

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097298.D
 Acq On : 17 Aug 2018 15:55
 Operator : SJ/JU
 Sample : PB111997BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 17 23:15:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 14:15:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1073	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	5493	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3091	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	515983	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-20.97
20) Perylene-d12	23.21	264	11645	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.72	152	2317	0.26	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

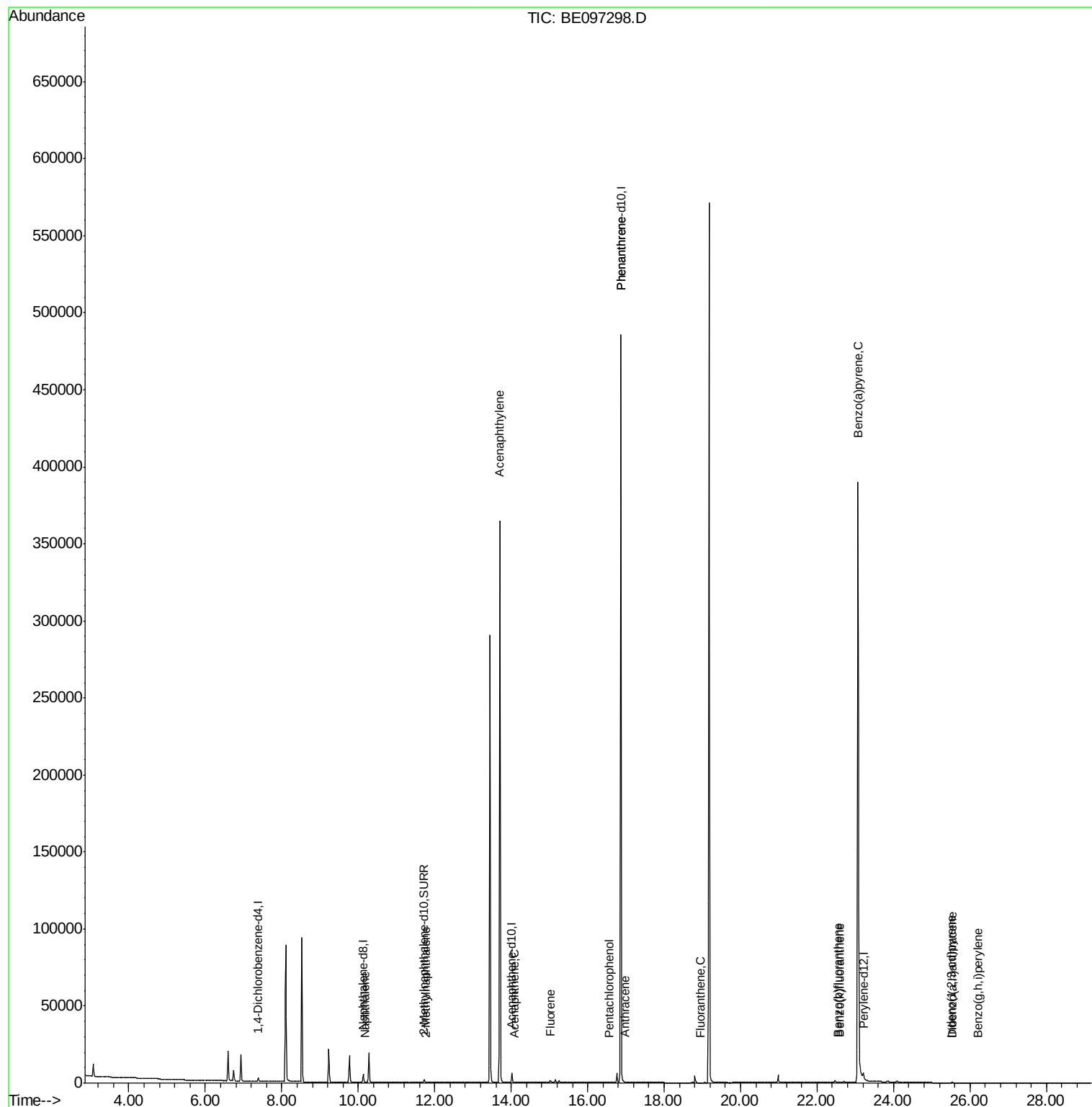
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.17	128	13	0.001	ng/ul#	1
5) 2-Methylnaphthalene	11.78	142	5	0.001	ng/ul#	1
7) Acenaphthylene	13.70	152	41	0.003	ng/ul#	1
8) Acenaphthene	14.08	153	5	0.000	ng/ul#	67
9) Fluorene	15.02	166	836	0.076	ng/ul#	22
11) Pentachlorophenol	16.57	266	3	0.000	ng/ul	93
12) Phenanthrene	16.87	178	230	0.000	ng/ul#	1
13) Anthracene	16.99	178	11	0.000	ng/ul#	1
15) Fluoranthene	18.96	202	2	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.54	252	31	0.001	ng/ul#	1
22) Benzo(k)fluoranthene	22.58	252	28	0.001	ng/ul#	1
23) Benzo(a)pyrene	23.07	252	1838	0.063	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.51	276	3	0.000	ng/ul#	47
25) Dibenzo(a,h)anthracene	25.53	278	18	0.001	ng/ul#	1
26) Benzo(a,h,i)perylene	26.21	276	4	0.000	ng/ul#	1

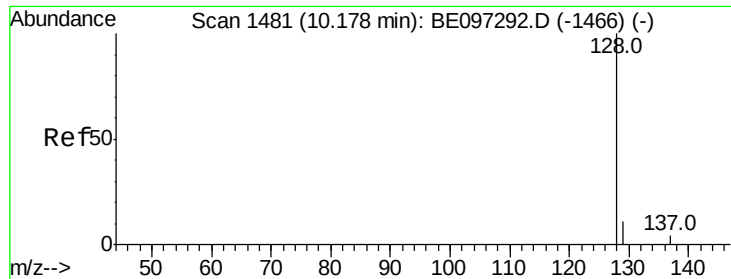
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.001 ng/ul

RT: 10.17 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BE097298.D

Acq: 17 Aug 2018 15:55

Instrument :

BNA_E

ClientSampleId :

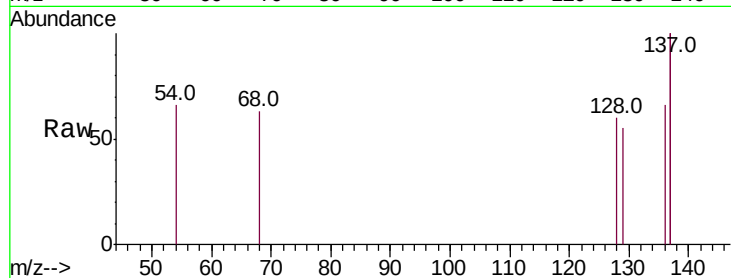
Tot Ion:128 Resp: 13

Ion Ratio Lower Upper

128 100

129 92.9 11.3 16.9#

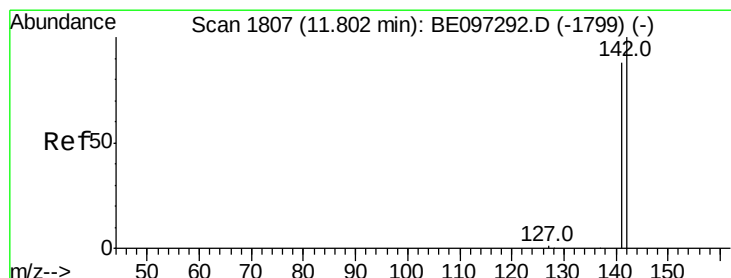
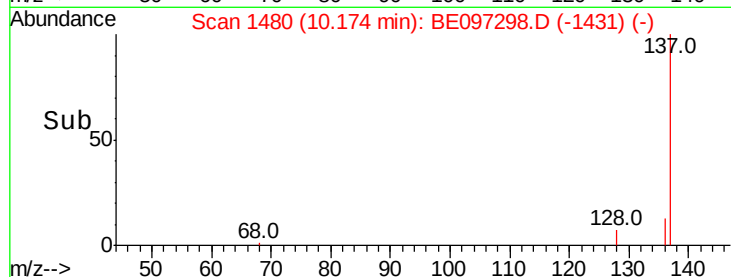
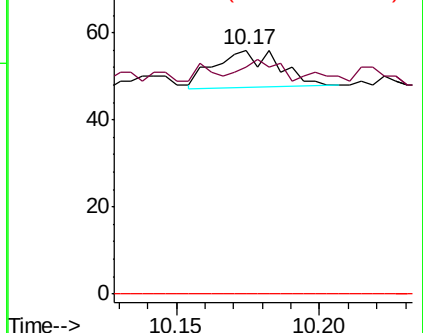
127 0.0 4.0 6.0#



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: 0.001 ng/ul

RT: 11.78 min Scan# 1804

Delta R.T. -0.02 min

Lab File: BE097298.D

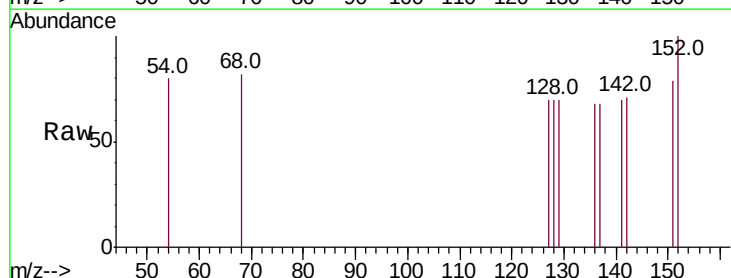
Acq: 17 Aug 2018 15:55

Tgt Ion:142 Resp: 5

Ion Ratio Lower Upper

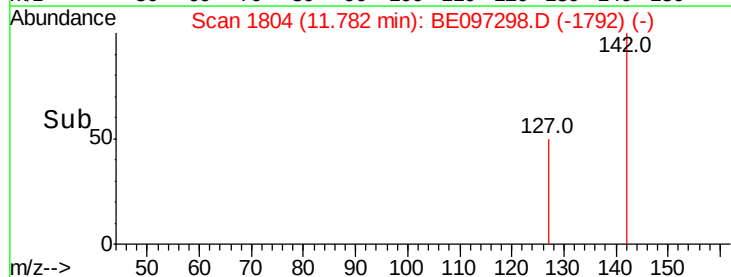
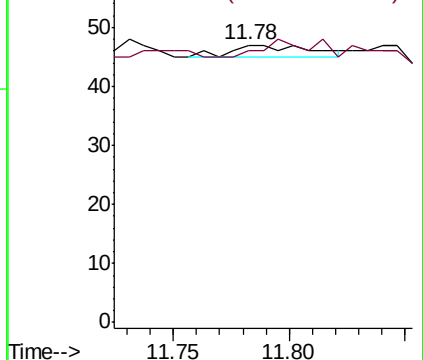
142 100

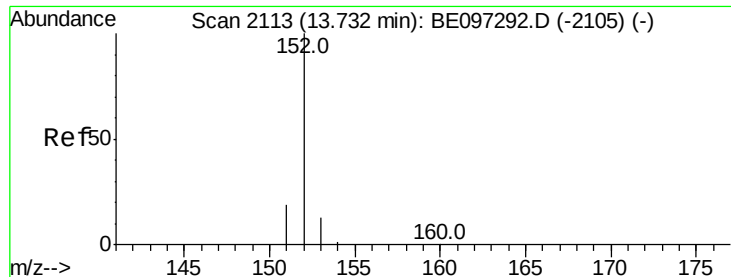
141 240.0 72.6 108.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.003 ng/ul

RT: 13.70 min Scan# 2109

Delta R.T. -0.03 min

Lab File: BE097298.D

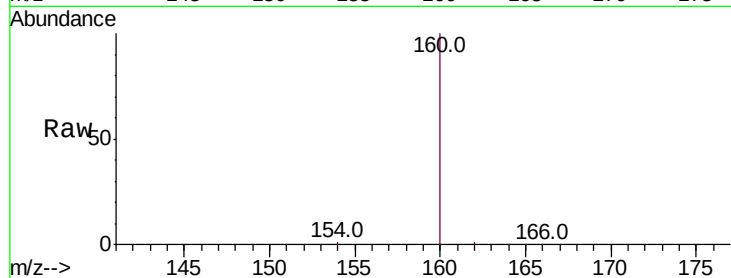
Acq: 17 Aug 2018 15:55

Instrument :

BNA_E

ClientSampled :

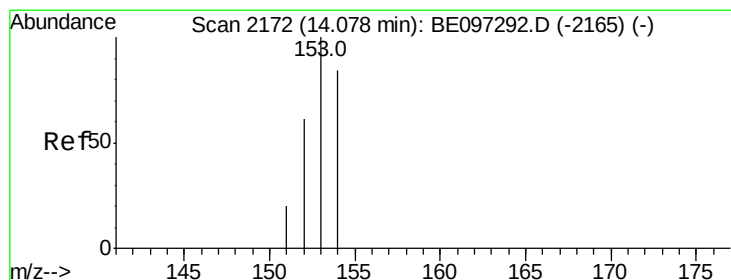
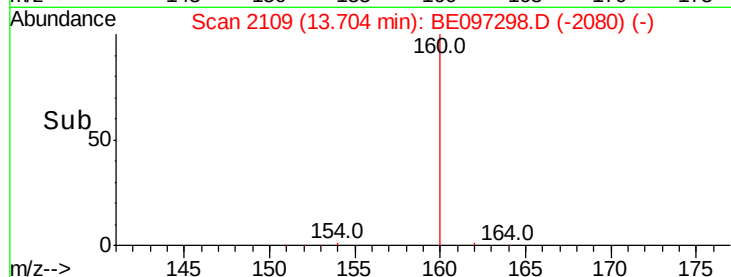
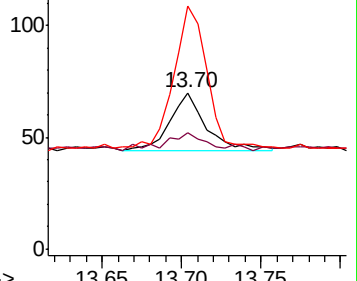
Tot Ion:	152	Resp:	41
Ion	Ratio	Lower	Upper
152	100		
151	74.3	17.1	25.7#
153	155.7	12.8	19.2#



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: 0.000 ng/ul

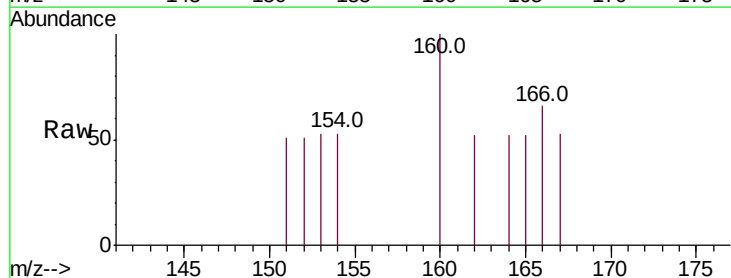
RT: 14.08 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BE097298.D

Acq: 17 Aug 2018 15:55

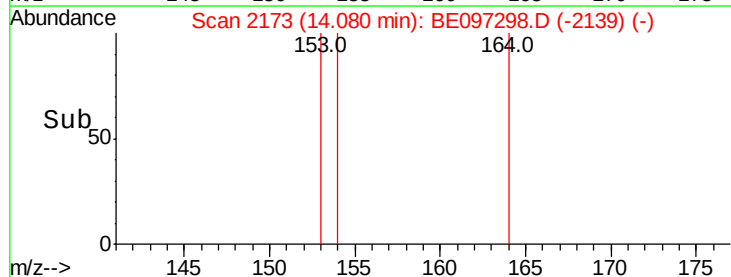
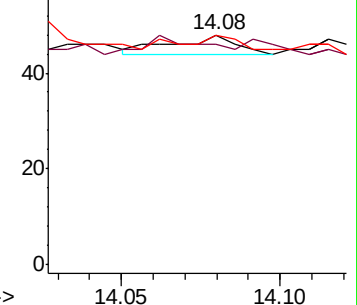
Tgt Ion:	153	Resp:	5
Ion	Ratio	Lower	Upper
153	100		
152	95.8	36.0	54.0#
154	100.0	72.0	108.0

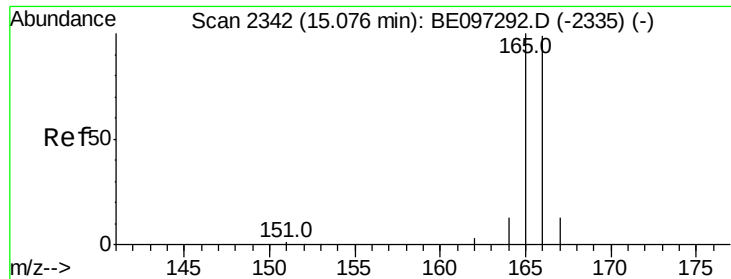


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.076 ng/ul

RT: 15.02 min Scan# 2333

Delta R.T. -0.06 min

Lab File: BE097298.D

Acq: 17 Aug 2018 15:55

Instrument :

BNA_E

ClientSampleId :

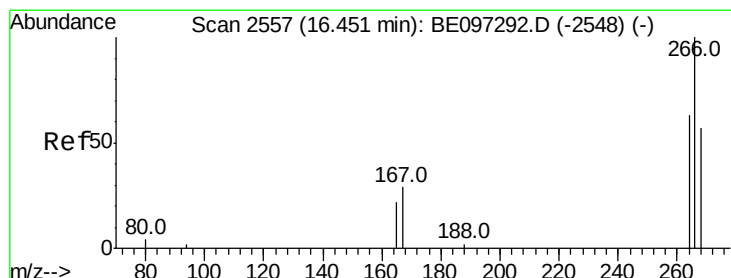
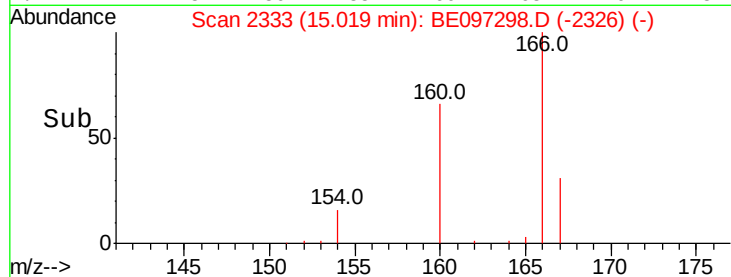
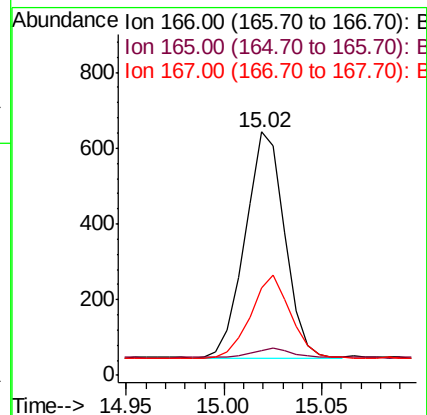
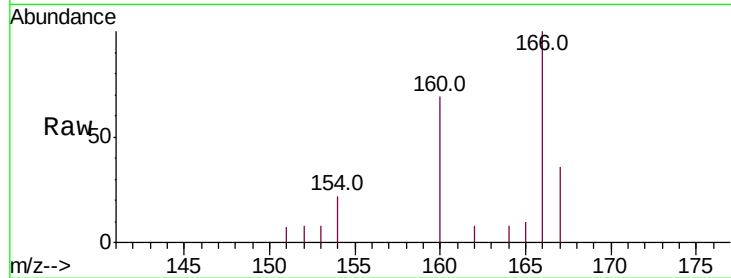
Tot Ion:166 Resp: 836

Ion Ratio Lower Upper

166 100

165 10.1 73.4 110.2#

167 35.9 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.57 min Scan# 2575

Delta R.T. 0.12 min

Lab File: BE097298.D

Acq: 17 Aug 2018 15:55

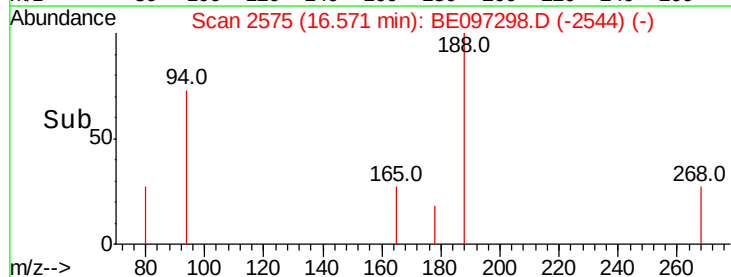
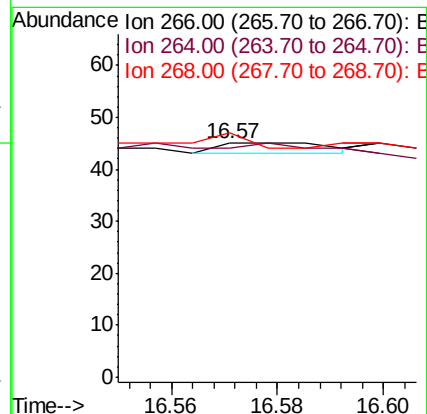
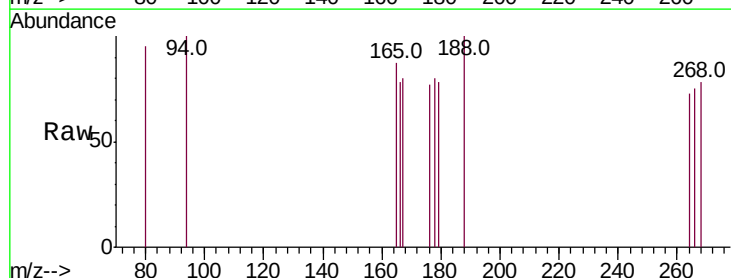
Tgt Ion:266 Resp: 3

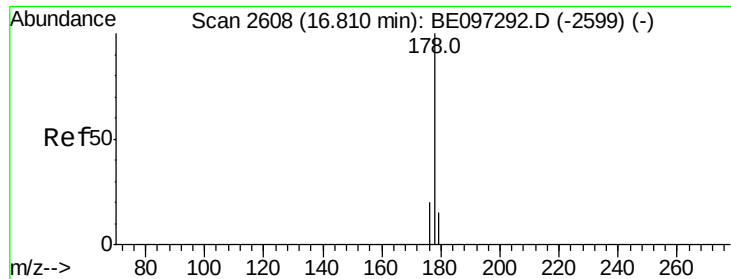
Ion Ratio Lower Upper

266 100

264 66.7 47.9 71.9

268 66.7 49.8 74.8





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 16.87 min Scan# 2617

Delta R.T. 0.06 min

Lab File: BE097298.D

Acq: 17 Aug 2018 15:55

Instrument :

BNA_E

ClientSampleId :

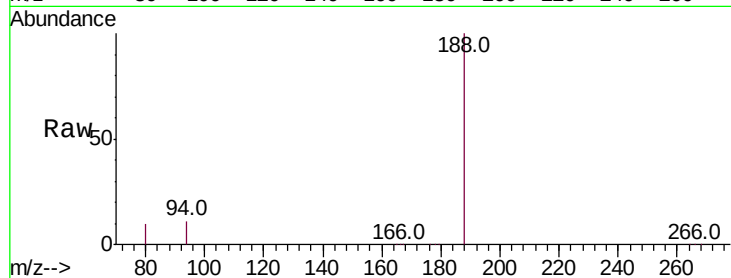
Tot Ion:178 Resp: 230

Ion Ratio Lower Upper

178 100

179 234.8 18.4 27.6#

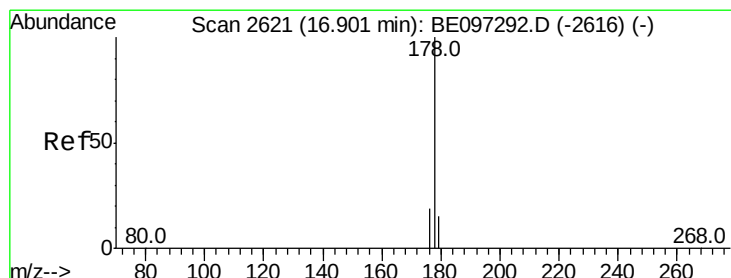
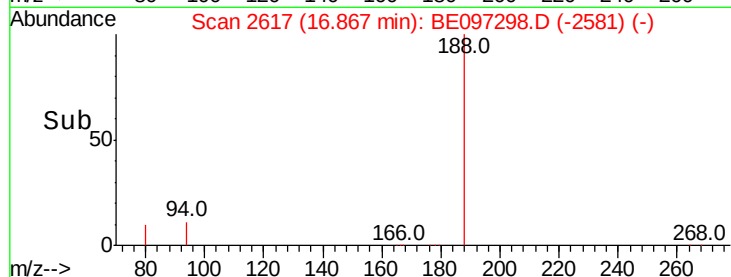
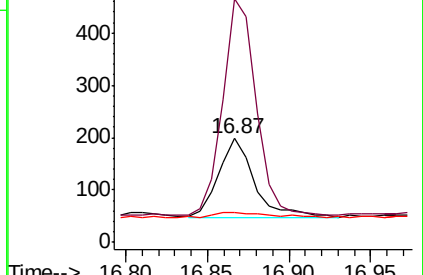
176 28.3 13.6 20.4#



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: 0.000 ng/ul

RT: 16.99 min Scan# 2634

Delta R.T. 0.08 min

Lab File: BE097298.D

Acq: 17 Aug 2018 15:55

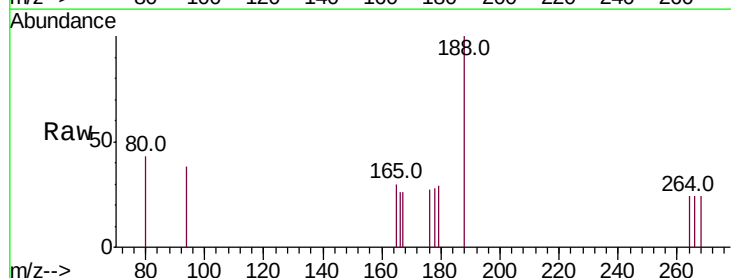
Tgt Ion:178 Resp: 11

Ion Ratio Lower Upper

178 100

179 103.8 18.1 27.1#

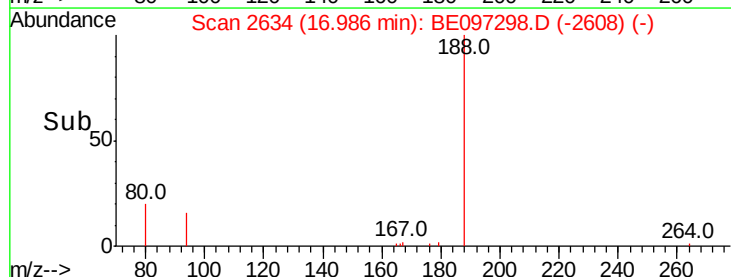
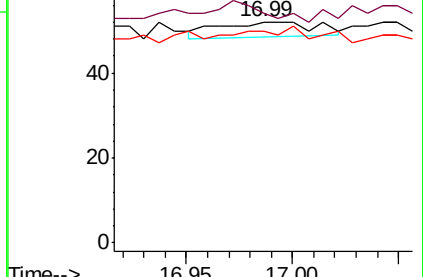
176 96.2 14.7 22.1#

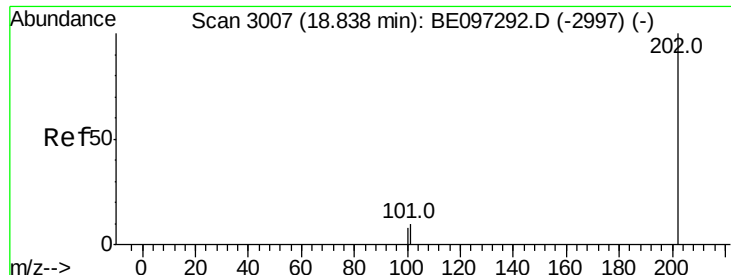


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

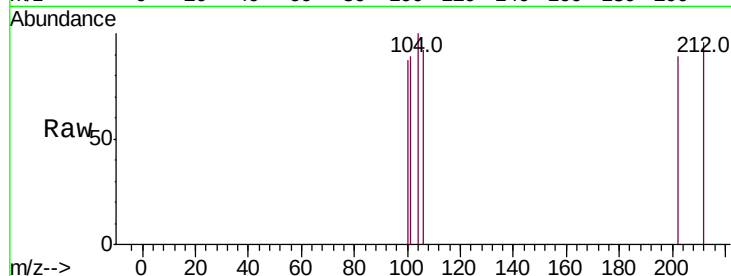




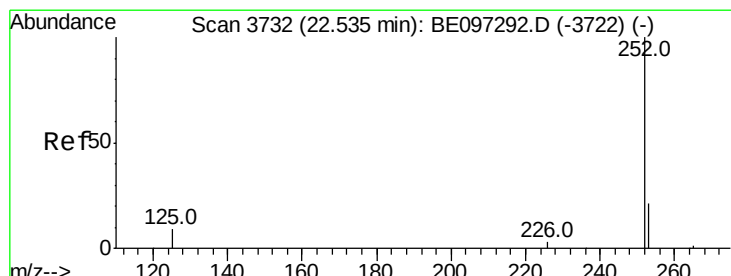
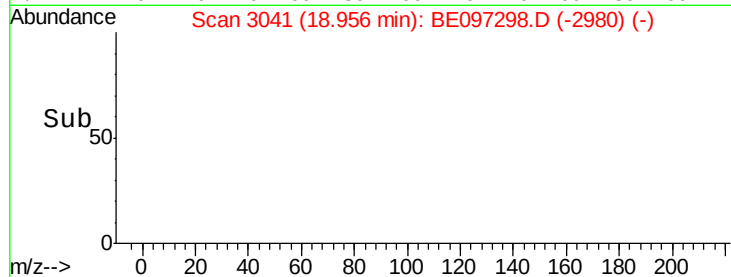
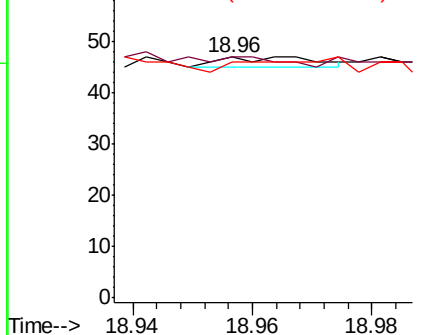
#15
Fluoranthene
Concen: 0.000 ng/ul
RT: 18.96 min Scan# 3041
Delta R.T. 0.12 min
Lab File: BE097298.D
Acq: 17 Aug 2018 15:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 2
Ion Ratio Lower Upper
202 100
101 100.0 0.0 30.3#
100 97.9 0.0 39.5#

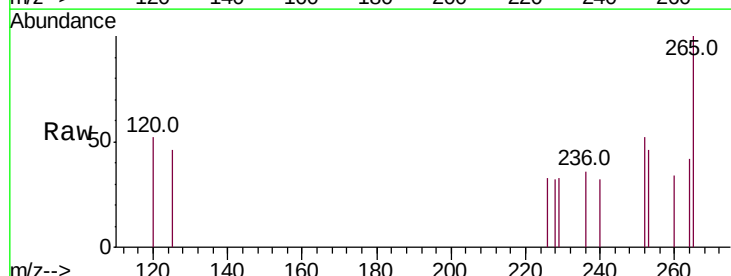


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

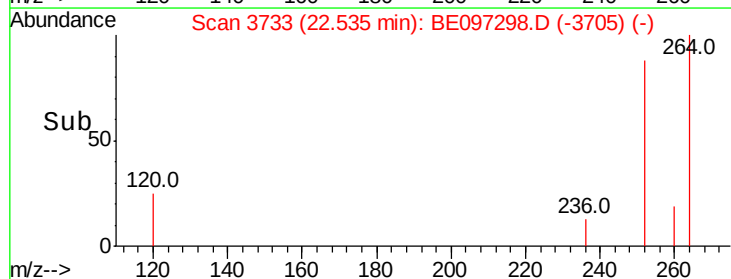
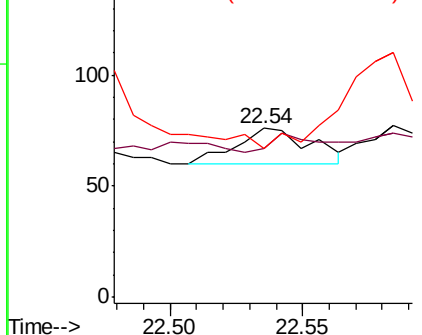


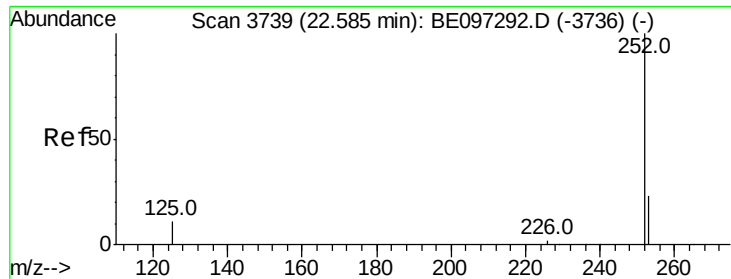
#21
Benzo(b)fluoranthene
Concen: 0.001 ng/ul
RT: 22.54 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BE097298.D
Acq: 17 Aug 2018 15:55

Tgt Ion:252 Resp: 31
Ion Ratio Lower Upper
252 100
253 88.2 0.0 64.2#
125 88.2 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: 0.001 ng/ul

RT: 22.58 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BE097298.D

Acq: 17 Aug 2018 15:55

Instrument :

BNA_E

ClientSampleId :

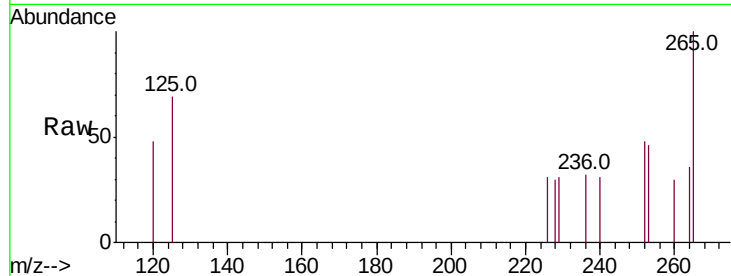
Tot Ion:252 Resp: 28

Ion Ratio Lower Upper

252 100

253 96.1 24.5 36.7#

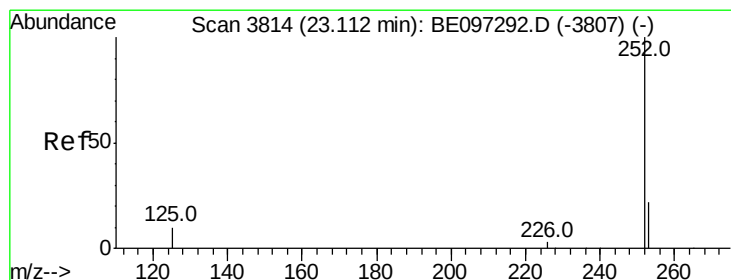
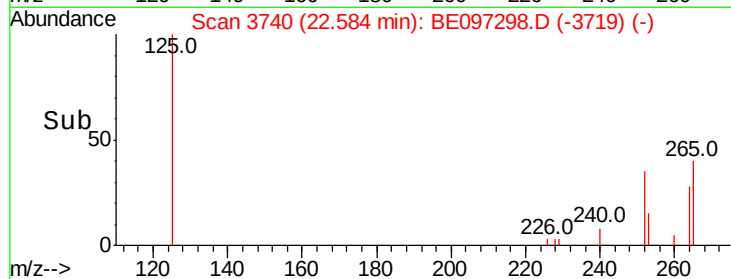
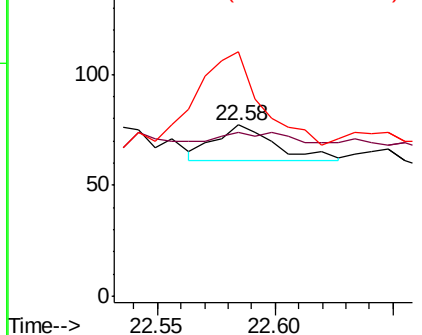
125 142.9 13.7 20.5#



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: 0.063 ng/ul

RT: 23.07 min Scan# 3809

Delta R.T. -0.04 min

Lab File: BE097298.D

Acq: 17 Aug 2018 15:55

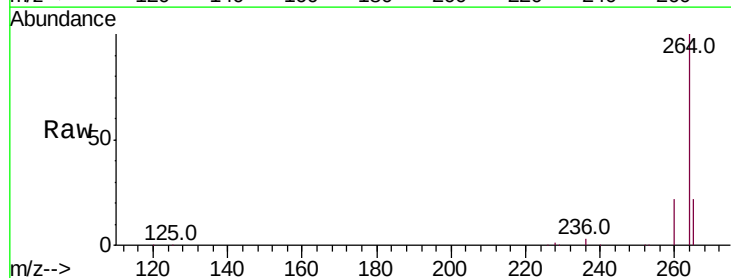
Tgt Ion:252 Resp: 1838

Ion Ratio Lower Upper

252 100

253 37.4 28.5 42.7

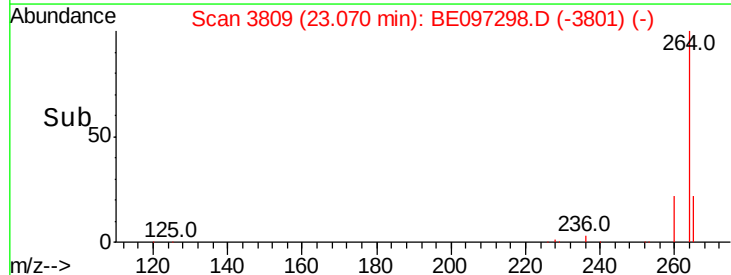
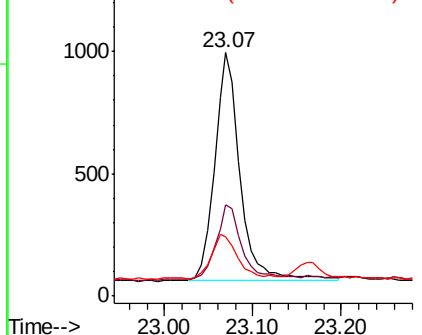
125 24.5 18.1 27.1

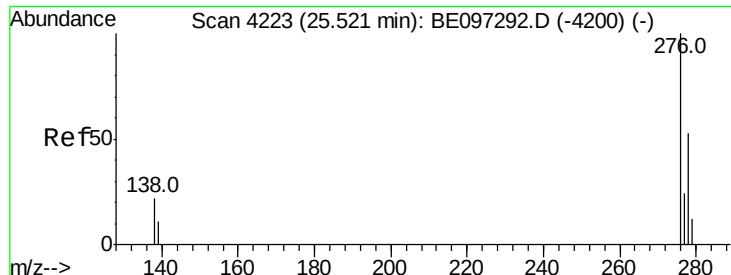


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



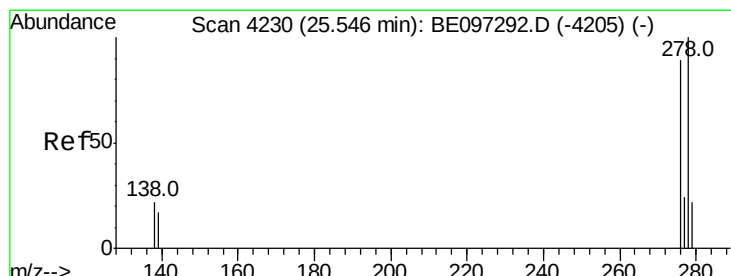
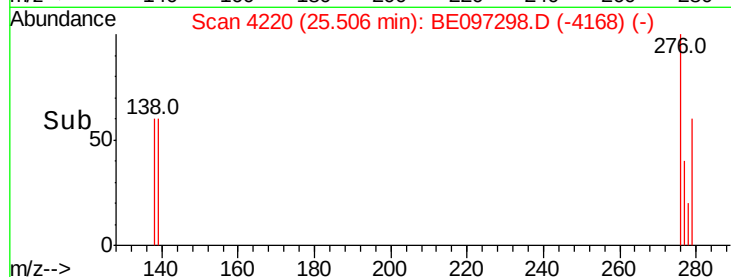
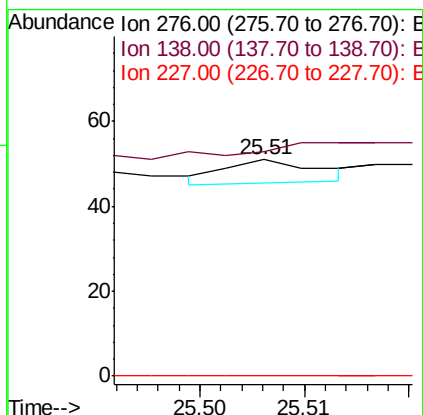
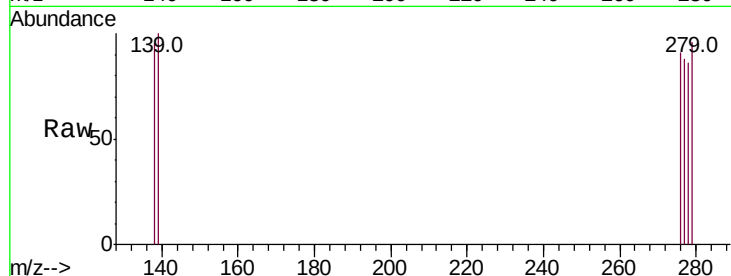


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/ul
RT: 25.51 min Scan# 4220
Delta R.T. -0.01 min
Lab File: BE097298.D
Acq: 17 Aug 2018 15:55

Instrument :
BNA_E
ClientSampleId :

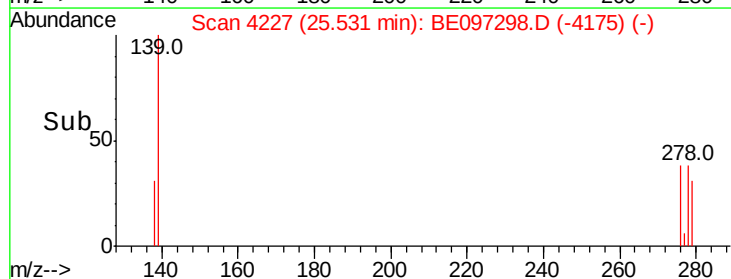
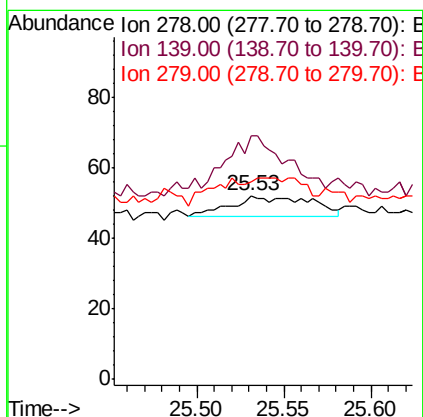
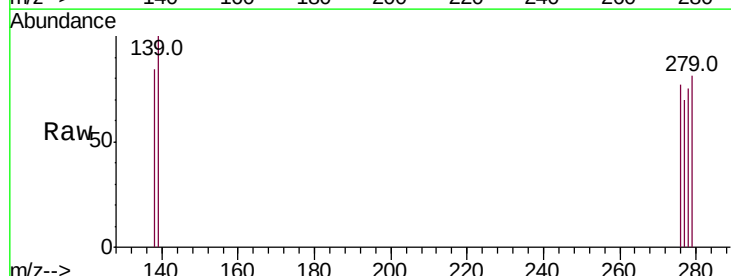
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	28.0	42.0#
227	0.0	8.0	12.0#

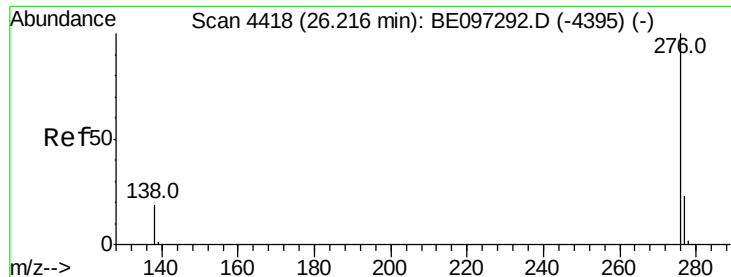


#25

Dibenzo(a,h)anthracene
Concen: 0.001 ng/ul
RT: 25.53 min Scan# 4227
Delta R.T. -0.01 min
Lab File: BE097298.D
Acq: 17 Aug 2018 15:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	132.7	17.4	26.0#
279	107.7	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.000 ng/ul

RT: 26.21 min Scan# 4417

Delta R.T. -0.01 min

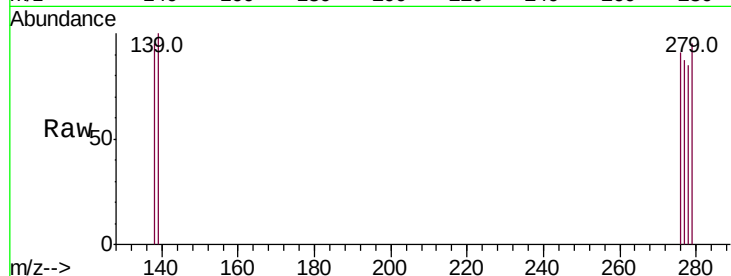
Lab File: BE097298.D

Acq: 17 Aug 2018 15:55

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 4

Ion Ratio Lower Upper

276 100

138 104.0 21.8 32.8#

277 96.0 20.5 30.7#

