

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081117\
 Data File : BE093776.D
 Acq On : 11 Aug 2017 18:58
 Operator : SJ/JU
 Sample : I4489-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X2A53

Quant Time: Aug 12 02:02:30 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 12 02:01:53 2017
 Response via : Initial Calibration

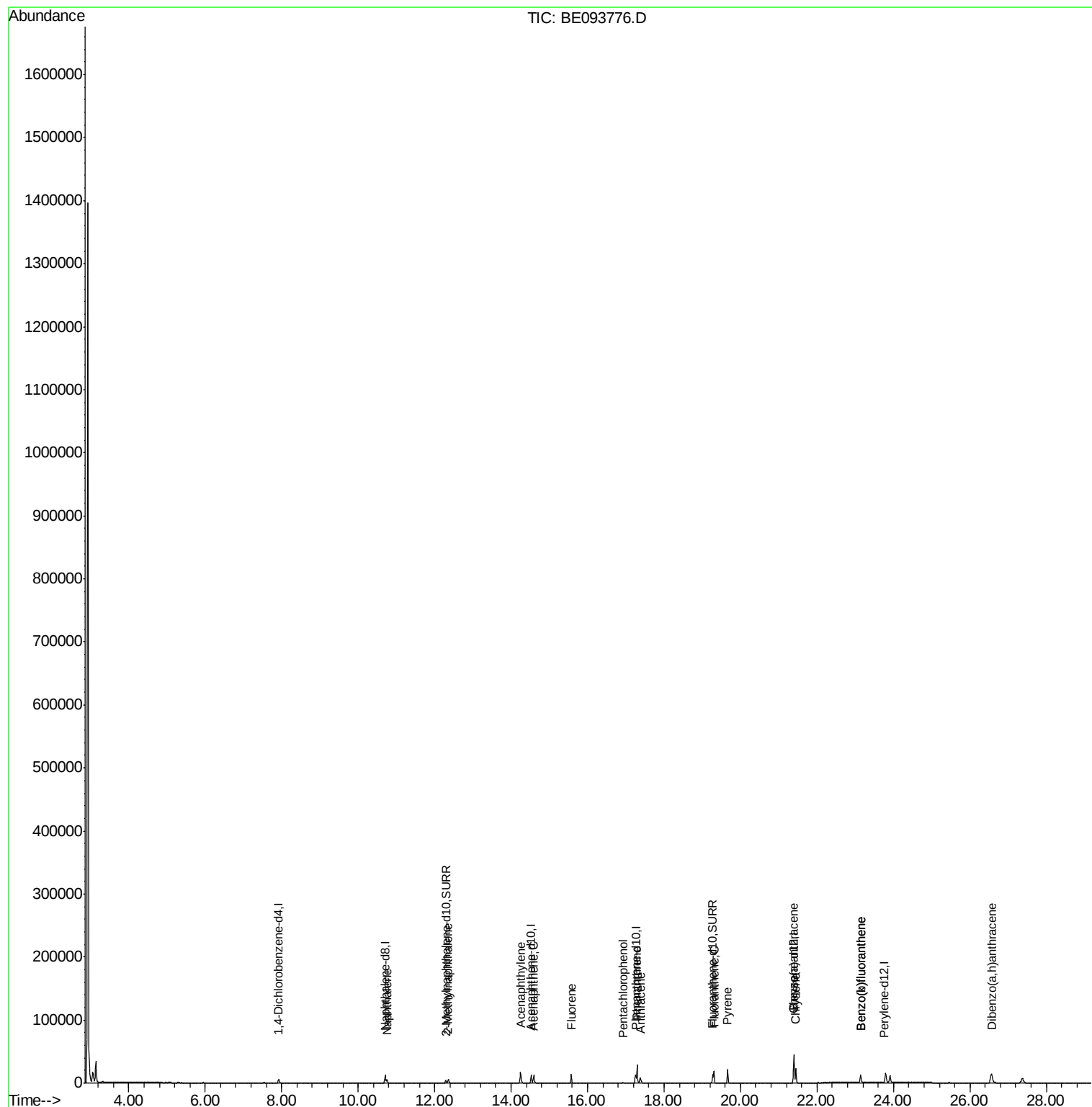
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2666	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13825	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	7821	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18281	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19402	0.40	ng/ul	0.00
20) Perylene-d12	23.75	264	862	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6892	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	16918	0.29	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	7813	0.232	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	5995	0.244	ng/ul	98
7) Acenaphthylene	14.24	152	23808	0.728	ng/ul	96
8) Acenaphthene	14.59	153	7872	0.306	ng/ul	98
9) Fluorene	15.57	166	9704	0.298	ng/ul#	94
11) Pentachlorophenol	16.93	266	506	0.168	ng/ul	97
12) Phenanthrene	17.29	178	32494	0.653	ng/ul#	89
13) Anthracene	17.38	178	10502	0.217	ng/ul#	89
15) Fluoranthene	19.30	202	21269	0.342	ng/ul	84
17) Pyrene	19.66	202	23853	0.421	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	38413	0.683	ng/ul#	85
19) Chrysene	21.44	228	21277	0.394	ng/ul	96
21) Benzo(b)fluoranthene	23.14	252	16408	6.153	ng/ul	88
22) Benzo(k)fluoranthene	23.14	252	16408	6.240	ng/ul#	90
25) Dibenzo(a,h)anthracene	26.57	278	10871	4.646	ng/ul#	89

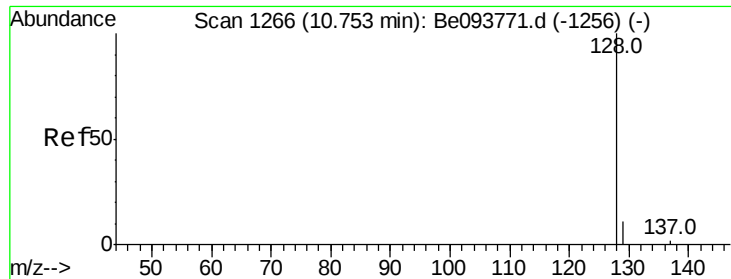
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.232 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Instrument :

BNA_E

ClientSampleId :

X2A53

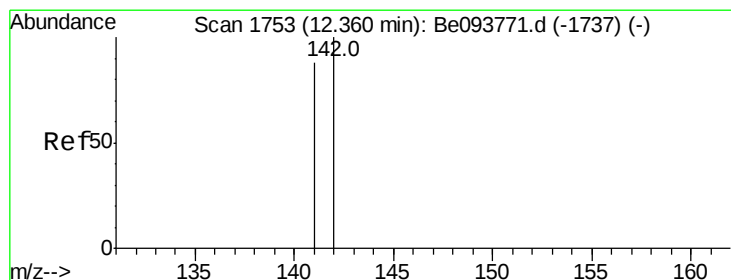
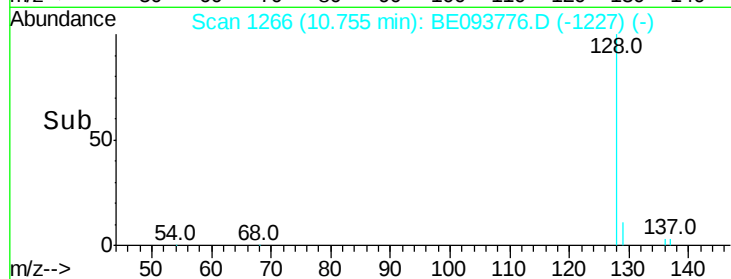
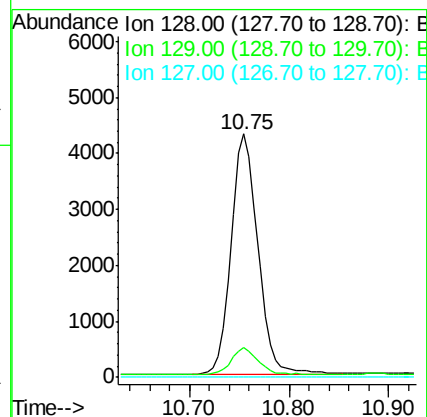
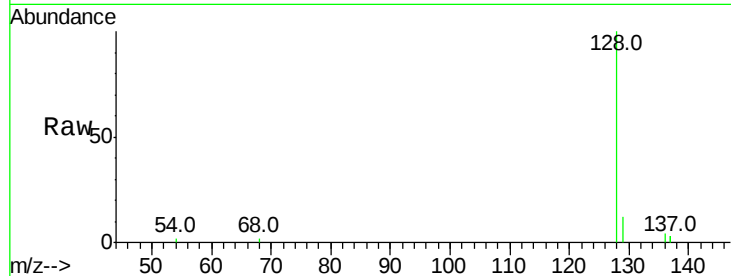
Tot Ion:128 Resp: 7813

Ion Ratio Lower Upper

128 100

129 12.0 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.244 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BE093776.D

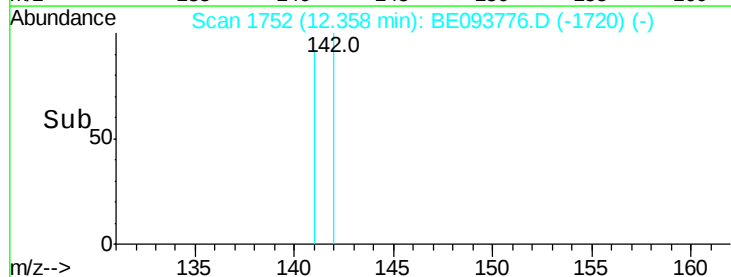
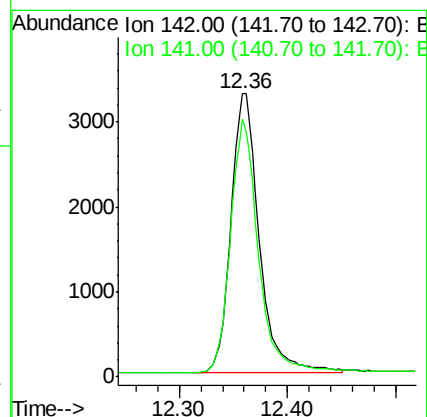
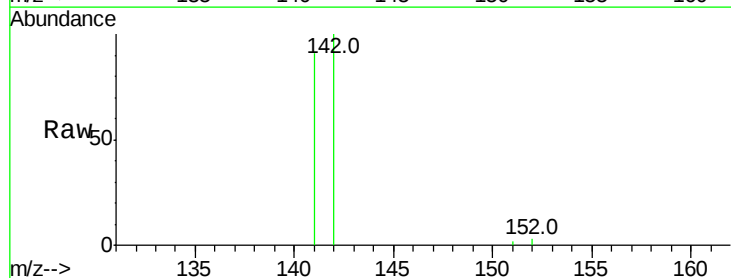
Acq: 11 Aug 2017 18:58

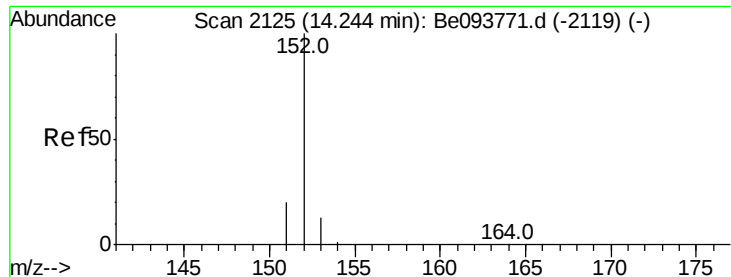
Tgt Ion:142 Resp: 5995

Ion Ratio Lower Upper

142 100

141 89.1 72.6 108.8





#7

Acenaphthylene

Concen: 0.728 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Instrument :

BNA_E

ClientSampleId :

X2A53

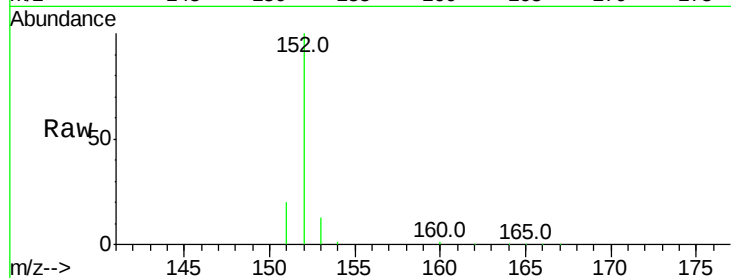
Tot Ion:152 Resp: 23808

Ion Ratio Lower Upper

152 100

151 20.1 17.1 25.7

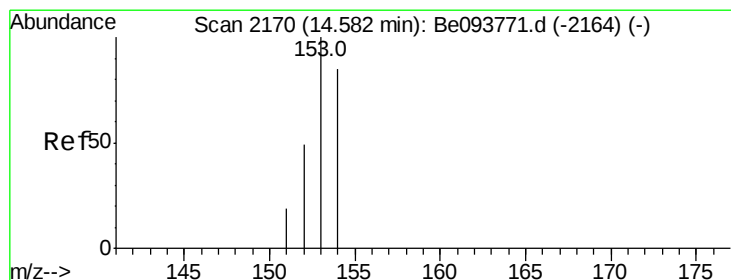
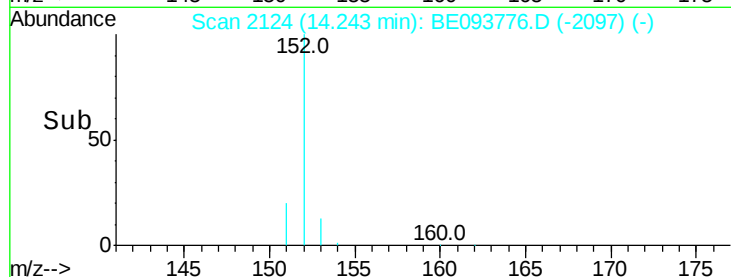
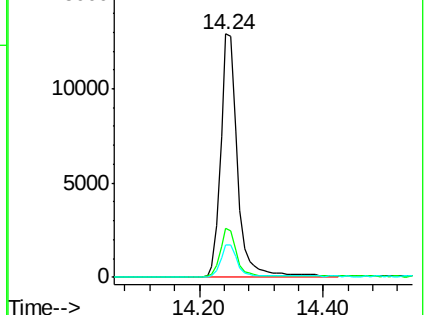
153 13.3 12.8 19.2



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: 0.306 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

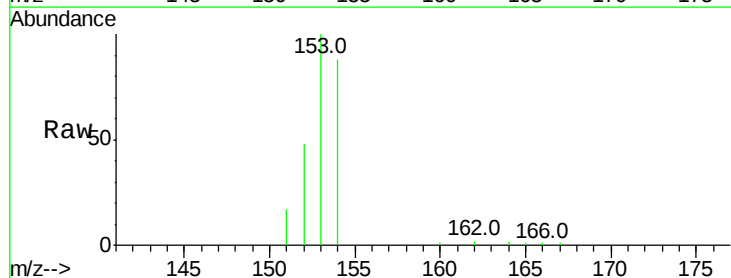
Tgt Ion:153 Resp: 7872

Ion Ratio Lower Upper

153 100

152 48.5 40.3 60.5

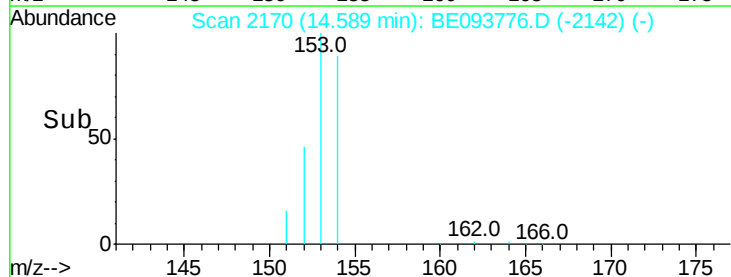
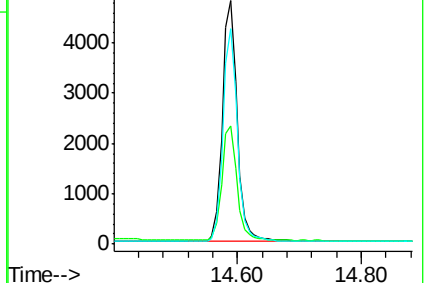
154 88.5 71.4 107.2

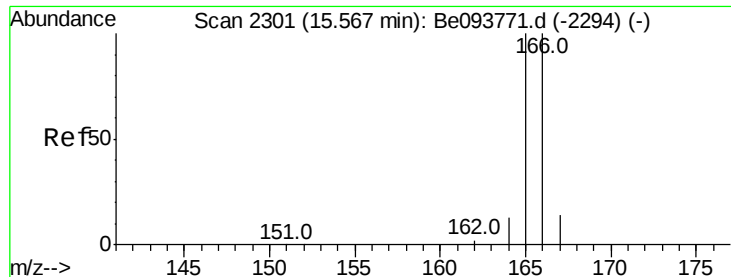


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.298 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. 0.01 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Instrument :

BNA_E

ClientSampleId :

X2A53

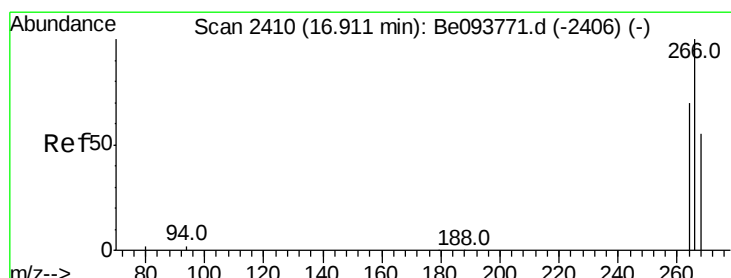
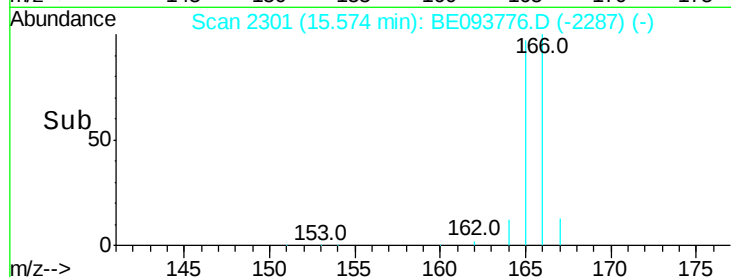
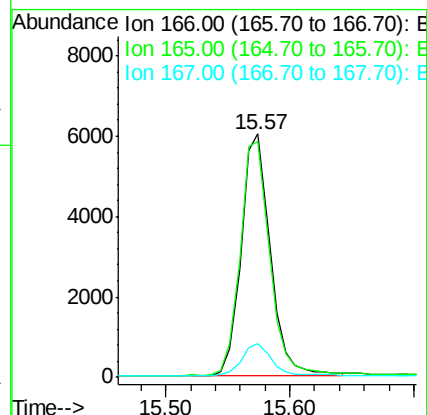
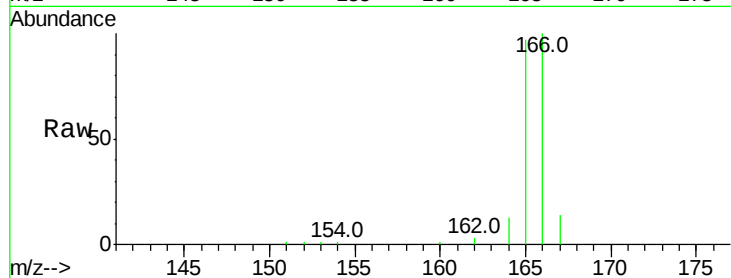
Tot Ion:166 Resp: 9704

Ion Ratio Lower Upper

166 100

165 97.0 73.4 110.2

167 13.8 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.168 ng/ul

RT: 16.93 min Scan# 2410

Delta R.T. 0.02 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

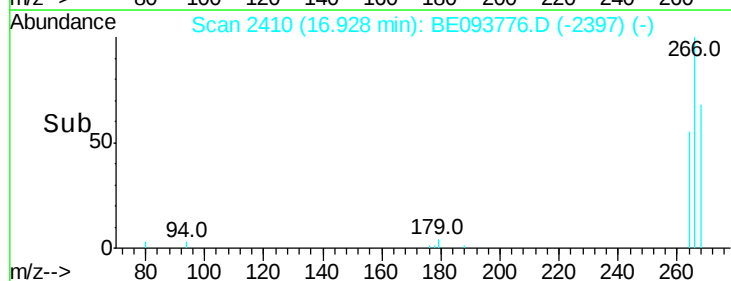
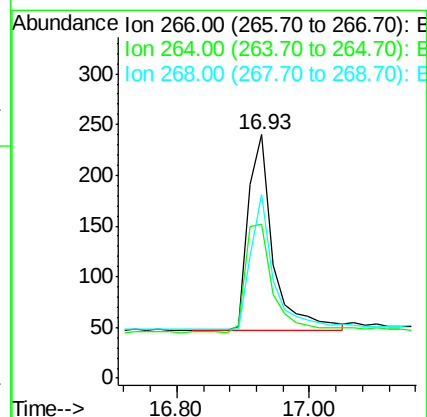
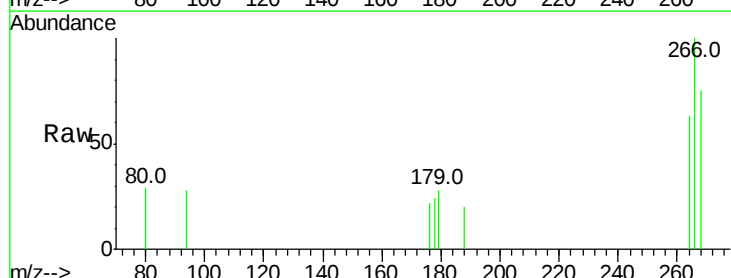
Tgt Ion:266 Resp: 506

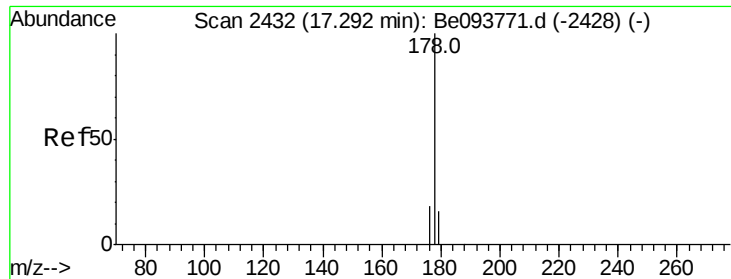
Ion Ratio Lower Upper

266 100

264 62.8 47.9 71.9

268 63.2 49.8 74.8





#12

Phenanthrene

Concen: 0.653 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Instrument :

BNA_E

ClientSampleId :

X2A53

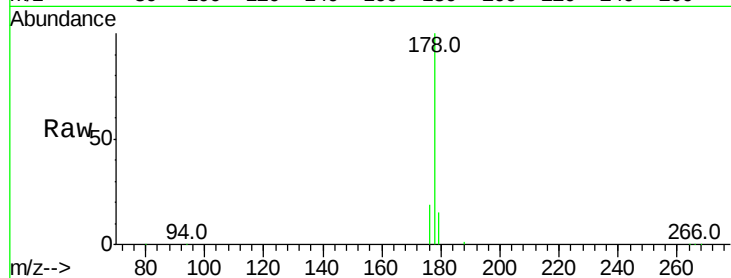
Tot Ion:178 Resp: 32494

Ion Ratio Lower Upper

178 100

179 15.2 18.4 27.6#

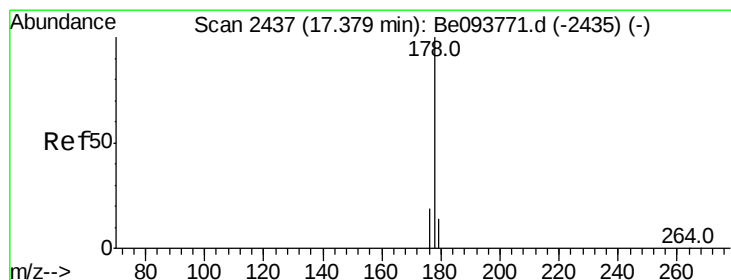
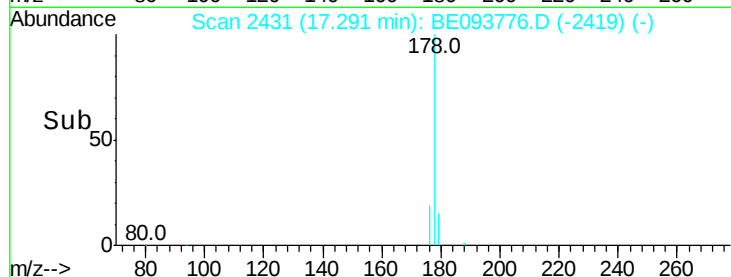
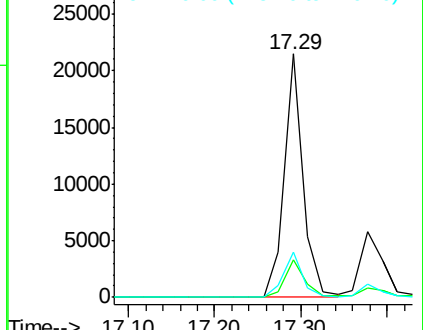
176 18.8 13.6 20.4



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: 0.217 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

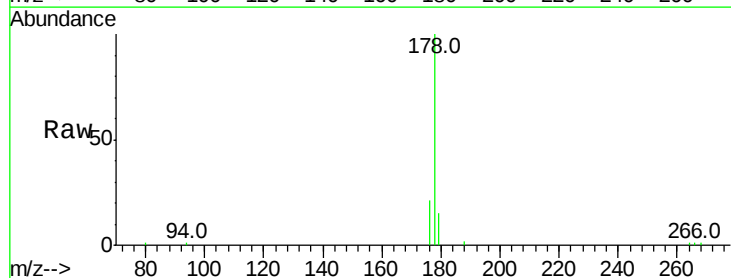
Tgt Ion:178 Resp: 10502

Ion Ratio Lower Upper

178 100

179 14.6 18.1 27.1#

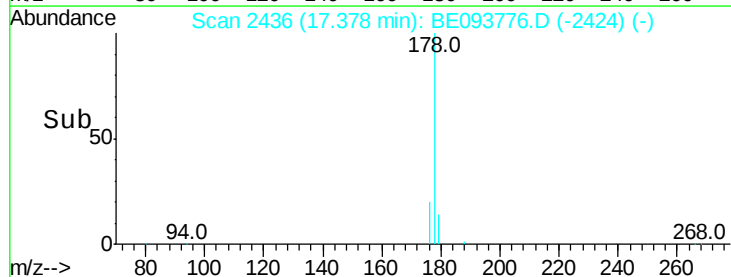
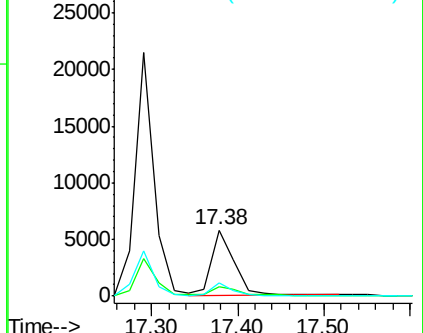
176 20.7 14.7 22.1

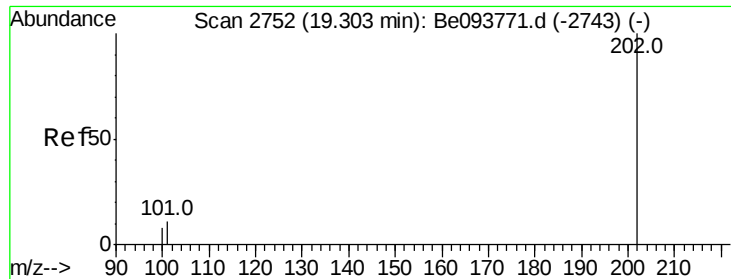


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.342 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Instrument :

BNA_E

ClientSampleId :

X2A53

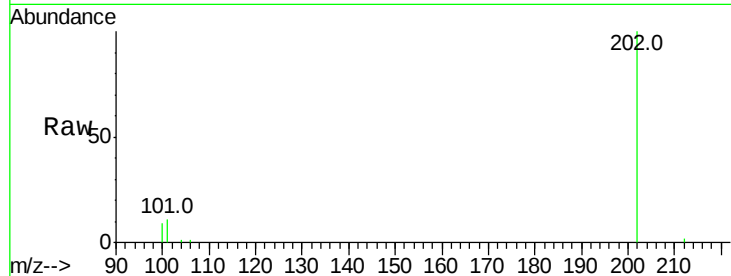
Tot Ion:202 Resp: 21269

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

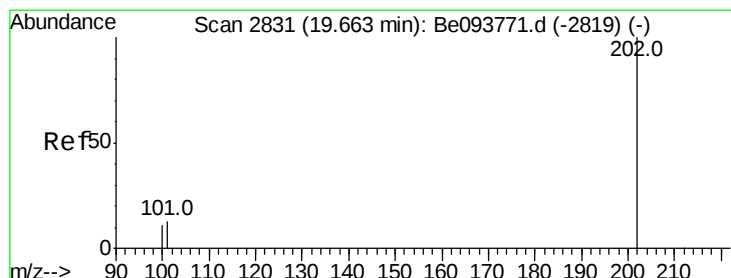
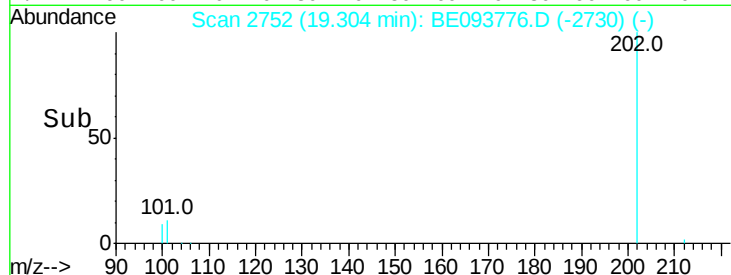
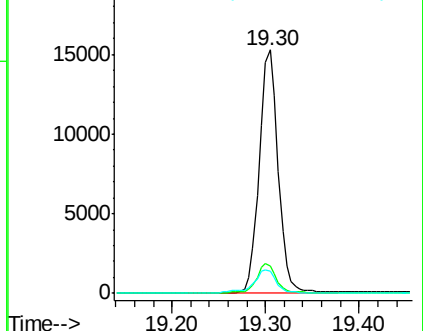
100 9.1 0.0 39.5



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: 0.421 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

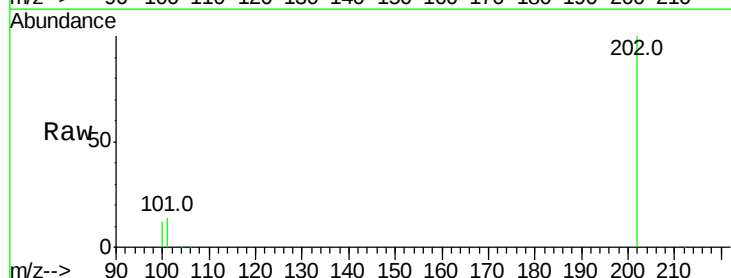
Tgt Ion:202 Resp: 23853

Ion Ratio Lower Upper

202 100

101 13.5 18.2 27.4#

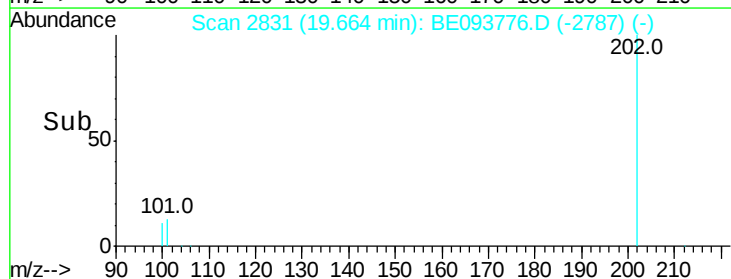
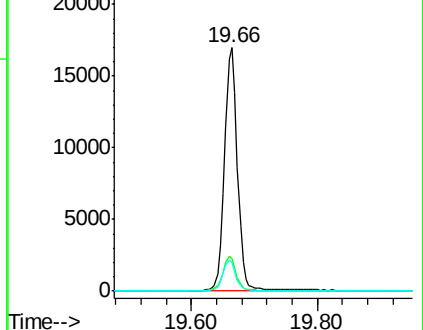
100 11.6 15.6 23.4#

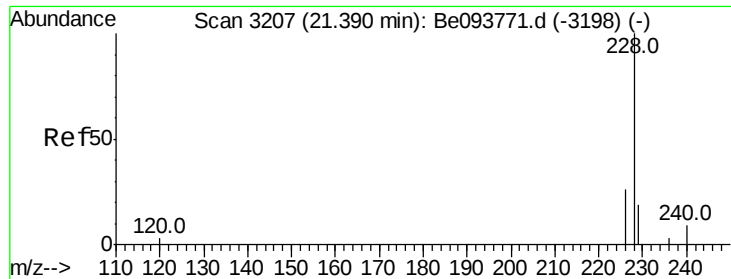


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.683 ng/u1

RT: 21.39 min Scan# 3206

Delta R.T. -0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

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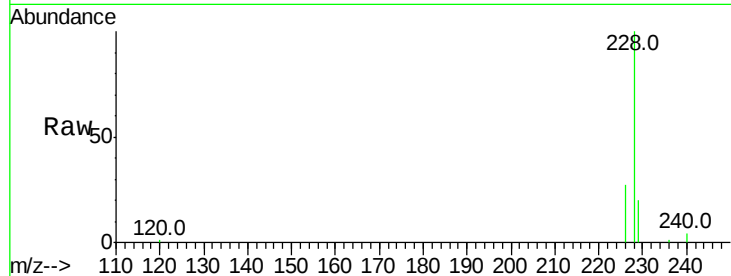
Tot Ion:228 Resp: 38413

Ion Ratio Lower Upper

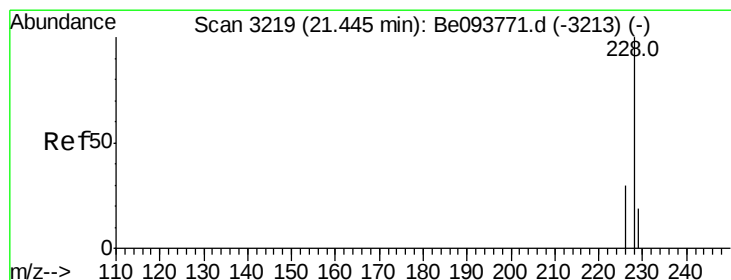
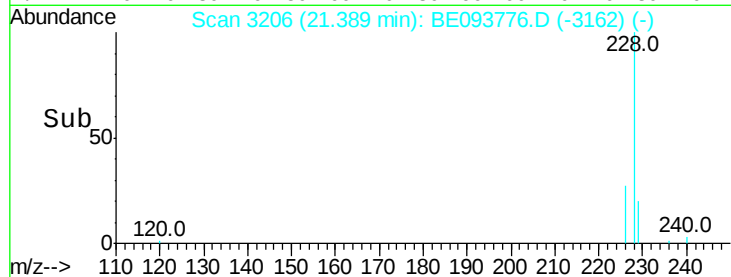
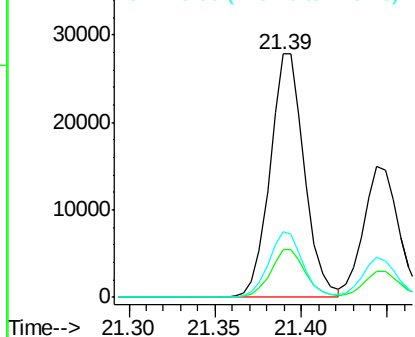
228 100

229 19.9 22.8 34.2#

226 27.0 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.394 ng/u1

RT: 21.44 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

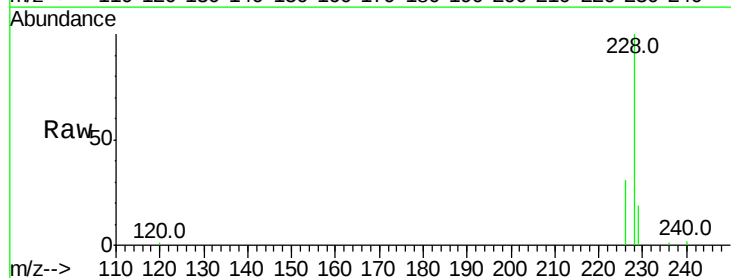
Tgt Ion:228 Resp: 21277

Ion Ratio Lower Upper

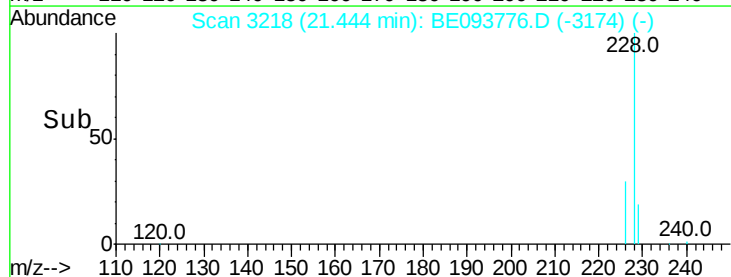
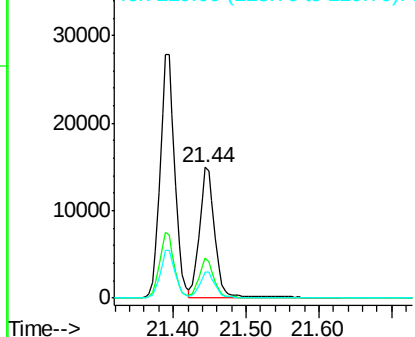
228 100

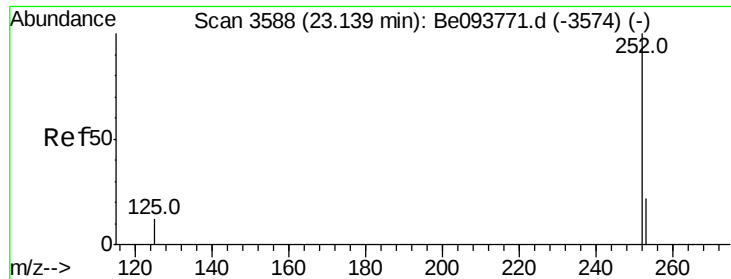
226 30.6 23.4 35.0

229 19.5 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 6.153 ng/u1

RT: 23.14 min Scan# 3587

Delta R.T. 0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Instrument :

BNA_E

ClientSampleId :

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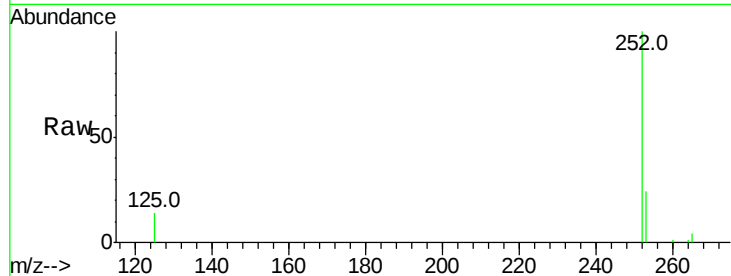
Tot Ion:252 Resp: 16408

Ion Ratio Lower Upper

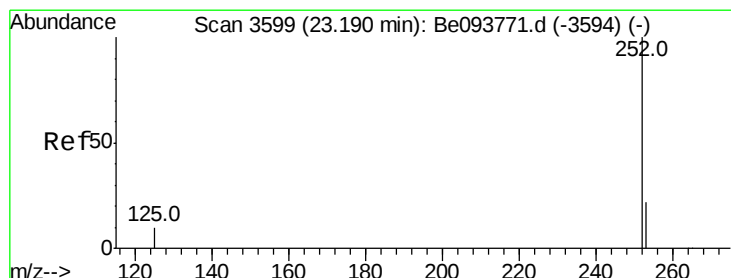
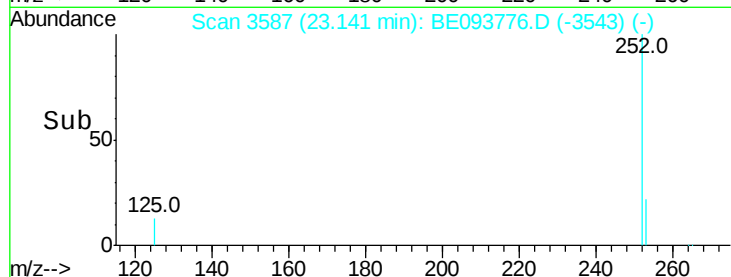
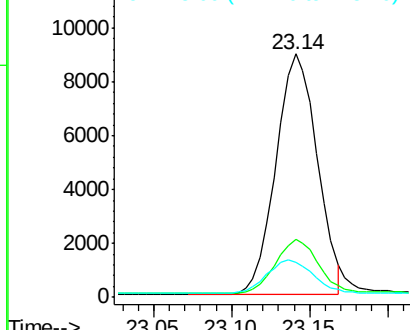
252 100

253 23.7 0.0 64.2

125 14.4 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: 6.240 ng/u1

RT: 23.14 min Scan# 3587

Delta R.T. -0.05 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

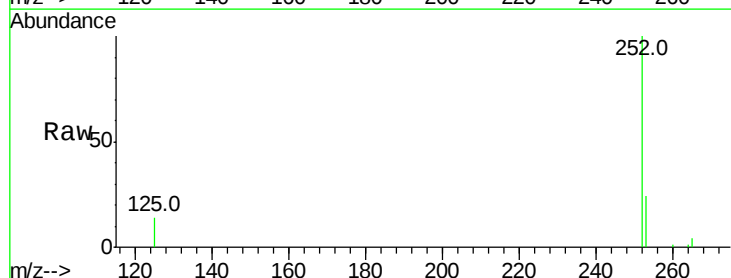
Tgt Ion:252 Resp: 16408

Ion Ratio Lower Upper

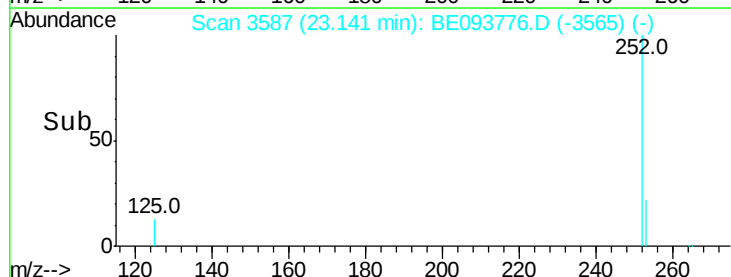
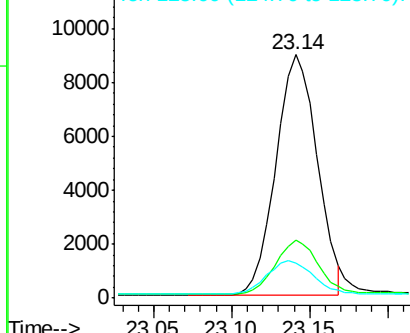
252 100

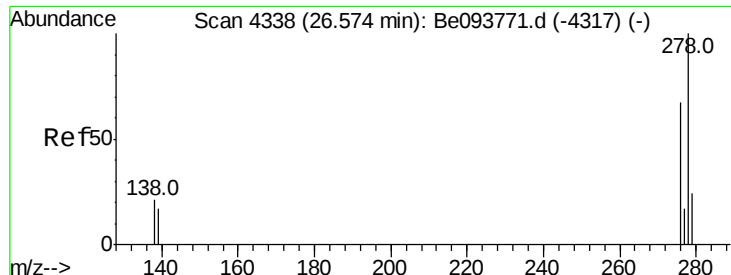
253 23.7 24.5 36.7#

125 14.4 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





#25

Dibenzo(a,h)anthracene

Concen: 4.646 ng/ul

RT: 26.57 min Scan# 4336

Delta R.T. -0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Instrument :

BNA_E

ClientSampleId :

X2A53

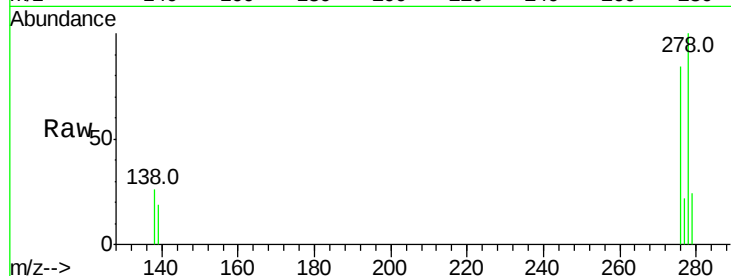
Tot Ion:278 Resp: 10871

Ion Ratio Lower Upper

278 100

139 19.2 17.4 26.0

279 23.8 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

