

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
 Data File : BE096866.D
 Acq On : 6 Jul 2018 23:03
 Operator : SJ/JU
 Sample : J3721-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 07 03:25:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 06 16:55:25 2018
 Response via : Initial Calibration

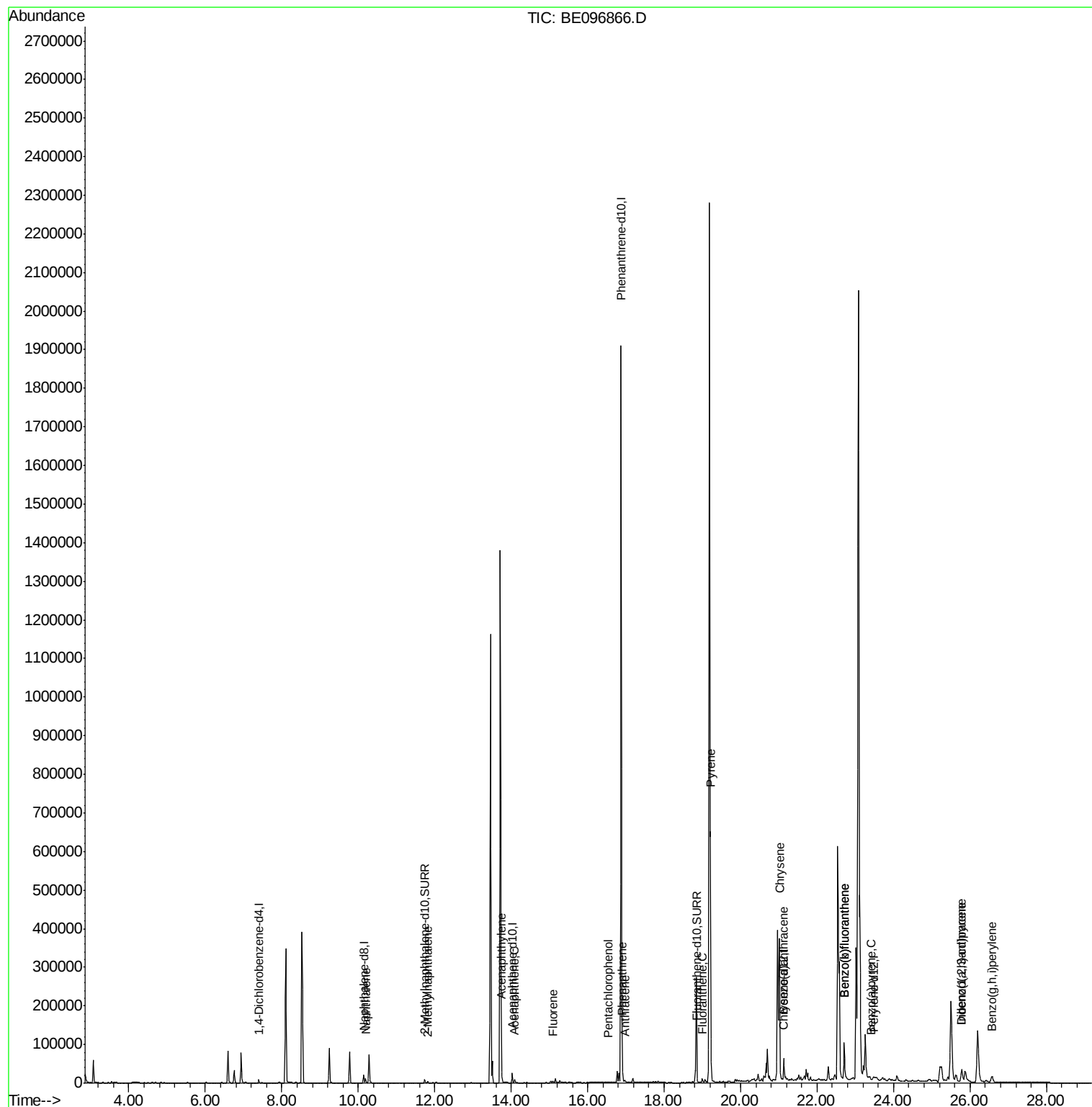
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3944	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	21228	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	13765	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	2184413	0.40	ng/ul	0.10
16) Chrysene-d12	21.11	240	212	0.40	ng/ul	0.13
20) Perylene-d12	23.48	264	2776	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	12360	0.36	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	811	0.00	ng/ul	0.05
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	16994	0.331	ng/ul#	91
5) 2-Methylnaphthalene	11.82	142	2909	0.083	ng/ul	97
7) Acenaphthylene	13.74	152	39552	0.701	ng/ul	96
8) Acenaphthene	14.09	153	4465	0.096	ng/ul	96
9) Fluorene	15.08	166	3351	0.070	ng/ul	93
11) Pentachlorophenol	16.54	266	4	0.000	ng/ul#	1
12) Phenanthrene	16.91	178	32087	0.006	ng/ul#	90
13) Anthracene	16.97	178	2678	0.001	ng/ul#	1
15) Fluoranthene	19.00	202	11708	0.002	ng/ul	83
17) Pyrene	19.21	202	656927	944.007	ng/ul#	79
18) Benzo(a)anthracene	21.13	228	45209	90.410	ng/ul#	54
19) Chrysene	21.02	228	414077	639.180	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	138501	18.280	ng/ul	88
22) Benzo(k)fluoranthene	22.71	252	99206	11.993	ng/ul#	90
23) Benzo(a)pyrene	23.42	252	1899	0.296	ng/ul#	62
24) Indeno(1,2,3-cd)pyrene	25.78	276	12326	1.853	ng/ul#	73
25) Dibenzo(a,h)anthracene	25.78	278	48746	9.224	ng/ul#	91
26) Benzo(g,h,i)perylene	26.58	276	34840	5.396	ng/ul	95

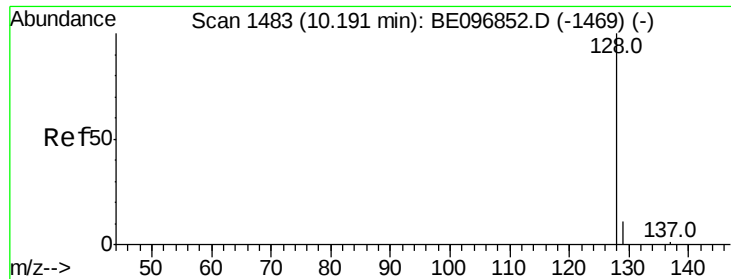
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
Data File : BE096866.D
Acq On : 6 Jul 2018 23:03
Operator : SJ/JU
Sample : J3721-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 07 03:25:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 06 16:55:25 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.331 ng/ul

RT: 10.19 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Instrument :

BNA_E

ClientSampleId :

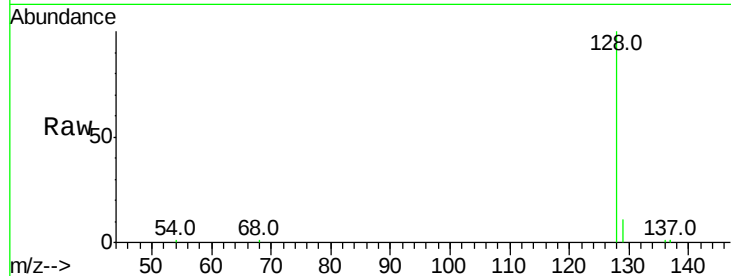
Tot Ion:128 Resp: 16994

Ion Ratio Lower Upper

128 100

129 11.4 11.3 16.9

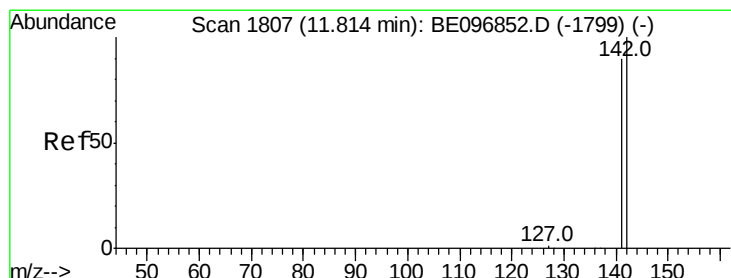
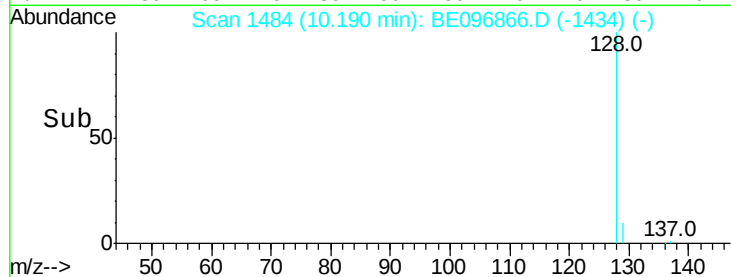
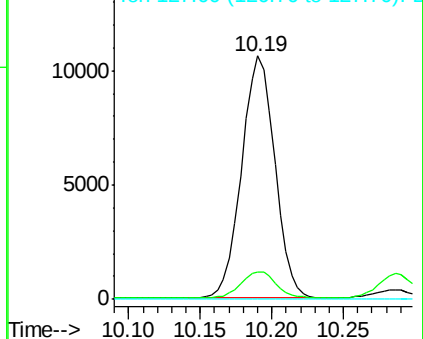
127 0.0 4.0 6.0#



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: 0.083 ng/ul

RT: 11.82 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BE096866.D

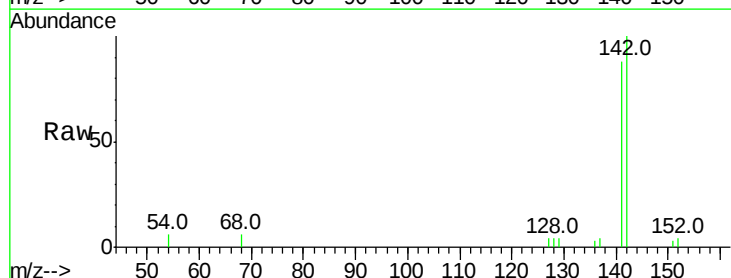
Acq: 6 Jul 2018 23:03

Tgt Ion:142 Resp: 2909

Ion Ratio Lower Upper

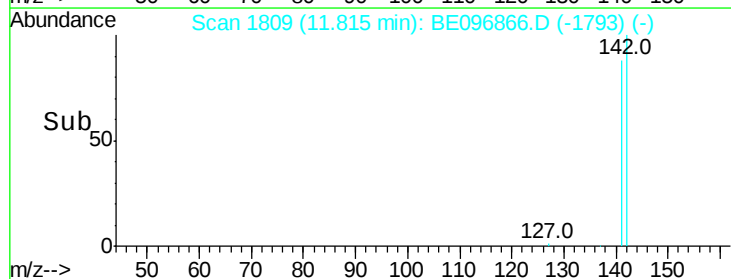
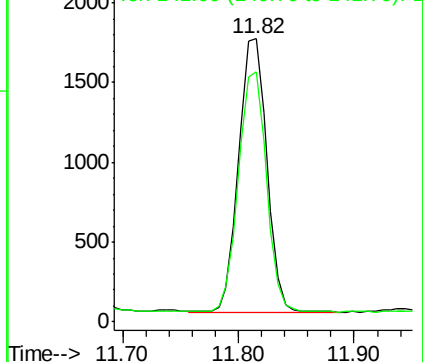
142 100

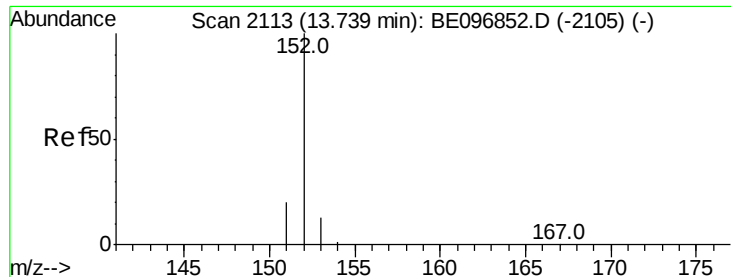
141 87.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.701 ng/ul

RT: 13.74 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Instrument :

BNA_E

ClientSampleId :

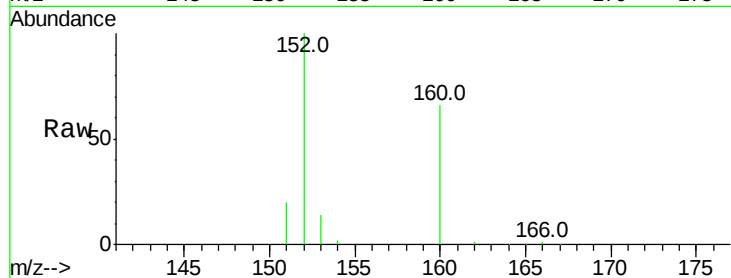
Tot Ion:152 Resp: 39552

Ion Ratio Lower Upper

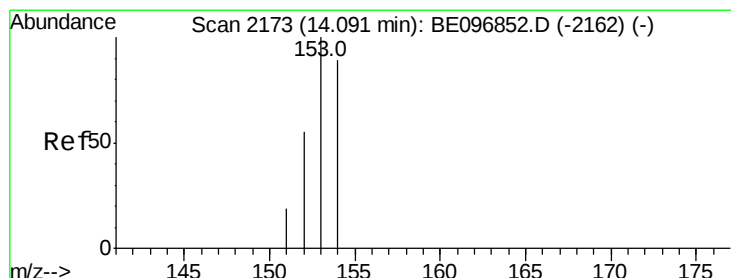
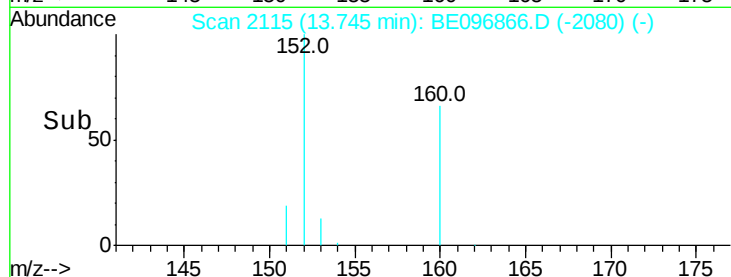
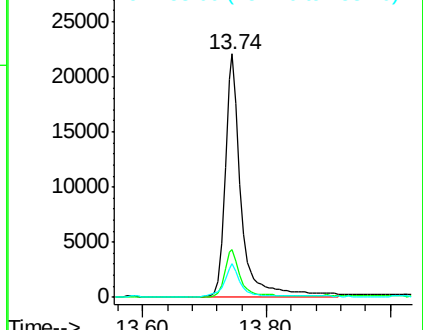
152 100

151 19.7 17.1 25.7

153 13.7 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: 0.096 ng/ul

RT: 14.09 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

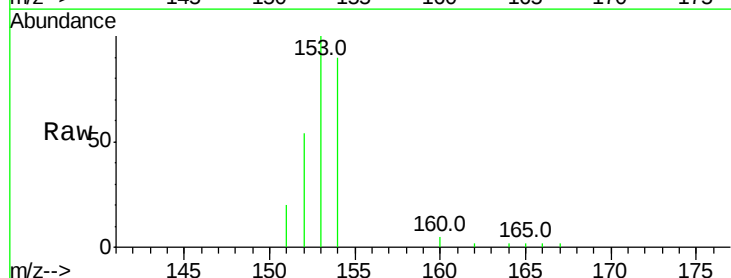
Tgt Ion:153 Resp: 4465

Ion Ratio Lower Upper

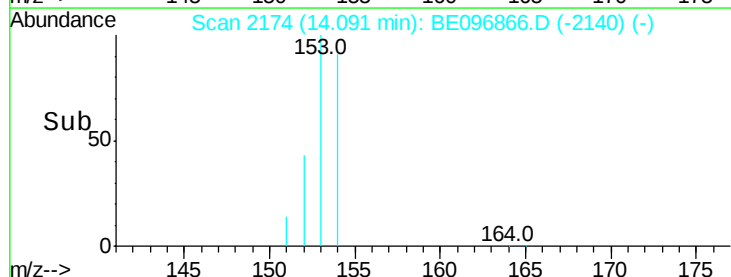
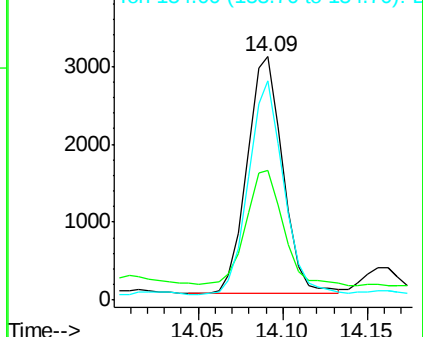
153 100

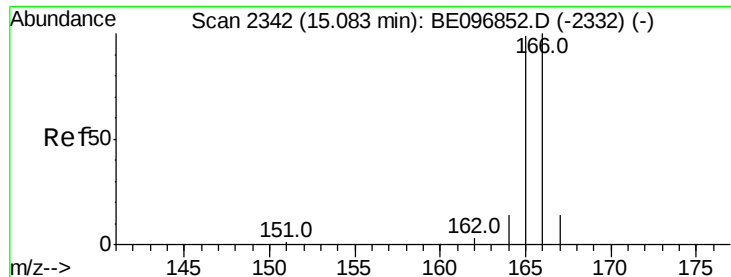
152 53.5 36.0 54.0

154 90.1 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: 0.070 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Instrument :

BNA_E

ClientSampleId :

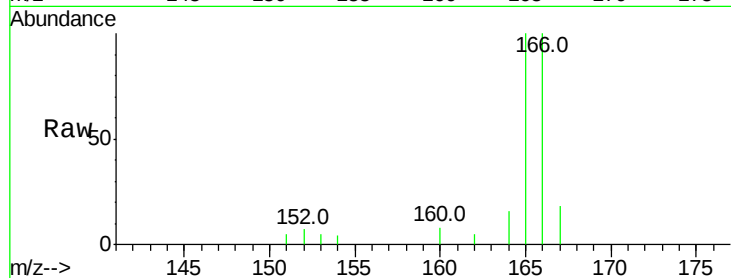
Tot Ion:166 Resp: 3351

Ion Ratio Lower Upper

166 100

165 99.6 73.4 110.2

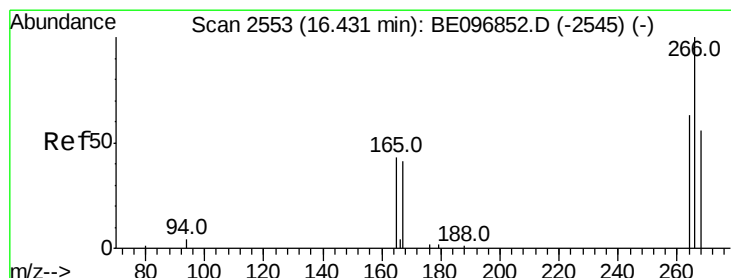
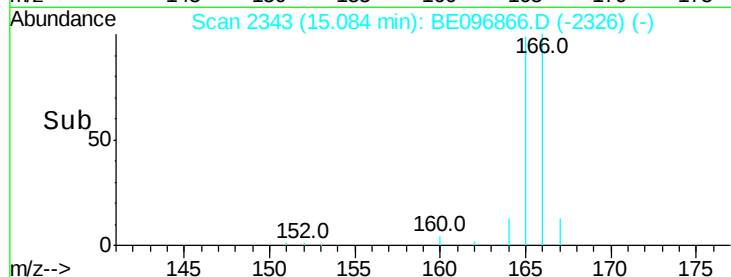
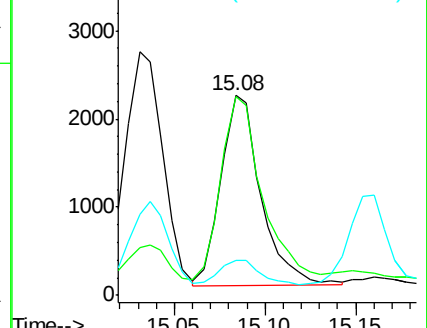
167 17.6 14.6 22.0



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: 0.000 ng/ul

RT: 16.54 min Scan# 2569

Delta R.T. 0.11 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

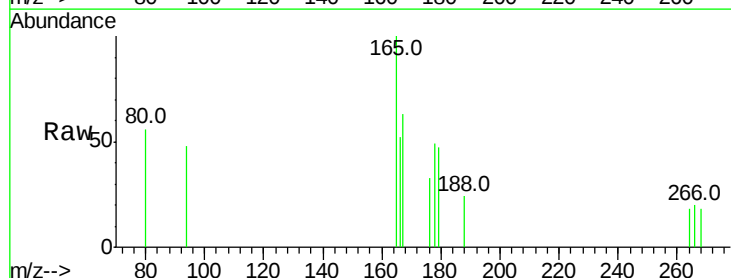
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 25.0 47.9 71.9#

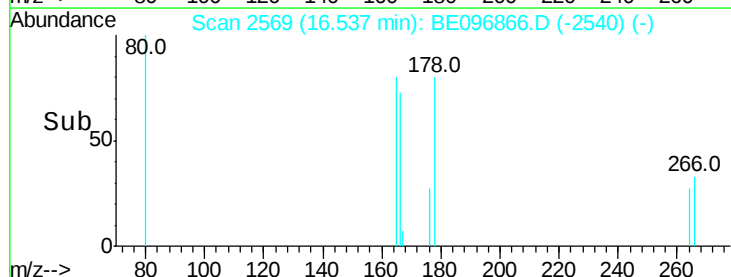
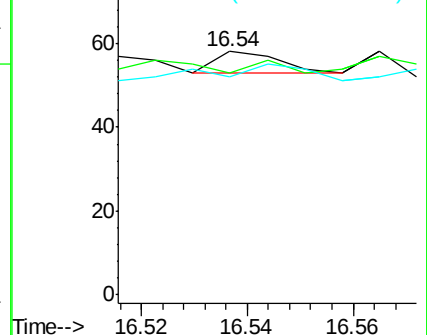
268 225.0 49.8 74.8#

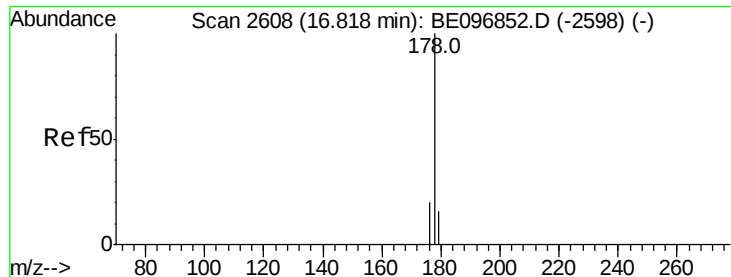


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.006 ng/ul

RT: 16.91 min Scan# 2622

Delta R.T. 0.09 min

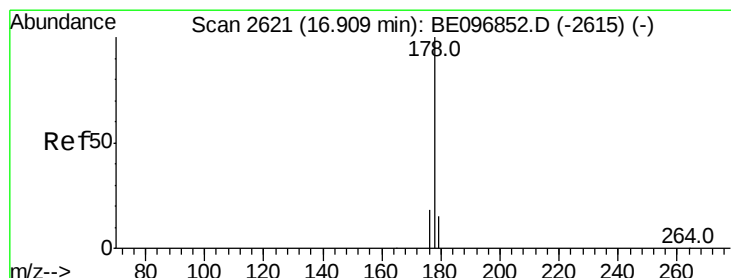
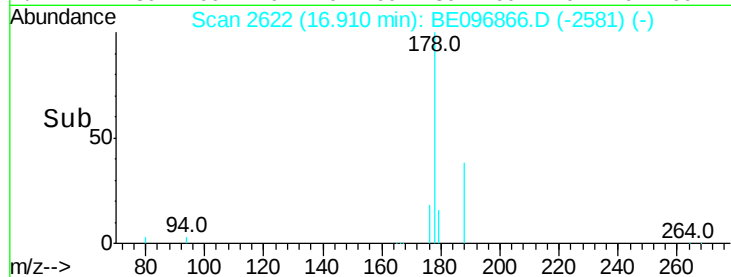
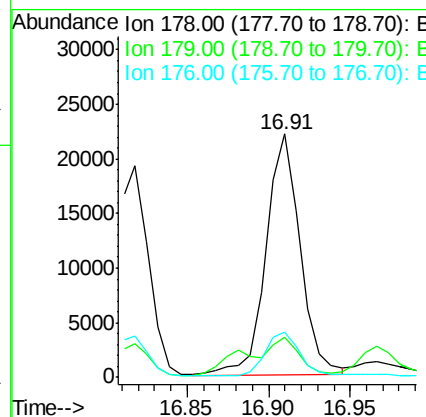
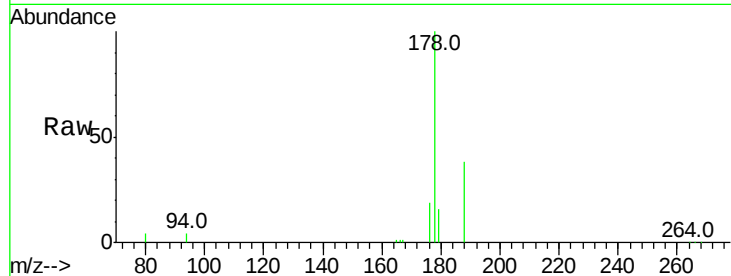
Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Instrument :
BNA_E
ClientSampled :

Tot Ion:178 Resp: 32087

Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.4	27.6#
176	18.7	13.6	20.4



#13

Anthracene

Concen: 0.001 ng/ul

RT: 16.97 min Scan# 2630

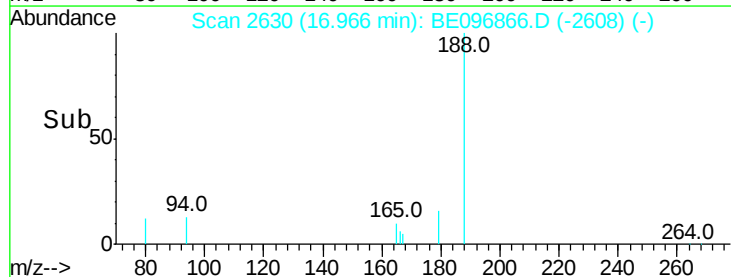
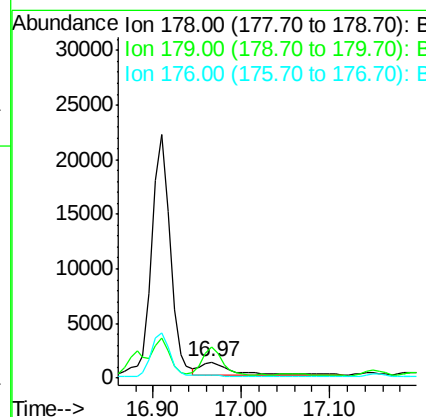
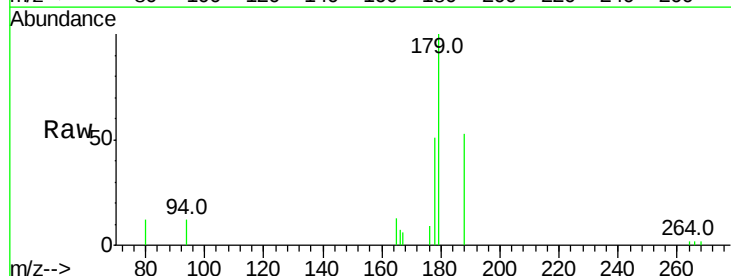
Delta R.T. 0.06 min

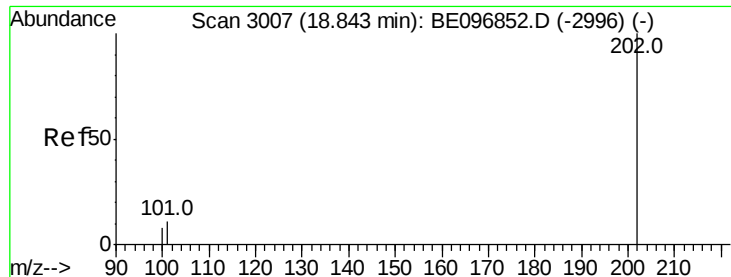
Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Tgt Ion:178 Resp: 2678

Ion	Ratio	Lower	Upper
178	100		
179	195.0	18.1	27.1#
176	17.2	14.7	22.1





#15

Fluoranthene

Concen: 0.002 ng/ul

RT: 19.00 min Scan# 3052

Delta R.T. 0.16 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Instrument :

BNA_E

ClientSampleId :

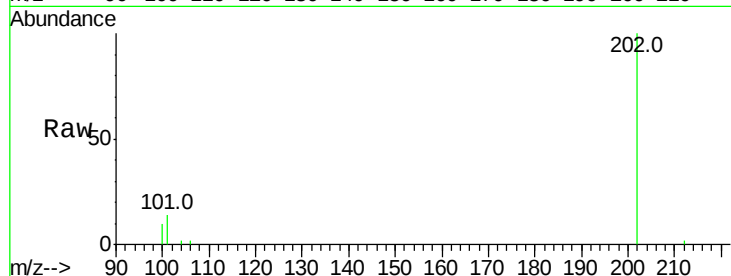
Tot Ion:202 Resp: 11708

Ion Ratio Lower Upper

202 100

101 13.7 0.0 30.3

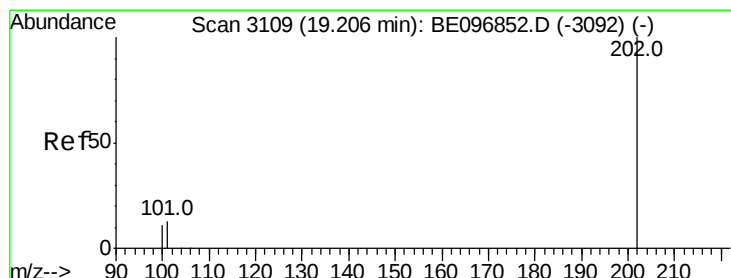
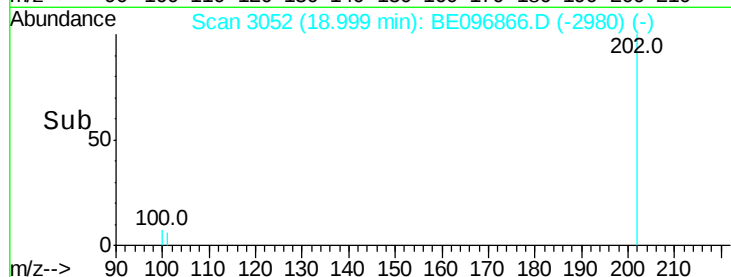
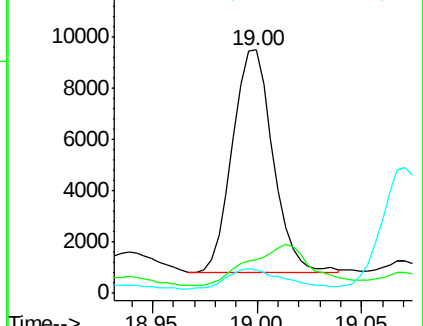
100 9.7 0.0 39.5



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: 944.007 ng/ul

RT: 19.21 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

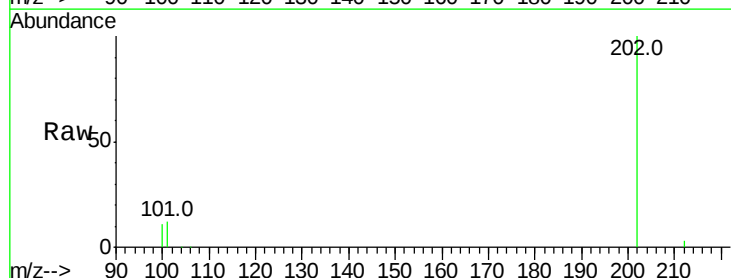
Tgt Ion:202 Resp: 656927

Ion Ratio Lower Upper

202 100

101 12.5 18.2 27.4#

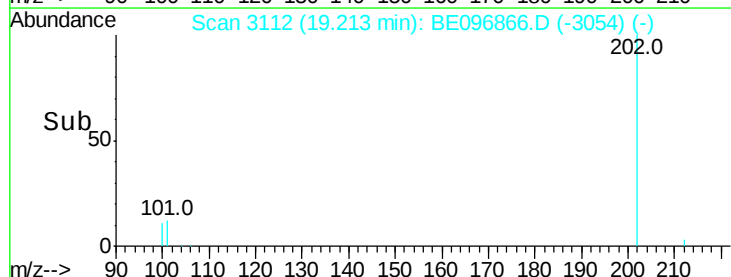
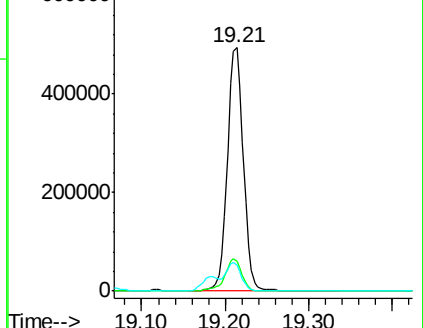
100 10.6 15.6 23.4#

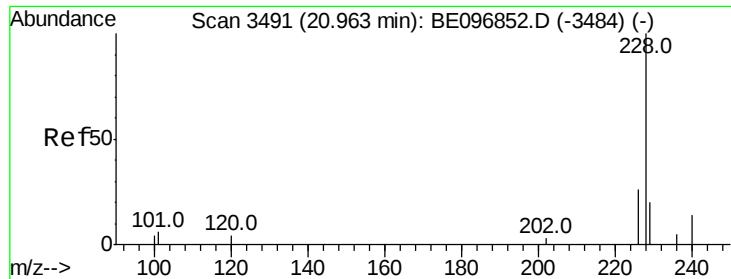


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 90.410 ng/ul

RT: 21.13 min Scan# 3524

Delta R.T. 0.17 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Instrument :

BNA_E

ClientSampleId :

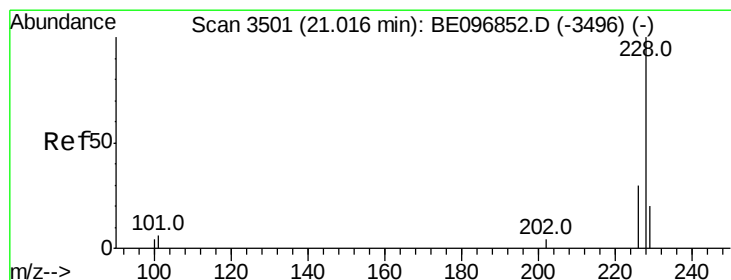
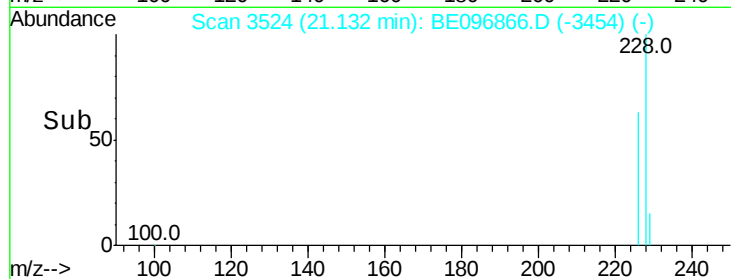
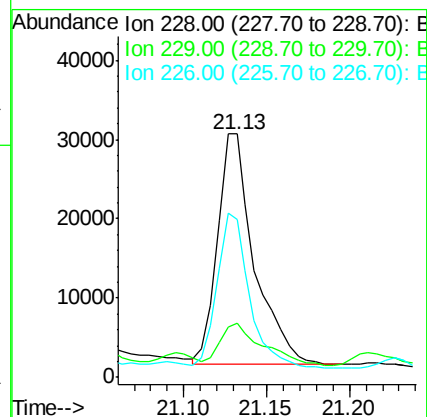
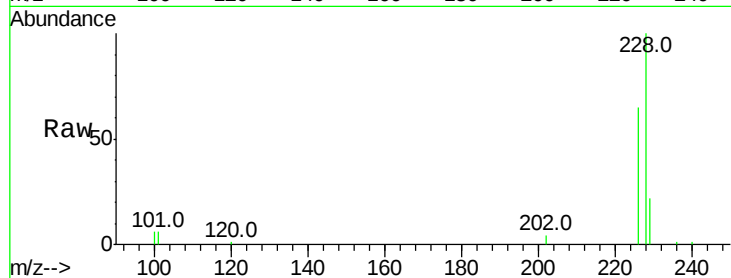
Tot Ion:228 Resp: 45209

Ion Ratio Lower Upper

228 100

229 22.1 22.8 34.2#

226 64.9 17.0 25.6#



#19

Chrysene

Concen: 639.180 ng/ul

RT: 21.02 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

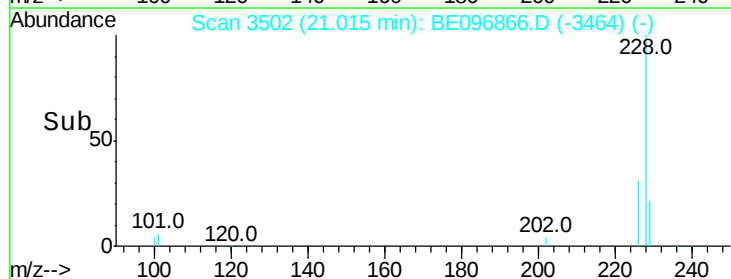
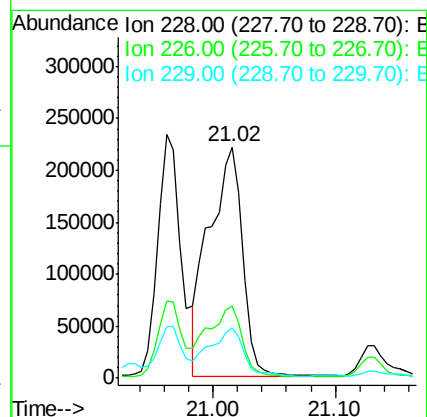
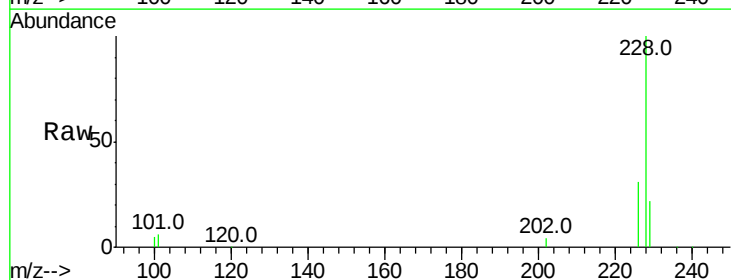
Tgt Ion:228 Resp: 414077

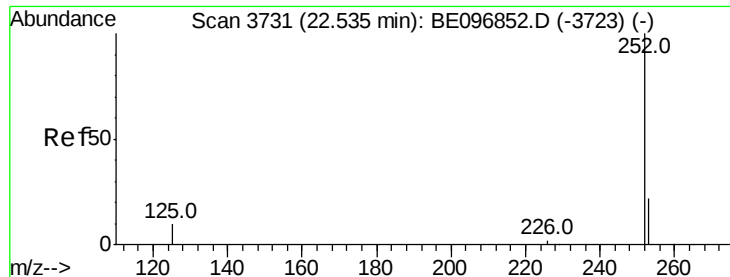
Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.0

229 21.6 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 18.280 ng/ul

RT: 22.71 min Scan# 3757

Delta R.T. 0.18 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Instrument :

BNA_E

ClientSampleId :

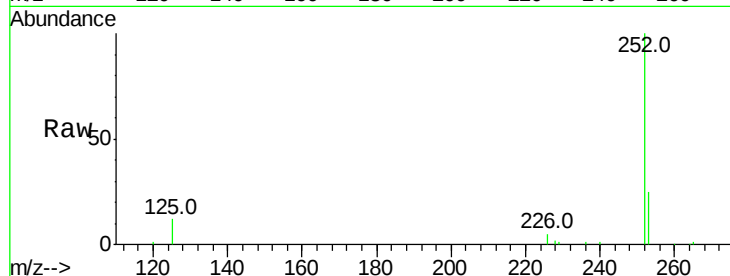
Tot Ion:252 Resp: 138501

Ion Ratio Lower Upper

252 100

253 25.2 0.0 64.2

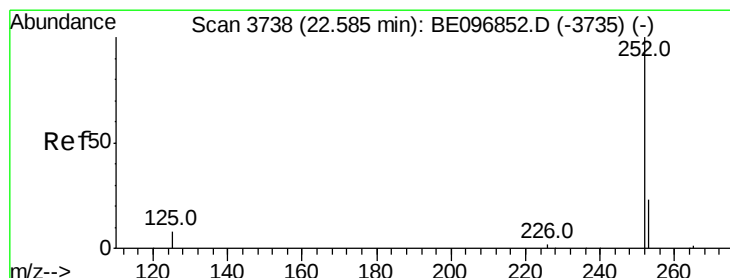
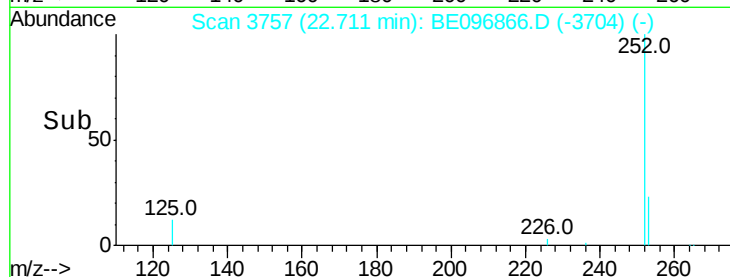
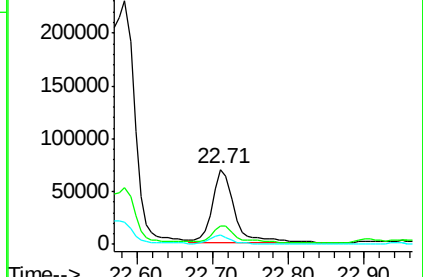
125 12.3 0.0 35.0



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: 11.993 ng/ul

RT: 22.71 min Scan# 3757

Delta R.T. 0.13 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

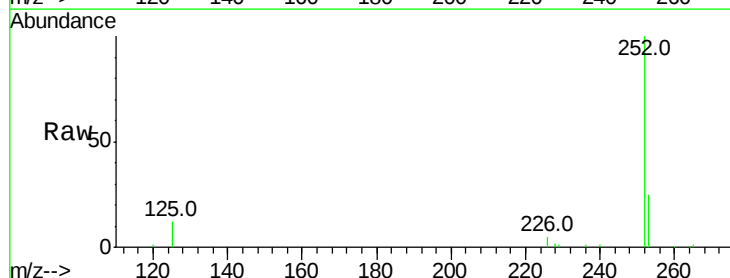
Tgt Ion:252 Resp: 99206

Ion Ratio Lower Upper

252 100

253 25.2 24.5 36.7

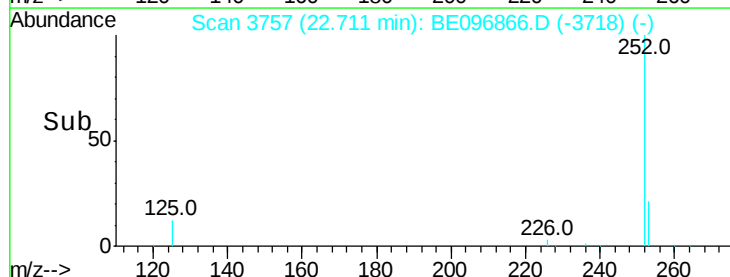
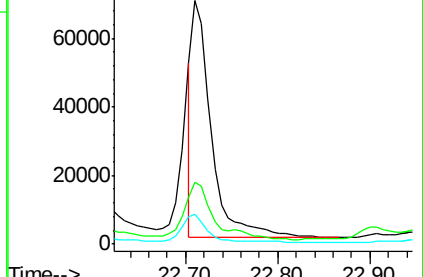
125 12.3 13.7 20.5#

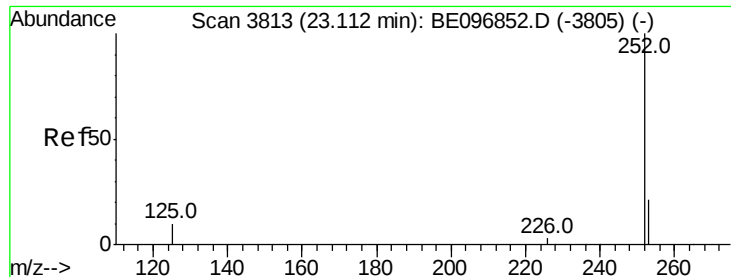


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.296 ng/ul

RT: 23.42 min Scan# 3858

Delta R.T. 0.31 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

Instrument :

BNA_E

ClientSampleId :

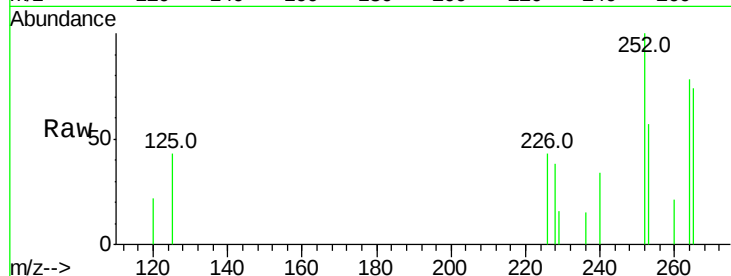
Tot Ion:252 Resp: 1899

Ion Ratio Lower Upper

252 100

253 57.0 28.5 42.7#

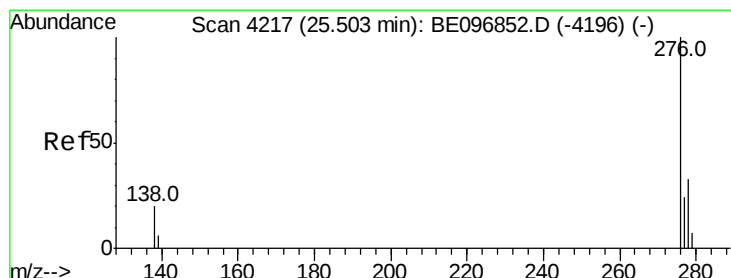
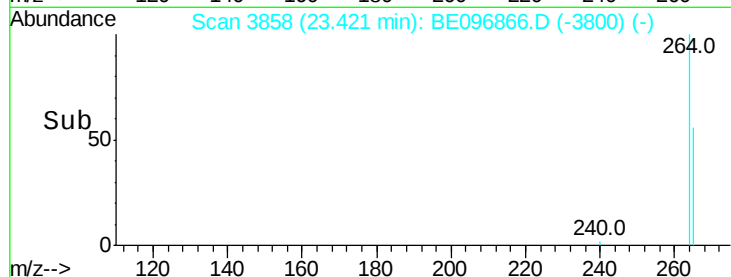
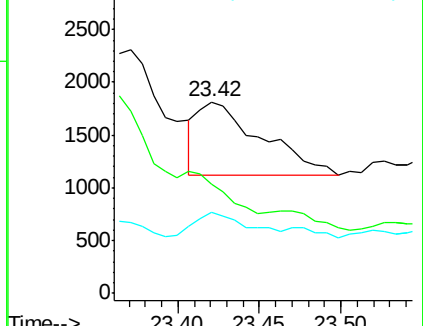
125 42.5 18.1 27.1#



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: 1.853 ng/ul

RT: 25.78 min Scan# 4297

Delta R.T. 0.28 min

Lab File: BE096866.D

Acq: 6 Jul 2018 23:03

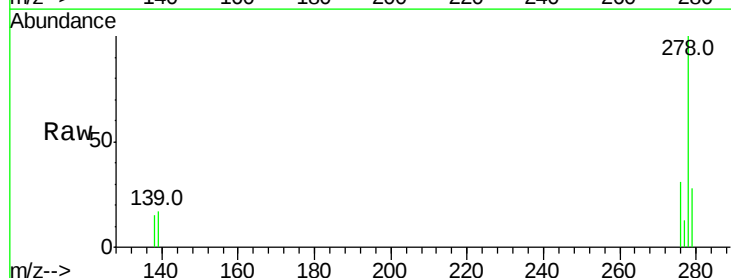
Tgt Ion:276 Resp: 12326

Ion Ratio Lower Upper

276 100

138 50.7 28.0 42.0#

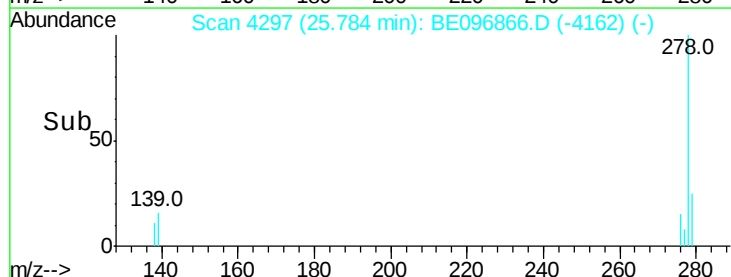
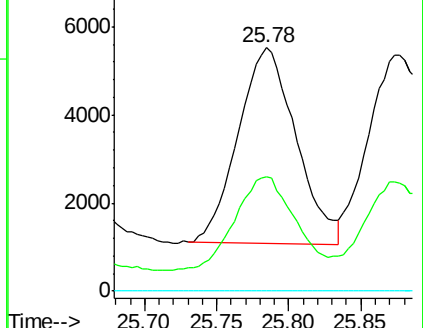
227 0.0 8.0 12.0#

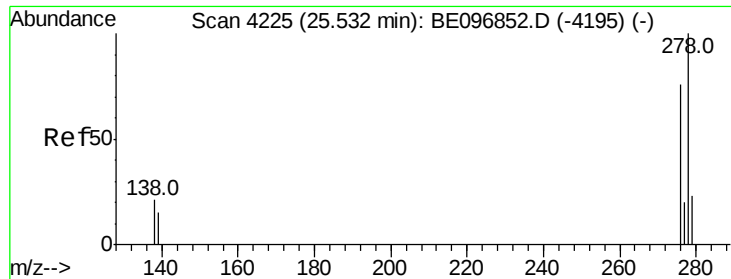


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

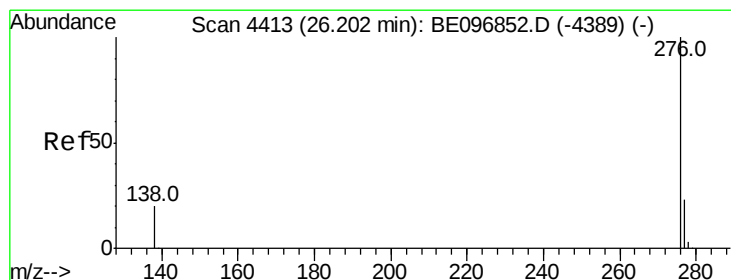
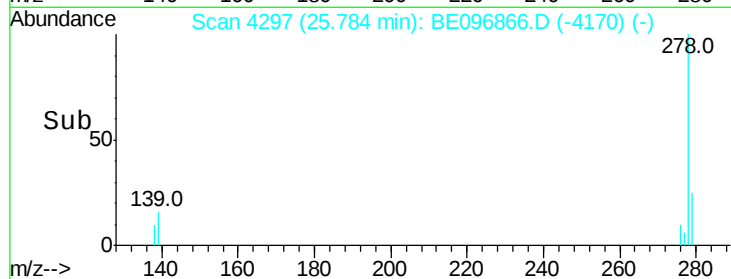
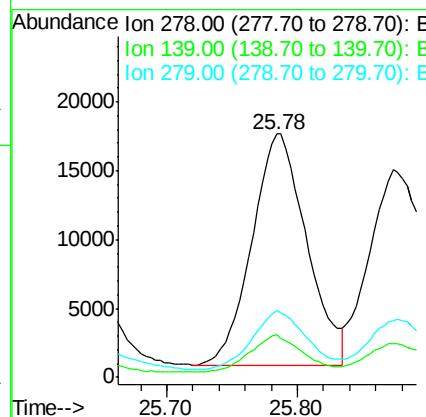
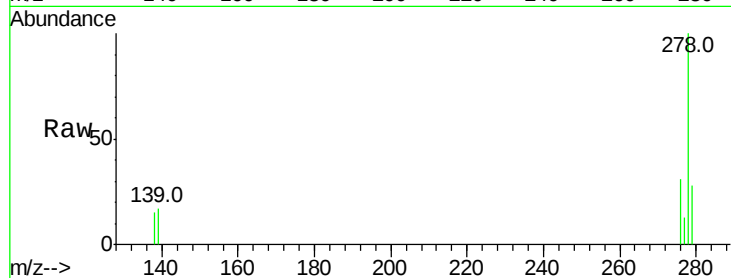




#25
Dibenzo(a,h)anthracene
Concen: 9.224 ng/ul
RT: 25.78 min Scan# 4297
Delta R.T. 0.25 min
Lab File: BE096866.D
Acq: 6 Jul 2018 23:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 48746
Ion Ratio Lower Upper
278 100
139 17.3 17.4 26.0#
279 27.7 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 5.396 ng/ul
RT: 26.58 min Scan# 4519
Delta R.T. 0.37 min
Lab File: BE096866.D
Acq: 6 Jul 2018 23:03

Tgt Ion:276 Resp: 34840
Ion Ratio Lower Upper
276 100
138 24.5 21.8 32.8
277 27.7 20.5 30.7

