

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097300.D
 Acq On : 17 Aug 2018 17:10
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 17 23:15:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 14:15:15 2018
 Response via : Initial Calibration

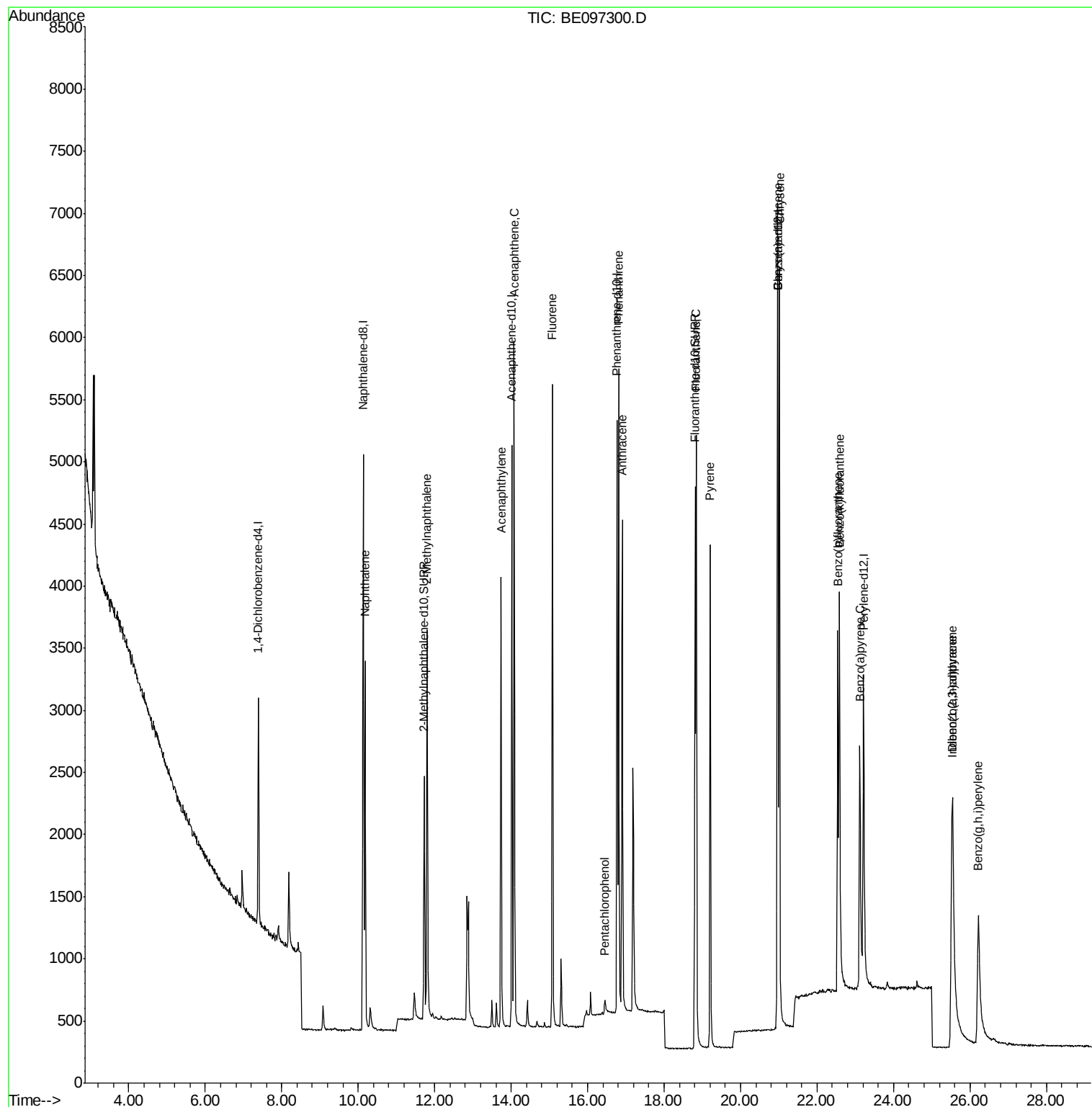
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	948	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	4956	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	2578	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	5790	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	4861	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	4020	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2964	0.37	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	5671	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	4518	0.374	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	2901	0.372	ng/ul	99
7) Acenaphthylene	13.73	152	4284	0.368	ng/ul	98
8) Acenaphthene	14.08	153	3134	0.374	ng/ul#	88
9) Fluorene	15.08	166	3364	0.369	ng/ul	92
11) Pentachlorophenol	16.45	266	103	0.274	ng/ul	90
12) Phenanthrene	16.81	178	5518	0.369	ng/ul#	89
13) Anthracene	16.90	178	4577	0.365	ng/ul#	92
15) Fluoranthene	18.84	202	5815	0.366	ng/ul	86
17) Pyrene	19.21	202	5023	0.342	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	4382	0.364	ng/ul#	85
19) Chrysene	21.02	228	5442	0.378	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	4082	0.375	ng/ul	86
22) Benzo(k)fluoranthene	22.58	252	5071	0.375	ng/ul#	89
23) Benzo(a)pyrene	23.12	252	3793	0.377	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.53	276	4457	0.356	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.55	278	3621	0.358	ng/ul	94
26) Benzo(g,h,i)perylene	26.22	276	3698	0.369	ng/ul	93

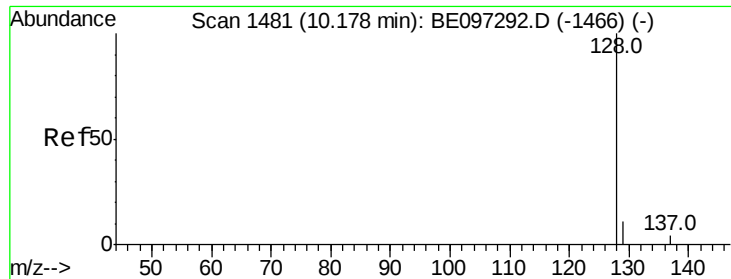
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.374 ng/ul

RT: 10.18 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BE097300.D

Acq: 17 Aug 2018 17:10

Instrument :

BNA_E

ClientSampleId :

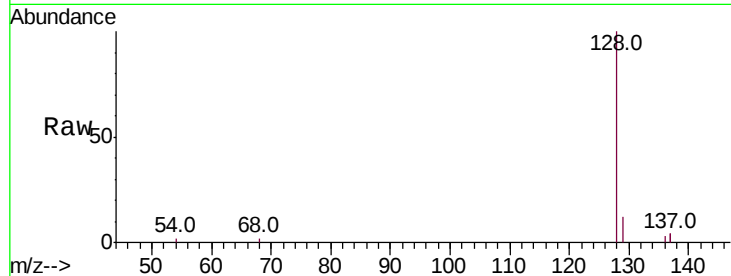
Tot Ion:128 Resp: 4518

Ion Ratio Lower Upper

128 100

129 12.4 11.3 16.9

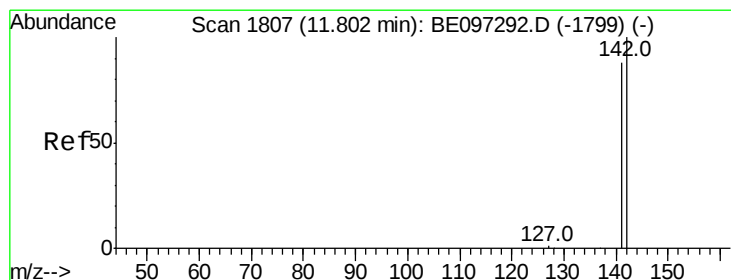
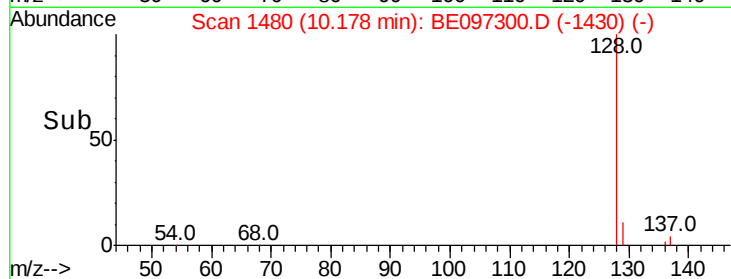
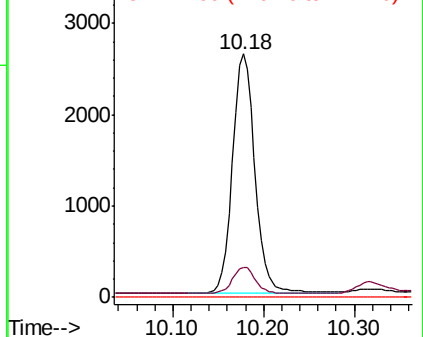
127 0.0 4.0 6.0#



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: 0.372 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BE097300.D

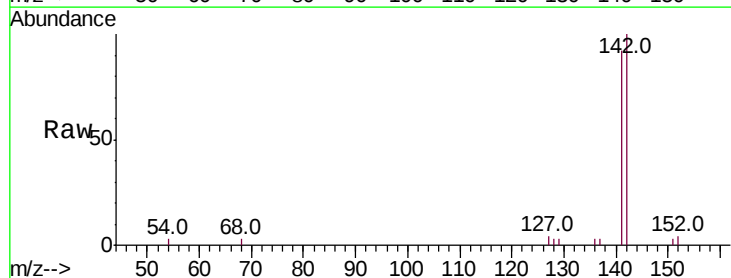
Acq: 17 Aug 2018 17:10

Tgt Ion:142 Resp: 2901

Ion Ratio Lower Upper

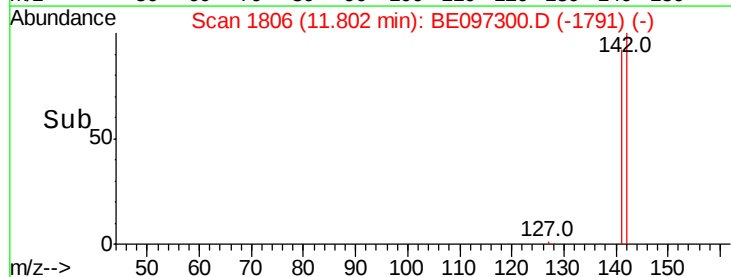
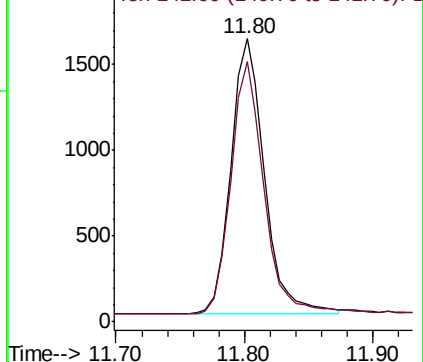
142 100

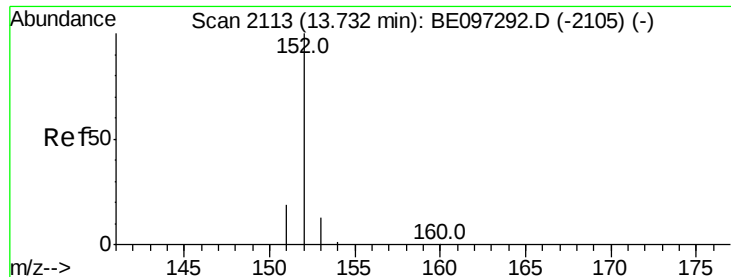
141 90.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.368 ng/ul

RT: 13.73 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE097300.D

Acq: 17 Aug 2018 17:10

Instrument :

BNA_E

ClientSampleId :

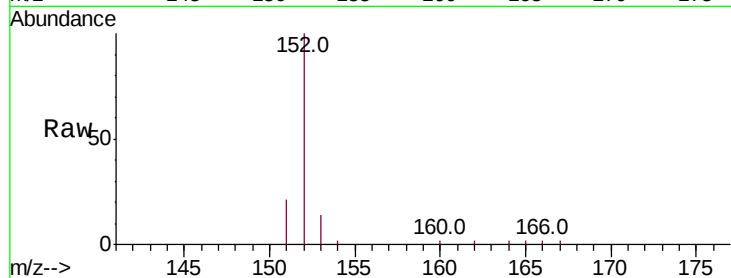
Tot Ion:152 Resp: 4284

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

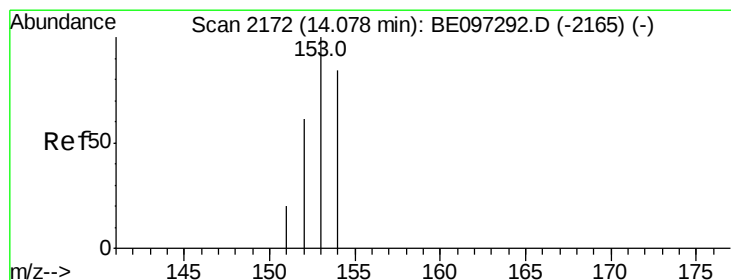
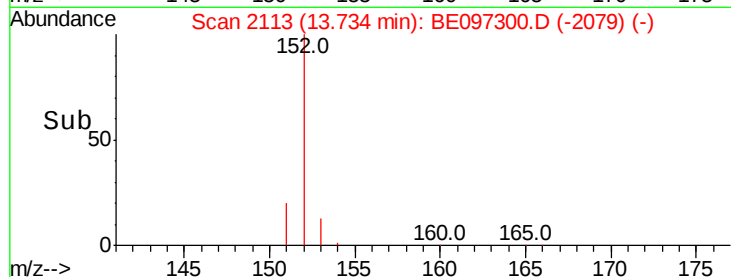
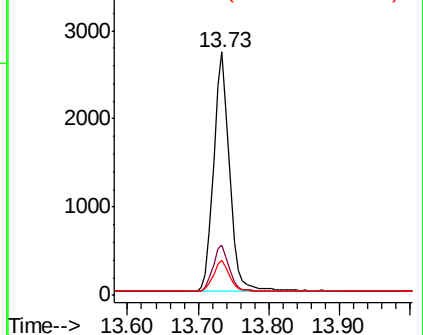
153 14.4 12.8 19.2



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: 0.374 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BE097300.D

Acq: 17 Aug 2018 17:10

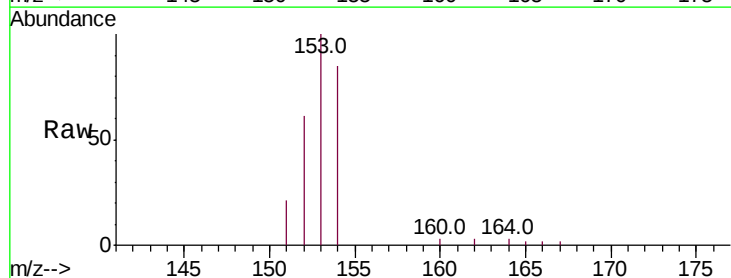
Tgt Ion:153 Resp: 3134

Ion Ratio Lower Upper

153 100

152 60.9 36.0 54.0#

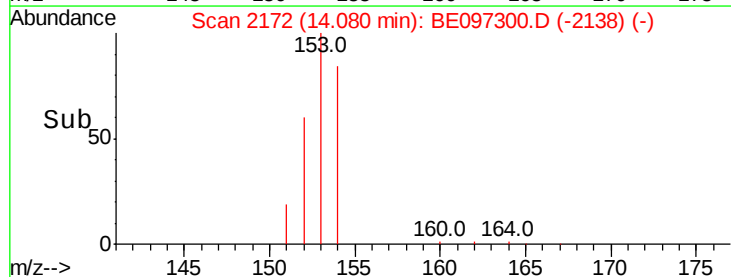
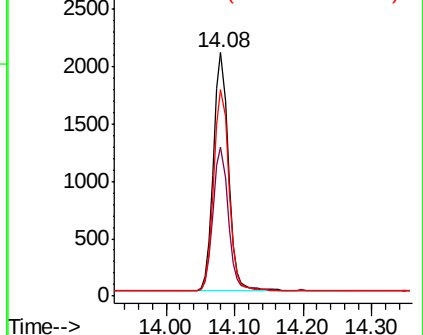
154 84.6 72.0 108.0

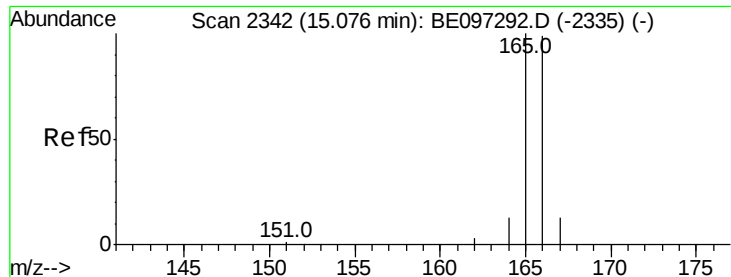


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

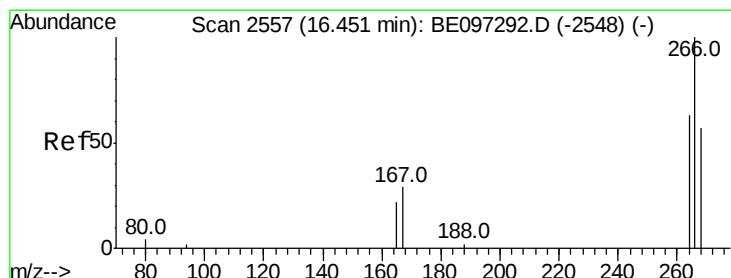
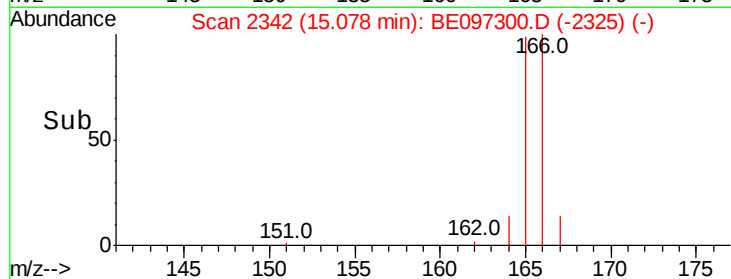
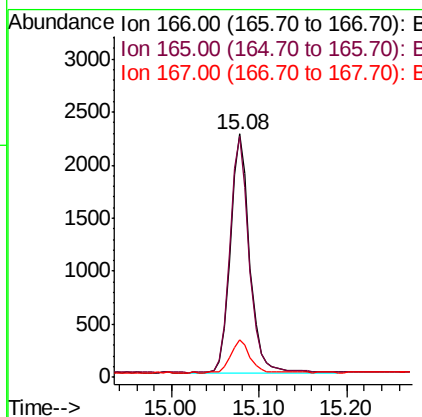
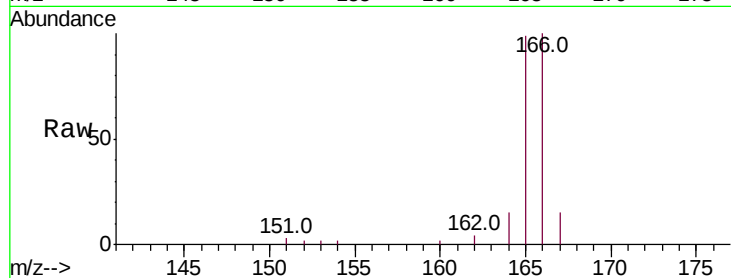




#9
Fluorene
 Concen: 0.369 ng/ul
 RT: 15.08 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BE097300.D
 Acq: 17 Aug 2018 17:10

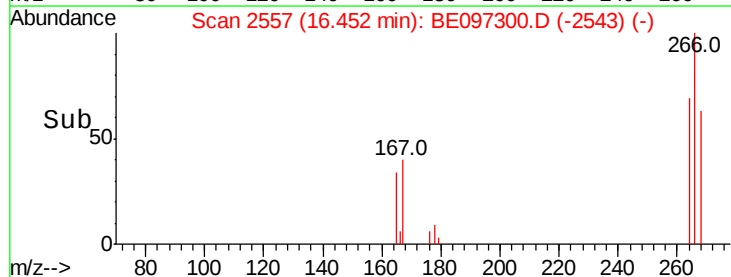
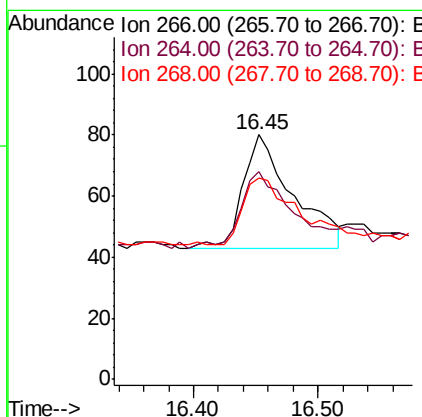
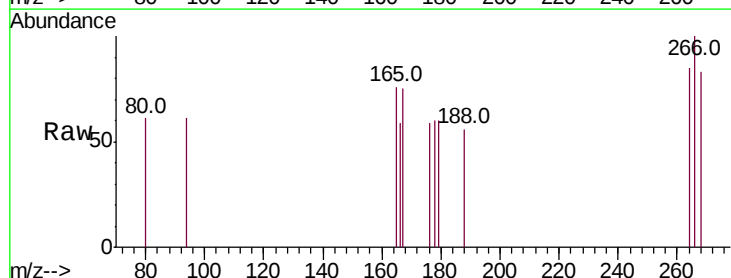
Instrument :
 BNA_E
 ClientSampleId :

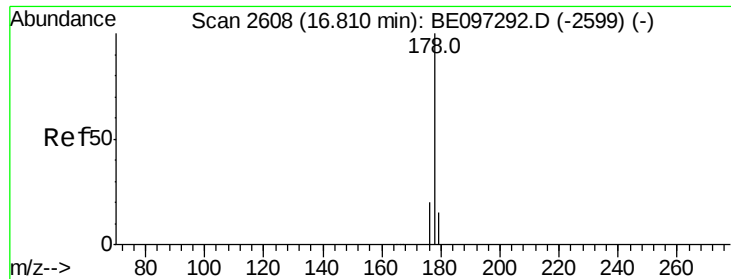
Tot Ion:166 Resp: 3364
 Ion Ratio Lower Upper
 166 100
 165 99.1 73.4 110.2
 167 15.2 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.274 ng/ul
 RT: 16.45 min Scan# 2557
 Delta R.T. 0.00 min
 Lab File: BE097300.D
 Acq: 17 Aug 2018 17:10

Tgt Ion:266 Resp: 103
 Ion Ratio Lower Upper
 266 100
 264 70.9 47.9 71.9
 268 66.0 49.8 74.8

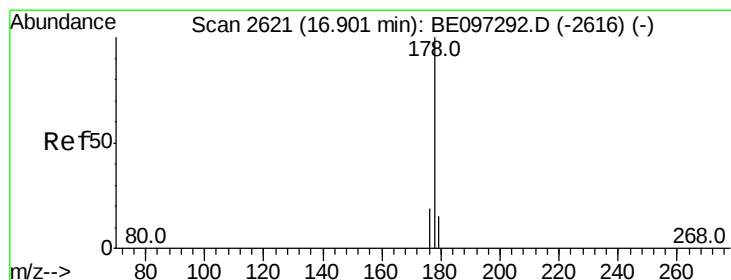
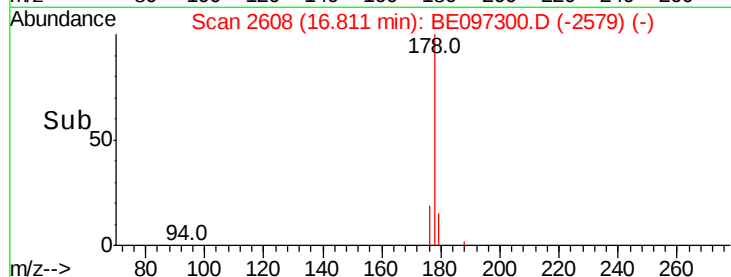
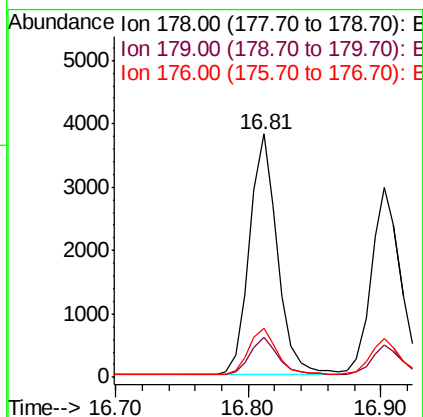
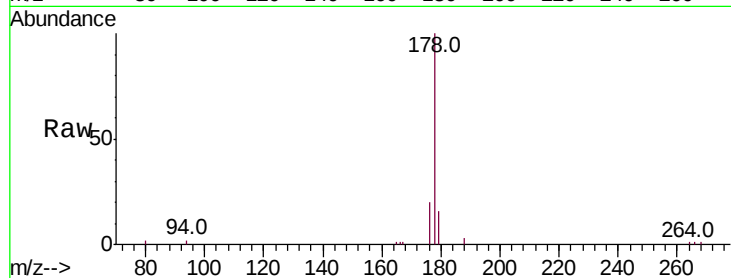




#12
Phenanthrene
Concen: 0.369 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE097300.D
Acq: 17 Aug 2018 17:10

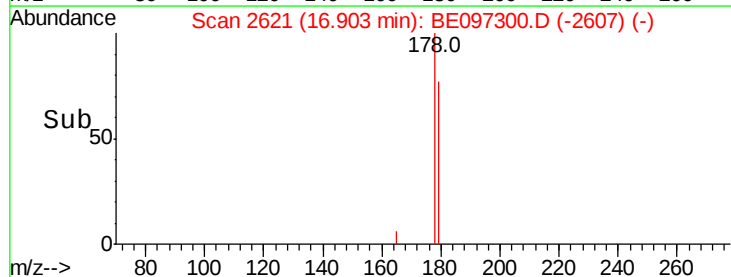
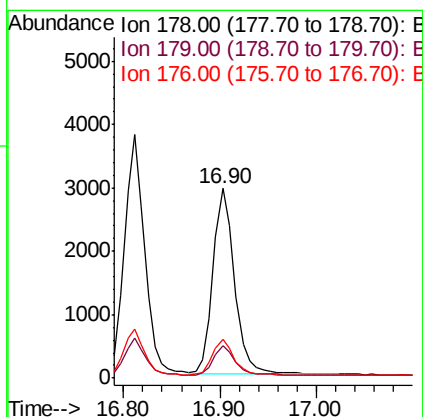
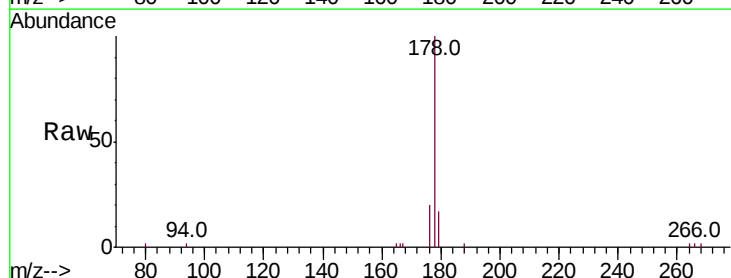
Instrument :
BNA_E
ClientSampleId :

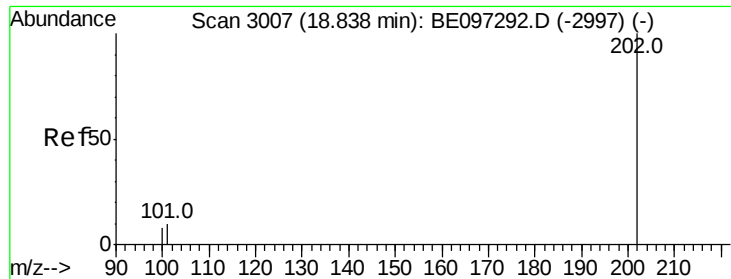
Tot Ion:178 Resp: 5518
Ion Ratio Lower Upper
178 100
179 16.3 18.4 27.6#
176 20.0 13.6 20.4



#13
Anthracene
Concen: 0.365 ng/ul
RT: 16.90 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BE097300.D
Acq: 17 Aug 2018 17:10

Tgt Ion:178 Resp: 4577
Ion Ratio Lower Upper
178 100
179 16.8 18.1 27.1#
176 20.2 14.7 22.1

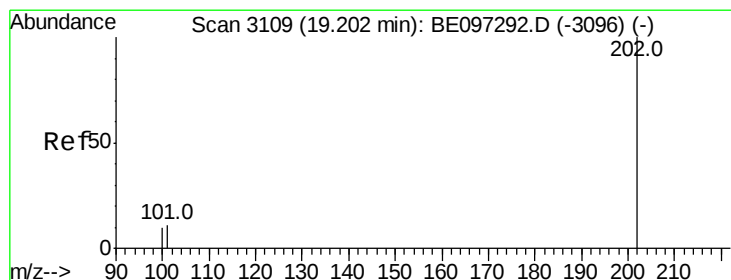
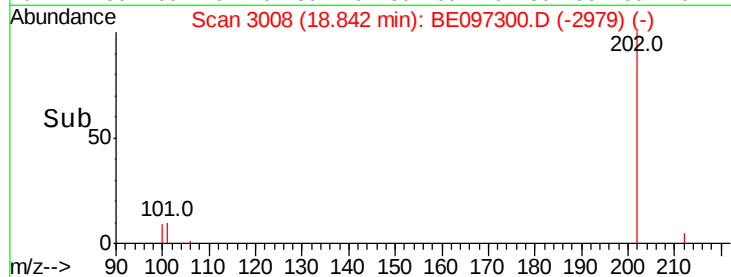
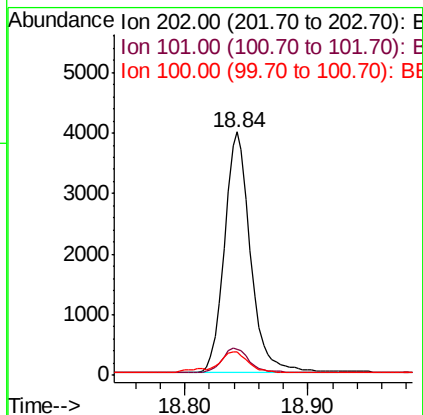
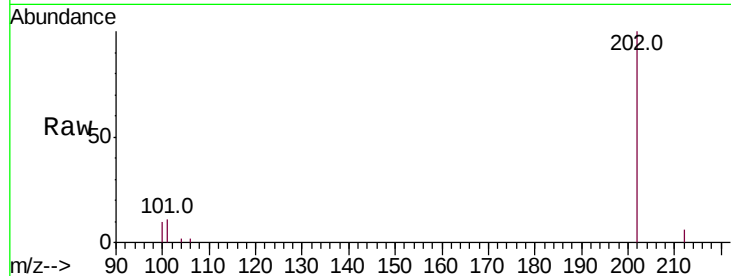




#15
Fluoranthene
 Concen: 0.366 ng/ul
 RT: 18.84 min Scan# 3008
 Delta R.T. 0.00 min
 Lab File: BE097300.D
 Acq: 17 Aug 2018 17:10

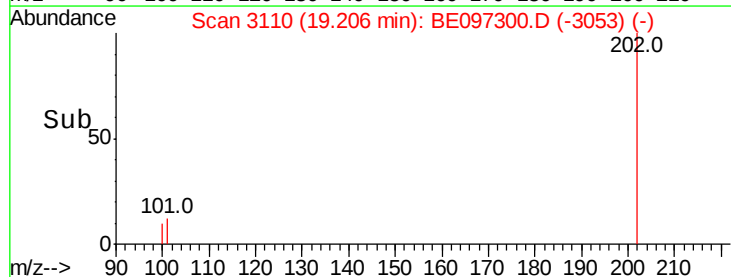
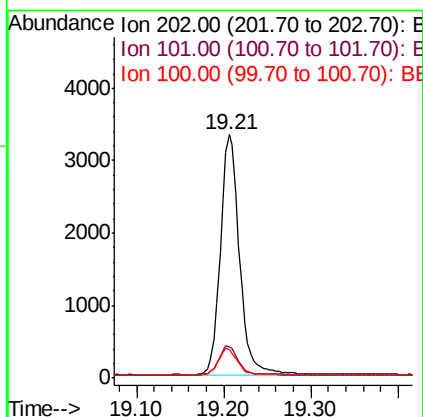
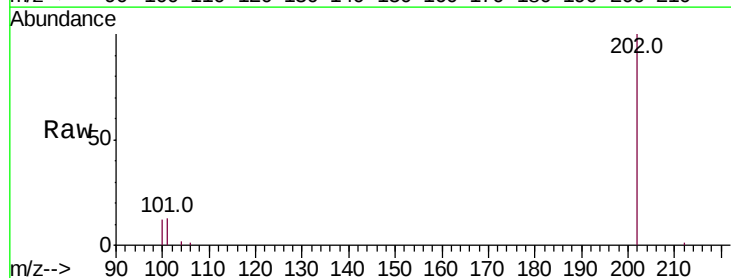
Instrument :
 BNA_E
 ClientSampleId :

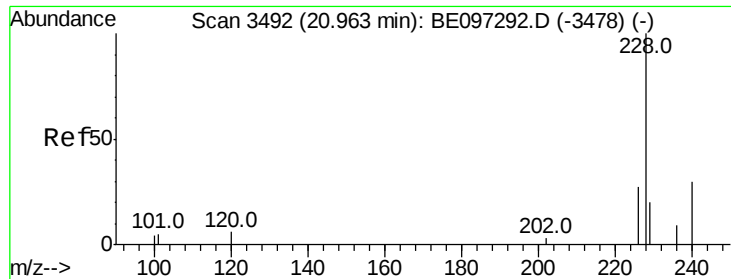
Tot Ion:202 Resp: 5815
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 30.3
 100 9.8 0.0 39.5



#17
Pyrene
 Concen: 0.342 ng/ul
 RT: 19.21 min Scan# 3110
 Delta R.T. 0.00 min
 Lab File: BE097300.D
 Acq: 17 Aug 2018 17:10

Tgt Ion:202 Resp: 5023
 Ion Ratio Lower Upper
 202 100
 101 12.9 18.2 27.4#
 100 11.6 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.364 ng/ul

RT: 20.96 min Scan# 3492

Delta R.T. 0.00 min

Lab File: BE097300.D

Acq: 17 Aug 2018 17:10

Instrument :

BNA_E

ClientSampleId :

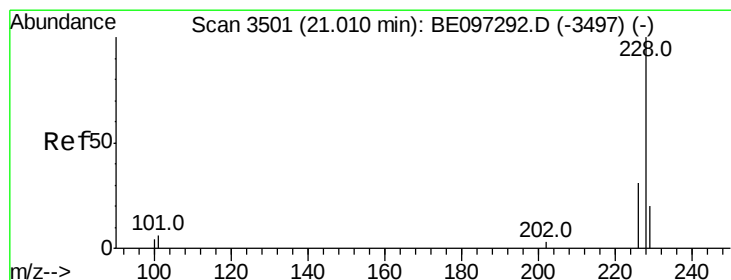
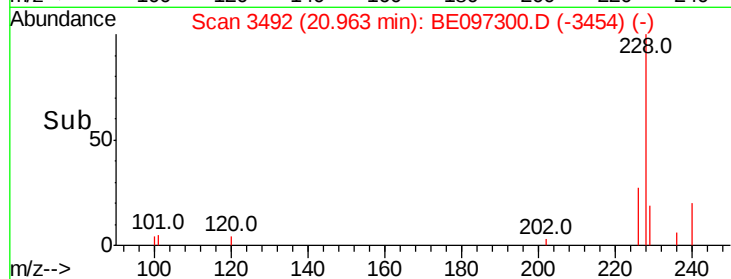
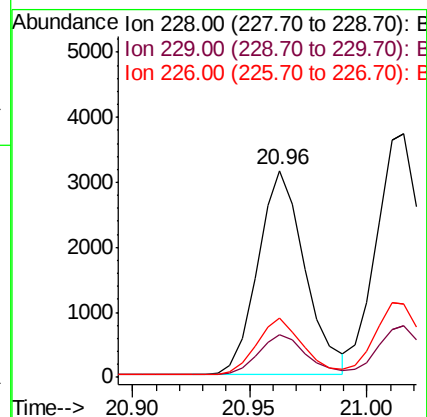
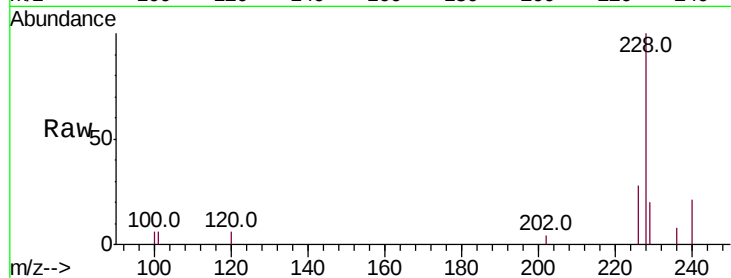
Tot Ion:228 Resp: 4382

Ion Ratio Lower Upper

228 100

229 20.4 22.8 34.2#

226 28.4 17.0 25.6#



#19

Chrysene

Concen: 0.378 ng/ul

RT: 21.02 min Scan# 3502

Delta R.T. 0.01 min

Lab File: BE097300.D

Acq: 17 Aug 2018 17:10

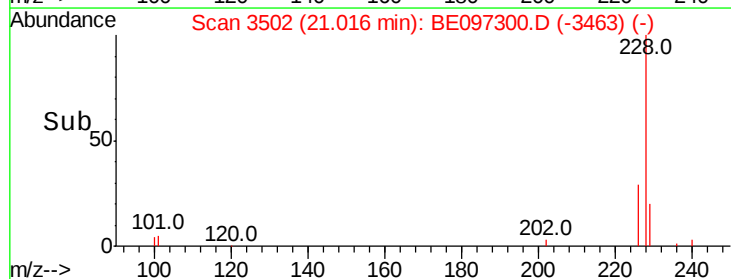
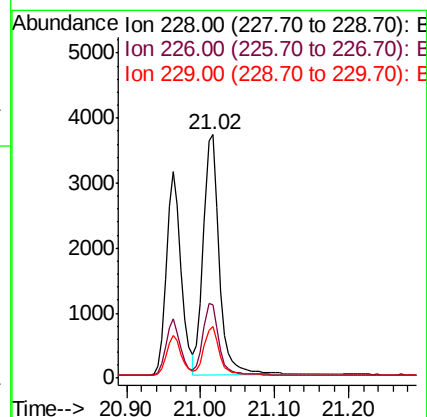
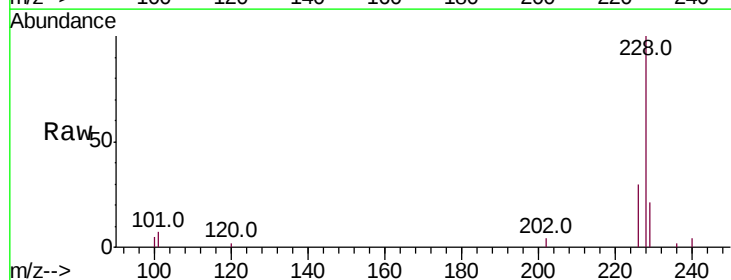
Tgt Ion:228 Resp: 5442

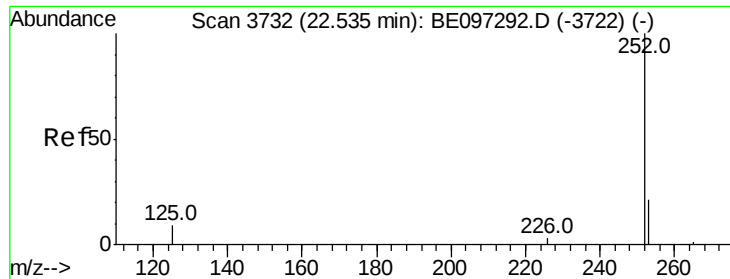
Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.0

229 21.0 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.375 ng/ul

RT: 22.54 min Scan# 3733

Delta R.T. 0.01 min

Lab File: BE097300.D

Acq: 17 Aug 2018 17:10

Instrument :

BNA_E

ClientSampleId :

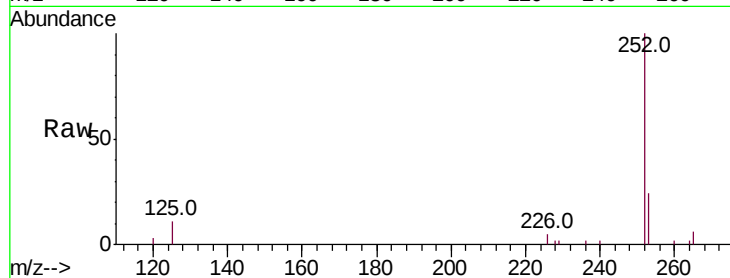
Tot Ion:252 Resp: 4082

Ion Ratio Lower Upper

252 100

253 24.5 0.0 64.2

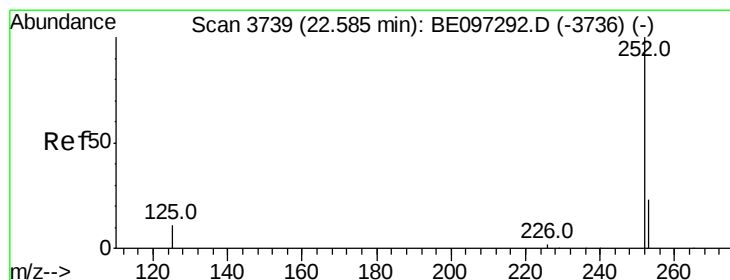
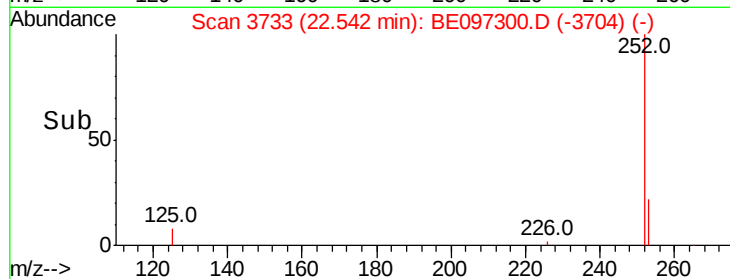
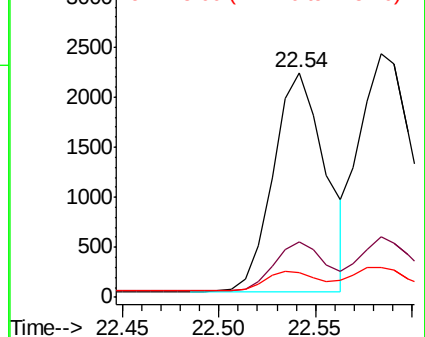
125 10.7 0.0 35.0



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: 0.375 ng/ul

RT: 22.58 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BE097300.D

Acq: 17 Aug 2018 17:10

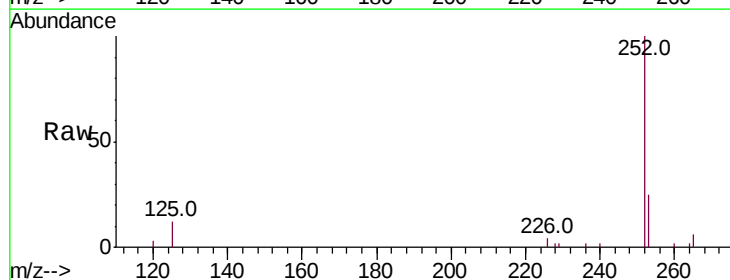
Tgt Ion:252 Resp: 5071

Ion Ratio Lower Upper

252 100

253 24.8 24.5 36.7

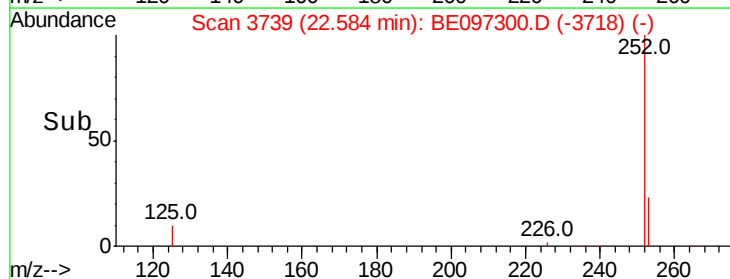
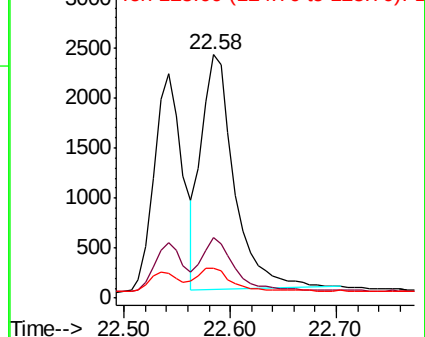
125 12.5 13.7 20.5#

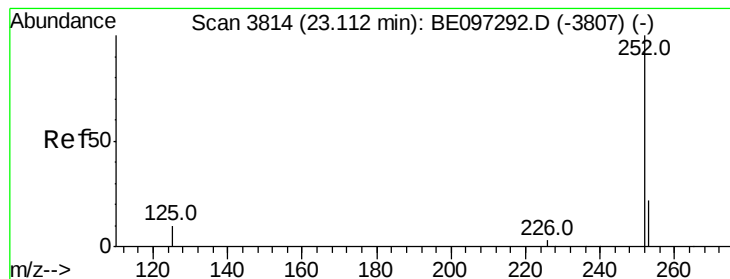


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.377 ng/ul

RT: 23.12 min Scan# 3815

Delta R.T. 0.01 min

Lab File: BE097300.D

Acq: 17 Aug 2018 17:10

Instrument :

BNA_E

ClientSampleId :

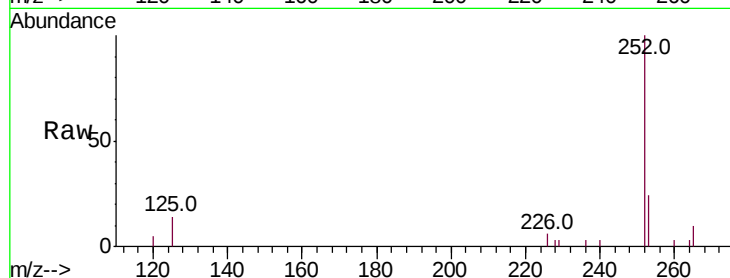
Tot Ion:252 Resp: 3793

Ion Ratio Lower Upper

252 100

253 24.4 28.5 42.7#

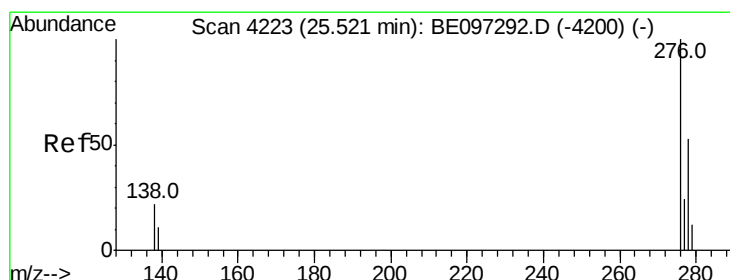
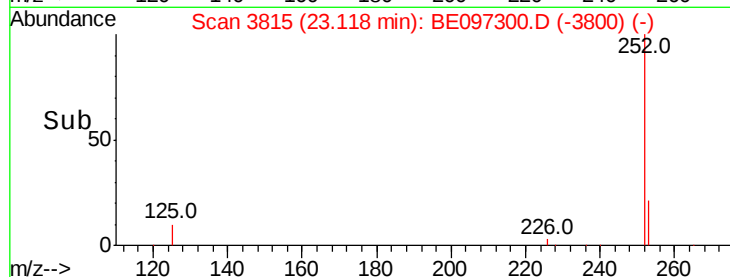
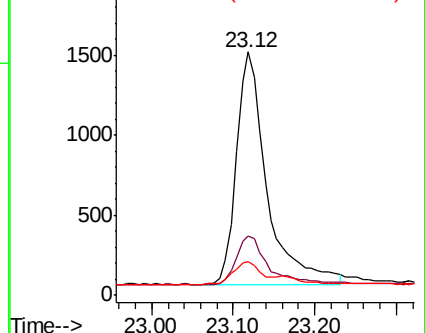
125 14.0 18.1 27.1#



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: 0.356 ng/ul

RT: 25.53 min Scan# 4225

Delta R.T. 0.01 min

Lab File: BE097300.D

Acq: 17 Aug 2018 17:10

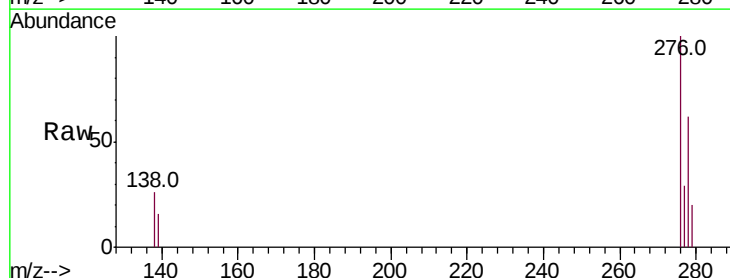
Tgt Ion:276 Resp: 4457

Ion Ratio Lower Upper

276 100

138 22.0 28.0 42.0#

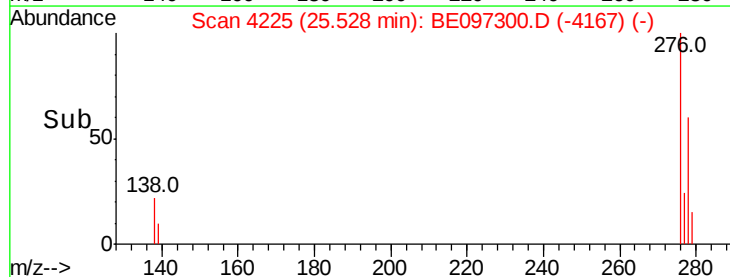
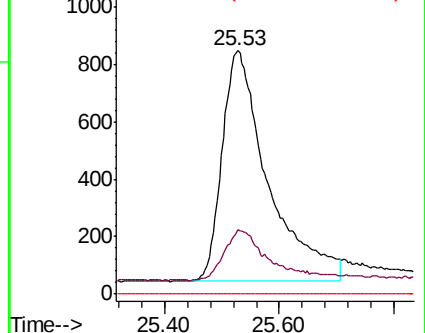
227 0.0 8.0 12.0#

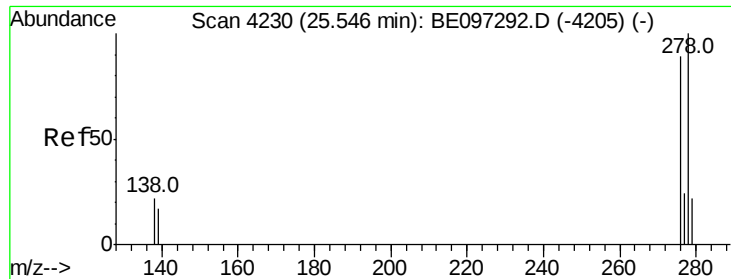


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



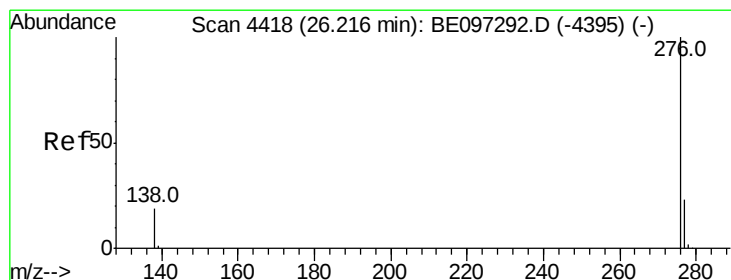
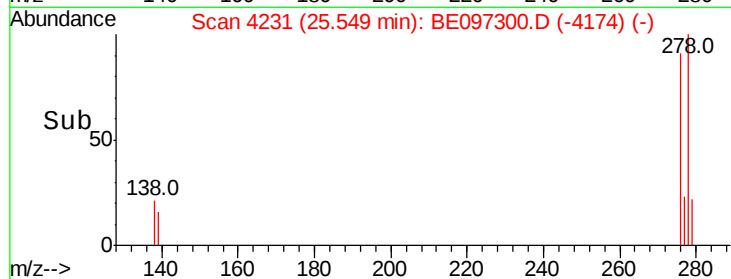
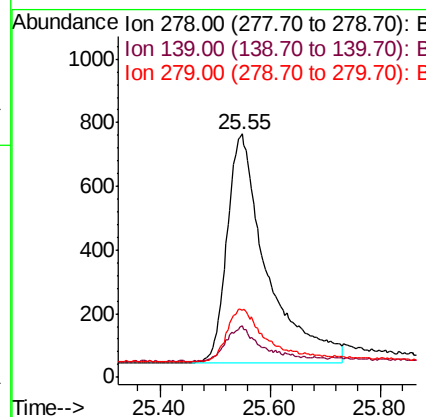
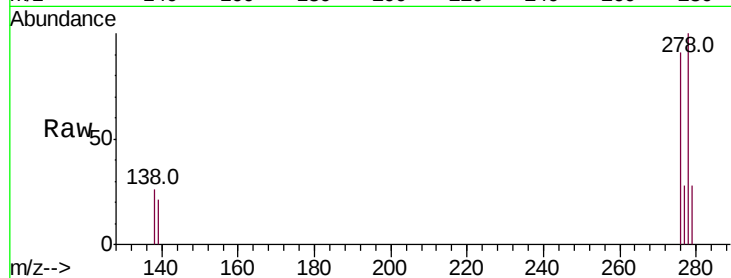


#25
Dibenzo(a,h)anthracene
Concen: 0.358 ng/ul
RT: 25.55 min Scan# 4231
Delta R.T. 0.00 min
Lab File: BE097300.D
Acq: 17 Aug 2018 17:10

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 3621

Ion	Ratio	Lower	Upper
278	100		
139	21.2	17.4	26.0
279	27.6	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.369 ng/ul
RT: 26.22 min Scan# 4419
Delta R.T. 0.00 min
Lab File: BE097300.D
Acq: 17 Aug 2018 17:10

Tgt Ion:276 Resp: 3698

Ion	Ratio	Lower	Upper
276	100		
138	23.0	21.8	32.8
277	28.2	20.5	30.7

