

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
 Data File : BE097130.D
 Acq On : 1 Aug 2018 14:56
 Operator : SJ/JU
 Sample : SSTD1.677
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 01 15:39:29 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

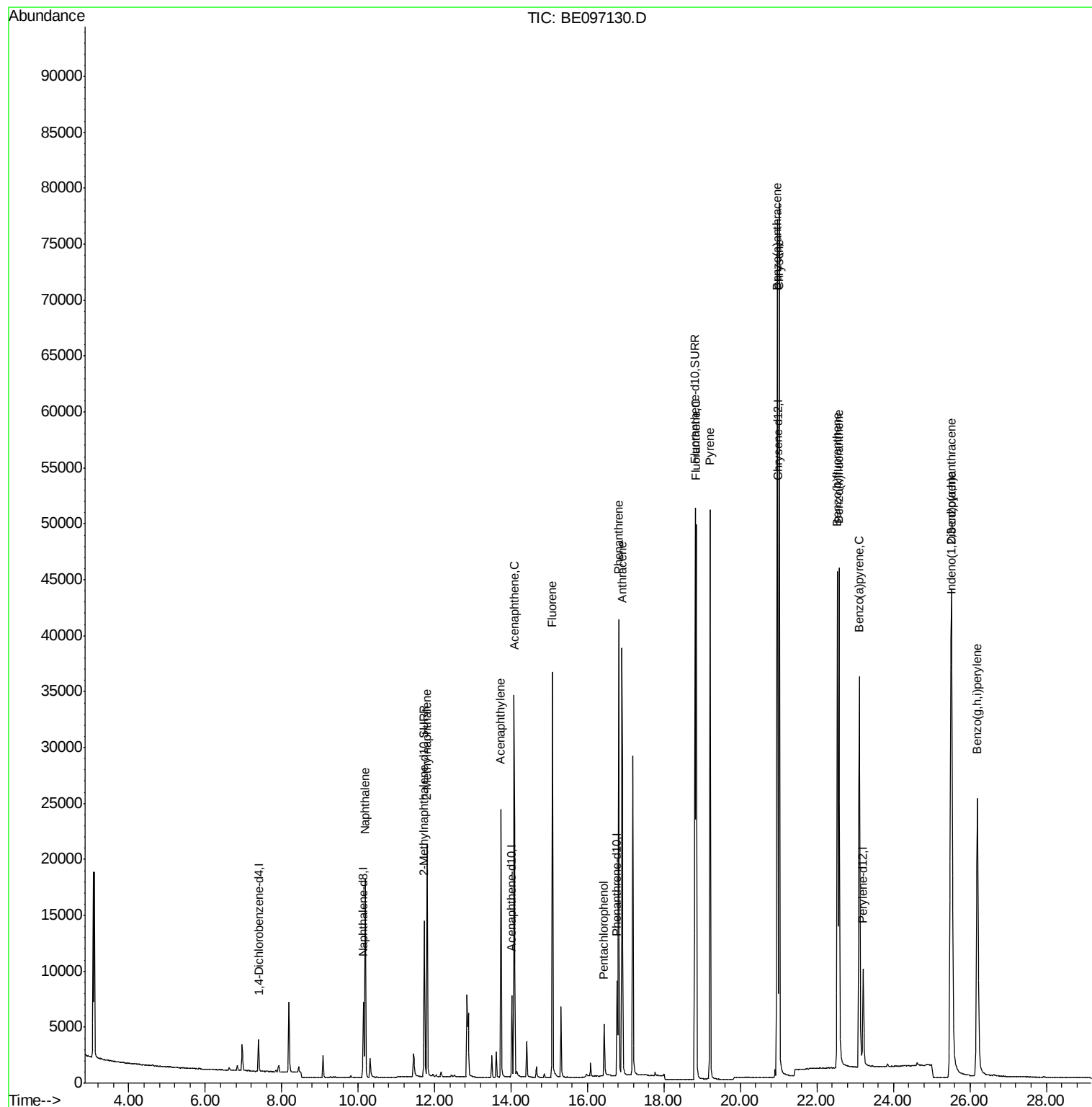
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1427	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	6830	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3897	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	10127	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	12884	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	11880	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	18205	1.63	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	56582	2.24	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.18	128	26649	1.614	ng/ul#	91
5) 2-Methylnaphthalene	11.80	142	18088	1.609	ng/ul	98
7) Acenaphthylene	13.73	152	27322	1.711	ng/ul	95
8) Acenaphthene	14.08	153	19826	1.503	ng/ul	93
9) Fluorene	15.08	166	23098	1.698	ng/ul#	92
11) Pentachlorophenol	16.43	266	2549	3.846	ng/ul	98
12) Phenanthrene	16.81	178	42193	1.616	ng/ul#	89
13) Anthracene	16.90	178	40837	1.842	ng/ul#	92
15) Fluoranthene	18.84	202	55871	2.009	ng/ul	84
17) Pyrene	19.20	202	55804	1.319	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	59588	1.961	ng/ul#	84
19) Chrysene	21.01	228	60963	1.548	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	55325	1.706	ng/ul	81
22) Benzo(k)fluoranthene	22.58	252	58006	1.639	ng/ul#	84
23) Benzo(a)pyrene	23.11	252	53047	1.934	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.50	276	68372	2.402	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.52	278	56359	2.492	ng/ul#	85
26) Benzo(g,h,i)perylene	26.19	276	59098	2.139	ng/ul#	90

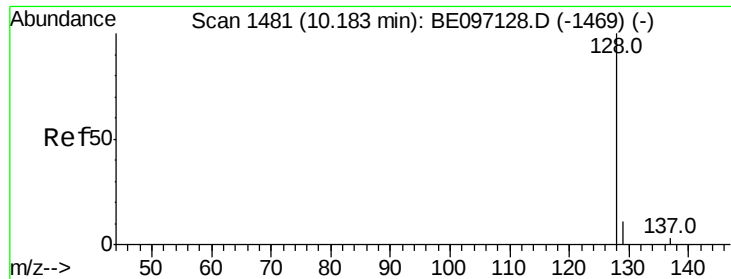
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
Data File : BE097130.D
Acq On : 1 Aug 2018 14:56
Operator : SJ/JU
Sample : SST1.677
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 01 15:39:29 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





#3

Naphthalene

Concen: 1.614 ng/ul

RT: 10.18 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BE097130.D

Acq: 1 Aug 2018 14:56

Instrument :

BNA_E

ClientSampleId :

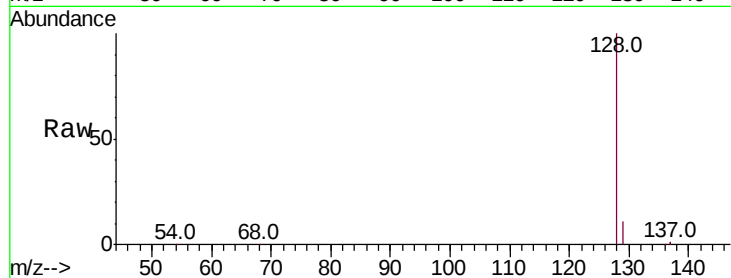
Tot Ion:128 Resp: 26649

Ion Ratio Lower Upper

128 100

129 11.3 11.3 16.9

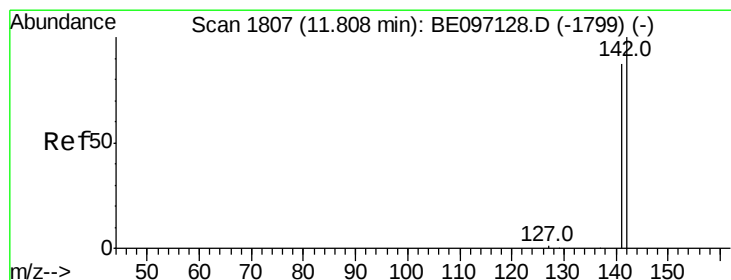
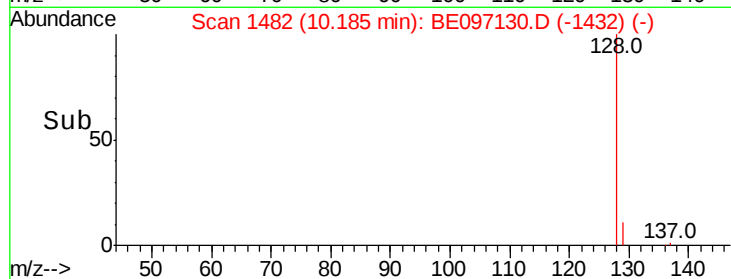
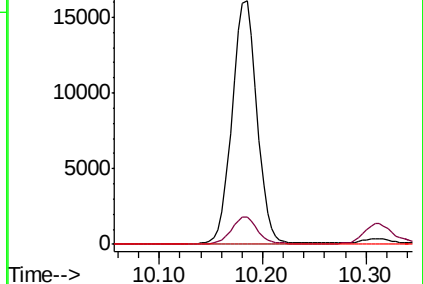
127 0.0 4.0 6.0#



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: 1.609 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BE097130.D

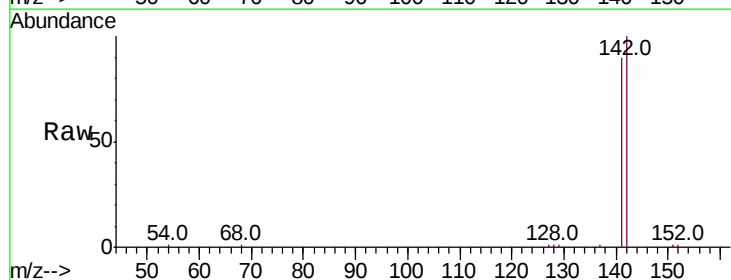
Acq: 1 Aug 2018 14:56

Tgt Ion:142 Resp: 18088

Ion Ratio Lower Upper

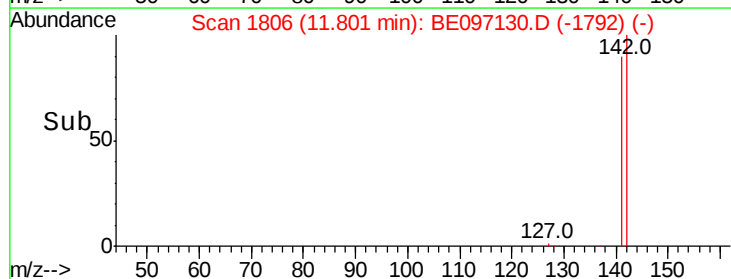
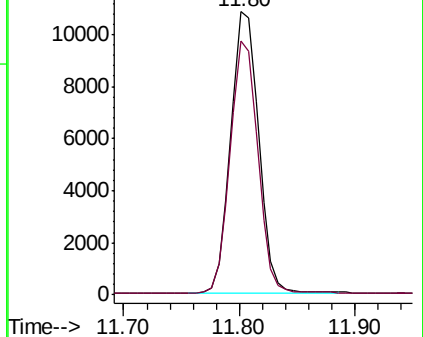
142 100

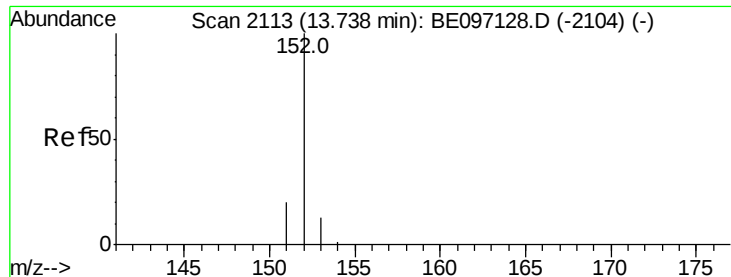
141 88.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.711 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BE097130.D

Acq: 1 Aug 2018 14:56

Instrument :

BNA_E

ClientSampleId :

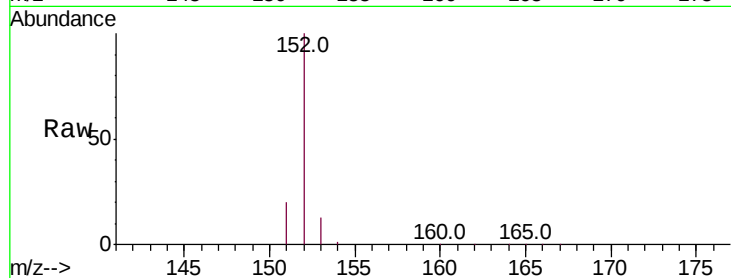
Tot Ion:152 Resp: 27322

Ion Ratio Lower Upper

152 100

151 20.0 17.1 25.7

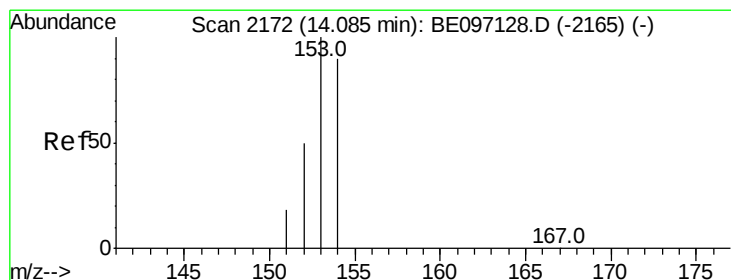
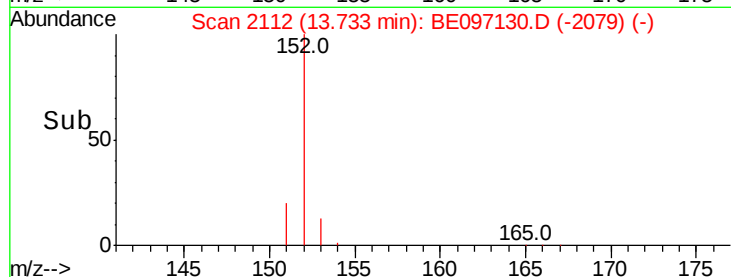
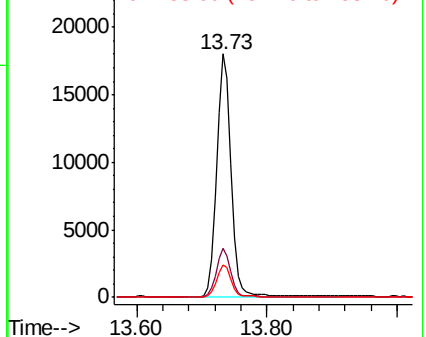
153 13.1 12.8 19.2



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: 1.503 ng/ul

RT: 14.08 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BE097130.D

Acq: 1 Aug 2018 14:56

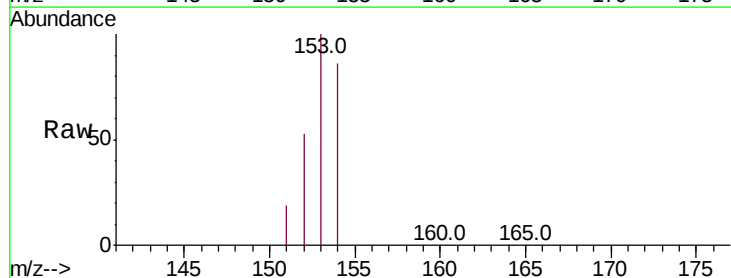
Tgt Ion:153 Resp: 19826

Ion Ratio Lower Upper

153 100

152 52.8 36.0 54.0

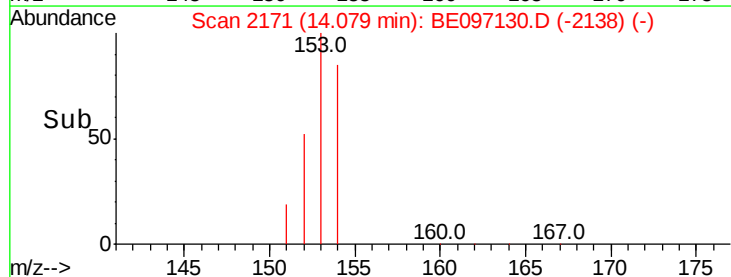
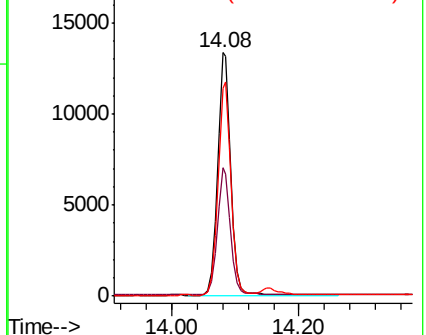
154 85.5 72.0 108.0

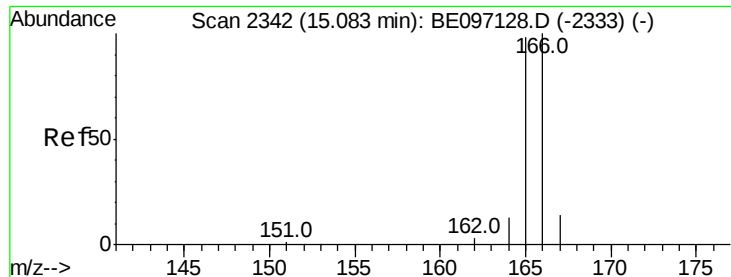


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 1.698 ng/ul

RT: 15.08 min Scan# 2341

Delta R.T. -0.01 min

Lab File: BE097130.D

Acq: 1 Aug 2018 14:56

Instrument :

BNA_E

ClientSampleId :

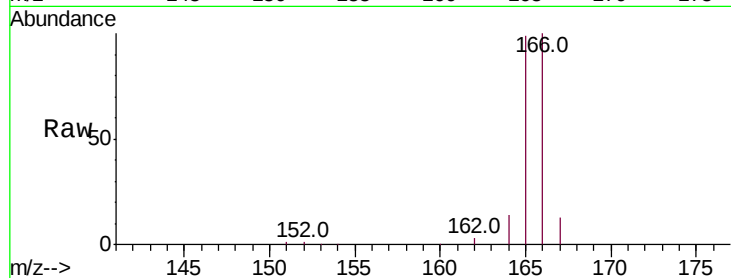
Tot Ion:166 Resp: 23098

Ion Ratio Lower Upper

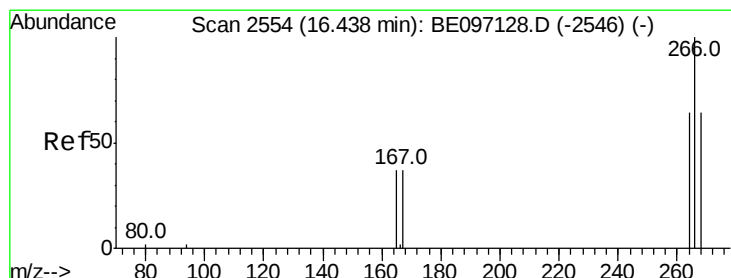
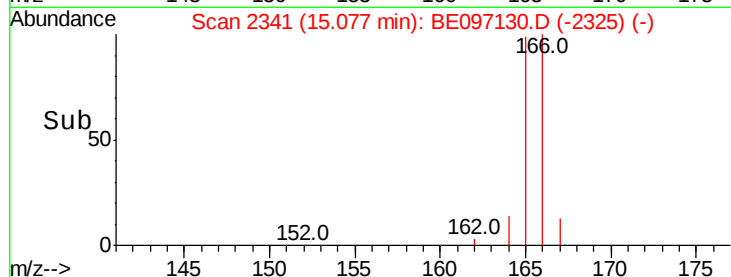
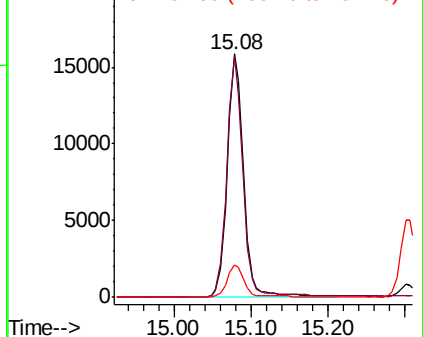
166 100

165 99.2 73.4 110.2

167 13.5 14.6 22.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 3.846 ng/ul

RT: 16.43 min Scan# 2553

Delta R.T. -0.01 min

Lab File: BE097130.D

Acq: 1 Aug 2018 14:56

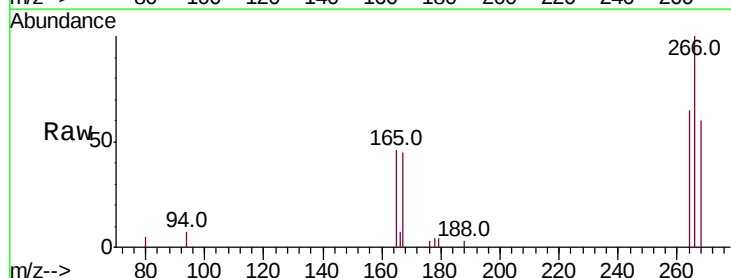
Tgt Ion:266 Resp: 2549

Ion Ratio Lower Upper

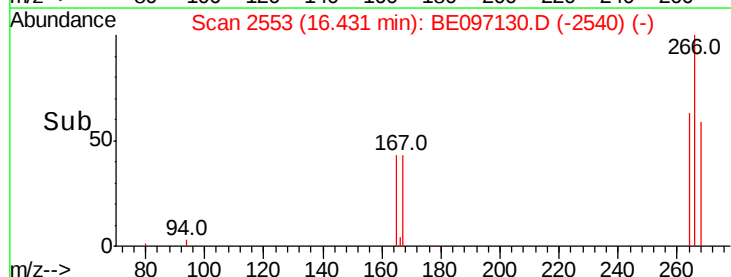
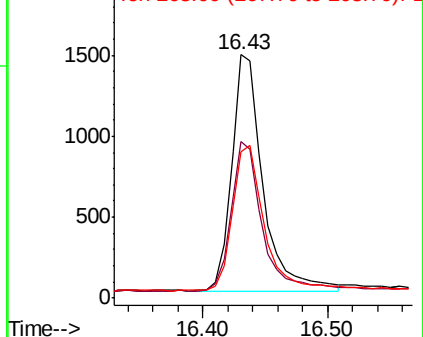
266 100

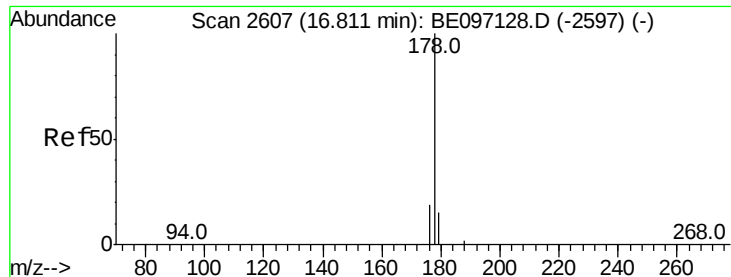
264 63.2 47.9 71.9

268 62.5 49.8 74.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 1.616 ng/ul

RT: 16.81 min Scan# 2607

Delta R.T. -0.00 min

Lab File: BE097130.D

Acq: 1 Aug 2018 14:56

Instrument :

BNA_E

ClientSampleId :

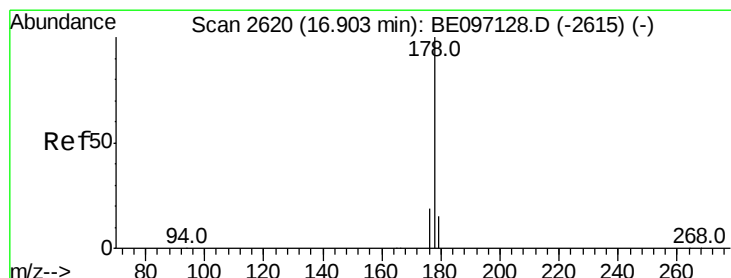
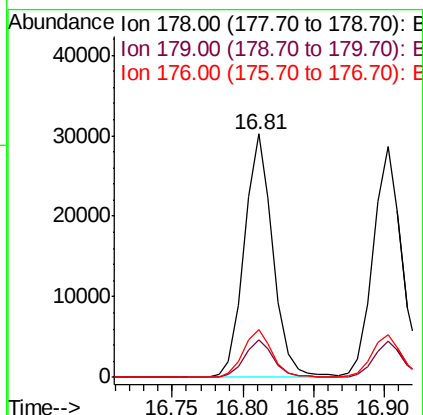
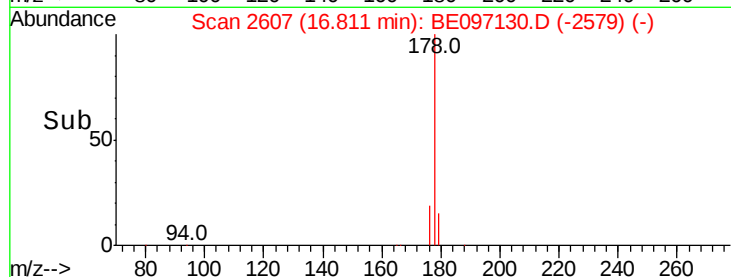
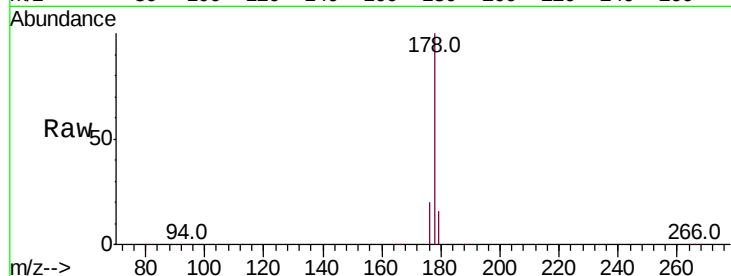
Tot Ion:178 Resp: 42193

Ion Ratio Lower Upper

178 100

179 15.5 18.4 27.6#

176 19.6 13.6 20.4



#13

Anthracene

Concen: 1.842 ng/ul

RT: 16.90 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BE097130.D

Acq: 1 Aug 2018 14:56

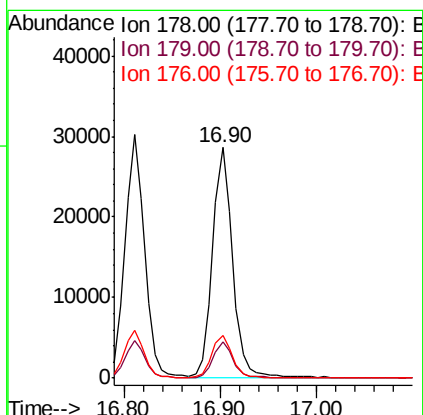
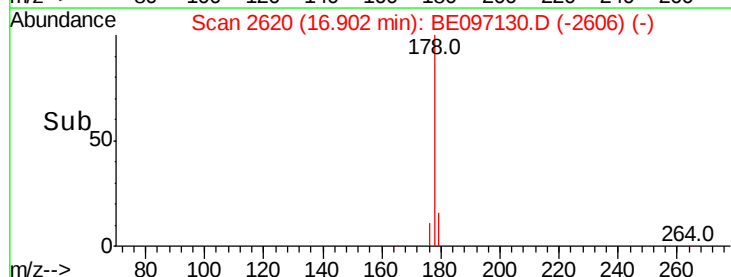
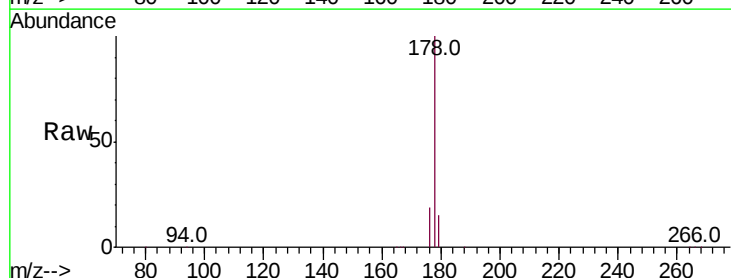
Tgt Ion:178 Resp: 40837

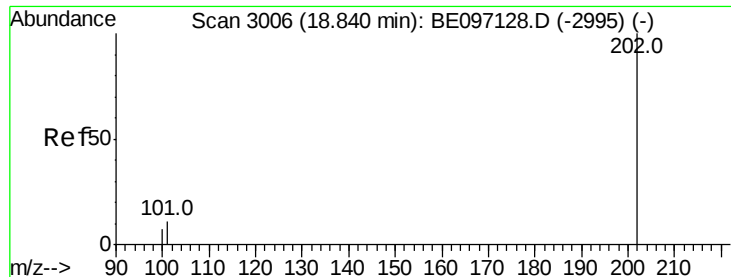
Ion Ratio Lower Upper

178 100

179 15.5 18.1 27.1#

176 18.5 14.7 22.1

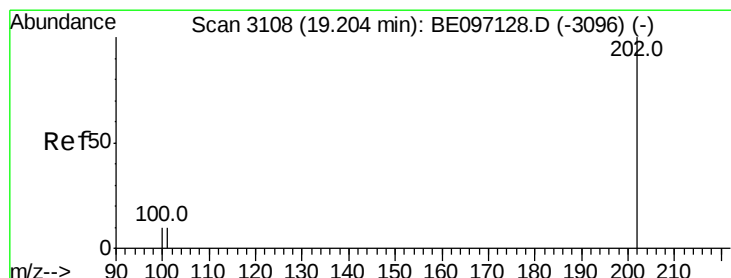
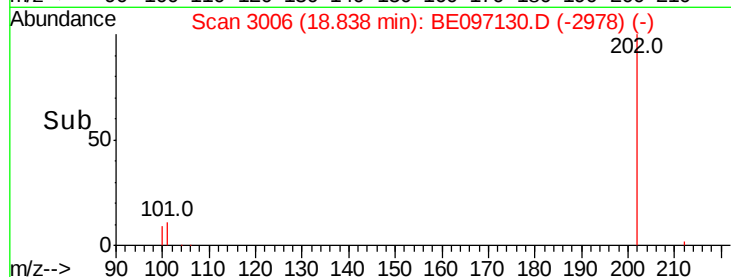
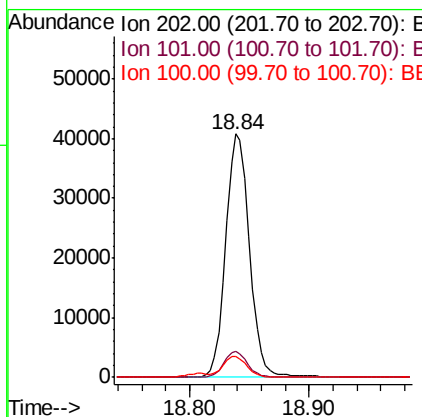
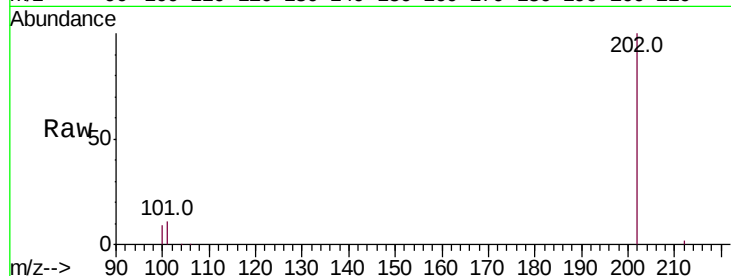




#15
Fluoranthene
 Concen: 2.009 ng/ul
 RT: 18.84 min Scan# 3006
 Delta R.T. -0.00 min
 Lab File: BE097130.D
 Acq: 1 Aug 2018 14:56

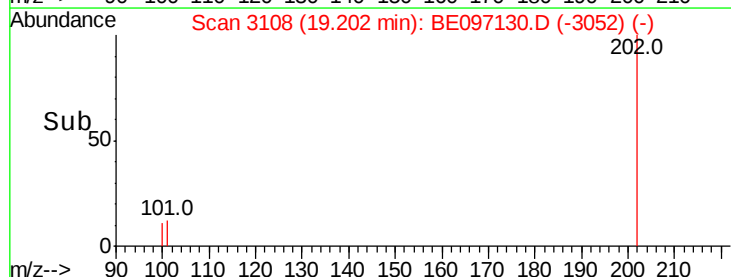
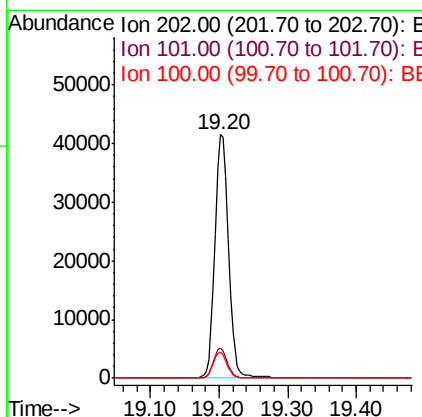
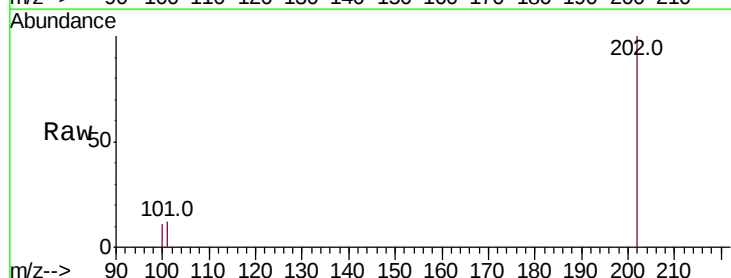
Instrument :
 BNA_E
 ClientSampleId :

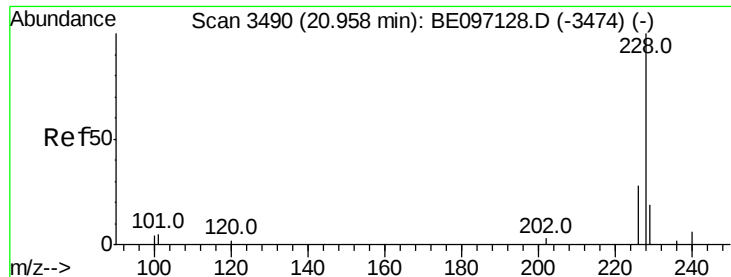
Tot Ion:202 Resp: 55871
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 30.3
 100 8.7 0.0 39.5



#17
Pyrene
 Concen: 1.319 ng/ul
 RT: 19.20 min Scan# 3108
 Delta R.T. -0.00 min
 Lab File: BE097130.D
 Acq: 1 Aug 2018 14:56

Tgt Ion:202 Resp: 55804
 Ion Ratio Lower Upper
 202 100
 101 12.1 18.2 27.4#
 100 10.9 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 1.961 ng/ul

RT: 20.96 min Scan# 3491

Delta R.T. 0.00 min

Lab File: BE097130.D

Acq: 1 Aug 2018 14:56

Instrument :

BNA_E

ClientSampleId :

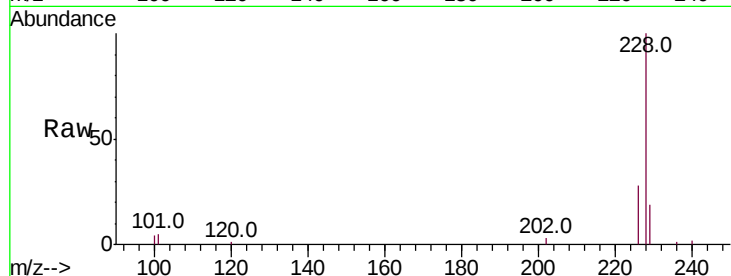
Tot Ion:228 Resp: 59588

Ion Ratio Lower Upper

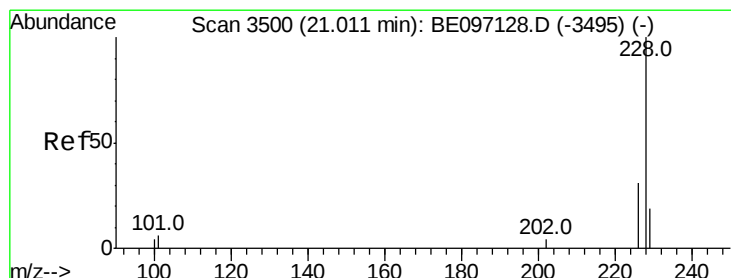
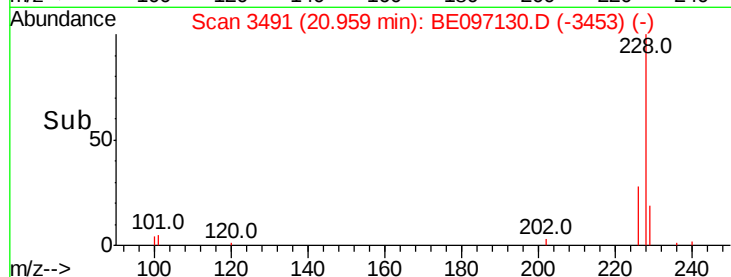
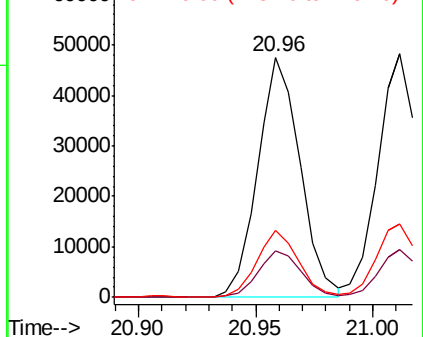
228 100

229 19.3 22.8 34.2#

226 27.7 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: 1.548 ng/ul

RT: 21.01 min Scan# 3501

Delta R.T. 0.00 min

Lab File: BE097130.D

Acq: 1 Aug 2018 14:56

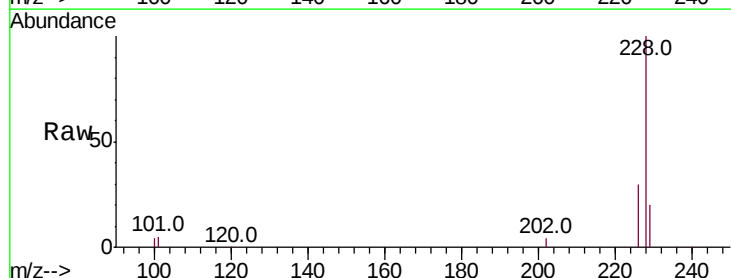
Tgt Ion:228 Resp: 60963

Ion Ratio Lower Upper

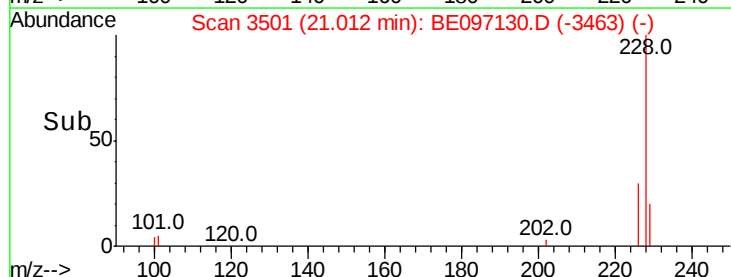
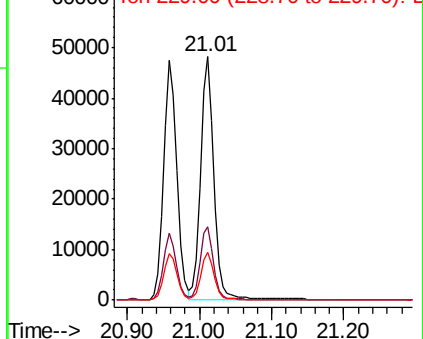
228 100

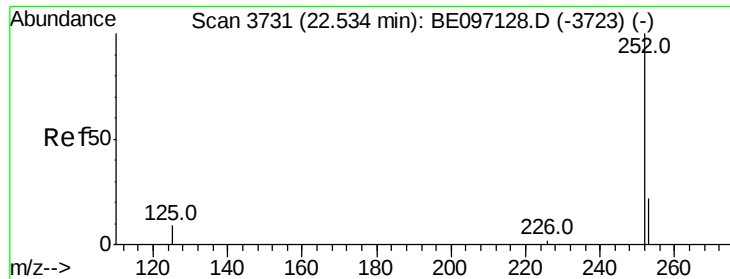
226 30.0 23.4 35.0

229 19.8 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: 1.706 ng/ul

RT: 22.53 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BE097130.D

Acq: 1 Aug 2018 14:56

Instrument :

BNA_E

ClientSampleId :

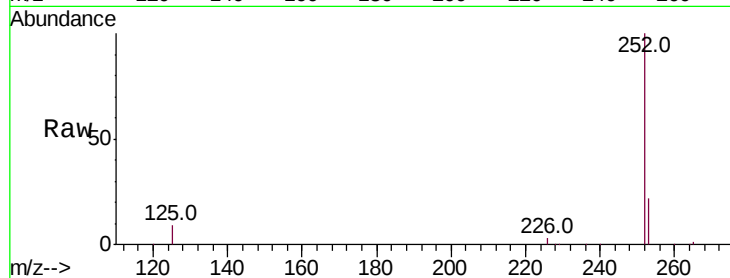
Tot Ion:252 Resp: 55325

Ion Ratio Lower Upper

252 100

253 21.8 0.0 64.2

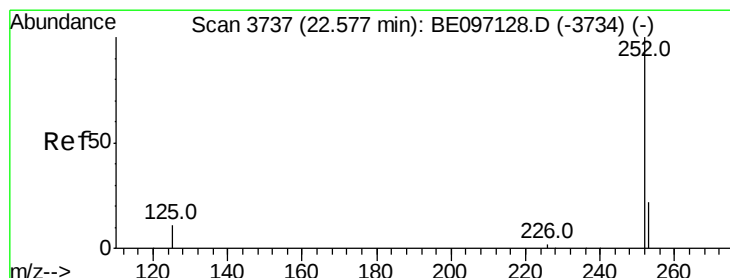
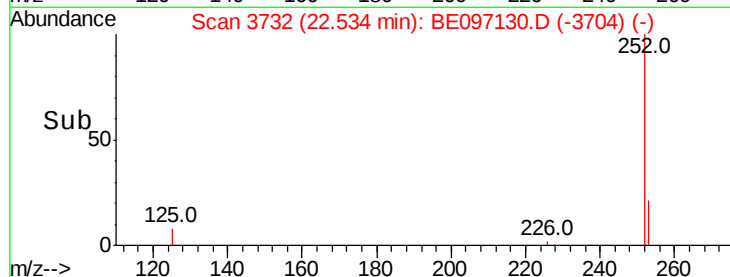
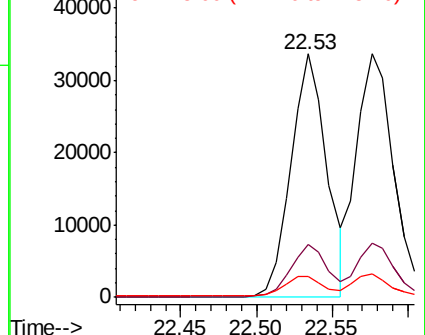
125 8.8 0.0 35.0



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: 1.639 ng/ul

RT: 22.58 min Scan# 3738

Delta R.T. -0.00 min

Lab File: BE097130.D

Acq: 1 Aug 2018 14:56

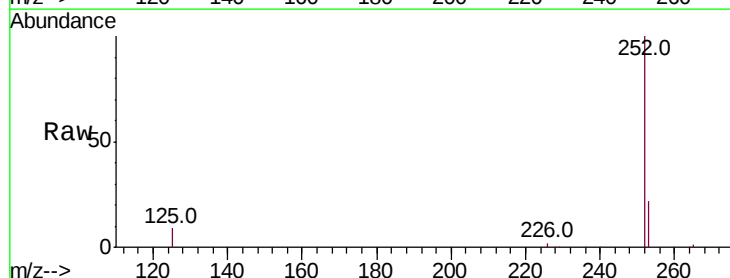
Tgt Ion:252 Resp: 58006

Ion Ratio Lower Upper

252 100

253 22.0 24.5 36.7#

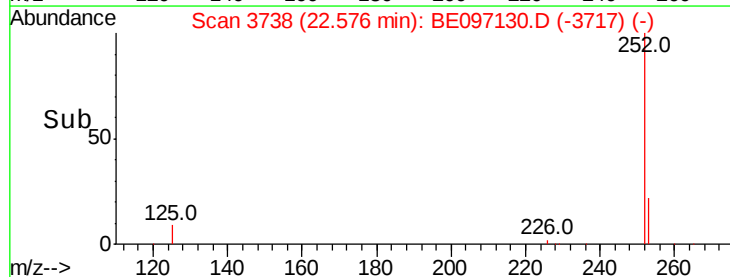
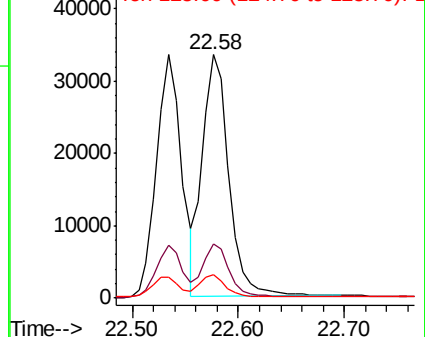
125 9.4 13.7 20.5#

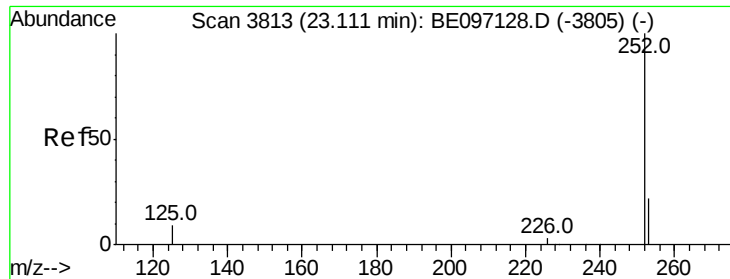


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.934 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. -0.00 min

Lab File: BE097130.D

Acq: 1 Aug 2018 14:56

Instrument :

BNA_E

ClientSampleId :

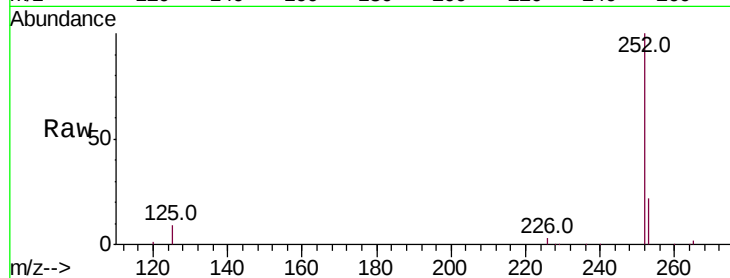
Tot Ion:252 Resp: 53047

Ion Ratio Lower Upper

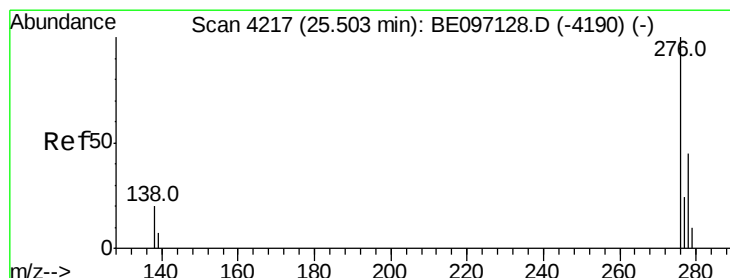
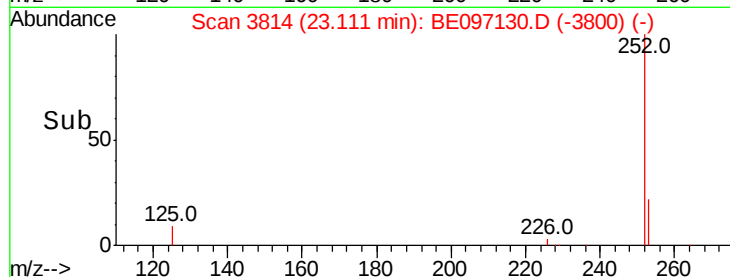
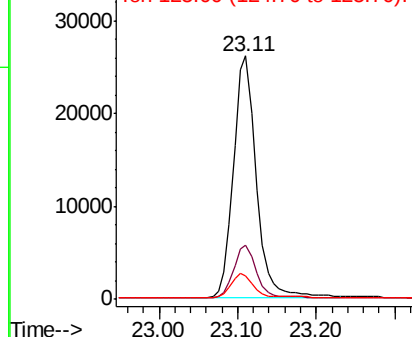
252 100

253 22.4 28.5 42.7#

125 9.5 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: 2.402 ng/ul

RT: 25.50 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BE097130.D

Acq: 1 Aug 2018 14:56

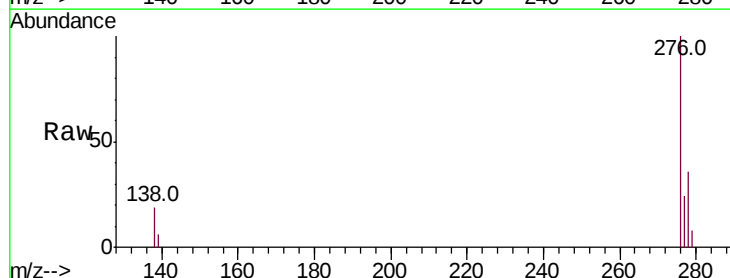
Tgt Ion:276 Resp: 68372

Ion Ratio Lower Upper

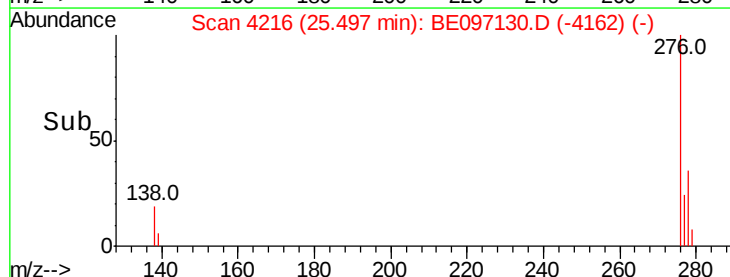
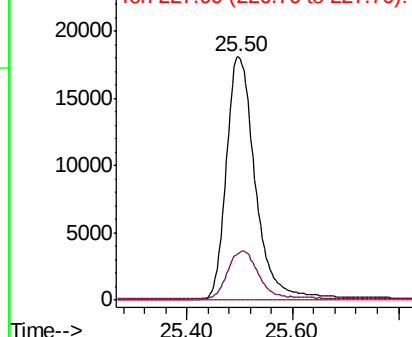
276 100

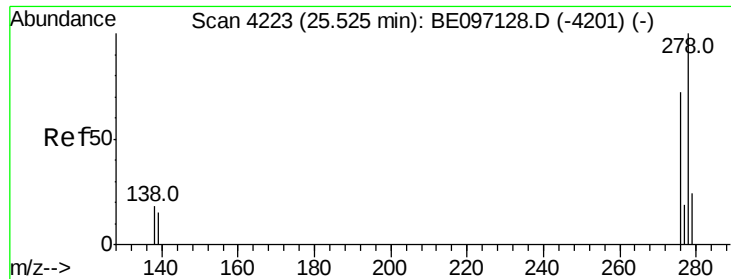
138 21.5 28.0 42.0#

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

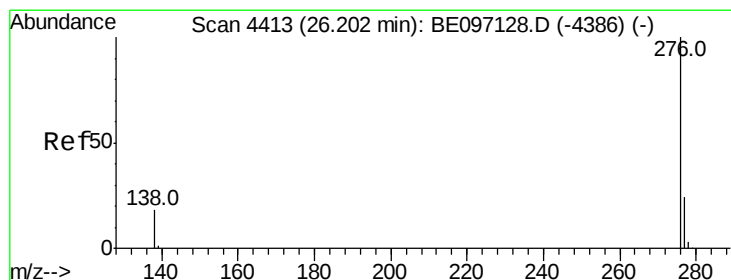
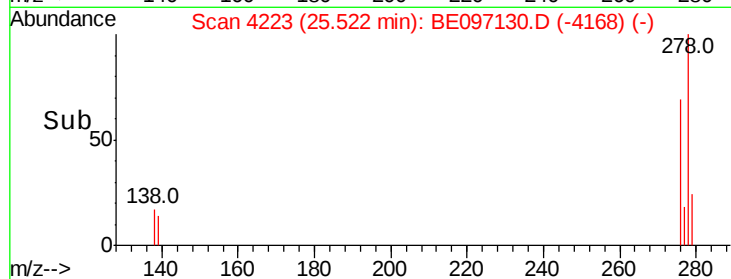
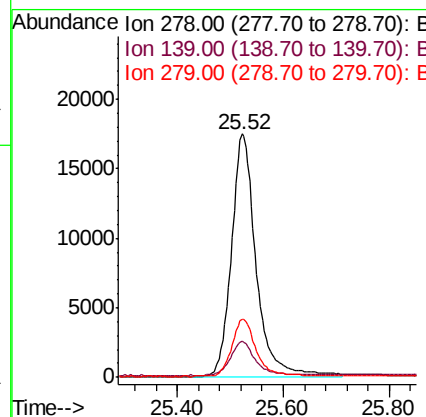
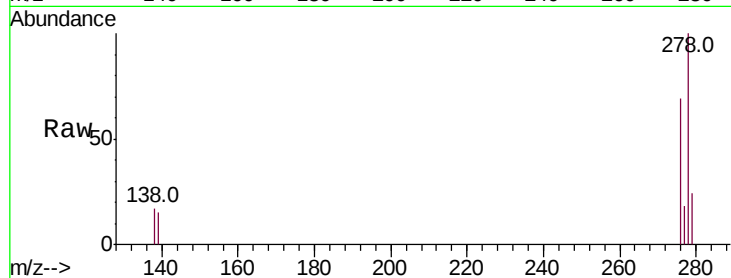




#25
Dibenzo(a,h)anthracene
Concen: 2.492 ng/ul
RT: 25.52 min Scan# 4223
Delta R.T. -0.00 min
Lab File: BE097130.D
Acq: 1 Aug 2018 14:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 56359
Ion Ratio Lower Upper
278 100
139 14.7 17.4 26.0#
279 23.9 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 2.139 ng/ul
RT: 26.19 min Scan# 4411
Delta R.T. -0.01 min
Lab File: BE097130.D
Acq: 1 Aug 2018 14:56

Tgt Ion:276 Resp: 59098
Ion Ratio Lower Upper
276 100
138 18.8 21.8 32.8#
277 23.8 20.5 30.7

