

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110317\
 Data File : BE094741.D
 Acq On : 4 Nov 2017 11:02
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.475

Quant Time: Nov 05 23:59:27 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 04 06:57:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1074	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	6441	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3563	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7568	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	7971	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	7556	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3816	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	8653	0.39	ng/ul	0.00

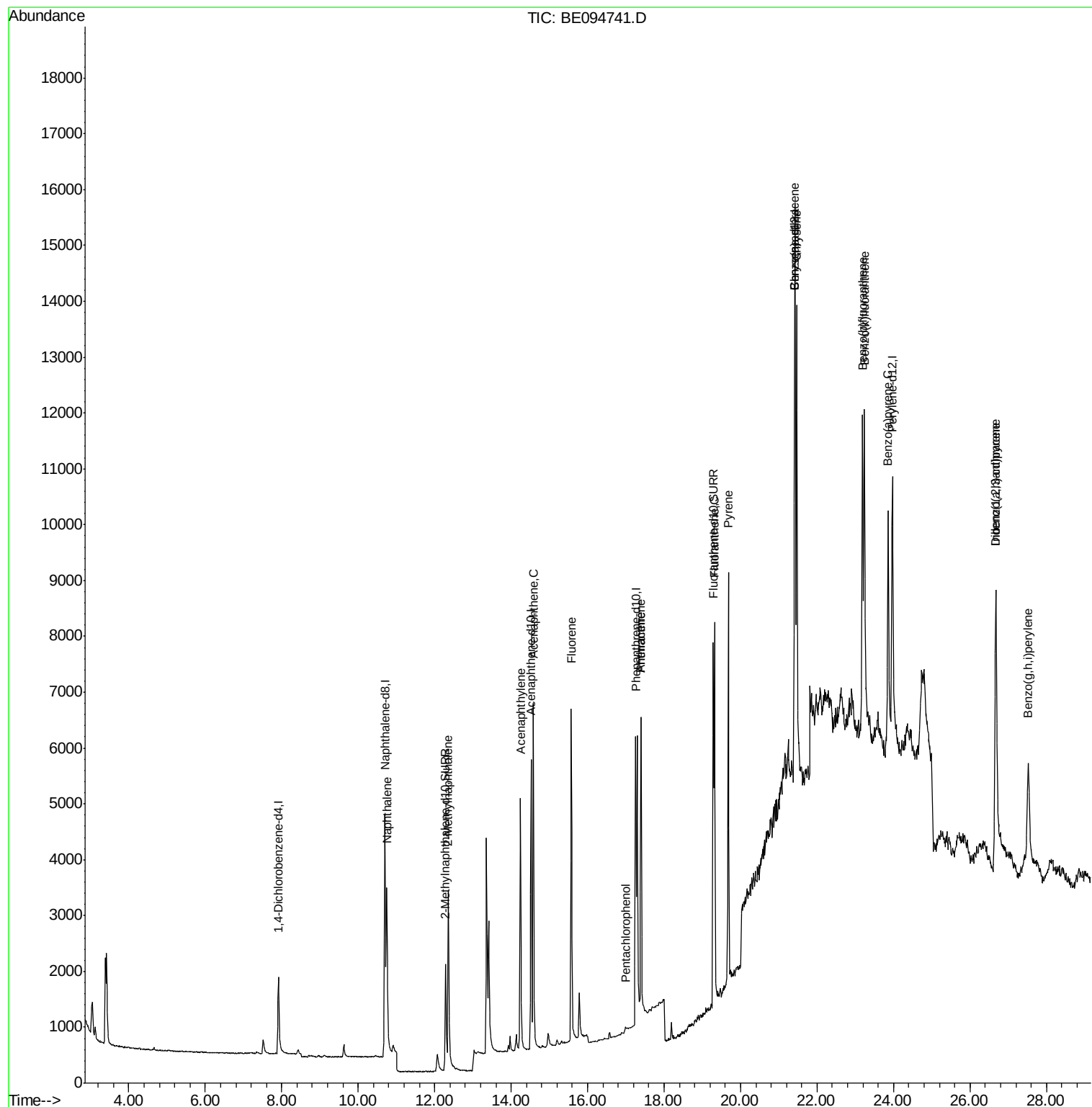
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	5643	0.36	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	3925	0.36	ng/ul	98
7) Acenaphthylene	14.24	152	6152	0.38	ng/ul	98
8) Acenaphthene	14.58	153	4167	0.36	ng/ul	99
9) Fluorene	15.57	166	4763	0.37	ng/ul	94
11) Pentachlorophenol	17.00	266	221	0.58	ng/ul#	64
12) Phenanthrene	17.40	178	6945	0.35	ng/ul	93
13) Anthracene	17.40	178	7599	0.39	ng/ul	95
15) Fluoranthene	19.32	202	9000	0.39	ng/ul	83
17) Pyrene	19.68	202	9523	0.39	ng/ul#	85
18) Benzo(a)anthracene	21.41	228	8565	0.38	ng/ul#	77
19) Chrysene	21.47	228	8890	0.38	ng/ul#	66
21) Benzo(b)fluoranthene	23.19	252	8301	0.39	ng/ul#	62
22) Benzo(k)fluoranthene	23.24	252	8097	0.36	ng/ul#	51
23) Benzo(a)pyrene	23.86	252	8627	0.41	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	26.68	276	7961	0.36	ng/ul#	77
25) Dibenzo(a,h)anthracene	26.67	278	6963	0.38	ng/ul#	55
26) Benzo(g,h,i)perylene	27.53	276	5564	0.32	ng/ul#	52

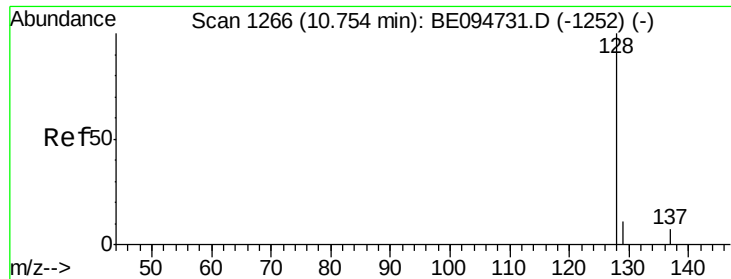
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110317\
Data File : BE094741.D
Acq On : 4 Nov 2017 11:02
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
SSTD0.475

Quant Time: Nov 05 23:59:27 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
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#3

Naphthalene

Concen: 0.36 ng/ul

RT: 10.75 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094741.D

Acq: 4 Nov 2017 11:02

Instrument :

BNA_E

ClientSampleId :

SSTD0.475

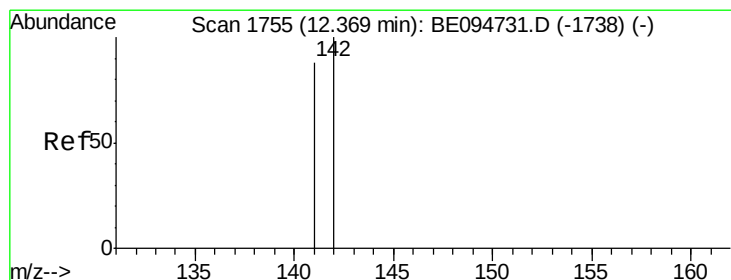
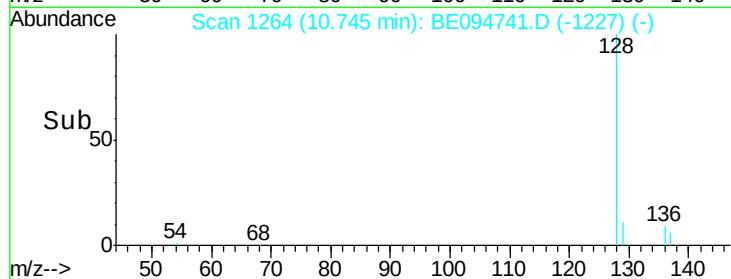
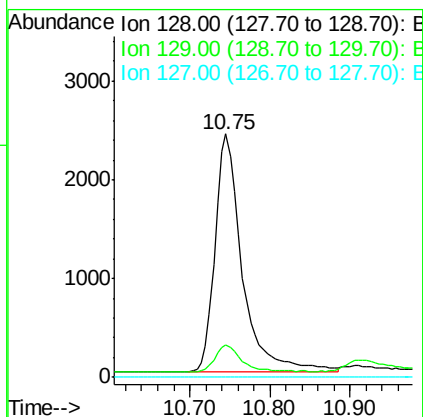
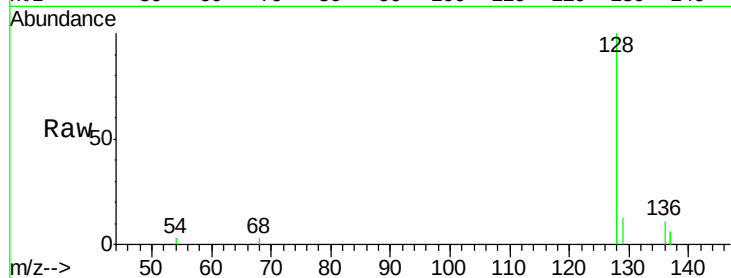
Tot Ion:128 Resp: 5643

Ion Ratio Lower Upper

128 100

129 13.3 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.36 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BE094741.D

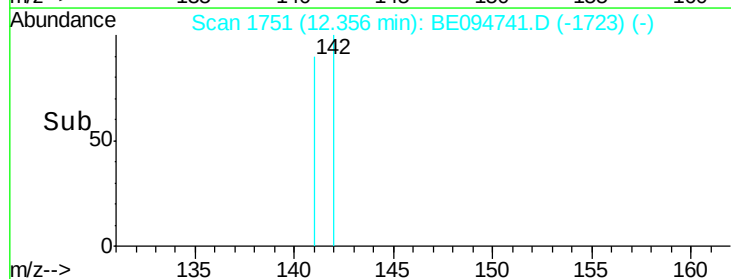
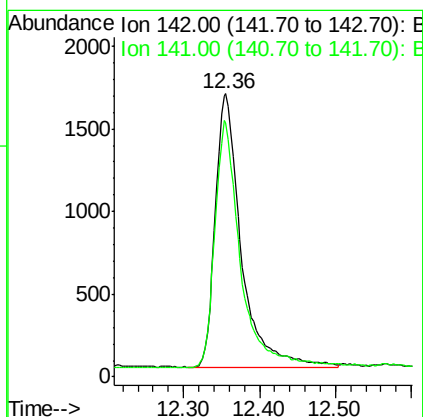
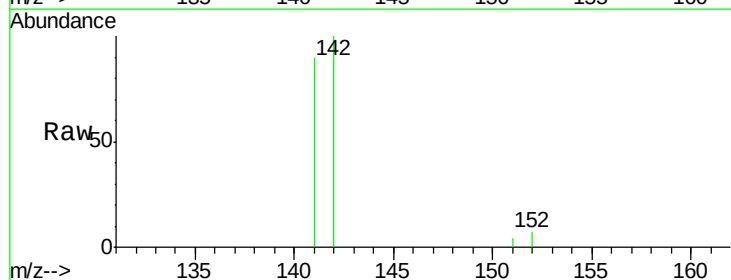
Acq: 4 Nov 2017 11:02

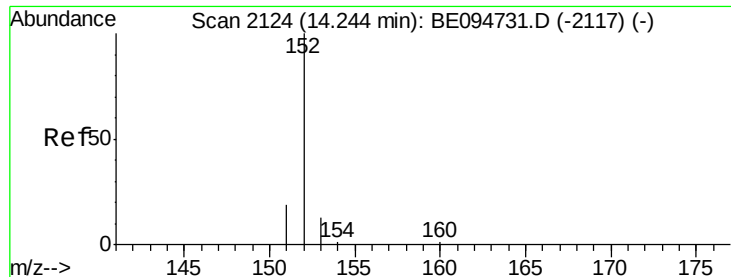
Tgt Ion:142 Resp: 3925

Ion Ratio Lower Upper

142 100

141 89.2 72.6 108.8





#7

Acenaphthylene

Concen: 0.38 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE094741.D

Acq: 4 Nov 2017 11:02

Instrument :

BNA_E

ClientSampleId :

SSTD0.475

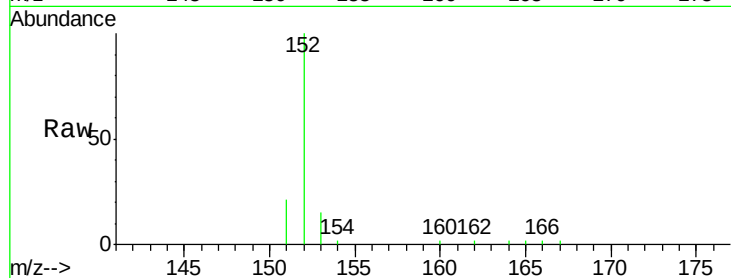
Tot Ion:152 Resp: 6152

Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

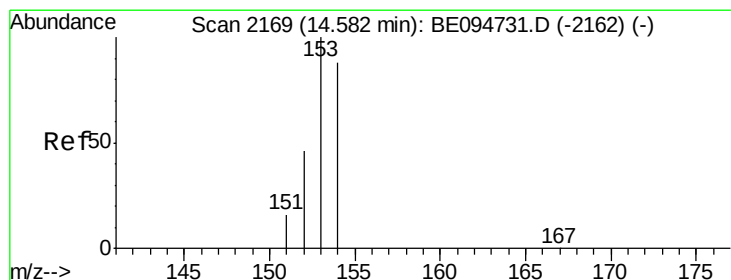
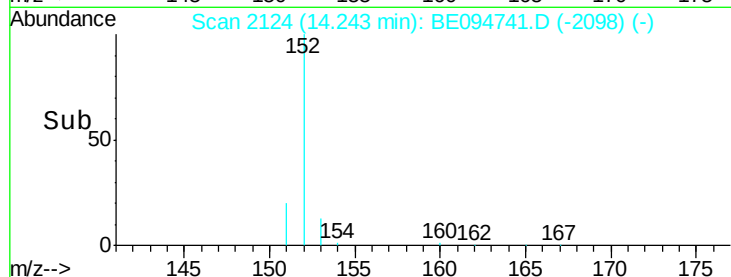
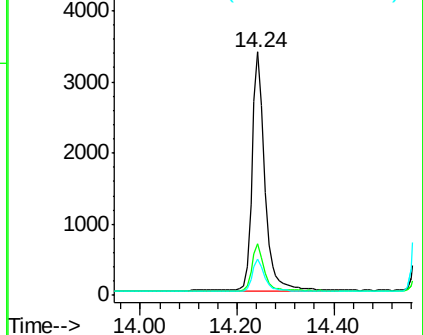
153 14.7 12.8 19.2



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: 0.36 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BE094741.D

Acq: 4 Nov 2017 11:02

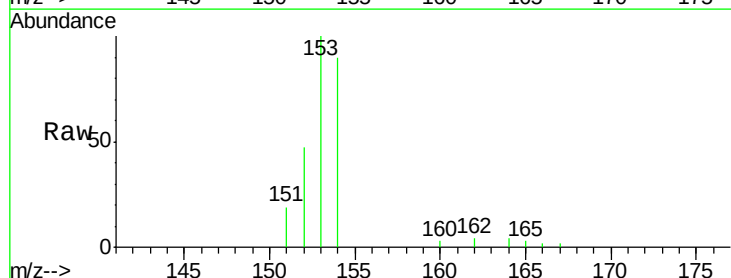
Tgt Ion:153 Resp: 4167

Ion Ratio Lower Upper

153 100

152 47.3 36.0 54.0

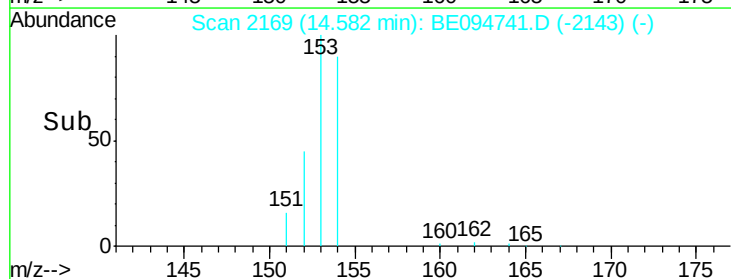
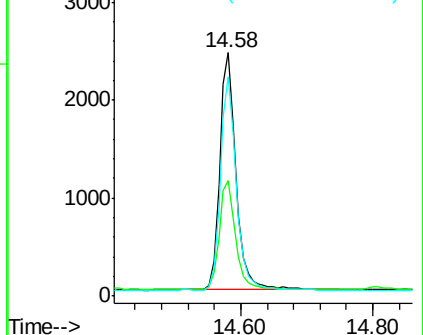
154 90.3 72.0 108.0

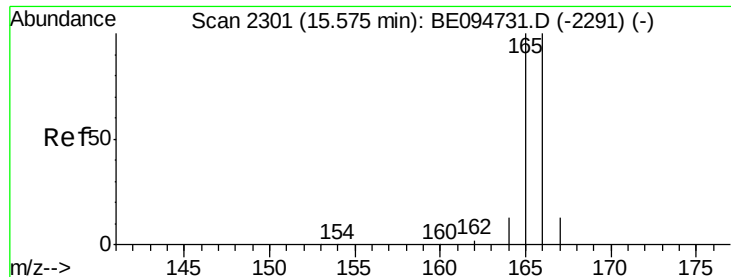


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.37 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BE094741.D

Acq: 4 Nov 2017 11:02

Instrument :

BNA_E

ClientSampleId :

SSTD0.475

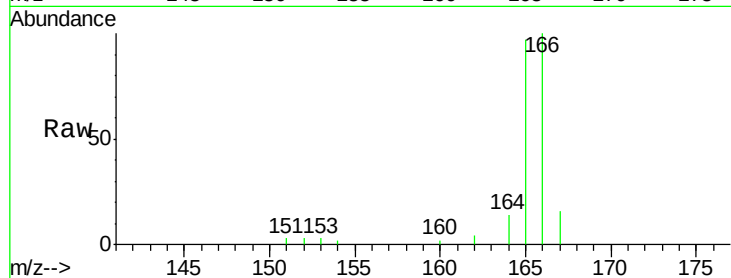
Tot Ion:166 Resp: 4763

Ion Ratio Lower Upper

166 100

165 97.4 73.4 110.2

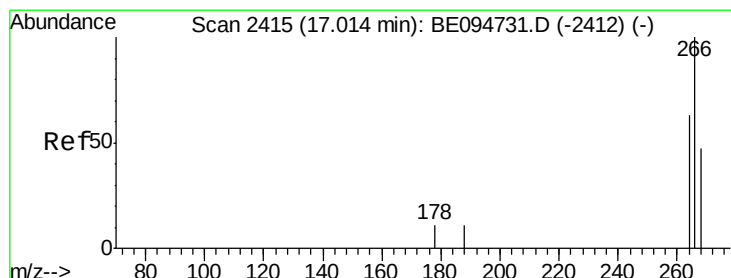
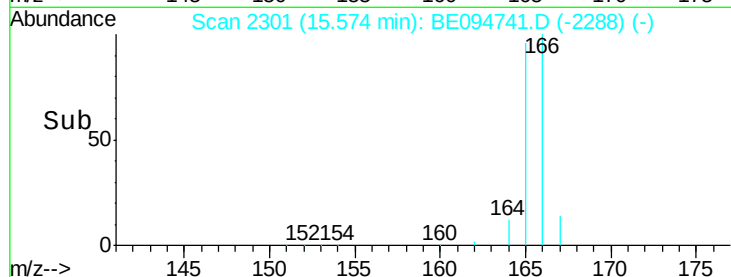
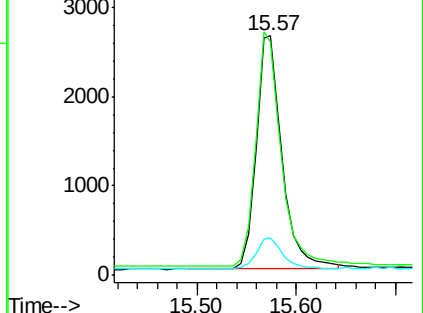
167 15.9 14.6 22.0



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: 0.58 ng/ul

RT: 17.00 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BE094741.D

Acq: 4 Nov 2017 11:02

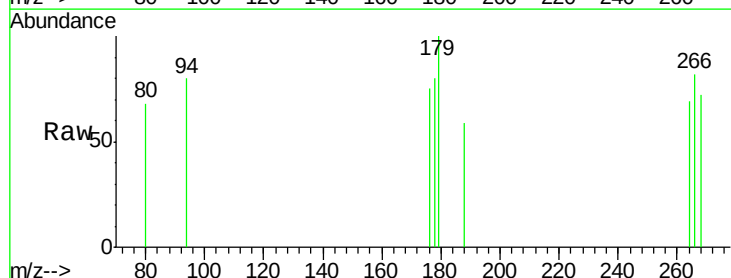
Tgt Ion:266 Resp: 221

Ion Ratio Lower Upper

266 100

264 65.2 47.9 71.9

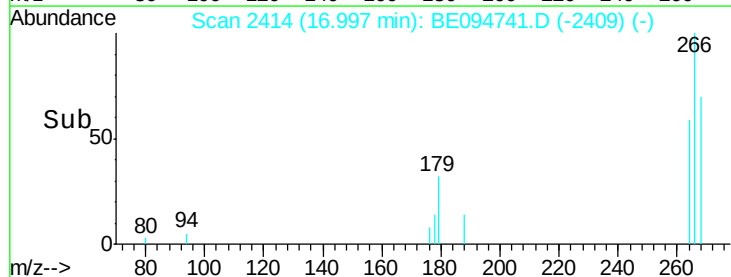
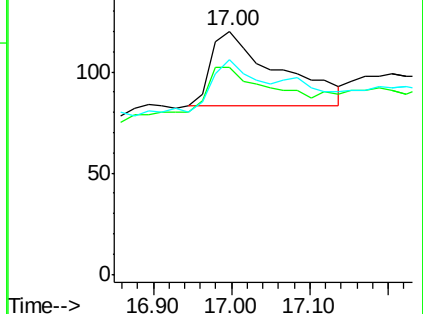
268 110.9 49.8 74.8#

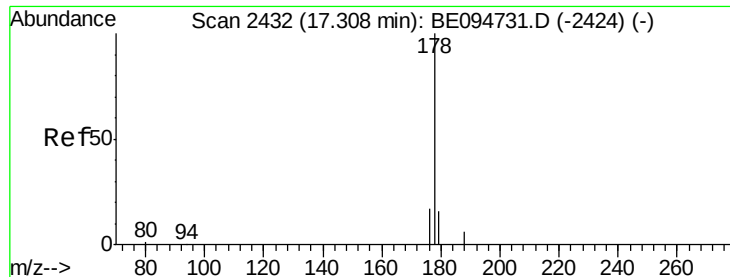


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.35 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.09 min

Lab File: BE094741.D

Acq: 4 Nov 2017 11:02

Instrument :

BNA_E

ClientSampleId :

SSTD0.475

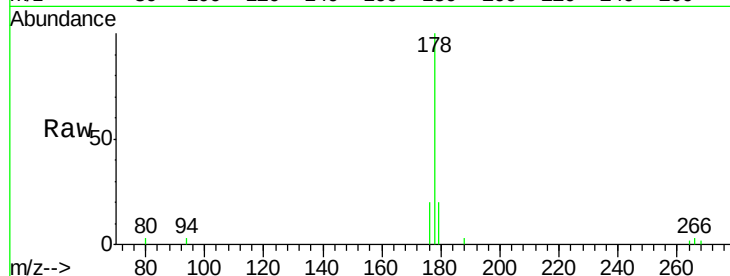
Tot Ion:178 Resp: 6945

Ion Ratio Lower Upper

178 100

179 19.6 18.4 27.6

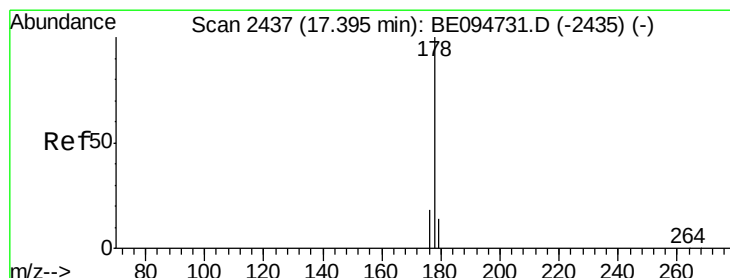
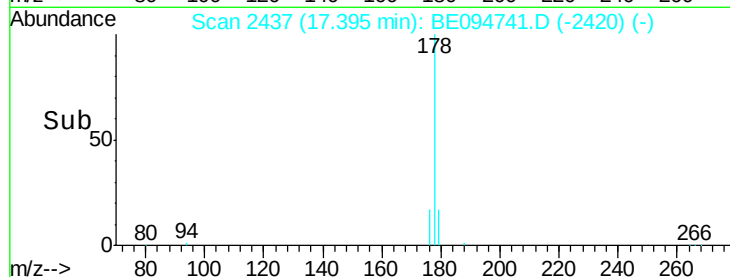
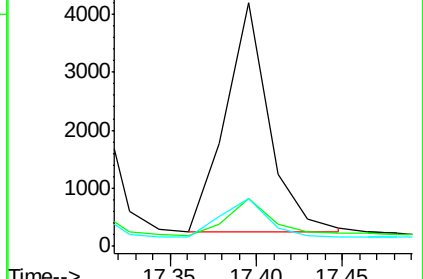
176 19.6 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.39 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094741.D

Acq: 4 Nov 2017 11:02

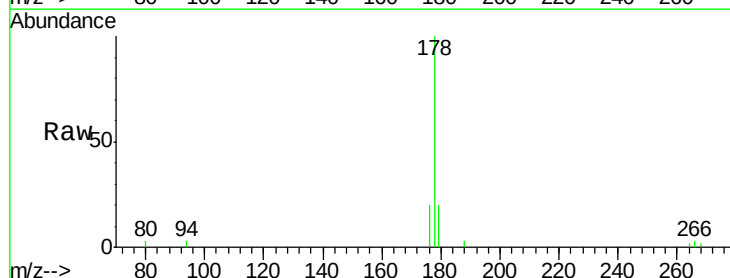
Tgt Ion:178 Resp: 7599

Ion Ratio Lower Upper

178 100

179 19.6 18.1 27.1

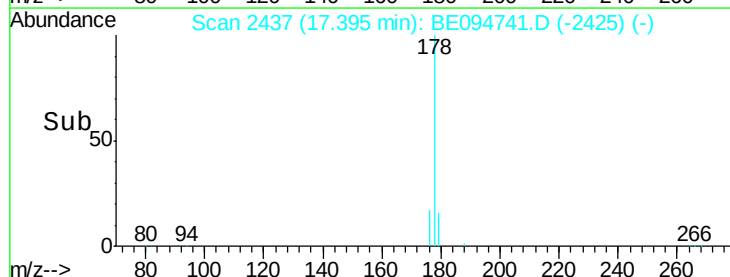
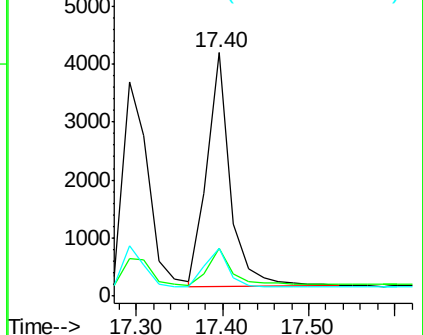
176 19.6 14.7 22.1

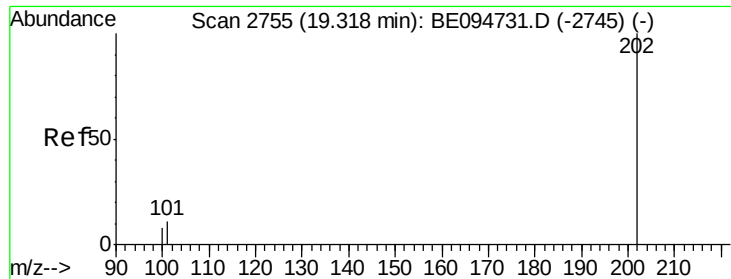


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.39 ng/ul

RT: 19.32 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BE094741.D

Acq: 4 Nov 2017 11:02

Instrument :

BNA_E

ClientSampleId :

SSTD0.475

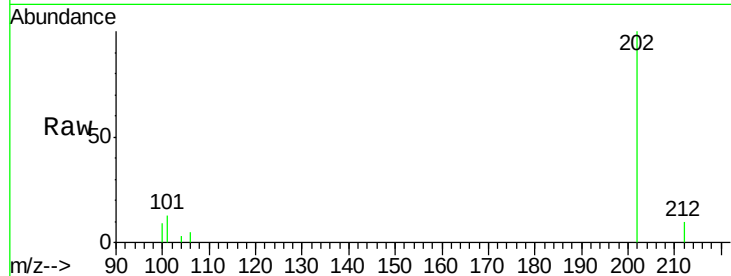
Tot Ion:202 Resp: 9000

Ion Ratio Lower Upper

202 100

101 13.0 0.0 30.3

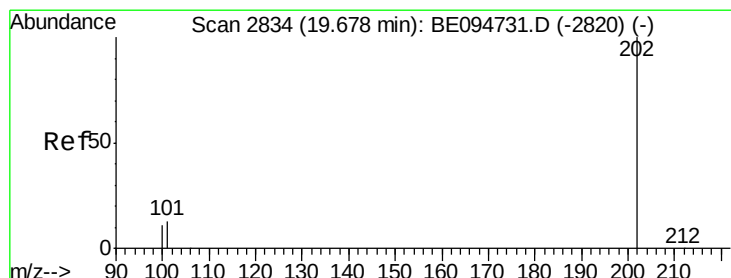
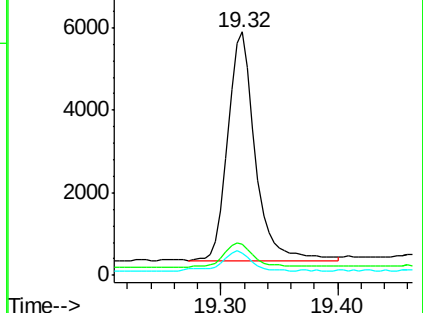
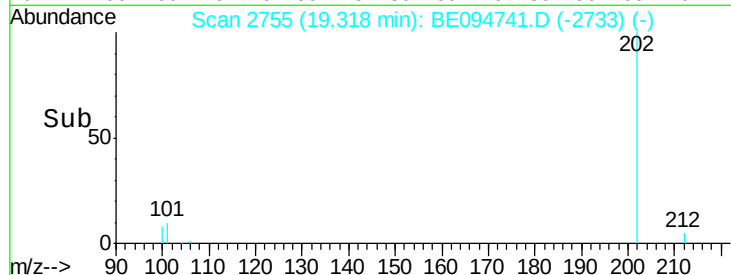
100 9.2 0.0 39.5



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: 0.39 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BE094741.D

Acq: 4 Nov 2017 11:02

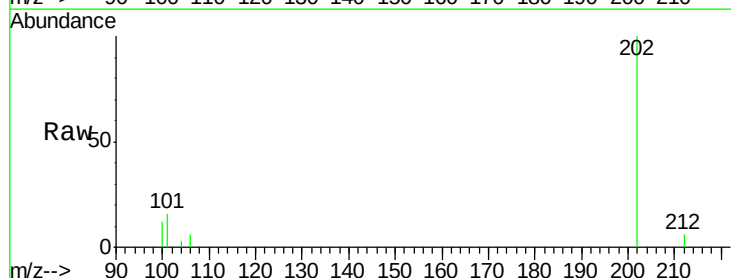
Tgt Ion:202 Resp: 9523

Ion Ratio Lower Upper

202 100

101 15.8 18.2 27.4#

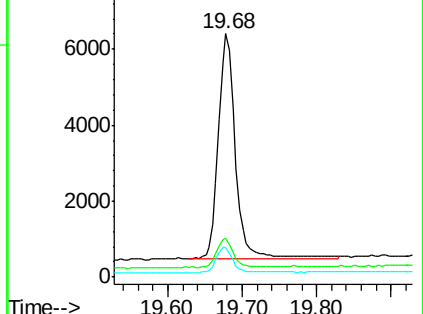
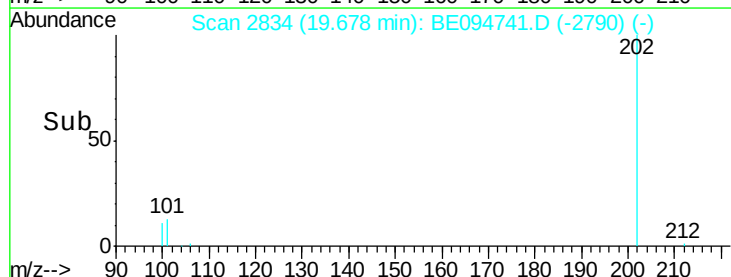
100 12.1 15.6 23.4#

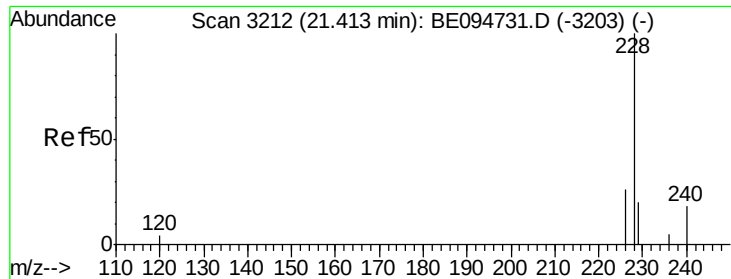


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

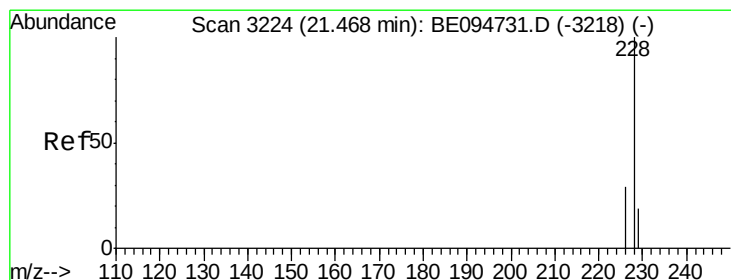
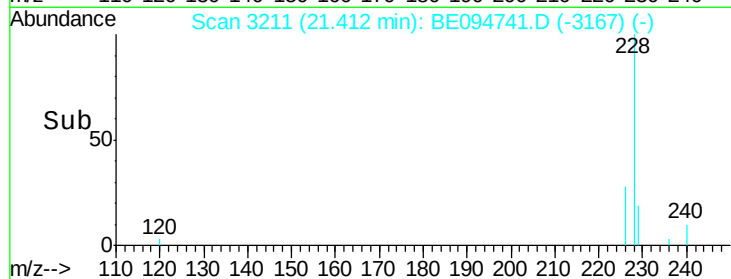
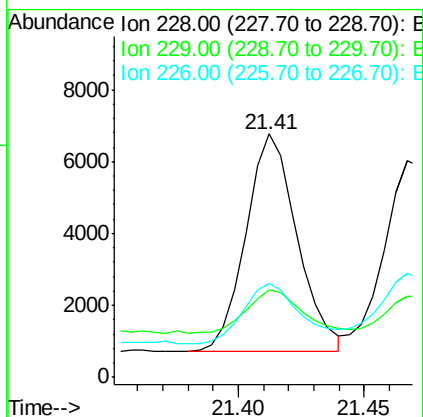
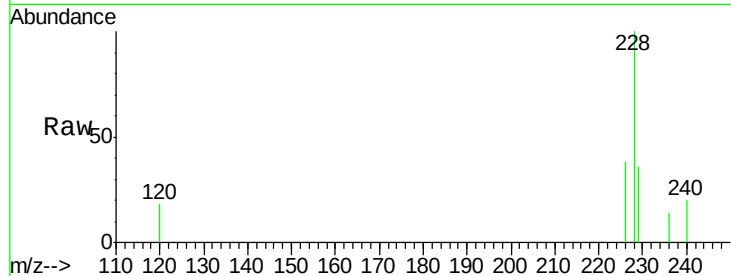




#18
Benzo(a)anthracene
Concen: 0.38 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094741.D
Acq: 4 Nov 2017 11:02

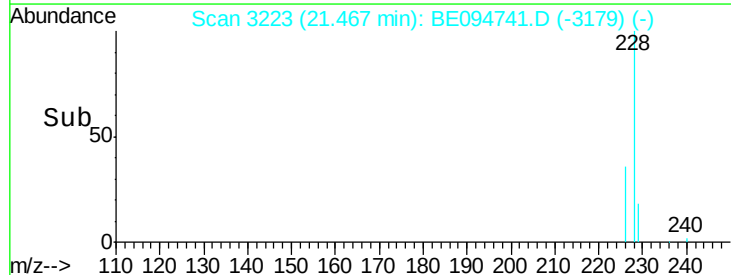
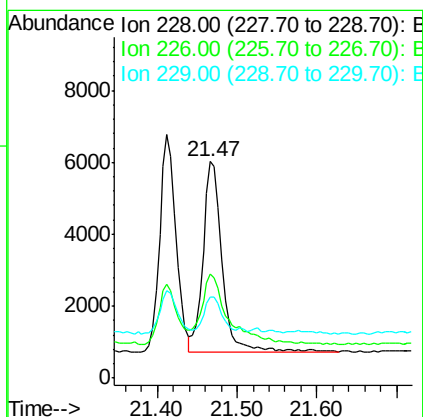
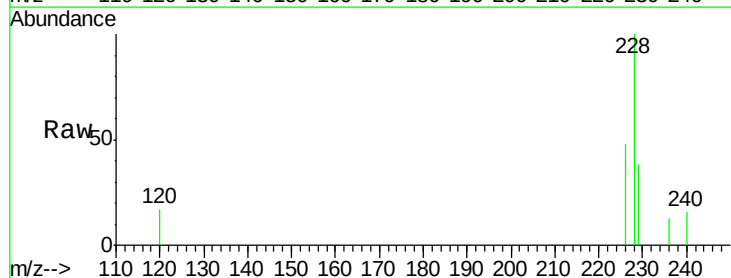
Instrument :
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SSTD0.475

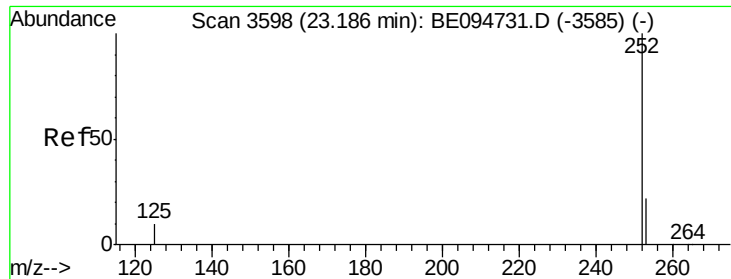
Tot Ion:228 Resp: 8565
Ion Ratio Lower Upper
228 100
229 35.8 22.8 34.2#
226 38.5 17.0 25.6#



#19
Chrysene
Concen: 0.38 ng/ul
RT: 21.47 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BE094741.D
Acq: 4 Nov 2017 11:02

Tgt Ion:228 Resp: 8890
Ion Ratio Lower Upper
228 100
226 48.2 23.4 35.0#
229 37.5 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.39 ng/ul

RT: 23.19 min Scan# 3597

Delta R.T. 0.00 min

Lab File: BE094741.D

Acq: 4 Nov 2017 11:02

Instrument :

BNA_E

ClientSampleId :

SSTD0.475

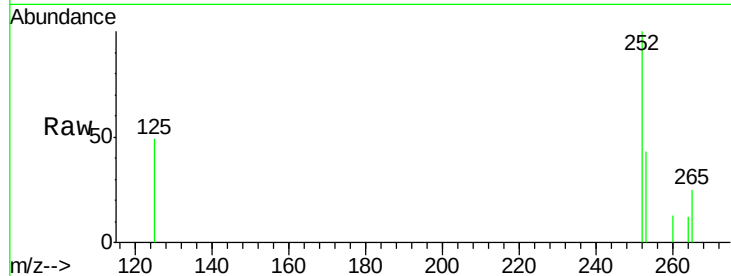
Tot Ion:252 Resp: 8301

Ion Ratio Lower Upper

252 100

253 42.6 0.0 64.2

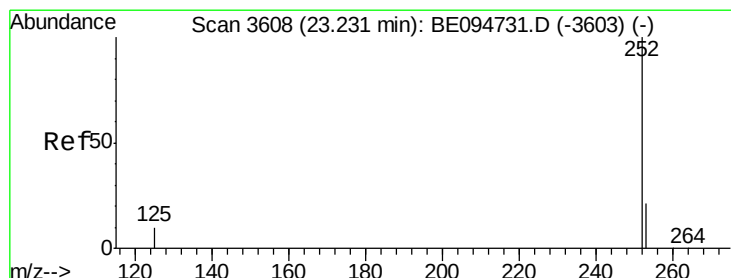
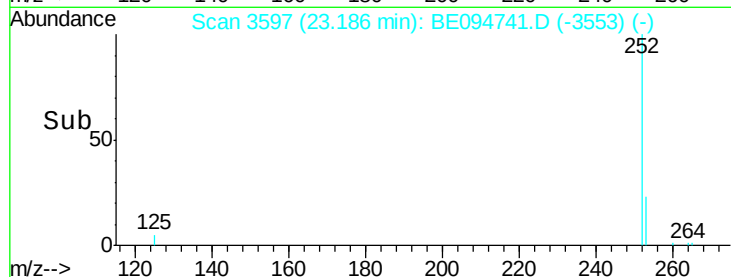
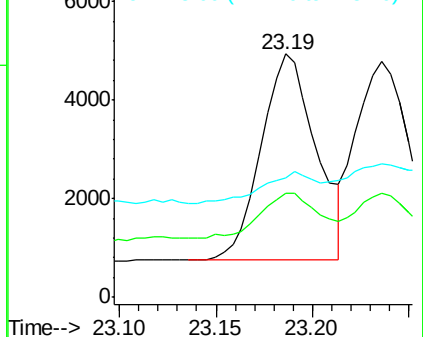
125 49.2 0.0 35.0#



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: 0.36 ng/ul

RT: 23.24 min Scan# 3608

Delta R.T. 0.00 min

Lab File: BE094741.D

Acq: 4 Nov 2017 11:02

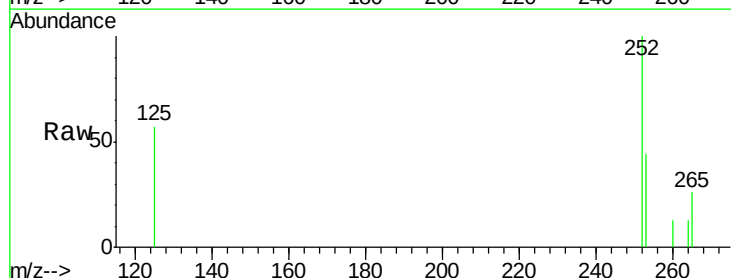
Tgt Ion:252 Resp: 8097

Ion Ratio Lower Upper

252 100

253 44.0 24.5 36.7#

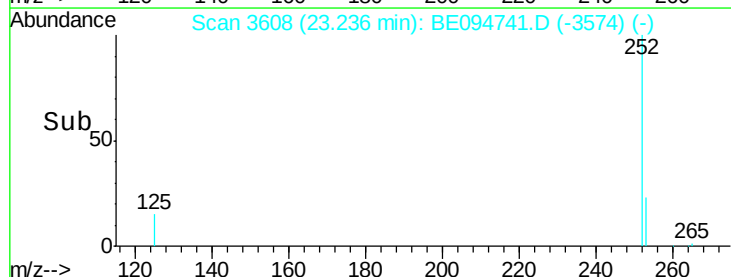
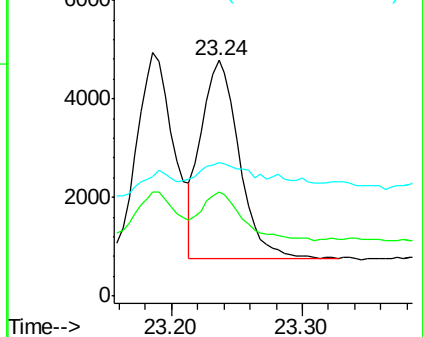
125 56.9 13.7 20.5#

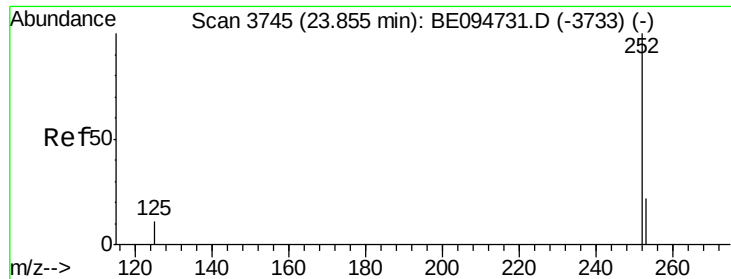


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.41 ng/ul

RT: 23.86 min Scan# 3745

Delta R.T. 0.00 min

Lab File: BE094741.D

Acq: 4 Nov 2017 11:02

Instrument :

BNA_E

ClientSampleId :

SSTD0.475

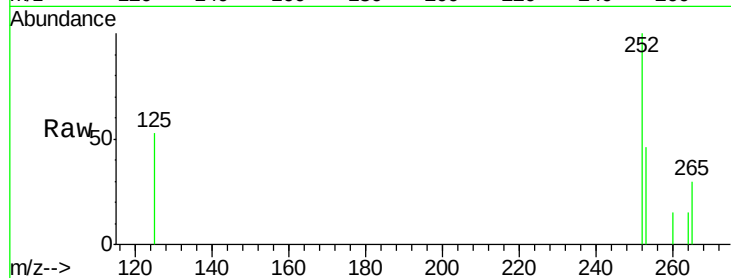
Tot Ion:252 Resp: 8627

Ion Ratio Lower Upper

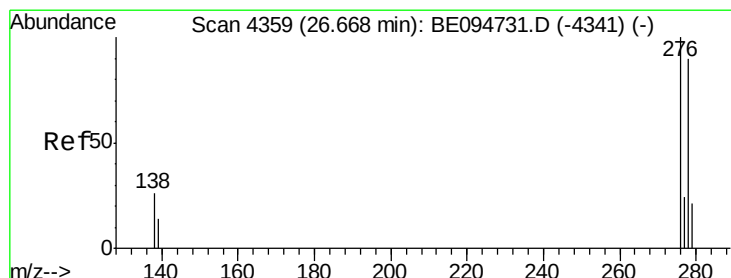
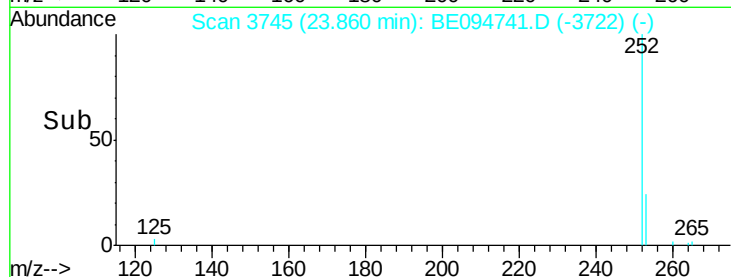
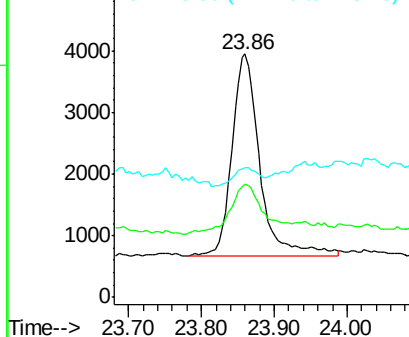
252 100

253 46.4 28.5 42.7#

125 53.4 18.1 27.1#



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: 0.36 ng/ul

RT: 26.68 min Scan# 4360

Delta R.T. 0.01 min

Lab File: BE094741.D

Acq: 4 Nov 2017 11:02

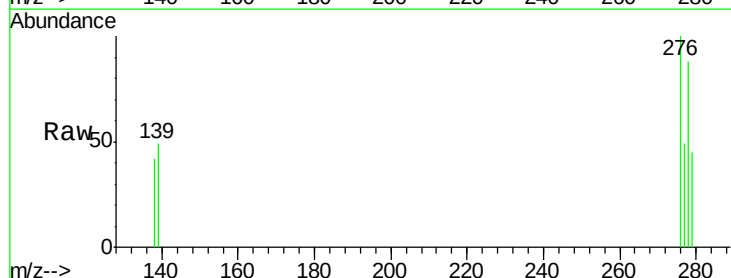
Tgt Ion:276 Resp: 7961

Ion Ratio Lower Upper

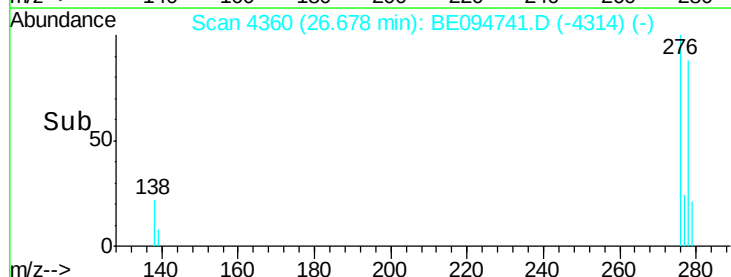
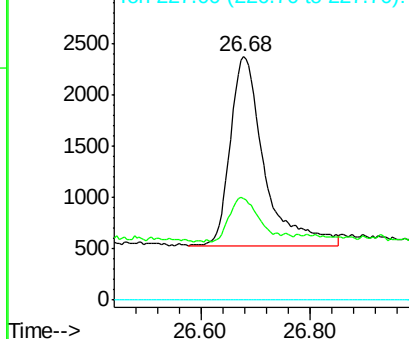
276 100

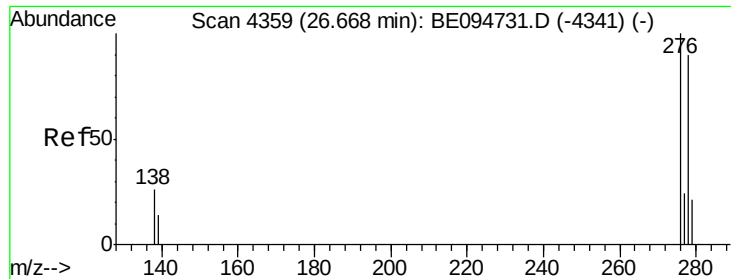
138 22.5 28.0 42.0#

227 0.0 8.0 12.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

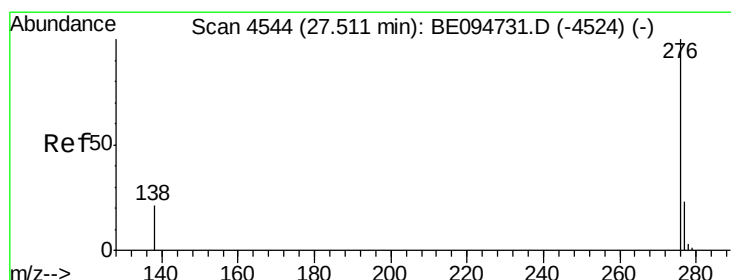
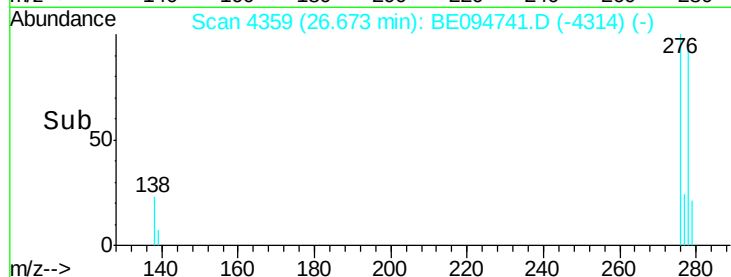
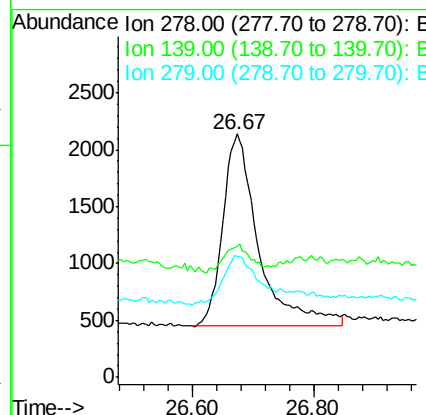
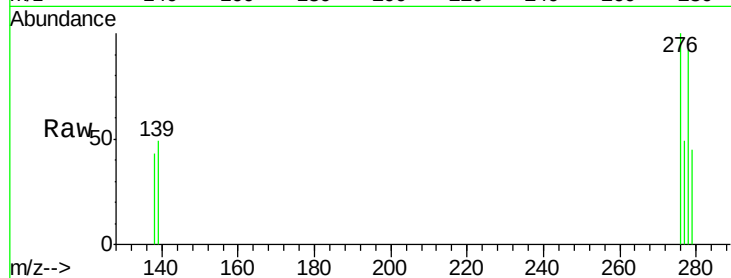




#25
Dibenzo(a,h)anthracene
Concen: 0.38 ng/ul
RT: 26.67 min Scan# 4359
Delta R.T. 0.00 min
Lab File: BE094741.D
Acq: 4 Nov 2017 11:02

Instrument :
BNA_E
ClientSampleId :
SSTD0.475

Tot Ion:278 Resp: 6963
Ion Ratio Lower Upper
278 100
139 53.7 17.4 26.0#
279 49.5 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.32 ng/ul
RT: 27.53 min Scan# 4546
Delta R.T. 0.01 min
Lab File: BE094741.D
Acq: 4 Nov 2017 11:02

Tgt Ion:276 Resp: 5564
Ion Ratio Lower Upper
276 100
138 47.7 21.8 32.8#
277 54.8 20.5 30.7#

