

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097297.D
 Acq On : 17 Aug 2018 15:08
 Operator : SJ/JU
 Sample : J4424-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 17 23:15:11 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

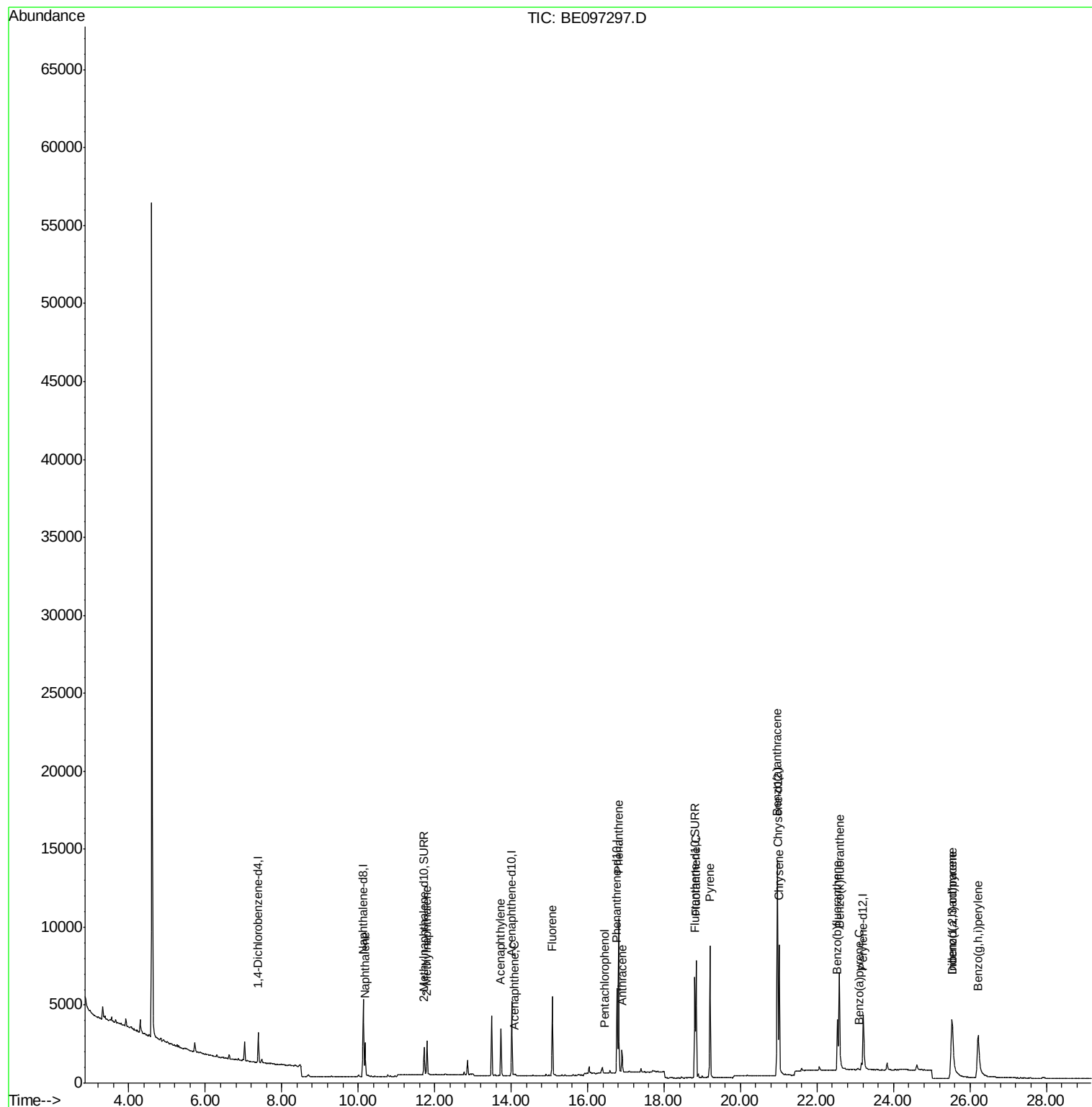
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	976	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	4907	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	2539	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	6336	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	6276	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	5604	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2520	0.32	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	7322	0.43	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	3293	0.275	ng/ul#	94
5) 2-Methylnaphthalene	11.80	142	1958	0.254	ng/ul	98
7) Acenaphthylene	13.73	152	3652	0.319	ng/ul	97
8) Acenaphthene	14.07	153	84	0.010	ng/ul#	77
9) Fluorene	15.08	166	3280	0.365	ng/ul	93
11) Pentachlorophenol	16.44	266	38	0.092	ng/ul	91
12) Phenanthrene	16.81	178	10755	0.657	ng/ul#	90
13) Anthracene	16.90	178	1654	0.121	ng/ul#	93
15) Fluoranthene	18.84	202	8409	0.483	ng/ul	84
17) Pyrene	19.20	202	9411	0.496	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	10322	0.663	ng/ul#	85
19) Chrysene	21.01	228	7439	0.401	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	4334	0.286	ng/ul	87
22) Benzo(k)fluoranthene	22.58	252	9047	0.480	ng/ul#	92
23) Benzo(a)pyrene	23.11	252	9	0.001	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.52	276	6759	0.388	ng/ul#	78
25) Dibenzo(a,h)anthracene	25.54	278	6147	0.436	ng/ul#	91
26) Benzo(g,h,i)perylene	26.22	276	8667	0.621	ng/ul#	92

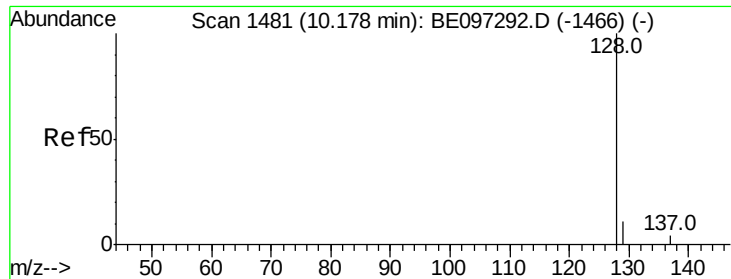
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.275 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097297.D

Acq: 17 Aug 2018 15:08

Instrument :

BNA_E

ClientSampleId :

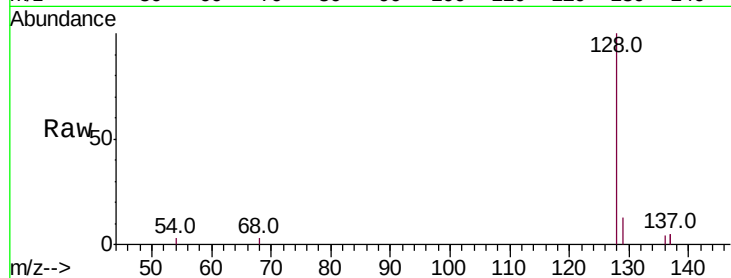
Tot Ion:128 Resp: 3293

Ion Ratio Lower Upper

128 100

129 13.2 11.3 16.9

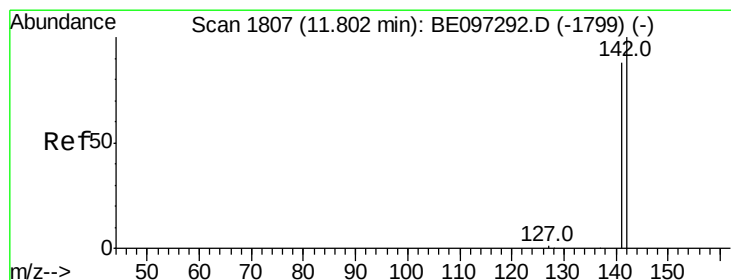
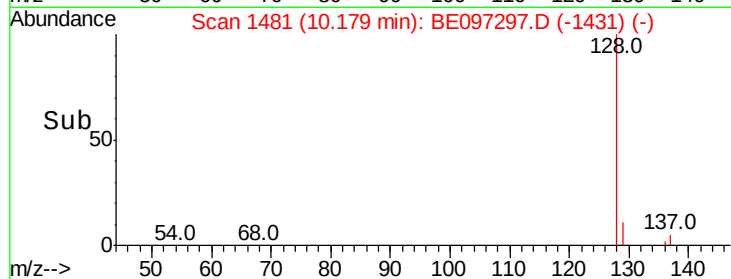
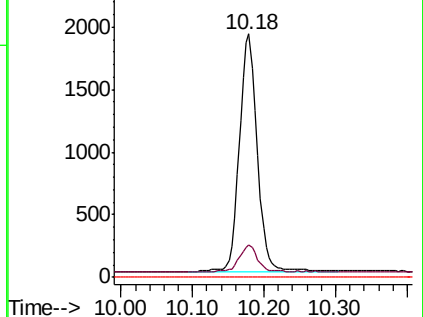
127 0.0 4.0 6.0#



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: 0.254 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BE097297.D

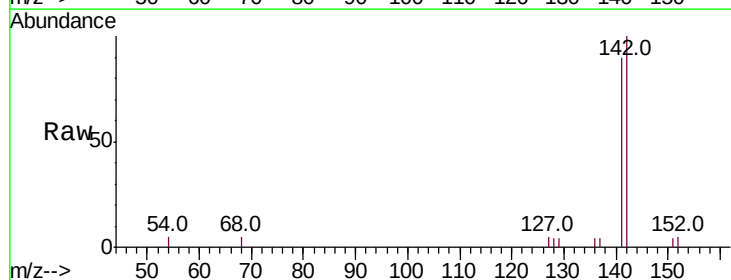
Acq: 17 Aug 2018 15:08

Tgt Ion:142 Resp: 1958

Ion Ratio Lower Upper

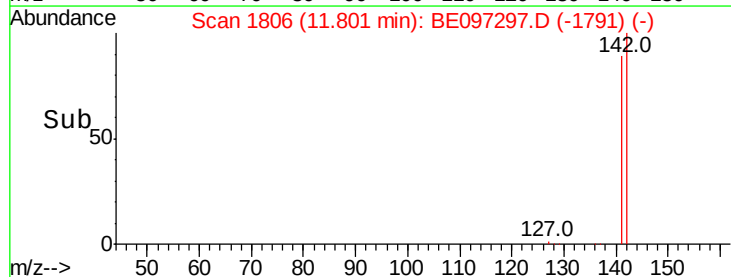
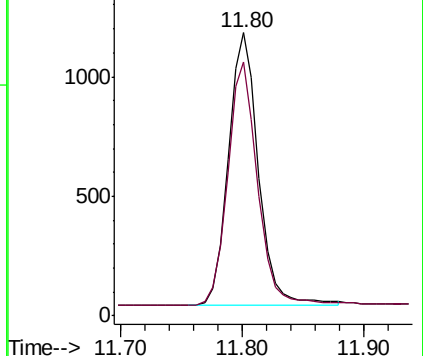
142 100

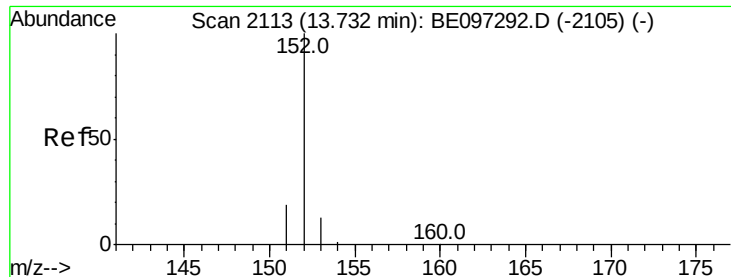
141 88.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.319 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BE097297.D

Acq: 17 Aug 2018 15:08

Instrument :

BNA_E

ClientSampleId :

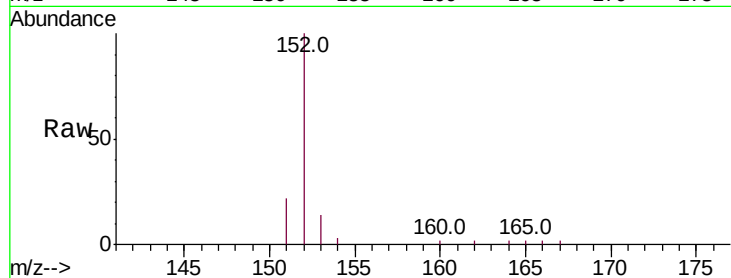
Tot Ion:152 Resp: 3652

Ion Ratio Lower Upper

152 100

151 22.2 17.1 25.7

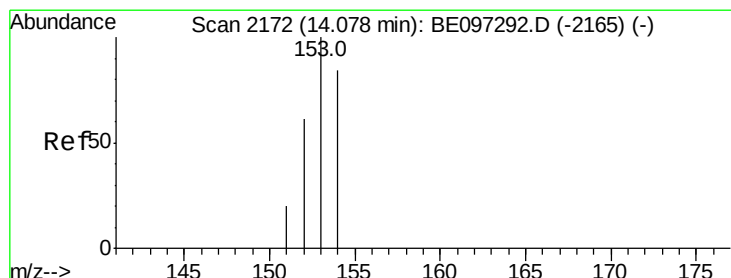
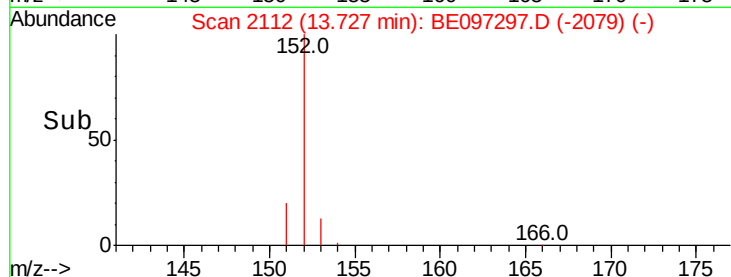
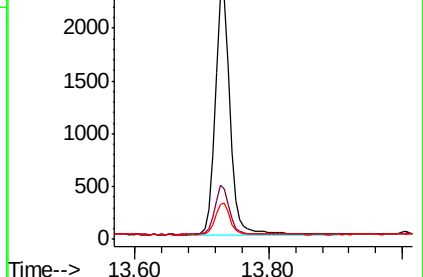
153 14.3 12.8 19.2



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: 0.010 ng/ul

RT: 14.07 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BE097297.D

Acq: 17 Aug 2018 15:08

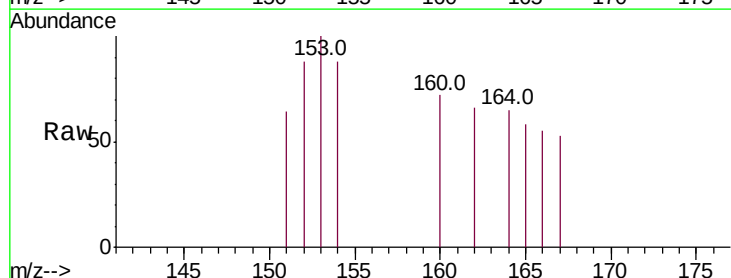
Tgt Ion:153 Resp: 84

Ion Ratio Lower Upper

153 100

152 88.2 36.0 54.0#

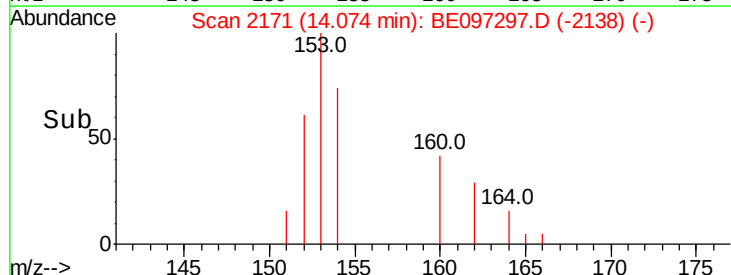
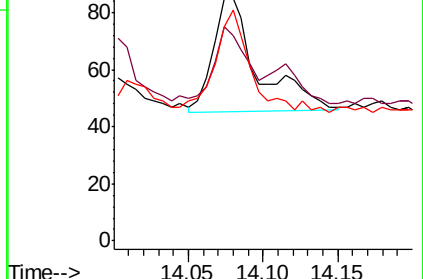
154 88.2 72.0 108.0

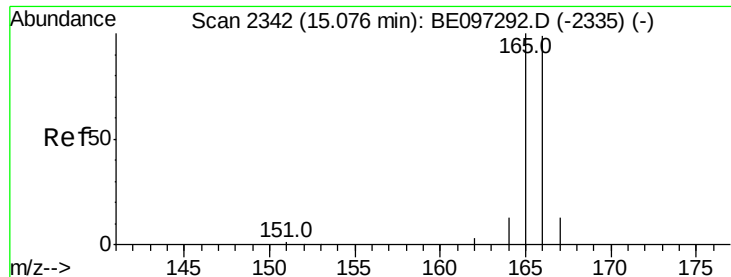


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.365 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BE097297.D

Acq: 17 Aug 2018 15:08

Instrument :

BNA_E

ClientSampleId :

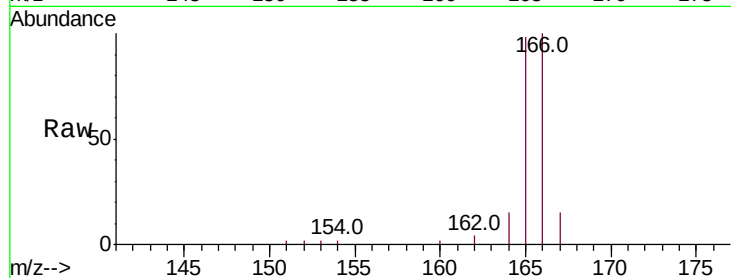
Tot Ion:166 Resp: 3280

Ion Ratio Lower Upper

166 100

165 98.4 73.4 110.2

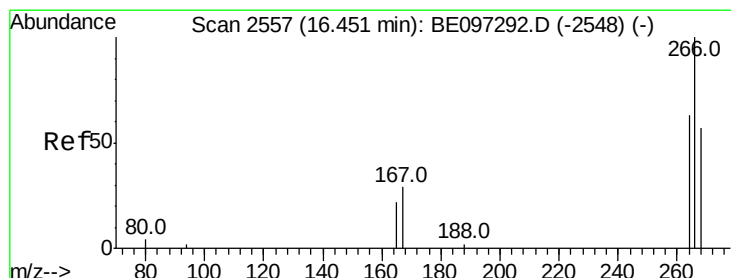
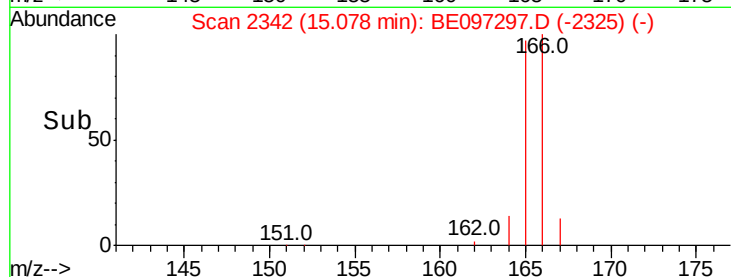
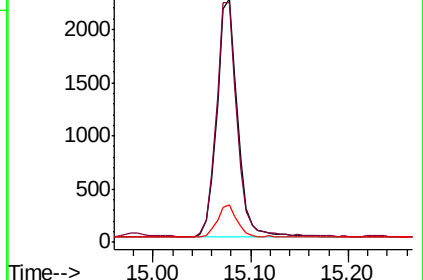
167 15.3 14.6 22.0



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: 0.092 ng/ul

RT: 16.44 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BE097297.D

Acq: 17 Aug 2018 15:08

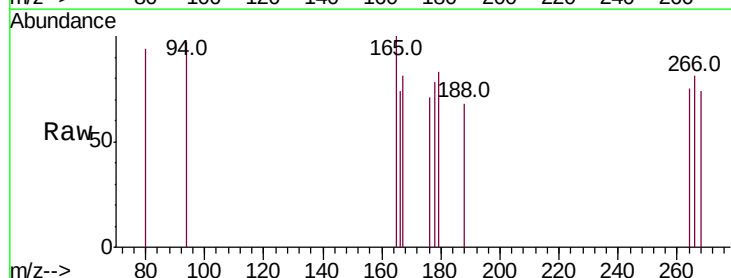
Tgt Ion:266 Resp: 38

Ion Ratio Lower Upper

266 100

264 57.9 47.9 71.9

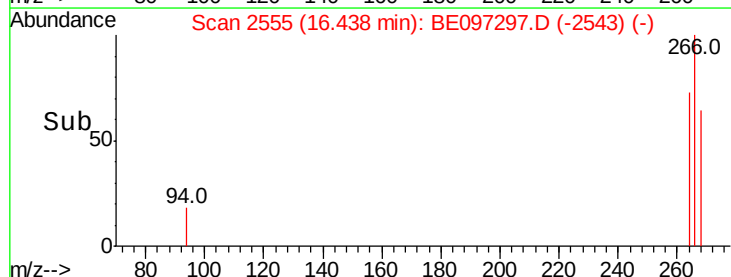
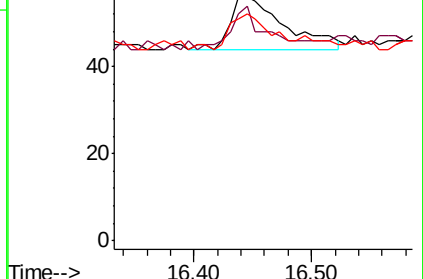
268 50.0 49.8 74.8

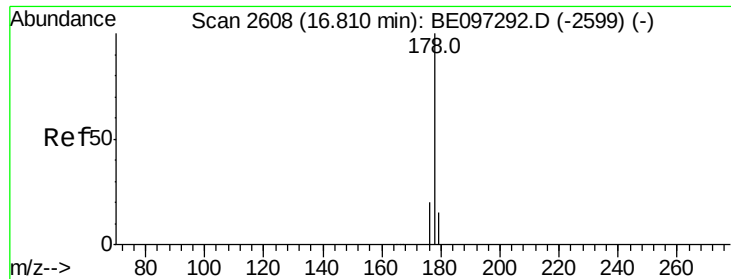


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.657 ng/ul

RT: 16.81 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BE097297.D

Acq: 17 Aug 2018 15:08

Instrument :

BNA_E

ClientSampleId :

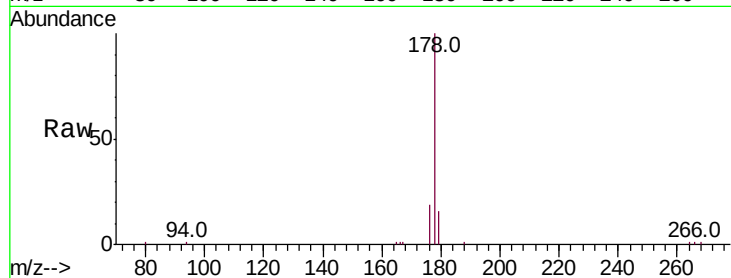
Tot Ion:178 Resp: 10755

Ion Ratio Lower Upper

178 100

179 16.3 18.4 27.6#

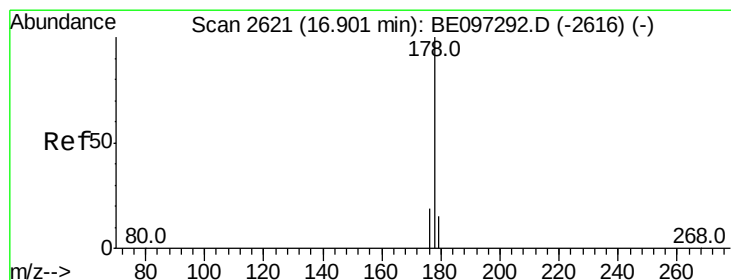
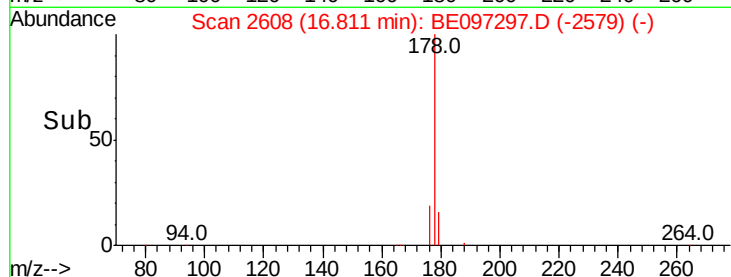
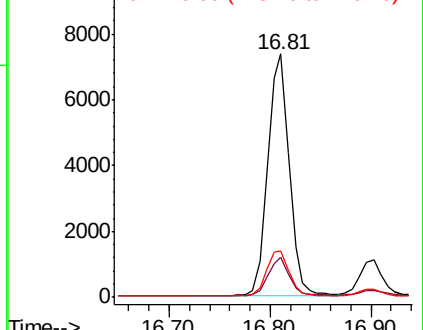
176 19.1 13.6 20.4



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: 0.121 ng/ul

RT: 16.90 min Scan# 2621

Delta R.T. 0.00 min

Lab File: BE097297.D

Acq: 17 Aug 2018 15:08

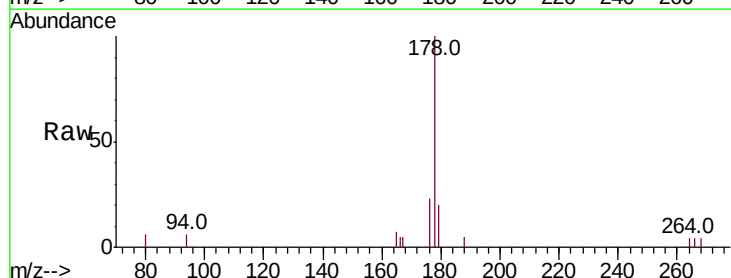
Tgt Ion:178 Resp: 1654

Ion Ratio Lower Upper

178 100

179 19.9 18.1 27.1

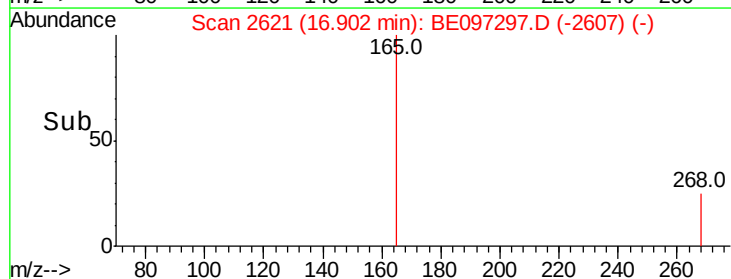
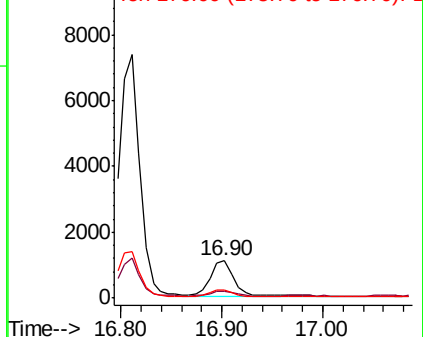
176 22.6 14.7 22.1#

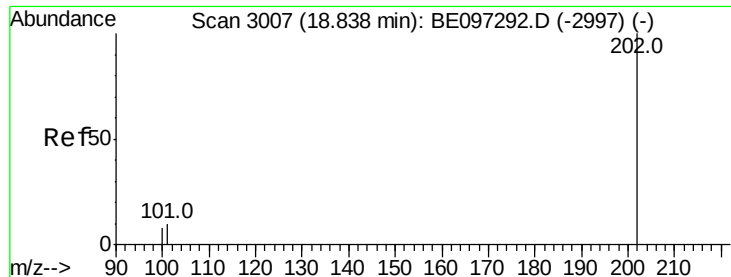


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.483 ng/ul

RT: 18.84 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BE097297.D

Acq: 17 Aug 2018 15:08

Instrument :

BNA_E

ClientSampleId :

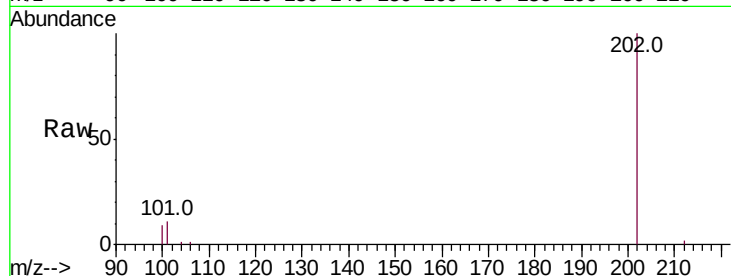
Tot Ion:202 Resp: 8409

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.3

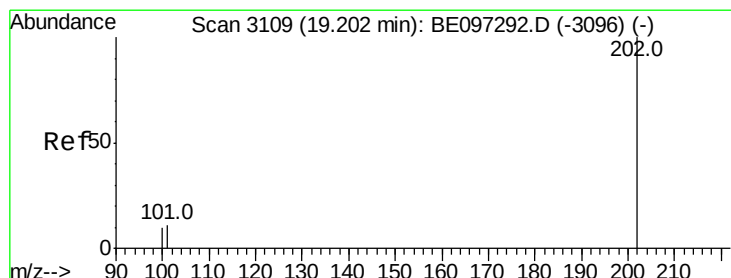
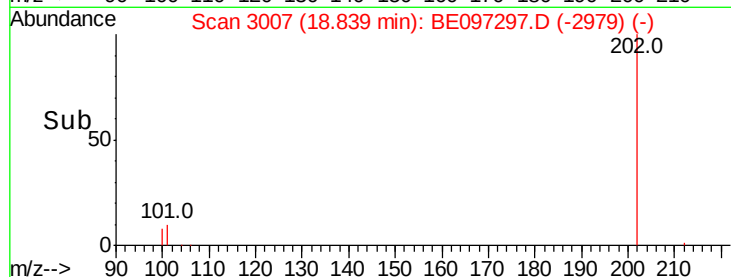
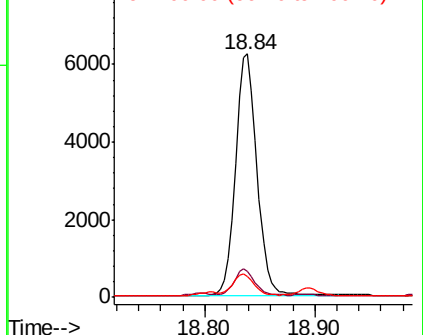
100 8.6 0.0 39.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



#17

Pyrene

Concen: 0.496 ng/ul

RT: 19.20 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BE097297.D

Acq: 17 Aug 2018 15:08

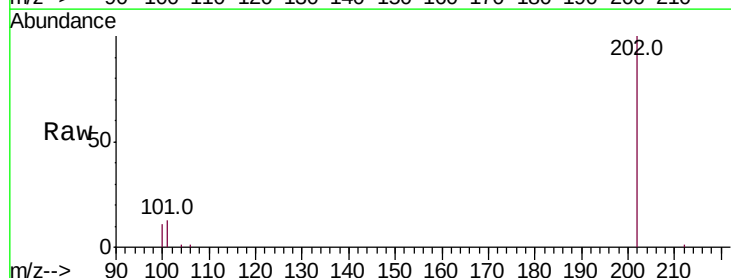
Tgt Ion:202 Resp: 9411

Ion Ratio Lower Upper

202 100

101 12.5 18.2 27.4#

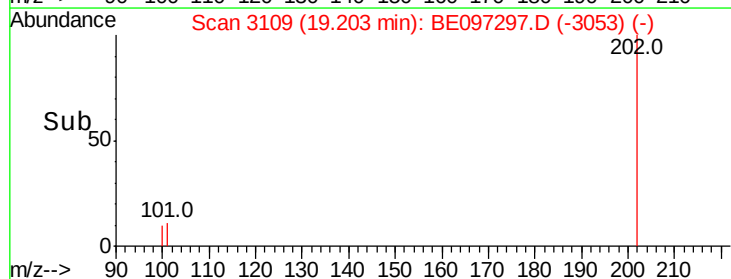
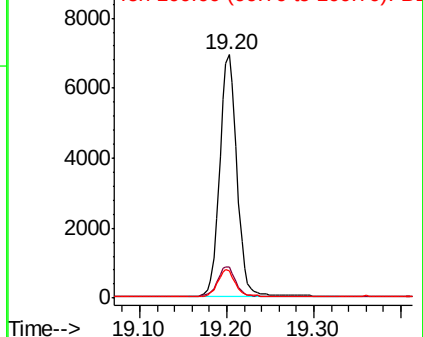
100 11.1 15.6 23.4#

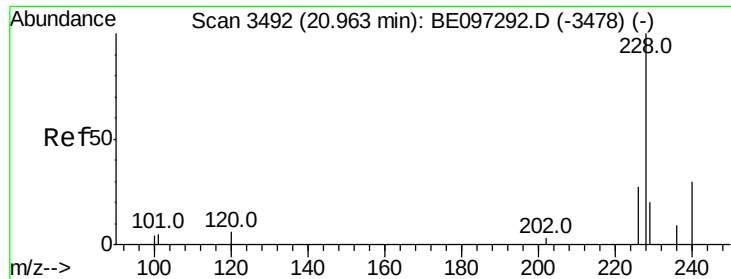


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.663 ng/ul

RT: 20.96 min Scan# 3491

Delta R.T. -0.00 min

Lab File: BE097297.D

Acq: 17 Aug 2018 15:08

Instrument :

BNA_E

ClientSampleId :

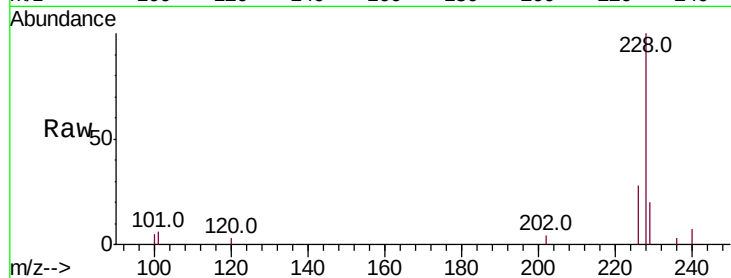
Tot Ion:228 Resp: 10322

Ion Ratio Lower Upper

228 100

229 19.8 22.8 34.2#

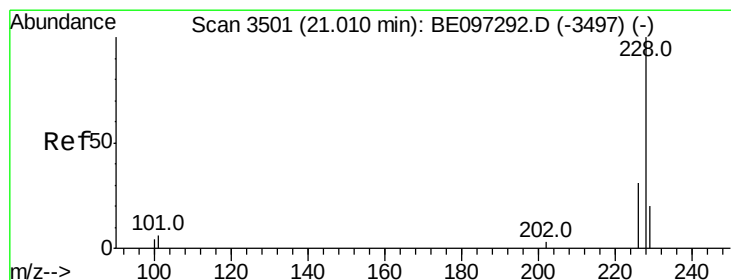
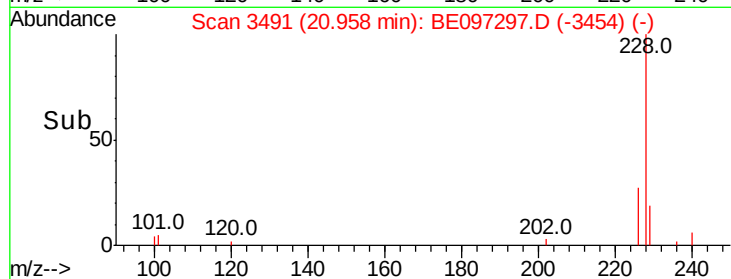
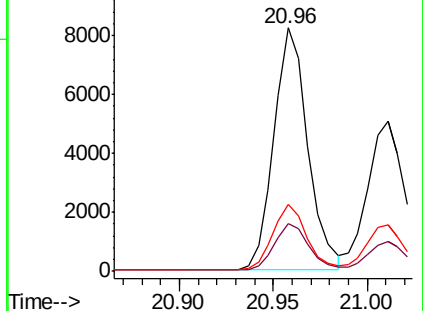
226 27.6 17.0 25.6#



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: 0.401 ng/ul

RT: 21.01 min Scan# 3501

Delta R.T. 0.00 min

Lab File: BE097297.D

Acq: 17 Aug 2018 15:08

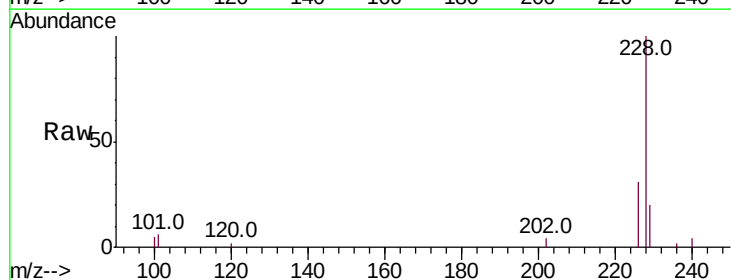
Tgt Ion:228 Resp: 7439

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

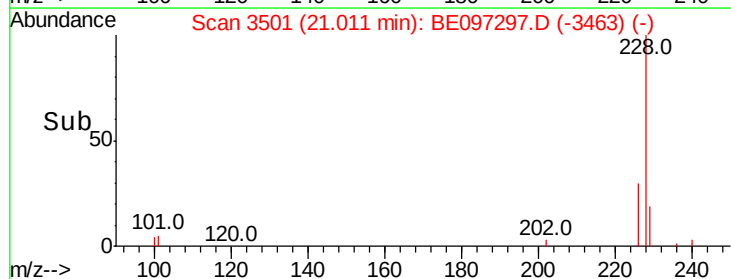
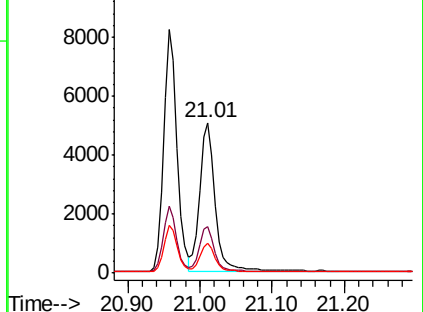
229 20.2 17.7 26.5

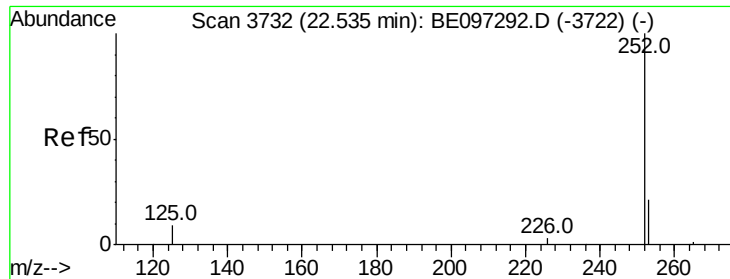


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.286 ng/ul

RT: 22.53 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BE097297.D

Acq: 17 Aug 2018 15:08

Instrument :

BNA_E

ClientSampleId :

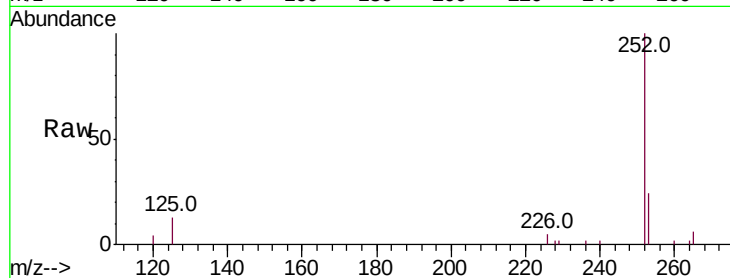
Tot Ion:252 Resp: 4334

Ion Ratio Lower Upper

252 100

253 23.9 0.0 64.2

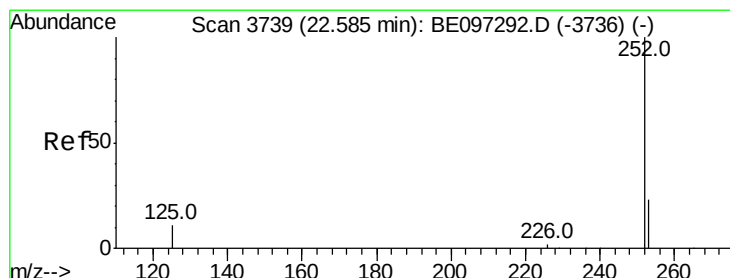
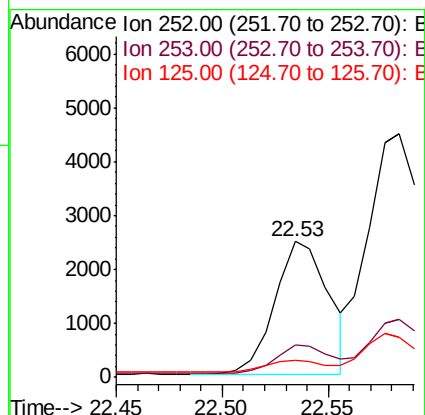
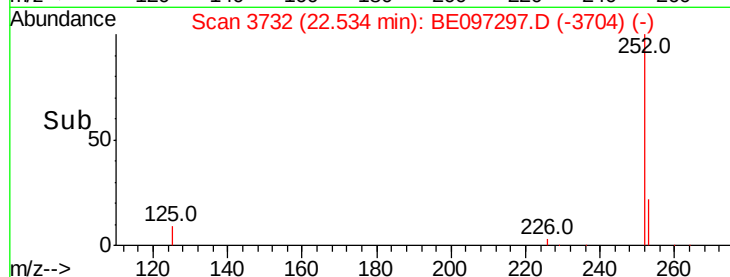
125 12.9 0.0 35.0



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: 0.480 ng/ul

RT: 22.58 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BE097297.D

Acq: 17 Aug 2018 15:08

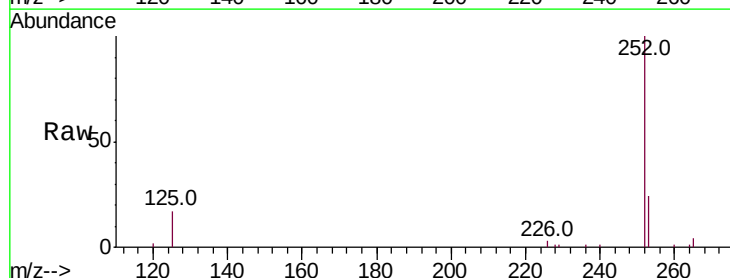
Tgt Ion:252 Resp: 9047

Ion Ratio Lower Upper

252 100

253 23.8 24.5 36.7#

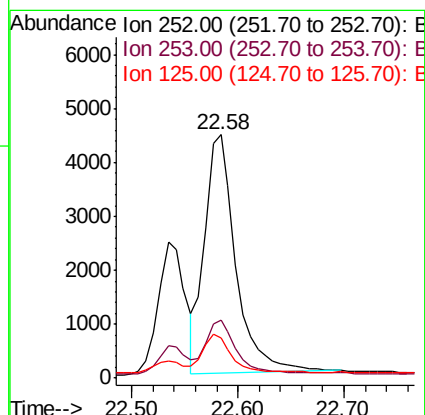
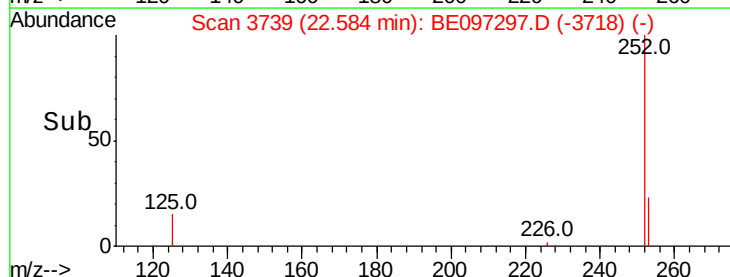
125 16.7 13.7 20.5

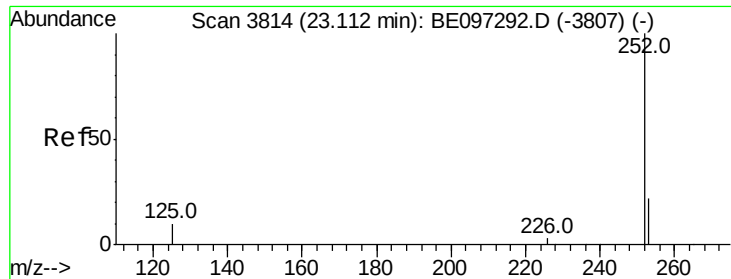


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.001 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. -0.00 min

Lab File: BE097297.D

Acq: 17 Aug 2018 15:08

Instrument :

BNA_E

ClientSampleId :

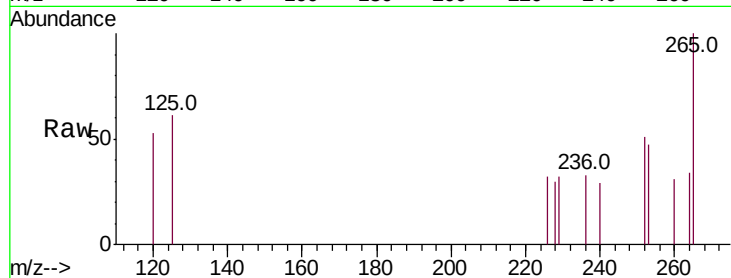
Tot Ion:252 Resp: 9

Ion Ratio Lower Upper

252 100

253 92.8 28.5 42.7#

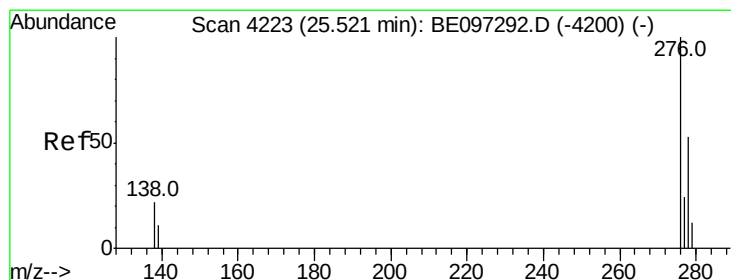
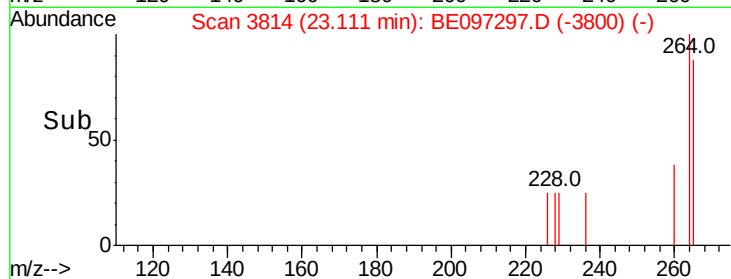
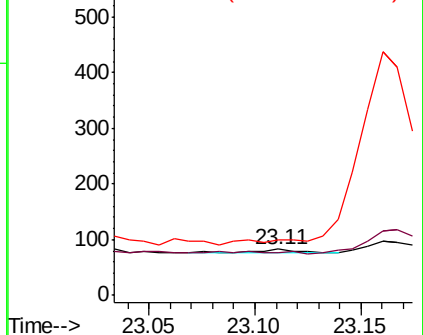
125 120.5 18.1 27.1#



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: 0.388 ng/ul

RT: 25.52 min Scan# 4224

Delta R.T. 0.00 min

Lab File: BE097297.D

Acq: 17 Aug 2018 15:08

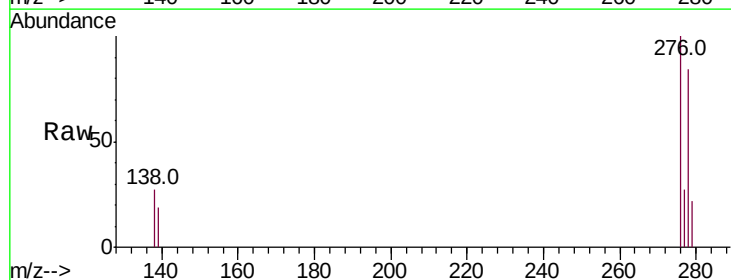
Tgt Ion:276 Resp: 6759

Ion Ratio Lower Upper

276 100

138 23.1 28.0 42.0#

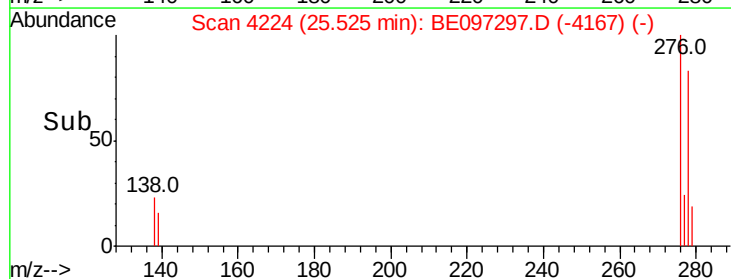
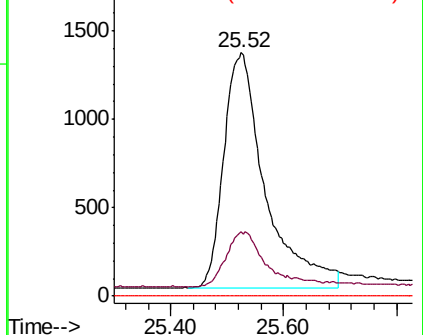
227 0.0 8.0 12.0#

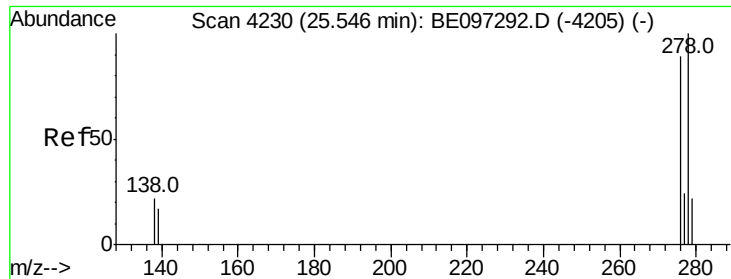


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

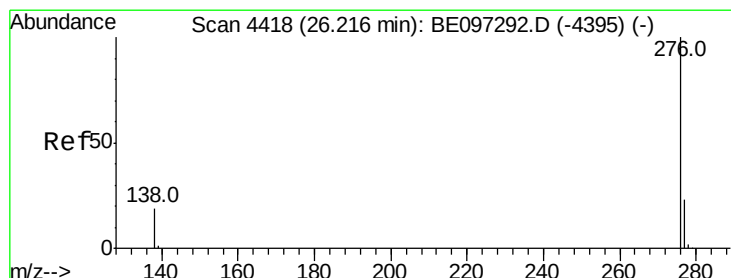
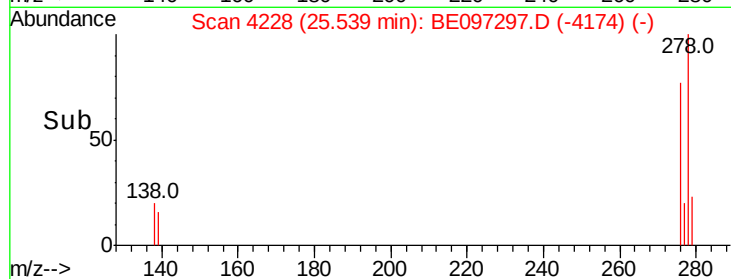
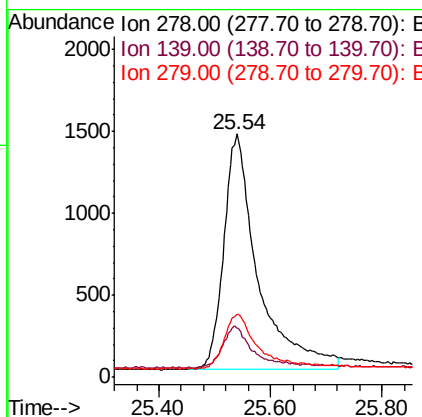
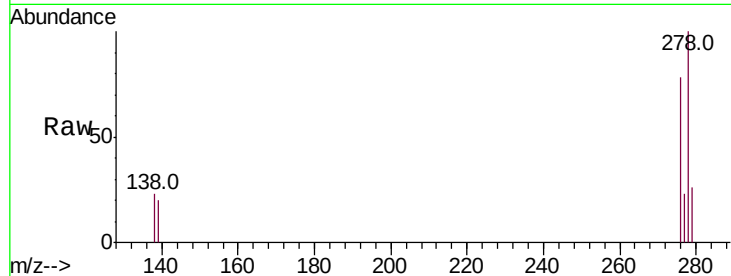




#25
Dibenzo(a,h)anthracene
Concen: 0.436 ng/ul
RT: 25.54 min Scan# 4228
Delta R.T. -0.01 min
Lab File: BE097297.D
Acq: 17 Aug 2018 15:08

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 6147
Ion Ratio Lower Upper
278 100
139 19.9 17.4 26.0
279 25.7 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.621 ng/ul
RT: 26.22 min Scan# 4418
Delta R.T. 0.00 min
Lab File: BE097297.D
Acq: 17 Aug 2018 15:08

Tgt Ion:276 Resp: 8667
Ion Ratio Lower Upper
276 100
138 19.3 21.8 32.8#
277 25.6 20.5 30.7

