

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081117\
 Data File : BE093771.D
 Acq On : 11 Aug 2017 14:09
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.401

Quant Time: Aug 12 01:50:59 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 18:19:02 2017
 Response via : Initial Calibration

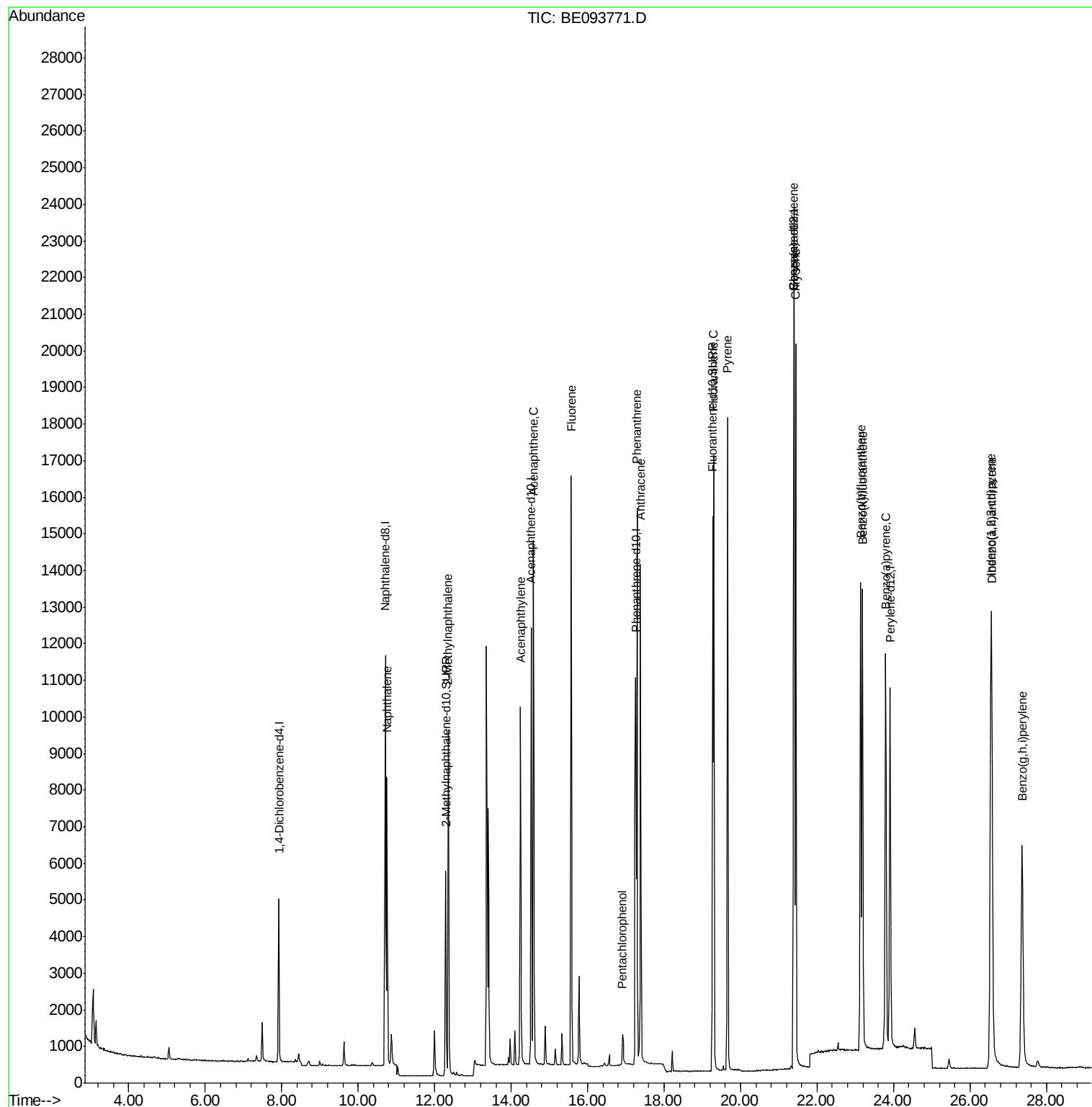
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2360	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	12226	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7038	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15845	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16486	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	15118	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	7874	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	17440	0.35	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	12110	0.407	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	8556	0.394	ng/ul	98
7) Acenaphthylene	14.24	152	11971	0.407	ng/ul	96
8) Acenaphthene	14.58	153	9182	0.396	ng/ul	97
9) Fluorene	15.57	166	10514	0.359	ng/ul#	92
11) Pentachlorophenol	16.91	266	871	0.333	ng/ul	98
12) Phenanthrene	17.29	178	16937	0.392	ng/ul#	91
13) Anthracene	17.38	178	16026	0.381	ng/ul#	90
15) Fluoranthene	19.30	202	18730	0.347	ng/ul	84
17) Pyrene	19.66	202	19299	0.401	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	18488	0.387	ng/ul#	86
19) Chrysene	21.44	228	18363	0.401	ng/ul	97
21) Benzo(b)fluoranthene	23.14	252	18630	0.398	ng/ul	86
22) Benzo(k)fluoranthene	23.19	252	17412	0.378	ng/ul#	88
23) Benzo(a)pyrene	23.80	252	17694	0.398	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.55	276	19021	0.387	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.57	278	15855	0.386	ng/ul#	91
26) Benzo(g,h,i)perylene	27.37	276	15474	0.374	ng/ul	96

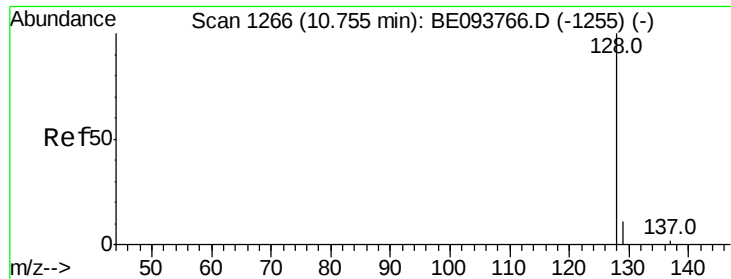
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
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Quant Time: Aug 12 01:50:59 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
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#3

Naphthalene

Concen: 0.407 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093771.D

Acq: 11 Aug 2017 14:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.401

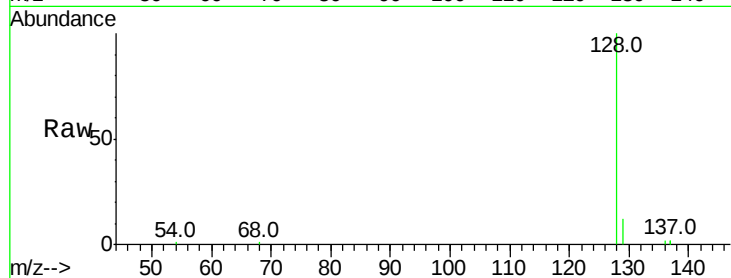
Tot Ion:128 Resp: 12110

Ion Ratio Lower Upper

128 100

129 11.8 11.3 16.9

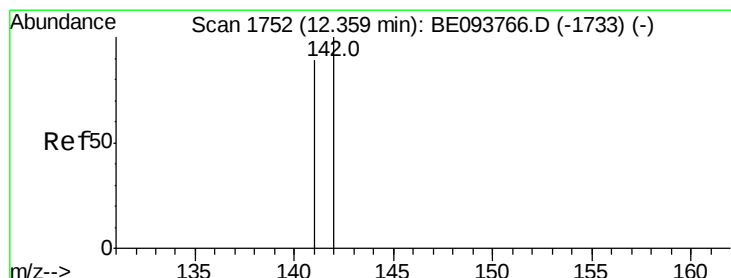
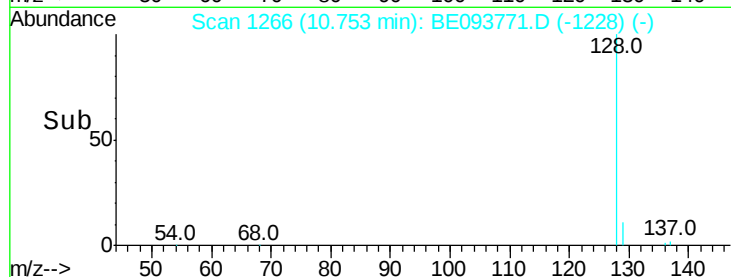
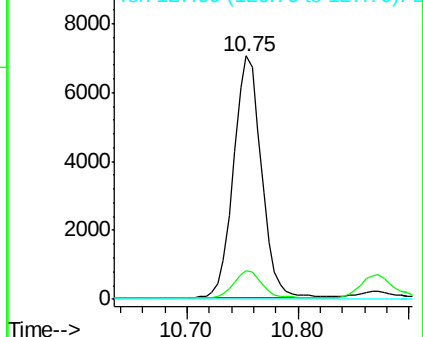
127 0.0 4.0 6.0#



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: 0.394 ng/ul

RT: 12.36 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BE093771.D

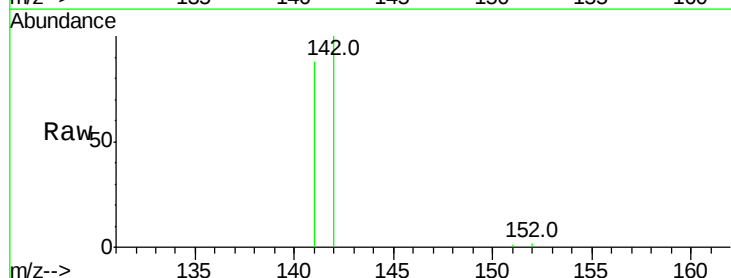
Acq: 11 Aug 2017 14:09

Tgt Ion:142 Resp: 8556

Ion Ratio Lower Upper

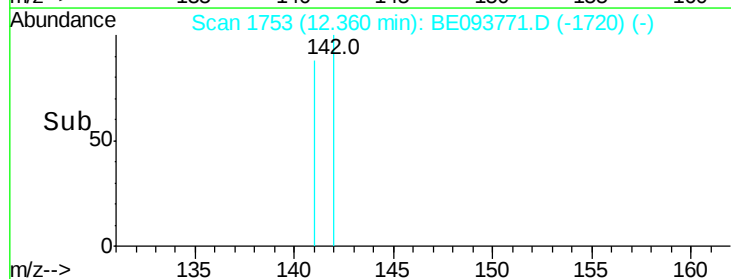
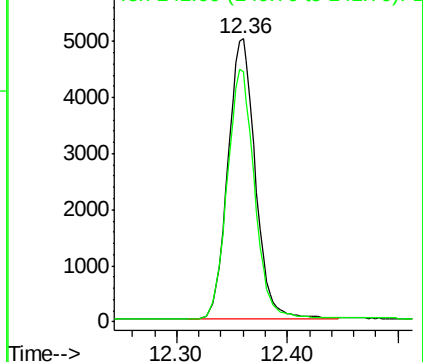
142 100

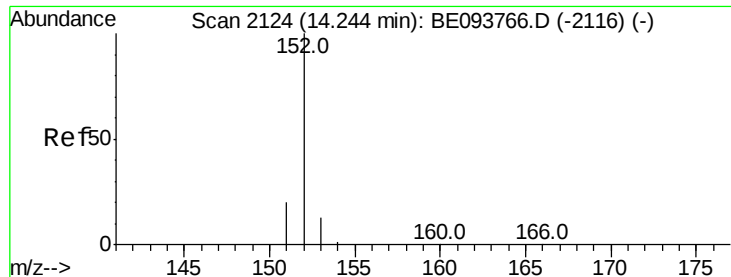
141 88.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.407 ng/ul

RT: 14.24 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE093771.D

Acq: 11 Aug 2017 14:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.401

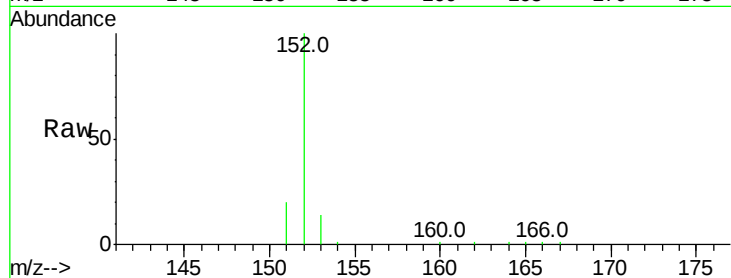
Tot Ion:152 Resp: 11971

Ion Ratio Lower Upper

152 100

151 20.0 17.1 25.7

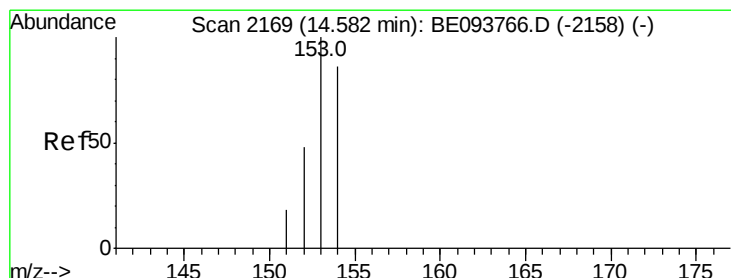
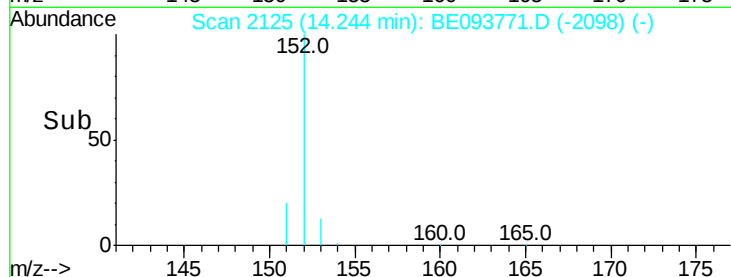
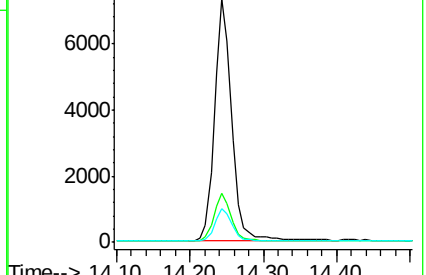
153 13.7 12.8 19.2



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: 0.396 ng/ul

RT: 14.58 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BE093771.D

Acq: 11 Aug 2017 14:09

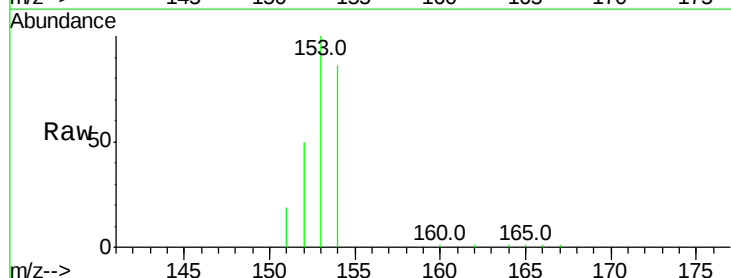
Tgt Ion:153 Resp: 9182

Ion Ratio Lower Upper

153 100

152 49.7 40.3 60.5

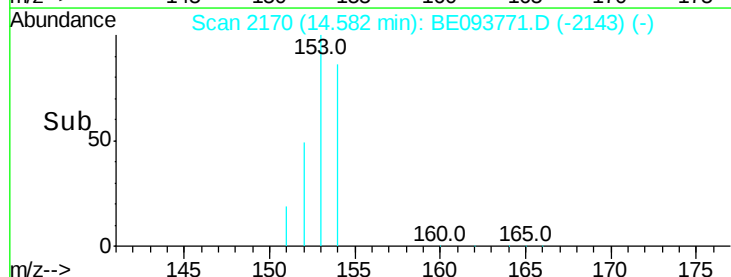
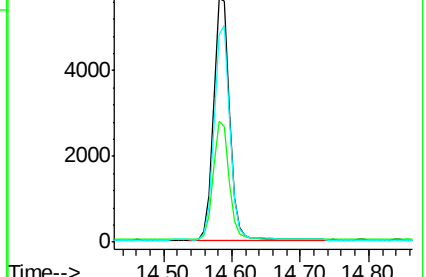
154 85.6 71.4 107.2

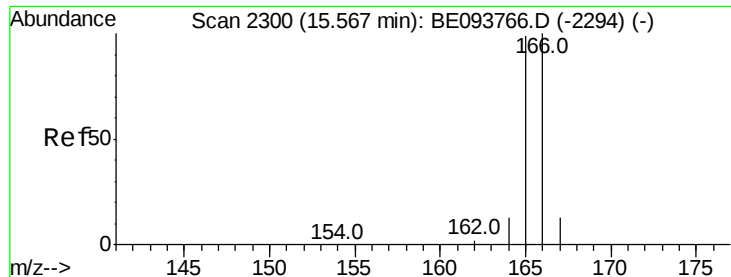


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

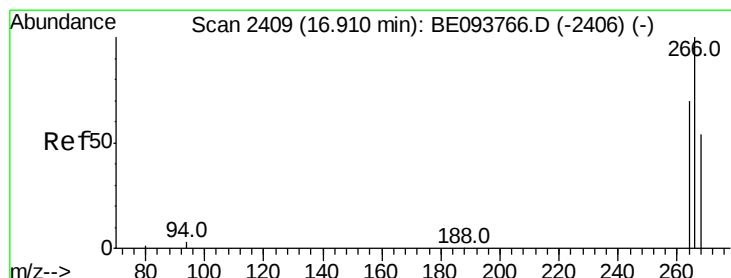
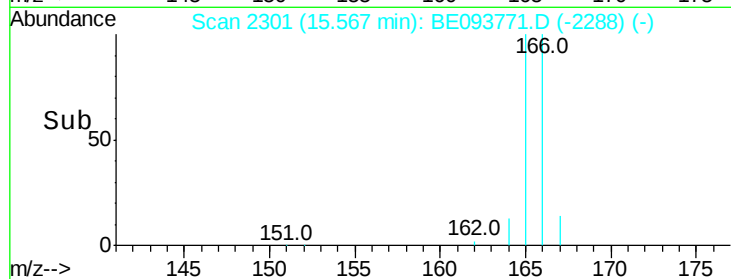
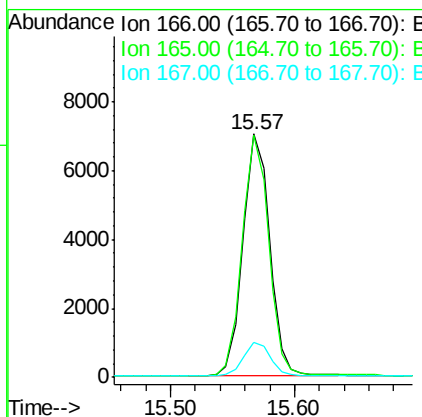
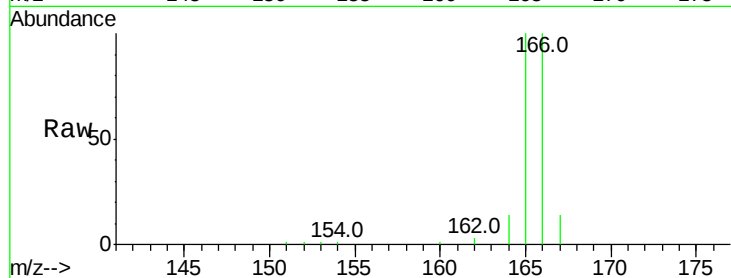




#9
Fluorene
 Concen: 0.359 ng/ul
 RT: 15.57 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: BE093771.D
 Acq: 11 Aug 2017 14:09

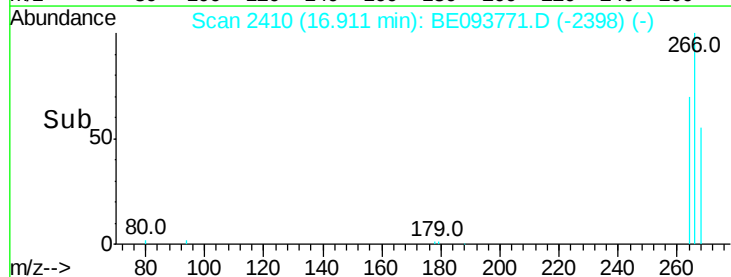
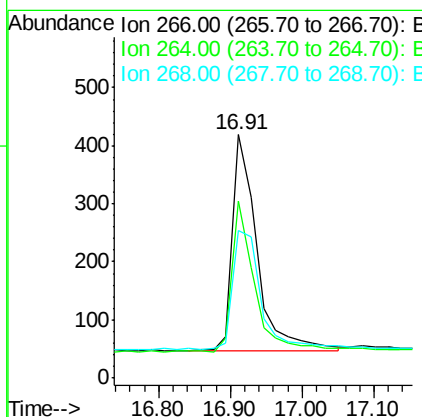
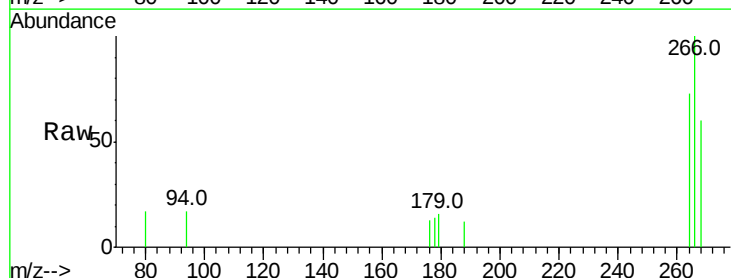
Instrument :
 BNA_E
 ClientSampleId :
 SST00.401

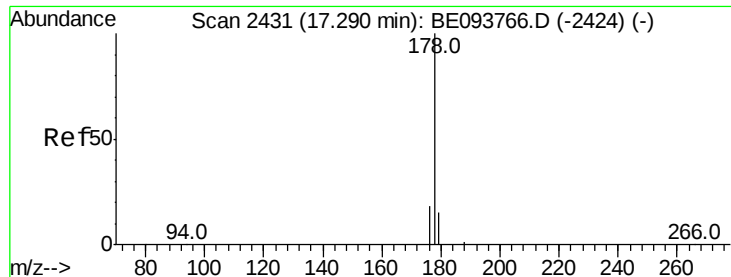
Tot Ion:166 Resp: 10514
 Ion Ratio Lower Upper
 166 100
 165 99.6 73.4 110.2
 167 14.3 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.333 ng/ul
 RT: 16.91 min Scan# 2410
 Delta R.T. 0.00 min
 Lab File: BE093771.D
 Acq: 11 Aug 2017 14:09

Tgt Ion:266 Resp: 871
 Ion Ratio Lower Upper
 266 100
 264 62.6 47.9 71.9
 268 62.9 49.8 74.8





#12

Phenanthrene

Concen: 0.392 ng/ul

RT: 17.29 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE093771.D

Acq: 11 Aug 2017 14:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.401

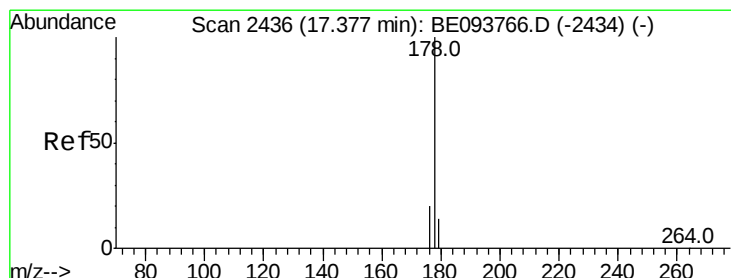
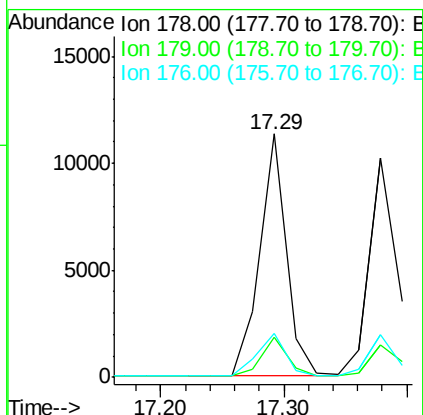
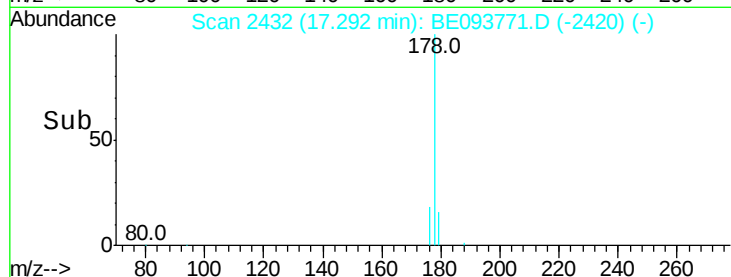
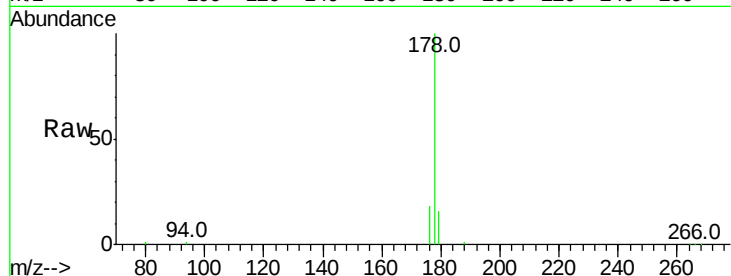
Tot Ion:178 Resp: 16937

Ion Ratio Lower Upper

178 100

179 16.2 18.4 27.6#

176 18.0 13.6 20.4



#13

Anthracene

Concen: 0.381 ng/ul

RT: 17.38 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE093771.D

Acq: 11 Aug 2017 14:09

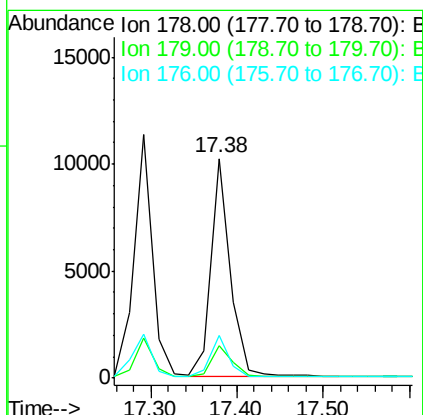
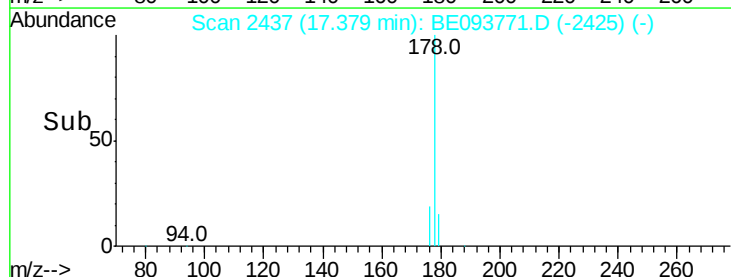
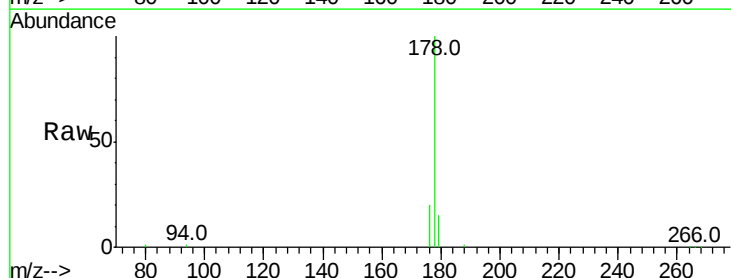
Tgt Ion:178 Resp: 16026

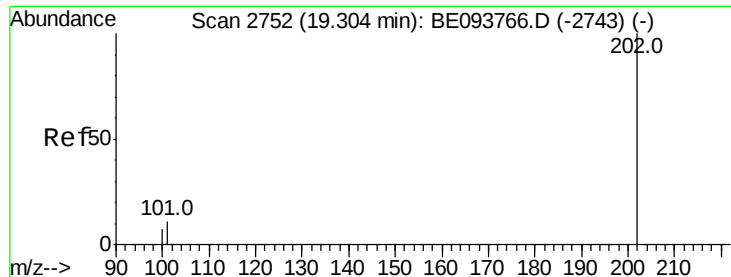
Ion Ratio Lower Upper

178 100

179 15.1 18.1 27.1#

176 19.6 14.7 22.1





#15

Fluoranthene

Concen: 0.347 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BE093771.D

Acq: 11 Aug 2017 14:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.401

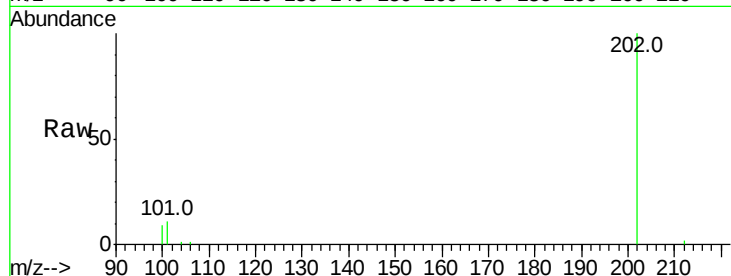
Tot Ion:202 Resp: 18730

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.3

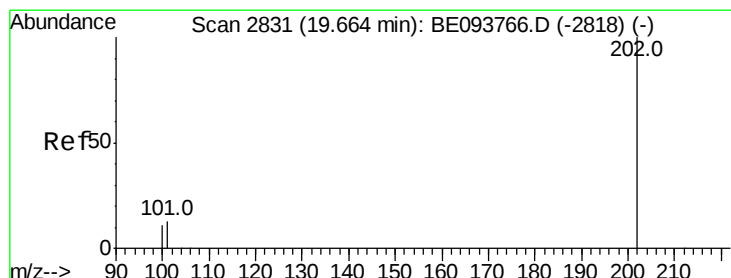
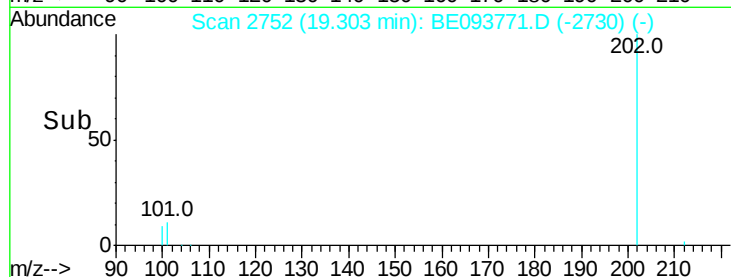
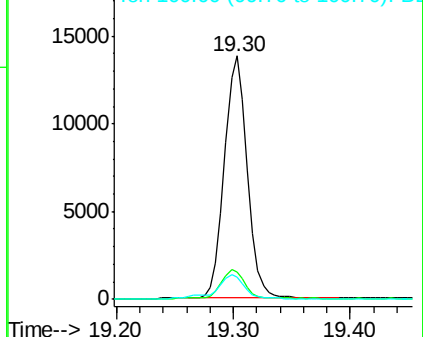
100 9.1 0.0 39.5



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: 0.401 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BE093771.D

Acq: 11 Aug 2017 14:09

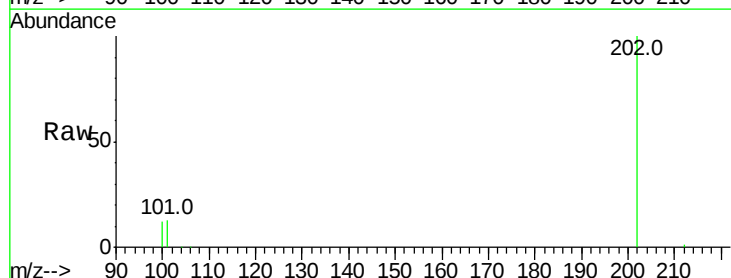
Tgt Ion:202 Resp: 19299

Ion Ratio Lower Upper

202 100

101 13.4 18.2 27.4#

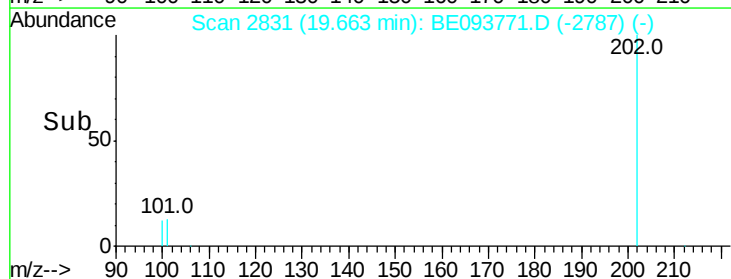
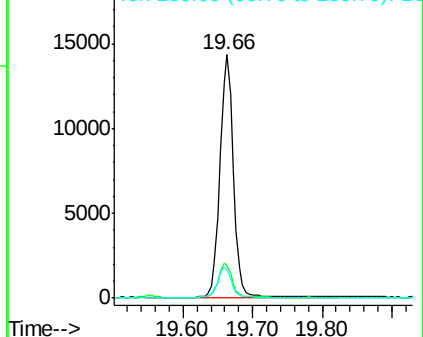
100 11.8 15.6 23.4#

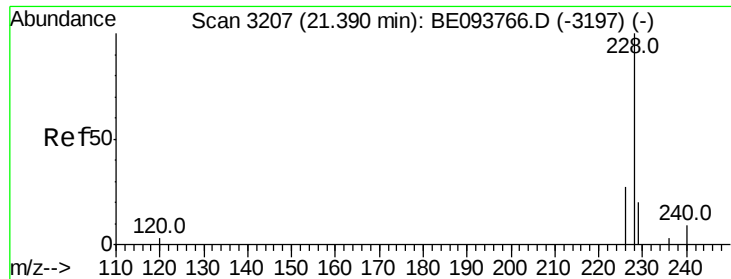


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.387 ng/ul

RT: 21.39 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BE093771.D

Acq: 11 Aug 2017 14:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.401

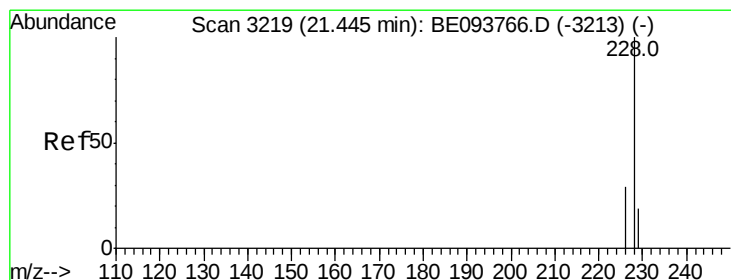
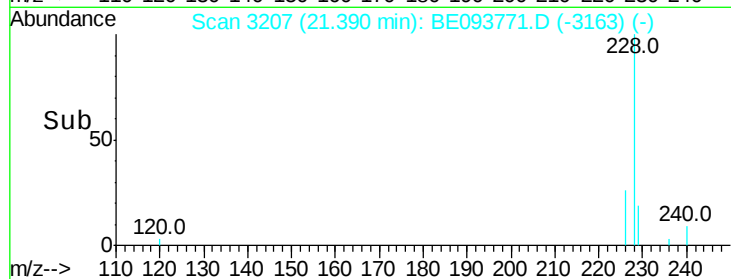
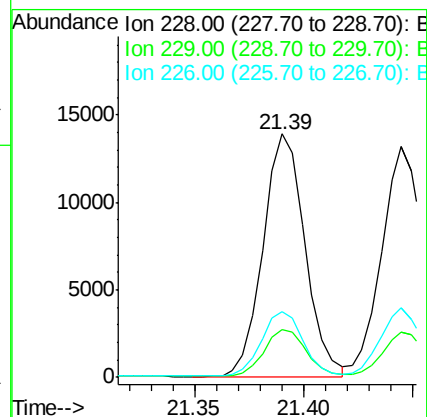
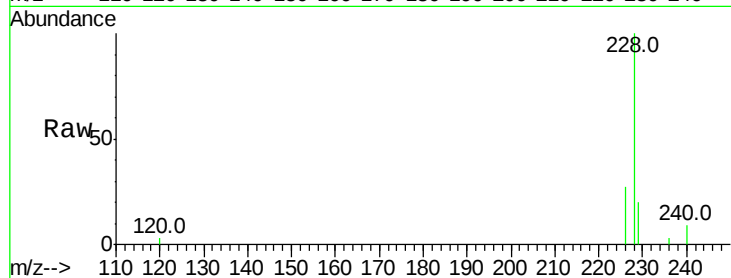
Tot Ion:228 Resp: 18488

Ion Ratio Lower Upper

228 100

229 19.8 22.8 34.2#

226 26.8 17.0 25.6#



#19

Chrysene

Concen: 0.401 ng/ul

RT: 21.44 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE093771.D

Acq: 11 Aug 2017 14:09

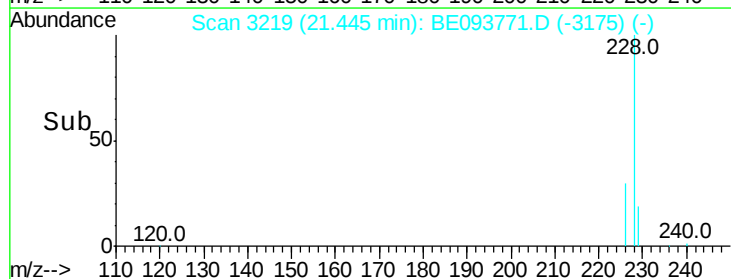
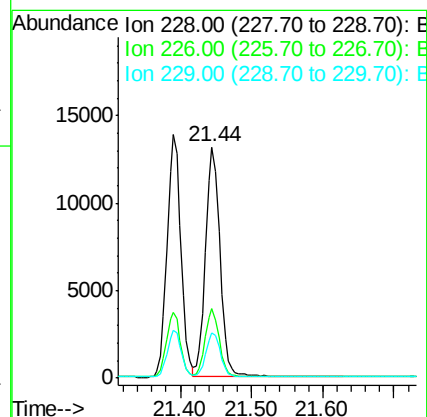
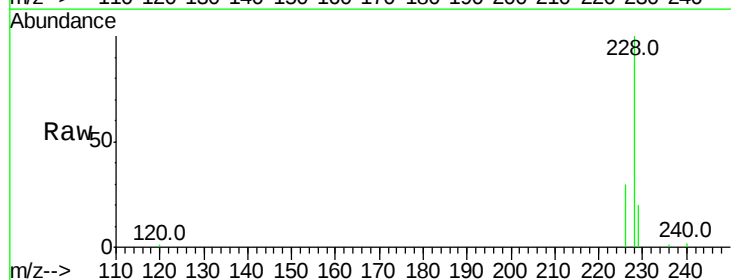
Tgt Ion:228 Resp: 18363

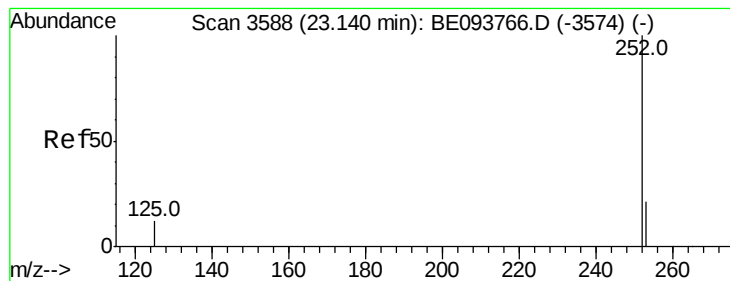
Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.0

229 19.8 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.398 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.00 min

Lab File: BE093771.D

Acq: 11 Aug 2017 14:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.401

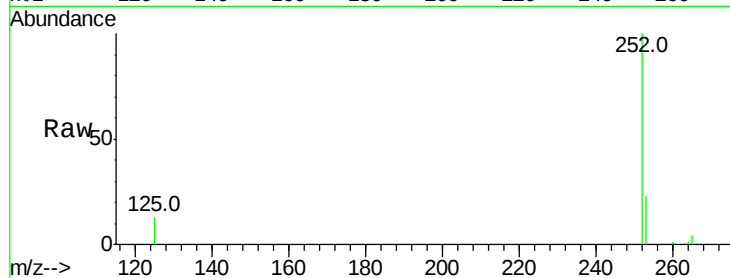
Tot Ion:252 Resp: 18630

Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

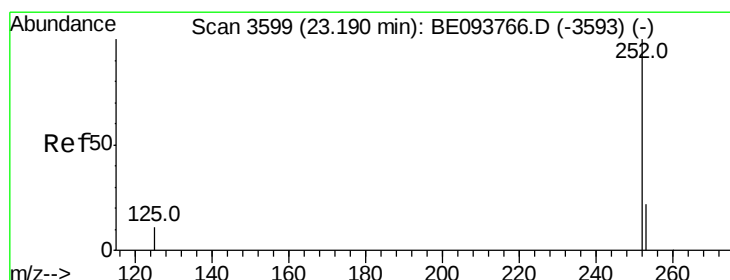
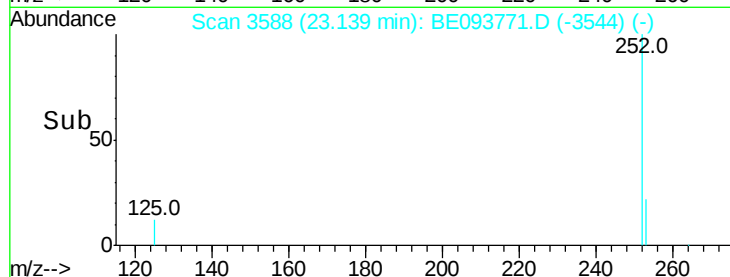
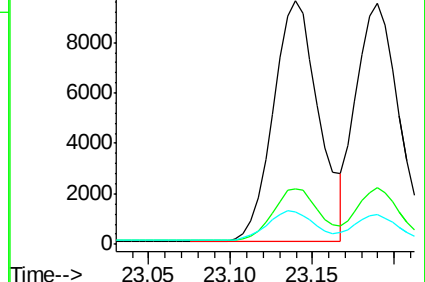
125 13.5 0.0 35.0



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: 0.378 ng/ul

RT: 23.19 min Scan# 3599

Delta R.T. -0.00 min

Lab File: BE093771.D

Acq: 11 Aug 2017 14:09

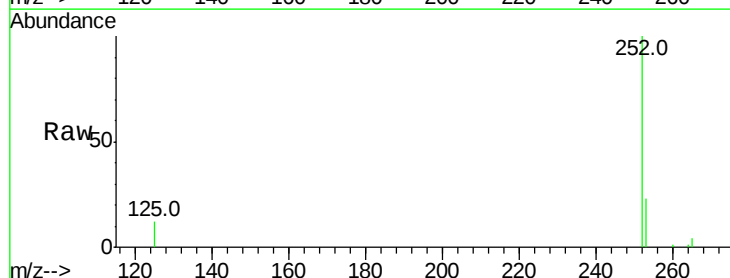
Tgt Ion:252 Resp: 17412

Ion Ratio Lower Upper

252 100

253 23.3 24.5 36.7#

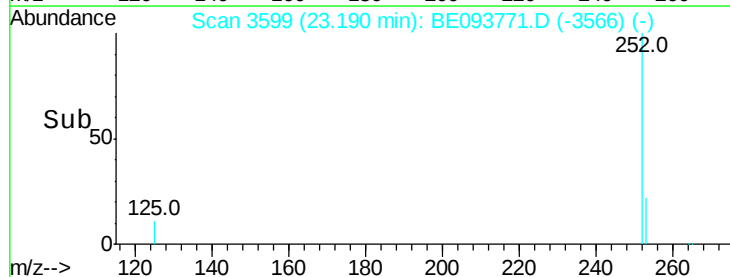
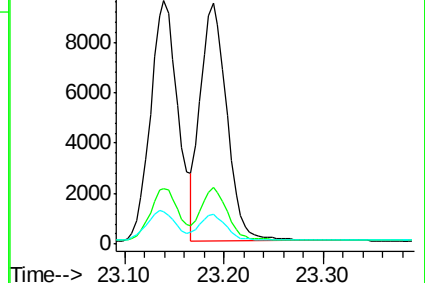
125 12.3 13.7 20.5#

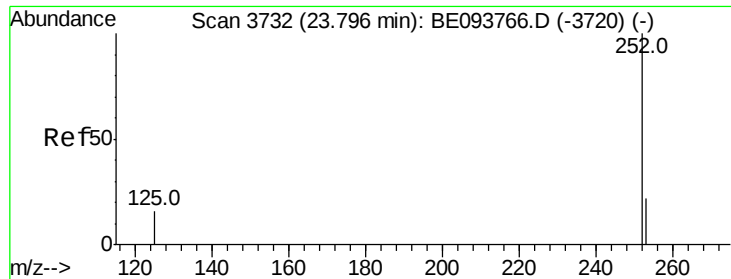


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.398 ng/ul

RT: 23.80 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BE093771.D

Acq: 11 Aug 2017 14:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.401

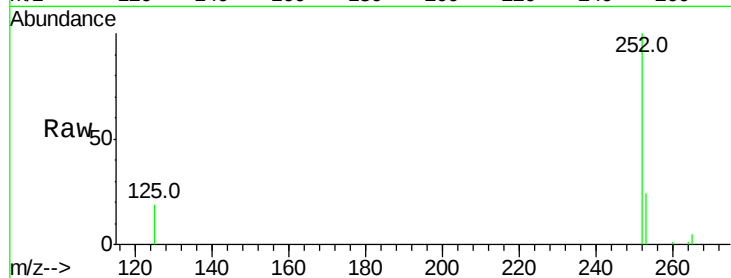
Tot Ion:252 Resp: 17694

Ion Ratio Lower Upper

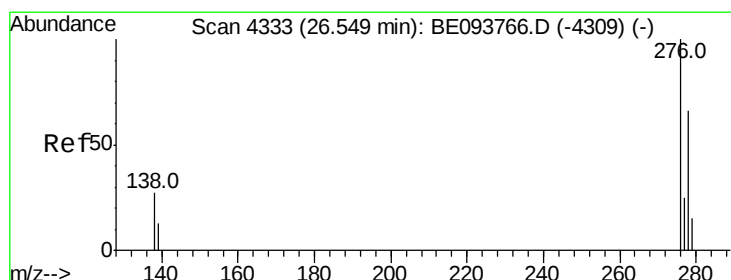
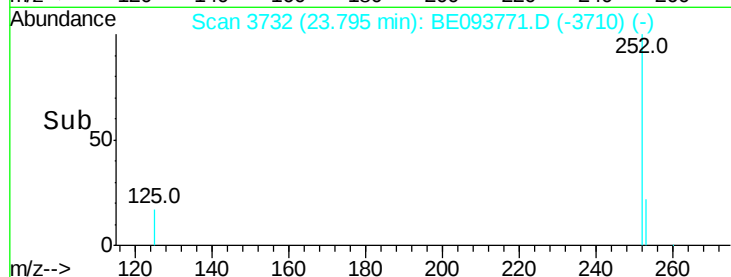
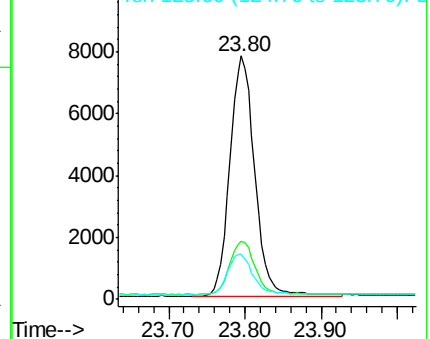
252 100

253 23.9 28.5 42.7#

125 18.6 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: 0.387 ng/ul

RT: 26.55 min Scan# 4332

Delta R.T. -0.00 min

Lab File: BE093771.D

Acq: 11 Aug 2017 14:09

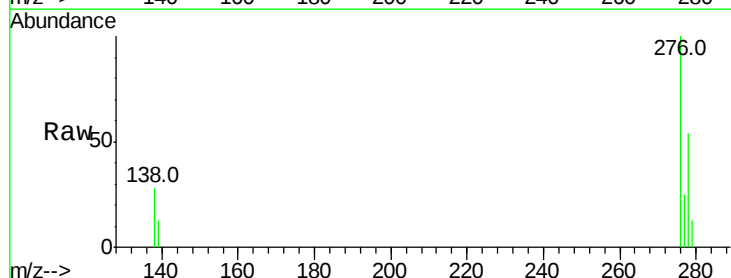
Tgt Ion:276 Resp: 19021

Ion Ratio Lower Upper

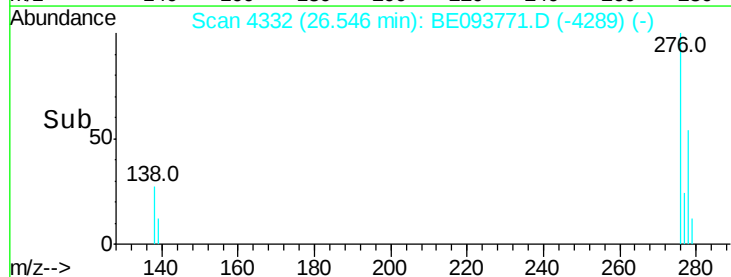
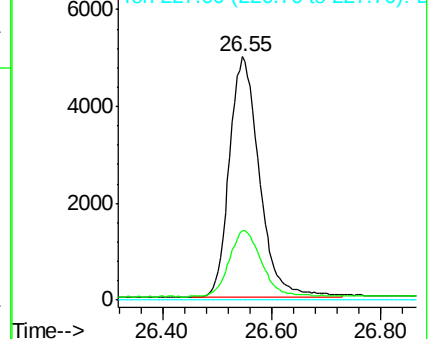
276 100

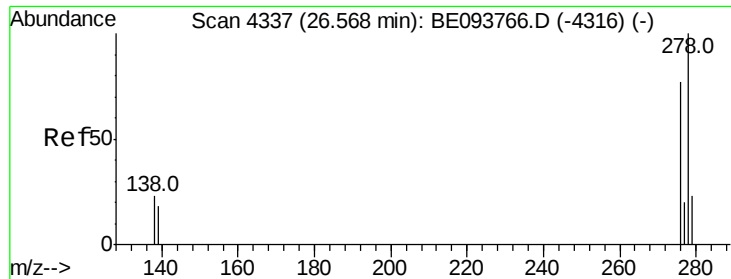
138 29.8 28.0 42.0

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: 0.386 ng/ul

RT: 26.57 min Scan# 4338

Delta R.T. 0.01 min

Lab File: BE093771.D

Acq: 11 Aug 2017 14:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.401

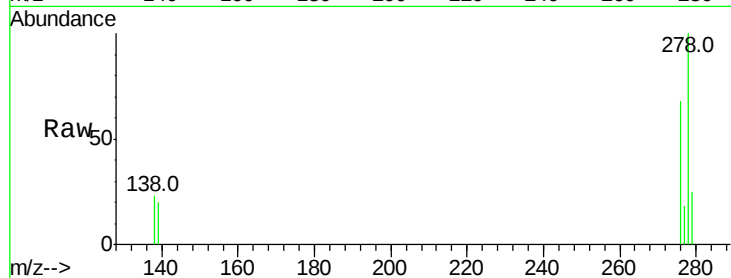
Tot Ion:278 Resp: 15855

Ion Ratio Lower Upper

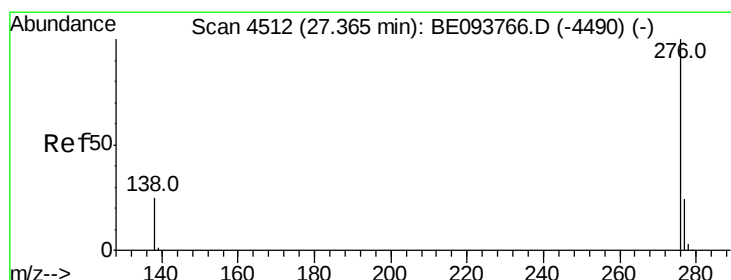
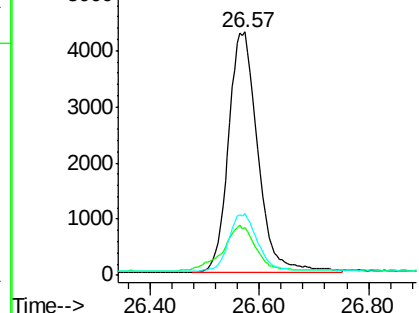
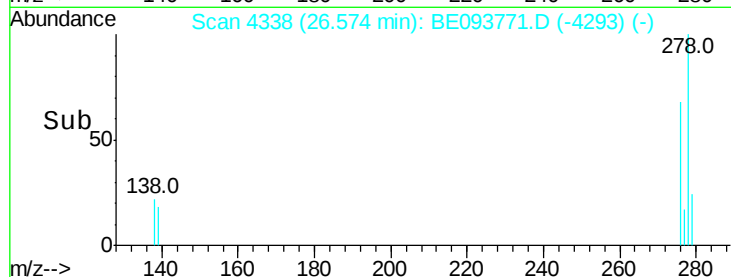
278 100

139 19.7 17.4 26.0

279 25.4 25.9 38.9#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.374 ng/ul

RT: 27.37 min Scan# 4512

Delta R.T. 0.00 min

Lab File: BE093771.D

Acq: 11 Aug 2017 14:09

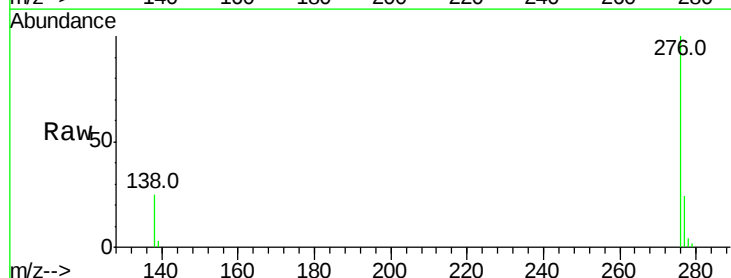
Tgt Ion:276 Resp: 15474

Ion Ratio Lower Upper

276 100

138 24.8 21.8 32.8

277 24.3 20.5 30.7



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

