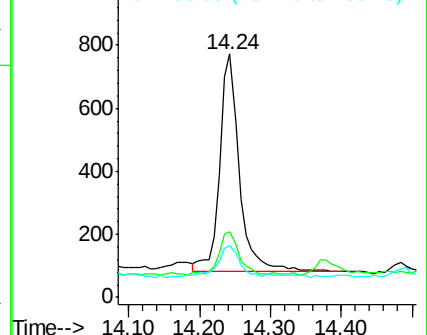
153 21.0 12.8 19.2#



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: 0.049 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. 0.01 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

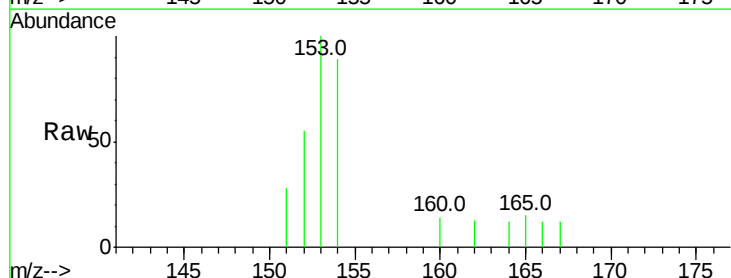
Tgt Ion:153 Resp: 781

Ion Ratio Lower Upper

153 100

152 55.3 40.3 60.5

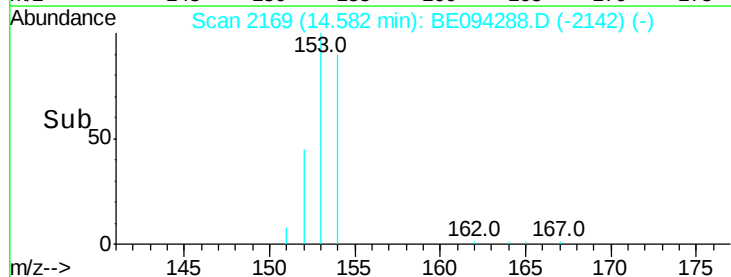
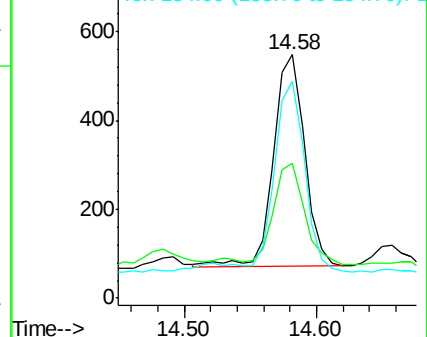
154 89.2 71.4 107.2

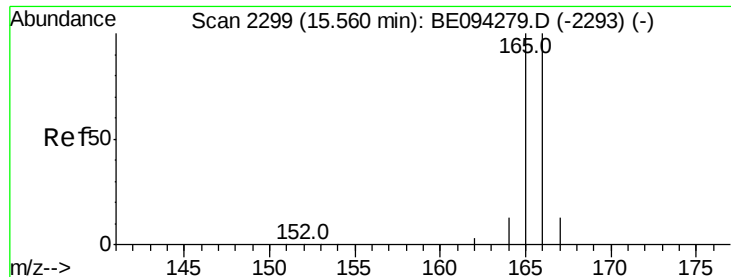


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.058 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. 0.01 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

Instrument :

BNA_E

ClientSampleId :

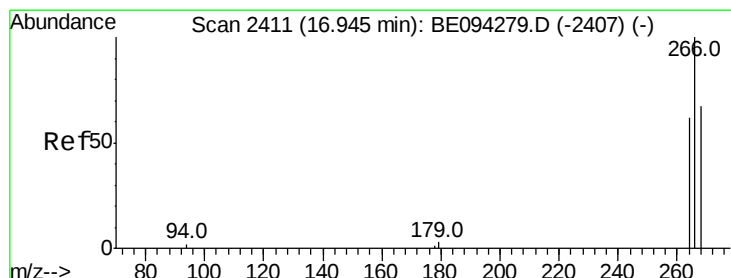
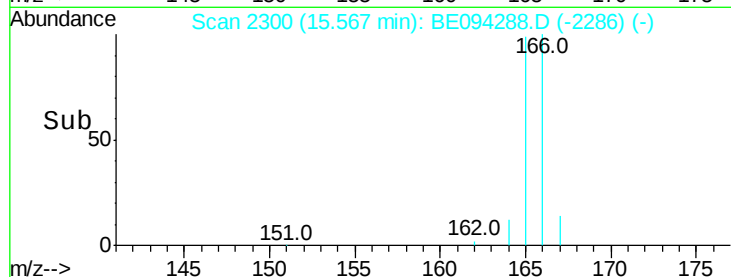
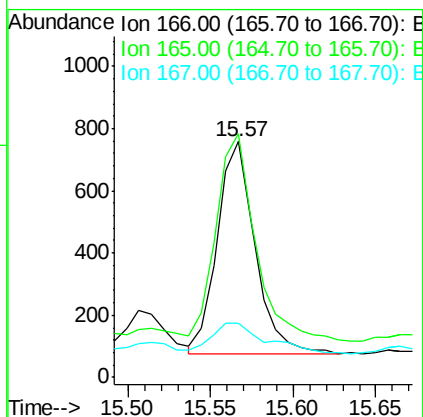
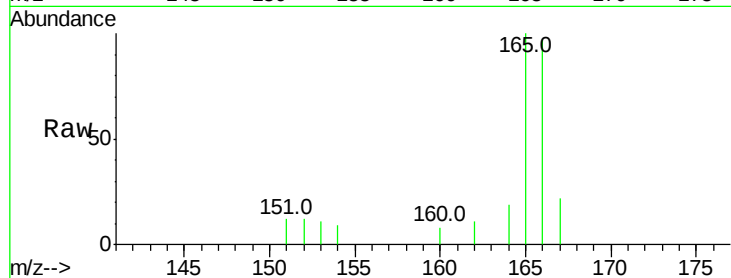
Tot Ion:166 Resp: 1073

Ion Ratio Lower Upper

166 100

165 103.4 73.4 110.2

167 23.0 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.046 ng/ul

RT: 16.95 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

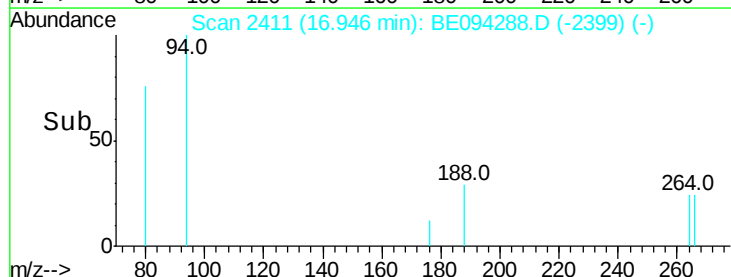
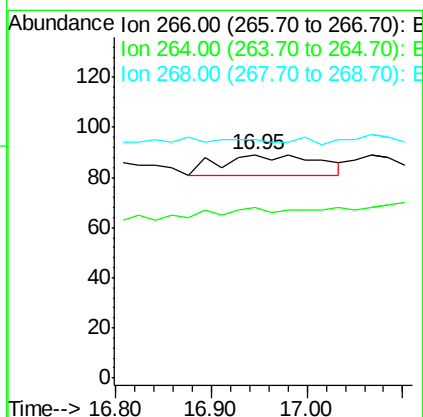
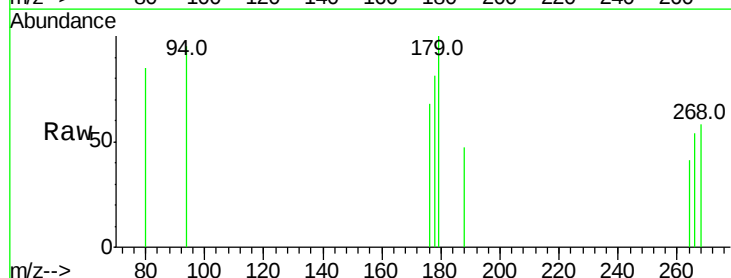
Tgt Ion:266 Resp: 58

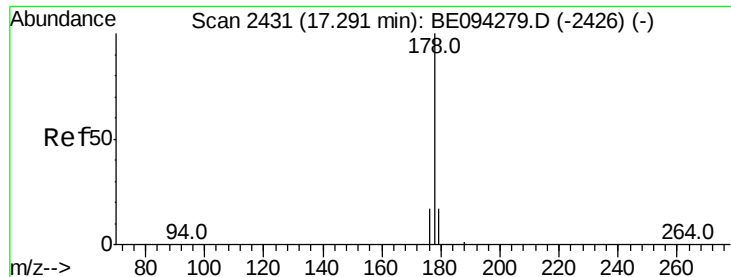
Ion Ratio Lower Upper

266 100

264 75.9 47.9 71.9#

268 0.0 49.8 74.8#





#12

Phenanthrene

Concen: 0.695 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

Instrument :

BNA_E

ClientSampleId :

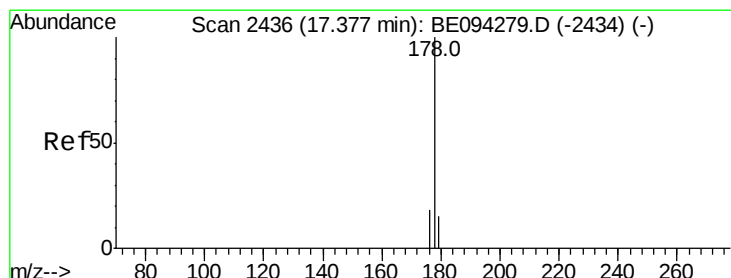
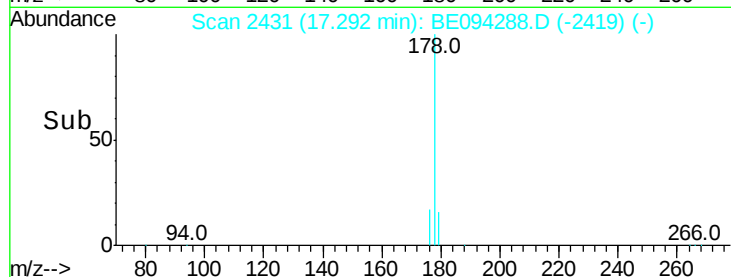
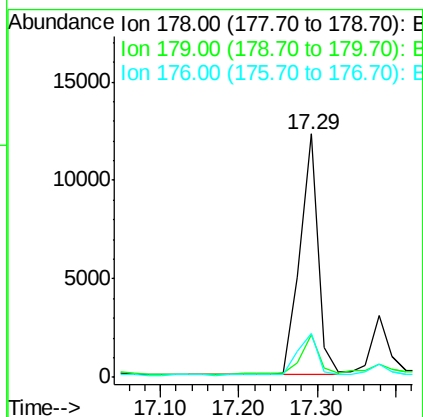
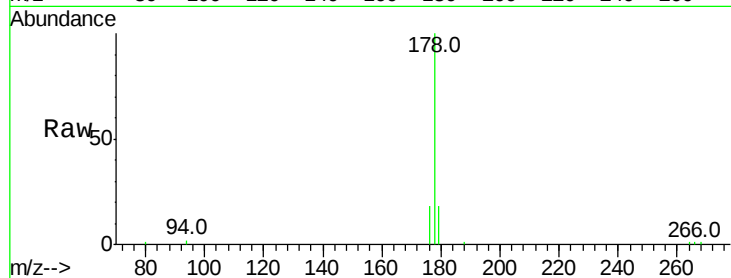
Tot Ion:178 Resp: 19521

Ion Ratio Lower Upper

178 100

179 17.6 18.4 27.6#

176 17.8 13.6 20.4



#13

Anthracene

Concen: 0.178 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

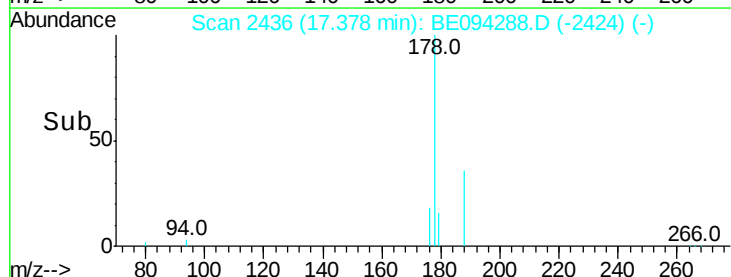
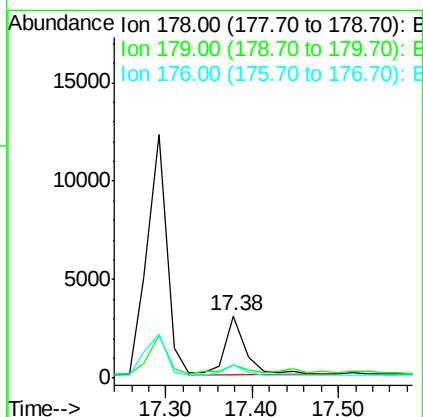
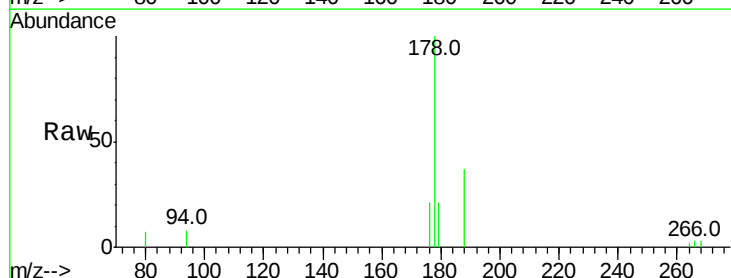
Tgt Ion:178 Resp: 4854

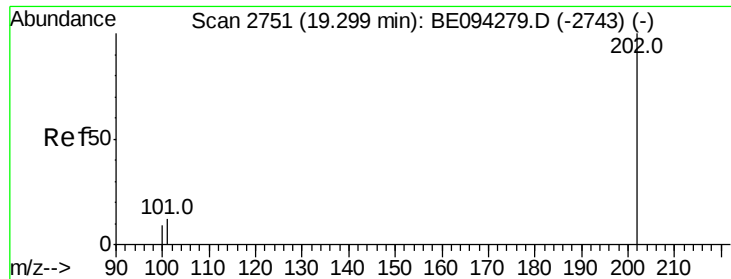
Ion Ratio Lower Upper

178 100

179 20.9 18.1 27.1

176 21.0 14.7 22.1





#15

Fluoranthene

Concen: 1.060 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. 0.01 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

Instrument :

BNA_E

ClientSampleId :

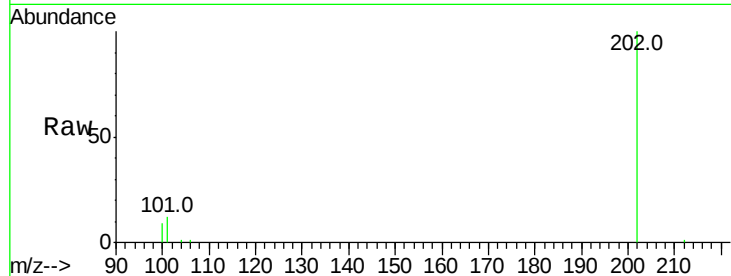
Tot Ion:202 Resp: 39098

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.3

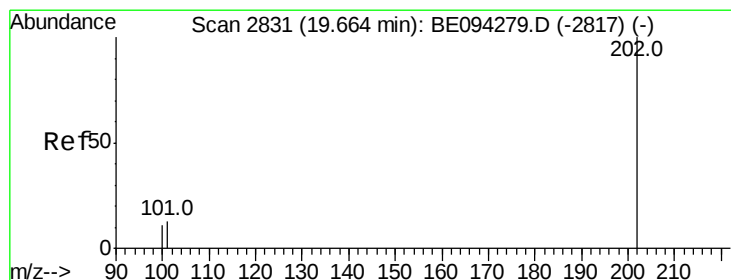
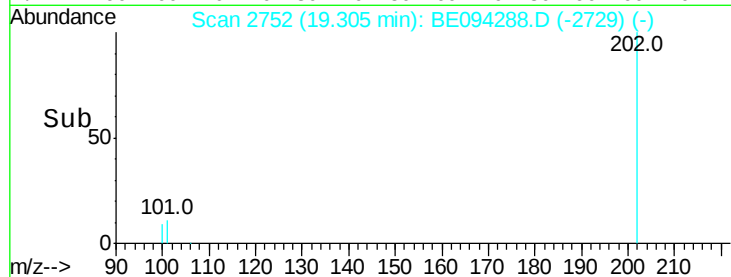
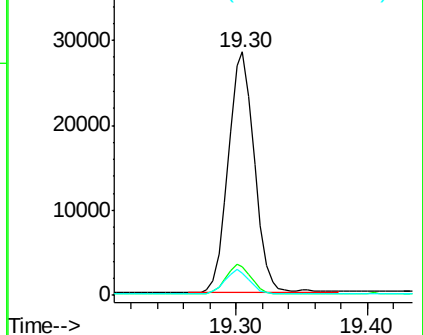
100 9.3 0.0 39.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



#17

Pyrene

Concen: 1.191 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

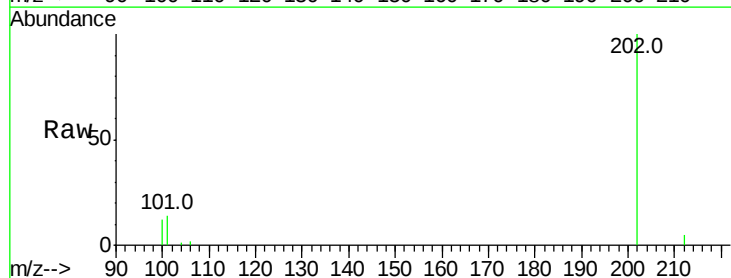
Tgt Ion:202 Resp: 35318

Ion Ratio Lower Upper

202 100

101 14.3 18.2 27.4#

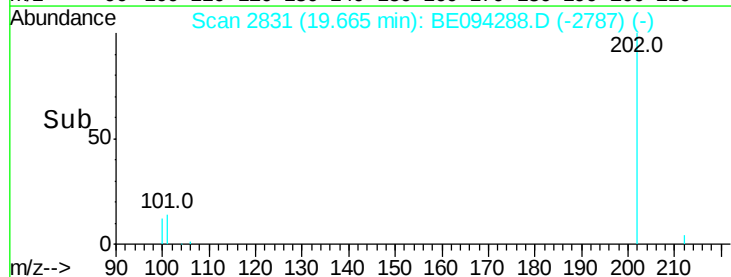
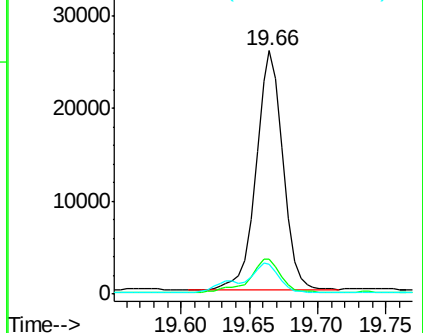
100 12.3 15.6 23.4#

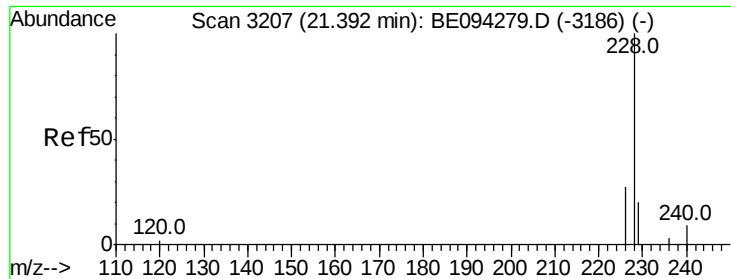


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

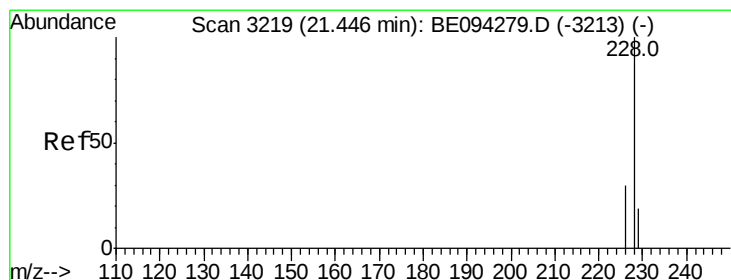
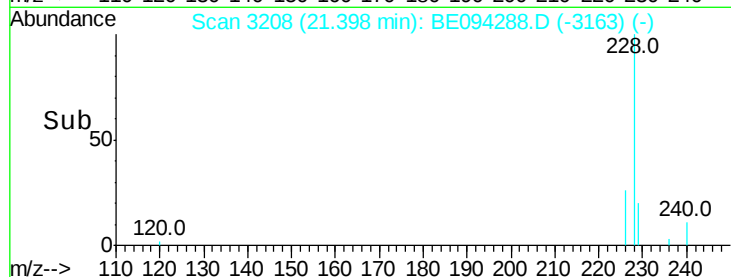
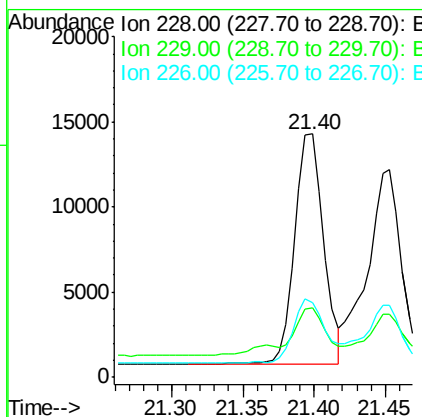
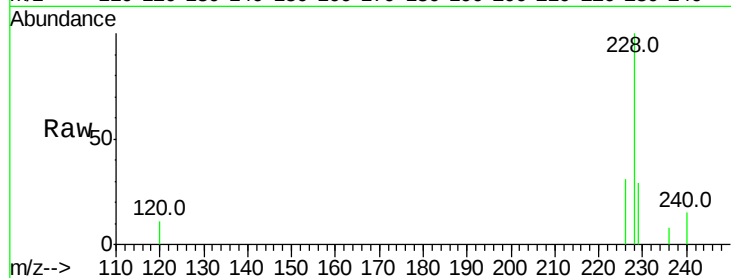




#18
Benzo(a)anthracene
Concen: 0.666 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. 0.01 min
Lab File: BE094288.D
Acq: 11 Oct 2017 20:27

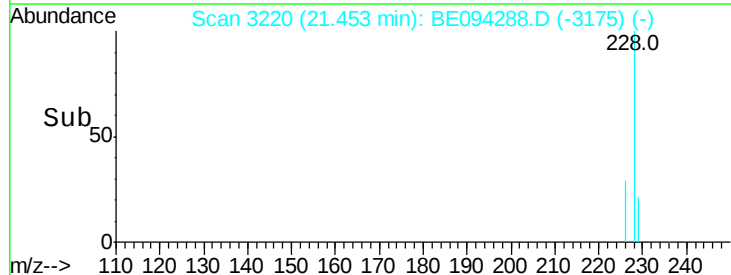
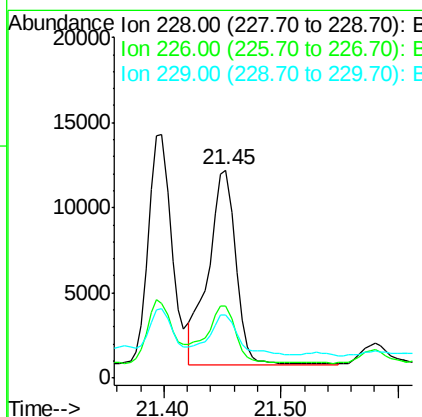
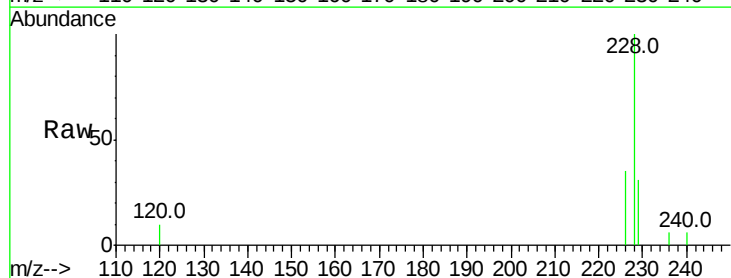
Instrument :
BNA_E
ClientSampleId :

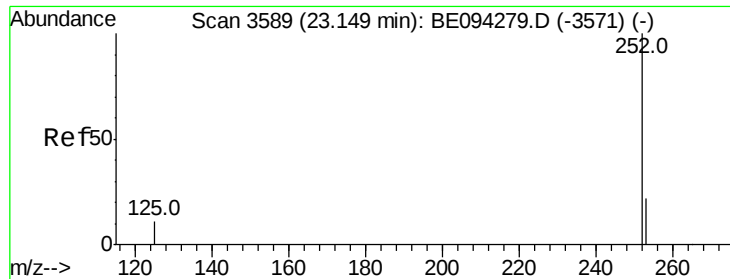
Tot Ion:228 Resp: 18831
Ion Ratio Lower Upper
228 100
229 28.8 22.8 34.2
226 30.8 17.0 25.6#



#19
Chrysene
Concen: 0.572 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. 0.01 min
Lab File: BE094288.D
Acq: 11 Oct 2017 20:27

Tgt Ion:228 Resp: 18669
Ion Ratio Lower Upper
228 100
226 34.8 23.4 35.0
229 30.7 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 1.201 ng/ul

RT: 23.16 min Scan# 3591

Delta R.T. 0.01 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

Instrument :

BNA_E

ClientSampleId :

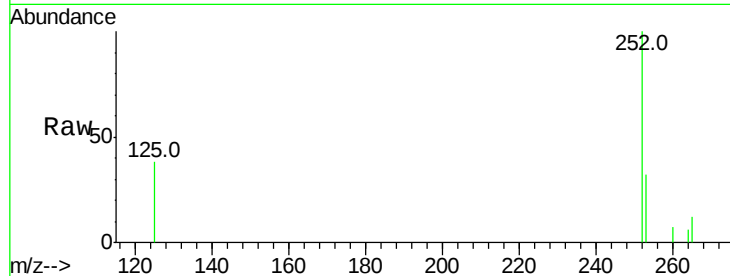
Tot Ion:252 Resp: 35283

Ion Ratio Lower Upper

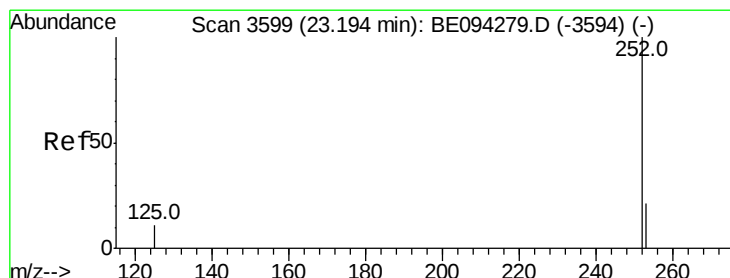
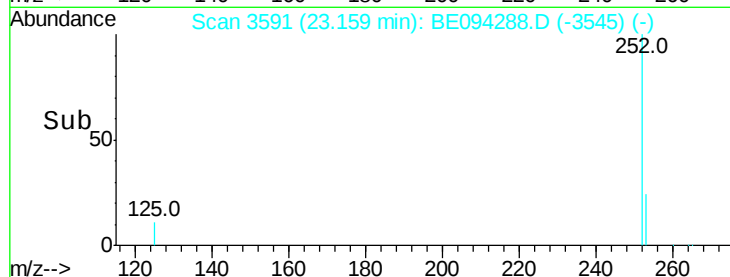
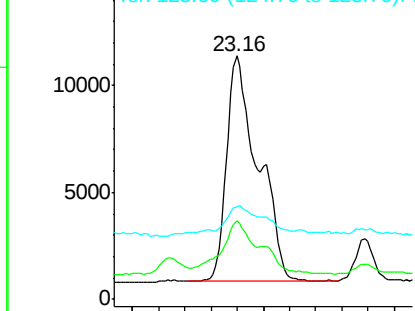
252 100

253 32.3 0.0 64.2

125 38.1 0.0 35.0#



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: 1.037 ng/ul

RT: 23.16 min Scan# 3591

Delta R.T. -0.04 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

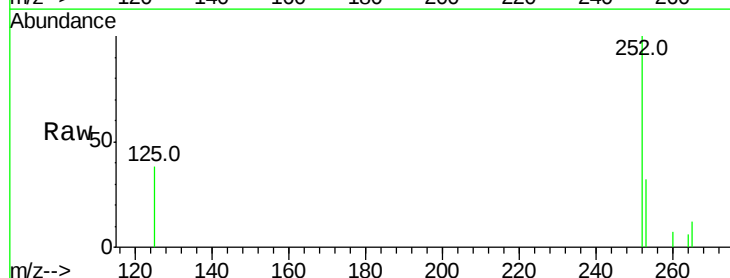
Tgt Ion:252 Resp: 35212

Ion Ratio Lower Upper

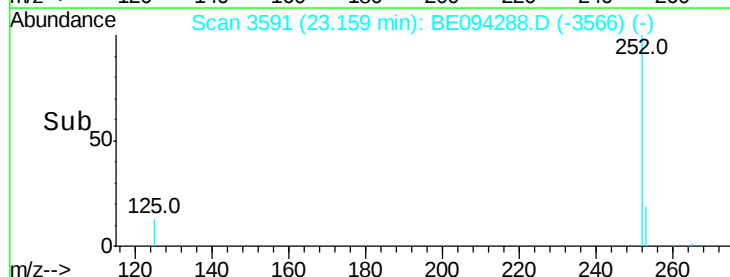
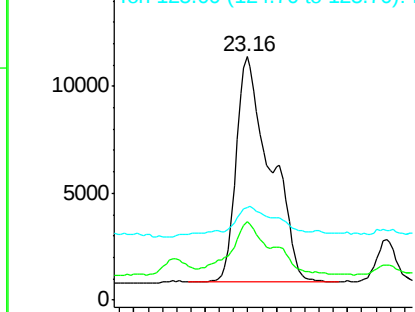
252 100

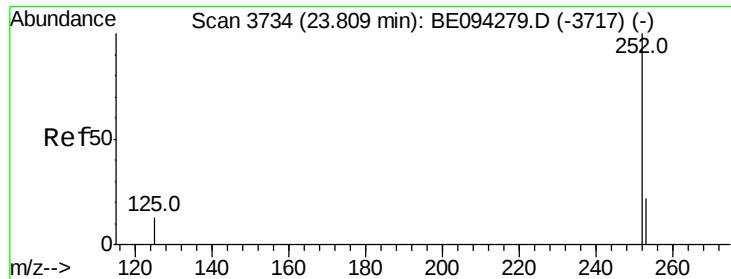
253 32.3 24.5 36.7

125 38.1 13.7 20.5#



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: 0.586 ng/ul

RT: 23.81 min Scan# 3735

Delta R.T. 0.01 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

Instrument :

BNA_E

ClientSampleId :

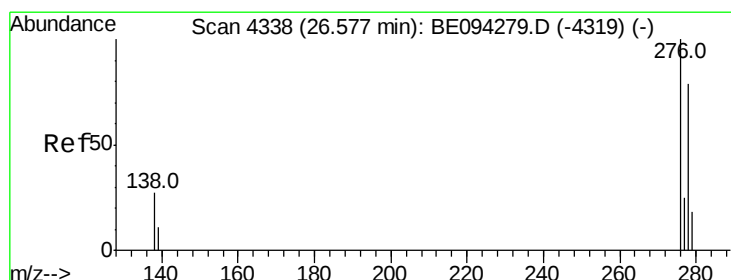
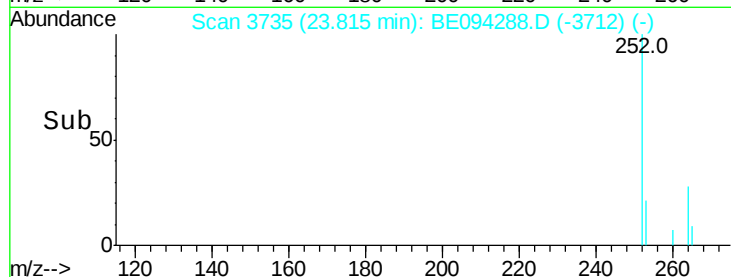
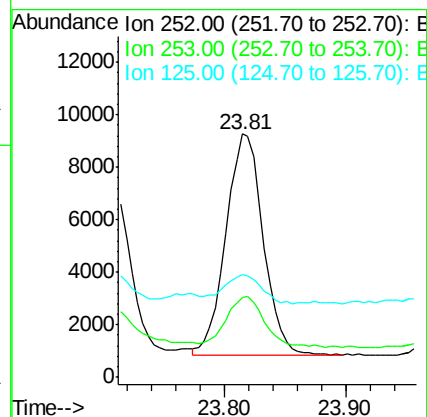
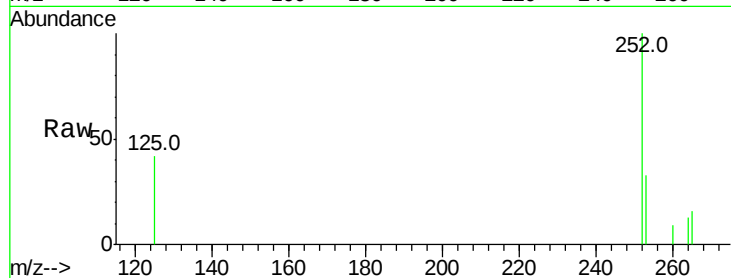
Tot Ion:252 Resp: 17886

Ion Ratio Lower Upper

252 100

253 32.7 28.5 42.7

125 42.3 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.411 ng/ul

RT: 26.59 min Scan# 4341

Delta R.T. 0.01 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

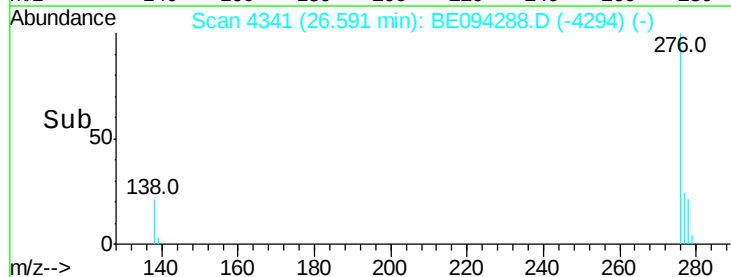
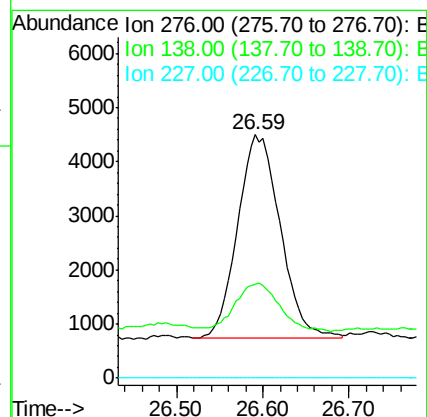
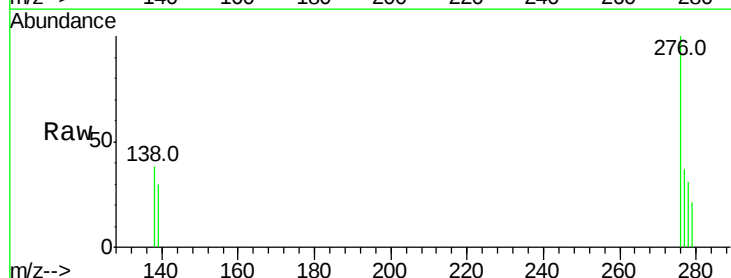
Tgt Ion:276 Resp: 12839

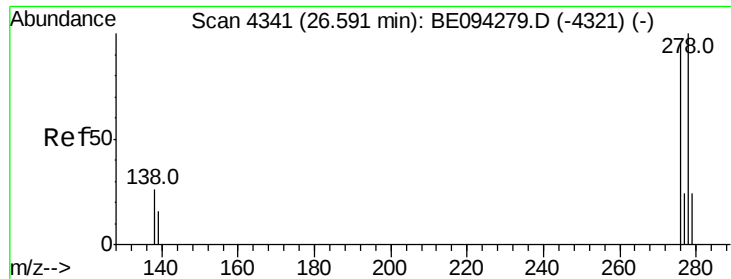
Ion Ratio Lower Upper

276 100

138 24.4 28.0 42.0#

227 0.0 8.0 12.0#

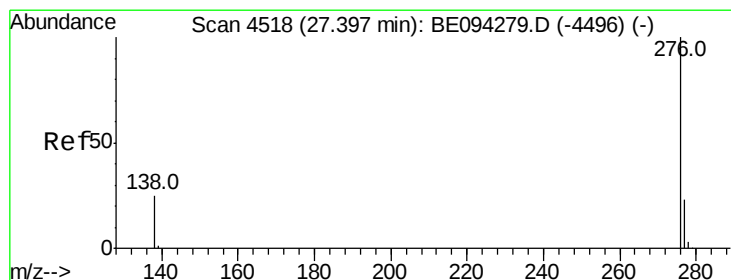
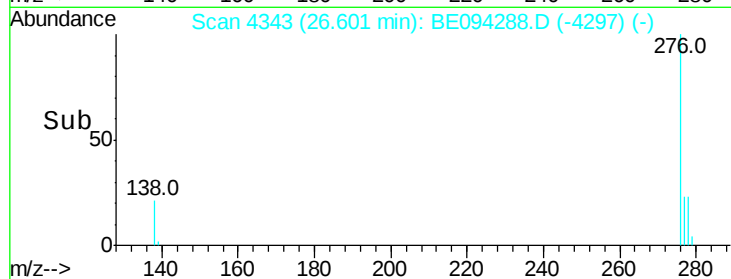
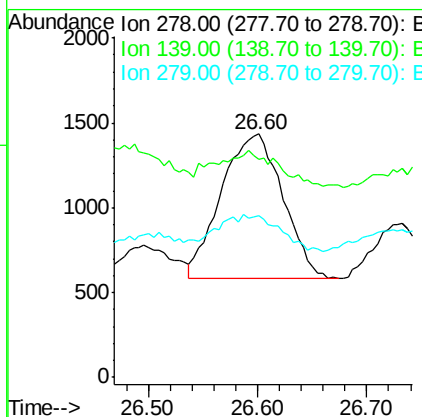
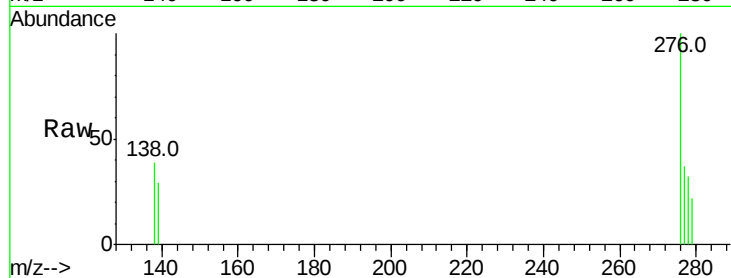




#25
Dibenzo(a,h)anthracene
Concen: 0.128 ng/ul
RT: 26.60 min Scan# 4343
Delta R.T. 0.01 min
Lab File: BE094288.D
Acq: 11 Oct 2017 20:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 3355
Ion Ratio Lower Upper
278 100
139 89.5 17.4 26.0#
279 66.4 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.505 ng/ul
RT: 27.42 min Scan# 4523
Delta R.T. 0.02 min
Lab File: BE094288.D
Acq: 11 Oct 2017 20:27

Tgt Ion:276 Resp: 13599
Ion Ratio Lower Upper
276 100
138 41.2 21.8 32.8#
277 38.8 20.5 30.7#

