

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
 Data File : BE095484.D
 Acq On : 5 Feb 2018 10:58
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 06 01:22:54 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 04:46:10 2018
 Response via : Initial Calibration

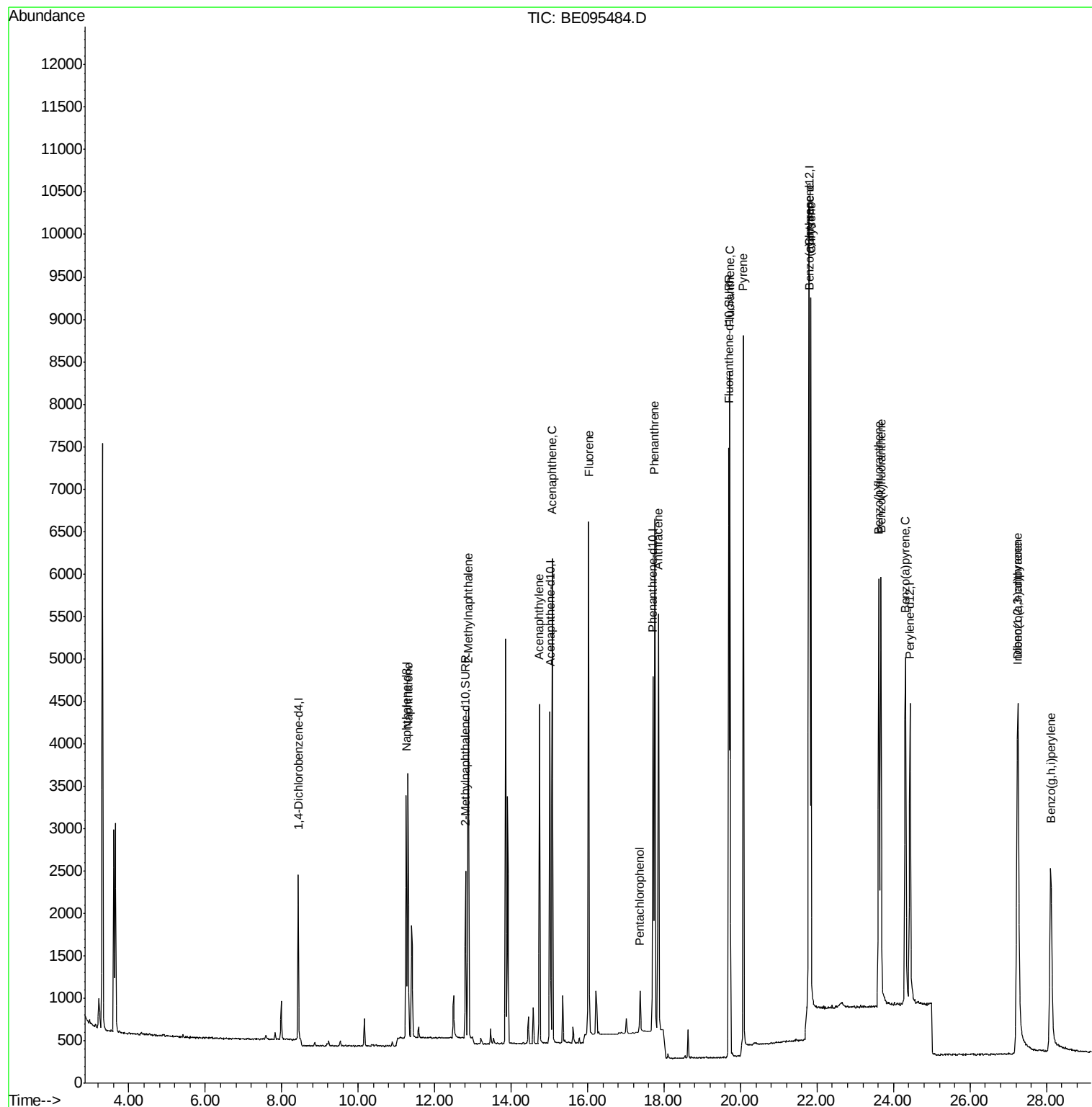
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1530	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	3851	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	2268	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	5962	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	6442	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	6033	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	2624	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	8006	0.35	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.30	128	4427	0.411	ng/ul#	90
5) 2-Methylnaphthalene	12.88	142	3028	0.421	ng/ul	100
7) Acenaphthylene	14.74	152	4553	0.417	ng/ul	98
8) Acenaphthene	15.08	153	3406	0.402	ng/ul	97
9) Fluorene	16.03	166	4169	0.478	ng/ul#	89
11) Pentachlorophenol	17.36	266	373	0.323	ng/ul	99
12) Phenanthrene	17.75	178	7087	0.353	ng/ul#	91
13) Anthracene	17.85	178	6431	0.350	ng/ul	94
15) Fluoranthene	19.72	202	9021	0.347	ng/ul	83
17) Pyrene	20.07	202	9817	0.454	ng/ul#	81
18) Benzo(a)anthracene	21.78	228	8619	0.428	ng/ul#	84
19) Chrysene	21.84	228	8377	0.401	ng/ul	98
21) Benzo(b)fluoranthene	23.62	252	7956	0.374	ng/ul	85
22) Benzo(k)fluoranthene	23.67	252	7631	0.392	ng/ul#	86
23) Benzo(a)pyrene	24.31	252	7314	0.385	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.24	276	7127	0.342	ng/ul#	77
25) Dibenzo(a,h)anthracene	27.26	278	5487	0.322	ng/ul	92
26) Benzo(g,h,i)perylene	28.12	276	6474	0.367	ng/ul	96

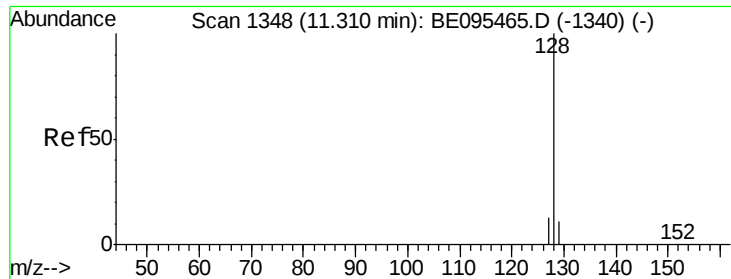
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.411 ng/ul

RT: 11.30 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BE095484.D

Acq: 5 Feb 2018 10:58

Instrument :

BNA_E

ClientSampleId :

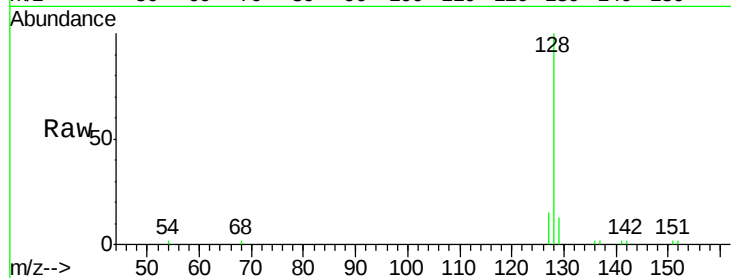
Tot Ion:128 Resp: 4427

Ion Ratio Lower Upper

128 100

129 13.0 11.3 16.9

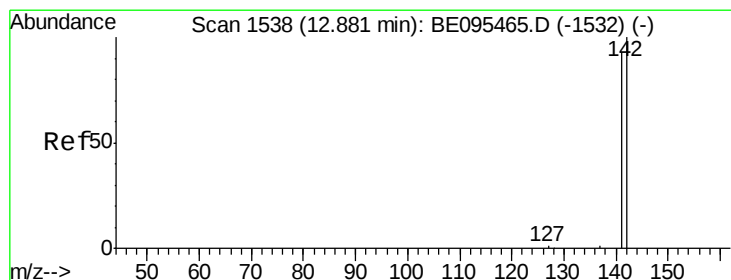
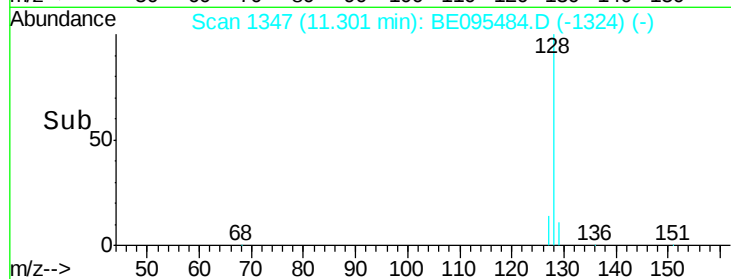
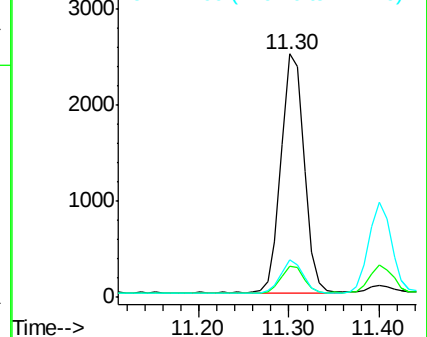
127 15.2 4.0 6.0#



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: 0.421 ng/ul

RT: 12.88 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BE095484.D

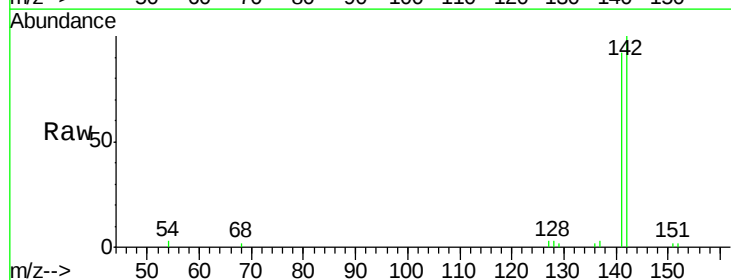
Acq: 5 Feb 2018 10:58

Tgt Ion:142 Resp: 3028

Ion Ratio Lower Upper

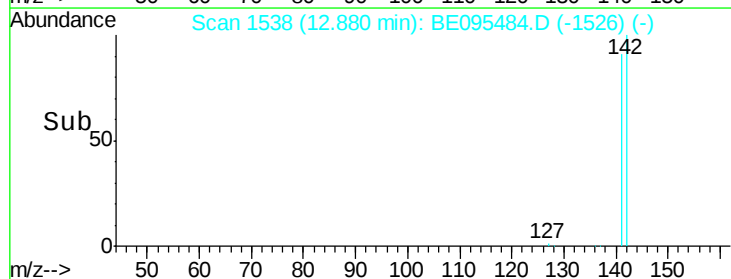
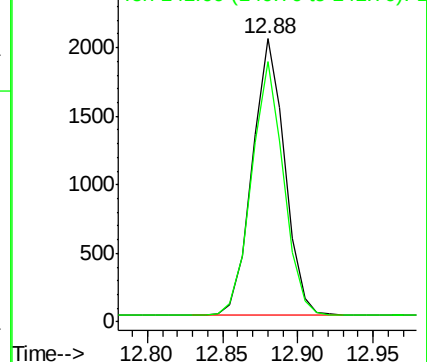
142 100

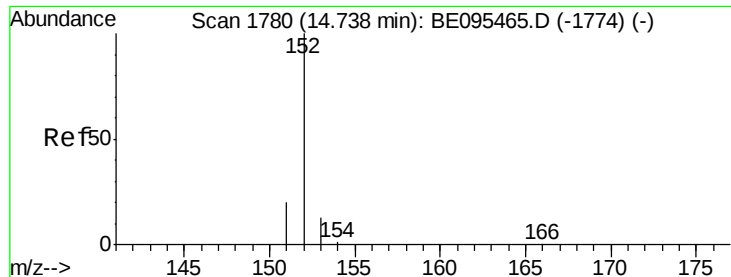
141 90.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.417 ng/ul

RT: 14.74 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BE095484.D

Acq: 5 Feb 2018 10:58

Instrument :

BNA_E

ClientSampleId :

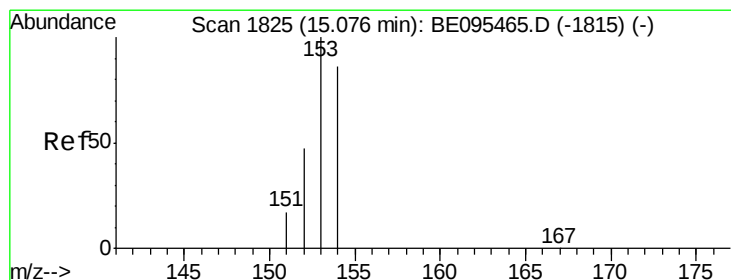
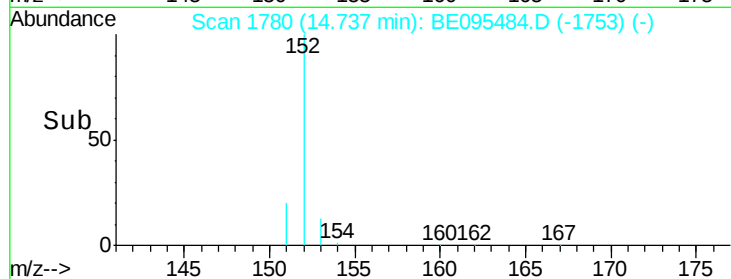
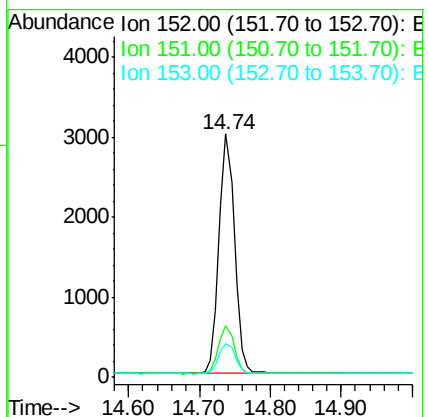
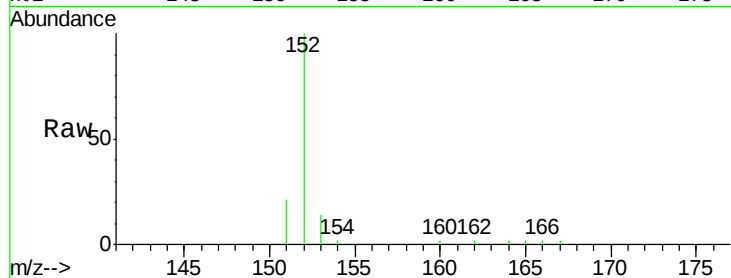
Tot Ion:152 Resp: 4553

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

153 14.0 12.8 19.2



#8

Acenaphthene

Concen: 0.402 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE095484.D

Acq: 5 Feb 2018 10:58

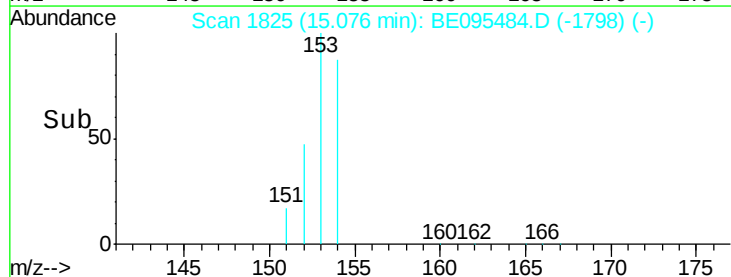
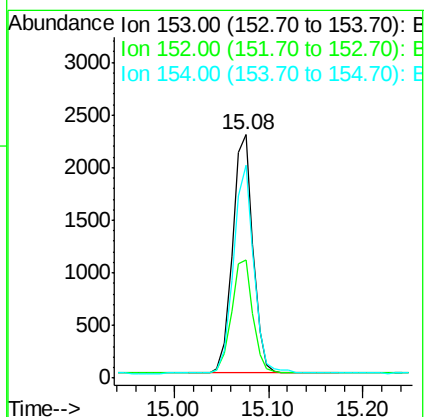
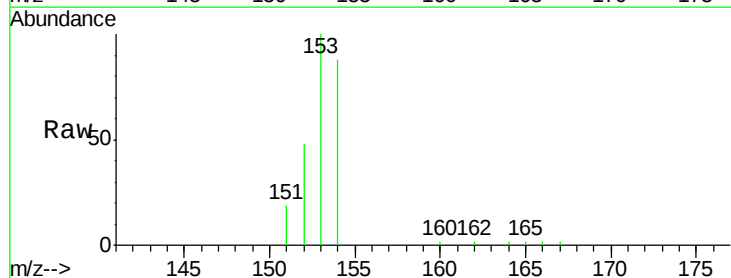
Tgt Ion:153 Resp: 3406

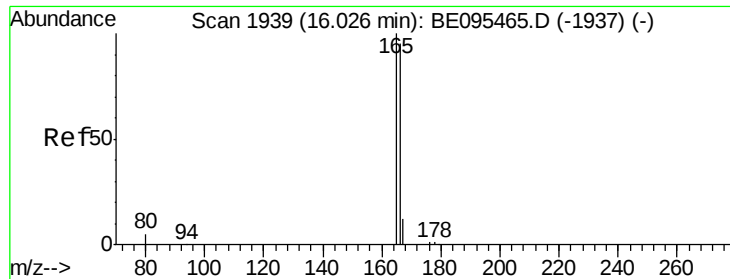
Ion Ratio Lower Upper

153 100

152 48.4 36.0 54.0

154 87.5 72.0 108.0





#9

Fluorene

Concen: 0.478 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095484.D

Acq: 5 Feb 2018 10:58

Instrument :

BNA_E

ClientSampleId :

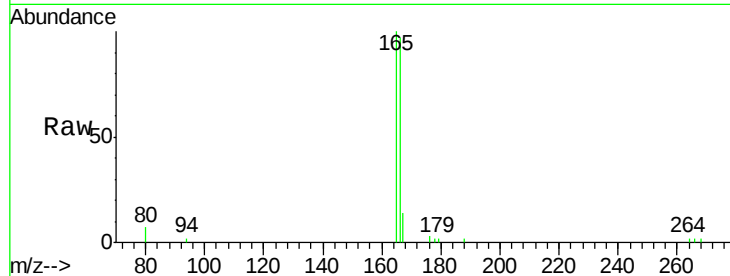
Tot Ion:166 Resp: 4169

Ion Ratio Lower Upper

166 100

165 102.9 73.4 110.2

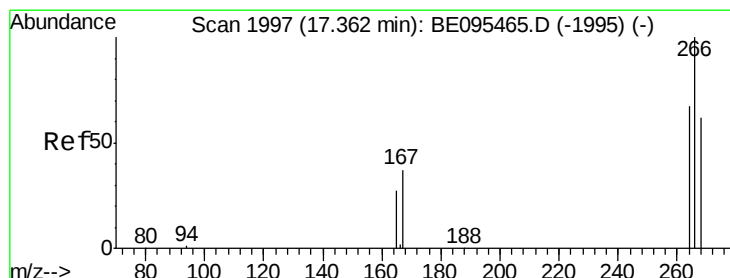
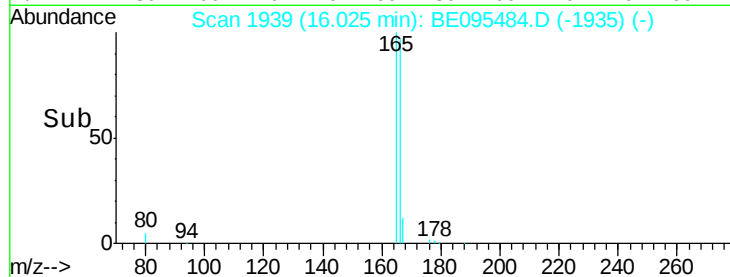
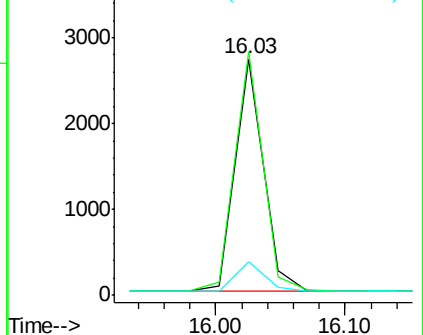
167 14.1 14.6 22.0#



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: 0.323 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE095484.D

Acq: 5 Feb 2018 10:58

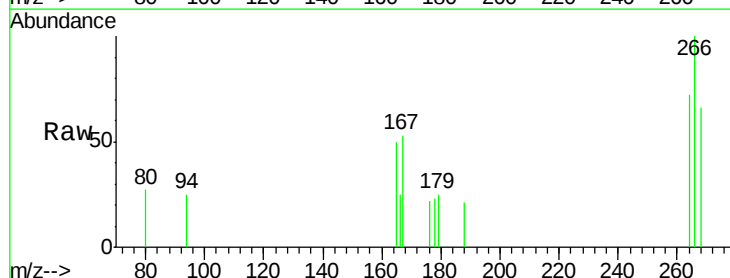
Tgt Ion:266 Resp: 373

Ion Ratio Lower Upper

266 100

264 60.3 47.9 71.9

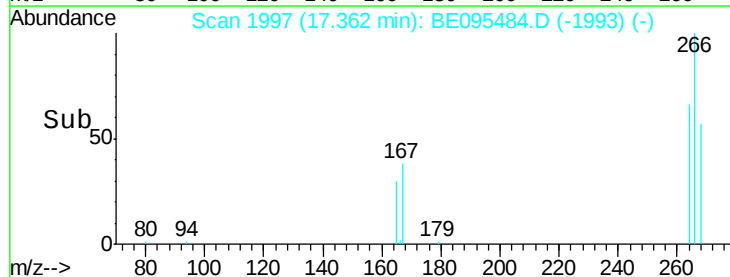
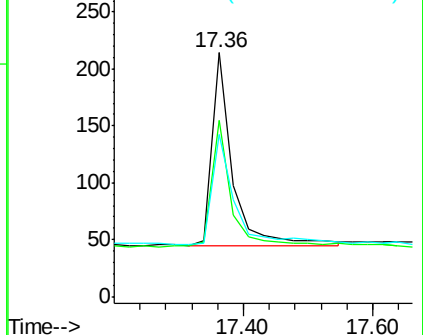
268 63.0 49.8 74.8

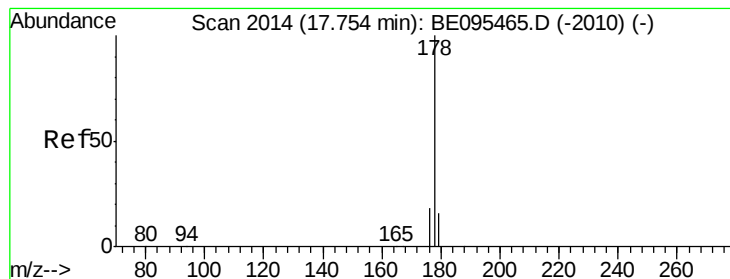


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.353 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095484.D

Acq: 5 Feb 2018 10:58

Instrument :

BNA_E

ClientSampleId :

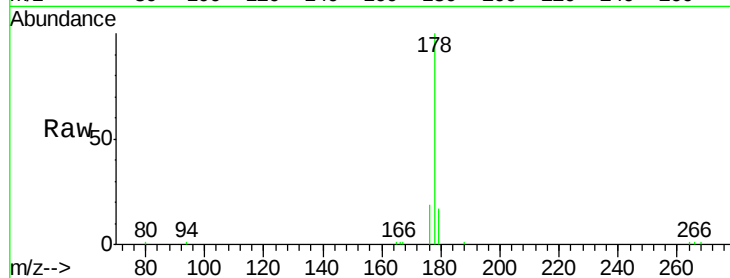
Tot Ion:178 Resp: 7087

Ion Ratio Lower Upper

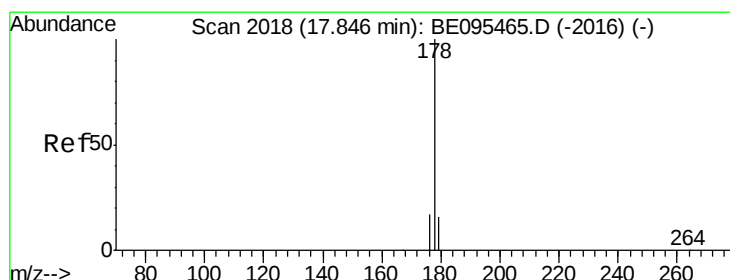
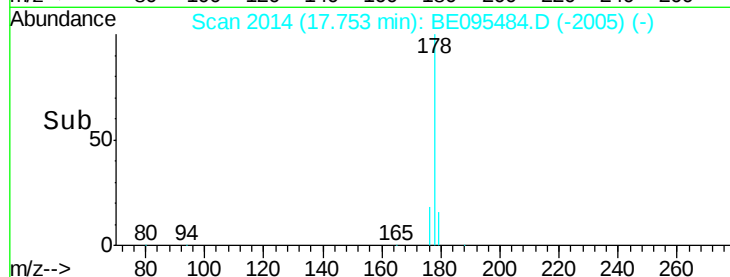
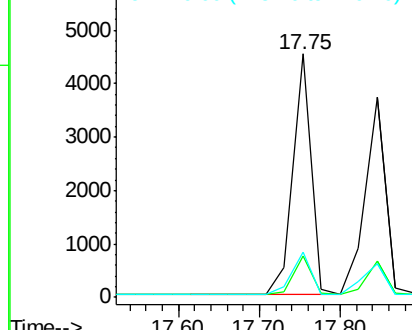
178 100

179 16.8 18.4 27.6#

176 18.7 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: 0.350 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095484.D

Acq: 5 Feb 2018 10:58

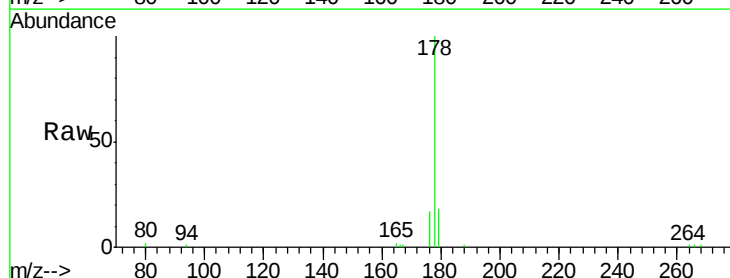
Tgt Ion:178 Resp: 6431

Ion Ratio Lower Upper

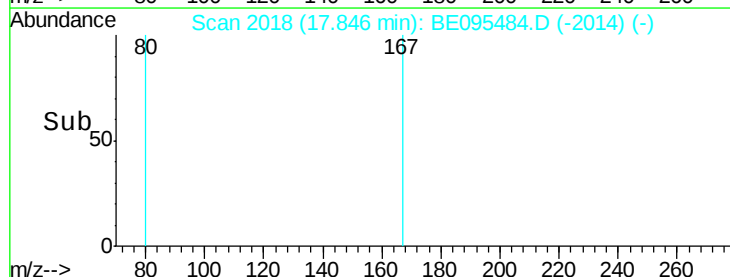
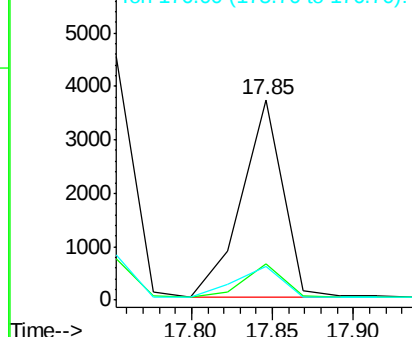
178 100

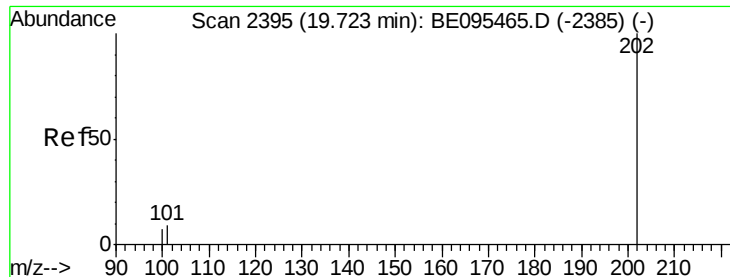
179 18.3 18.1 27.1

176 17.0 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: 0.347 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BE095484.D

Acq: 5 Feb 2018 10:58

Instrument :

BNA_E

ClientSampleId :

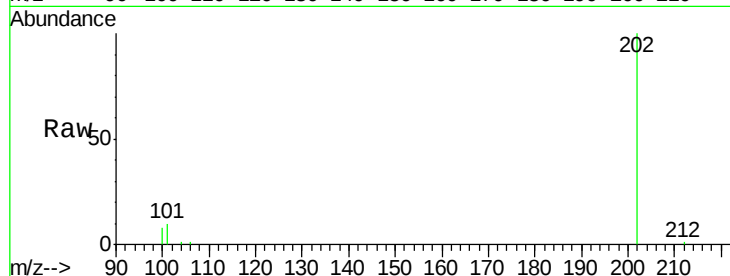
Tot Ion:202 Resp: 9021

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.3

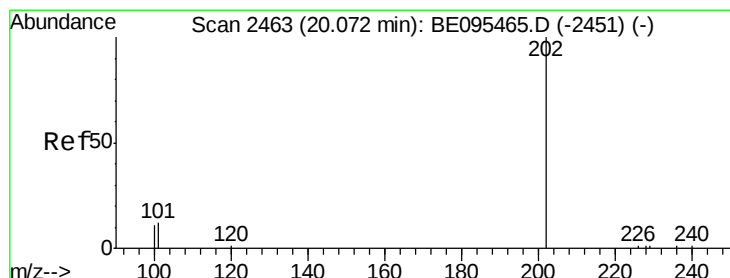
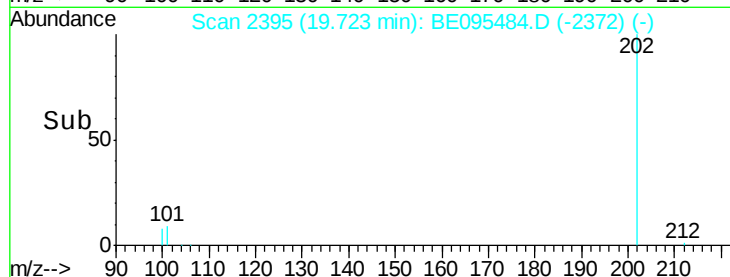
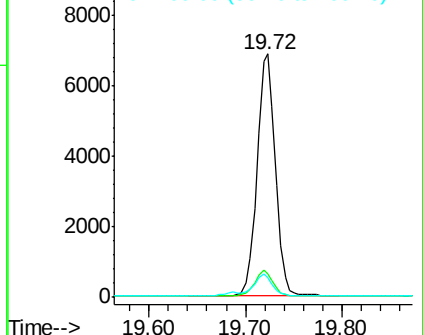
100 8.2 0.0 39.5



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: 0.454 ng/ul

RT: 20.07 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BE095484.D

Acq: 5 Feb 2018 10:58

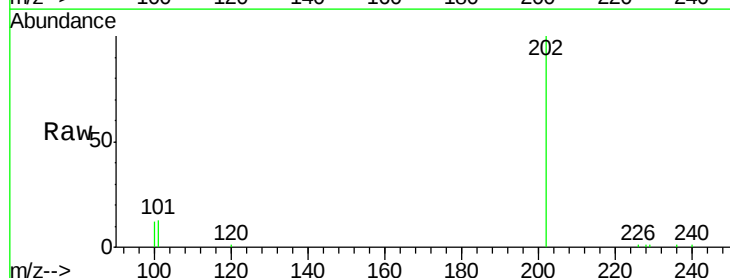
Tgt Ion:202 Resp: 9817

Ion Ratio Lower Upper

202 100

101 12.6 18.2 27.4#

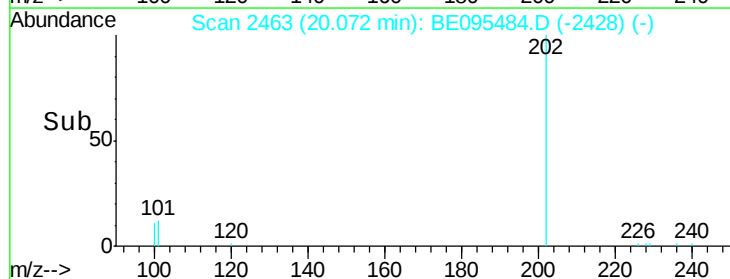
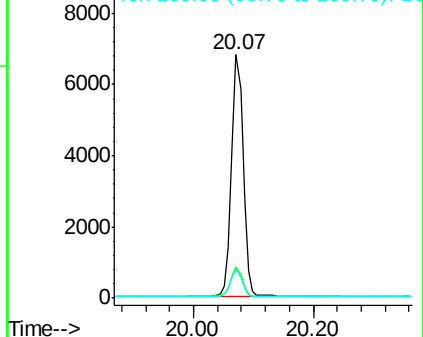
100 12.0 15.6 23.4#

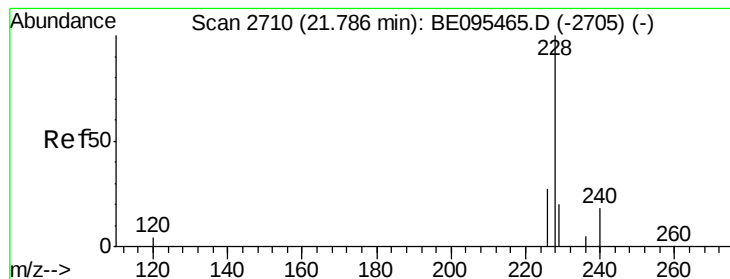


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.428 ng/ul

RT: 21.78 min Scan# 2709

Delta R.T. -0.00 min

Lab File: BE095484.D

Acq: 5 Feb 2018 10:58

Instrument :

BNA_E

ClientSampleId :

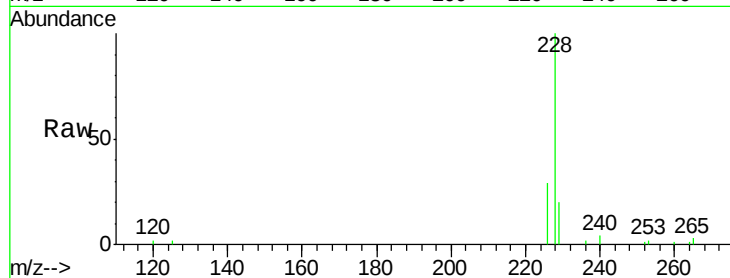
Tot Ion:228 Resp: 8619

Ion Ratio Lower Upper

228 100

229 19.8 22.8 34.2#

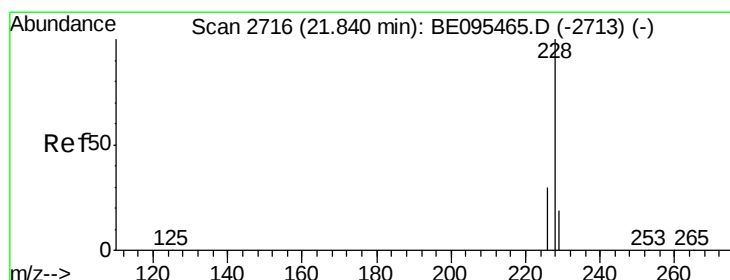
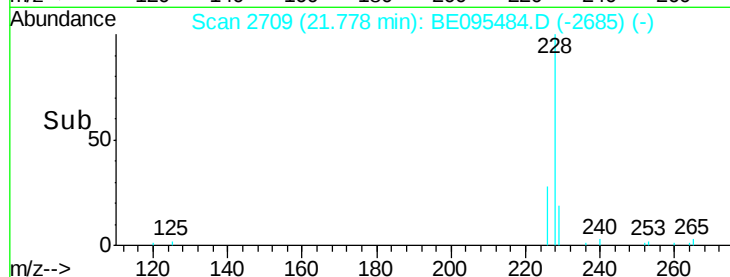
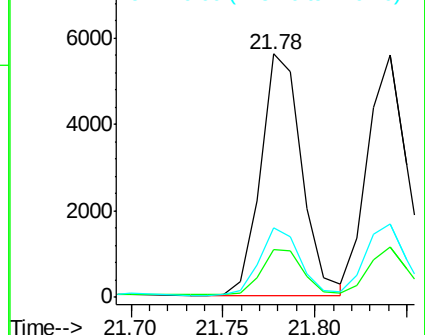
226 28.5 17.0 25.6#



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: 0.401 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. -0.00 min

Lab File: BE095484.D

Acq: 5 Feb 2018 10:58

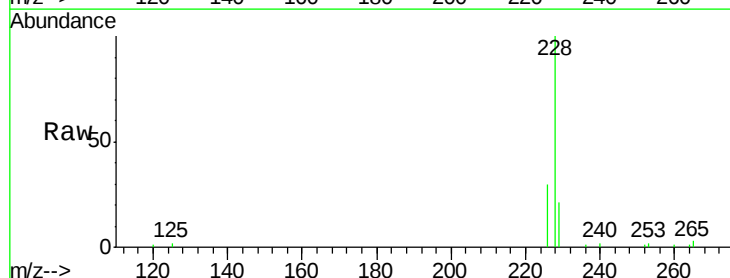
Tgt Ion:228 Resp: 8377

Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.0

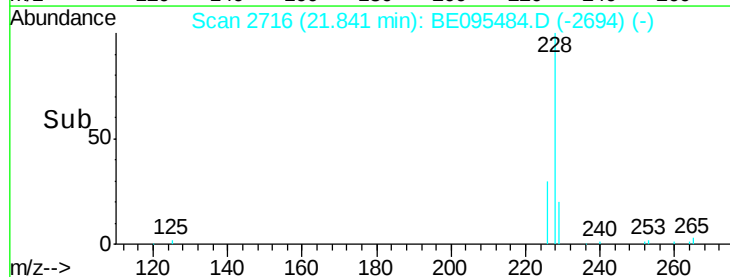
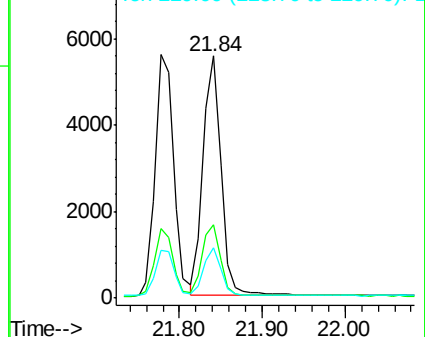
229 20.8 17.7 26.5

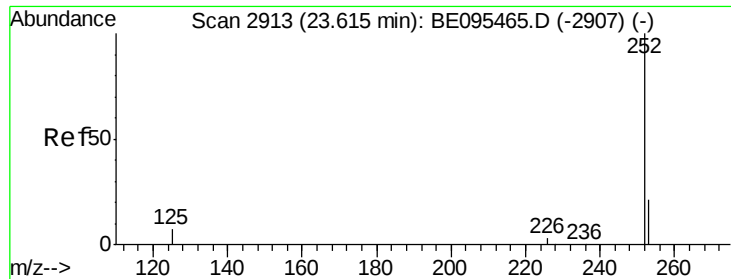


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

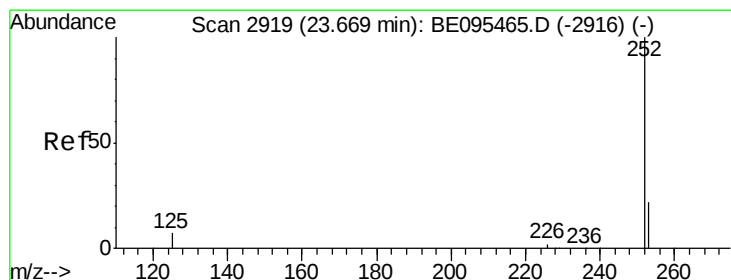
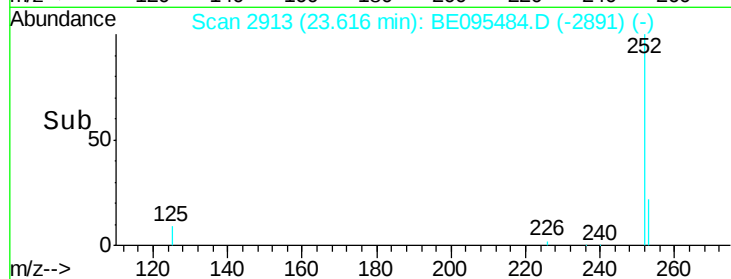
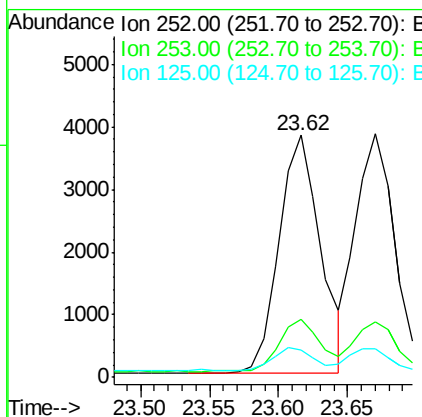
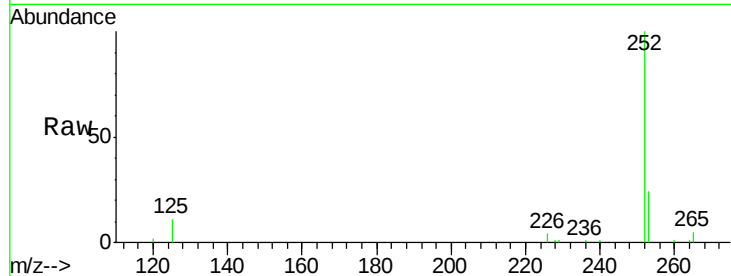




#21
Benzo(b)fluoranthene
Concen: 0.374 ng/ul
RT: 23.62 min Scan# 2913
Delta R.T. -0.00 min
Lab File: BE095484.D
Acq: 5 Feb 2018 10:58

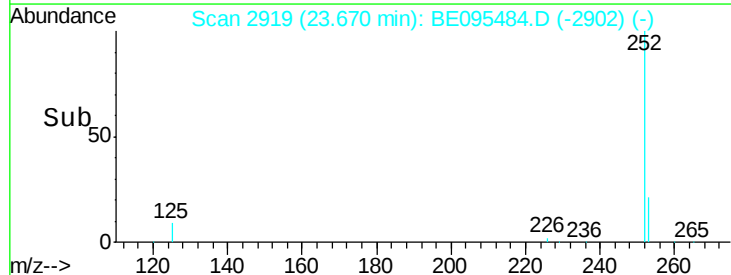
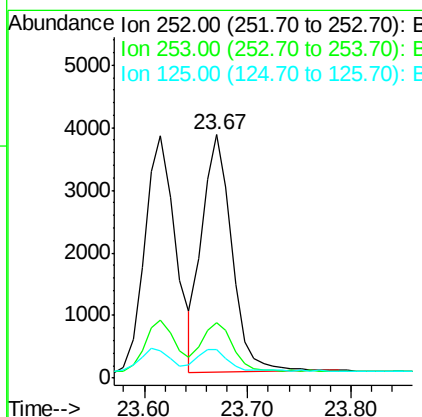
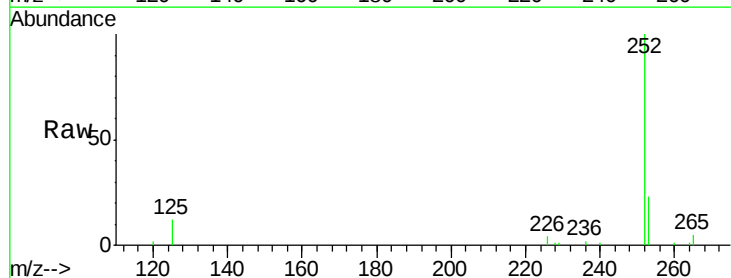
Instrument :
BNA_E
ClientSampleId :

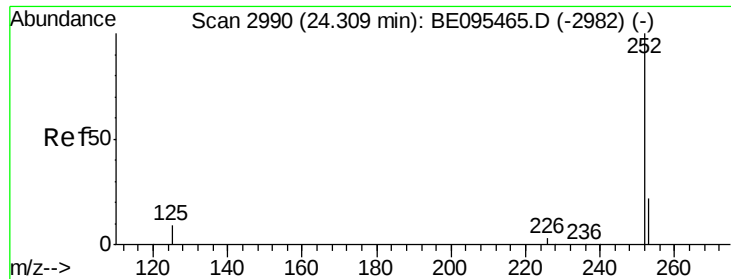
Tot Ion:252 Resp: 7956
Ion Ratio Lower Upper
252 100
253 23.8 0.0 64.2
125 11.3 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.392 ng/ul
RT: 23.67 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE095484.D
Acq: 5 Feb 2018 10:58

Tgt Ion:252 Resp: 7631
Ion Ratio Lower Upper
252 100
253 22.8 24.5 36.7#
125 11.8 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.385 ng/ul

RT: 24.31 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE095484.D

Acq: 5 Feb 2018 10:58

Instrument :

BNA_E

ClientSampleId :

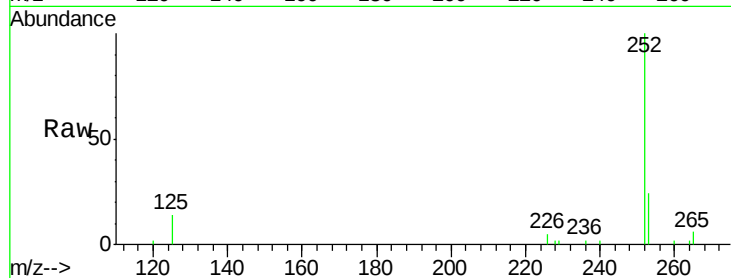
Tot Ion:252 Resp: 7314

Ion Ratio Lower Upper

252 100

253 23.7 28.5 42.7#

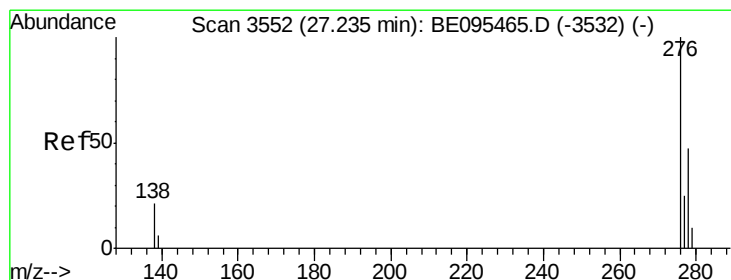
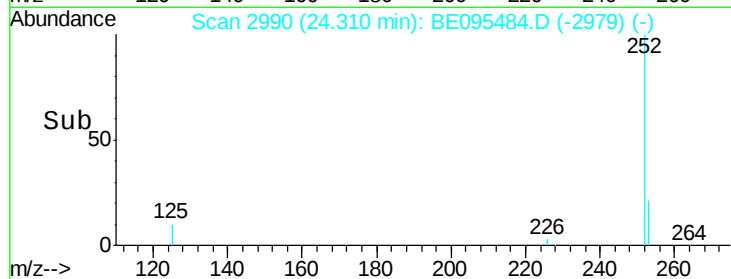
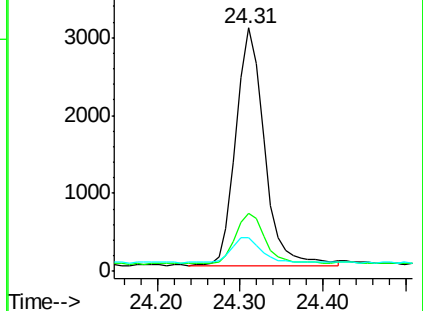
125 13.6 18.1 27.1#



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: 0.342 ng/ul

RT: 27.24 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BE095484.D

Acq: 5 Feb 2018 10:58

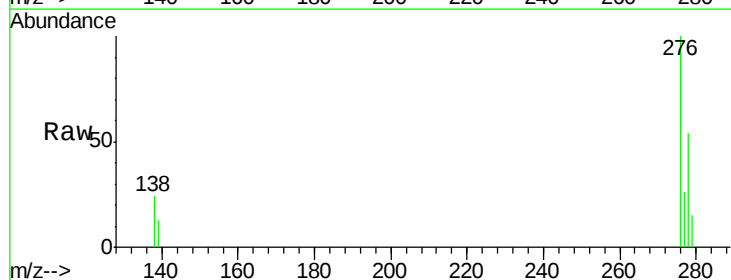
Tgt Ion:276 Resp: 7127

Ion Ratio Lower Upper

276 100

138 22.5 28.0 42.0#

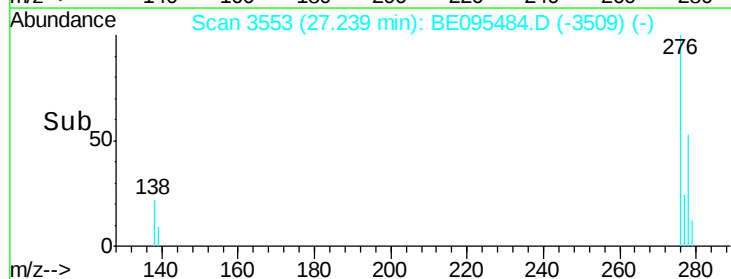
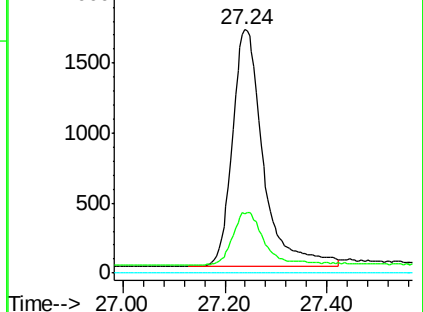
227 0.0 8.0 12.0#

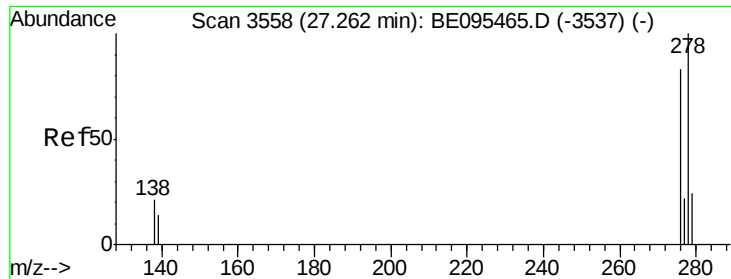


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

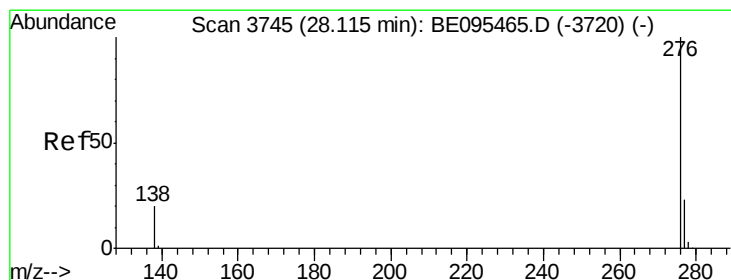
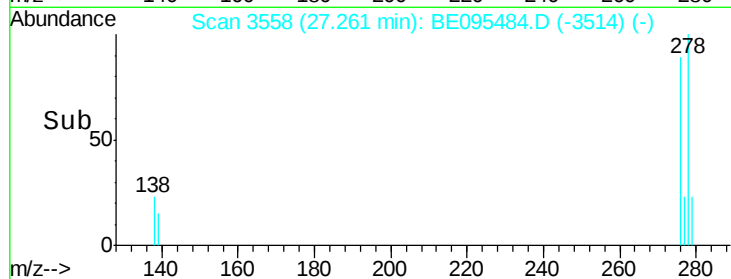
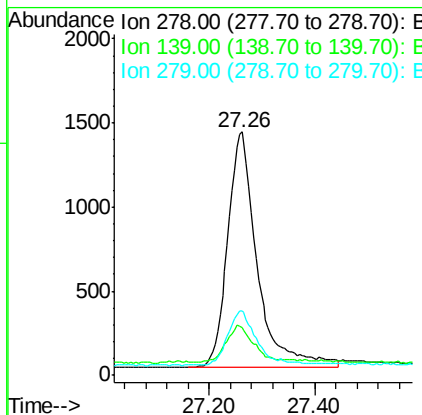
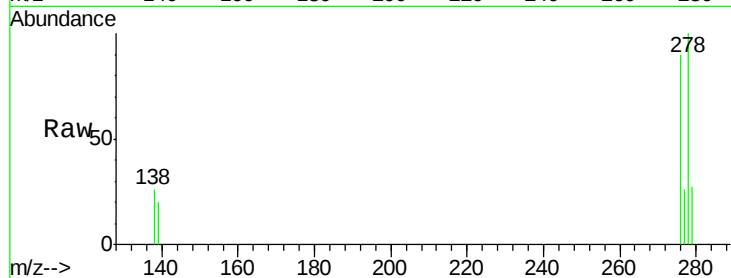




#25
Dibenzo(a,h)anthracene
Concen: 0.322 ng/ul
RT: 27.26 min Scan# 3558
Delta R.T. -0.00 min
Lab File: BE095484.D
Acq: 5 Feb 2018 10:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 5487
Ion Ratio Lower Upper
278 100
139 19.8 17.4 26.0
279 26.6 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.367 ng/ul
RT: 28.12 min Scan# 3746
Delta R.T. -0.00 min
Lab File: BE095484.D
Acq: 5 Feb 2018 10:58

Tgt Ion:276 Resp: 6474
Ion Ratio Lower Upper
276 100
138 23.4 21.8 32.8
277 25.0 20.5 30.7

