

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101118\
 Data File : BE097856.D
 Acq On : 11 Oct 2018 14:20
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 11 14:53:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 14:16:20 2018
 Response via : Initial Calibration

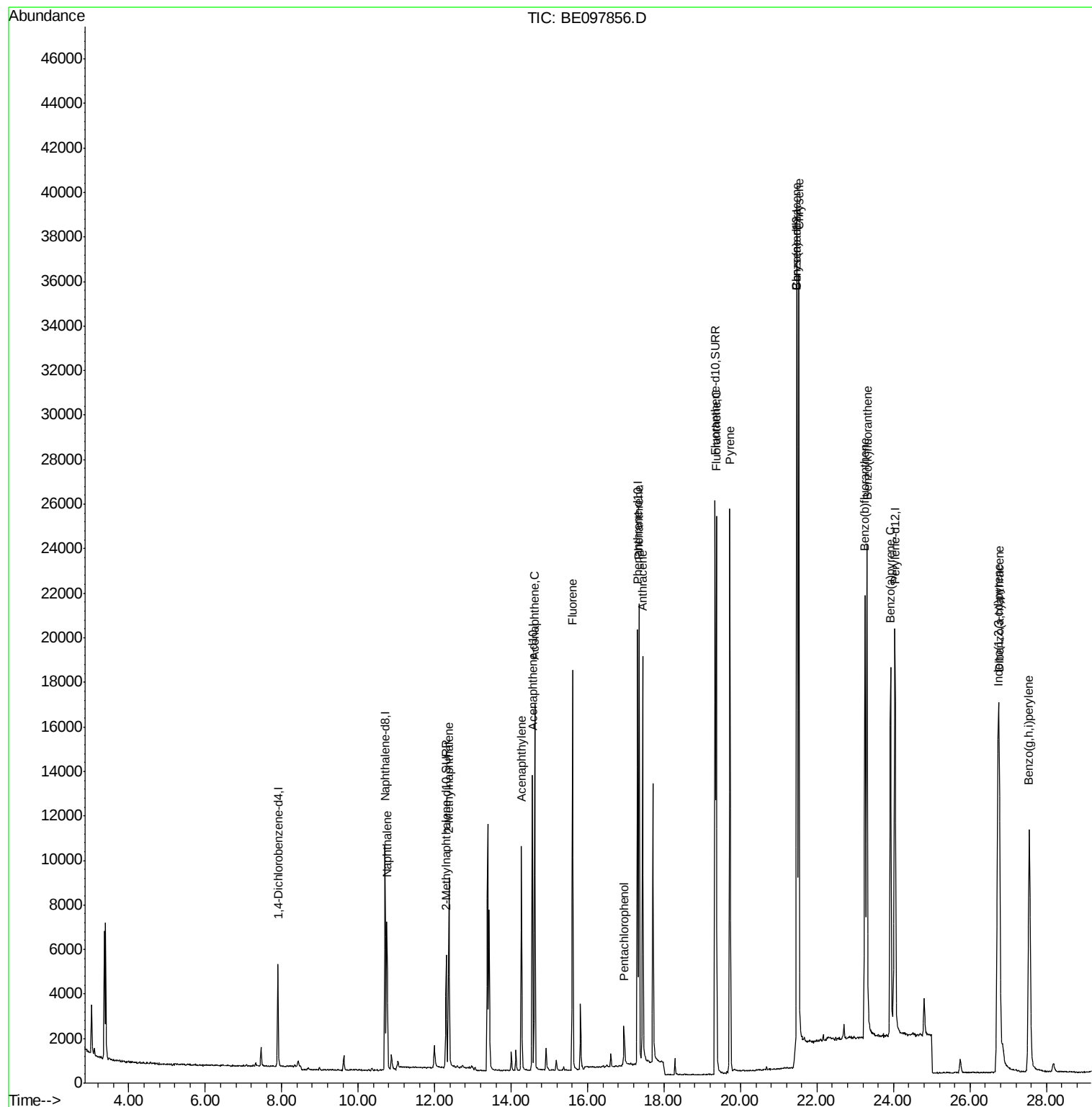
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2273	0.40	ng/ul	0.01
2) Naphthalene-d8	10.70	136	10878	0.40	ng/ul	0.02
6) Acenaphthene-d10	14.55	164	7856	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.30	188	23975	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	33924	0.40	ng/ul	0.00
20) Perylene-d12	24.04	264	28259	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	7274	0.39	ng/ul	0.02
14) Fluoranthene-d10	19.33	212	30099	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	10419	0.394	ng/ul	98
5) 2-Methylnaphthalene	12.37	142	7635	0.399	ng/ul	99
7) Acenaphthylene	14.27	152	11697	0.394	ng/ul	98
8) Acenaphthene	14.61	153	9264	0.402	ng/ul	97
9) Fluorene	15.61	166	11902	0.395	ng/ul	100
11) Pentachlorophenol	16.96	266	1137	0.336	ng/ul	95
12) Phenanthrene	17.34	178	22634	0.399	ng/ul	98
13) Anthracene	17.44	178	20868	0.397	ng/ul	99
15) Fluoranthene	19.36	202	28582	0.392	ng/ul	98
17) Pyrene	19.72	202	36035	0.357	ng/ul	97
18) Benzo(a)anthracene	21.47	228	38211	0.373	ng/ul	99
19) Chrysene	21.52	228	32216	0.350	ng/ul	99
21) Benzo(b)fluoranthene	23.25	252	29771	0.394	ng/ul	98
22) Benzo(k)fluoranthene	23.31	252	31708	0.392	ng/ul	95
23) Benzo(a)pyrene	23.92	252	28715	0.387	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	26.73	276	32586	0.387	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.77	278	26876	0.386	ng/ul	98
26) Benzo(g,h,i)perylene	27.55	276	28534	0.389	ng/ul	99

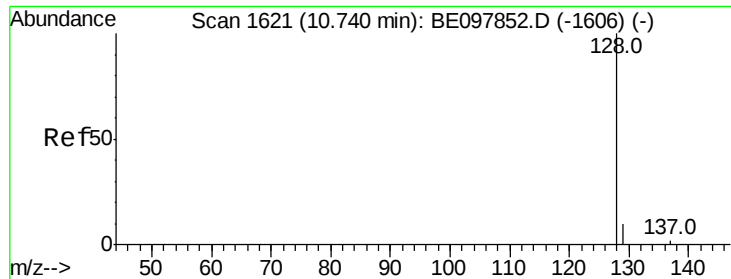
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
ClientSampled :

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#3

Naphthalene

Concen: 0.394 ng/ul

RT: 10.75 min Scan# 1623

Delta R.T. 0.01 min

Lab File: BE097856.D

Acq: 11 Oct 2018 14:20

Instrument :

BNA_E

ClientSampleId :

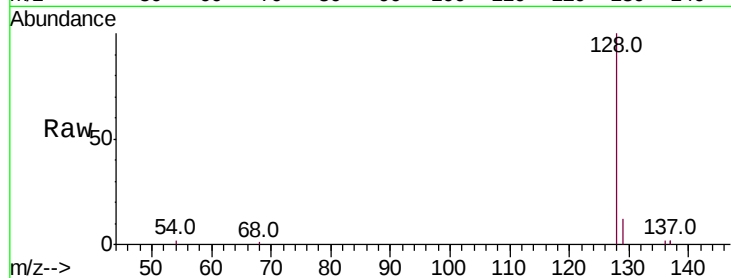
Tot Ion:128 Resp: 10419

Ion Ratio Lower Upper

128 100

129 12.2 9.1 13.7

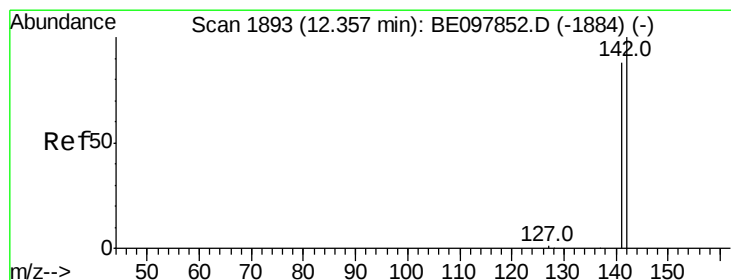
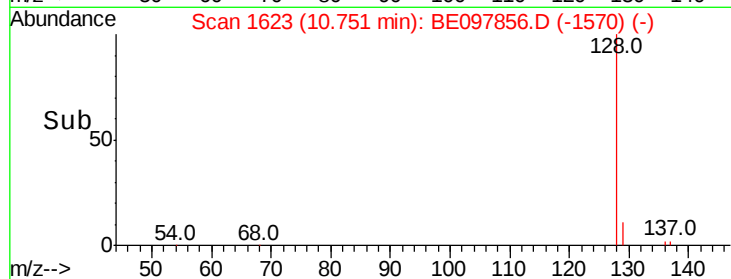
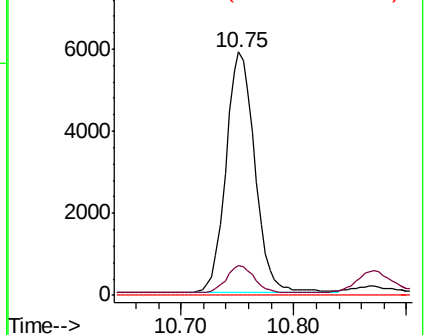
127 0.0 0.0 0.0



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: 12.37 min Scan# 1894

Delta R.T. 0.01 min

Lab File: BE097856.D

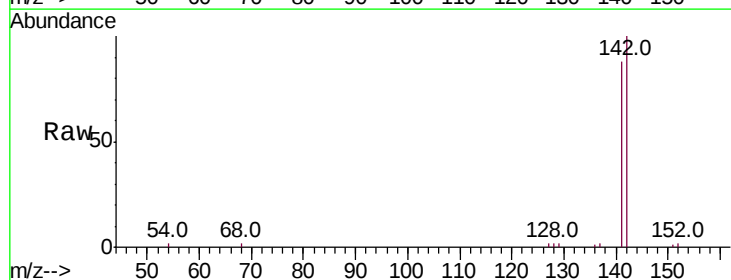
Acq: 11 Oct 2018 14:20

Tgt Ion:142 Resp: 7635

Ion Ratio Lower Upper

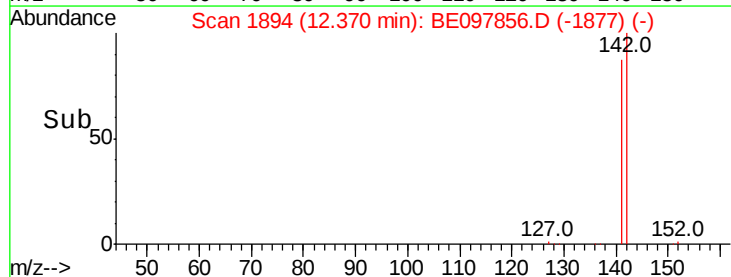
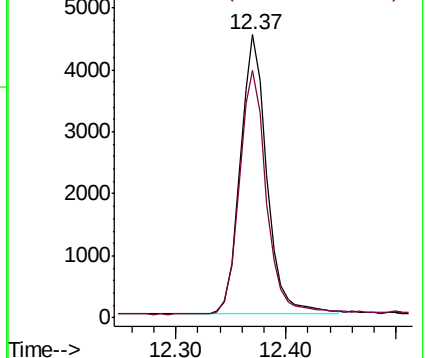
142 100

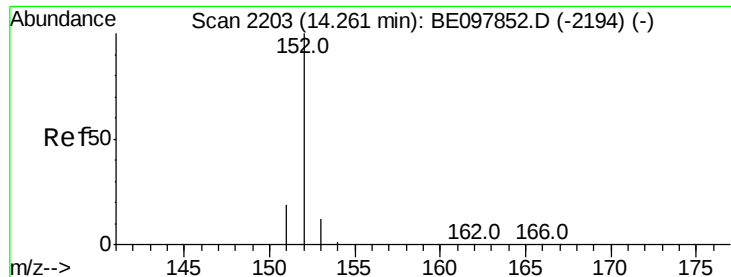
141 88.4 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.394 ng/ul

RT: 14.27 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BE097856.D

Acq: 11 Oct 2018 14:20

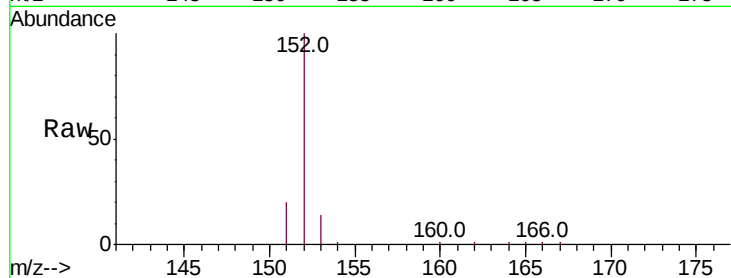
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 11697

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.0	22.6
153	13.6	10.5	15.7

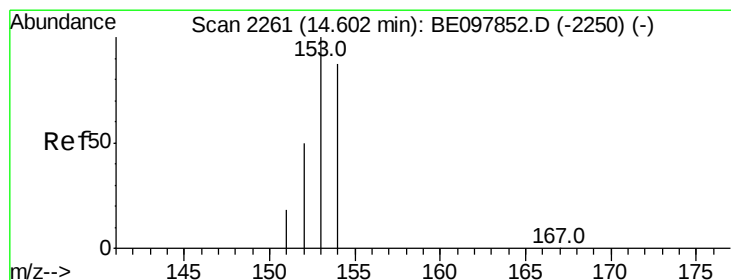
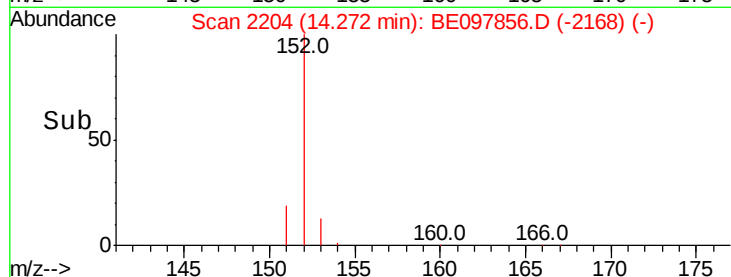
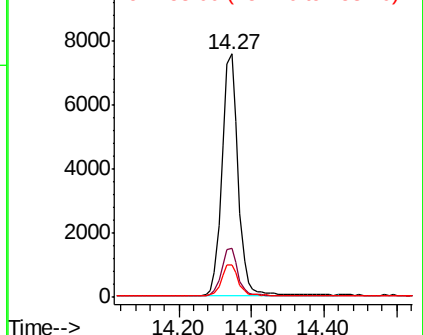


Abundance

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: 0.402 ng/ul

RT: 14.61 min Scan# 2262

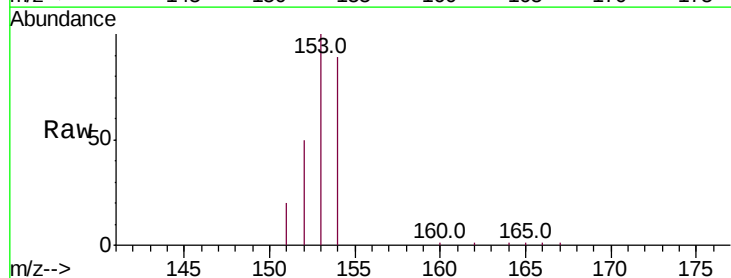
Delta R.T. 0.01 min

Lab File: BE097856.D

Acq: 11 Oct 2018 14:20

Tgt Ion:153 Resp: 9264

Ion	Ratio	Lower	Upper
153	100		
152	49.8	41.2	61.8
154	88.9	68.6	103.0

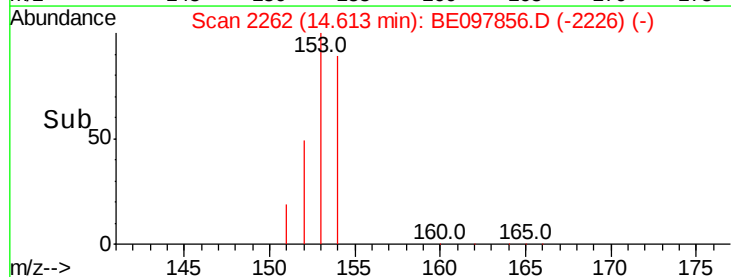
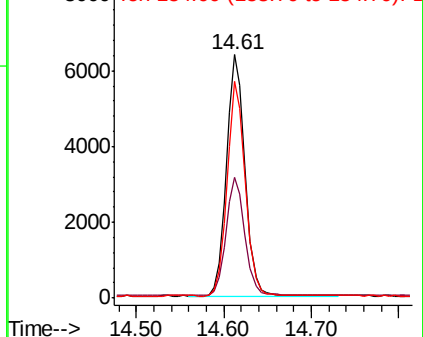


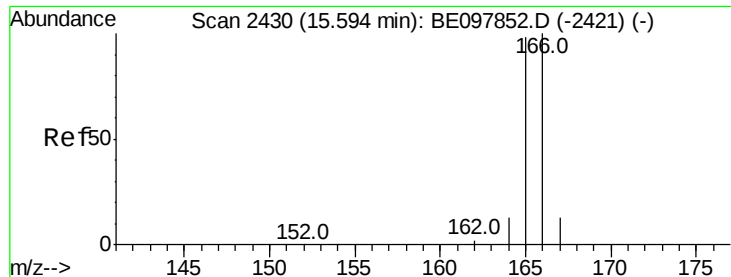
Abundance

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

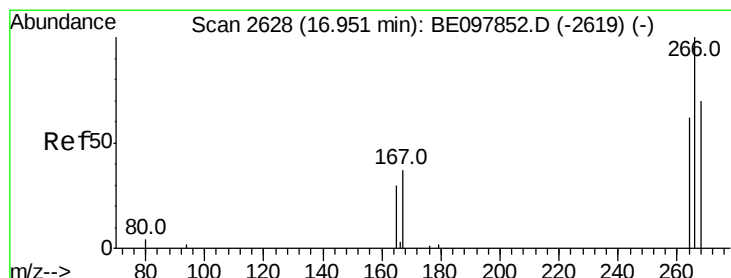
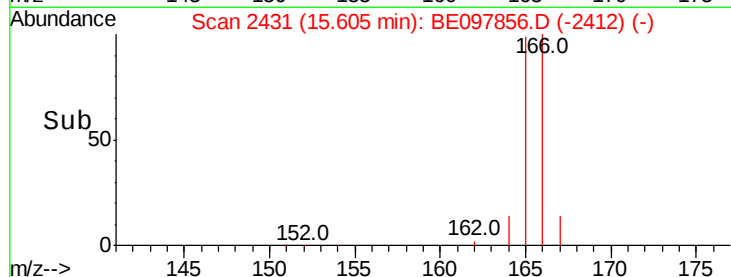
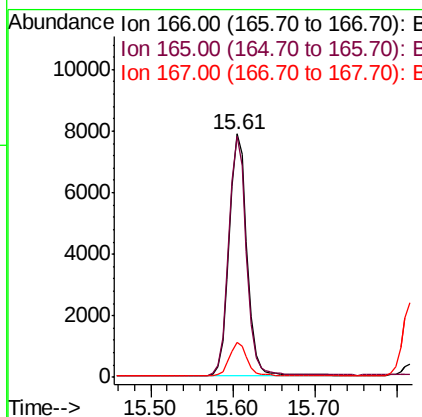
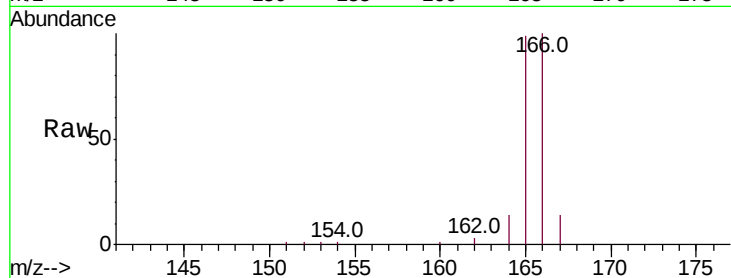




#9
Fluorene
 Concen: 0.395 ng/ul
 RT: 15.61 min Scan# 2431
 Delta R.T. 0.01 min
 Lab File: BE097856.D
 Acq: 11 Oct 2018 14:20

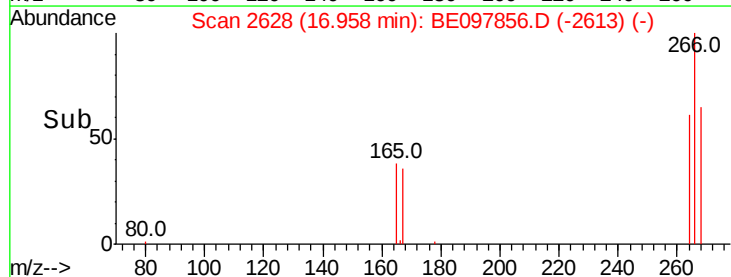
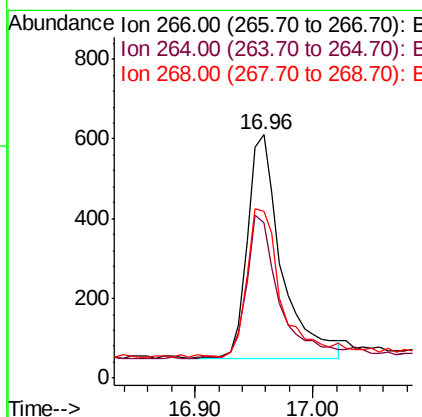
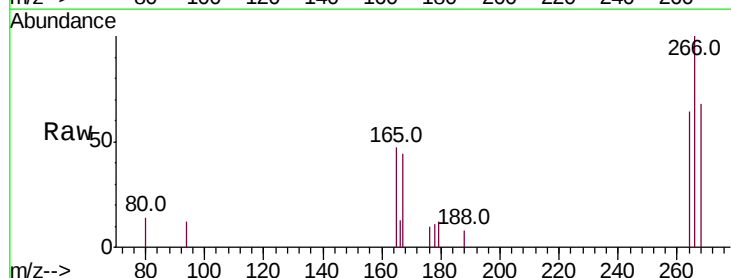
Instrument :
 BNA_E
 ClientSampleId :

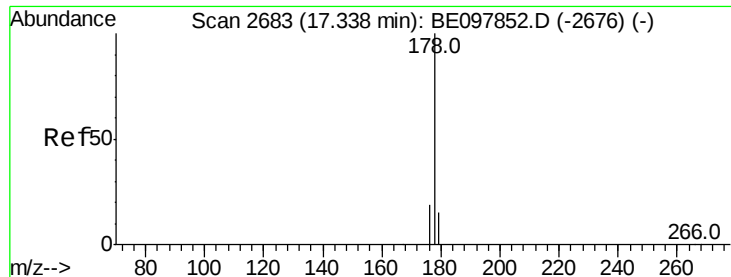
Tot Ion:166 Resp: 11902
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.2 118.8
 167 14.2 11.3 16.9



#11
Pentachlorophenol
 Concen: 0.336 ng/ul
 RT: 16.96 min Scan# 2628
 Delta R.T. 0.01 min
 Lab File: BE097856.D
 Acq: 11 Oct 2018 14:20

Tgt Ion:266 Resp: 1137
 Ion Ratio Lower Upper
 266 100
 264 62.4 49.8 74.8
 268 68.1 48.4 72.6





#12

Phenanthrene

Concen: 0.399 ng/ul

RT: 17.34 min Scan# 2683

Delta R.T. 0.01 min

Lab File: BE097856.D

Acq: 11 Oct 2018 14:20

Instrument :

BNA_E

ClientSampleId :

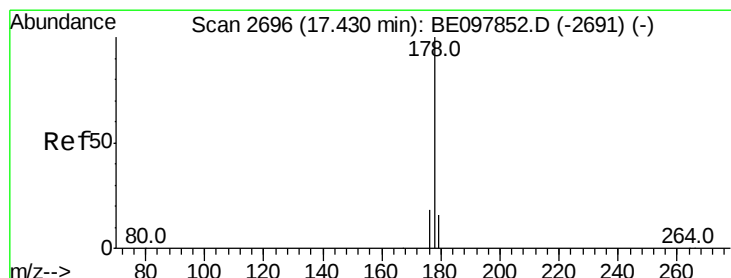
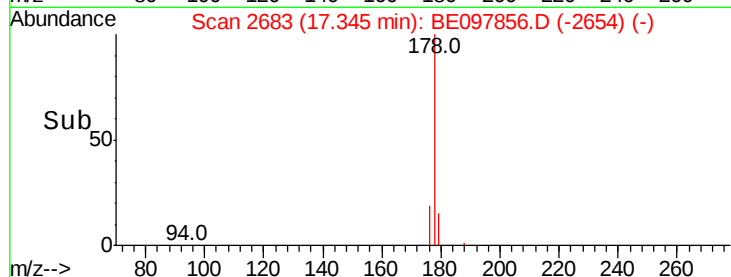
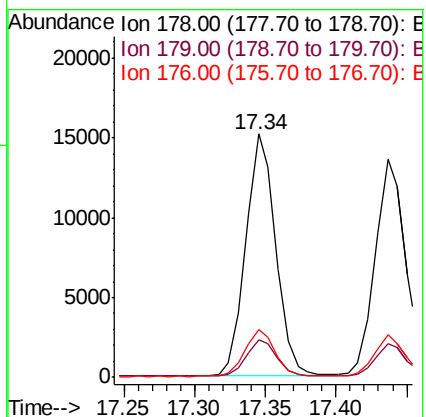
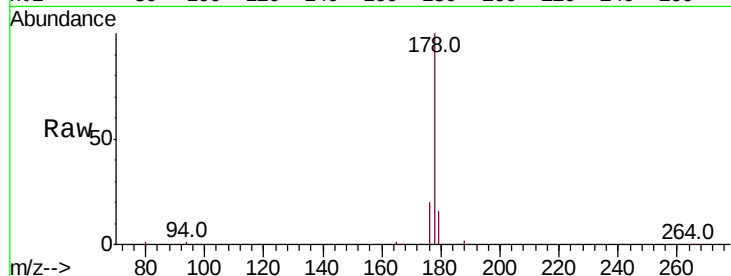
Tot Ion:178 Resp: 22634

Ion Ratio Lower Upper

178 100

179 15.5 12.8 19.2

176 19.7 14.9 22.3



#13

Anthracene

Concen: 0.397 ng/ul

RT: 17.44 min Scan# 2696

Delta R.T. 0.01 min

Lab File: BE097856.D

Acq: 11 Oct 2018 14:20

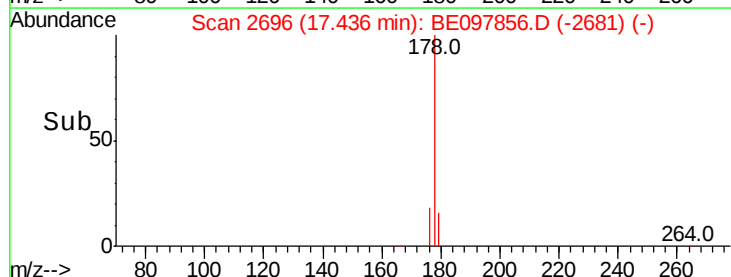
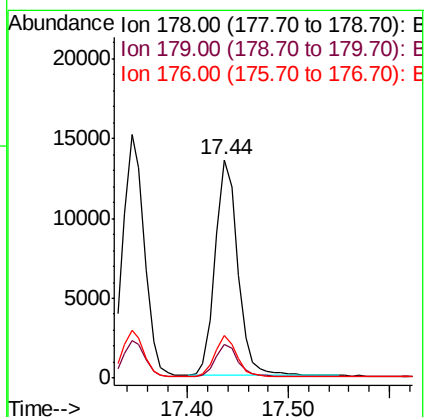
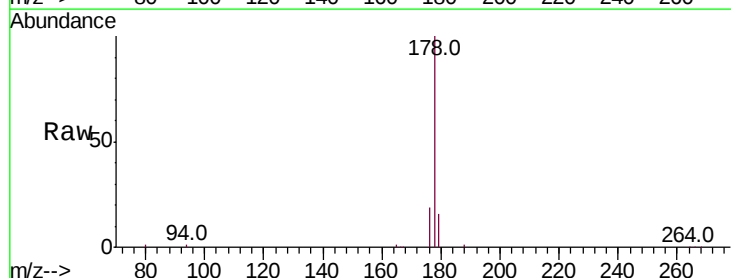
Tgt Ion:178 Resp: 20868

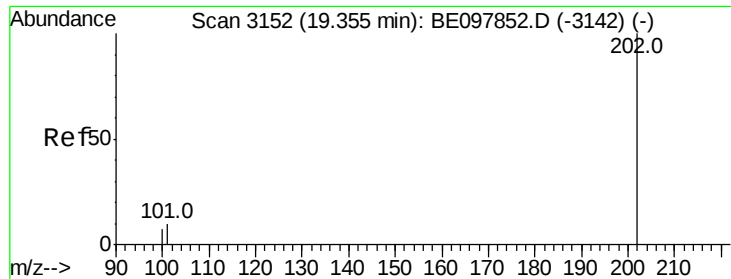
Ion Ratio Lower Upper

178 100

179 15.6 12.9 19.3

176 19.4 15.5 23.3

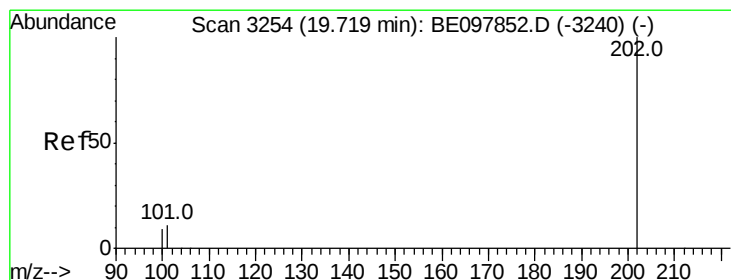
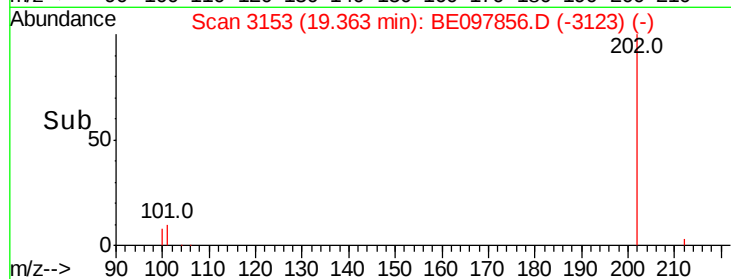
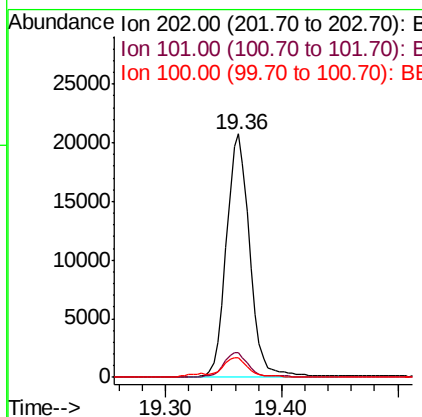
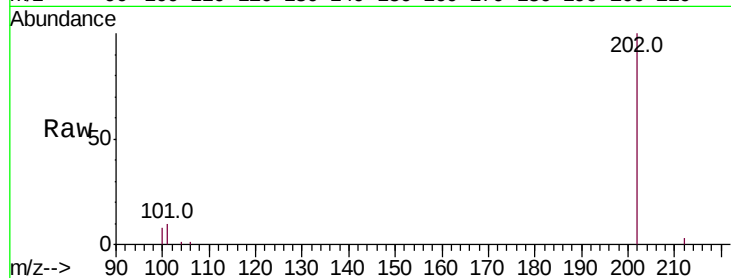




#15
 Fluoranthene
 Concen: 0.392 ng/ul
 RT: 19.36 min Scan# 3153
 Delta R.T. 0.01 min
 Lab File: BE097856.D
 Acq: 11 Oct 2018 14:20

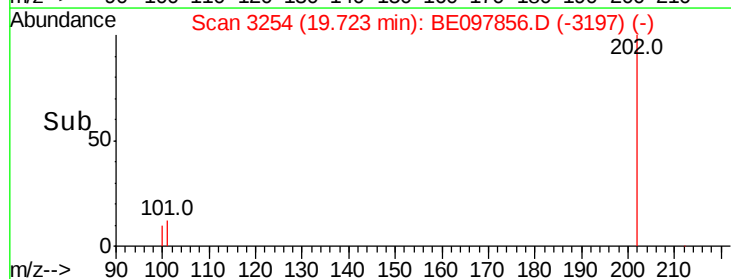
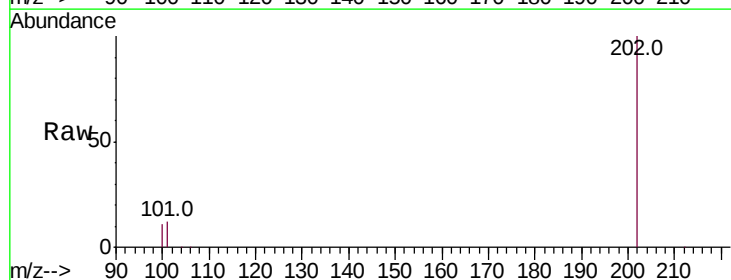
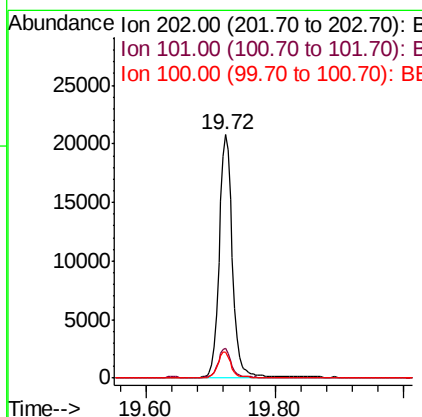
Instrument :
 BNA_E
 ClientSampleId :

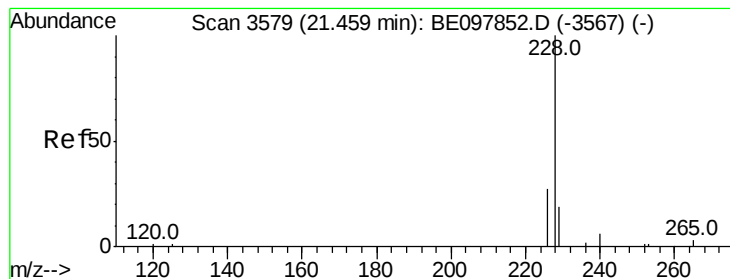
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.3
100	8.0	0.0	27.5



#17
 Pyrene
 Concen: 0.357 ng/ul
 RT: 19.72 min Scan# 3254
 Delta R.T. 0.00 min
 Lab File: BE097856.D
 Acq: 11 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.8	13.2
100	10.6	7.9	11.9





#18

Benzo(a)anthracene

Concen: 0.373 ng/ul

RT: 21.47 min Scan# 3579

Delta R.T. 0.01 min

Lab File: BE097856.D

Acq: 11 Oct 2018 14:20

Instrument :

BNA_E

ClientSampleId :

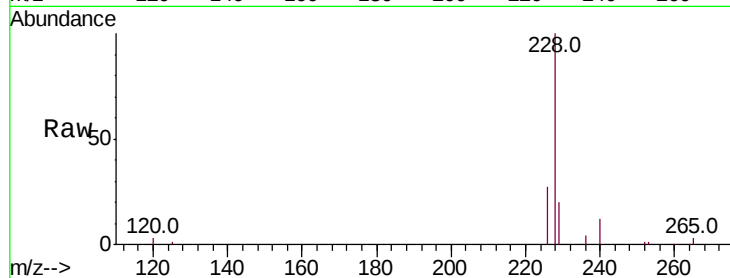
Tot Ion:228 Resp: 38211

Ion Ratio Lower Upper

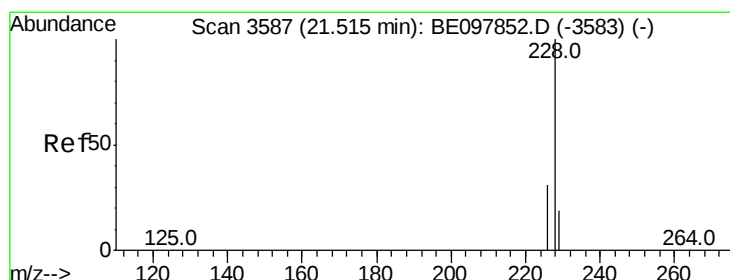
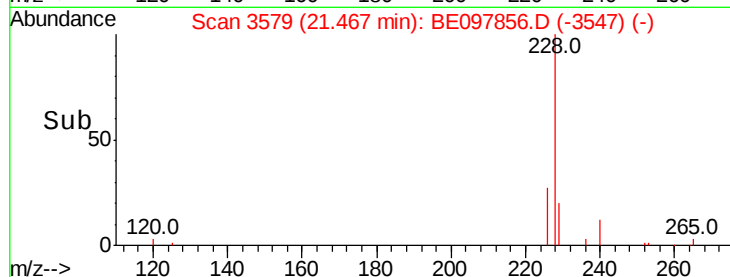
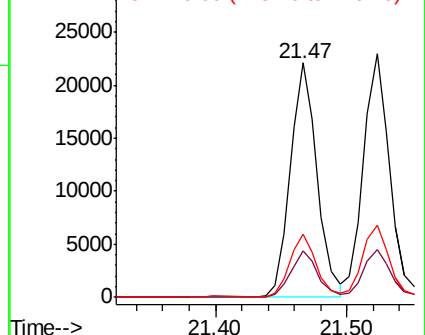
228 100

229 20.0 16.4 24.6

226 27.2 21.5 32.3



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: 0.350 ng/ul

RT: 21.52 min Scan# 3587

Delta R.T. 0.01 min

Lab File: BE097856.D

Acq: 11 Oct 2018 14:20

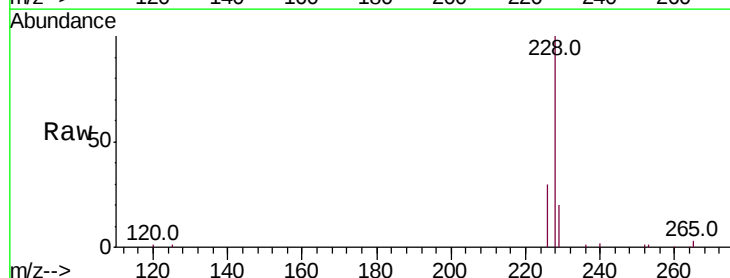
Tgt Ion:228 Resp: 32216

Ion Ratio Lower Upper

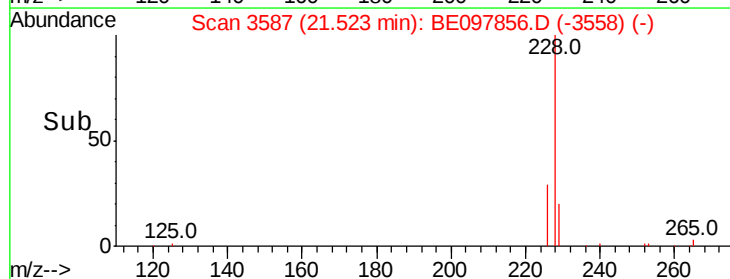
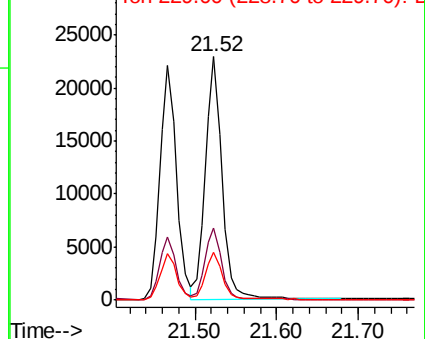
228 100

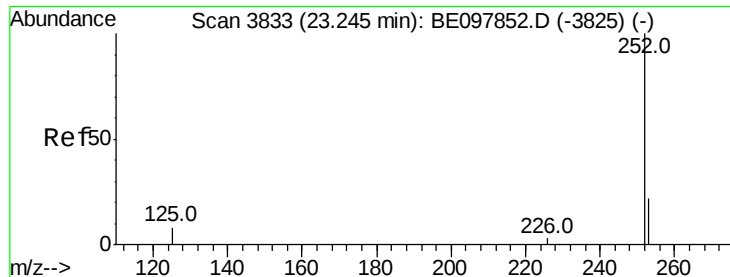
226 29.6 23.0 34.4

229 19.9 15.5 23.3



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: 0.394 ng/ul

RT: 23.25 min Scan# 3833

Delta R.T. 0.01 min

Lab File: BE097856.D

Acq: 11 Oct 2018 14:20

Instrument :

BNA_E

ClientSampleId :

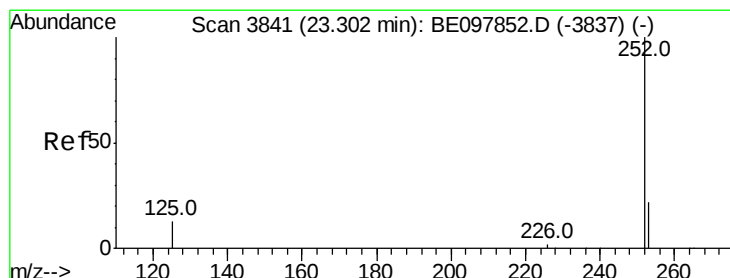
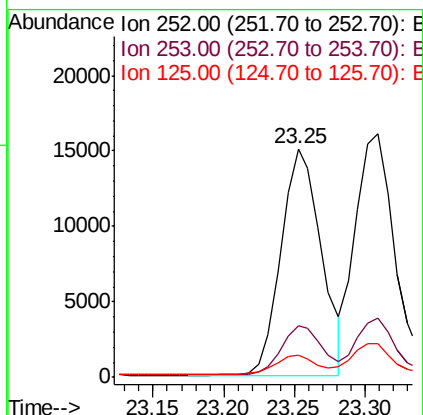
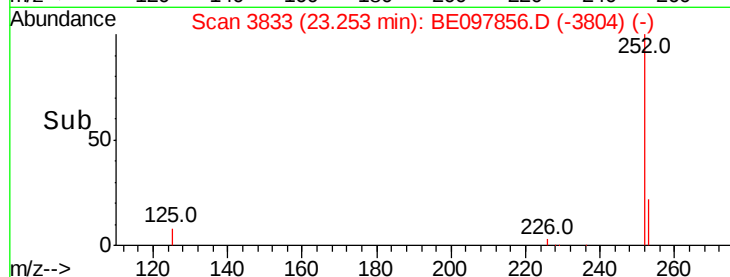
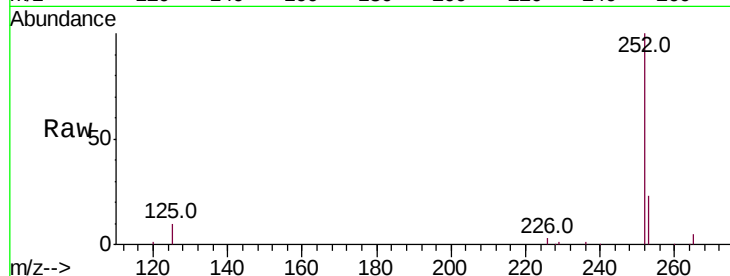
Tot Ion:252 Resp: 29771

Ion Ratio Lower Upper

252 100

253 22.7 0.0 47.0

125 9.6 0.0 18.2



#22

Benzo(k)fluoranthene

Concen: 0.392 ng/ul

RT: 23.31 min Scan# 3841

Delta R.T. 0.01 min

Lab File: BE097856.D

Acq: 11 Oct 2018 14:20

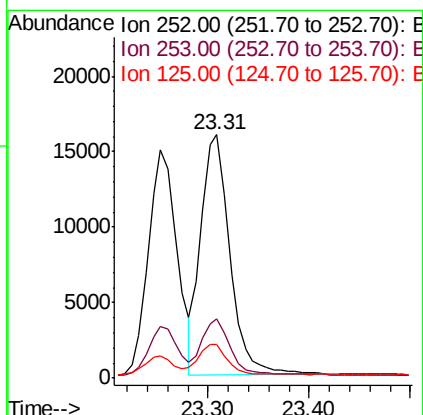
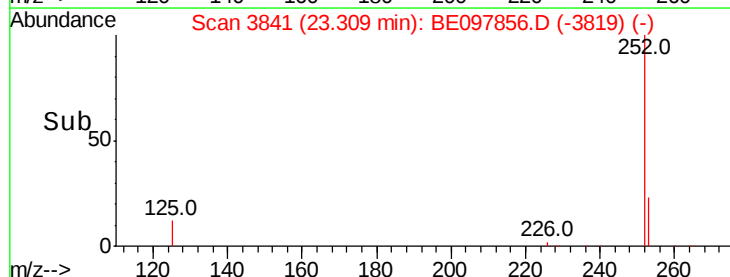
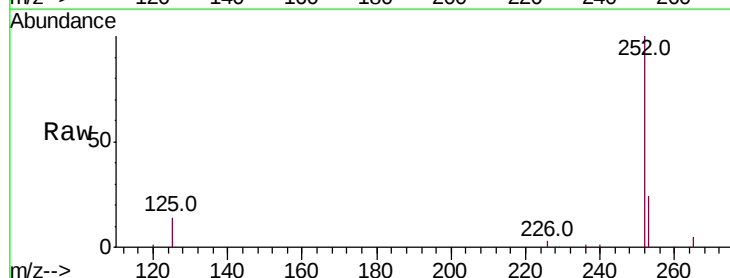
Tgt Ion:252 Resp: 31708

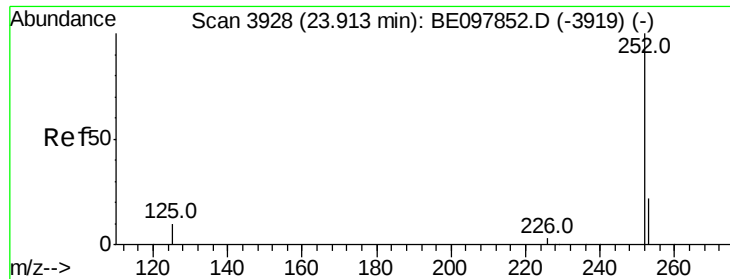
Ion Ratio Lower Upper

252 100

253 24.2 17.8 26.6

125 13.8 9.4 14.0





#23

Benzo(a)pyrene

Concen: 0.387 ng/ul

RT: 23.92 min Scan# 3928

Delta R.T. 0.01 min

Lab File: BE097856.D

Acq: 11 Oct 2018 14:20

Instrument :

BNA_E

ClientSampleId :

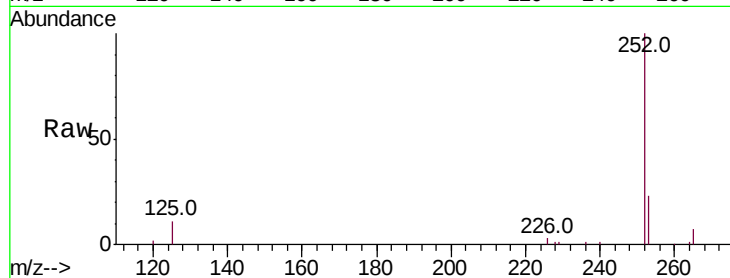
Tot Ion:252 Resp: 28715

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

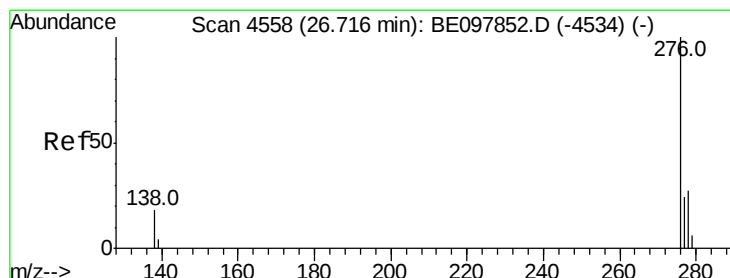
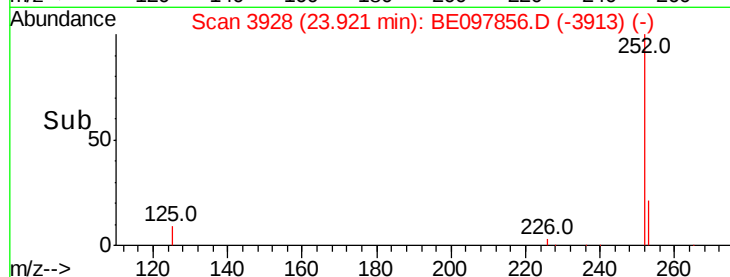
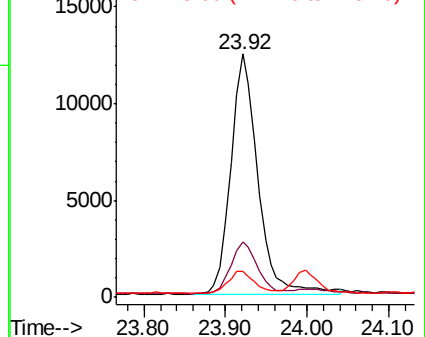
125 10.5 8.3 12.5



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.387 ng/ul

RT: 26.73 min Scan# 4561

Delta R.T. 0.01 min

Lab File: BE097856.D

Acq: 11 Oct 2018 14:20

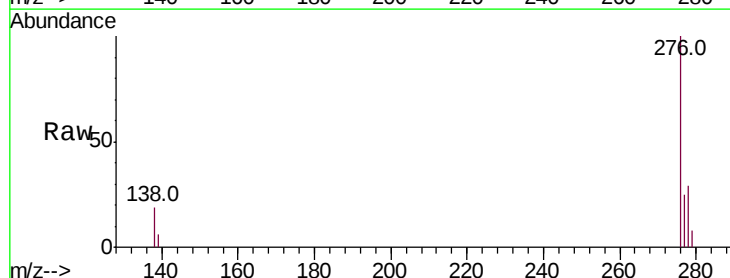
Tgt Ion:276 Resp: 32586

Ion Ratio Lower Upper

276 100

138 20.3 0.0 0.0#

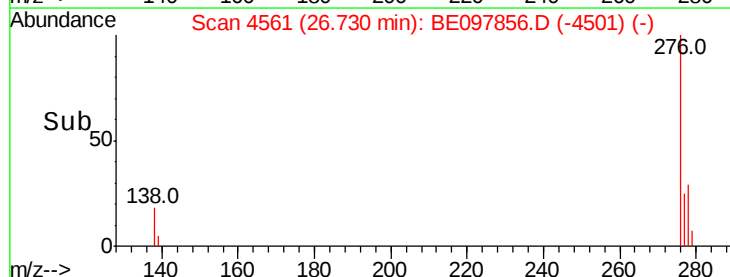
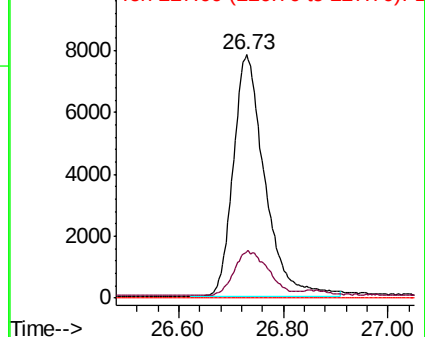
227 0.0 0.0 0.0

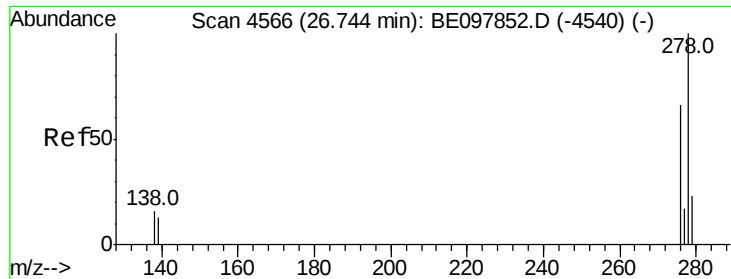


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



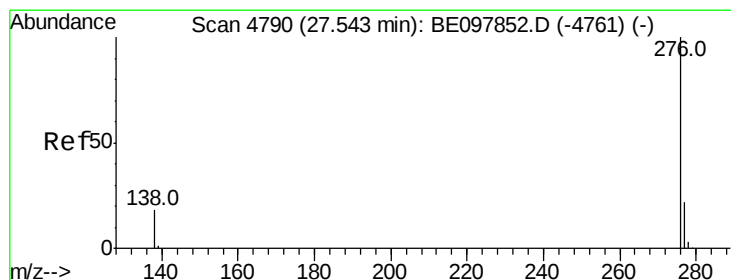
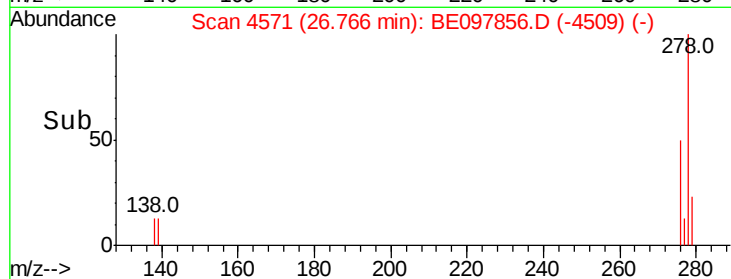
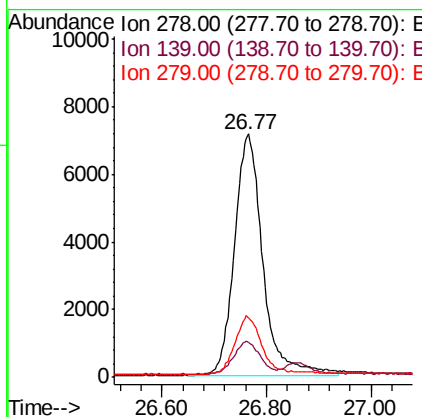
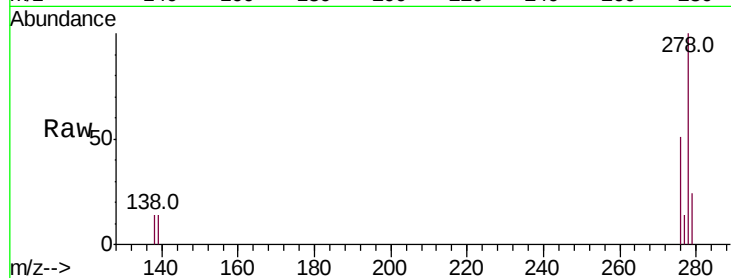


#25
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 26.77 min Scan# 4571
Delta R.T. 0.02 min
Lab File: BE097856.D
Acq: 11 Oct 2018 14:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 26876

Ion	Ratio	Lower	Upper
278	100		
139	14.4	10.9	16.3
279	24.4	18.8	28.2



#26
Benzo(g,h,i)perylene
Concen: 0.389 ng/ul
RT: 27.55 min Scan# 4791
Delta R.T. 0.01 min
Lab File: BE097856.D
Acq: 11 Oct 2018 14:20

Tgt Ion:276 Resp: 28534

Ion	Ratio	Lower	Upper
276	100		
138	19.3	14.3	21.5
277	24.3	19.5	29.3

