

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094597.D
 Acq On : 27 Oct 2017 15:50
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.461

Quant Time: Oct 30 01:05:32 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

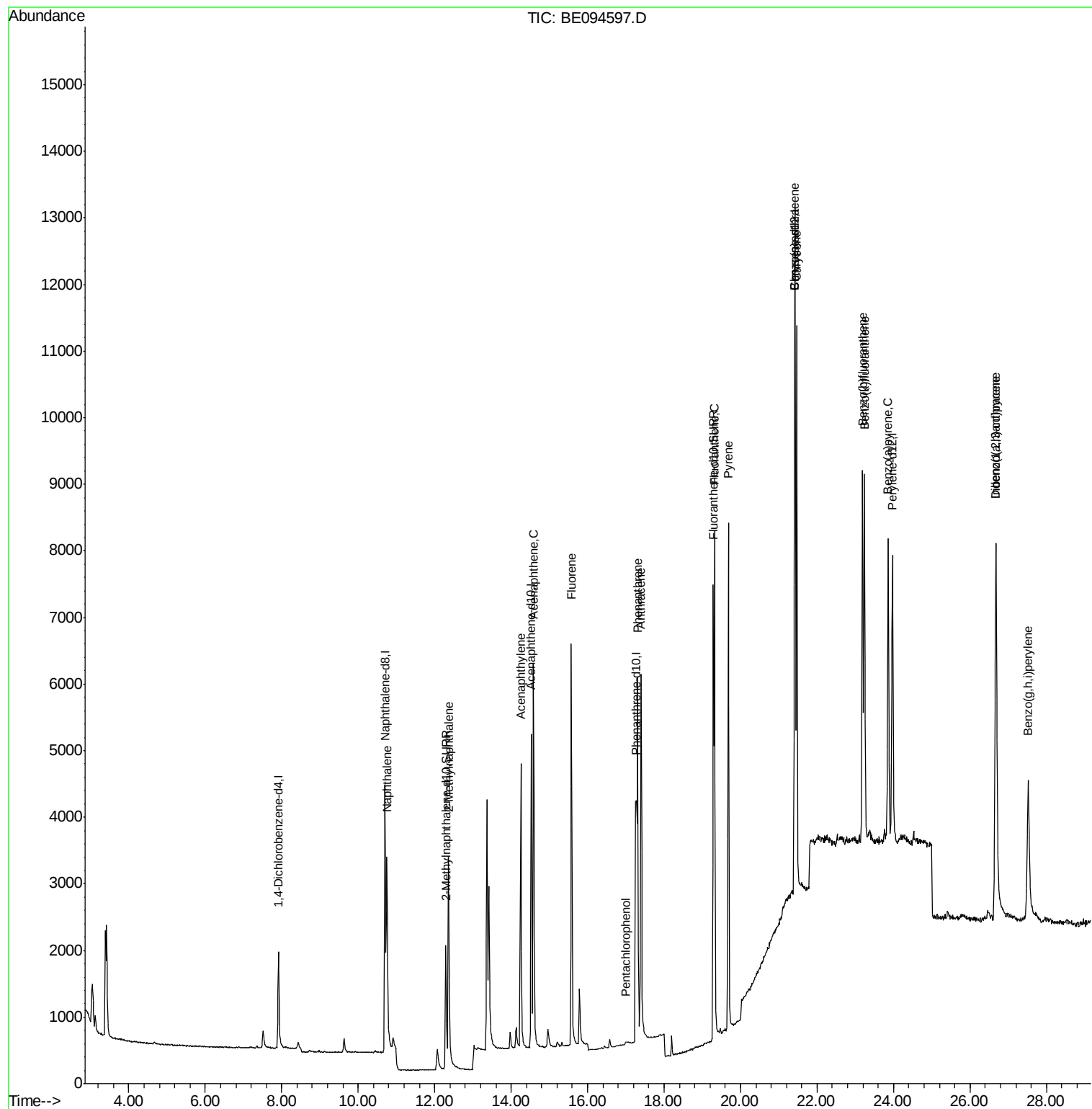
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1007	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	5898	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3281	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	7192	0.40	ng/ul	0.02
16) Chrysene-d12	21.43	240	7404	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	7173	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3746	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	9047	0.42	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	5575	0.39	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	3861	0.38	ng/ul	99
7) Acenaphthylene	14.25	152	5949	0.40	ng/ul	97
8) Acenaphthene	14.58	153	4214	0.40	ng/ul	94
9) Fluorene	15.58	166	4802	0.40	ng/ul	91
11) Pentachlorophenol	17.00	266	147	0.41	ng/ul#	20
12) Phenanthrene	17.31	178	7595	0.40	ng/ul#	92
13) Anthracene	17.39	178	7930	0.42	ng/ul#	91
15) Fluoranthene	19.32	202	9348	0.43	ng/ul	84
17) Pyrene	19.68	202	9839	0.43	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	8902	0.42	ng/ul#	90
19) Chrysene	21.47	228	8583	0.39	ng/ul#	89
21) Benzo(b)fluoranthene	23.19	252	8425	0.42	ng/ul	85
22) Benzo(k)fluoranthene	23.24	252	8588	0.40	ng/ul#	82
23) Benzo(a)pyrene	23.86	252	8206	0.41	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.68	276	8325	0.40	ng/ul#	82
25) Dibenzo(a,h)anthracene	26.68	278	7291	0.41	ng/ul#	77
26) Benzo(g,h,i)perylene	27.52	276	6219	0.37	ng/ul#	72

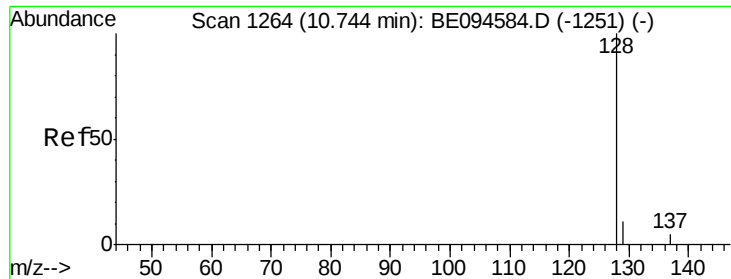
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.39 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE094597.D

Acq: 27 Oct 2017 15:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.461

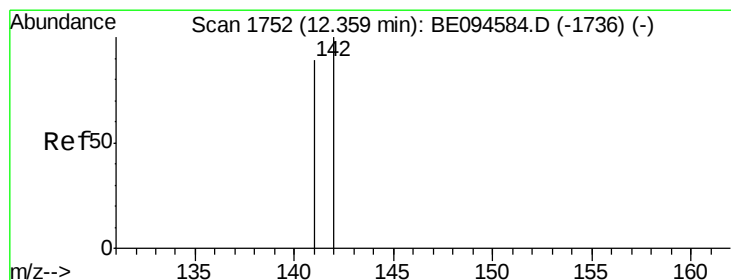
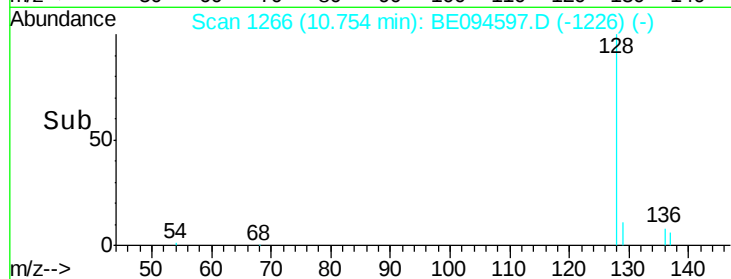
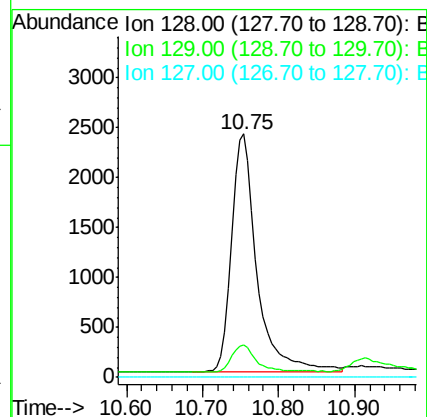
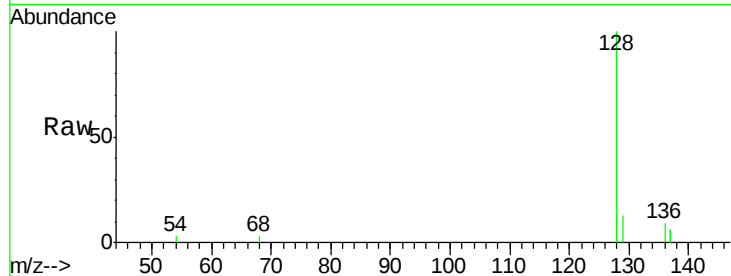
Tot Ion:128 Resp: 5575

Ion Ratio Lower Upper

128 100

129 13.2 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.38 ng/ul

RT: 12.36 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BE094597.D

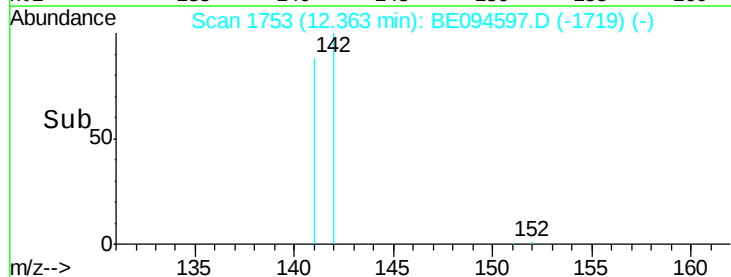
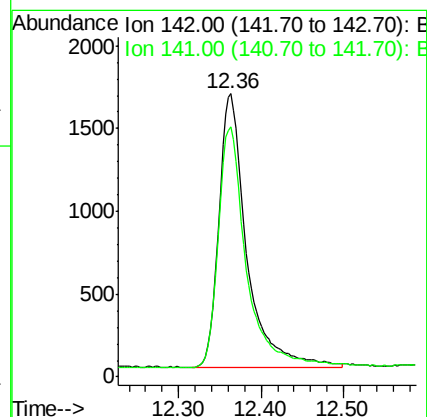
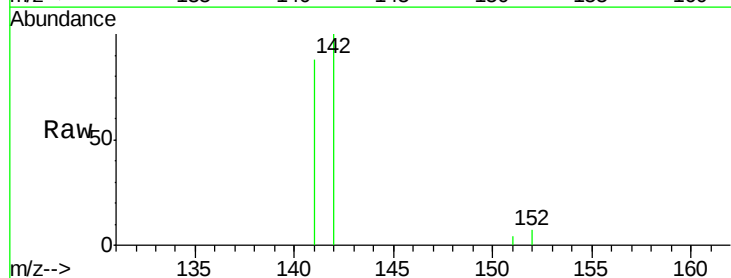
Acq: 27 Oct 2017 15:50

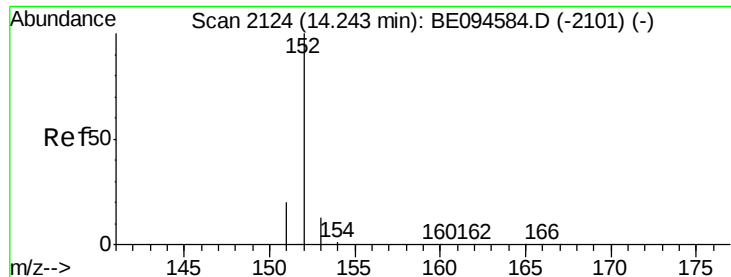
Tgt Ion:142 Resp: 3861

Ion Ratio Lower Upper

142 100

141 89.8 72.6 108.8





#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BE094597.D

Acq: 27 Oct 2017 15:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.461

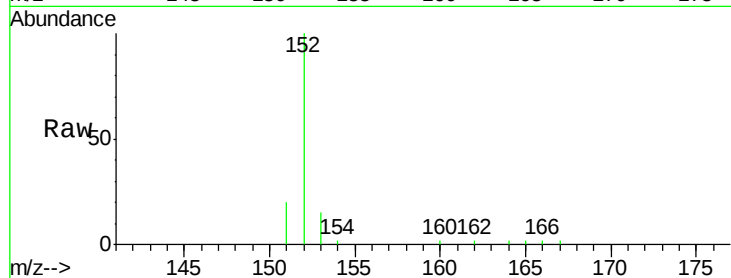
Tot Ion:152 Resp: 5949

Ion Ratio Lower Upper

152 100

151 20.3 17.1 25.7

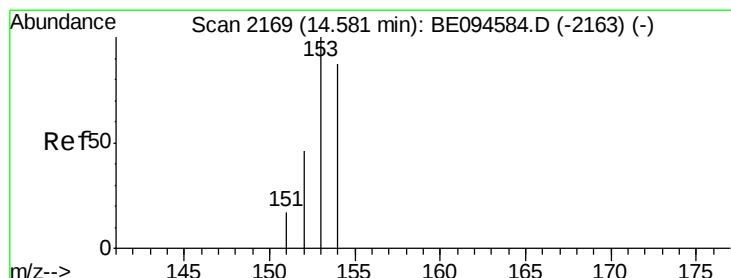
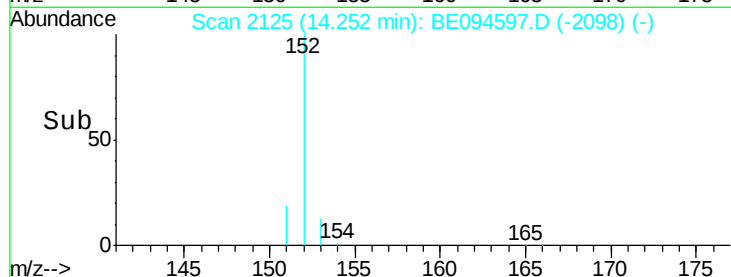
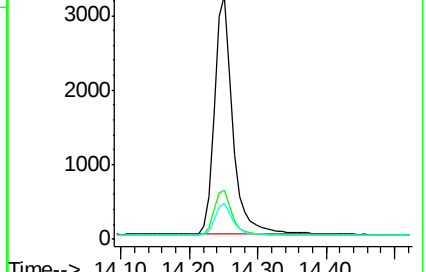
153 14.7 12.8 19.2



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. -0.01 min

Lab File: BE094597.D

Acq: 27 Oct 2017 15:50

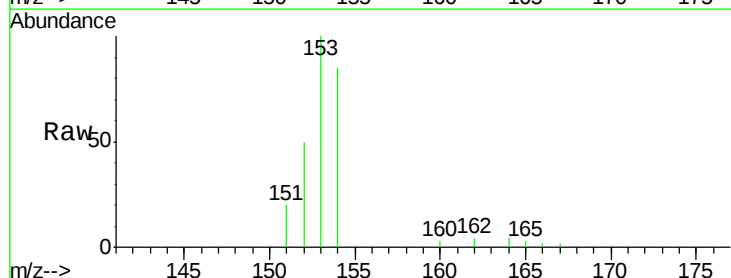
Tgt Ion:153 Resp: 4214

Ion Ratio Lower Upper

153 100

152 49.5 36.0 54.0

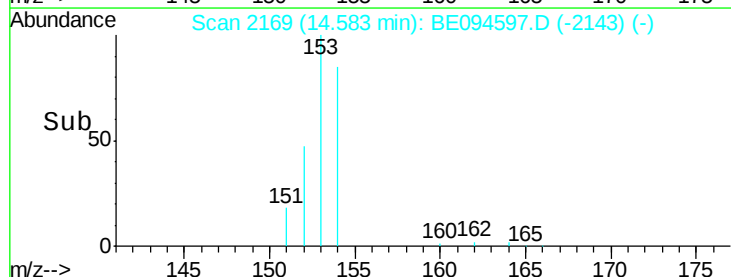
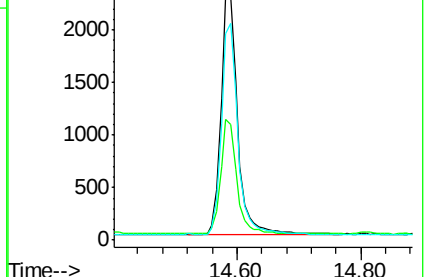
154 84.8 72.0 108.0

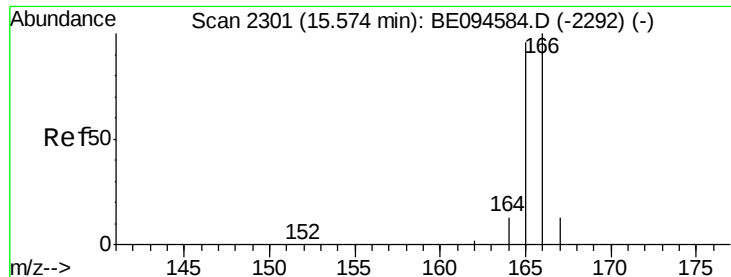


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.40 ng/ul

RT: 15.58 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BE094597.D

Acq: 27 Oct 2017 15:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.461

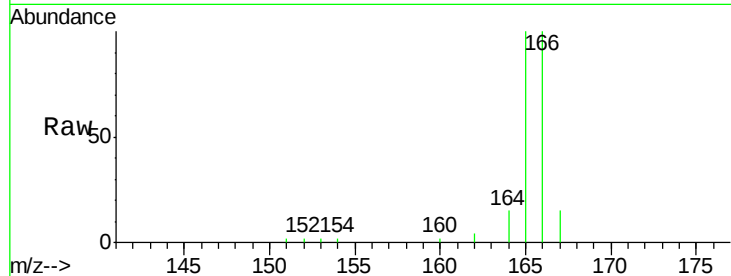
Tot Ion:166 Resp: 4802

Ion Ratio Lower Upper

166 100

165 100.3 73.4 110.2

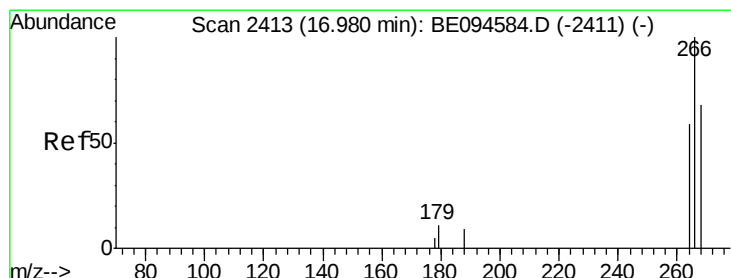
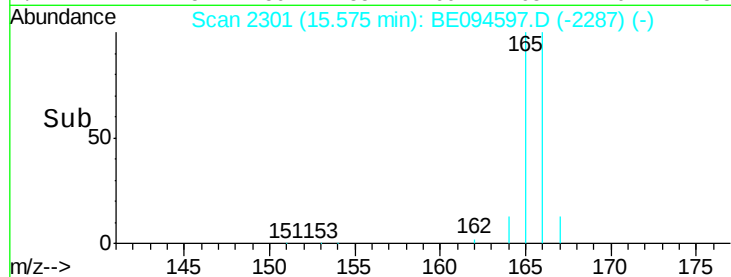
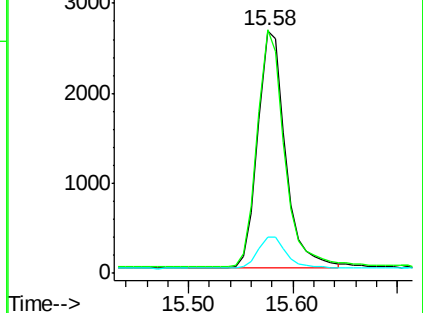
167 15.1 14.6 22.0



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: 0.41 ng/ul

RT: 17.00 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BE094597.D

Acq: 27 Oct 2017 15:50

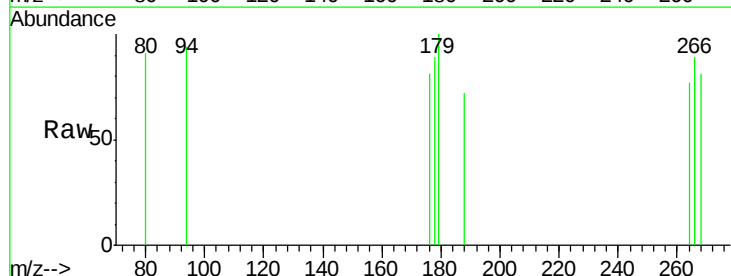
Tgt Ion:266 Resp: 147

Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

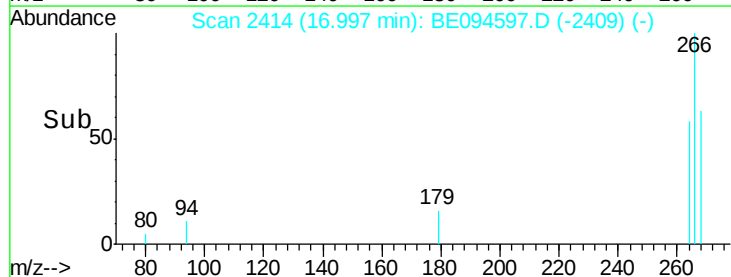
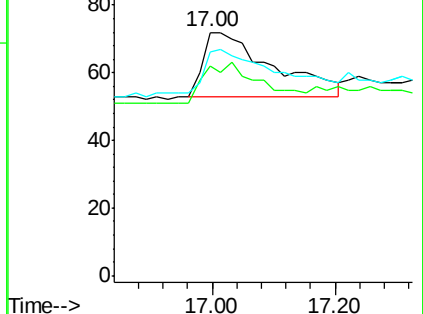
268 0.0 49.8 74.8#

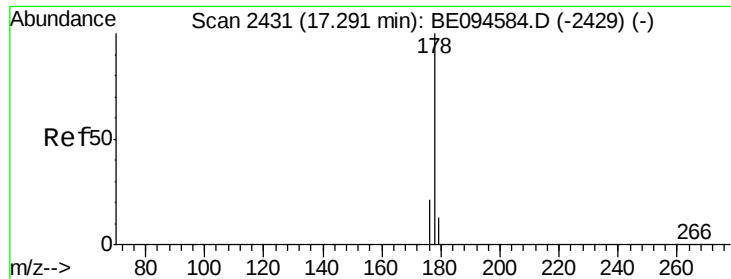


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.40 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE094597.D

Acq: 27 Oct 2017 15:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.461

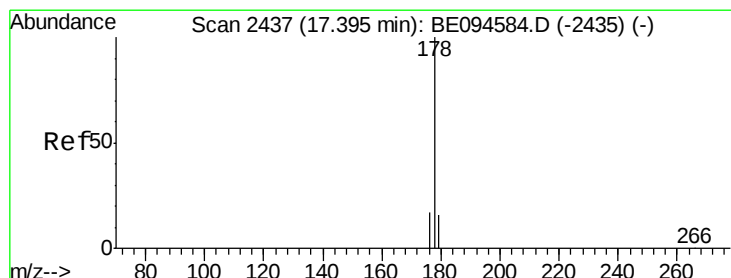
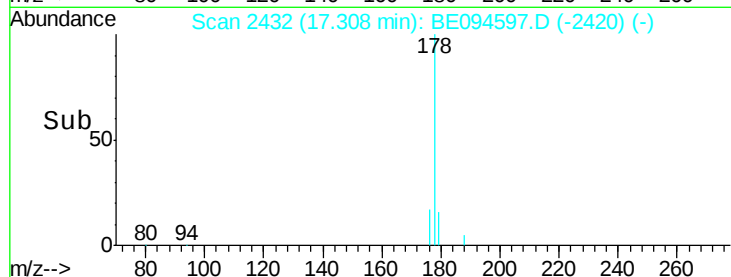
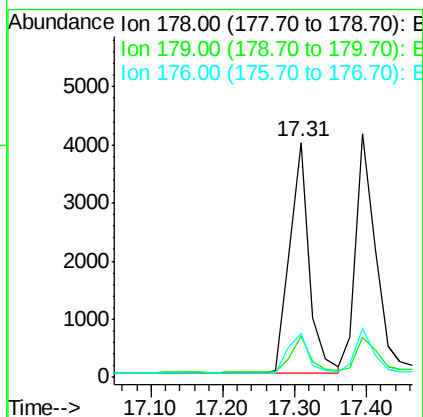
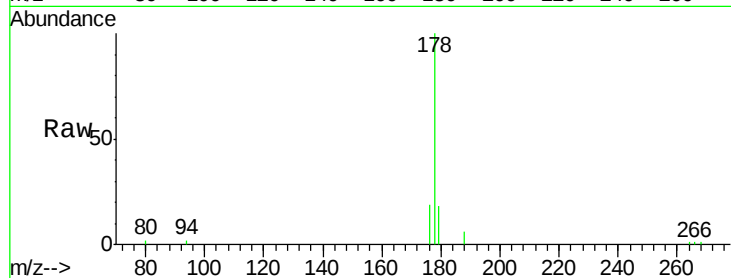
Tot Ion:178 Resp: 7595

Ion Ratio Lower Upper

178 100

179 17.9 18.4 27.6#

176 18.6 13.6 20.4



#13

Anthracene

Concen: 0.42 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094597.D

Acq: 27 Oct 2017 15:50

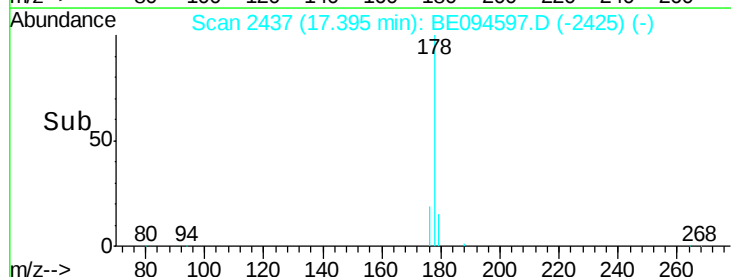
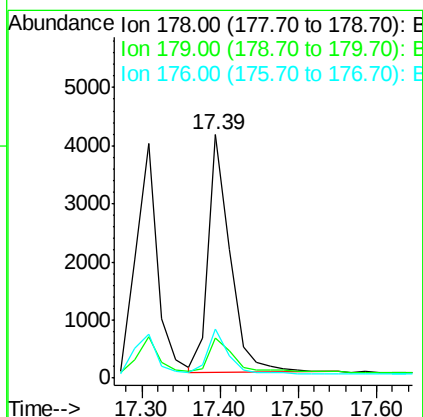
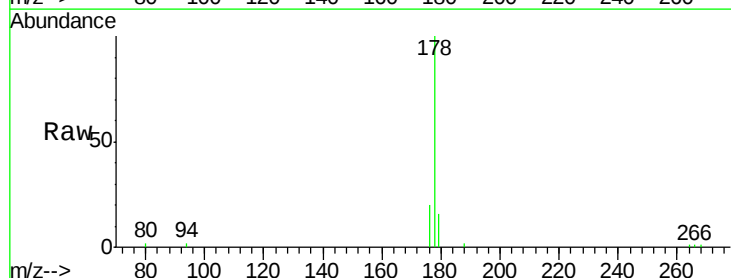
Tgt Ion:178 Resp: 7930

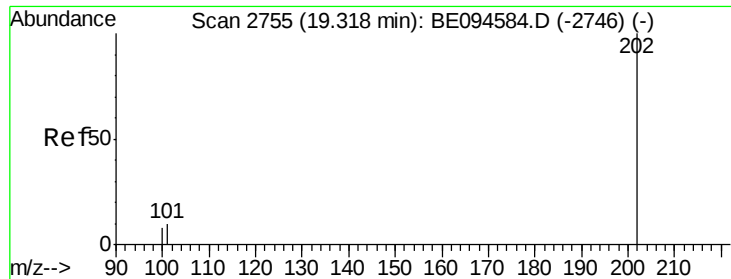
Ion Ratio Lower Upper

178 100

179 16.5 18.1 27.1#

176 20.1 14.7 22.1





#15

Fluoranthene

Concen: 0.43 ng/ul

RT: 19.32 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BE094597.D

Acq: 27 Oct 2017 15:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.461

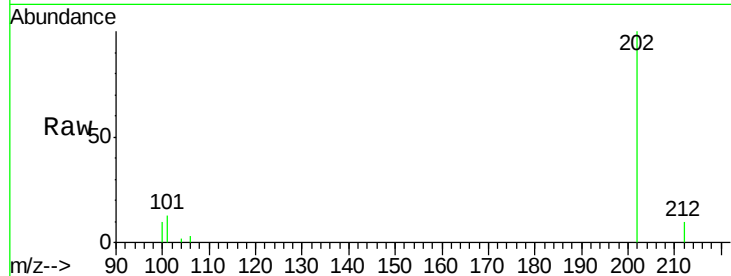
Tot Ion:202 Resp: 9348

Ion Ratio Lower Upper

202 100

101 12.9 0.0 30.3

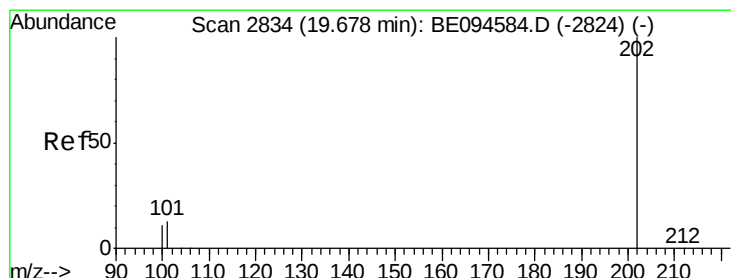
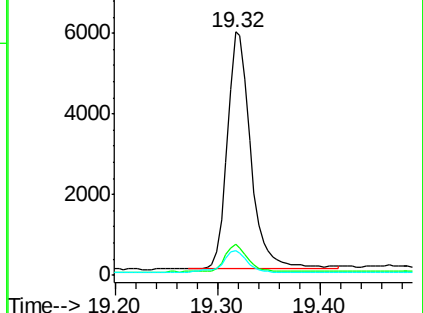
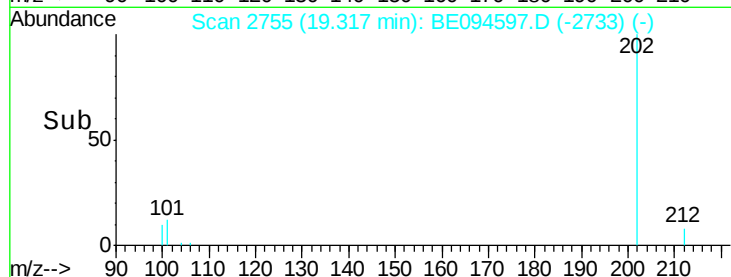
100 10.3 0.0 39.5



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: 0.43 ng/ul

RT: 19.68 min Scan# 2835

Delta R.T. 0.00 min

Lab File: BE094597.D

Acq: 27 Oct 2017 15:50

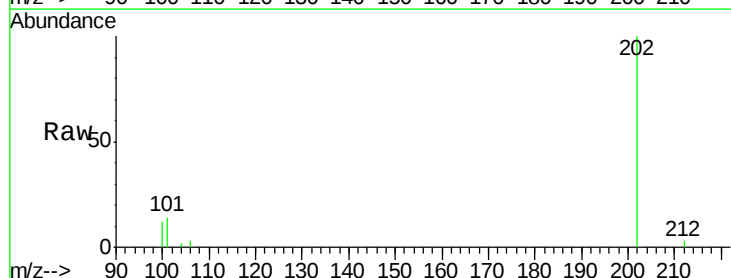
Tgt Ion:202 Resp: 9839

Ion Ratio Lower Upper

202 100

101 14.0 18.2 27.4#

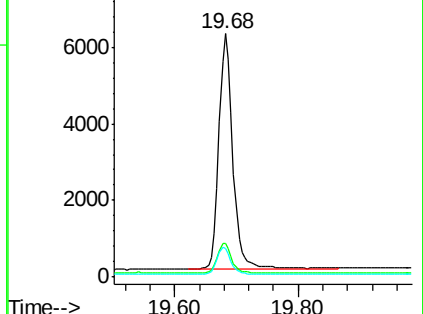
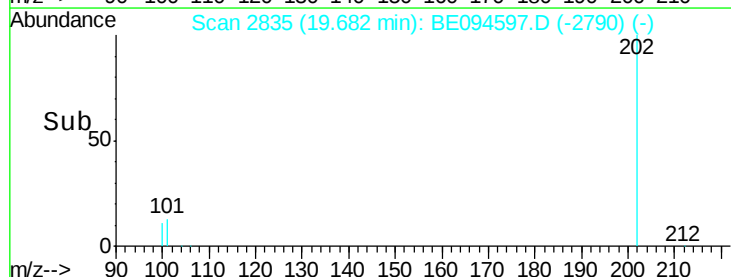
100 11.6 15.6 23.4#

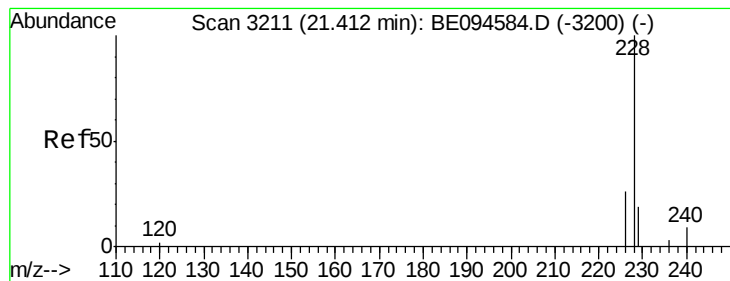


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.42 ng/ul

RT: 21.41 min Scan# 3212

Delta R.T. 0.01 min

Lab File: BE094597.D

Acq: 27 Oct 2017 15:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.461

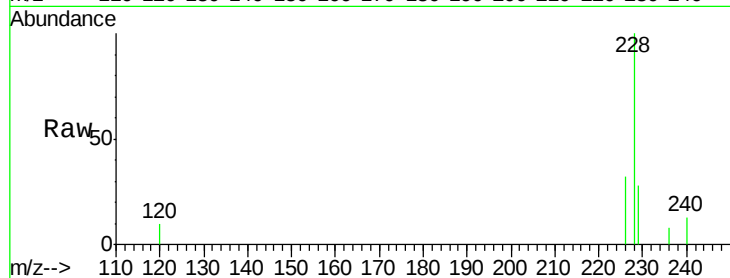
Tot Ion:228 Resp: 8902

Ion Ratio Lower Upper

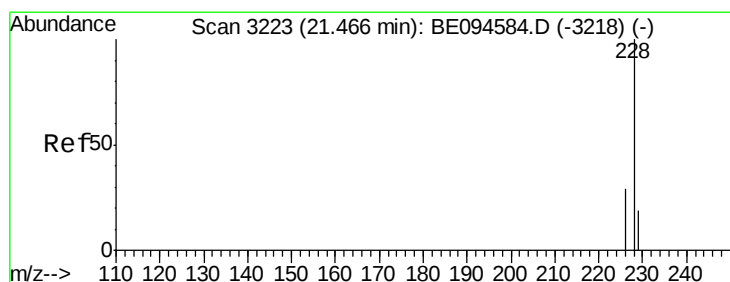
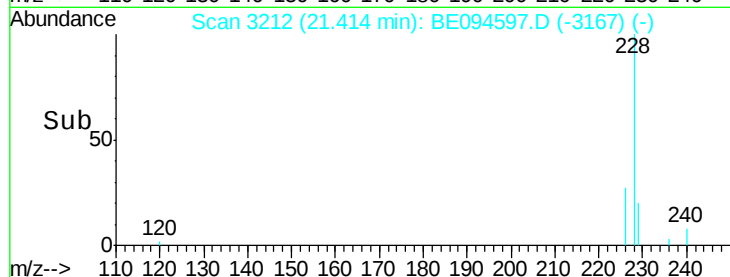
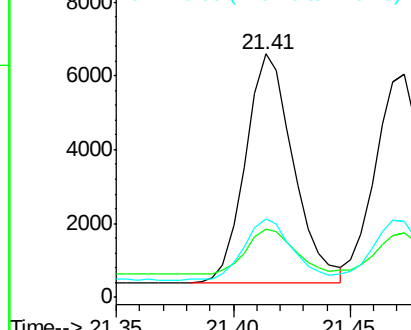
228 100

229 28.0 22.8 34.2

226 32.2 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: 0.39 ng/ul

RT: 21.47 min Scan# 3225

Delta R.T. 0.01 min

Lab File: BE094597.D

Acq: 27 Oct 2017 15:50

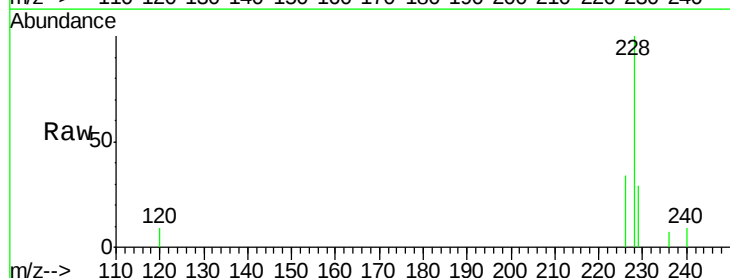
Tgt Ion:228 Resp: 8583

Ion Ratio Lower Upper

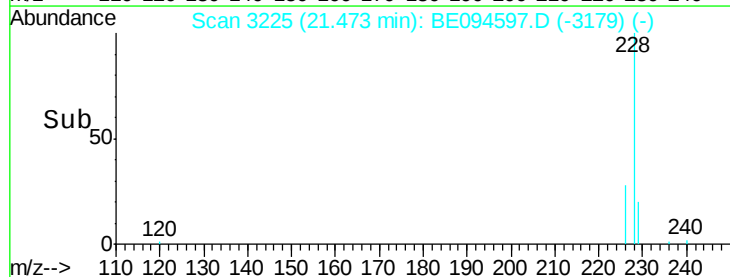
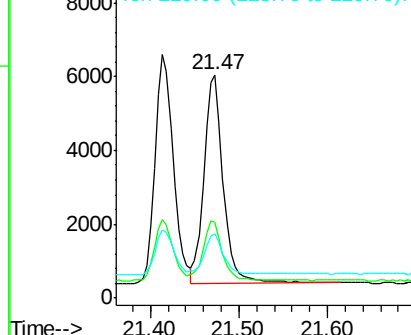
228 100

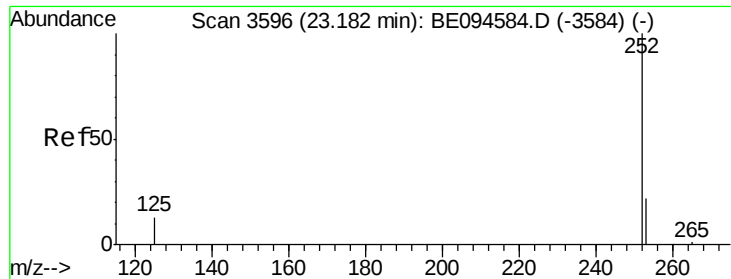
226 34.0 23.4 35.0

229 29.0 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: 0.42 ng/ul

RT: 23.19 min Scan# 3599

Delta R.T. 0.01 min

Lab File: BE094597.D

Acq: 27 Oct 2017 15:50

Instrument :

BNA_E

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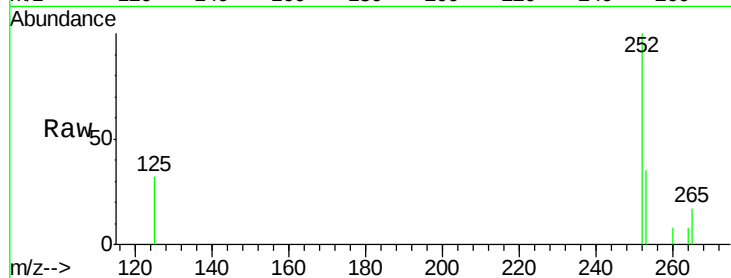
Tot Ion:252 Resp: 8425

Ion Ratio Lower Upper

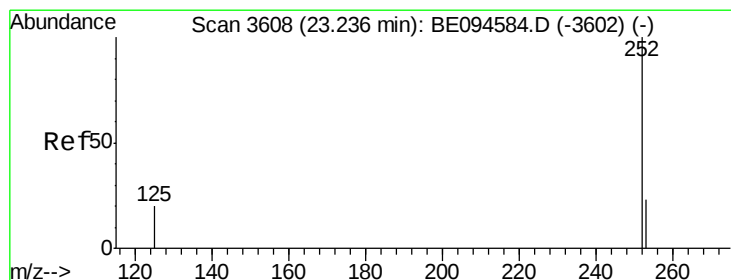
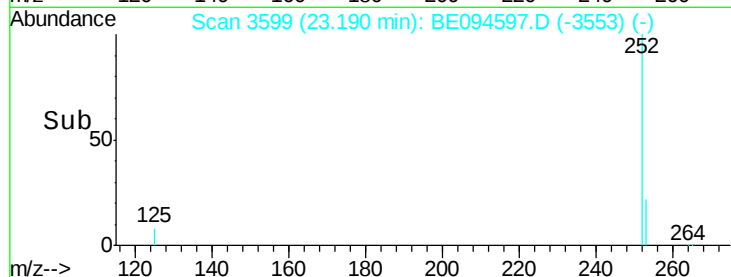
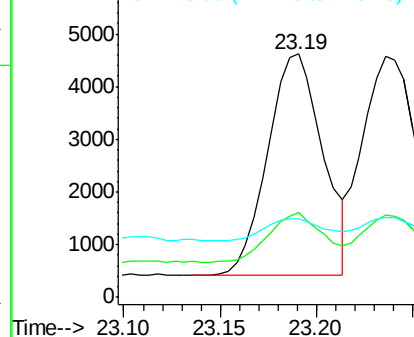
252 100

253 34.7 0.0 64.2

125 32.2 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# 3609

Delta R.T. 0.00 min

Lab File: BE094597.D

Acq: 27 Oct 2017 15:50

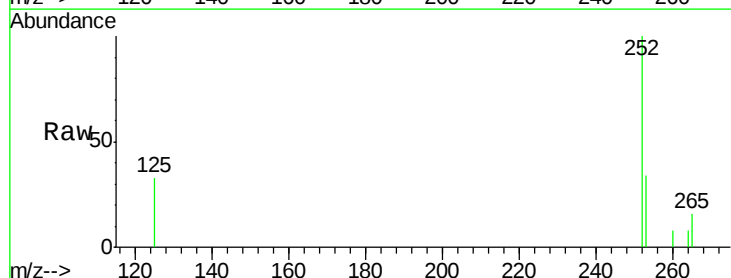
Tgt Ion:252 Resp: 8588

Ion Ratio Lower Upper

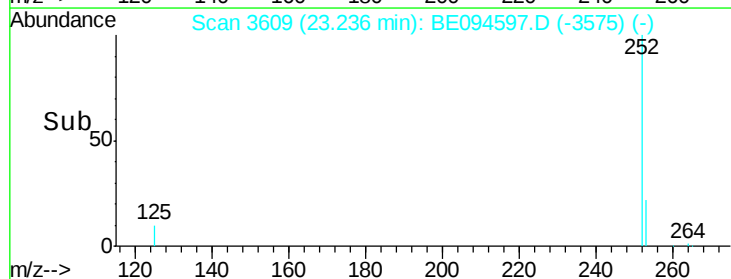
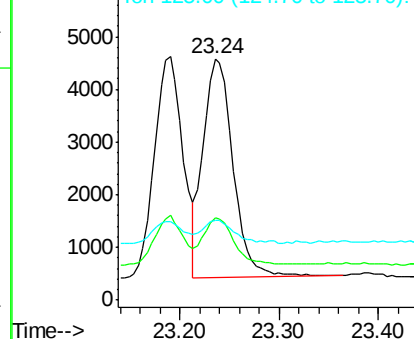
252 100

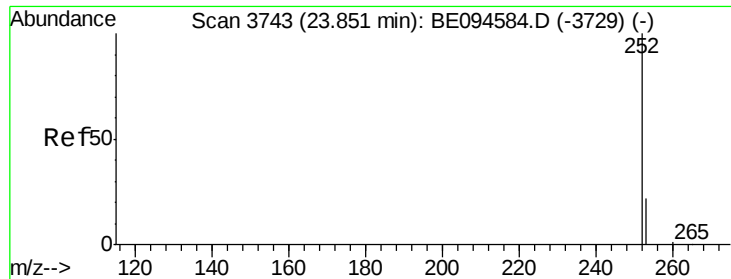
253 34.3 24.5 36.7

125 33.1 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# 3746

Delta R.T. 0.01 min

Lab File: BE094597.D

Acq: 27 Oct 2017 15:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.461

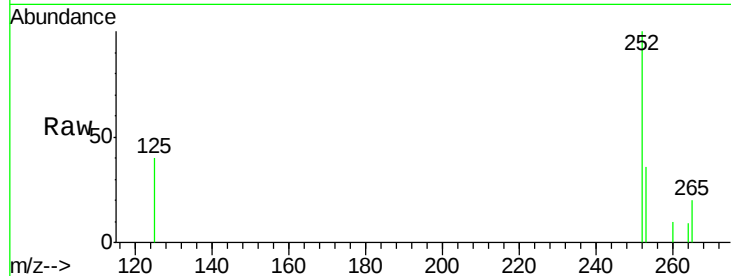
Tot Ion:252 Resp: 8206

Ion Ratio Lower Upper

252 100

253 36.2 28.5 42.7

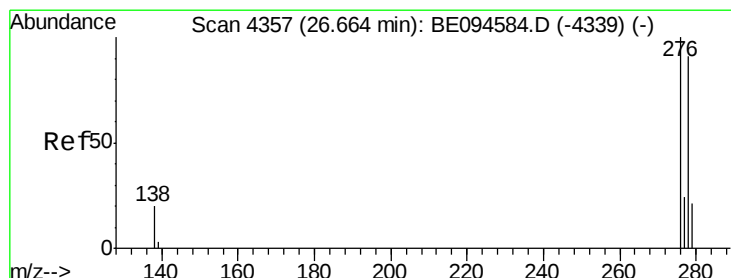
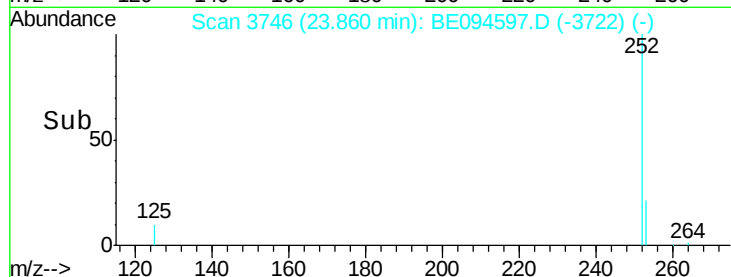
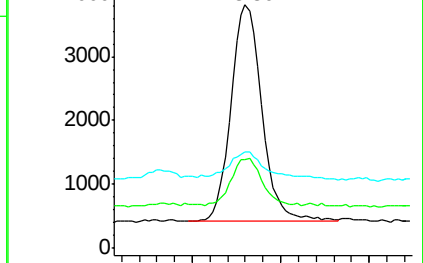
125 39.6 18.1 27.1#



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: 0.40 ng/ul

RT: 26.68 min Scan# 4361

Delta R.T. 0.02 min

Lab File: BE094597.D

Acq: 27 Oct 2017 15:50

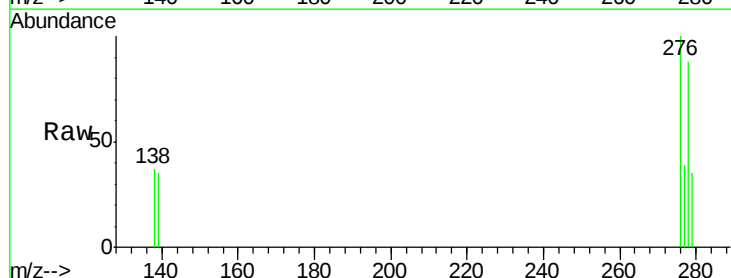
Tgt Ion:276 Resp: 8325

Ion Ratio Lower Upper

276 100

138 26.1 28.0 42.0#

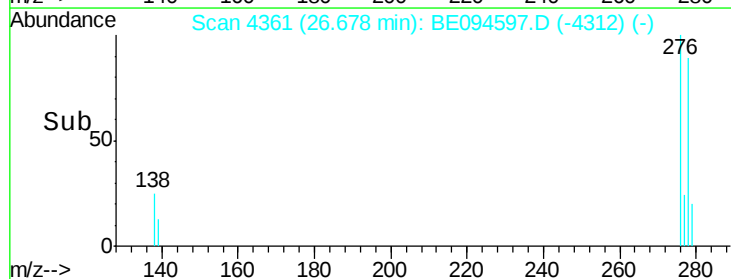
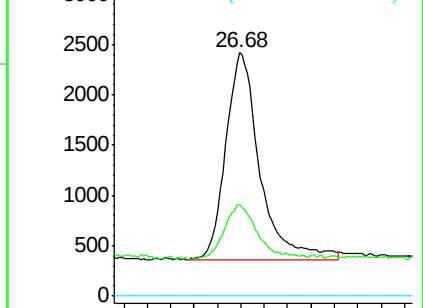
227 0.0 8.0 12.0#

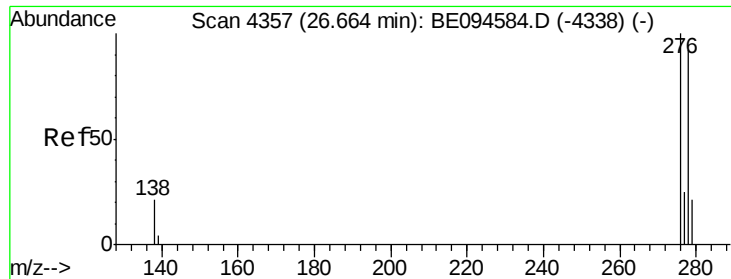


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

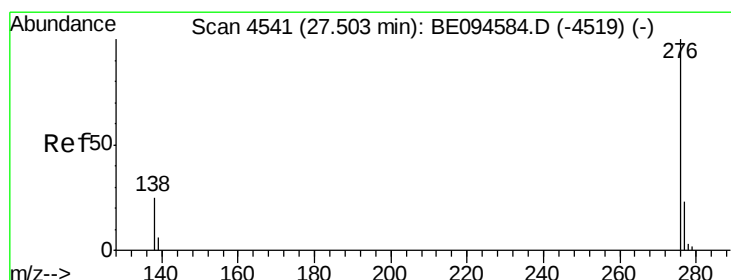
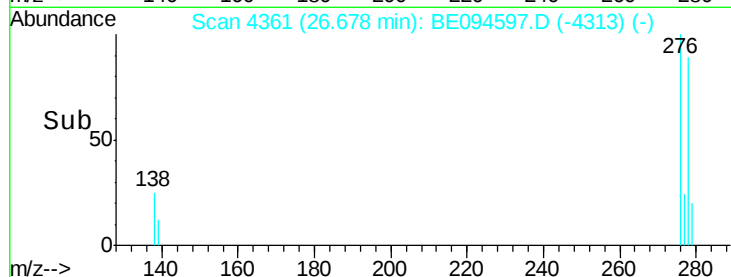
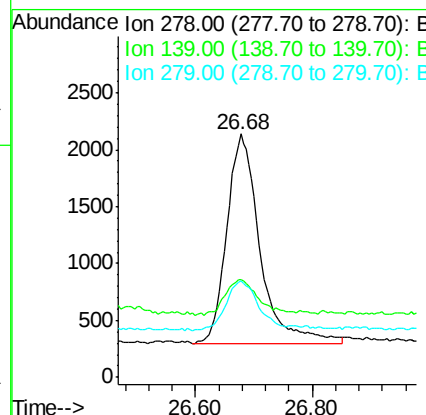
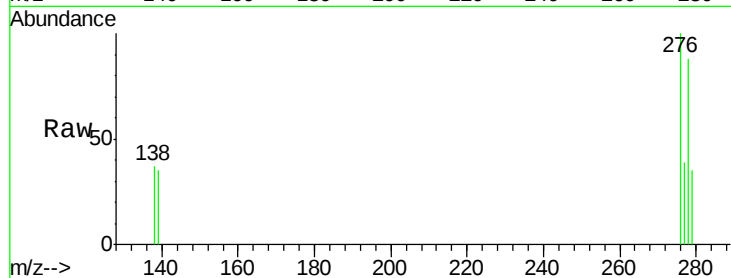




#25
Dibenzo(a,h)anthracene
Concen: 0.41 ng/ul
RT: 26.68 min Scan# 4361
Delta R.T. 0.02 min
Lab File: BE094597.D
Acq: 27 Oct 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTD0.461

Tot Ion:278 Resp: 7291
Ion Ratio Lower Upper
278 100
139 40.1 17.4 26.0#
279 39.6 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.37 ng/ul
RT: 27.52 min Scan# 4546
Delta R.T. 0.02 min
Lab File: BE094597.D
Acq: 27 Oct 2017 15:50

Tgt Ion:276 Resp: 6219
Ion Ratio Lower Upper
276 100
138 38.5 21.8 32.8#
277 42.9 20.5 30.7#

