

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012718\
 Data File : BE095162.D
 Acq On : 27 Jan 2018 12:24
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.413

Quant Time: Jan 28 01:33:15 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 03:18:43 2018
 Response via : Initial Calibration

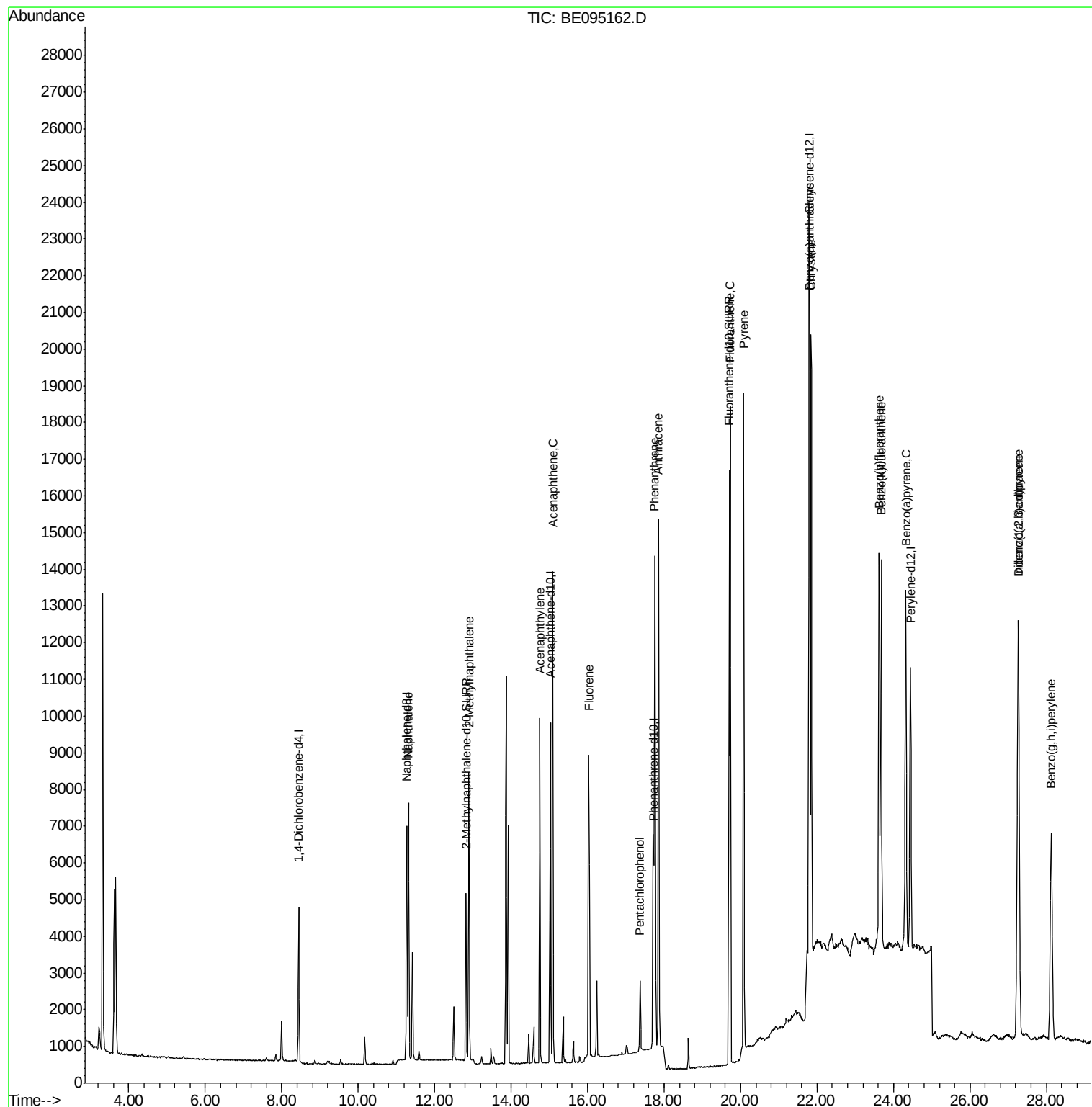
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2875	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	8548	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5183	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	11909	0.40	ng/ul	0.02
16) Chrysene-d12	21.81	240	12937	0.40	ng/ul	0.00
20) Perylene-d12	24.45	264	12223	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	5873	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	17828	0.39	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.32	128	9539	0.399	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	6718	0.420	ng/ul	100
7) Acenaphthylene	14.75	152	10659	0.427	ng/ul	97
8) Acenaphthene	15.08	153	7695	0.398	ng/ul	97
9) Fluorene	16.03	166	8195	0.411	ng/ul#	69
11) Pentachlorophenol	17.36	266	1156	0.501	ng/ul	95
12) Phenanthrene	17.75	178	15861	0.396	ng/ul#	86
13) Anthracene	17.85	178	15911	0.434	ng/ul#	91
15) Fluoranthene	19.73	202	19686	0.380	ng/ul	84
17) Pyrene	20.08	202	19686	0.453	ng/ul#	81
18) Benzo(a)anthracene	21.79	228	18836	0.466	ng/ul#	86
19) Chrysene	21.84	228	16939	0.403	ng/ul	96
21) Benzo(b)fluoranthene	23.63	252	16754	0.389	ng/ul	91
22) Benzo(k)fluoranthene	23.68	252	15273	0.387	ng/ul	92
23) Benzo(a)pyrene	24.32	252	15452	0.401	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	27.25	276	17484	0.414	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.28	278	14243	0.412	ng/ul#	93
26) Benzo(g,h,i)perylene	28.13	276	14478	0.405	ng/ul	96

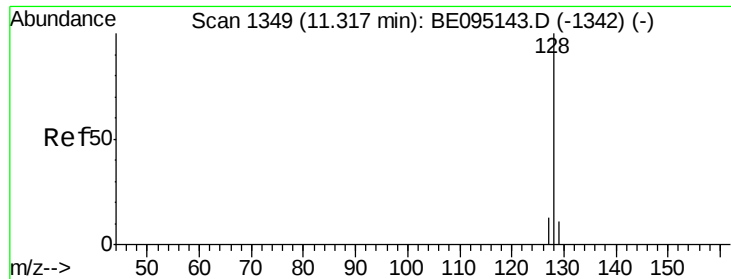
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012718\
Data File : BE095162.D
Acq On : 27 Jan 2018 12:24
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.413

Quant Time: Jan 28 01:33:15 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
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QLast Update : Sat Jan 27 03:18:43 2018
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#3

Naphthalene

Concen: 0.399 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BE095162.D

Acq: 27 Jan 2018 12:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.413

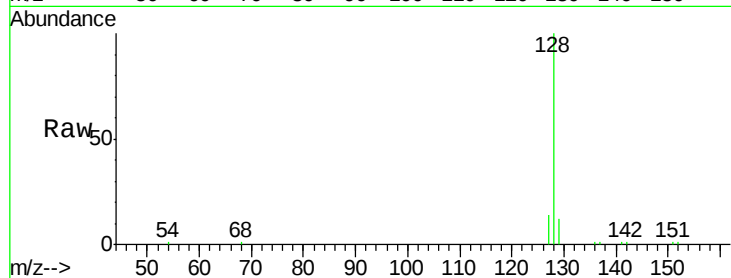
Tgt Ion:128 Resp: 9539

Ion Ratio Lower Upper

128 100

129 11.6 11.3 16.9

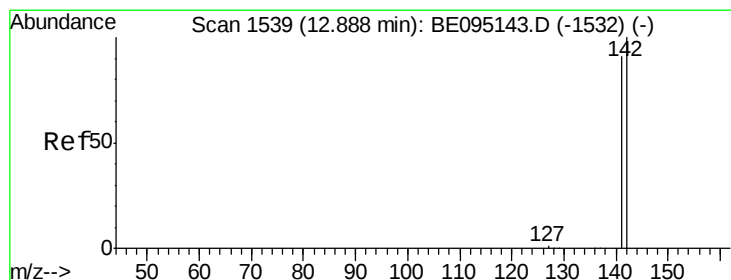
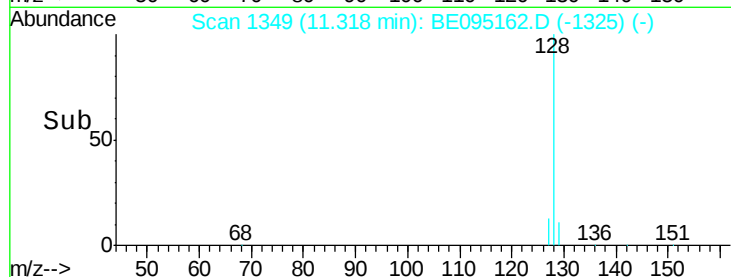
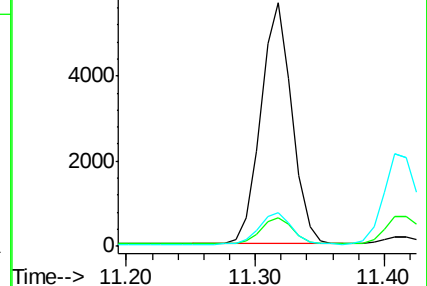
127 13.7 4.0 6.0#



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: 0.420 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095162.D

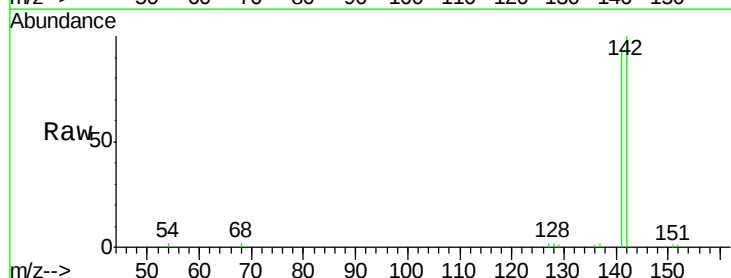
Acq: 27 Jan 2018 12:24

Tgt Ion:142 Resp: 6718

Ion Ratio Lower Upper

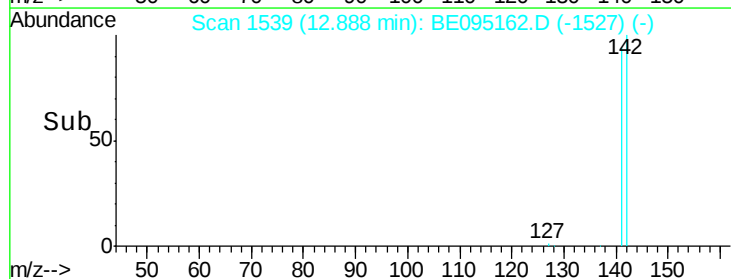
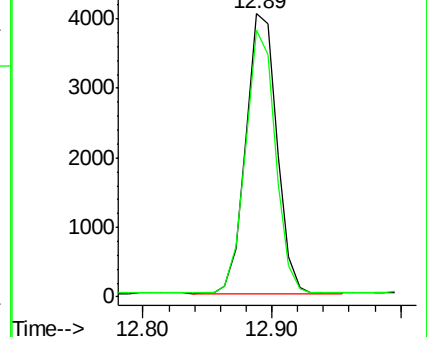
142 100

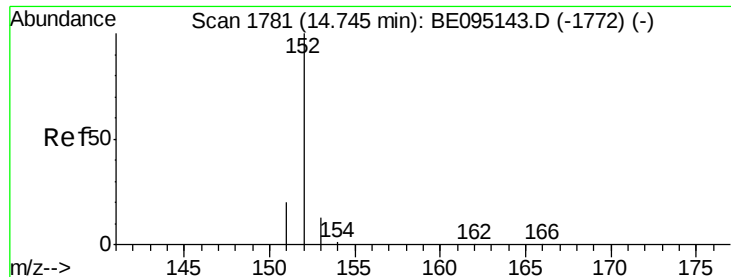
141 90.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.427 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095162.D

Acq: 27 Jan 2018 12:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.413

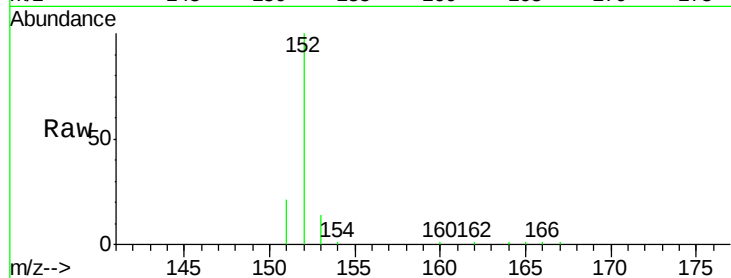
Tgt Ion:152 Resp: 10659

Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

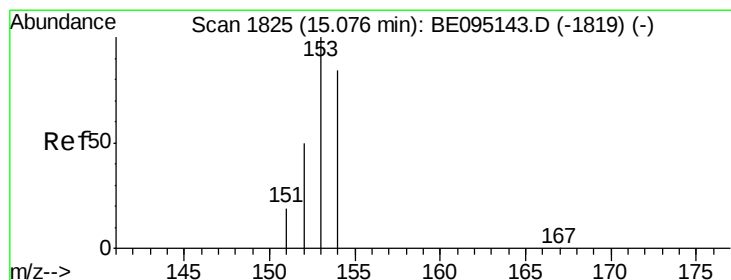
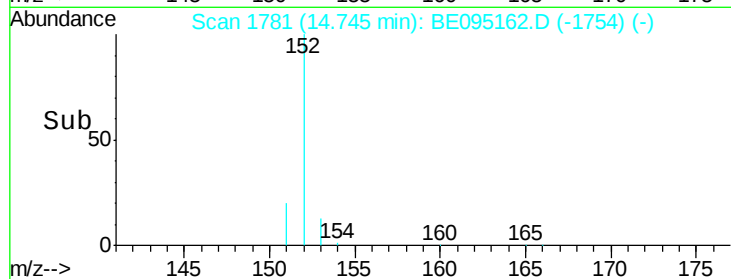
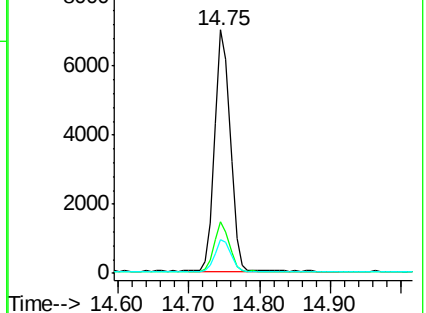
153 13.8 12.8 19.2



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: 0.398 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BE095162.D

Acq: 27 Jan 2018 12:24

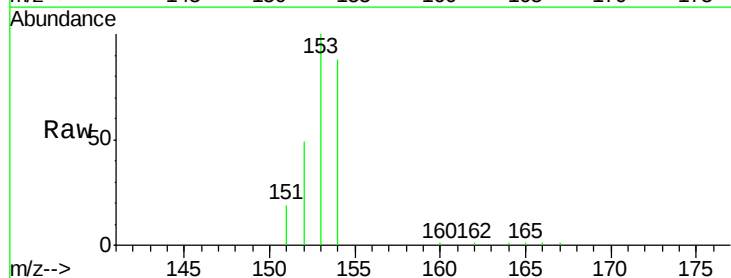
Tgt Ion:153 Resp: 7695

Ion Ratio Lower Upper

153 100

152 48.8 36.0 54.0

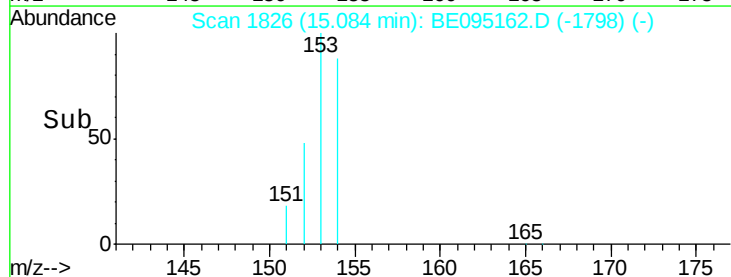
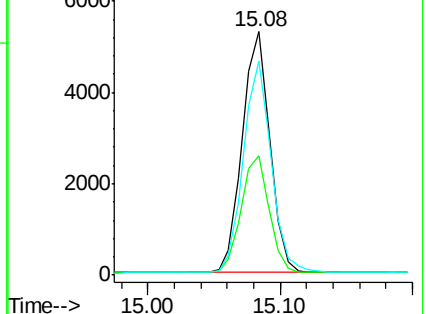
154 87.8 72.0 108.0

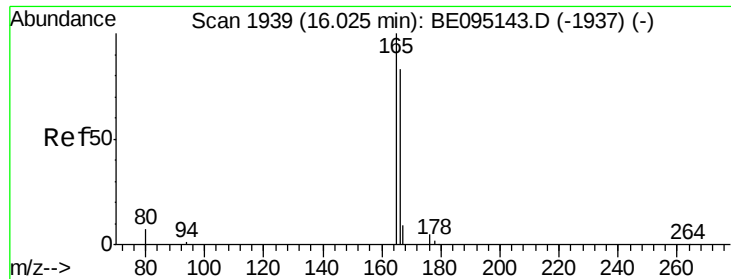


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.411 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095162.D

Acq: 27 Jan 2018 12:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.413

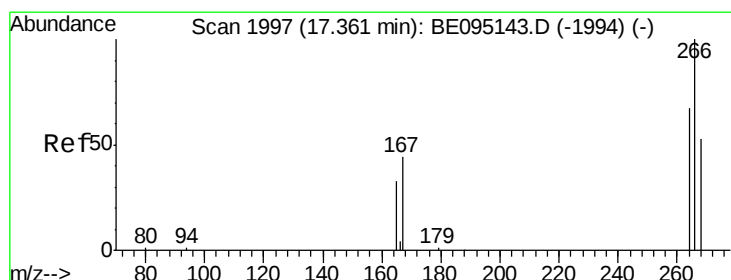
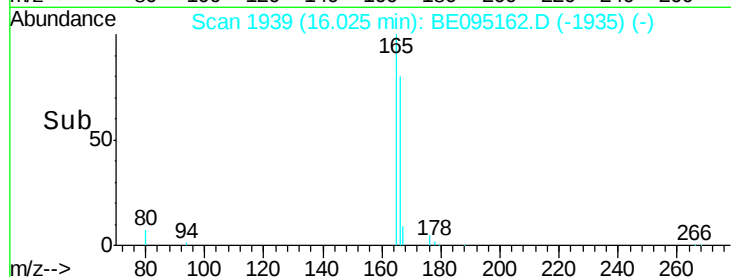
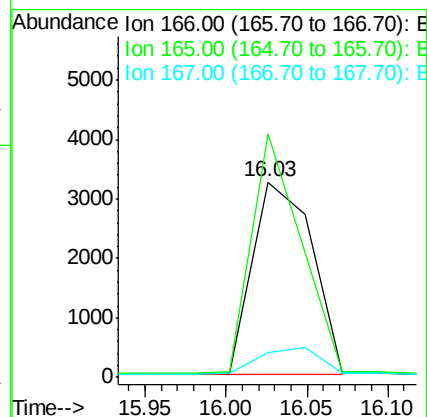
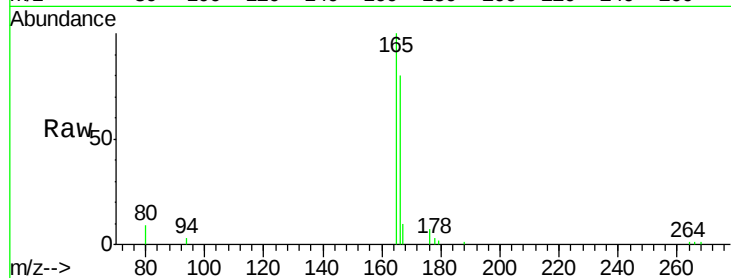
Tgt Ion:166 Resp: 8195

Ion Ratio Lower Upper

166 100

165 124.5 73.4 110.2#

167 12.5 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.501 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095162.D

Acq: 27 Jan 2018 12:24

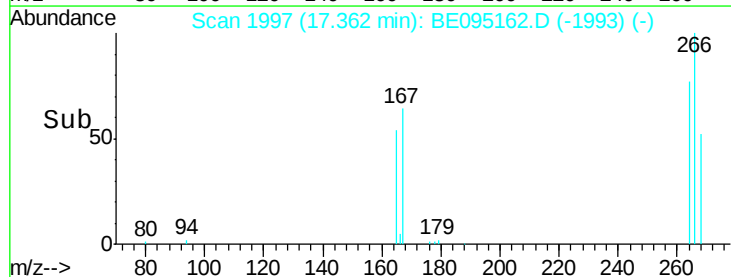
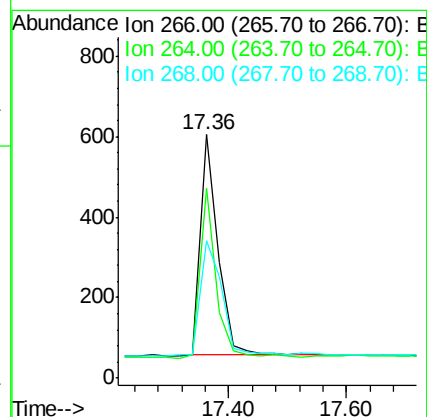
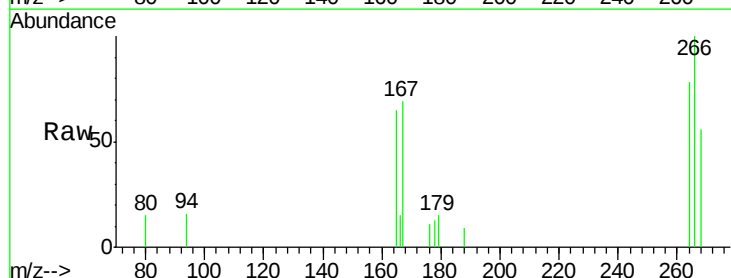
Tgt Ion:266 Resp: 1156

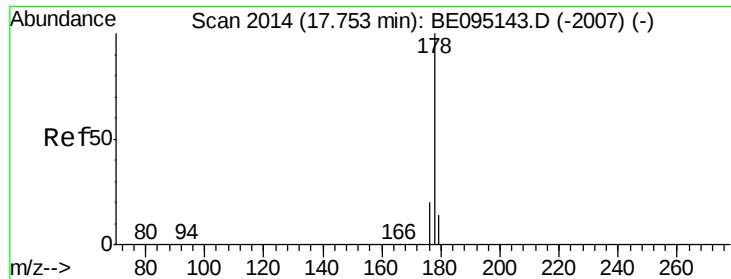
Ion Ratio Lower Upper

266 100

264 67.0 47.9 71.9

268 61.0 49.8 74.8





#12

Phenanthrene

Concen: 0.396 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095162.D

Acq: 27 Jan 2018 12:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.413

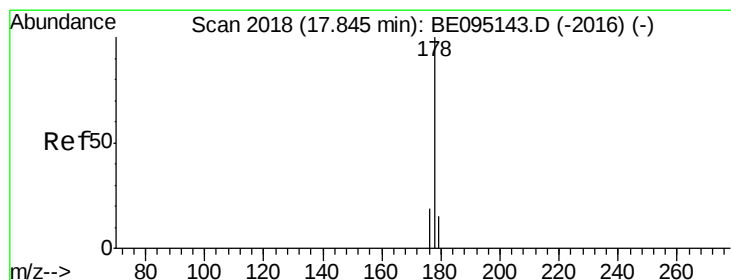
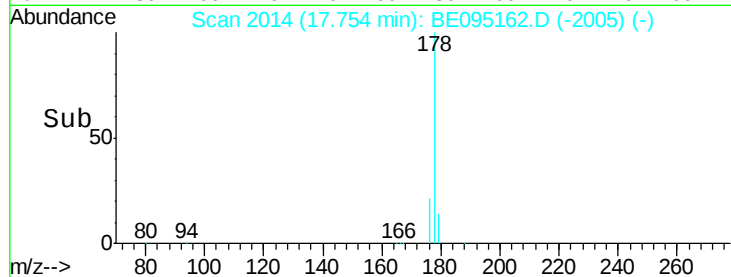
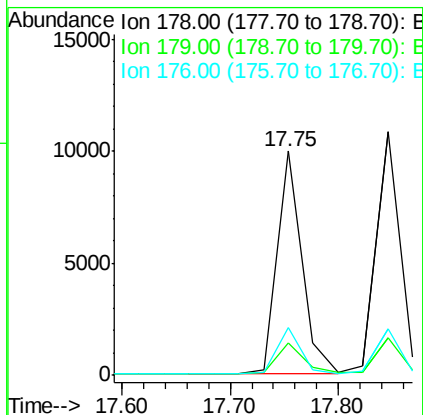
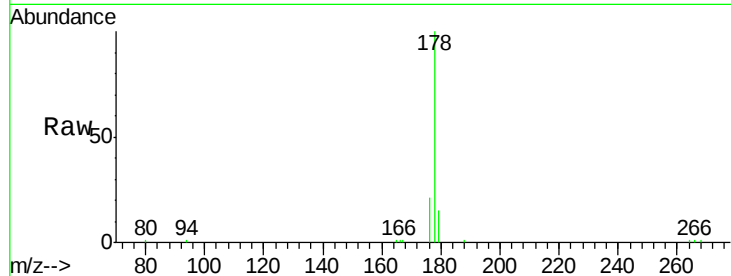
Tgt Ion:178 Resp: 15861

Ion Ratio Lower Upper

178 100

179 14.7 18.4 27.6#

176 21.3 13.6 20.4#



#13

Anthracene

Concen: 0.434 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095162.D

Acq: 27 Jan 2018 12:24

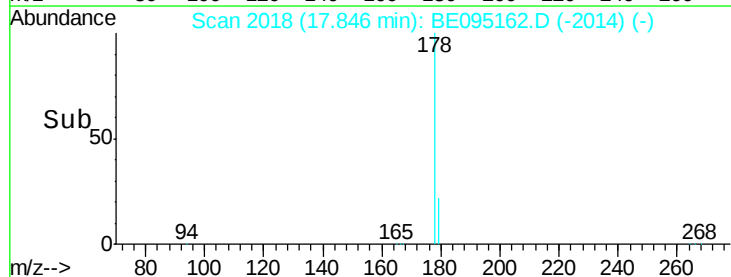
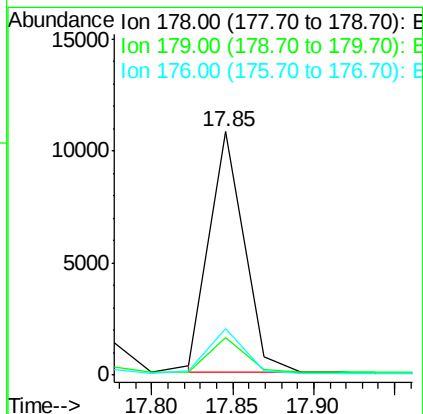
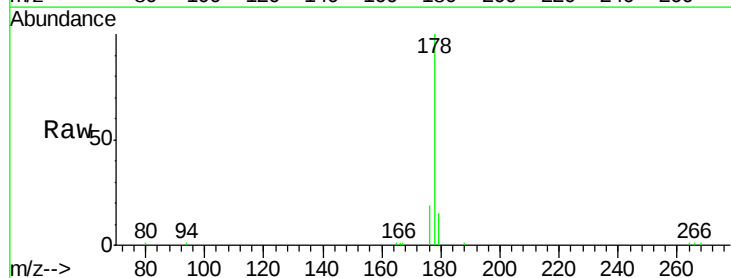
Tgt Ion:178 Resp: 15911

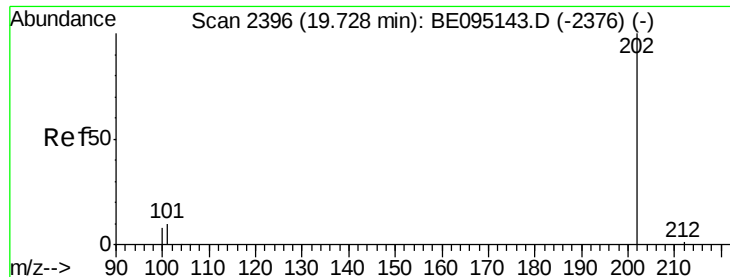
Ion Ratio Lower Upper

178 100

179 15.3 18.1 27.1#

176 19.3 14.7 22.1





#15

Fluoranthene

Concen: 0.380 ng/ul

RT: 19.73 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BE095162.D

Acq: 27 Jan 2018 12:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.413

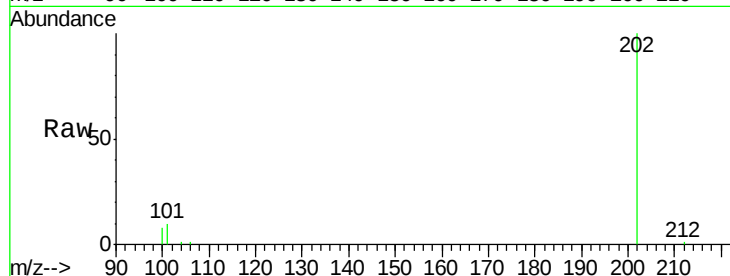
Tgt Ion:202 Resp: 19686

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.3

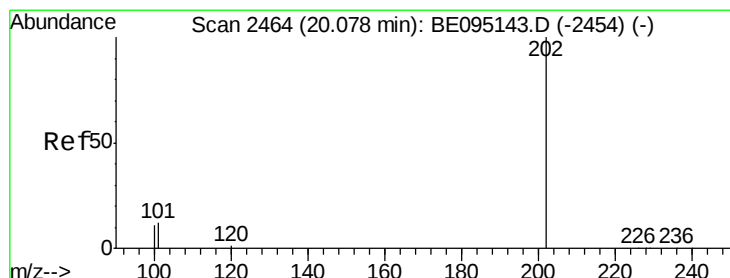
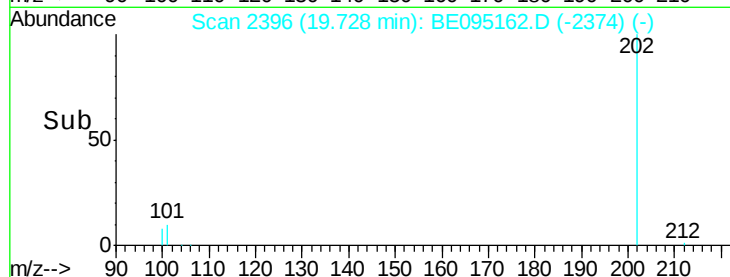
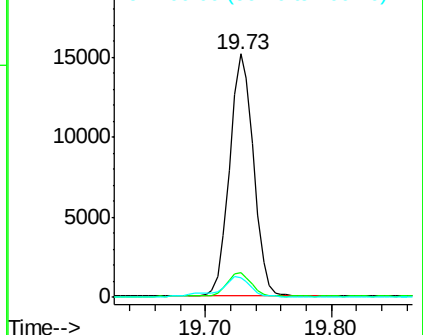
100 8.3 0.0 39.5



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: 0.453 ng/ul

RT: 20.08 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BE095162.D

Acq: 27 Jan 2018 12:24

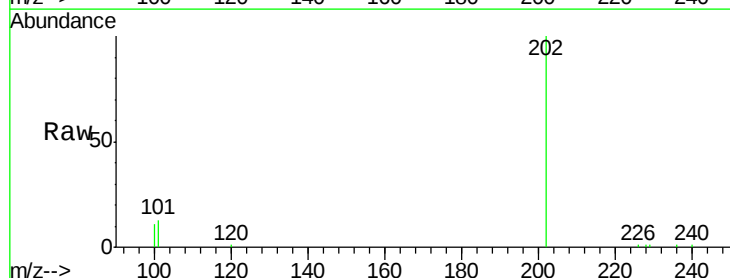
Tgt Ion:202 Resp: 19686

Ion Ratio Lower Upper

202 100

101 13.1 18.2 27.4#

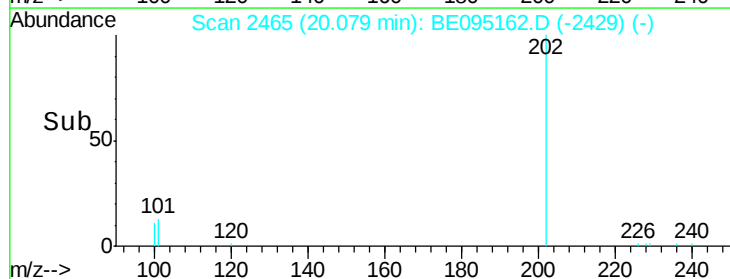
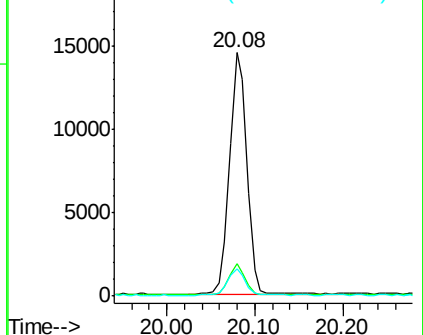
100 11.3 15.6 23.4#

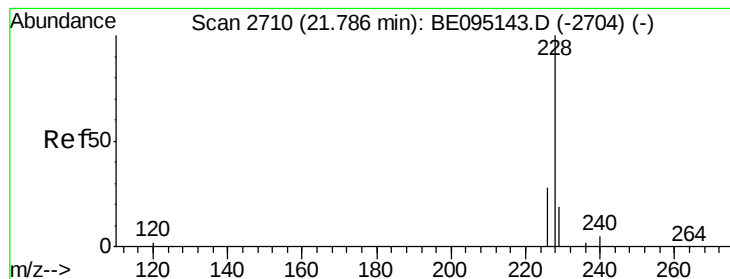


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.466 ng/ul

RT: 21.79 min Scan# 2711

Delta R.T. 0.00 min

Lab File: BE095162.D

Acq: 27 Jan 2018 12:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.413

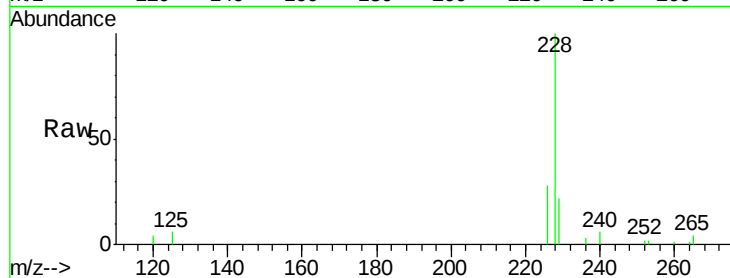
Tgt Ion:228 Resp: 18836

Ion Ratio Lower Upper

228 100

229 21.7 22.8 34.2#

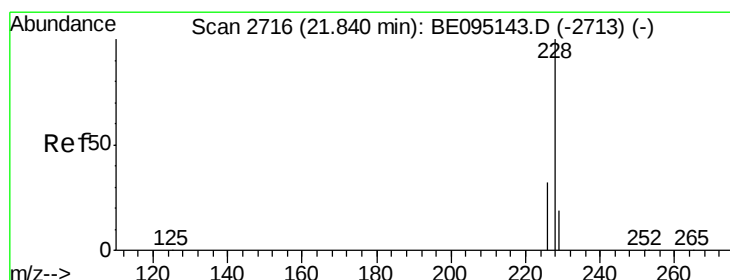
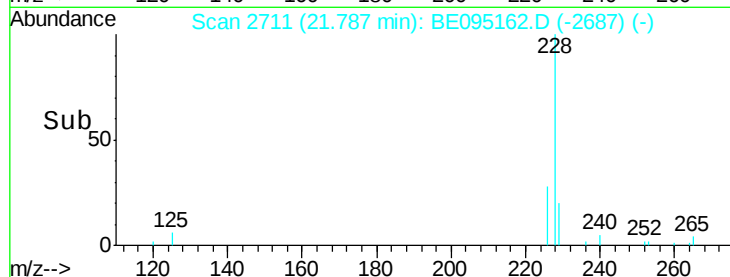
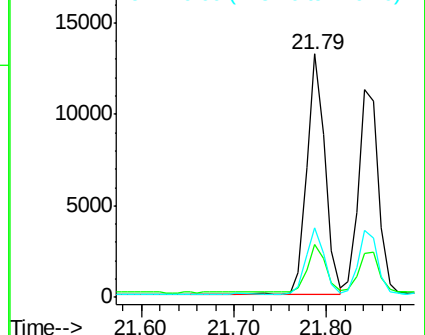
226 28.5 17.0 25.6#



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: 0.403 ng/ul

RT: 21.84 min Scan# 2717

Delta R.T. 0.00 min

Lab File: BE095162.D

Acq: 27 Jan 2018 12:24

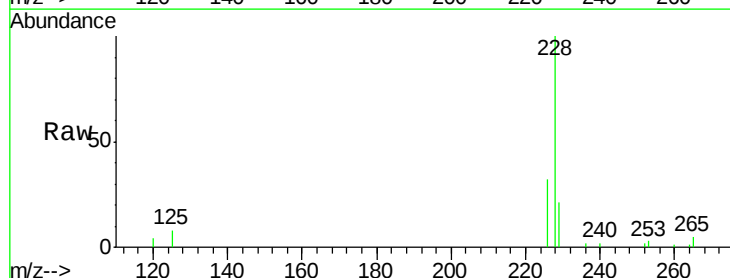
Tgt Ion:228 Resp: 16939

Ion Ratio Lower Upper

228 100

226 32.2 23.4 35.0

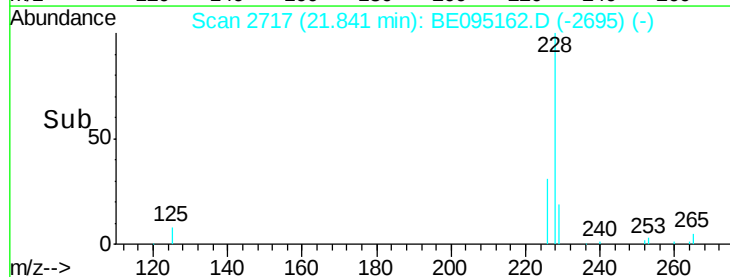
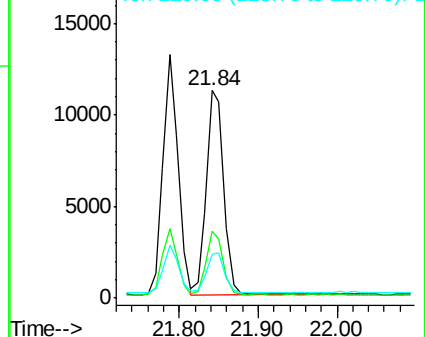
229 21.1 17.7 26.5

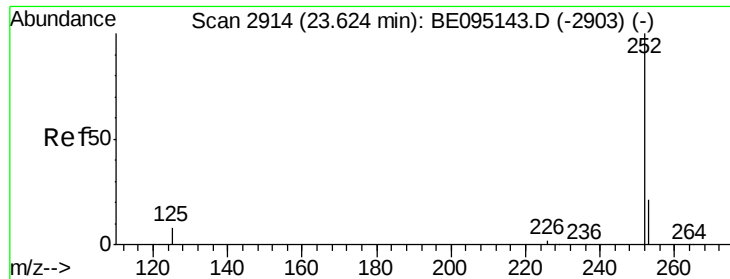


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.389 ng/ul

RT: 23.63 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BE095162.D

Acq: 27 Jan 2018 12:24

Instrument :

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ClientSampleId :

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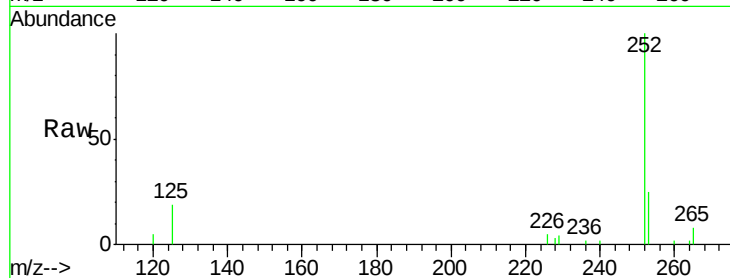
Tgt Ion:252 Resp: 16754

Ion Ratio Lower Upper

252 100

253 25.1 0.0 64.2

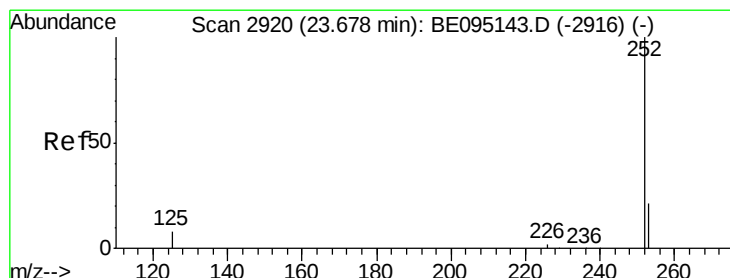
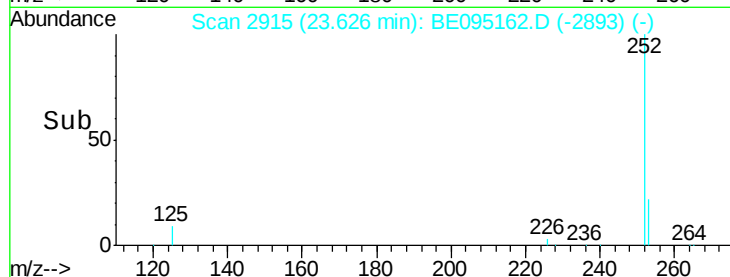
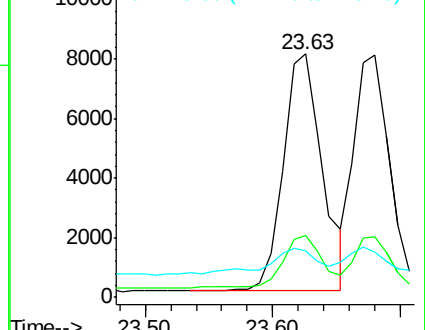
125 19.1 0.0 35.0



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: 0.387 ng/ul

RT: 23.68 min Scan# 2921

Delta R.T. 0.00 min

Lab File: BE095162.D

Acq: 27 Jan 2018 12:24

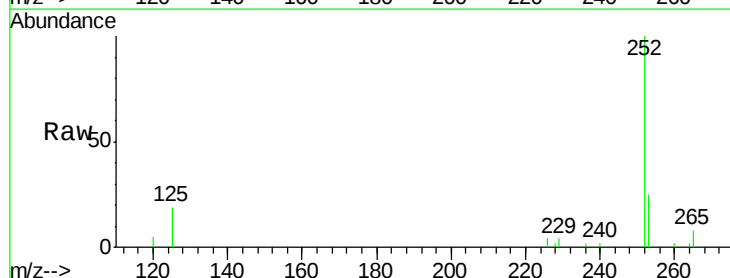
Tgt Ion:252 Resp: 15273

Ion Ratio Lower Upper

252 100

253 24.8 24.5 36.7

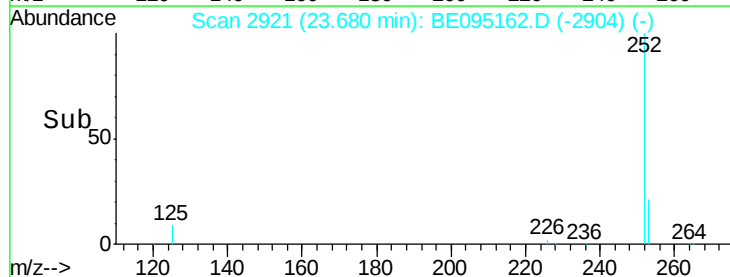
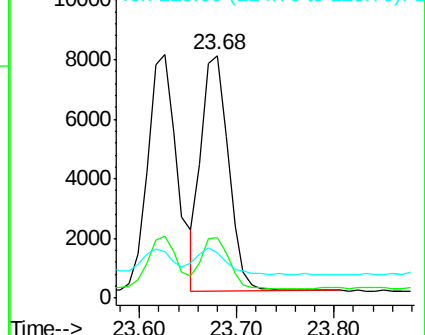
125 18.6 13.7 20.5

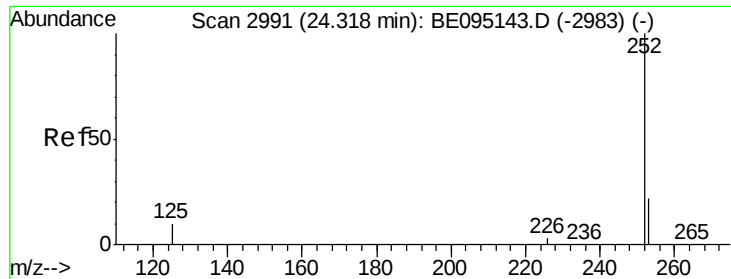


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.401 ng/u1

RT: 24.32 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BE095162.D

Acq: 27 Jan 2018 12:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.413

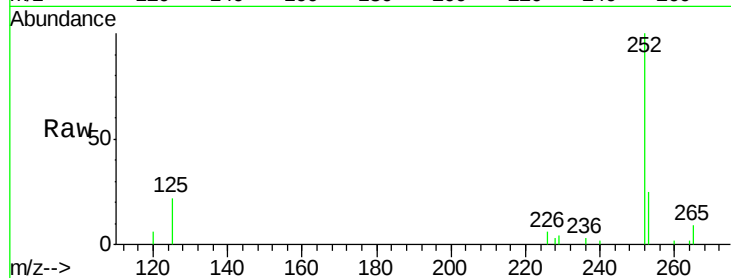
Tgt Ion:252 Resp: 15452

Ion Ratio Lower Upper

252 100

253 25.4 28.5 42.7#

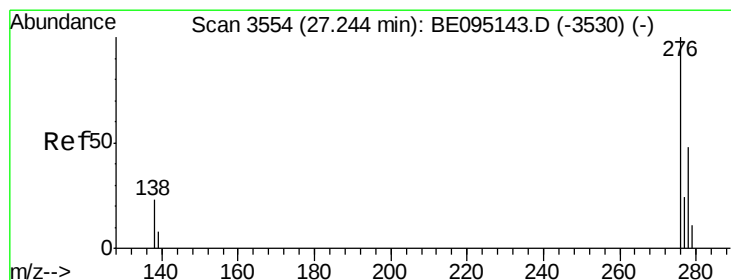
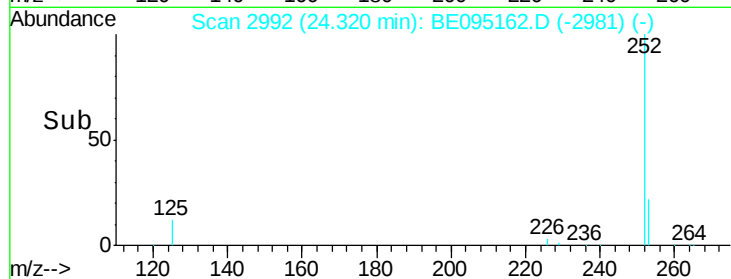
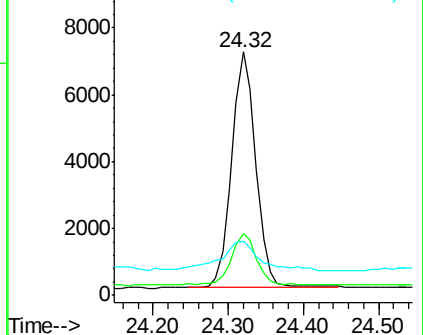
125 22.2 18.1 27.1



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: 0.414 ng/u1

RT: 27.25 min Scan# 3557

Delta R.T. 0.01 min

Lab File: BE095162.D

Acq: 27 Jan 2018 12:24

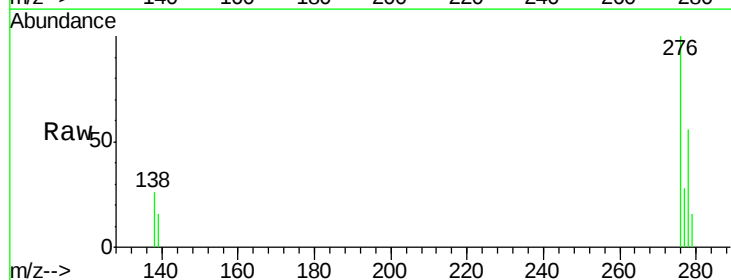
Tgt Ion:276 Resp: 17484

Ion Ratio Lower Upper

276 100

138 22.8 28.0 42.0#

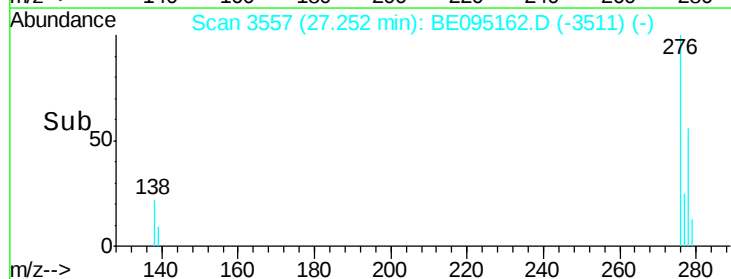
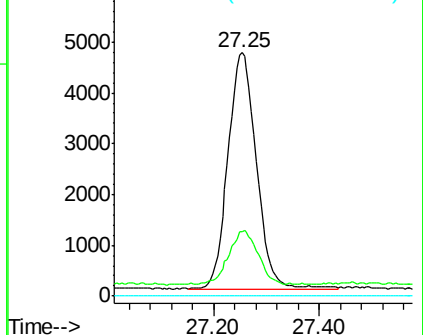
227 0.0 8.0 12.0#

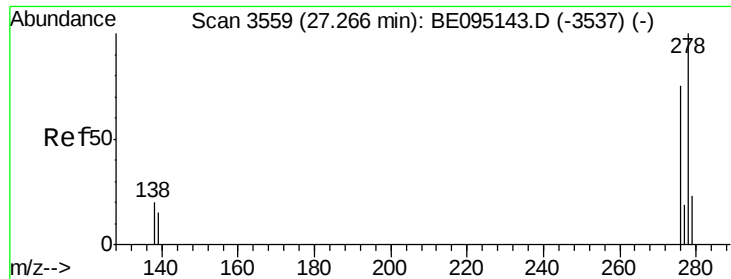


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.412 ng/ul

RT: 27.28 min Scan# 3562

Delta R.T. 0.01 min

Lab File: BE095162.D

Acq: 27 Jan 2018 12:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.413

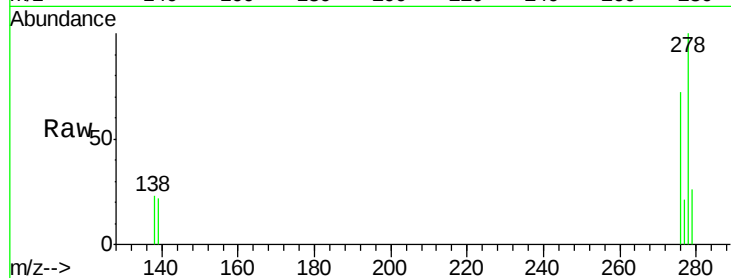
Tgt Ion:278 Resp: 14243

Ion Ratio Lower Upper

278 100

139 22.0 17.4 26.0

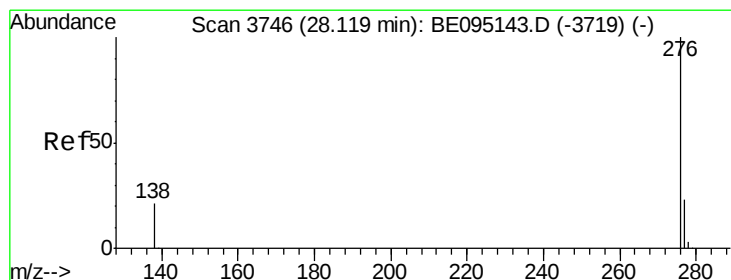
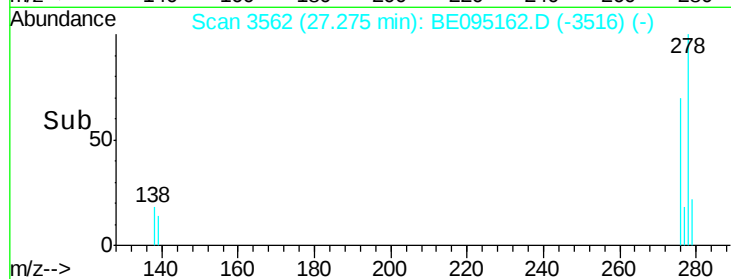
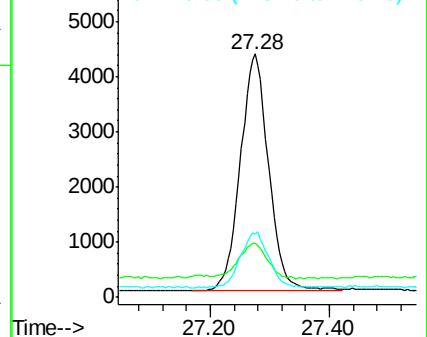
279 25.8 25.9 38.9#



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



#26

Benzo(g,h,i)perylene

Concen: 0.405 ng/ul

RT: 28.13 min Scan# 3749

Delta R.T. 0.01 min

Lab File: BE095162.D

Acq: 27 Jan 2018 12:24

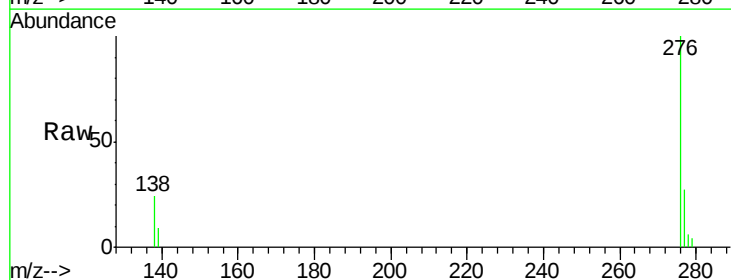
Tgt Ion:276 Resp: 14478

Ion Ratio Lower Upper

276 100

138 24.3 21.8 32.8

277 27.2 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

