

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097181.D
 Acq On : 3 Aug 2018 14:55
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 03 16:14:31 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 : Fri Aug 03 11:26:05 2018
 Response via : Initial Calibration

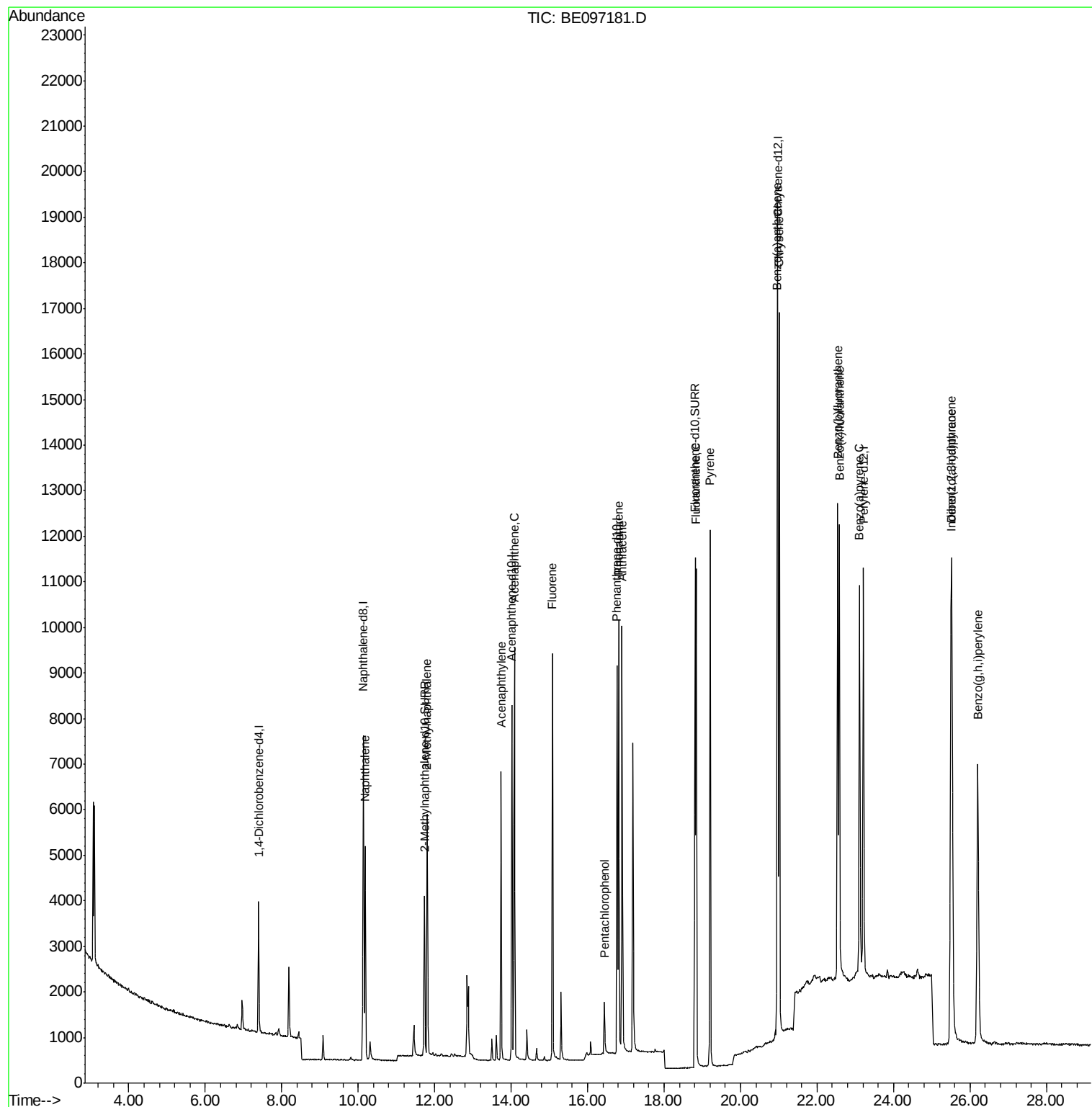
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1404	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7394	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4289	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	10454	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	11465	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	11839	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	4770	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	12775	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	6870	0.384	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	4695	0.397	ng/ul	99
7) Acenaphthylene	13.74	152	7408	0.399	ng/ul	96
8) Acenaphthene	14.08	153	5281	0.394	ng/ul	95
9) Fluorene	15.08	166	6013	0.390	ng/ul	92
11) Pentachlorophenol	16.44	266	625	0.417	ng/ul	95
12) Phenanthrene	16.81	178	10349	0.388	ng/ul#	88
13) Anthracene	16.90	178	10164	0.409	ng/ul#	91
15) Fluoranthene	18.84	202	12418	0.353	ng/ul	83
17) Pyrene	19.21	202	12646	0.412	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	13319	0.407	ng/ul#	86
19) Chrysene	21.01	228	13189	0.391	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	12907	0.400	ng/ul	87
22) Benzo(k)fluoranthene	22.58	252	13633	0.392	ng/ul#	90
23) Benzo(a)pyrene	23.11	252	12894	0.399	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.50	276	16317	0.404	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.53	278	13555	0.410	ng/ul	90
26) Benzo(g,h,i)perylene	26.21	276	13868	0.397	ng/ul#	92

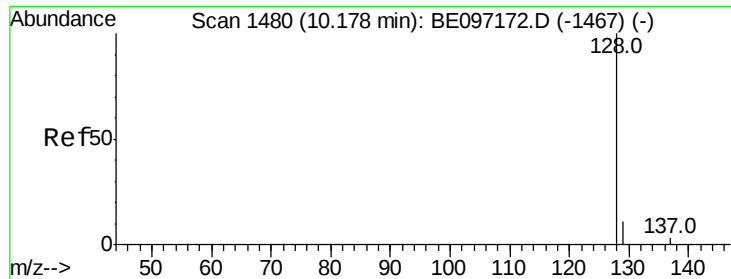
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 03 11:26:05 2018
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#3

Naphthalene

Concen: 0.384 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097181.D

Acq: 3 Aug 2018 14:55

Instrument :

BNA_E

ClientSampleId :

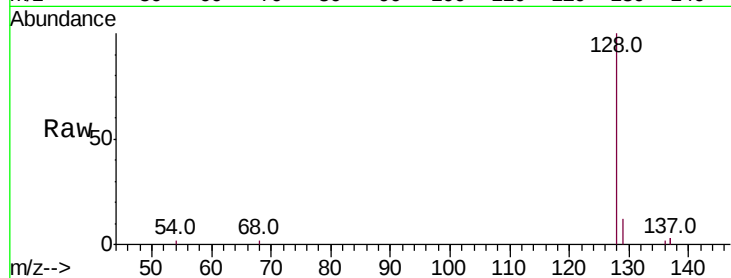
Tot Ion:128 Resp: 6870

Ion Ratio Lower Upper

128 100

129 12.2 11.3 16.9

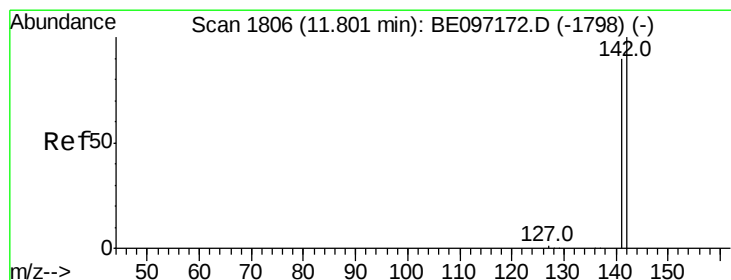
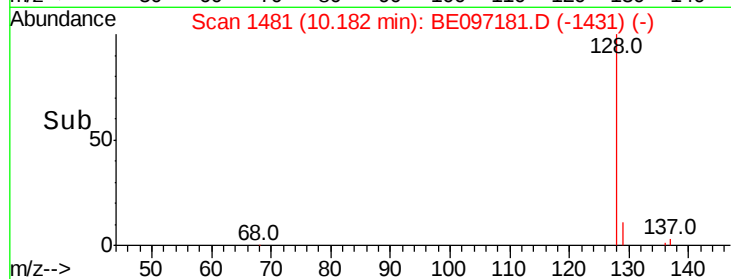
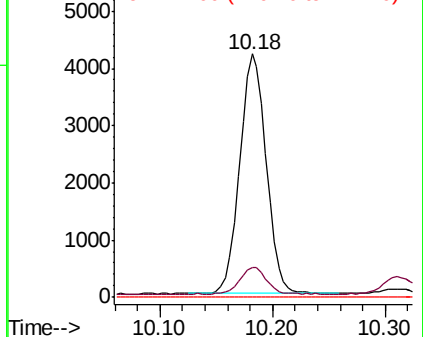
127 0.0 4.0 6.0#



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: 0.397 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BE097181.D

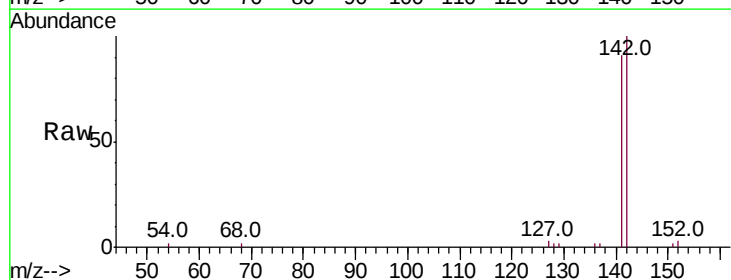
Acq: 3 Aug 2018 14:55

Tgt Ion:142 Resp: 4695

Ion Ratio Lower Upper

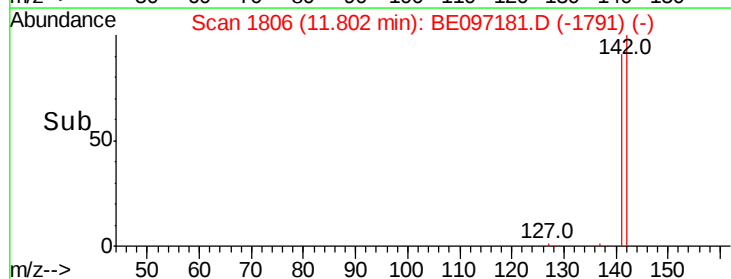
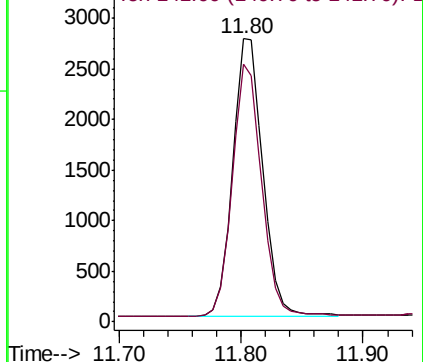
142 100

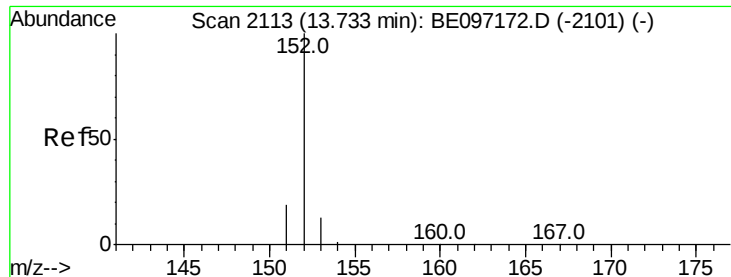
141 89.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.399 ng/ul

RT: 13.74 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE097181.D

Acq: 3 Aug 2018 14:55

Instrument :

BNA_E

ClientSampleId :

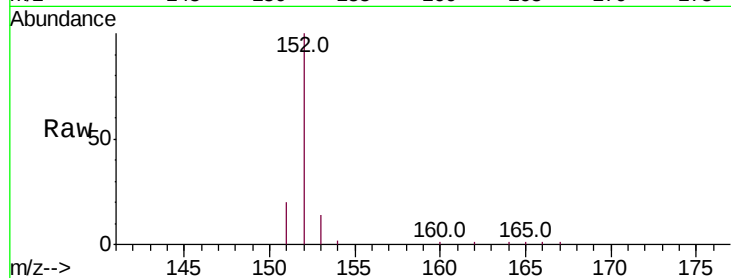
Tot Ion:152 Resp: 7408

Ion Ratio Lower Upper

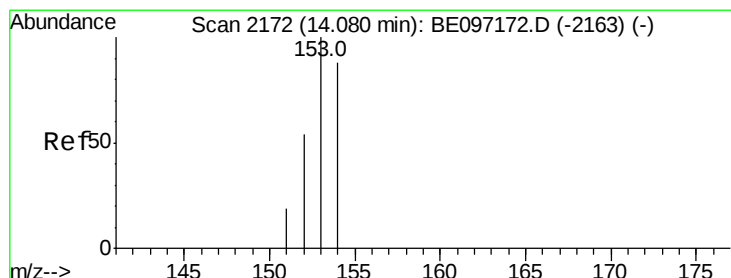
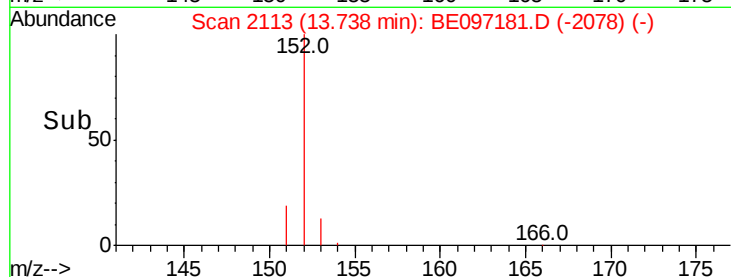
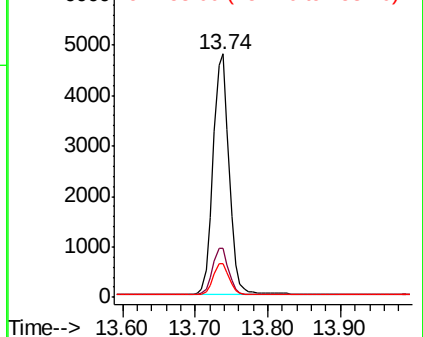
152 100

151 19.9 17.1 25.7

153 13.6 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: 0.394 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BE097181.D

Acq: 3 Aug 2018 14:55

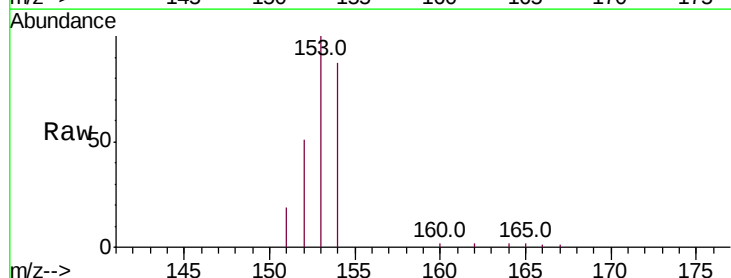
Tgt Ion:153 Resp: 5281

Ion Ratio Lower Upper

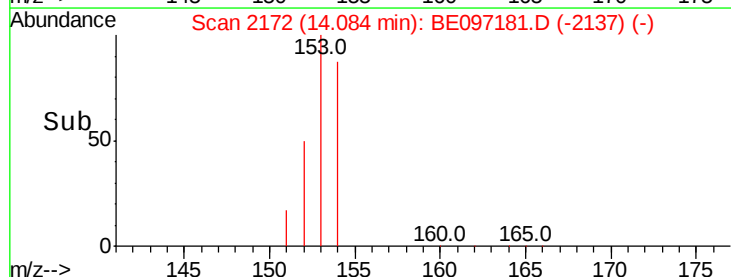
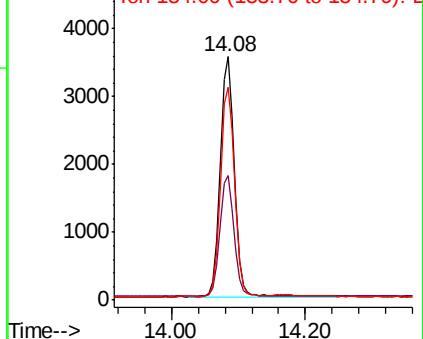
153 100

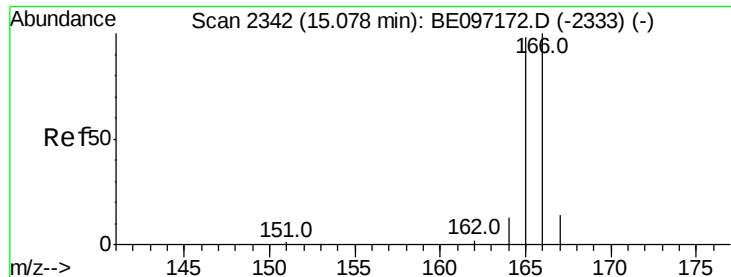
152 51.3 36.0 54.0

154 87.3 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



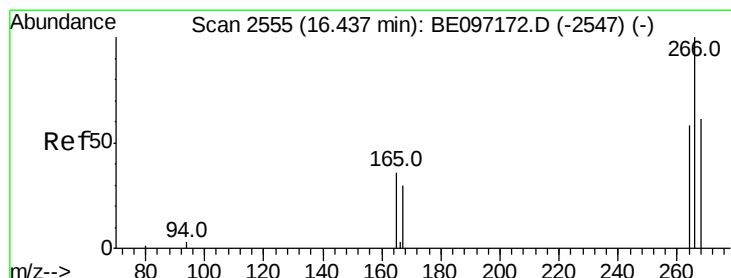
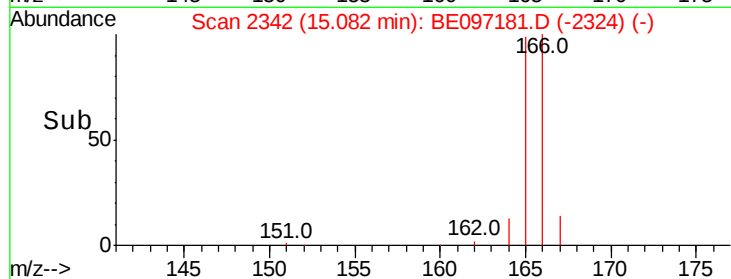
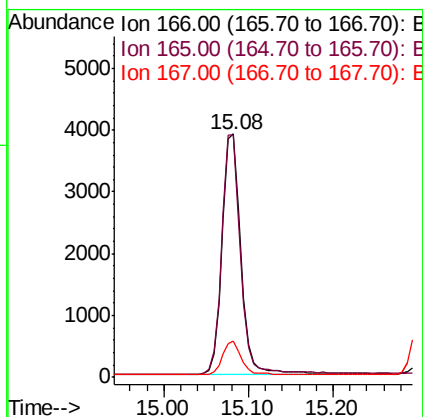
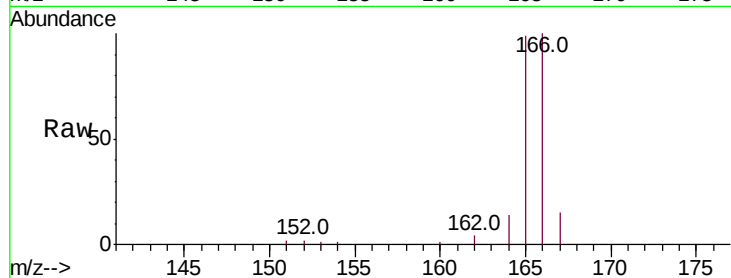


#9
Fluorene
 Concen: 0.390 ng/ul
 RT: 15.08 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BE097181.D
 Acq: 3 Aug 2018 14:55

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:166 Resp: 6013

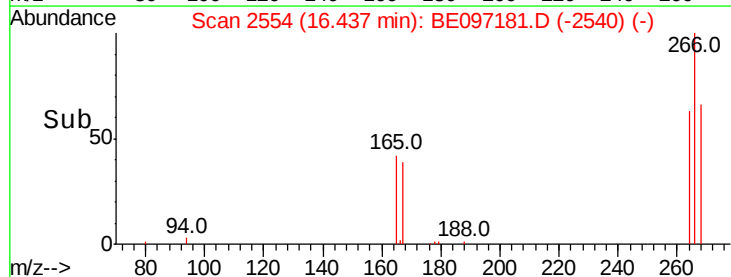
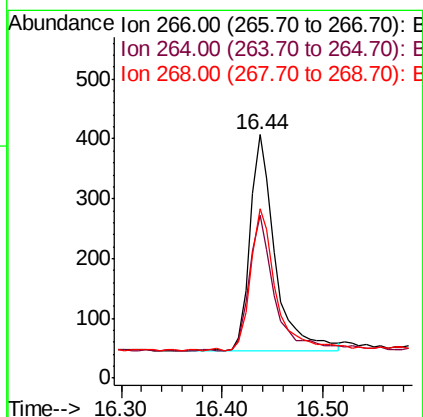
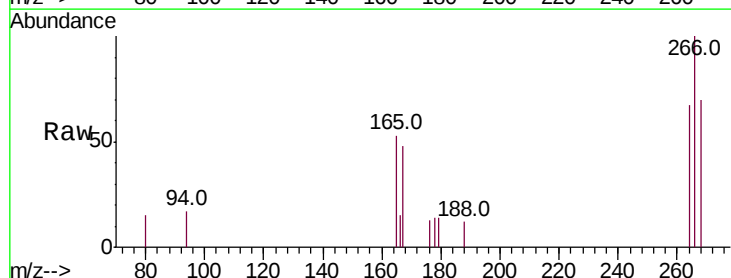
Ion	Ratio	Lower	Upper
166	100		
165	99.3	73.4	110.2
167	15.0	14.6	22.0

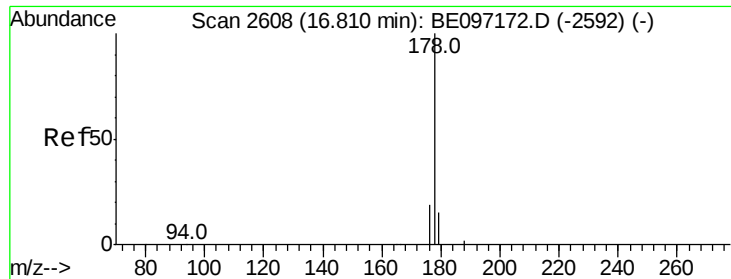


#11
Pentachlorophenol
 Concen: 0.417 ng/ul
 RT: 16.44 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: BE097181.D
 Acq: 3 Aug 2018 14:55

Tgt Ion:266 Resp: 625

Ion	Ratio	Lower	Upper
266	100		
264	62.6	47.9	71.9
268	67.0	49.8	74.8





#12

Phenanthrene

Concen: 0.388 ng/ul

RT: 16.81 min Scan# 2607

Delta R.T. -0.00 min

Lab File: BE097181.D

Acq: 3 Aug 2018 14:55

Instrument :

BNA_E

ClientSampled :

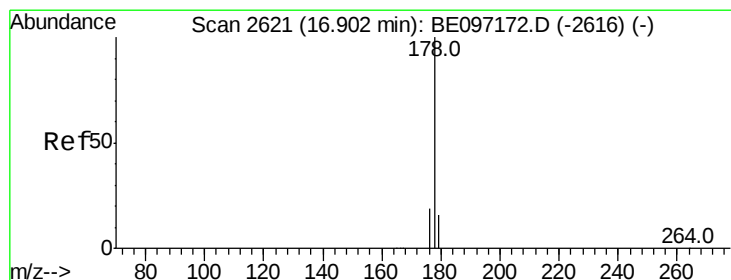
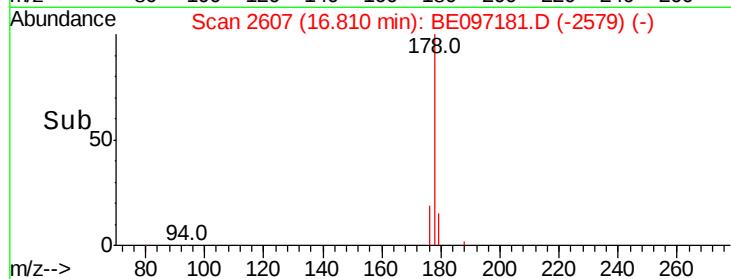
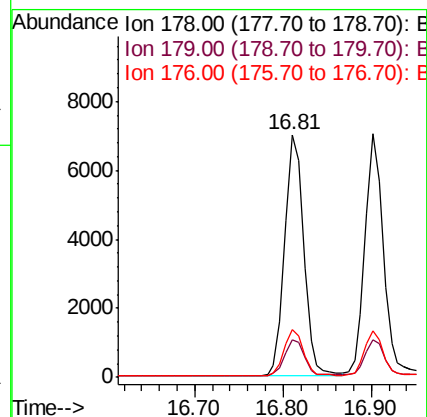
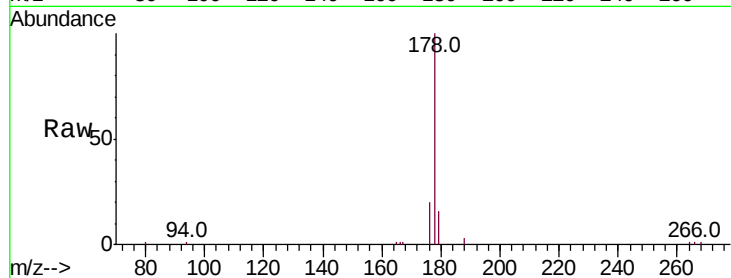
Tot Ion:178 Resp: 10349

Ion Ratio Lower Upper

178 100

179 15.5 18.4 27.6#

176 19.8 13.6 20.4



#13

Anthracene

Concen: 0.409 ng/ul

RT: 16.90 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BE097181.D

Acq: 3 Aug 2018 14:55

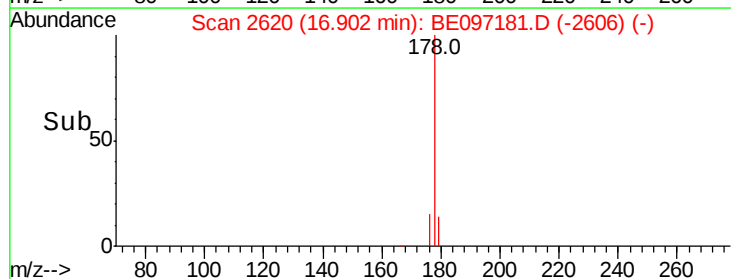
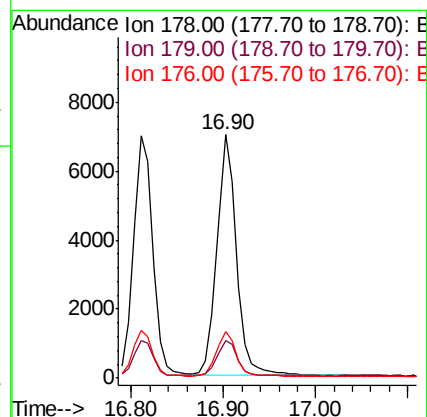
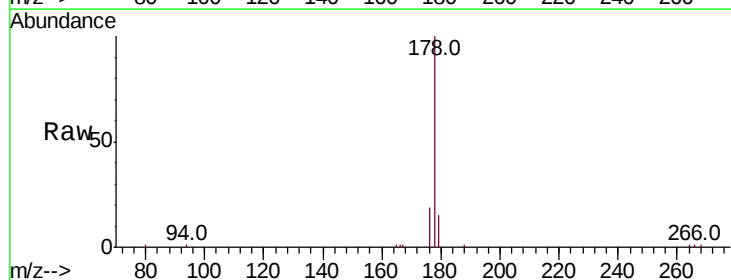
Tgt Ion:178 Resp: 10164

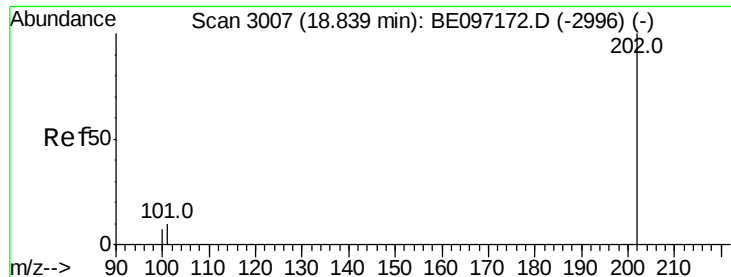
Ion Ratio Lower Upper

178 100

179 15.4 18.1 27.1#

176 19.2 14.7 22.1

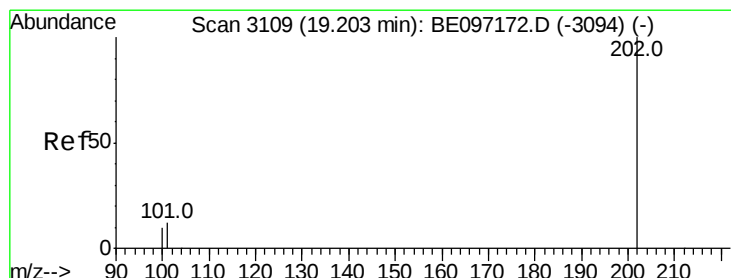
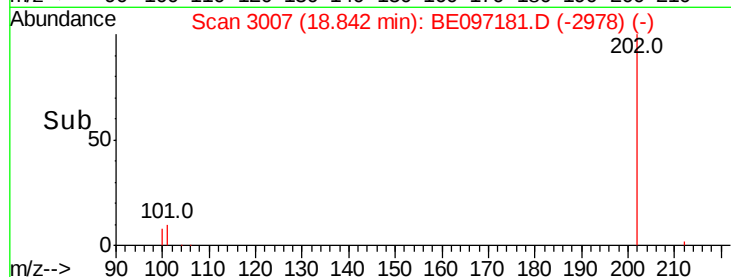
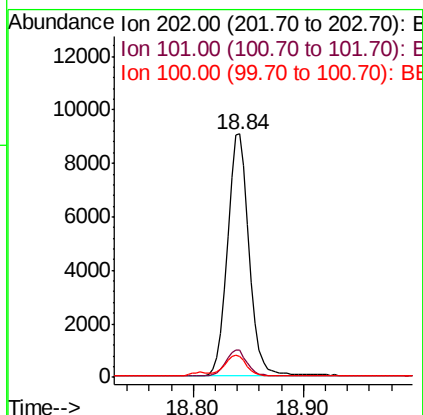
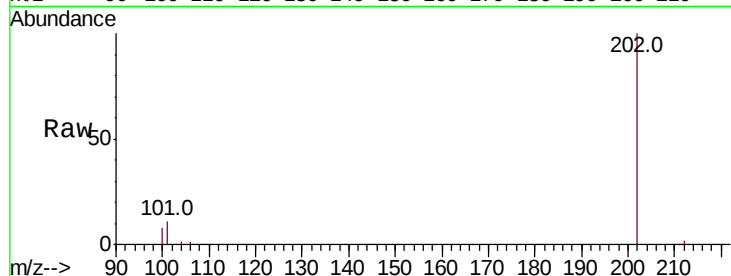




#15
Fluoranthene
Concen: 0.353 ng/ul
RT: 18.84 min Scan# 3007
Delta R.T. 0.00 min
Lab File: BE097181.D
Acq: 3 Aug 2018 14:55

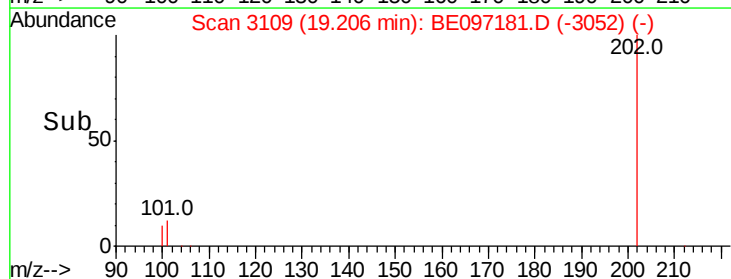
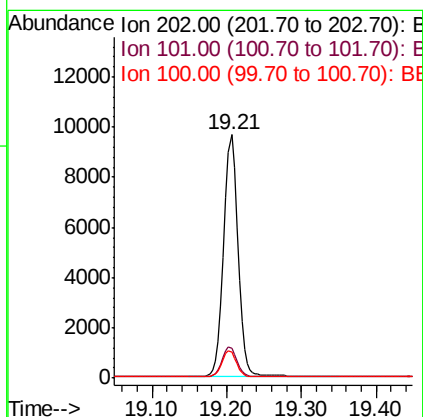
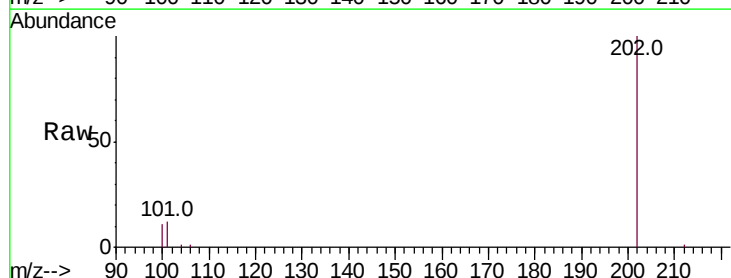
Instrument :
BNA_E
ClientSampleId :

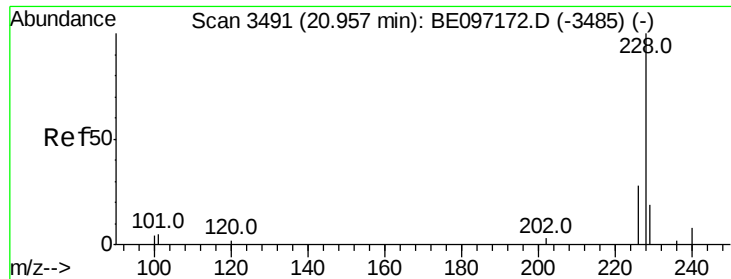
Tot Ion:202 Resp: 12418
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.3
100 8.4 0.0 39.5



#17
Pyrene
Concen: 0.412 ng/ul
RT: 19.21 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BE097181.D
Acq: 3 Aug 2018 14:55

Tgt Ion:202 Resp: 12646
Ion Ratio Lower Upper
202 100
101 12.3 18.2 27.4#
100 10.6 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.407 ng/ul

RT: 20.96 min Scan# 3491

Delta R.T. 0.01 min

Lab File: BE097181.D

Acq: 3 Aug 2018 14:55

Instrument :

BNA_E

ClientSampleId :

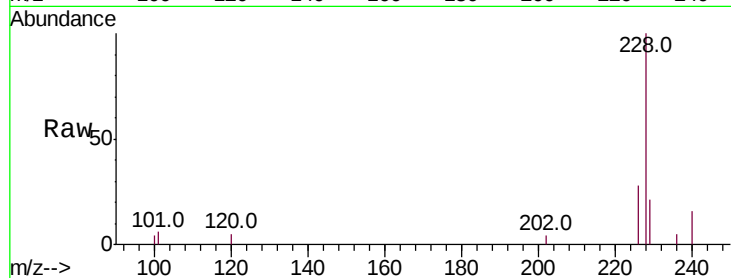
Tot Ion:228 Resp: 13319

Ion Ratio Lower Upper

228 100

229 20.9 22.8 34.2#

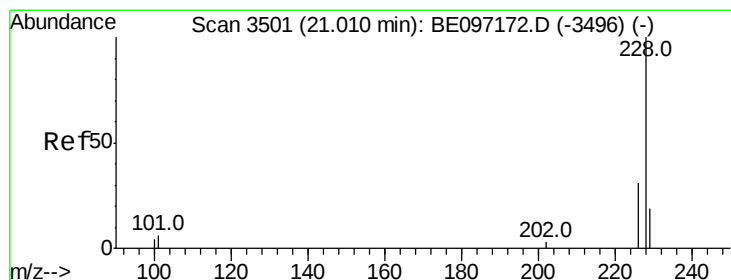
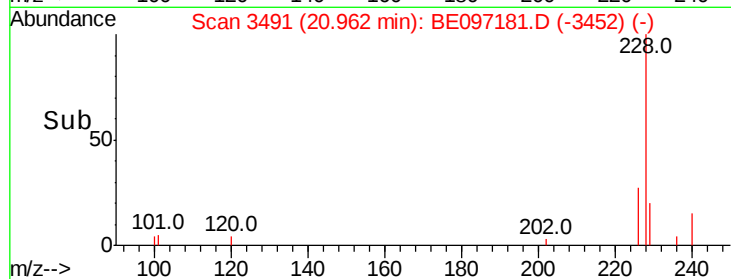
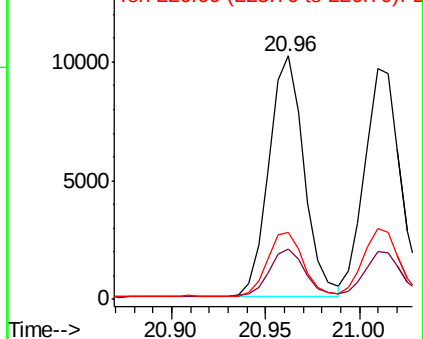
226 27.6 17.0 25.6#



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: 0.391 ng/ul

RT: 21.01 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BE097181.D

Acq: 3 Aug 2018 14:55

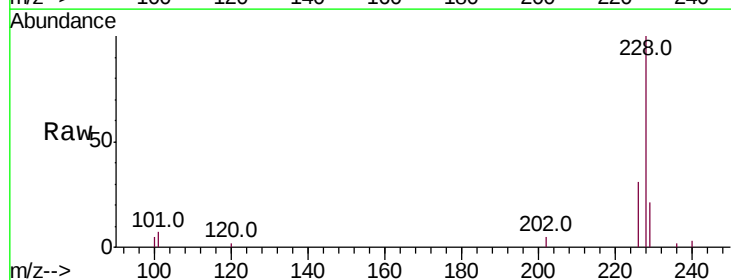
Tgt Ion:228 Resp: 13189

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

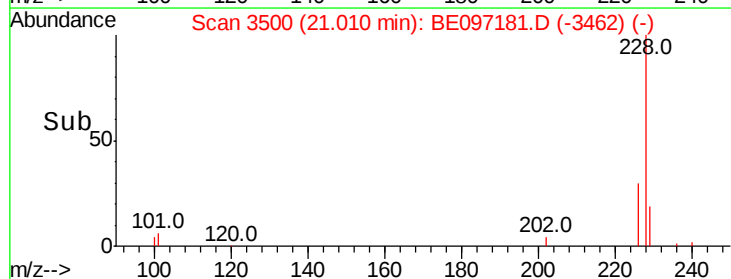
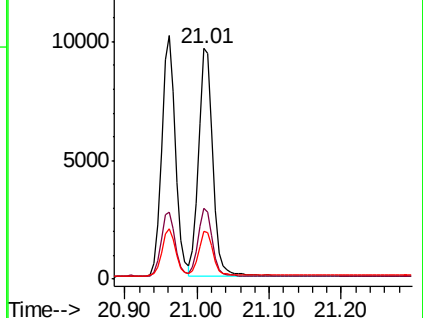
229 20.5 17.7 26.5

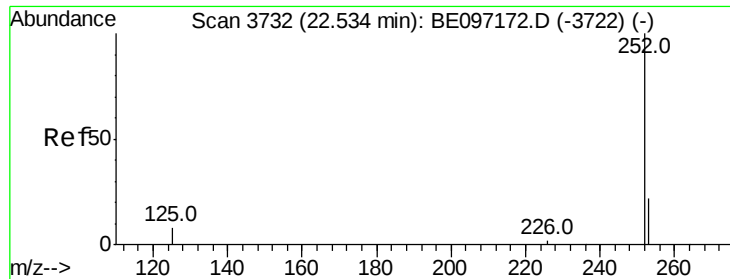


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

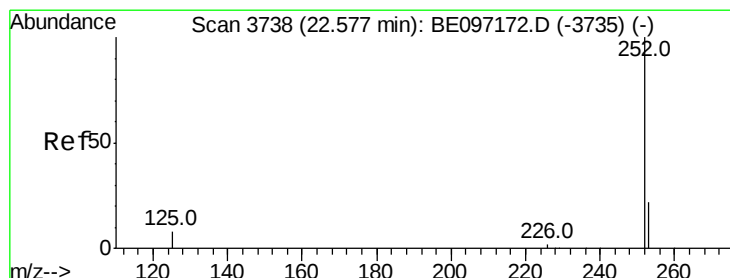
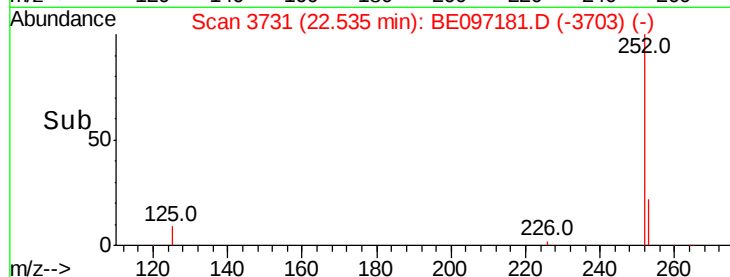
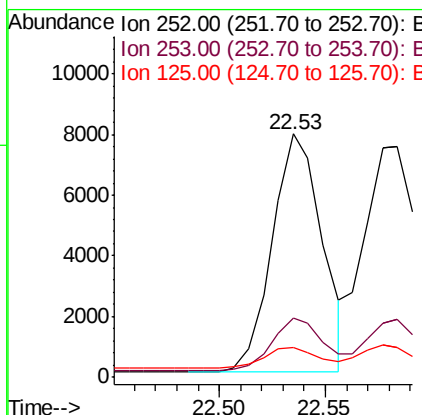
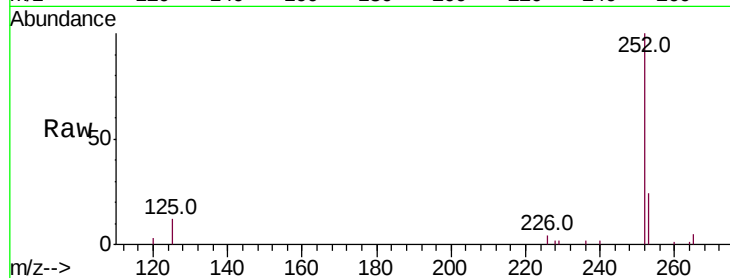




#21
Benzo(b)fluoranthene
Concen: 0.400 ng/ul
RT: 22.53 min Scan# 3731
Delta R.T. 0.00 min
Lab File: BE097181.D
Acq: 3 Aug 2018 14:55

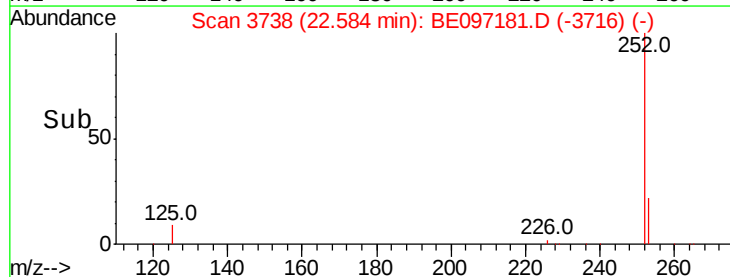
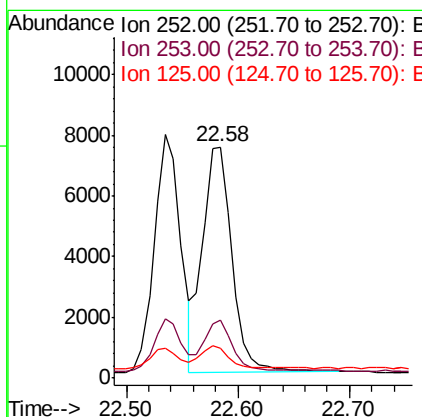
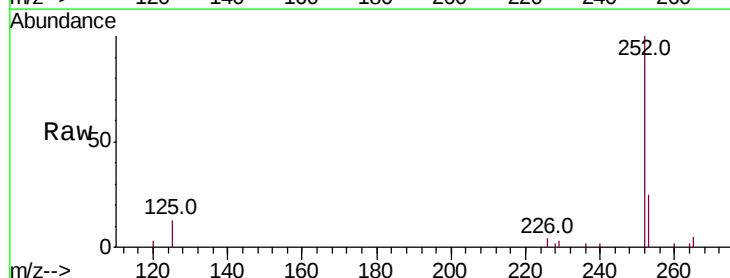
Instrument :
BNA_E
ClientSampled :

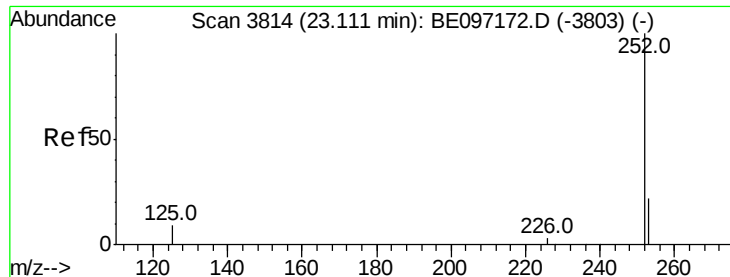
Tot Ion:252 Resp: 12907
Ion Ratio Lower Upper
252 100
253 24.1 0.0 64.2
125 12.5 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.392 ng/ul
RT: 22.58 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BE097181.D
Acq: 3 Aug 2018 14:55

Tgt Ion:252 Resp: 13633
Ion Ratio Lower Upper
252 100
253 24.9 24.5 36.7
125 12.7 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.399 ng/ul

RT: 23.11 min Scan# 3813

Delta R.T. 0.00 min

Lab File: BE097181.D

Acq: 3 Aug 2018 14:55

Instrument :

BNA_E

ClientSampleId :

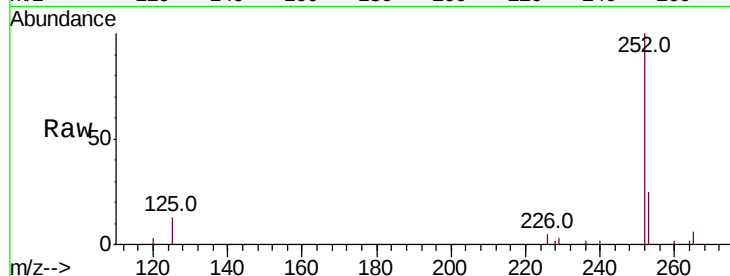
Tot Ion:252 Resp: 12894

Ion Ratio Lower Upper

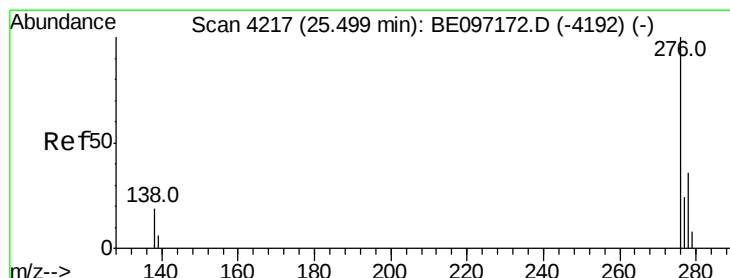
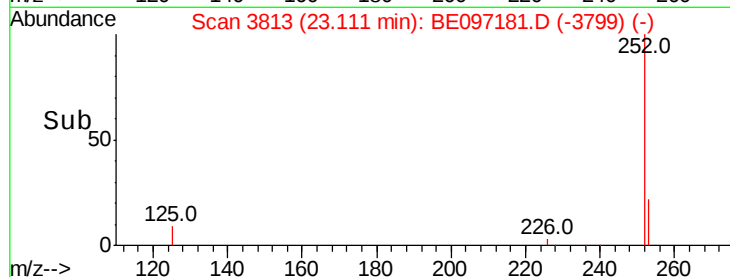
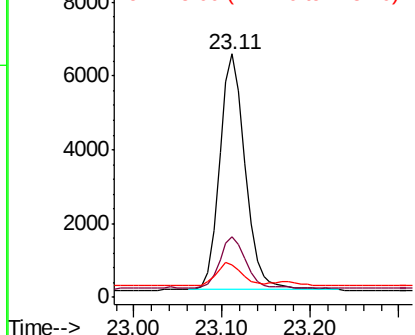
252 100

253 24.9 28.5 42.7#

125 13.4 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: 0.404 ng/ul

RT: 25.50 min Scan# 4217

Delta R.T. -0.01 min

Lab File: BE097181.D

Acq: 3 Aug 2018 14:55

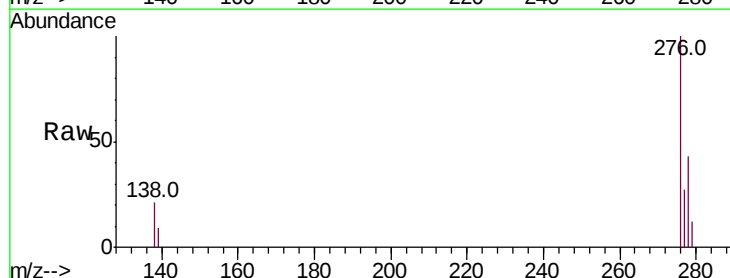
Tgt Ion:276 Resp: 16317

Ion Ratio Lower Upper

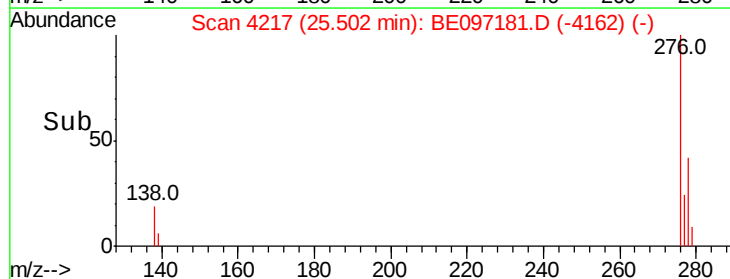
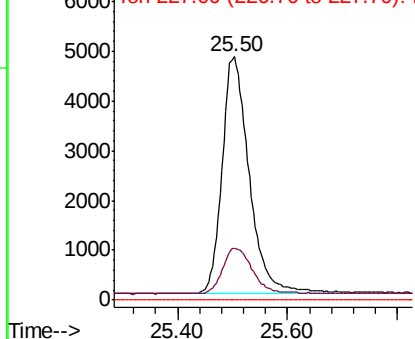
276 100

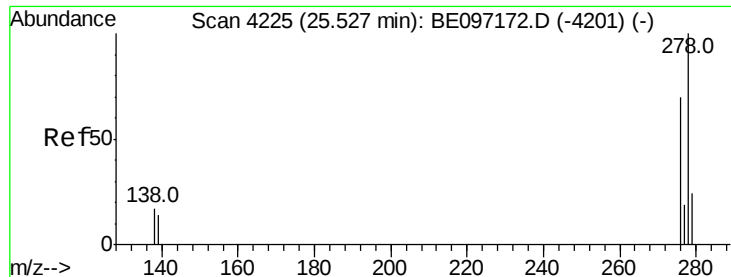
138 20.7 28.0 42.0#

227 0.0 8.0 12.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



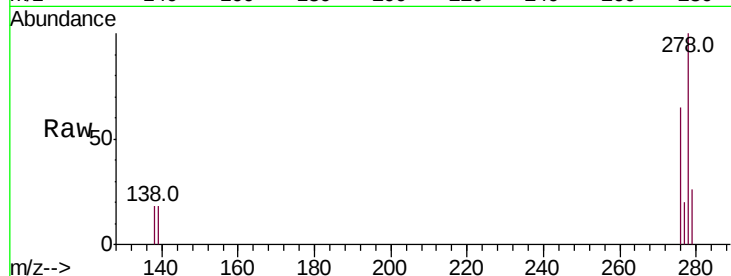


#25
Dibenzo(a,h)anthracene
Concen: 0.410 ng/ul
RT: 25.53 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BE097181.D
Acq: 3 Aug 2018 14:55

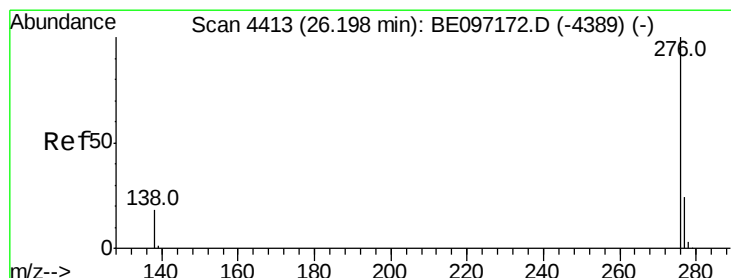
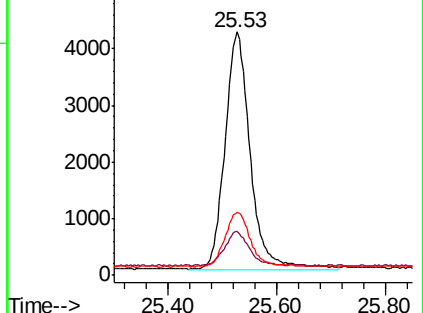
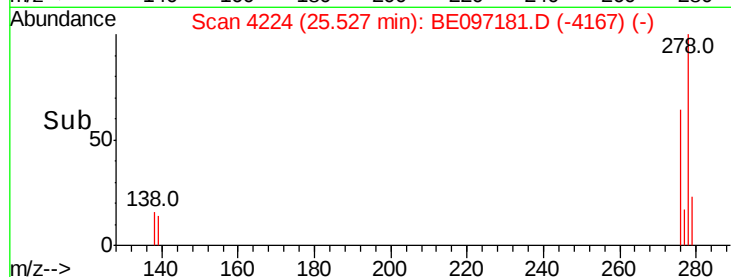
Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 13555

Ion	Ratio	Lower	Upper
278	100		
139	18.2	17.4	26.0
279	26.2	25.9	38.9



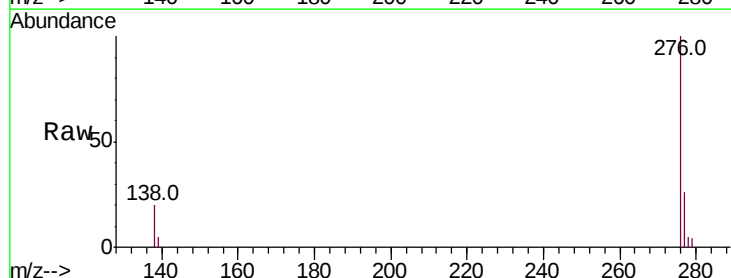
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.397 ng/ul
RT: 26.21 min Scan# 4414
Delta R.T. 0.01 min
Lab File: BE097181.D
Acq: 3 Aug 2018 14:55

Tgt Ion:276 Resp: 13868

Ion	Ratio	Lower	Upper
276	100		
138	19.7	21.8	32.8#
277	26.3	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

