

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE012318\
 Data File : BE095097.D
 Acq On : 23 Jan 2018 15:00
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE012318

Quant Time: Jan 23 15:52:24 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 15:47:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5910	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	13792	0.40	ng	0.00
13) Acenaphthene-d10	15.03	164	7780	0.40	ng	0.00
19) Phenanthrene-d10	17.74	188	17672	0.40	ng	0.00
27) Chrysene-d12	21.84	240	17833	0.40	ng	0.00
34) Perylene-d12	24.49	264	14372	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	3746	0.39	ng	0.00
5) Phenol-d6	7.58	99	5660	0.39	ng	0.00
8) Nitrobenzene-d5	9.63	82	4935	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	9242	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	694	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.68	172	14184	0.41	ng	0.00
25) Fluoranthene-d10	19.72	212	86563	0.39	ng	0.00
29) Terphenyl-d14	20.28	244	14266	0.39	ng	0.00

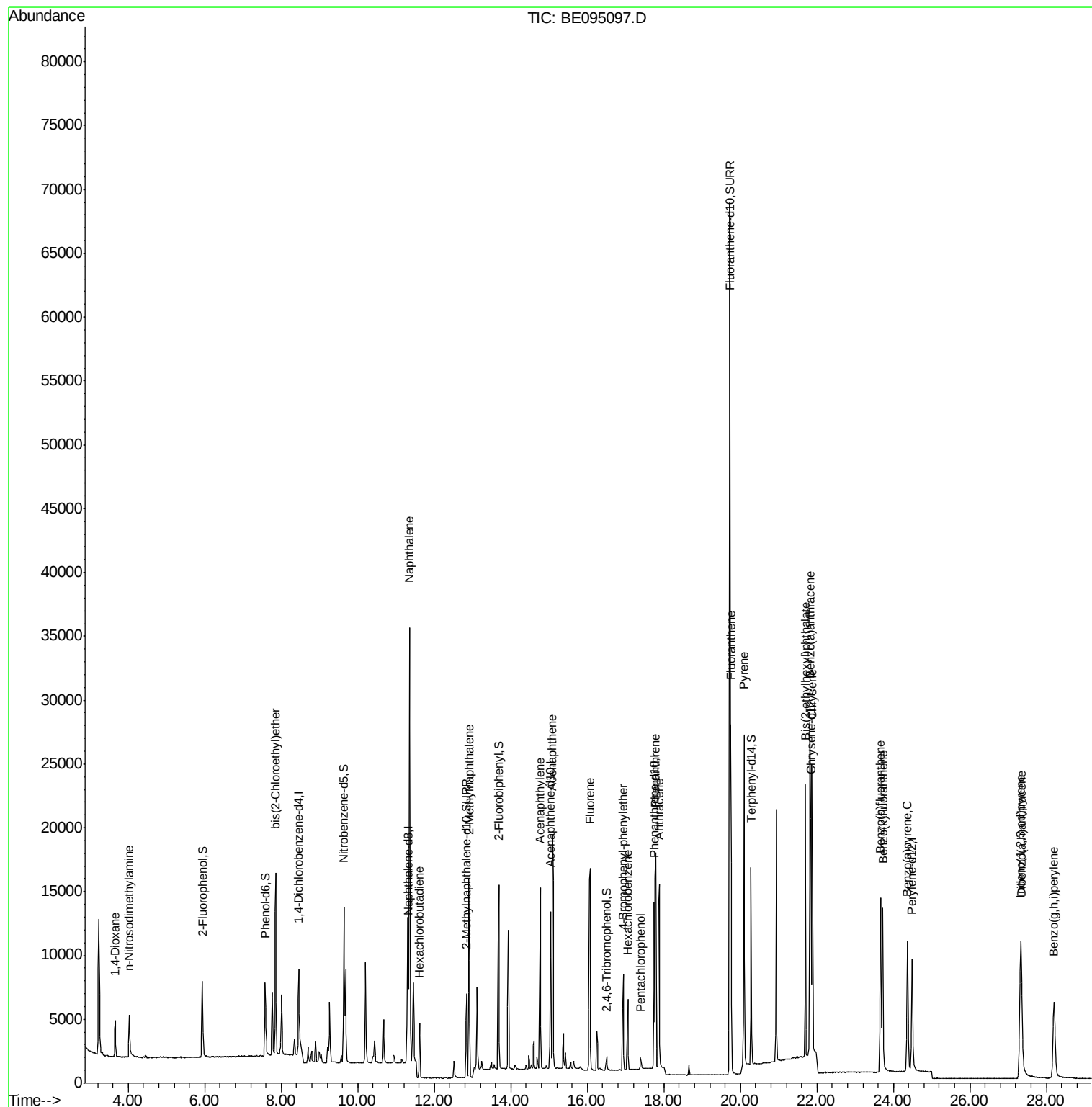
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	2462	0.424	ng	# 82
3) n-Nitrosodimethylamine	4.02	42	2660	0.384	ng	99
6) bis(2-Chloroethyl)ether	7.86	93	5247	0.388	ng	92
9) Naphthalene	11.34	128	63795	0.404	ng	99
10) Hexachlorobutadiene	11.61	225	2895	0.409	ng	97
12) 2-Methylnaphthalene	12.91	142	10913	0.403	ng	99
16) Acenaphthylene	14.76	152	16310	0.392	ng	100
17) Acenaphthene	15.09	154	10764	0.397	ng	94
18) Fluorene	16.07	166	13173	0.389	ng	# 79
20) 4-Bromophenyl-phenylether	16.94	248	4095	0.394	ng	# 73
21) Hexachlorobenzene	17.06	284	4198	0.402	ng	# 82
22) Pentachlorophenol	17.39	266	713	0.356	ng	# 75
23) Phenanthrene	17.79	178	21960	0.402	ng	98
24) Anthracene	17.88	178	19125	0.393	ng	96
26) Fluoranthene	19.75	202	25838	0.394	ng	98
28) Pyrene	20.10	202	27600	0.366	ng	95
30) Benzo(a)anthracene	21.82	228	20581	0.369	ng	95
31) Chrysene	21.87	228	22434	0.398	ng	97
32) Bis(2-ethylhexyl)phthalate	21.70	149	24560	0.317	ng	99
33) Indeno(1,2,3-cd)pyrene	27.32	276	18979	0.370	ng	95
35) Benzo(b)fluoranthene	23.67	252	20730	0.407	ng	# 89
36) Benzo(k)fluoranthene	23.72	252	20341	0.390	ng	95
37) Benzo(a)pyrene	24.37	252	17982	0.385	ng	93
38) Dibenzo(a,h)anthracene	27.34	278	14755	0.375	ng	97
39) Benzo(g,h,i)perylene	28.20	276	16713	0.392	ng	94

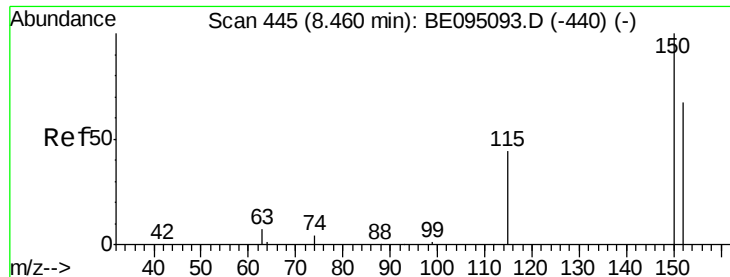
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_E

ClientSampleId :

ICVBE012318

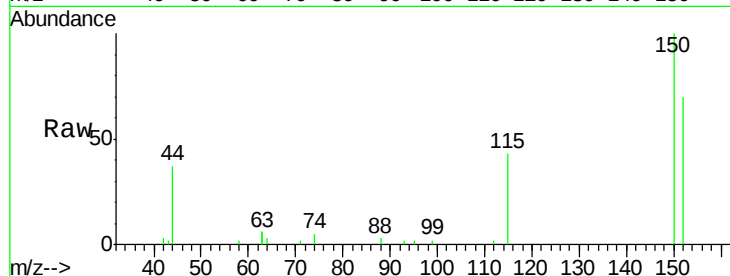
Tgt Ion:152 Resp: 5910

Ion Ratio Lower Upper

152 100

150 142.0 117.2 175.8

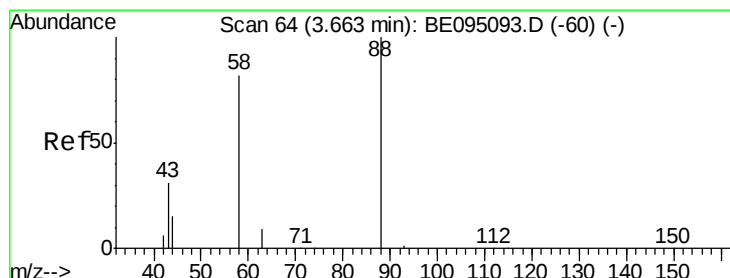
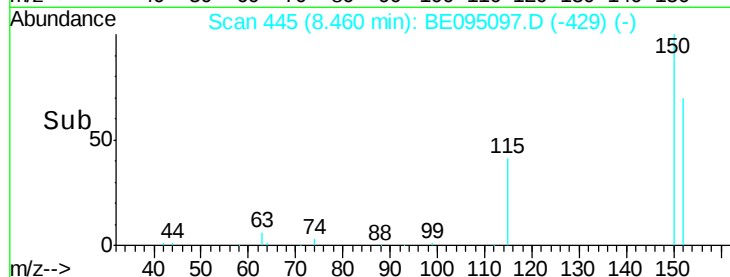
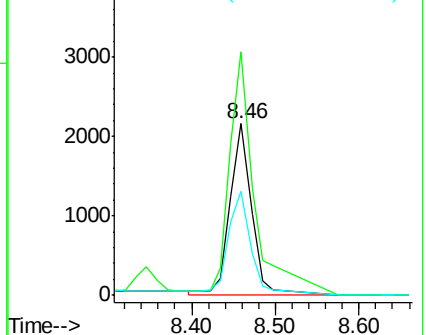
115 60.5 57.0 85.6



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: 0.424 ng

RT: 3.66 min Scan# 64

Delta R.T. -0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

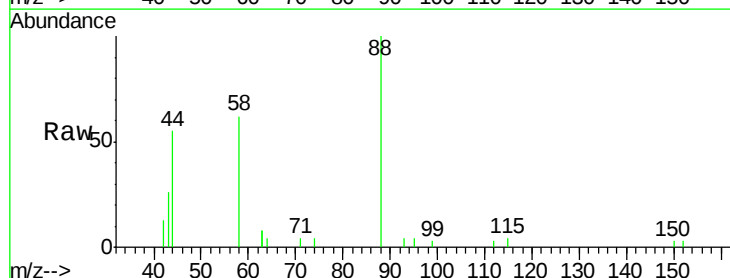
Tgt Ion: 88 Resp: 2462

Ion Ratio Lower Upper

88 100

58 70.8 63.2 94.8

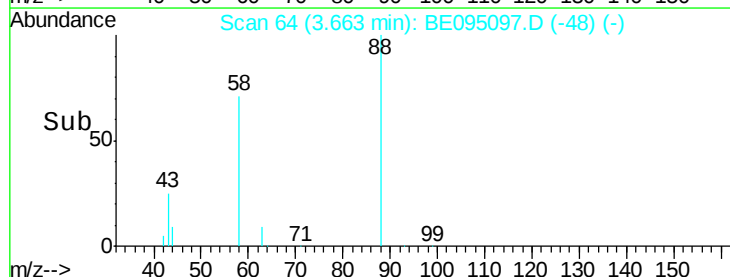
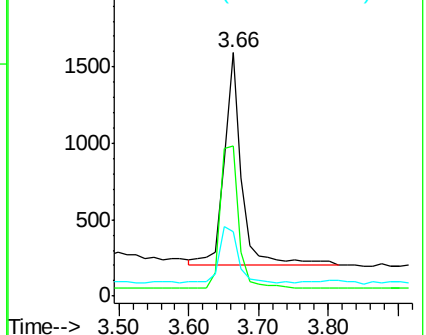
43 29.6 41.2 61.8#

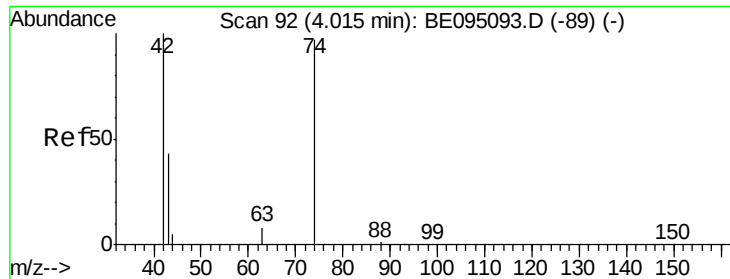


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.384 ng

RT: 4.02 min Scan# 92

Delta R.T. -0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

Instrument :

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ClientSampleId :

ICVBE012318

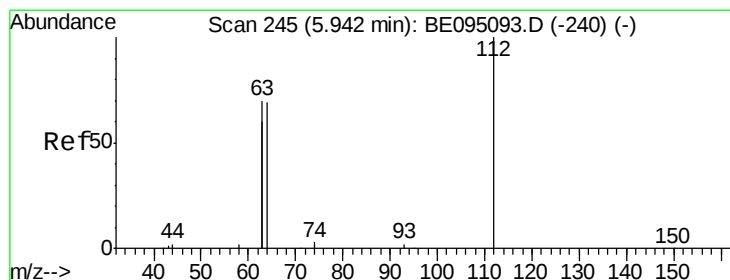
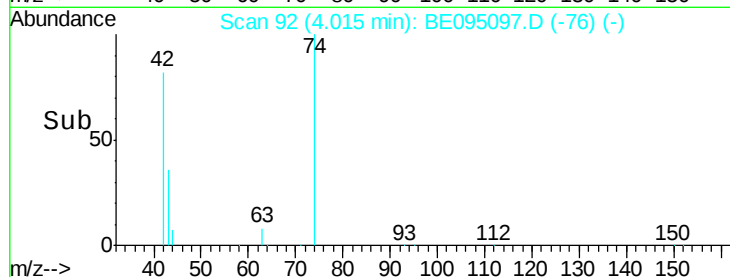
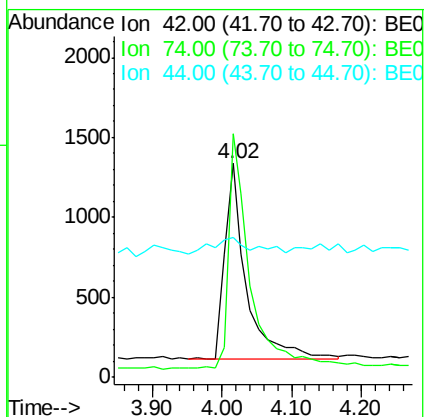
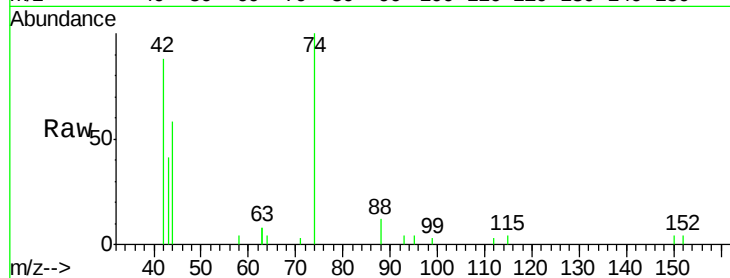
Tgt Ion: 42 Resp: 2660

Ion Ratio Lower Upper

42 100

74 119.7 96.0 144.0

44 12.4 12.0 18.0



#4

2-Fluorophenol

Concen: 0.392 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

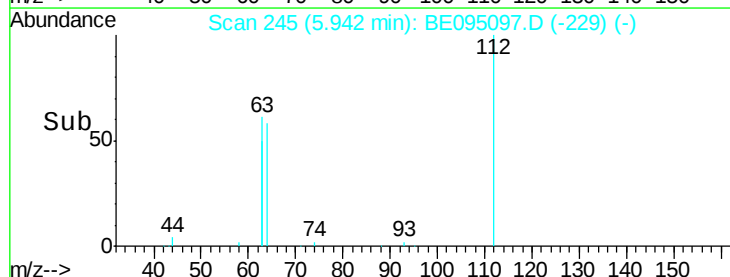
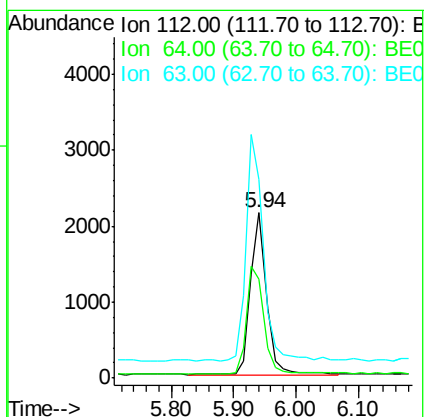
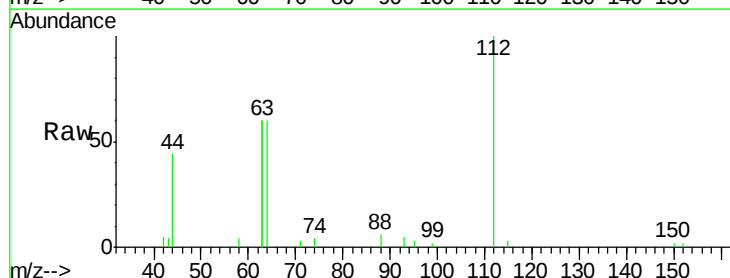
Tgt Ion: 112 Resp: 3746

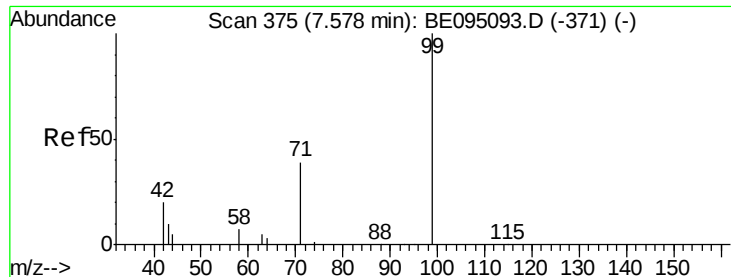
Ion Ratio Lower Upper

112 100

64 72.9 60.1 90.1

63 152.2 116.8 175.2





#5

Phenol-d6

Concen: 0.390 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_E

ClientSampleId :

ICVBE012318

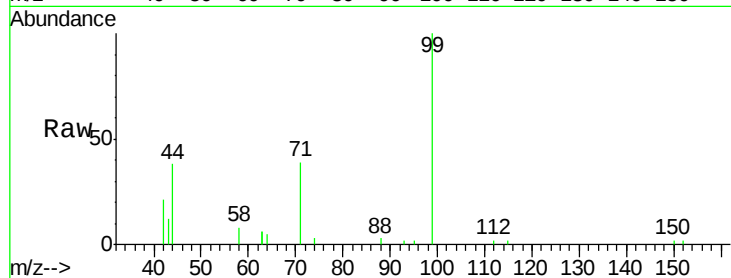
Tgt Ion: 99 Resp: 5660

Ion Ratio Lower Upper

99 100

42 23.6 20.2 30.2

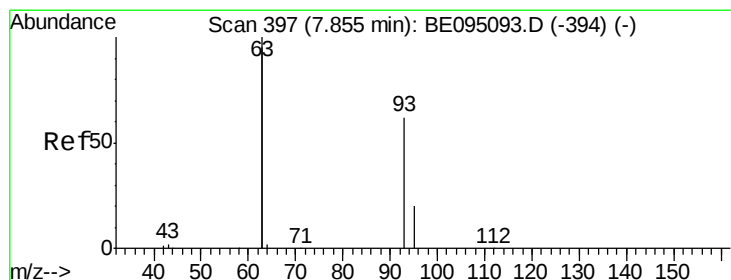
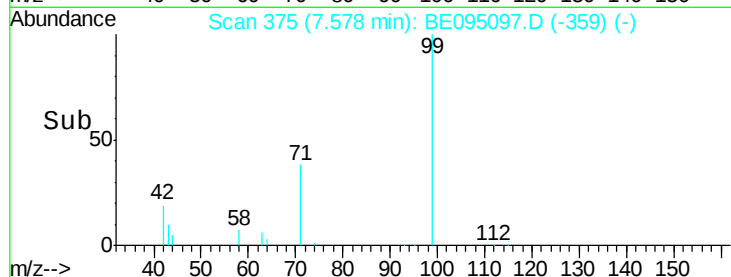
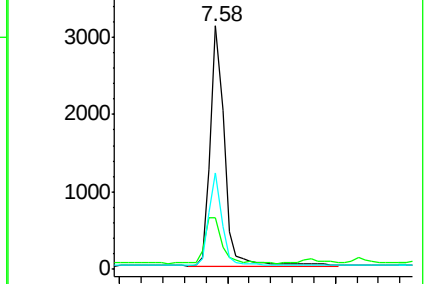
71 36.1 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.388 ng

RT: 7.86 min Scan# 397

Delta R.T. -0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

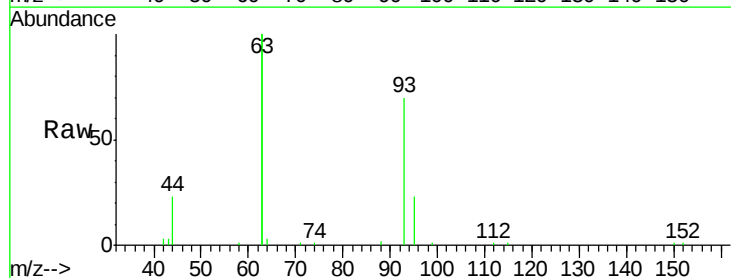
Tgt Ion: 93 Resp: 5247

Ion Ratio Lower Upper

93 100

63 326.5 275.3 412.9

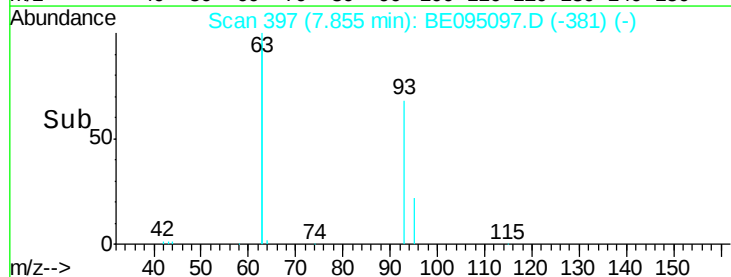
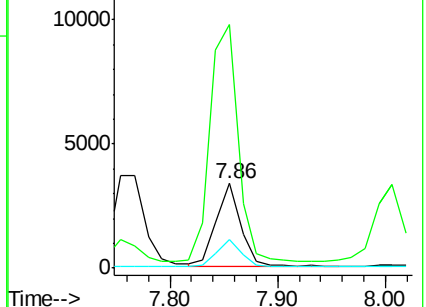
95 32.2 25.2 37.8

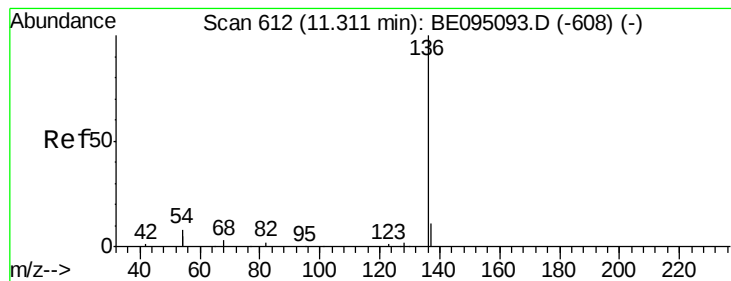


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.31 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_E

ClientSampleId :

ICVBE012318

Tgt Ion:136 Resp: 13792

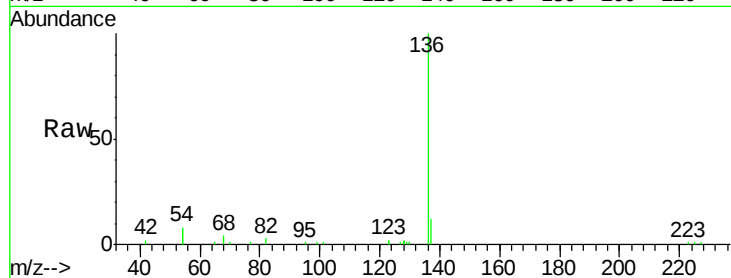
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 15.7 29.1 43.7#

68 3.6 6.2 9.2#

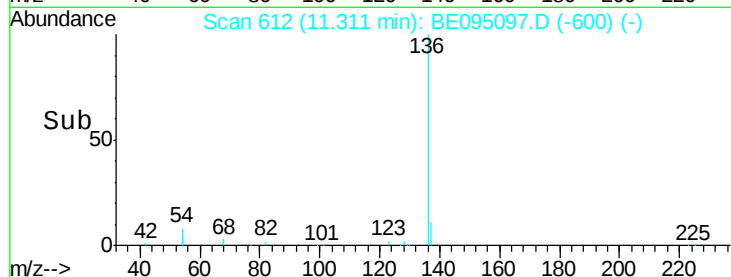


Abundance Ion 136.00 (135.70 to 136.70): E

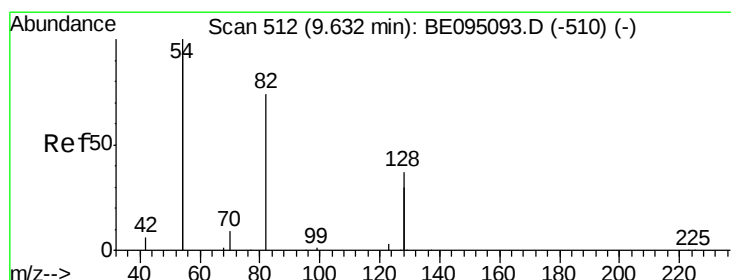
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.393 ng

RT: 9.63 min Scan# 512

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

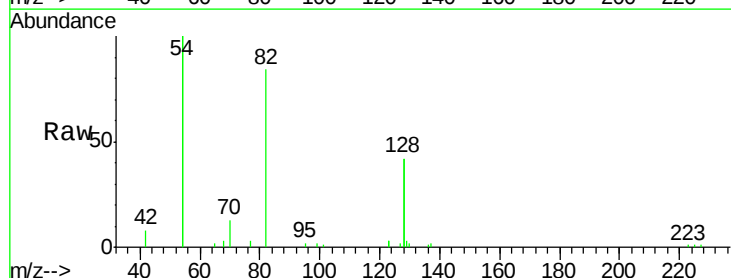
Tgt Ion: 82 Resp: 4935

Ion Ratio Lower Upper

82 100

128 98.6 150.0 225.0#

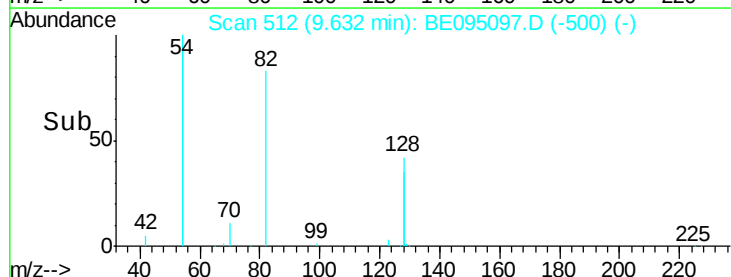
54 236.9 154.2 231.4#



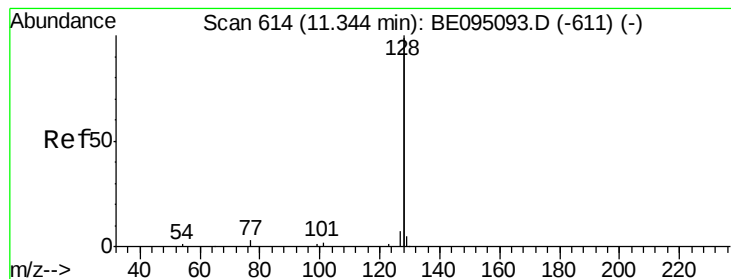
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.404 ng

RT: 11.34 min Scan# 614

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_E

ClientSampleId :

ICVBE012318

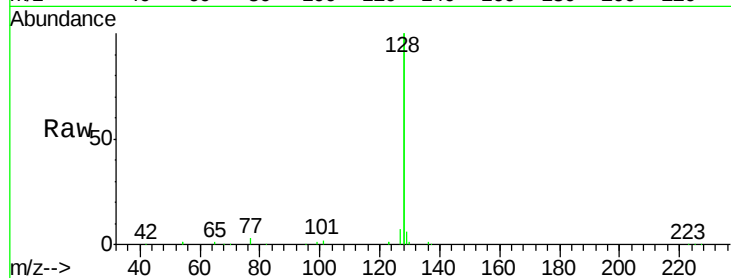
Tgt Ion:128 Resp: 63795

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

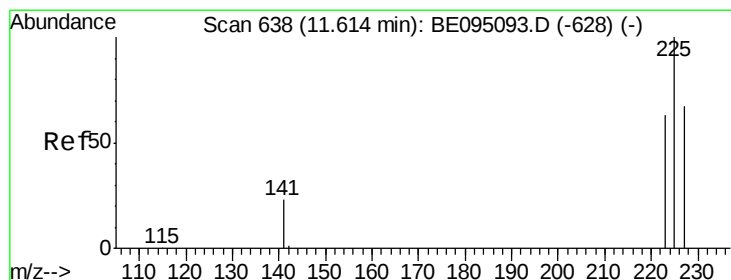
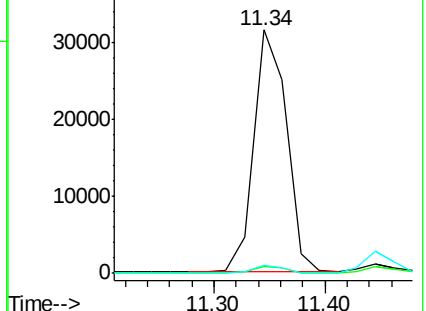
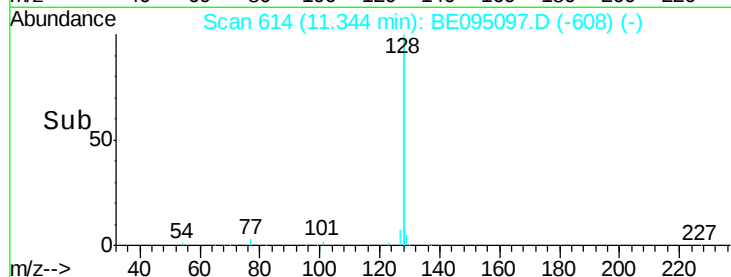
127 3.4 2.8 4.2



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: 0.409 ng

RT: 11.61 min Scan# 638

Delta R.T. -0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

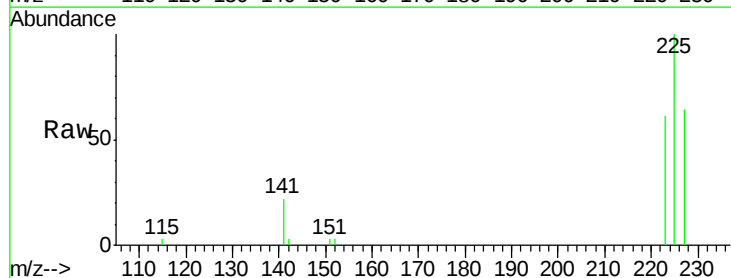
Tgt Ion:225 Resp: 2895

Ion Ratio Lower Upper

225 100

223 62.2 53.0 79.6

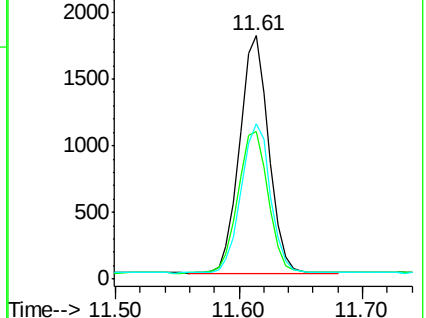
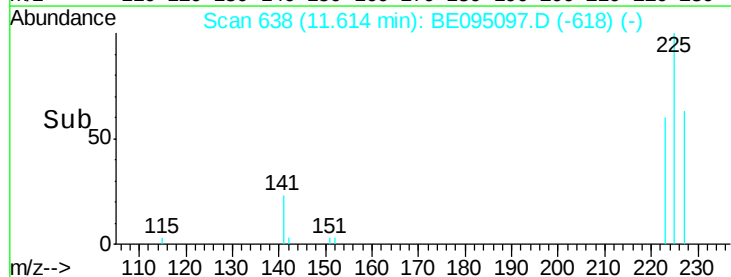
227 64.1 51.4 77.2

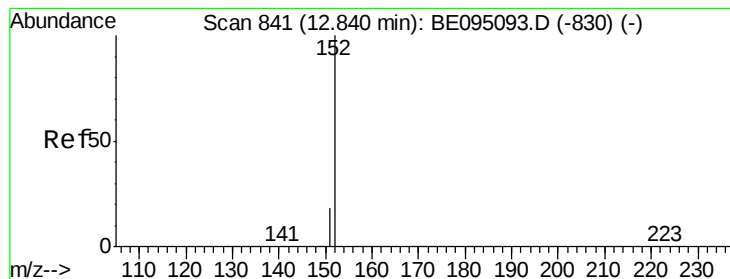


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_E

ClientSampleId :

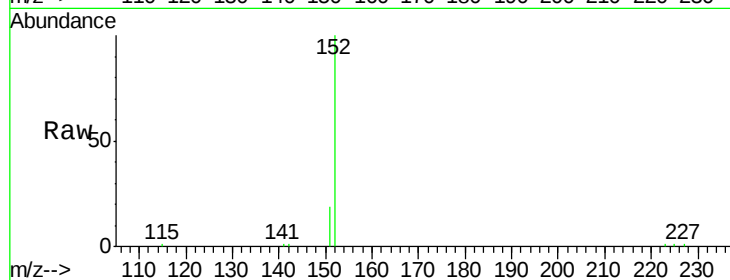
ICVBE012318

Tgt Ion:152 Resp: 9242

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.84

6000

5000

4000

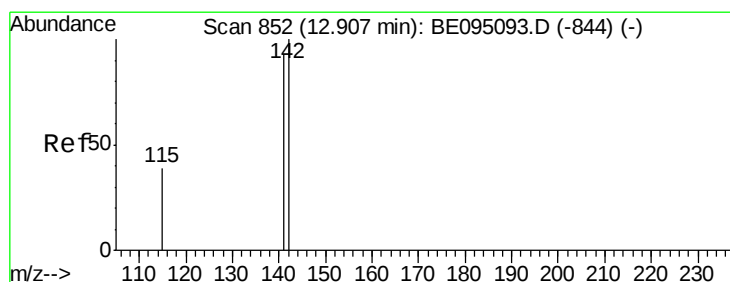
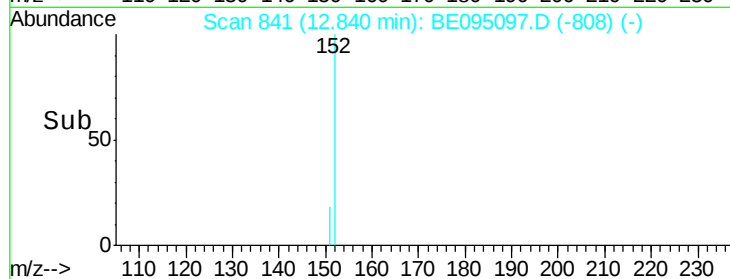
3000

2000

1000

0

Time--> 12.70 12.80 12.90 13.00



#12

2-Methylnaphthalene

Concen: 0.403 ng

RT: 12.91 min Scan# 852

Delta R.T. -0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

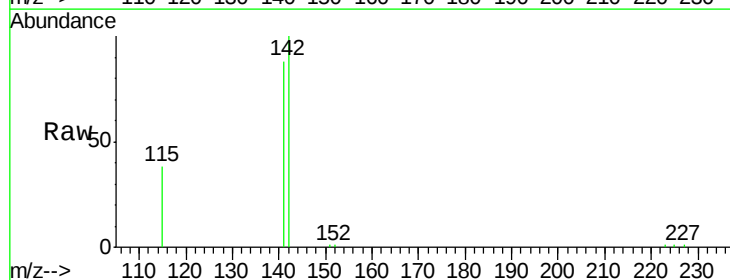
Tgt Ion:142 Resp: 10913

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6

115 37.7 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

12.91

8000

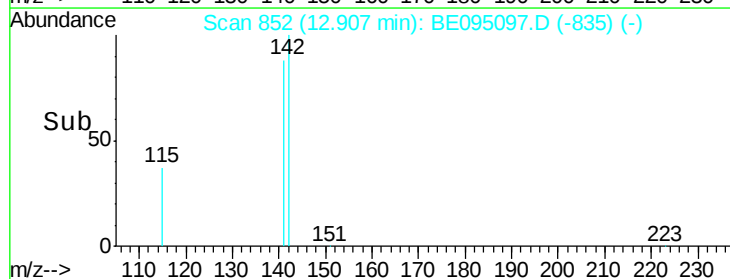
6000

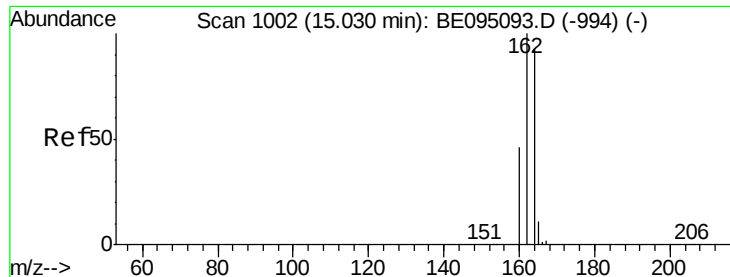
4000

2000

0

Time--> 12.85 12.90 12.95 13.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_E

ClientSampleId :

ICVBE012318

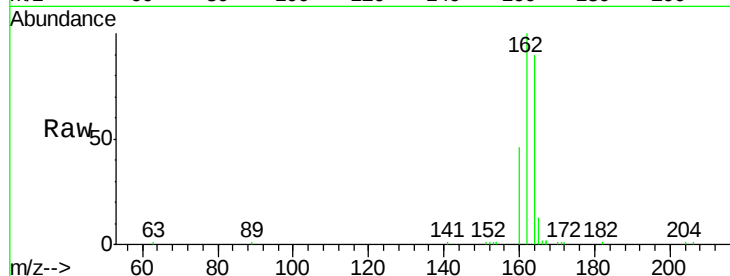
Tgt Ion:164 Resp: 7780

Ion Ratio Lower Upper

164 100

162 110.8 83.1 124.7

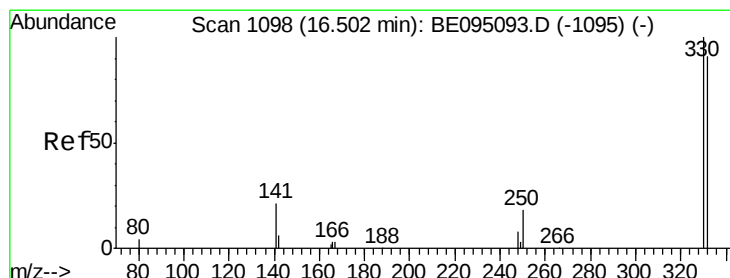
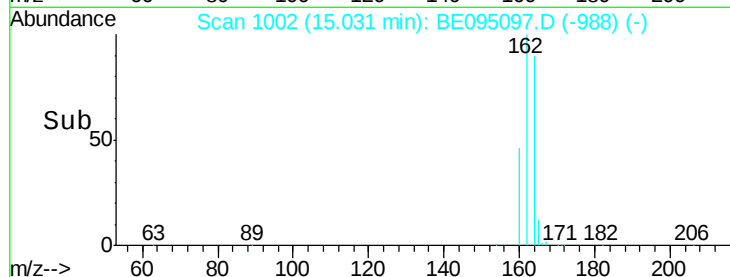
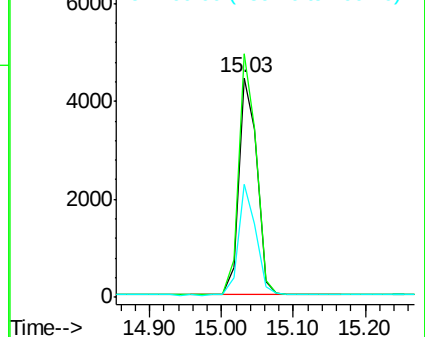
160 51.2 37.1 55.7



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: 0.359 ng

RT: 16.50 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

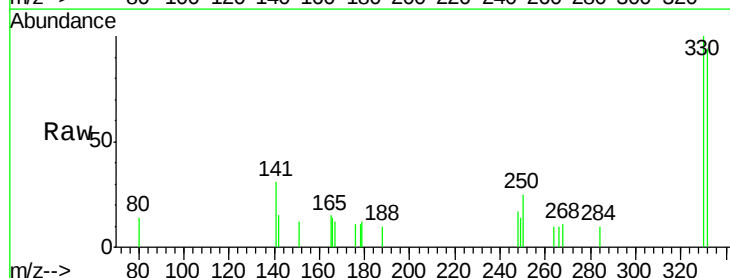
Tgt Ion:330 Resp: 694

Ion Ratio Lower Upper

330 100

332 96.8 152.7 229.1#

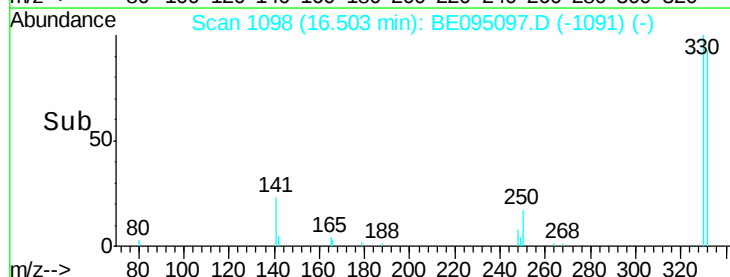
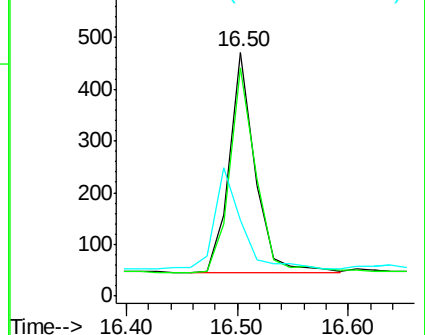
141 48.0 33.7 50.5

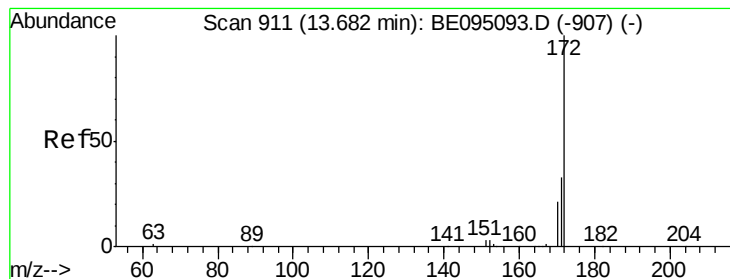


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.415 ng

RT: 13.68 min Scan# 911

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_E

ClientSampleId :

ICVBE012318

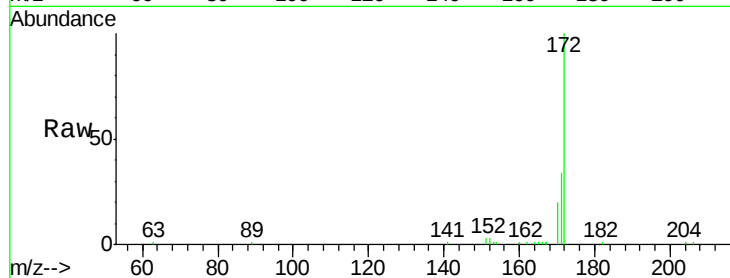
Tgt Ion:172 Resp: 14184

Ion Ratio Lower Upper

172 100

171 33.6 29.9 44.9

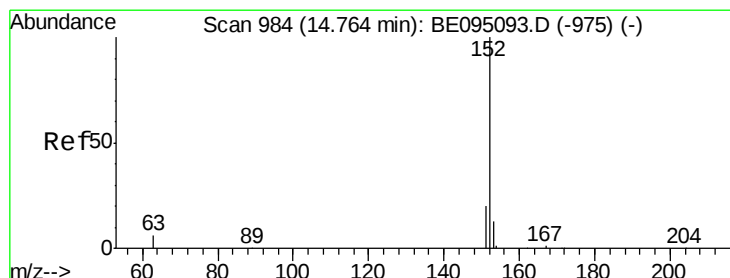
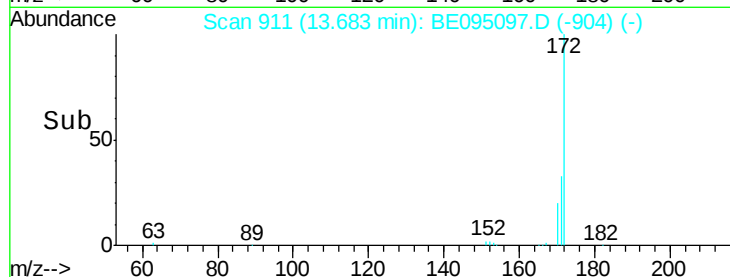
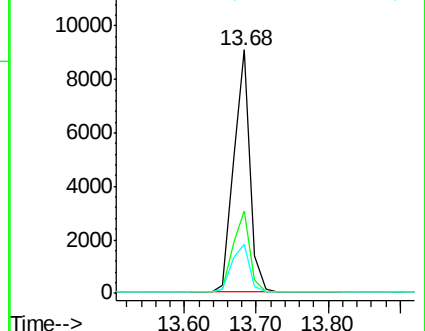
170 20.1 21.8 32.8#



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.392 ng

RT: 14.76 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

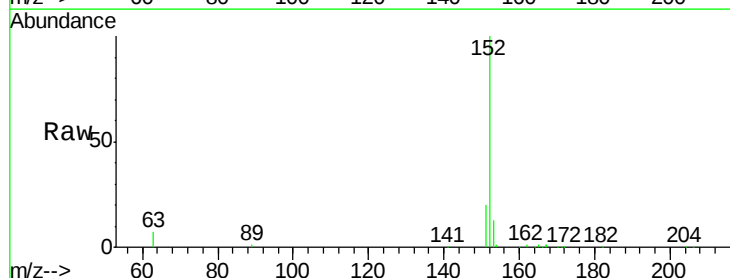
Tgt Ion:152 Resp: 16310

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

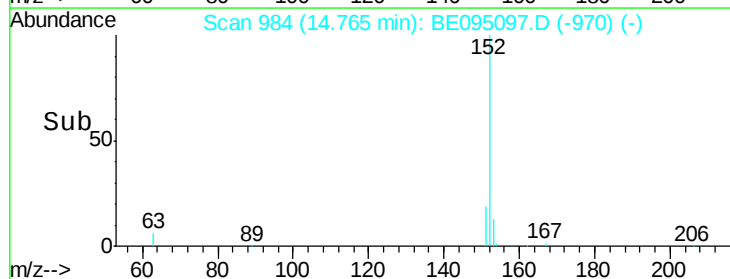
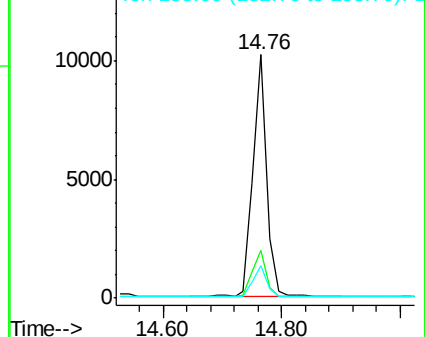
153 13.2 10.5 15.7

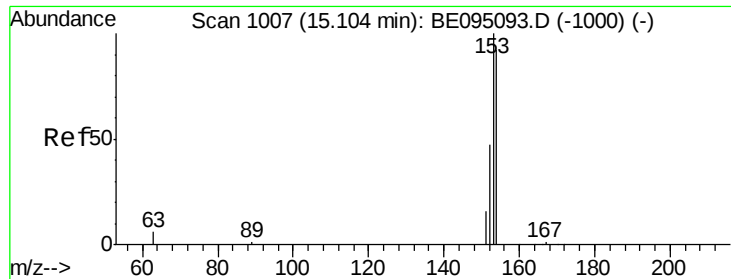


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

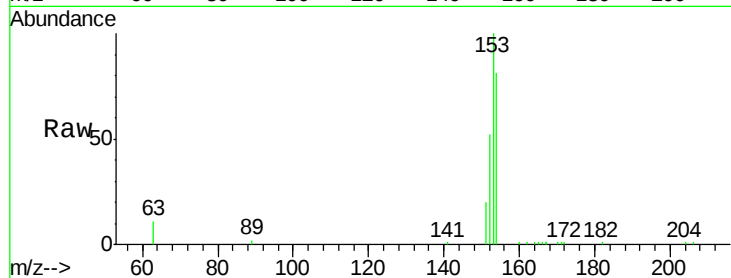




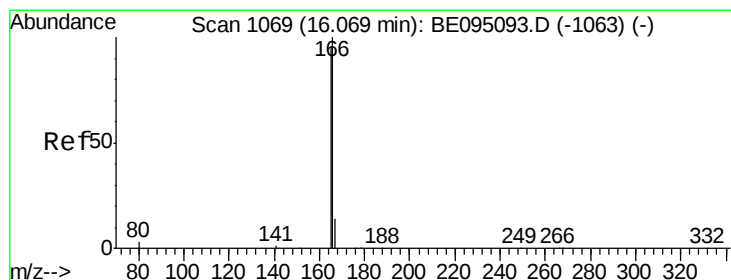
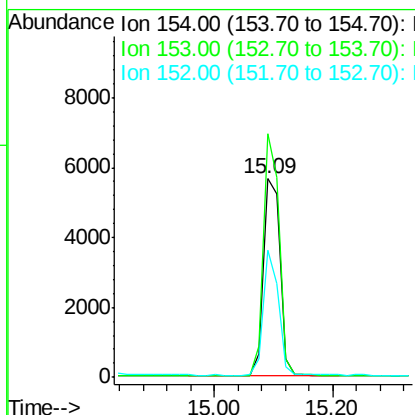
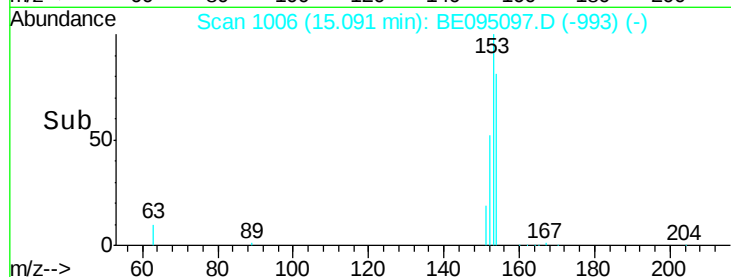
#17
Acenaphthene
Concen: 0.397 ng
RT: 15.09 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BE095097.D
Acq: 23 Jan 2018 15:00

Instrument :
BNA_E
ClientSampleId :
ICVBE012318

Tgt Ion:154 Resp: 10764
Ion Ratio Lower Upper
154 100
153 116.2 89.2 133.8
152 58.2 42.0 63.0

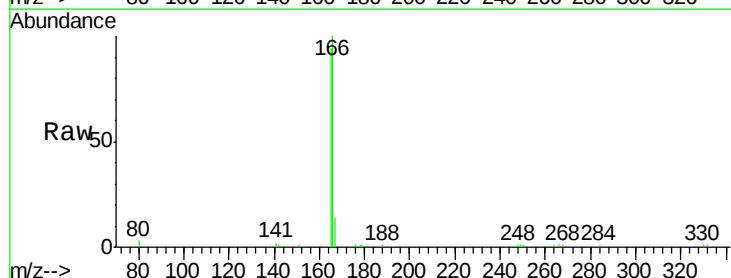


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

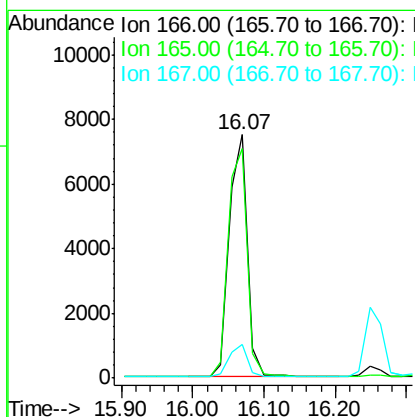
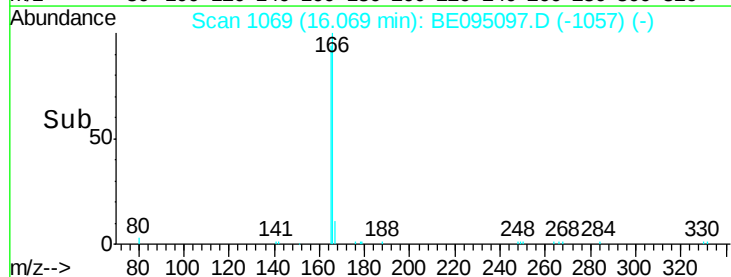


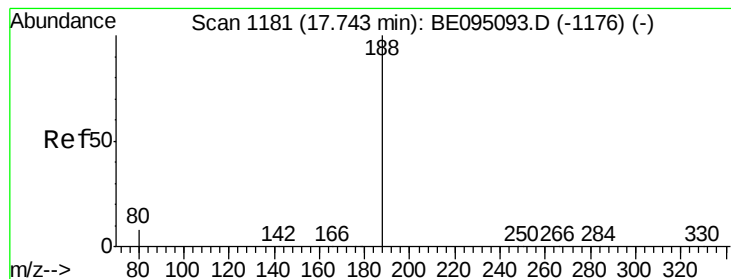
#18
Fluorene
Concen: 0.389 ng
RT: 16.07 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE095097.D
Acq: 23 Jan 2018 15:00

Tgt Ion:166 Resp: 13173
Ion Ratio Lower Upper
166 100
165 98.9 77.8 116.6
167 13.3 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: 17.74 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_E

ClientSampleId :

ICVBE012318

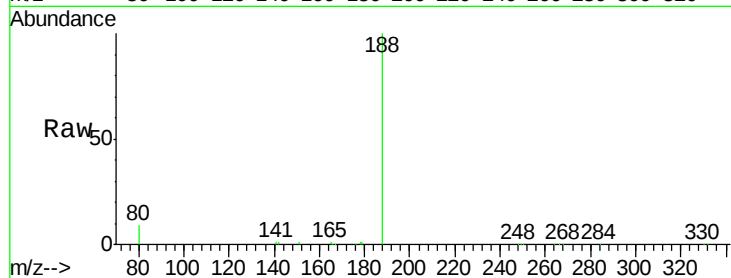
Tgt Ion:188 Resp: 17672

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

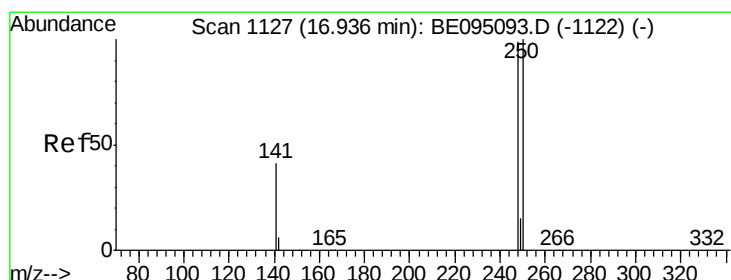
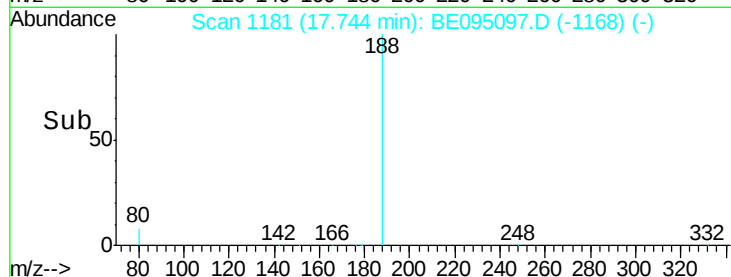
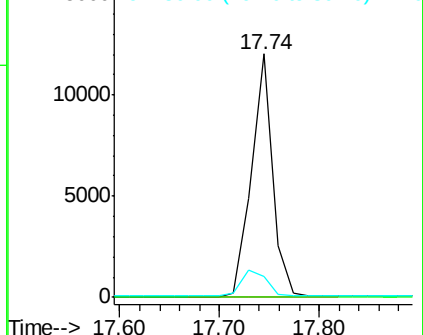
80 8.6 3.6 5.4#



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: 0.394 ng

RT: 16.94 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

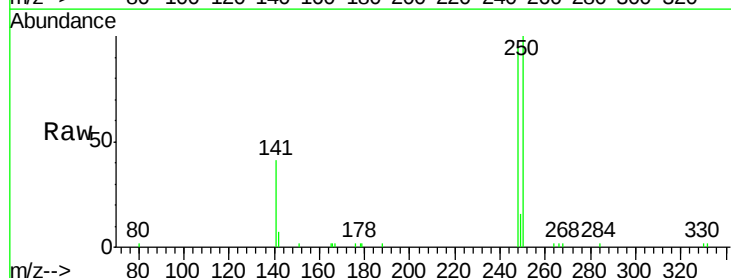
Tgt Ion:248 Resp: 4095

Ion Ratio Lower Upper

248 100

250 104.9 62.7 94.1#

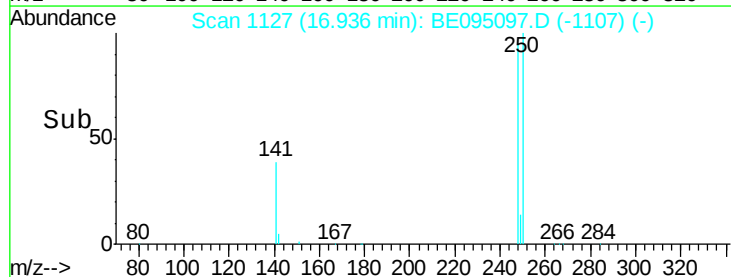
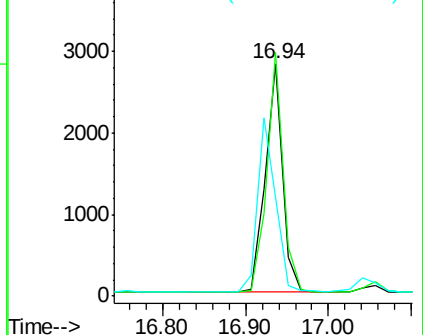
141 42.6 48.2 72.2#

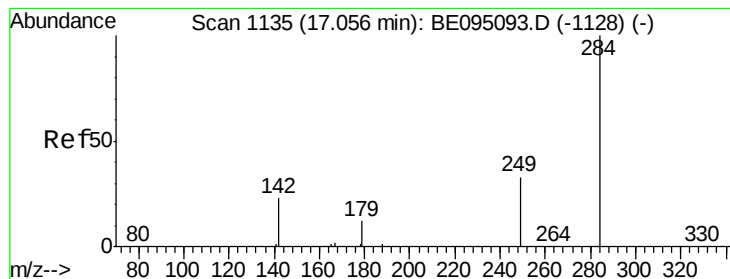


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.402 ng

RT: 17.06 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_E

ClientSampleId :

ICVBE012318

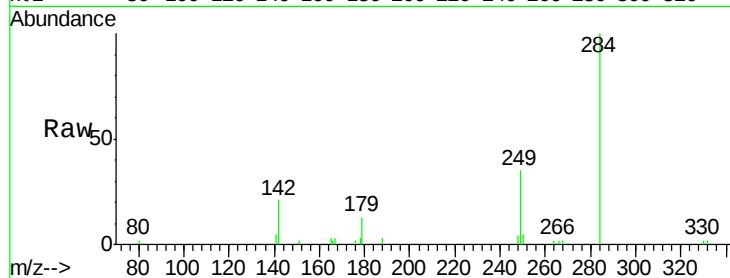
Tgt Ion:284 Resp: 4198

Ion Ratio Lower Upper

284 100

142 40.2 22.1 33.1#

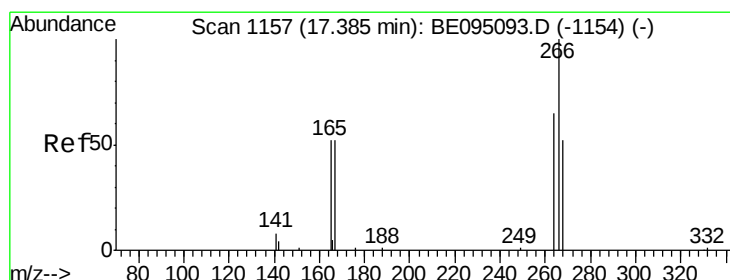
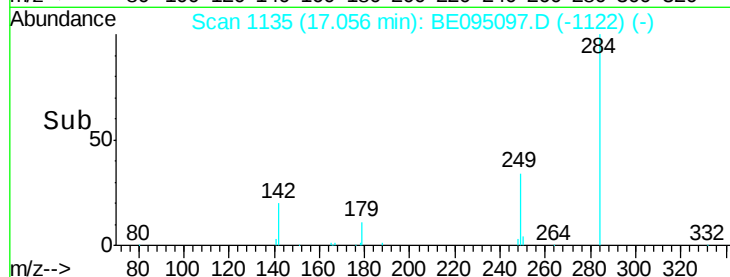
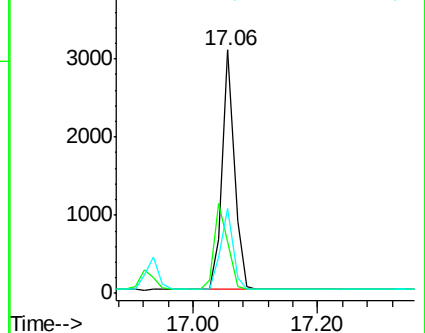
249 34.8 34.8 52.2



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: 0.356 ng

RT: 17.39 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

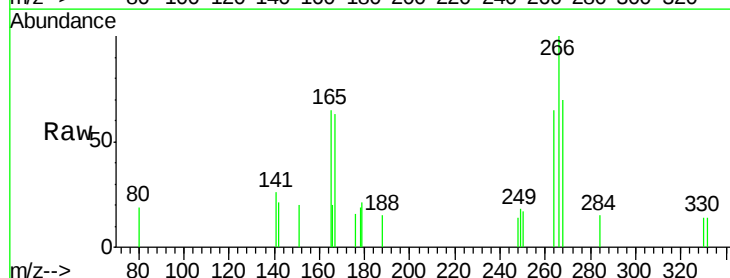
Tgt Ion:266 Resp: 713

Ion Ratio Lower Upper

266 100

264 65.4 72.5 108.7#

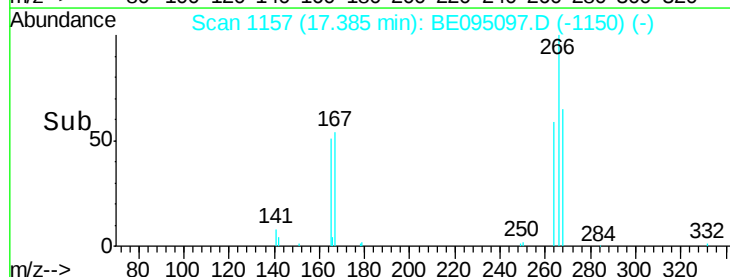
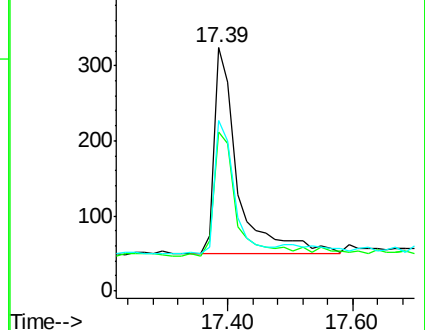
268 70.1 73.8 110.6#

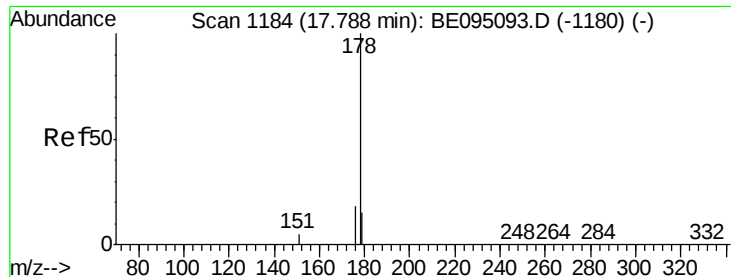


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.402 ng

RT: 17.79 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_E

ClientSampleId :

ICVBE012318

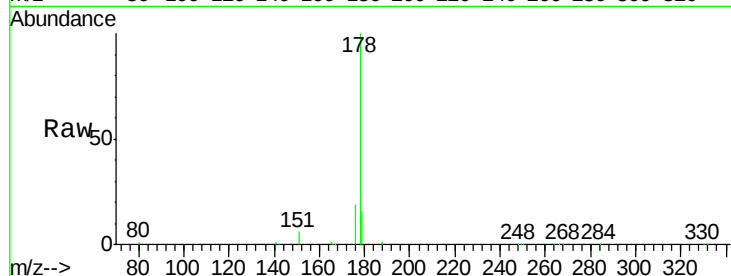
Tgt Ion:178 Resp: 21960

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

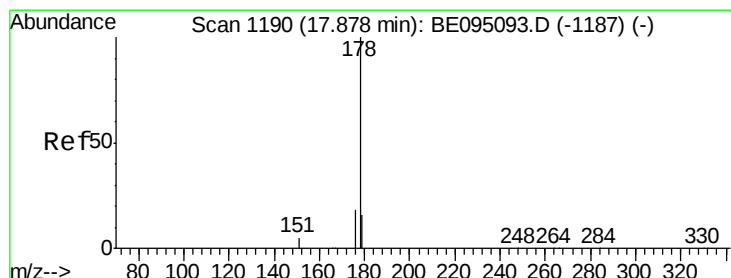
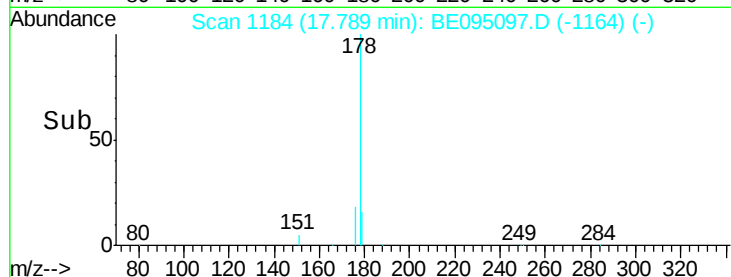
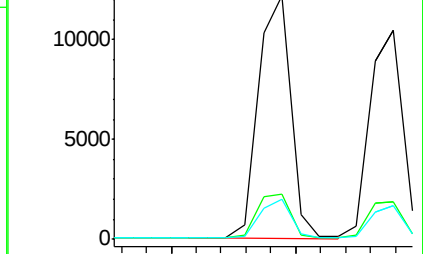
179 15.9 11.8 17.6



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: 0.393 ng

RT: 17.88 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

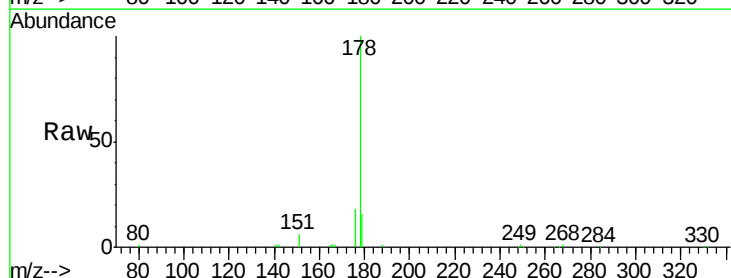
Tgt Ion:178 Resp: 19125

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

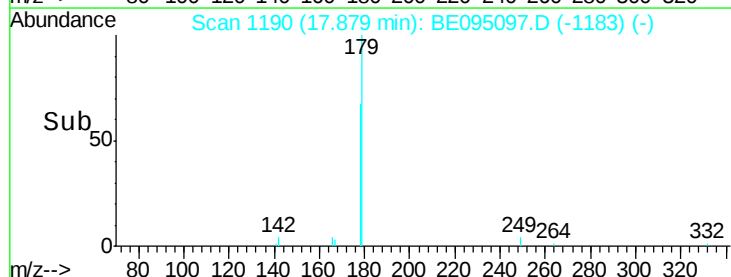
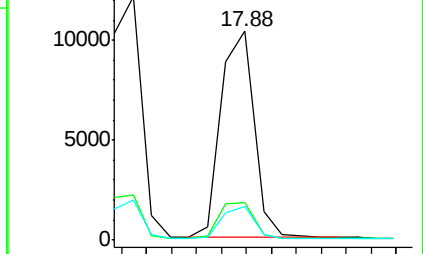
179 15.6 13.0 19.6

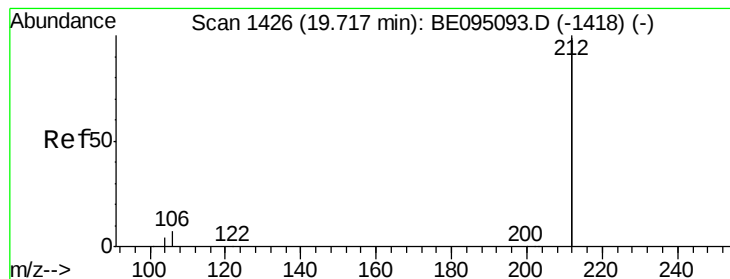


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.72 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_E

ClientSampleId :

ICVBE012318

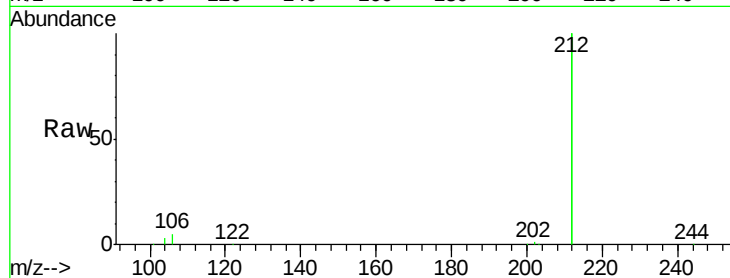
Tgt Ion:212 Resp: 86563

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

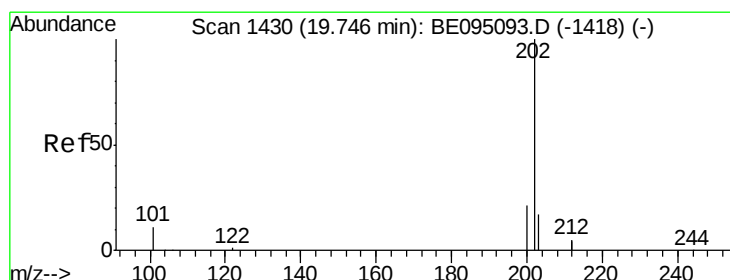
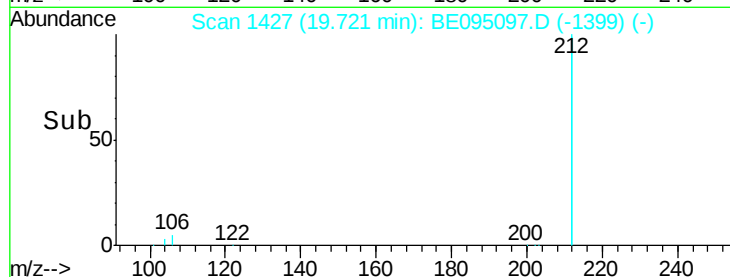
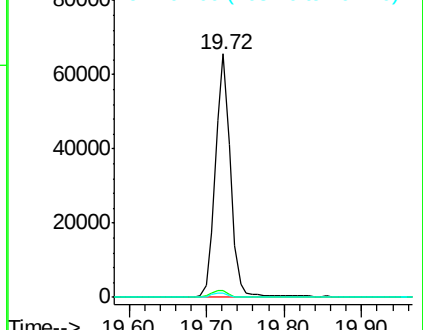
104 1.8 1.6 2.4



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: 0.394 ng

RT: 19.75 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

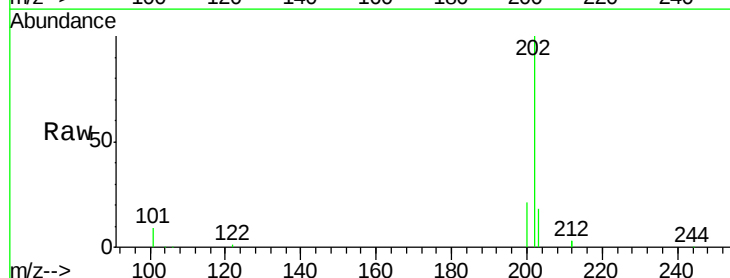
Tgt Ion:202 Resp: 25838

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.8

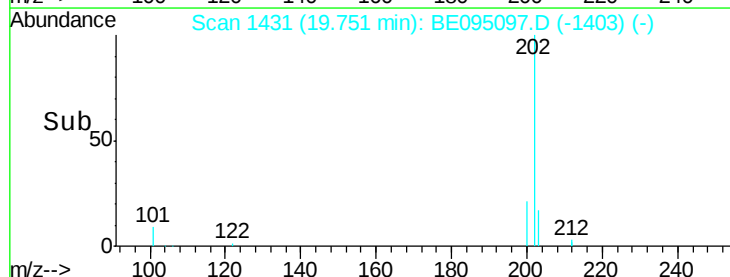
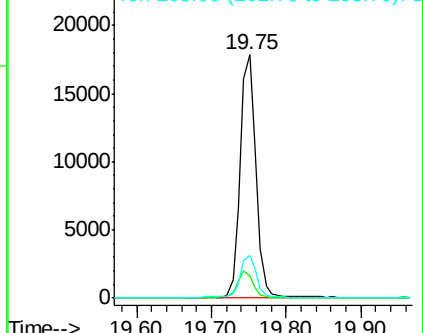
203 17.3 13.7 20.5

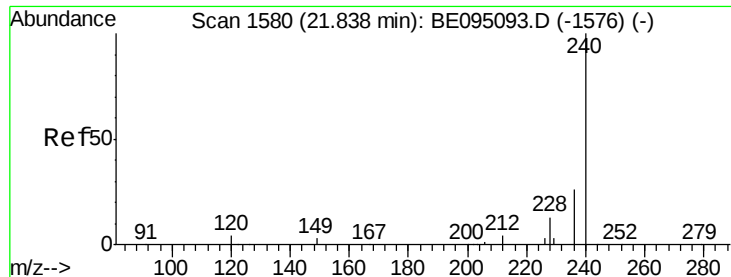


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.84 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_E

ClientSampleId :

ICVBE012318

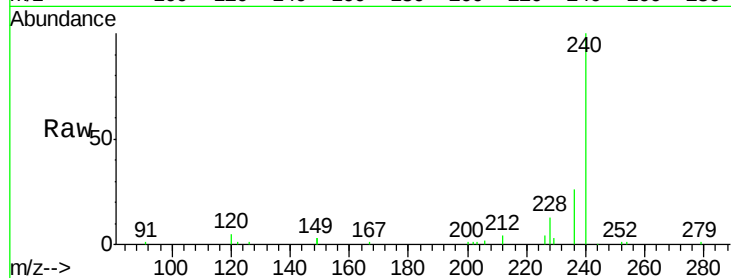
Tgt Ion:240 Resp: 17833

Ion Ratio Lower Upper

240 100

120 5.4 5.5 8.3#

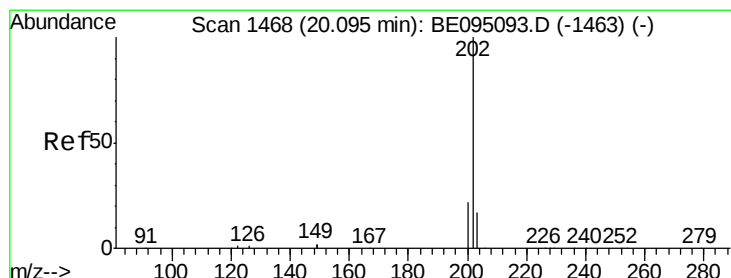
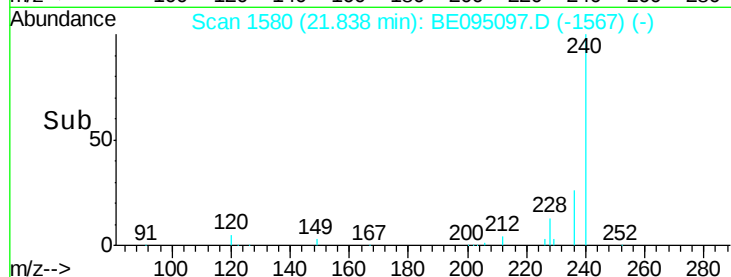
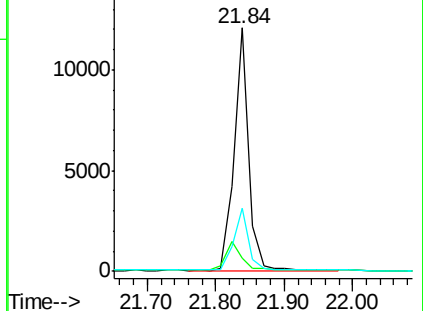
236 26.1 20.7 31.1



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: 0.366 ng

RT: 20.10 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

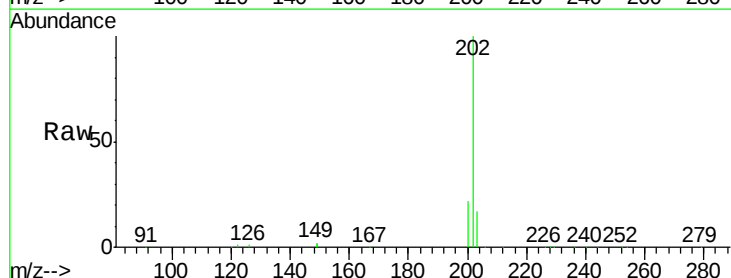
Tgt Ion:202 Resp: 27600

Ion Ratio Lower Upper

202 100

200 23.7 16.6 25.0

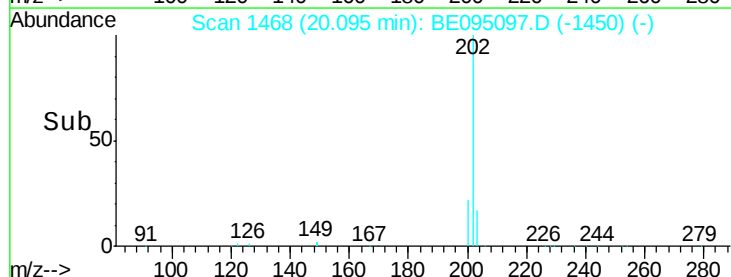
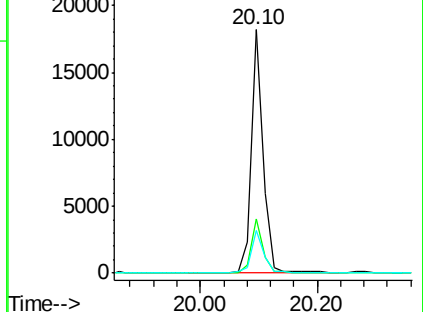
203 19.2 13.8 20.8

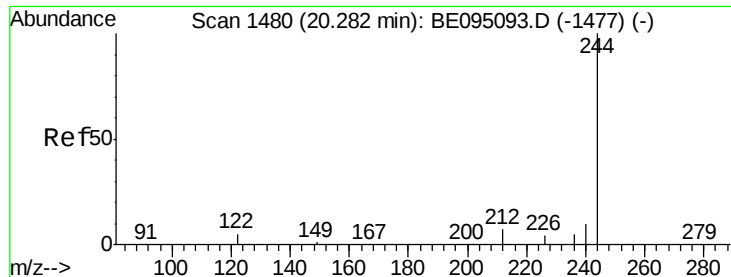


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 20.28 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_E

ClientSampleId :

ICVBE012318

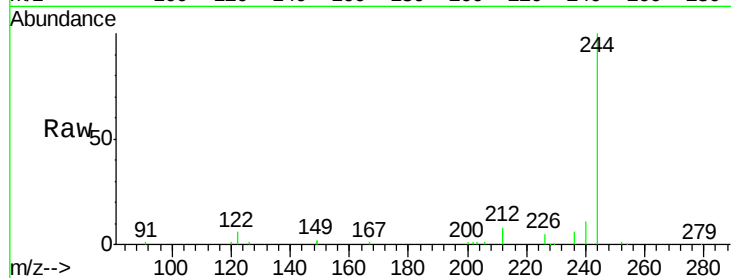
Tgt Ion:244 Resp: 14266

Ion Ratio Lower Upper

244 100

212 8.0 25.4 38.0#

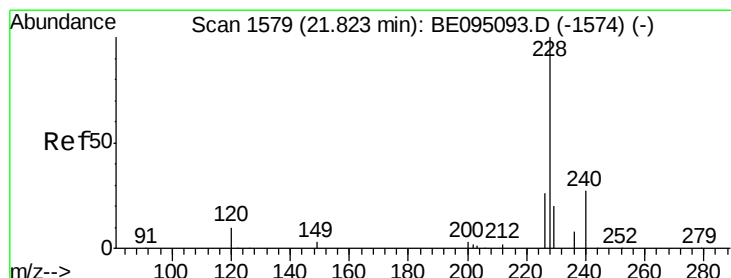
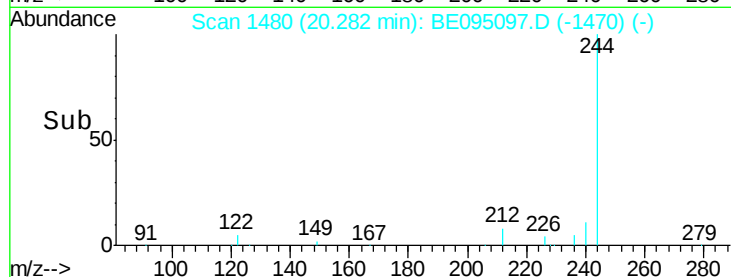
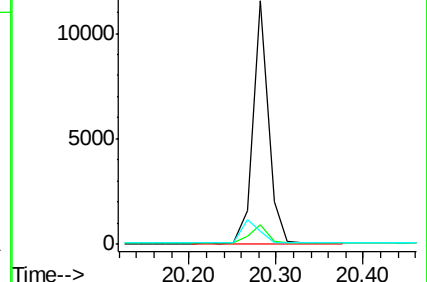
122 5.5 8.1 12.1#



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: 0.369 ng

RT: 21.82 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

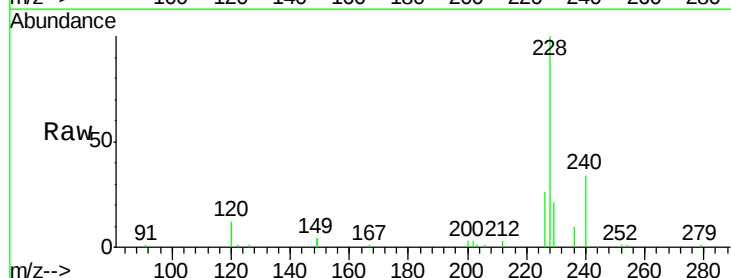
Tgt Ion:228 Resp: 20581

Ion Ratio Lower Upper

228 100

226 26.1 24.0 36.0

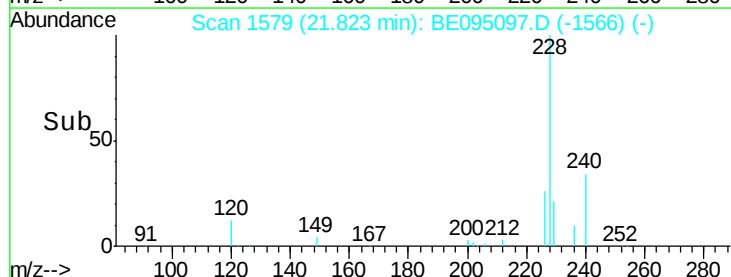
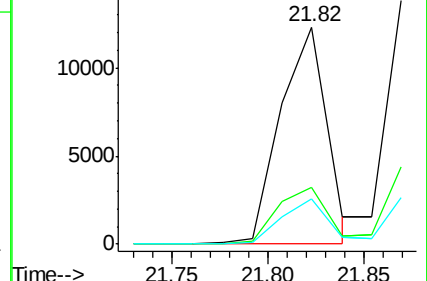
229 21.1 16.0 24.0

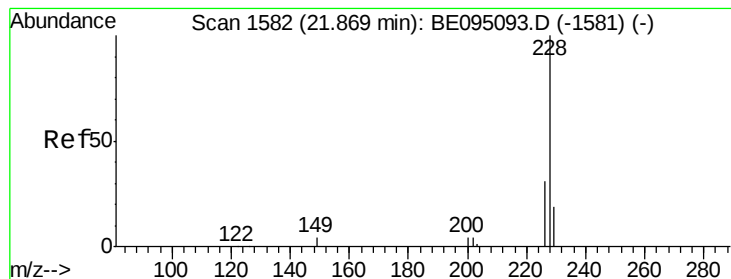


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.398 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_E

ClientSampleId :

ICVBE012318

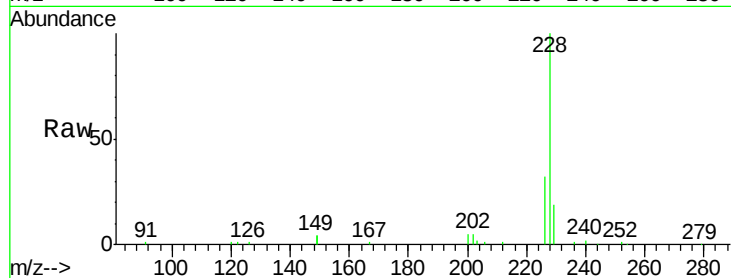
Tgt Ion:228 Resp: 22434

Ion Ratio Lower Upper

228 100

226 31.6 24.0 36.0

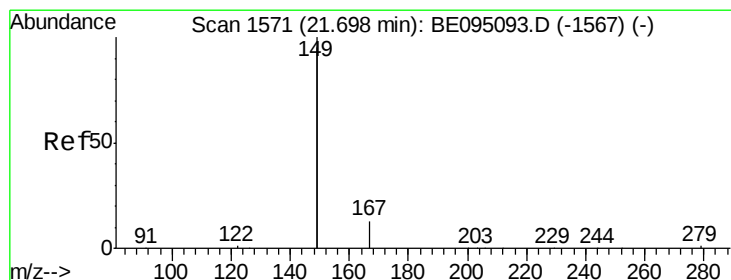
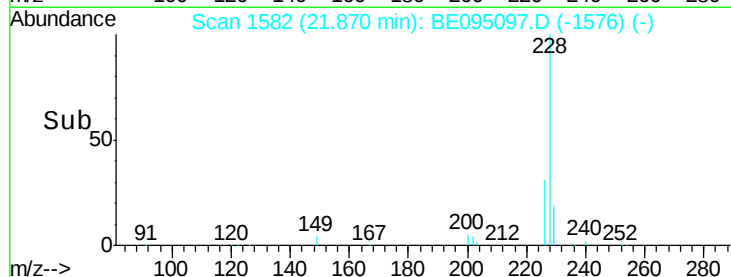
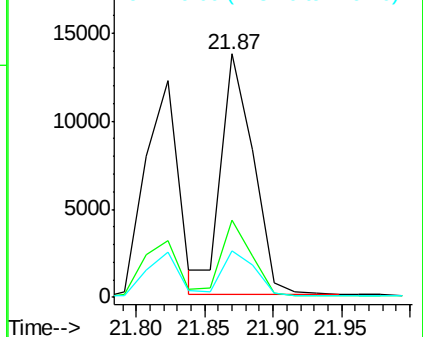
229 19.0 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.317 ng

RT: 21.70 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

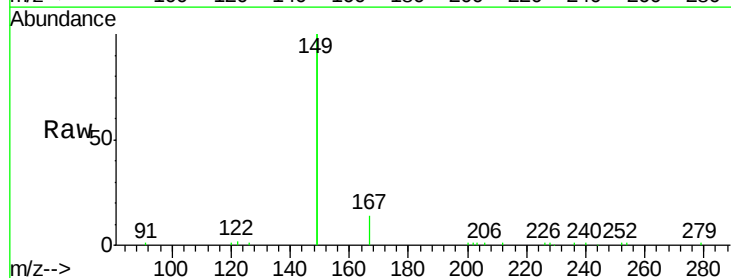
Tgt Ion:149 Resp: 24560

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

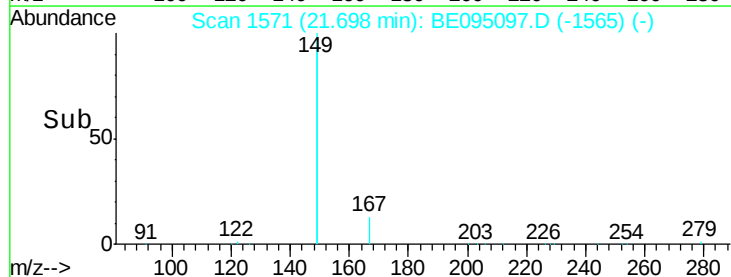
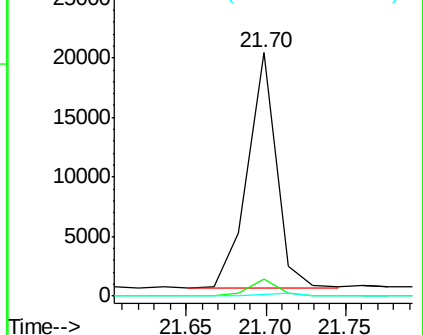
279 0.8 0.7 1.1

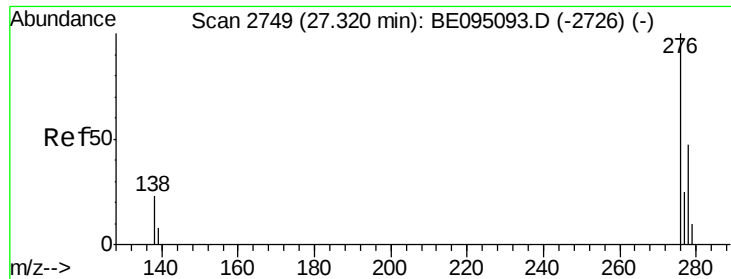


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

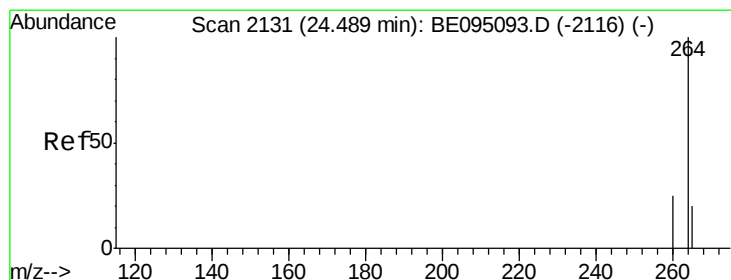
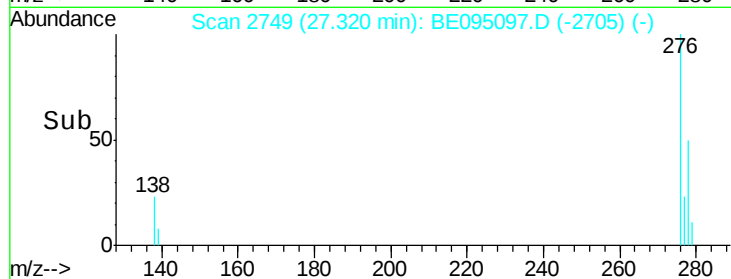
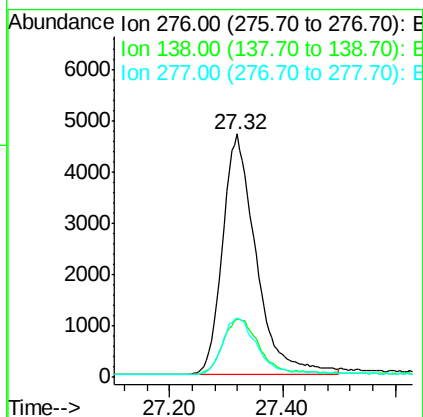
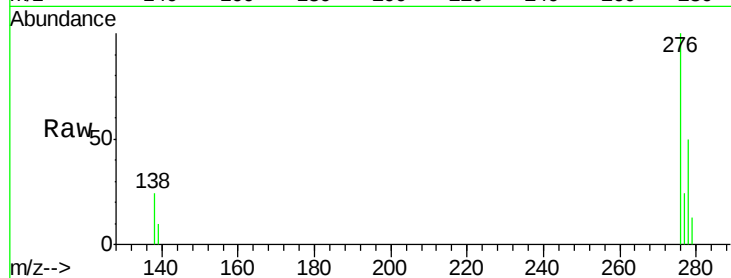




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.370 ng
 RT: 27.32 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: BE095097.D
 Acq: 23 Jan 2018 15:00

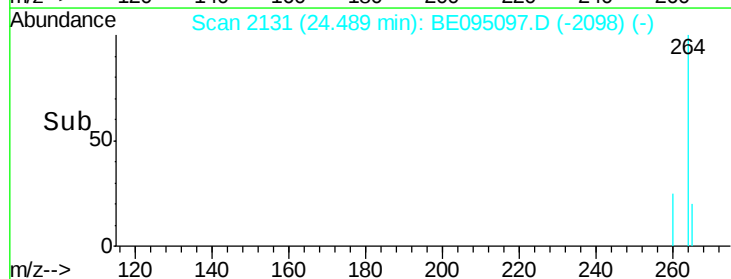
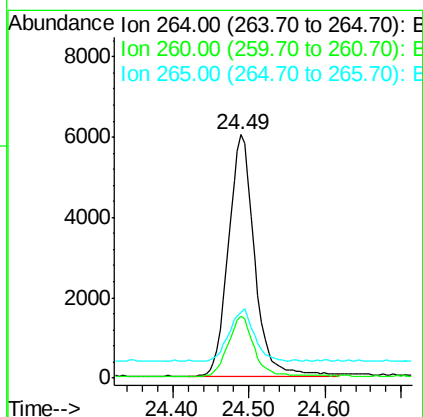
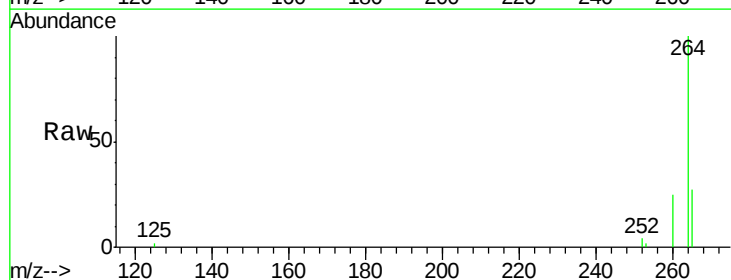
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE012318

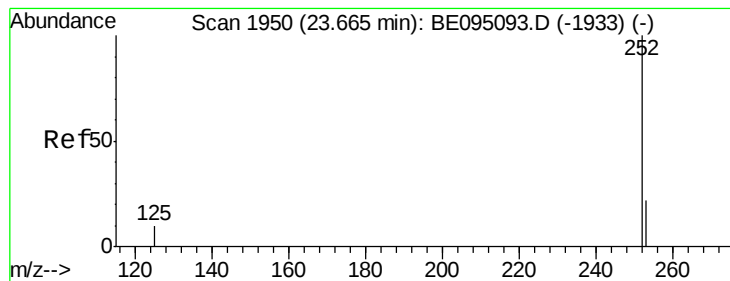
Tgt Ion:276 Resp: 18979
 Ion Ratio Lower Upper
 276 100
 138 24.5 22.5 33.7
 277 23.7 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.49 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BE095097.D
 Acq: 23 Jan 2018 15:00

Tgt Ion:264 Resp: 14372
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.5 30.7
 265 26.9 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.407 ng

RT: 23.67 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_E

ClientSampleId :

ICVBE012318

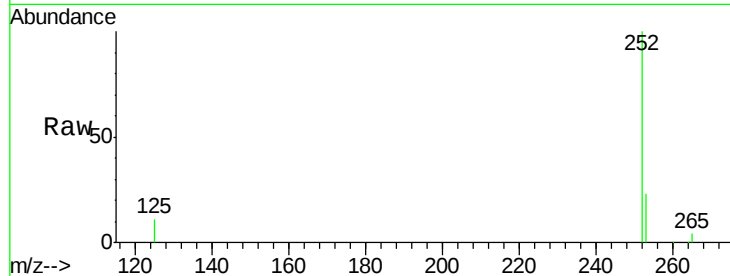
Tgt Ion:252 Resp: 20730

Ion Ratio Lower Upper

252 100

253 22.8 20.0 30.0

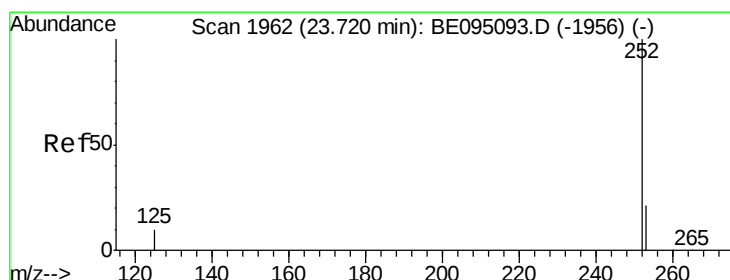
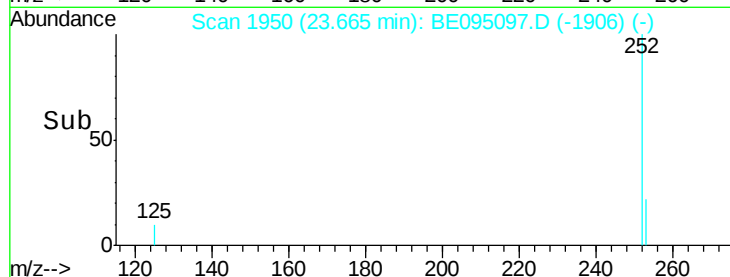
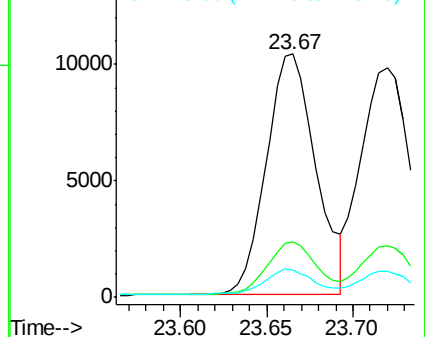
125 11.2 16.0 24.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.390 ng

RT: 23.72 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

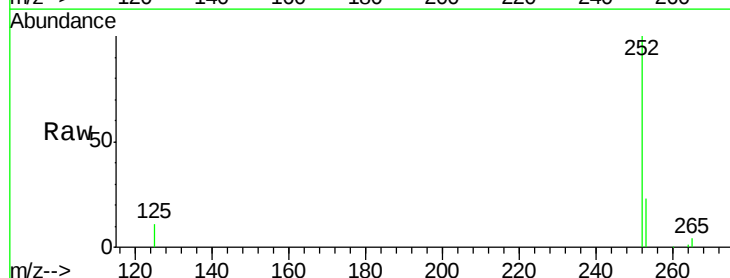
Tgt Ion:252 Resp: 20341

Ion Ratio Lower Upper

252 100

253 22.6 16.0 24.0

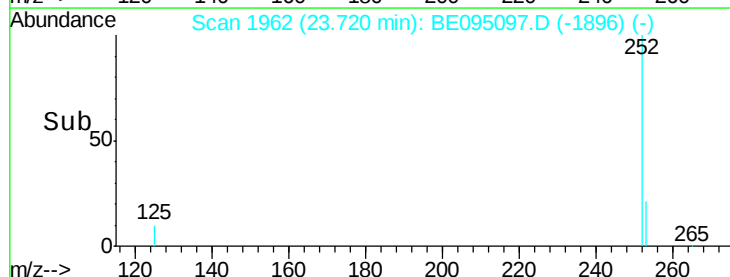
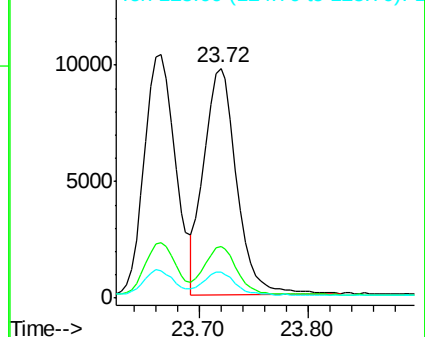
125 11.1 8.0 12.0

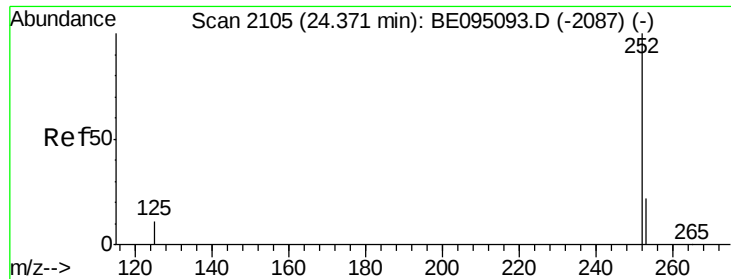


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.385 ng

RT: 24.37 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_E

ClientSampleId :

ICVBE012318

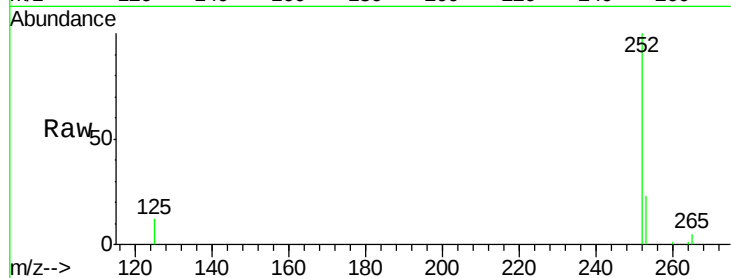
Tgt Ion:252 Resp: 17982

Ion Ratio Lower Upper

252 100

253 23.3 16.0 24.0

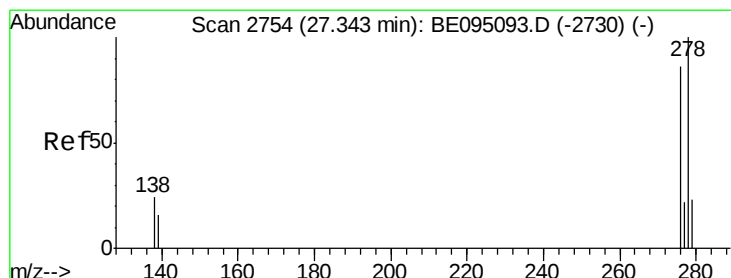
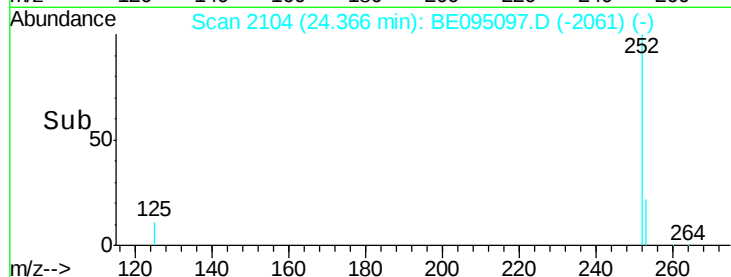
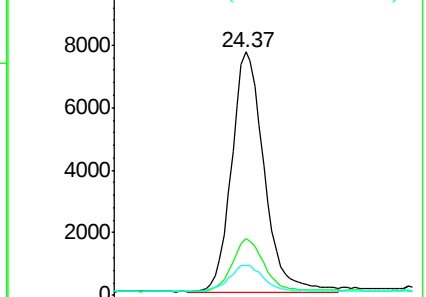
125 12.4 12.0 18.0



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: 0.375 ng

RT: 27.34 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BE095097.D

Acq: 23 Jan 2018 15:00

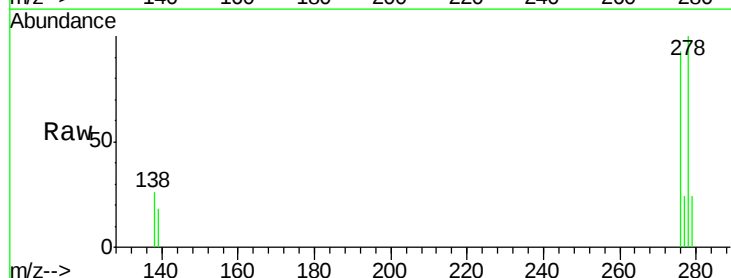
Tgt Ion:278 Resp: 14755

Ion Ratio Lower Upper

278 100

139 18.1 16.0 24.0

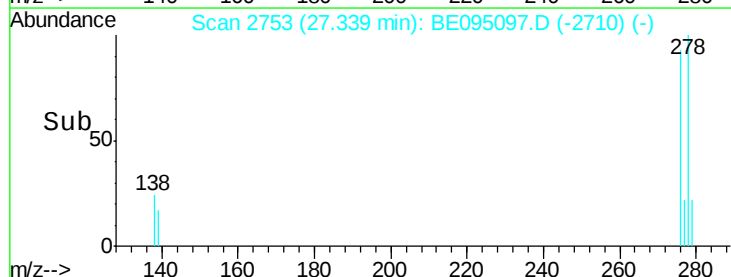
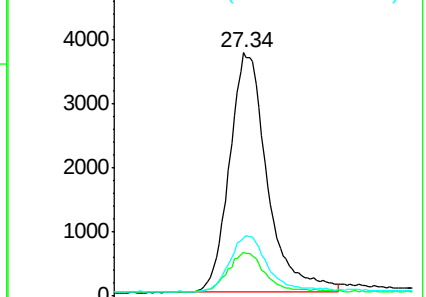
279 24.1 20.0 30.0

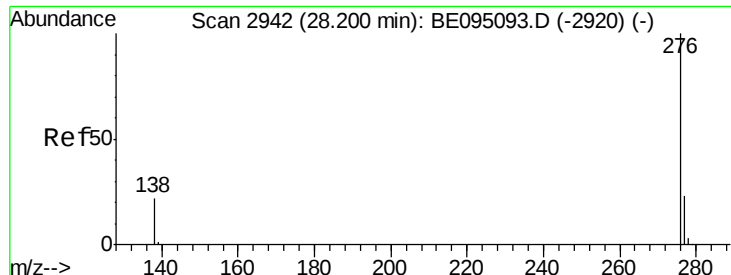


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.392 ng

RT: 28.20 min Scan# 2942

Delta R.T. 0.00 min

Lab File: BE095097.D

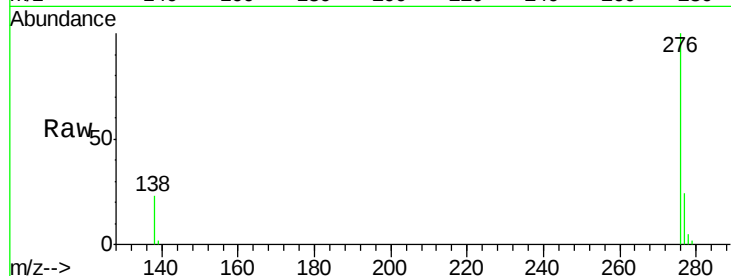
Acq: 23 Jan 2018 15:00

Instrument :

BNA_E

ClientSampleId :

ICVBE012318



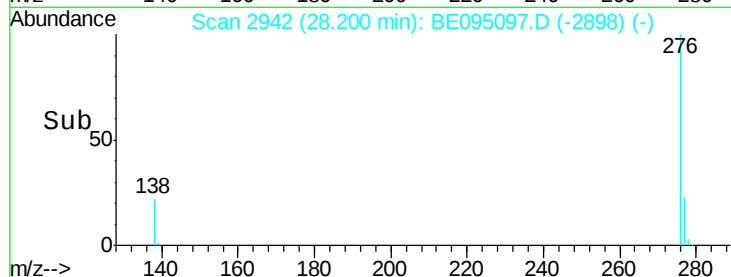
Tgt Ion: 276 Resp: 16713

Ion Ratio Lower Upper

276 100

277 24.0 16.0 24.0

138 23.0 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

