

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110617\
 Data File : BE094747.D
 Acq On : 6 Nov 2017 11:11
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.477

Quant Time: Nov 07 00:07:37 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:30:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1092	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	6874	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3737	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	8051	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	8242	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	7807	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4067	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	9332	0.39	ng/ul	0.00

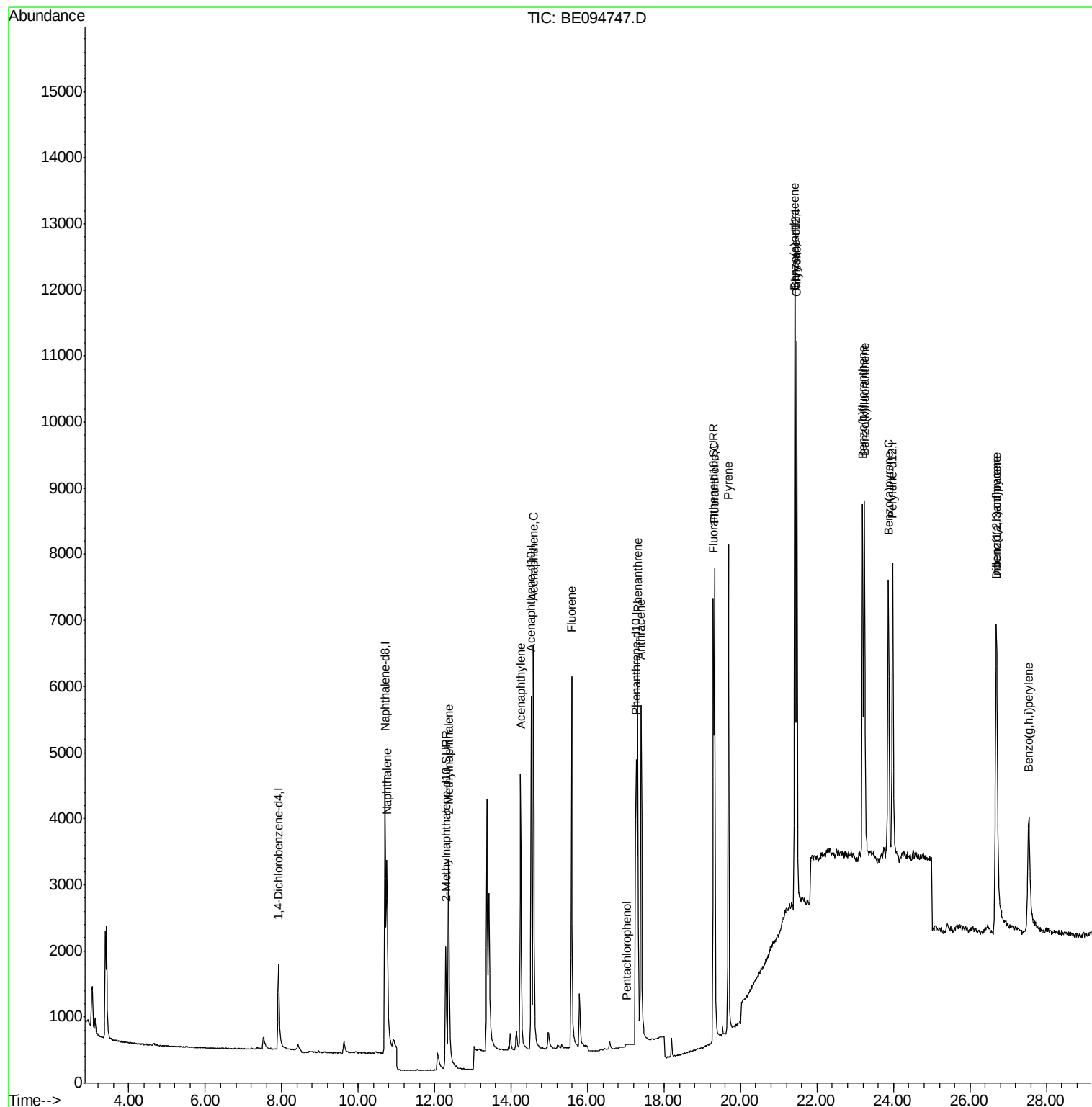
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	6069	0.36	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	4102	0.35	ng/ul	98
7) Acenaphthylene	14.25	152	6224	0.37	ng/ul	97
8) Acenaphthene	14.58	153	4384	0.36	ng/ul	96
9) Fluorene	15.58	166	4875	0.36	ng/ul	95
11) Pentachlorophenol	17.01	266	138	0.34	ng/ul#	86
12) Phenanthrene	17.31	178	7560	0.36	ng/ul#	92
13) Anthracene	17.39	178	8124	0.39	ng/ul#	90
15) Fluoranthene	19.32	202	9469	0.39	ng/ul	84
17) Pyrene	19.68	202	10140	0.40	ng/ul#	82
18) Benzo(a)anthracene	21.42	228	8944	0.38	ng/ul#	90
19) Chrysene	21.47	228	8814	0.36	ng/ul#	90
21) Benzo(b)fluoranthene	23.19	252	8313	0.38	ng/ul	87
22) Benzo(k)fluoranthene	23.24	252	8912	0.38	ng/ul#	84
23) Benzo(a)pyrene	23.86	252	8308	0.38	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.70	276	7699	0.34	ng/ul#	81
25) Dibenzo(a,h)anthracene	26.69	278	6877	0.36	ng/ul#	73
26) Benzo(g,h,i)perylene	27.54	276	5708	0.31	ng/ul#	68

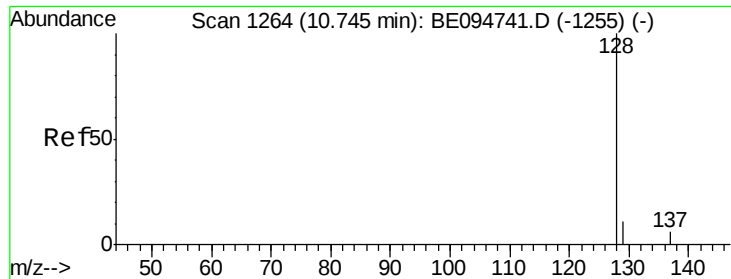
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110617\
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Misc :
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#3

Naphthalene

Concen: 0.36 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BE094747.D

Acq: 6 Nov 2017 11:11

Instrument :

BNA_E

ClientSampleId :

SSTD0.477

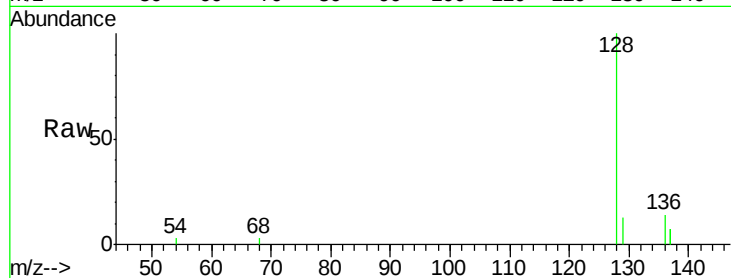
Tot Ion:128 Resp: 6069

Ion Ratio Lower Upper

128 100

129 13.5 11.3 16.9

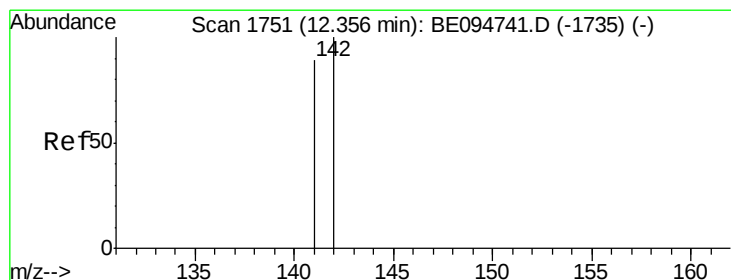
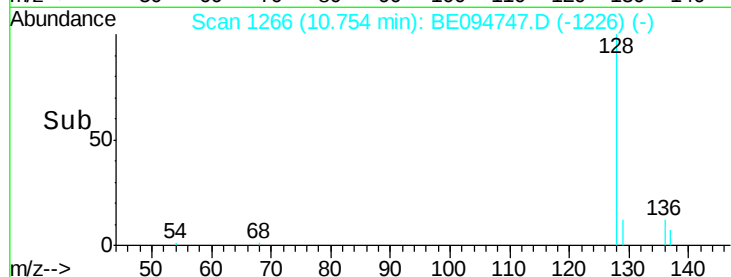
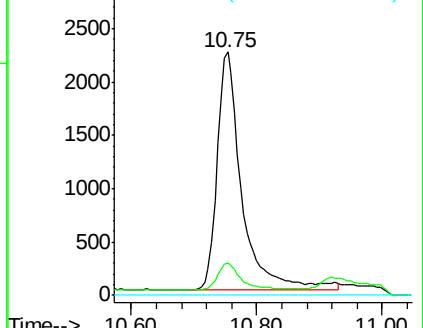
127 0.0 4.0 6.0#



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: 0.35 ng/ul

RT: 12.36 min Scan# 1753

Delta R.T. 0.01 min

Lab File: BE094747.D

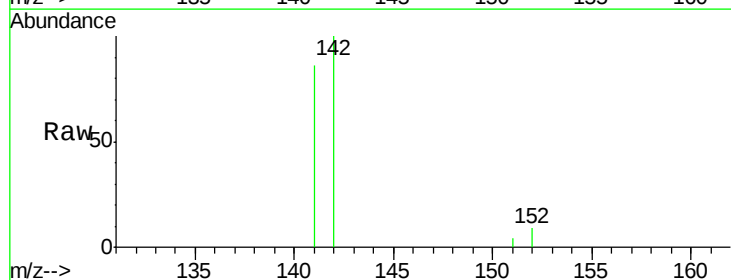
Acq: 6 Nov 2017 11:11

Tgt Ion:142 Resp: 4102

Ion Ratio Lower Upper

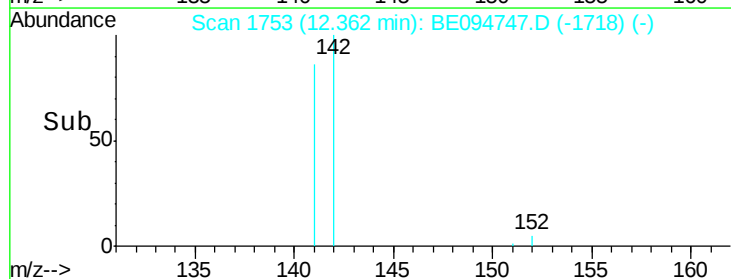
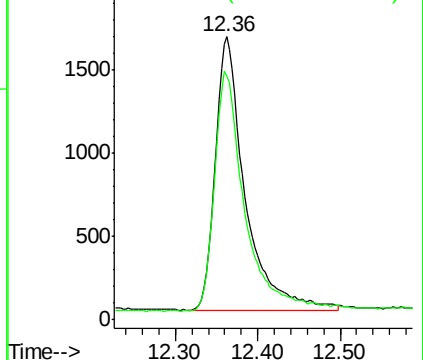
142 100

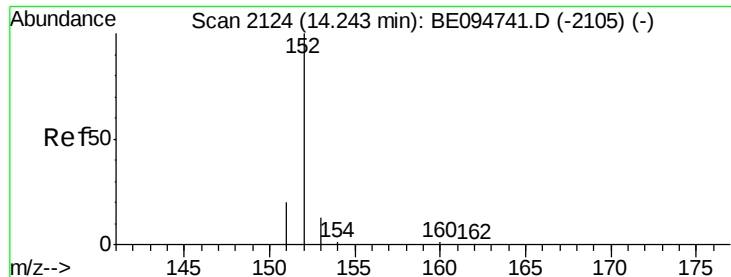
141 89.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.37 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE094747.D

Acq: 6 Nov 2017 11:11

Instrument :

BNA_E

ClientSampleId :

SSTD0.477

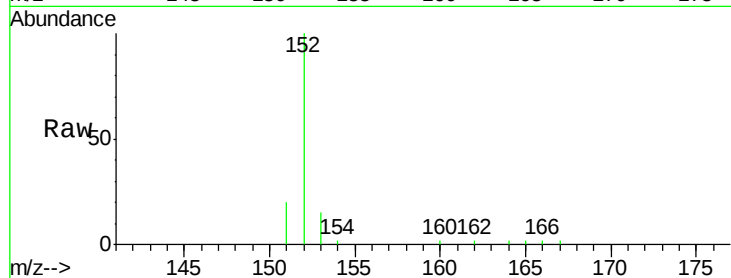
Tot Ion:152 Resp: 6224

Ion Ratio Lower Upper

152 100

151 20.0 17.1 25.7

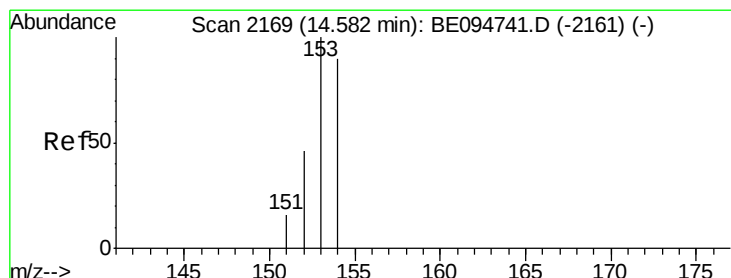
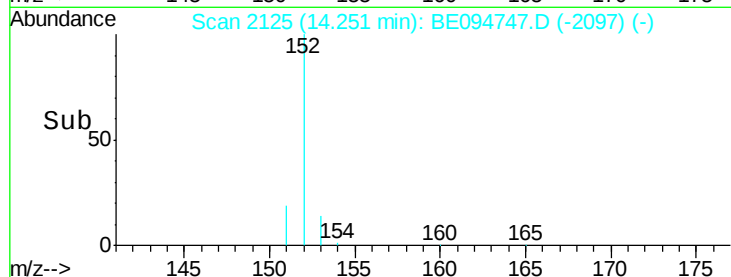
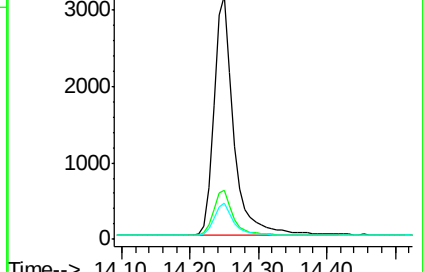
153 14.9 12.8 19.2



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: BE094747.D

Acq: 6 Nov 2017 11:11

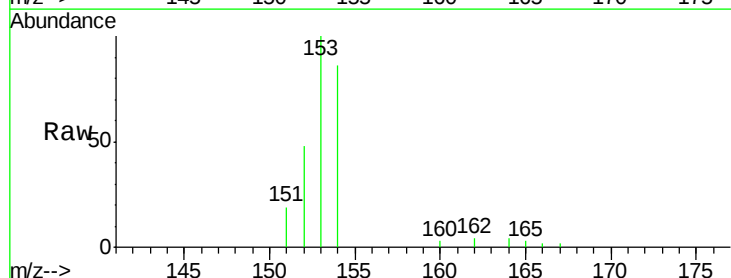
Tgt Ion:153 Resp: 4384

Ion Ratio Lower Upper

153 100

152 48.4 36.0 54.0

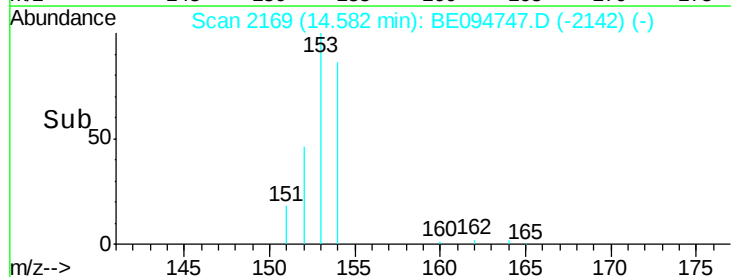
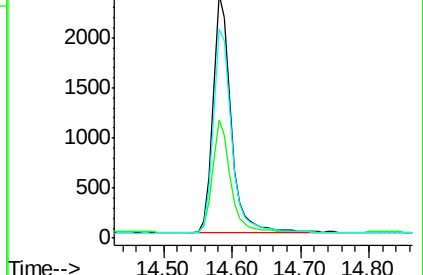
154 86.1 72.0 108.0

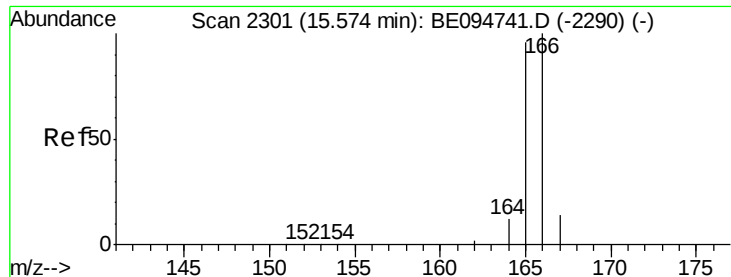


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.36 ng/ul

RT: 15.58 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BE094747.D

Acq: 6 Nov 2017 11:11

Instrument :

BNA_E

ClientSampleId :

SSTD0.477

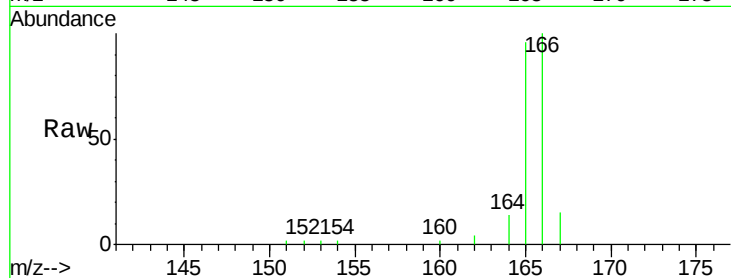
Tot Ion:166 Resp: 4875

Ion Ratio Lower Upper

166 100

165 96.1 73.4 110.2

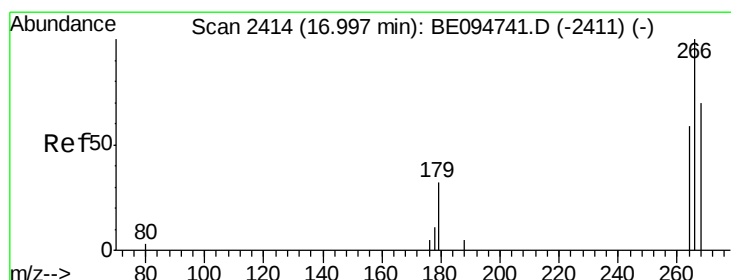
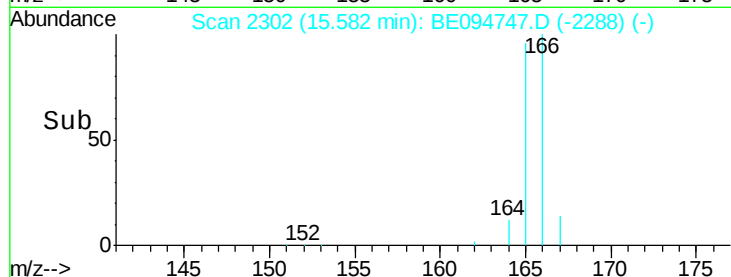
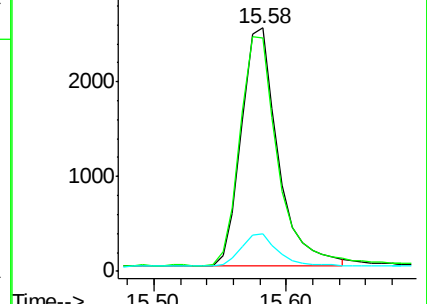
167 15.3 14.6 22.0



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: 0.34 ng/ul

RT: 17.01 min Scan# 2415

Delta R.T. 0.02 min

Lab File: BE094747.D

Acq: 6 Nov 2017 11:11

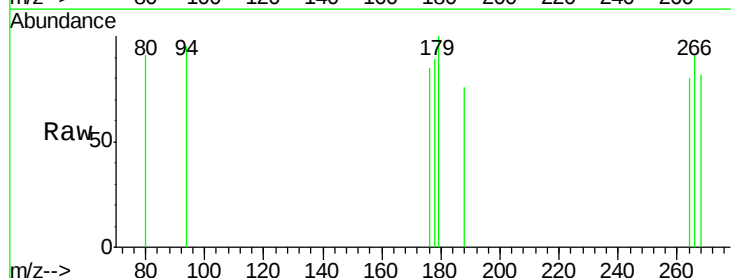
Tgt Ion:266 Resp: 138

Ion Ratio Lower Upper

266 100

264 65.2 47.9 71.9

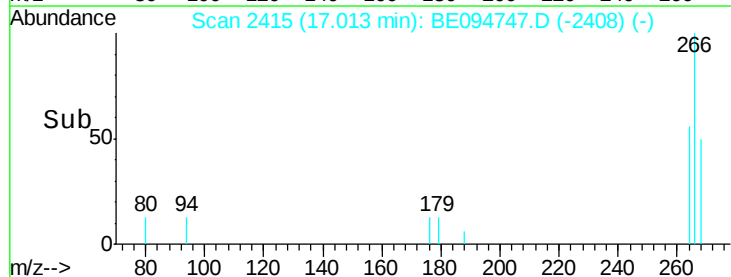
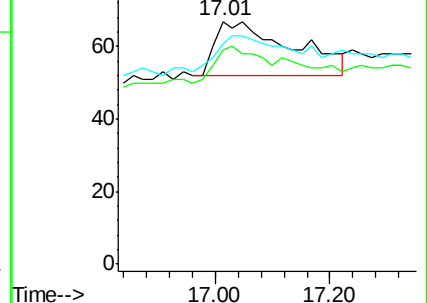
268 77.5 49.8 74.8#

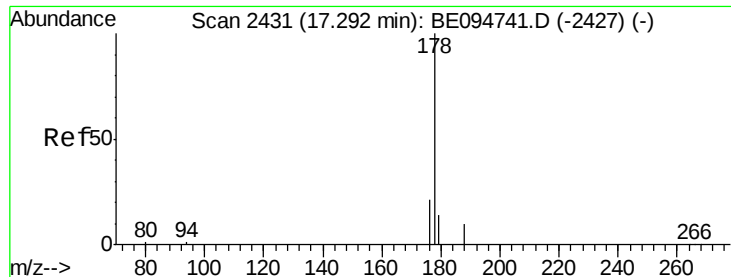


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.36 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. 0.02 min

Lab File: BE094747.D

Acq: 6 Nov 2017 11:11

Instrument :

BNA_E

ClientSampleId :

SSTD0.477

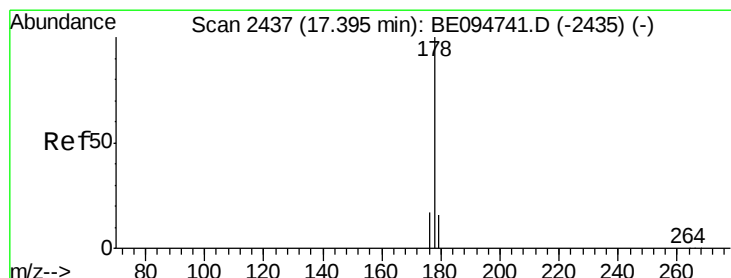
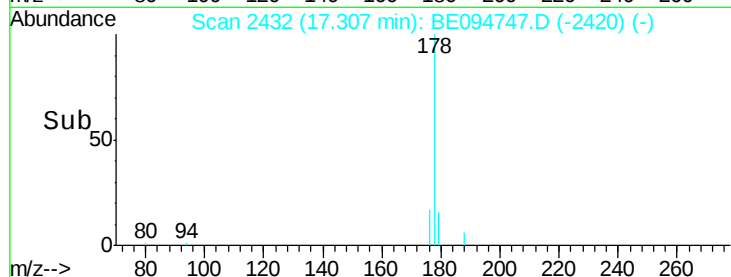
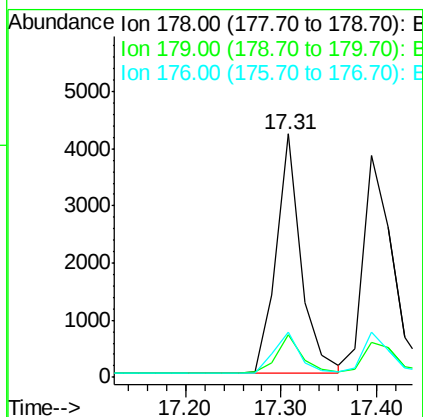
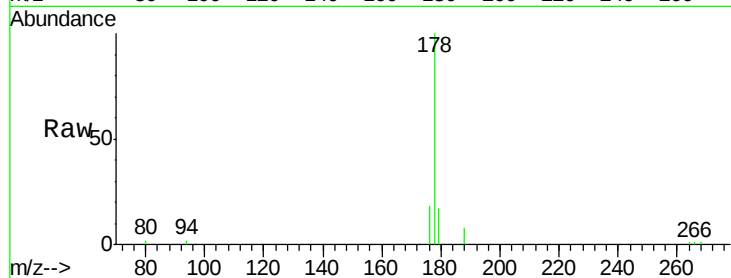
Tot Ion:178 Resp: 7560

Ion Ratio Lower Upper

178 100

179 17.3 18.4 27.6#

176 18.3 13.6 20.4



#13

Anthracene

Concen: 0.39 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BE094747.D

Acq: 6 Nov 2017 11:11

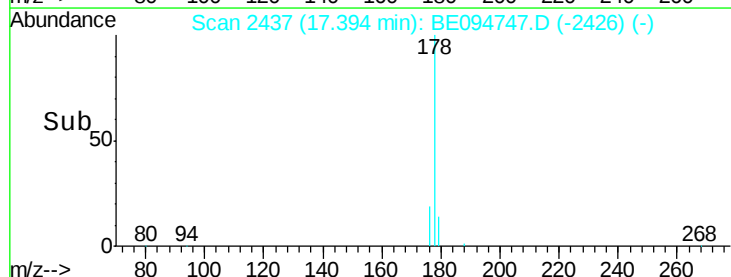
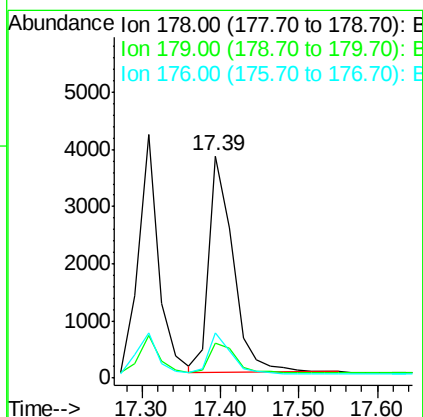
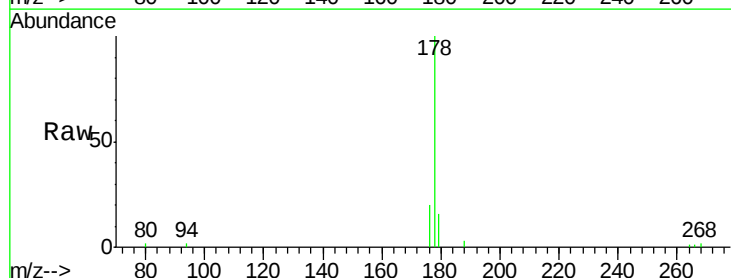
Tgt Ion:178 Resp: 8124

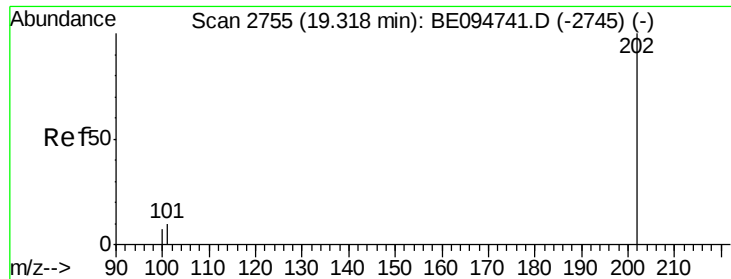
Ion Ratio Lower Upper

178 100

179 15.9 18.1 27.1#

176 20.4 14.7 22.1

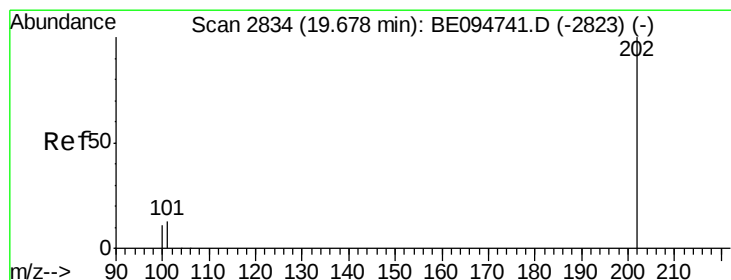
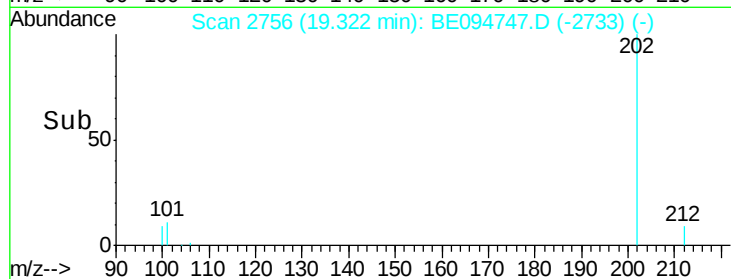
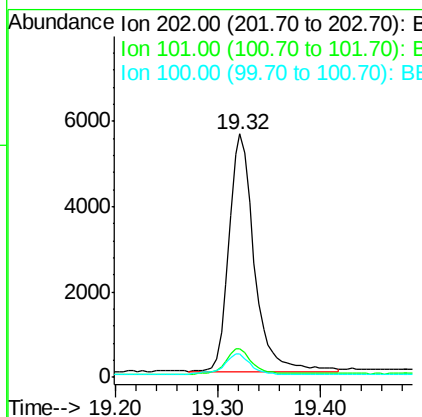
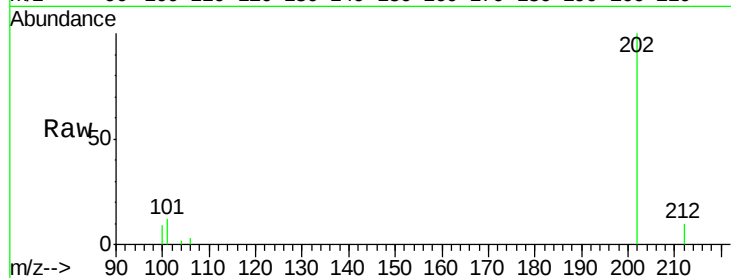




#15
Fluoranthene
 Concen: 0.39 ng/ul
 RT: 19.32 min Scan# 2756
 Delta R.T. 0.00 min
 Lab File: BE094747.D
 Acq: 6 Nov 2017 11:11

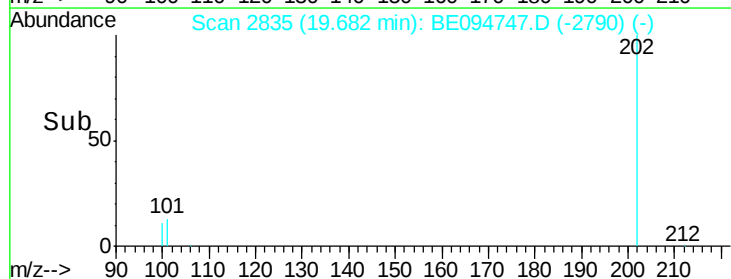
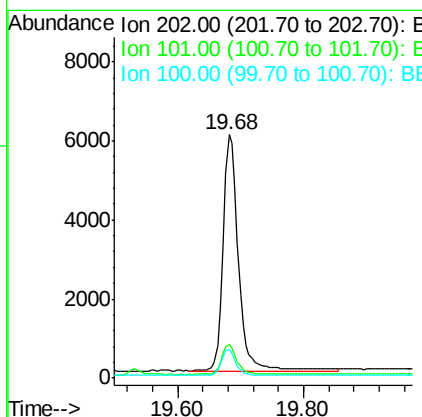
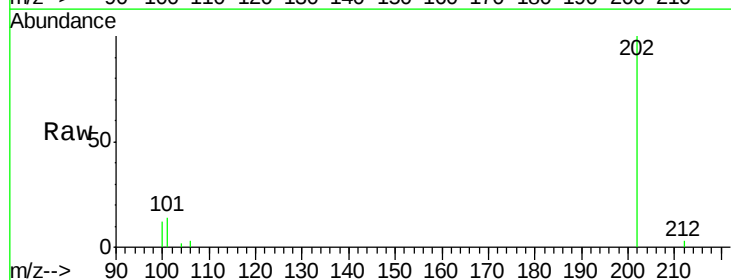
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 SST0.477

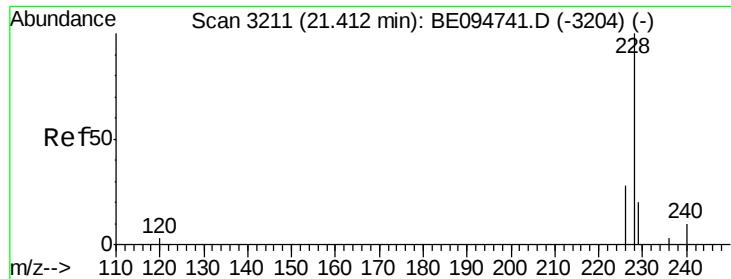
Tot Ion:202 Resp: 9469
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 30.3
 100 9.4 0.0 39.5



#17
Pyrene
 Concen: 0.40 ng/ul
 RT: 19.68 min Scan# 2835
 Delta R.T. 0.00 min
 Lab File: BE094747.D
 Acq: 6 Nov 2017 11:11

Tgt Ion:202 Resp: 10140
 Ion Ratio Lower Upper
 202 100
 101 13.8 18.2 27.4#
 100 11.6 15.6 23.4#

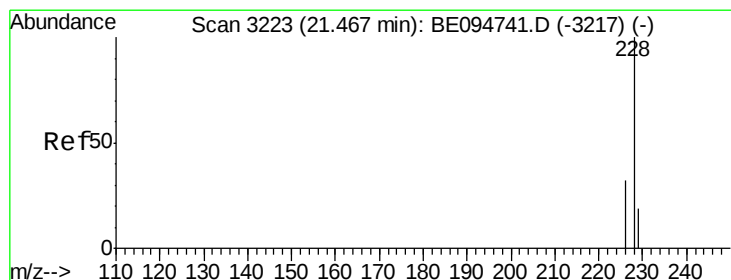
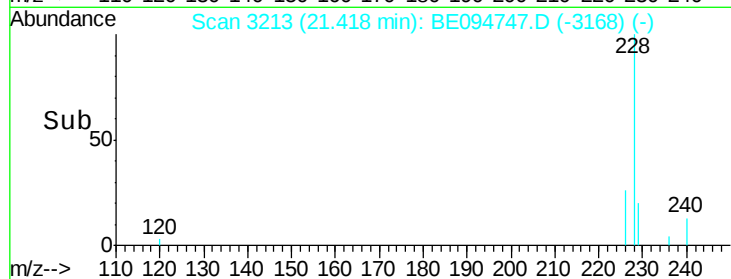
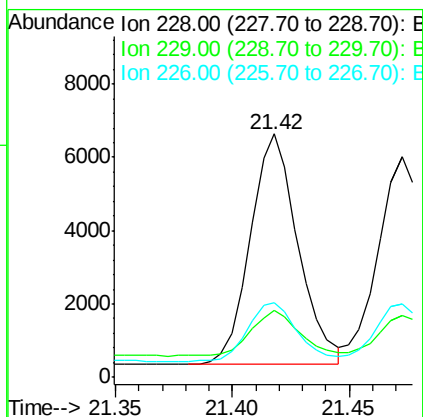
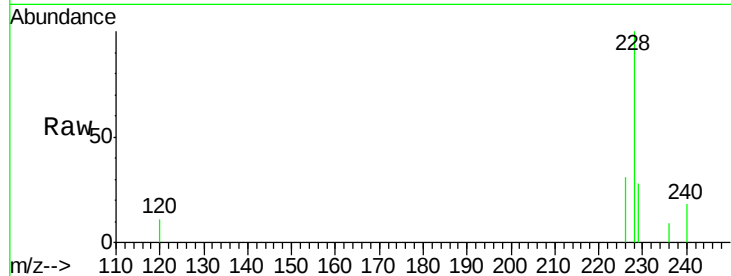




#18
Benzo(a)anthracene
Concen: 0.38 ng/ul
RT: 21.42 min Scan# 3213
Delta R.T. 0.01 min
Lab File: BE094747.D
Acq: 6 Nov 2017 11:11

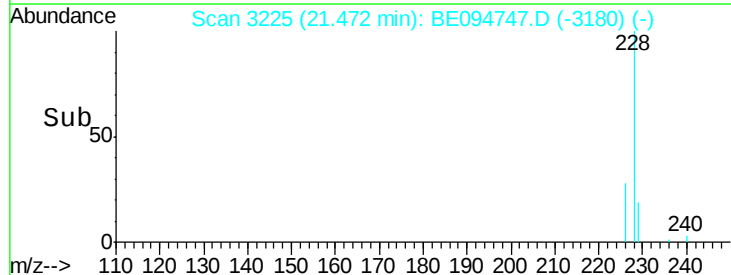
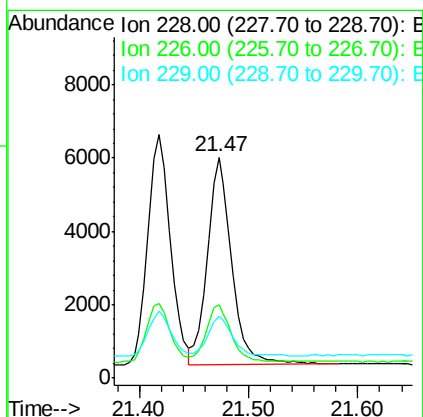
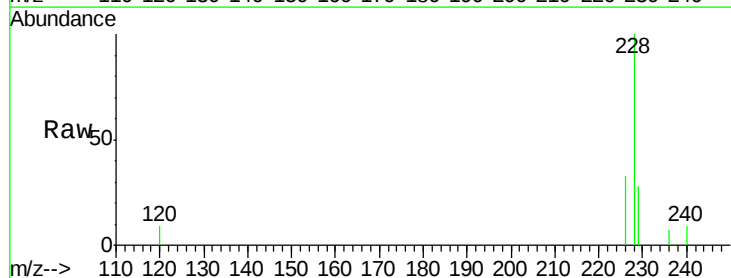
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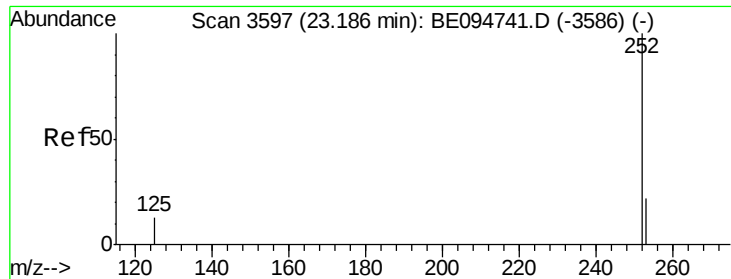
Tot Ion:228 Resp: 8944
Ion Ratio Lower Upper
228 100
229 27.5 22.8 34.2
226 30.9 17.0 25.6#



#19
Chrysene
Concen: 0.36 ng/ul
RT: 21.47 min Scan# 3225
Delta R.T. 0.01 min
Lab File: BE094747.D
Acq: 6 Nov 2017 11:11

Tgt Ion:228 Resp: 8814
Ion Ratio Lower Upper
228 100
226 33.2 23.4 35.0
229 28.0 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.38 ng/ul

RT: 23.19 min Scan# 3599

Delta R.T. 0.00 min

Lab File: BE094747.D

Acq: 6 Nov 2017 11:11

Instrument :

BNA_E

ClientSampleId :

SSTD0.477

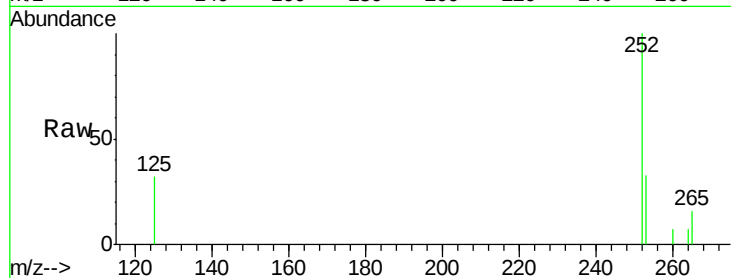
Tot Ion:252 Resp: 8313

Ion Ratio Lower Upper

252 100

253 33.3 0.0 64.2

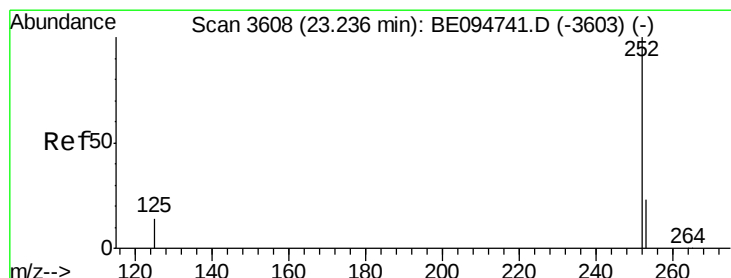
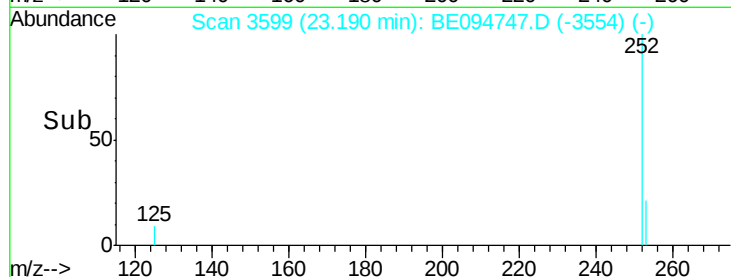
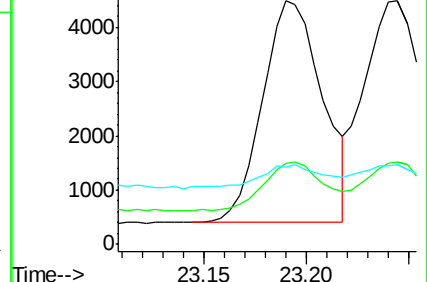
125 31.8 0.0 35.0



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: 0.38 ng/ul

RT: 23.24 min Scan# 3611

Delta R.T. 0.01 min

Lab File: BE094747.D

Acq: 6 Nov 2017 11:11

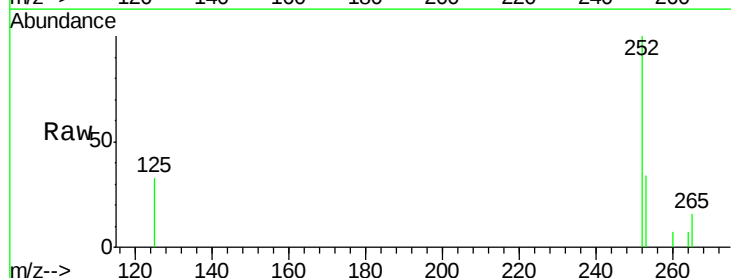
Tgt Ion:252 Resp: 8912

Ion Ratio Lower Upper

252 100

253 33.8 24.5 36.7

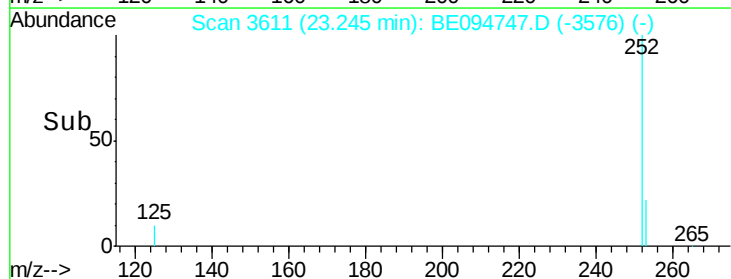
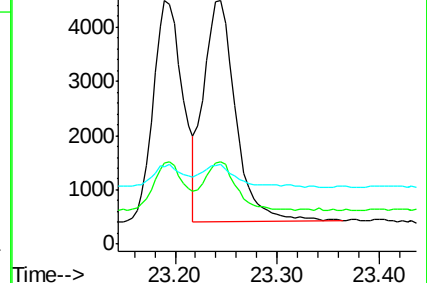
125 32.6 13.7 20.5#

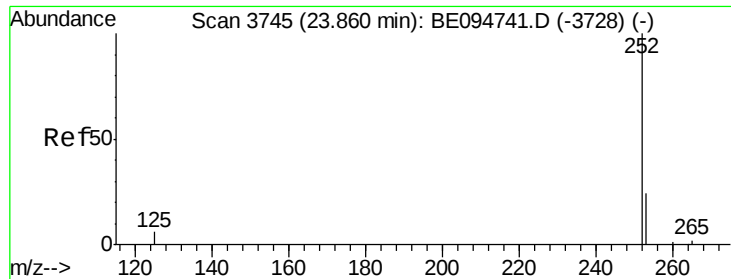


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.38 ng/ul

RT: 23.86 min Scan# 3747

Delta R.T. 0.00 min

Lab File: BE094747.D

Acq: 6 Nov 2017 11:11

Instrument :

BNA_E

ClientSampleId :

SSTD0.477

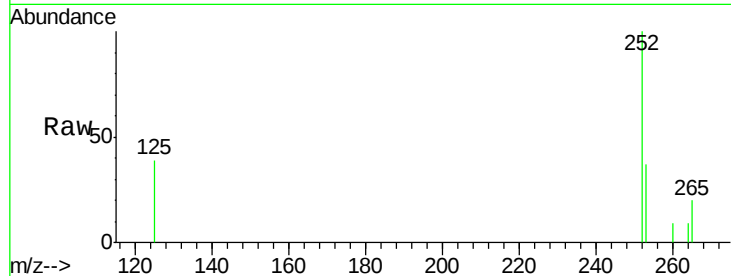
Tot Ion:252 Resp: 8308

Ion Ratio Lower Upper

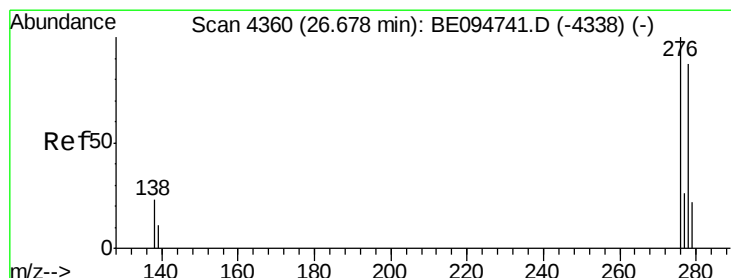
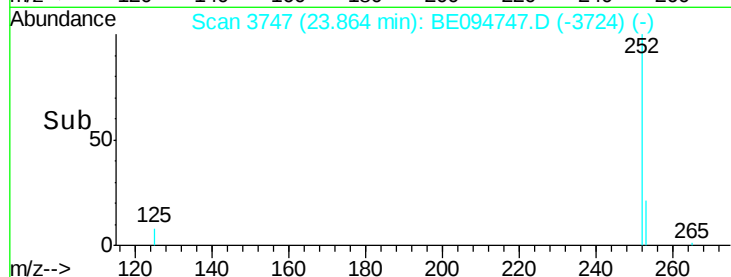
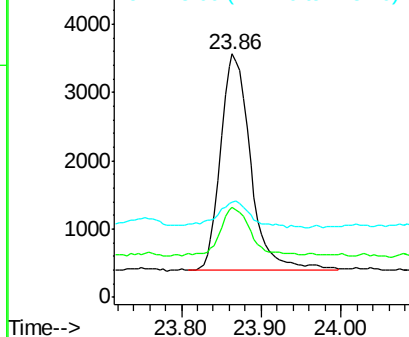
252 100

253 37.1 28.5 42.7

125 39.0 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: 0.34 ng/ul

RT: 26.70 min Scan# 4365

Delta R.T. 0.02 min

Lab File: BE094747.D

Acq: 6 Nov 2017 11:11

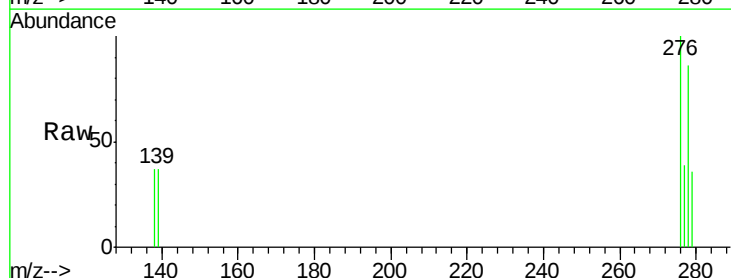
Tgt Ion:276 Resp: 7699

Ion Ratio Lower Upper

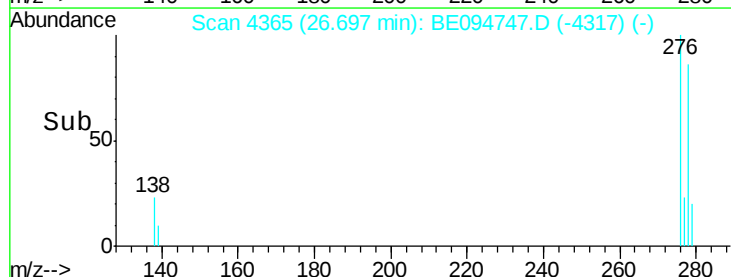
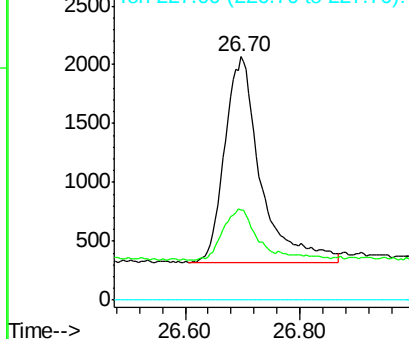
276 100

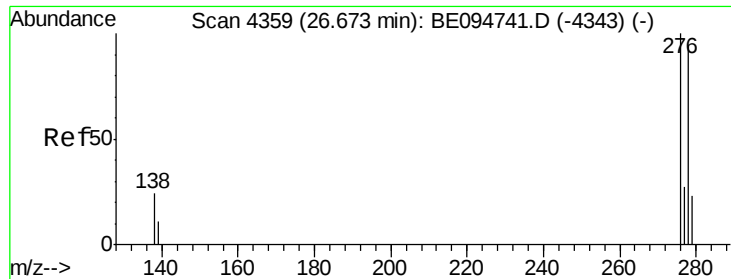
138 25.2 28.0 42.0#

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

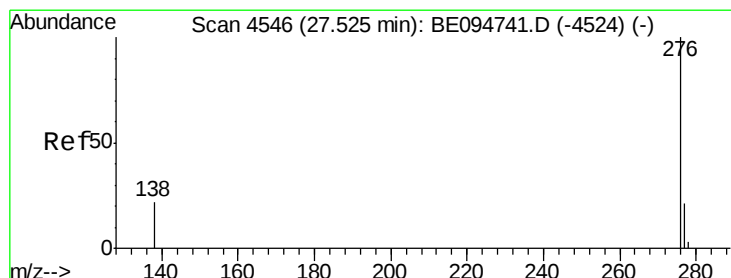
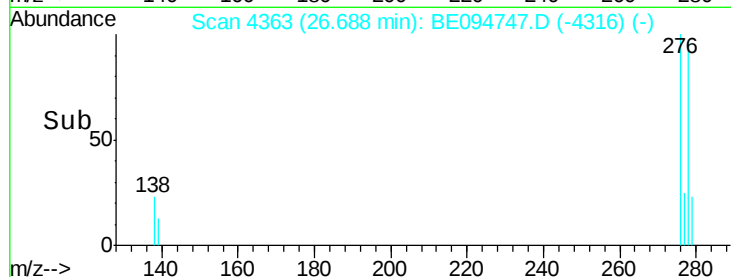
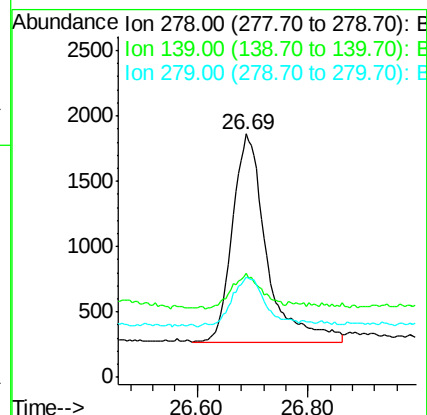
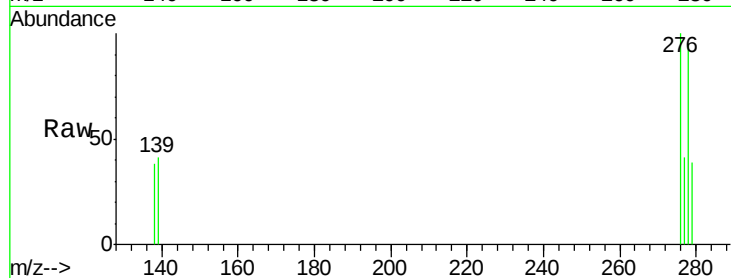




#25
Dibenzo(a,h)anthracene
Concen: 0.36 ng/ul
RT: 26.69 min Scan# 4363
Delta R.T. 0.02 min
Lab File: BE094747.D
Acq: 6 Nov 2017 11:11

Instrument :
BNA_E
ClientSampleId :
SSTD0.477

Tot Ion:278 Resp: 6877
Ion Ratio Lower Upper
278 100
139 42.8 17.4 26.0#
279 41.3 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.31 ng/ul
RT: 27.54 min Scan# 4550
Delta R.T. 0.02 min
Lab File: BE094747.D
Acq: 6 Nov 2017 11:11

Tgt Ion:276 Resp: 5708
Ion Ratio Lower Upper
276 100
138 40.7 21.8 32.8#
277 45.3 20.5 30.7#

