

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094612.D
 Acq On : 28 Oct 2017 00:59
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.462

Quant Time: Oct 30 01:13:04 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 01:11:00 2017
 Response via : Initial Calibration

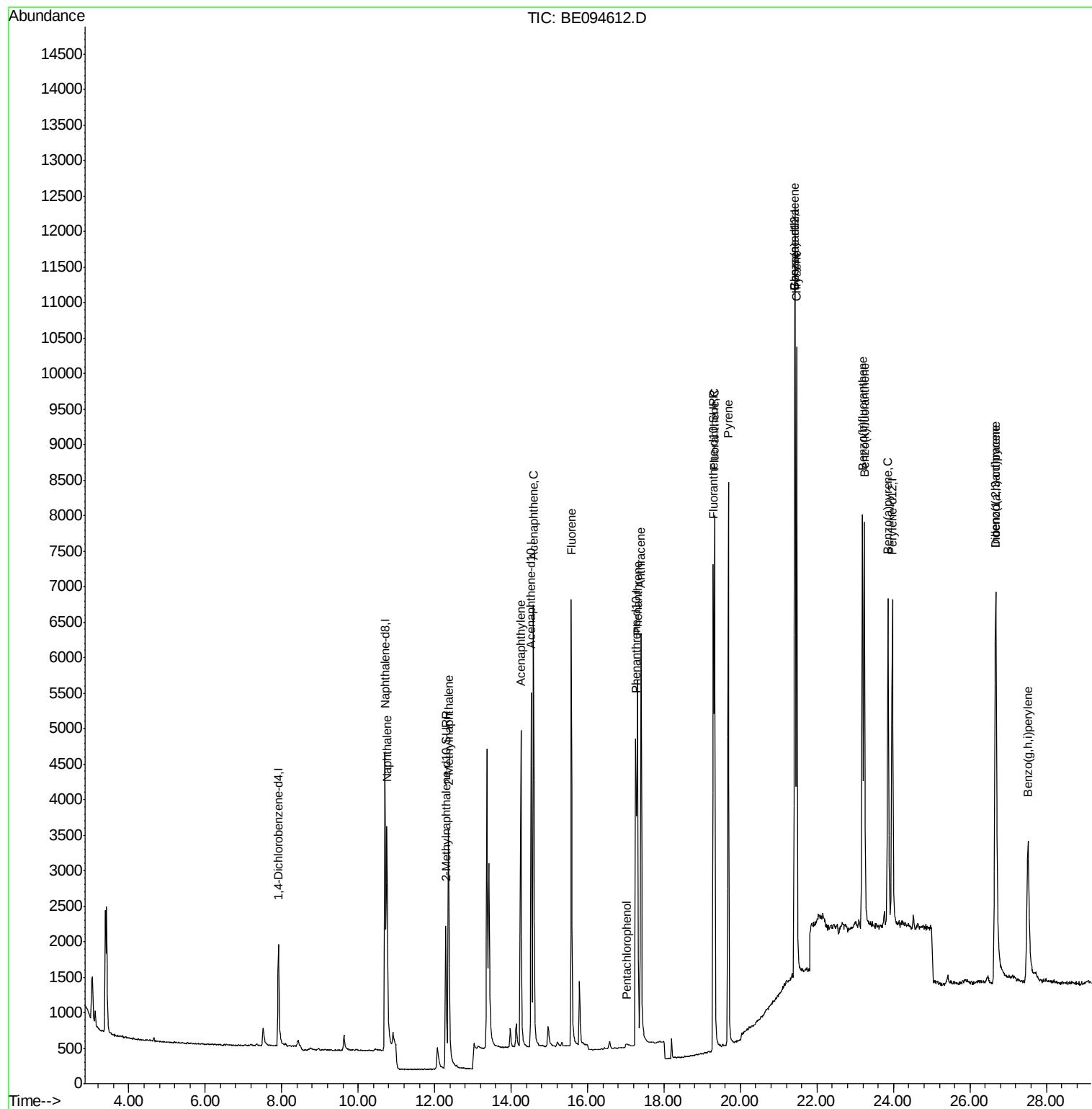
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1100	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	6371	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3451	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7561	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	7731	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	7512	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4027	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	9196	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	6015	0.39	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	4212	0.39	ng/ul	97
7) Acenaphthylene	14.25	152	6421	0.41	ng/ul	97
8) Acenaphthene	14.58	153	4476	0.40	ng/ul	96
9) Fluorene	15.57	166	5080	0.40	ng/ul	90
11) Pentachlorophenol	17.02	266	159	0.42	ng/ul	94
12) Phenanthrene	17.31	178	7800	0.39	ng/ul#	93
13) Anthracene	17.40	178	8034	0.41	ng/ul#	92
15) Fluoranthene	19.32	202	9507	0.41	ng/ul	84
17) Pyrene	19.68	202	10129	0.42	ng/ul#	83
18) Benzo(a)anthracene	21.41	228	9394	0.43	ng/ul#	88
19) Chrysene	21.47	228	9118	0.40	ng/ul	95
21) Benzo(b)fluoranthene	23.19	252	8592	0.41	ng/ul	92
22) Benzo(k)fluoranthene	23.24	252	9030	0.40	ng/ul#	91
23) Benzo(a)pyrene	23.86	252	8596	0.41	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.67	276	8494	0.39	ng/ul#	82
25) Dibenzo(a,h)anthracene	26.67	278	7407	0.40	ng/ul#	90
26) Benzo(g,h,i)perylene	27.52	276	6335	0.36	ng/ul#	83

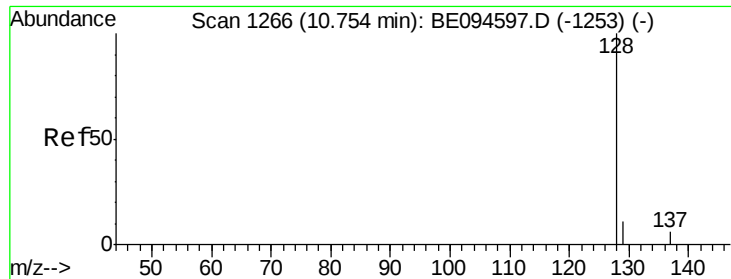
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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#3

Naphthalene

Concen: 0.39 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BE094612.D

Acq: 28 Oct 2017 00:59

Instrument :

BNA_E

ClientSampleId :

SSTD0.462

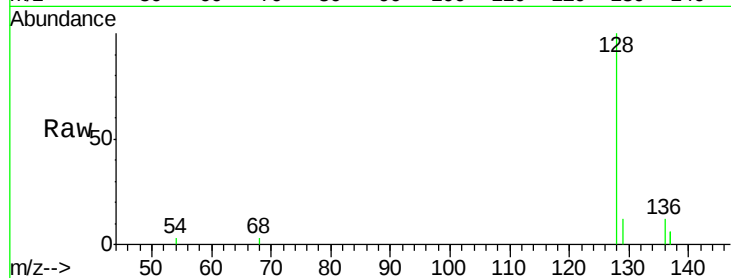
Tot Ion:128 Resp: 6015

Ion Ratio Lower Upper

128 100

129 12.4 11.3 16.9

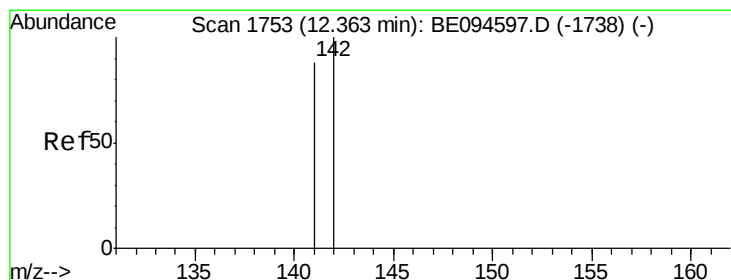
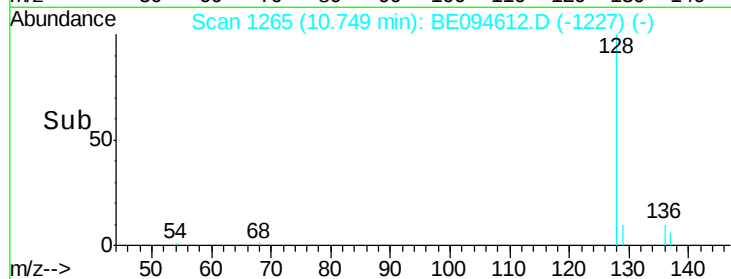
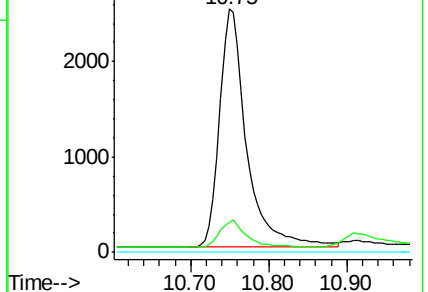
127 0.0 4.0 6.0#



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: 0.39 ng/ul

RT: 12.36 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BE094612.D

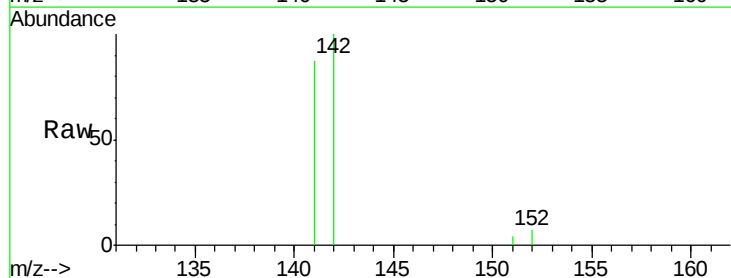
Acq: 28 Oct 2017 00:59

Tgt Ion:142 Resp: 4212

Ion Ratio Lower Upper

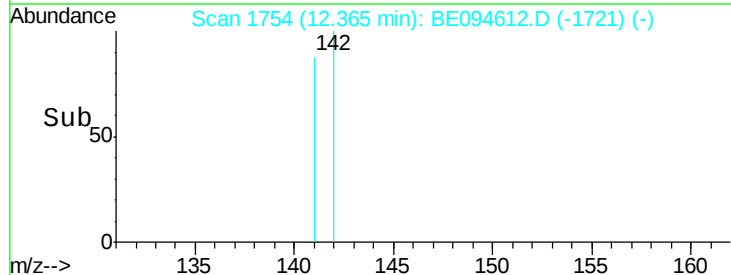
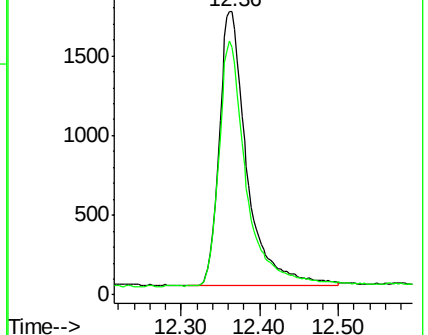
142 100

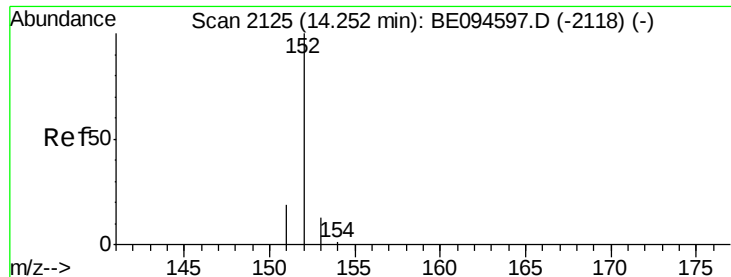
141 88.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.41 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE094612.D

Acq: 28 Oct 2017 00:59

Instrument :

BNA_E

ClientSampleId :

SSTD0.462

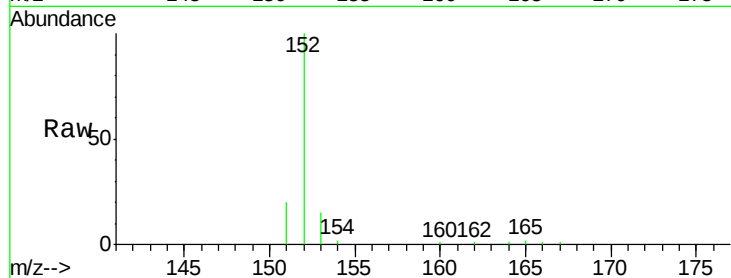
Tot Ion:152 Resp: 6421

Ion Ratio Lower Upper

152 100

151 19.8 17.1 25.7

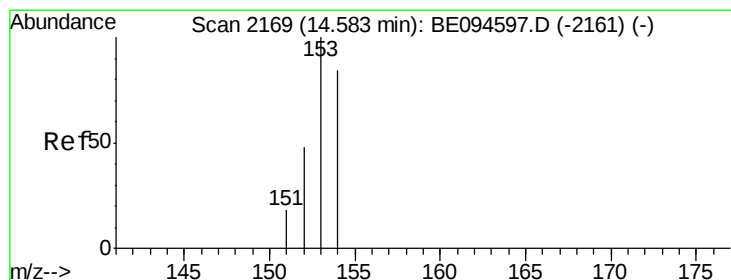
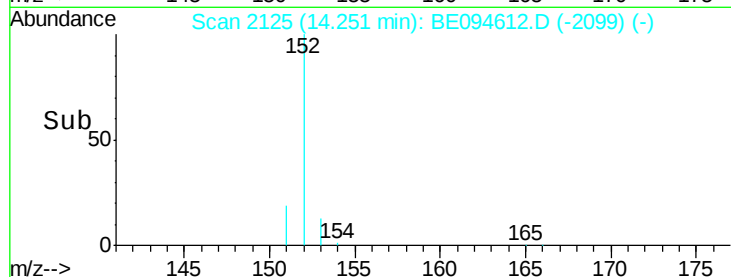
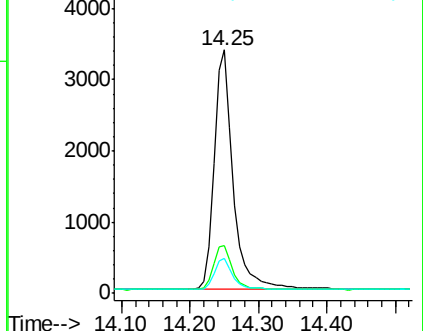
153 14.6 12.8 19.2



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: 0.40 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BE094612.D

Acq: 28 Oct 2017 00:59

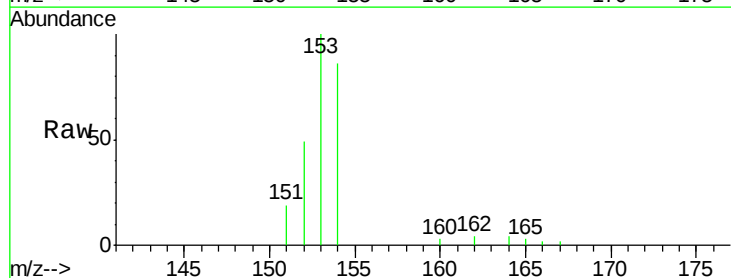
Tgt Ion:153 Resp: 4476

Ion Ratio Lower Upper

153 100

152 48.5 36.0 54.0

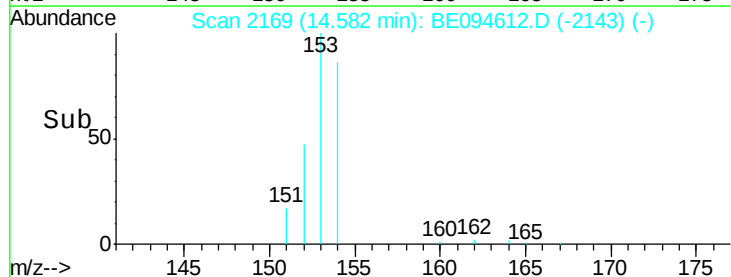
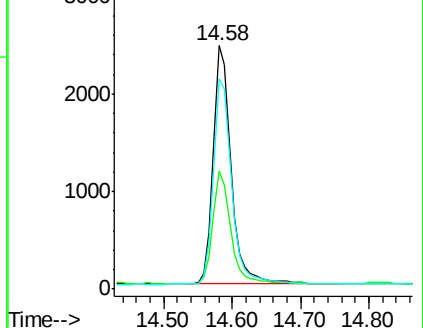
154 86.4 72.0 108.0

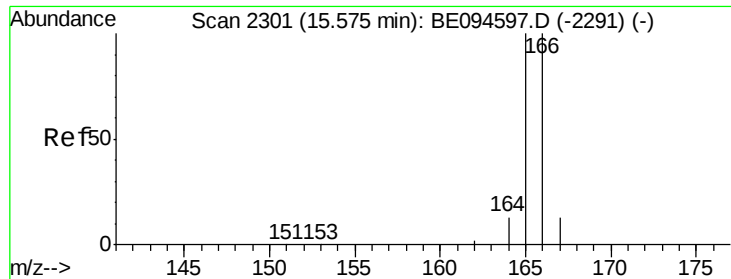


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.40 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BE094612.D

Acq: 28 Oct 2017 00:59

Instrument :

BNA_E

ClientSampleId :

SSTD0.462

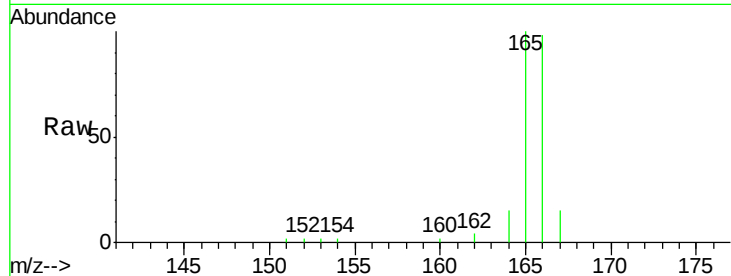
Tot Ion:166 Resp: 5080

Ion Ratio Lower Upper

166 100

165 101.8 73.4 110.2

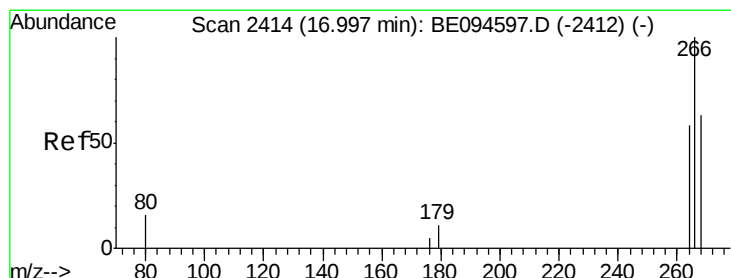
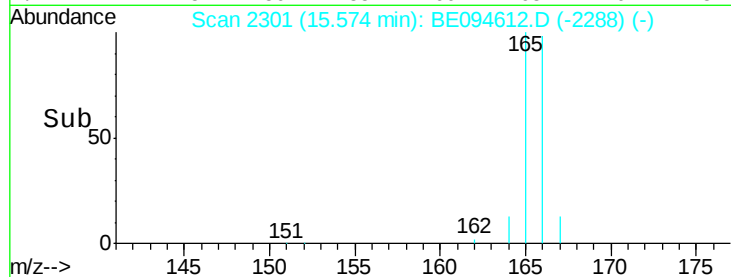
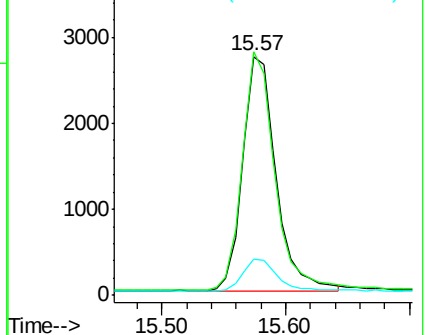
167 15.0 14.6 22.0



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: 0.42 ng/ul

RT: 17.02 min Scan# 2415

Delta R.T. 0.02 min

Lab File: BE094612.D

Acq: 28 Oct 2017 00:59

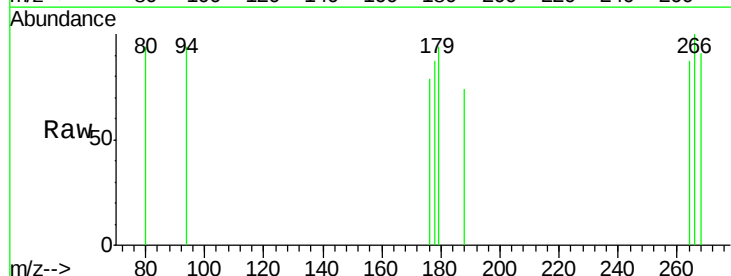
Tgt Ion:266 Resp: 159

Ion Ratio Lower Upper

266 100

264 62.9 47.9 71.9

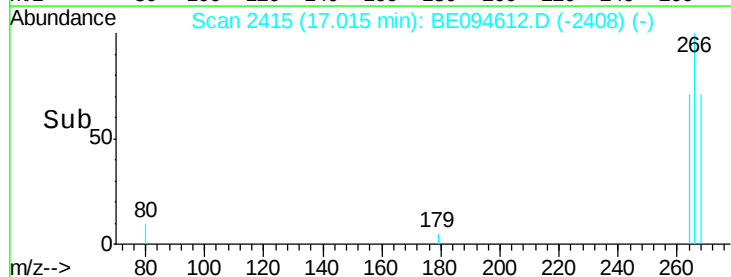
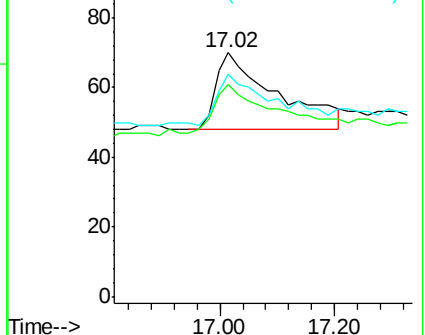
268 56.0 49.8 74.8

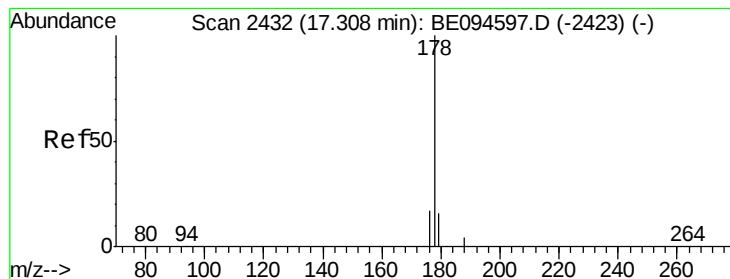


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.39 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE094612.D

Acq: 28 Oct 2017 00:59

Instrument :

BNA_E

ClientSampleId :

SSTD0.462

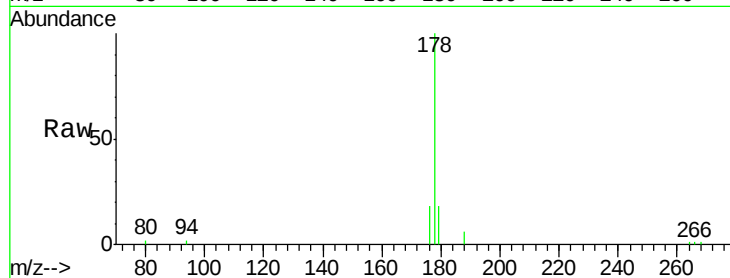
Tot Ion:178 Resp: 7800

Ion Ratio Lower Upper

178 100

179 18.0 18.4 27.6#

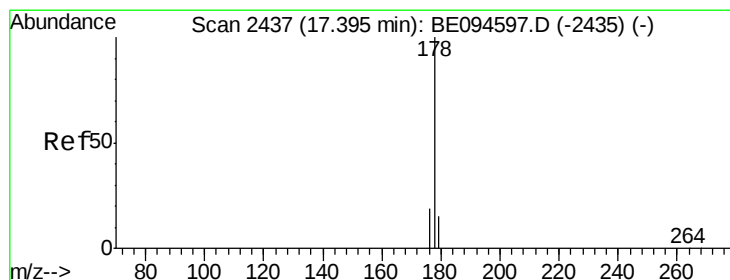
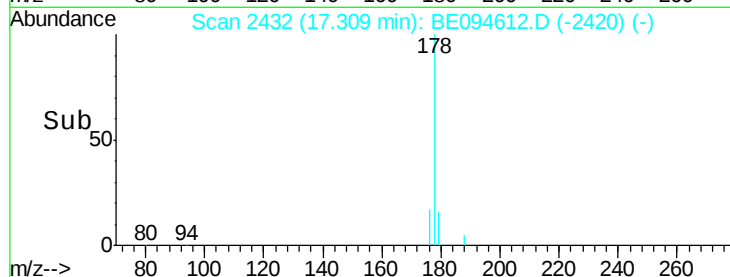
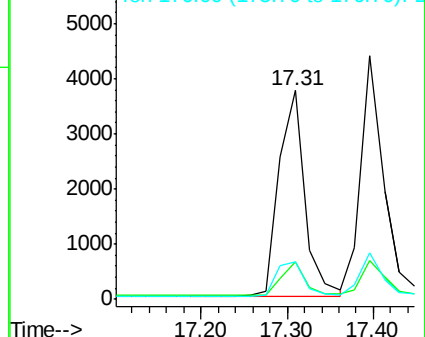
176 17.8 13.6 20.4



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: 0.41 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094612.D

Acq: 28 Oct 2017 00:59

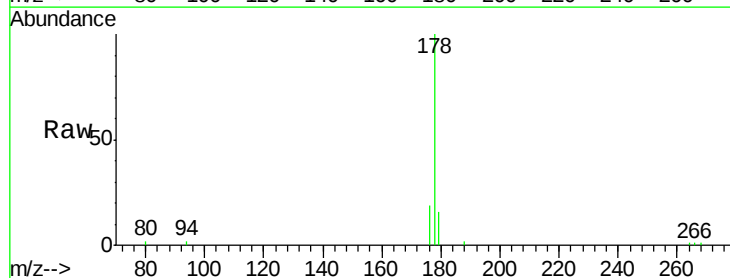
Tgt Ion:178 Resp: 8034

Ion Ratio Lower Upper

178 100

179 16.1 18.1 27.1#

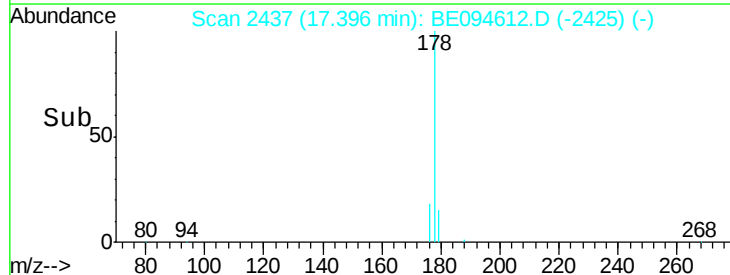
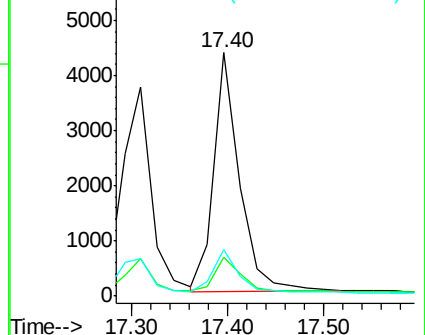
176 19.0 14.7 22.1

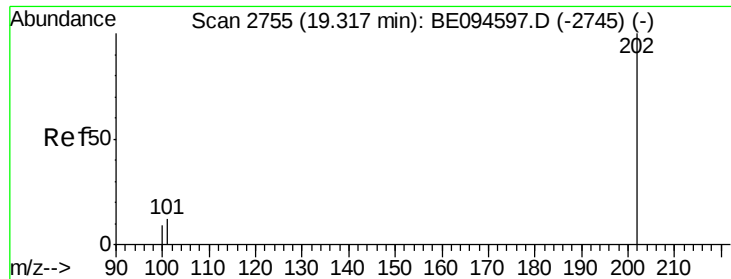


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.41 ng/ul

RT: 19.32 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BE094612.D

Acq: 28 Oct 2017 00:59

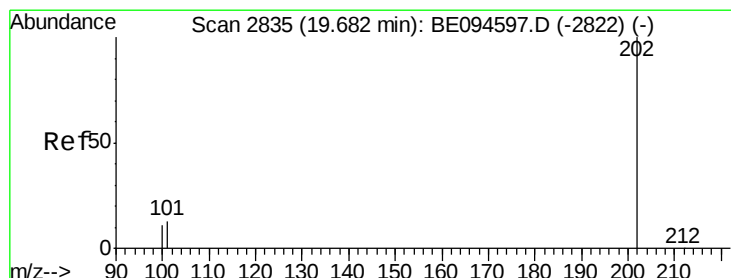
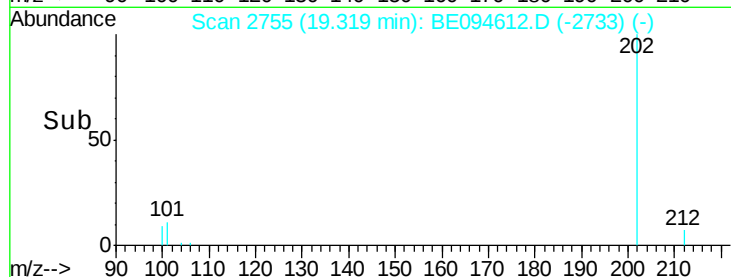
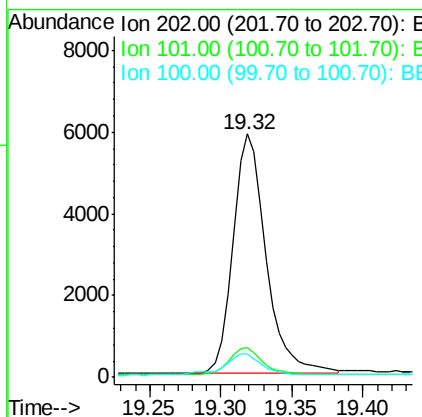
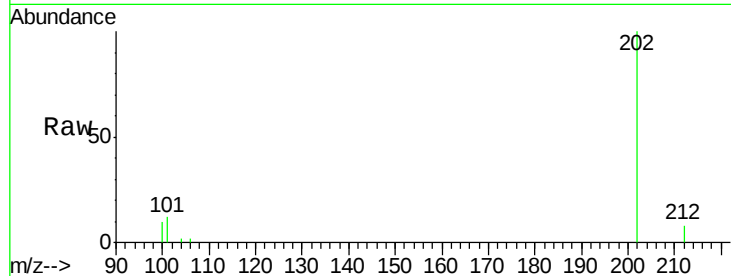
Instrument :

BNA_E

ClientSampleId :

SSTD0.462

Tot Ion:	202	Resp:	9507
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.3
100	9.8	0.0	39.5



#17

Pyrene

Concen: 0.42 ng/ul

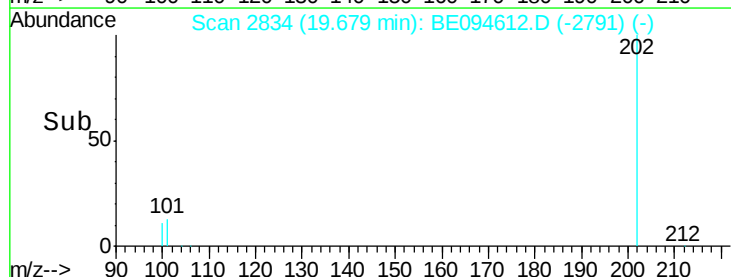
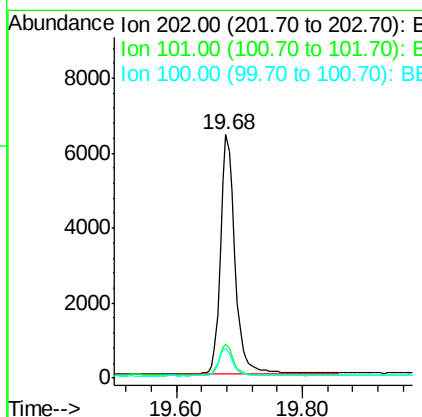
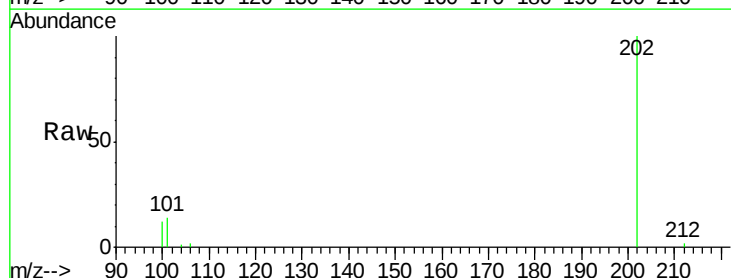
RT: 19.68 min Scan# 2834

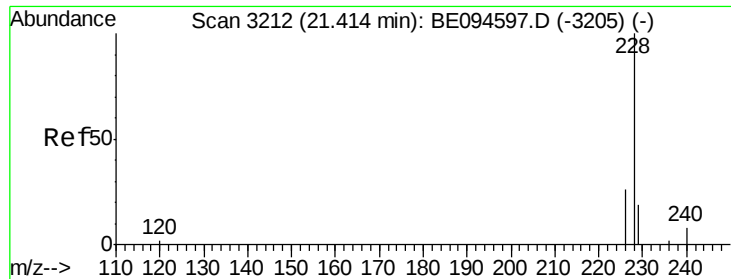
Delta R.T. -0.00 min

Lab File: BE094612.D

Acq: 28 Oct 2017 00:59

Tgt Ion:	202	Resp:	10129
Ion	Ratio	Lower	Upper
202	100		
101	13.8	18.2	27.4#
100	12.1	15.6	23.4#

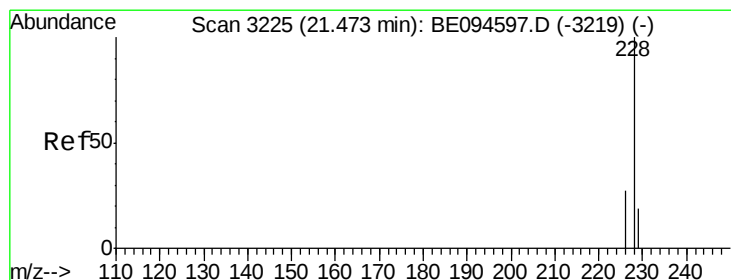
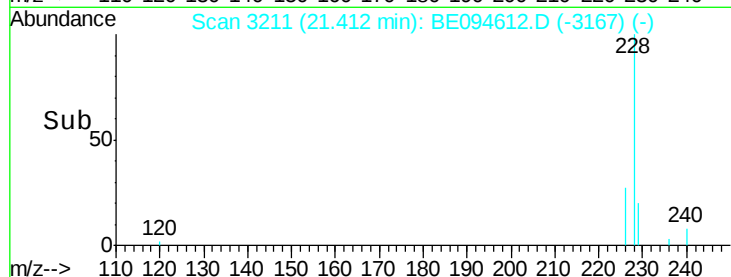
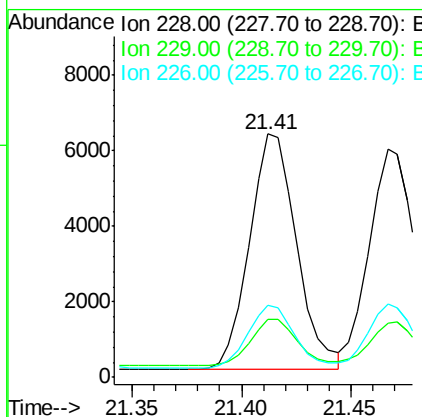
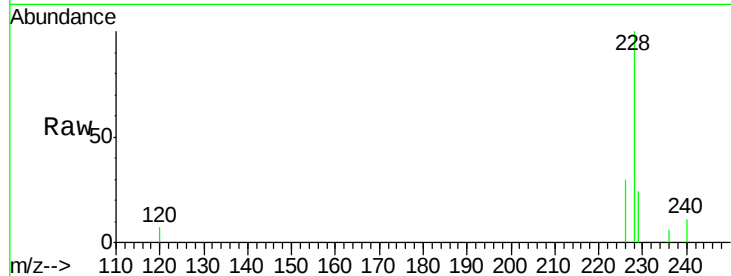




#18
Benzo(a)anthracene
Concen: 0.43 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094612.D
Acq: 28 Oct 2017 00:59

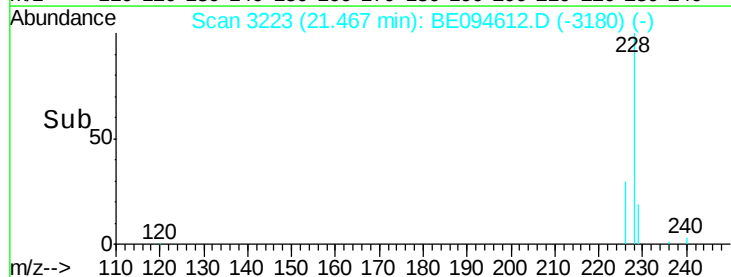
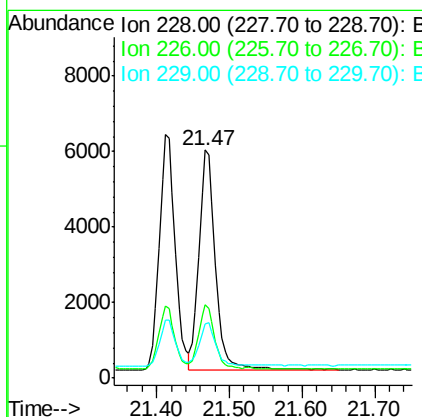
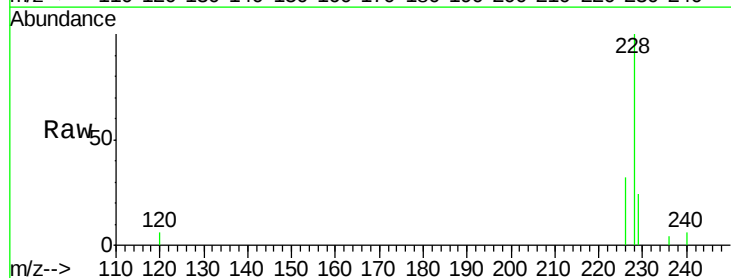
Instrument :
BNA_E
ClientSampleId :
SSTD0.462

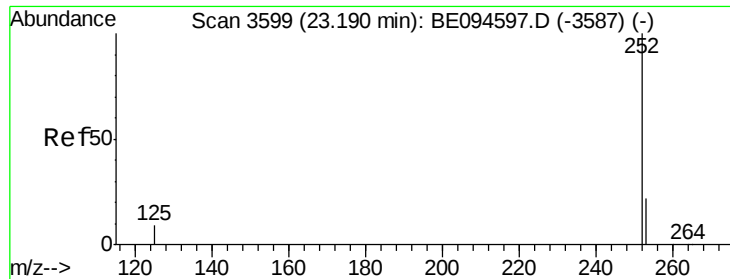
Tot Ion:228 Resp: 9394
Ion Ratio Lower Upper
228 100
229 24.0 22.8 34.2
226 29.5 17.0 25.6#



#19
Chrysene
Concen: 0.40 ng/ul
RT: 21.47 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BE094612.D
Acq: 28 Oct 2017 00:59

Tgt Ion:228 Resp: 9118
Ion Ratio Lower Upper
228 100
226 32.3 23.4 35.0
229 23.8 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.41 ng/ul

RT: 23.19 min Scan# 3597

Delta R.T. -0.00 min

Lab File: BE094612.D

Acq: 28 Oct 2017 00:59

Instrument :

BNA_E

ClientSampleId :

SSTD0.462

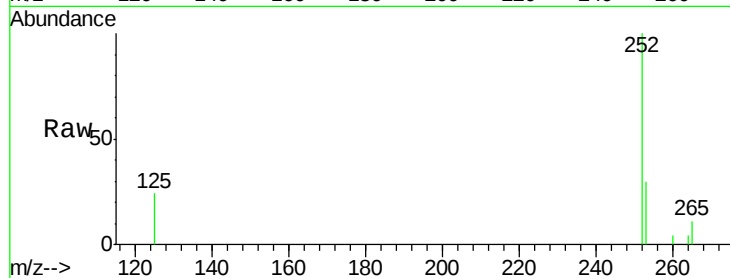
Tot Ion:252 Resp: 8592

Ion Ratio Lower Upper

252 100

253 29.5 0.0 64.2

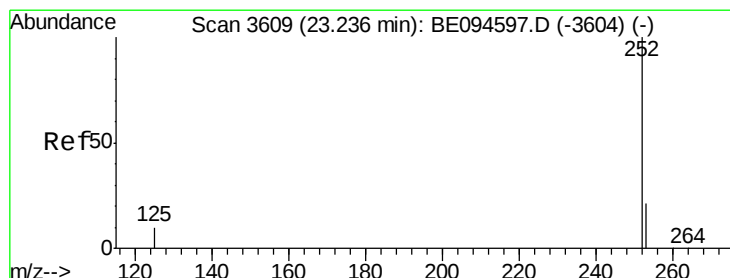
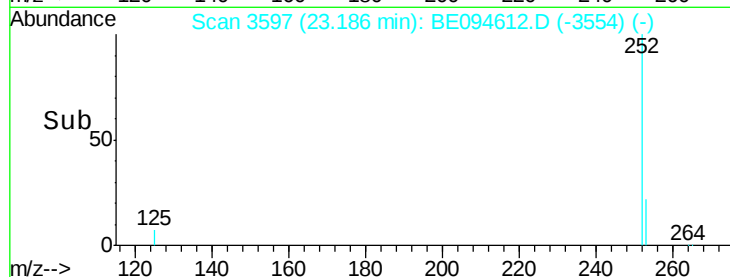
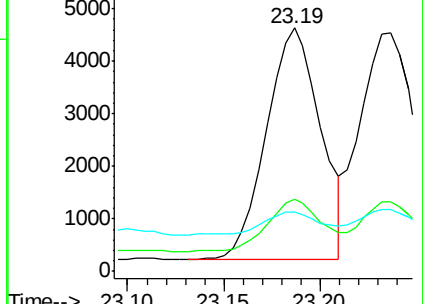
125 24.2 0.0 35.0



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: 0.40 ng/ul

RT: 23.24 min Scan# 3608

Delta R.T. 0.00 min

Lab File: BE094612.D

Acq: 28 Oct 2017 00:59

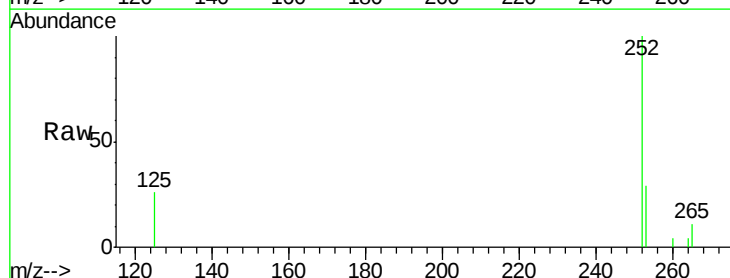
Tgt Ion:252 Resp: 9030

Ion Ratio Lower Upper

252 100

253 29.4 24.5 36.7

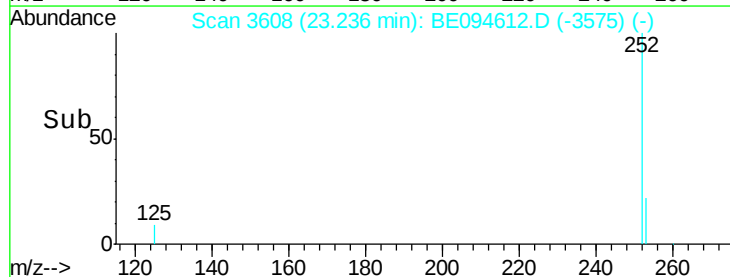
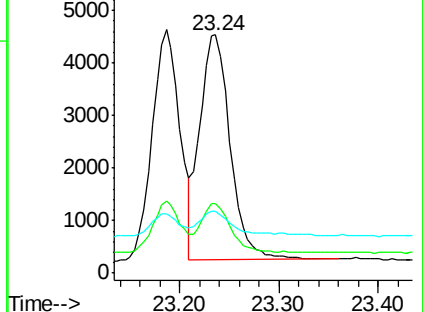
125 25.7 13.7 20.5#

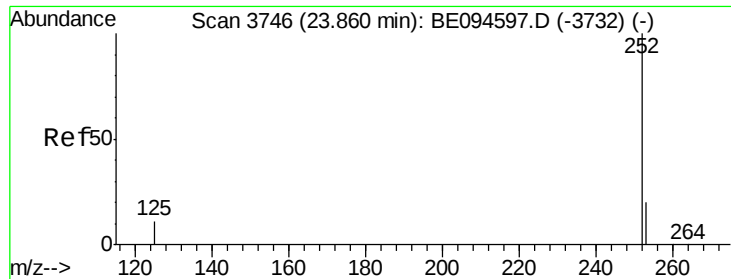


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.41 ng/ul

RT: 23.86 min Scan# 3744

Delta R.T. -0.00 min

Lab File: BE094612.D

Acq: 28 Oct 2017 00:59

Instrument :

BNA_E

ClientSampleId :

SSTD0.462

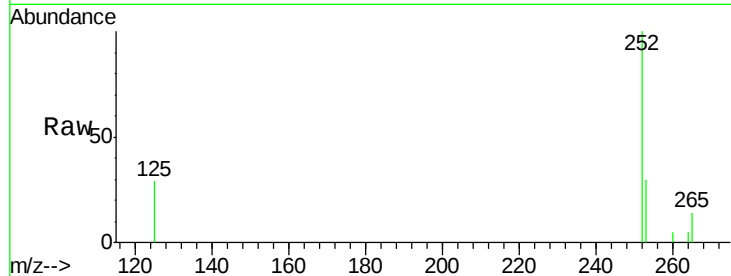
Tot Ion:252 Resp: 8596

Ion Ratio Lower Upper

252 100

253 30.5 28.5 42.7

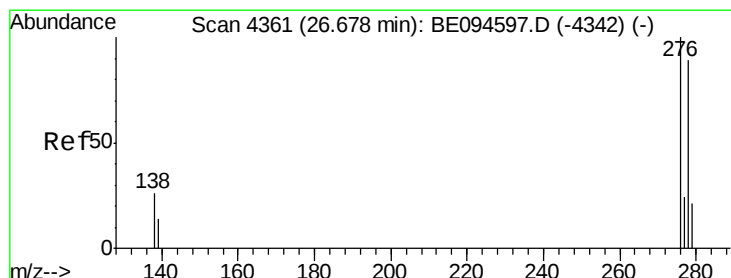
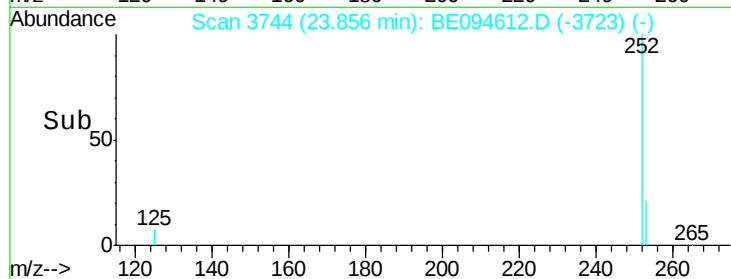
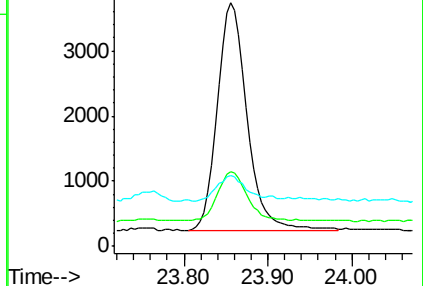
125 28.9 18.1 27.1#



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: 0.39 ng/ul

RT: 26.67 min Scan# 4359

Delta R.T. -0.00 min

Lab File: BE094612.D

Acq: 28 Oct 2017 00:59

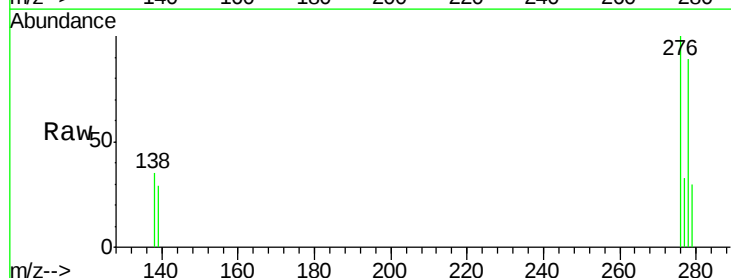
Tgt Ion:276 Resp: 8494

Ion Ratio Lower Upper

276 100

138 25.8 28.0 42.0#

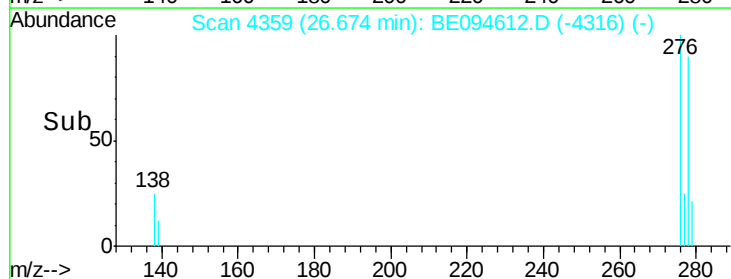
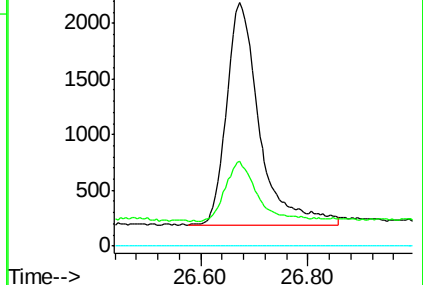
227 0.0 8.0 12.0#

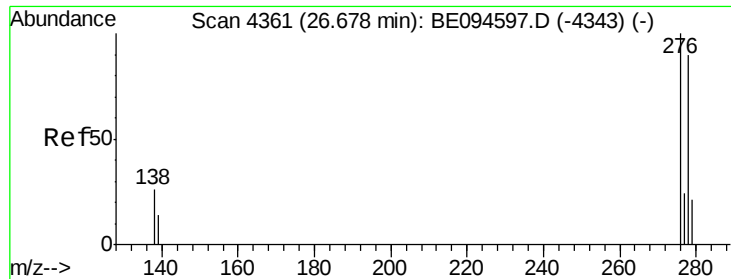


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.40 ng/ul

RT: 26.67 min Scan# 4358

Delta R.T. -0.01 min

Lab File: BE094612.D

Acq: 28 Oct 2017 00:59

Instrument :

BNA_E

ClientSampleId :

SSTD0.462

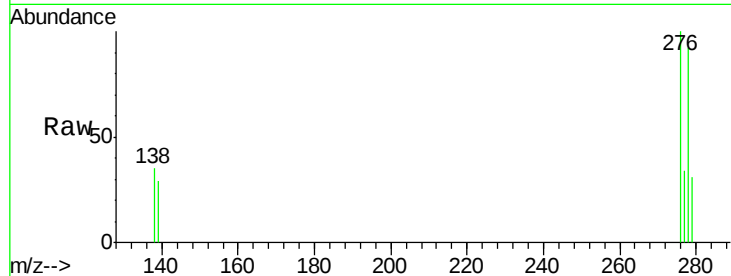
Tot Ion:278 Resp: 7407

Ion Ratio Lower Upper

278 100

139 31.8 17.4 26.0#

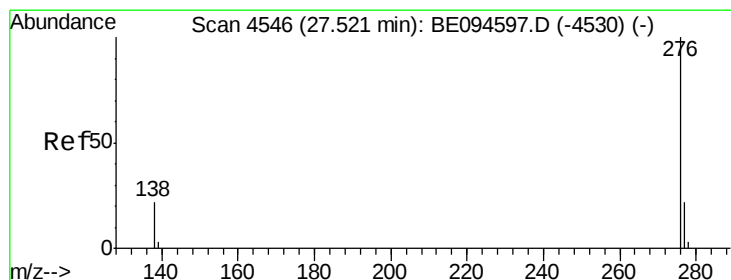
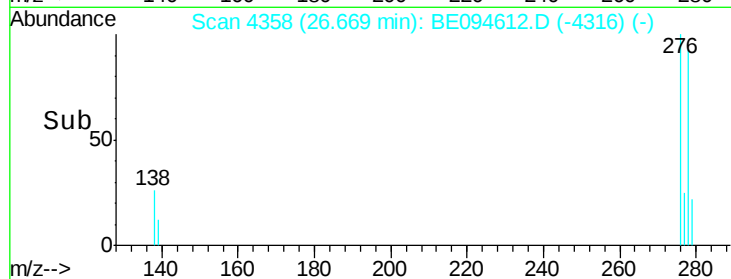
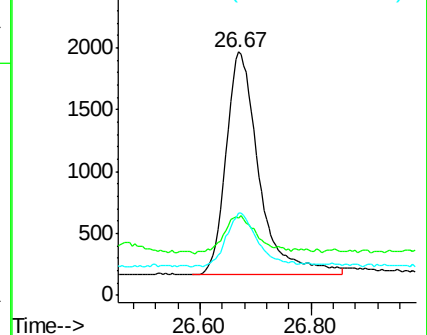
279 34.0 25.9 38.9



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: 0.36 ng/ul

RT: 27.52 min Scan# 4544

Delta R.T. -0.00 min

Lab File: BE094612.D

Acq: 28 Oct 2017 00:59

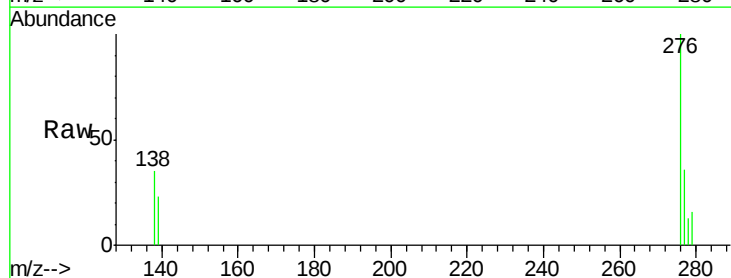
Tgt Ion:276 Resp: 6335

Ion Ratio Lower Upper

276 100

138 34.9 21.8 32.8#

277 35.8 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

