

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080918\
 Data File : BE097248.D
 Acq On : 9 Aug 2018 13:21
 Operator : SJ/JU
 Sample : J4268-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 09 16:04:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 23:25:58 2018
 Response via : Initial Calibration

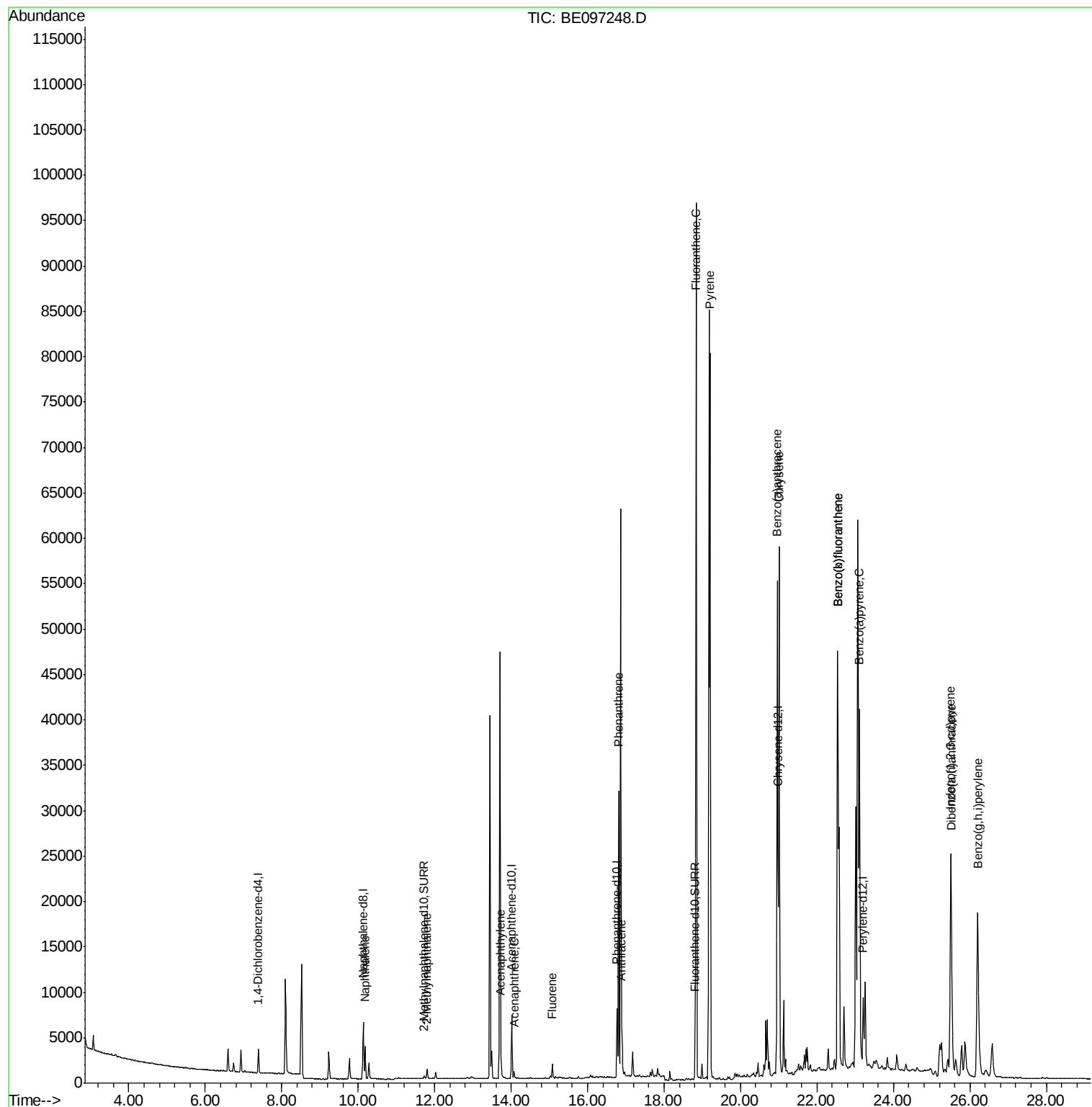
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1242	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6548	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3748	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	8706	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	9295	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10162	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	389	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	946	0.03	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.18	128	5434	0.343	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	932	0.089	ng/ul	99
7) Acenaphthylene	13.73	152	2182	0.135	ng/ul	97
8) Acenaphthene	14.08	153	438	0.037	ng/ul#	90
9) Fluorene	15.08	166	1047	0.078	ng/ul	96
12) Phenanthrene	16.81	178	33640	1.516	ng/ul#	89
13) Anthracene	16.90	178	4700	0.227	ng/ul#	92
15) Fluoranthene	18.84	202	103525	3.529	ng/ul	84
17) Pyrene	19.20	202	86176	3.460	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	42715	1.608	ng/ul#	83
19) Chrysene	21.01	228	54115	1.977	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	107402	3.878	ng/ul	83
22) Benzo(k)fluoranthene	22.54	252	107402	3.596	ng/ul#	85
23) Benzo(a)pyrene	23.11	252	51431	1.856	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.50	276	44746	1.290	ng/ul#	71
25) Dibenzo(a,h)anthracene	25.52	278	9264	0.326	ng/ul	90
26) Benzo(a,h,i)perylene	26.20	276	42835	1.429	ng/ul#	90

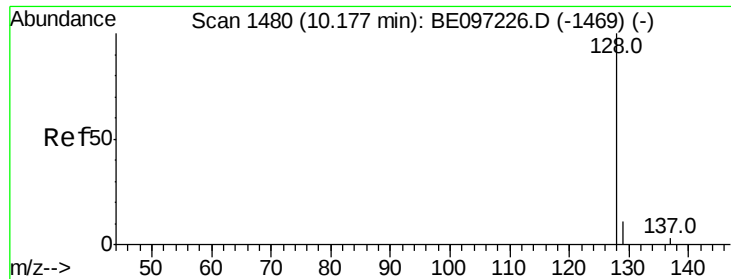
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.343 ng/ul

RT: 10.18 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE097248.D

Acq: 9 Aug 2018 13:21

Instrument :

BNA_E

ClientSampleId :

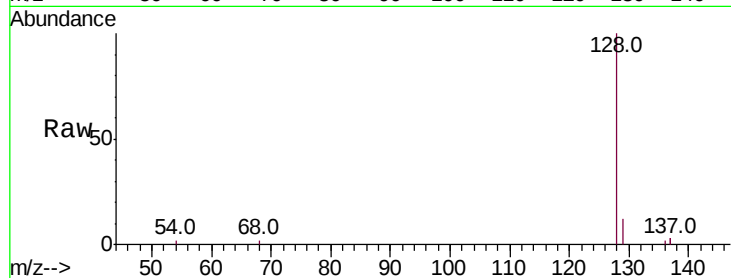
Tot Ion:128 Resp: 5434

Ion Ratio Lower Upper

128 100

129 12.4 11.3 16.9

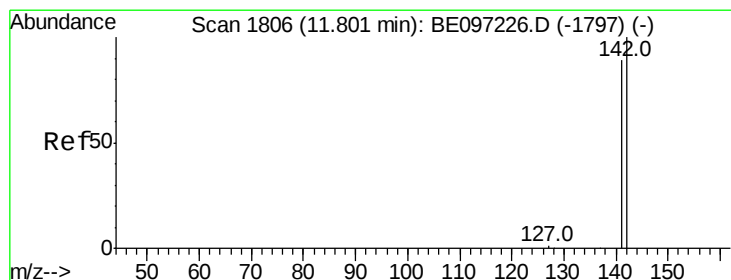
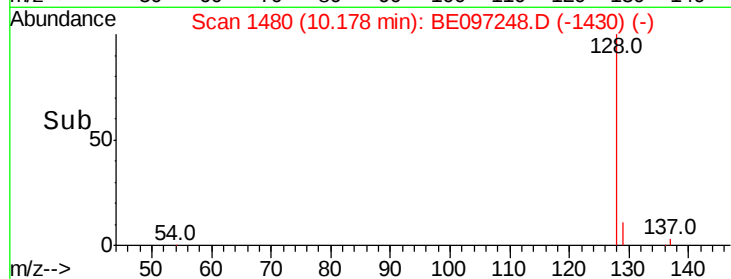
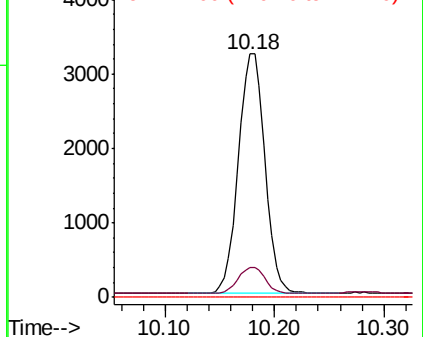
127 0.0 4.0 6.0#



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: 0.089 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BE097248.D

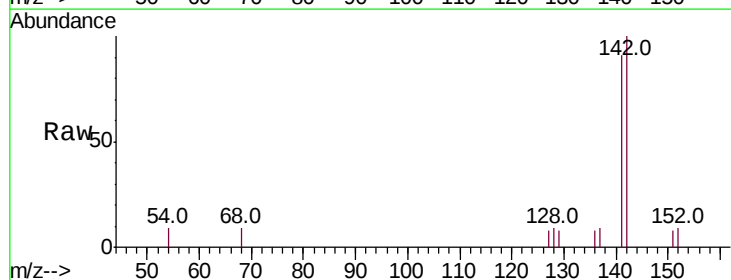
Acq: 9 Aug 2018 13:21

Tgt Ion:142 Resp: 932

Ion Ratio Lower Upper

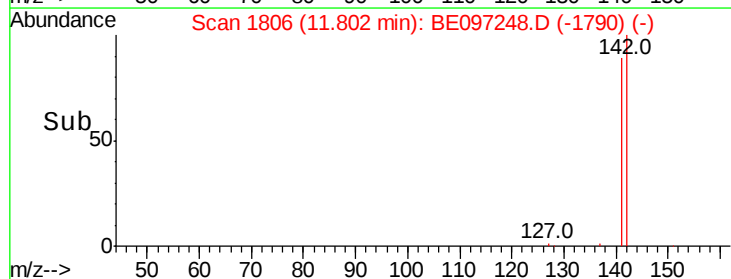
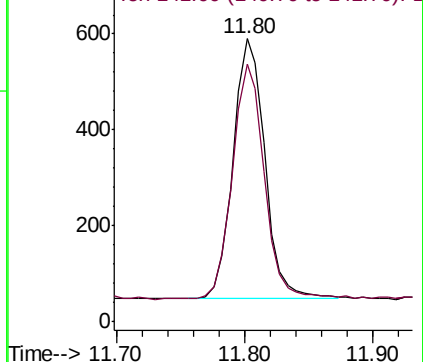
142 100

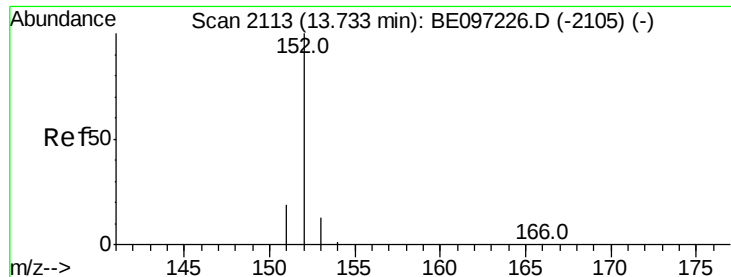
141 91.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.135 ng/ul

RT: 13.73 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE097248.D

Acq: 9 Aug 2018 13:21

Instrument :

BNA_E

ClientSampleId :

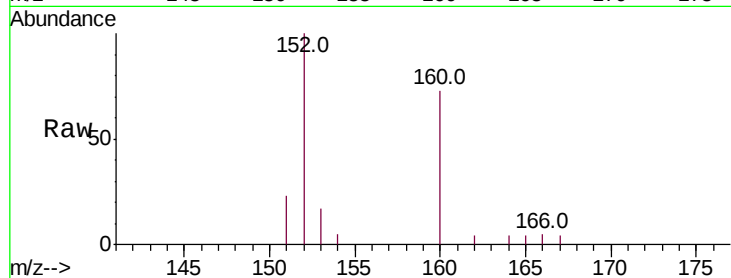
Tot Ion:152 Resp: 2182

Ion Ratio Lower Upper

152 100

151 22.9 17.1 25.7

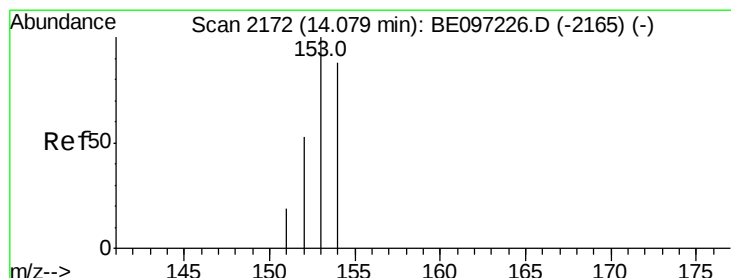
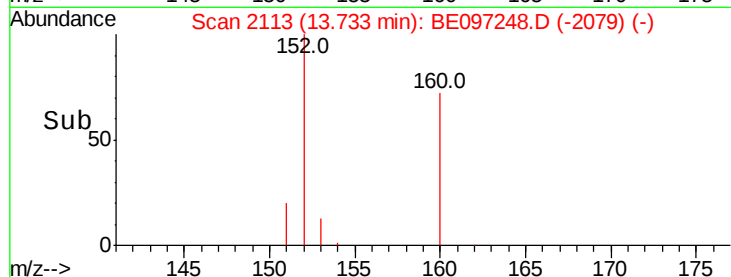
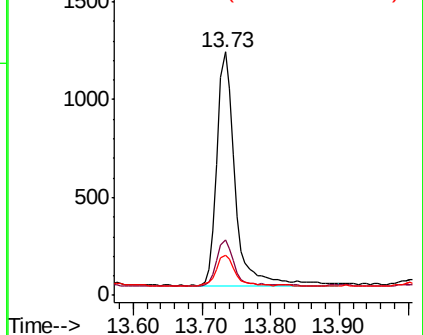
153 16.7 12.8 19.2



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: 0.037 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BE097248.D

Acq: 9 Aug 2018 13:21

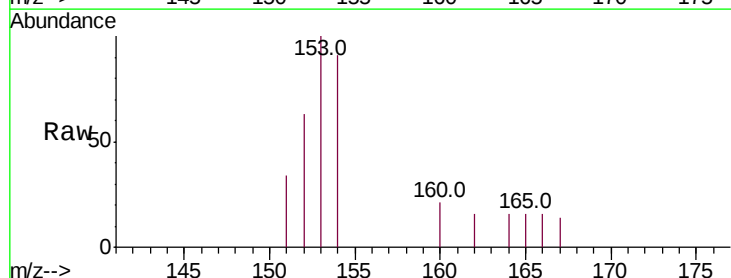
Tgt Ion:153 Resp: 438

Ion Ratio Lower Upper

153 100

152 63.0 36.0 54.0#

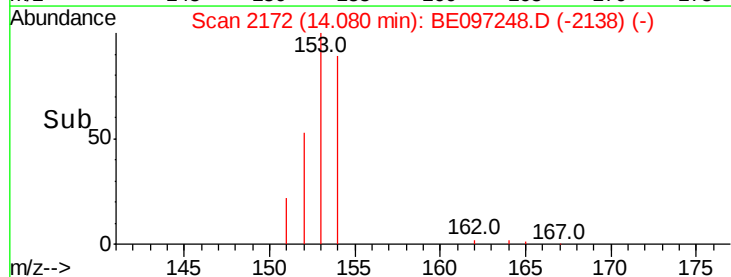
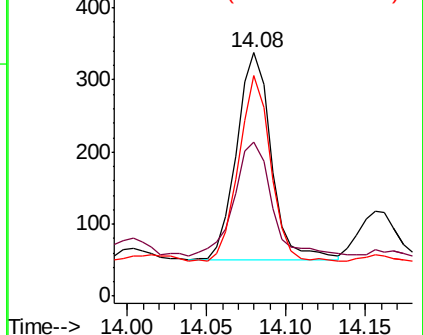
154 90.5 72.0 108.0

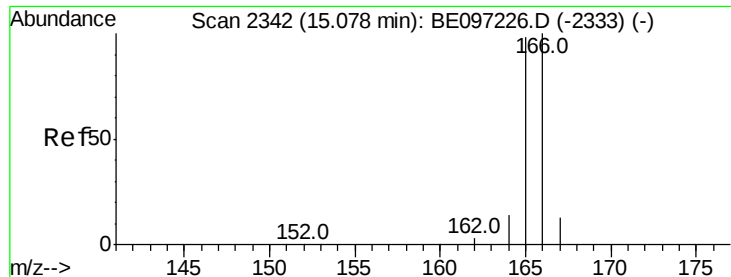


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.078 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BE097248.D

Acq: 9 Aug 2018 13:21

Instrument :

BNA_E

ClientSampleId :

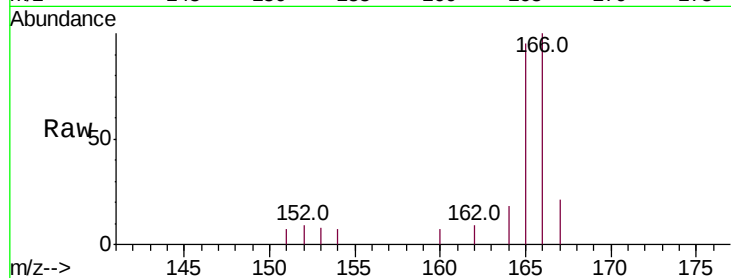
Tot Ion:166 Resp: 1047

Ion Ratio Lower Upper

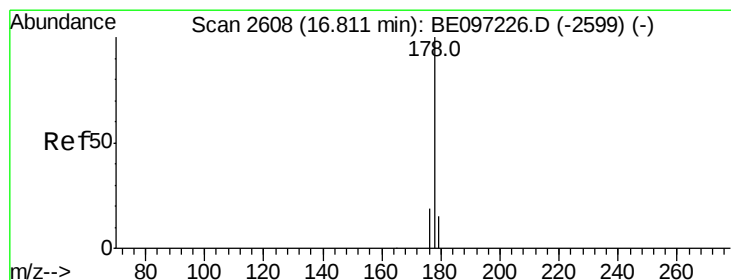
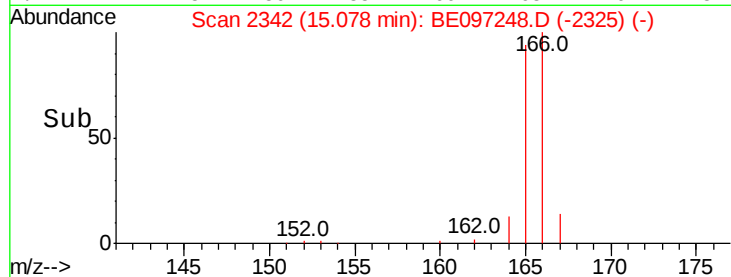
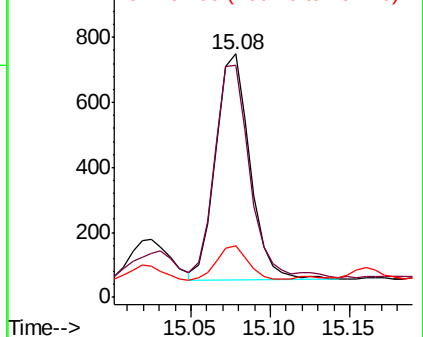
166 100

165 95.2 73.4 110.2

167 21.1 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



#12

Phenanthrene

Concen: 1.516 ng/ul

RT: 16.81 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BE097248.D

Acq: 9 Aug 2018 13:21

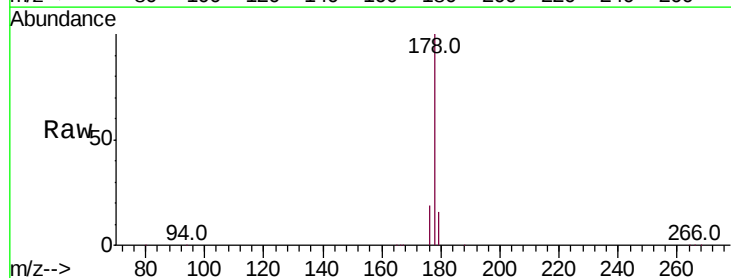
Tgt Ion:178 Resp: 33640

Ion Ratio Lower Upper

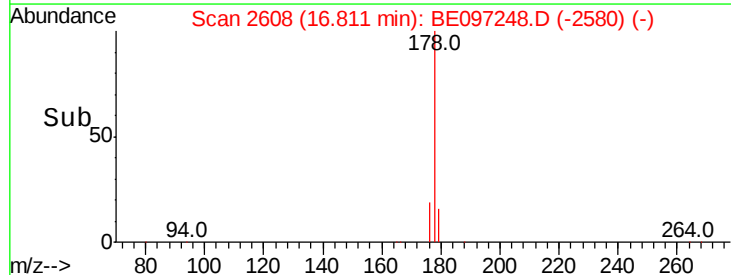
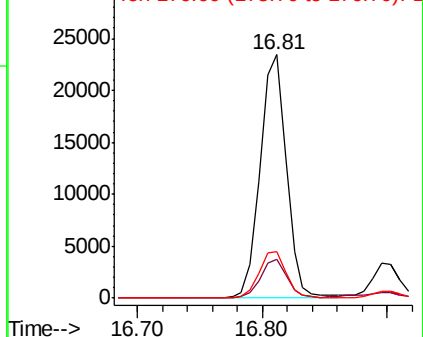
178 100

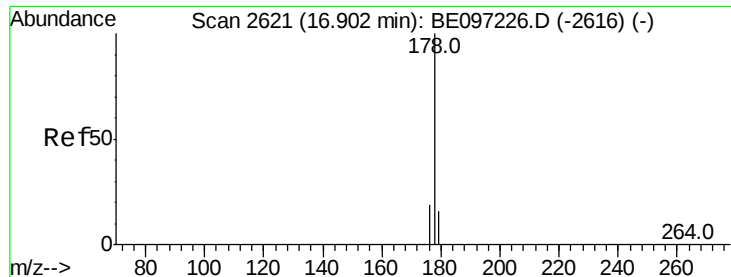
179 15.7 18.4 27.6#

176 19.0 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

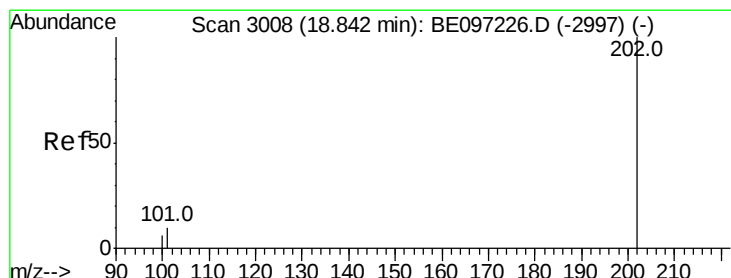
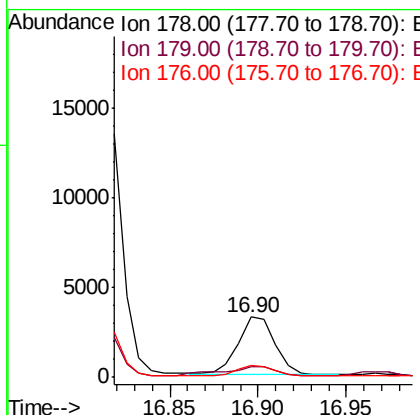
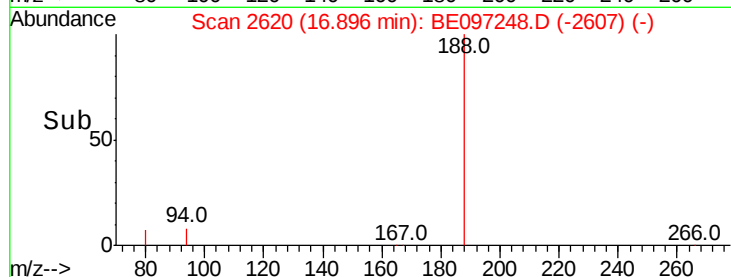
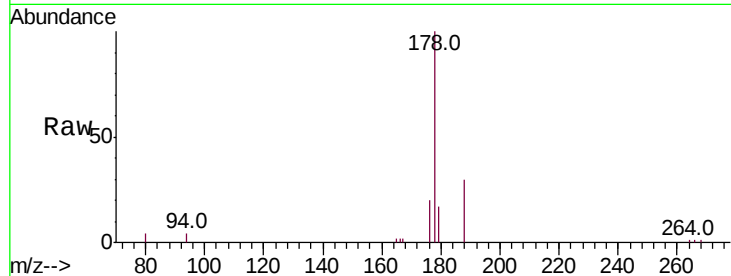




#13
 Anthracene
 Concen: 0.227 ng/ul
 RT: 16.90 min Scan# 2620
 Delta R.T. -0.01 min
 Lab File: BE097248.D
 Acq: 9 Aug 2018 13:21

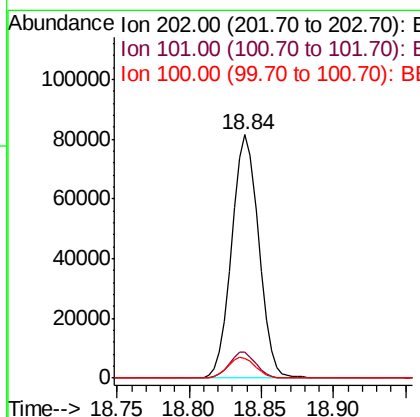
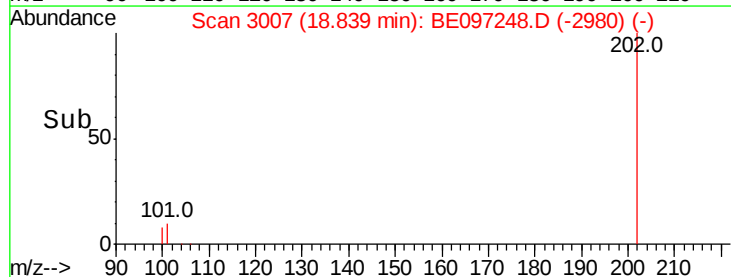
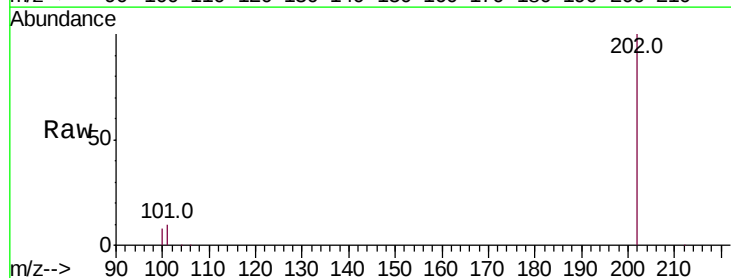
Instrument :
 BNA_E
 ClientSampleId :

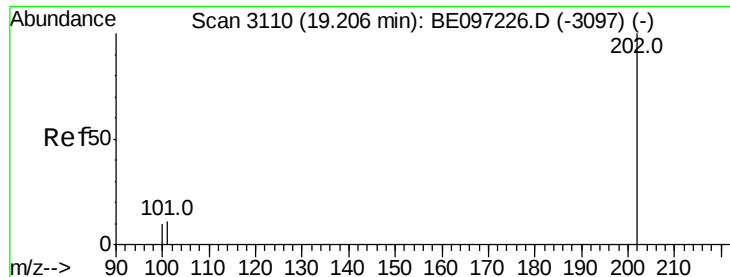
Tot Ion:178 Resp: 4700
 Ion Ratio Lower Upper
 178 100
 179 17.0 18.1 27.1#
 176 20.0 14.7 22.1



#15
 Fluoranthene
 Concen: 3.529 ng/ul
 RT: 18.84 min Scan# 3007
 Delta R.T. -0.00 min
 Lab File: BE097248.D
 Acq: 9 Aug 2018 13:21

Tgt Ion:202 Resp: 103525
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 30.3
 100 8.3 0.0 39.5

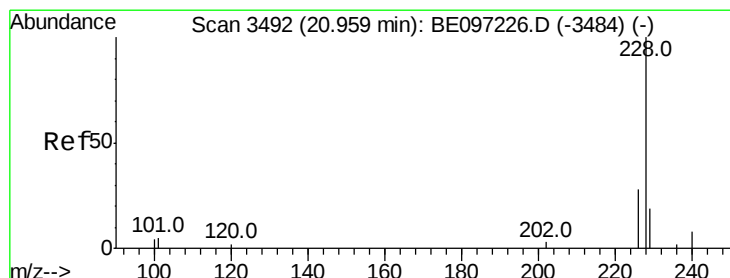
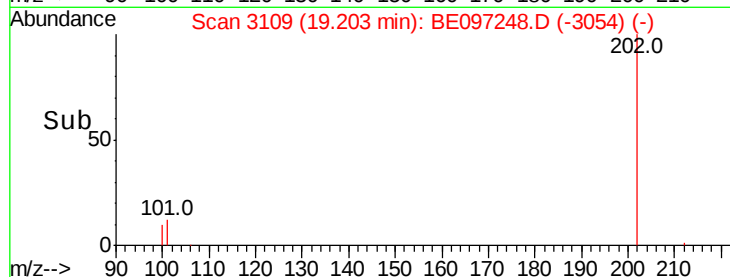
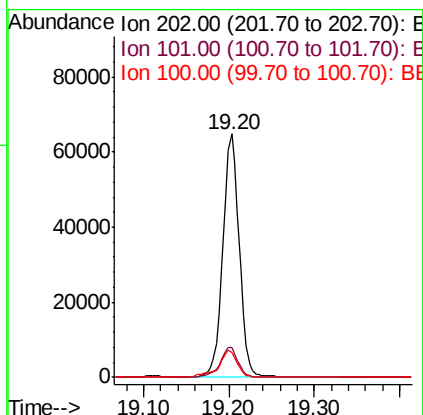
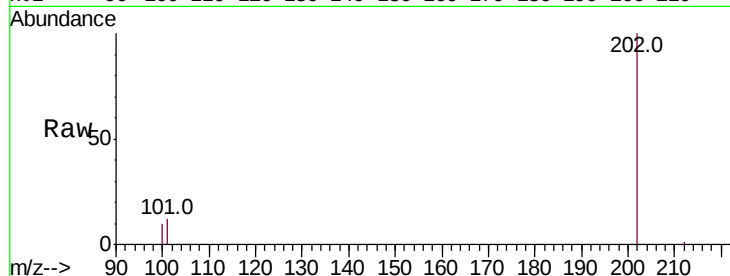




#17
Pvrene
Concen: 3.460 ng/ul
RT: 19.20 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

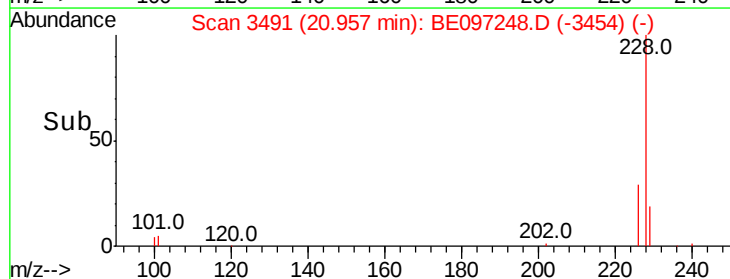
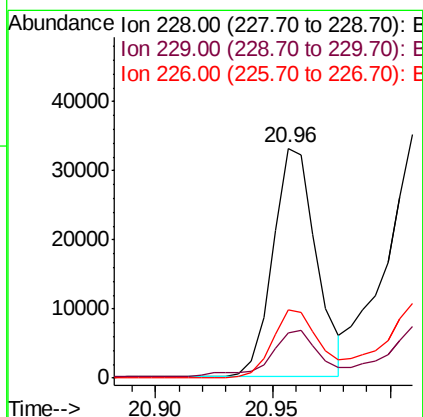
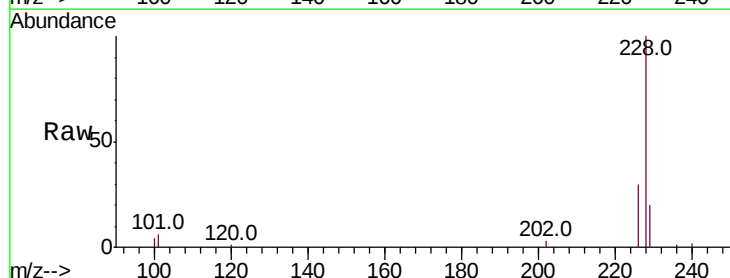
Instrument :
BNA_E
ClientSampleId :

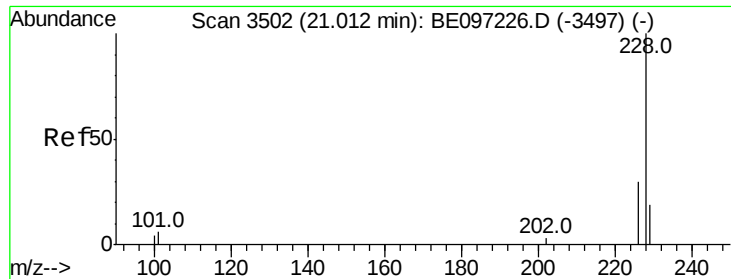
Tot Ion:202 Resp: 86176
Ion Ratio Lower Upper
202 100
101 12.3 18.2 27.4#
100 10.2 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 1.608 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:228 Resp: 42715
Ion Ratio Lower Upper
228 100
229 19.9 22.8 34.2#
226 29.5 17.0 25.6#





#19

Chrysene

Concen: 1.977 ng/ul

RT: 21.01 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BE097248.D

Acq: 9 Aug 2018 13:21

Instrument :

BNA_E

ClientSampleId :

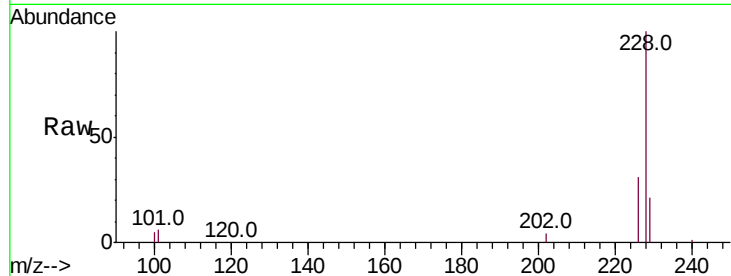
Tot Ion:228 Resp: 54115

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.0
229	21.3	17.7	26.5

228 100

226 30.9 23.4 35.0

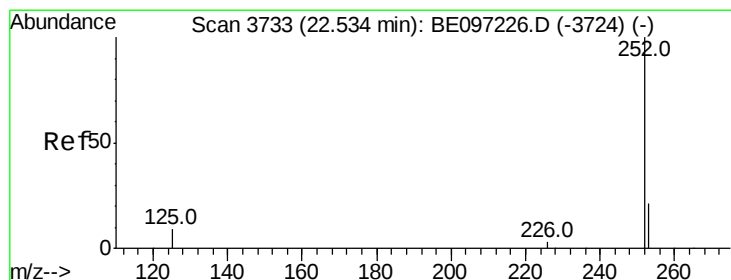
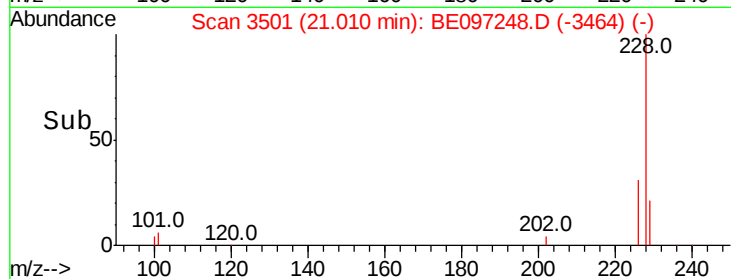
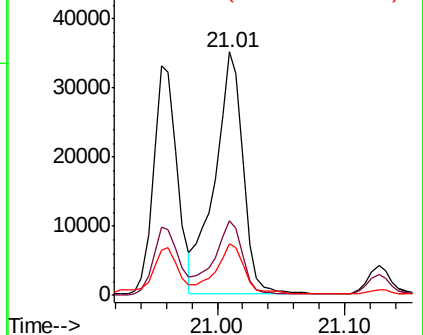
229 21.3 17.7 26.5



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: 3.878 ng/ul

RT: 22.54 min Scan# 3733

Delta R.T. 0.01 min

Lab File: BE097248.D

Acq: 9 Aug 2018 13:21

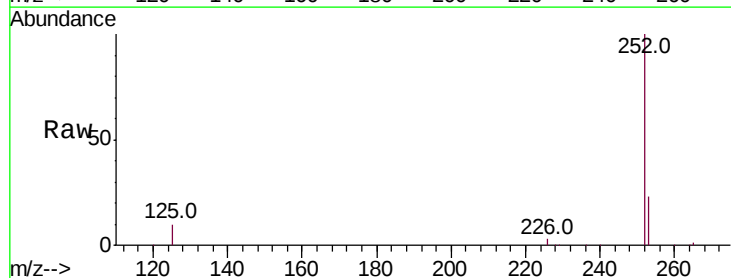
Tgt Ion:252 Resp: 107402

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	64.2
125	9.7	0.0	35.0

252 100

253 22.8 0.0 64.2

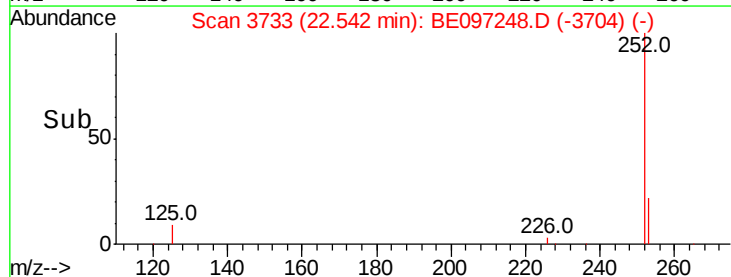
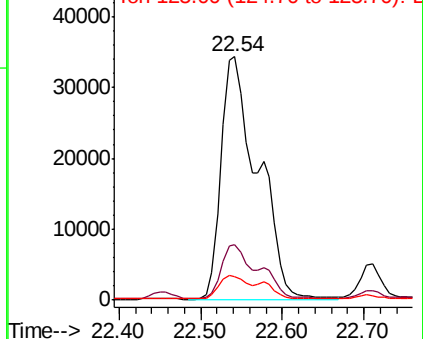
125 9.7 0.0 35.0

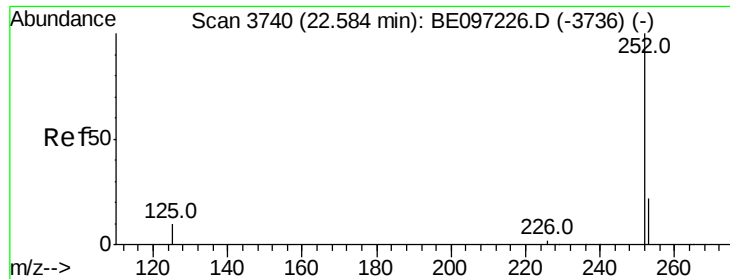


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 3.596 ng/ul

RT: 22.54 min Scan# 3733

Delta R.T. -0.04 min

Lab File: BE097248.D

Acq: 9 Aug 2018 13:21

Instrument :

BNA_E

ClientSampleId :

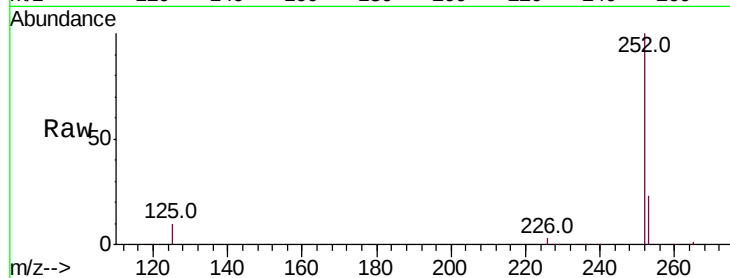
Tot Ion:252 Resp: 107402

Ion Ratio Lower Upper

252 100

253 22.8 24.5 36.7#

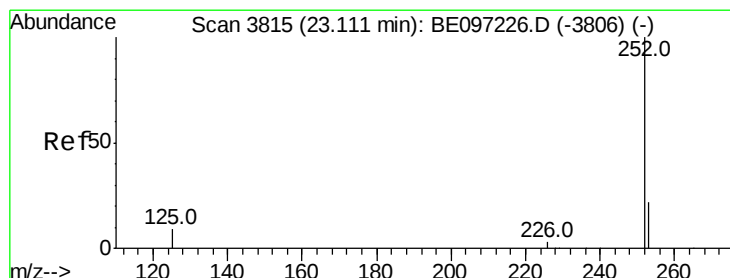
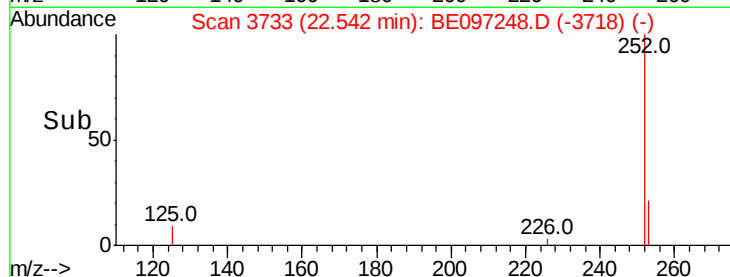
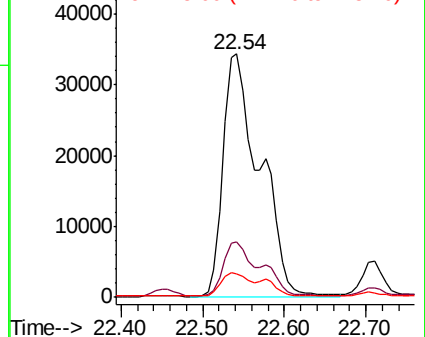
125 9.7 13.7 20.5#



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: 1.856 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. 0.00 min

Lab File: BE097248.D

Acq: 9 Aug 2018 13:21

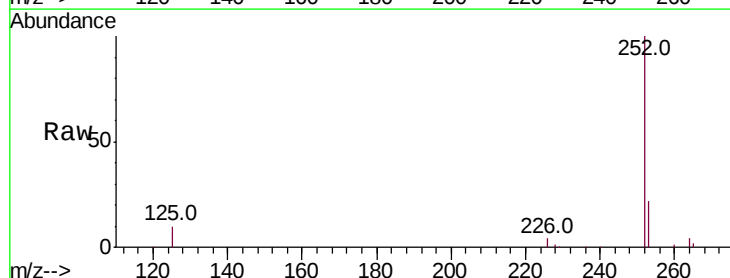
Tgt Ion:252 Resp: 51431

Ion Ratio Lower Upper

252 100

253 22.4 28.5 42.7#

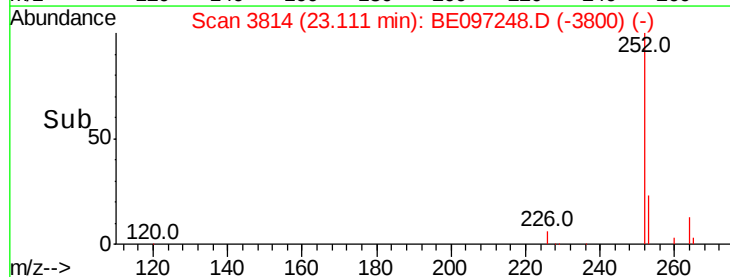
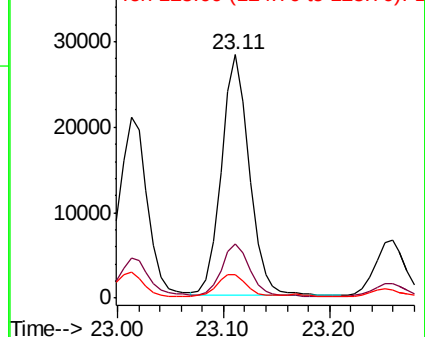
125 9.8 18.1 27.1#

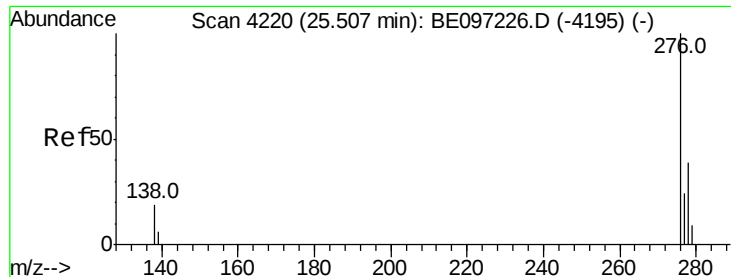


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



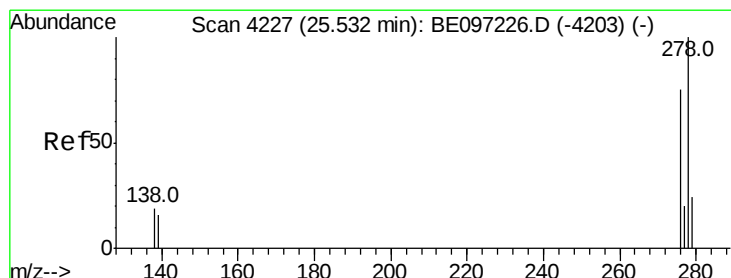
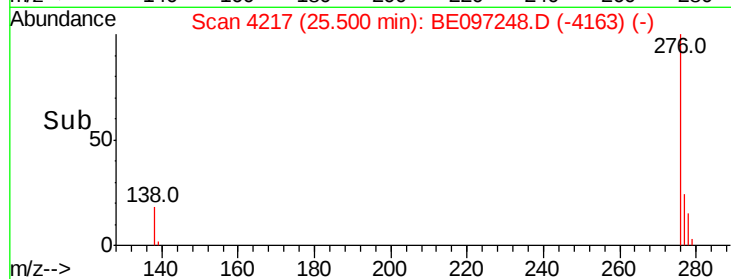
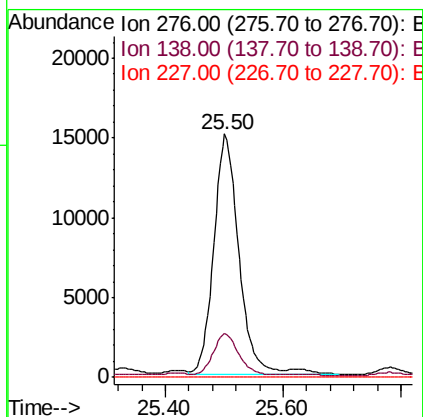
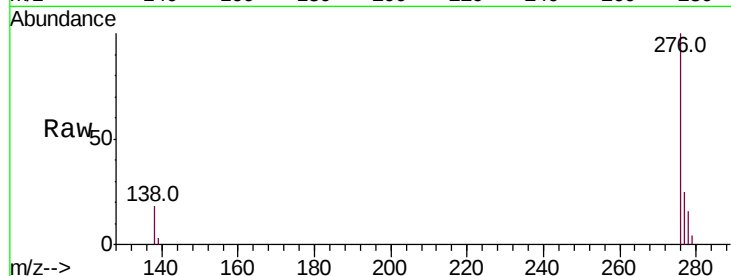


#24

Indeno(1,2,3-cd)pyrene
Concen: 1.290 ng/ul
RT: 25.50 min Scan# 4217
Delta R.T. -0.01 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Instrument :
BNA_E
ClientSampleId :

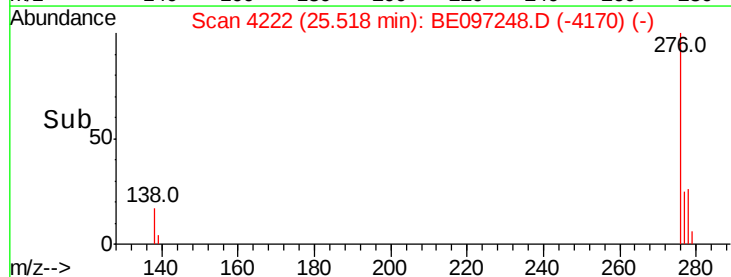
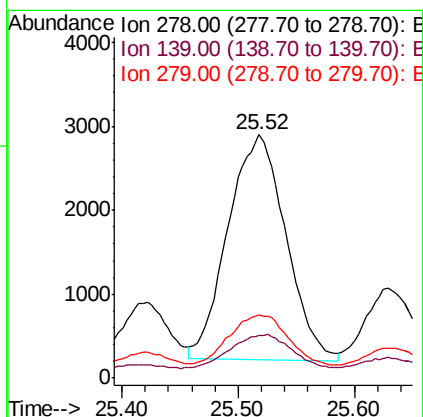
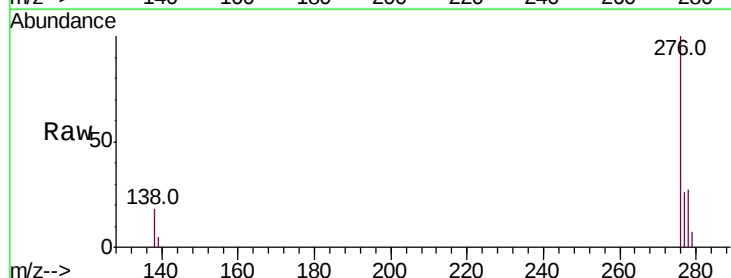
Tot Ion:276 Resp: 44746
Ion Ratio Lower Upper
276 100
138 17.6 28.0 42.0#
227 0.0 8.0 12.0#

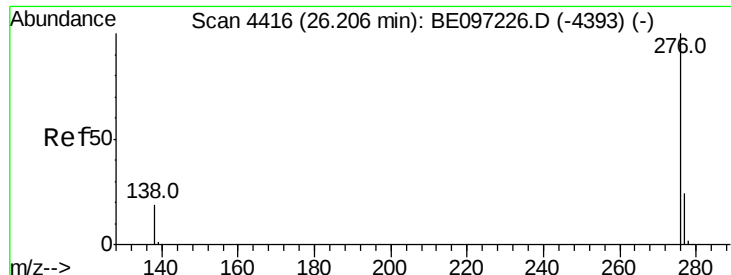


#25

Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 25.52 min Scan# 4222
Delta R.T. -0.01 min
Lab File: BE097248.D
Acq: 9 Aug 2018 13:21

Tgt Ion:278 Resp: 9264
Ion Ratio Lower Upper
278 100
139 17.5 17.4 26.0
279 25.9 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 1.429 ng/ul

RT: 26.20 min Scan# 4414

Delta R.T. -0.00 min

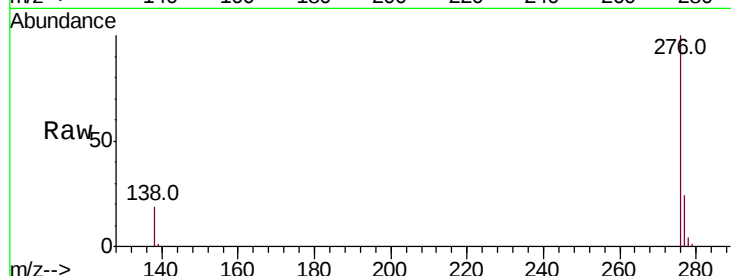
Lab File: BE097248.D

Acq: 9 Aug 2018 13:21

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	42835
Ion	Ratio	Lower	Upper
276	100		
138	18.9	21.8	32.8#
277	24.3	20.5	30.7

