

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097296.D
 Acq On : 17 Aug 2018 14:09
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 17 14:55:00 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

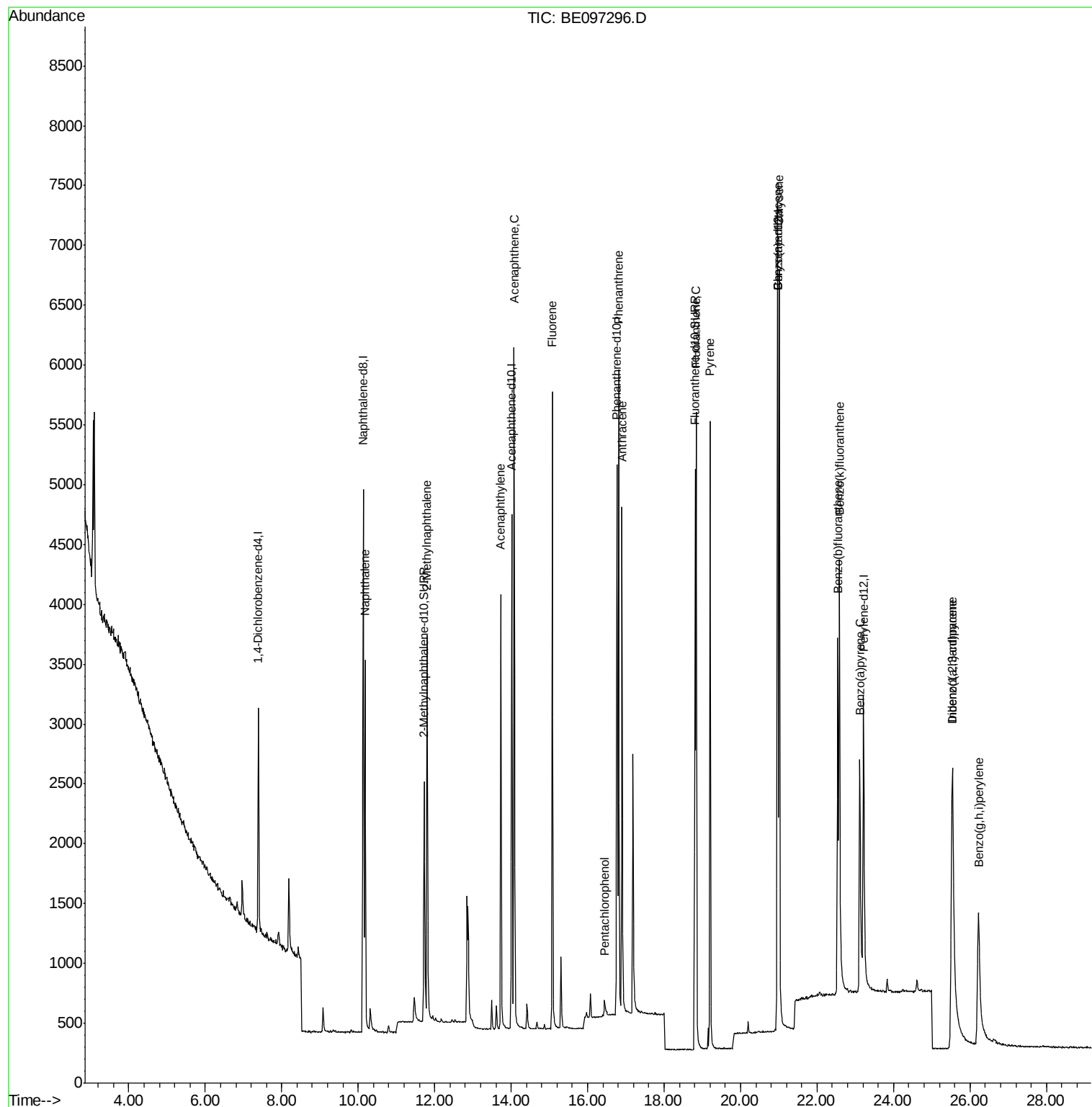
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	944	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	4782	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	2440	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	5570	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	4784	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	3998	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	3016	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	5798	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	4670	0.400	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	3002	0.399	ng/ul	99
7) Acenaphthylene	13.73	152	4383	0.398	ng/ul	98
8) Acenaphthene	14.08	153	3161	0.399	ng/ul#	88
9) Fluorene	15.08	166	3423	0.397	ng/ul	91
11) Pentachlorophenol	16.44	266	115	0.318	ng/ul	95
12) Phenanthrene	16.81	178	5732	0.398	ng/ul#	89
13) Anthracene	16.90	178	4737	0.393	ng/ul#	92
15) Fluoranthene	18.84	202	6052	0.396	ng/ul	85
17) Pyrene	19.20	202	5871	0.406	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	4611	0.389	ng/ul#	86
19) Chrysene	21.01	228	5705	0.403	ng/ul	96
21) Benzo(b)fluoranthene	22.54	252	4277	0.395	ng/ul	85
22) Benzo(k)fluoranthene	22.58	252	5461	0.406	ng/ul#	88
23) Benzo(a)pyrene	23.12	252	3841	0.384	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.54	276	4925	0.396	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.55	278	3994	0.397	ng/ul	95
26) Benzo(g,h,i)perylene	26.22	276	3882	0.390	ng/ul	93

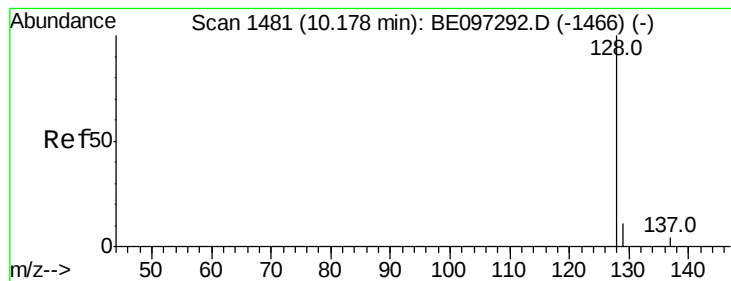
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.400 ng/ul

RT: 10.18 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BE097296.D

Acq: 17 Aug 2018 14:09

Instrument :

BNA_E

ClientSampleId :

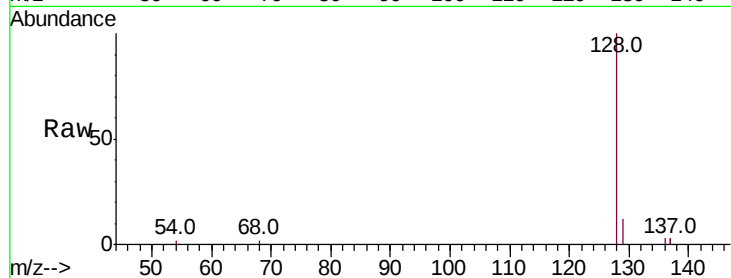
Tot Ion:128 Resp: 4670

Ion Ratio Lower Upper

128 100

129 12.3 11.3 16.9

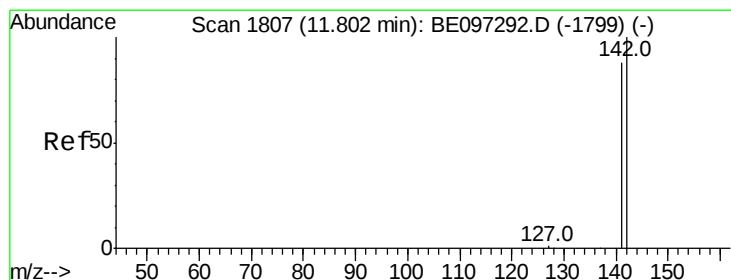
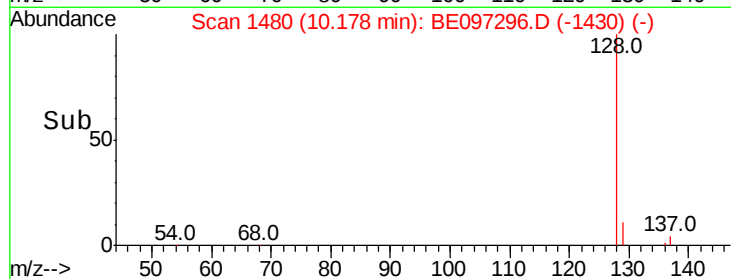
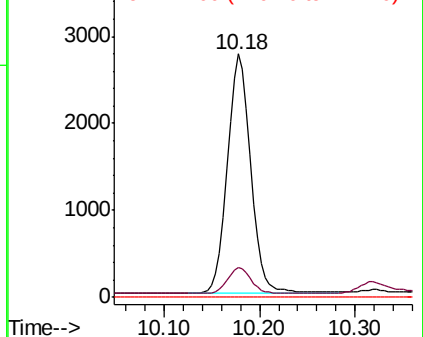
127 0.0 4.0 6.0#



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: 0.399 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BE097296.D

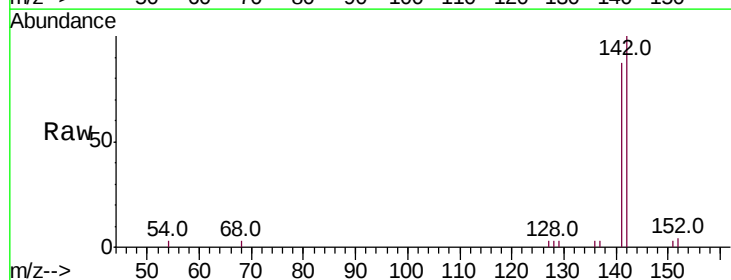
Acq: 17 Aug 2018 14:09

Tgt Ion:142 Resp: 3002

Ion Ratio Lower Upper

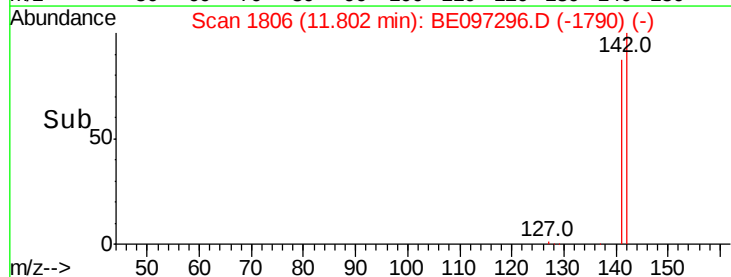
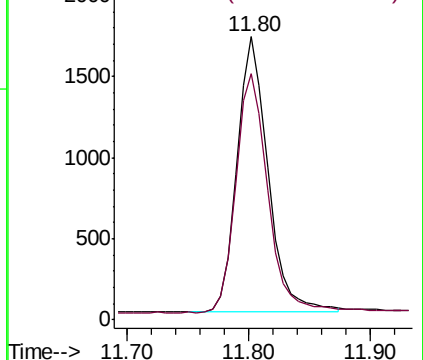
142 100

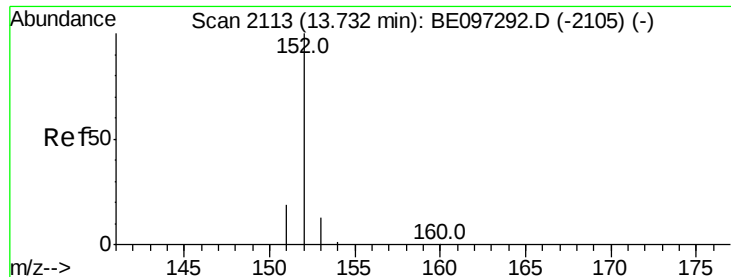
141 89.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.398 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE097296.D

Acq: 17 Aug 2018 14:09

Instrument :

BNA_E

ClientSampleId :

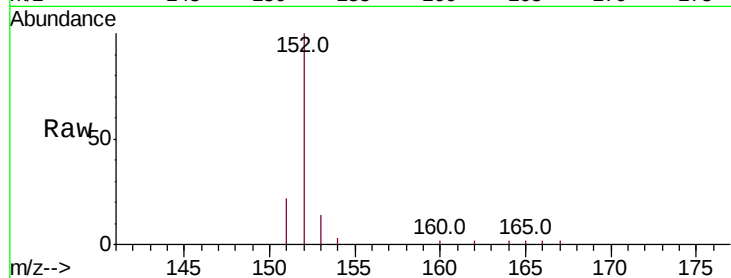
Tot Ion:152 Resp: 4383

Ion Ratio Lower Upper

152 100

151 21.7 17.1 25.7

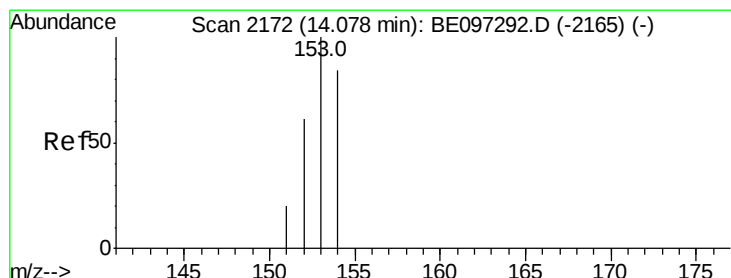
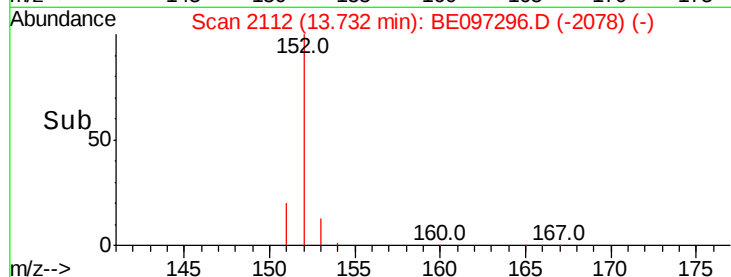
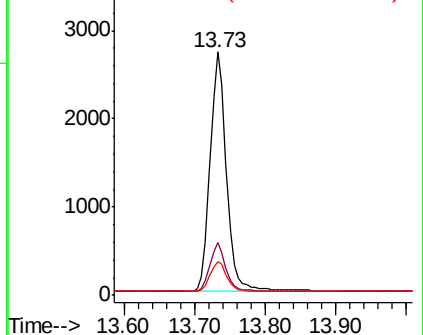
153 14.0 12.8 19.2



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: 0.399 ng/ul

RT: 14.08 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BE097296.D

Acq: 17 Aug 2018 14:09

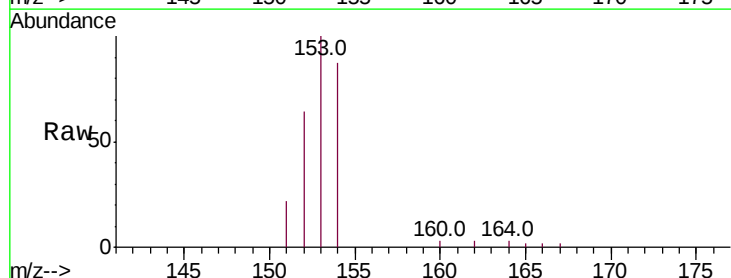
Tgt Ion:153 Resp: 3161

Ion Ratio Lower Upper

153 100

152 64.0 36.0 54.0#

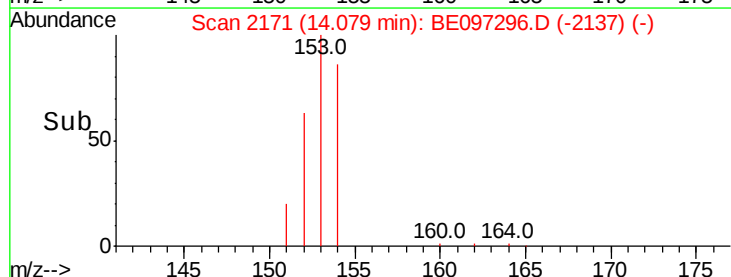
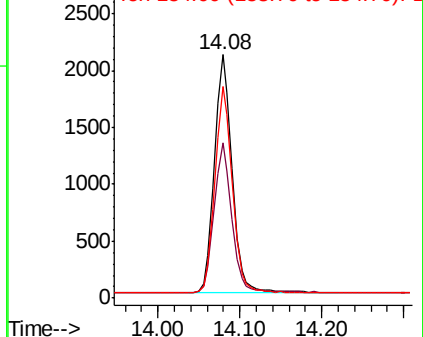
154 86.7 72.0 108.0

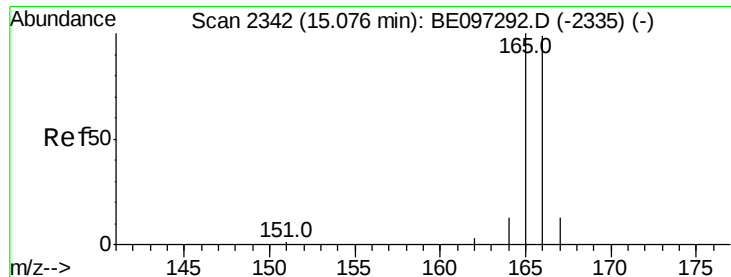


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.397 ng/ul

RT: 15.08 min Scan# 2341

Delta R.T. 0.00 min

Lab File: BE097296.D

Acq: 17 Aug 2018 14:09

Instrument :

BNA_E

ClientSampleId :

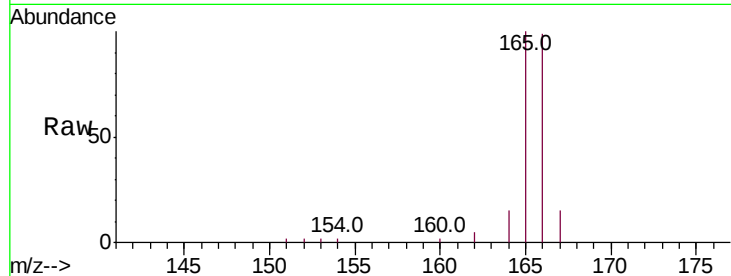
Tot Ion:166 Resp: 3423

Ion Ratio Lower Upper

166 100

165 101.0 73.4 110.2

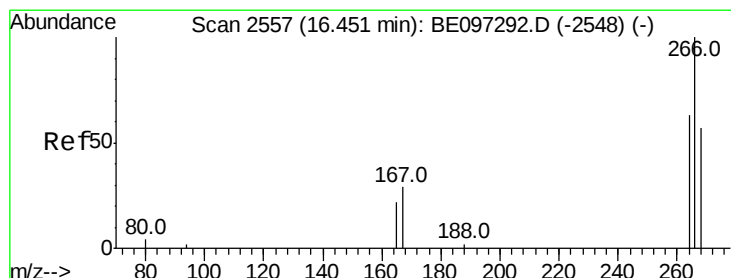
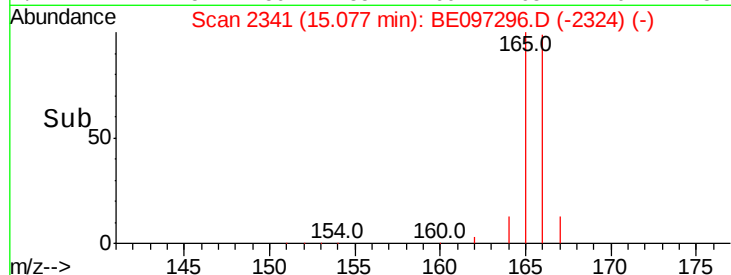
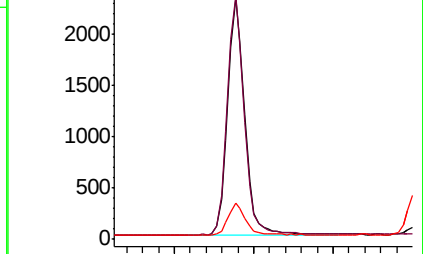
167 15.1 14.6 22.0



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: 0.318 ng/ul

RT: 16.44 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BE097296.D

Acq: 17 Aug 2018 14:09

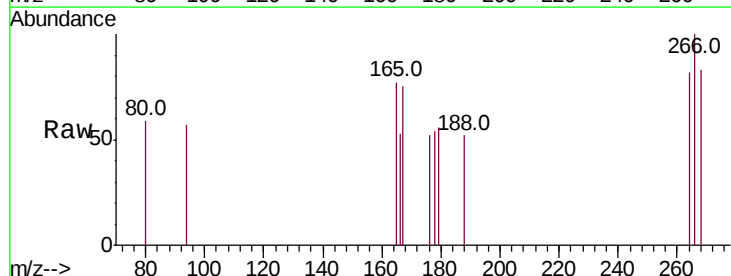
Tgt Ion:266 Resp: 115

Ion Ratio Lower Upper

266 100

264 64.3 47.9 71.9

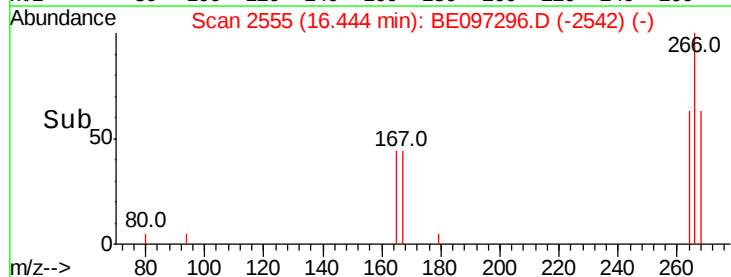
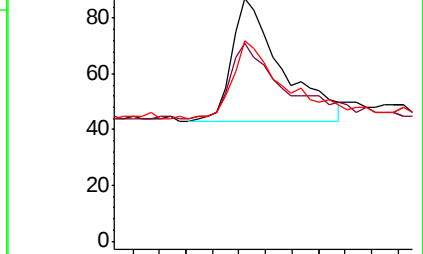
268 65.2 49.8 74.8

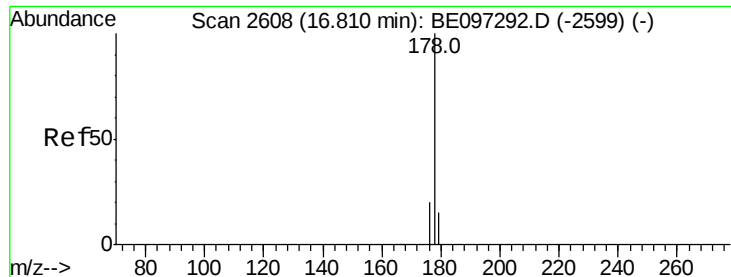


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.398 ng/ul

RT: 16.81 min Scan# 2607

Delta R.T. 0.00 min

Lab File: BE097296.D

Acq: 17 Aug 2018 14:09

Instrument :

BNA_E

ClientSampleId :

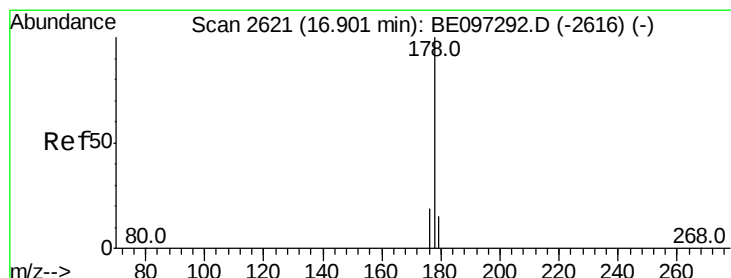
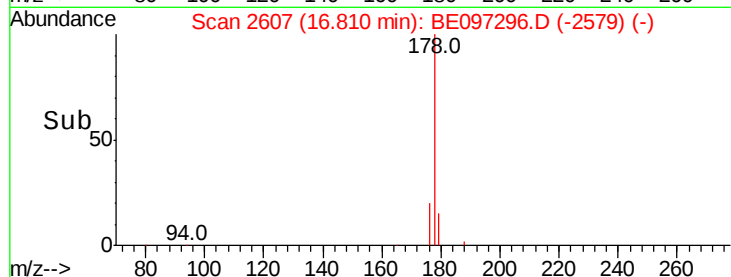
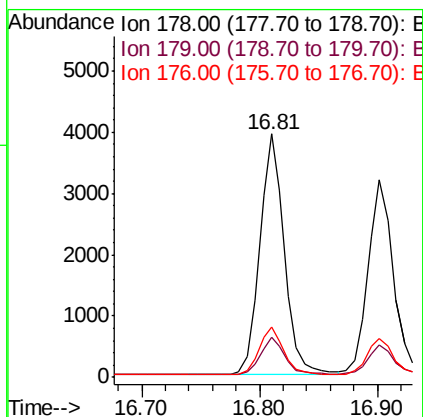
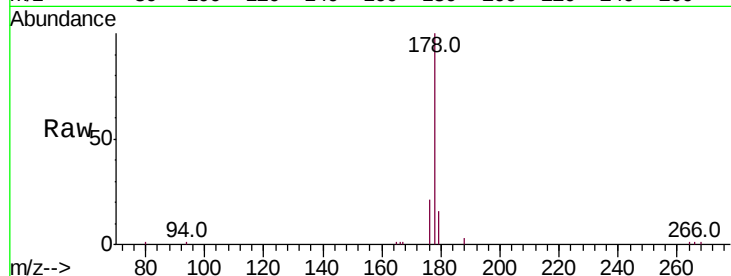
Tot Ion:178 Resp: 5732

Ion Ratio Lower Upper

178 100

179 16.5 18.4 27.6#

176 20.7 13.6 20.4#



#13

Anthracene

Concen: 0.393 ng/ul

RT: 16.90 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BE097296.D

Acq: 17 Aug 2018 14:09

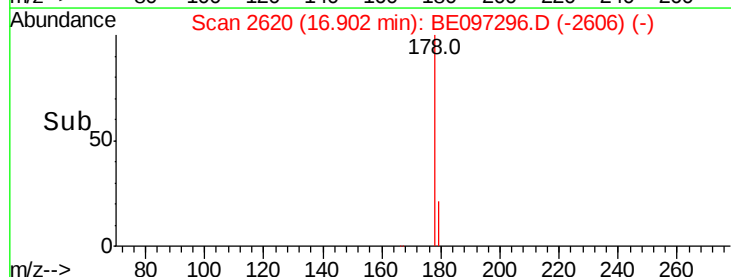
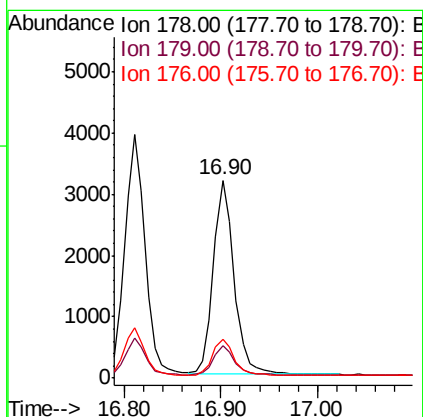
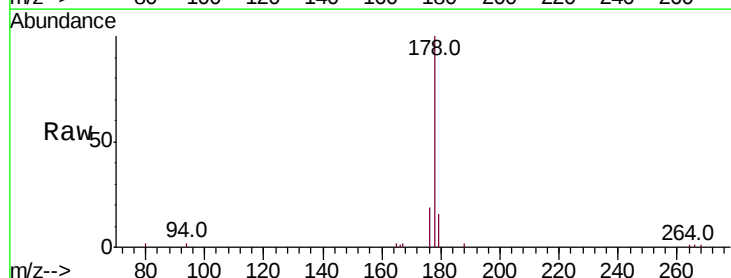
Tgt Ion:178 Resp: 4737

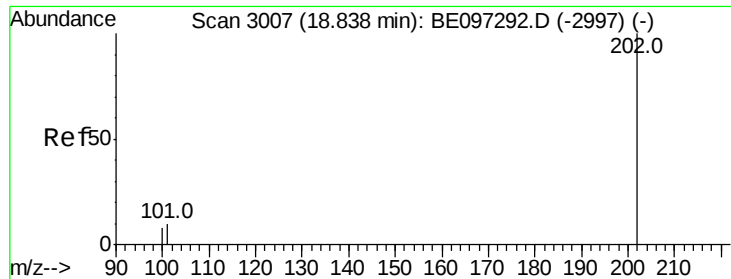
Ion Ratio Lower Upper

178 100

179 16.3 18.1 27.1#

176 19.5 14.7 22.1

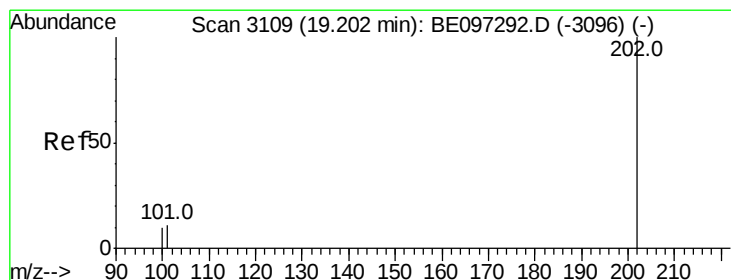
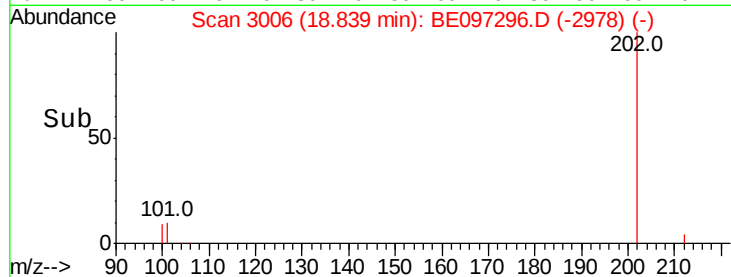
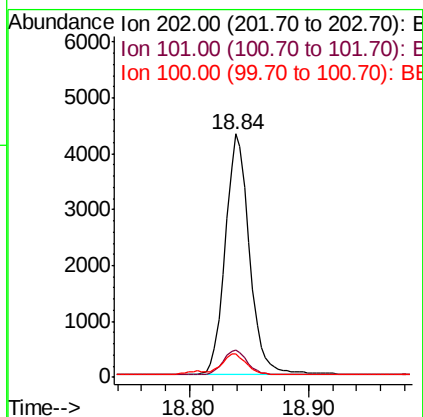
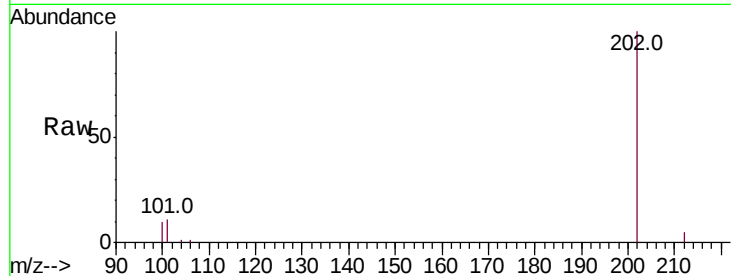




#15
Fluoranthene
 Concen: 0.396 ng/ul
 RT: 18.84 min Scan# 3006
 Delta R.T. 0.00 min
 Lab File: BE097296.D
 Acq: 17 Aug 2018 14:09

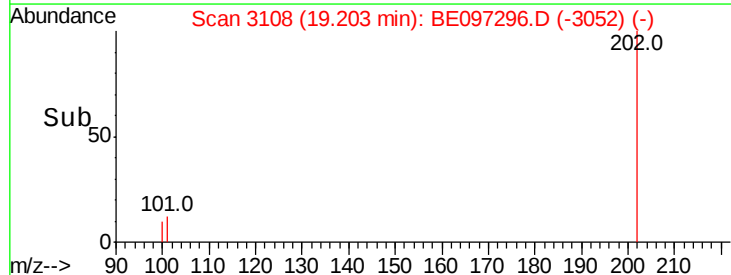
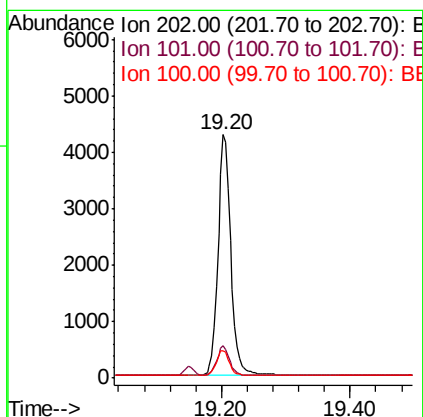
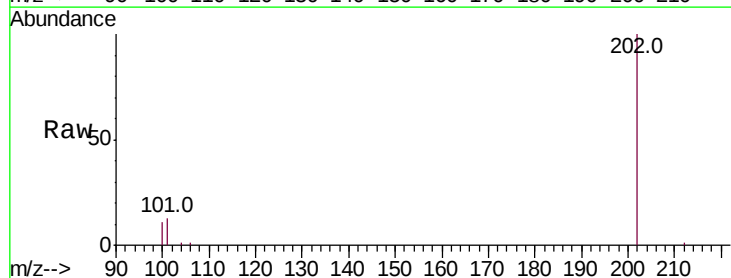
Instrument :
 BNA_E
 ClientSampleId :

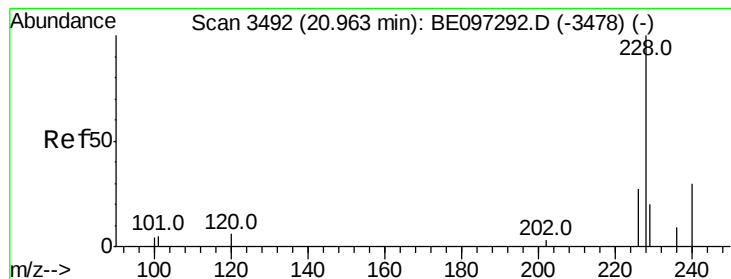
Tot Ion:202 Resp: 6052
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 30.3
 100 9.8 0.0 39.5



#17
Pyrene
 Concen: 0.406 ng/ul
 RT: 19.20 min Scan# 3108
 Delta R.T. 0.00 min
 Lab File: BE097296.D
 Acq: 17 Aug 2018 14:09

Tgt Ion:202 Resp: 5871
 Ion Ratio Lower Upper
 202 100
 101 13.4 18.2 27.4#
 100 11.4 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.389 ng/ul

RT: 20.96 min Scan# 3491

Delta R.T. 0.00 min

Lab File: BE097296.D

Acq: 17 Aug 2018 14:09

Instrument :

BNA_E

ClientSampleId :

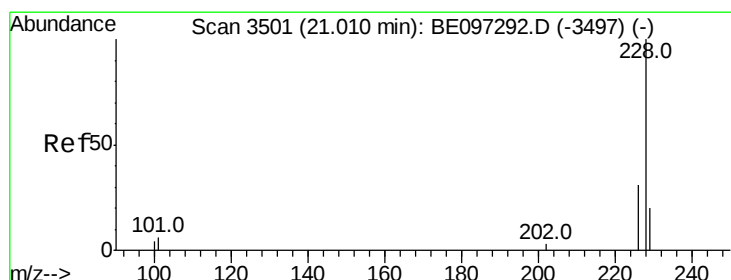
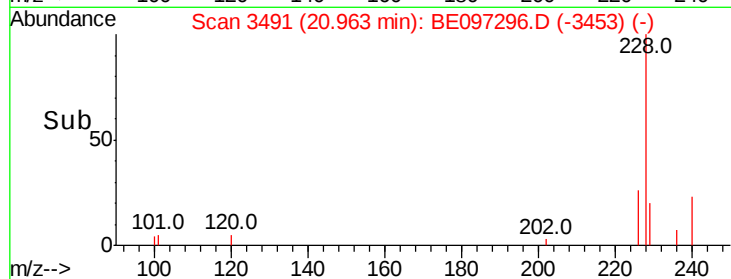
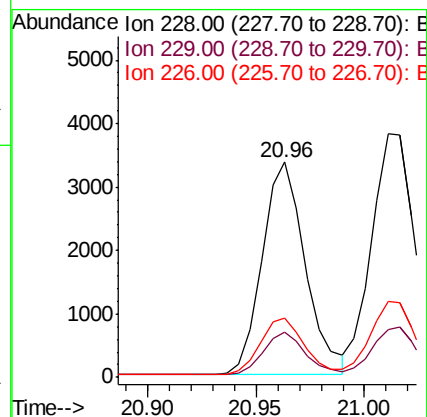
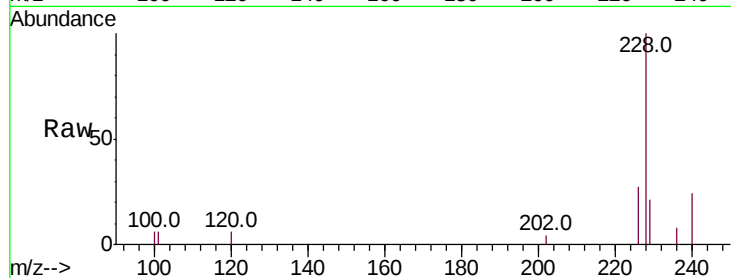
Tot Ion:228 Resp: 4611

Ion Ratio Lower Upper

228 100

229 20.8 22.8 34.2#

226 27.3 17.0 25.6#



#19

Chrysene

Concen: 0.403 ng/ul

RT: 21.01 min Scan# 3500

Delta R.T. 0.00 min

Lab File: BE097296.D

Acq: 17 Aug 2018 14:09

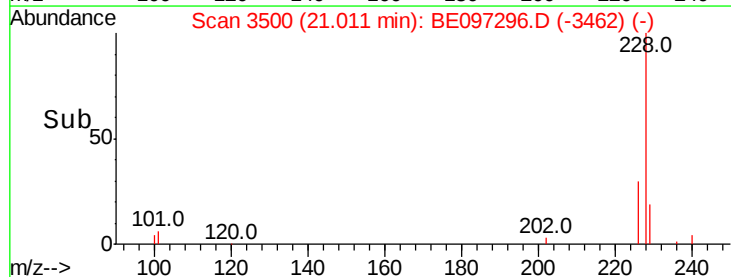
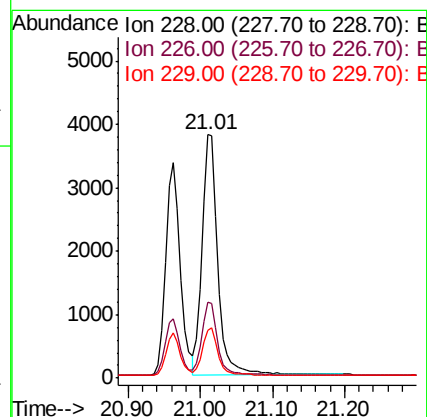
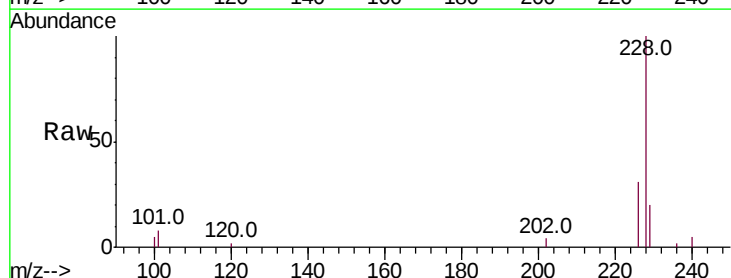
Tgt Ion:228 Resp: 5705

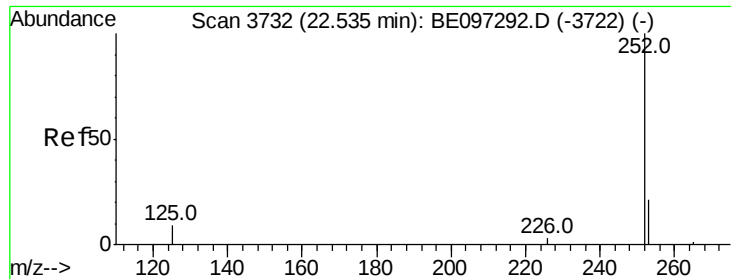
Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.0

229 19.7 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.395 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. 0.01 min

Lab File: BE097296.D

Acq: 17 Aug 2018 14:09

Instrument :

BNA_E

ClientSampleId :

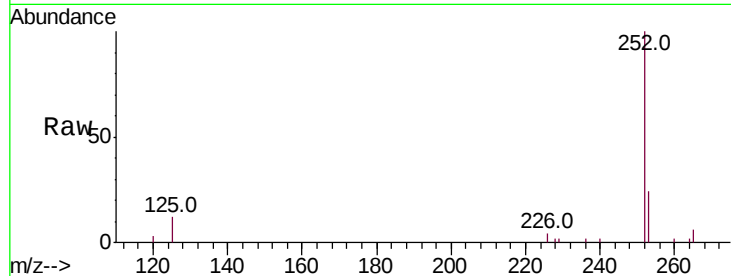
Tot Ion:252 Resp: 4277

Ion Ratio Lower Upper

252 100

253 23.5 0.0 64.2

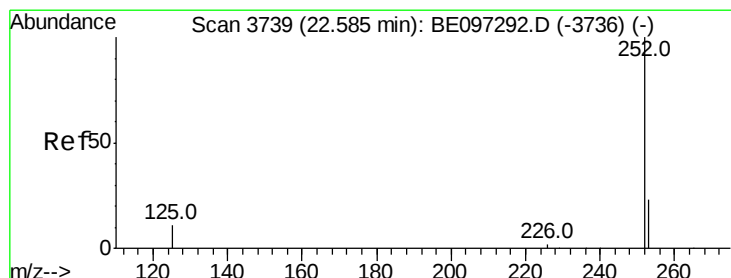
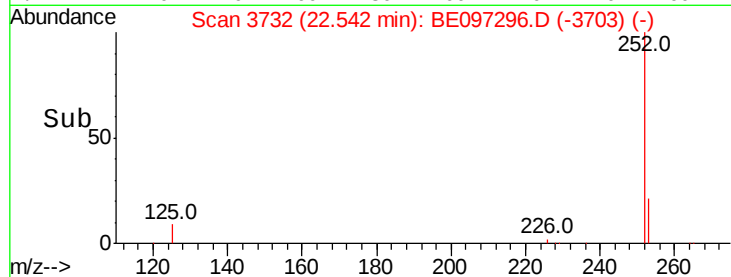
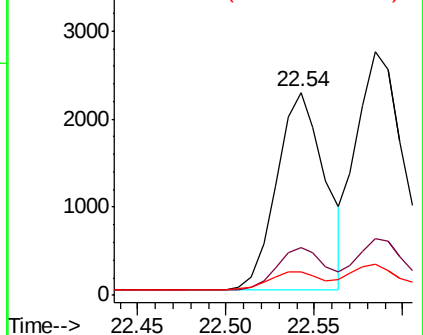
125 11.5 0.0 35.0



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: 0.406 ng/ul

RT: 22.58 min Scan# 3738

Delta R.T. -0.00 min

Lab File: BE097296.D

Acq: 17 Aug 2018 14:09

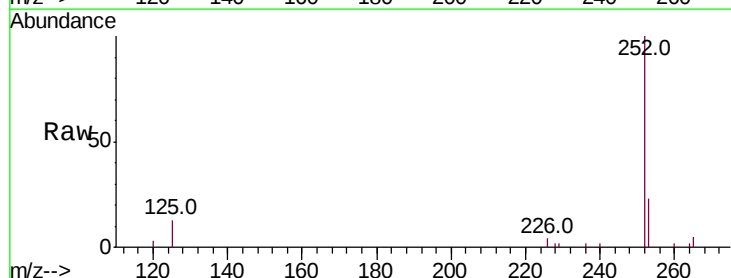
Tgt Ion:252 Resp: 5461

Ion Ratio Lower Upper

252 100

253 23.5 24.5 36.7#

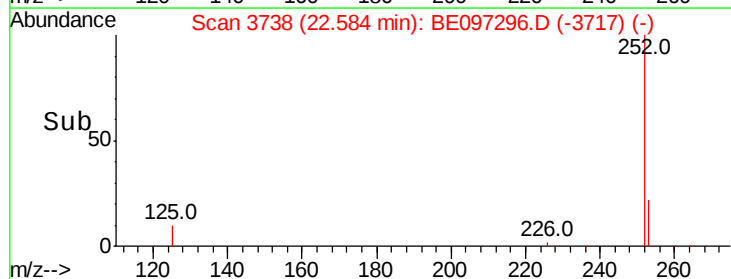
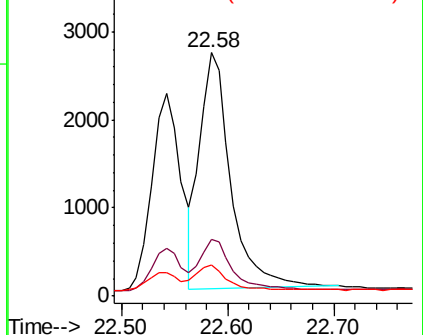
125 12.6 13.7 20.5#

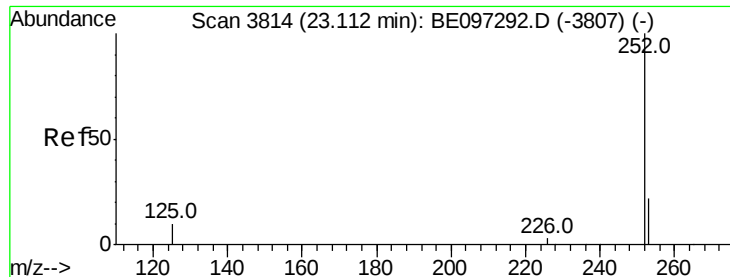


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.384 ng/ul

RT: 23.12 min Scan# 3814

Delta R.T. 0.01 min

Lab File: BE097296.D

Acq: 17 Aug 2018 14:09

Instrument :

BNA_E

ClientSampleId :

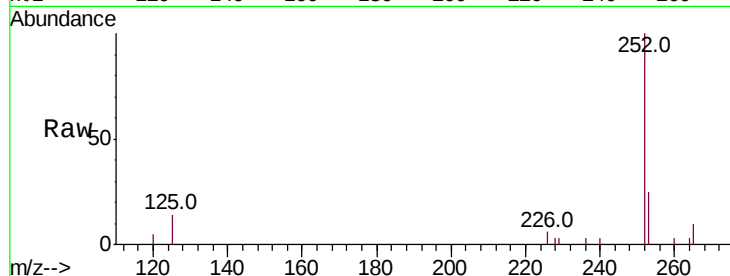
Tot Ion:252 Resp: 3841

Ion Ratio Lower Upper

252 100

253 25.4 28.5 42.7#

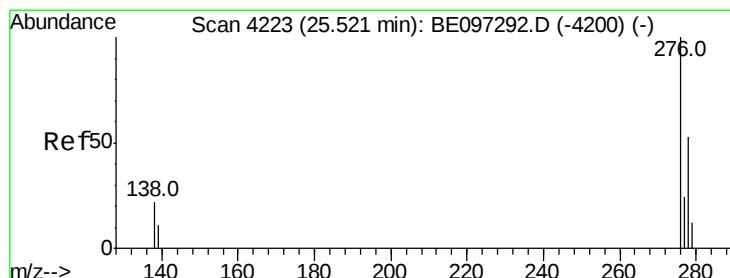
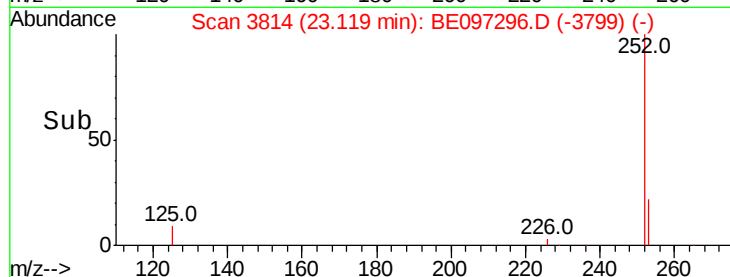
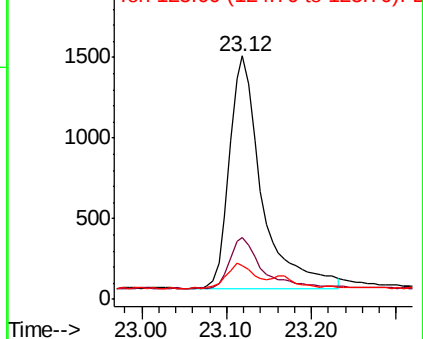
125 13.6 18.1 27.1#



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: 0.396 ng/ul

RT: 25.54 min Scan# 4226

Delta R.T. 0.01 min

Lab File: BE097296.D

Acq: 17 Aug 2018 14:09

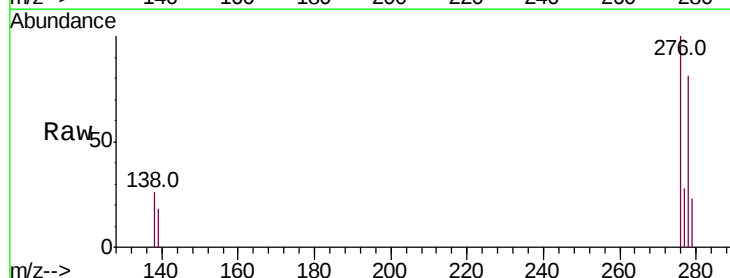
Tgt Ion:276 Resp: 4925

Ion Ratio Lower Upper

276 100

138 21.3 28.0 42.0#

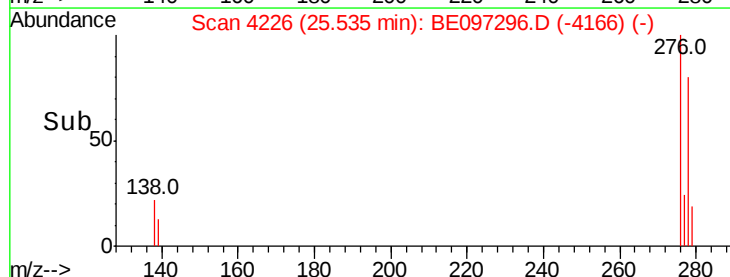
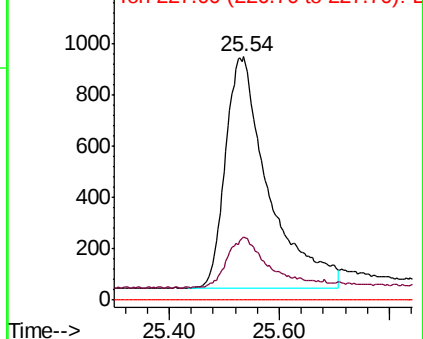
227 0.0 8.0 12.0#

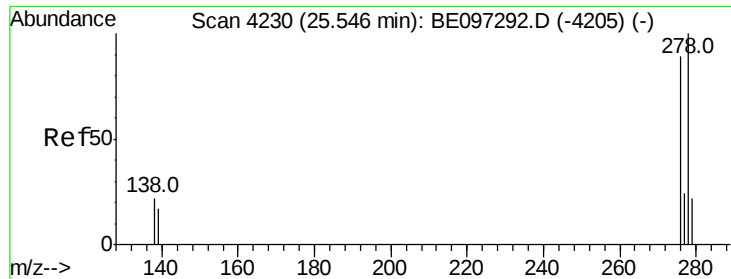


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



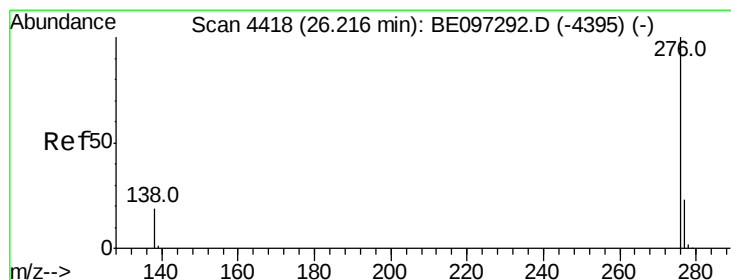
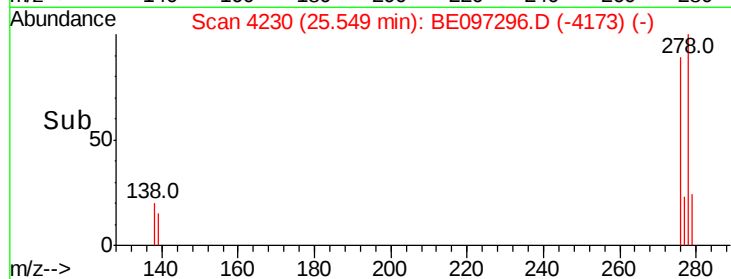
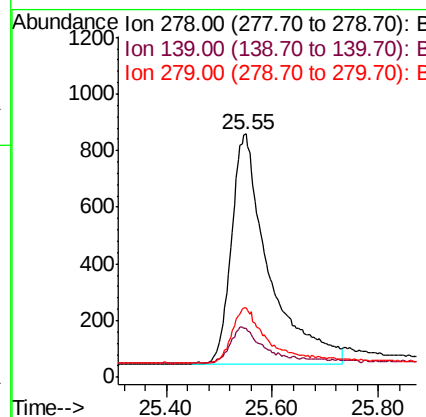
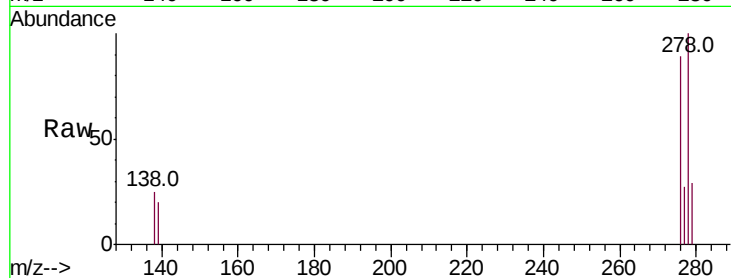


#25
Dibenzo(a,h)anthracene
Concen: 0.397 ng/ul
RT: 25.55 min Scan# 4230
Delta R.T. 0.00 min
Lab File: BE097296.D
Acq: 17 Aug 2018 14:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 3994

Ion	Ratio	Lower	Upper
278	100		
139	20.4	17.4	26.0
279	28.5	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.390 ng/ul
RT: 26.22 min Scan# 4419
Delta R.T. 0.01 min
Lab File: BE097296.D
Acq: 17 Aug 2018 14:09

Tgt Ion:276 Resp: 3882

Ion	Ratio	Lower	Upper
276	100		
138	22.7	21.8	32.8
277	28.6	20.5	30.7

