

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097144.D
 Acq On : 2 Aug 2018 10:33
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 02 14:35:08 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 : Thu Aug 02 01:20:35 2018
 Response via : Initial Calibration

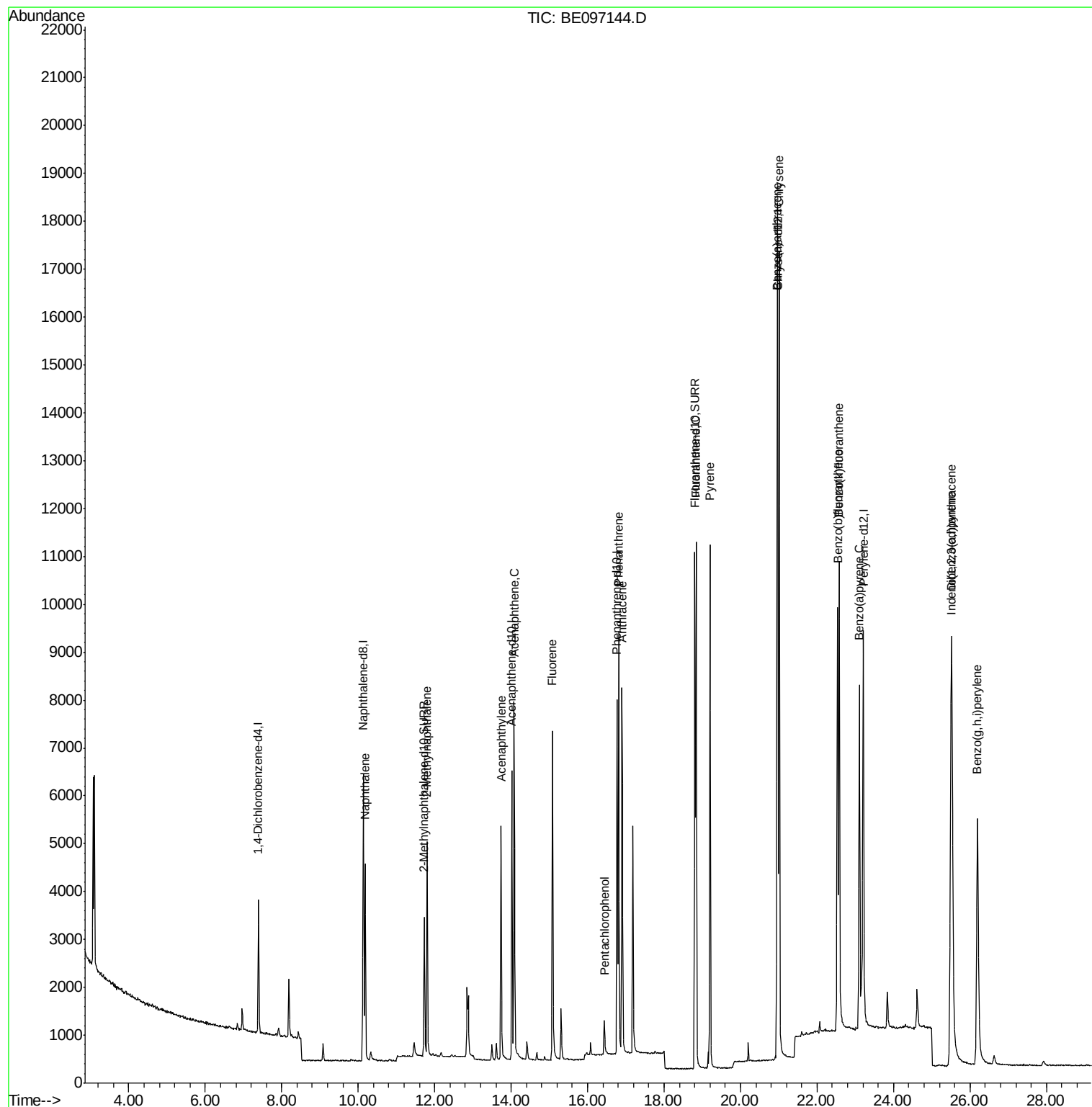
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1354	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6417	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3551	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9493	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11481	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	11425	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	4139	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	12342	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	6203	0.399	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	4099	0.399	ng/ul	97
7) Acenaphthylene	13.73	152	6087	0.396	ng/ul	98
8) Acenaphthene	14.08	153	4434	0.399	ng/ul#	92
9) Fluorene	15.08	166	4973	0.390	ng/ul#	92
11) Pentachlorophenol	16.44	266	456	0.335	ng/ul	98
12) Phenanthrene	16.81	178	9555	0.395	ng/ul#	88
13) Anthracene	16.90	178	8679	0.384	ng/ul#	91
15) Fluoranthene	18.84	202	12389	0.387	ng/ul	84
17) Pyrene	19.20	202	12636	0.411	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	12568	0.383	ng/ul#	85
19) Chrysene	21.01	228	13490	0.399	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	12188	0.391	ng/ul	83
22) Benzo(k)fluoranthene	22.58	252	13048	0.389	ng/ul#	88
23) Benzo(a)pyrene	23.11	252	11876	0.381	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	14972	0.384	ng/ul#	78
25) Dibenzo(a,h)anthracene	25.52	278	12500	0.392	ng/ul#	89
26) Benzo(g,h,i)perylene	26.20	276	12904	0.383	ng/ul#	92

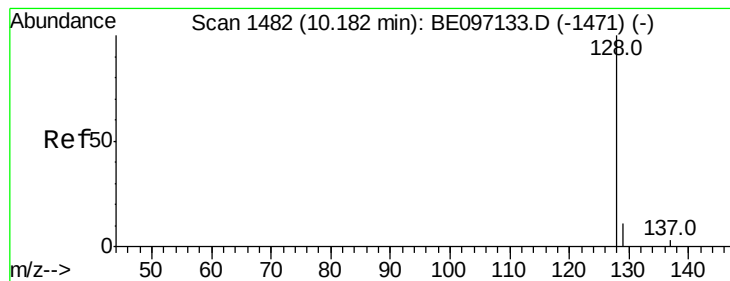
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.399 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE097144.D

Acq: 2 Aug 2018 10:33

Instrument :

BNA_E

ClientSampleId :

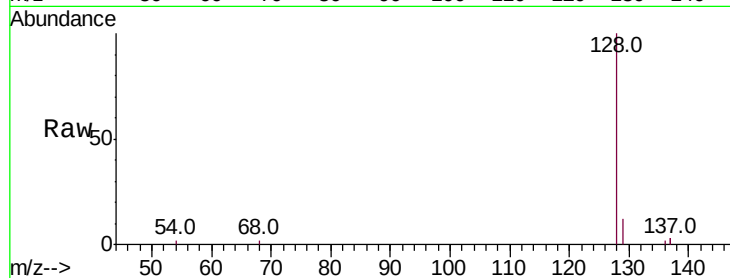
Tot Ion:128 Resp: 6203

Ion Ratio Lower Upper

128 100

129 12.3 11.3 16.9

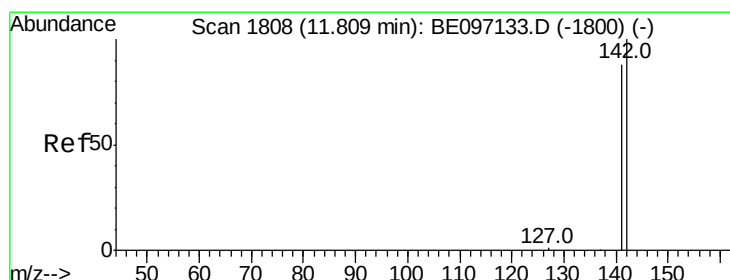
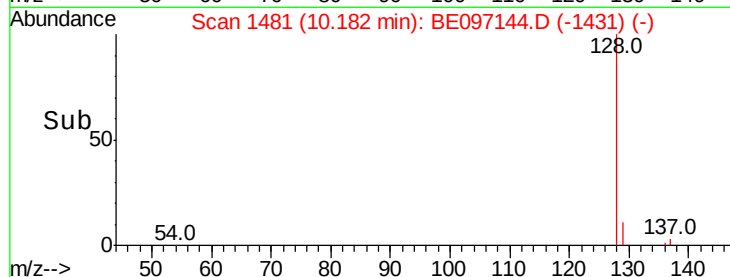
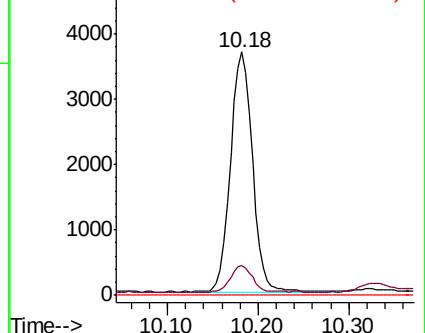
127 0.0 4.0 6.0#



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: 0.399 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BE097144.D

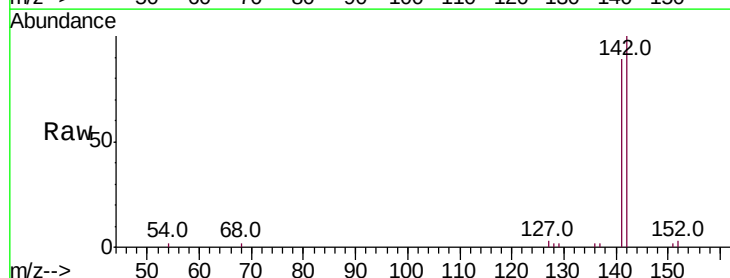
Acq: 2 Aug 2018 10:33

Tgt Ion:142 Resp: 4099

Ion Ratio Lower Upper

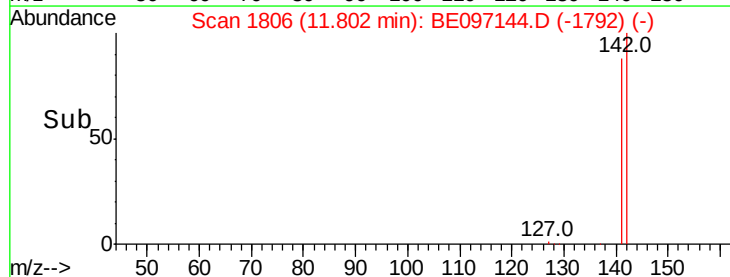
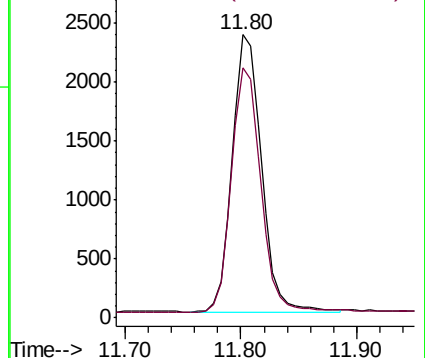
142 100

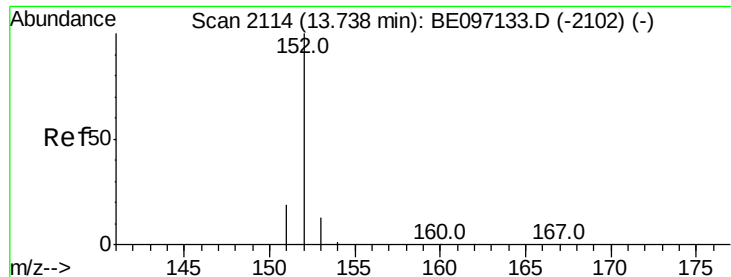
141 88.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.396 ng/ul

RT: 13.73 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BE097144.D

Acq: 2 Aug 2018 10:33

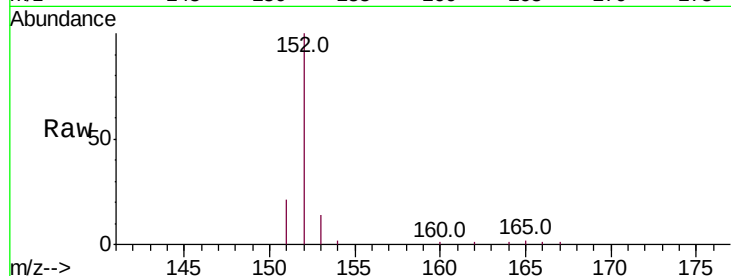
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 6087

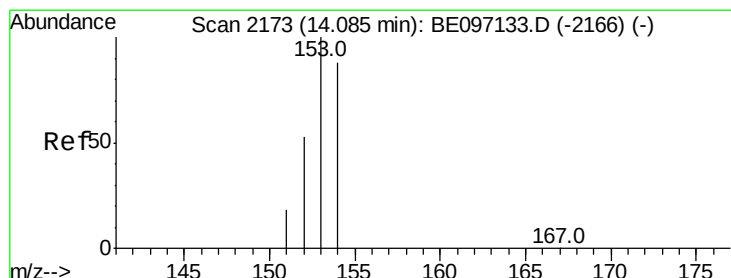
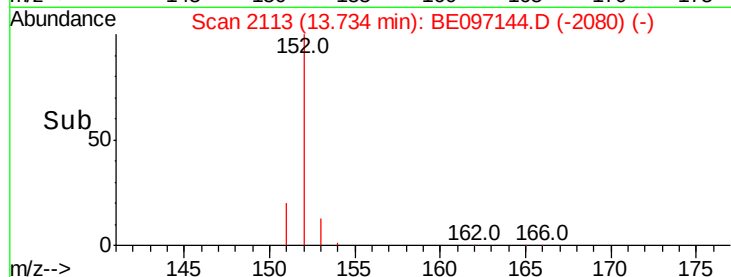
Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.1	25.7
153	14.4	12.8	19.2



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: 0.399 ng/ul

RT: 14.08 min Scan# 2172

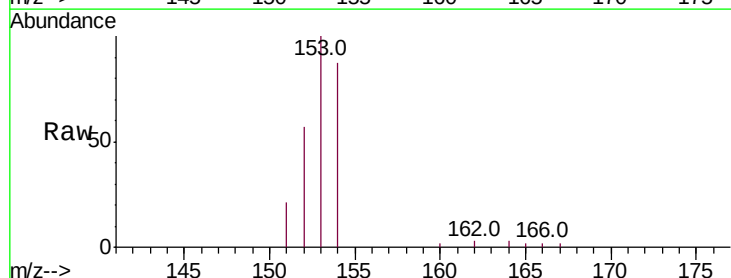
Delta R.T. -0.00 min

Lab File: BE097144.D

Acq: 2 Aug 2018 10:33

Tgt Ion:153 Resp: 4434

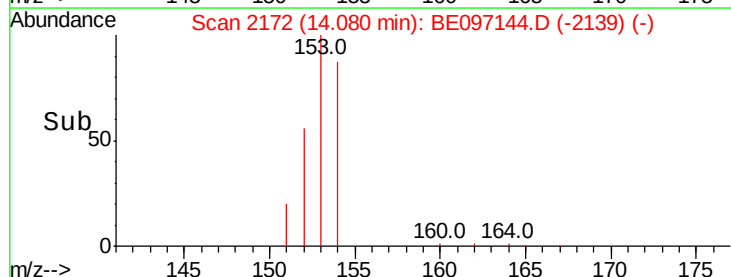
Ion	Ratio	Lower	Upper
153	100		
152	57.0	36.0	54.0#
154	87.0	72.0	108.0

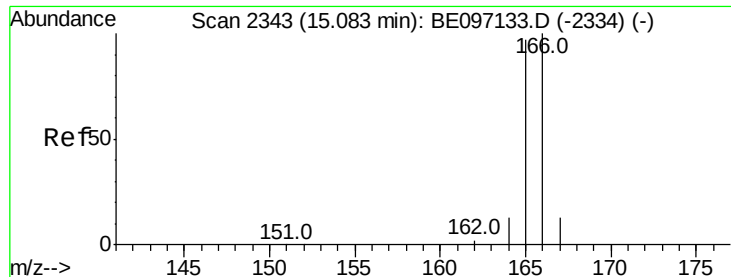


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

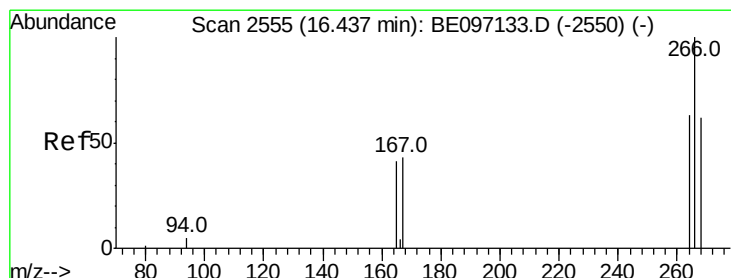
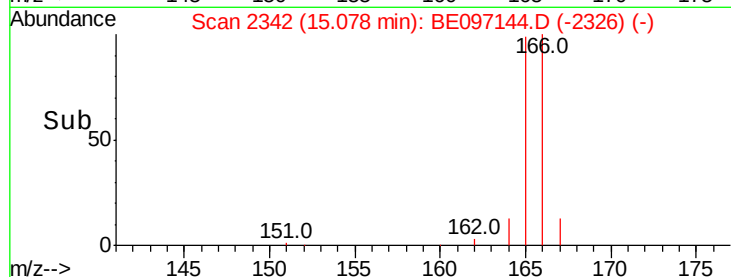
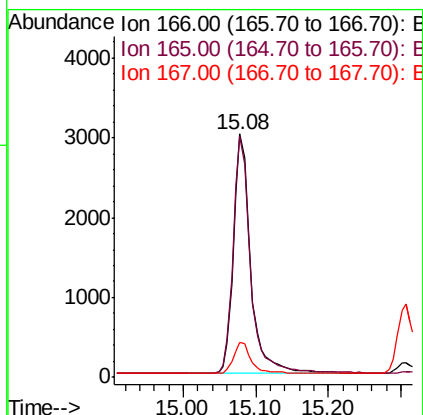
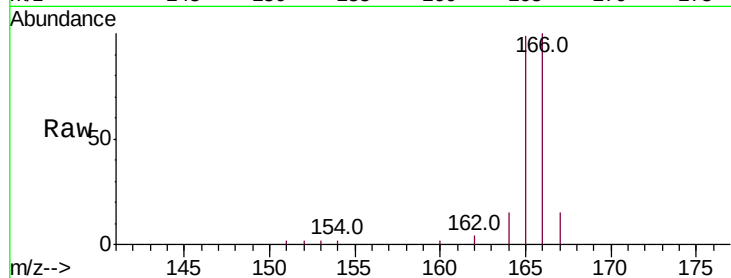




#9
Fluorene
 Concen: 0.390 ng/ul
 RT: 15.08 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BE097144.D
 Acq: 2 Aug 2018 10:33

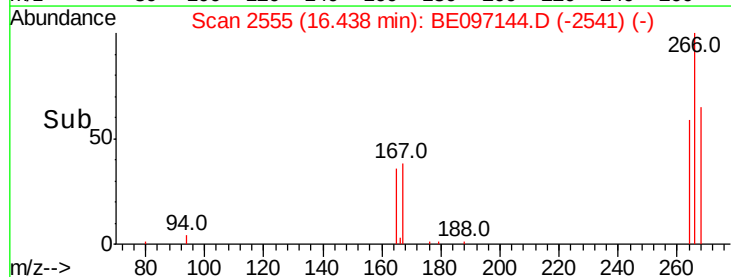
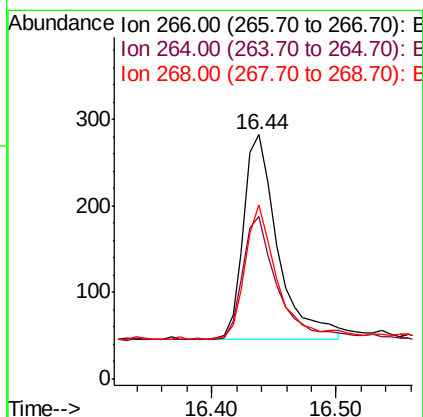
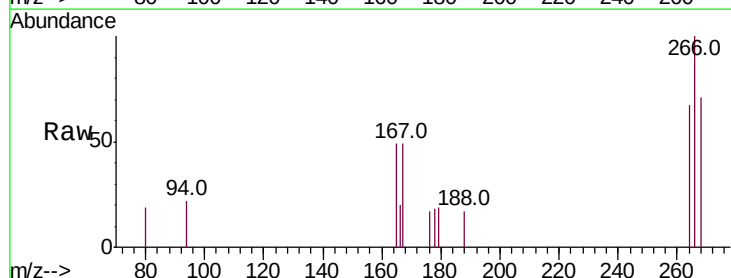
Instrument :
 BNA_E
 ClientSampleId :

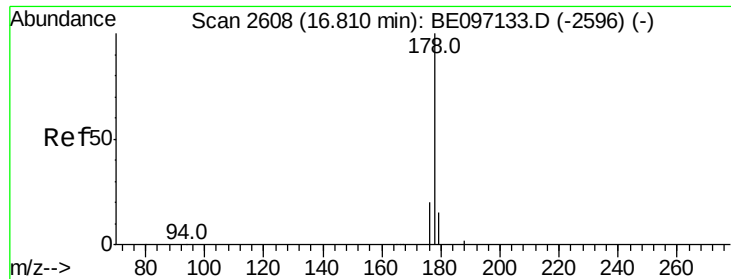
Tot Ion:166 Resp: 4973
 Ion Ratio Lower Upper
 166 100
 165 99.0 73.4 110.2
 167 14.6 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.335 ng/ul
 RT: 16.44 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: BE097144.D
 Acq: 2 Aug 2018 10:33

Tgt Ion:266 Resp: 456
 Ion Ratio Lower Upper
 266 100
 264 60.1 47.9 71.9
 268 59.4 49.8 74.8





#12

Phenanthrene

Concen: 0.395 ng/ul

RT: 16.81 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BE097144.D

Acq: 2 Aug 2018 10:33

Instrument :

BNA_E

ClientSampleId :

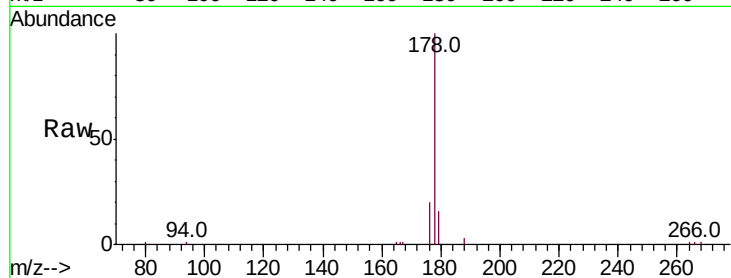
Tot Ion:178 Resp: 9555

Ion Ratio Lower Upper

178 100

179 15.9 18.4 27.6#

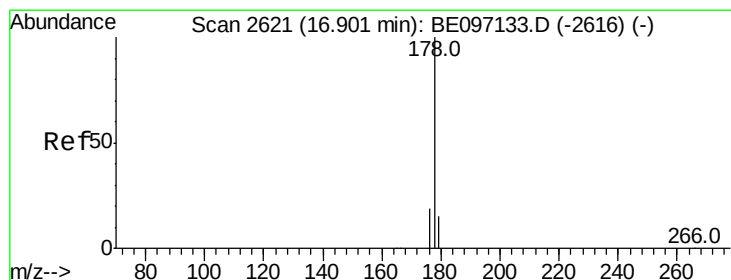
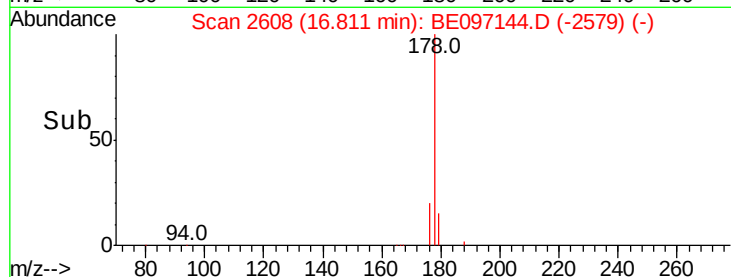
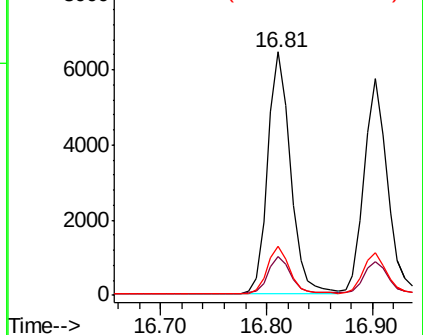
176 20.3 13.6 20.4



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: 0.384 ng/ul

RT: 16.90 min Scan# 2621

Delta R.T. 0.00 min

Lab File: BE097144.D

Acq: 2 Aug 2018 10:33

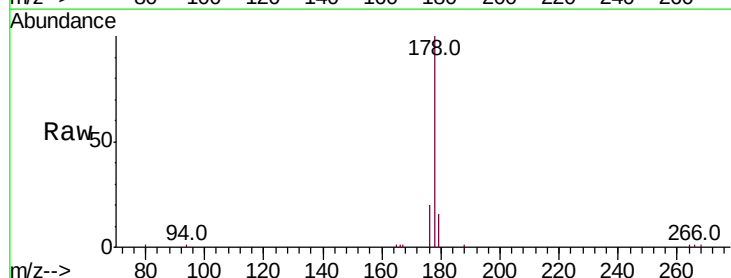
Tgt Ion:178 Resp: 8679

Ion Ratio Lower Upper

178 100

179 15.7 18.1 27.1#

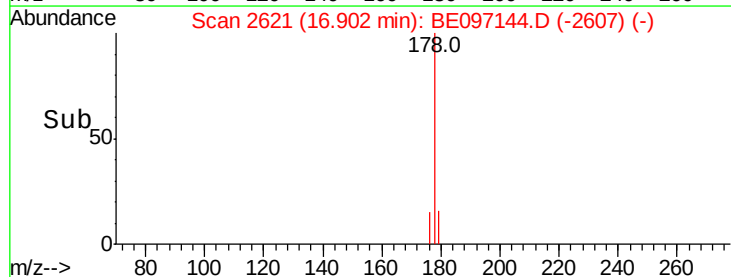
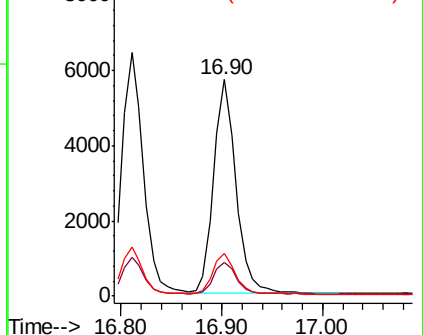
176 19.8 14.7 22.1

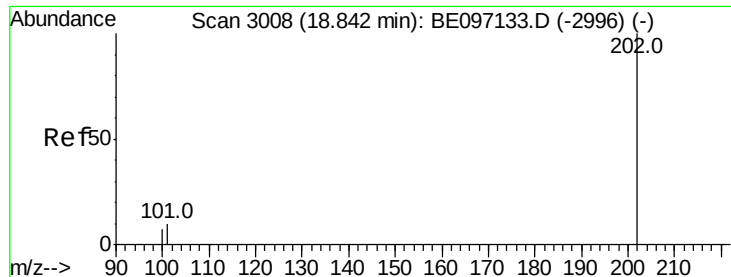


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

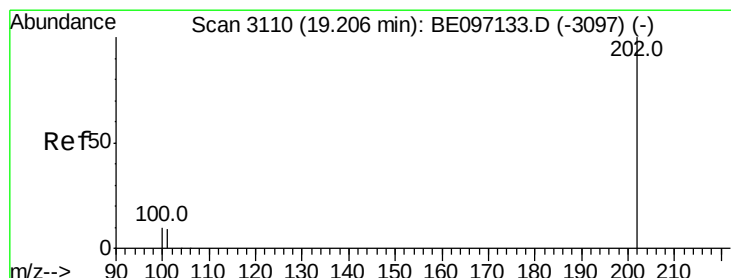
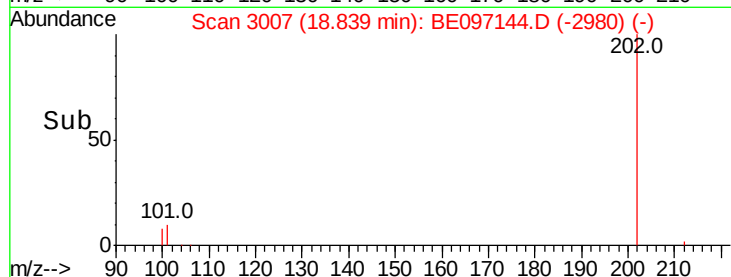
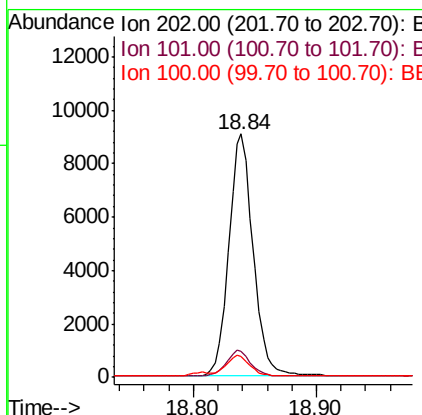
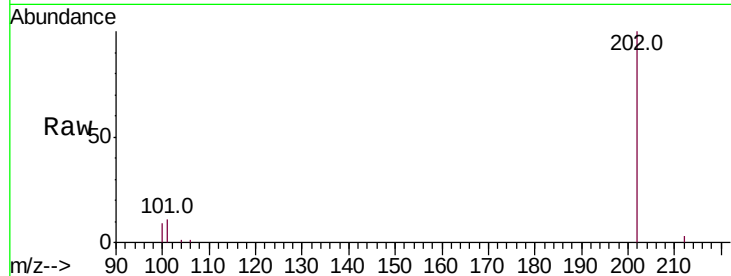




#15
Fluoranthene
 Concen: 0.387 ng/ul
 RT: 18.84 min Scan# 3007
 Delta R.T. -0.00 min
 Lab File: BE097144.D
 Acq: 2 Aug 2018 10:33

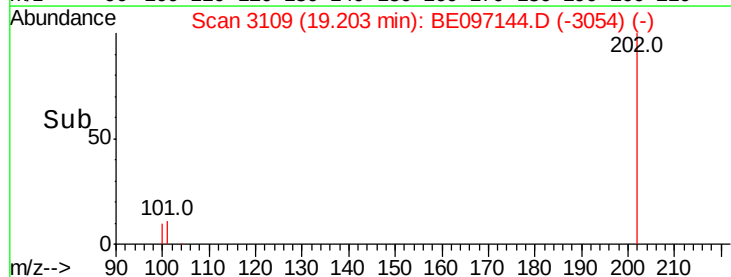
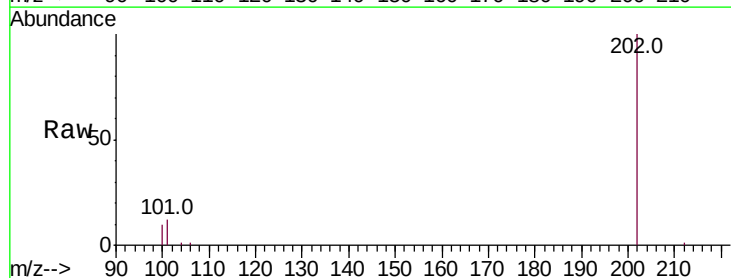
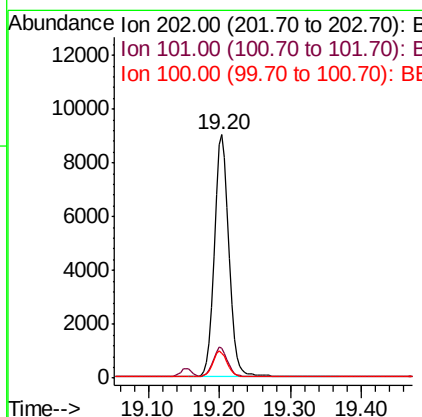
Instrument :
 BNA_E
 ClientSampleId :

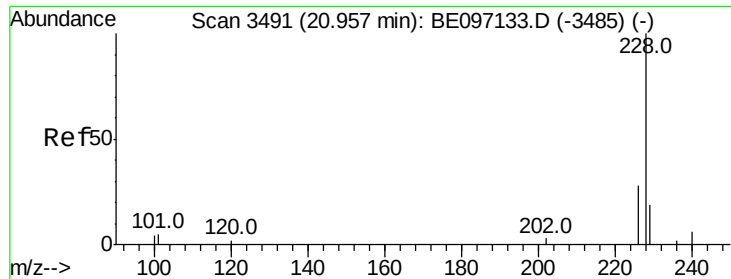
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
100	8.6	0.0	39.5



#17
Pyrene
 Concen: 0.411 ng/ul
 RT: 19.20 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: BE097144.D
 Acq: 2 Aug 2018 10:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	18.2	27.4#
100	10.3	15.6	23.4#

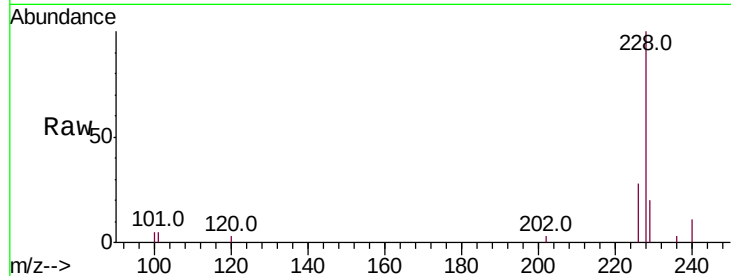




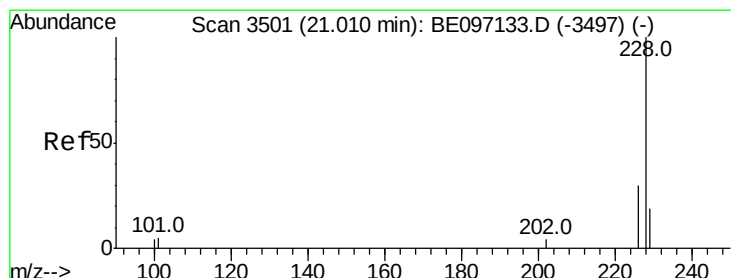
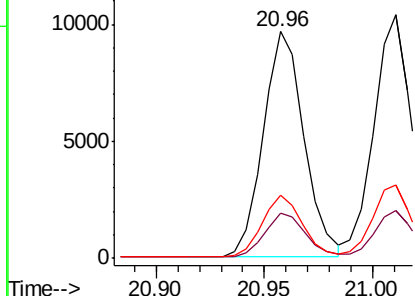
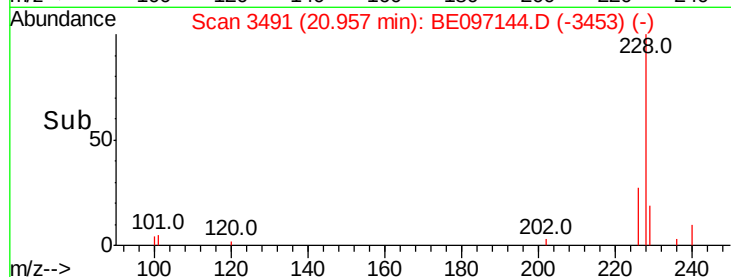
#18
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE097144.D
Acq: 2 Aug 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 12568
Ion Ratio Lower Upper
228 100
229 19.7 22.8 34.2#
226 27.6 17.0 25.6#

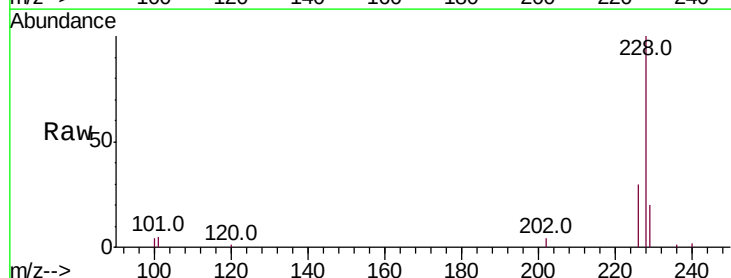


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

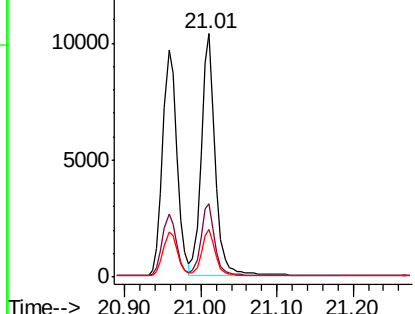
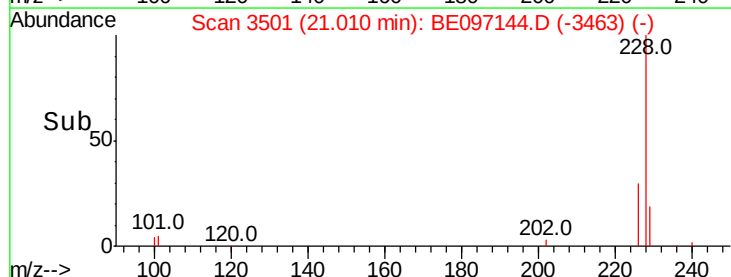


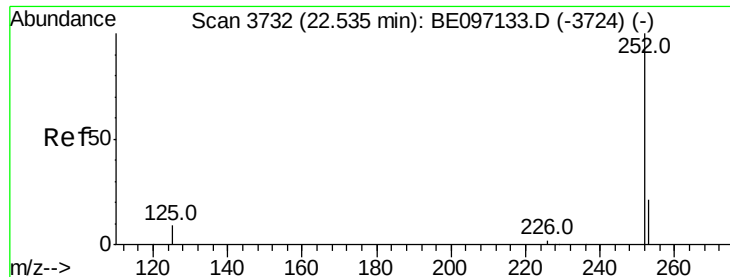
#19
Chrysene
Concen: 0.399 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE097144.D
Acq: 2 Aug 2018 10:33

Tgt Ion:228 Resp: 13490
Ion Ratio Lower Upper
228 100
226 30.0 23.4 35.0
229 19.6 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: 0.391 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BE097144.D

Acq: 2 Aug 2018 10:33

Instrument :

BNA_E

ClientSampleId :

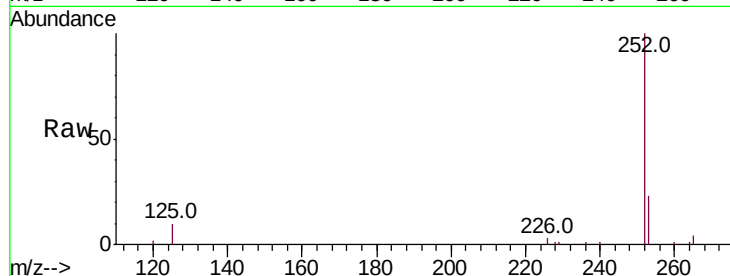
Tot Ion:252 Resp: 12188

Ion Ratio Lower Upper

252 100

253 23.2 0.0 64.2

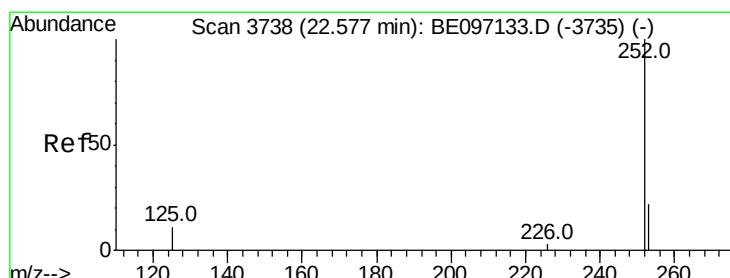
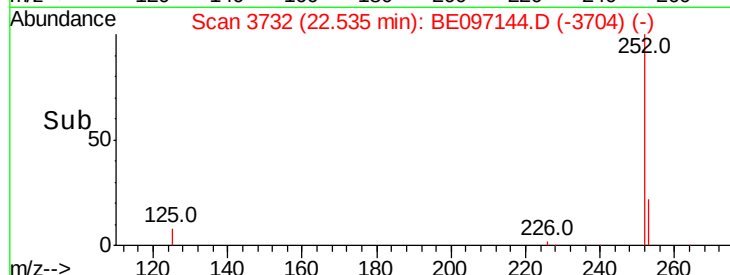
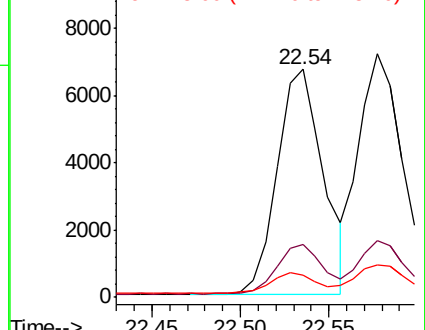
125 9.8 0.0 35.0



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: 0.389 ng/ul

RT: 22.58 min Scan# 3738

Delta R.T. 0.00 min

Lab File: BE097144.D

Acq: 2 Aug 2018 10:33

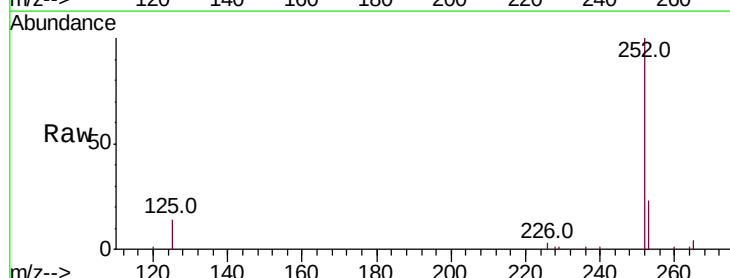
Tgt Ion:252 Resp: 13048

Ion Ratio Lower Upper

252 100

253 23.3 24.5 36.7#

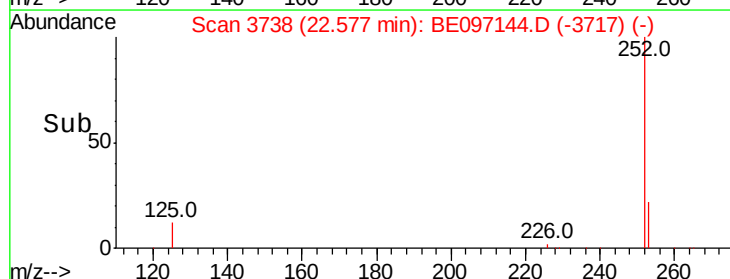
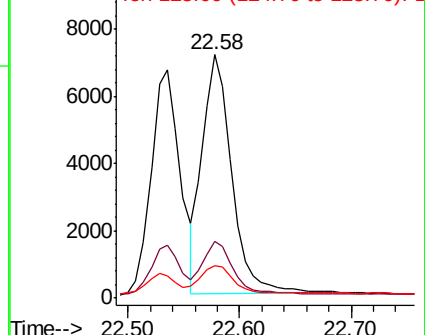
125 13.5 13.7 20.5#

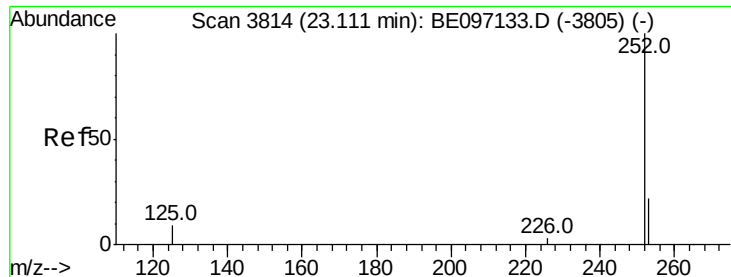


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.381 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. 0.00 min

Lab File: BE097144.D

Acq: 2 Aug 2018 10:33

Instrument :

BNA_E

ClientSampleId :

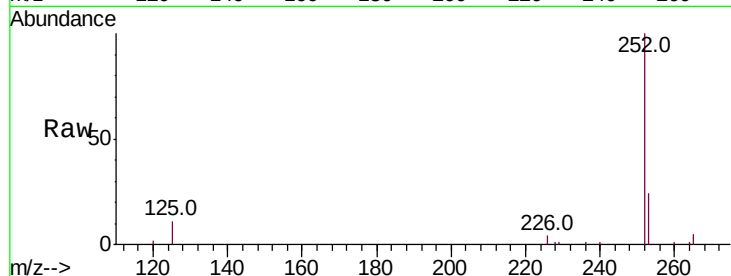
Tot Ion:252 Resp: 11876

Ion Ratio Lower Upper

252 100

253 23.6 28.5 42.7#

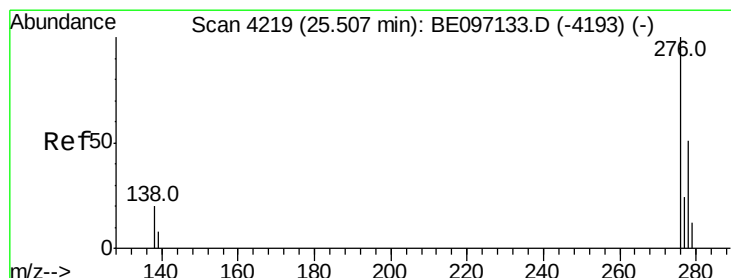
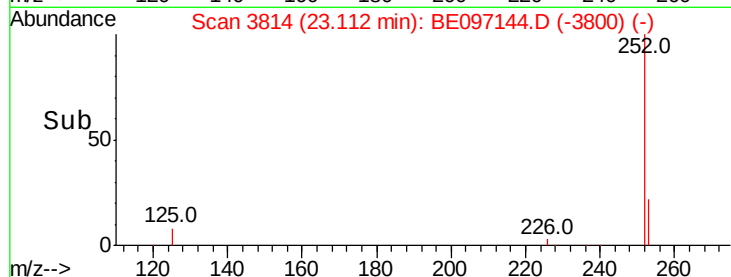
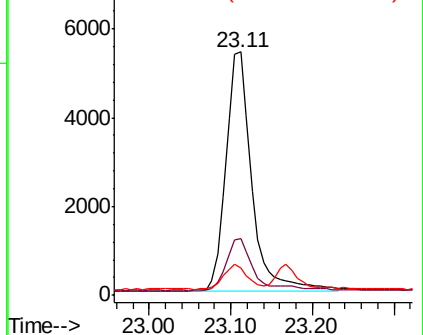
125 11.0 18.1 27.1#



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: 0.384 ng/ul

RT: 25.50 min Scan# 4218

Delta R.T. -0.00 min

Lab File: BE097144.D

Acq: 2 Aug 2018 10:33

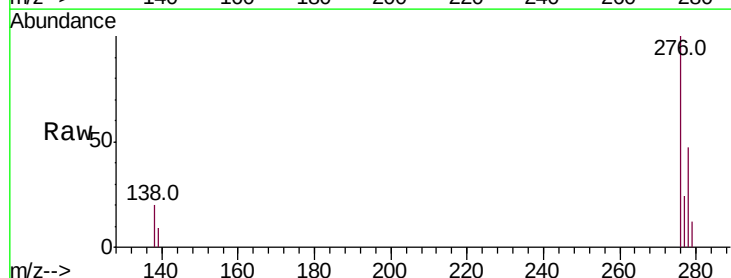
Tgt Ion:276 Resp: 14972

Ion Ratio Lower Upper

276 100

138 22.9 28.0 42.0#

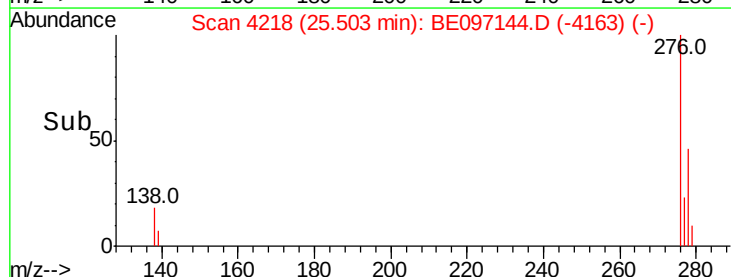
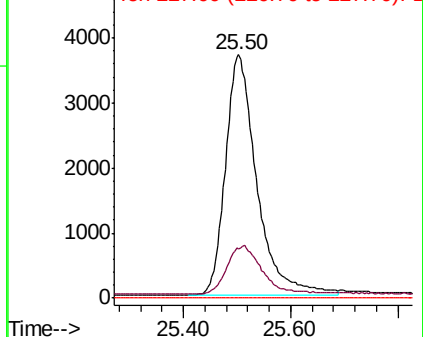
227 0.0 8.0 12.0#

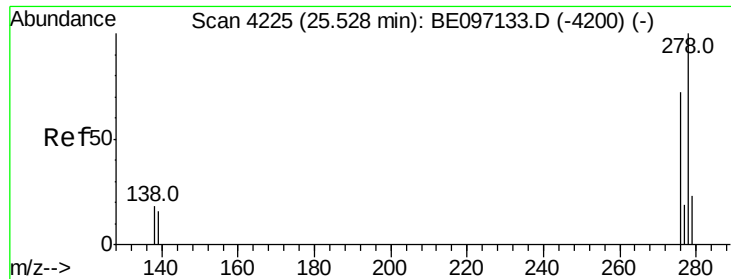


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

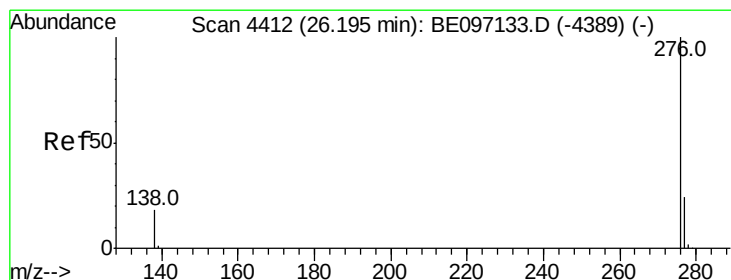
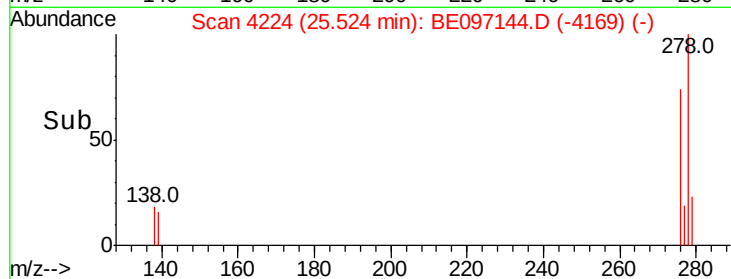
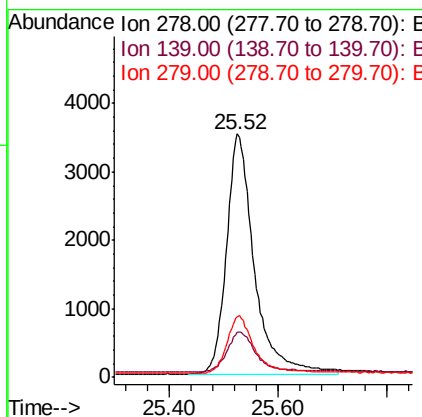
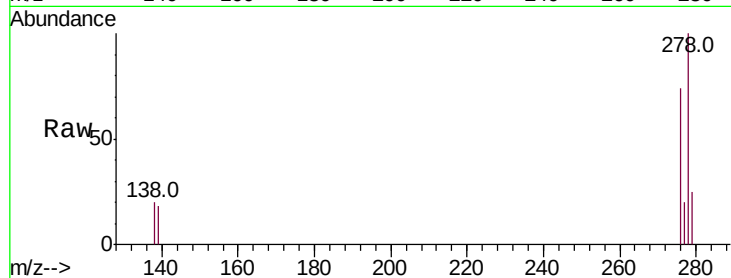




#25
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 25.52 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BE097144.D
Acq: 2 Aug 2018 10:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 12500
Ion Ratio Lower Upper
278 100
139 18.5 17.4 26.0
279 24.9 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.383 ng/ul
RT: 26.20 min Scan# 4413
Delta R.T. 0.00 min
Lab File: BE097144.D
Acq: 2 Aug 2018 10:33

Tgt Ion:276 Resp: 12904
Ion Ratio Lower Upper
276 100
138 19.5 21.8 32.8#
277 25.1 20.5 30.7

