

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE011918\
 Data File : BE095075.D
 Acq On : 19 Jan 2018 14:38
 Operator : SJ/JU
 Sample : SST00.804
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SST00.804

Quant Time: Jan 19 15:23:09 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 15:16:58 2018
 Response via : Initial Calibration

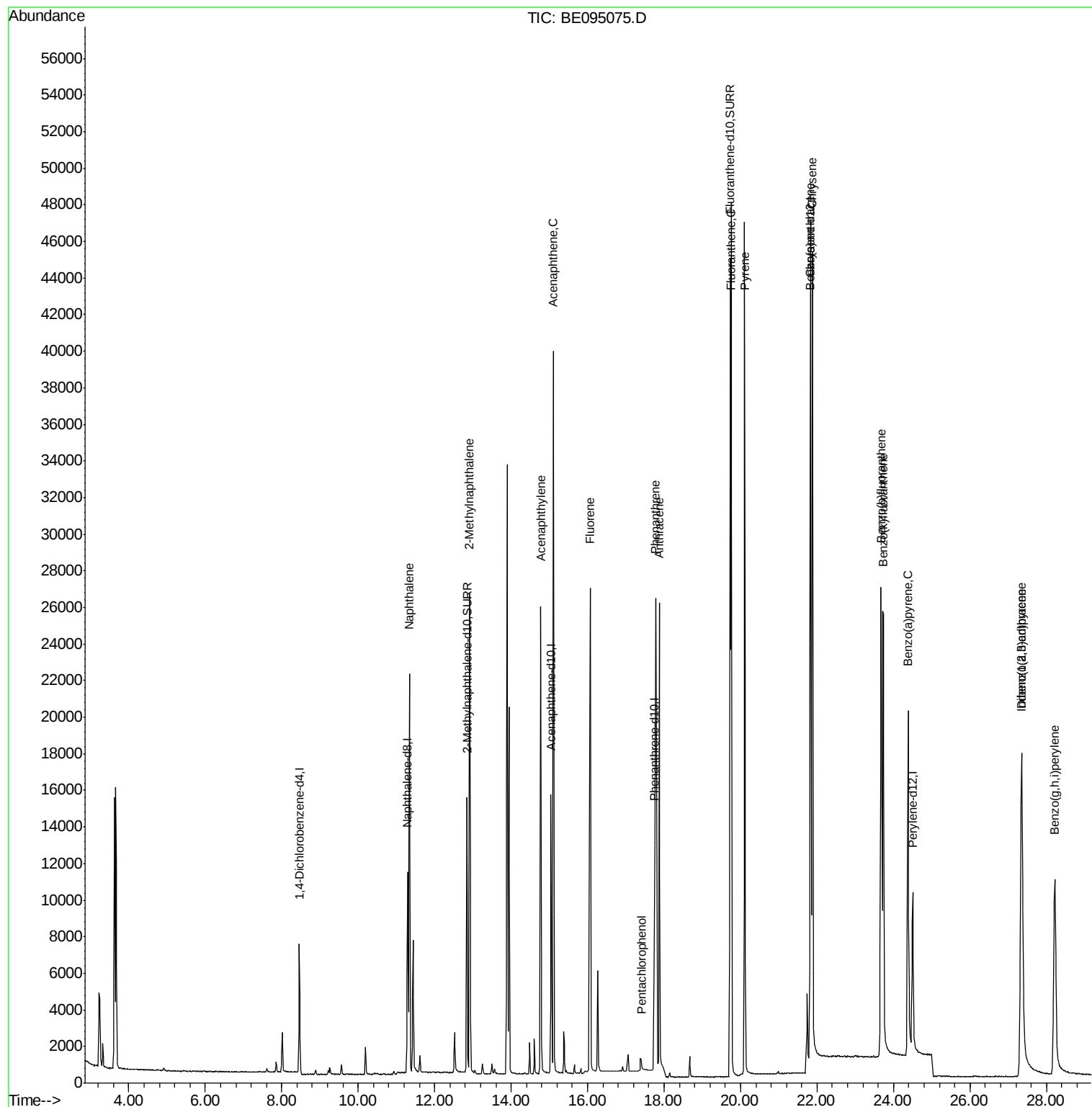
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4595	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	14857	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.05	164	8384	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	19557	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	19116	0.40	ng/ul	0.00
20) Perylene-d12	24.50	264	15002	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.85	152	19583	0.79	ng/ul	0.00
14) Fluoranthene-d10	19.73	212	48884	0.79	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	11.34	128	31276	0.793	ng/ul#	88
5) 2-Methylnaphthalene	12.91	142	22191	0.726	ng/ul	99
7) Acenaphthylene	14.77	152	29899	0.780	ng/ul	95
8) Acenaphthene	15.11	153	23138	0.786	ng/ul	93
9) Fluorene	16.07	166	25984	0.794	ng/ul	90
11) Pentachlorophenol	17.41	266	782	0.394	ng/ul	97
12) Phenanthrene	17.78	178	40710	0.790	ng/ul#	81
13) Anthracene	17.87	178	37249	0.763	ng/ul#	85
15) Fluoranthene	19.76	202	54213	0.808	ng/ul	84
17) Pyrene	20.11	202	53699	0.808	ng/ul#	81
18) Benzo(a)anthracene	21.82	228	41825	0.761	ng/ul#	85
19) Chrysene	21.88	228	46756	0.802	ng/ul	95
21) Benzo(b)fluoranthene	23.67	252	41949	0.801	ng/ul	84
22) Benzo(k)fluoranthene	23.73	252	37585	0.787	ng/ul#	85
23) Benzo(a)pyrene	24.38	252	35361	0.785	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	27.34	276	32754	0.663	ng/ul#	81
25) Dibenzo(a,h)anthracene	27.36	278	24291	0.607	ng/ul#	88
26) Benzo(g,h,i)perylene	28.22	276	31259	0.730	ng/ul	95

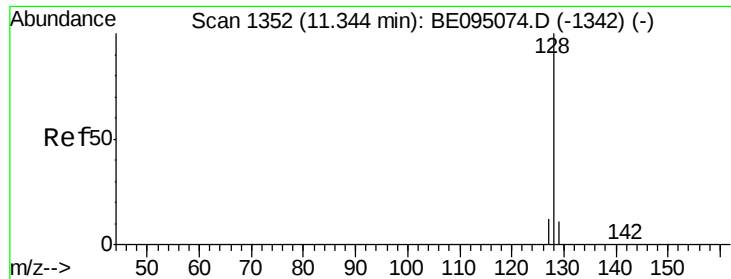
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.793 ng/ul

RT: 11.34 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BE095075.D

Acq: 19 Jan 2018 14:38

Instrument :

BNA_E

ClientSampleId :

SSTD0.804

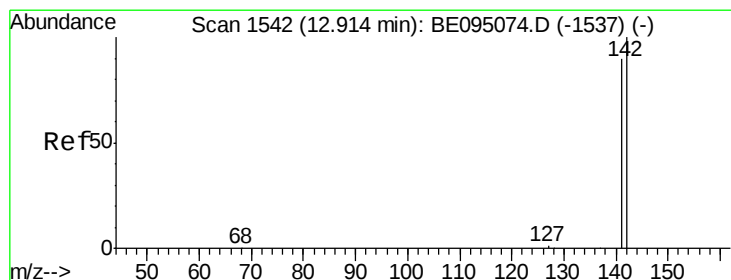
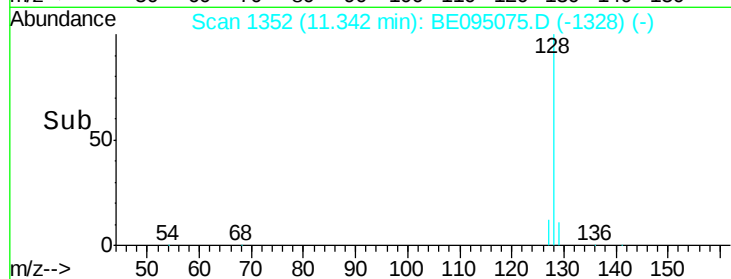
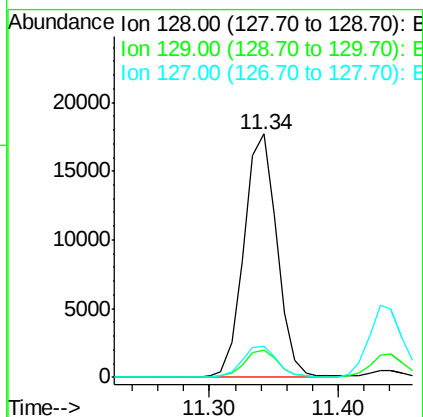
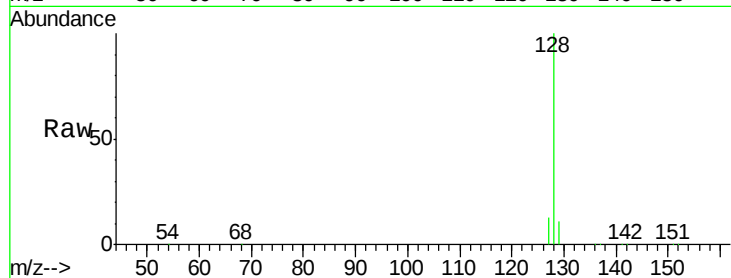
Tgt Ion:128 Resp: 31276

Ion Ratio Lower Upper

128 100

129 11.1 11.3 16.9#

127 12.7 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.726 ng/ul

RT: 12.91 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE095075.D

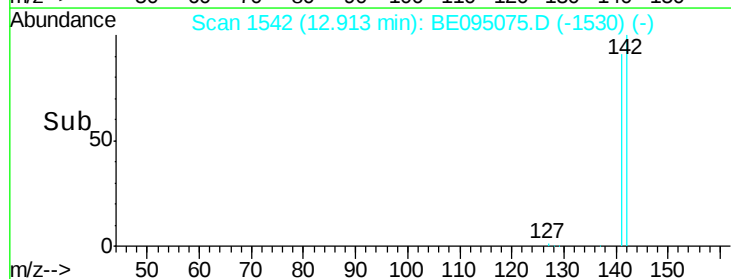
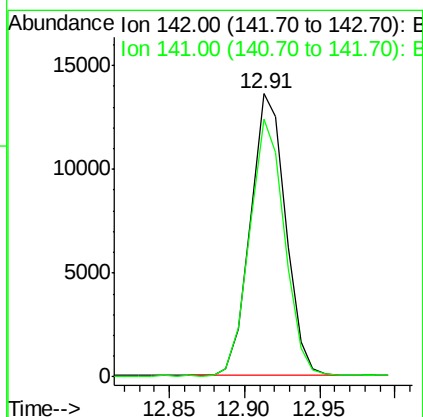
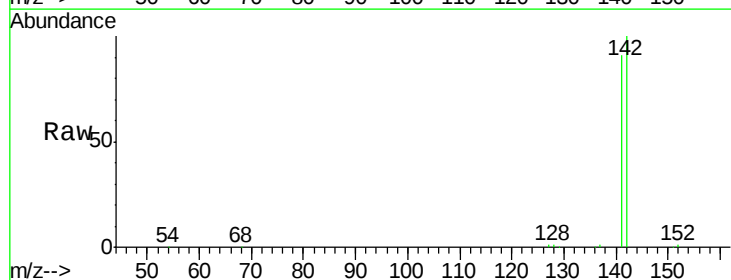
Acq: 19 Jan 2018 14:38

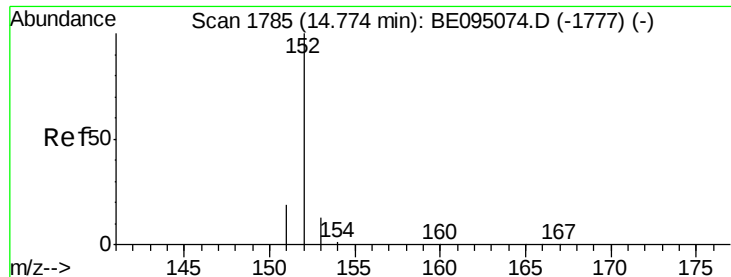
Tgt Ion:142 Resp: 22191

Ion Ratio Lower Upper

142 100

141 90.0 72.6 108.8





#7

Acenaphthylene

Concen: 0.780 ng/ul

RT: 14.77 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BE095075.D

Acq: 19 Jan 2018 14:38

Instrument :

BNA_E

ClientSampleId :

SSTD0.804

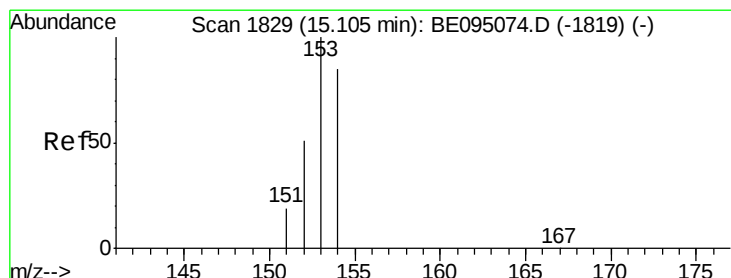
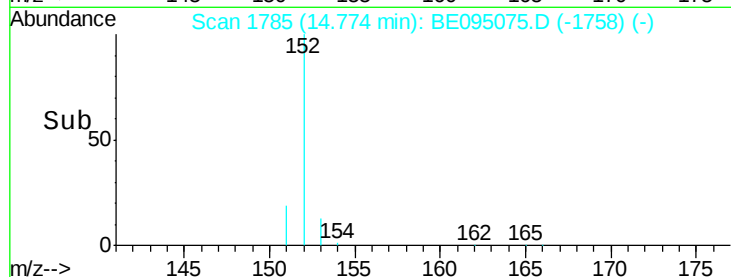
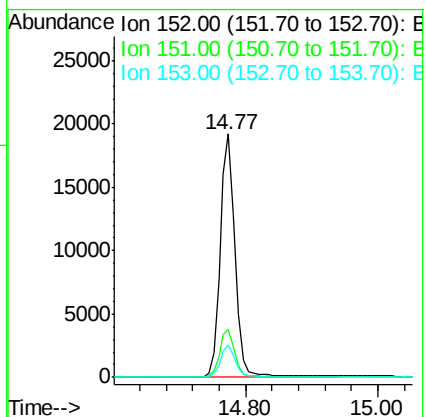
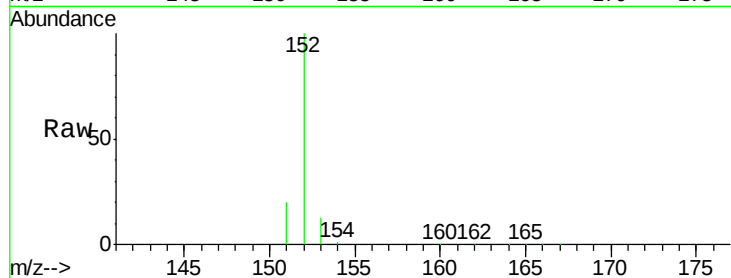
Tgt Ion:152 Resp: 29899

Ion Ratio Lower Upper

152 100

151 19.5 17.1 25.7

153 13.3 12.8 19.2



#8

Acenaphthene

Concen: 0.786 ng/ul

RT: 15.11 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BE095075.D

Acq: 19 Jan 2018 14:38

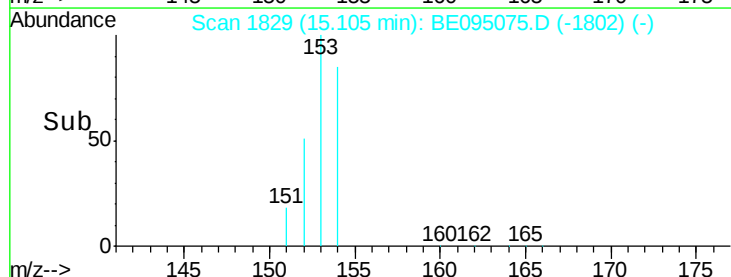
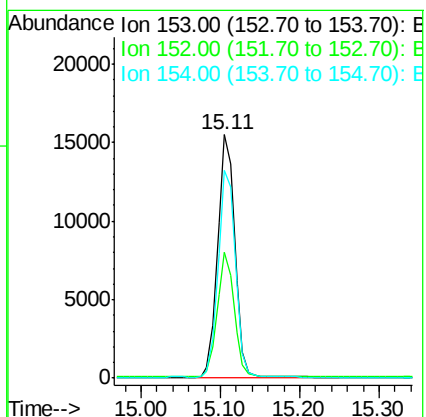
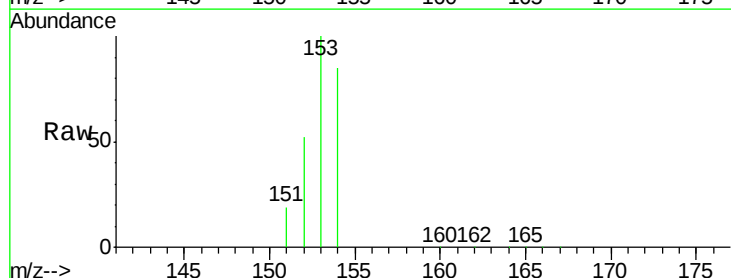
Tgt Ion:153 Resp: 23138

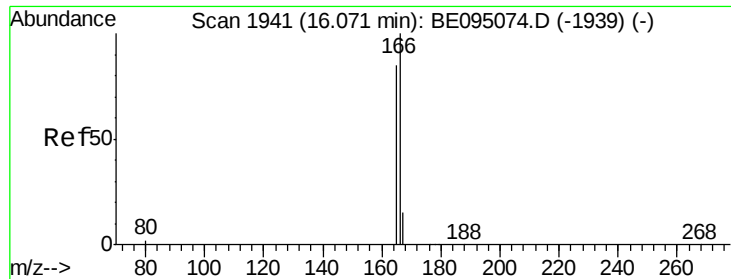
Ion Ratio Lower Upper

153 100

152 51.6 36.0 54.0

154 85.1 72.0 108.0





#9

Fluorene

Concen: 0.794 ng/ul

RT: 16.07 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BE095075.D

Acq: 19 Jan 2018 14:38

Instrument :

BNA_E

ClientSampleId :

SSTD0.804

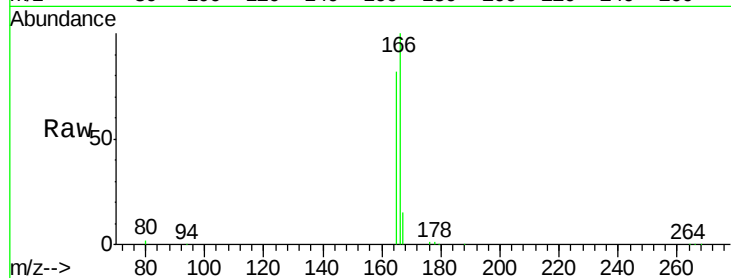
Tgt Ion:166 Resp: 25984

Ion Ratio Lower Upper

166 100

165 81.6 73.4 110.2

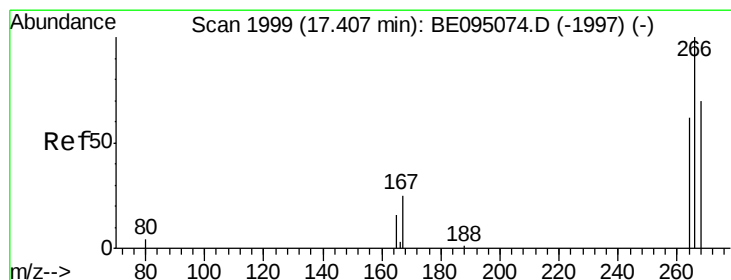
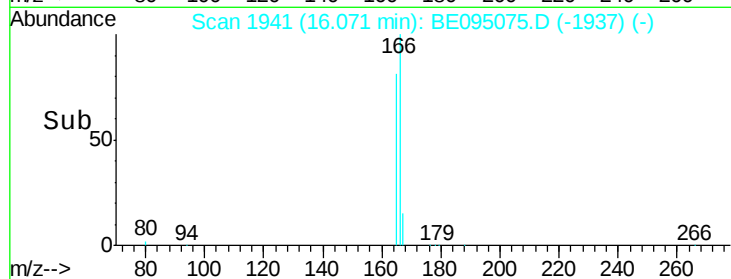
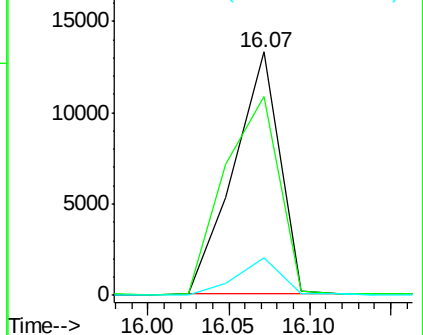
167 15.2 14.6 22.0



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: 0.394 ng/ul

RT: 17.41 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BE095075.D

Acq: 19 Jan 2018 14:38

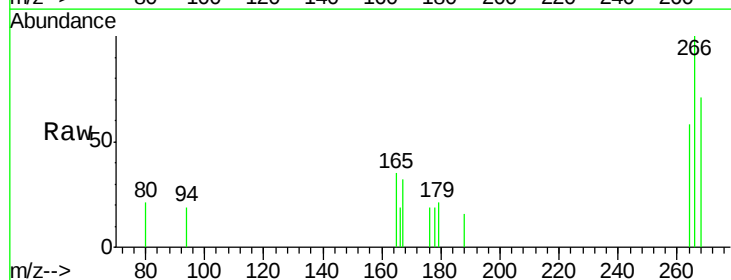
Tgt Ion:266 Resp: 782

Ion Ratio Lower Upper

266 100

264 61.5 47.9 71.9

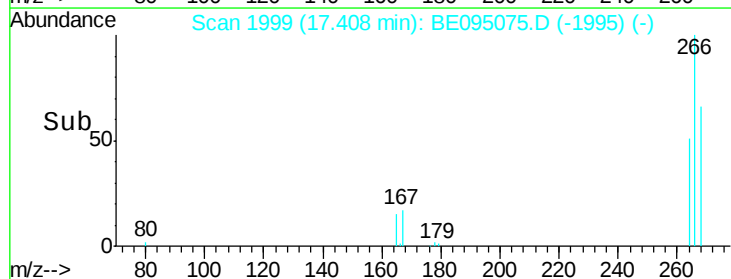
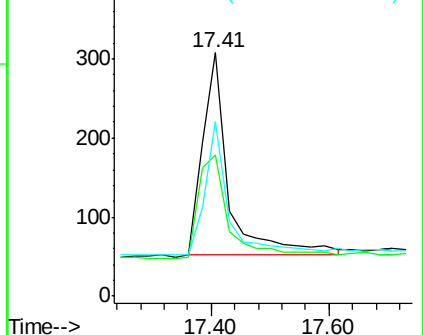
268 59.7 49.8 74.8

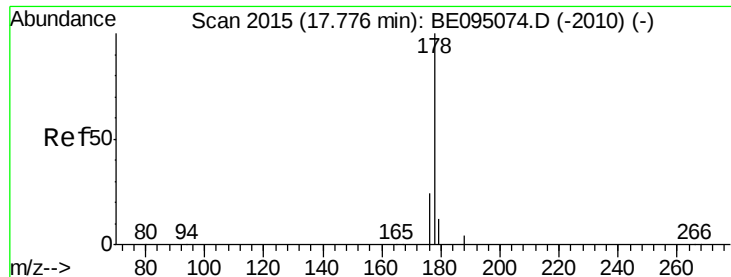


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.790 ng/ul

RT: 17.78 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE095075.D

Acq: 19 Jan 2018 14:38

Instrument :

BNA_E

ClientSampleId :

SSTD0.804

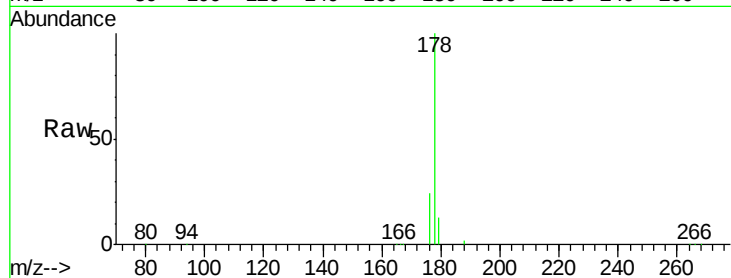
Tgt Ion:178 Resp: 40710

Ion Ratio Lower Upper

178 100

179 12.7 18.4 27.6#

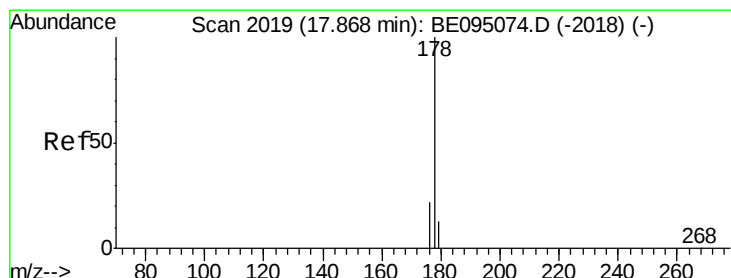
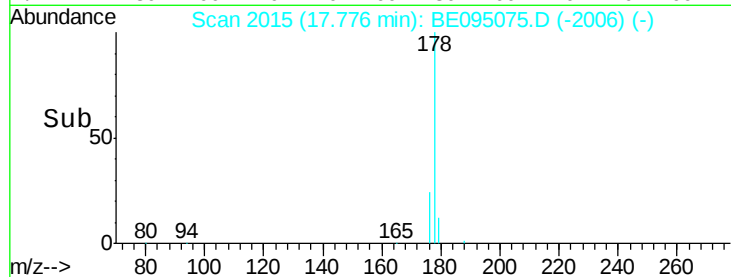
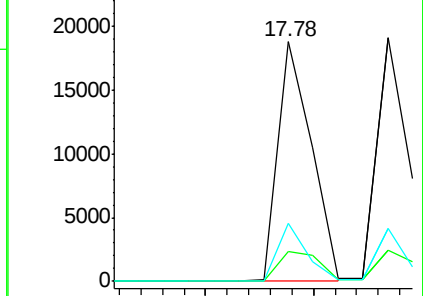
176 24.1 13.6 20.4#



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: 0.763 ng/ul

RT: 17.87 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BE095075.D

Acq: 19 Jan 2018 14:38

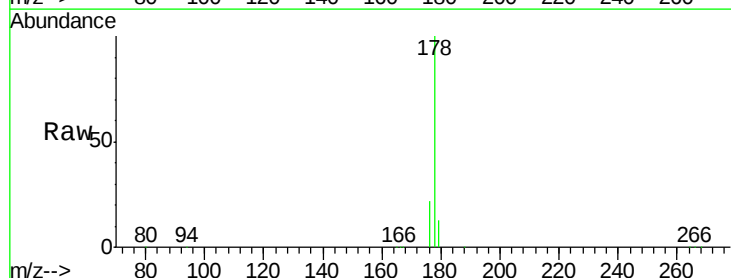
Tgt Ion:178 Resp: 37249

Ion Ratio Lower Upper

178 100

179 12.8 18.1 27.1#

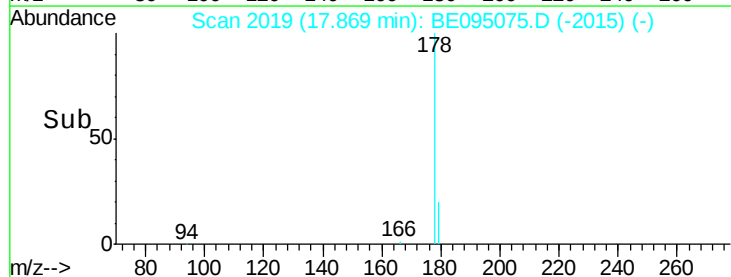
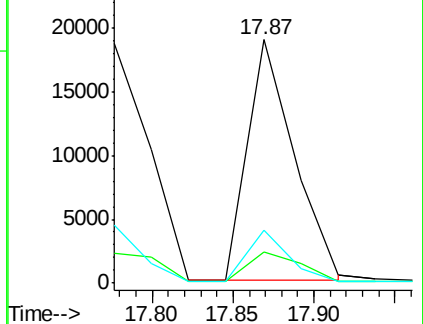
176 21.8 14.7 22.1

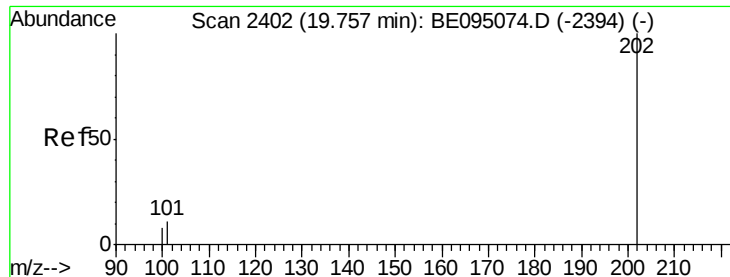


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.808 ng/ul

RT: 19.76 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BE095075.D

Acq: 19 Jan 2018 14:38

Instrument :

BNA_E

ClientSampleId :

SSTD0.804

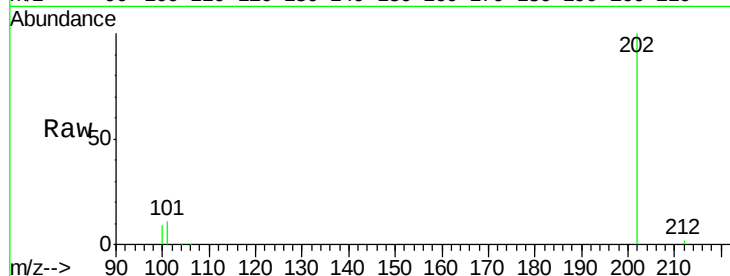
Tgt Ion:202 Resp: 54213

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.3

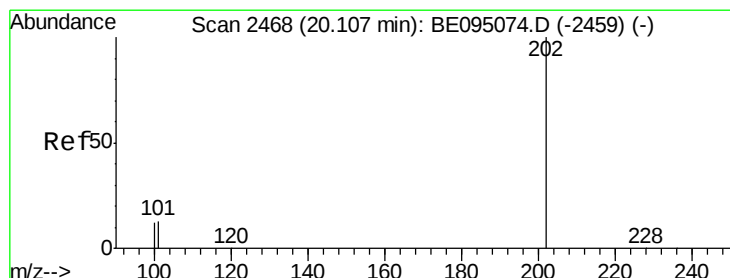
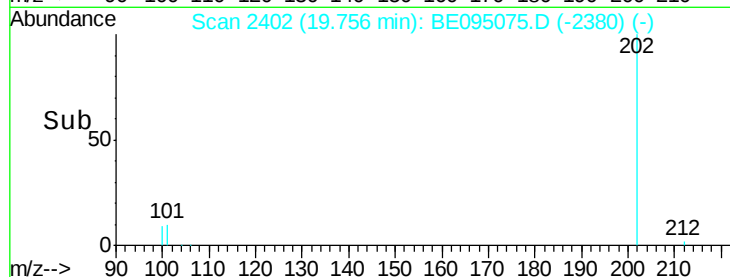
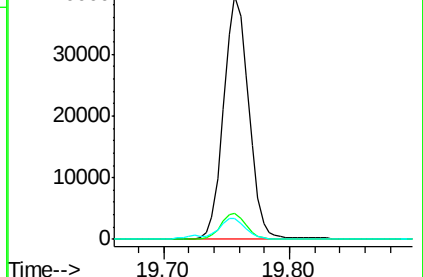
100 8.7 0.0 39.5



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: 0.808 ng/ul

RT: 20.11 min Scan# 2468

Delta R.T. 0.00 min

Lab File: BE095075.D

Acq: 19 Jan 2018 14:38

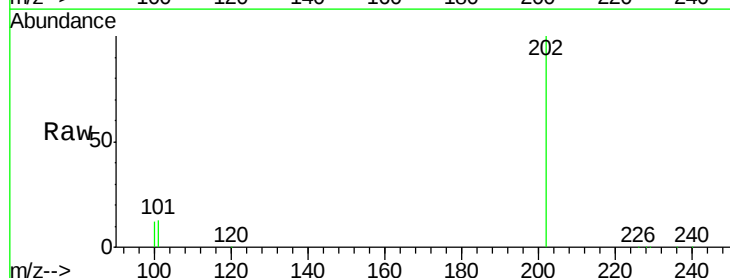
Tgt Ion:202 Resp: 53699

Ion Ratio Lower Upper

202 100

101 12.9 18.2 27.4#

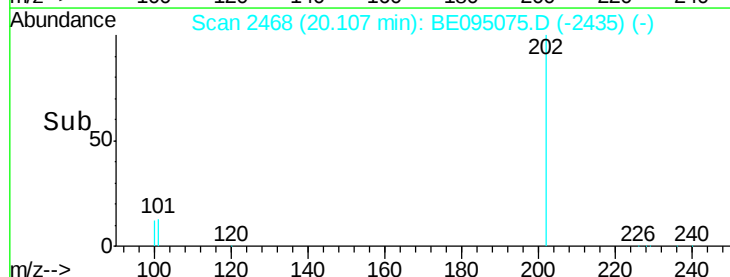
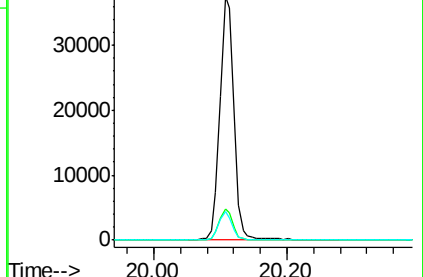
100 11.7 15.6 23.4#

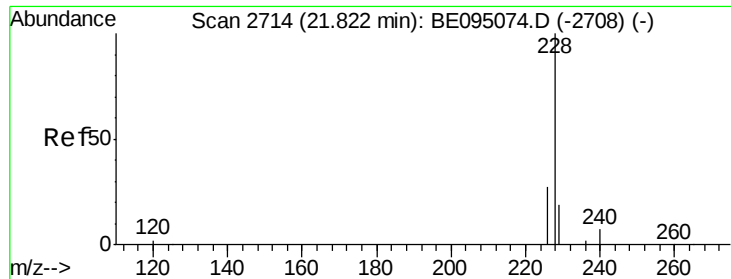


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.761 ng/ul

RT: 21.82 min Scan# 2714

Delta R.T. 0.00 min

Lab File: BE095075.D

Acq: 19 Jan 2018 14:38

Instrument :

BNA_E

ClientSampleId :

SSTD0.804

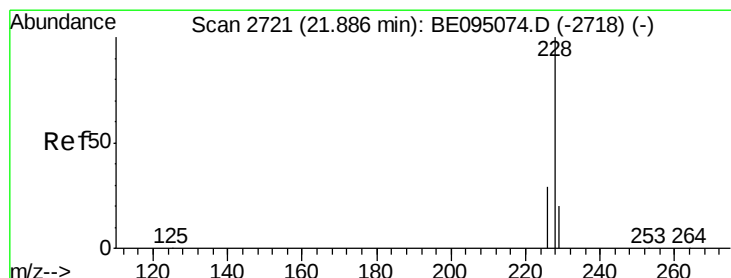
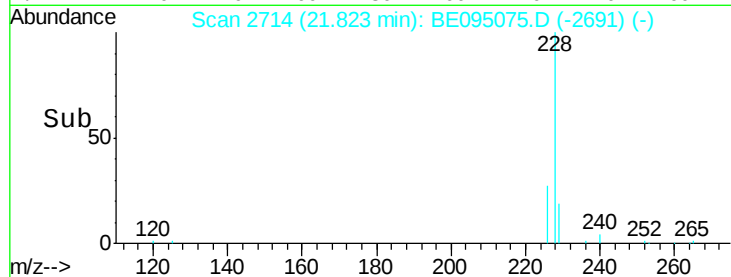
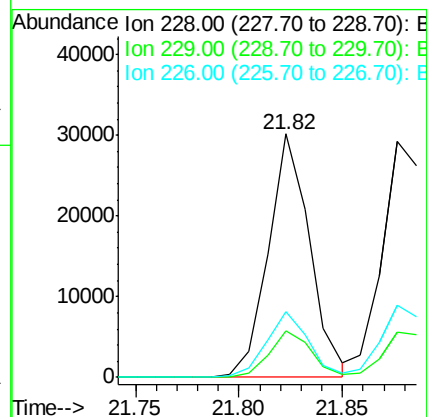
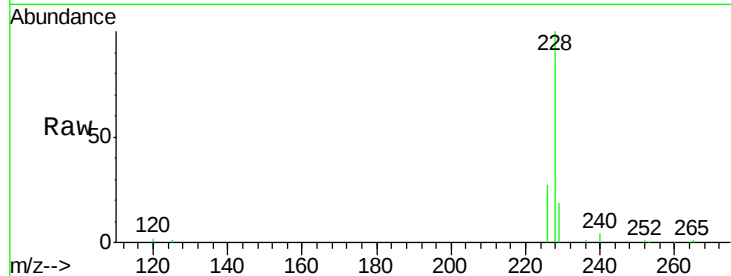
Tgt Ion:228 Resp: 41825

Ion Ratio Lower Upper

228 100

229 19.2 22.8 34.2#

226 27.1 17.0 25.6#



#19

Chrysene

Concen: 0.802 ng/ul

RT: 21.88 min Scan# 2720

Delta R.T. -0.01 min

Lab File: BE095075.D

Acq: 19 Jan 2018 14:38

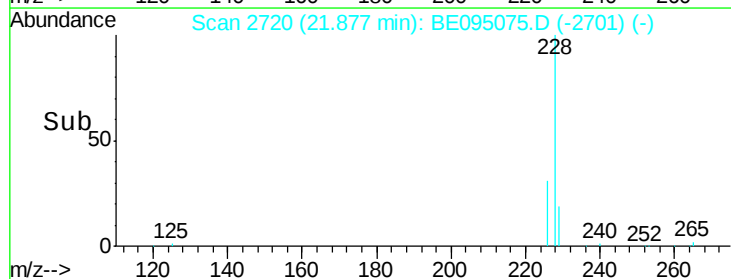
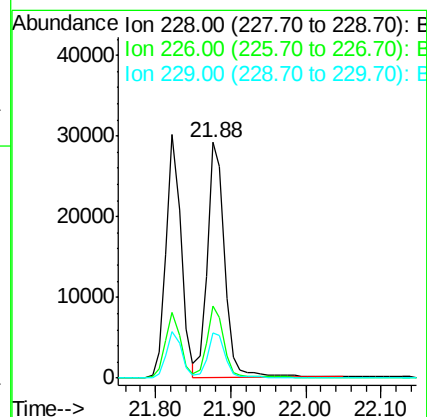
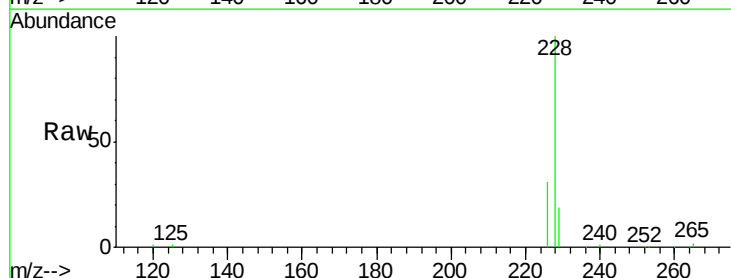
Tgt Ion:228 Resp: 46756

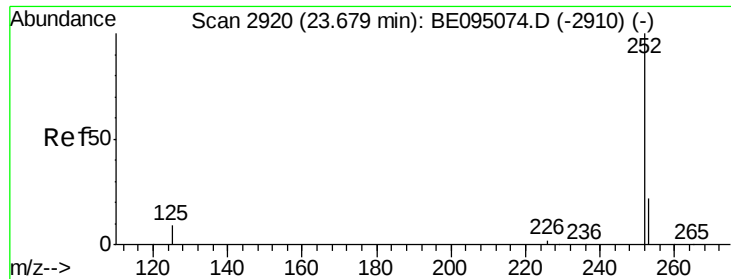
Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

229 19.1 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.801 ng/ul

RT: 23.67 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BE095075.D

Acq: 19 Jan 2018 14:38

Instrument :

BNA_E

ClientSampleId :

SSTD0.804

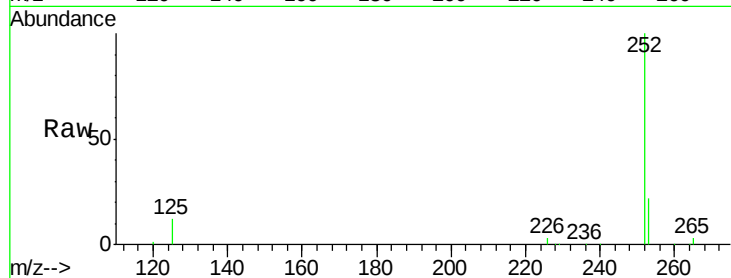
Tgt Ion:252 Resp: 41949

Ion Ratio Lower Upper

252 100

253 22.1 0.0 64.2

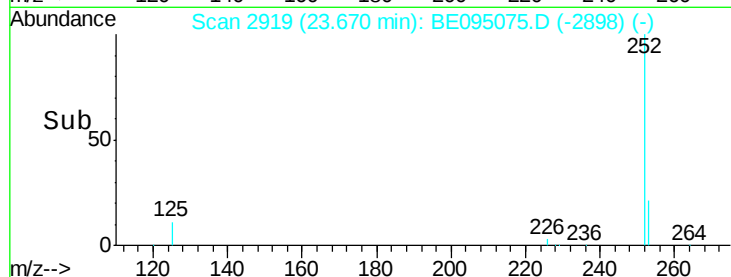
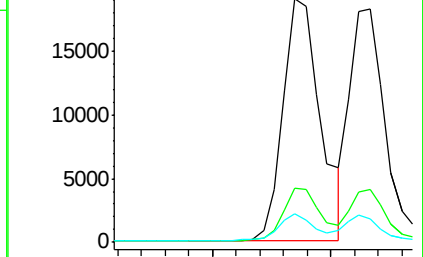
125 11.7 0.0 35.0



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: 0.787 ng/ul

RT: 23.73 min Scan# 2926

Delta R.T. 0.00 min

Lab File: BE095075.D

Acq: 19 Jan 2018 14:38

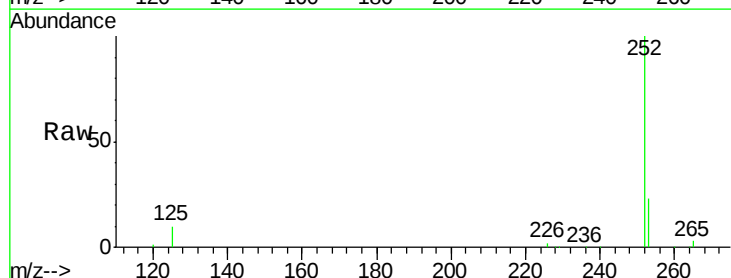
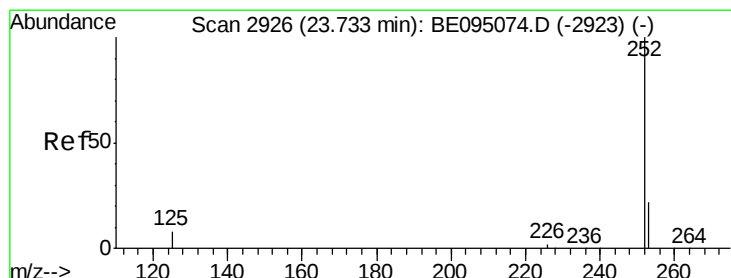
Tgt Ion:252 Resp: 37585

Ion Ratio Lower Upper

252 100

253 22.7 24.5 36.7#

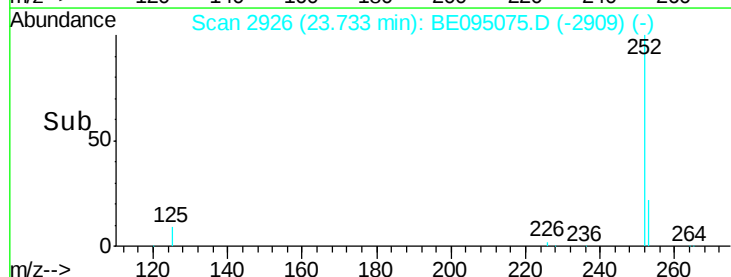
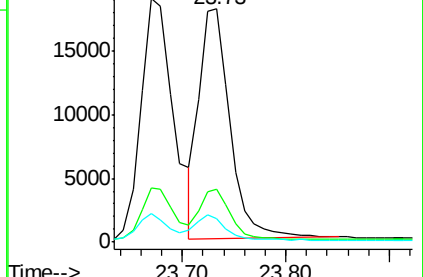
125 9.9 13.7 20.5#

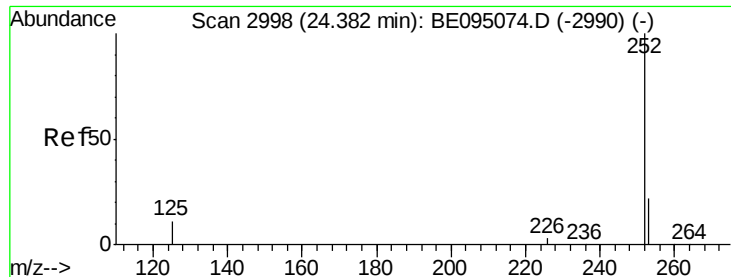


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.785 ng/u1

RT: 24.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BE095075.D

Acq: 19 Jan 2018 14:38

Instrument :

BNA_E

ClientSampleId :

SSTD0.804

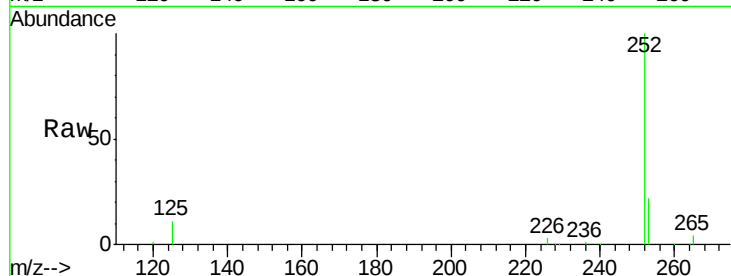
Tgt Ion:252 Resp: 35361

Ion Ratio Lower Upper

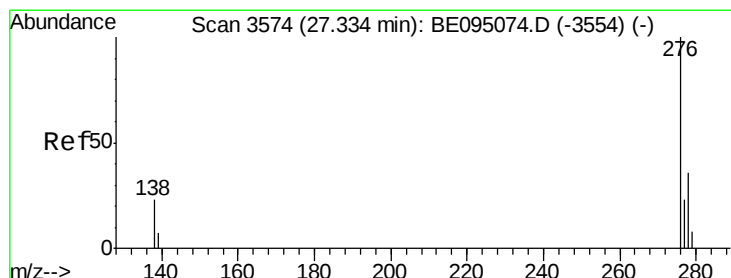
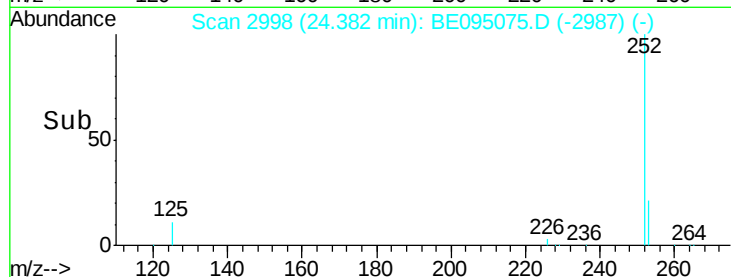
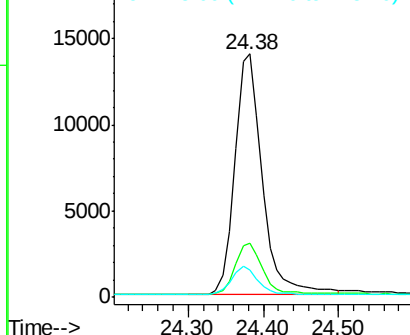
252 100

253 22.2 28.5 42.7#

125 11.4 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: 0.663 ng/u1

RT: 27.34 min Scan# 3575

Delta R.T. 0.00 min

Lab File: BE095075.D

Acq: 19 Jan 2018 14:38

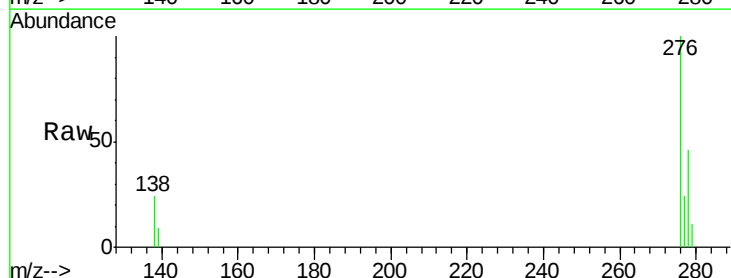
Tgt Ion:276 Resp: 32754

Ion Ratio Lower Upper

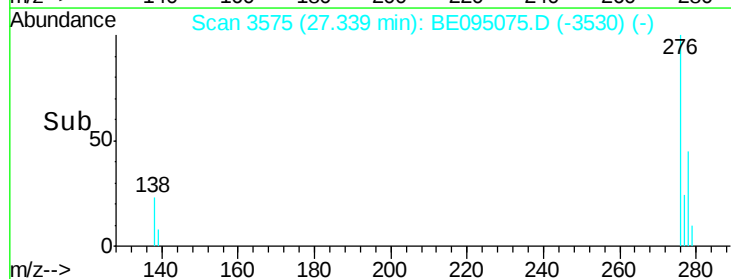
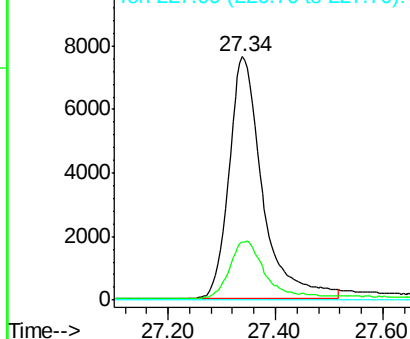
276 100

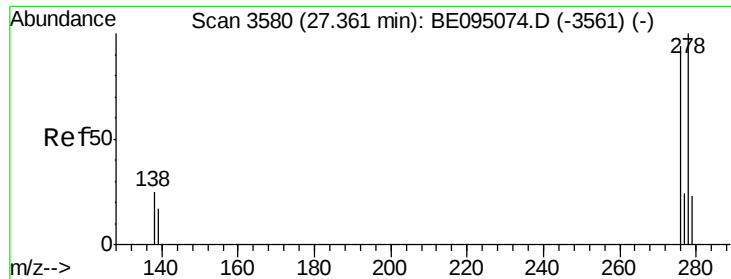
138 25.3 28.0 42.0#

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

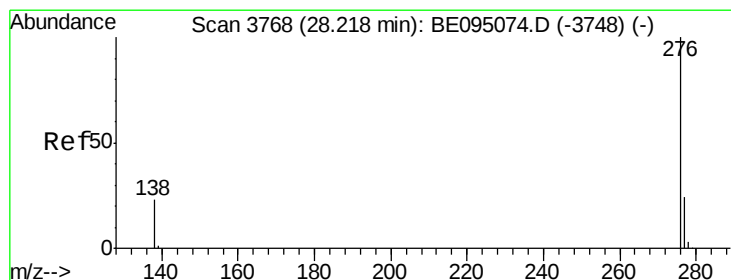
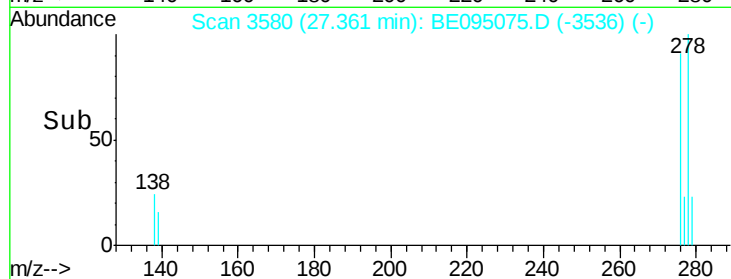
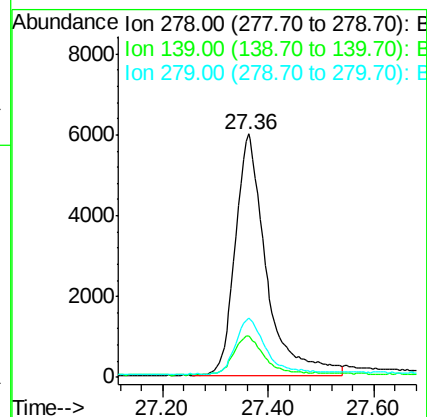
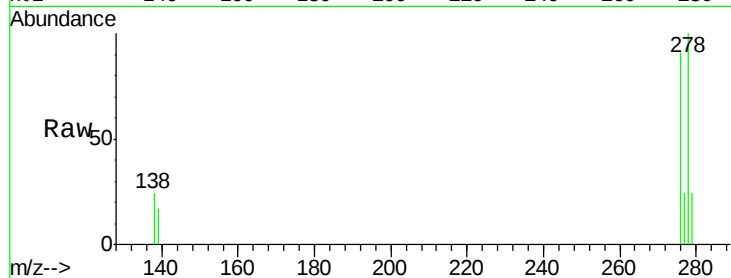




#25
Dibenzo(a,h)anthracene
Concen: 0.607 ng/ul
RT: 27.36 min Scan# 3580
Delta R.T. 0.00 min
Lab File: BE095075.D
Acq: 19 Jan 2018 14:38

Instrument :
BNA_E
ClientSampleId :
SSTD0.804

Tgt Ion: 278 Resp: 24291
Ion Ratio Lower Upper
278 100
139 17.1 17.4 26.0#
279 24.4 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.730 ng/ul
RT: 28.22 min Scan# 3768
Delta R.T. 0.00 min
Lab File: BE095075.D
Acq: 19 Jan 2018 14:38

Tgt Ion: 276 Resp: 31259
Ion Ratio Lower Upper
276 100
138 23.0 21.8 32.8
277 24.4 20.5 30.7

