

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097192.D
 Acq On : 3 Aug 2018 23:01
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 04 00:35:08 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 : Fri Aug 03 23:39:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1405	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7630	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4435	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	10486	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	11578	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	12112	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	5005	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	12762	0.35	ng/ul	0.00

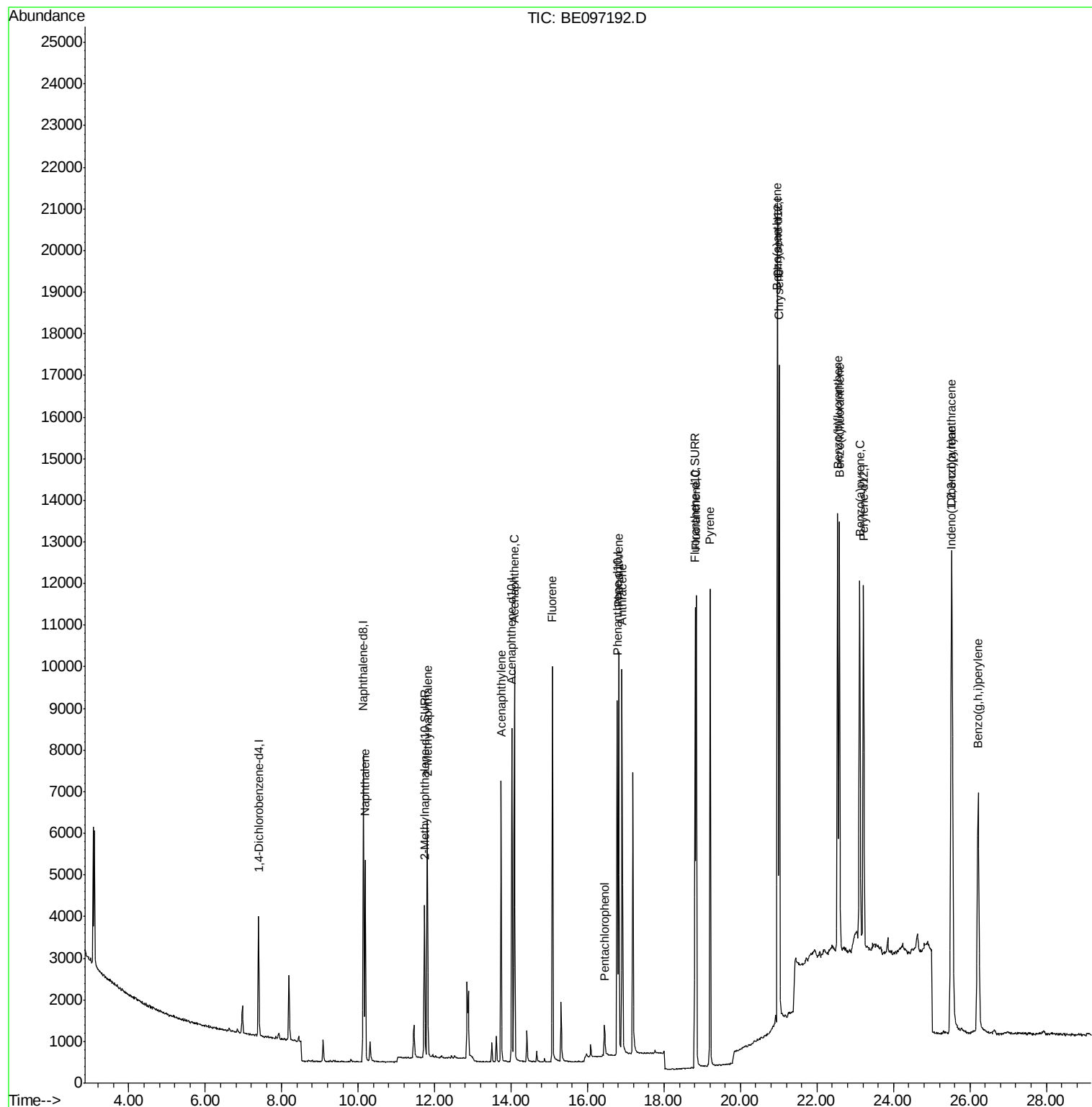
Target Compounds					Ovalue	
3) Naphthalene	10.18	128	7111	0.385	ng/ul#	93
5) 2-Methylnaphthalene	11.81	142	4922	0.403	ng/ul	98
7) Acenaphthylene	13.74	152	7648	0.399	ng/ul	96
8) Acenaphthene	14.08	153	5438	0.392	ng/ul	96
9) Fluorene	15.08	166	6167	0.387	ng/ul#	91
11) Pentachlorophenol	16.44	266	476	0.317	ng/ul	97
12) Phenanthrene	16.81	178	10290	0.385	ng/ul#	88
13) Anthracene	16.90	178	10130	0.406	ng/ul#	91
15) Fluoranthene	18.84	202	12339	0.349	ng/ul	84
17) Pyrene	19.21	202	12769	0.412	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	13494	0.408	ng/ul#	87
19) Chrysene	21.01	228	13423	0.394	ng/ul	96
21) Benzo(b)fluoranthene	22.54	252	13365	0.405	ng/ul	89
22) Benzo(k)fluoranthene	22.58	252	13289	0.373	ng/ul	93
23) Benzo(a)pyrene	23.12	252	12970	0.393	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.51	276	16291	0.394	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.53	278	13552	0.401	ng/ul	93
26) Benzo(g,h,i)perylene	26.21	276	13653	0.382	ng/ul#	92

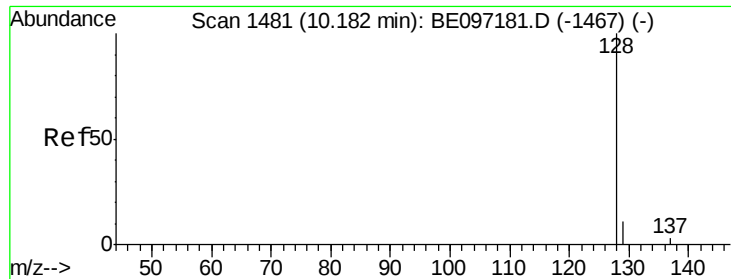
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.385 ng/ul

RT: 10.18 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BE097192.D

Acq: 3 Aug 2018 23:01

Instrument :

BNA_E

ClientSampled :

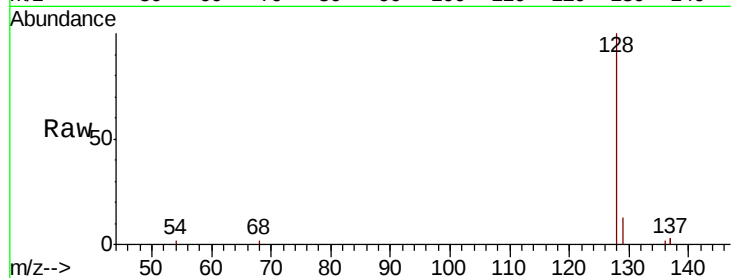
Tot Ion:128 Resp: 7111

Ion Ratio Lower Upper

128 100

129 12.5 11.3 16.9

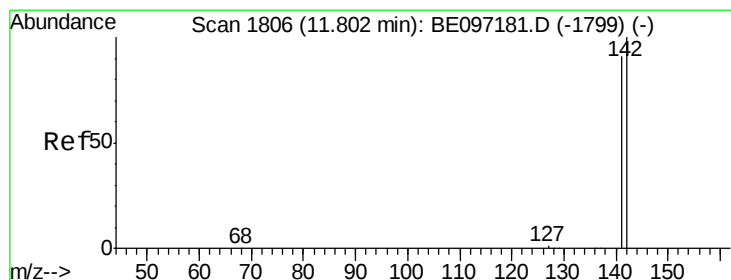
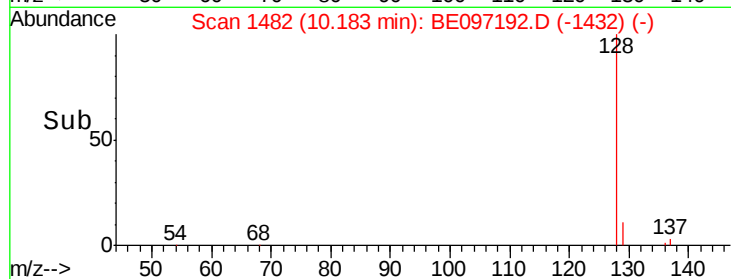
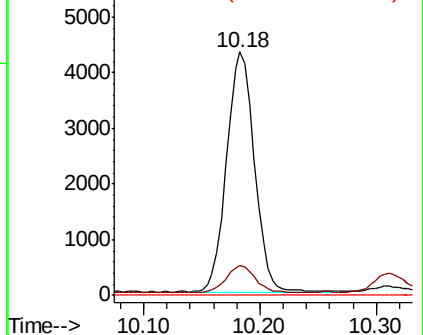
127 0.0 4.0 6.0#



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: 0.403 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BE097192.D

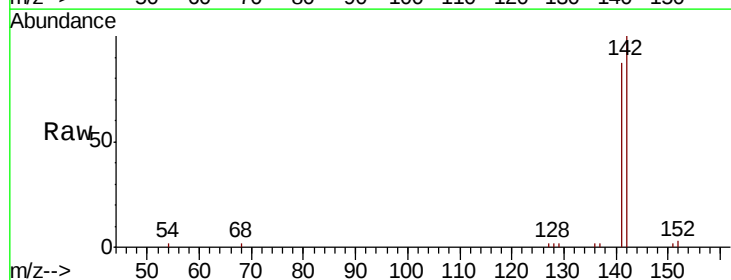
Acq: 3 Aug 2018 23:01

Tgt Ion:142 Resp: 4922

Ion Ratio Lower Upper

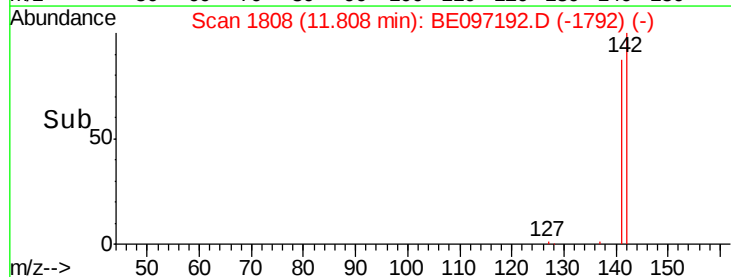
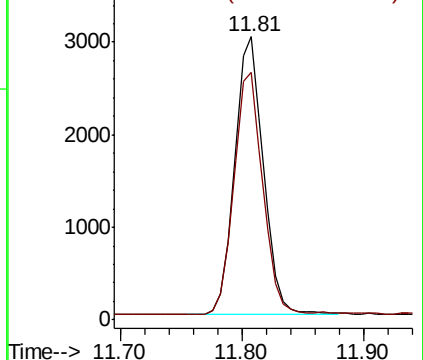
142 100

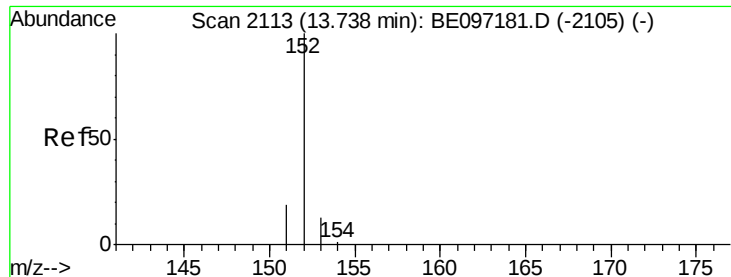
141 88.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.399 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE097192.D

Acq: 3 Aug 2018 23:01

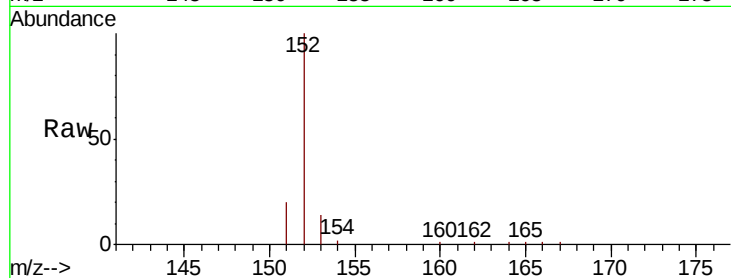
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 7648

Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.1	25.7
153	13.8	12.8	19.2

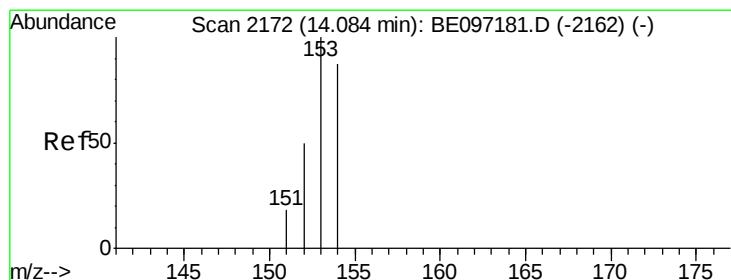
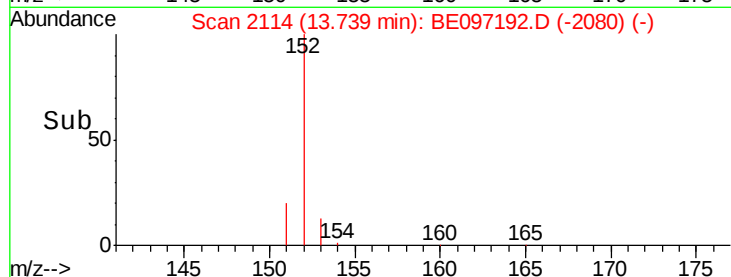
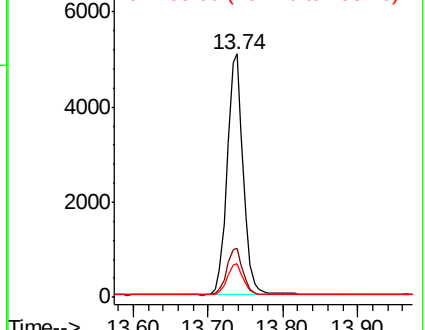


Abundance

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: 0.392 ng/ul

RT: 14.08 min Scan# 2173

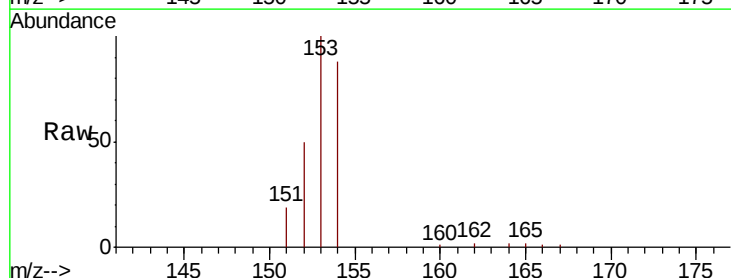
Delta R.T. 0.00 min

Lab File: BE097192.D

Acq: 3 Aug 2018 23:01

Tgt Ion:153 Resp: 5438

Ion	Ratio	Lower	Upper
153	100		
152	50.2	36.0	54.0
154	88.0	72.0	108.0

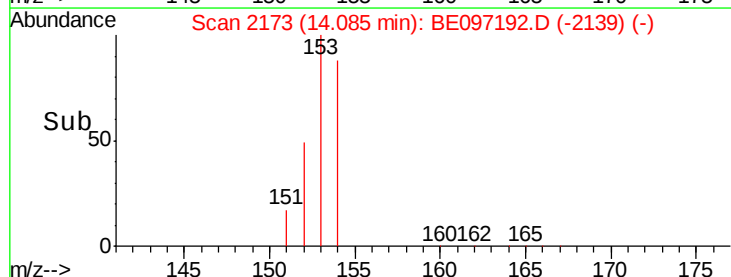
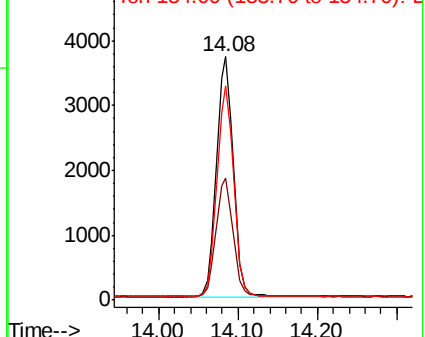


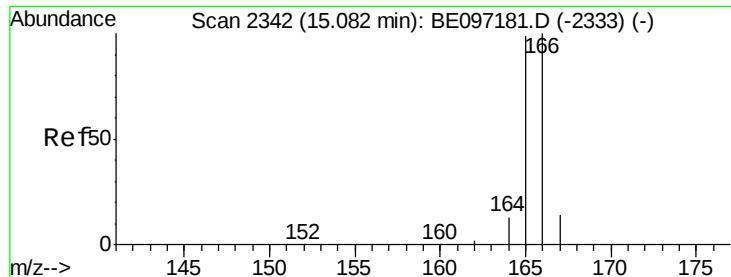
Abundance

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: 0.387 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BE097192.D

Acq: 3 Aug 2018 23:01

Instrument :

BNA_E

ClientSampleId :

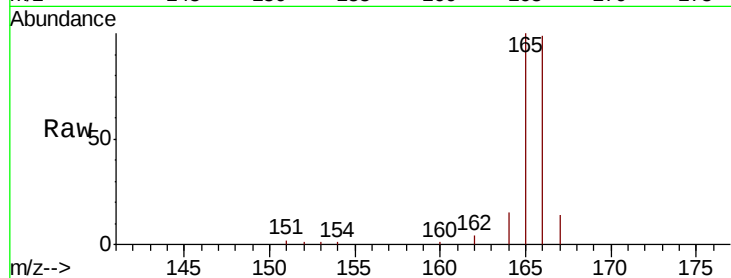
Tot Ion:166 Resp: 6167

Ion Ratio Lower Upper

166 100

165 100.6 73.4 110.2

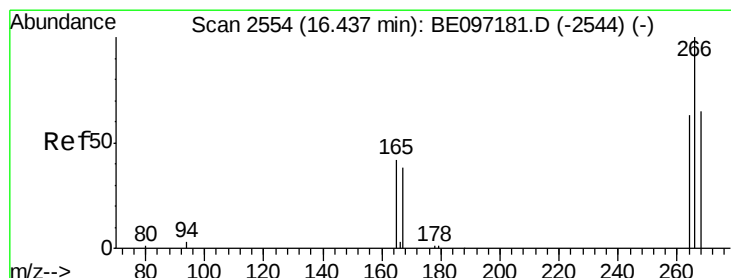
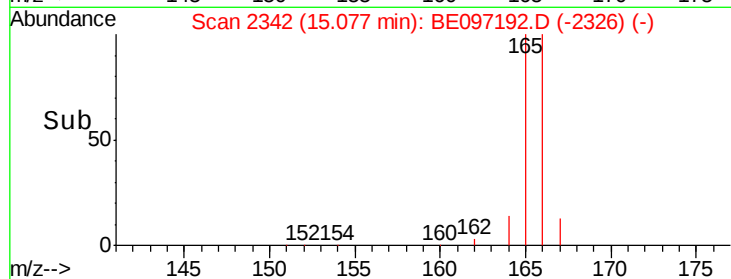
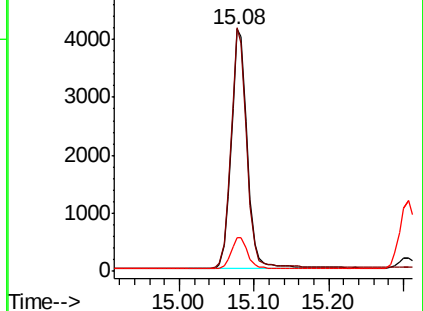
167 14.1 14.6 22.0#



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: 0.317 ng/ul

RT: 16.44 min Scan# 2556

Delta R.T. 0.01 min

Lab File: BE097192.D

Acq: 3 Aug 2018 23:01

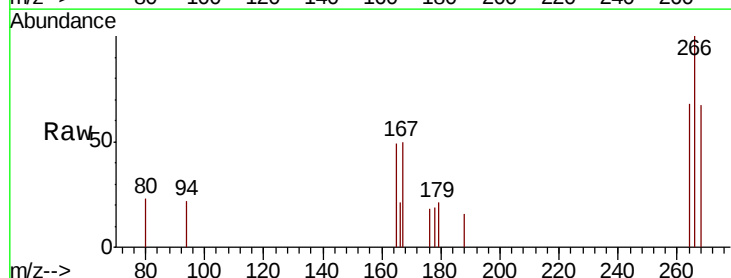
Tgt Ion:266 Resp: 476

Ion Ratio Lower Upper

266 100

264 62.4 47.9 71.9

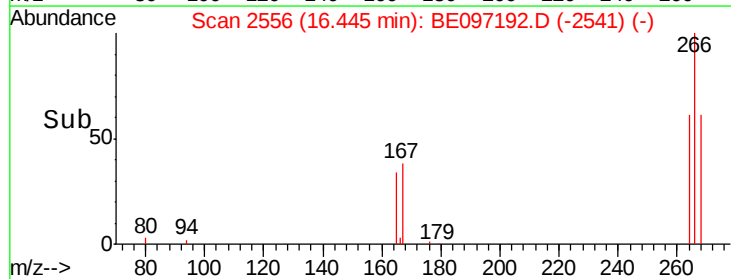
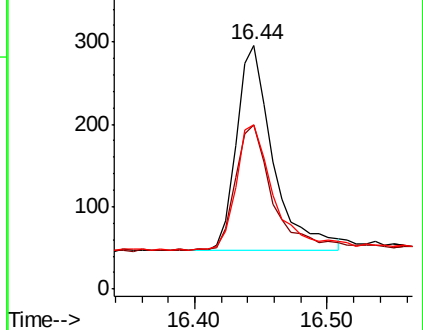
268 63.9 49.8 74.8

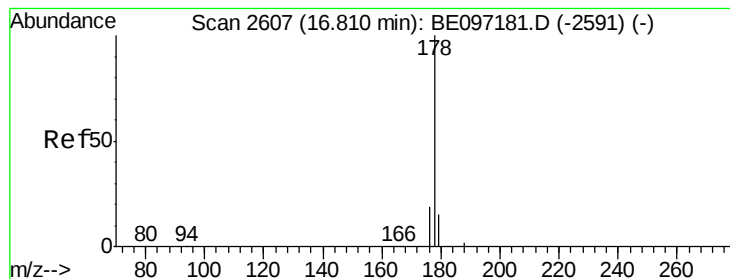


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.385 ng/ul

RT: 16.81 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BE097192.D

Acq: 3 Aug 2018 23:01

Instrument :

BNA_E

ClientSampleId :

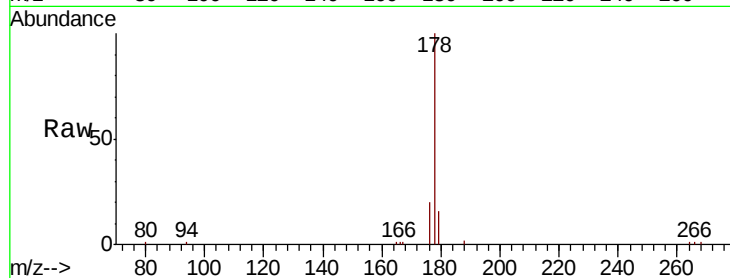
Tot Ion:178 Resp: 10290

Ion Ratio Lower Upper

178 100

179 15.8 18.4 27.6#

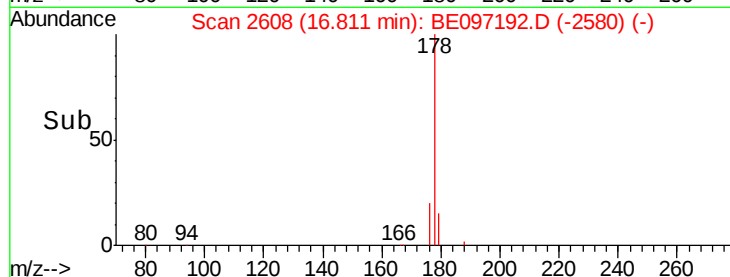
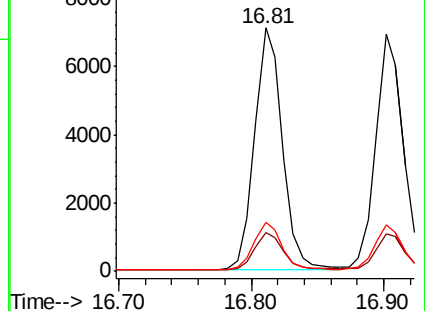
176 20.3 13.6 20.4



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: 0.406 ng/ul

RT: 16.90 min Scan# 2621

Delta R.T. 0.00 min

Lab File: BE097192.D

Acq: 3 Aug 2018 23:01

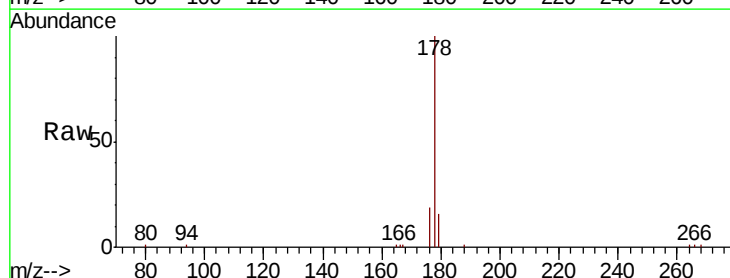
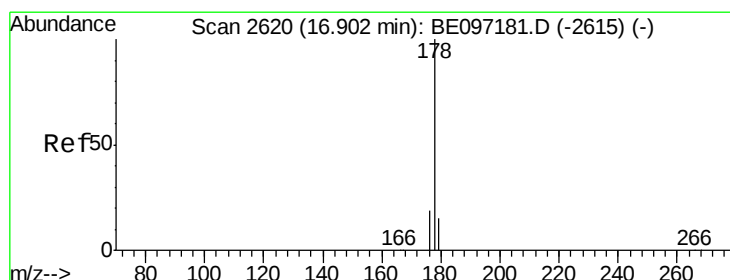
Tgt Ion:178 Resp: 10130

Ion Ratio Lower Upper

178 100

179 15.7 18.1 27.1#

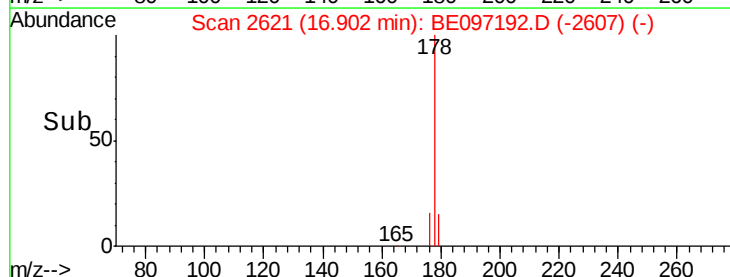
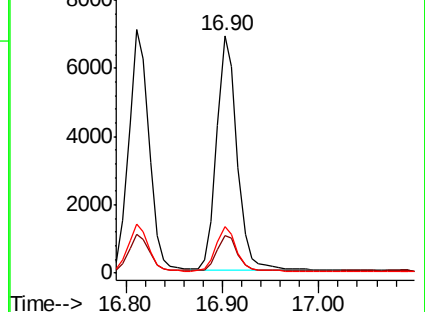
176 19.4 14.7 22.1

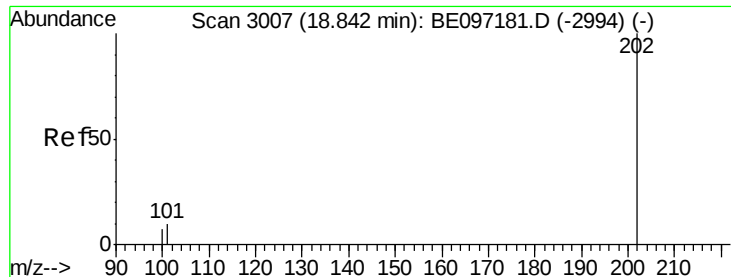


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

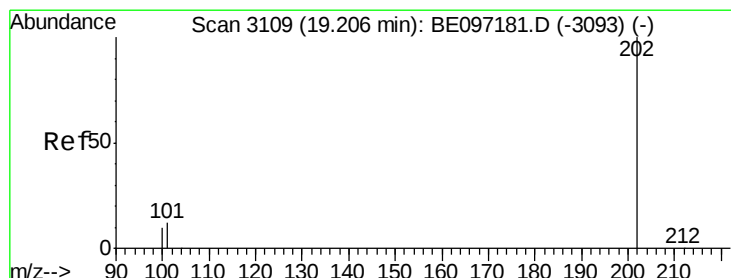
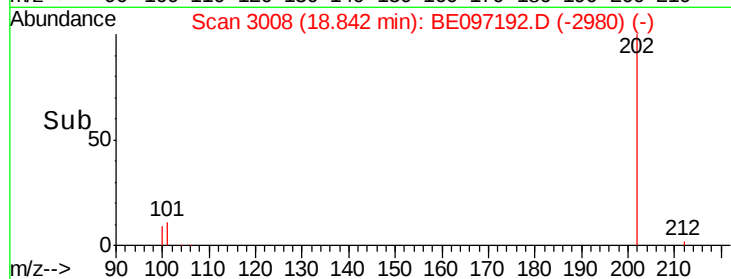
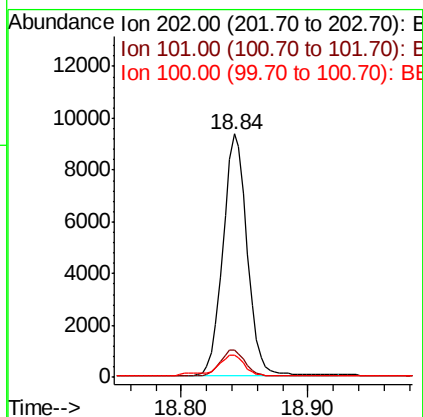
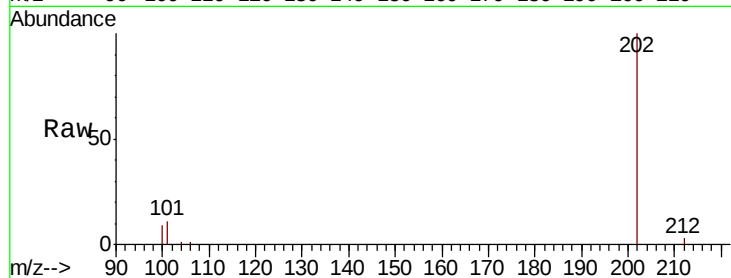




#15
Fluoranthene
Concen: 0.349 ng/ul
RT: 18.84 min Scan# 3008
Delta R.T. -0.00 min
Lab File: BE097192.D
Acq: 3 Aug 2018 23:01

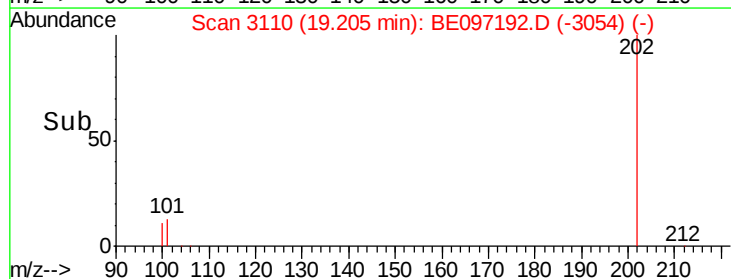
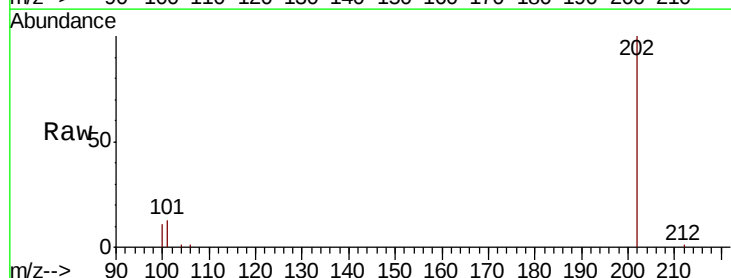
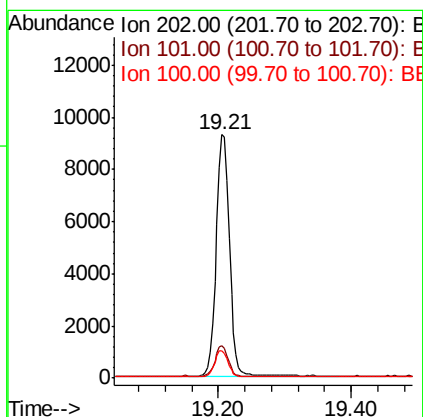
Instrument :
BNA_E
ClientSampleId :

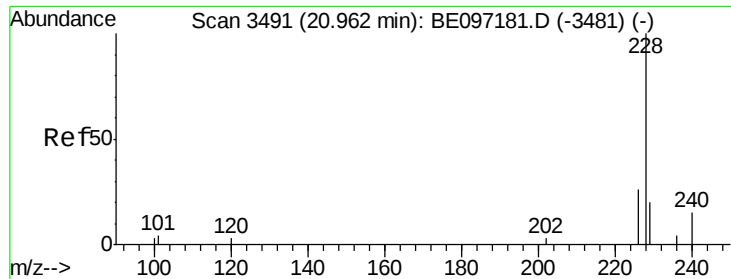
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.3
100	9.1	0.0	39.5



#17
Pyrene
Concen: 0.412 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BE097192.D
Acq: 3 Aug 2018 23:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	18.2	27.4#
100	11.2	15.6	23.4#

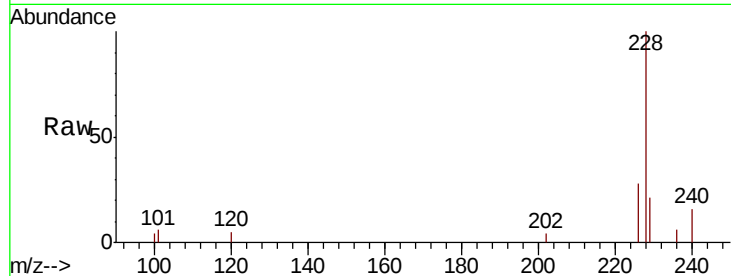




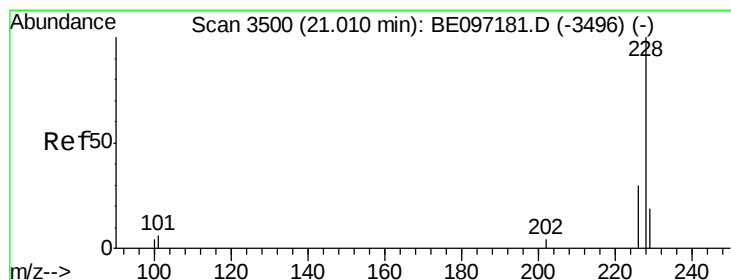
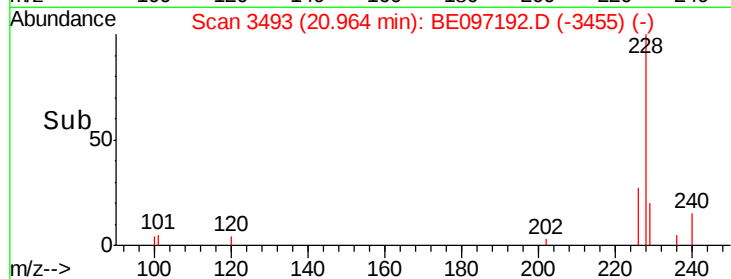
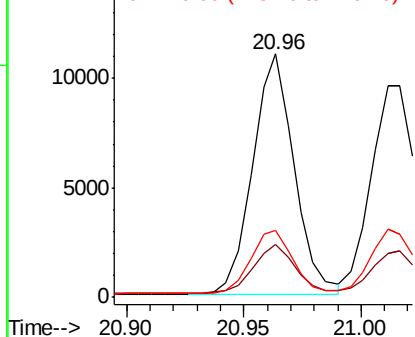
#18
Benzo(a)anthracene
Concen: 0.408 ng/ul
RT: 20.96 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BE097192.D
Acq: 3 Aug 2018 23:01

Instrument :
BNA_E
ClientSampled :

Tot Ion:228 Resp: 13494
Ion Ratio Lower Upper
228 100
229 21.5 22.8 34.2#
226 27.7 17.0 25.6#

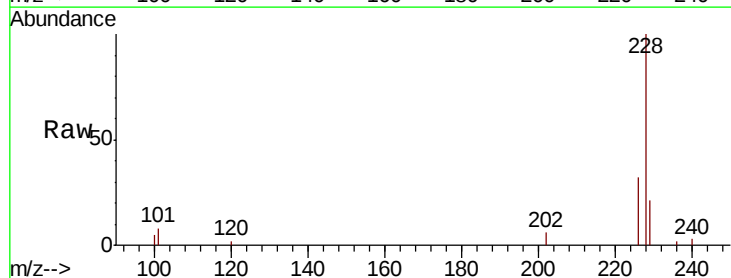


Abundance Ion 228.00 (227.70 to 228.70): E
15000 Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

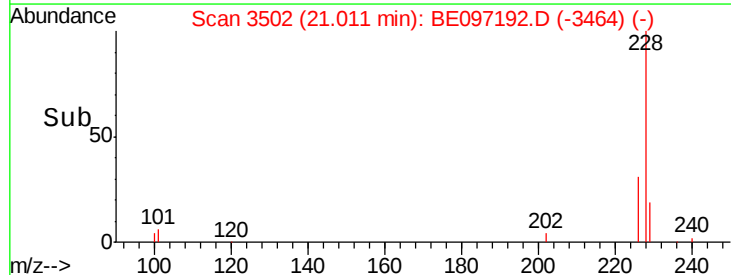
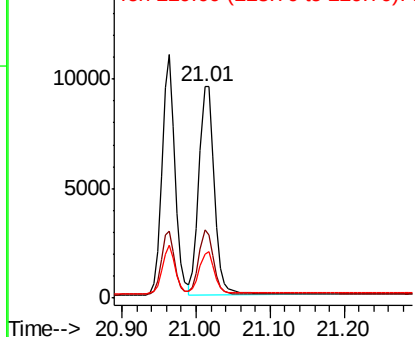


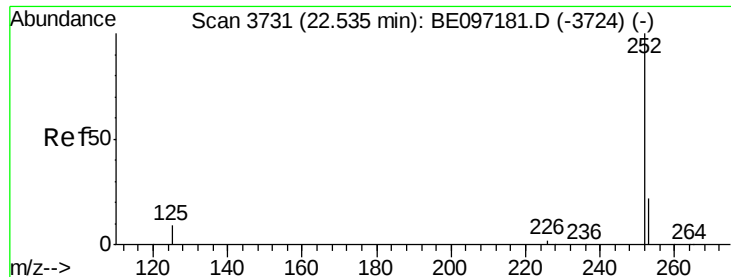
#19
Chrysene
Concen: 0.394 ng/ul
RT: 21.01 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BE097192.D
Acq: 3 Aug 2018 23:01

Tgt Ion:228 Resp: 13423
Ion Ratio Lower Upper
228 100
226 32.1 23.4 35.0
229 21.0 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E
15000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.405 ng/ul

RT: 22.54 min Scan# 3734

Delta R.T. 0.01 min

Lab File: BE097192.D

Acq: 3 Aug 2018 23:01

Instrument :

BNA_E

ClientSampleId :

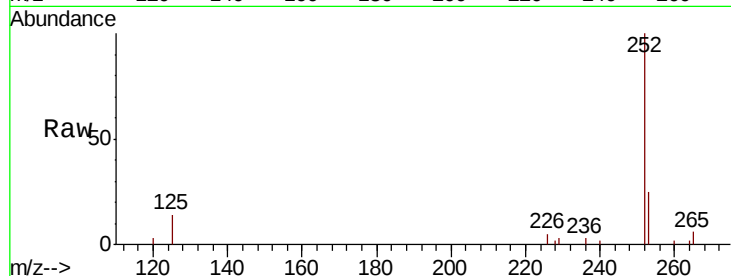
Tot Ion:252 Resp: 13365

Ion Ratio Lower Upper

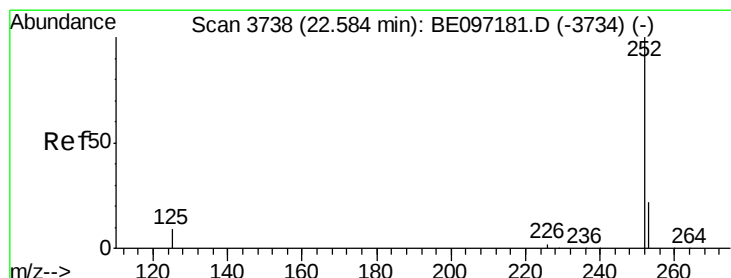
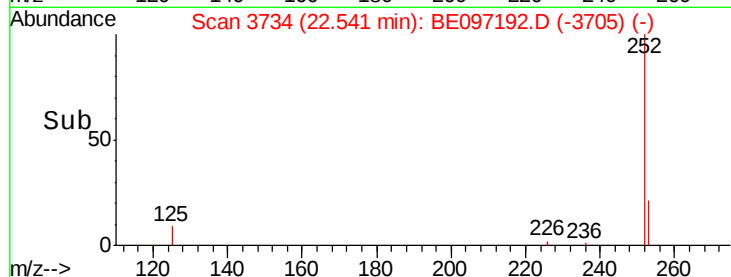
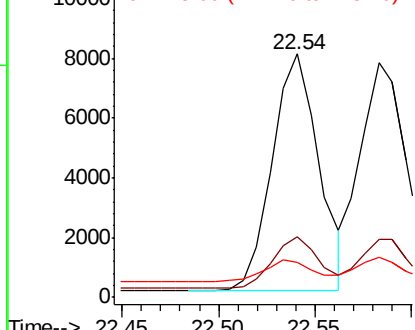
252 100

253 24.7 0.0 64.2

125 14.4 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: 0.373 ng/ul

RT: 22.58 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BE097192.D

Acq: 3 Aug 2018 23:01

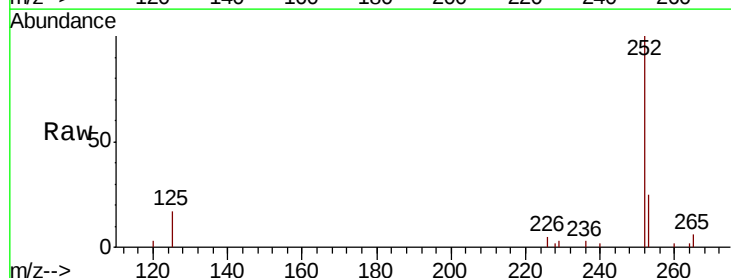
Tgt Ion:252 Resp: 13289

Ion Ratio Lower Upper

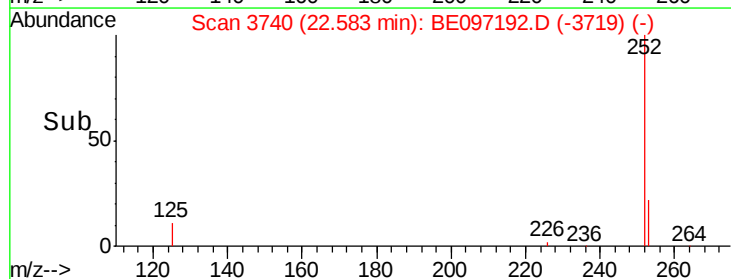
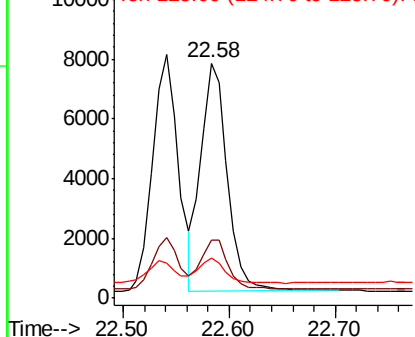
252 100

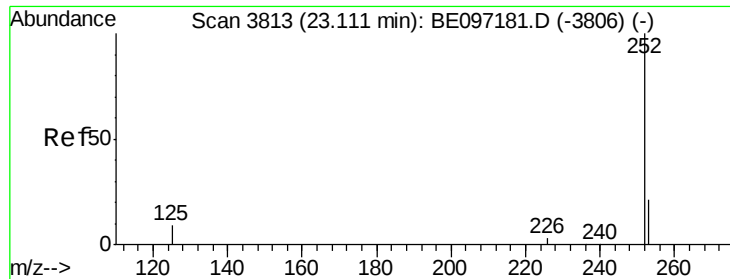
253 24.9 24.5 36.7

125 17.1 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: 0.393 ng/ul

RT: 23.12 min Scan# 3816

Delta R.T. 0.01 min

Lab File: BE097192.D

Acq: 3 Aug 2018 23:01

Instrument :

BNA_E

ClientSampleId :

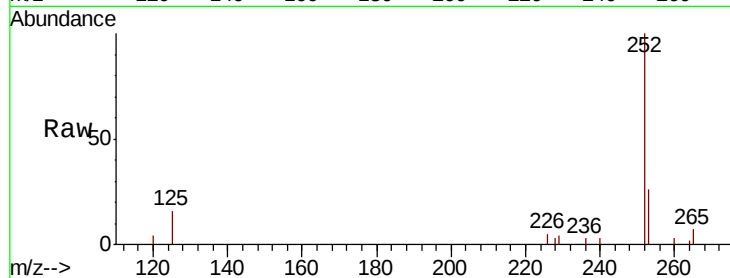
Tot Ion:252 Resp: 12970

Ion Ratio Lower Upper

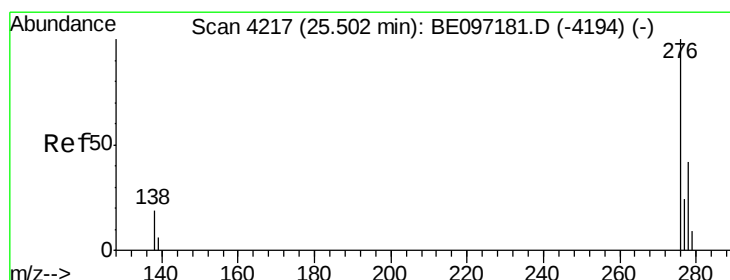
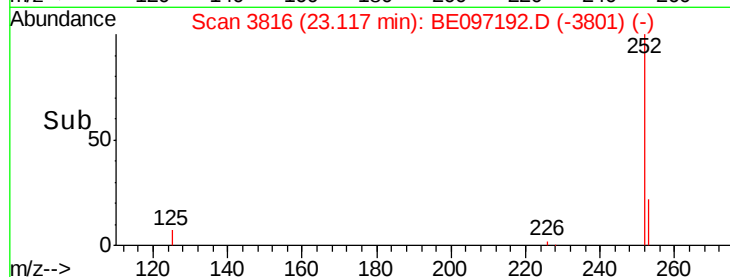
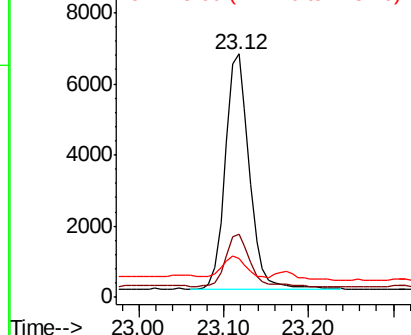
252 100

253 25.8 28.5 42.7#

125 15.9 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: 0.394 ng/ul

RT: 25.51 min Scan# 4221

Delta R.T. 0.01 min

Lab File: BE097192.D

Acq: 3 Aug 2018 23:01

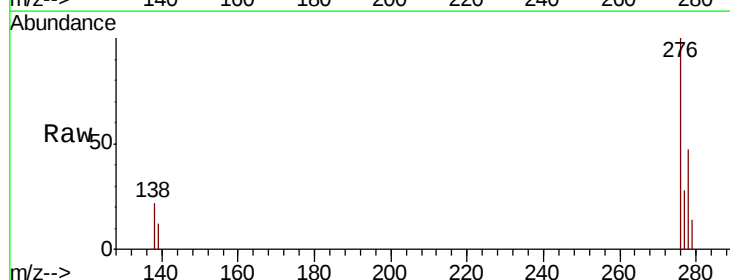
Tgt Ion:276 Resp: 16291

Ion Ratio Lower Upper

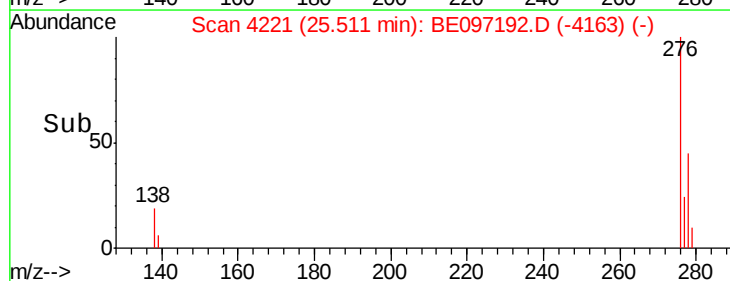
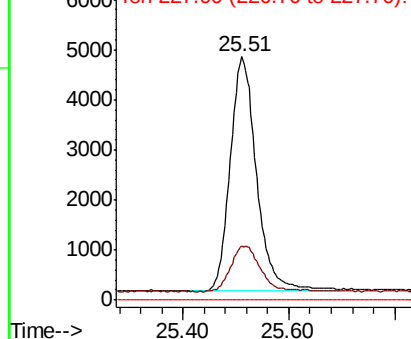
276 100

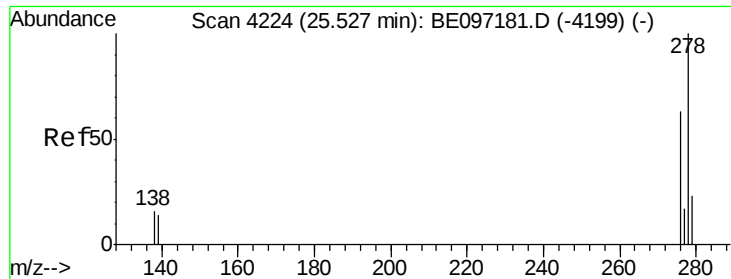
138 21.7 28.0 42.0#

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

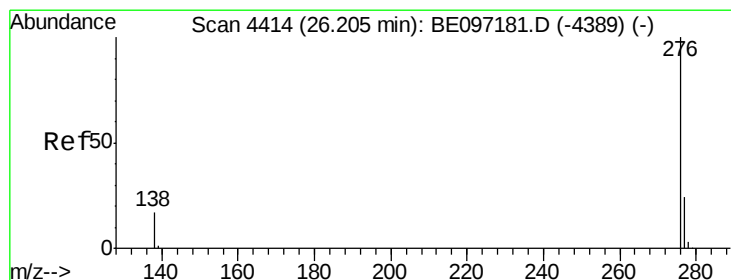
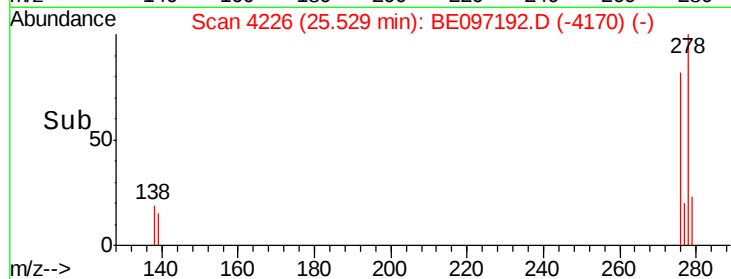
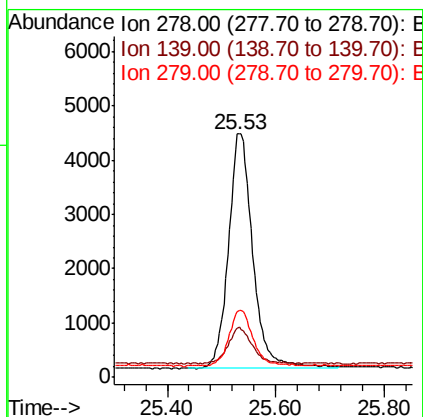
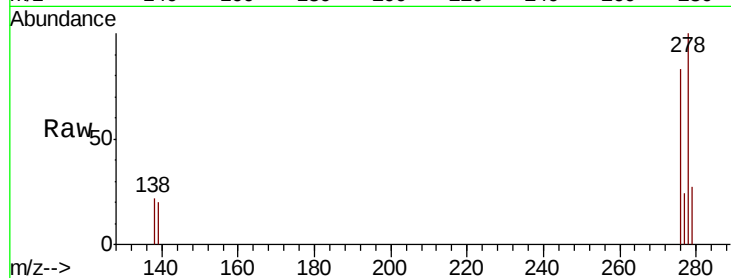




#25
Dibenzo(a,h)anthracene
Concen: 0.401 ng/ul
RT: 25.53 min Scan# 4226
Delta R.T. 0.00 min
Lab File: BE097192.D
Acq: 3 Aug 2018 23:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 13552
Ion Ratio Lower Upper
278 100
139 19.9 17.4 26.0
279 27.2 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 26.21 min Scan# 4418
Delta R.T. 0.01 min
Lab File: BE097192.D
Acq: 3 Aug 2018 23:01

Tgt Ion:276 Resp: 13653
Ion Ratio Lower Upper
276 100
138 21.3 21.8 32.8#
277 27.3 20.5 30.7

