

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
 Data File : BE096850.D
 Acq On : 6 Jul 2018 12:22
 Operator : SJ/JU
 Sample : SST00.144
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 06 14:58:33 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 14:58:27 2018
 Response via : Initial Calibration

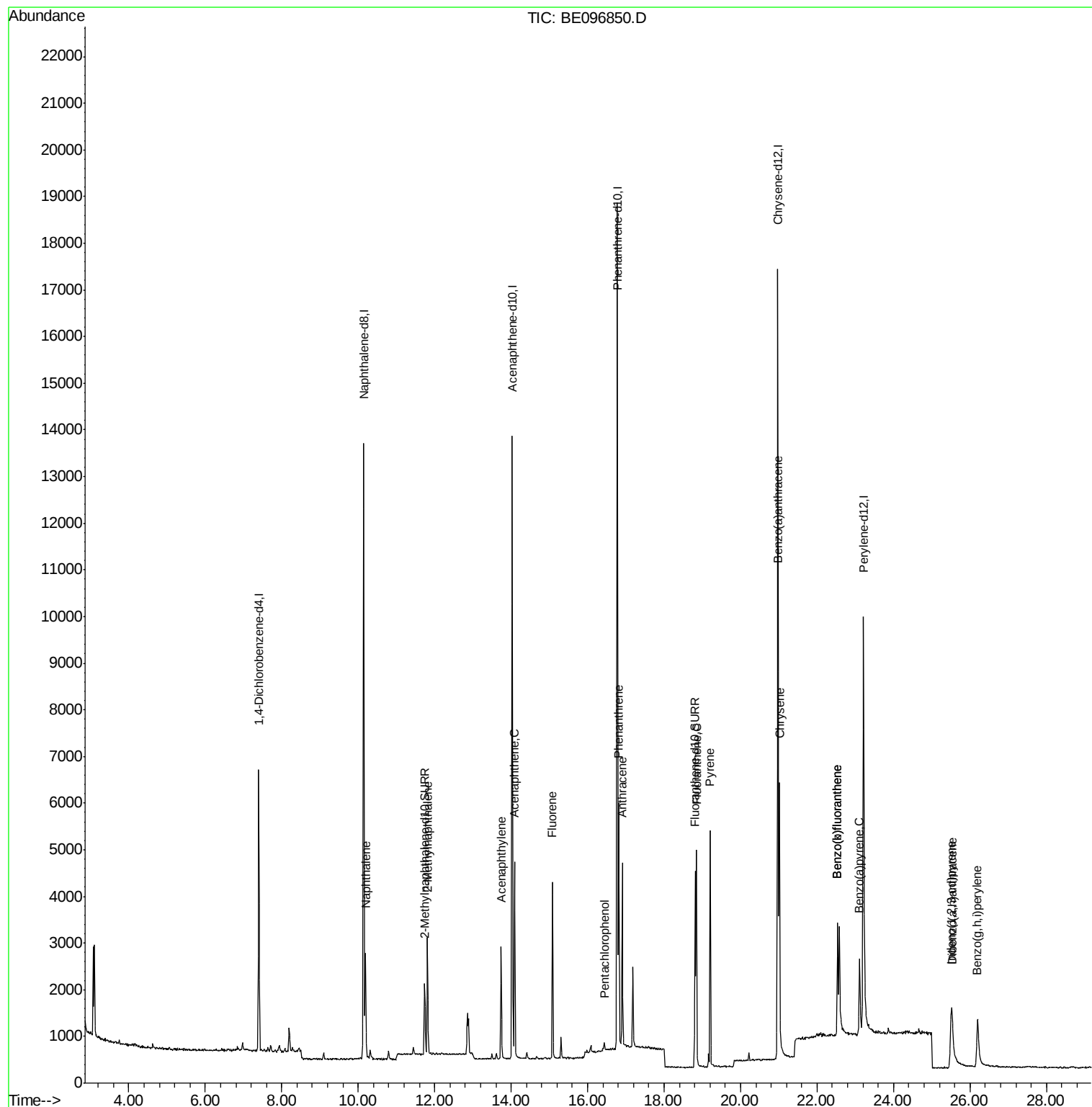
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2892	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	13700	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	7149	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	20927	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	15644	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	14306	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	2183	0.09	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	4885	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	3310	0.095	ng/ul#	96
5) 2-Methylnaphthalene	11.81	142	2136	0.094	ng/ul	99
7) Acenaphthylene	13.74	152	2828	0.091	ng/ul	98
8) Acenaphthene	14.09	153	2399	0.094	ng/ul#	92
9) Fluorene	15.08	166	2349	0.086	ng/ul	92
11) Pentachlorophenol	16.44	266	107	0.131	ng/ul	98
12) Phenanthrene	16.82	178	5346	0.091	ng/ul#	89
13) Anthracene	16.91	178	4242	0.087	ng/ul#	91
15) Fluoranthene	18.85	202	5217	0.080	ng/ul	83
17) Pyrene	19.21	202	5612	0.103	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	3488	0.093	ng/ul#	85
19) Chrysene	21.02	228	4922	0.094	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	3516	0.083	ng/ul	89
22) Benzo(k)fluoranthene	22.53	252	3516	0.080	ng/ul	91
23) Benzo(a)pyrene	23.11	252	2861	0.075	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.51	276	2849	0.075	ng/ul#	79
25) Dibenzo(a,h)anthracene	25.53	278	2020	0.069	ng/ul#	96
26) Benzo(g,h,i)perylene	26.21	276	2904	0.077	ng/ul	94

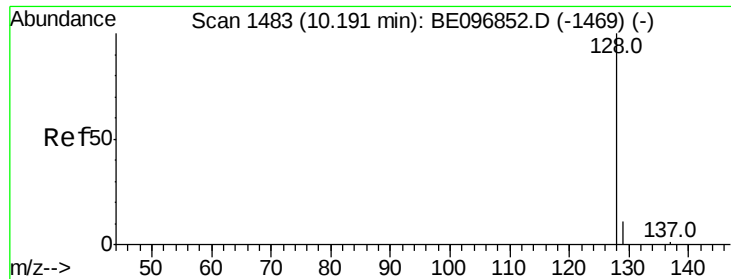
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
ClientSampled :

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#3

Naphthalene

Concen: 0.095 ng/ul

RT: 10.19 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE096850.D

Acq: 6 Jul 2018 12:22

Instrument :

BNA_E

ClientSampleId :

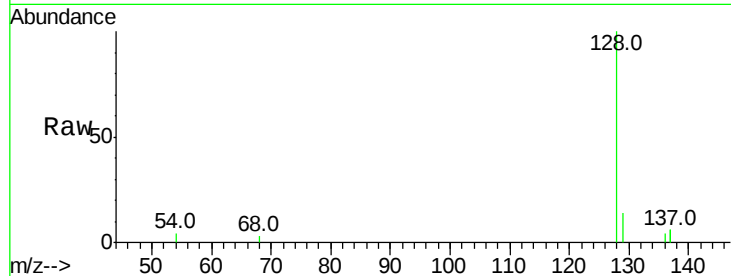
Tot Ion:128 Resp: 3310

Ion Ratio Lower Upper

128 100

129 14.0 11.3 16.9

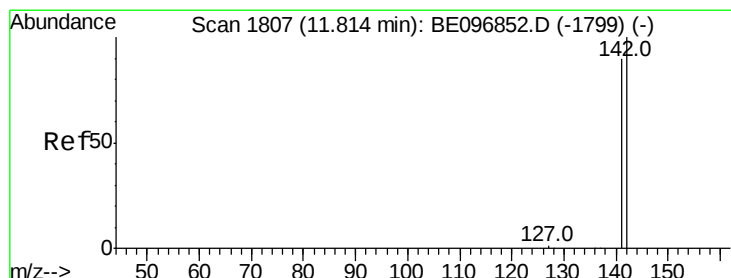
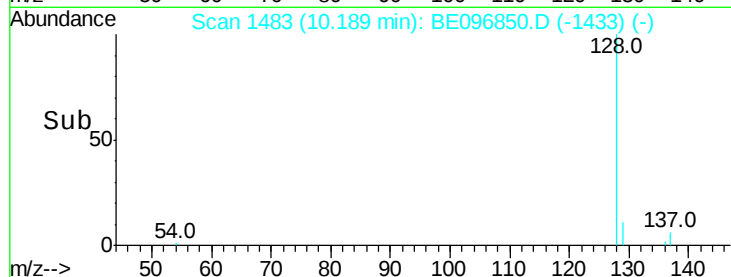
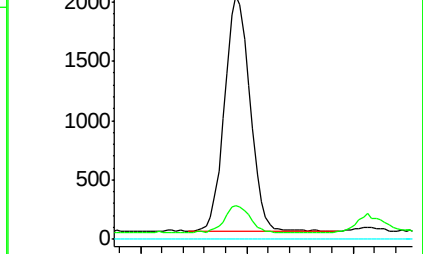
127 0.0 4.0 6.0#



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: 0.094 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BE096850.D

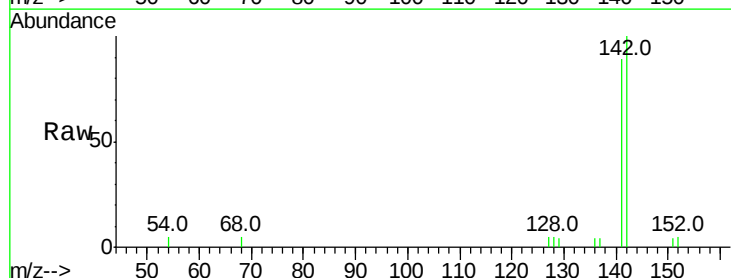
Acq: 6 Jul 2018 12:22

Tgt Ion:142 Resp: 2136

Ion Ratio Lower Upper

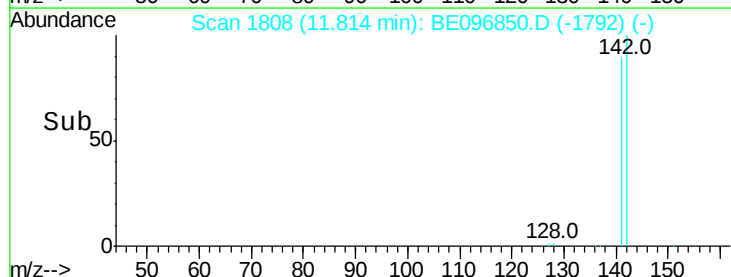
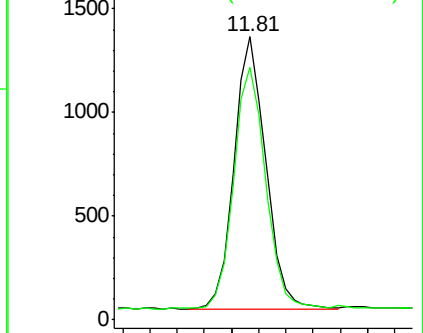
142 100

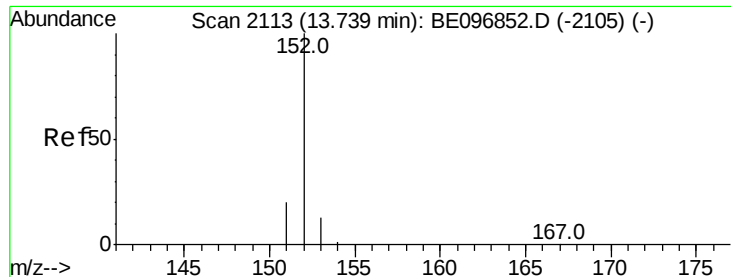
141 89.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.091 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE096850.D

Acq: 6 Jul 2018 12:22

Instrument :

BNA_E

ClientSampleId :

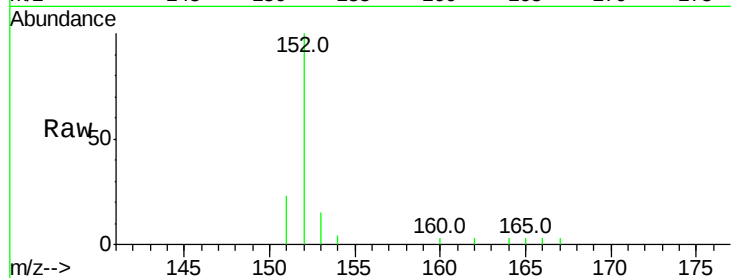
Tot Ion:152 Resp: 2828

Ion Ratio Lower Upper

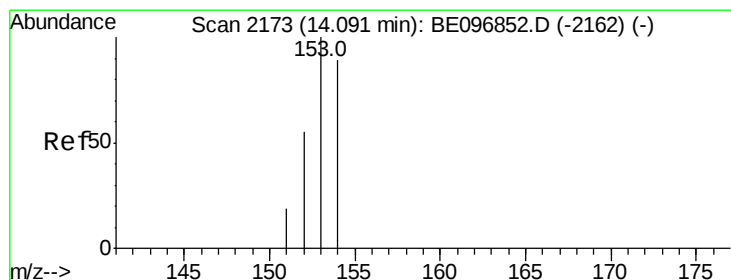
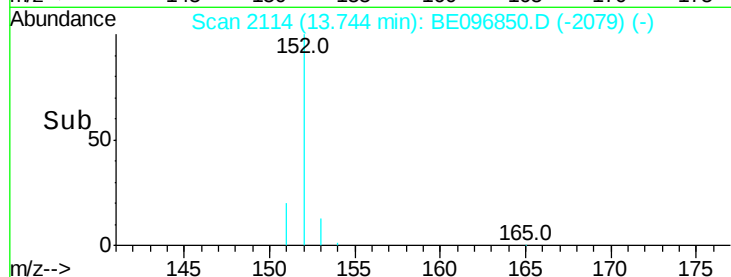
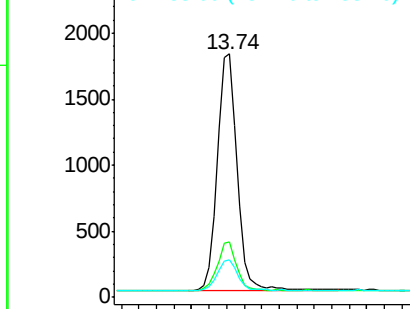
152 100

151 22.6 17.1 25.7

153 15.2 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: 0.094 ng/ul

RT: 14.09 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BE096850.D

Acq: 6 Jul 2018 12:22

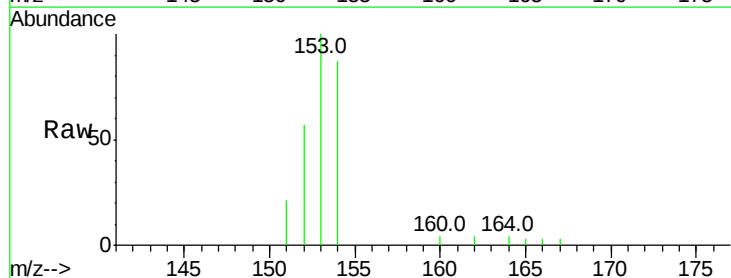
Tgt Ion:153 Resp: 2399

Ion Ratio Lower Upper

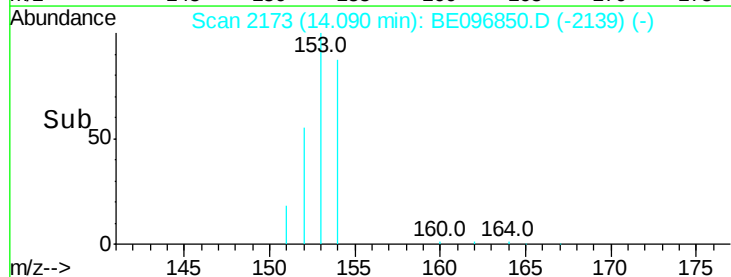
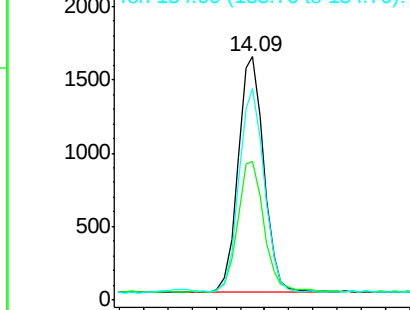
153 100

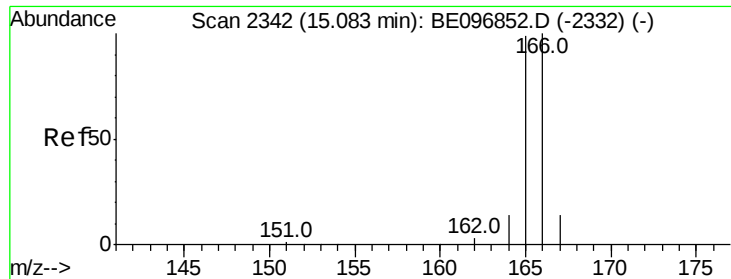
152 56.9 36.0 54.0#

154 86.8 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: 0.086 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BE096850.D

Acq: 6 Jul 2018 12:22

Instrument :

BNA_E

ClientSampleId :

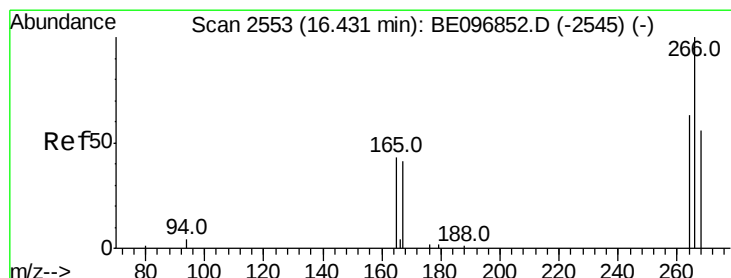
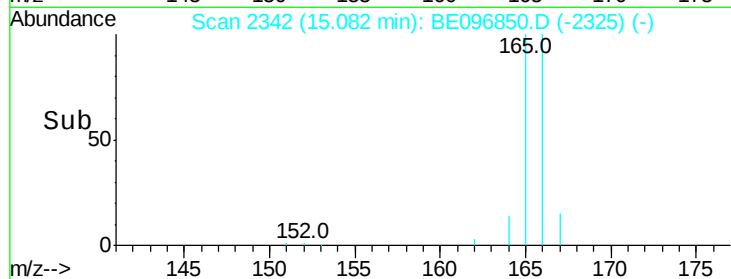
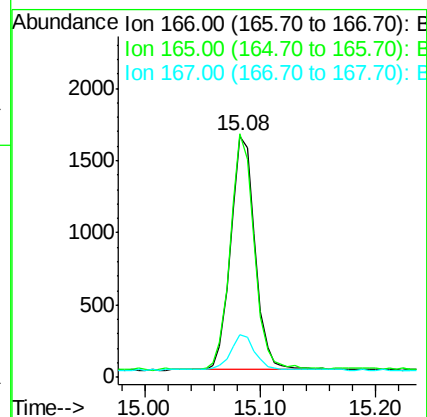
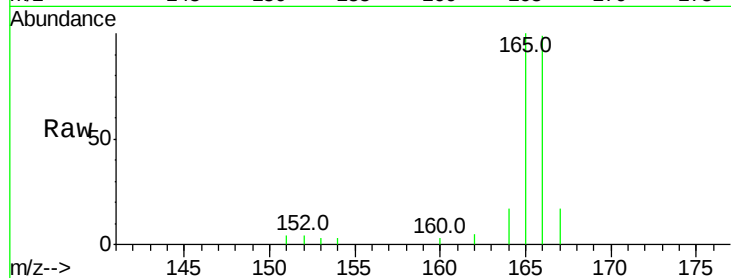
Tot Ion:166 Resp: 2349

Ion Ratio Lower Upper

166 100

165 100.8 73.4 110.2

167 17.5 14.6 22.0



#11

Pentachlorophenol

Concen: 0.131 ng/ul

RT: 16.44 min Scan# 2554

Delta R.T. 0.01 min

Lab File: BE096850.D

Acq: 6 Jul 2018 12:22

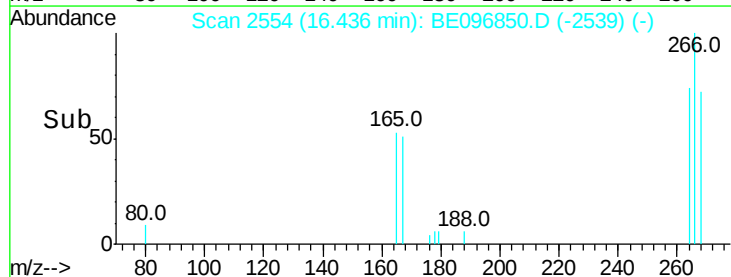
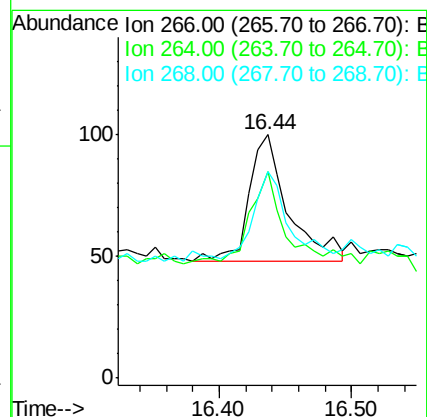
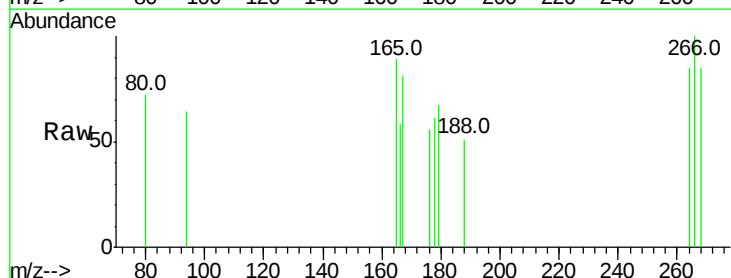
Tgt Ion:266 Resp: 107

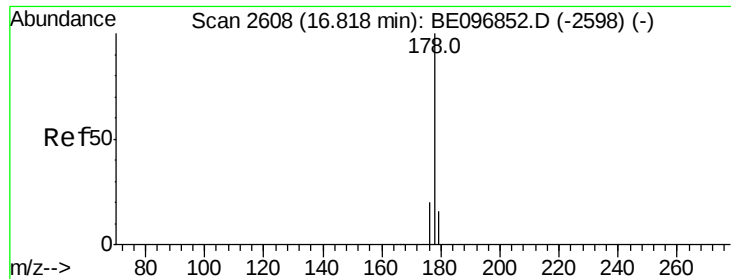
Ion Ratio Lower Upper

266 100

264 61.7 47.9 71.9

268 60.7 49.8 74.8

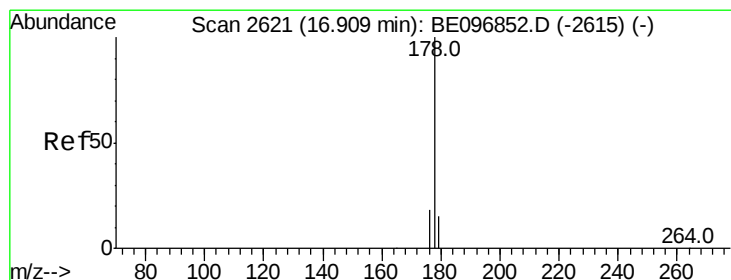
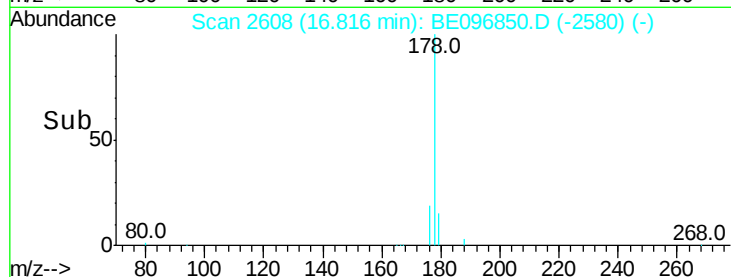
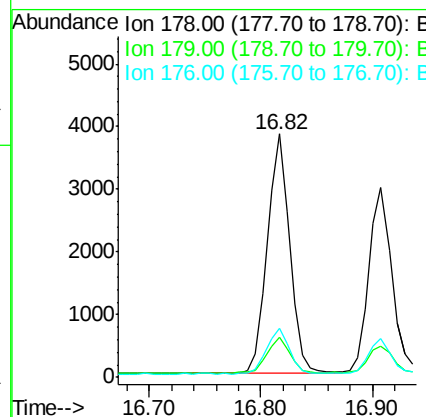
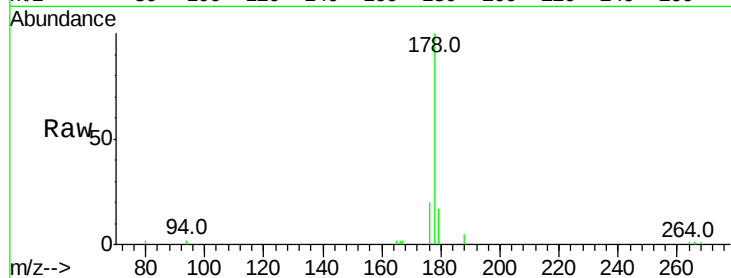




#12
Phenanthrene
Concen: 0.091 ng/ul
RT: 16.82 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BE096850.D
Acq: 6 Jul 2018 12:22

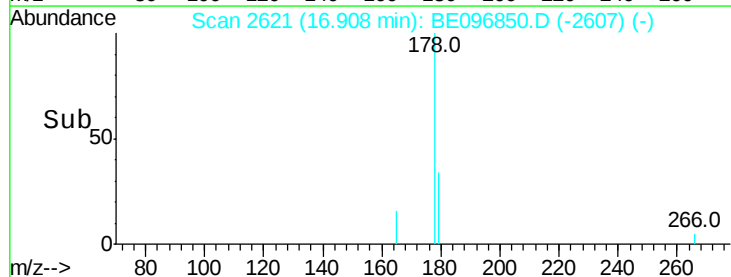
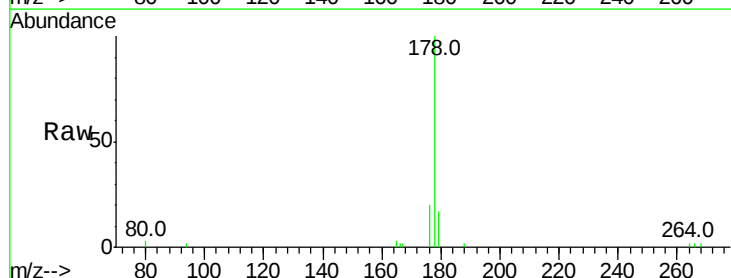
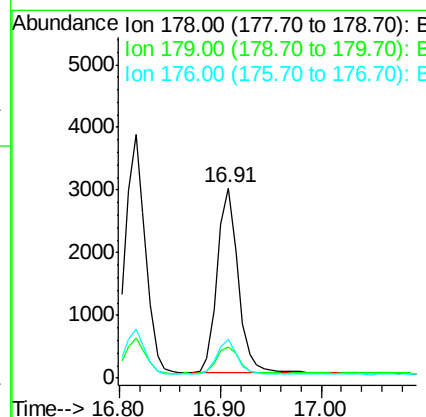
Instrument :
BNA_E
ClientSampleId :

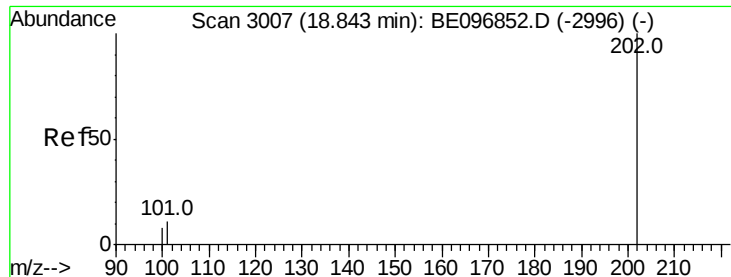
Tot Ion:178 Resp: 5346
Ion Ratio Lower Upper
178 100
179 16.5 18.4 27.6#
176 19.9 13.6 20.4



#13
Anthracene
Concen: 0.087 ng/ul
RT: 16.91 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE096850.D
Acq: 6 Jul 2018 12:22

Tgt Ion:178 Resp: 4242
Ion Ratio Lower Upper
178 100
179 16.6 18.1 27.1#
176 20.2 14.7 22.1

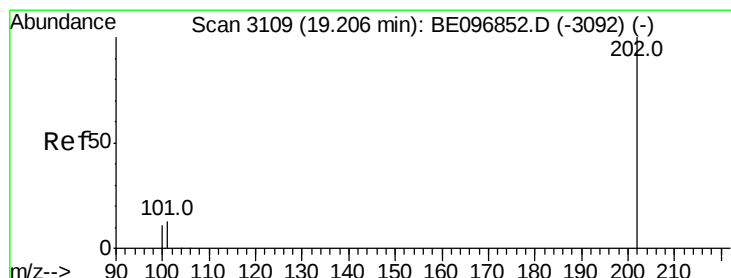
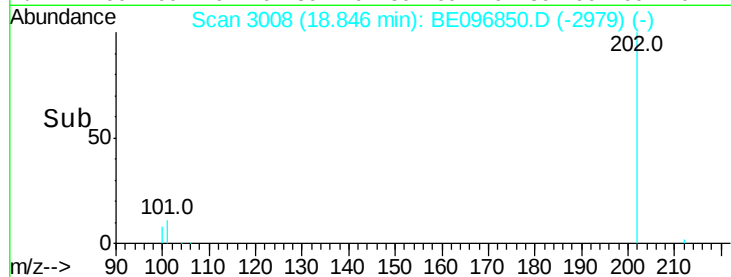
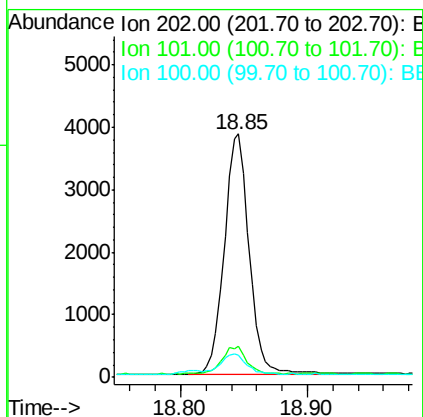
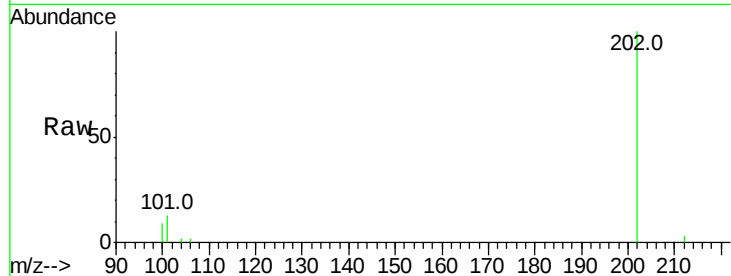




#15
Fluoranthene
Concen: 0.080 ng/ul
RT: 18.85 min Scan# 3008
Delta R.T. 0.00 min
Lab File: BE096850.D
Acq: 6 Jul 2018 12:22

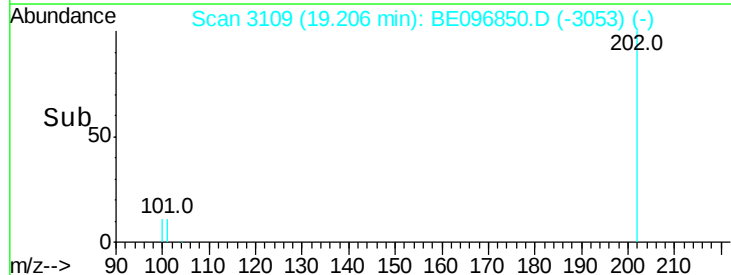
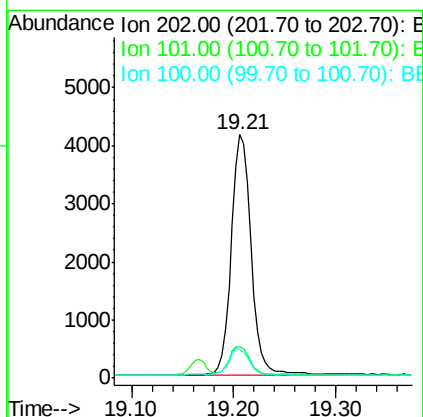
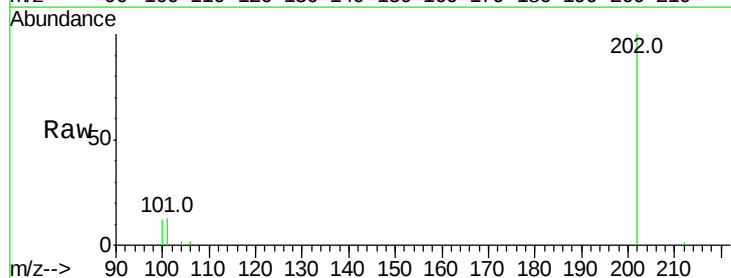
Instrument :
BNA_E
ClientSampleId :

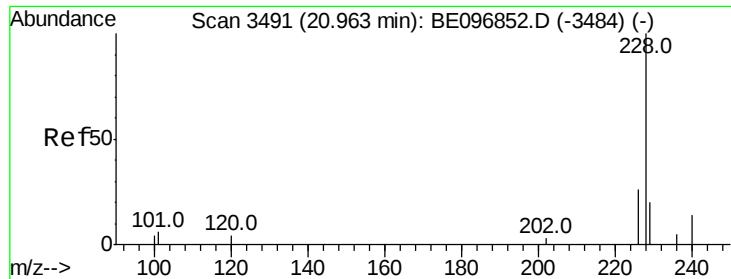
Tot Ion:202 Resp: 5217
Ion Ratio Lower Upper
202 100
101 12.5 0.0 30.3
100 9.1 0.0 39.5



#17
Pyrene
Concen: 0.103 ng/ul
RT: 19.21 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BE096850.D
Acq: 6 Jul 2018 12:22

Tgt Ion:202 Resp: 5612
Ion Ratio Lower Upper
202 100
101 12.6 18.2 27.4#
100 11.9 15.6 23.4#

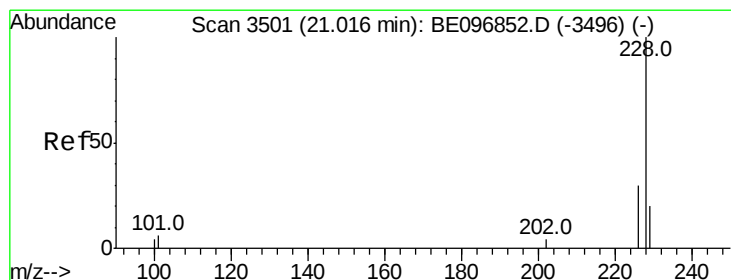
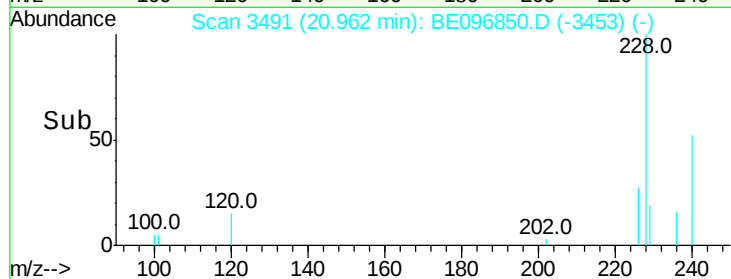
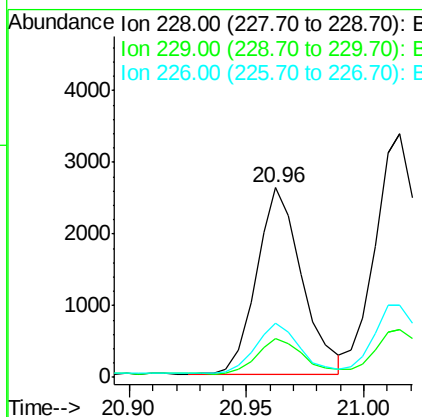
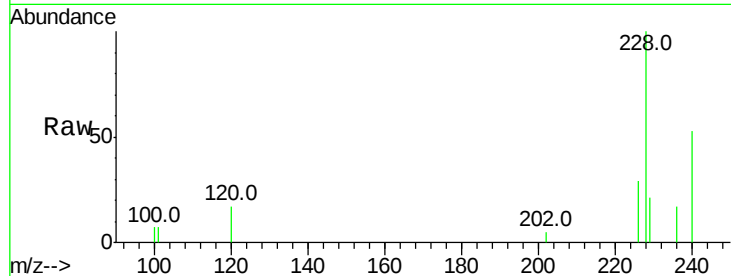




#18
Benzo(a)anthracene
Concen: 0.093 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE096850.D
Acq: 6 Jul 2018 12:22

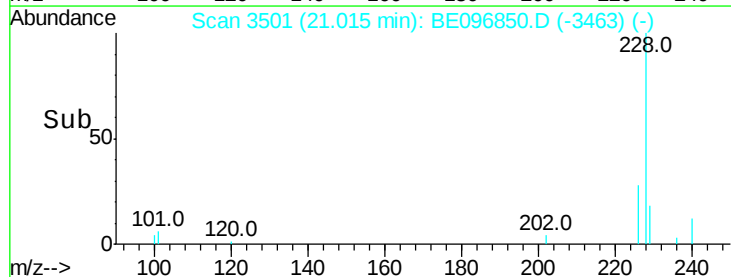
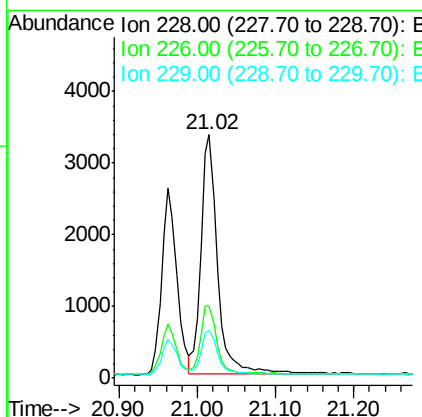
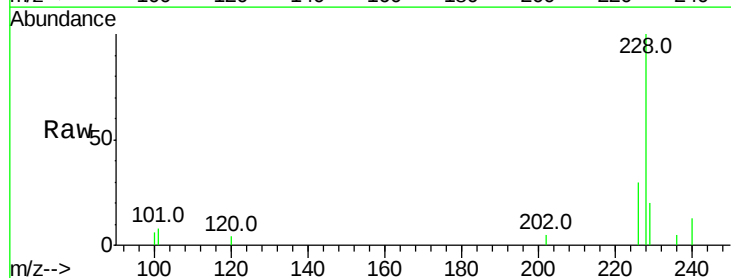
Instrument :
BNA_E
ClientSampleId :

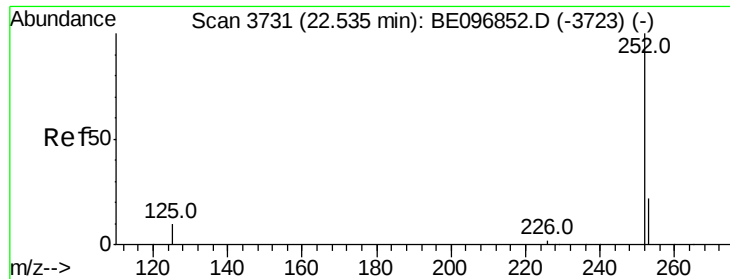
Tot Ion:228 Resp: 3488
Ion Ratio Lower Upper
228 100
229 20.7 22.8 34.2#
226 28.6 17.0 25.6#



#19
Chrysene
Concen: 0.094 ng/ul
RT: 21.02 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE096850.D
Acq: 6 Jul 2018 12:22

Tgt Ion:228 Resp: 4922
Ion Ratio Lower Upper
228 100
226 29.6 23.4 35.0
229 19.6 17.7 26.5

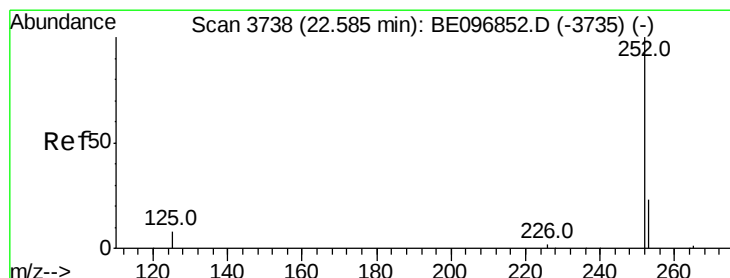
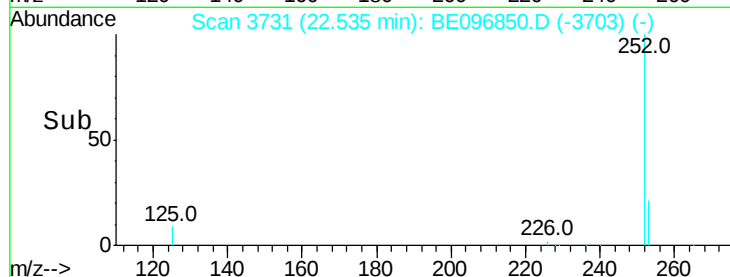
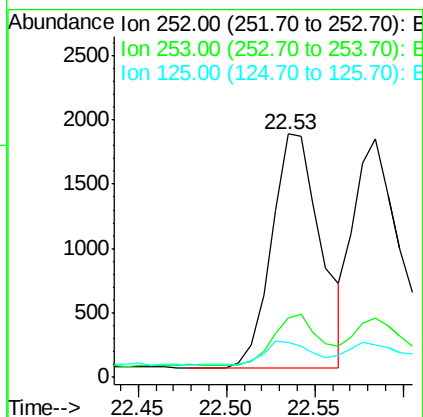
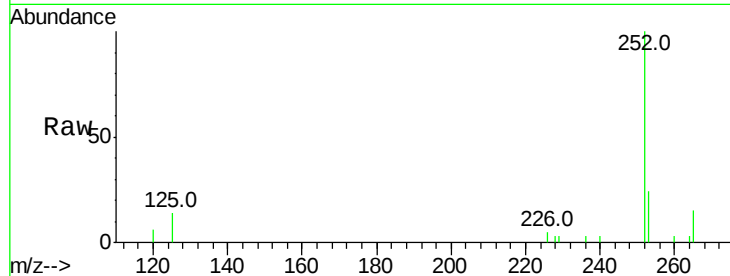




#21
Benzo(b)fluoranthene
Concen: 0.083 ng/u1
RT: 22.53 min Scan# 3731
Delta R.T. -0.00 min
Lab File: BE096850.D
Acq: 6 Jul 2018 12:22

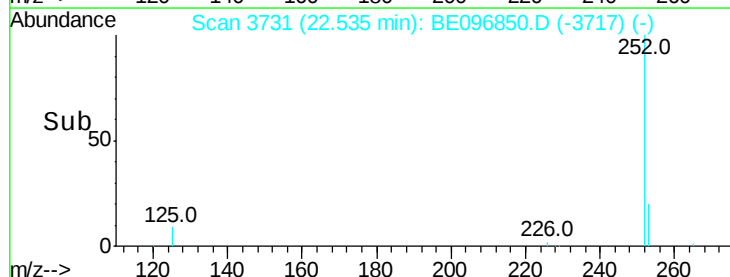
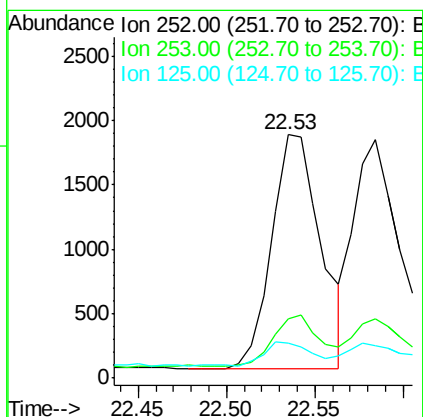
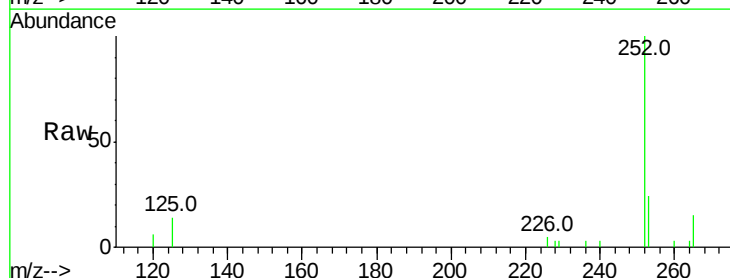
Instrument :
BNA_E
ClientSampleId :

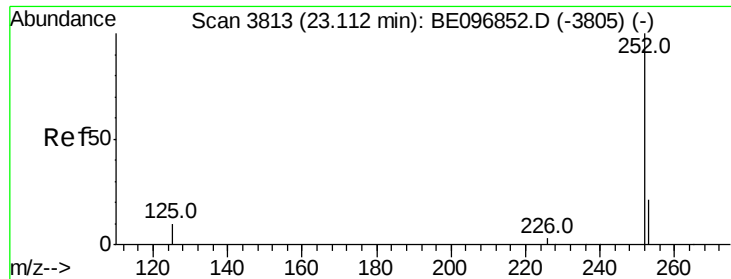
Tot Ion:252 Resp: 3516
Ion Ratio Lower Upper
252 100
253 24.5 0.0 64.2
125 14.4 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.080 ng/u1
RT: 22.53 min Scan# 3731
Delta R.T. -0.05 min
Lab File: BE096850.D
Acq: 6 Jul 2018 12:22

Tgt Ion:252 Resp: 3516
Ion Ratio Lower Upper
252 100
253 24.5 24.5 36.7
125 14.4 13.7 20.5





#23

Benzo(a)pyrene

Concen: 0.075 ng/ul

RT: 23.11 min Scan# 3813

Delta R.T. -0.00 min

Lab File: BE096850.D

Acq: 6 Jul 2018 12:22

Instrument :

BNA_E

ClientSampleId :

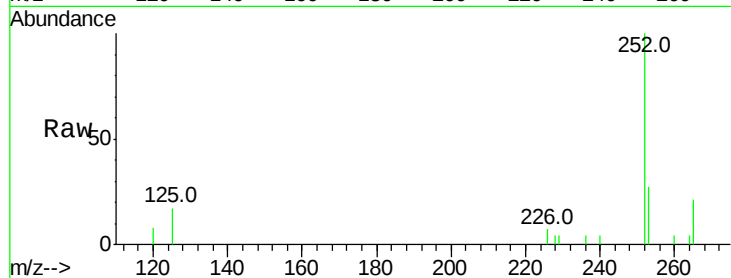
Tot Ion:252 Resp: 2861

Ion Ratio Lower Upper

252 100

253 26.8 28.5 42.7#

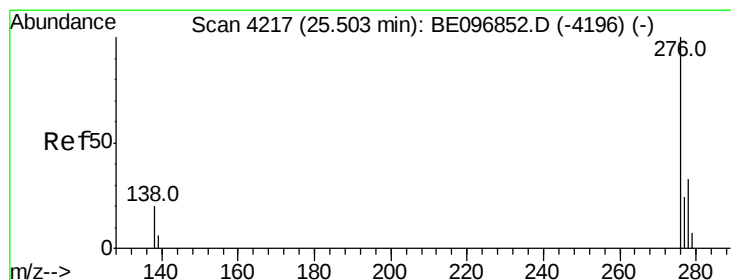
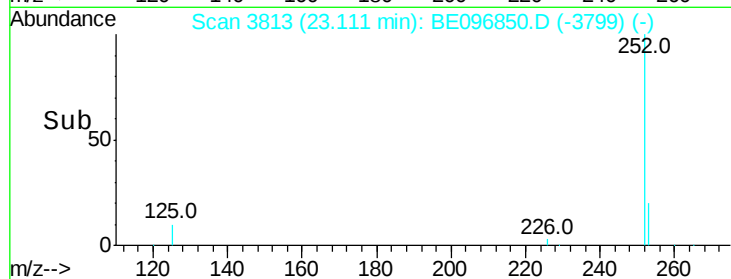
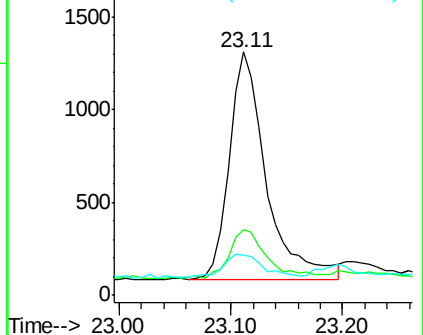
125 16.5 18.1 27.1#



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: 0.075 ng/ul

RT: 25.51 min Scan# 4218

Delta R.T. 0.00 min

Lab File: BE096850.D

Acq: 6 Jul 2018 12:22

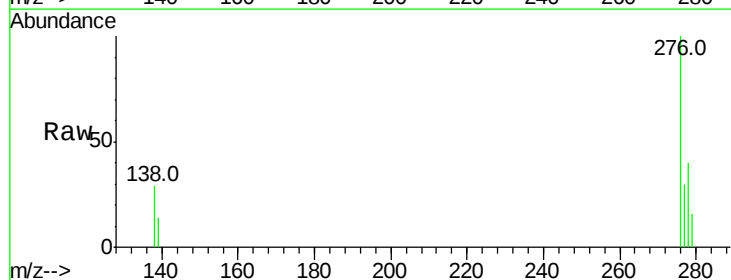
Tgt Ion:276 Resp: 2849

Ion Ratio Lower Upper

276 100

138 23.8 28.0 42.0#

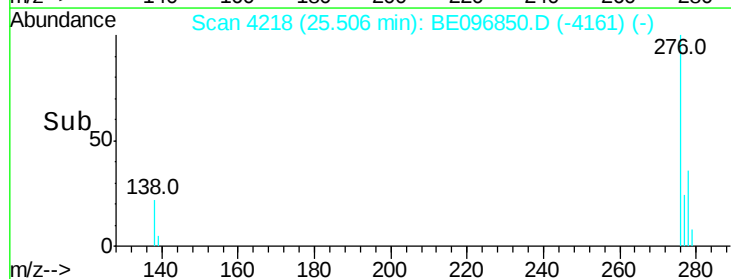
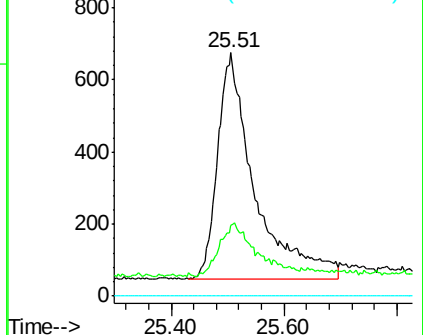
227 0.0 8.0 12.0#

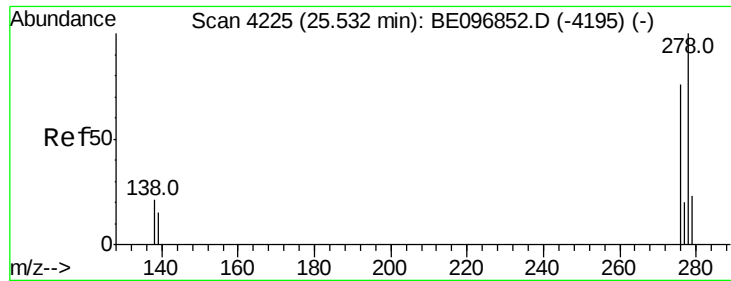


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

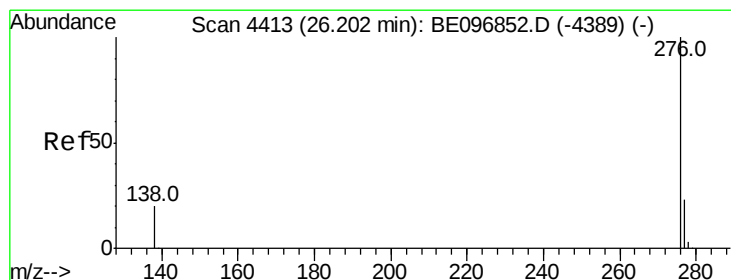
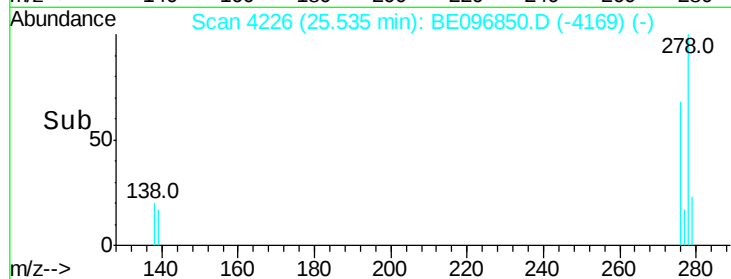
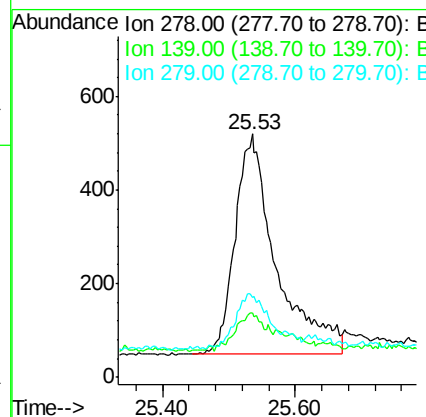
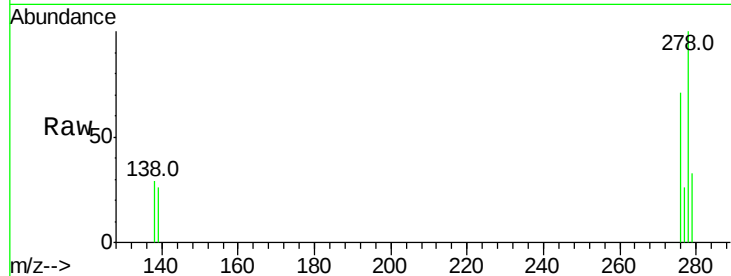




#25
Dibenzo(a,h)anthracene
Concen: 0.069 ng/ul
RT: 25.53 min Scan# 4226
Delta R.T. 0.00 min
Lab File: BE096850.D
Acq: 6 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 2020
Ion Ratio Lower Upper
278 100
139 26.2 17.4 26.0#
279 32.9 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.077 ng/ul
RT: 26.21 min Scan# 4414
Delta R.T. 0.00 min
Lab File: BE096850.D
Acq: 6 Jul 2018 12:22

Tgt Ion:276 Resp: 2904
Ion Ratio Lower Upper
276 100
138 23.2 21.8 32.8
277 28.0 20.5 30.7

