

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097474.D
 Acq On : 13 Sep 2018 5:33
 Operator : SJ/JU
 Sample : J4792-14DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 13 07:49:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration

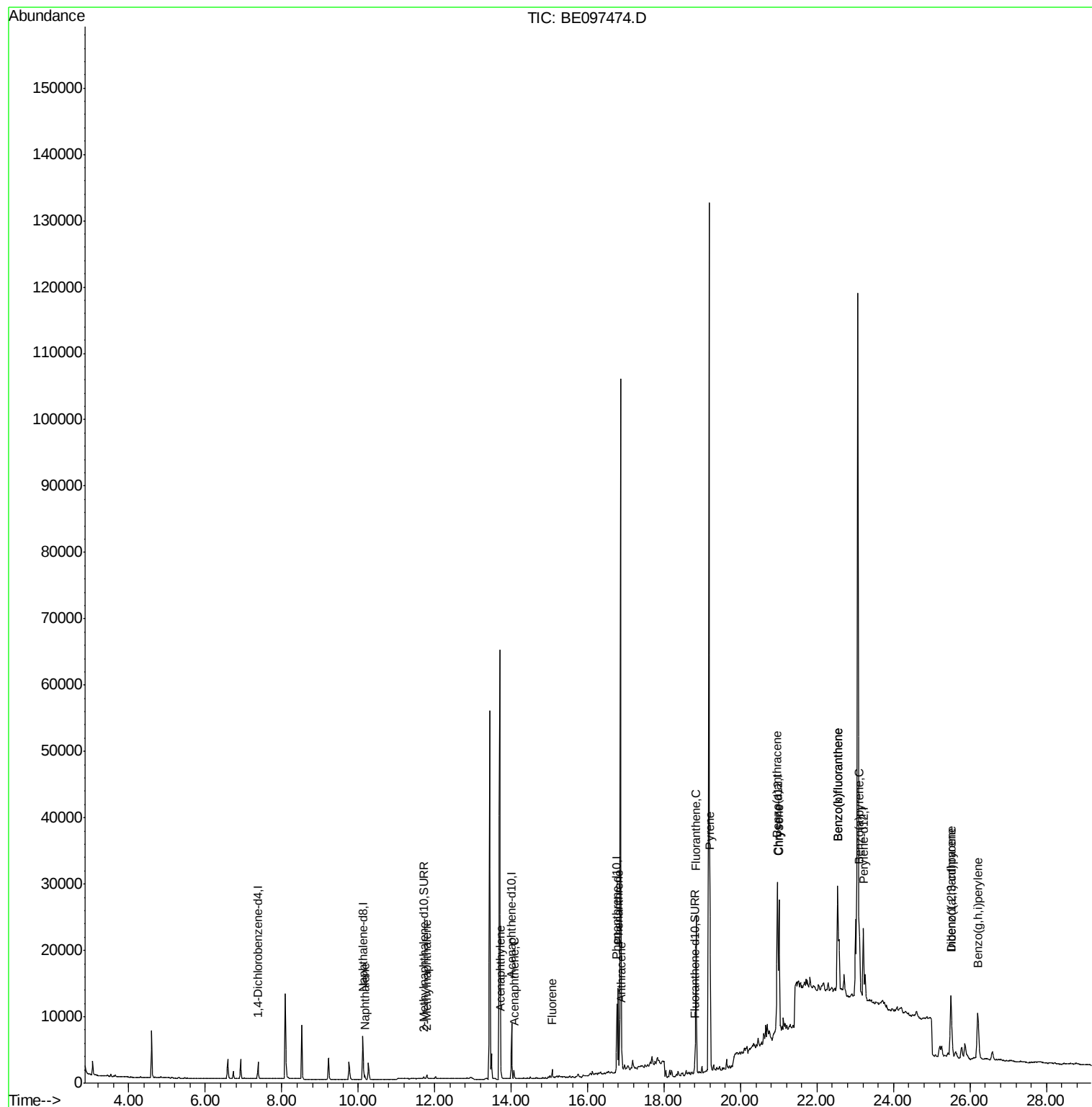
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1205	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6822	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4622	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	11800	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	12714	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	14006	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	541	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1959	0.05	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.17	128	1085	0.065	ng/ul#	89
5) 2-Methylnaphthalene	11.79	142	525	0.050	ng/ul	96
7) Acenaphthylene	13.73	152	1273	0.076	ng/ul#	89
8) Acenaphthene	14.07	153	735	0.051	ng/ul#	93
9) Fluorene	15.07	166	742	0.045	ng/ul#	85
12) Phenanthrene	16.80	178	13029	0.429	ng/ul#	90
13) Anthracene	16.89	178	2562	0.100	ng/ul#	94
15) Fluoranthene	18.84	202	27211	0.697	ng/ul	84
17) Pyrene	19.20	202	28585	0.835	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	15233	0.466	ng/ul#	86
19) Chrysene	21.01	228	19649	0.522	ng/ul#	86
21) Benzo(b)fluoranthene	22.54	252	35078	0.935	ng/ul#	79
22) Benzo(k)fluoranthene	22.54	252	35078	0.839	ng/ul#	80
23) Benzo(a)pyrene	23.11	252	16042	0.462	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.50	276	15091	0.336	ng/ul#	74
25) Dibenzo(a,h)anthracene	25.51	278	4408	0.116	ng/ul#	14
26) Benzo(a,h,i)perylene	26.21	276	15569	0.406	ng/ul#	91

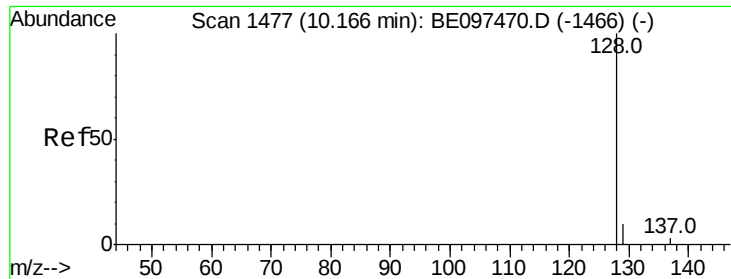
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097474.D
Acq On : 13 Sep 2018 5:33
Operator : SJ/JU
Sample : J4792-14DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 13 07:49:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.065 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE097474.D

Acq: 13 Sep 2018 5:33

Instrument :

BNA_E

ClientSampleId :

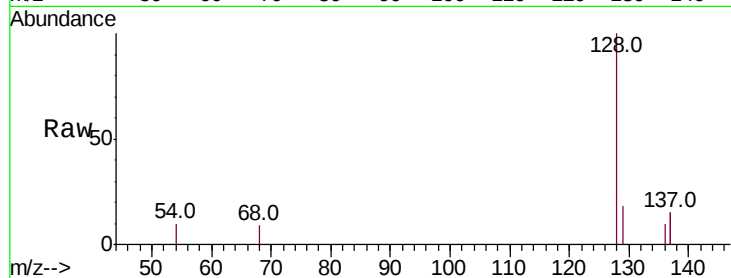
Tot Ion:128 Resp: 1085

Ion Ratio Lower Upper

128 100

129 17.9 11.3 16.9#

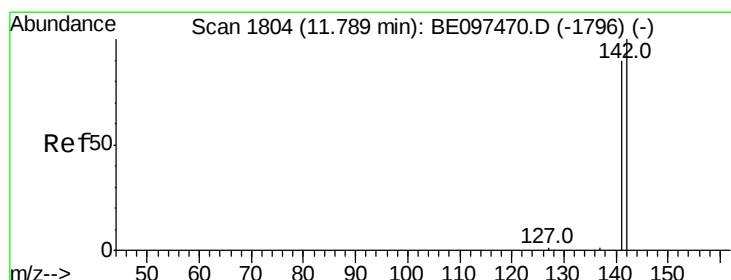
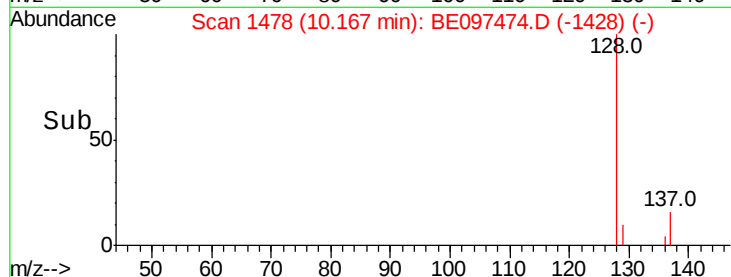
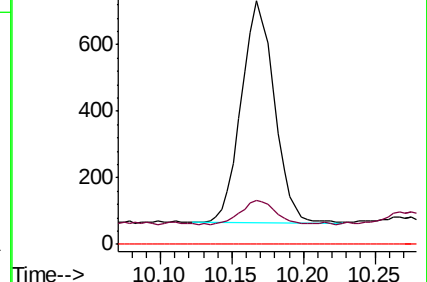
127 0.0 4.0 6.0#



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: 0.050 ng/ul

RT: 11.79 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BE097474.D

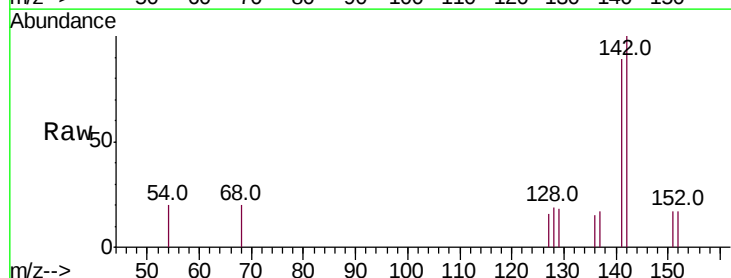
Acq: 13 Sep 2018 5:33

Tgt Ion:142 Resp: 525

Ion Ratio Lower Upper

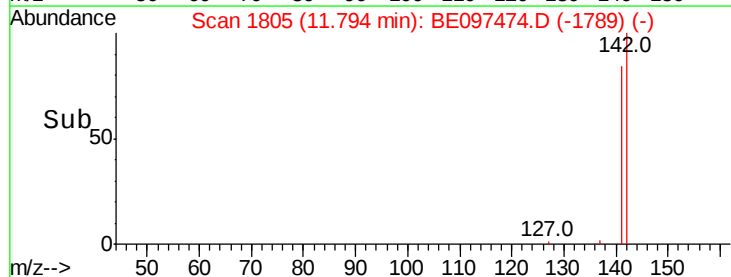
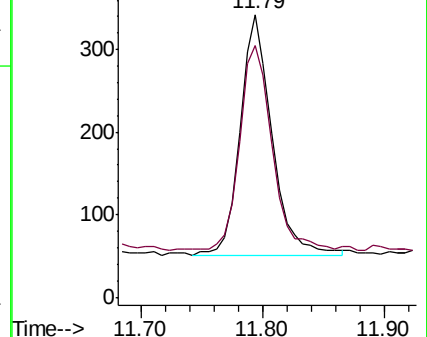
142 100

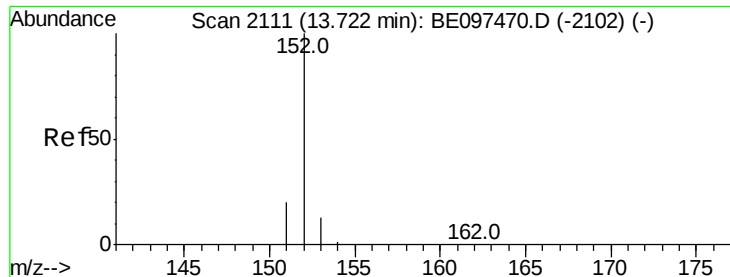
141 86.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.076 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. 0.01 min

Lab File: BE097474.D

Acq: 13 Sep 2018 5:33

Instrument :

BNA_E

ClientSampleId :

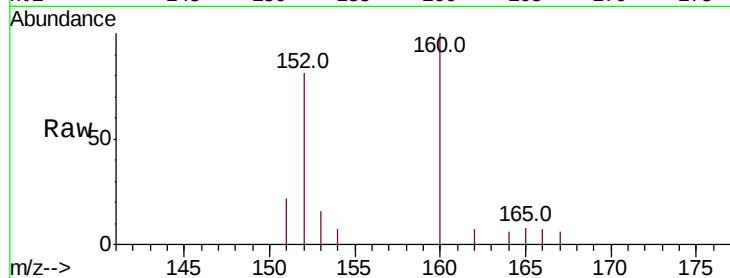
Tot Ion:152 Resp: 1273

Ion Ratio Lower Upper

152 100

151 26.8 17.1 25.7#

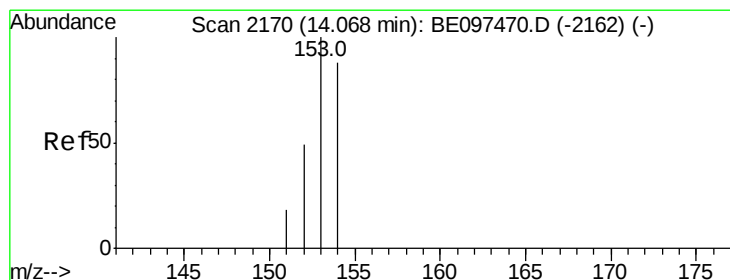
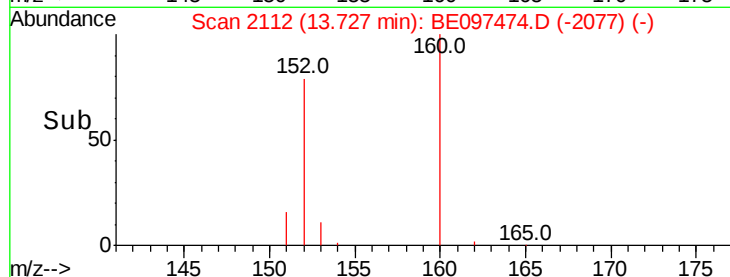
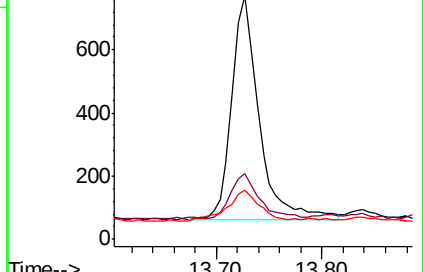
153 20.1 12.8 19.2#



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: 0.051 ng/ul

RT: 14.07 min Scan# 2171

Delta R.T. 0.01 min

Lab File: BE097474.D

Acq: 13 Sep 2018 5:33

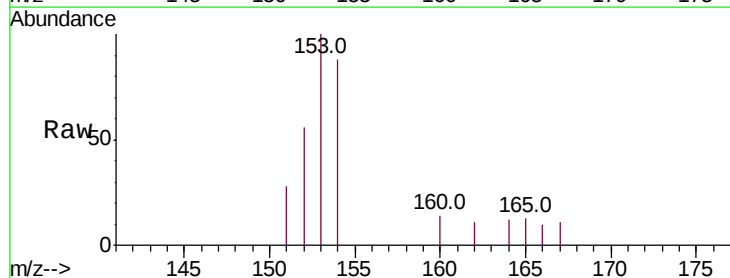
Tgt Ion:153 Resp: 735

Ion Ratio Lower Upper

153 100

152 55.8 36.0 54.0#

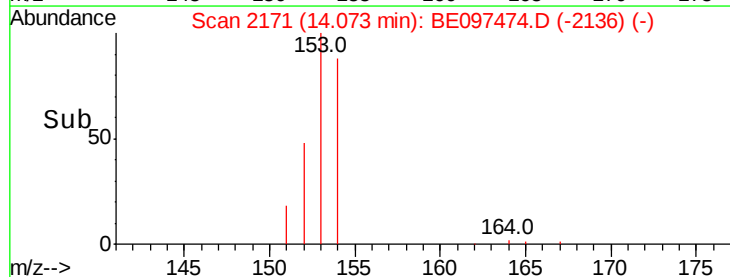
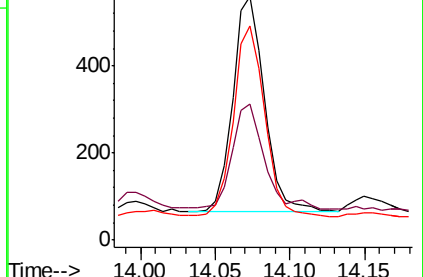
154 88.0 72.0 108.0

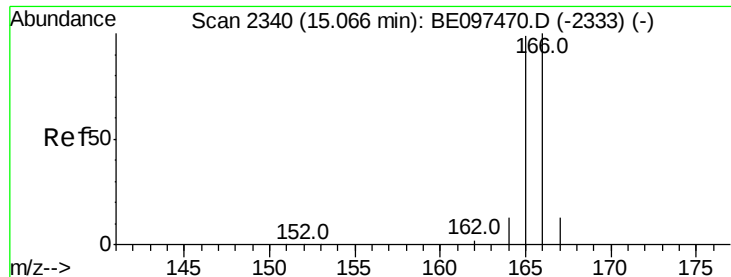


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.045 ng/ul

RT: 15.07 min Scan# 2341

Delta R.T. 0.01 min

Lab File: BE097474.D

Acq: 13 Sep 2018 5:33

Instrument :

BNA_E

ClientSampleId :

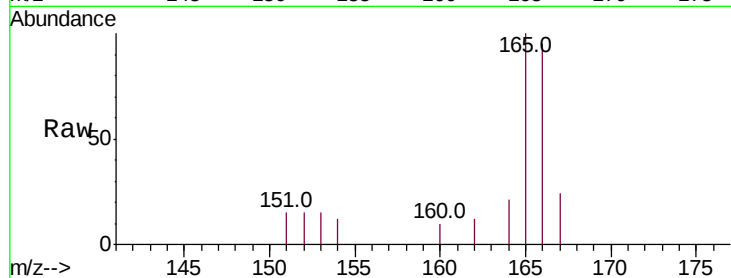
Tot Ion:166 Resp: 742

Ion Ratio Lower Upper

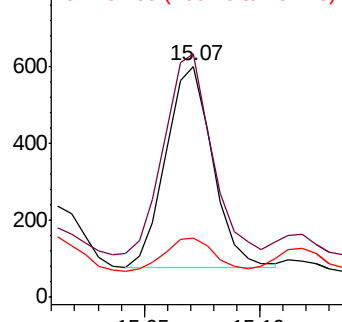
166 100

165 105.3 73.4 110.2

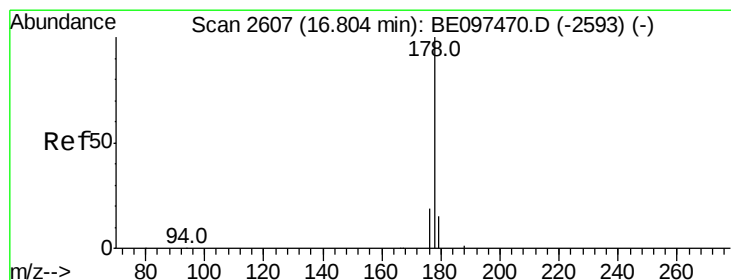
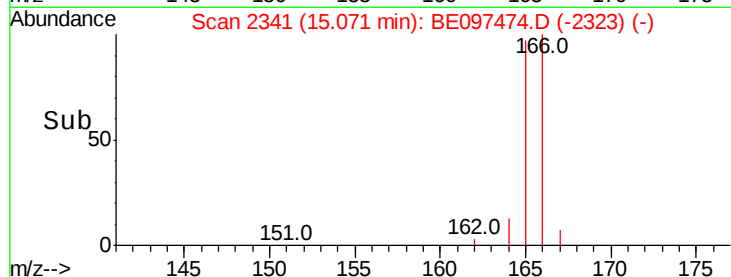
167 25.7 14.6 22.0#



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



Time-->



#12

Phenanthrene

Concen: 0.429 ng/ul

RT: 16.80 min Scan# 2607

Delta R.T. -0.00 min

Lab File: BE097474.D

Acq: 13 Sep 2018 5:33

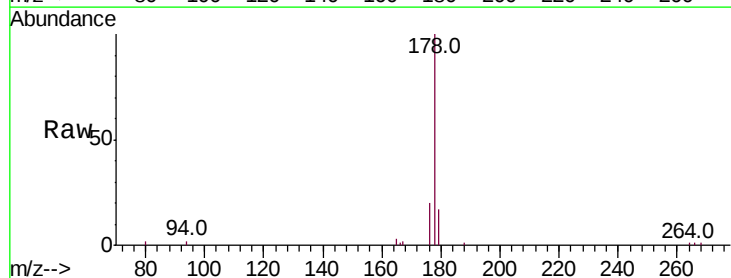
Tgt Ion:178 Resp: 13029

Ion Ratio Lower Upper

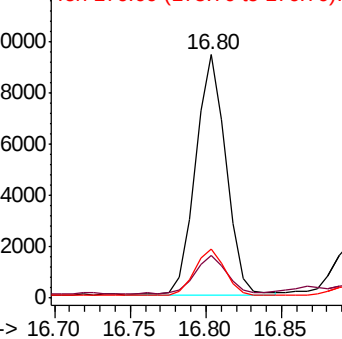
178 100

179 17.3 18.4 27.6#

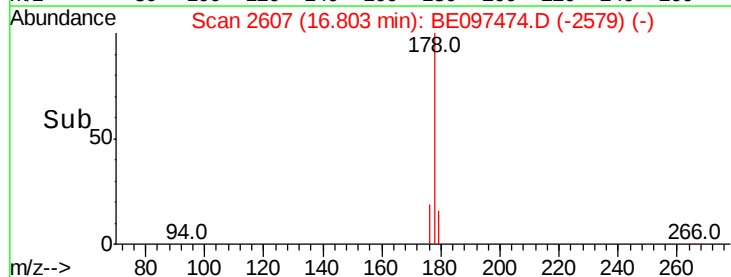
176 20.0 13.6 20.4

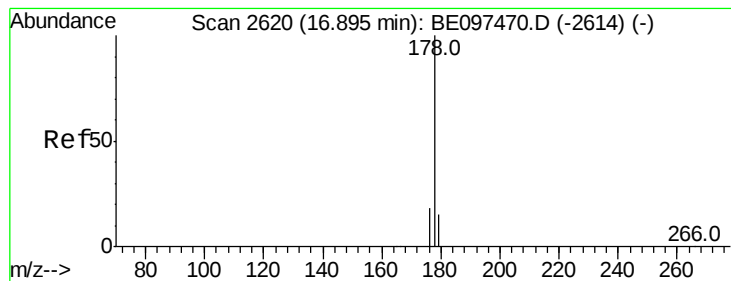


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#13

Anthracene

Concen: 0.100 ng/ul

RT: 16.89 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BE097474.D

Acq: 13 Sep 2018 5:33

Instrument :

BNA_E

ClientSampleId :

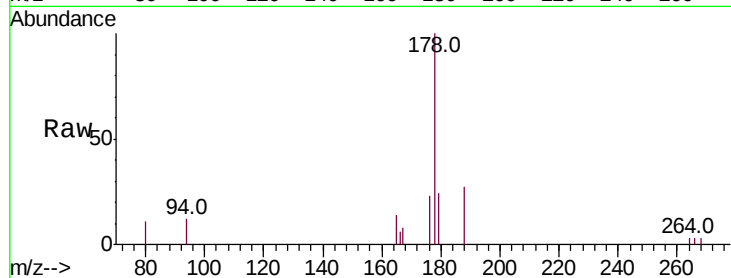
Tot Ion:178 Resp: 2562

Ion Ratio Lower Upper

178 100

179 24.0 18.1 27.1

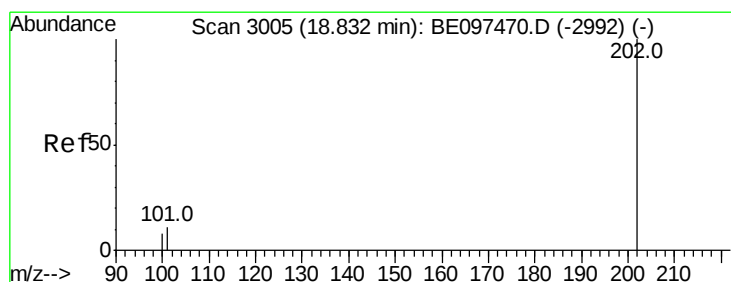
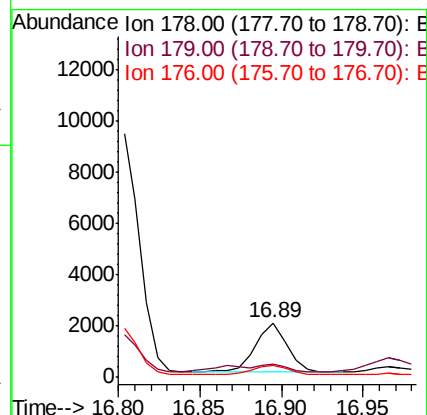
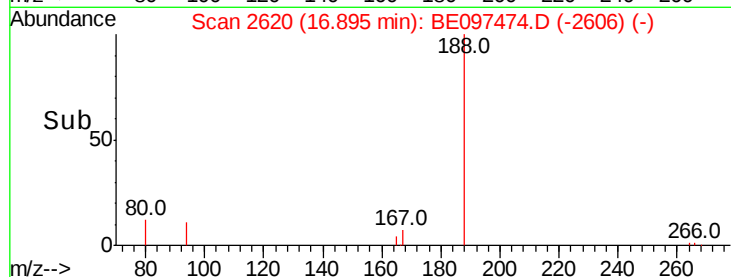
176 22.8 14.7 22.1#



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: 0.697 ng/ul

RT: 18.84 min Scan# 3006

Delta R.T. 0.00 min

Lab File: BE097474.D

Acq: 13 Sep 2018 5:33

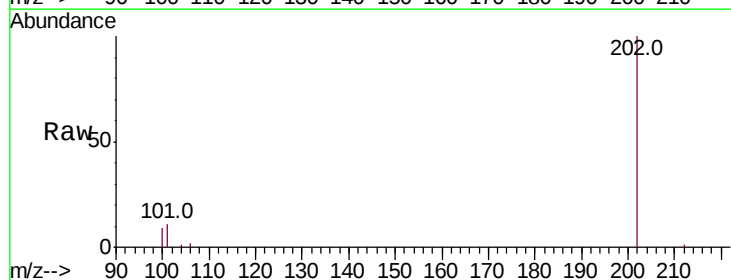
Tgt Ion:202 Resp: 27211

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.3

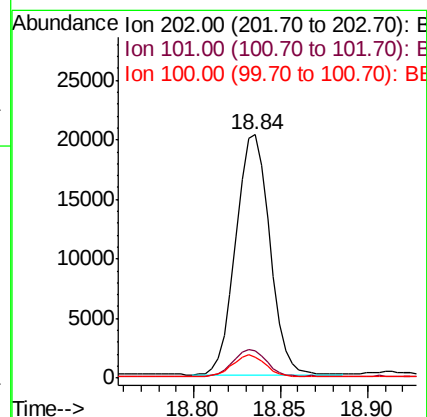
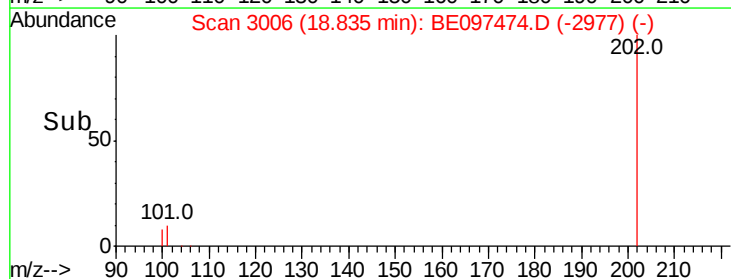
100 8.6 0.0 39.5

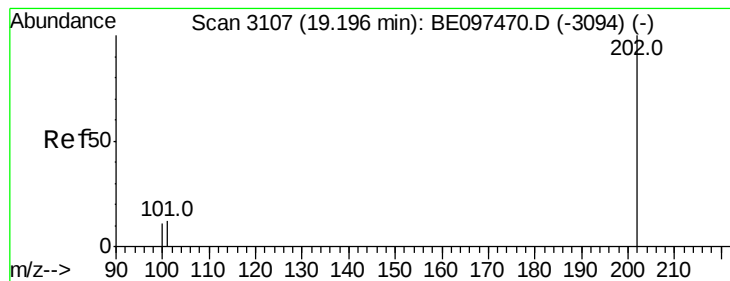


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.835 ng/ul

RT: 19.20 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BE097474.D

Acq: 13 Sep 2018 5:33

Instrument :

BNA_E

ClientSampleId :

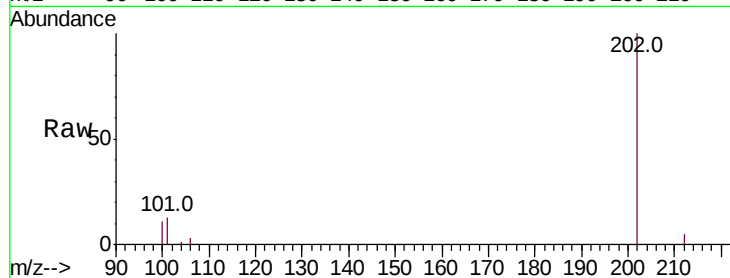
Tot Ion:202 Resp: 28585

Ion Ratio Lower Upper

202 100

101 12.9 18.2 27.4#

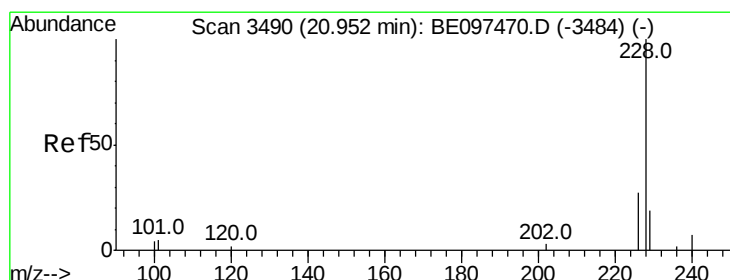
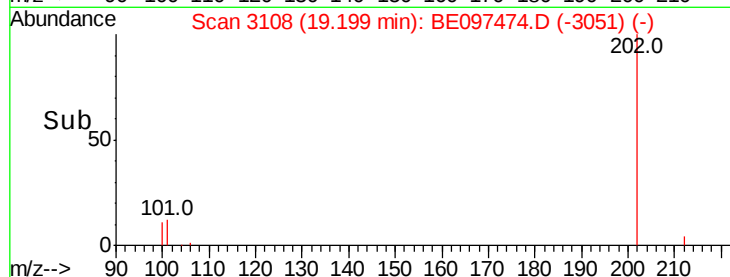
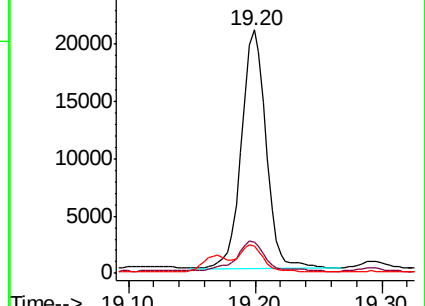
100 11.1 15.6 23.4#



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: 0.466 ng/ul

RT: 20.96 min Scan# 3491

Delta R.T. 0.01 min

Lab File: BE097474.D

Acq: 13 Sep 2018 5:33

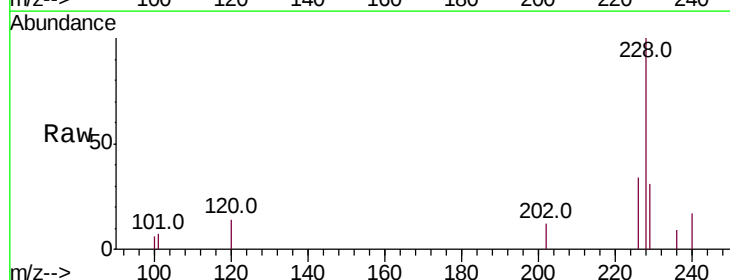
Tgt Ion:228 Resp: 15233

Ion Ratio Lower Upper

228 100

229 30.6 22.8 34.2

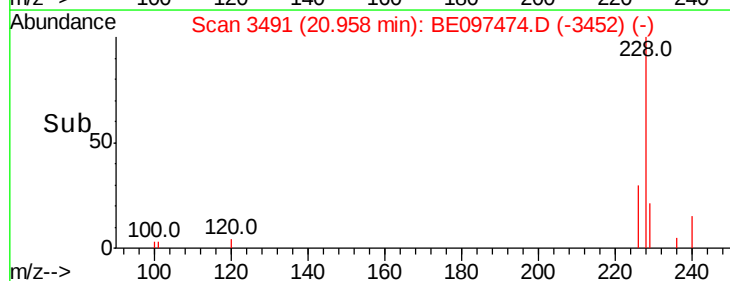
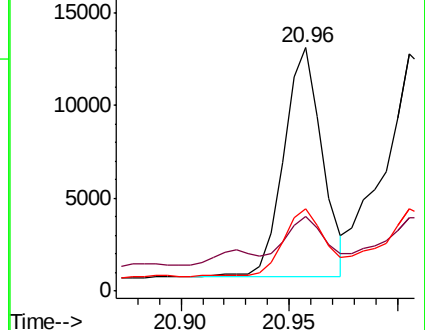
226 33.7 17.0 25.6#

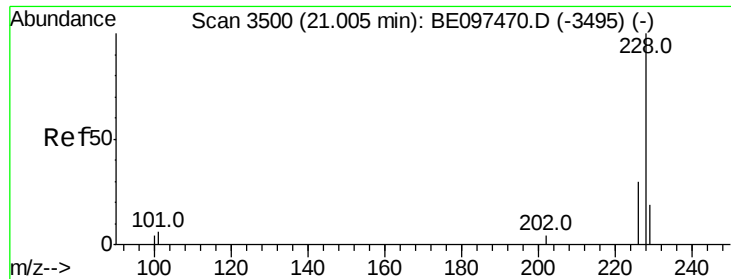


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.522 ng/ul

RT: 21.01 min Scan# 3500

Delta R.T. 0.00 min

Lab File: BE097474.D

Acq: 13 Sep 2018 5:33

Instrument :

BNA_E

ClientSampleId :

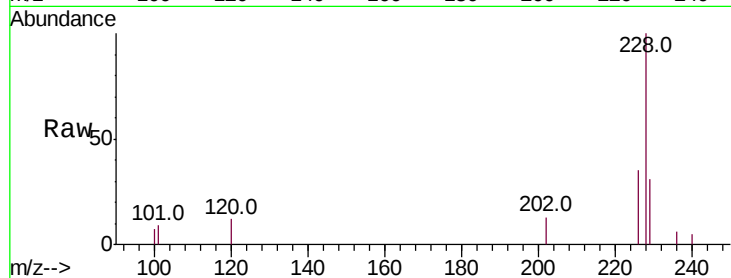
Tot Ion:228 Resp: 19649

Ion Ratio Lower Upper

228 100

226 34.7 23.4 35.0

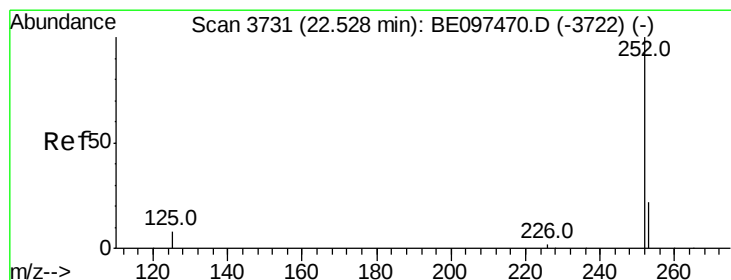
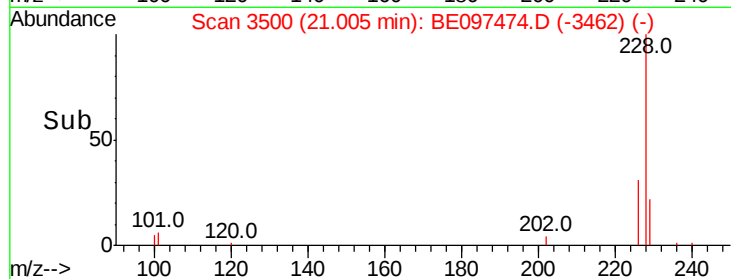
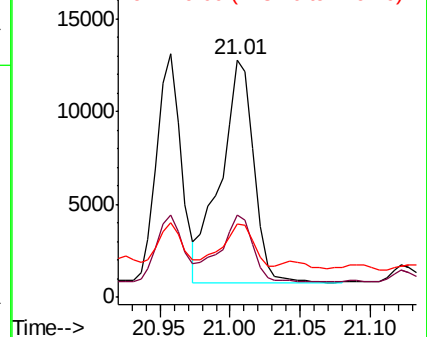
229 30.8 17.7 26.5#



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: 0.935 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. 0.01 min

Lab File: BE097474.D

Acq: 13 Sep 2018 5:33

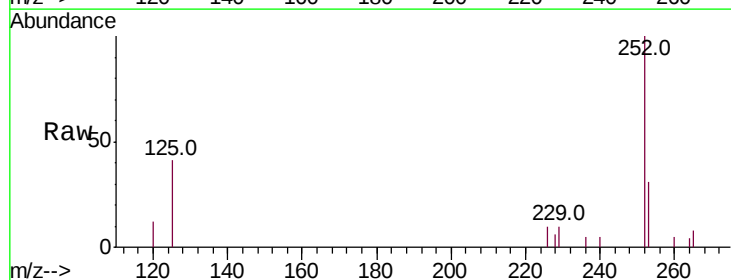
Tgt Ion:252 Resp: 35078

Ion Ratio Lower Upper

252 100

253 30.7 0.0 64.2

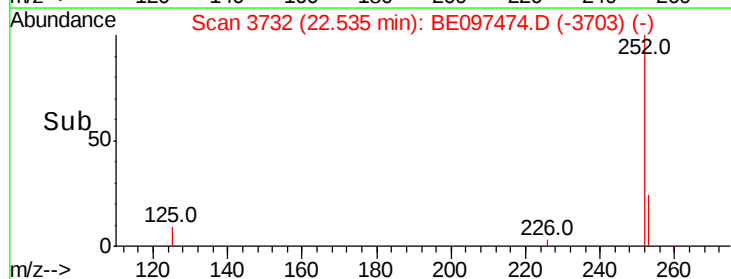
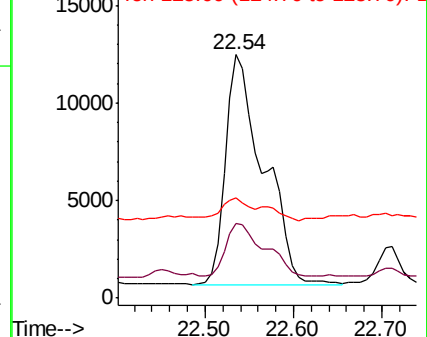
125 41.2 0.0 35.0#

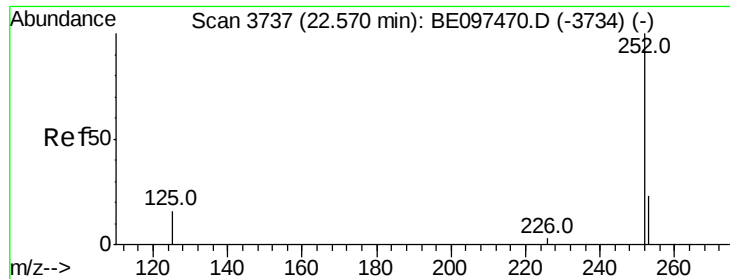


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.839 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. -0.04 min

Lab File: BE097474.D

Acq: 13 Sep 2018 5:33

Instrument :

BNA_E

ClientSampleId :

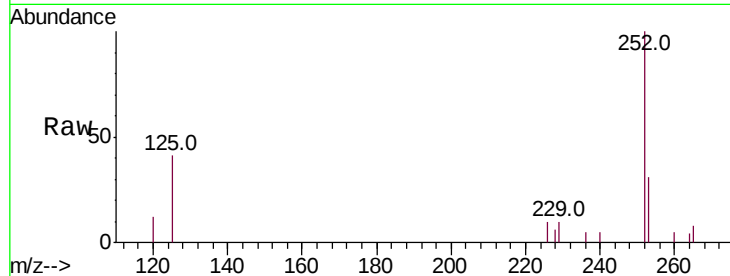
Tot Ion:252 Resp: 35078

Ion Ratio Lower Upper

252 100

253 30.7 24.5 36.7

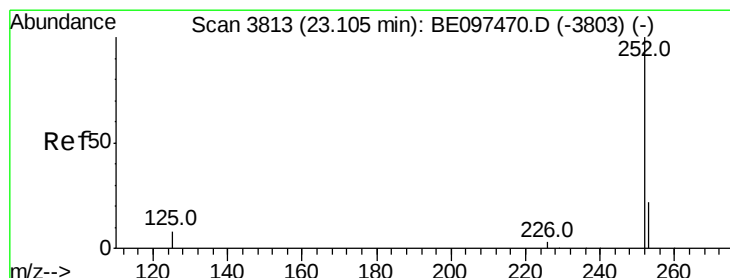
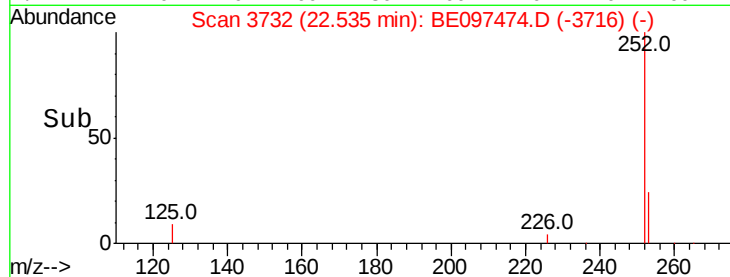
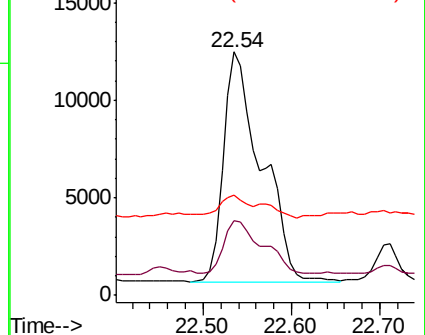
125 41.2 13.7 20.5#



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: 0.462 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. 0.01 min

Lab File: BE097474.D

Acq: 13 Sep 2018 5:33

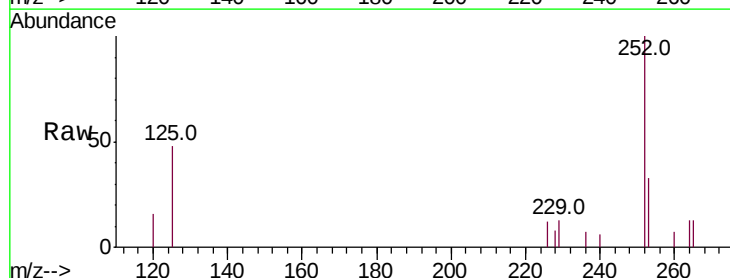
Tgt Ion:252 Resp: 16042

Ion Ratio Lower Upper

252 100

253 32.6 28.5 42.7

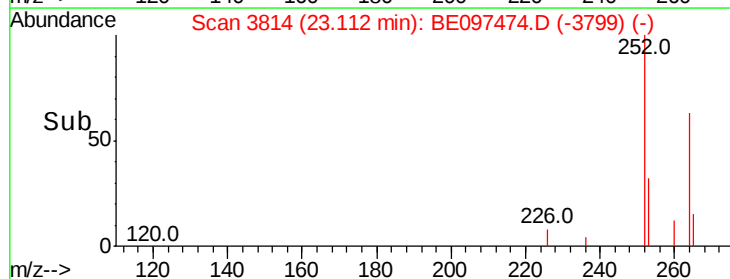
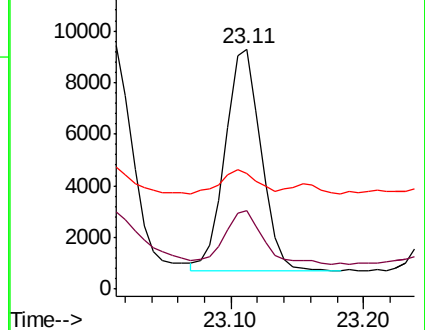
125 48.3 18.1 27.1#

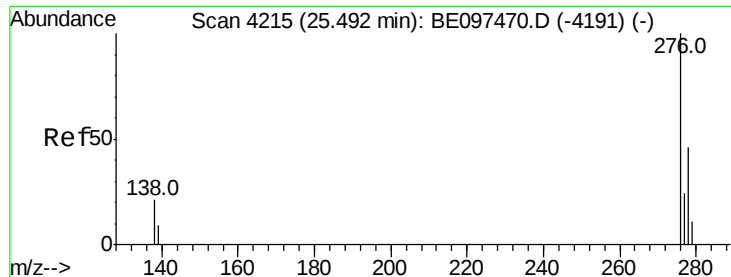


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



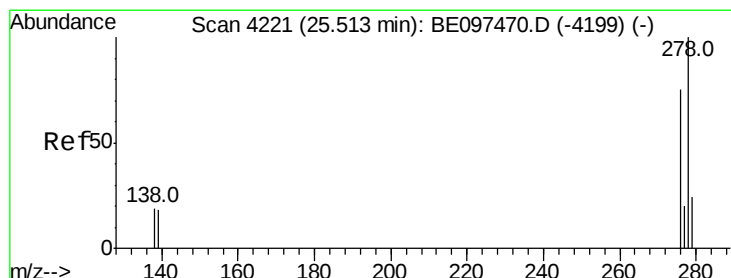
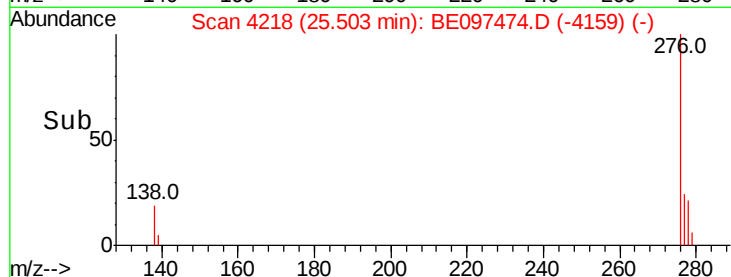
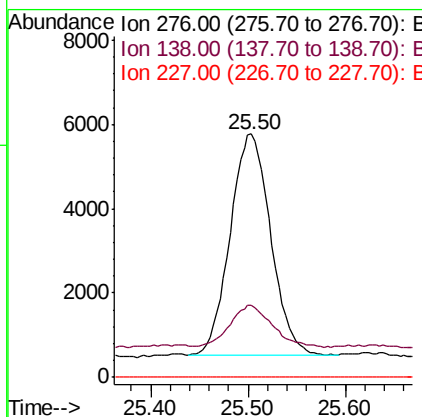
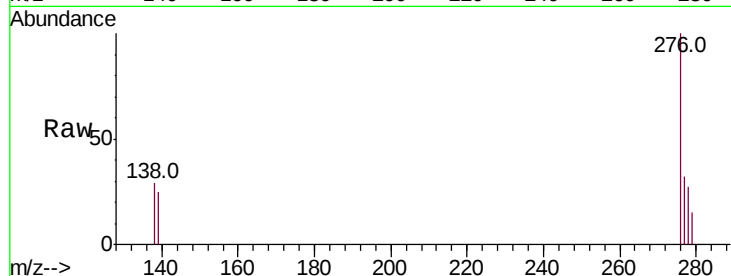


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.336 ng/ul
RT: 25.50 min Scan# 4218
Delta R.T. 0.01 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Instrument :
BNA_E
ClientSampleId :

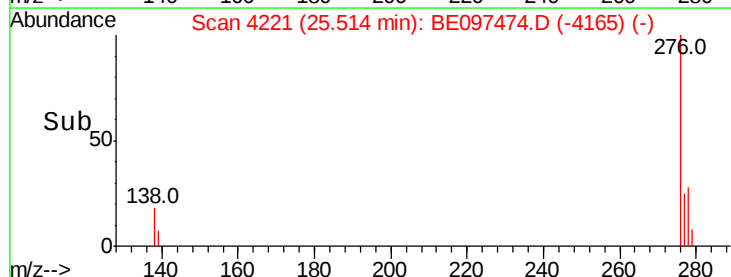
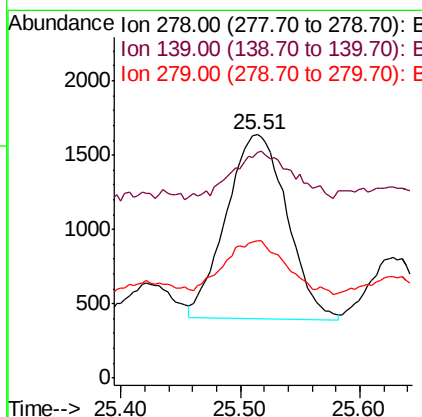
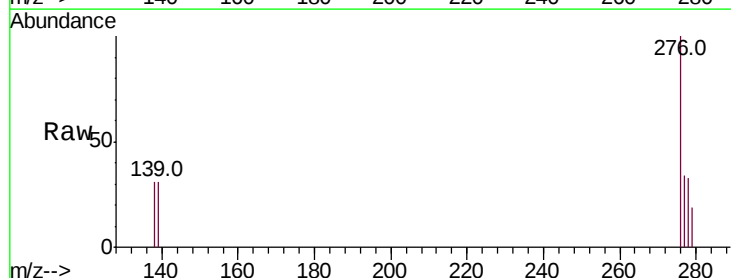
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	28.0	42.0#
227	0.0	8.0	12.0#

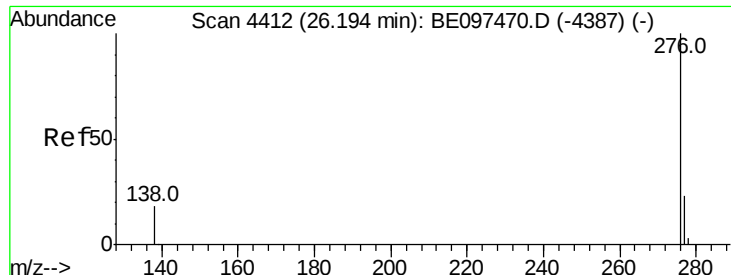


#25

Dibenzo(a,h)anthracene
Concen: 0.116 ng/ul
RT: 25.51 min Scan# 4221
Delta R.T. 0.00 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	92.7	17.4	26.0#
279	56.2	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.406 ng/ul

RT: 26.21 min Scan# 4415

Delta R.T. 0.01 min

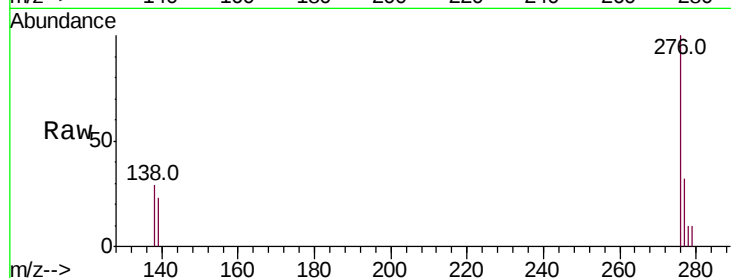
Lab File: BE097474.D

Acq: 13 Sep 2018 5:33

Instrument :

BNA_E

ClientSampleId :



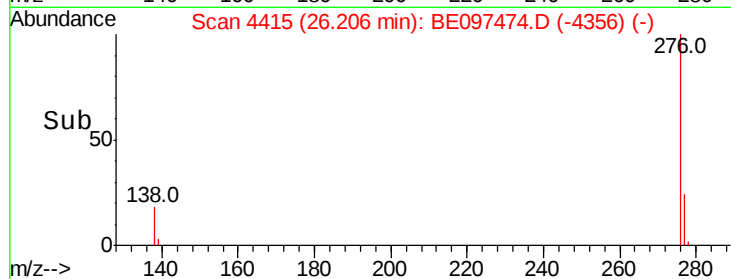
Tot Ion: 276 Resp: 15569

Ion Ratio Lower Upper

276 100

138 29.5 21.8 32.8

277 32.3 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

