

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081117\
 Data File : BE093781.D
 Acq On : 11 Aug 2017 22:06
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.402

Quant Time: Aug 12 02:03:19 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

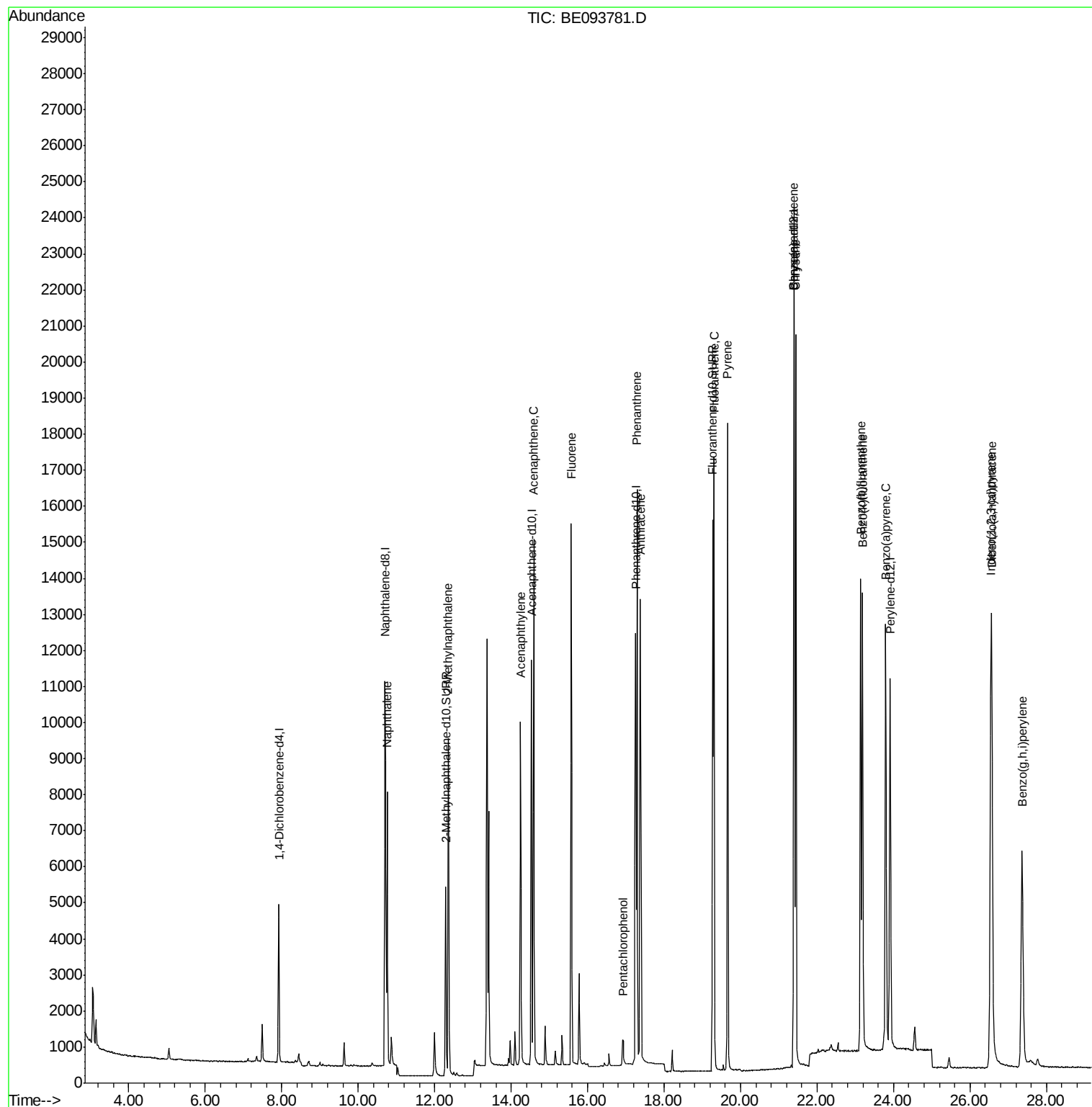
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2262	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11899	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	6947	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	16149	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16802	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	15507	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	7731	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	17910	0.35	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	11820	0.408	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	8324	0.394	ng/ul	99
7) Acenaphthylene	14.24	152	11933	0.411	ng/ul	97
8) Acenaphthene	14.59	153	9065	0.397	ng/ul	99
9) Fluorene	15.57	166	10587	0.366	ng/ul#	95
11) Pentachlorophenol	16.93	266	830	0.312	ng/ul	97
12) Phenanthrene	17.29	178	17359	0.395	ng/ul#	89
13) Anthracene	17.38	178	16295	0.380	ng/ul#	89
15) Fluoranthene	19.30	202	19093	0.347	ng/ul	84
17) Pyrene	19.66	202	19962	0.407	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	19040	0.391	ng/ul#	86
19) Chrysene	21.45	228	18765	0.402	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	18334	0.382	ng/ul	87
22) Benzo(k)fluoranthene	23.19	252	18466	0.390	ng/ul#	87
23) Benzo(a)pyrene	23.80	252	18188	0.399	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.55	276	19240	0.382	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.57	278	16159	0.384	ng/ul#	91
26) Benzo(g,h,i)perylene	27.36	276	15533	0.366	ng/ul	96

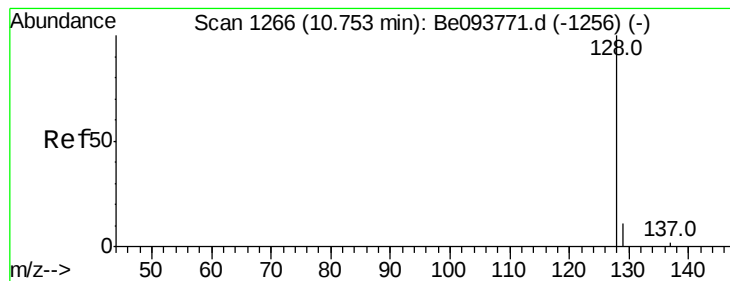
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.408 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093781.D

Acq: 11 Aug 2017 22:06

Instrument :

BNA_E

ClientSampleId :

SSTD0.402

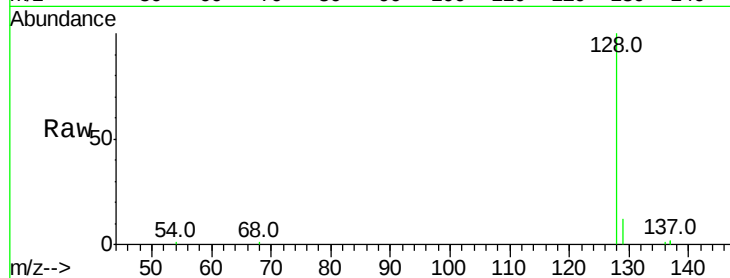
Tot Ion:128 Resp: 11820

Ion Ratio Lower Upper

128 100

129 11.7 11.3 16.9

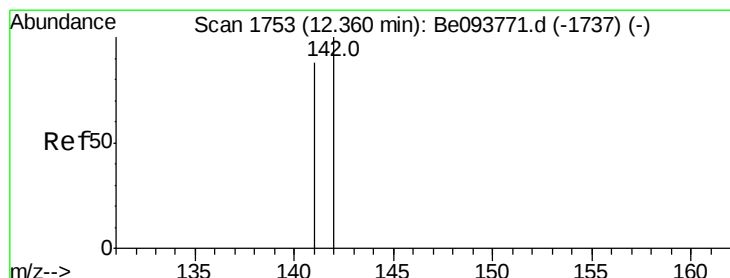
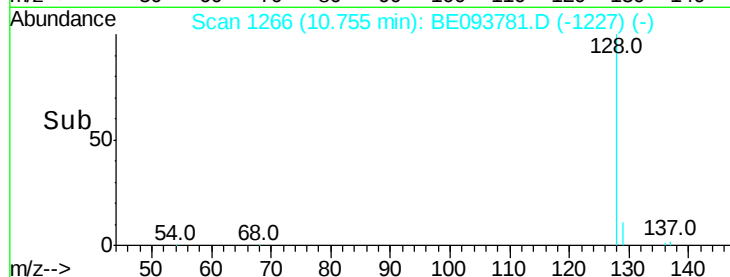
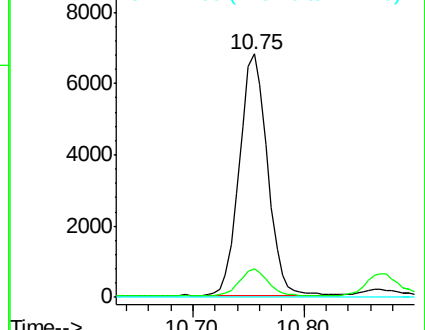
127 0.0 4.0 6.0#



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# 1751

Delta R.T. -0.00 min

Lab File: BE093781.D

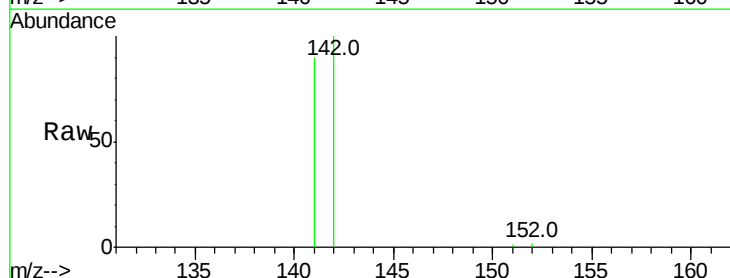
Acq: 11 Aug 2017 22:06

Tgt Ion:142 Resp: 8324

Ion Ratio Lower Upper

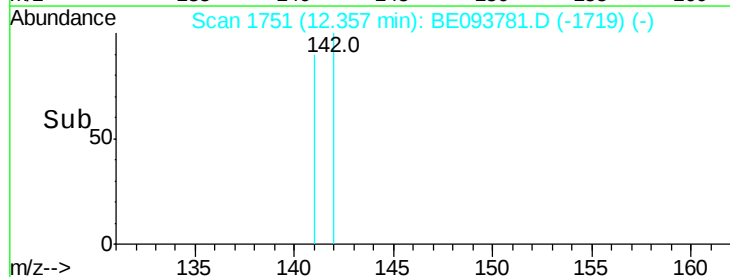
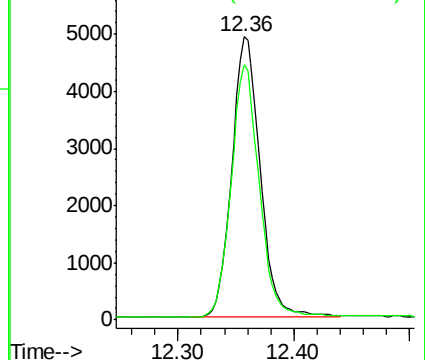
142 100

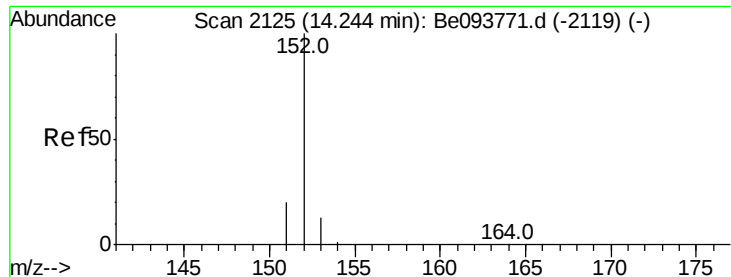
141 89.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.411 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE093781.D

Acq: 11 Aug 2017 22:06

Instrument :

BNA_E

ClientSampleId :

SSTD0.402

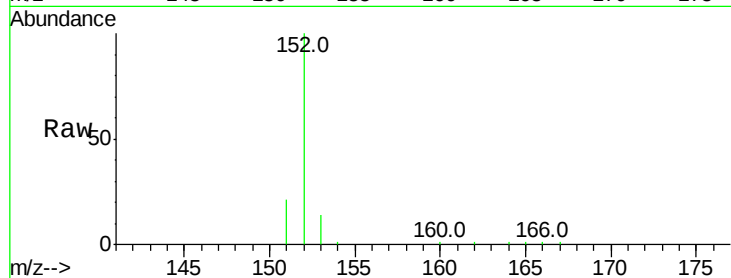
Tot Ion:152 Resp: 11933

Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

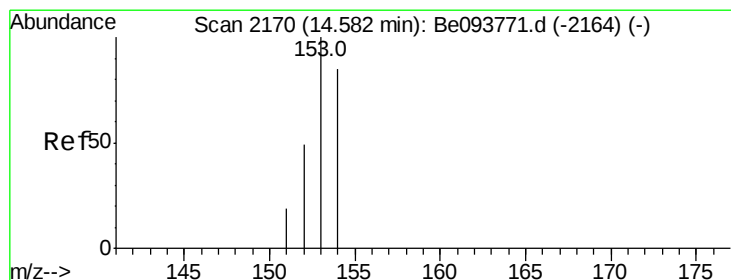
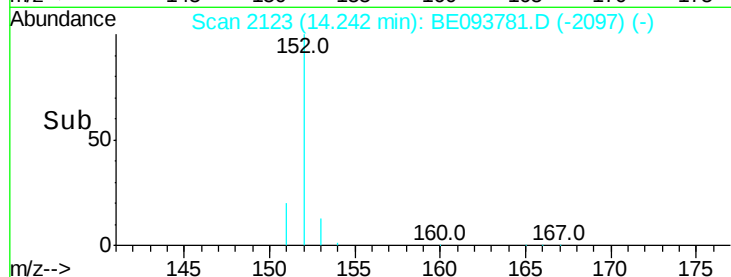
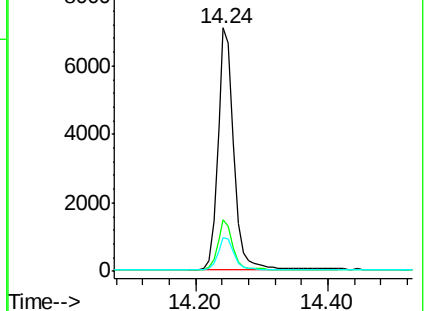
153 13.8 12.8 19.2



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: 0.397 ng/ul

RT: 14.59 min Scan# 2169

Delta R.T. 0.01 min

Lab File: BE093781.D

Acq: 11 Aug 2017 22:06

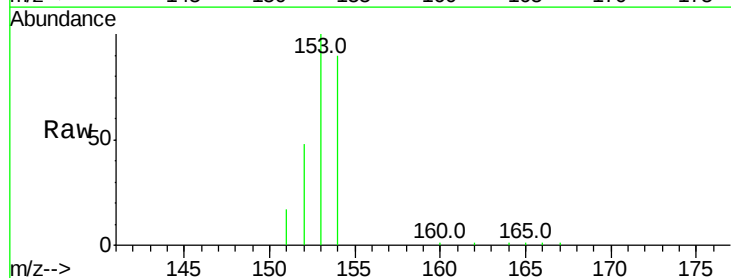
Tgt Ion:153 Resp: 9065

Ion Ratio Lower Upper

153 100

152 48.3 40.3 60.5

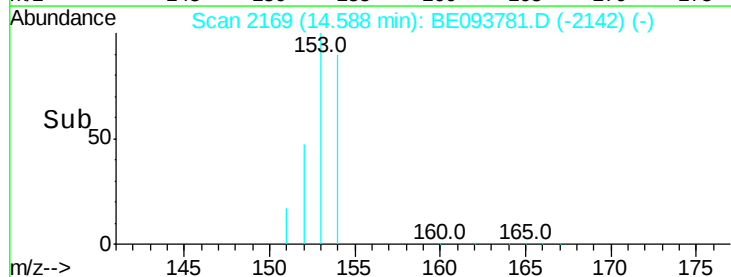
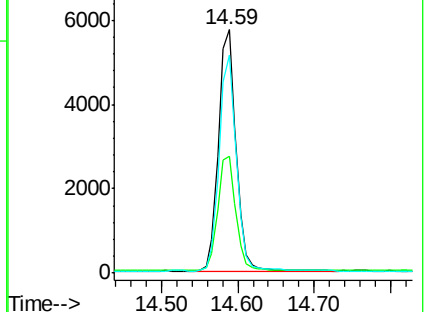
154 89.7 71.4 107.2

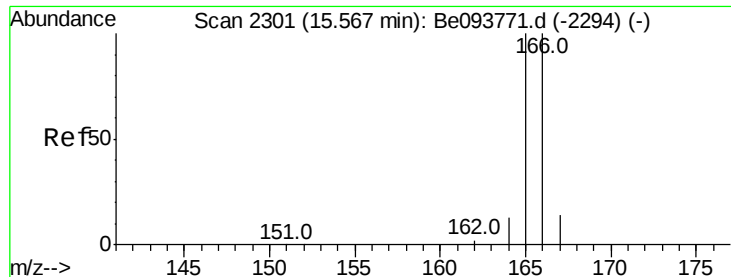


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.366 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. 0.01 min

Lab File: BE093781.D

Acq: 11 Aug 2017 22:06

Instrument :

BNA_E

ClientSampleId :

SSTD0.402

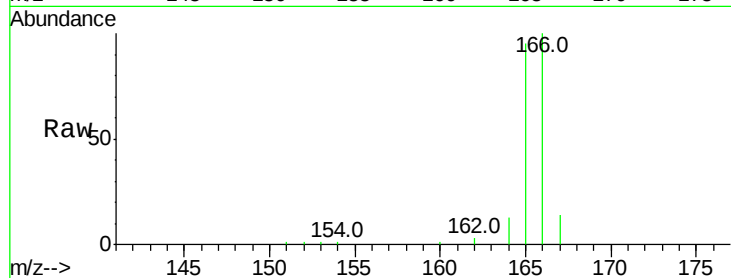
Tot Ion:166 Resp: 10587

Ion Ratio Lower Upper

166 100

165 95.5 73.4 110.2

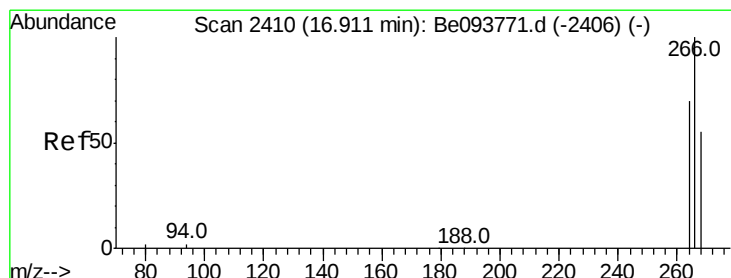
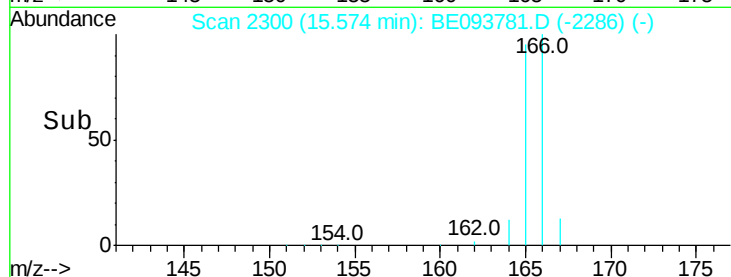
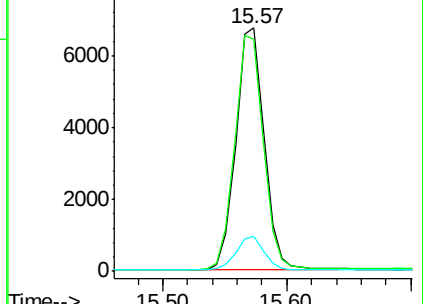
167 14.1 14.6 22.0#



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: 0.312 ng/ul

RT: 16.93 min Scan# 2409

Delta R.T. 0.02 min

Lab File: BE093781.D

Acq: 11 Aug 2017 22:06

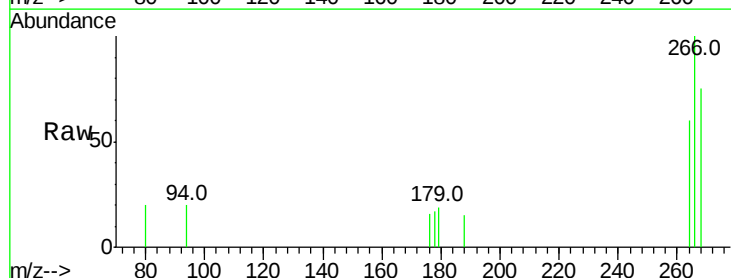
Tgt Ion:266 Resp: 830

Ion Ratio Lower Upper

266 100

264 64.0 47.9 71.9

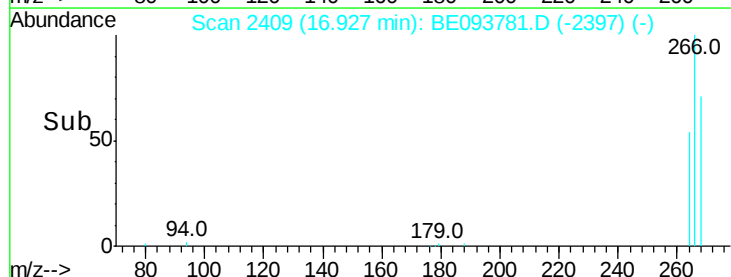
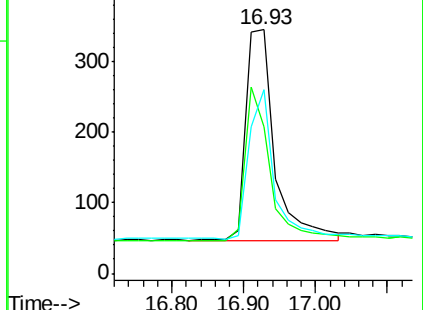
268 61.9 49.8 74.8

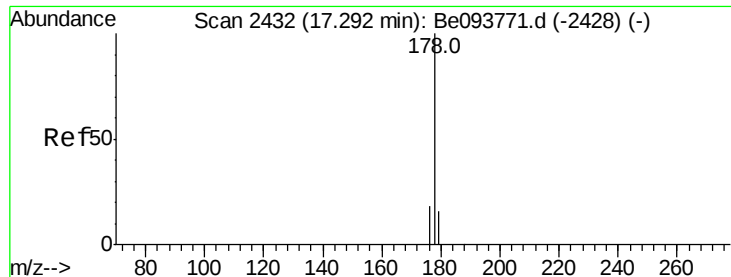


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.395 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BE093781.D

Acq: 11 Aug 2017 22:06

Instrument :

BNA_E

ClientSampleId :

SSTD0.402

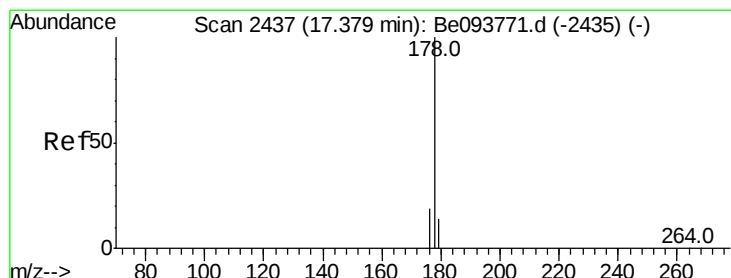
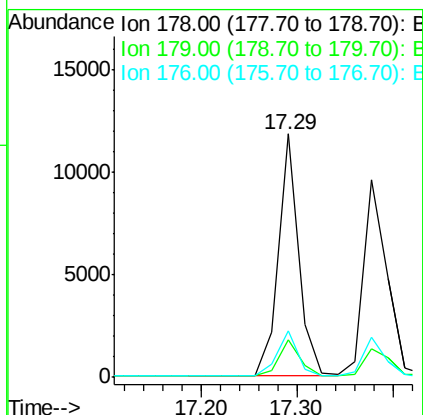
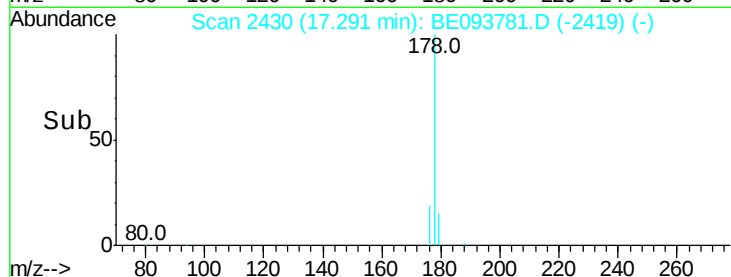
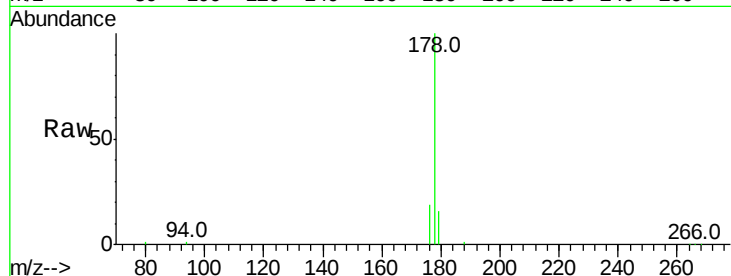
Tot Ion:178 Resp: 17359

Ion Ratio Lower Upper

178 100

179 15.5 18.4 27.6#

176 19.2 13.6 20.4



#13

Anthracene

Concen: 0.380 ng/ul

RT: 17.38 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BE093781.D

Acq: 11 Aug 2017 22:06

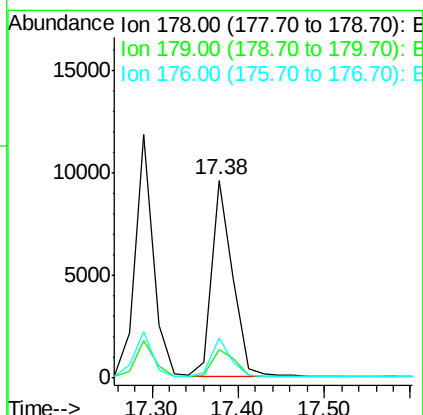
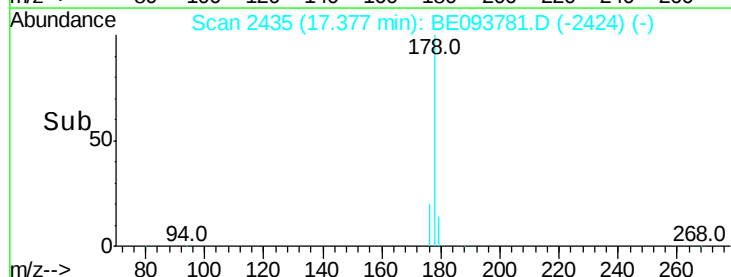
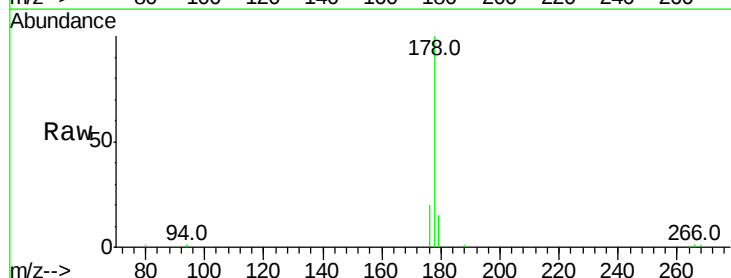
Tgt Ion:178 Resp: 16295

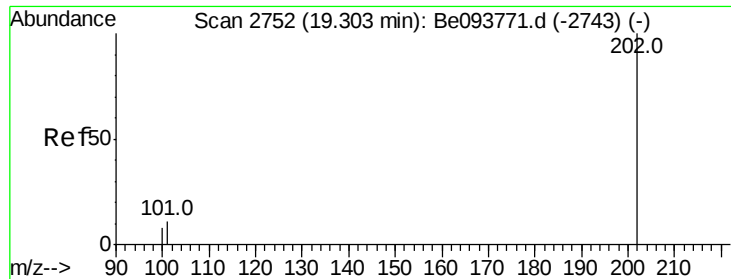
Ion Ratio Lower Upper

178 100

179 14.6 18.1 27.1#

176 20.3 14.7 22.1

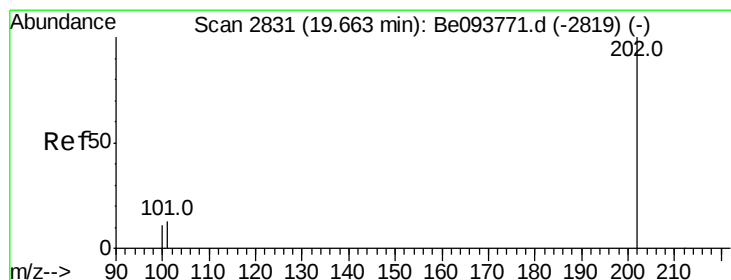
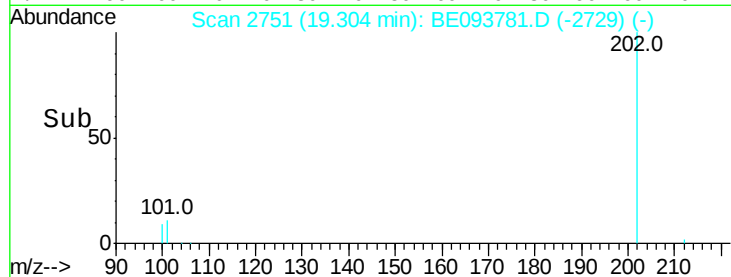
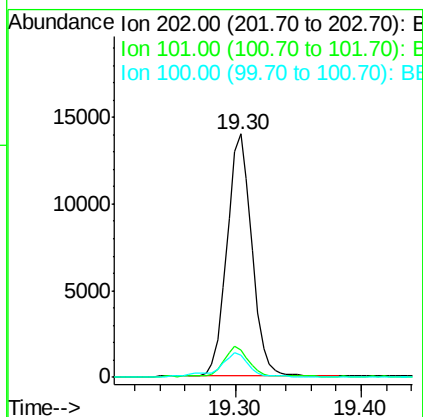
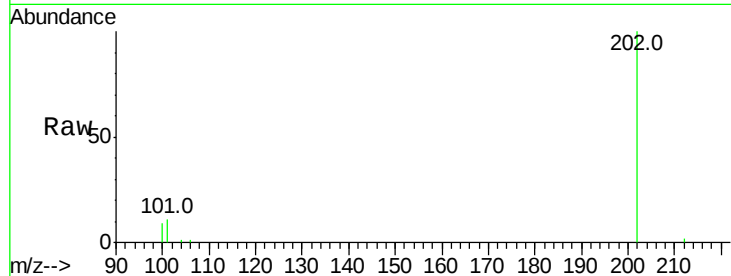




#15
Fluoranthene
 Concen: 0.347 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. 0.00 min
 Lab File: BE093781.D
 Acq: 11 Aug 2017 22:06

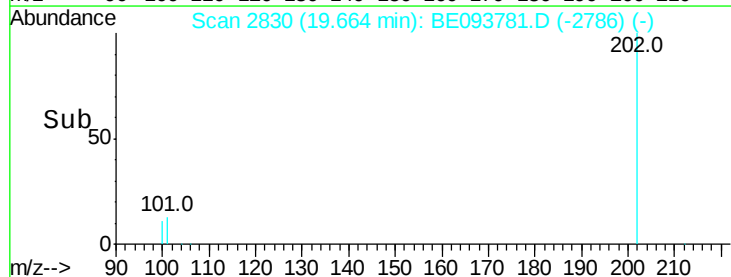
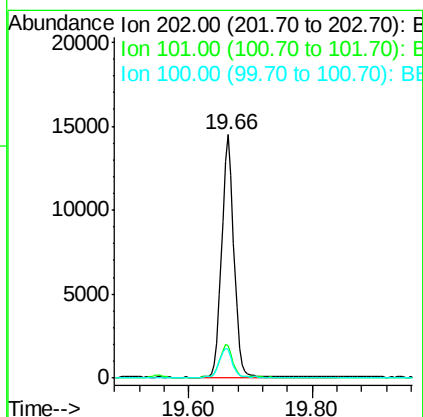
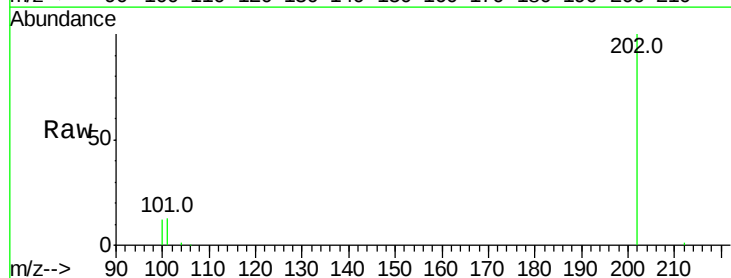
Instrument :
 BNA_E
 ClientSampleId :
 SST0.402

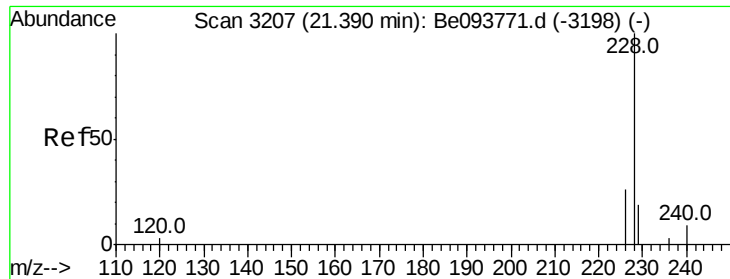
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
100	9.2	0.0	39.5



#17
Pyrene
 Concen: 0.407 ng/ul
 RT: 19.66 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BE093781.D
 Acq: 11 Aug 2017 22:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	18.2	27.4#
100	11.5	15.6	23.4#

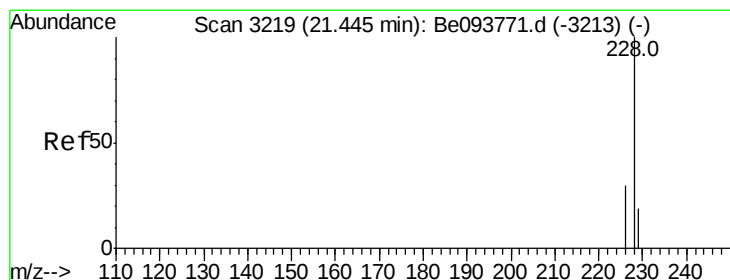
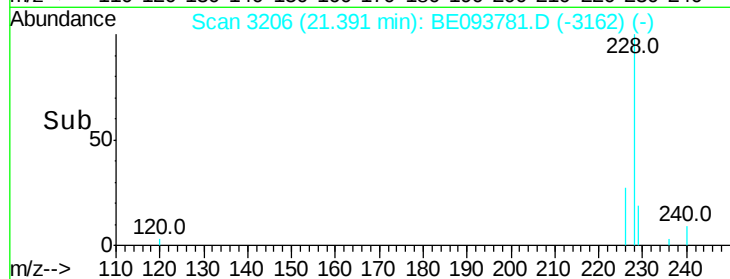
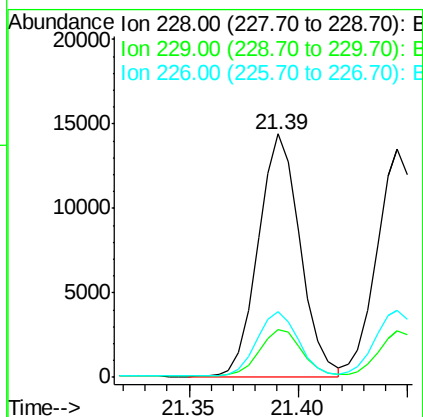
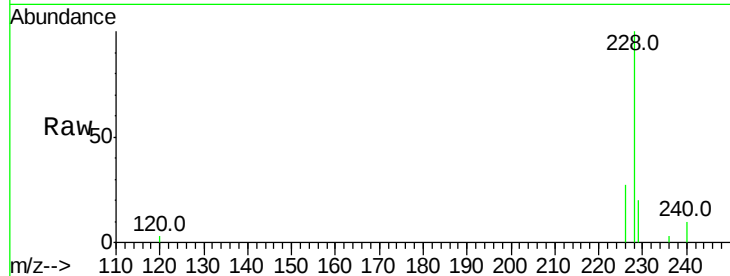




#18
Benzo(a)anthracene
Concen: 0.391 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. 0.00 min
Lab File: BE093781.D
Acq: 11 Aug 2017 22:06

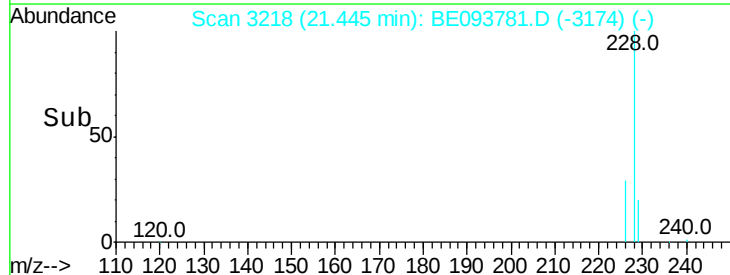
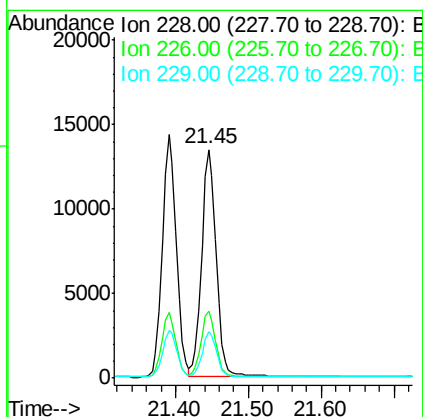
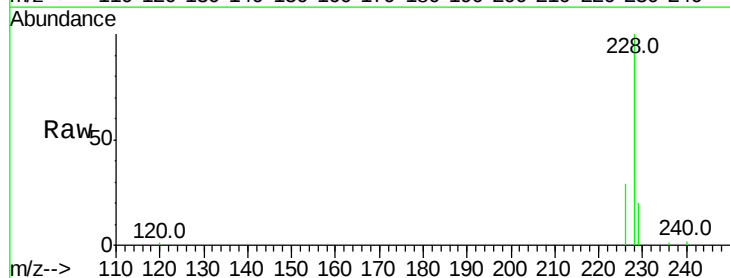
Instrument :
BNA_E
ClientSampleId :
SSTD0.402

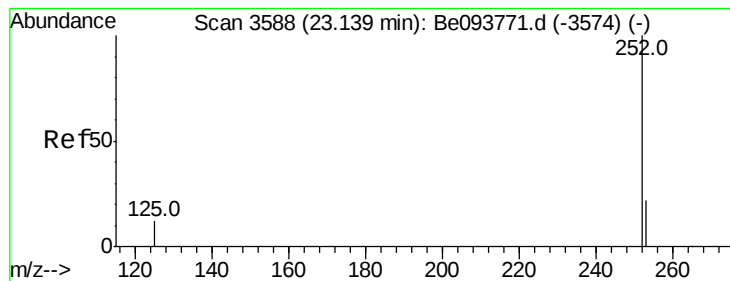
Tot Ion:228 Resp: 19040
Ion Ratio Lower Upper
228 100
229 19.9 22.8 34.2#
226 27.0 17.0 25.6#



#19
Chrysene
Concen: 0.402 ng/ul
RT: 21.45 min Scan# 3218
Delta R.T. 0.00 min
Lab File: BE093781.D
Acq: 11 Aug 2017 22:06

Tgt Ion:228 Resp: 18765
Ion Ratio Lower Upper
228 100
226 29.4 23.4 35.0
229 20.4 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.382 ng/u1

RT: 23.14 min Scan# 3587

Delta R.T. 0.00 min

Lab File: BE093781.D

Acq: 11 Aug 2017 22:06

Instrument :

BNA_E

ClientSampleId :

SSTD0.402

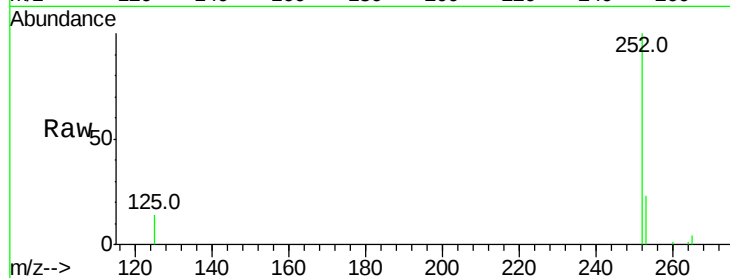
Tot Ion:252 Resp: 18334

Ion Ratio Lower Upper

252 100

253 23.3 0.0 64.2

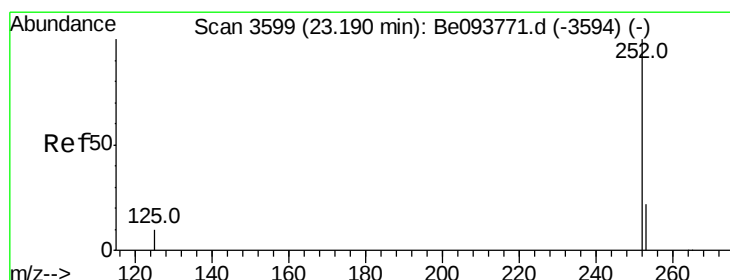
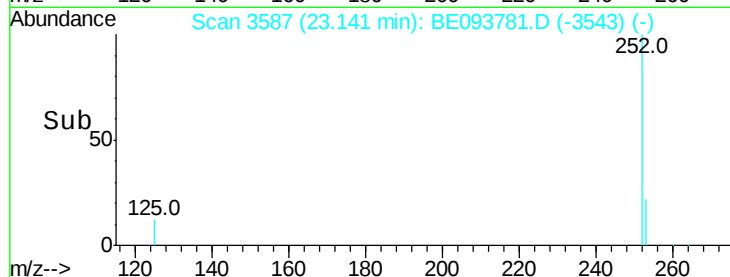
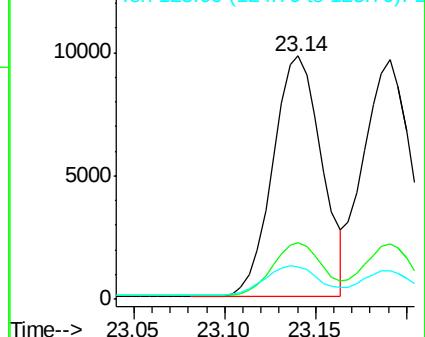
125 13.6 0.0 35.0



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: 0.390 ng/u1

RT: 23.19 min Scan# 3598

Delta R.T. 0.00 min

Lab File: BE093781.D

Acq: 11 Aug 2017 22:06

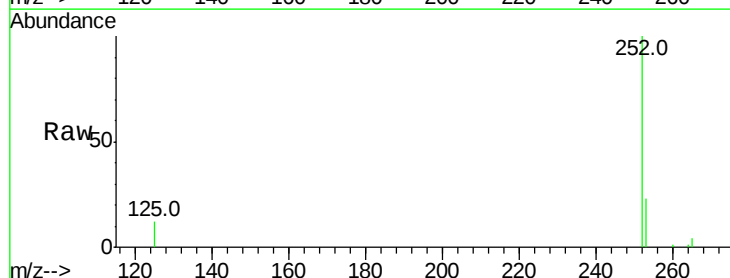
Tgt Ion:252 Resp: 18466

Ion Ratio Lower Upper

252 100

253 23.1 24.5 36.7#

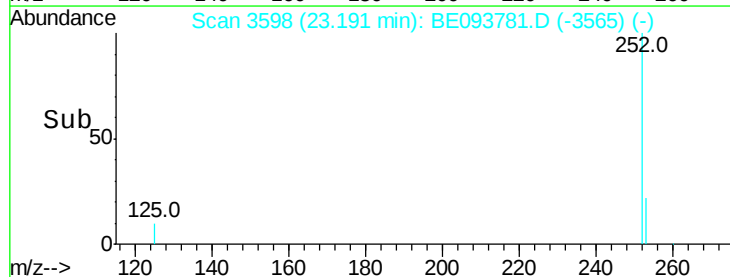
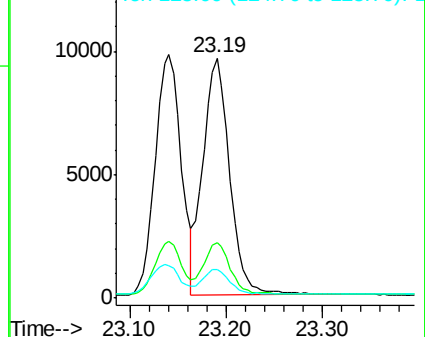
125 11.9 13.7 20.5#

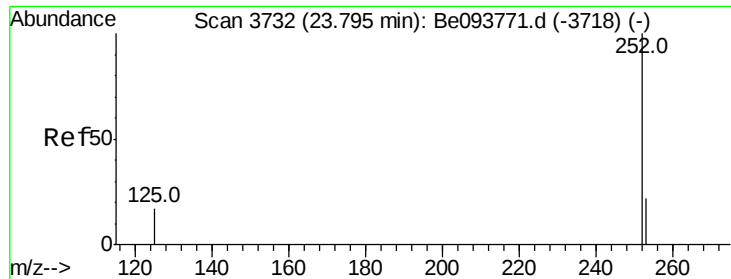


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.399 ng/ul

RT: 23.80 min Scan# 3731

Delta R.T. 0.00 min

Lab File: BE093781.D

Acq: 11 Aug 2017 22:06

Instrument :

BNA_E

ClientSampleId :

SSTD0.402

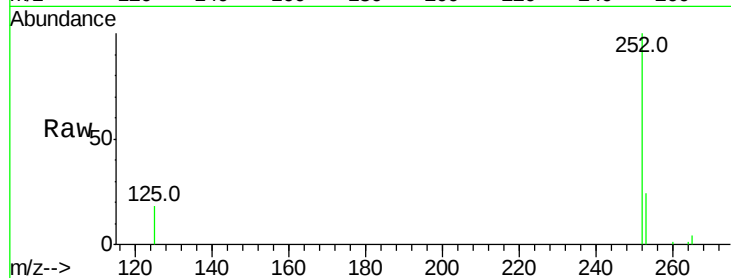
Tot Ion:252 Resp: 18188

Ion Ratio Lower Upper

252 100

253 24.4 28.5 42.7#

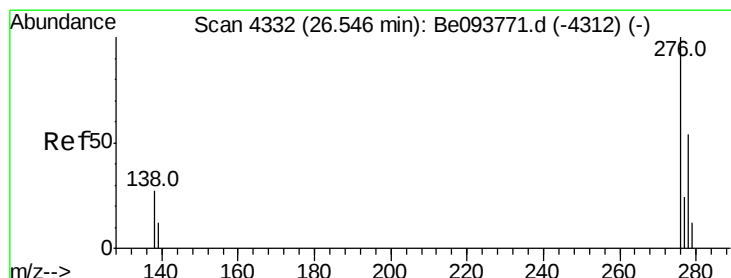
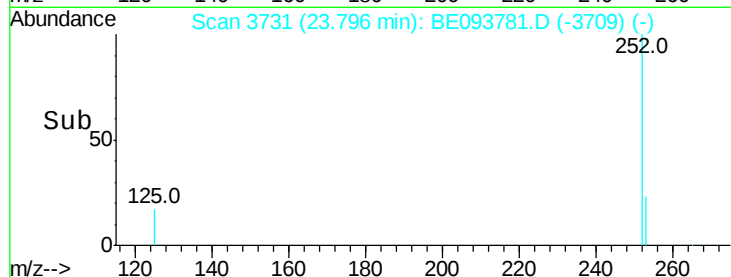
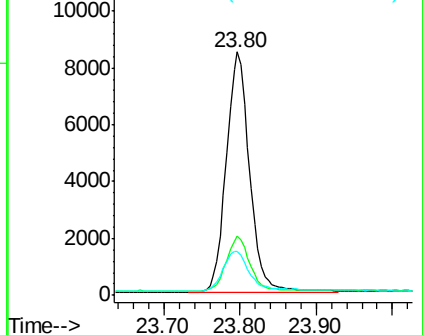
125 18.2 18.1 27.1



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: 0.382 ng/ul

RT: 26.55 min Scan# 4331

Delta R.T. -0.00 min

Lab File: BE093781.D

Acq: 11 Aug 2017 22:06

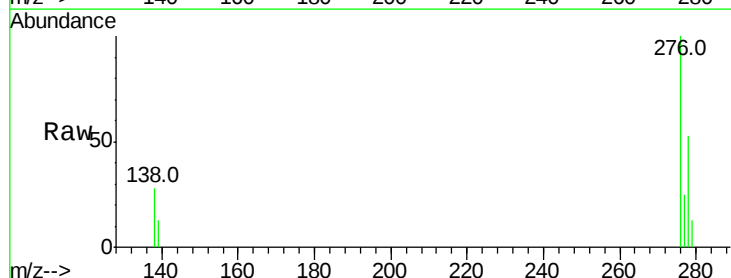
Tgt Ion:276 Resp: 19240

Ion Ratio Lower Upper

276 100

138 30.2 28.0 42.0

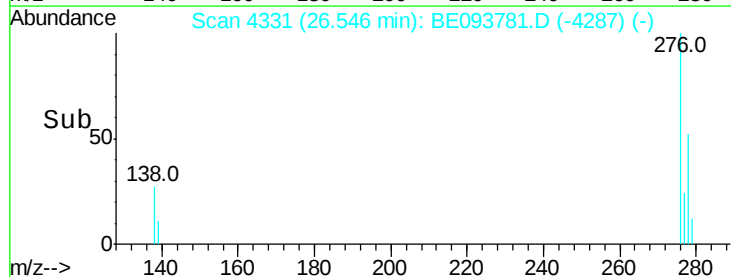
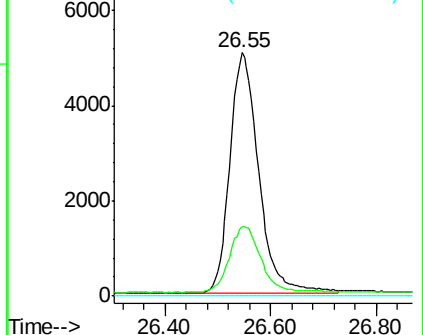
227 0.0 8.0 12.0#

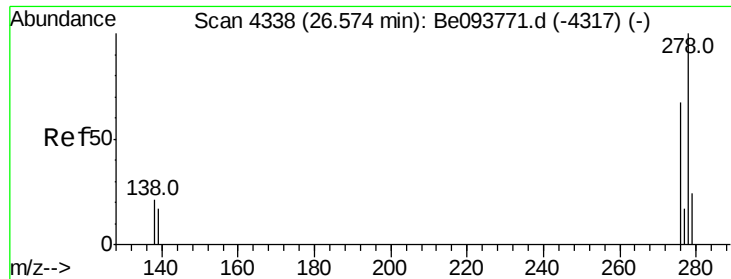


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.384 ng/ul

RT: 26.57 min Scan# 4336

Delta R.T. -0.01 min

Lab File: BE093781.D

Acq: 11 Aug 2017 22:06

Instrument :

BNA_E

ClientSampleId :

SSTD0.402

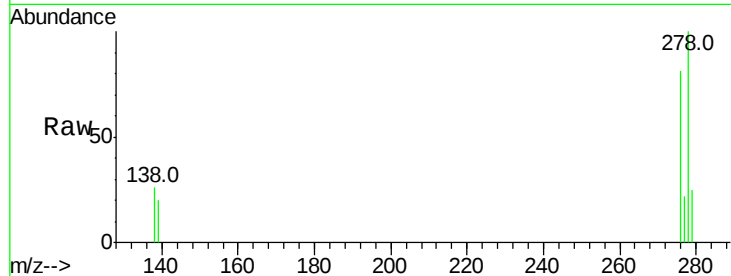
Tot Ion:278 Resp: 16159

Ion Ratio Lower Upper

278 100

139 20.0 17.4 26.0

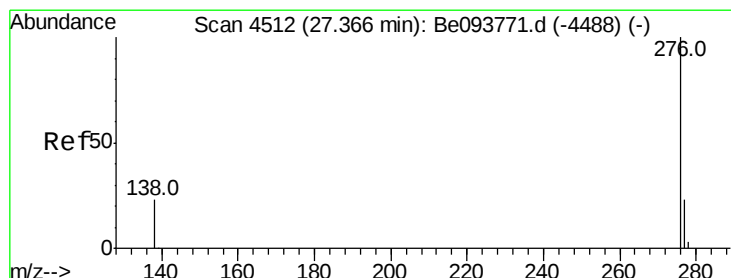
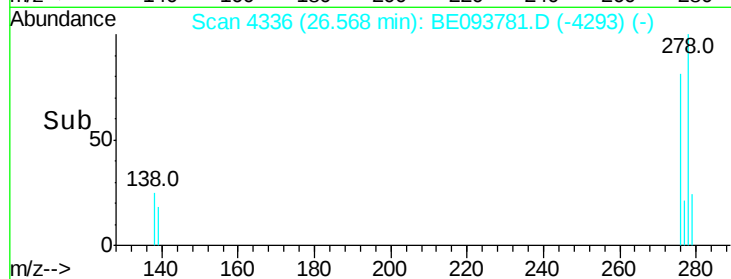
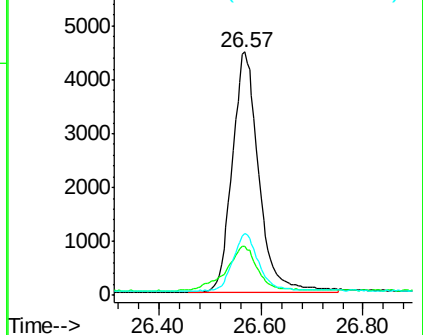
279 25.3 25.9 38.9#



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: 0.366 ng/ul

RT: 27.36 min Scan# 4510

Delta R.T. -0.01 min

Lab File: BE093781.D

Acq: 11 Aug 2017 22:06

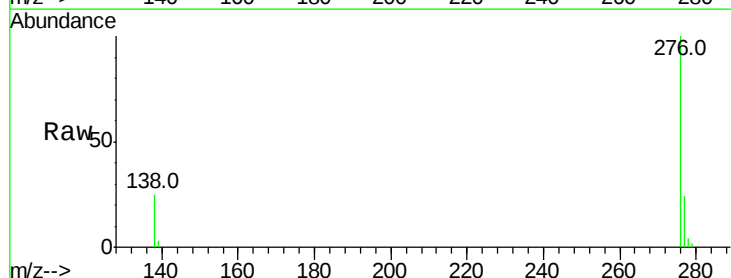
Tgt Ion:276 Resp: 15533

Ion Ratio Lower Upper

276 100

138 24.6 21.8 32.8

277 24.5 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

