

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097479.D
 Acq On : 13 Sep 2018 8:38
 Operator : SJ/JU
 Sample : J4792-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 13 10:28:01 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

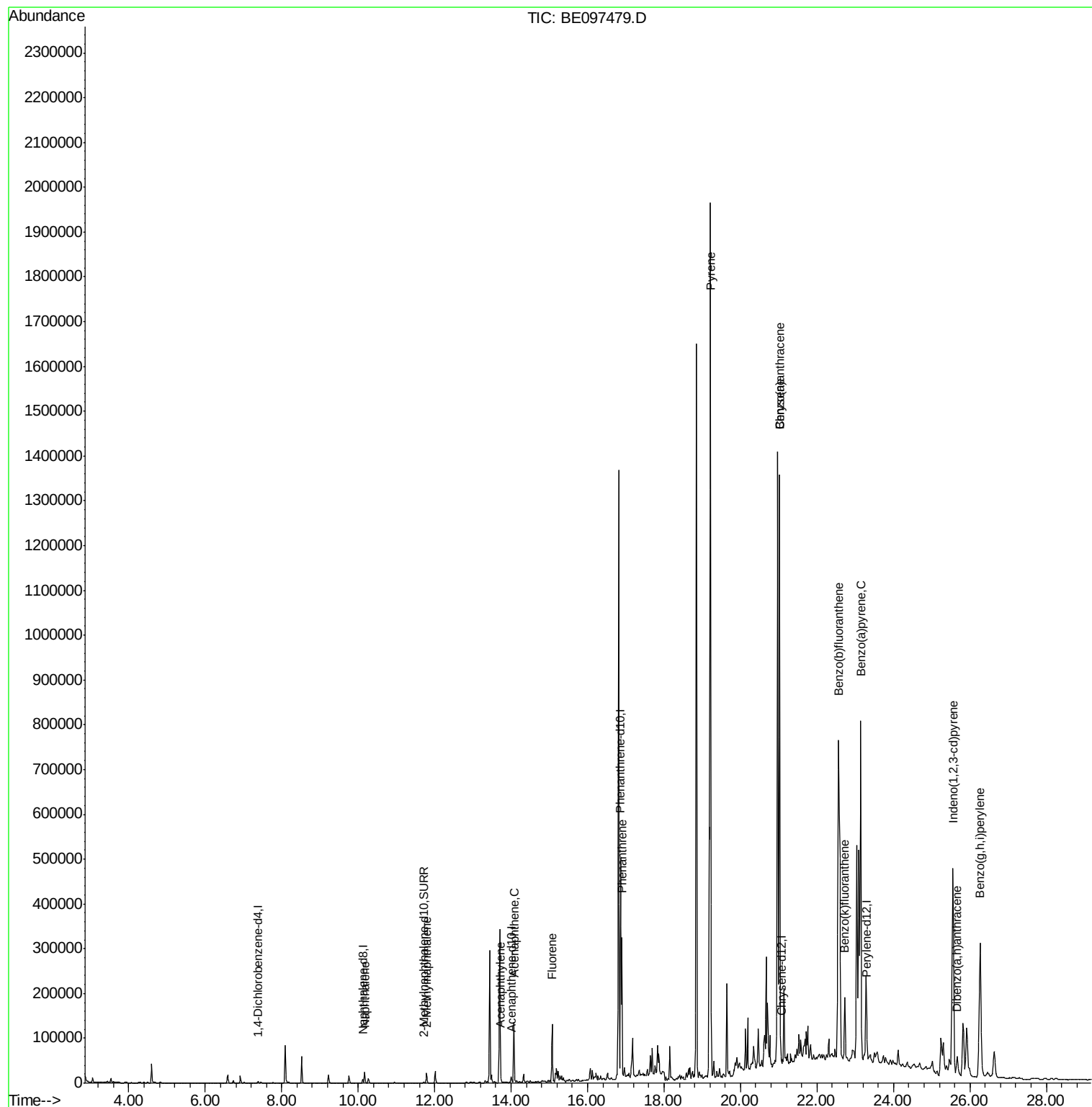
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1549	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	8704	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	6012	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	527562	0.40	ng/ul	0.11
16) Chrysene-d12	21.07	240	227	0.40	ng/ul	0.10
20) Perylene-d12	23.31	264	5364	0.40	ng/ul	0.10
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2890	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	771	0.00	ng/ul	0.12
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	35000	1.649	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	19244	1.435	ng/ul	98
7) Acenaphthylene	13.73	152	12734	0.582	ng/ul#	93
8) Acenaphthene	14.07	153	77991	4.140	ng/ul	98
9) Fluorene	15.07	166	78978	3.661	ng/ul	95
12) Phenanthrene	16.90	178	338068	0.249	ng/ul#	90
17) Pyrene	19.22	202	2357382	3859.154	ng/ul#	81
18) Benzo(a)anthracene	21.02	228	1148464	1969.493	ng/ul#	84
19) Chrysene	21.02	228	1148464	1709.400	ng/ul	97
21) Benzo(b)fluoranthene	22.56	252	1698198	118.220	ng/ul	86
22) Benzo(k)fluoranthene	22.72	252	163581	10.212	ng/ul#	95
23) Benzo(a)pyrene	23.15	252	882055	66.373	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.56	276	718063	41.688	ng/ul#	78
25) Dibenzo(a,h)anthracene	25.67	278	67793	4.645	ng/ul	94
26) Benzo(g,h,i)perylene	26.27	276	698633	47.577	ng/ul#	92

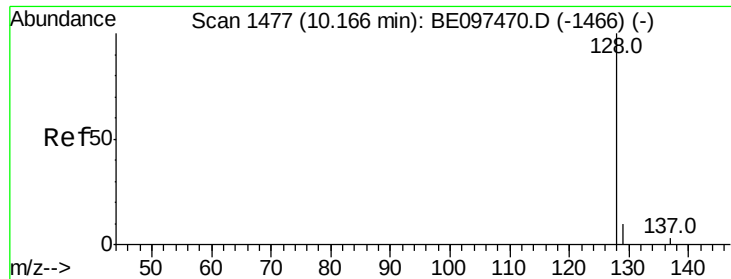
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
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#3

Naphthalene

Concen: 1.649 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE097479.D

Acq: 13 Sep 2018 8:38

Instrument :

BNA_E

ClientSampleId :

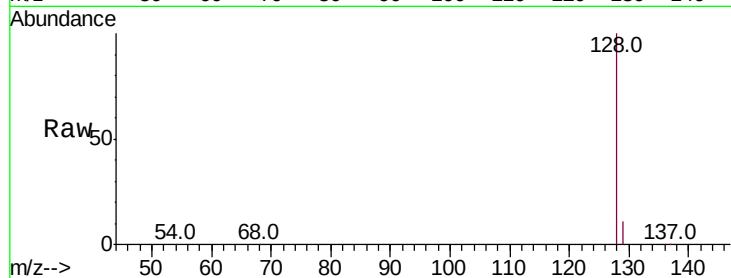
Tot Ion:128 Resp: 35000

Ion Ratio Lower Upper

128 100

129 11.1 11.3 16.9#

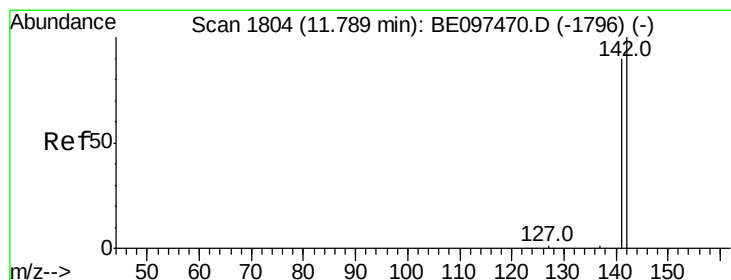
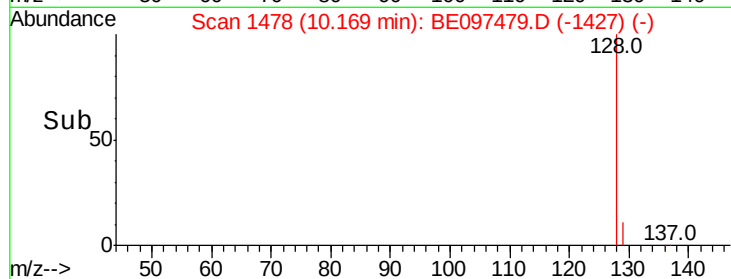
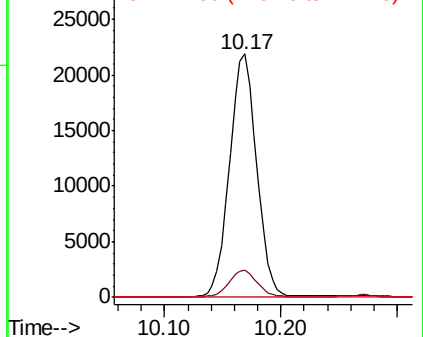
127 0.0 4.0 6.0#



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: 1.435 ng/ul

RT: 11.79 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BE097479.D

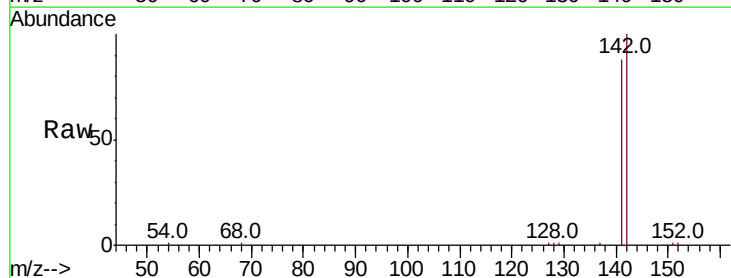
Acq: 13 Sep 2018 8:38

Tgt Ion:142 Resp: 19244

Ion Ratio Lower Upper

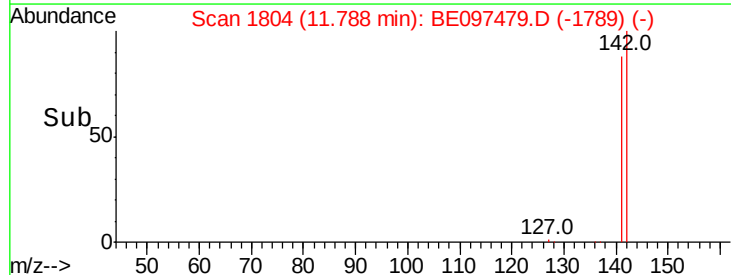
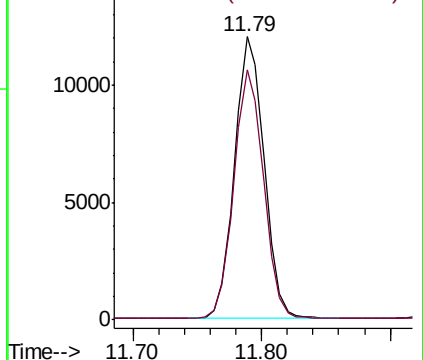
142 100

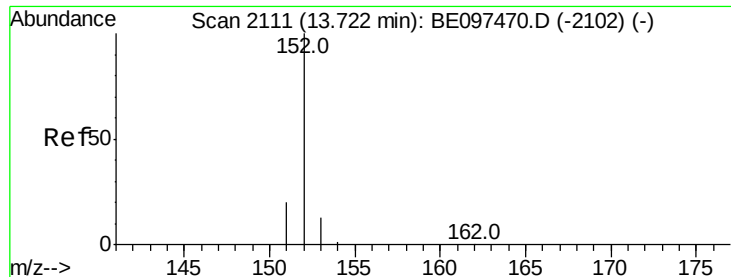
141 88.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.582 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. 0.01 min

Lab File: BE097479.D

Acq: 13 Sep 2018 8:38

Instrument :

BNA_E

ClientSampled :

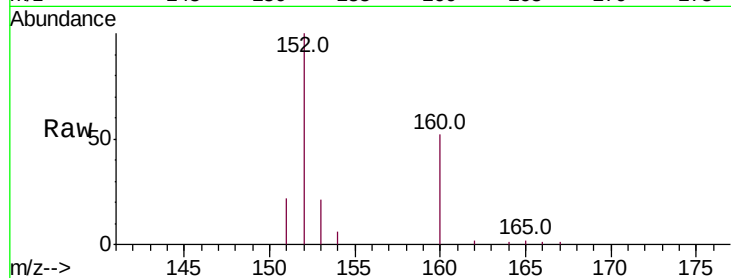
Tot Ion:152 Resp: 12734

Ion Ratio Lower Upper

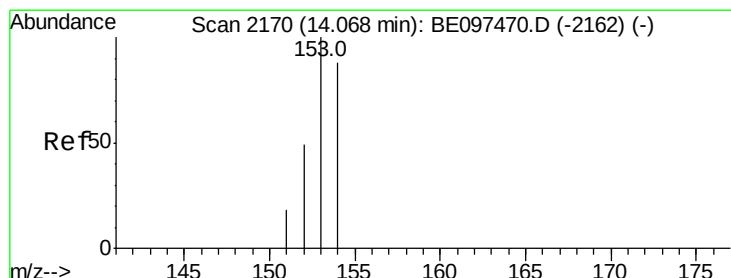
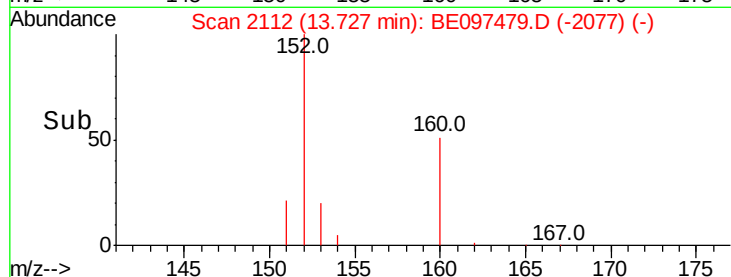
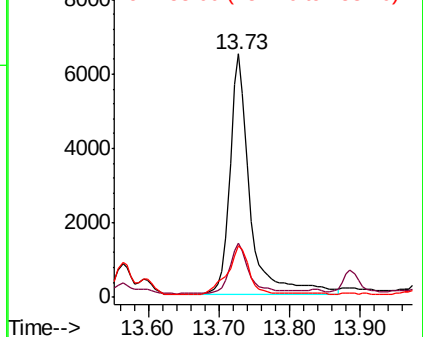
152 100

151 22.4 17.1 25.7

153 21.3 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: 4.140 ng/ul

RT: 14.07 min Scan# 2171

Delta R.T. 0.01 min

Lab File: BE097479.D

Acq: 13 Sep 2018 8:38

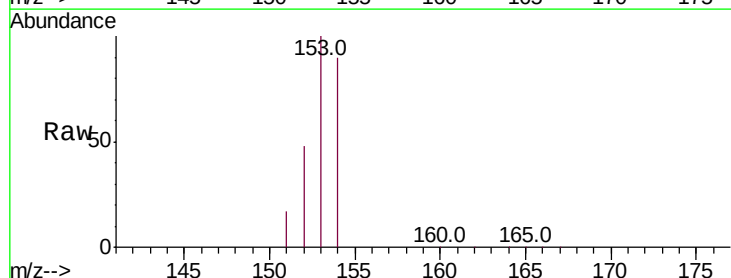
Tgt Ion:153 Resp: 77991

Ion Ratio Lower Upper

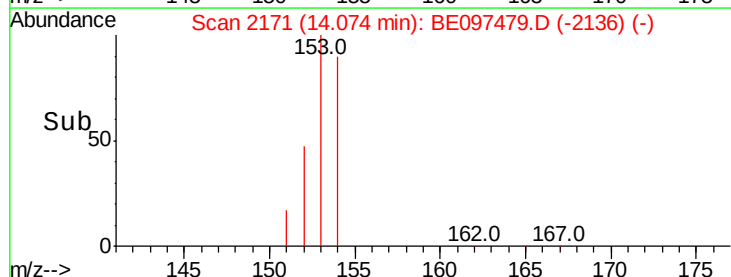
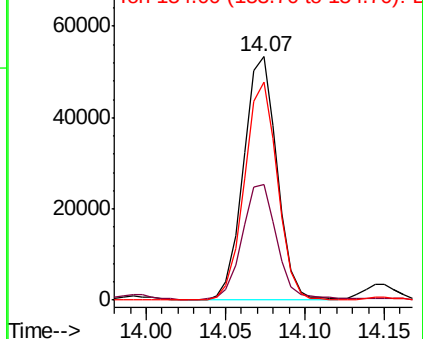
153 100

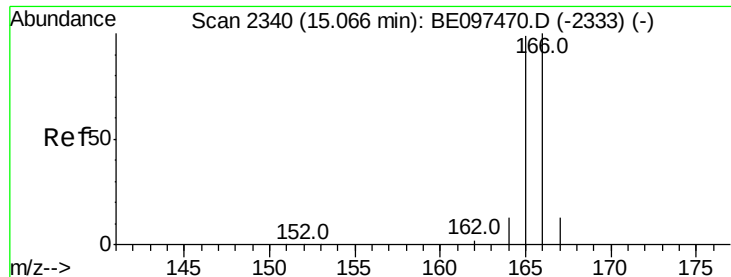
152 47.7 36.0 54.0

154 89.6 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

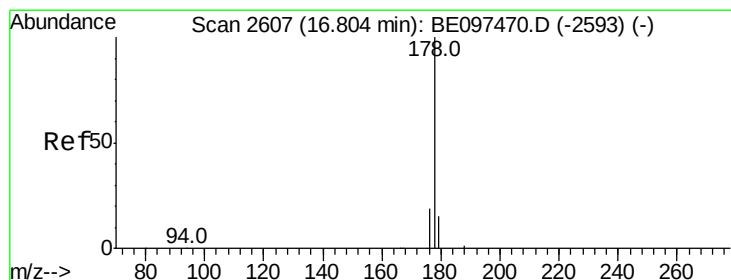
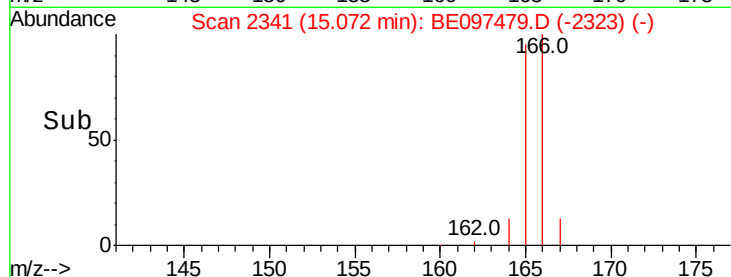
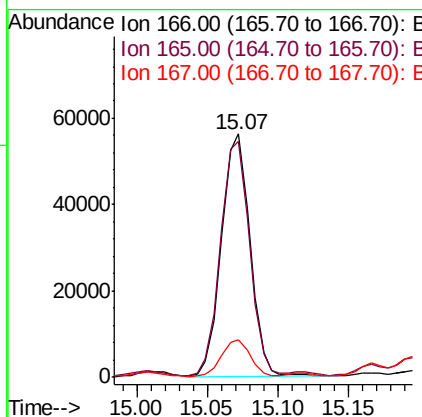
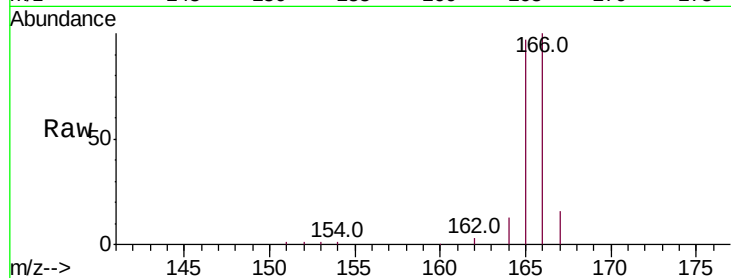




#9
Fluorene
 Concen: 3.661 ng/ul
 RT: 15.07 min Scan# 2341
 Delta R.T. 0.01 min
 Lab File: BE097479.D
 Acq: 13 Sep 2018 8:38

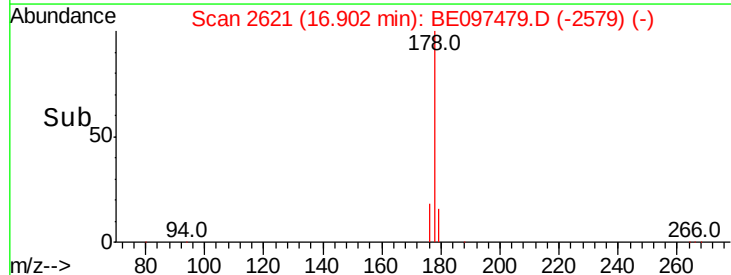
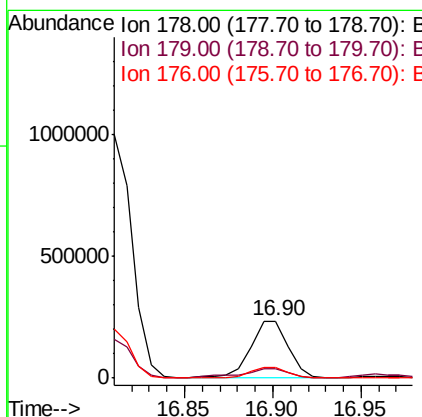
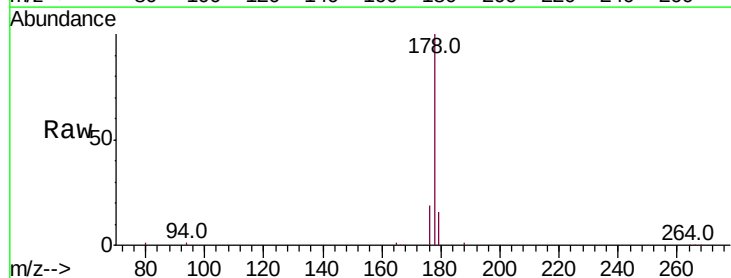
Instrument :
 BNA_E
 ClientSampleId :

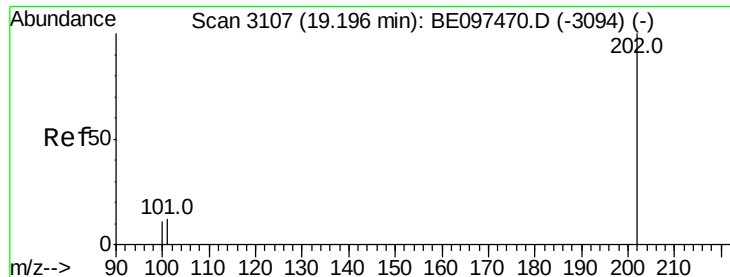
Tot Ion:166 Resp: 78978
 Ion Ratio Lower Upper
 166 100
 165 96.8 73.4 110.2
 167 15.5 14.6 22.0



#12
Phenanthrene
 Concen: 0.249 ng/ul
 RT: 16.90 min Scan# 2621
 Delta R.T. 0.10 min
 Lab File: BE097479.D
 Acq: 13 Sep 2018 8:38

Tgt Ion:178 Resp: 338068
 Ion Ratio Lower Upper
 178 100
 179 16.2 18.4 27.6#
 176 18.6 13.6 20.4

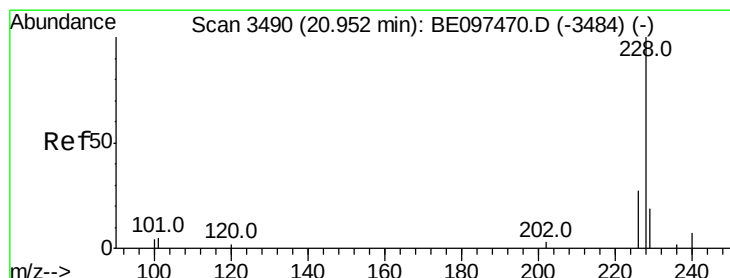
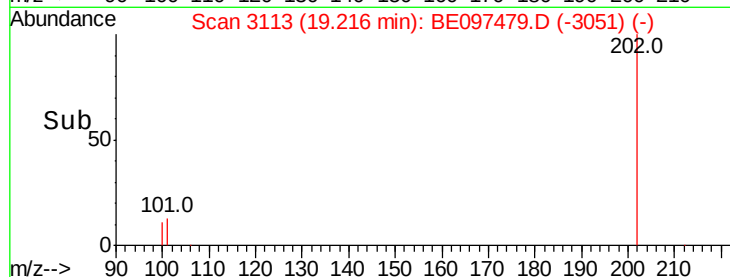
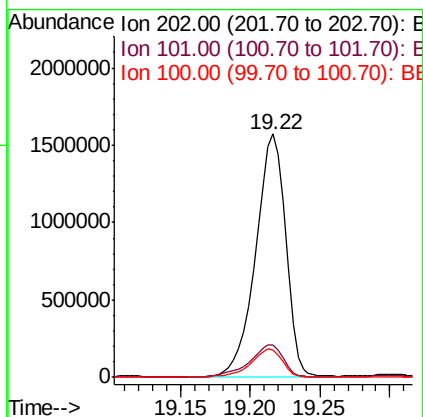
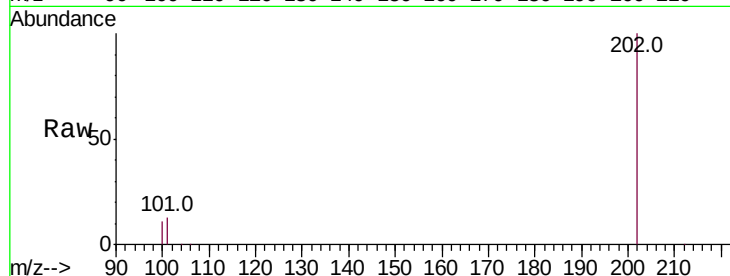




#17
Pvrene
Concen: 3859.154 ng/ul
RT: 19.22 min Scan# 3113
Delta R.T. 0.02 min
Lab File: BE097479.D
Acq: 13 Sep 2018 8:38

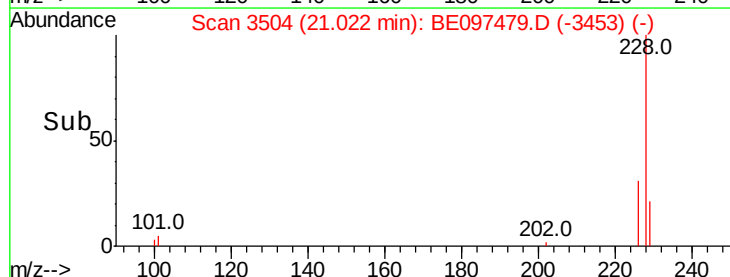
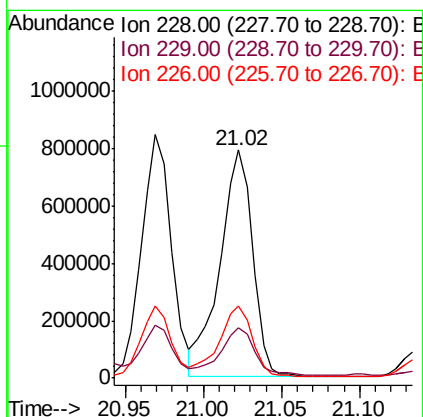
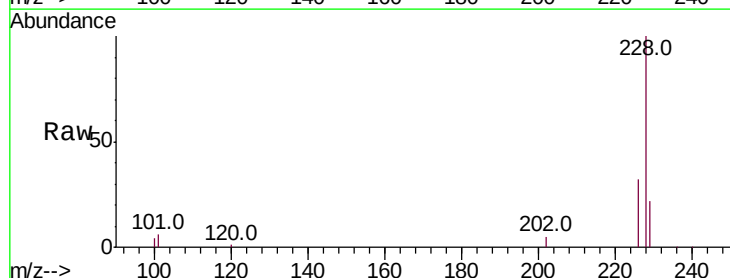
Instrument :
BNA_E
ClientSampleId :

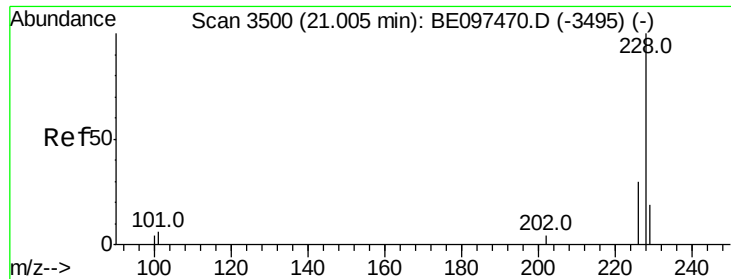
Tot Ion:202 Resp: 2357382
Ion Ratio Lower Upper
202 100
101 13.2 18.2 27.4#
100 11.3 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 1969.493 ng/ul
RT: 21.02 min Scan# 3504
Delta R.T. 0.07 min
Lab File: BE097479.D
Acq: 13 Sep 2018 8:38

Tgt Ion:228 Resp: 1148464
Ion Ratio Lower Upper
228 100
229 22.3 22.8 34.2#
226 31.9 17.0 25.6#





#19

Chrysene

Concen: 1709.400 ng/ul

RT: 21.02 min Scan# 3504

Delta R.T. 0.02 min

Lab File: BE097479.D

Acq: 13 Sep 2018 8:38

Instrument :

BNA_E

ClientSampled :

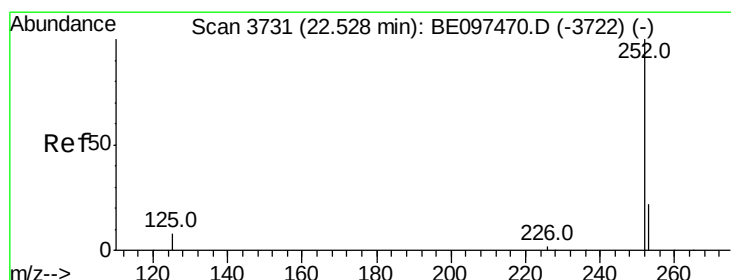
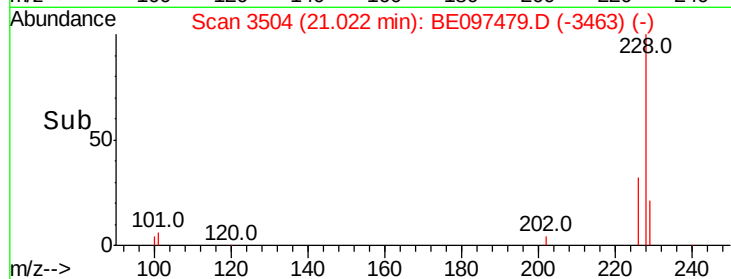
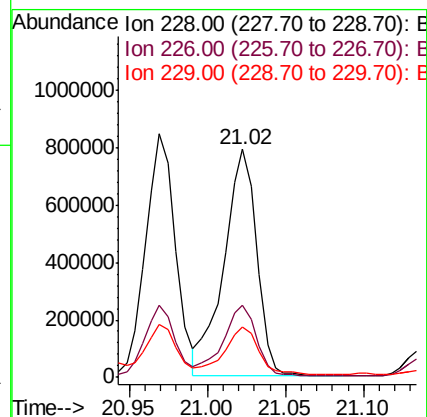
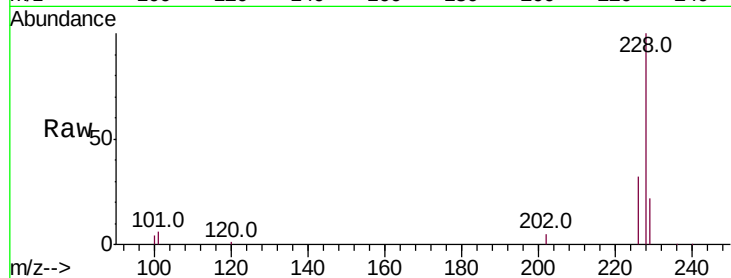
Tot Ion:228 Resp: 1148464

Ion Ratio Lower Upper

228 100

226 31.9 23.4 35.0

229 22.3 17.7 26.5



#21

Benzo(b)fluoranthene

Concen: 118.220 ng/ul

RT: 22.56 min Scan# 3737

Delta R.T. 0.03 min

Lab File: BE097479.D

Acq: 13 Sep 2018 8:38

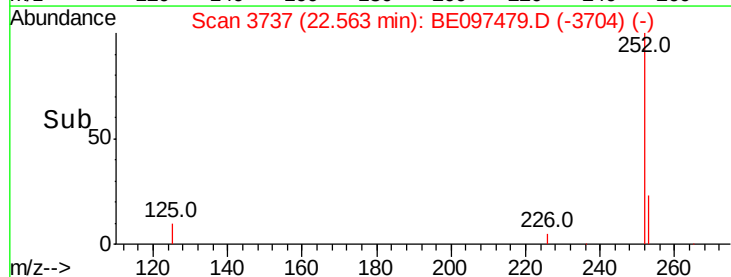
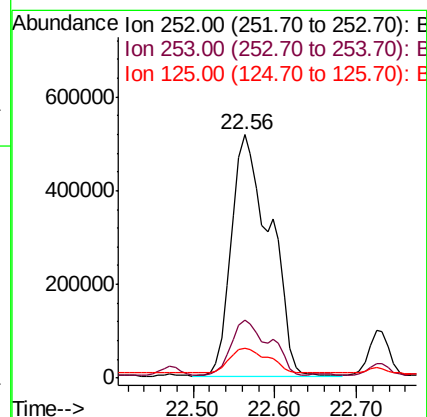
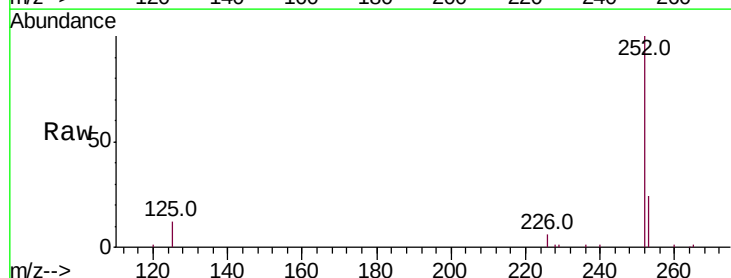
Tgt Ion:252 Resp: 1698198

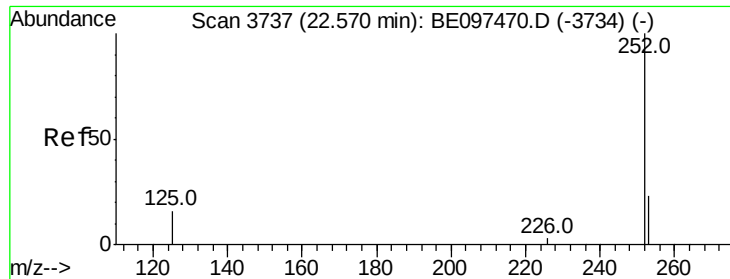
Ion Ratio Lower Upper

252 100

253 23.8 0.0 64.2

125 12.3 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 10.212 ng/ul

RT: 22.72 min Scan# 3760

Delta R.T. 0.15 min

Lab File: BE097479.D

Acq: 13 Sep 2018 8:38

Instrument :

BNA_E

ClientSampleId :

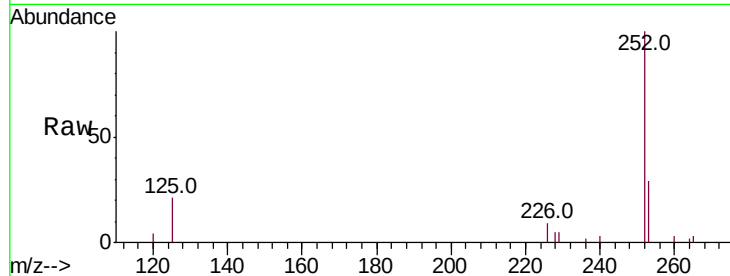
Tot Ion:252 Resp: 163581

Ion Ratio Lower Upper

252 100

253 29.3 24.5 36.7

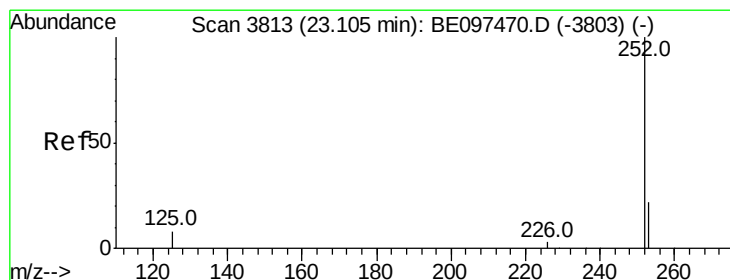
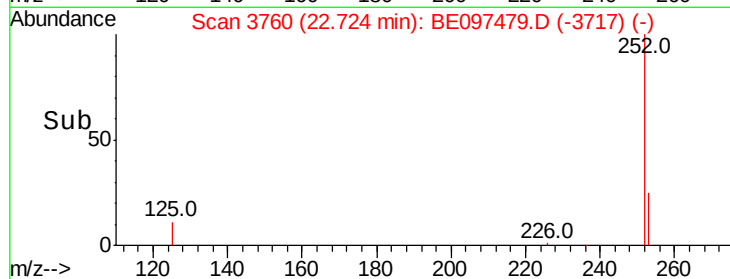
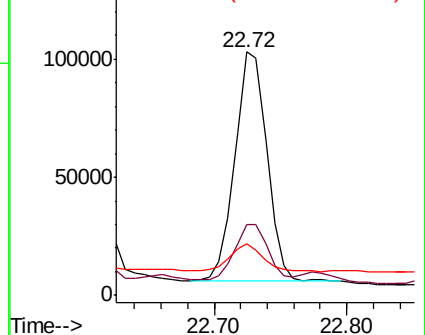
125 21.3 13.7 20.5#



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: 66.373 ng/ul

RT: 23.15 min Scan# 3820

Delta R.T. 0.04 min

Lab File: BE097479.D

Acq: 13 Sep 2018 8:38

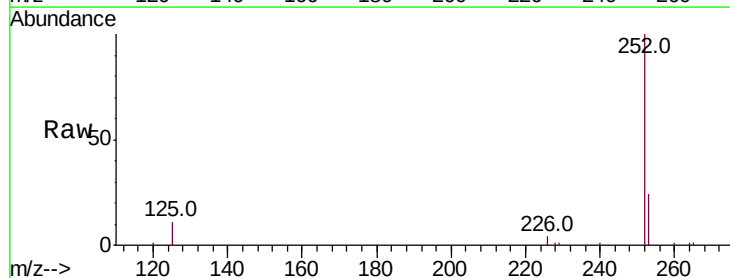
Tgt Ion:252 Resp: 882055

Ion Ratio Lower Upper

252 100

253 23.8 28.5 42.7#

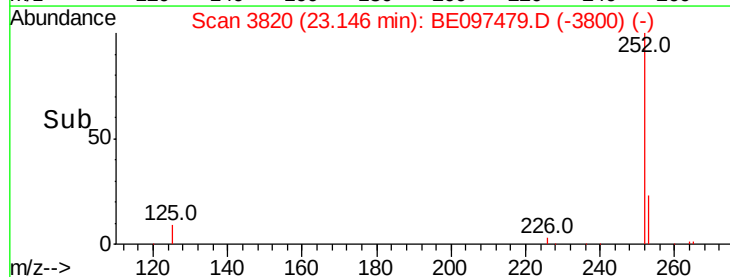
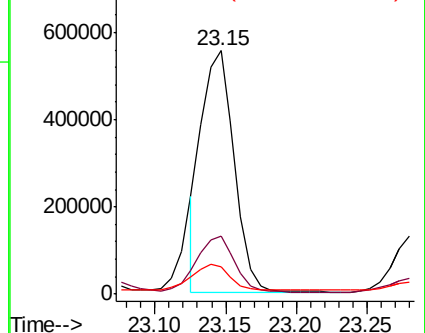
125 11.0 18.1 27.1#

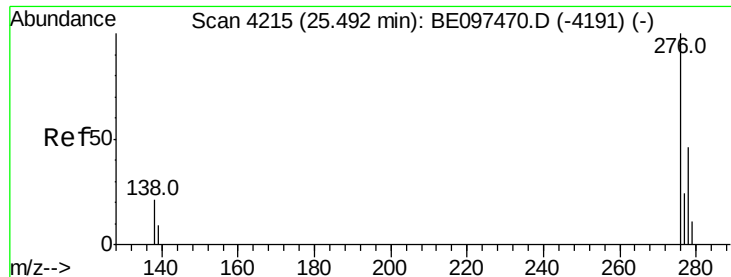


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



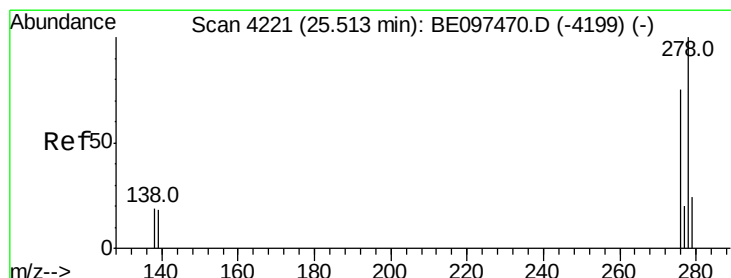
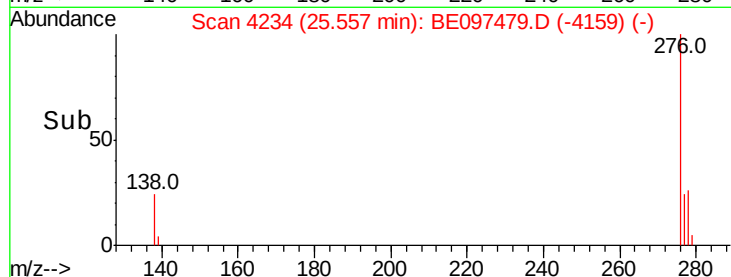
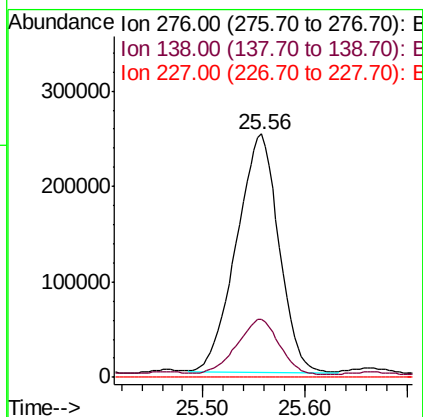
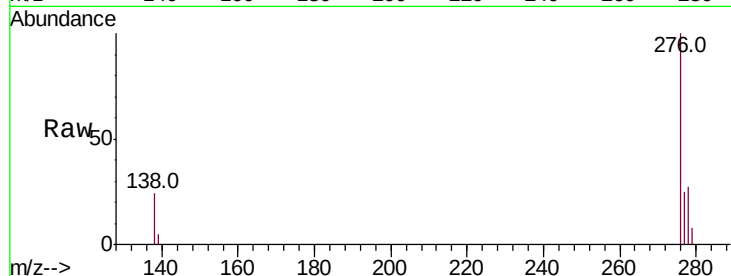


#24

Indeno(1,2,3-cd)pyrene
Concen: 41.688 ng/ul
RT: 25.56 min Scan# 4234
Delta R.T. 0.07 min
Lab File: BE097479.D
Acq: 13 Sep 2018 8:38

Instrument :
BNA_E
ClientSampleId :

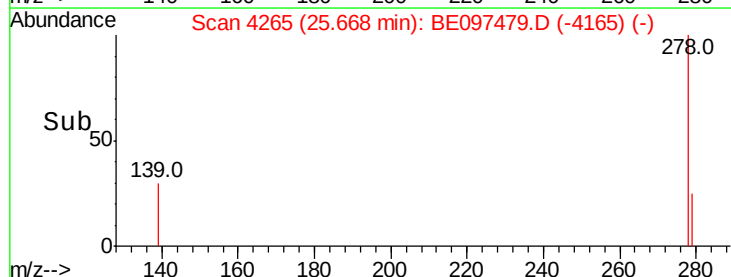
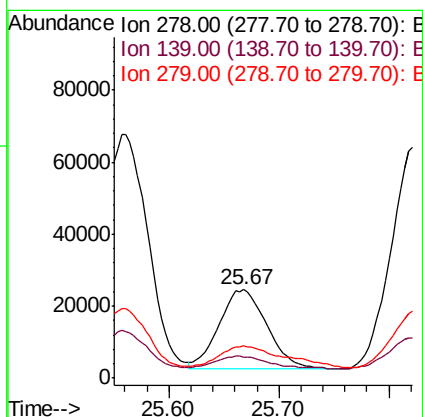
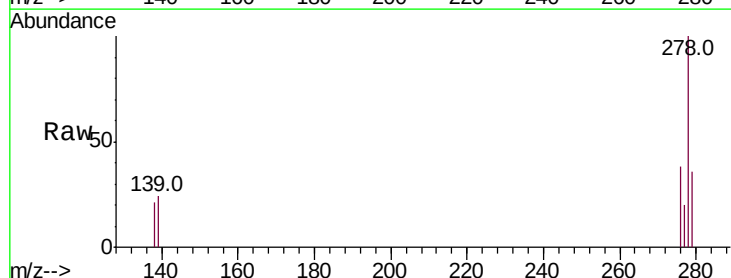
Tot Ion:276 Resp: 718063
Ion Ratio Lower Upper
276 100
138 23.1 28.0 42.0#
227 0.0 8.0 12.0#

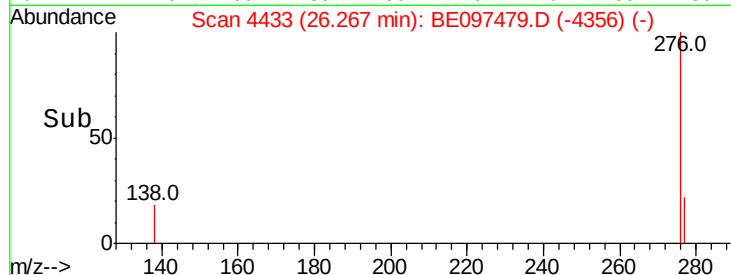
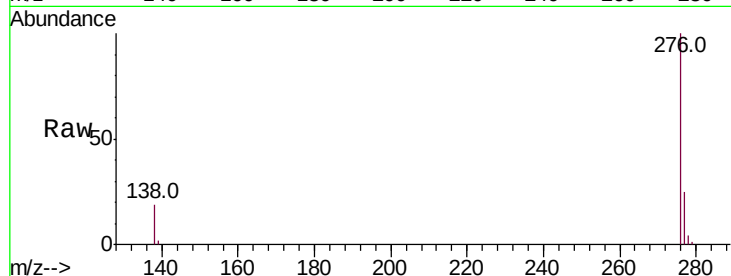
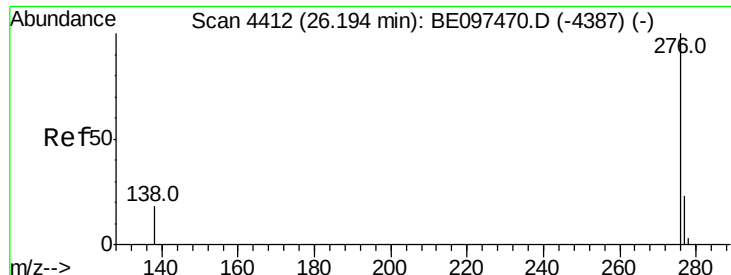


#25

Dibenzo(a,h)anthracene
Concen: 4.645 ng/ul
RT: 25.67 min Scan# 4265
Delta R.T. 0.16 min
Lab File: BE097479.D
Acq: 13 Sep 2018 8:38

Tgt Ion:278 Resp: 67793
Ion Ratio Lower Upper
278 100
139 24.2 17.4 26.0
279 36.3 25.9 38.9





#26
 Benzo(a,h,i)perylene
 Concen: 47.577 ng/ul
 RT: 26.27 min Scan# 4433
 Delta R.T. 0.07 min
 Lab File: BE097479.D
 Acq: 13 Sep 2018 8:38

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	21.8	32.8
277	25.1	20.5	30.7

