

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
 Data File : BE093709.D
 Acq On : 8 Aug 2017 10:02
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.444

Quant Time: Aug 09 04:13:35 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 04 16:09:39 2017
 Response via : Initial Calibration

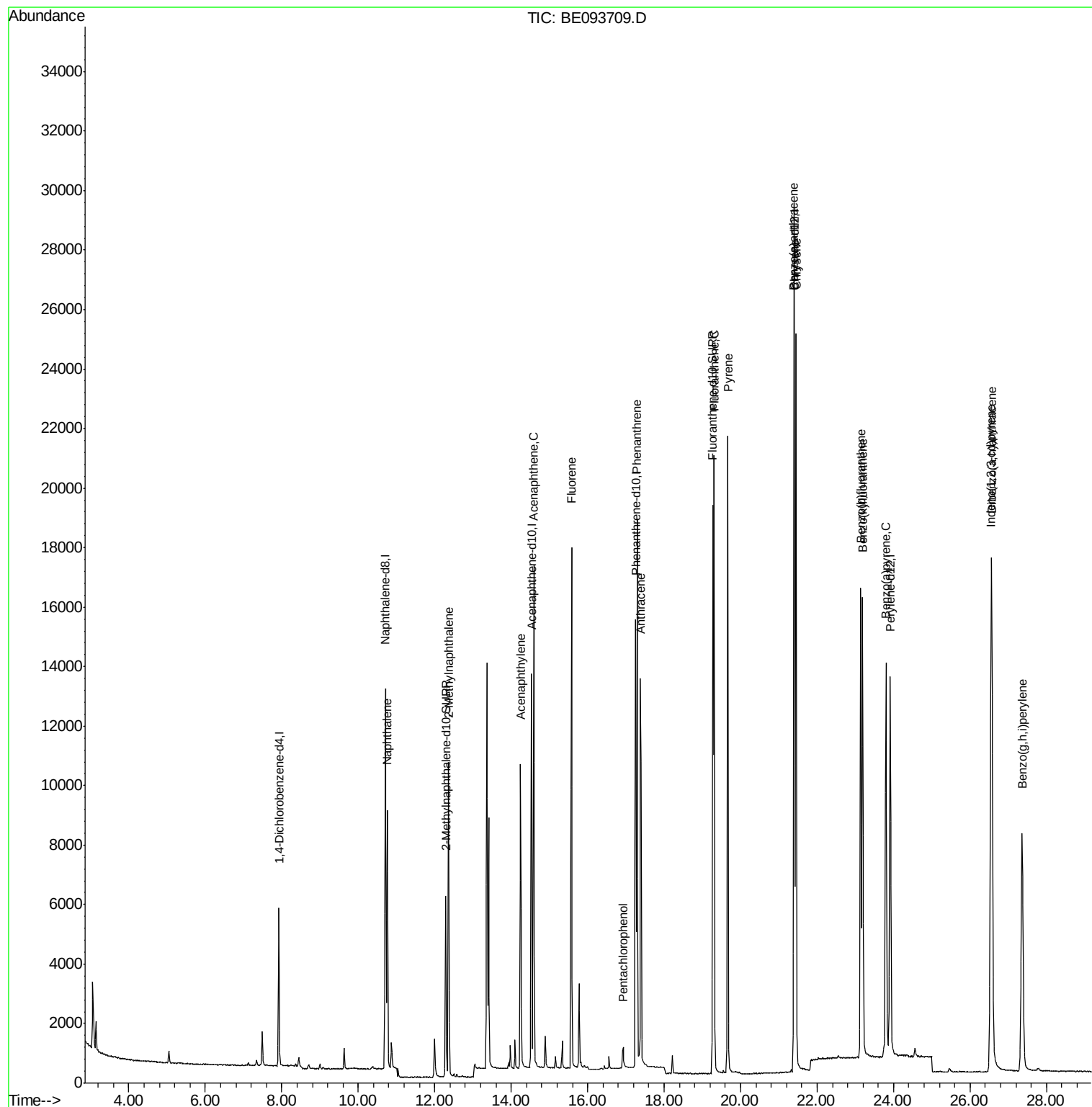
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2771	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13770	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	7904	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19349	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	21299	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19789	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	8758	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	21714	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	13524	0.404	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	9502	0.389	ng/ul	98
7) Acenaphthylene	14.24	152	13113	0.397	ng/ul#	95
8) Acenaphthene	14.59	153	10279	0.395	ng/ul	99
9) Fluorene	15.58	166	12124	0.369	ng/ul#	95
11) Pentachlorophenol	16.93	266	860	0.269	ng/ul	98
12) Phenanthrene	17.29	178	20973	0.398	ng/ul#	87
13) Anthracene	17.38	178	19628	0.382	ng/ul#	87
15) Fluoranthene	19.30	202	23488	0.356	ng/ul	84
17) Pyrene	19.66	202	24244	0.390	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	23221	0.376	ng/ul#	86
19) Chrysene	21.45	228	23689	0.400	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	23243	0.380	ng/ul	85
22) Benzo(k)fluoranthene	23.19	252	22905	0.379	ng/ul#	87
23) Benzo(a)pyrene	23.80	252	22213	0.381	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.55	276	24665	0.384	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.57	278	20498	0.382	ng/ul#	89
26) Benzo(g,h,i)perylene	27.37	276	20141	0.372	ng/ul	96

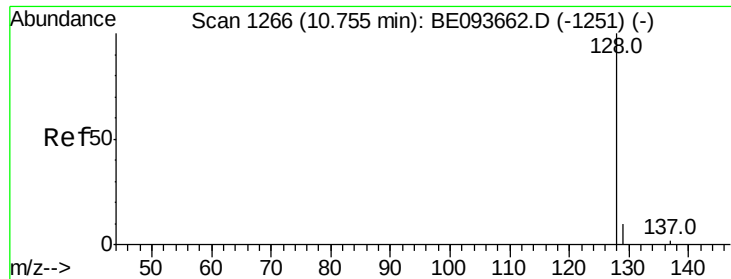
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.404 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093709.D

Acq: 8 Aug 2017 10:02

Instrument :

BNA_E

ClientSampleId :

SSTD0.444

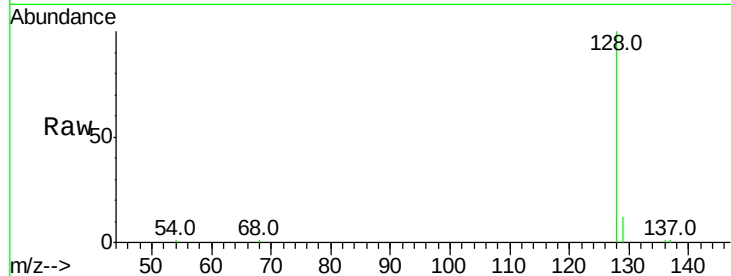
Tot Ion:128 Resp: 13524

Ion Ratio Lower Upper

128 100

129 11.6 11.3 16.9

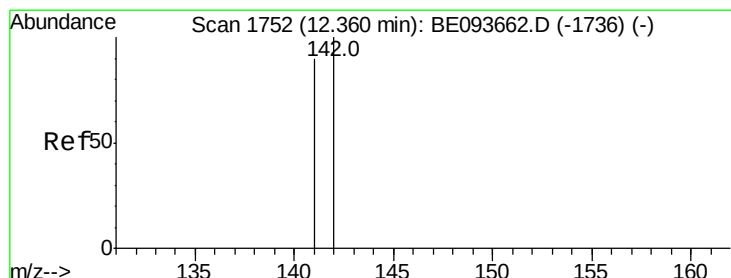
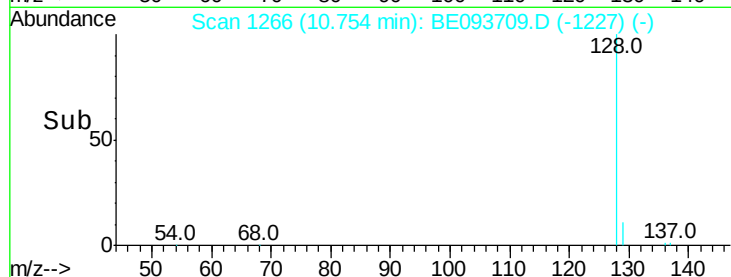
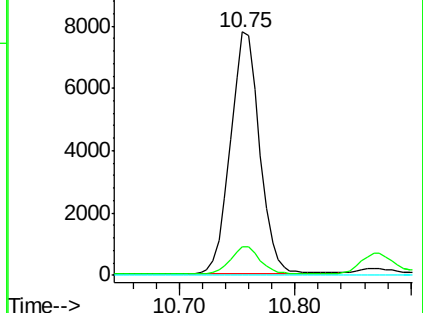
127 0.0 4.0 6.0#



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: 0.389 ng/ul

RT: 12.36 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BE093709.D

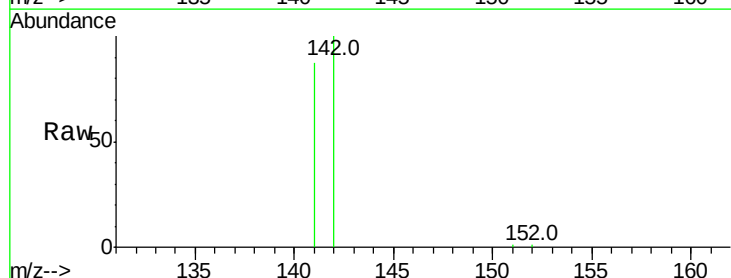
Acq: 8 Aug 2017 10:02

Tgt Ion:142 Resp: 9502

Ion Ratio Lower Upper

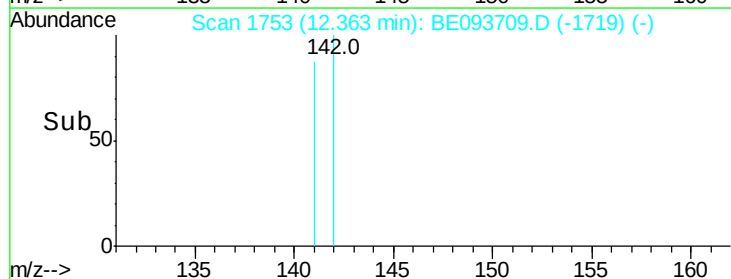
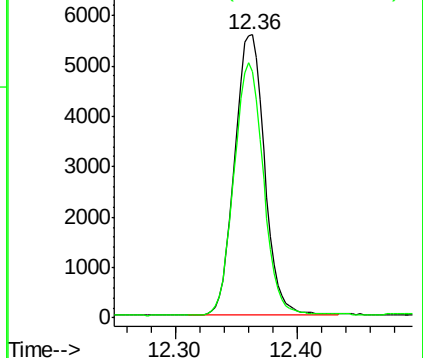
142 100

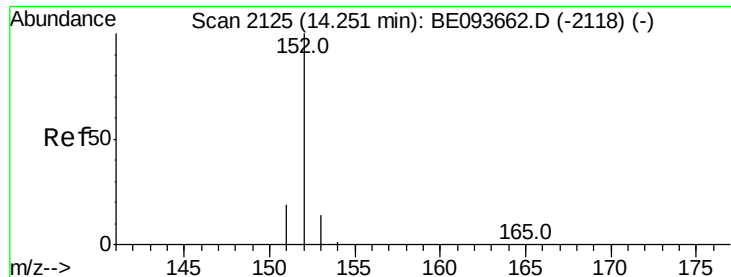
141 89.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.397 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE093709.D

Acq: 8 Aug 2017 10:02

Instrument :

BNA_E

ClientSampleId :

SSTD0.444

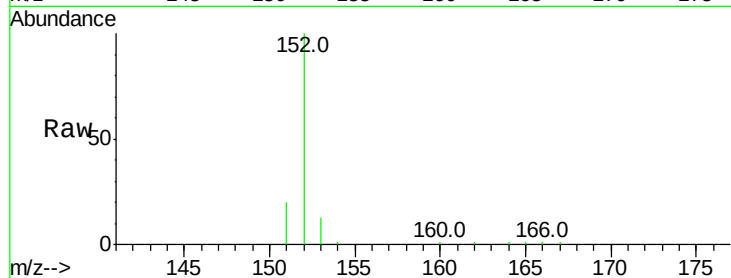
Tot Ion:152 Resp: 13113

Ion Ratio Lower Upper

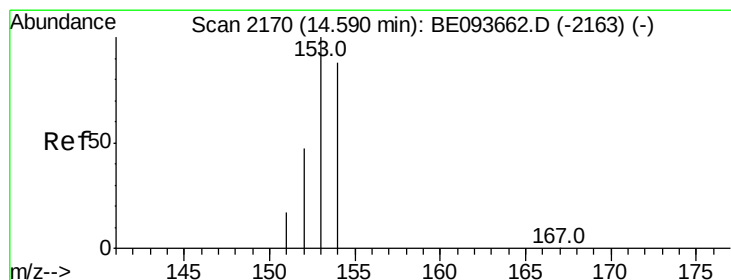
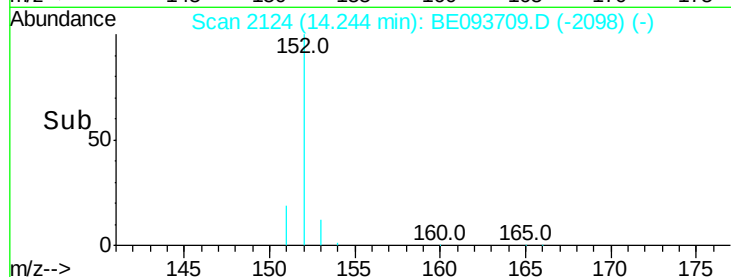
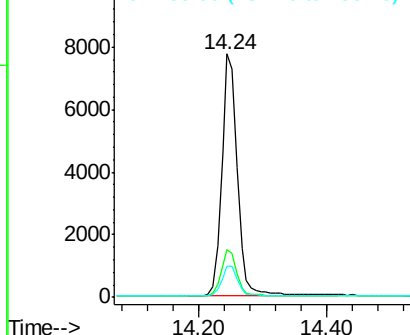
152 100

151 19.9 17.1 25.7

153 12.6 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: 0.395 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BE093709.D

Acq: 8 Aug 2017 10:02

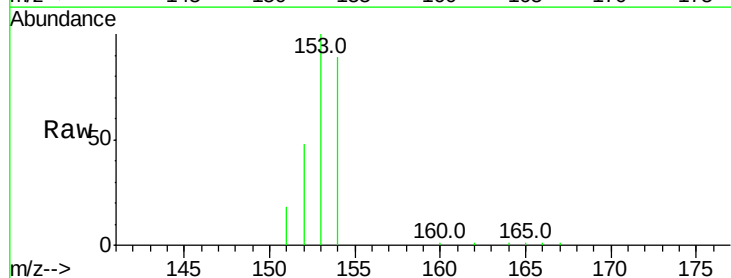
Tgt Ion:153 Resp: 10279

Ion Ratio Lower Upper

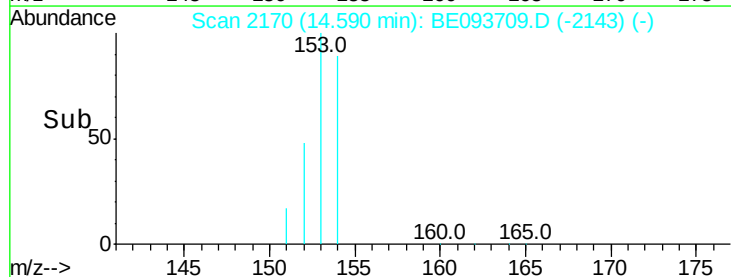
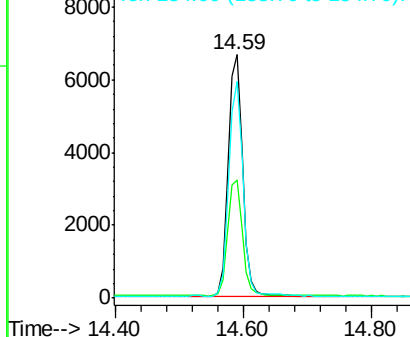
153 100

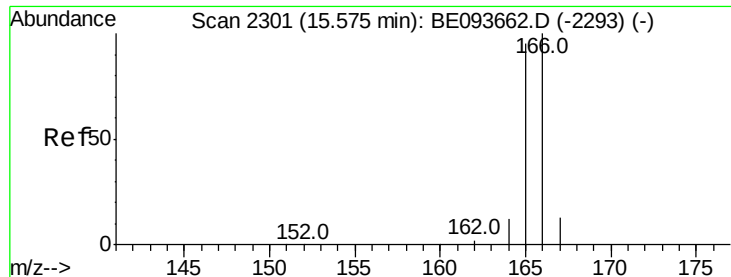
152 48.5 40.3 60.5

154 88.9 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: 0.369 ng/ul

RT: 15.58 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BE093709.D

Acq: 8 Aug 2017 10:02

Instrument :

BNA_E

ClientSampleId :

SSTD0.444

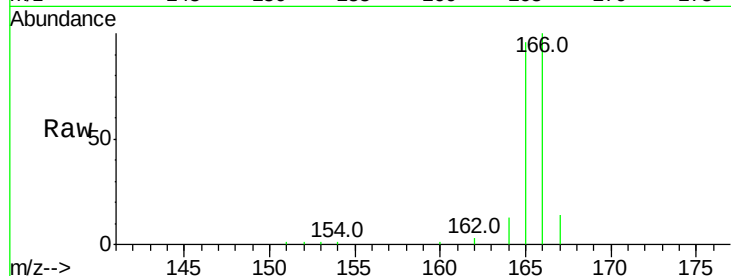
Tot Ion:166 Resp: 12124

Ion Ratio Lower Upper

166 100

165 96.0 73.4 110.2

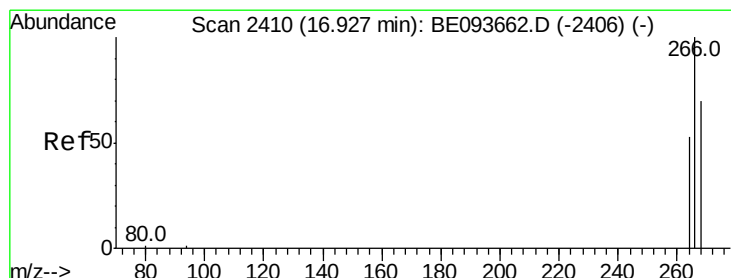
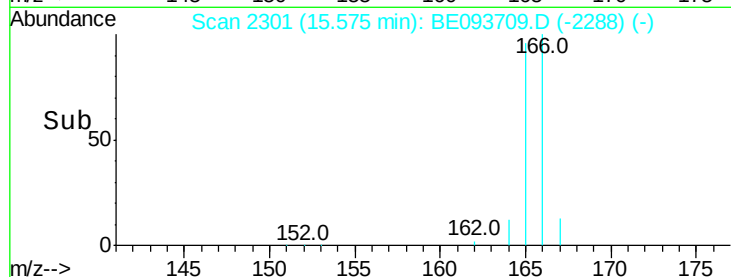
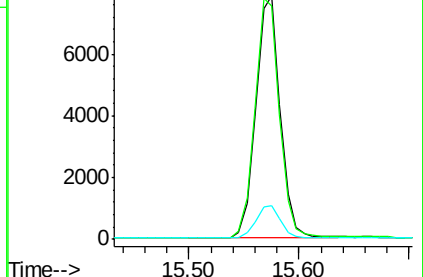
167 13.8 14.6 22.0#



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: 0.269 ng/ul

RT: 16.93 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BE093709.D

Acq: 8 Aug 2017 10:02

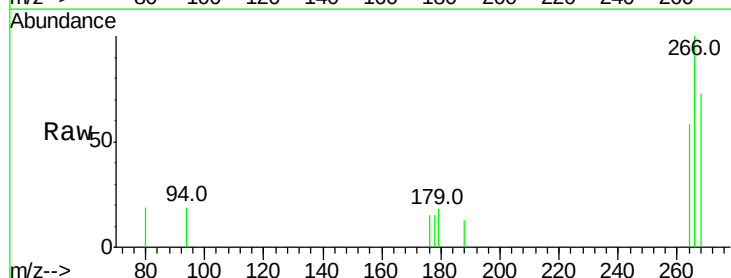
Tgt Ion:266 Resp: 860

Ion Ratio Lower Upper

266 100

264 62.0 47.9 71.9

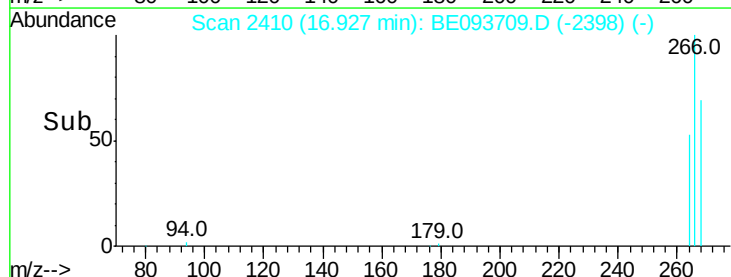
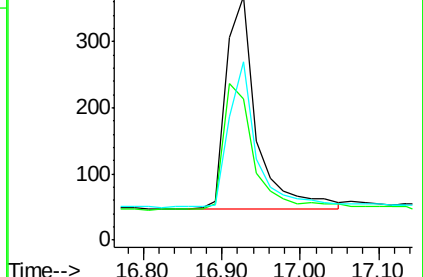
268 63.4 49.8 74.8

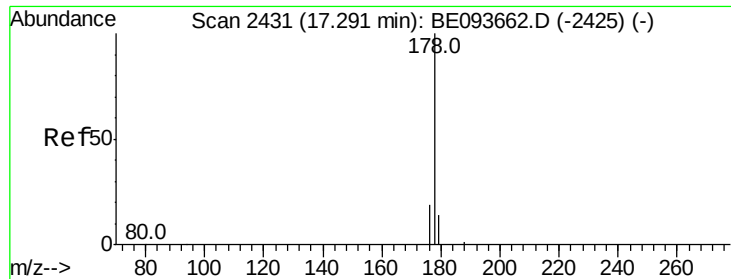


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.398 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE093709.D

Acq: 8 Aug 2017 10:02

Instrument :

BNA_E

ClientSampleId :

SSTD0.444

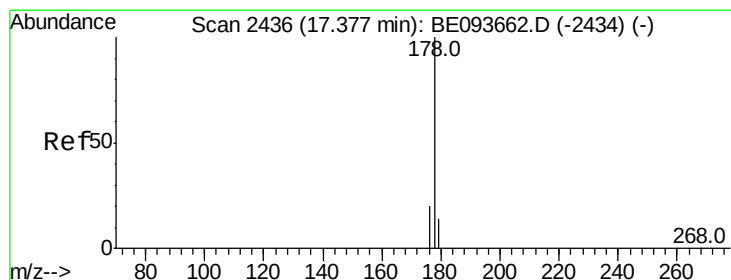
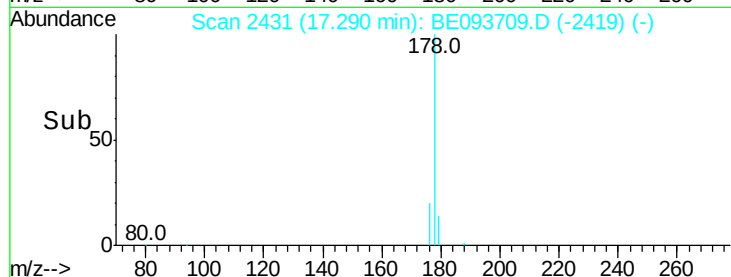
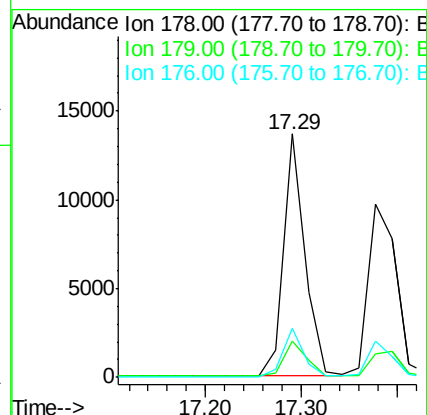
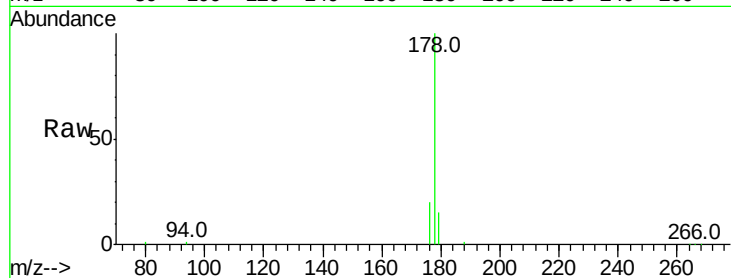
Tot Ion:178 Resp: 20973

Ion Ratio Lower Upper

178 100

179 14.7 18.4 27.6#

176 19.9 13.6 20.4



#13

Anthracene

Concen: 0.382 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE093709.D

Acq: 8 Aug 2017 10:02

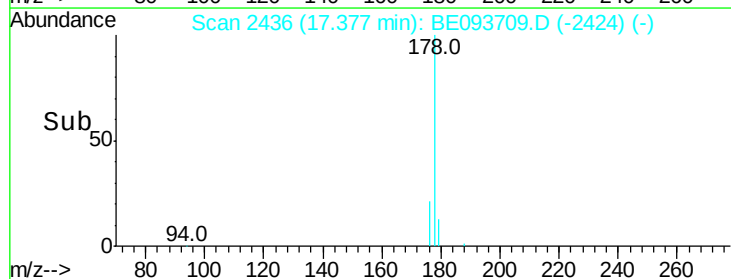
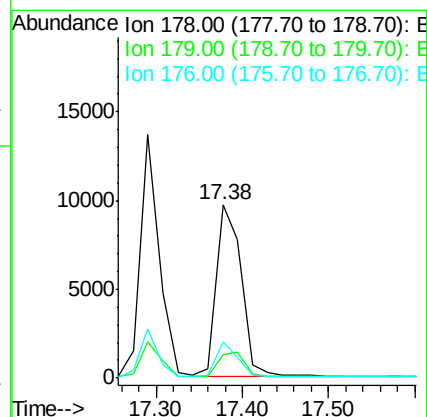
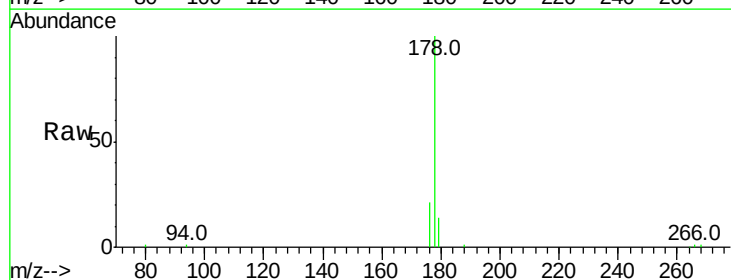
Tgt Ion:178 Resp: 19628

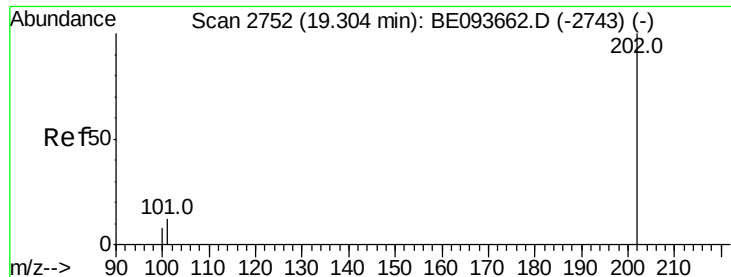
Ion Ratio Lower Upper

178 100

179 13.7 18.1 27.1#

176 21.0 14.7 22.1





#15

Fluoranthene

Concen: 0.356 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BE093709.D

Acq: 8 Aug 2017 10:02

Instrument :

BNA_E

ClientSampleId :

SSTD0.444

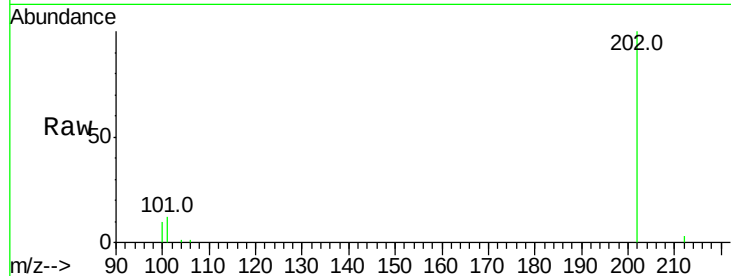
Tot Ion:202 Resp: 23488

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.3

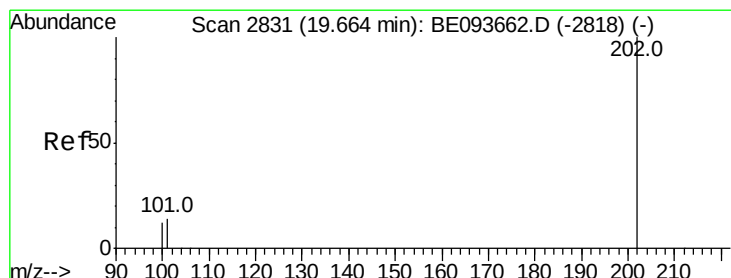
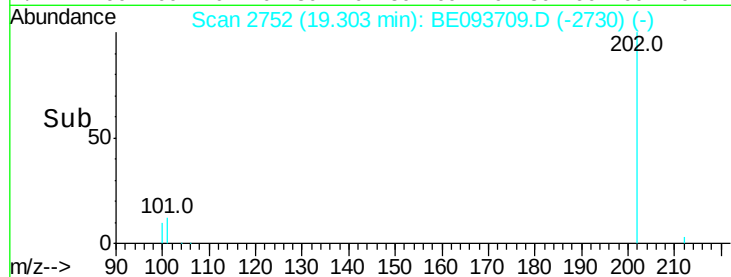
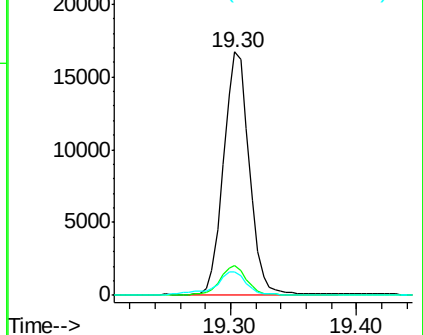
100 9.8 0.0 39.5



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: 0.390 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BE093709.D

Acq: 8 Aug 2017 10:02

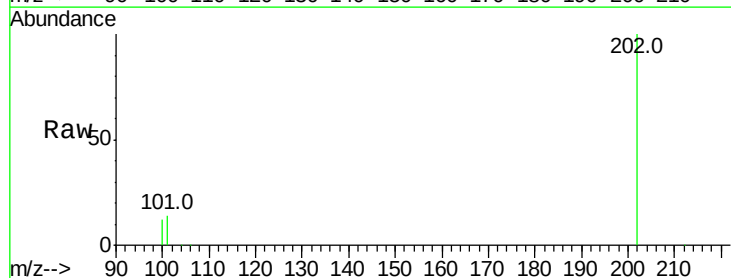
Tgt Ion:202 Resp: 24244

Ion Ratio Lower Upper

202 100

101 14.4 18.2 27.4#

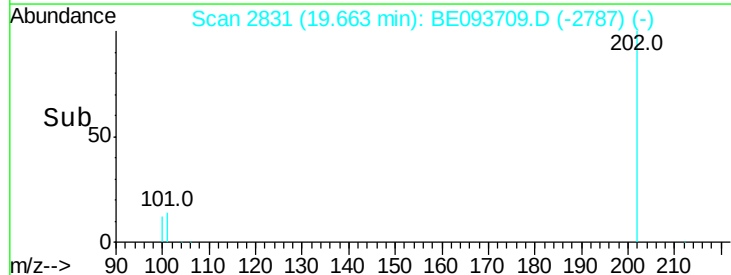
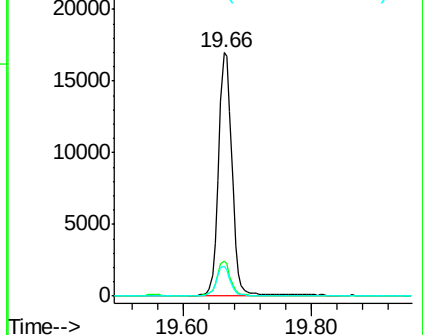
100 12.5 15.6 23.4#

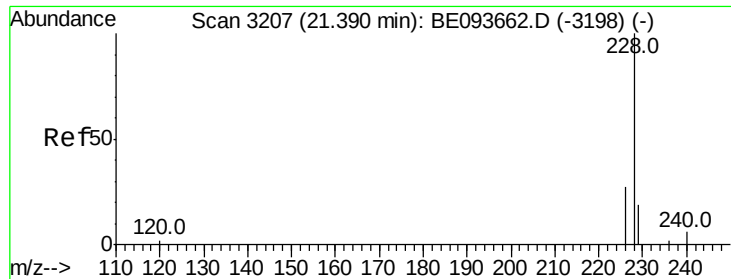


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.376 ng/ul

RT: 21.39 min Scan# 3208

Delta R.T. 0.00 min

Lab File: BE093709.D

Acq: 8 Aug 2017 10:02

Instrument :

BNA_E

ClientSampleId :

SSTD0.444

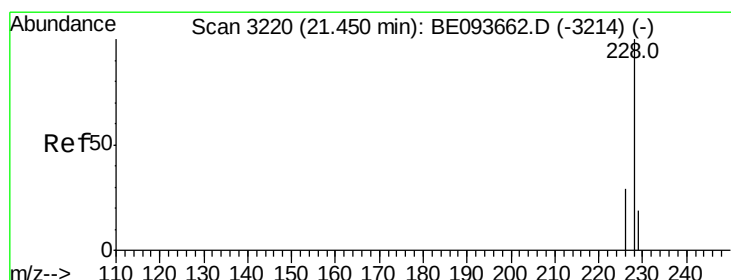
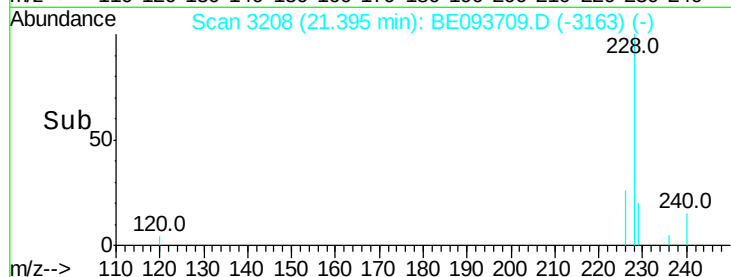
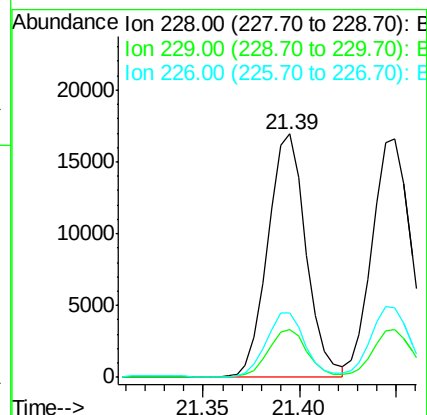
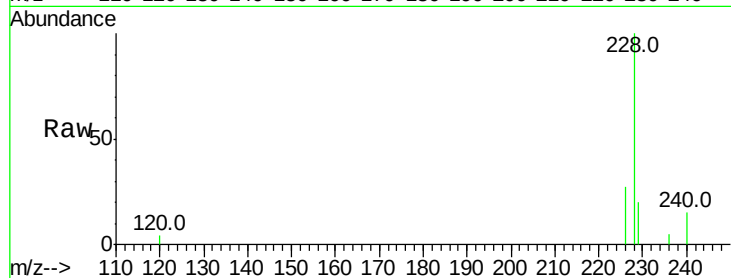
Tot Ion:228 Resp: 23221

Ion Ratio Lower Upper

228 100

229 19.8 22.8 34.2#

226 26.7 17.0 25.6#



#19

Chrysene

Concen: 0.400 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BE093709.D

Acq: 8 Aug 2017 10:02

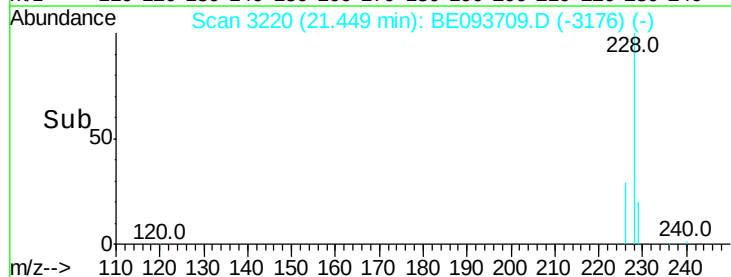
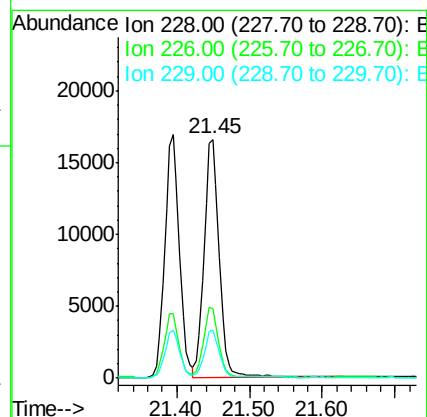
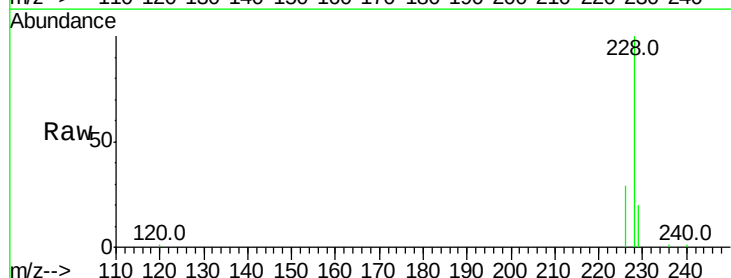
Tgt Ion:228 Resp: 23689

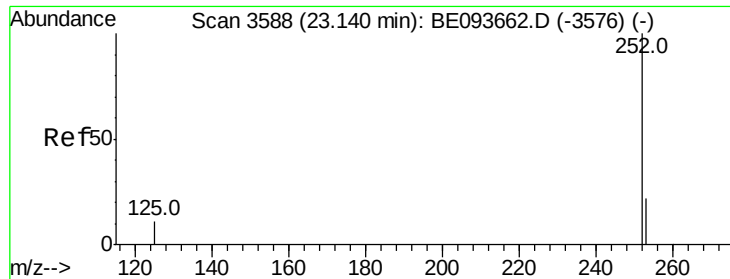
Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.0

229 19.9 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.380 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.00 min

Lab File: BE093709.D

Acq: 8 Aug 2017 10:02

Instrument :

BNA_E

ClientSampleId :

SSTD0.444

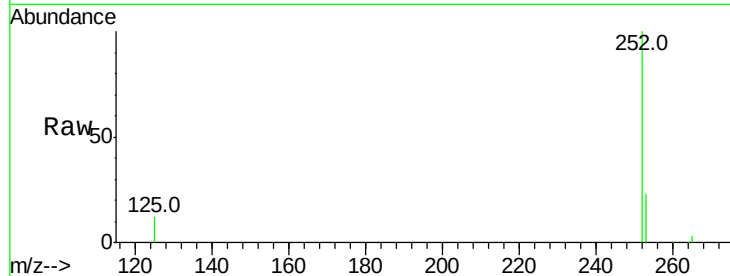
Tot Ion:252 Resp: 23243

Ion Ratio Lower Upper

252 100

253 22.6 0.0 64.2

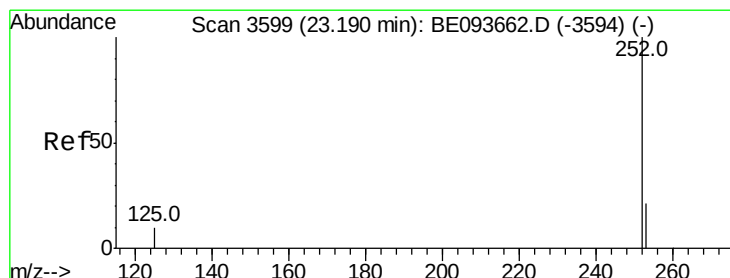
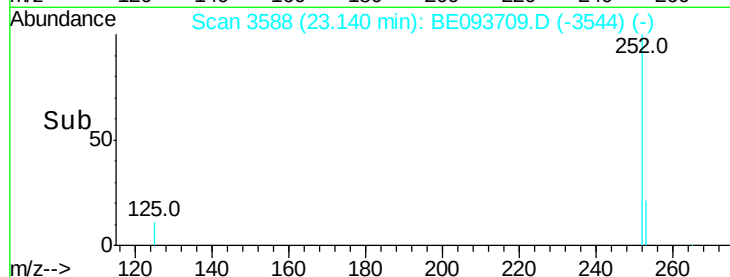
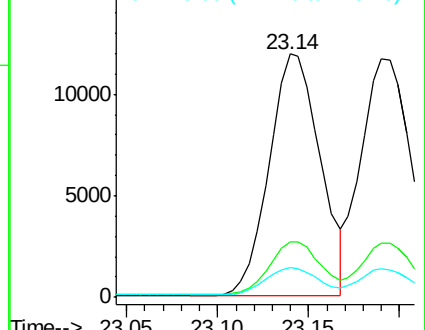
125 12.4 0.0 35.0



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: 0.379 ng/ul

RT: 23.19 min Scan# 3599

Delta R.T. -0.00 min

Lab File: BE093709.D

Acq: 8 Aug 2017 10:02

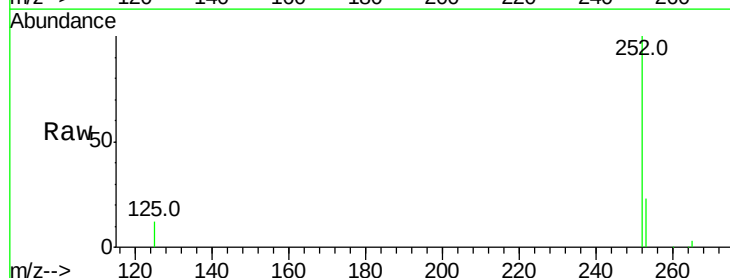
Tgt Ion:252 Resp: 22905

Ion Ratio Lower Upper

252 100

253 23.0 24.5 36.7#

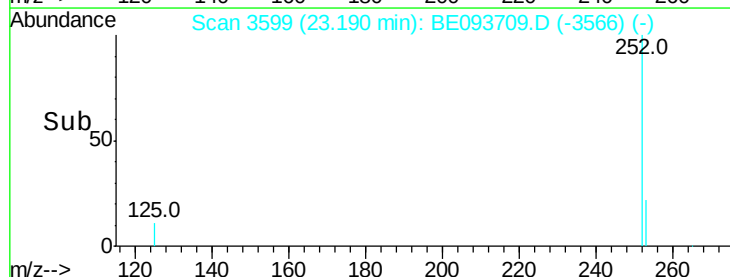
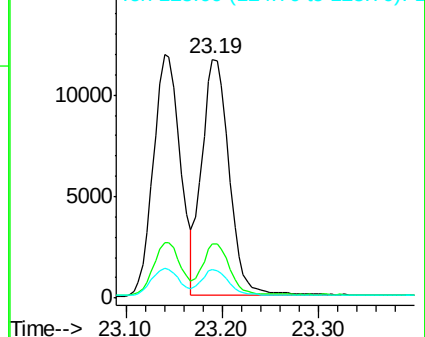
125 12.0 13.7 20.5#

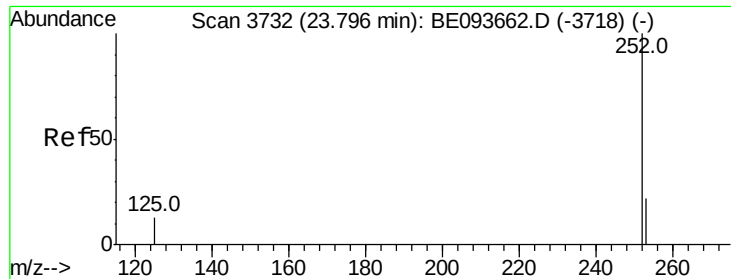


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.381 ng/ul

RT: 23.80 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BE093709.D

Acq: 8 Aug 2017 10:02

Instrument :

BNA_E

ClientSampleId :

SSTD0.444

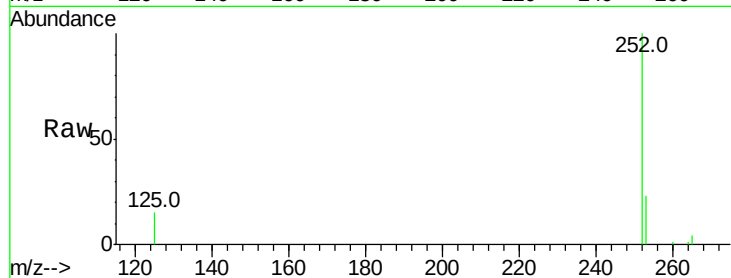
Tot Ion:252 Resp: 22213

Ion Ratio Lower Upper

252 100

253 23.5 28.5 42.7#

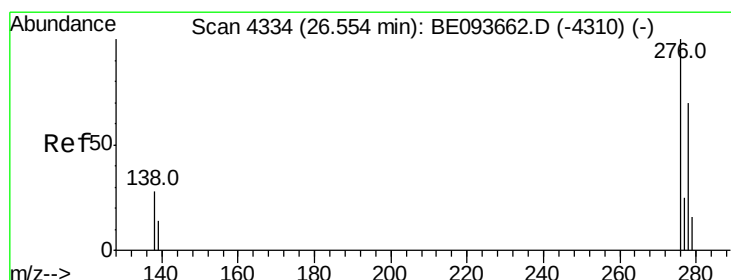
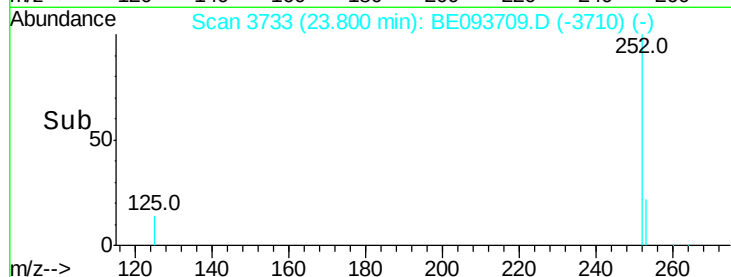
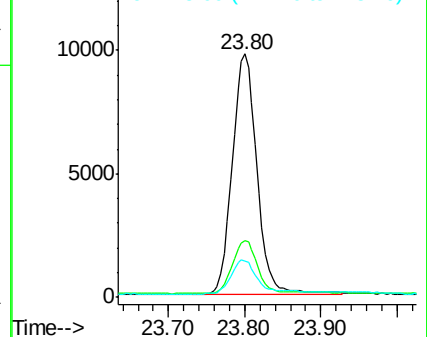
125 14.8 18.1 27.1#



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: 0.384 ng/ul

RT: 26.55 min Scan# 4333

Delta R.T. -0.00 min

Lab File: BE093709.D

Acq: 8 Aug 2017 10:02

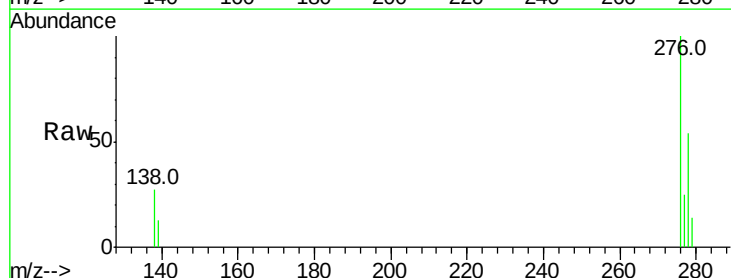
Tgt Ion:276 Resp: 24665

Ion Ratio Lower Upper

276 100

138 29.0 28.0 42.0

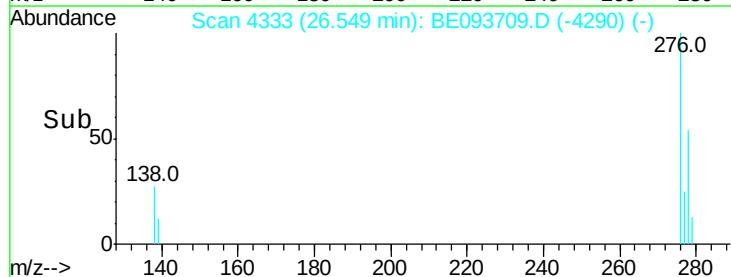
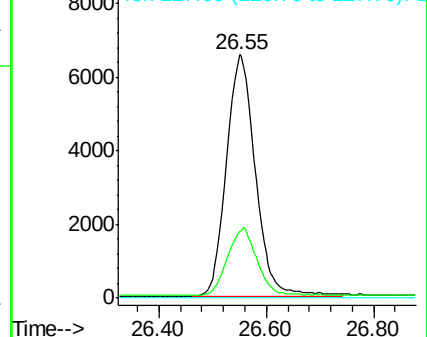
227 0.0 8.0 12.0#

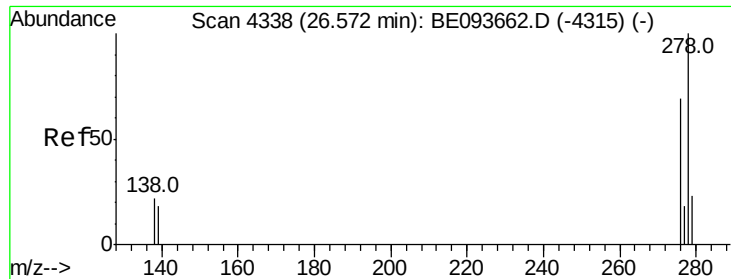


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.382 ng/ul

RT: 26.57 min Scan# 4337

Delta R.T. -0.00 min

Lab File: BE093709.D

Acq: 8 Aug 2017 10:02

Instrument :

BNA_E

ClientSampleId :

SSTD0.444

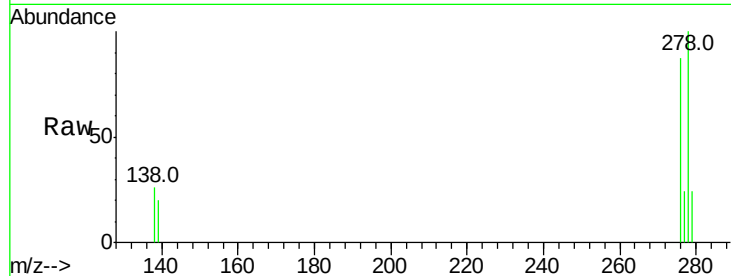
Tot Ion:278 Resp: 20498

Ion Ratio Lower Upper

278 100

139 19.5 17.4 26.0

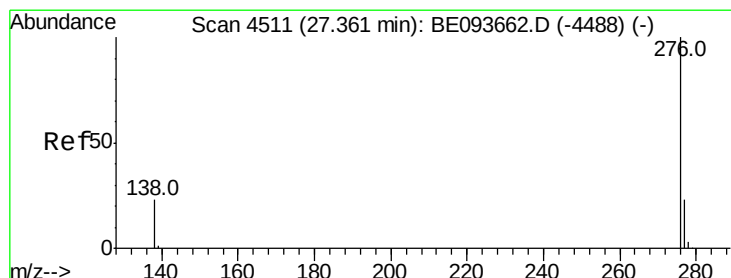
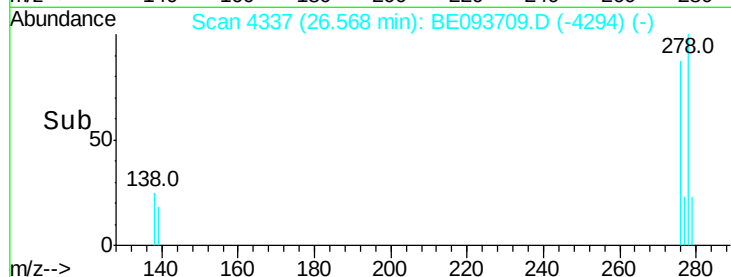
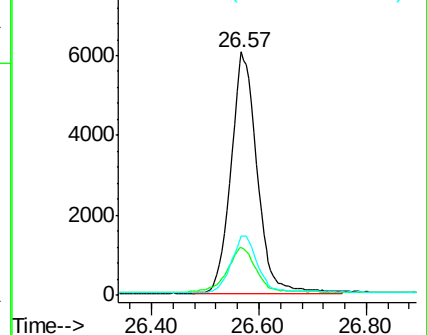
279 24.1 25.9 38.9#



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: 0.372 ng/ul

RT: 27.37 min Scan# 4512

Delta R.T. 0.00 min

Lab File: BE093709.D

Acq: 8 Aug 2017 10:02

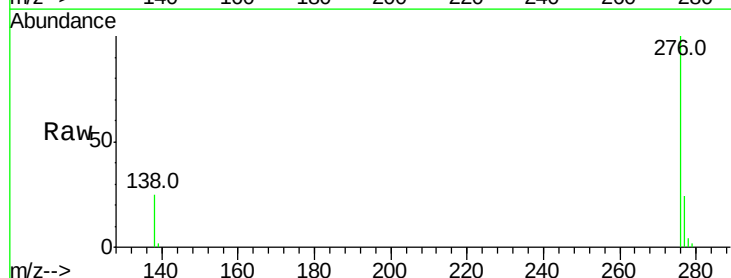
Tgt Ion:276 Resp: 20141

Ion Ratio Lower Upper

276 100

138 25.0 21.8 32.8

277 24.2 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

