

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
 Data File : BE097129.D
 Acq On : 1 Aug 2018 14:18
 Operator : SJ/JU
 Sample : SST00.876
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 01 14:57:19 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 01 14:22:12 2018
 Response via : Initial Calibration

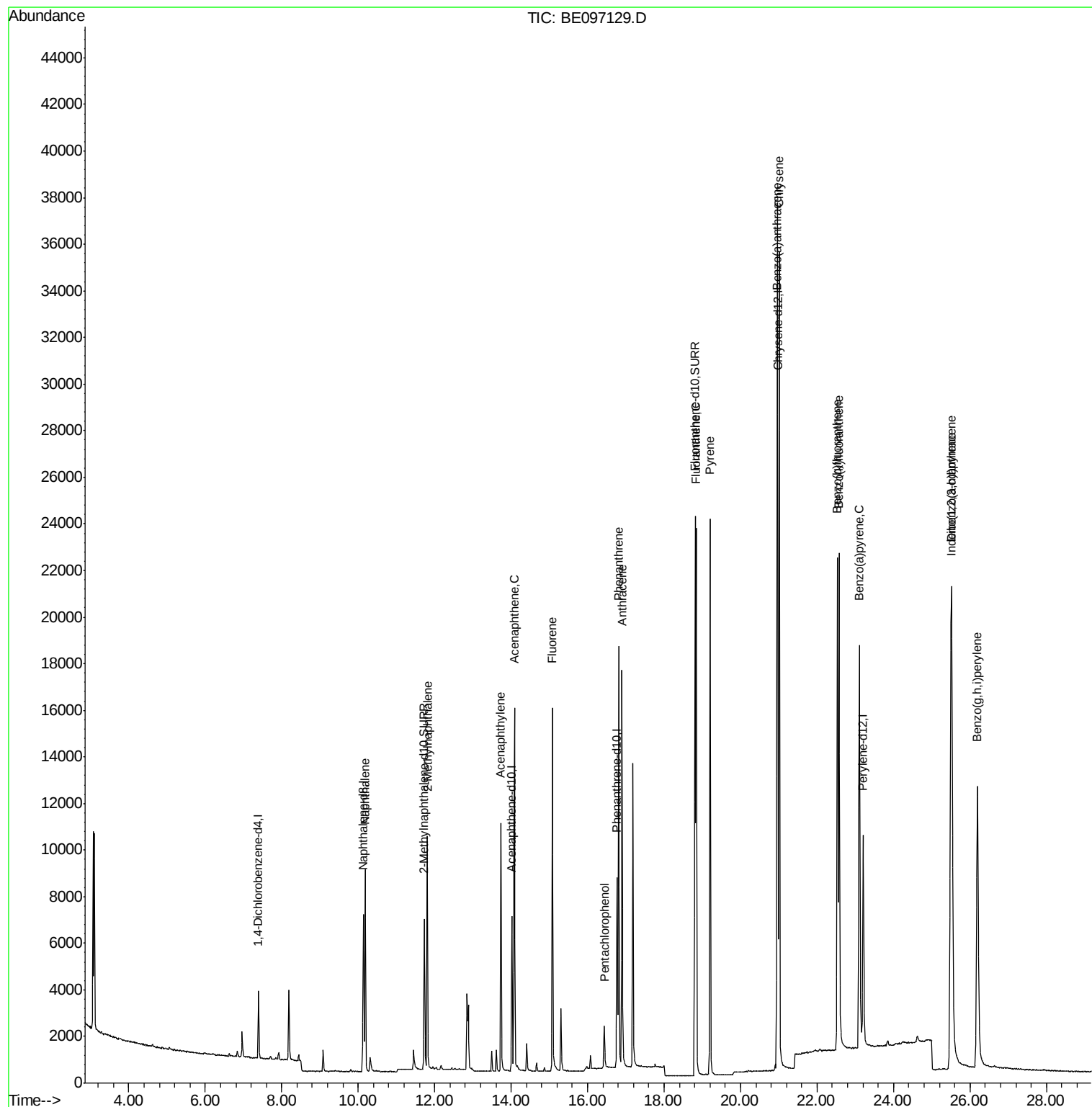
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1419	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6870	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3738	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	10049	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	12672	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	12290	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	8696	0.77	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	26662	1.07	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.18	128	12895	0.776	ng/ul#	91
5) 2-Methylnaphthalene	11.81	142	8701	0.769	ng/ul	98
7) Acenaphthylene	13.73	152	12846	0.838	ng/ul	96
8) Acenaphthene	14.09	153	9280	0.734	ng/ul	95
9) Fluorene	15.08	166	10589	0.811	ng/ul#	92
11) Pentachlorophenol	16.44	266	1088	1.654	ng/ul	98
12) Phenanthrene	16.81	178	19934	0.769	ng/ul#	89
13) Anthracene	16.90	178	18922	0.860	ng/ul#	91
15) Fluoranthene	18.84	202	26249	0.951	ng/ul	84
17) Pyrene	19.20	202	26410	0.635	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	28373	0.949	ng/ul#	85
19) Chrysene	21.01	228	29566	0.764	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	26932	0.803	ng/ul	82
22) Benzo(k)fluoranthene	22.58	252	28535	0.779	ng/ul#	85
23) Benzo(a)pyrene	23.11	252	26402	0.931	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.50	276	34097	1.158	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.52	278	27915	1.193	ng/ul#	87
26) Benzo(g,h,i)perylene	26.20	276	29676	1.038	ng/ul#	92

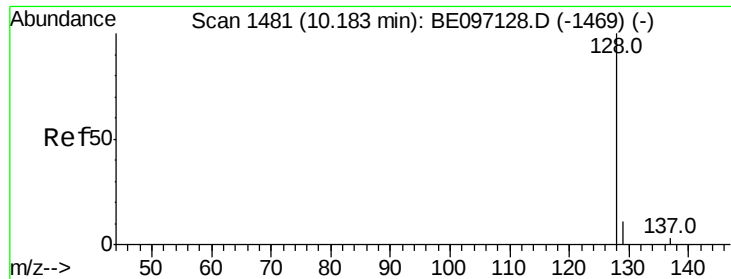
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
ClientSampled :

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#3

Naphthalene

Concen: 0.776 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097129.D

Acq: 1 Aug 2018 14:18

Instrument :

BNA_E

ClientSampleId :

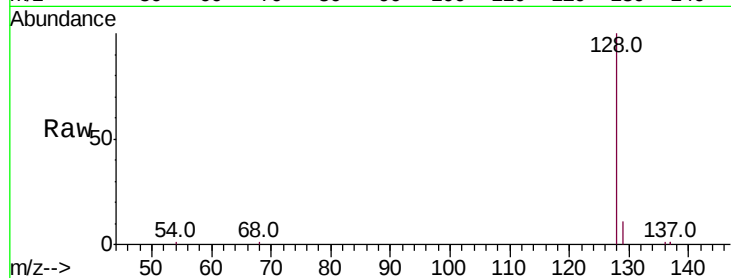
Tot Ion:128 Resp: 12895

Ion Ratio Lower Upper

128 100

129 11.3 11.3 16.9

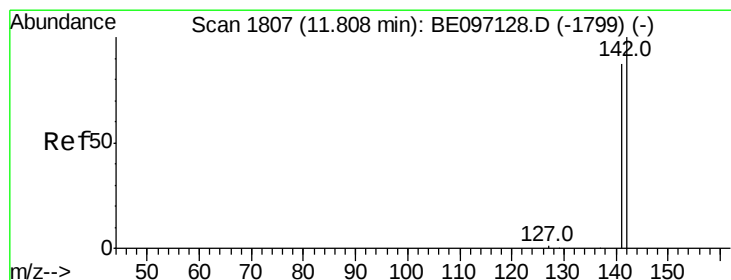
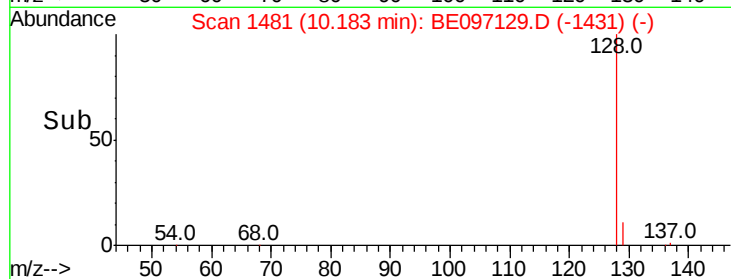
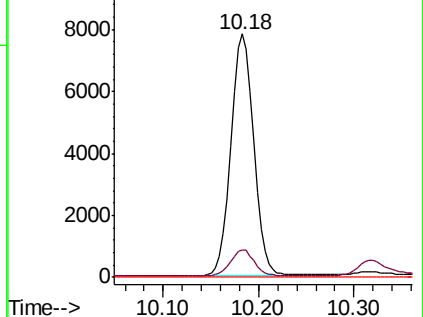
127 0.0 4.0 6.0#



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: 0.769 ng/ul

RT: 11.81 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BE097129.D

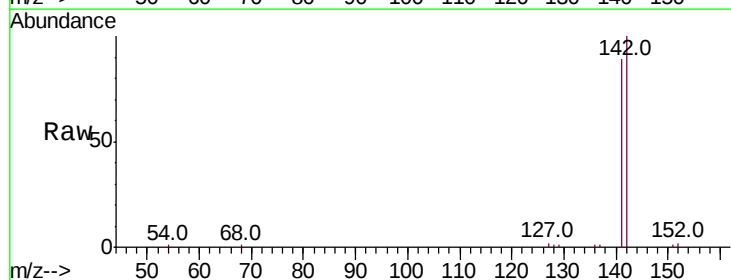
Acq: 1 Aug 2018 14:18

Tgt Ion:142 Resp: 8701

Ion Ratio Lower Upper

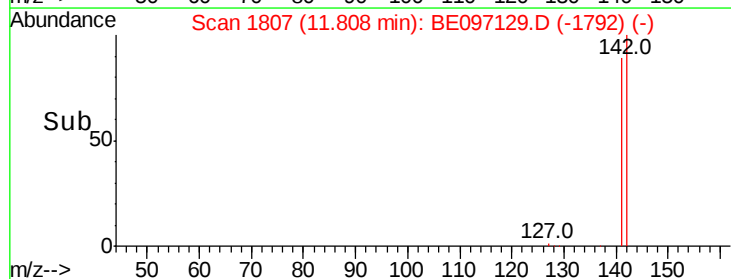
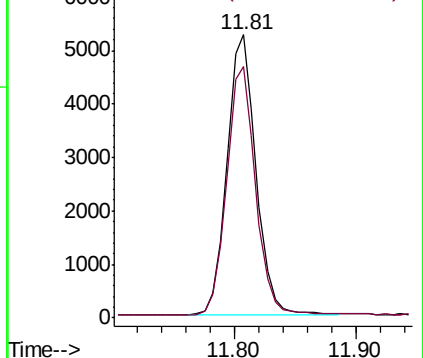
142 100

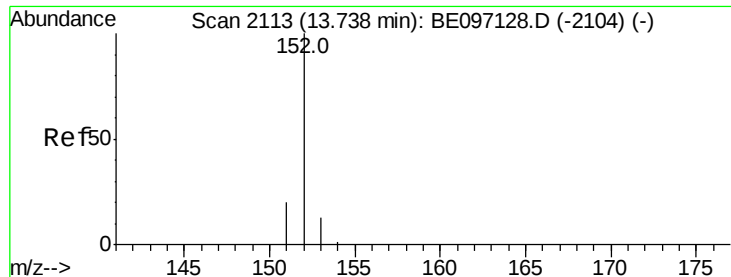
141 89.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.838 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BE097129.D

Acq: 1 Aug 2018 14:18

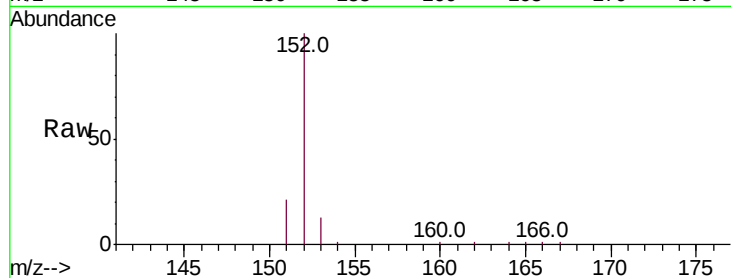
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 12846

Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.1	25.7
153	13.2	12.8	19.2

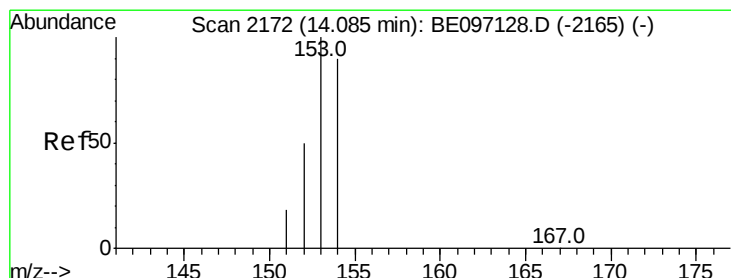
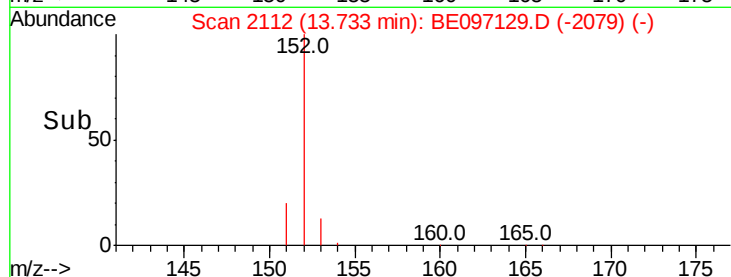
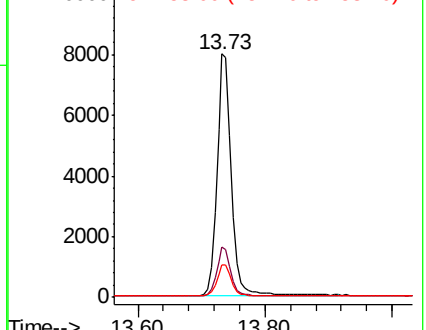


Abundance

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: 0.734 ng/ul

RT: 14.09 min Scan# 2172

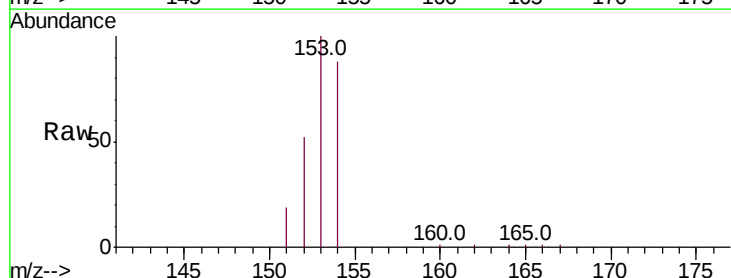
Delta R.T. 0.00 min

Lab File: BE097129.D

Acq: 1 Aug 2018 14:18

Tgt Ion:153 Resp: 9280

Ion	Ratio	Lower	Upper
153	100		
152	52.4	36.0	54.0
154	87.7	72.0	108.0

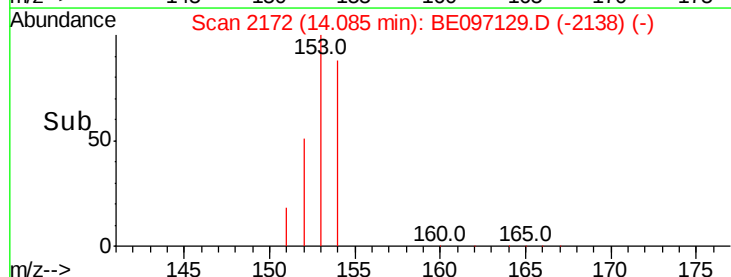
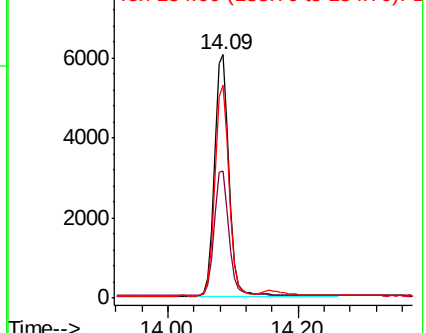


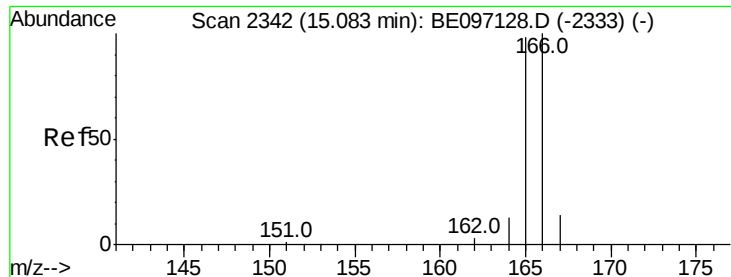
Abundance

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





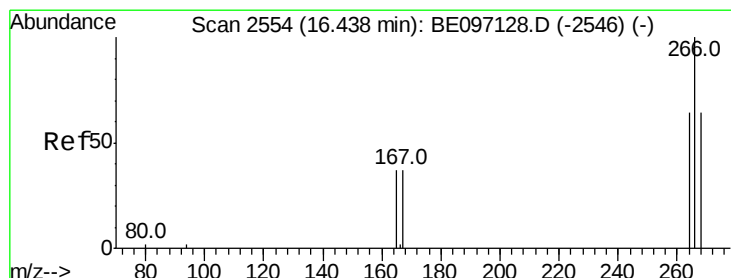
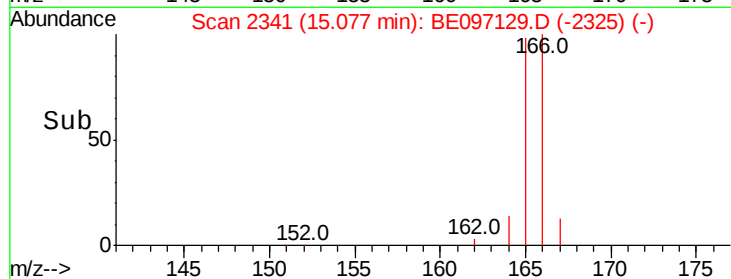
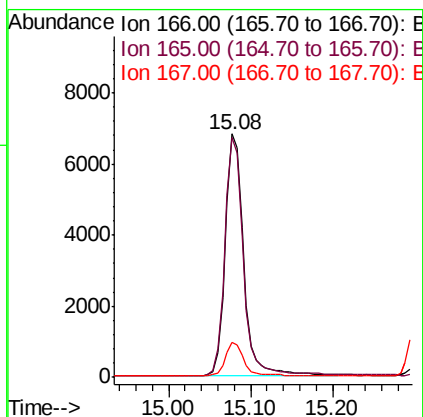
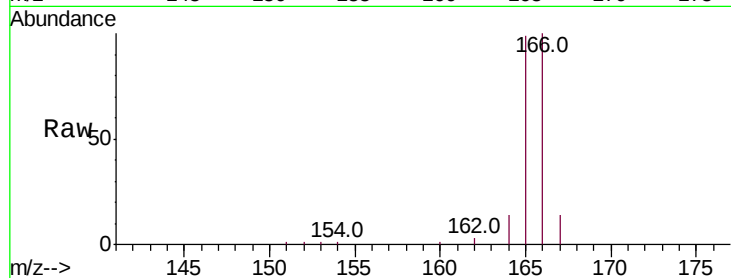
#9

Fluorene

Concen: 0.811 ng/ul
 RT: 15.08 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BE097129.D
 Acq: 1 Aug 2018 14:18

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:166 Resp: 10589
 Ion Ratio Lower Upper
 166 100
 165 98.6 73.4 110.2
 167 14.1 14.6 22.0#

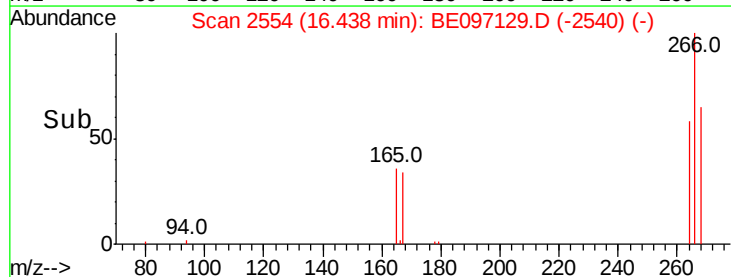
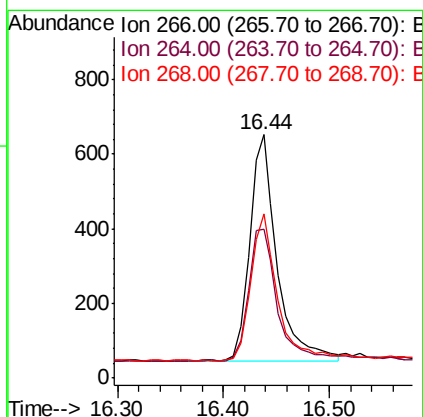
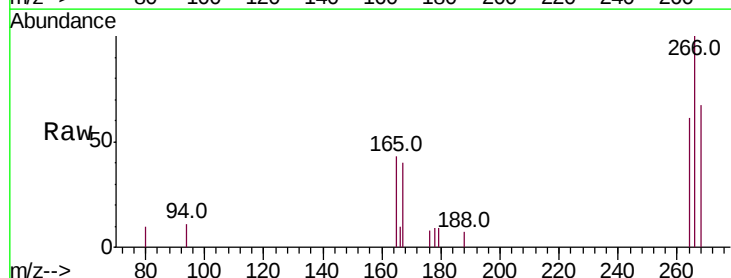


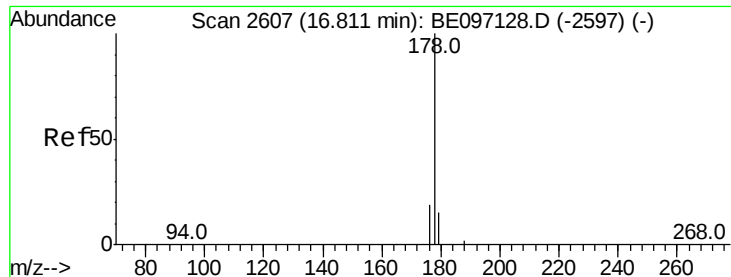
#11

Pentachlorophenol

Concen: 1.654 ng/ul
 RT: 16.44 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: BE097129.D
 Acq: 1 Aug 2018 14:18

Tgt Ion:266 Resp: 1088
 Ion Ratio Lower Upper
 266 100
 264 61.4 47.9 71.9
 268 64.1 49.8 74.8





#12

Phenanthrene

Concen: 0.769 ng/ul

RT: 16.81 min Scan# 2607

Delta R.T. -0.00 min

Lab File: BE097129.D

Acq: 1 Aug 2018 14:18

Instrument :

BNA_E

ClientSampleId :

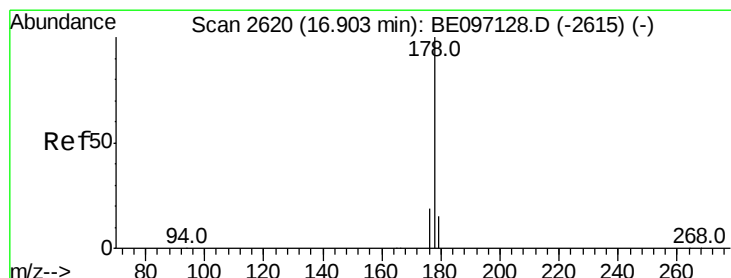
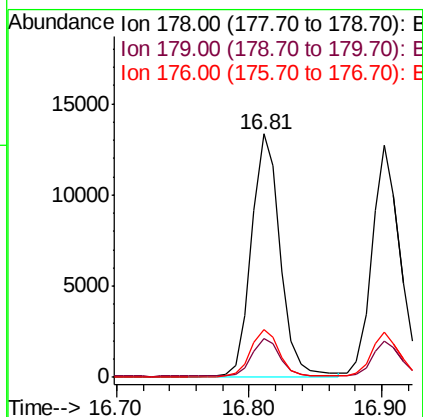
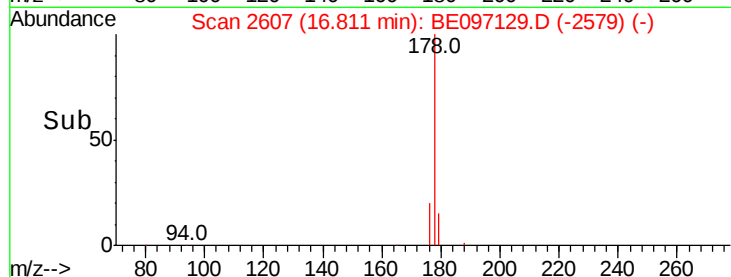
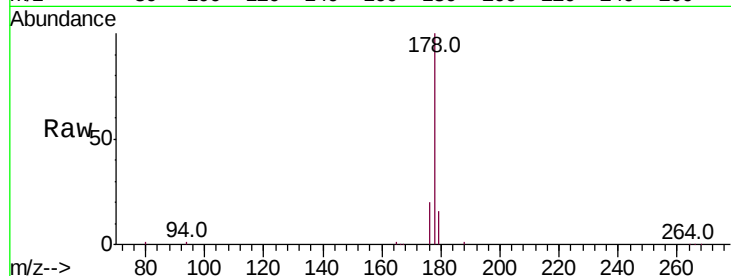
Tot Ion:178 Resp: 19934

Ion Ratio Lower Upper

178 100

179 15.7 18.4 27.6#

176 19.9 13.6 20.4



#13

Anthracene

Concen: 0.860 ng/ul

RT: 16.90 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BE097129.D

Acq: 1 Aug 2018 14:18

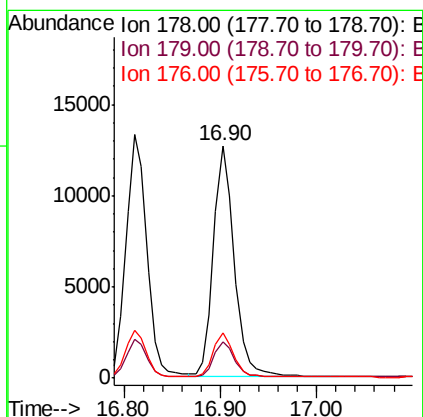
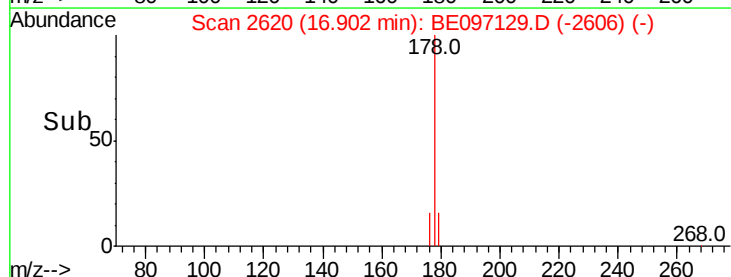
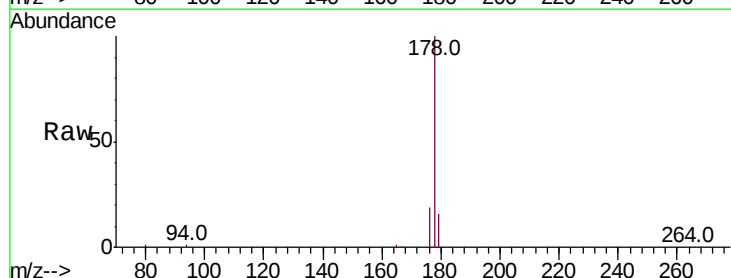
Tgt Ion:178 Resp: 18922

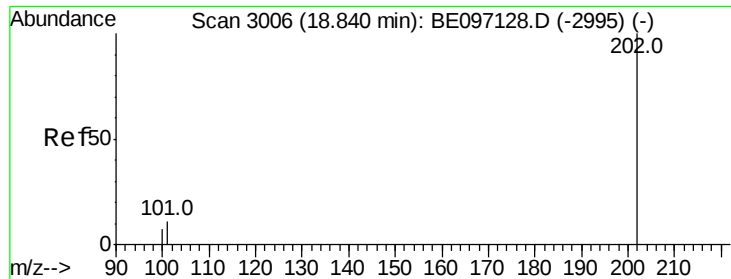
Ion Ratio Lower Upper

178 100

179 15.7 18.1 27.1#

176 19.4 14.7 22.1

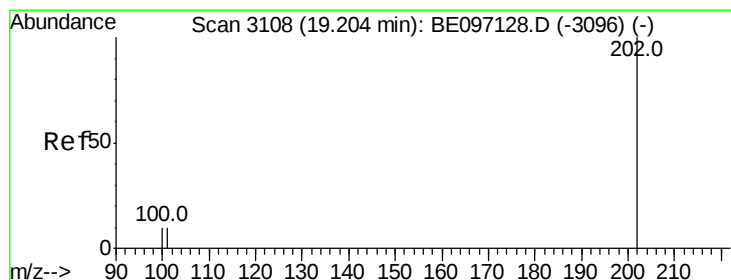
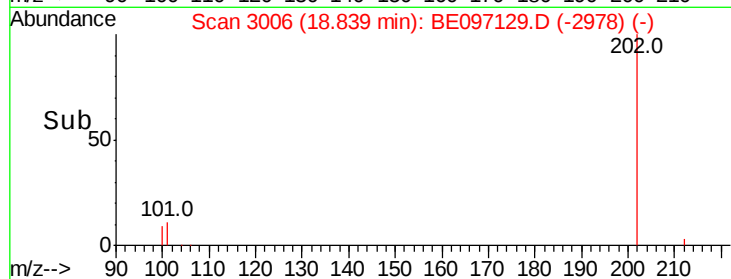
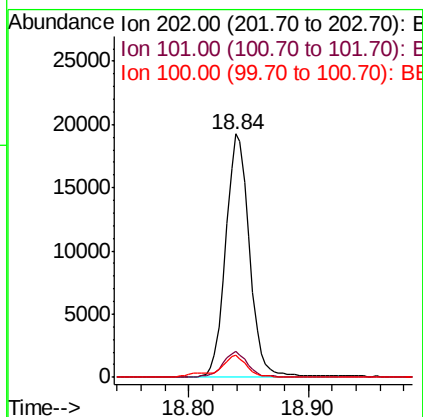
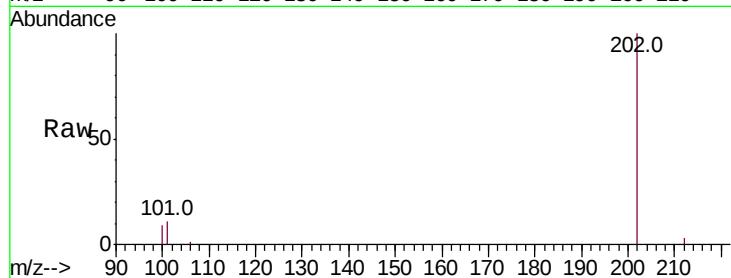




#15
Fluoranthene
 Concen: 0.951 ng/ul
 RT: 18.84 min Scan# 3006
 Delta R.T. -0.00 min
 Lab File: BE097129.D
 Acq: 1 Aug 2018 14:18

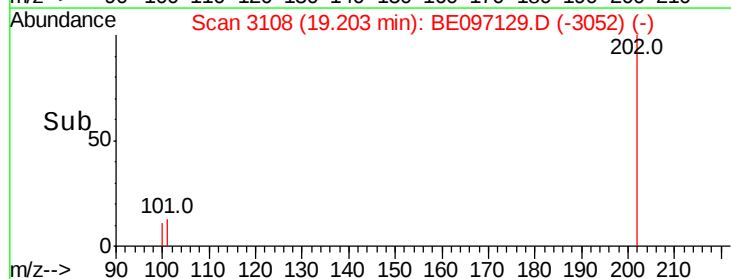
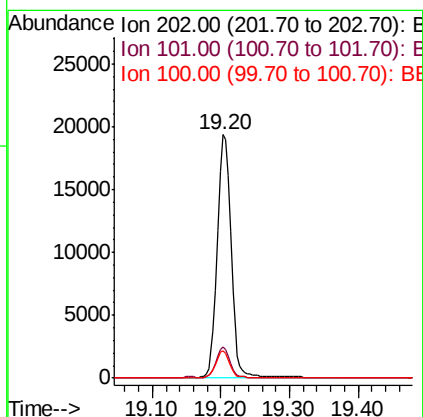
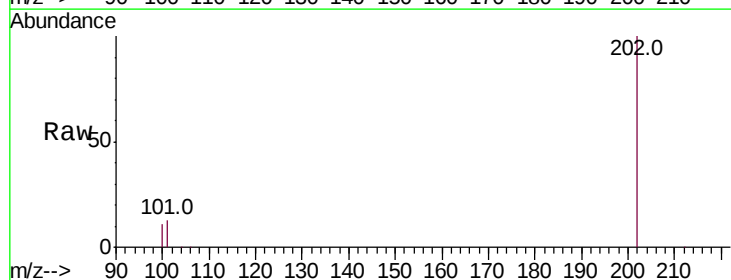
Instrument :
 BNA_E
 ClientSampleId :

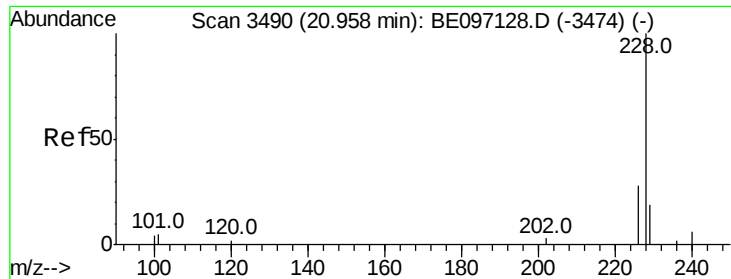
Tot Ion:202 Resp: 26249
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 30.3
 100 8.9 0.0 39.5



#17
Pyrene
 Concen: 0.635 ng/ul
 RT: 19.20 min Scan# 3108
 Delta R.T. -0.00 min
 Lab File: BE097129.D
 Acq: 1 Aug 2018 14:18

Tgt Ion:202 Resp: 26410
 Ion Ratio Lower Upper
 202 100
 101 12.9 18.2 27.4#
 100 11.2 15.6 23.4#

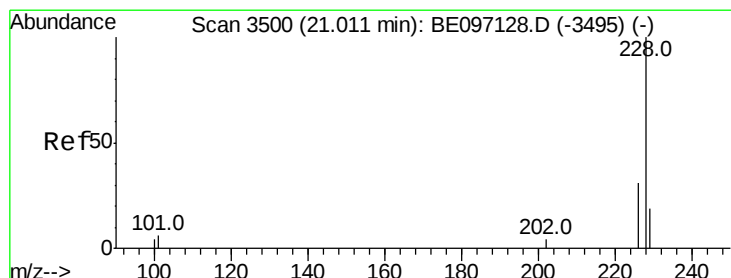
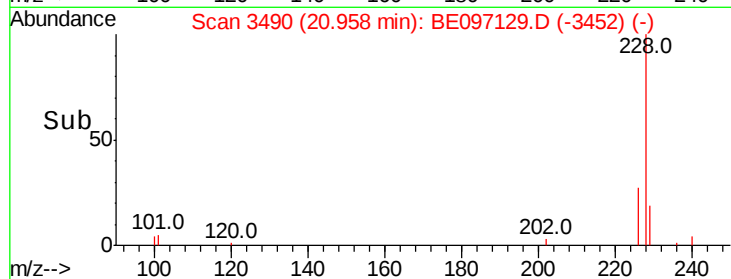
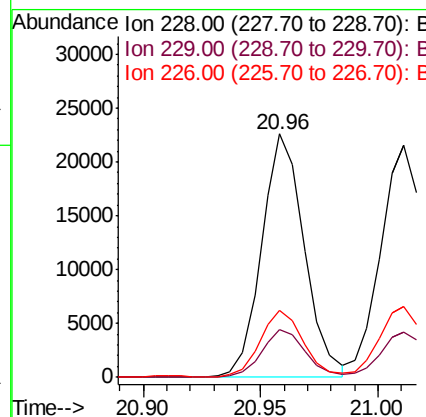
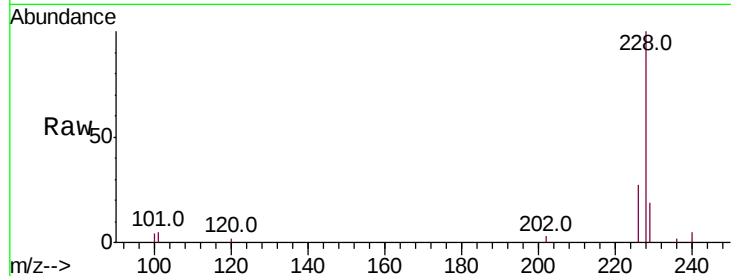




#18
Benzo(a)anthracene
Concen: 0.949 ng/ul
RT: 20.96 min Scan# 3490
Delta R.T. 0.00 min
Lab File: BE097129.D
Acq: 1 Aug 2018 14:18

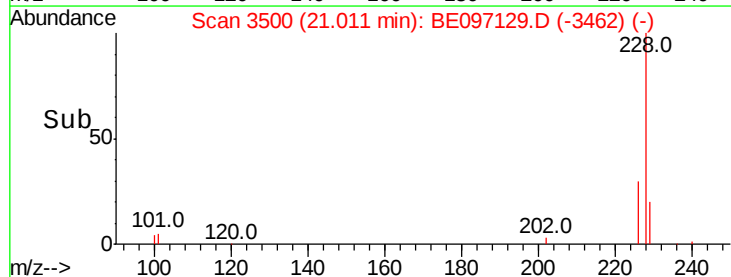
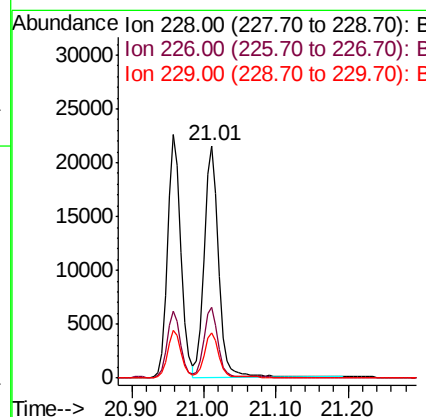
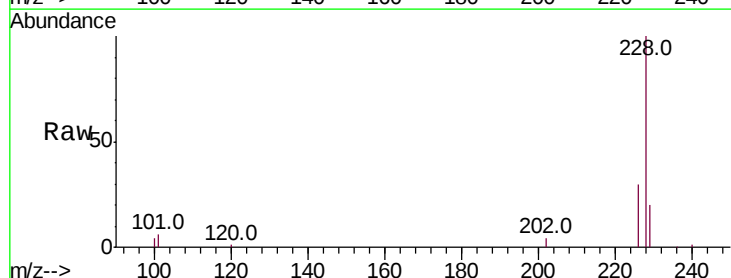
Instrument :
BNA_E
ClientSampleId :

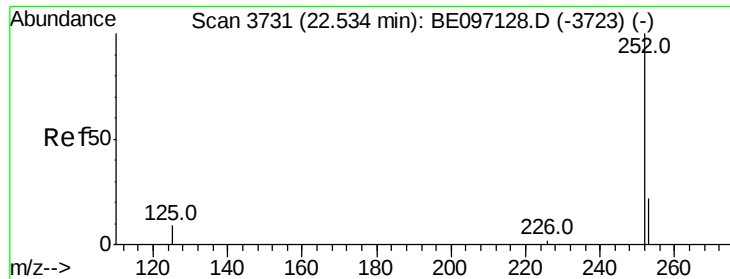
Tot Ion:228 Resp: 28373
Ion Ratio Lower Upper
228 100
229 19.5 22.8 34.2#
226 27.3 17.0 25.6#



#19
Chrysene
Concen: 0.764 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BE097129.D
Acq: 1 Aug 2018 14:18

Tgt Ion:228 Resp: 29566
Ion Ratio Lower Upper
228 100
226 30.4 23.4 35.0
229 19.7 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.803 ng/ul

RT: 22.53 min Scan# 3731

Delta R.T. -0.00 min

Lab File: BE097129.D

Acq: 1 Aug 2018 14:18

Instrument :

BNA_E

ClientSampleId :

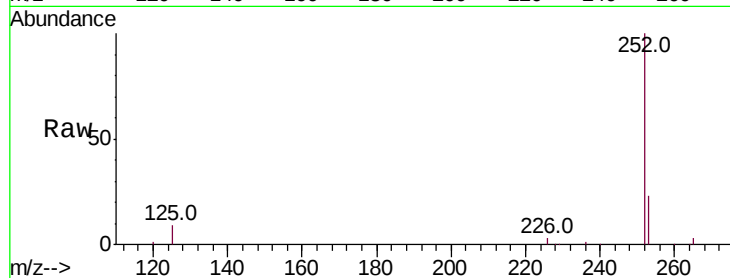
Tot Ion:252 Resp: 26932

Ion Ratio Lower Upper

252 100

253 22.5 0.0 64.2

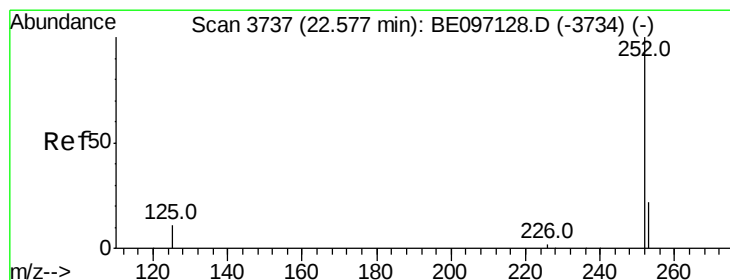
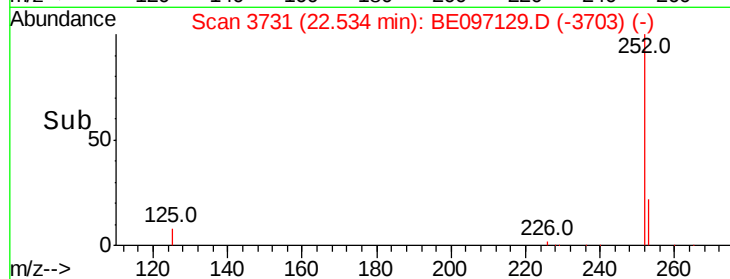
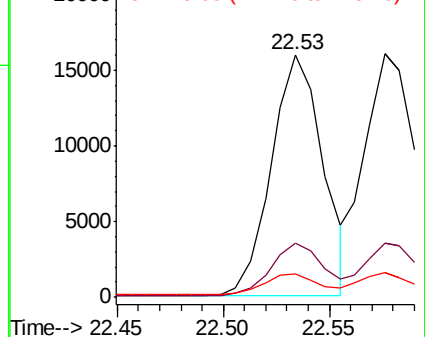
125 9.4 0.0 35.0



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: 0.779 ng/ul

RT: 22.58 min Scan# 3737

Delta R.T. -0.00 min

Lab File: BE097129.D

Acq: 1 Aug 2018 14:18

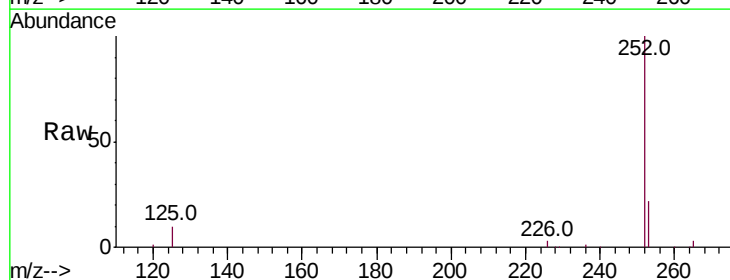
Tgt Ion:252 Resp: 28535

Ion Ratio Lower Upper

252 100

253 22.4 24.5 36.7#

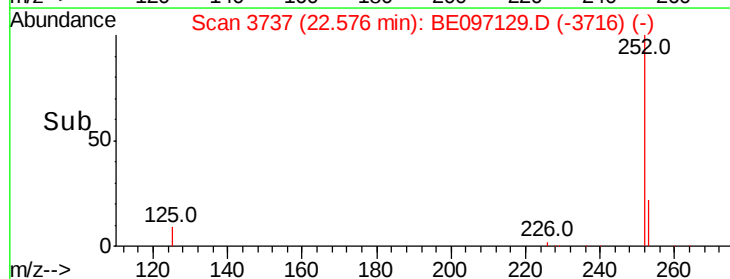
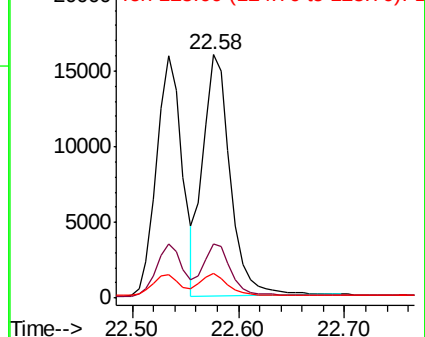
125 10.3 13.7 20.5#

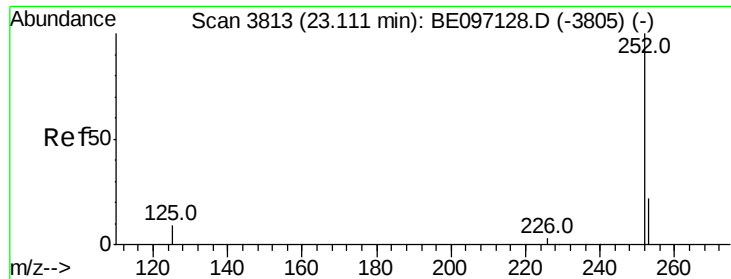


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.931 ng/ul

RT: 23.11 min Scan# 3813

Delta R.T. -0.00 min

Lab File: BE097129.D

Acq: 1 Aug 2018 14:18

Instrument :

BNA_E

ClientSampleId :

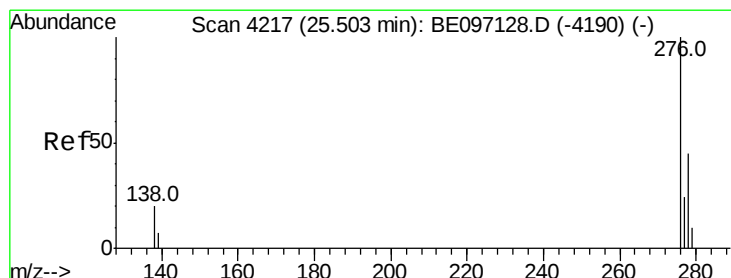
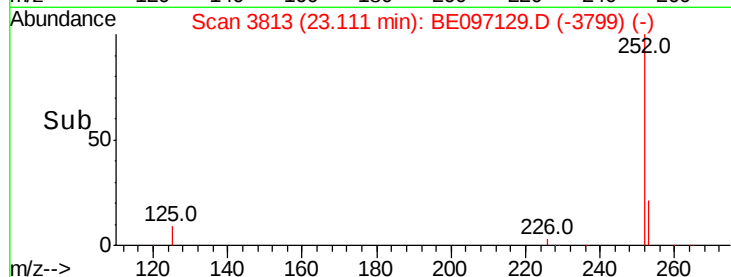
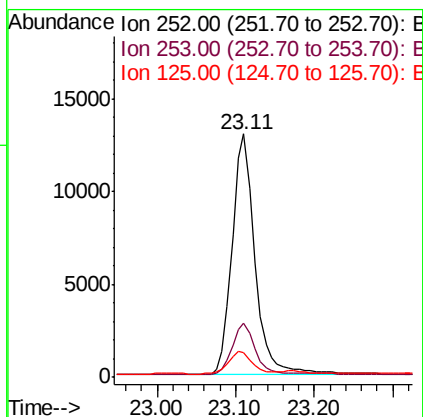
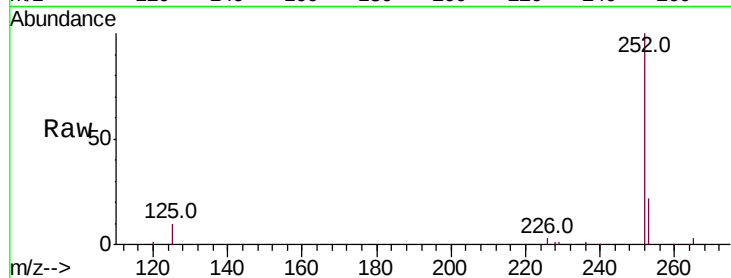
Tot Ion:252 Resp: 26402

Ion Ratio Lower Upper

252 100

253 22.3 28.5 42.7#

125 10.2 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.158 ng/ul

RT: 25.50 min Scan# 4216

Delta R.T. -0.00 min

Lab File: BE097129.D

Acq: 1 Aug 2018 14:18

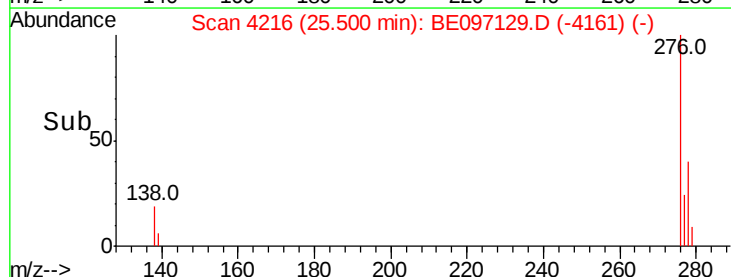
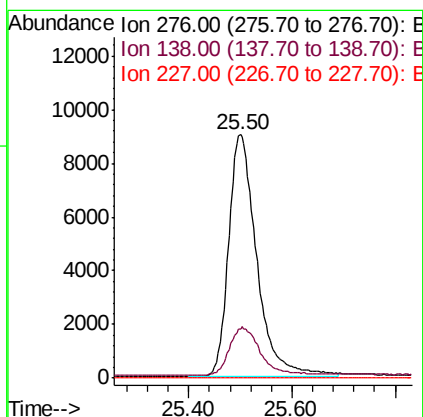
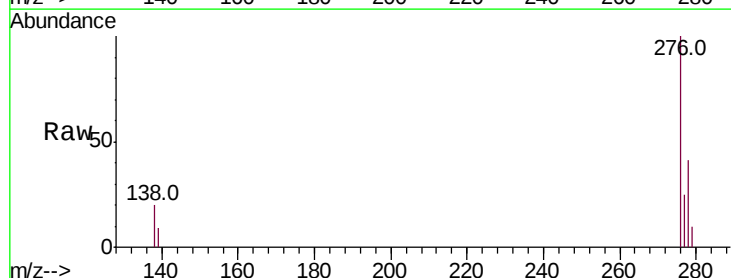
Tgt Ion:276 Resp: 34097

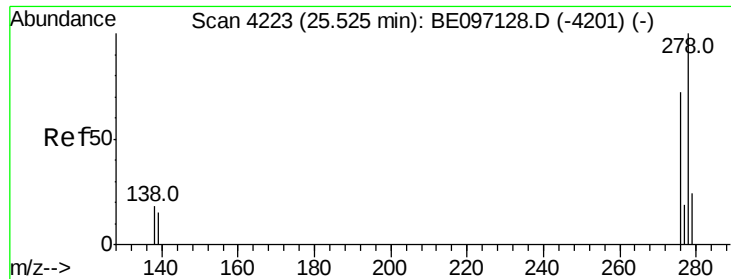
Ion Ratio Lower Upper

276 100

138 21.6 28.0 42.0#

227 0.0 8.0 12.0#

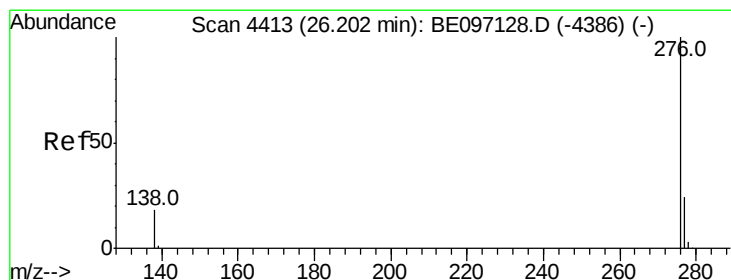
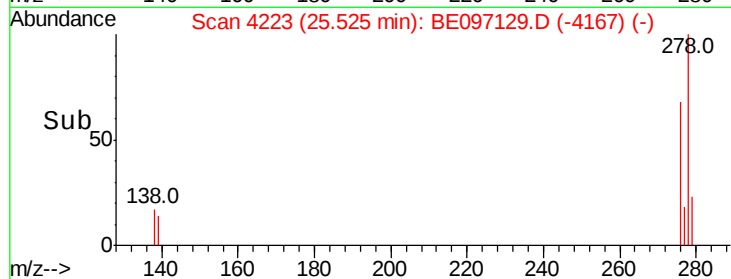
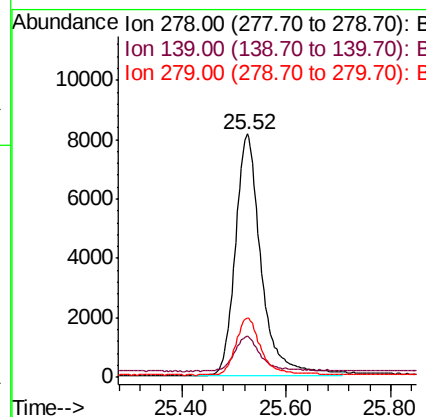
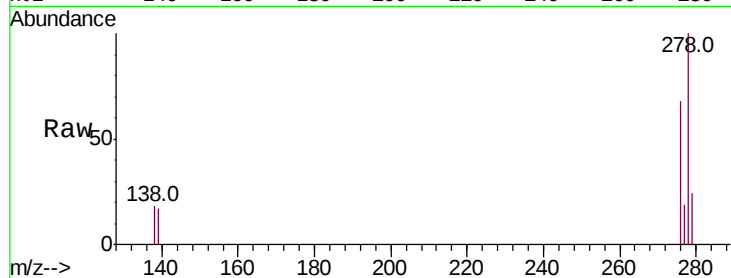




#25
Dibenzo(a,h)anthracene
Concen: 1.193 ng/ul
RT: 25.52 min Scan# 4223
Delta R.T. 0.00 min
Lab File: BE097129.D
Acq: 1 Aug 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 27915
Ion Ratio Lower Upper
278 100
139 16.9 17.4 26.0#
279 24.2 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 1.038 ng/ul
RT: 26.20 min Scan# 4411
Delta R.T. -0.01 min
Lab File: BE097129.D
Acq: 1 Aug 2018 14:18

Tgt Ion:276 Resp: 29676
Ion Ratio Lower Upper
276 100
138 20.3 21.8 32.8#
277 24.3 20.5 30.7

