

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040218\
 Data File : BE095926.D
 Acq On : 2 Apr 2018 14:22
 Operator : SJ/JU
 Sample : J2116-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 03 03:49:59 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

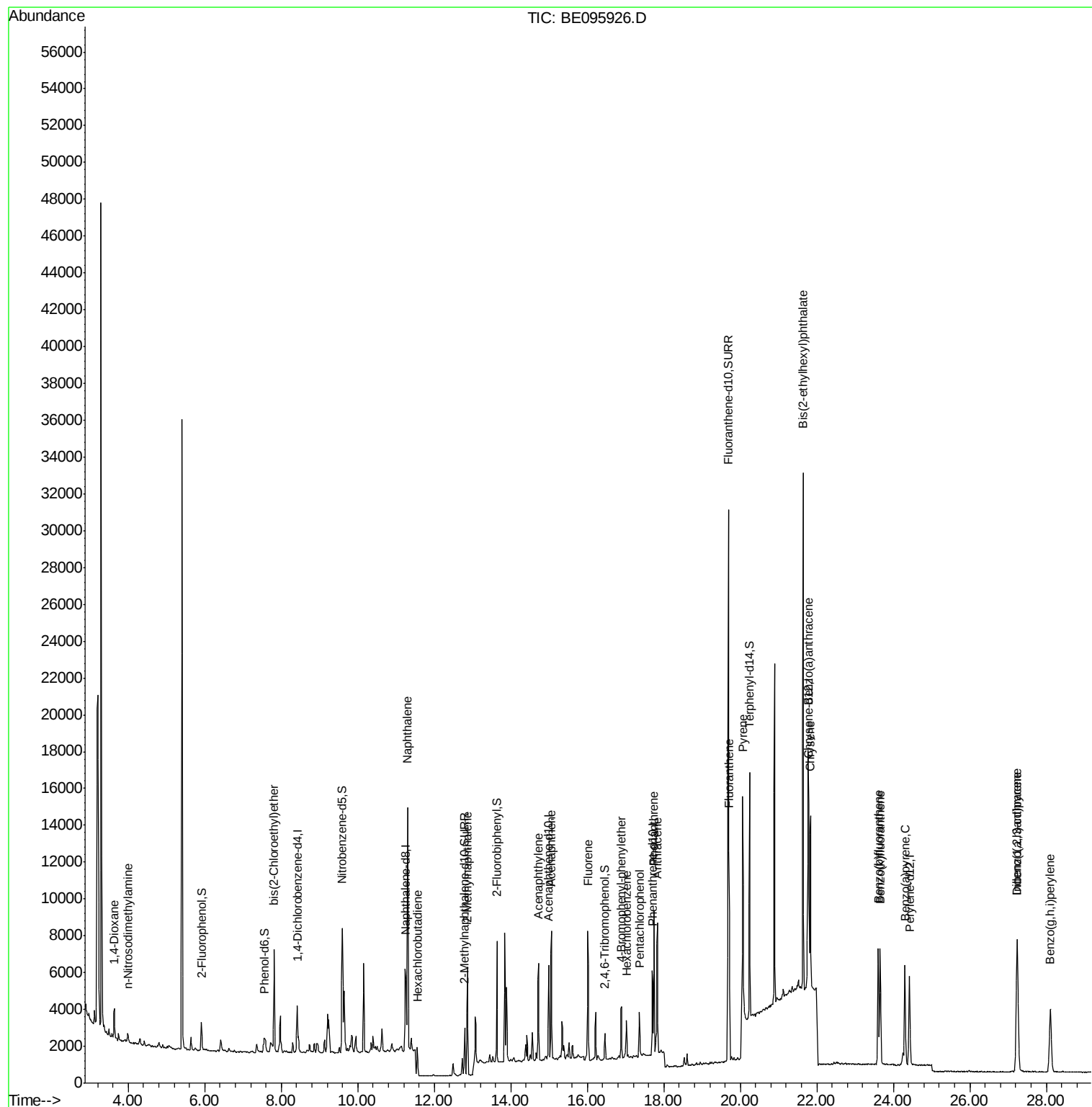
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1262	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	5112	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2898	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6417	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	7150	0.40	ng	-0.01
34) Perylene-d12	24.42	264	7146	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	777	0.19	ng	0.00
5) Phenol-d6	7.56	99	669	0.12	ng	0.00
8) Nitrobenzene-d5	9.59	82	2487	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	3395	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	761	0.46	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	5560	0.46	ng	-0.01
25) Fluoranthene-d10	19.68	212	37329	0.39	ng	0.00
29) Terphenyl-d14	20.24	244	11669	0.77	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.63	88	1027	0.497	ng	Qvalue # 84
3) n-Nitrosodimethylamine	3.99	42	387	0.128	ng	# 75
6) bis(2-Chloroethyl)ether	7.81	93	1819	0.369	ng	96
9) Naphthalene	11.30	128	22060	0.378	ng	99
10) Hexachlorobutadiene	11.55	225	1346	0.336	ng	94
12) 2-Methylnaphthalene	12.86	142	3858	0.387	ng	97
16) Acenaphthylene	14.73	152	5939	0.358	ng	99
17) Acenaphthene	15.06	154	3561	0.352	ng	94
18) Fluorene	16.02	166	4796	0.361	ng	# 79
20) 4-Bromophenyl-phenylether	16.89	248	1493	0.387	ng	# 83
21) Hexachlorobenzene	17.02	284	1471	0.382	ng	# 82
22) Pentachlorophenol	17.36	266	1279	1.010	ng	# 72
23) Phenanthrene	17.74	178	7833	0.408	ng	99
24) Anthracene	17.84	178	7842	0.408	ng	# 95
26) Fluoranthene	19.71	202	10001	0.375	ng	# 97
28) Pyrene	20.06	202	13968	0.480	ng	99
30) Benzo(a)anthracene	21.78	228	9765	0.394	ng	97
31) Chrysene	21.84	228	9307	0.411	ng	98
32) Bis(2-ethylhexyl)phthalate	21.64	149	31216	0.412	ng	100
33) Indeno(1,2,3-cd)pyrene	27.23	276	10240	0.420	ng	95
35) Benzo(b)fluoranthene	23.61	252	9233	0.391	ng	# 94
36) Benzo(k)fluoranthene	23.66	252	9266	0.392	ng	# 92
37) Benzo(a)pyrene	24.30	252	8889	0.401	ng	# 94
38) Dibenzo(a,h)anthracene	27.24	278	8398	0.399	ng	97
39) Benzo(g,h,i)perylene	28.10	276	8628	0.408	ng	# 89

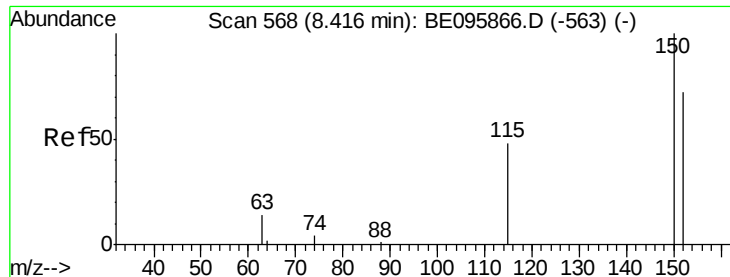
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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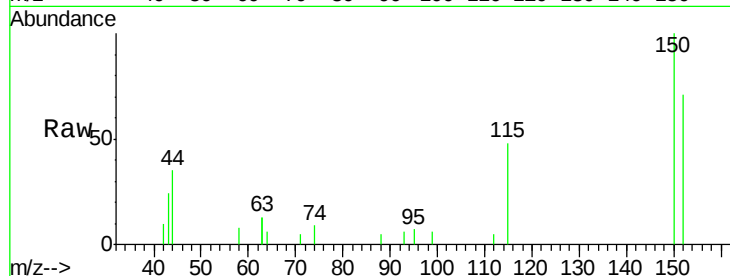


#1

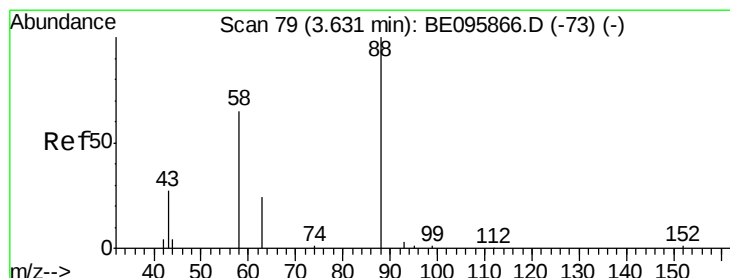
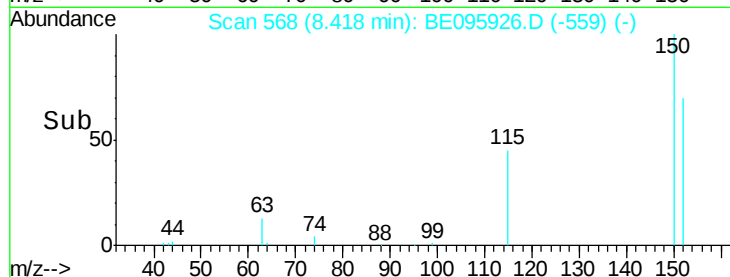
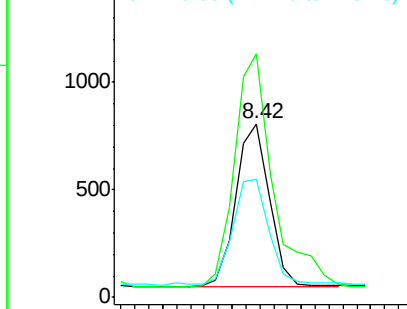
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095926.D
Acq: 2 Apr 2018 14:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1262
Ion Ratio Lower Upper
152 100
150 140.3 117.2 175.8
115 67.8 57.0 85.6



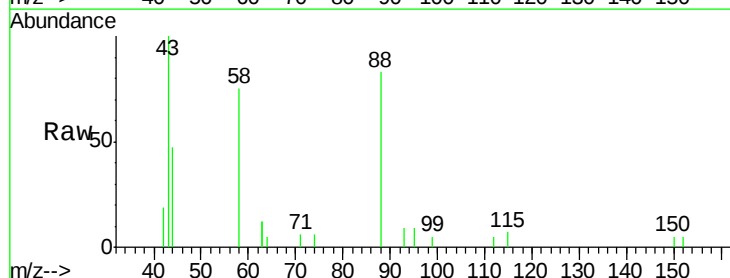
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



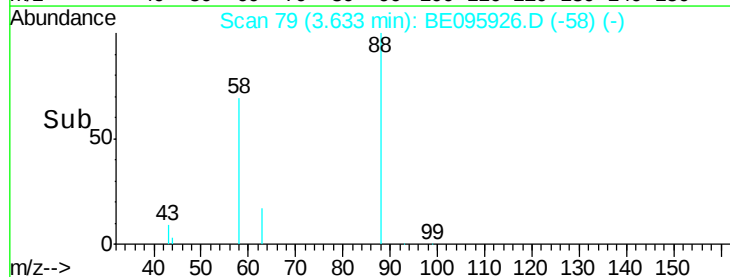
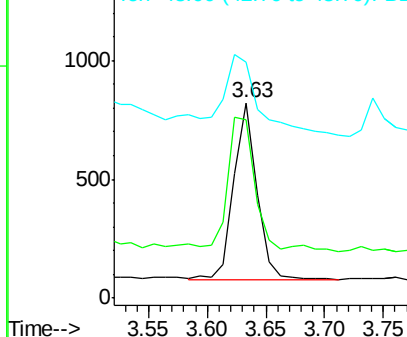
#2

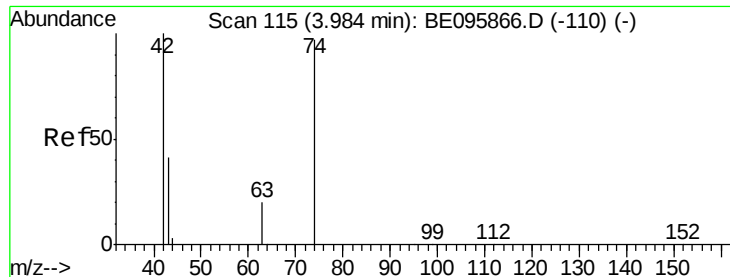
1,4-Dioxane
Concen: 0.497 ng
RT: 3.63 min Scan# 79
Delta R.T. 0.00 min
Lab File: BE095926.D
Acq: 2 Apr 2018 14:22

Tgt Ion: 88 Resp: 1027
Ion Ratio Lower Upper
88 100
58 85.0 63.2 94.8
43 72.7 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



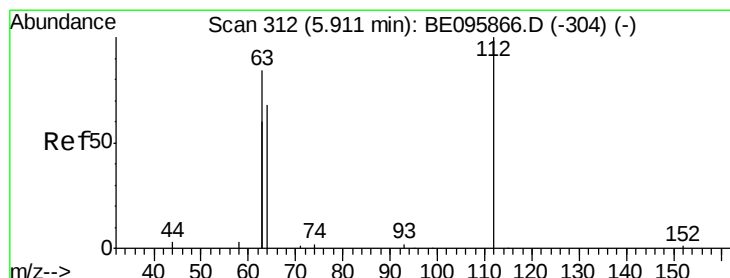
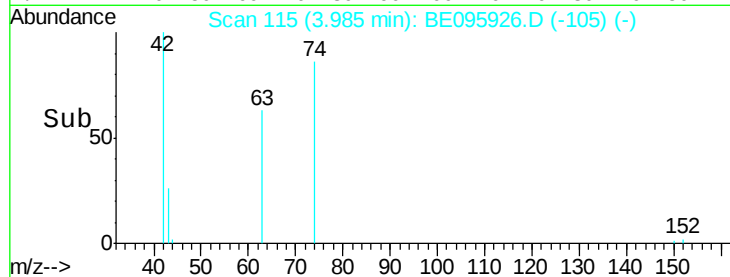
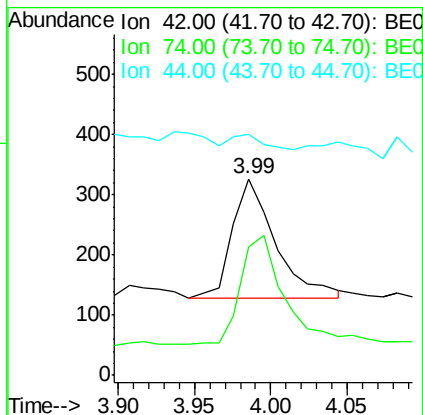
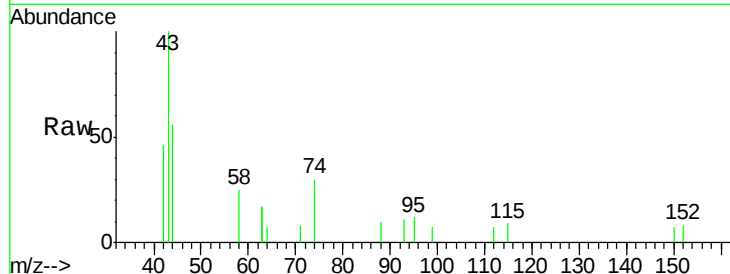


#3

n-Nitrosodimethylamine
 Concen: 0.128 ng
 RT: 3.99 min Scan# 115
 Delta R.T. 0.00 min
 Lab File: BE095926.D
 Acq: 2 Apr 2018 14:22

Instrument :
 BNA_E
 ClientSampled :

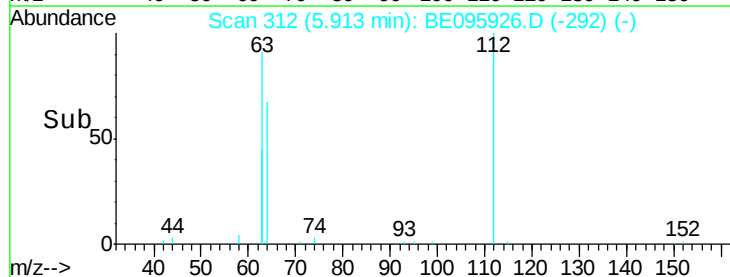
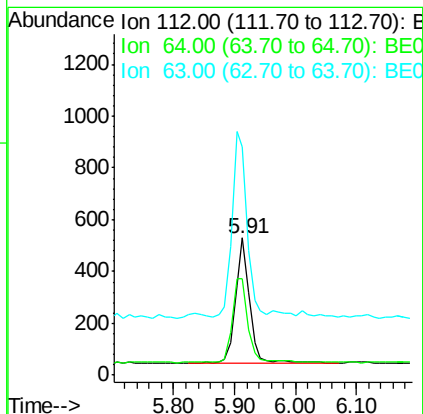
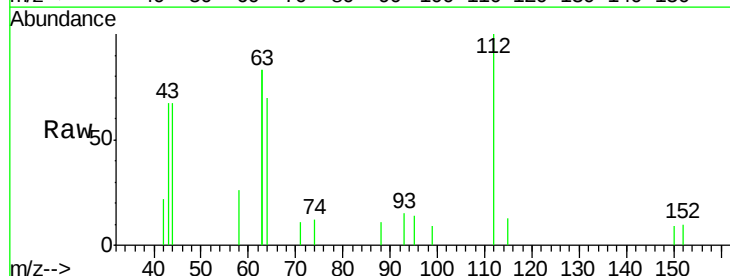
Tot Ion: 42 Resp: 387
 Ion Ratio Lower Upper
 42 100
 74 91.0 96.0 144.0#
 44 9.8 12.0 18.0#

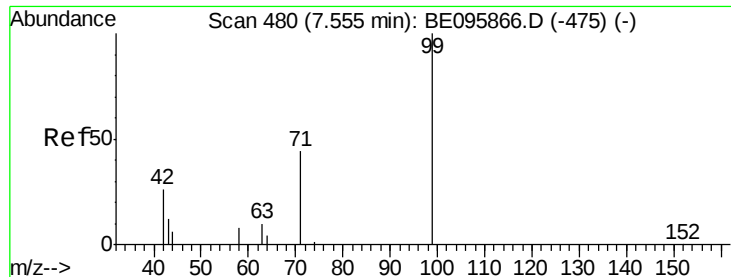


#4

2-Fluorophenol
 Concen: 0.187 ng
 RT: 5.91 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095926.D
 Acq: 2 Apr 2018 14:22

Tgt Ion: 112 Resp: 777
 Ion Ratio Lower Upper
 112 100
 64 74.8 60.1 90.1
 63 153.5 116.8 175.2





#5

Phenol-d6

Concen: 0.117 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

Instrument :

BNA_E

ClientSampled :

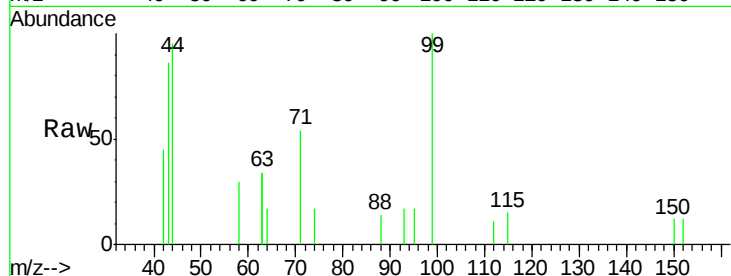
Tot Ion: 99 Resp: 669

Ion Ratio Lower Upper

99 100

42 35.6 20.2 30.2#

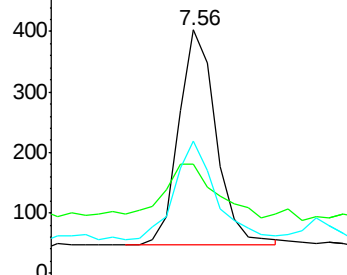
71 51.0 28.4 42.6#



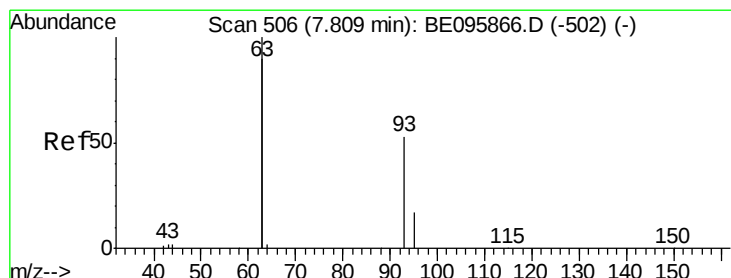
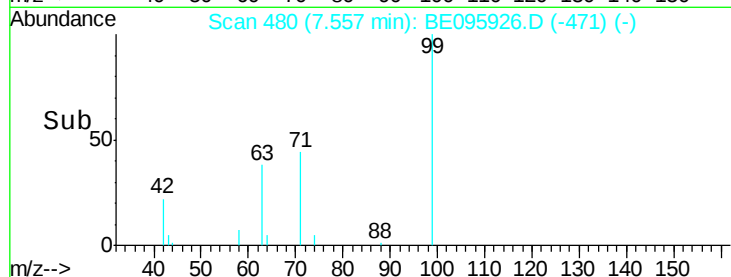
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.369 ng

RT: 7.81 min Scan# 506

Delta R.T. -0.01 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

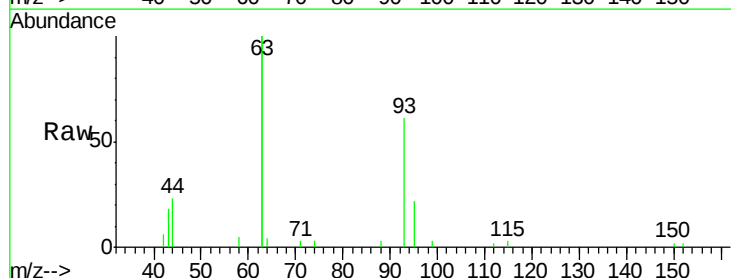
Tgt Ion: 93 Resp: 1819

Ion Ratio Lower Upper

93 100

63 334.5 275.3 412.9

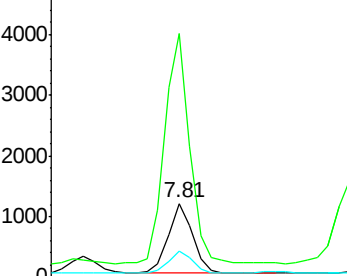
95 32.1 25.2 37.8



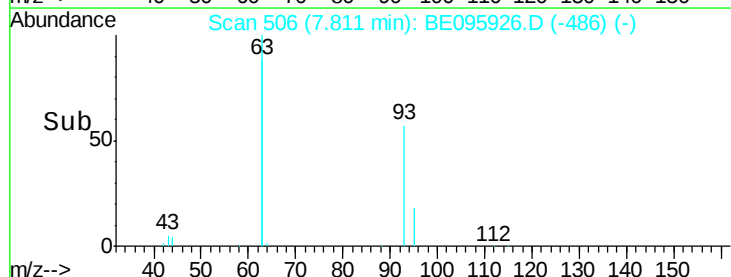
Abundance Ion 93.00 (92.70 to 93.70): BE0

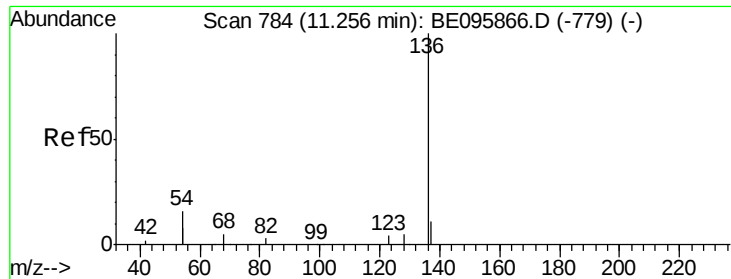
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. 0.00 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5112

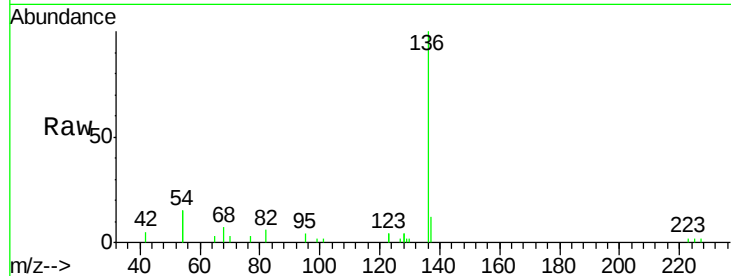
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 30.5 29.1 43.7

68 6.7 6.2 9.2

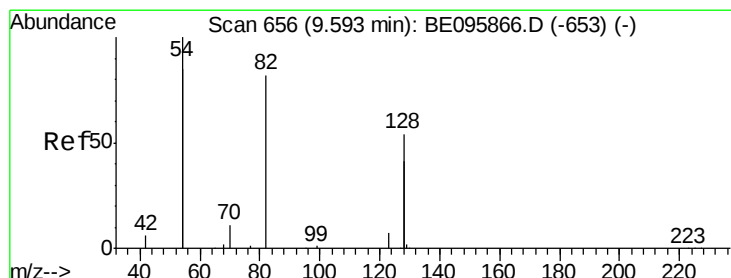
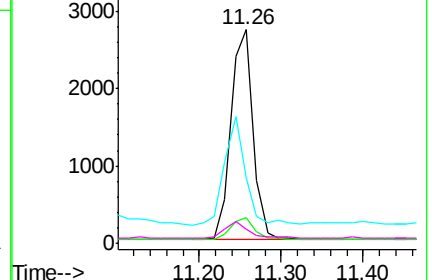
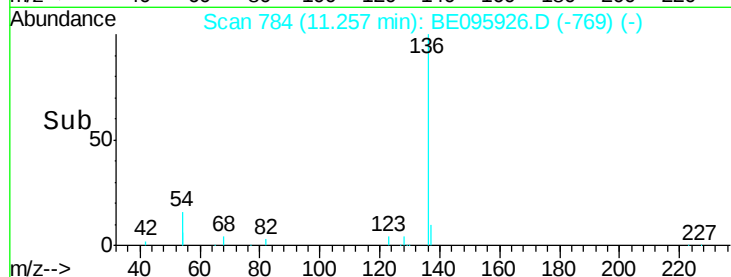


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.412 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

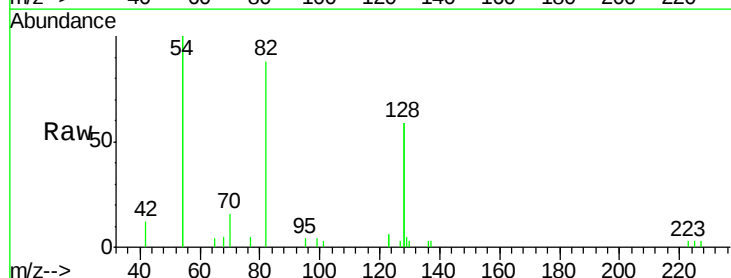
Tgt Ion: 82 Resp: 2487

Ion Ratio Lower Upper

82 100

128 135.2 150.0 225.0#

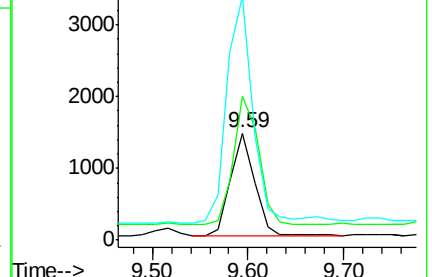
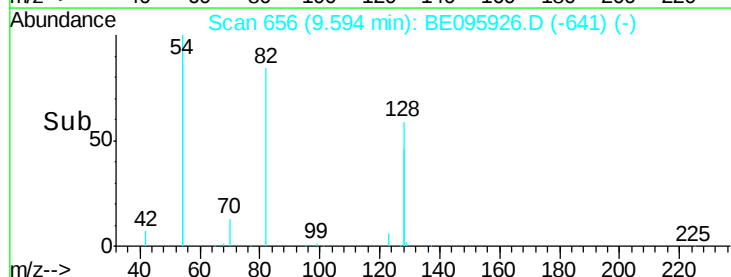
54 227.9 154.2 231.4

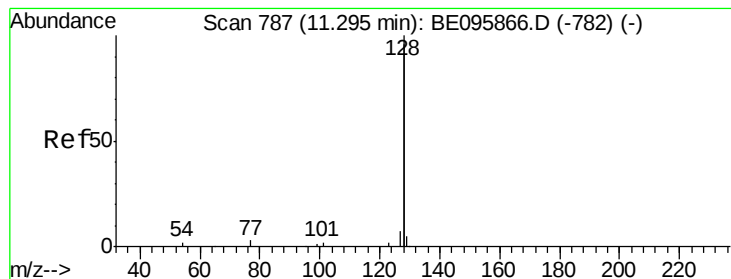


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.378 ng

RT: 11.30 min Scan# 787

Delta R.T. -0.01 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

Instrument :

BNA_E

ClientSampleId :

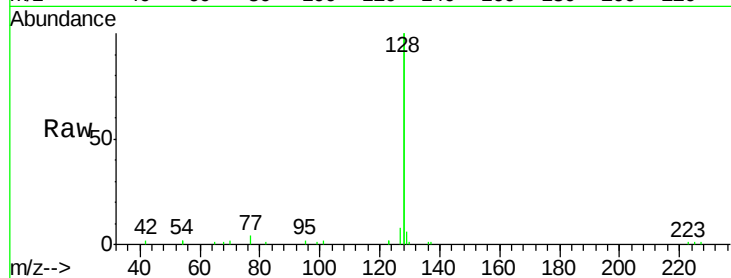
Tot Ion:128 Resp: 22060

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

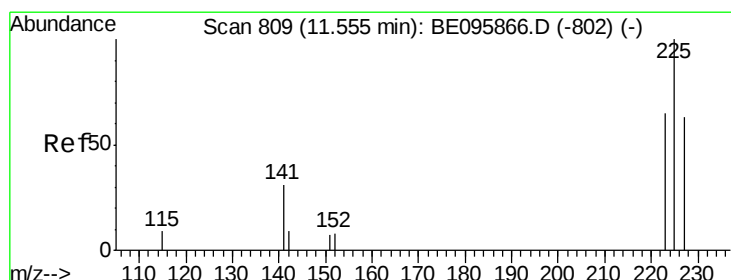
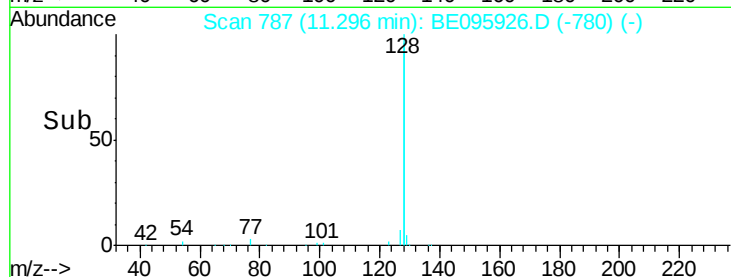
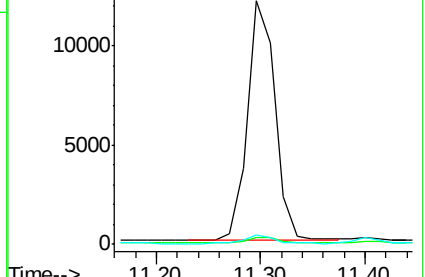
127 3.8 2.8 4.2



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



#10

Hexachlorobutadiene

Concen: 0.336 ng

RT: 11.55 min Scan# 809

Delta R.T. -0.01 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

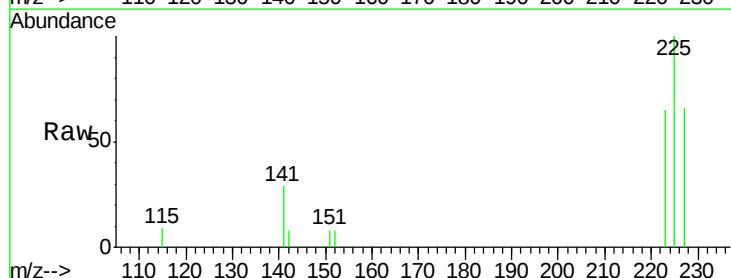
Tgt Ion:225 Resp: 1346

Ion Ratio Lower Upper

225 100

223 59.5 53.0 79.6

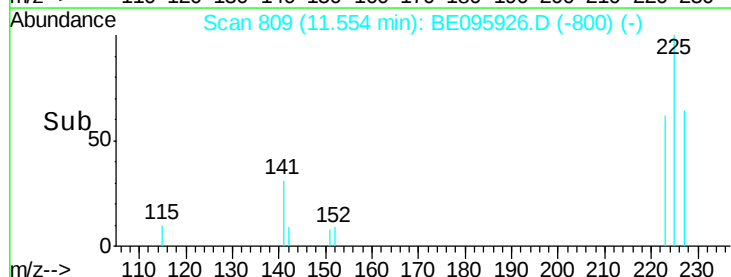
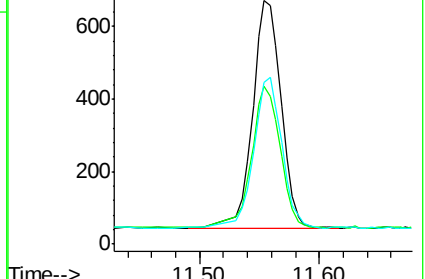
227 66.9 51.4 77.2

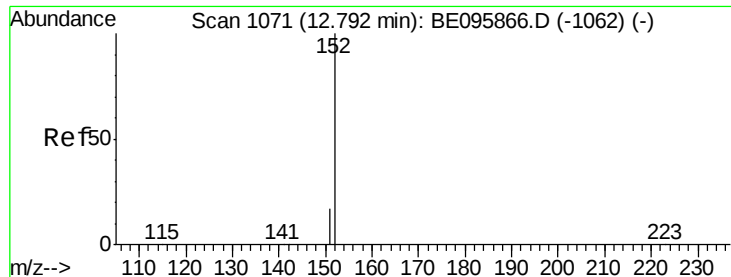


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

Instrument :

BNA_E

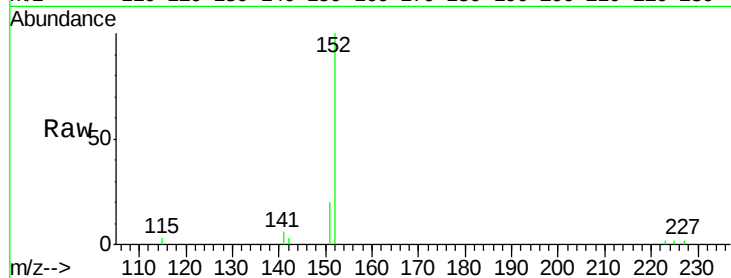
ClientSampled :

Tot Ion:152 Resp: 3395

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.79

2500

2000

1500

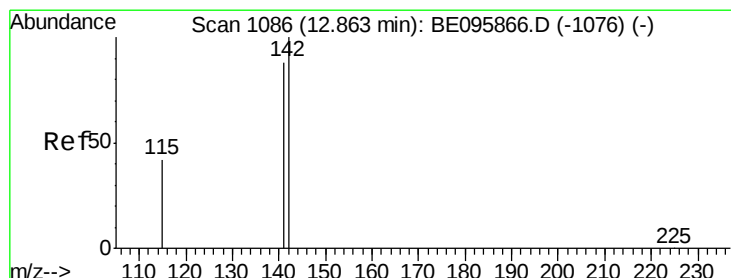
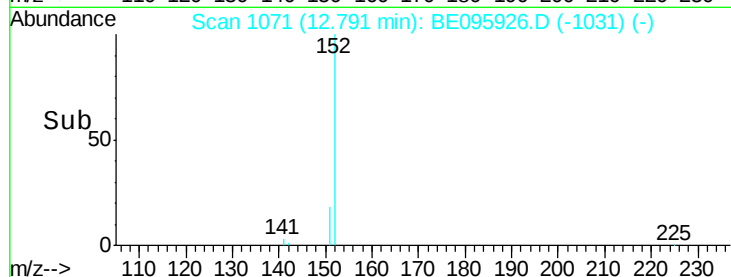
1000

500

0

12.75 12.80 12.85

Time-->



#12

2-Methylnaphthalene

Concen: 0.387 ng

RT: 12.86 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

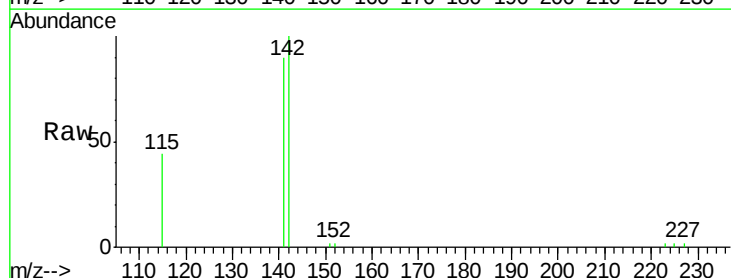
Tgt Ion:142 Resp: 3858

Ion Ratio Lower Upper

142 100

141 89.6 70.4 105.6

115 43.8 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.86

3000

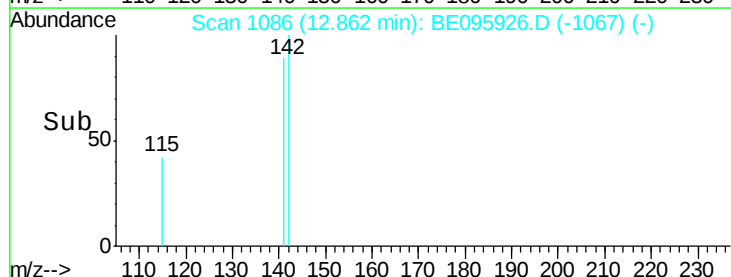
2000

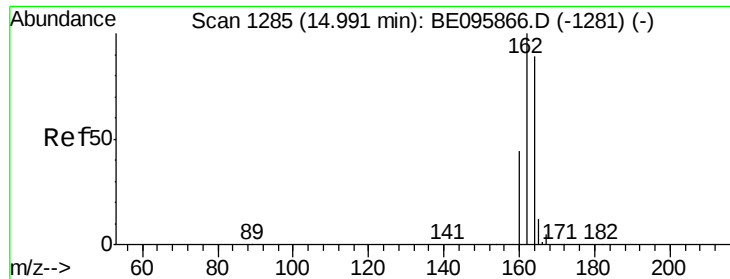
1000

0

12.80 12.85 12.90 12.95

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

Instrument :

BNA_E

ClientSampled :

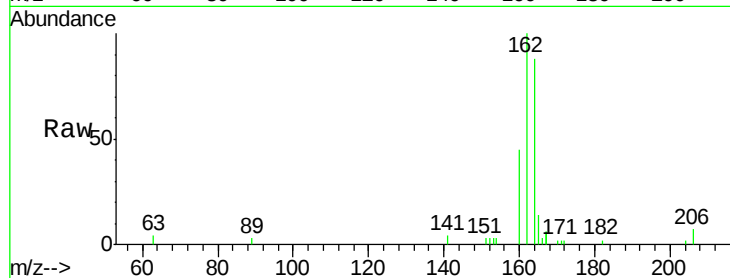
Tot Ion:164 Resp: 2898

Ion Ratio Lower Upper

164 100

162 113.4 83.1 124.7

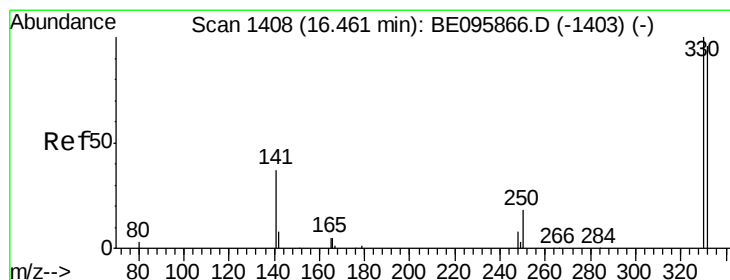
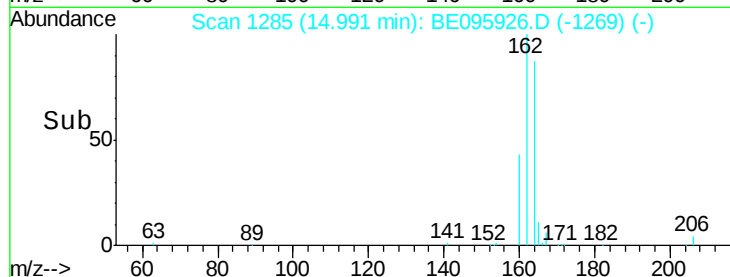
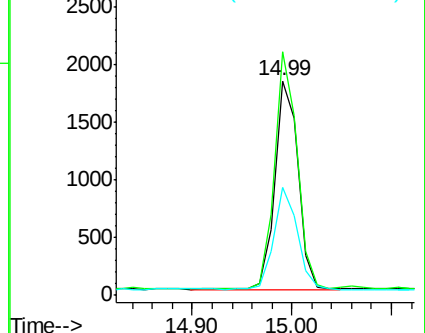
160 50.6 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.455 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

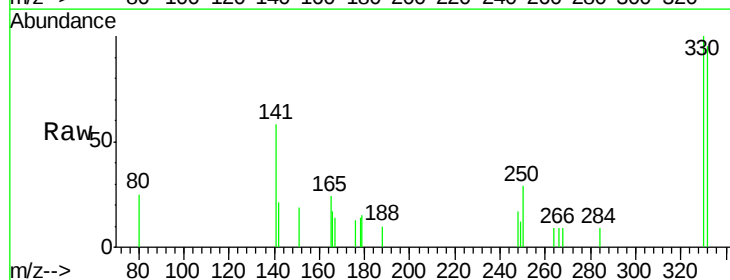
Tgt Ion:330 Resp: 761

Ion Ratio Lower Upper

330 100

332 99.5 152.7 229.1#

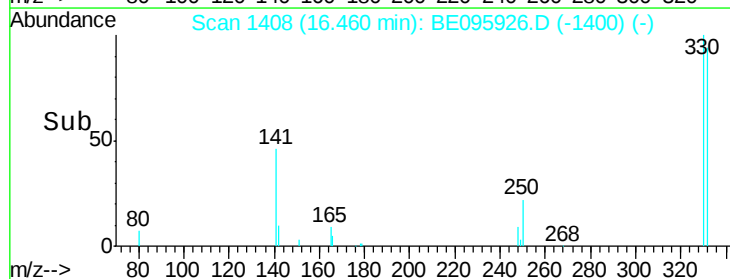
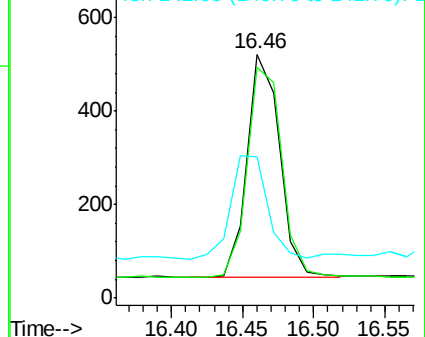
141 52.8 33.7 50.5#

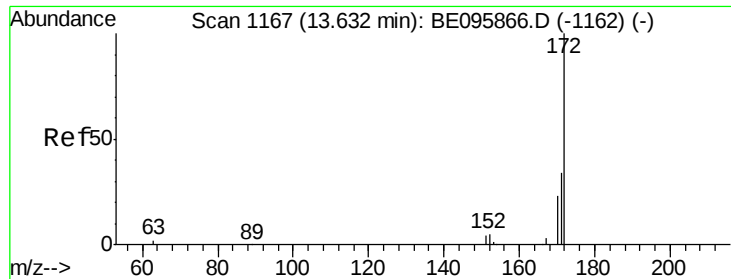


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

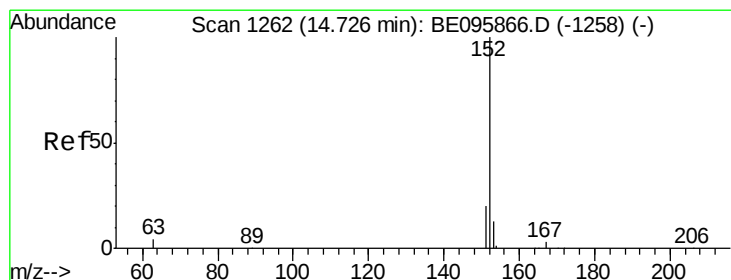
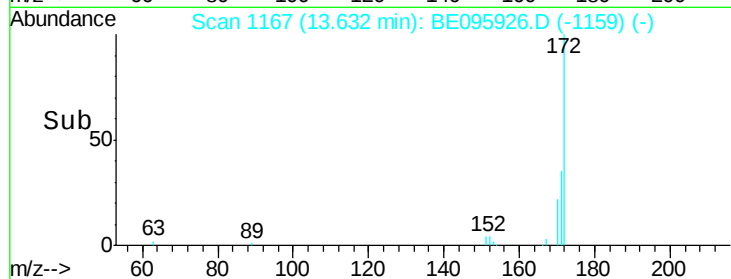
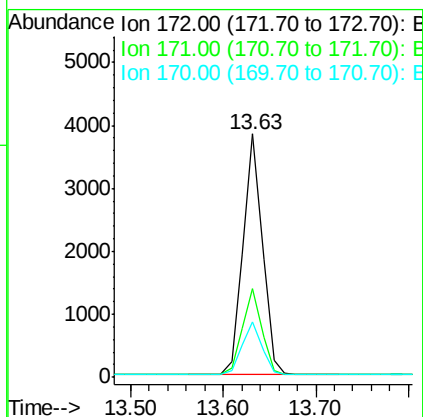
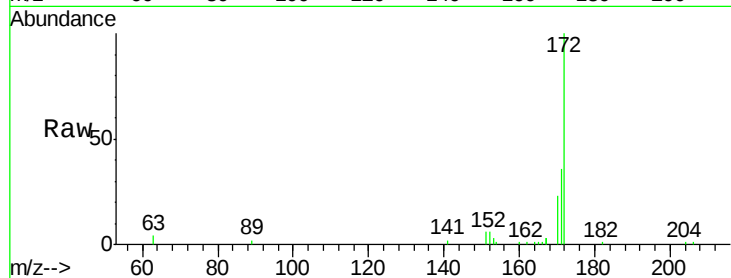




#15
2-Fluorobiphenyl
Concen: 0.455 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095926.D
Acq: 2 Apr 2018 14:22

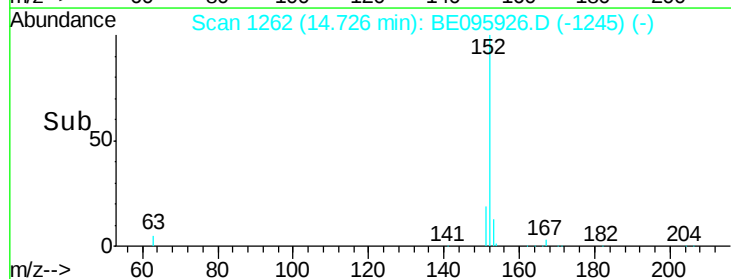
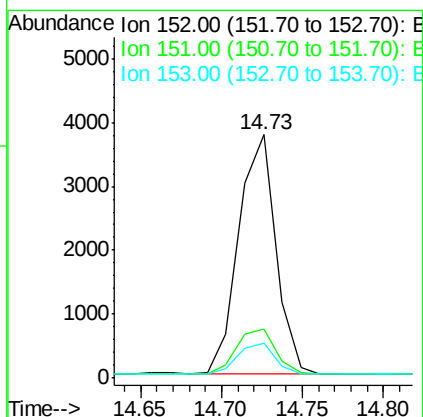
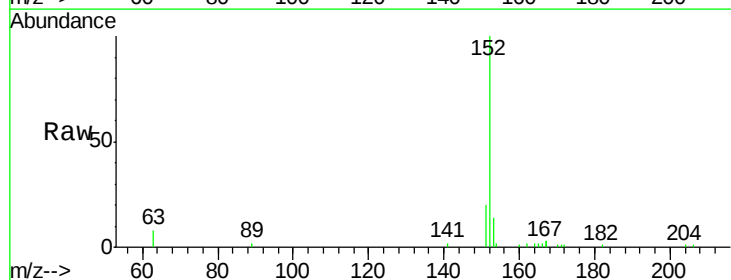
Instrument :
BNA_E
ClientSampleId :

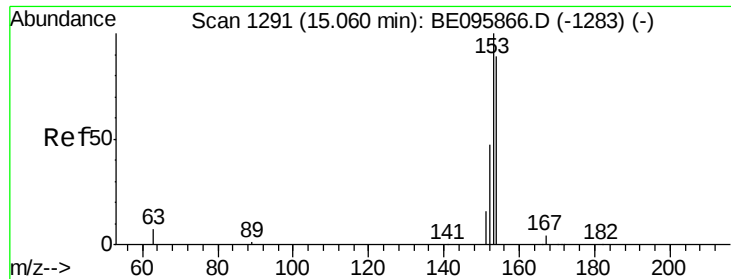
Tot Ion:172 Resp: 5560
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 22.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095926.D
Acq: 2 Apr 2018 14:22

Tgt Ion:152 Resp: 5939
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.352 ng

RT: 15.06 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

Instrument :

BNA_E

ClientSampleId :

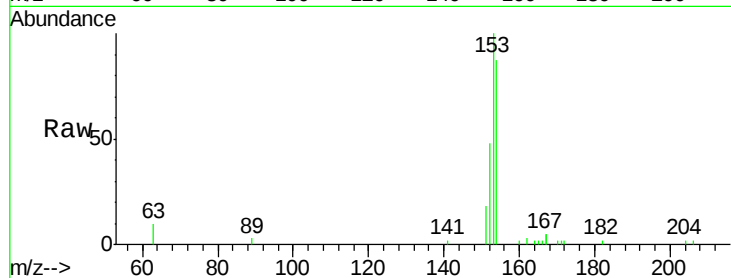
Tot Ion:154 Resp: 3561

Ion Ratio Lower Upper

154 100

153 117.8 89.2 133.8

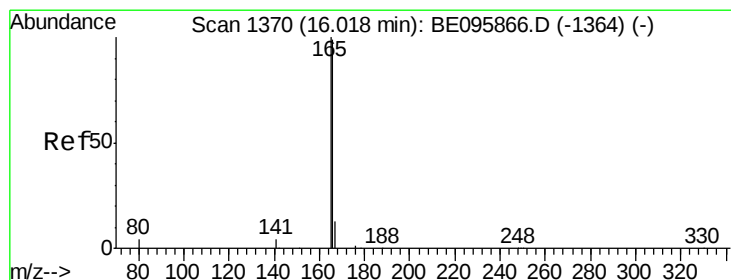
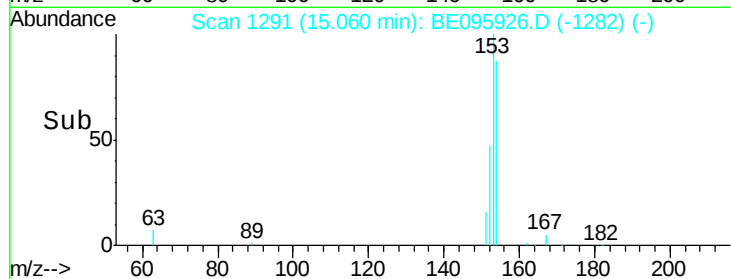
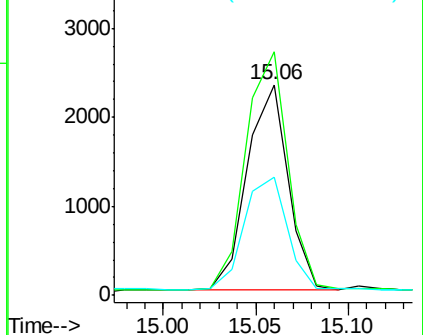
152 57.8 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.361 ng

RT: 16.02 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

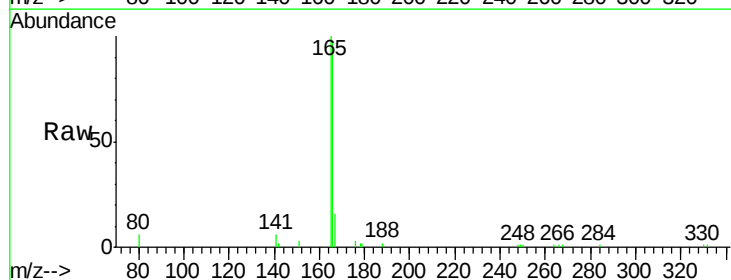
Tgt Ion:166 Resp: 4796

Ion Ratio Lower Upper

166 100

165 100.8 77.8 116.6

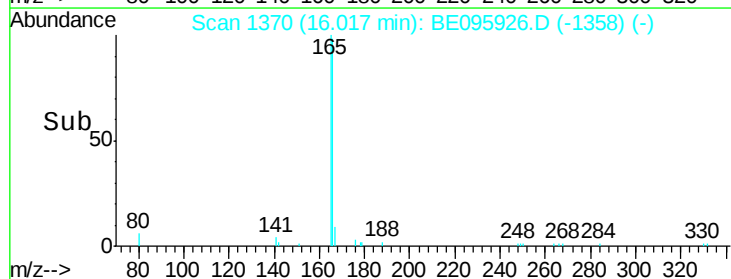
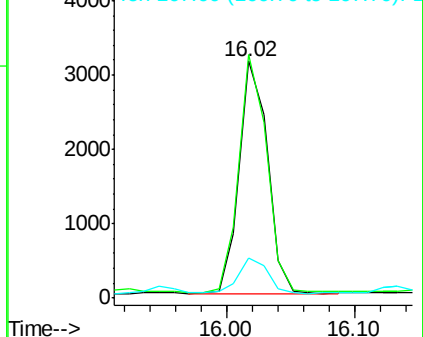
167 15.7 42.4 63.6#

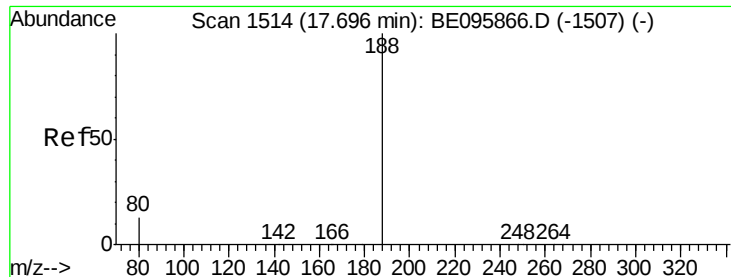


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

Instrument :

BNA_E

ClientSampled :

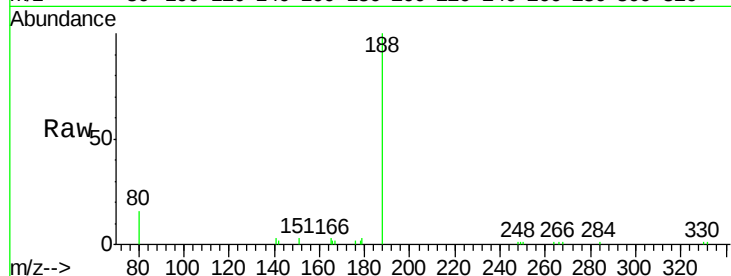
Tot Ion:188 Resp: 6417

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

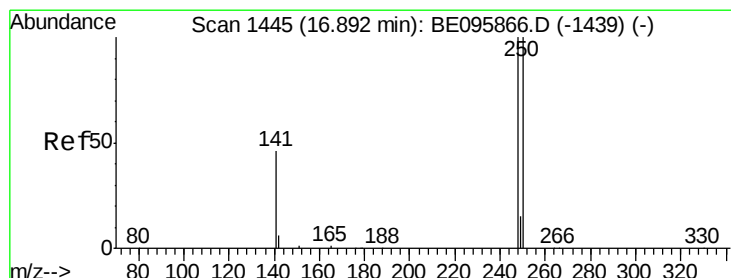
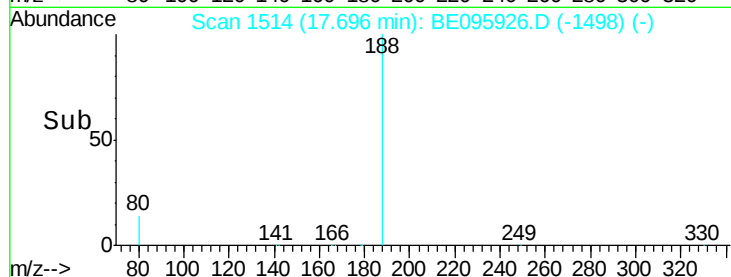
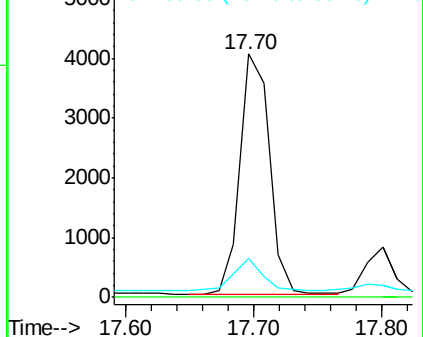
80 16.2 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.387 ng

RT: 16.89 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

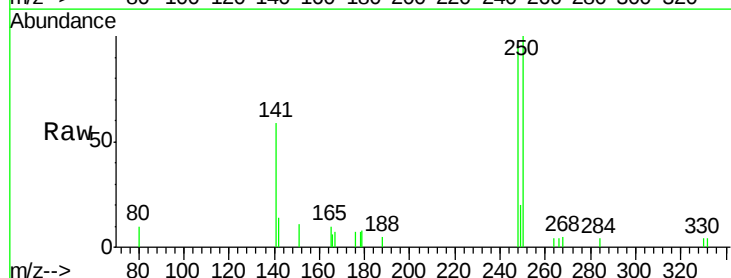
Tgt Ion:248 Resp: 1493

Ion Ratio Lower Upper

248 100

250 104.0 62.7 94.1#

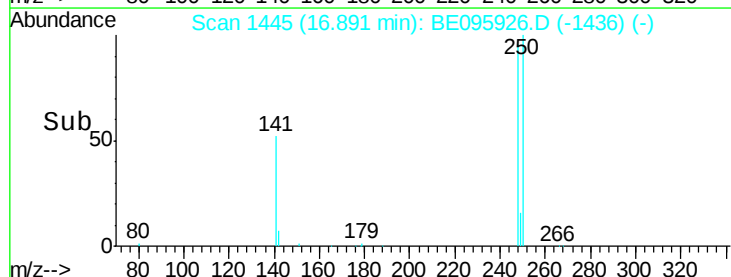
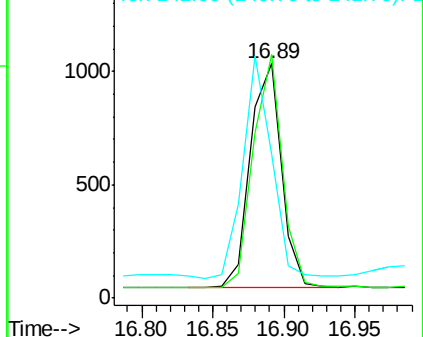
141 61.4 48.2 72.2

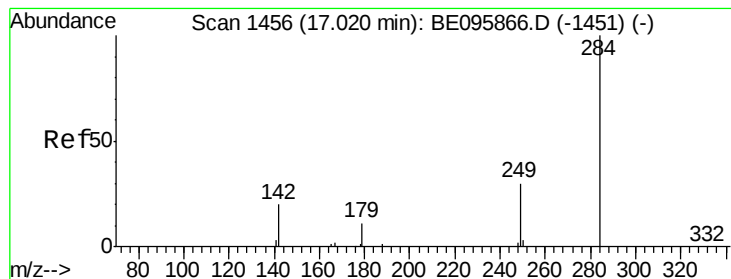


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.382 ng

RT: 17.02 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

Instrument :

BNA_E

ClientSampled :

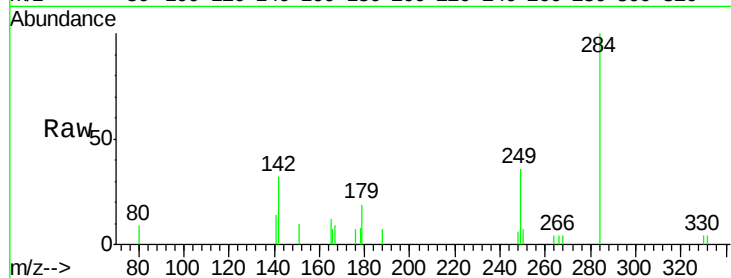
Tot Ion:284 Resp: 1471

Ion Ratio Lower Upper

284 100

142 41.9 22.1 33.1#

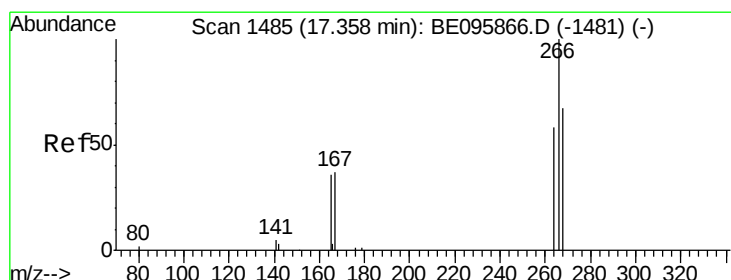
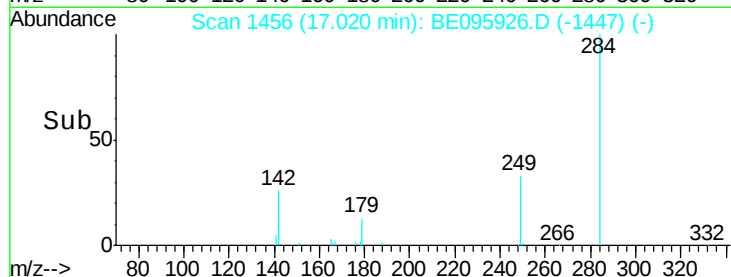
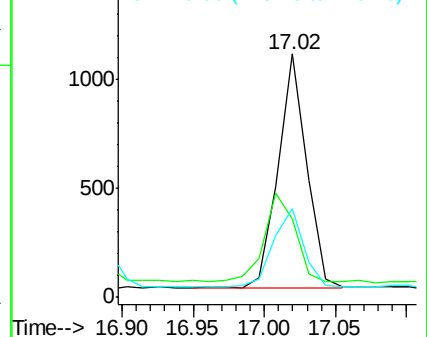
249 35.5 34.8 52.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 1.010 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

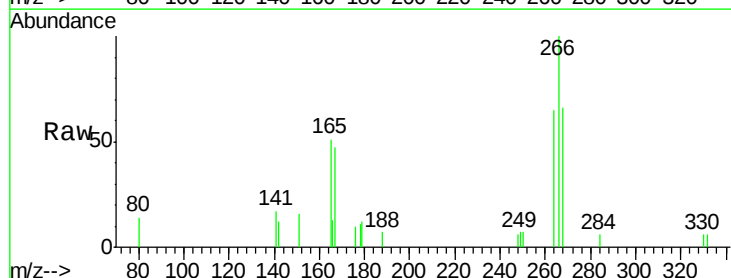
Tgt Ion:266 Resp: 1279

Ion Ratio Lower Upper

266 100

264 64.6 72.5 108.7#

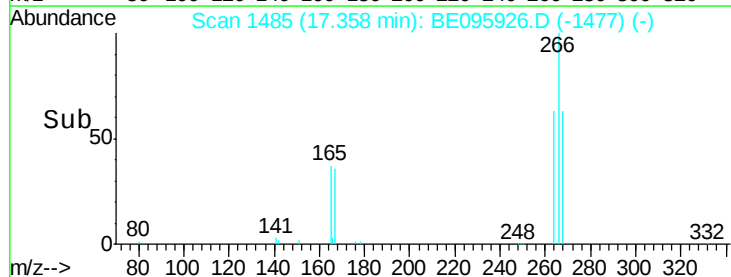
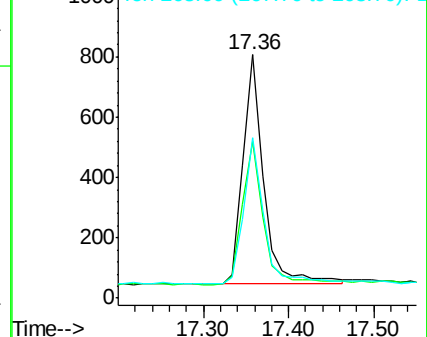
268 65.7 73.8 110.6#

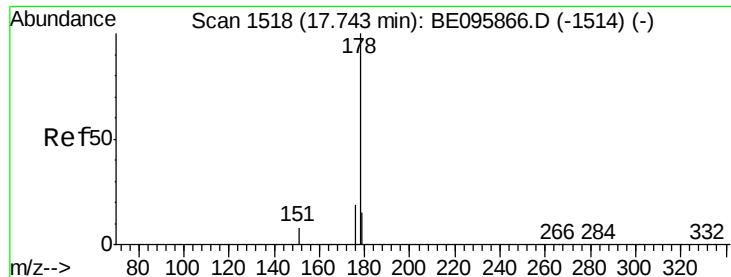


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.408 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

Instrument :

BNA_E

ClientSampleId :

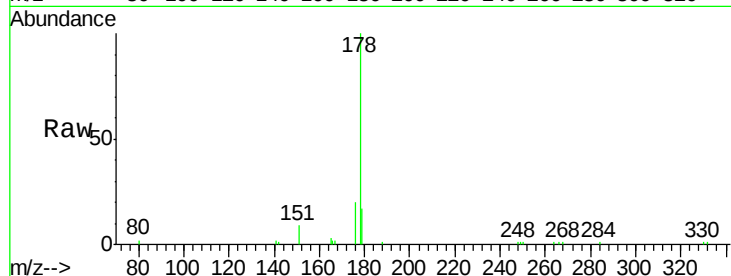
Tot Ion:178 Resp: 7833

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

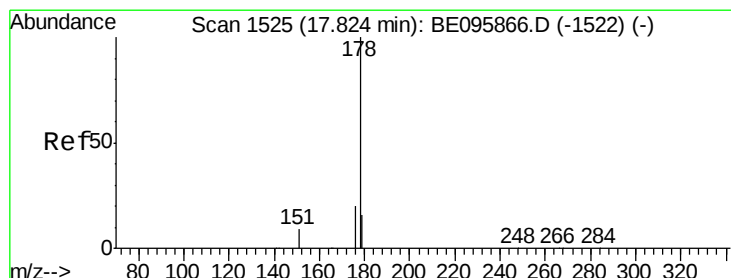
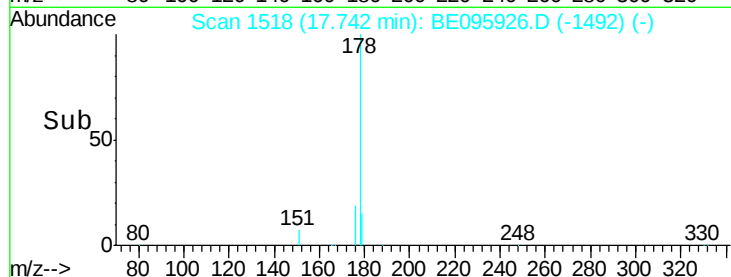
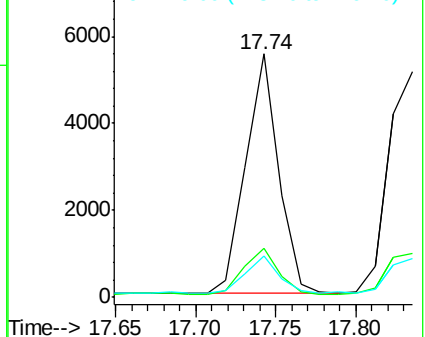
179 15.2 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.408 ng

RT: 17.84 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

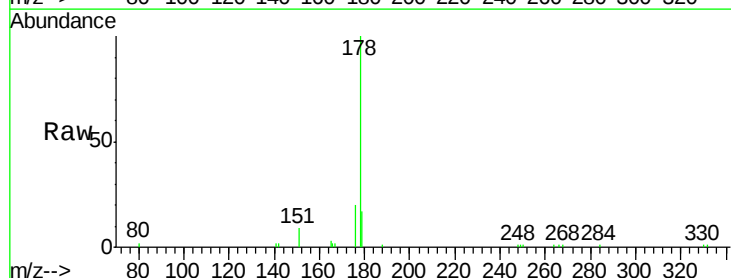
Tgt Ion:178 Resp: 7842

Ion Ratio Lower Upper

178 100

176 19.3 12.8 19.2#

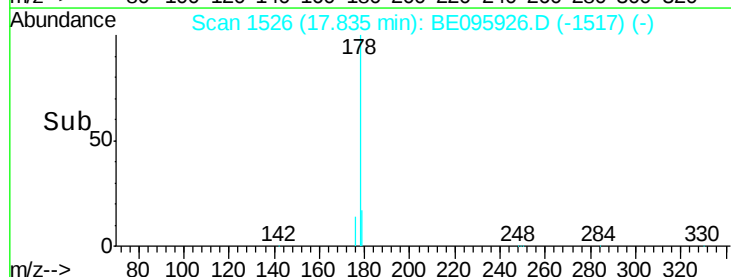
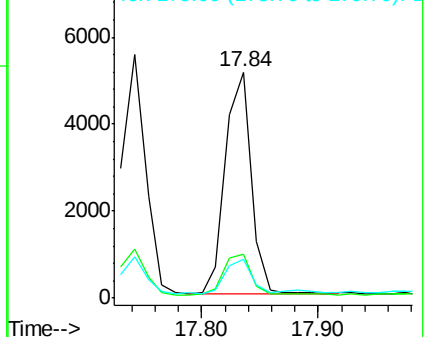
179 15.7 13.0 19.6

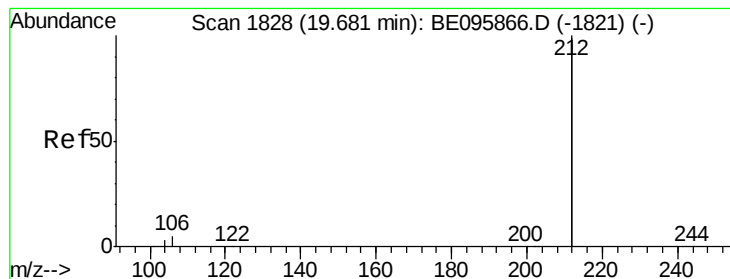


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.392 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

Instrument :

BNA_E

ClientSampleId :

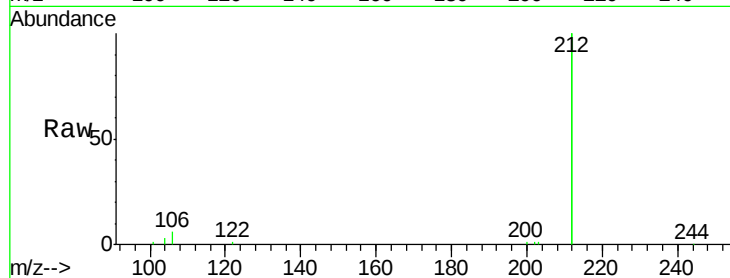
Tot Ion:212 Resp: 37329

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

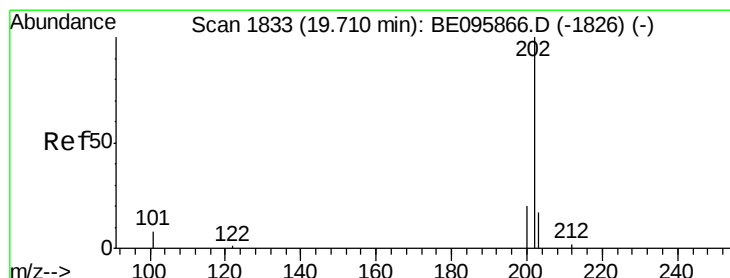
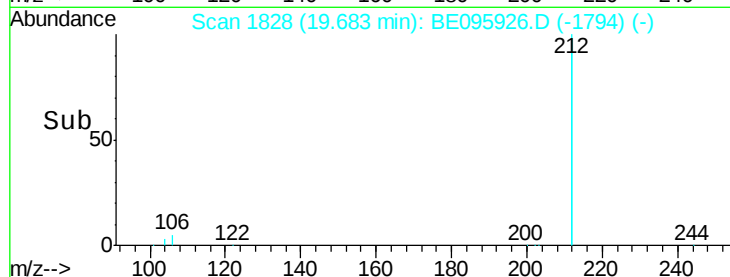
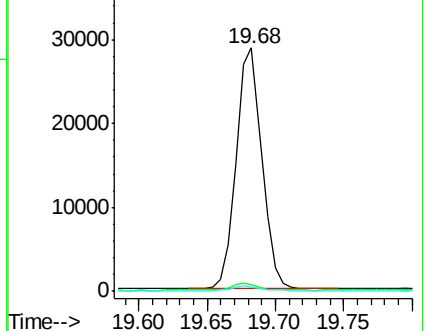
104 1.8 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.375 ng

RT: 19.71 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

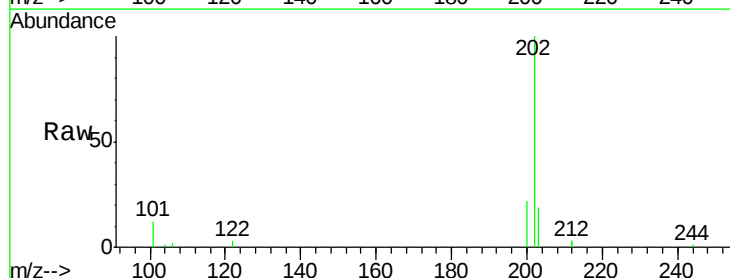
Tgt Ion:202 Resp: 10001

Ion Ratio Lower Upper

202 100

101 15.0 9.8 14.8#

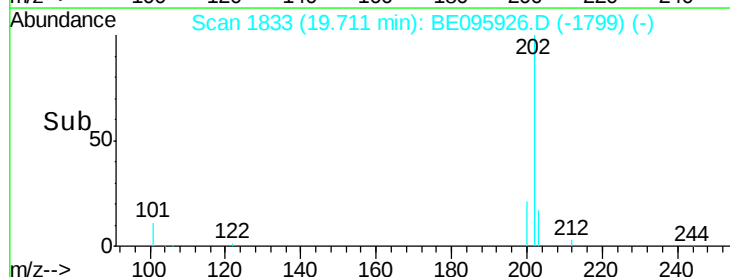
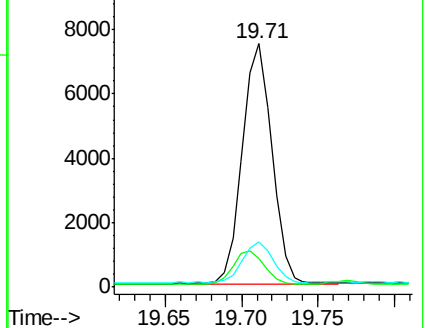
203 16.9 13.7 20.5

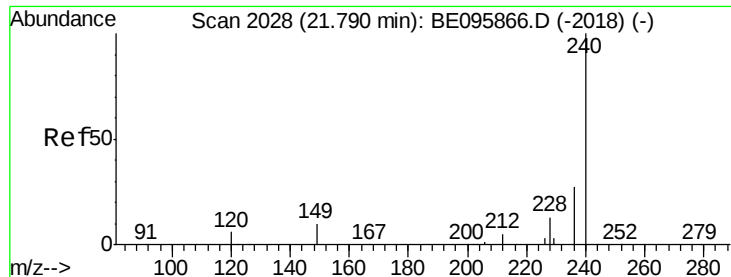


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

Instrument :

BNA_E

ClientSampleId :

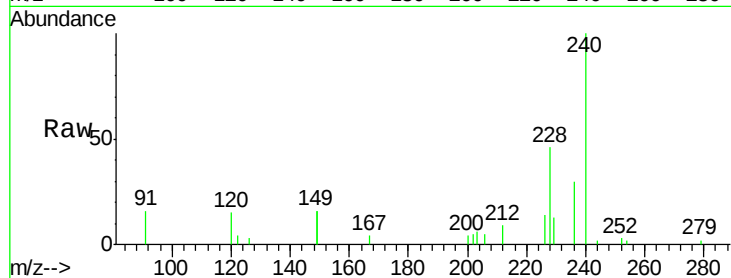
Tot Ion:240 Resp: 7150

Ion Ratio Lower Upper

240 100

120 14.9 5.5 8.3#

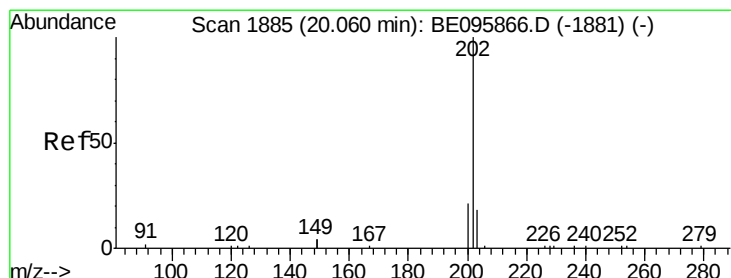
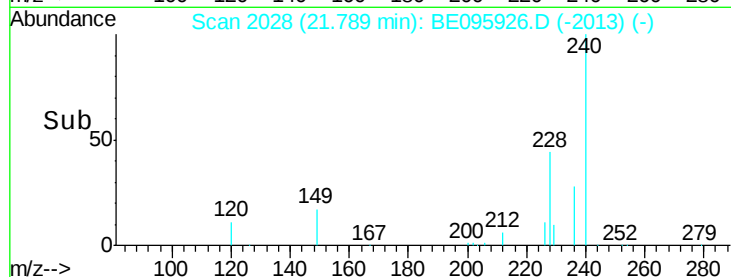
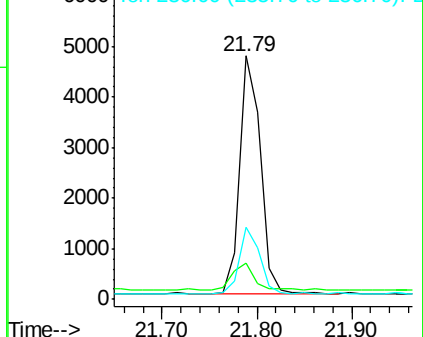
236 29.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.480 ng

RT: 20.06 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

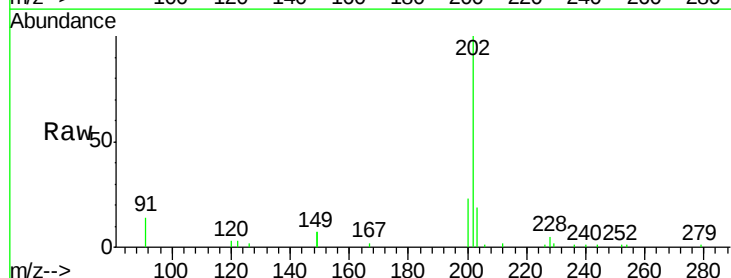
Tgt Ion:202 Resp: 13968

Ion Ratio Lower Upper

202 100

200 20.1 16.6 25.0

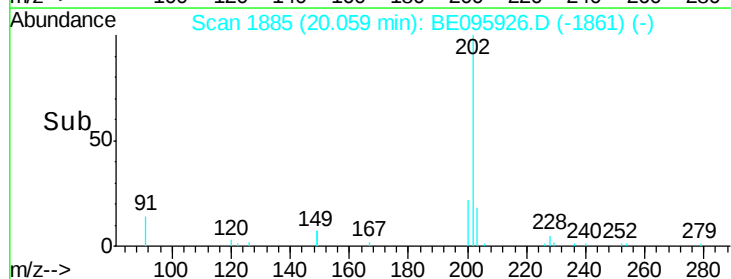
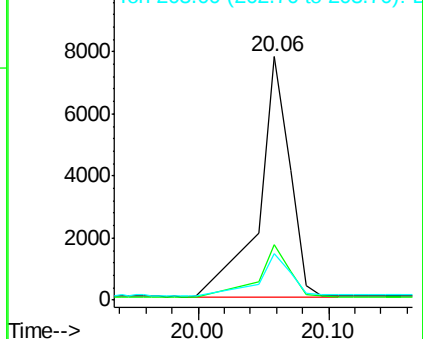
203 16.8 13.8 20.8

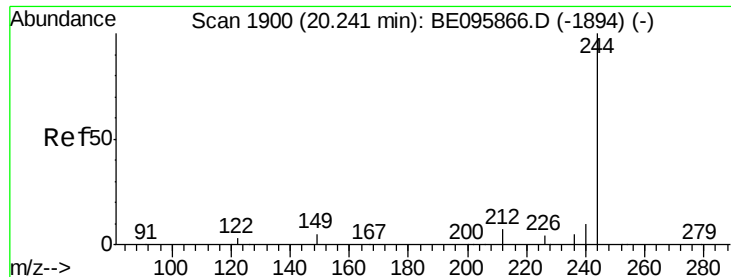


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.768 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

Instrument :

BNA_E

ClientSampled :

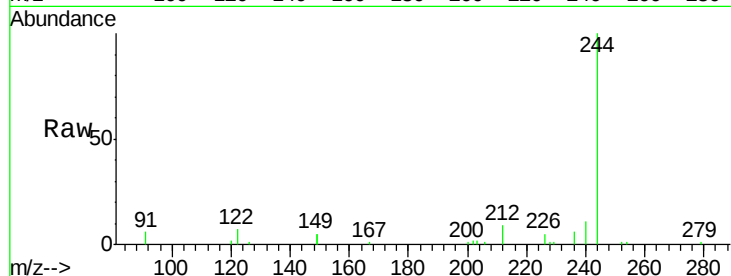
Tot Ion:244 Resp: 11669

Ion Ratio Lower Upper

244 100

212 8.7 25.4 38.0#

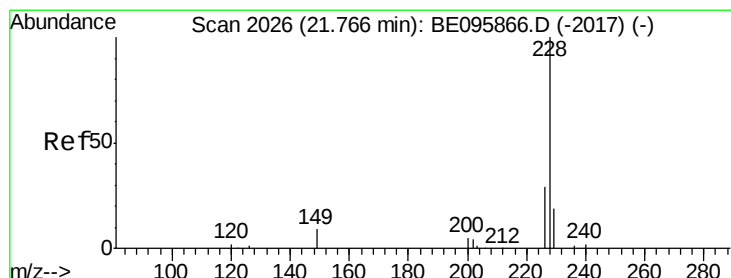
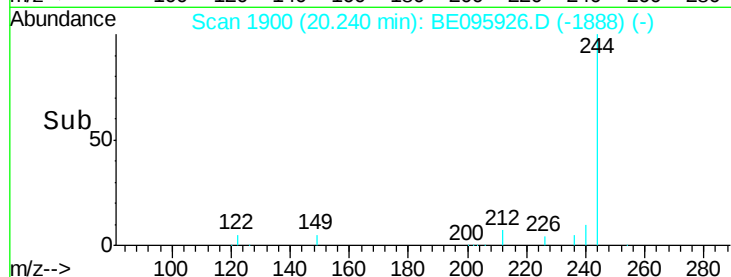
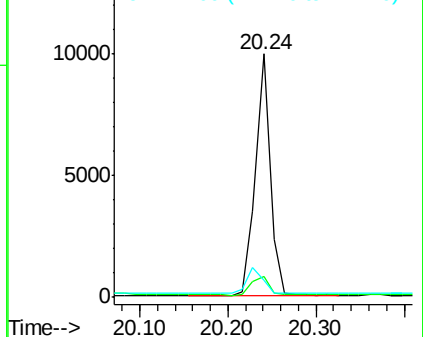
122 7.0 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.394 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

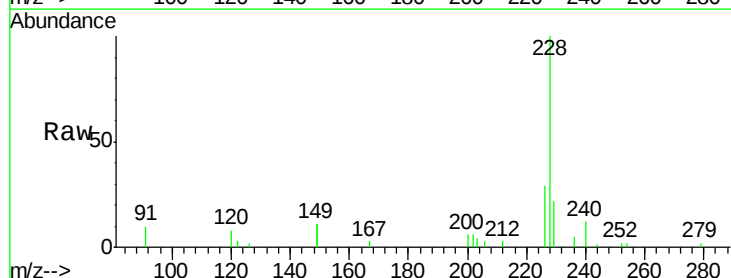
Tgt Ion:228 Resp: 9765

Ion Ratio Lower Upper

228 100

226 28.8 24.0 36.0

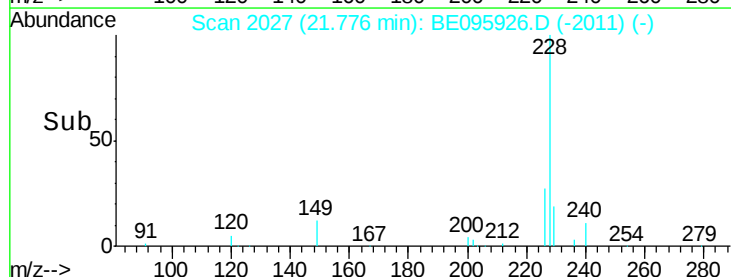
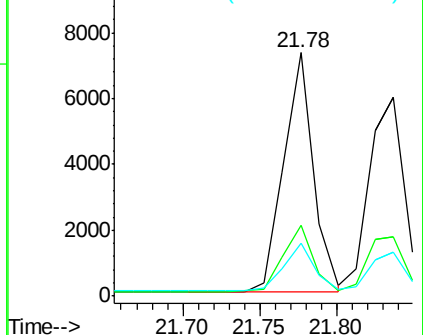
229 21.5 16.0 24.0

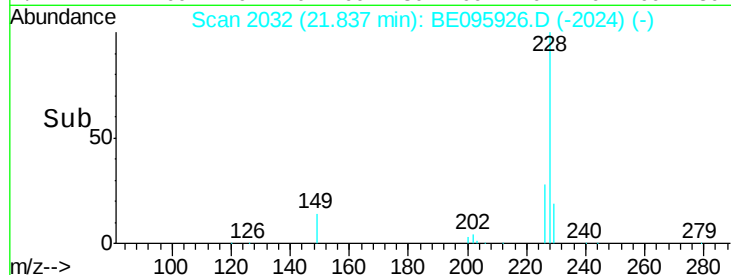
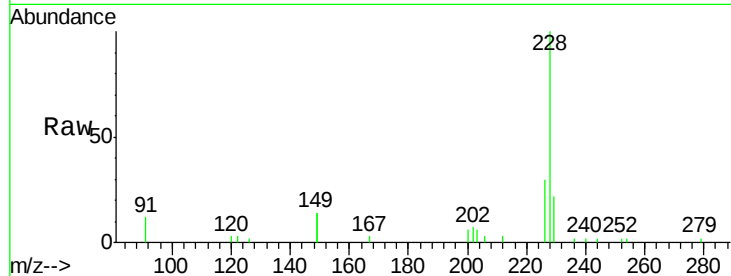
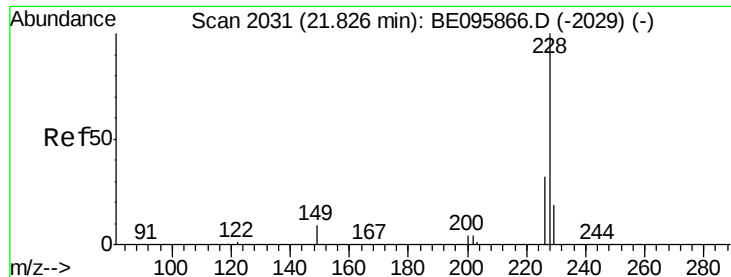


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.411 ng

RT: 21.84 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

Instrument :

BNA_E

ClientSampleId :

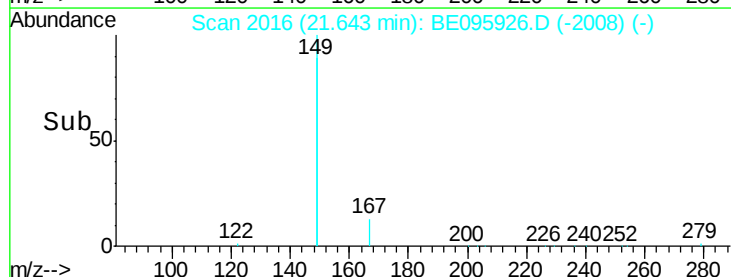
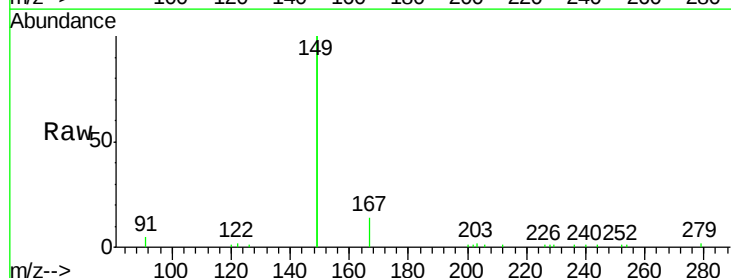
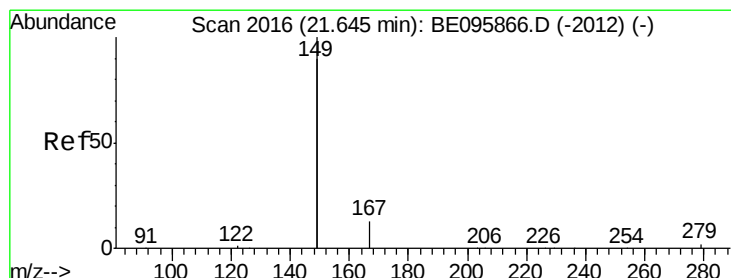
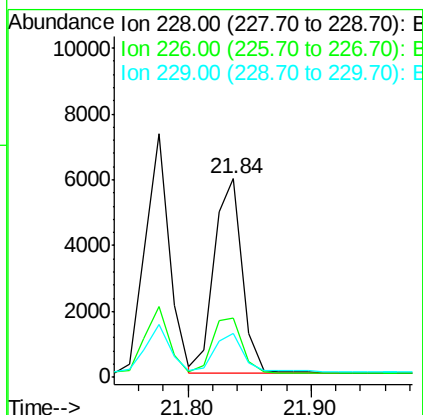
Tot Ion:228 Resp: 9307

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 22.1 16.0 24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.412 ng

RT: 21.64 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

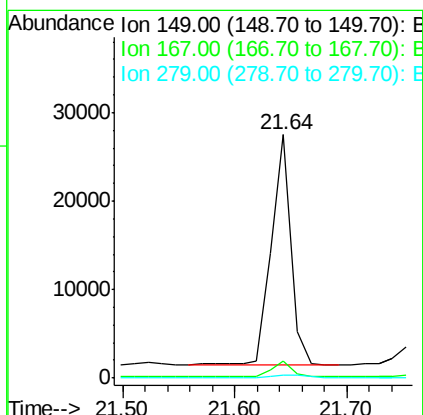
Tgt Ion:149 Resp: 31216

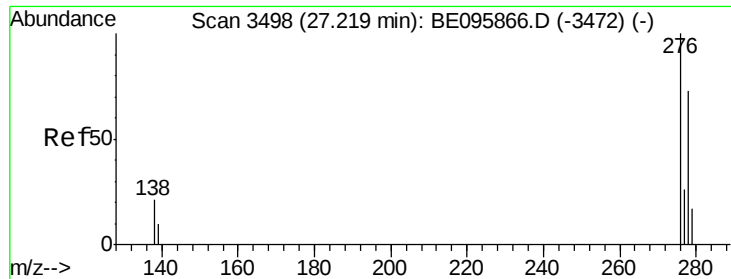
Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

279 0.9 0.7 1.1

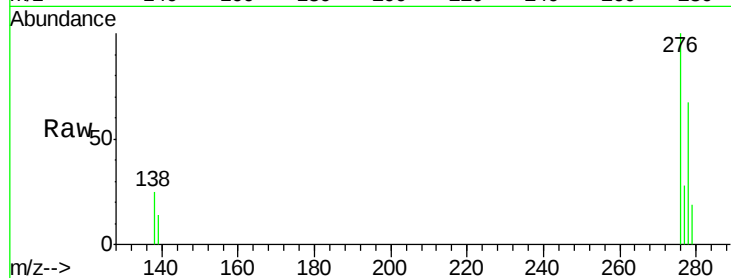




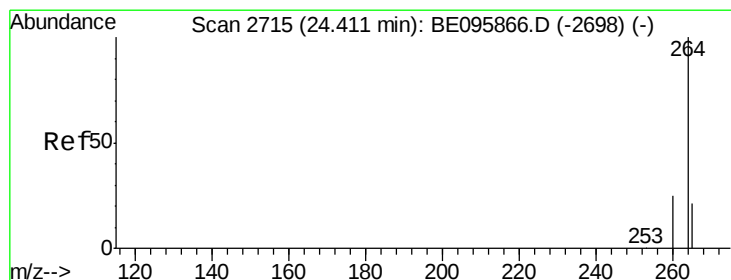
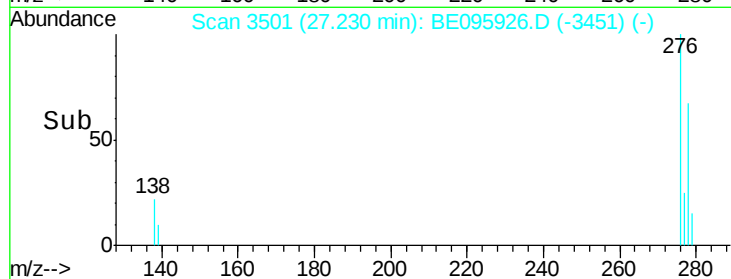
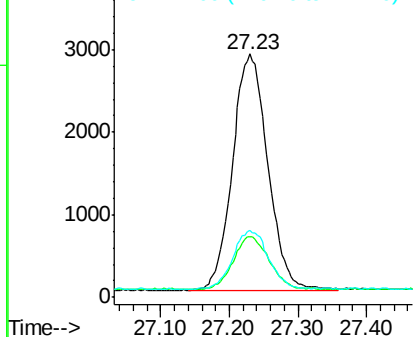
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng
RT: 27.23 min Scan# 3501
Delta R.T. -0.02 min
Lab File: BE095926.D
Acq: 2 Apr 2018 14:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 10240
Ion Ratio Lower Upper
276 100
138 22.9 22.5 33.7
277 25.1 19.9 29.9

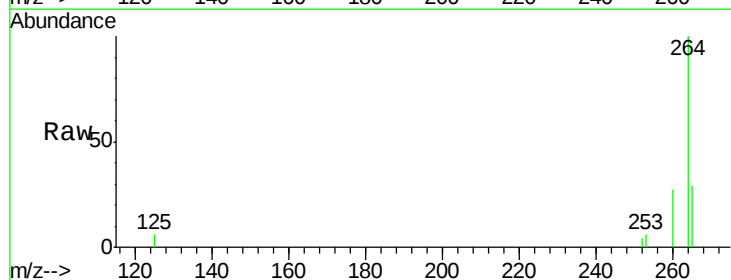


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

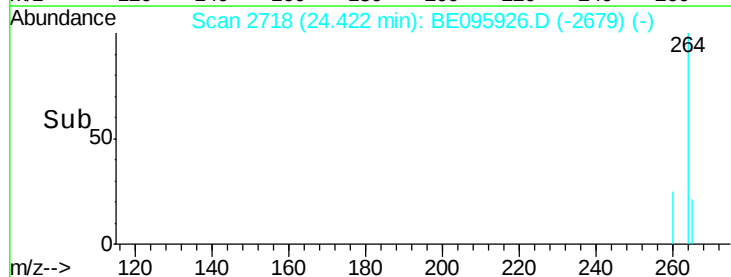
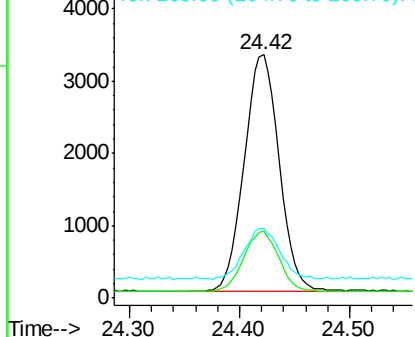


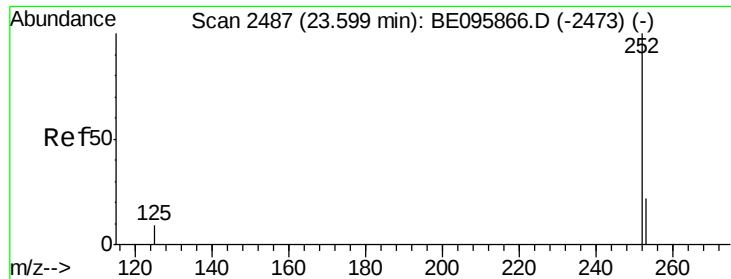
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2718
Delta R.T. -0.01 min
Lab File: BE095926.D
Acq: 2 Apr 2018 14:22

Tgt Ion:264 Resp: 7146
Ion Ratio Lower Upper
264 100
260 27.5 20.5 30.7
265 28.8 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.391 ng

RT: 23.61 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

Instrument :

BNA_E

ClientSampleId :

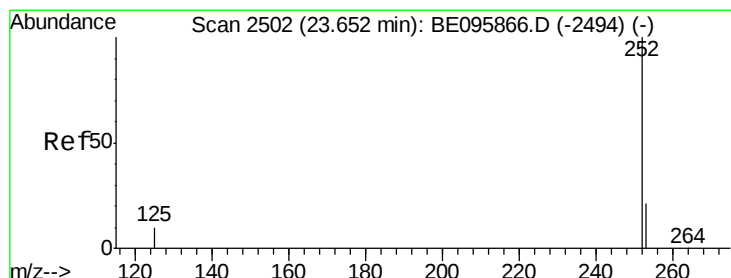
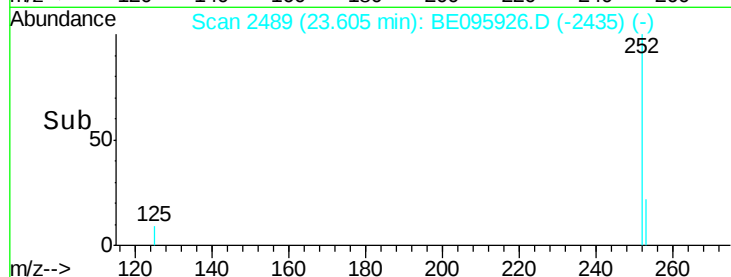
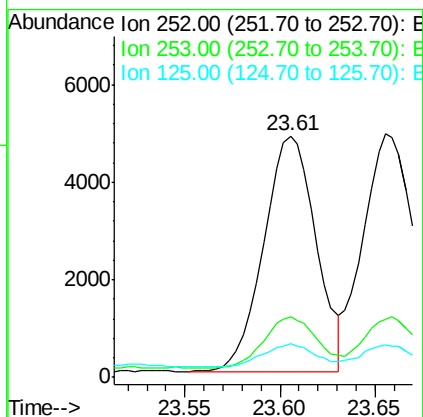
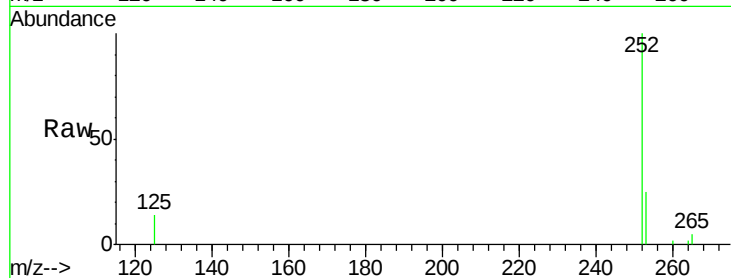
Tot Ion:252 Resp: 9233

Ion Ratio Lower Upper

252 100

253 25.0 20.0 30.0

125 13.7 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 0.392 ng

RT: 23.66 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

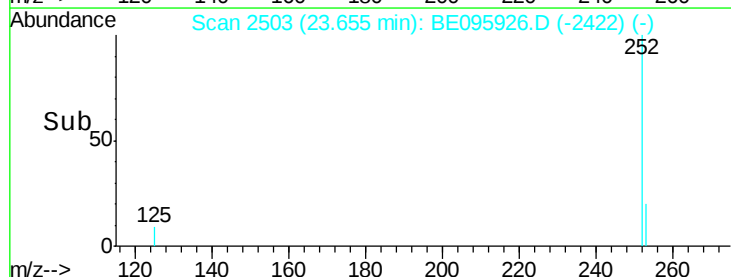
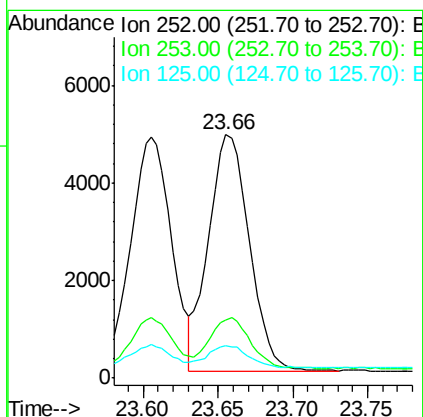
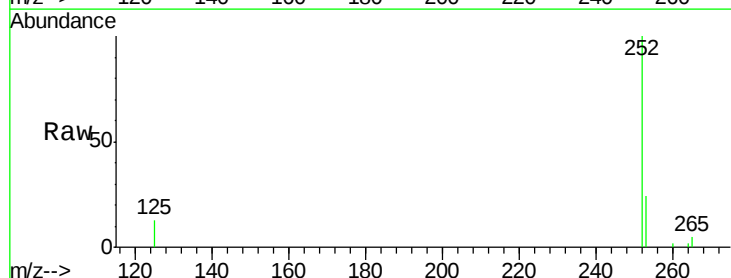
Tgt Ion:252 Resp: 9266

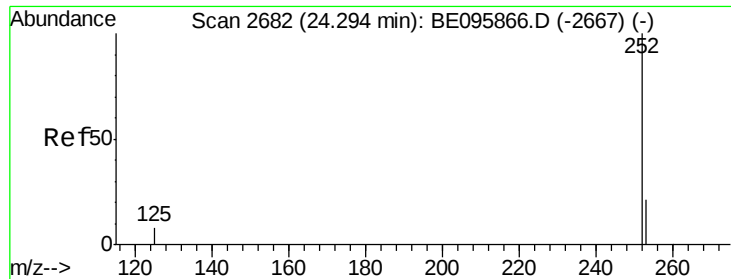
Ion Ratio Lower Upper

252 100

253 23.8 16.0 24.0

125 13.3 8.0 12.0#

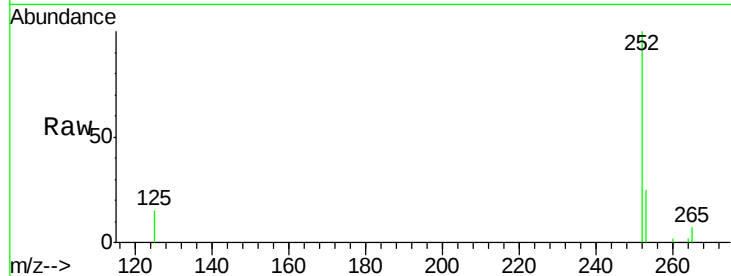




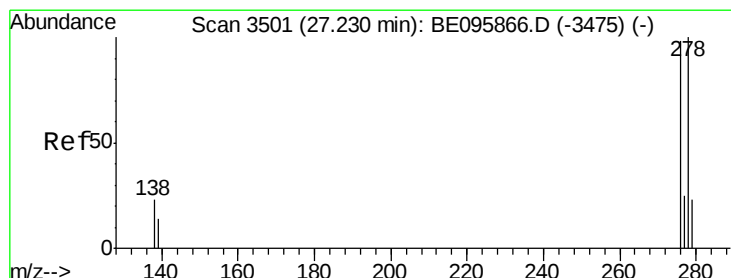
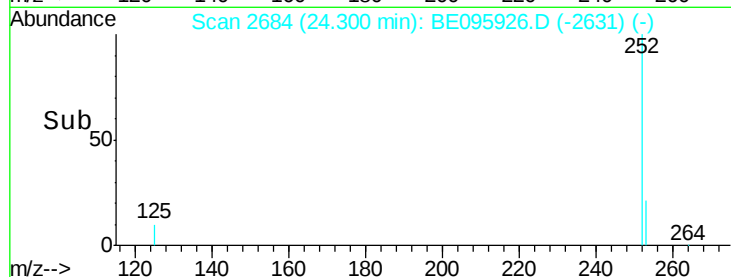
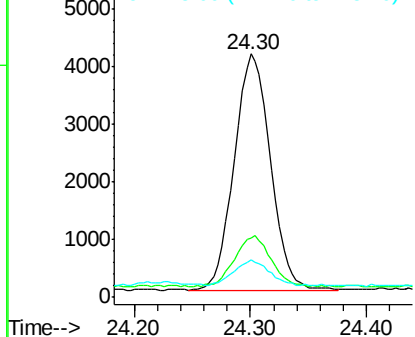
#37
Benzo(a)pyrene
Concen: 0.401 ng
RT: 24.30 min Scan# 2684
Delta R.T. -0.01 min
Lab File: BE095926.D
Acq: 2 Apr 2018 14:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 8889
Ion Ratio Lower Upper
252 100
253 24.6 16.0 24.0#
125 15.3 12.0 18.0

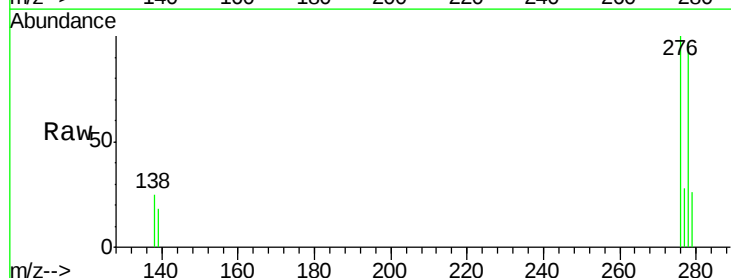


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

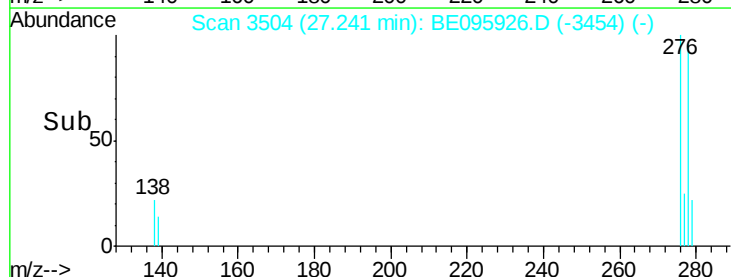
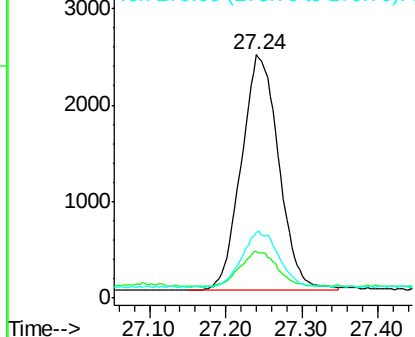


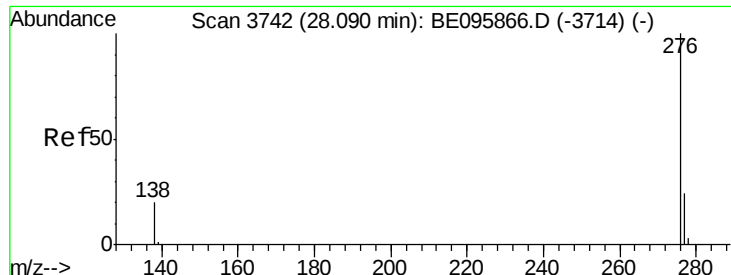
#38
Dibenzo(a,h)anthracene
Concen: 0.399 ng
RT: 27.24 min Scan# 3504
Delta R.T. -0.02 min
Lab File: BE095926.D
Acq: 2 Apr 2018 14:22

Tgt Ion:278 Resp: 8398
Ion Ratio Lower Upper
278 100
139 19.1 16.0 24.0
279 26.9 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.408 ng

RT: 28.10 min Scan# 3746

Delta R.T. -0.02 min

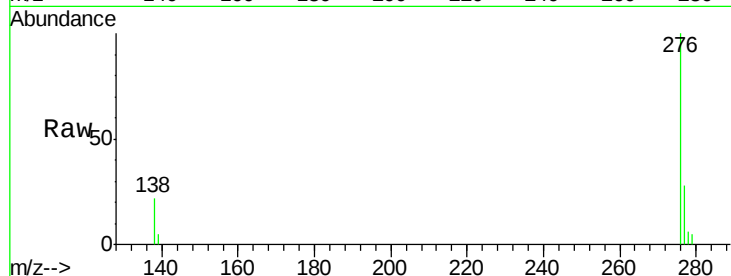
Lab File: BE095926.D

Acq: 2 Apr 2018 14:22

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 8628

Ion Ratio Lower Upper

276 100

277 27.9 16.0 24.0#

138 22.2 20.0 30.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

