

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082918\
 Data File : BE097399.D
 Acq On : 29 Aug 2018 21:08
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 30 02:13:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 02:12:09 2018
 Response via : Initial Calibration

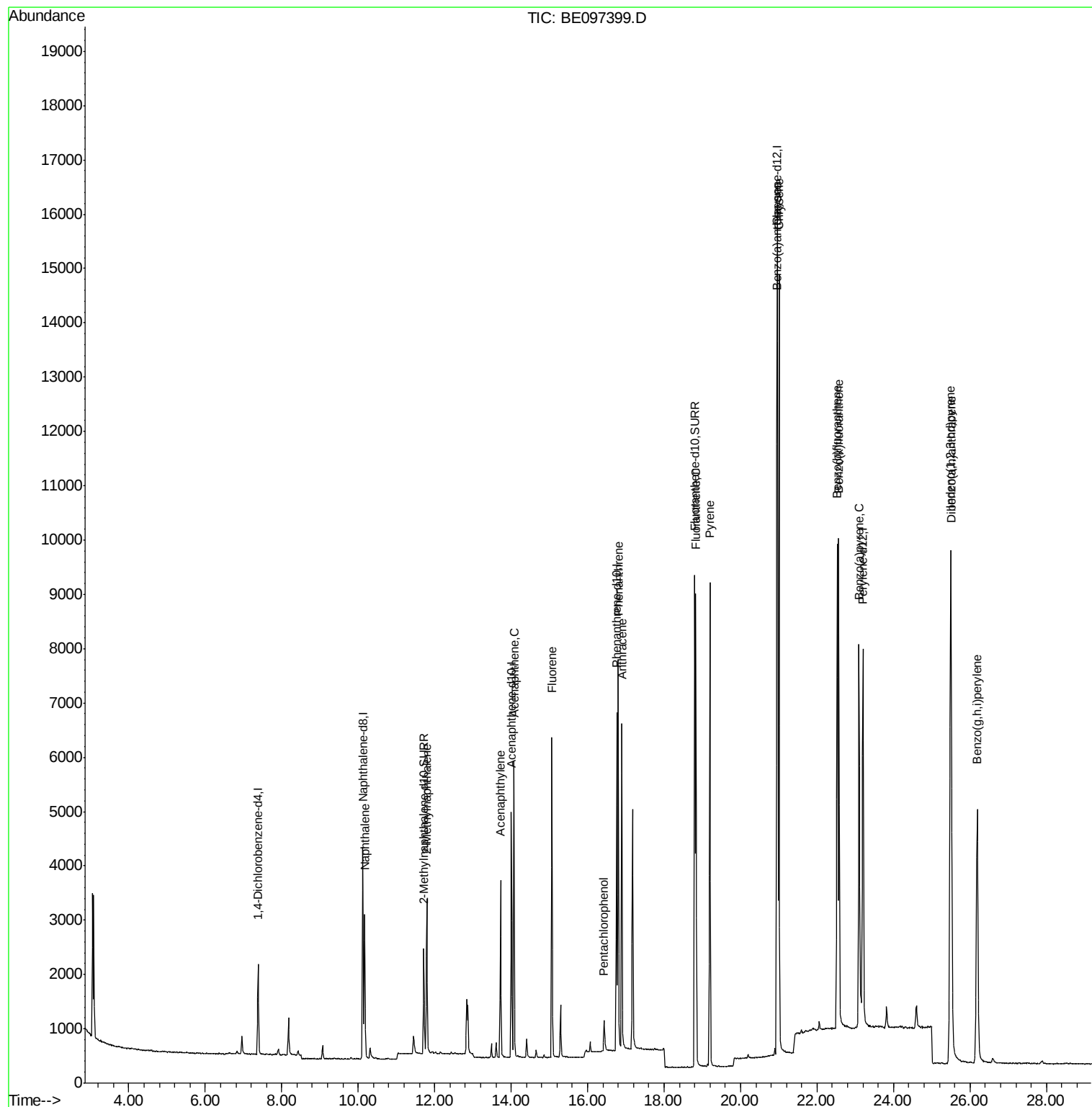
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	838	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4174	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	2496	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	7245	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9526	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	9531	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2773	0.43	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	10062	0.42	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	4095	0.402	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	2723	0.423	ng/ul	98
7) Acenaphthylene	13.73	152	3900	0.429	ng/ul	99
8) Acenaphthene	14.07	153	3153	0.403	ng/ul	96
9) Fluorene	15.07	166	3776	0.422	ng/ul	94
11) Pentachlorophenol	16.43	266	361	0.506	ng/ul	94
12) Phenanthrene	16.80	178	7494	0.402	ng/ul#	90
13) Anthracene	16.89	178	6753	0.431	ng/ul#	92
15) Fluoranthene	18.83	202	9902	0.413	ng/ul	84
17) Pyrene	19.20	202	10215	0.398	ng/ul#	79
18) Benzo(a)anthracene	20.95	228	11106	0.454	ng/ul#	85
19) Chrysene	21.00	228	11422	0.405	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	11090	0.434	ng/ul	83
22) Benzo(k)fluoranthene	22.57	252	10965	0.385	ng/ul#	89
23) Benzo(a)pyrene	23.10	252	10534	0.446	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.49	276	12787	0.418	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.51	278	10633	0.410	ng/ul#	88
26) Benzo(g,h,i)perylene	26.19	276	10725	0.411	ng/ul#	92

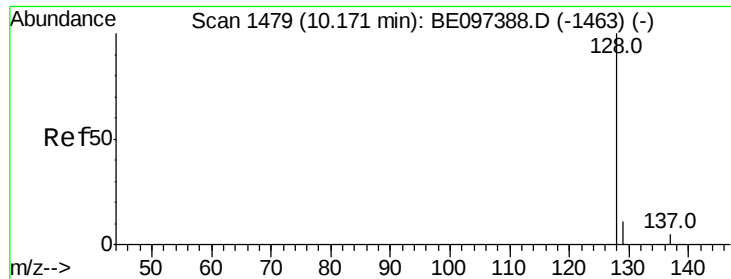
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.402 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE097399.D

Acq: 29 Aug 2018 21:08

Instrument :

BNA_E

ClientSampleId :

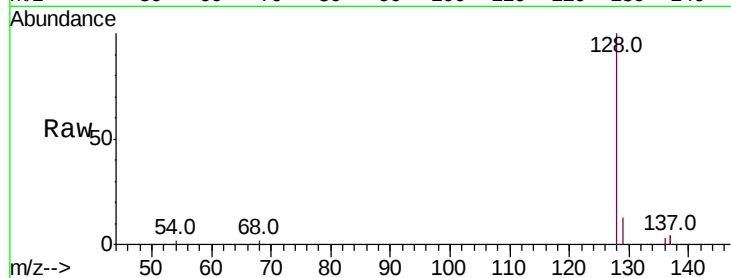
Tot Ion:128 Resp: 4095

Ion Ratio Lower Upper

128 100

129 12.7 11.3 16.9

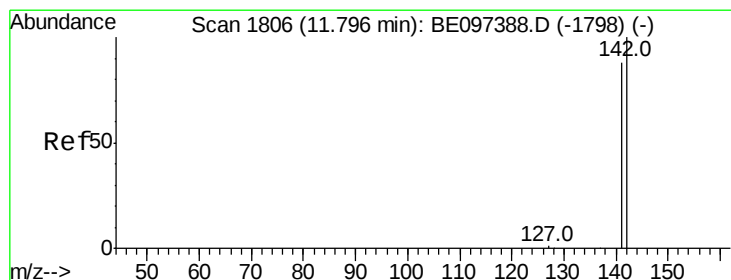
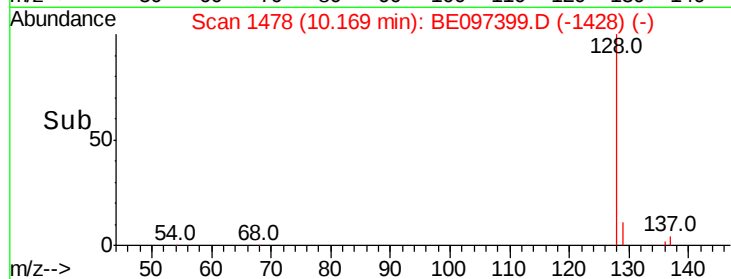
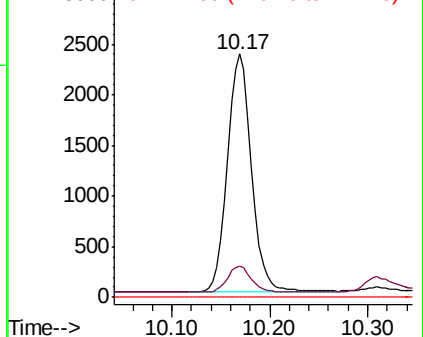
127 0.0 4.0 6.0#



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: 0.423 ng/ul

RT: 11.80 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BE097399.D

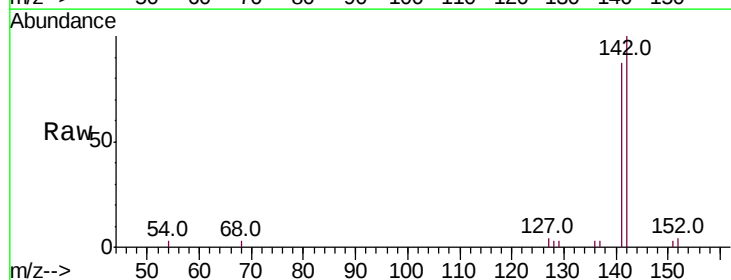
Acq: 29 Aug 2018 21:08

Tgt Ion:142 Resp: 2723

Ion Ratio Lower Upper

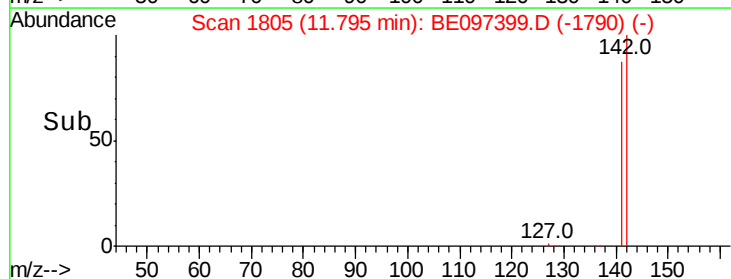
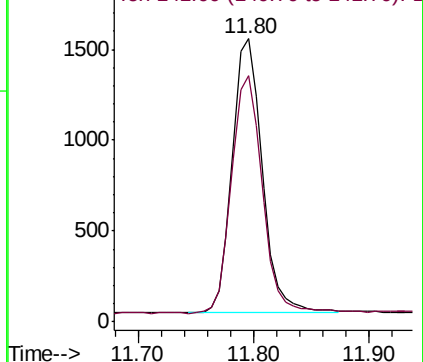
142 100

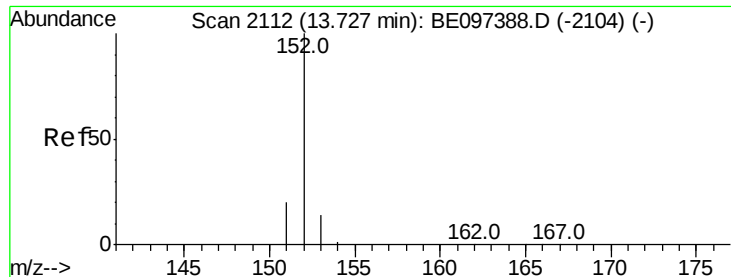
141 88.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.429 ng/ul

RT: 13.73 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BE097399.D

Acq: 29 Aug 2018 21:08

Instrument :

BNA_E

ClientSampleId :

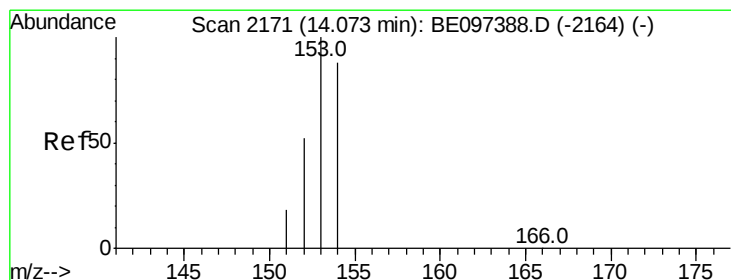
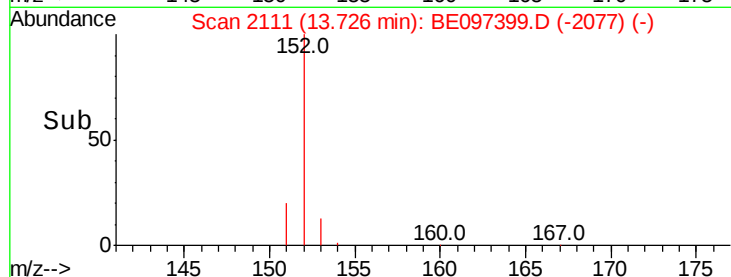
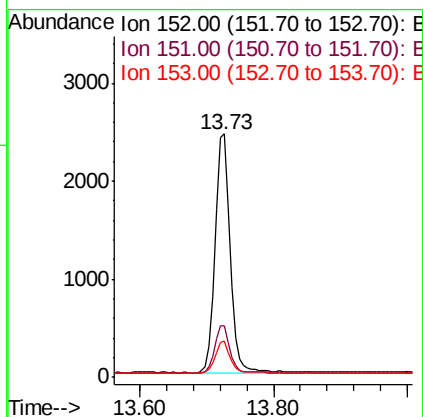
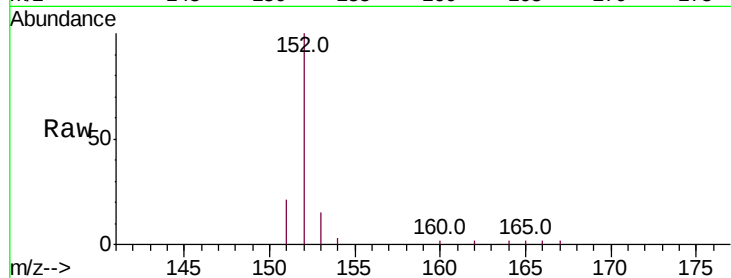
Tot Ion:152 Resp: 3900

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

153 15.1 12.8 19.2



#8

Acenaphthene

Concen: 0.403 ng/ul

RT: 14.07 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BE097399.D

Acq: 29 Aug 2018 21:08

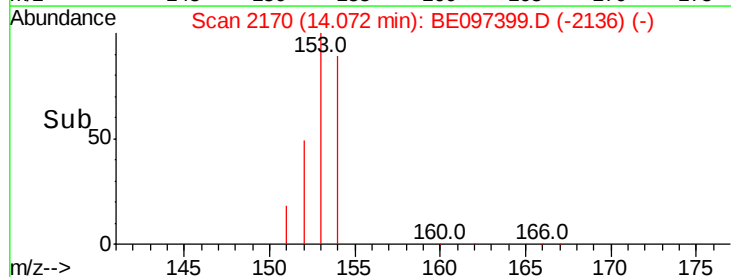
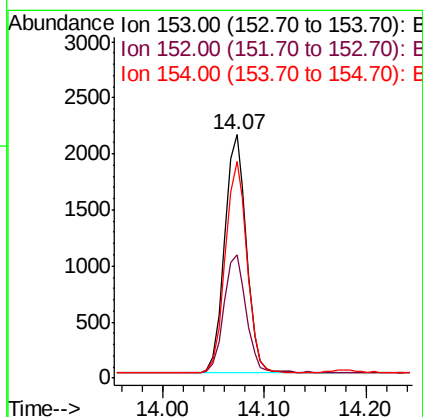
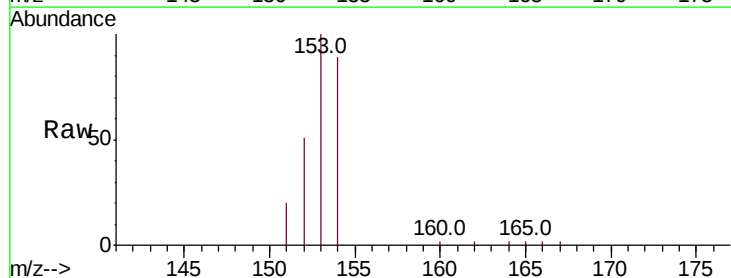
Tgt Ion:153 Resp: 3153

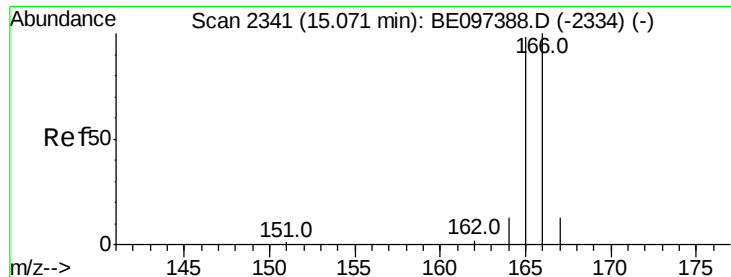
Ion Ratio Lower Upper

153 100

152 50.6 36.0 54.0

154 89.0 72.0 108.0

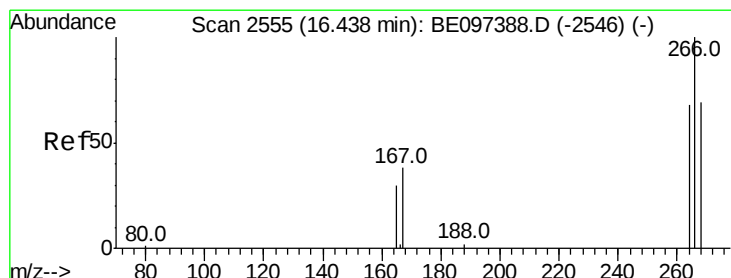
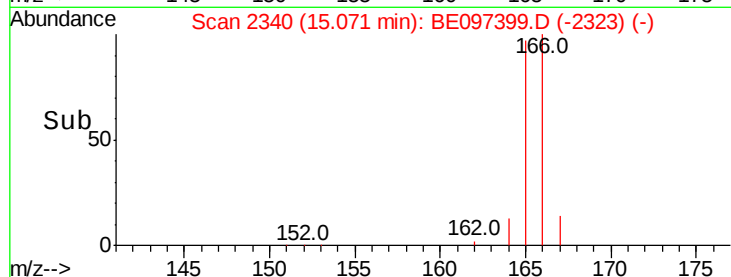
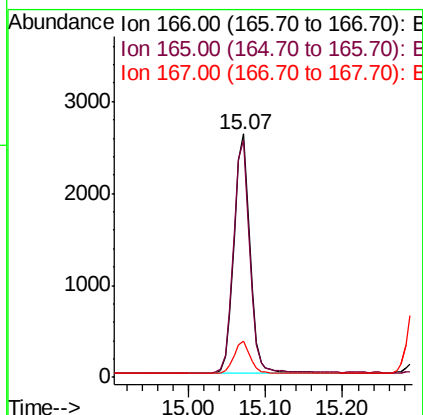
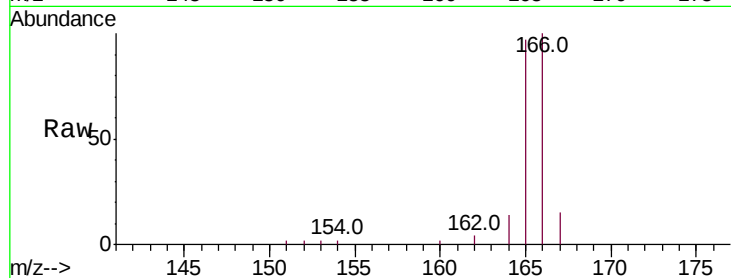




#9
Fluorene
 Concen: 0.422 ng/ul
 RT: 15.07 min Scan# 2340
 Delta R.T. -0.00 min
 Lab File: BE097399.D
 Acq: 29 Aug 2018 21:08

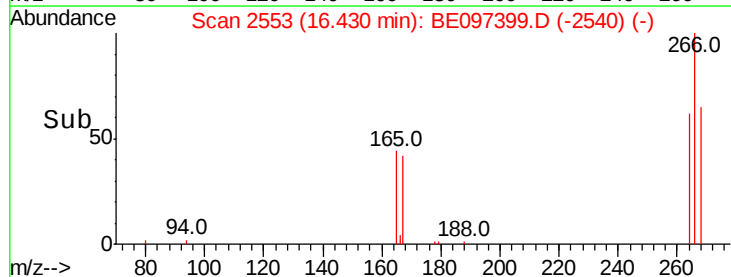
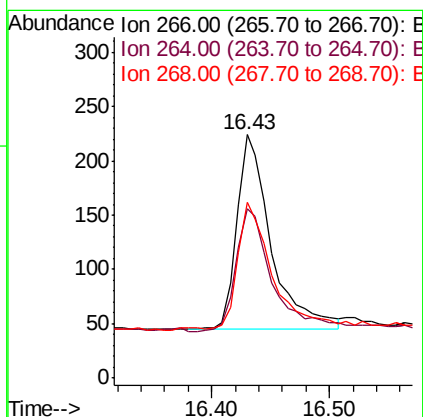
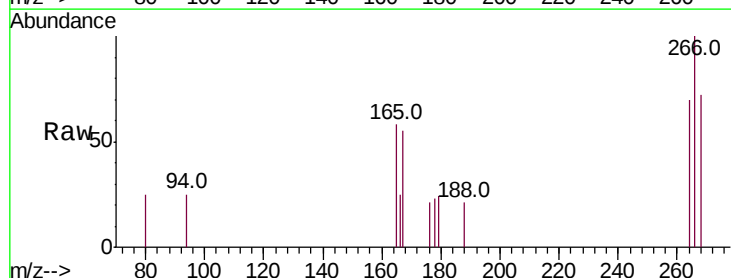
Instrument :
 BNA_E
 ClientSampleId :

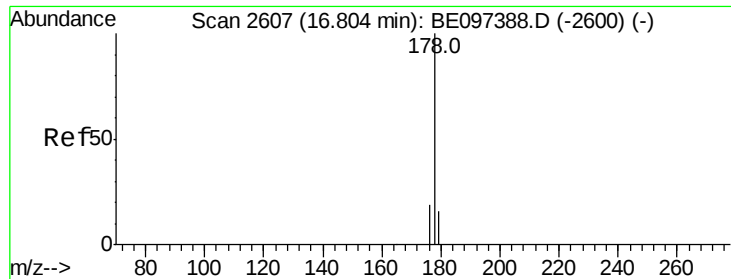
Tot Ion:166 Resp: 3776
 Ion Ratio Lower Upper
 166 100
 165 97.5 73.4 110.2
 167 15.1 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.506 ng/ul
 RT: 16.43 min Scan# 2553
 Delta R.T. -0.01 min
 Lab File: BE097399.D
 Acq: 29 Aug 2018 21:08

Tgt Ion:266 Resp: 361
 Ion Ratio Lower Upper
 266 100
 264 66.5 47.9 71.9
 268 65.4 49.8 74.8





#12

Phenanthrene

Concen: 0.402 ng/ul

RT: 16.80 min Scan# 2606

Delta R.T. -0.00 min

Lab File: BE097399.D

Acq: 29 Aug 2018 21:08

Instrument :

BNA_E

ClientSampleId :

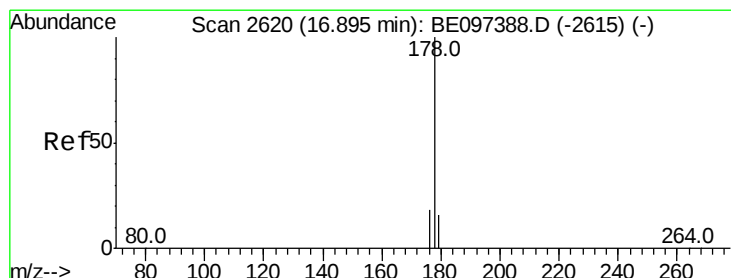
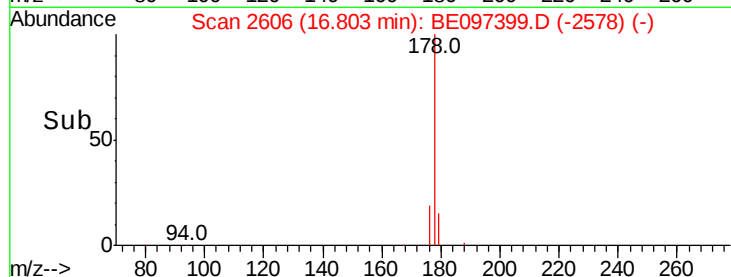
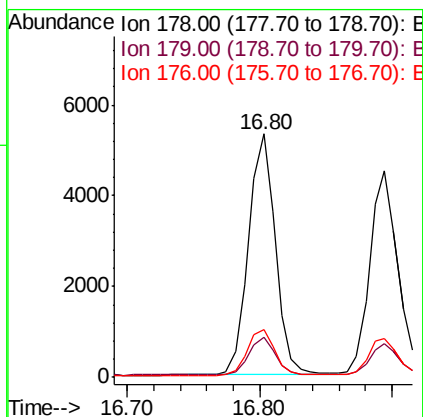
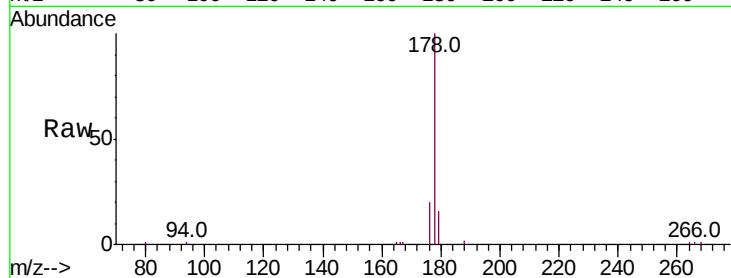
Tot Ion:178 Resp: 7494

Ion Ratio Lower Upper

178 100

179 16.3 18.4 27.6#

176 19.6 13.6 20.4



#13

Anthracene

Concen: 0.431 ng/ul

RT: 16.89 min Scan# 2619

Delta R.T. -0.00 min

Lab File: BE097399.D

Acq: 29 Aug 2018 21:08

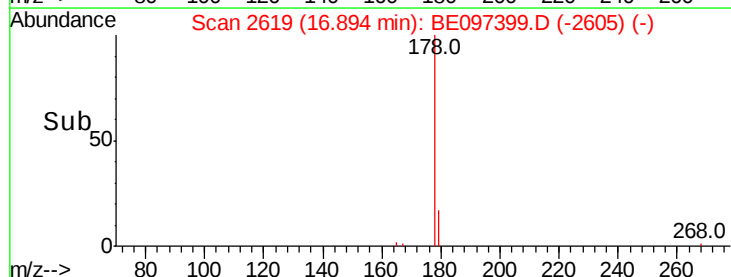
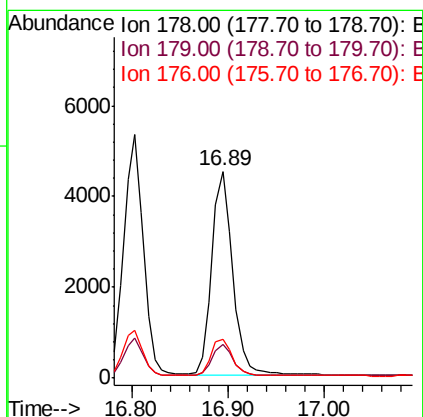
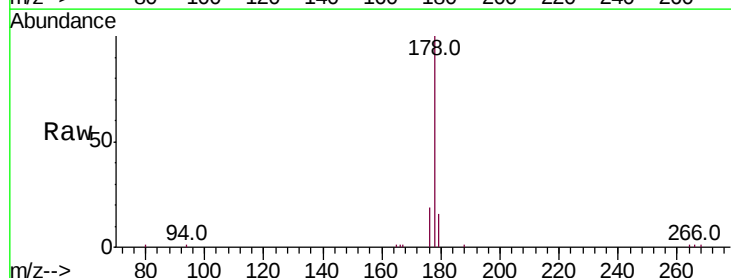
Tgt Ion:178 Resp: 6753

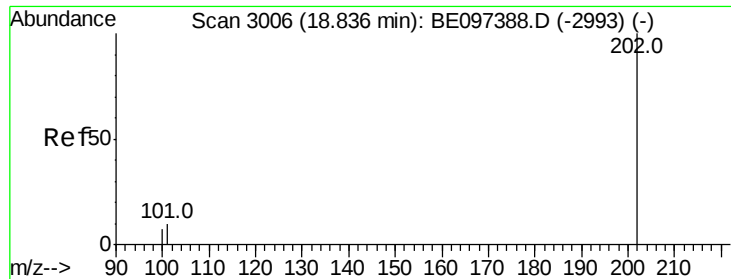
Ion Ratio Lower Upper

178 100

179 16.2 18.1 27.1#

176 18.9 14.7 22.1

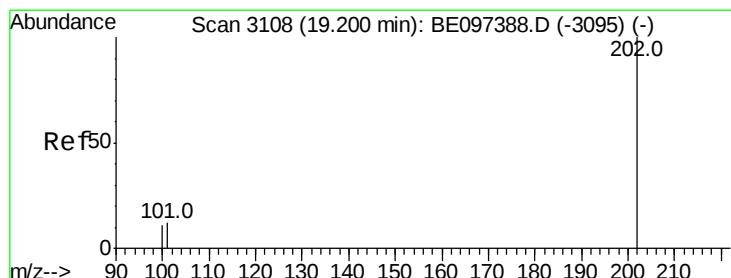
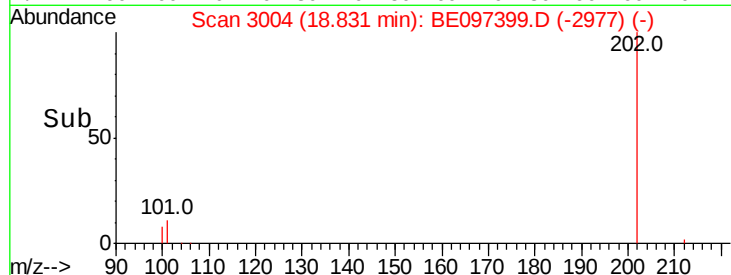
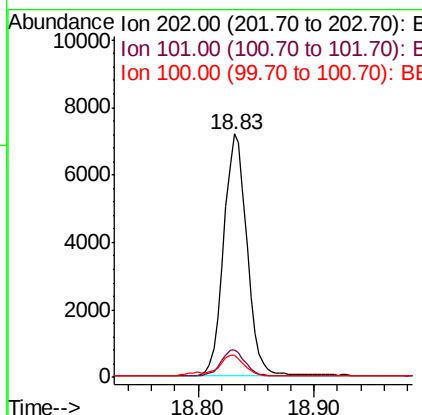
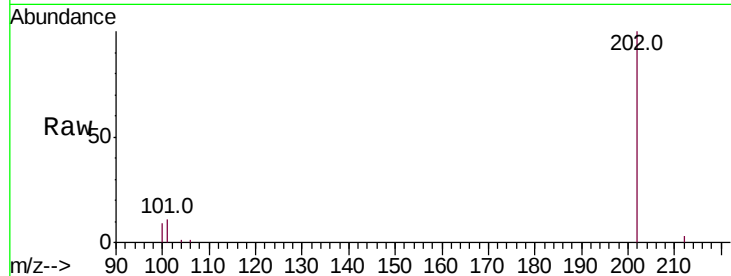




#15
 Fluoranthene
 Concen: 0.413 ng/ul
 RT: 18.83 min Scan# 3004
 Delta R.T. -0.00 min
 Lab File: BE097399.D
 Acq: 29 Aug 2018 21:08

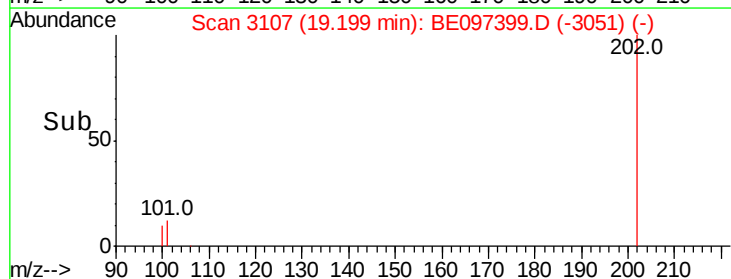
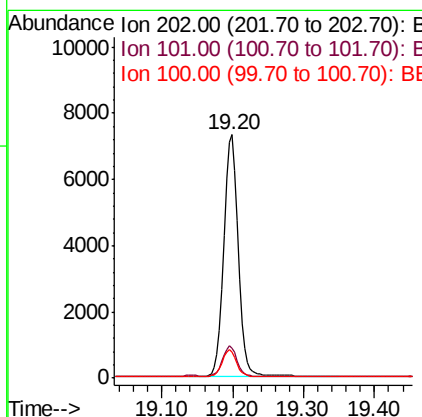
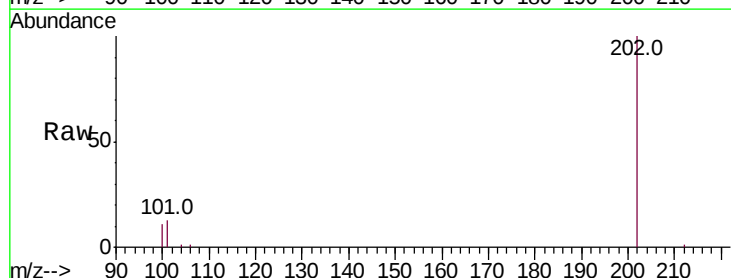
Instrument :
 BNA_E
 ClientSampleId :

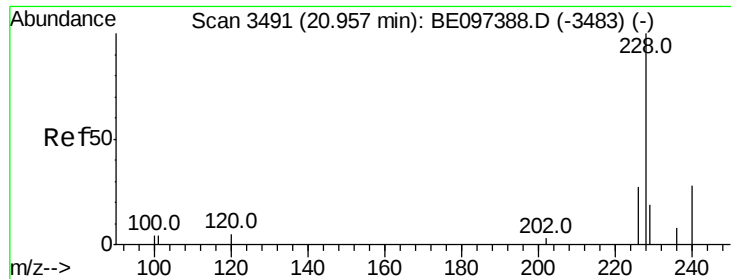
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
100	8.9	0.0	39.5



#17
 Pyrene
 Concen: 0.398 ng/ul
 RT: 19.20 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: BE097399.D
 Acq: 29 Aug 2018 21:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	18.2	27.4#
100	10.5	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.454 ng/ul

RT: 20.95 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BE097399.D

Acq: 29 Aug 2018 21:08

Instrument :

BNA_E

ClientSampleId :

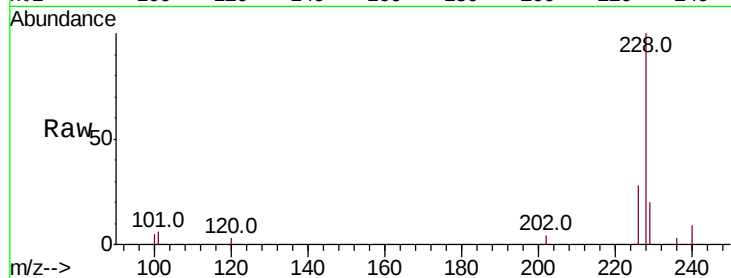
Tot Ion:228 Resp: 11106

Ion Ratio Lower Upper

228 100

229 20.0 22.8 34.2#

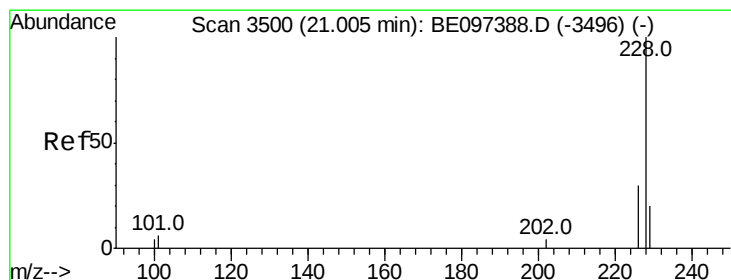
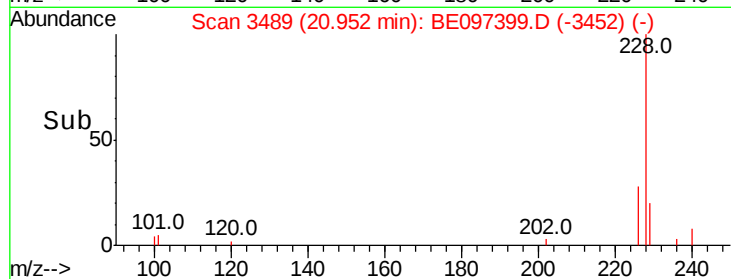
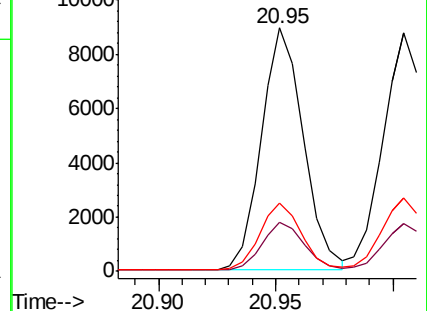
226 28.0 17.0 25.6#



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: 0.405 ng/ul

RT: 21.00 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BE097399.D

Acq: 29 Aug 2018 21:08

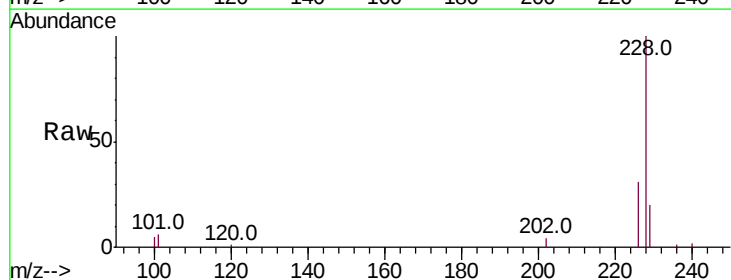
Tgt Ion:228 Resp: 11422

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

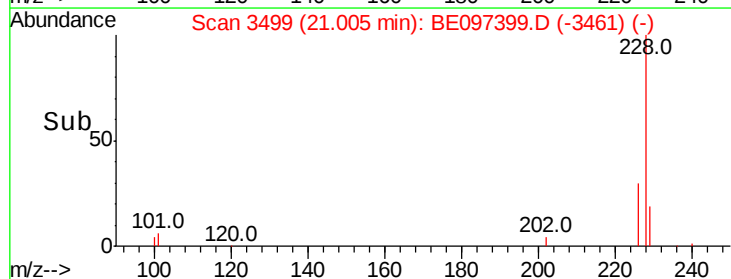
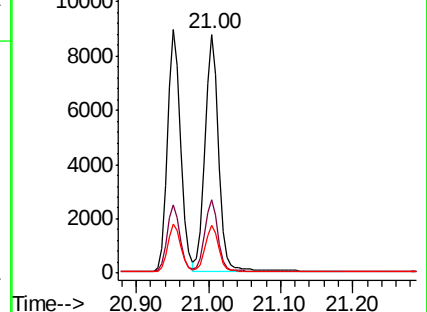
229 19.9 17.7 26.5

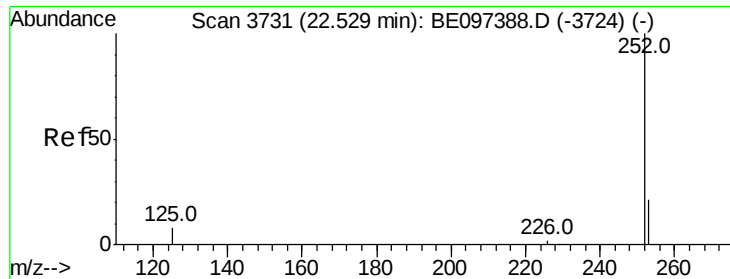


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.434 ng/ul

RT: 22.53 min Scan# 3730

Delta R.T. -0.00 min

Lab File: BE097399.D

Acq: 29 Aug 2018 21:08

Instrument :

BNA_E

ClientSampleId :

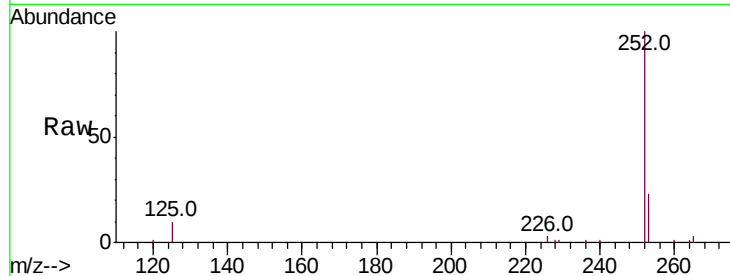
Tot Ion:252 Resp: 11090

Ion Ratio Lower Upper

252 100

253 22.6 0.0 64.2

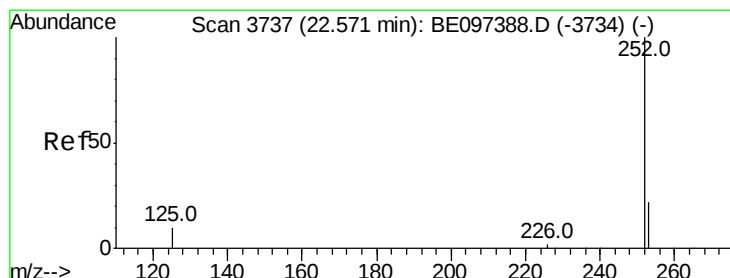
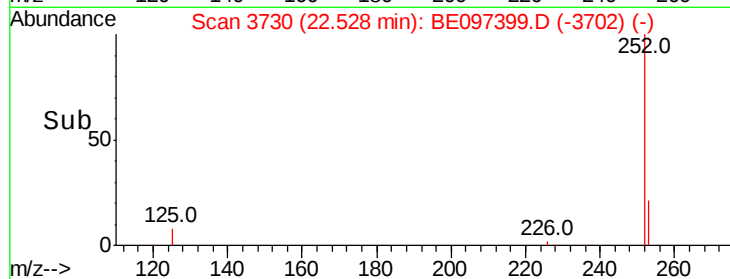
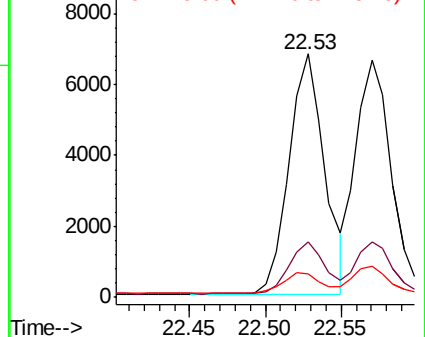
125 9.6 0.0 35.0



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: 0.385 ng/ul

RT: 22.57 min Scan# 3736

Delta R.T. -0.00 min

Lab File: BE097399.D

Acq: 29 Aug 2018 21:08

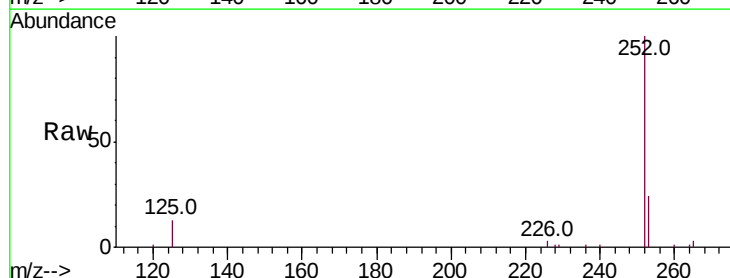
Tgt Ion:252 Resp: 10965

Ion Ratio Lower Upper

252 100

253 23.5 24.5 36.7#

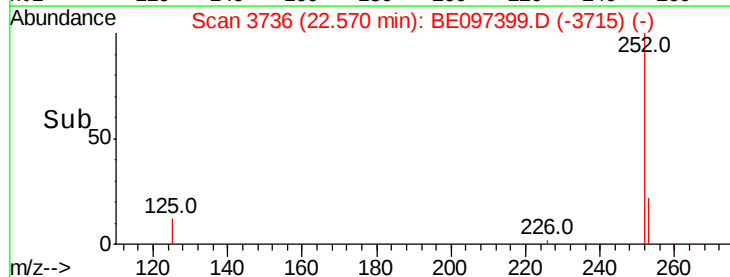
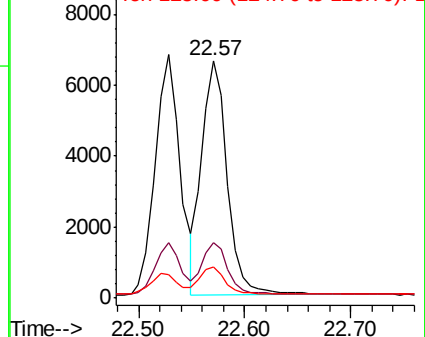
125 13.2 13.7 20.5#

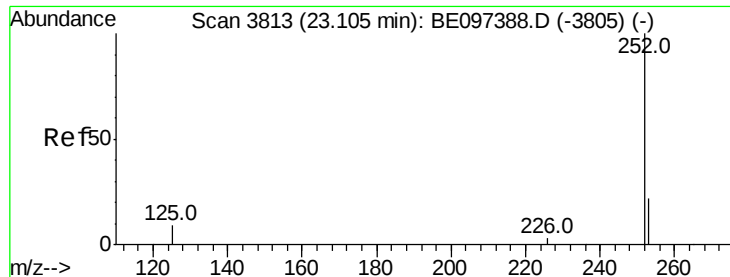


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.446 ng/ul

RT: 23.10 min Scan# 3811

Delta R.T. -0.01 min

Lab File: BE097399.D

Acq: 29 Aug 2018 21:08

Instrument :

BNA_E

ClientSampleId :

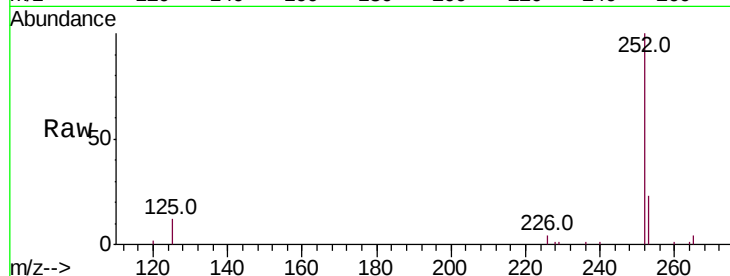
Tot Ion:252 Resp: 10534

Ion Ratio Lower Upper

252 100

253 23.3 28.5 42.7#

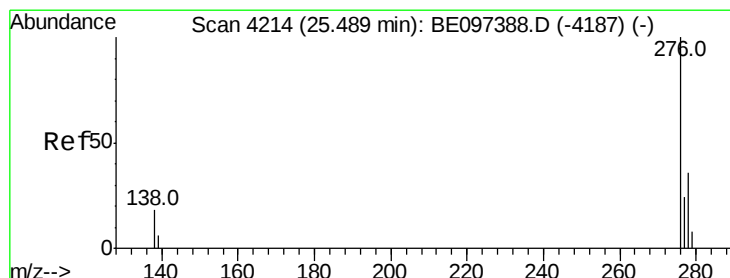
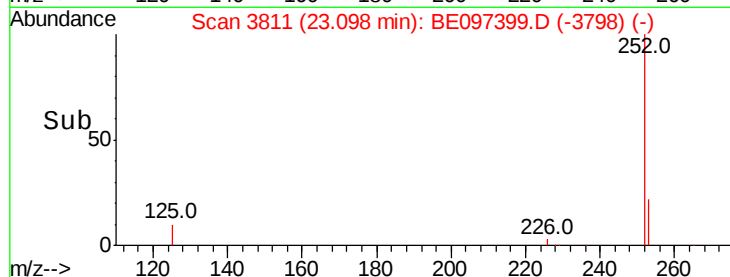
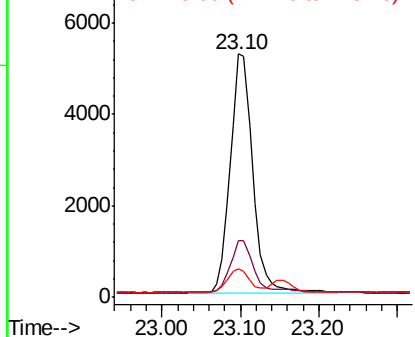
125 11.8 18.1 27.1#



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: 0.418 ng/ul

RT: 25.49 min Scan# 4213

Delta R.T. -0.00 min

Lab File: BE097399.D

Acq: 29 Aug 2018 21:08

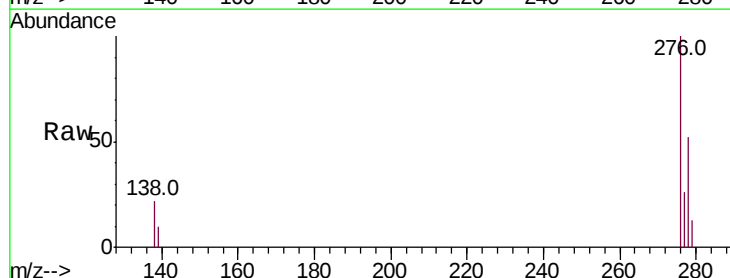
Tgt Ion:276 Resp: 12787

Ion Ratio Lower Upper

276 100

138 21.3 28.0 42.0#

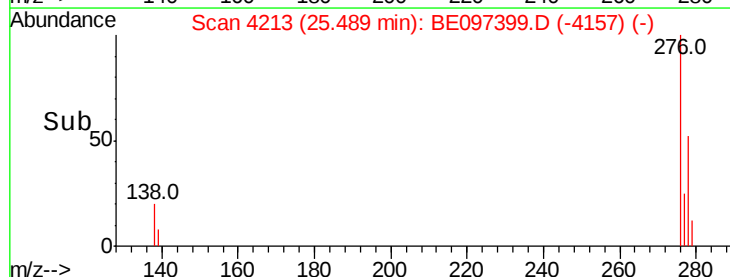
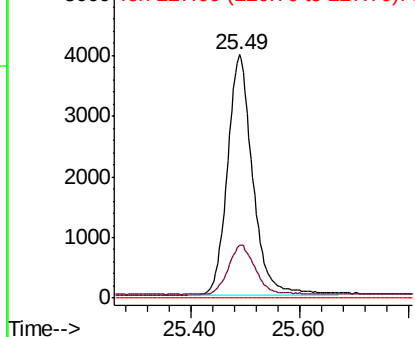
227 0.0 8.0 12.0#

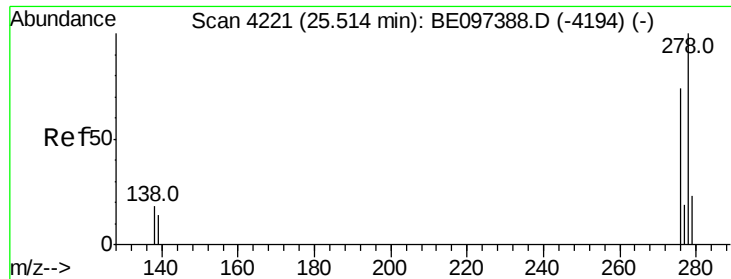


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

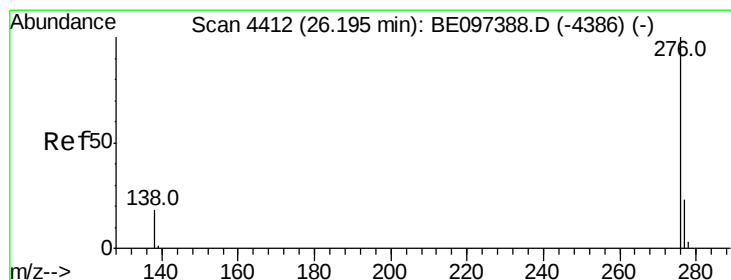
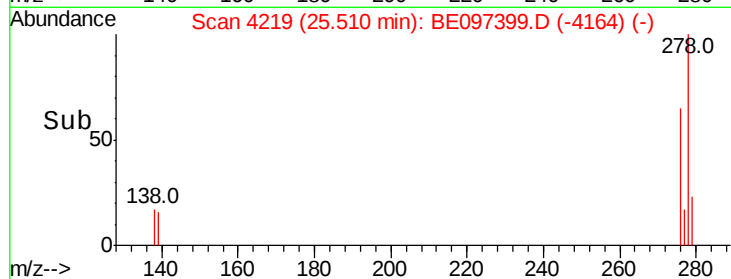
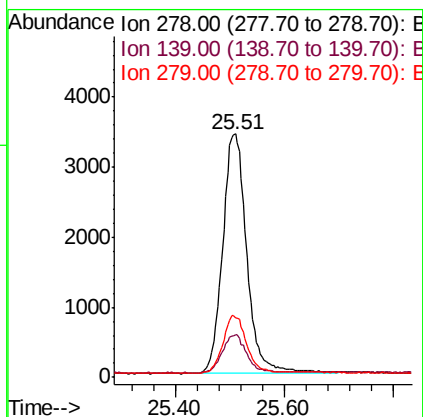
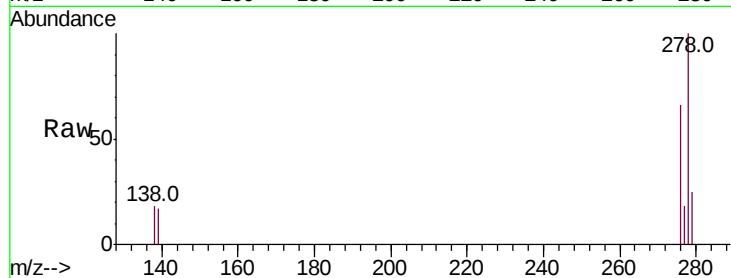




#25
Dibenzo(a,h)anthracene
Concen: 0.410 ng/ul
RT: 25.51 min Scan# 4219
Delta R.T. -0.00 min
Lab File: BE097399.D
Acq: 29 Aug 2018 21:08

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 10633
Ion Ratio Lower Upper
278 100
139 17.5 17.4 26.0
279 24.6 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 26.19 min Scan# 4409
Delta R.T. -0.01 min
Lab File: BE097399.D
Acq: 29 Aug 2018 21:08

Tgt Ion:276 Resp: 10725
Ion Ratio Lower Upper
276 100
138 20.0 21.8 32.8#
277 24.8 20.5 30.7

