

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE020518\
 Data File : BE095527.D
 Acq On : 6 Feb 2018 12:50
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.445

Quant Time: Feb 06 13:27:41 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 04:22:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1611	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	4314	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	2566	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	6364	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	6248	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	5845	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	2964	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	8030	0.33	ng/ul	0.00

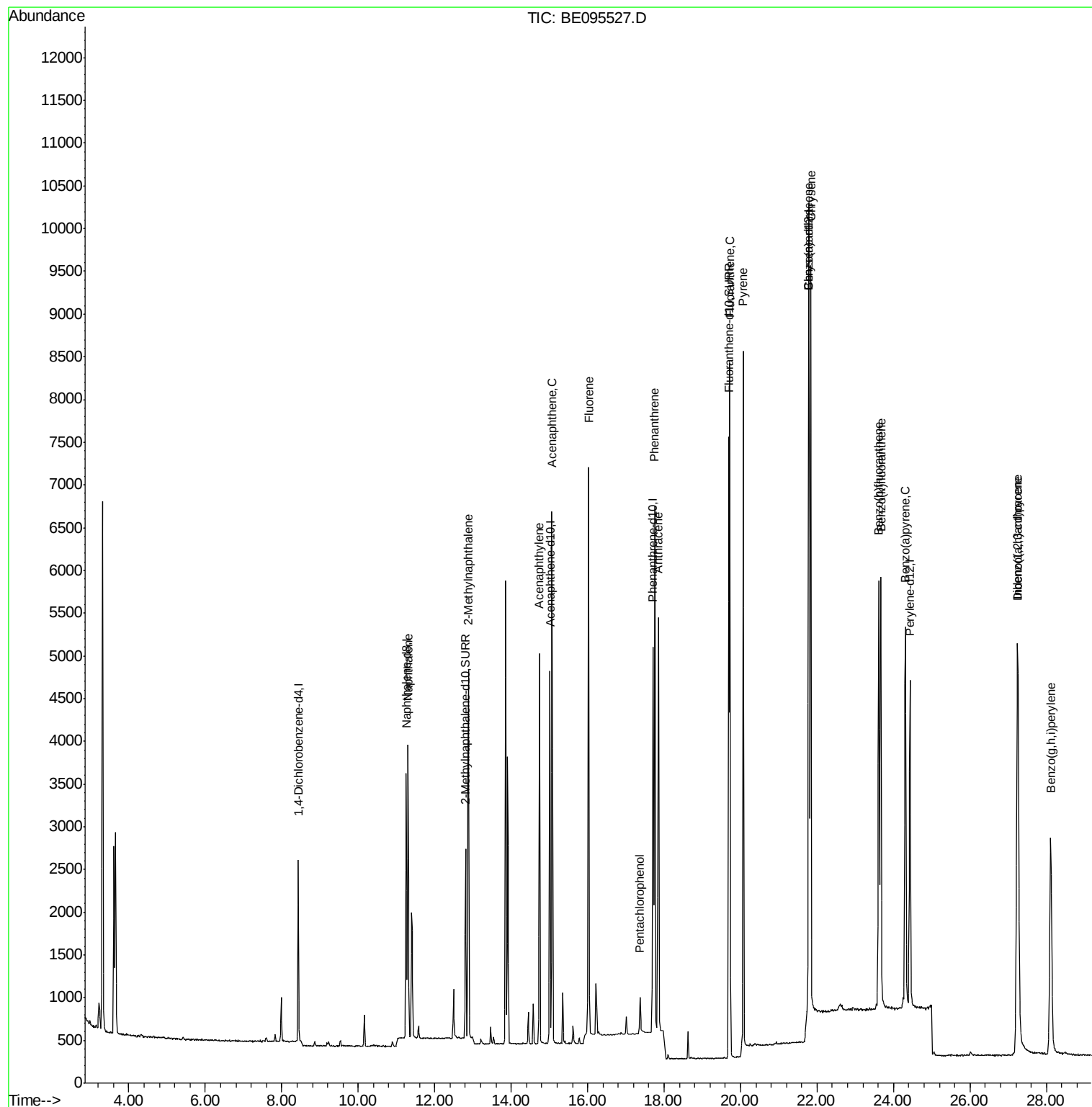
Target Compounds				Qvalue		
3) Naphthalene	11.30	128	4927	0.408	ng/ul#	89
5) 2-Methylnaphthalene	12.88	142	3410	0.423	ng/ul	100
7) Acenaphthylene	14.74	152	5172	0.419	ng/ul	98
8) Acenaphthene	15.07	153	3827	0.400	ng/ul	91
9) Fluorene	16.03	166	4626	0.468	ng/ul#	90
11) Pentachlorophenol	17.36	266	330	0.268	ng/ul	91
12) Phenanthrene	17.75	178	7556	0.353	ng/ul#	92
13) Anthracene	17.85	178	6702	0.342	ng/ul	94
15) Fluoranthene	19.72	202	9172	0.331	ng/ul	84
17) Pyrene	20.07	202	10212	0.487	ng/ul#	79
18) Benzo(a)anthracene	21.78	228	8959	0.459	ng/ul#	84
19) Chrysene	21.84	228	8159	0.402	ng/ul	98
21) Benzo(b)fluoranthene	23.62	252	8164	0.396	ng/ul	84
22) Benzo(k)fluoranthene	23.67	252	7258	0.385	ng/ul#	86
23) Benzo(a)pyrene	24.31	252	7302	0.397	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.24	276	7965	0.394	ng/ul#	77
25) Dibenzo(a,h)anthracene	27.26	278	6348	0.384	ng/ul#	90
26) Benzo(g,h,i)perylene	28.11	276	6814	0.399	ng/ul	95

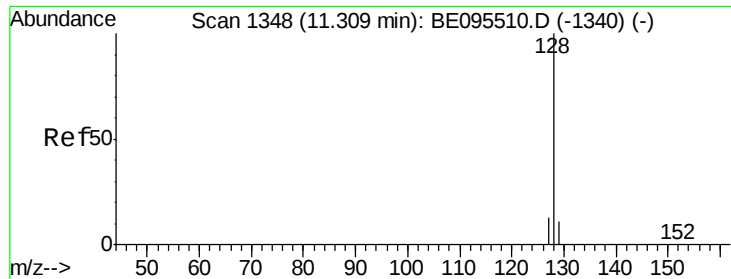
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BE095527.D
Acq On : 6 Feb 2018 12:50
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Feb 06 13:27:41 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
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#3

Naphthalene

Concen: 0.408 ng/ul

RT: 11.30 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BE095527.D

Acq: 6 Feb 2018 12:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.445

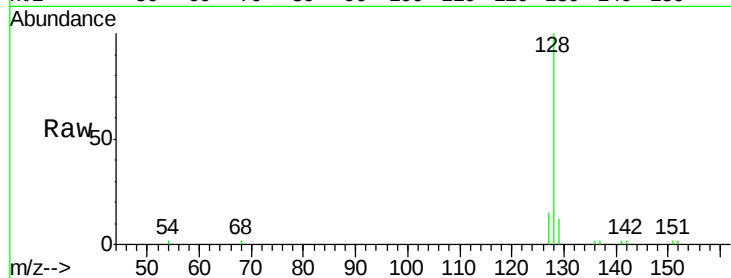
Tgt Ion:128 Resp: 4927

Ion Ratio Lower Upper

128 100

129 12.2 11.3 16.9

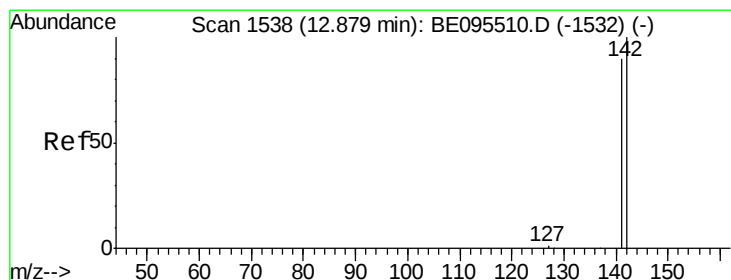
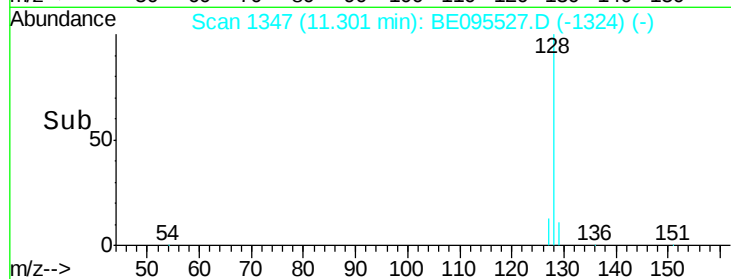
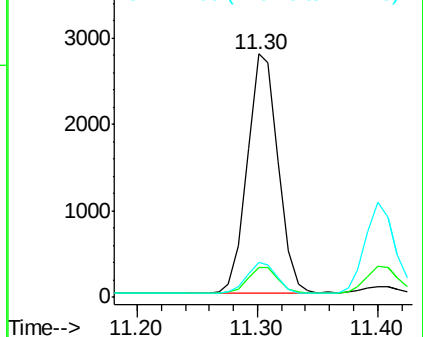
127 14.6 4.0 6.0#



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: 0.423 ng/ul

RT: 12.88 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BE095527.D

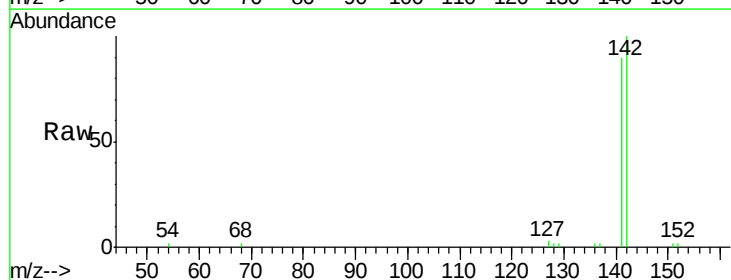
Acq: 6 Feb 2018 12:50

Tgt Ion:142 Resp: 3410

Ion Ratio Lower Upper

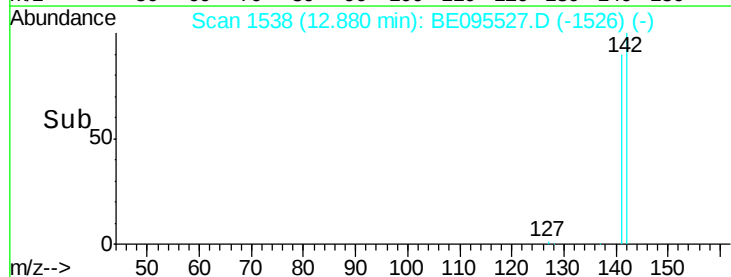
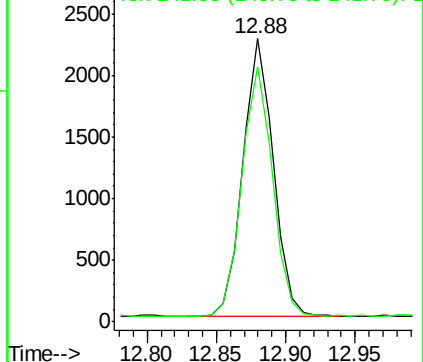
142 100

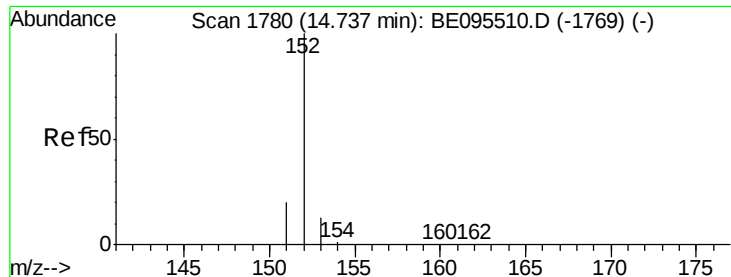
141 90.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.419 ng/ul

RT: 14.74 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BE095527.D

Acq: 6 Feb 2018 12:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.445

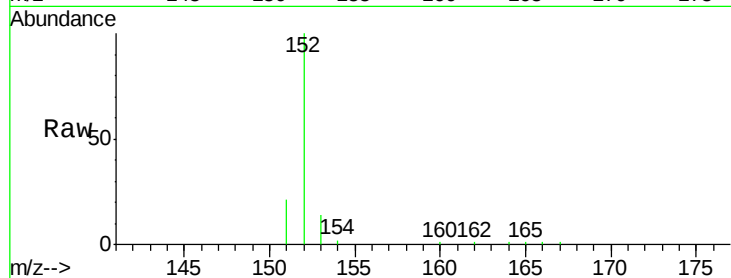
Tgt Ion:152 Resp: 5172

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

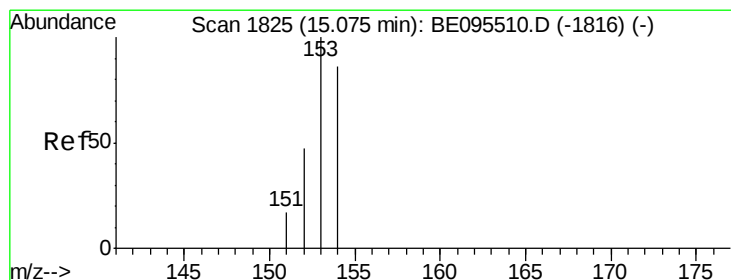
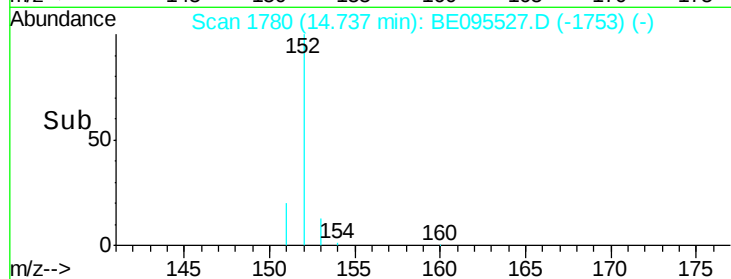
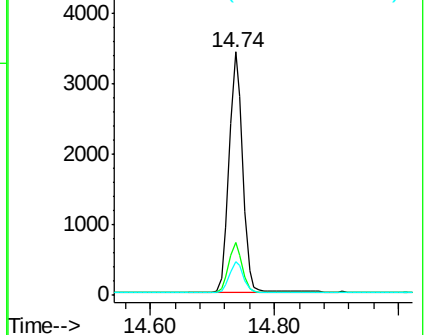
153 14.0 12.8 19.2



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: 0.400 ng/ul

RT: 15.07 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BE095527.D

Acq: 6 Feb 2018 12:50

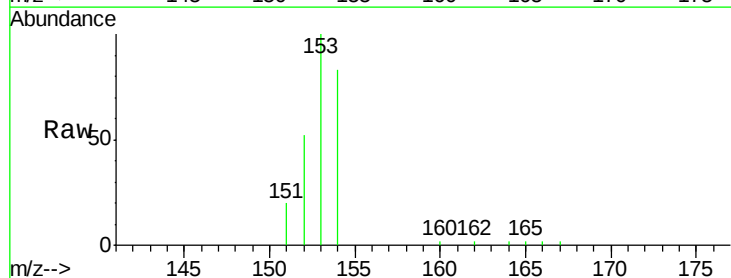
Tgt Ion:153 Resp: 3827

Ion Ratio Lower Upper

153 100

152 51.9 36.0 54.0

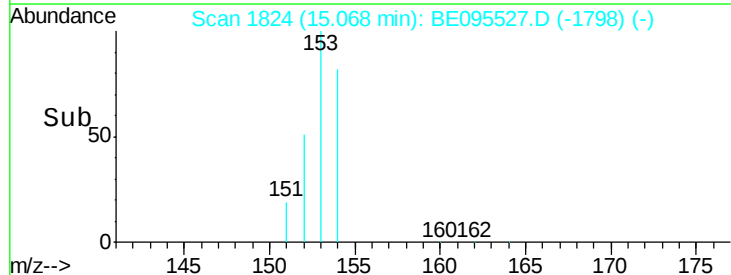
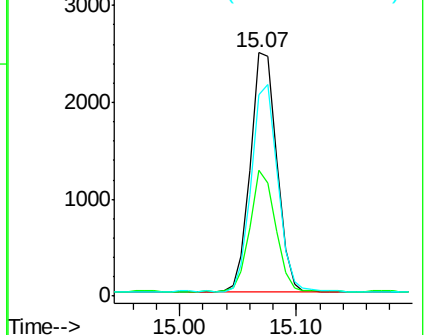
154 82.7 72.0 108.0

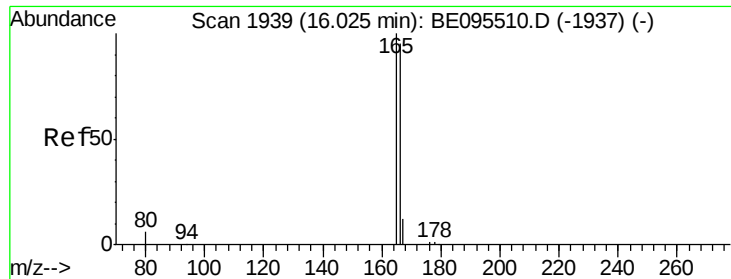


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.468 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095527.D

Acq: 6 Feb 2018 12:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.445

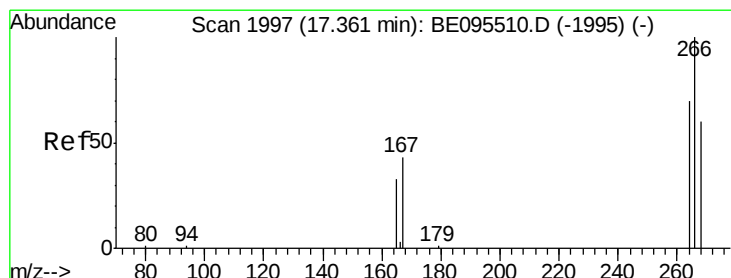
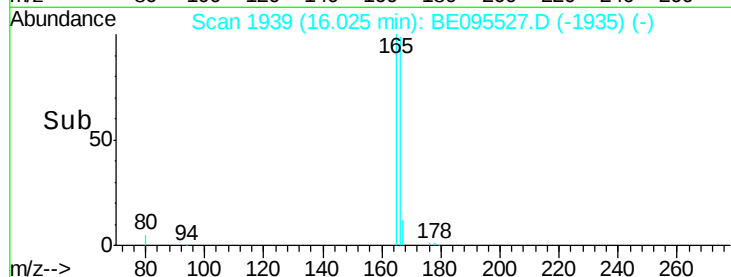
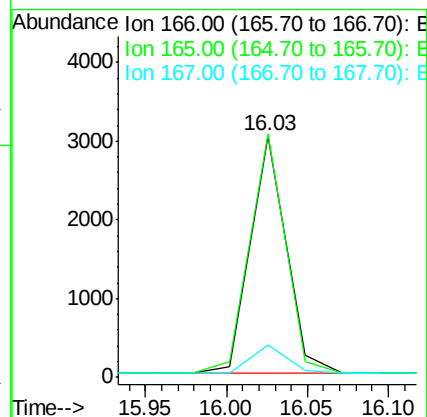
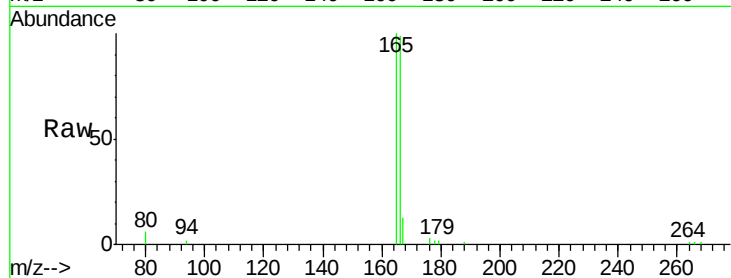
Tgt Ion:166 Resp: 4626

Ion Ratio Lower Upper

166 100

165 101.0 73.4 110.2

167 13.5 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.268 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095527.D

Acq: 6 Feb 2018 12:50

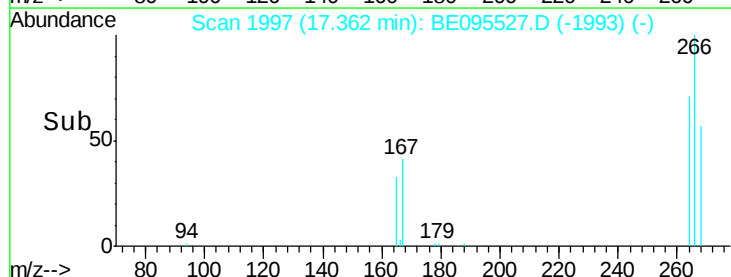
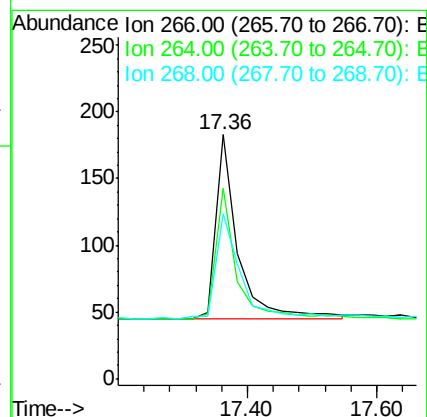
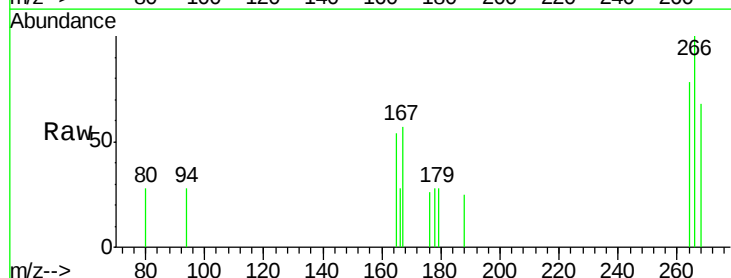
Tgt Ion:266 Resp: 330

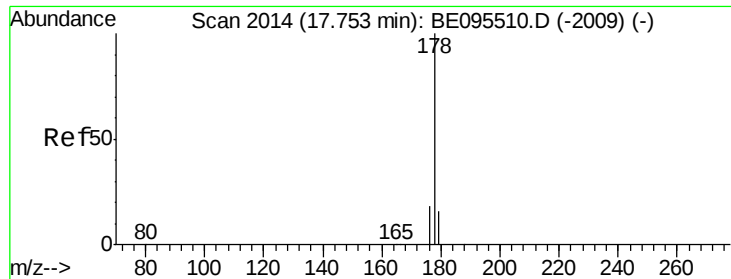
Ion Ratio Lower Upper

266 100

264 67.9 47.9 71.9

268 56.7 49.8 74.8

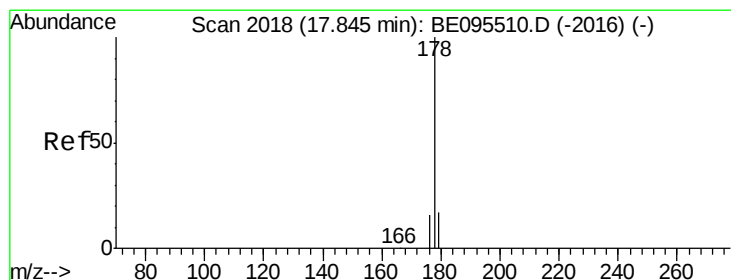
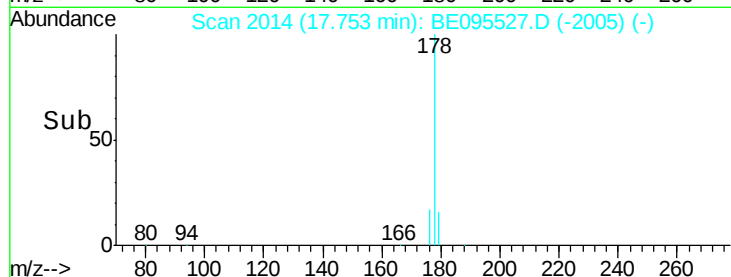
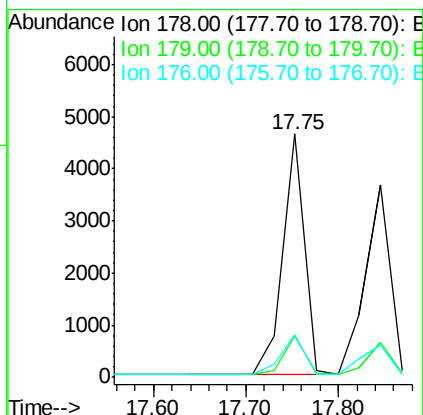
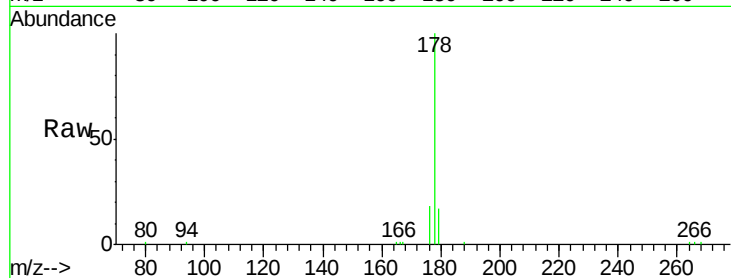




#12
Phenanthrene
Concen: 0.353 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095527.D
Acq: 6 Feb 2018 12:50

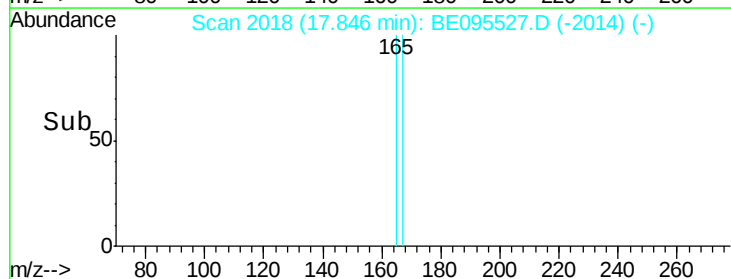
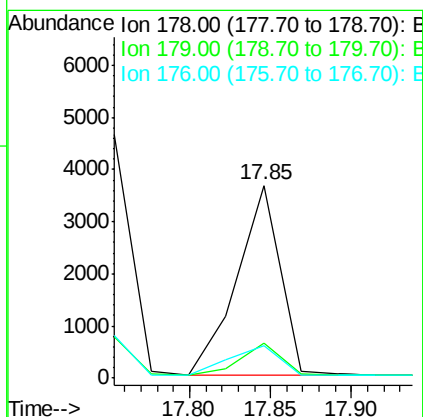
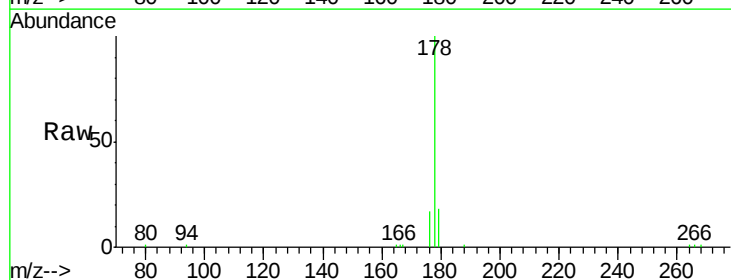
Instrument :
BNA_E
ClientSampleId :
SSTD0.445

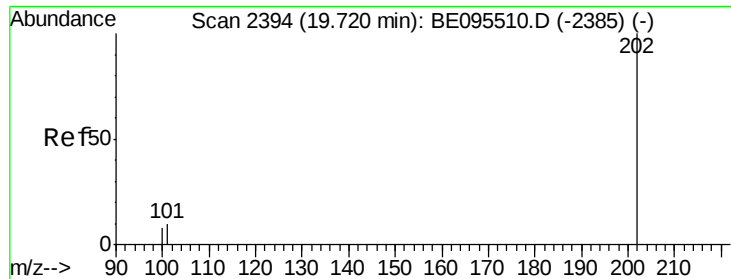
Tgt Ion:178 Resp: 7556
Ion Ratio Lower Upper
178 100
179 17.0 18.4 27.6#
176 17.8 13.6 20.4



#13
Anthracene
Concen: 0.342 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE095527.D
Acq: 6 Feb 2018 12:50

Tgt Ion:178 Resp: 6702
Ion Ratio Lower Upper
178 100
179 18.3 18.1 27.1
176 16.9 14.7 22.1





#15

Fluoranthene

Concen: 0.331 ng/ul

RT: 19.72 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BE095527.D

Acq: 6 Feb 2018 12:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.445

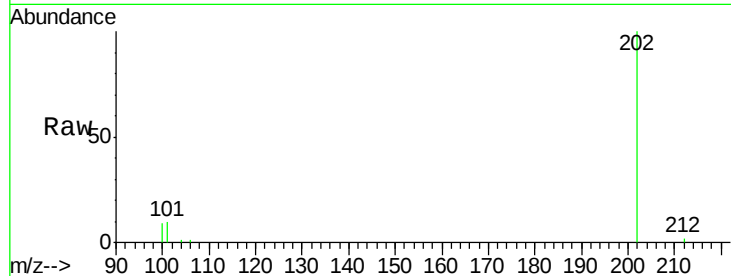
Tgt Ion:202 Resp: 9172

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.3

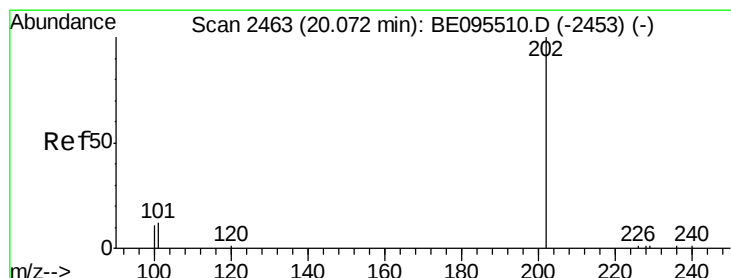
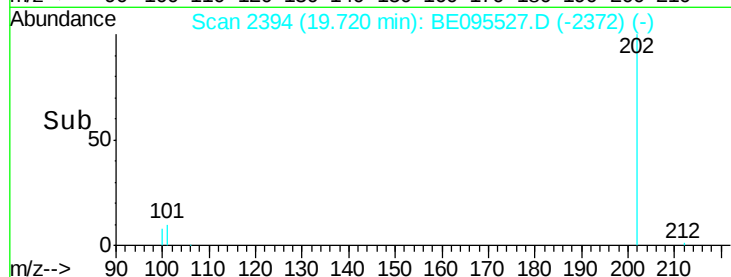
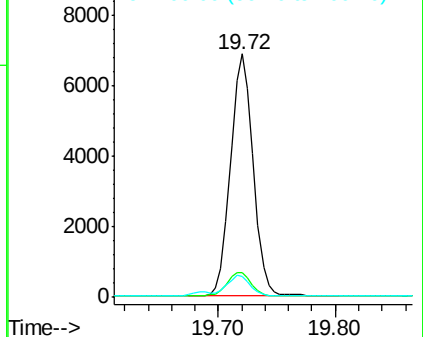
100 8.5 0.0 39.5



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: 0.487 ng/ul

RT: 20.07 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BE095527.D

Acq: 6 Feb 2018 12:50

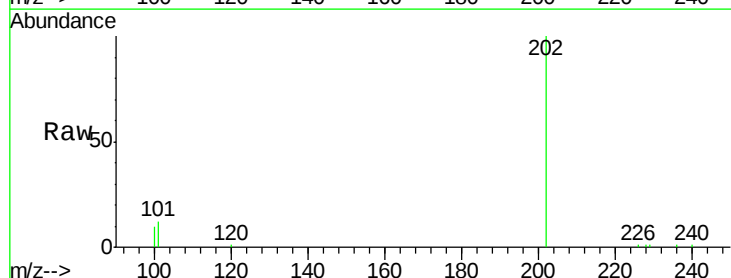
Tgt Ion:202 Resp: 10212

Ion Ratio Lower Upper

202 100

101 12.0 18.2 27.4#

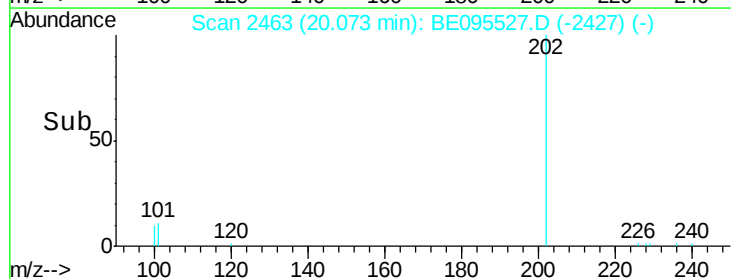
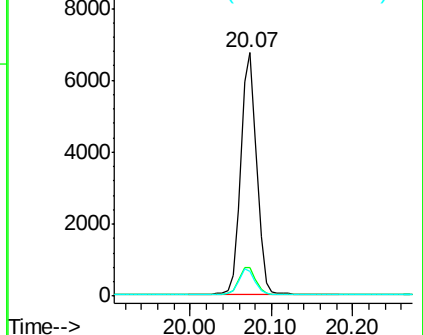
100 10.4 15.6 23.4#

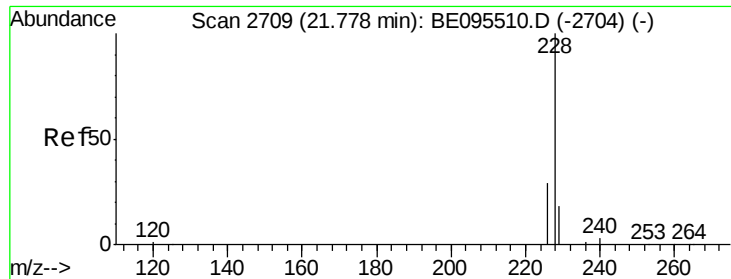


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.459 ng/ul

RT: 21.78 min Scan# 2708

Delta R.T. -0.00 min

Lab File: BE095527.D

Acq: 6 Feb 2018 12:50

Instrument :

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ClientSampleId :

SSTD0.445

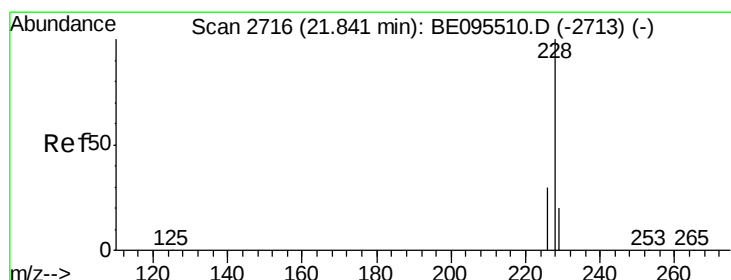
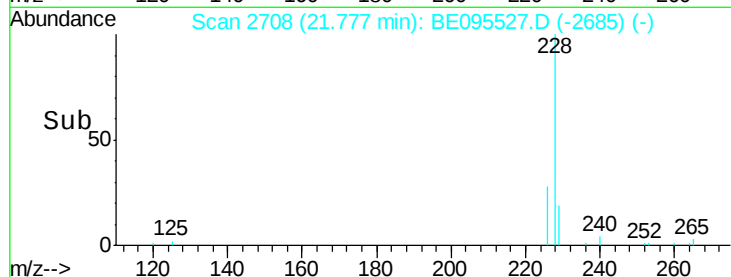
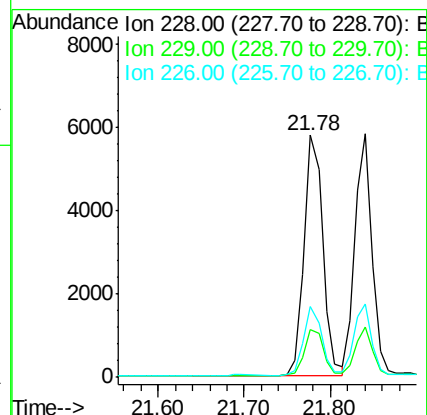
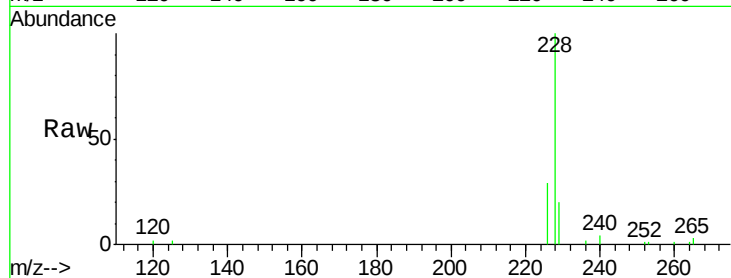
Tgt Ion:228 Resp: 8959

Ion Ratio Lower Upper

228 100

229 19.8 22.8 34.2#

226 29.0 17.0 25.6#



#19

Chrysene

Concen: 0.402 ng/ul

RT: 21.84 min Scan# 2715

Delta R.T. -0.00 min

Lab File: BE095527.D

Acq: 6 Feb 2018 12:50

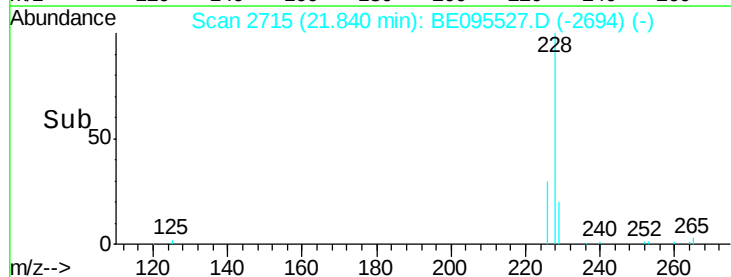
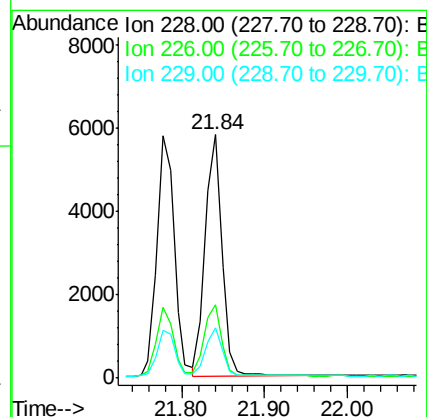
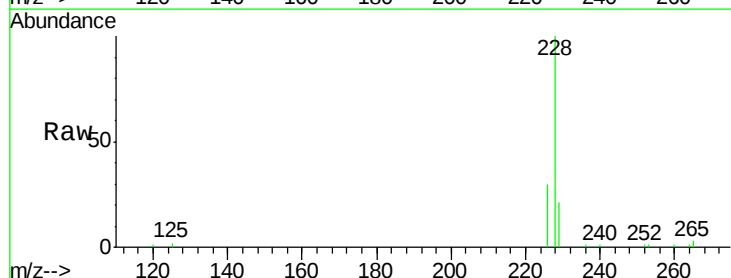
Tgt Ion:228 Resp: 8159

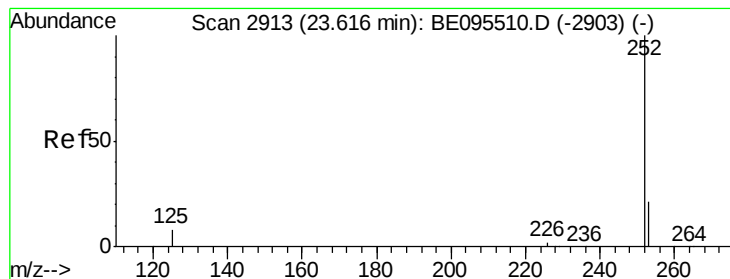
Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.0

229 20.7 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.396 ng/ul

RT: 23.62 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BE095527.D

Acq: 6 Feb 2018 12:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.445

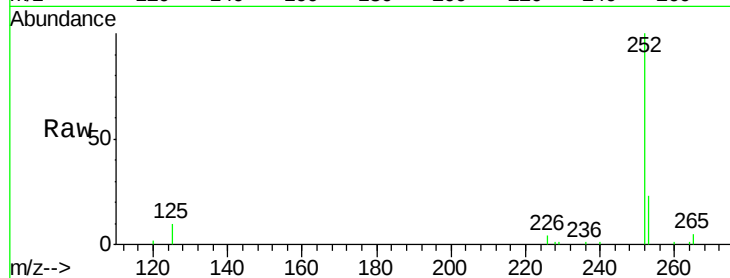
Tgt Ion:252 Resp: 8164

Ion Ratio Lower Upper

252 100

253 23.5 0.0 64.2

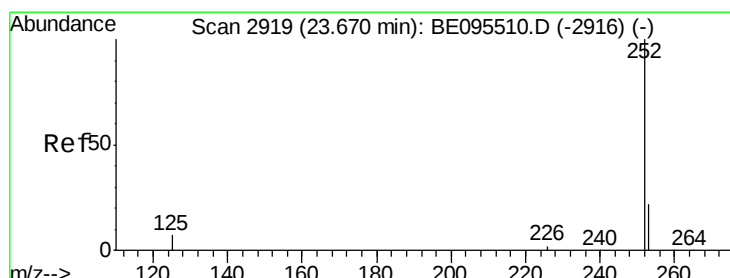
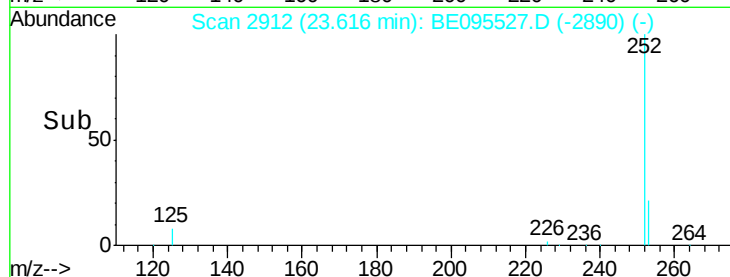
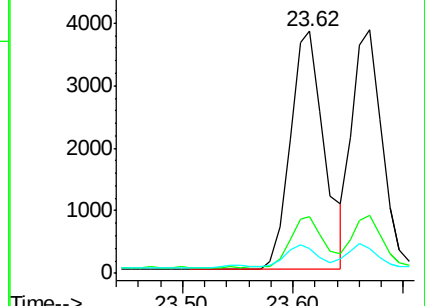
125 10.1 0.0 35.0



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: 0.385 ng/ul

RT: 23.67 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BE095527.D

Acq: 6 Feb 2018 12:50

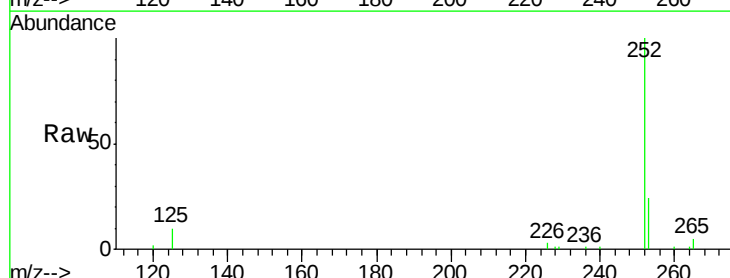
Tgt Ion:252 Resp: 7258

Ion Ratio Lower Upper

252 100

253 24.1 24.5 36.7#

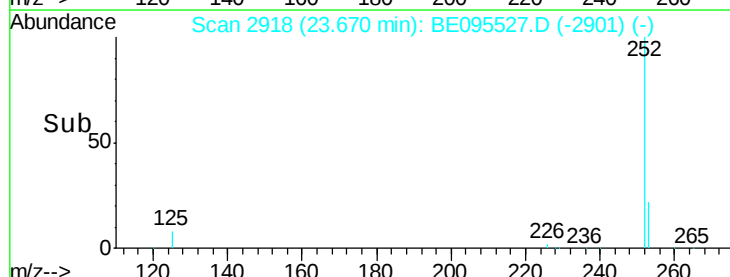
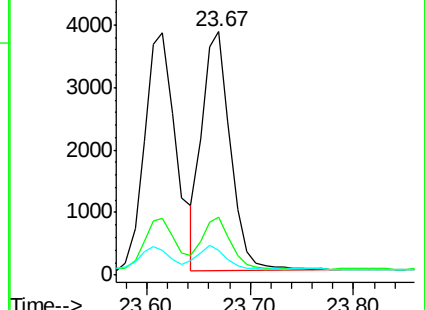
125 10.0 13.7 20.5#

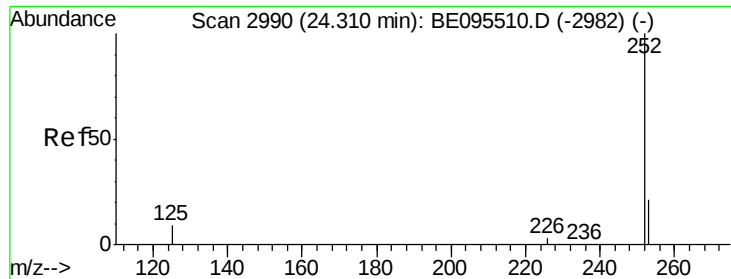


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.397 ng/ul

RT: 24.31 min Scan# 2989

Delta R.T. -0.00 min

Lab File: BE095527.D

Acq: 6 Feb 2018 12:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.445

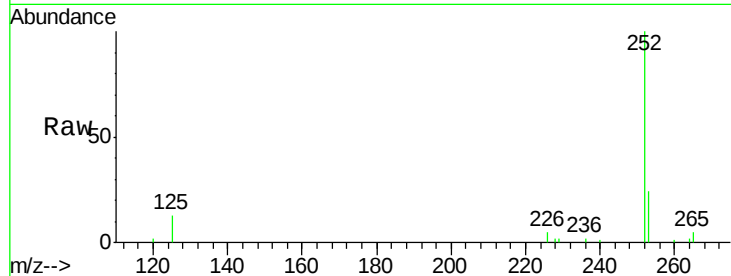
Tgt Ion:252 Resp: 7302

Ion Ratio Lower Upper

252 100

253 24.4 28.5 42.7#

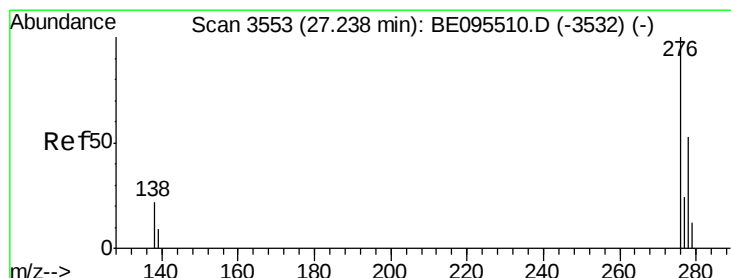
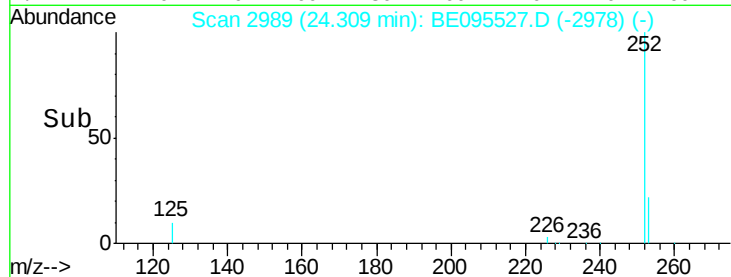
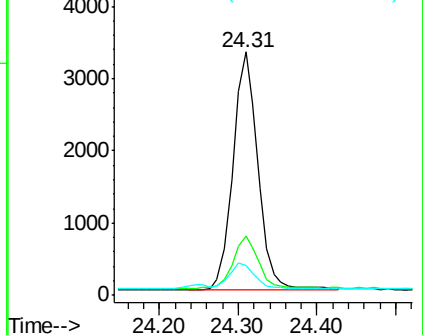
125 12.5 18.1 27.1#



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: 0.394 ng/ul

RT: 27.24 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BE095527.D

Acq: 6 Feb 2018 12:50

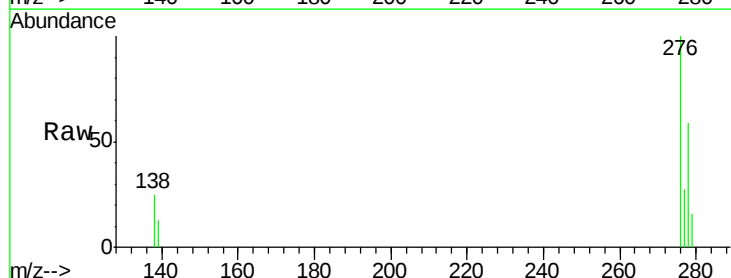
Tgt Ion:276 Resp: 7965

Ion Ratio Lower Upper

276 100

138 22.2 28.0 42.0#

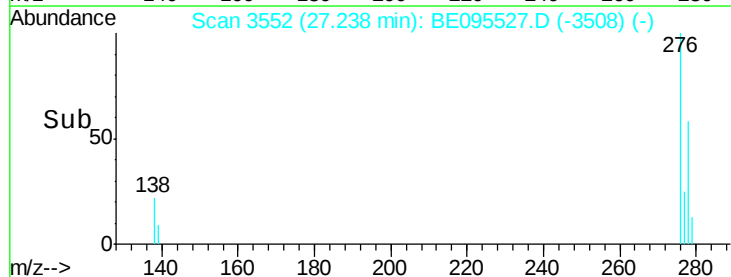
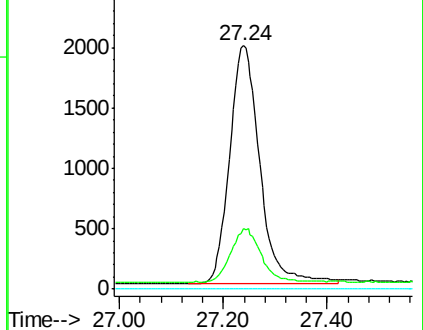
227 0.0 8.0 12.0#

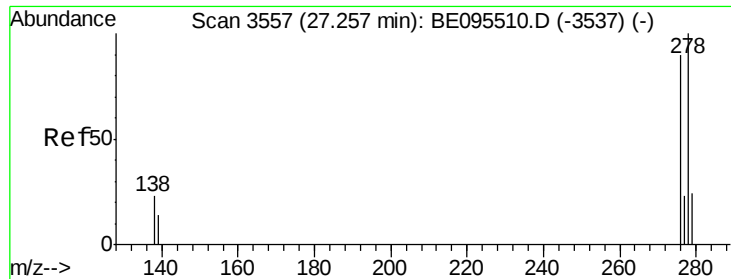


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

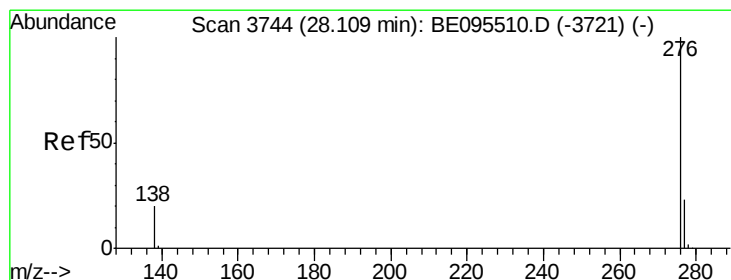
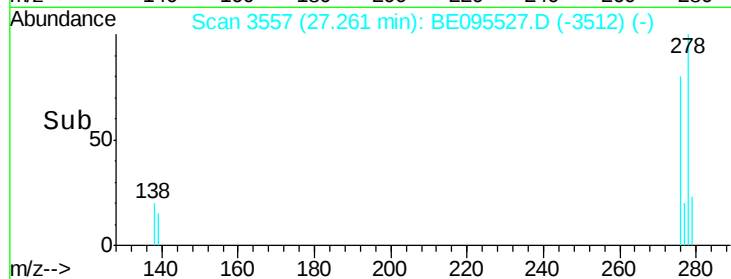
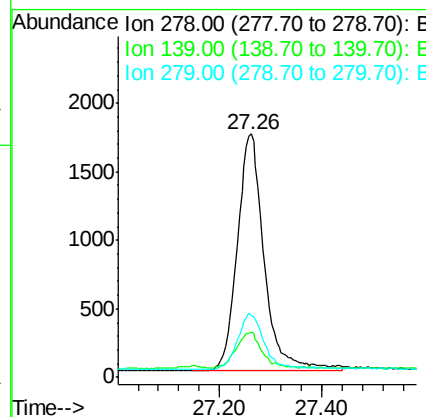
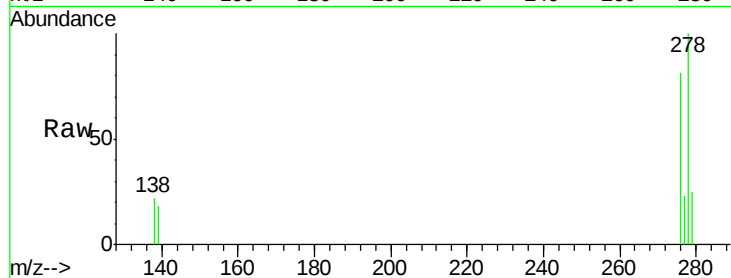




#25
Dibenzo(a,h)anthracene
Concen: 0.384 ng/u1
RT: 27.26 min Scan# 3557
Delta R.T. 0.00 min
Lab File: BE095527.D
Acq: 6 Feb 2018 12:50

Instrument :
BNA_E
ClientSampleId :
SSTD0.445

Tgt Ion:278 Resp: 6348
Ion Ratio Lower Upper
278 100
139 18.5 17.4 26.0
279 25.4 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.399 ng/u1
RT: 28.11 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BE095527.D
Acq: 6 Feb 2018 12:50

Tgt Ion:276 Resp: 6814
Ion Ratio Lower Upper
276 100
138 22.7 21.8 32.8
277 25.8 20.5 30.7

