

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040418\
 Data File : BE095939.D
 Acq On : 4 Apr 2018 10:06
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 05 02:46:24 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	1300	0.40	ng	-0.01
7) Naphthalene-d8	11.26	136	5423	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	3237	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	7700	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	8314	0.40	ng	-0.01
34) Perylene-d12	24.42	264	8005	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	1606	0.37	ng	-0.01
5) Phenol-d6	7.56	99	2492	0.42	ng	-0.01
8) Nitrobenzene-d5	9.59	82	2517	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	3742	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	661	0.35	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	5537	0.41	ng	-0.01
25) Fluoranthene-d10	19.68	212	42805	0.37	ng	0.00
29) Terphenyl-d14	20.24	244	7080	0.40	ng	0.00

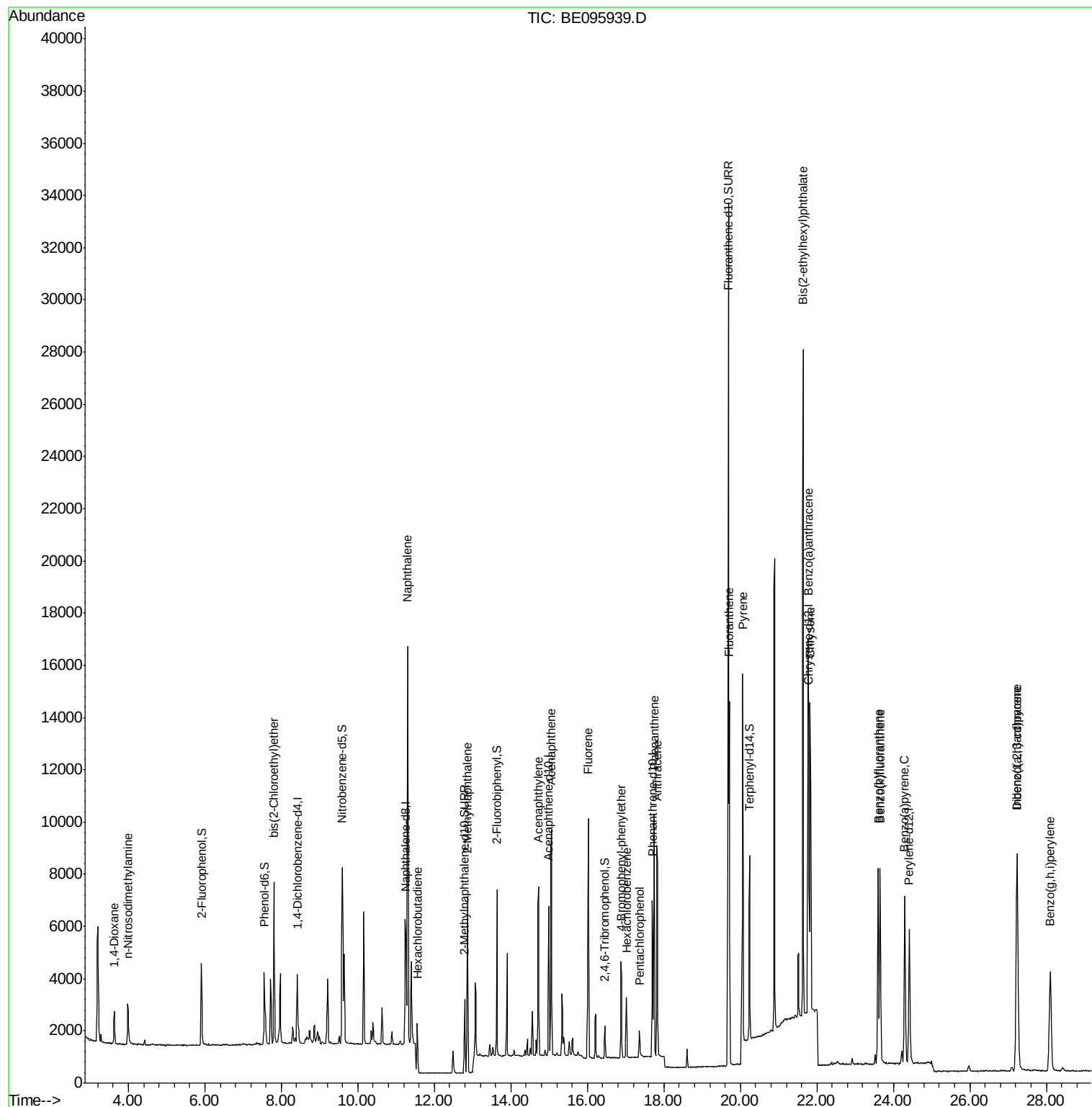
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.63	88	771	0.362	ng	# 88
3) n-Nitrosodimethylamine	3.98	42	1199	0.384	ng	83
6) bis(2-Chloroethyl)ether	7.81	93	2099	0.413	ng	94
9) Naphthalene	11.29	128	25994	0.420	ng	99
10) Hexachlorobutadiene	11.55	225	1595	0.375	ng	96
12) 2-Methylnaphthalene	12.86	142	4479	0.423	ng	95
16) Acenaphthylene	14.73	152	7745	0.418	ng	100
17) Acenaphthene	15.06	154	4669	0.413	ng	94
18) Fluorene	16.02	166	6068	0.409	ng	# 79
20) 4-Bromophenyl-phenylether	16.89	248	1871	0.404	ng	# 76
21) Hexachlorobenzene	17.02	284	1893	0.410	ng	# 82
22) Pentachlorophenol	17.36	266	598	0.473	ng	# 78
23) Phenanthrene	17.74	178	9636	0.418	ng	99
24) Anthracene	17.82	178	9365	0.406	ng	95
26) Fluoranthene	19.71	202	12234	0.382	ng	98
28) Pyrene	20.06	202	15683	0.463	ng	97
30) Benzo(a)anthracene	21.78	228	11804	0.409	ng	97
31) Chrysene	21.83	228	11005	0.418	ng	97
32) Bis(2-ethylhexyl)phthalate	21.64	149	32332	0.367	ng	100
33) Indeno(1,2,3-cd)pyrene	27.23	276	11776	0.415	ng	95
35) Benzo(b)fluoranthene	23.60	252	10933	0.413	ng	# 91
36) Benzo(k)fluoranthene	23.66	252	11097	0.419	ng	93
37) Benzo(a)pyrene	24.30	252	10245	0.413	ng	# 93
38) Dibenzo(a,h)anthracene	27.24	278	9685	0.411	ng	95
39) Benzo(g,h,i)perylene	28.10	276	9877	0.417	ng	# 92

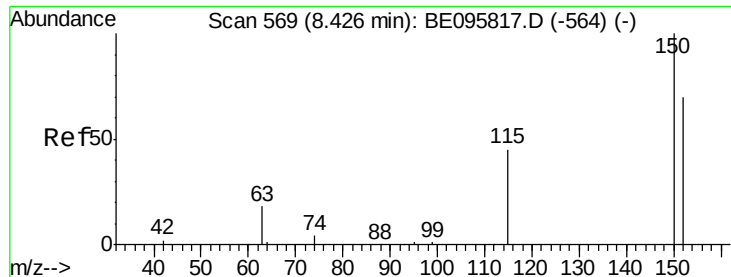
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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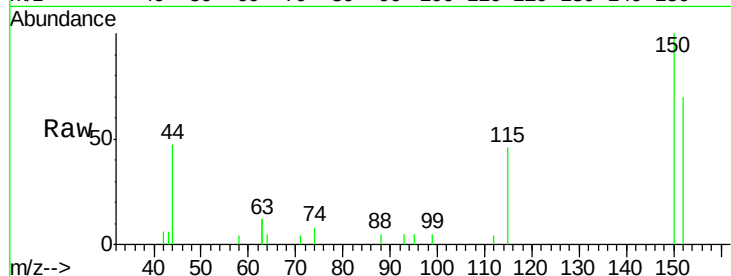


#1

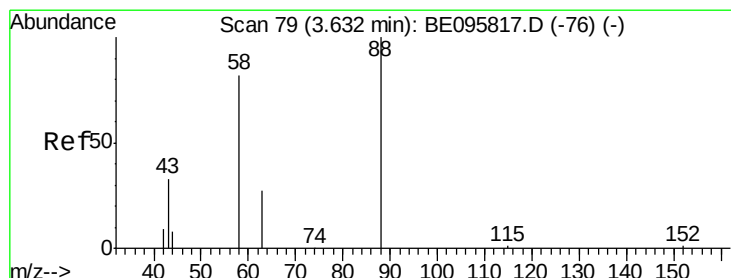
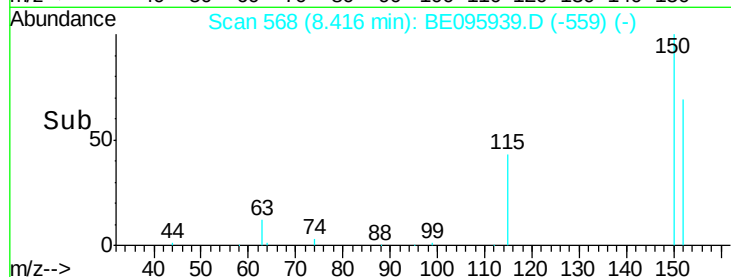
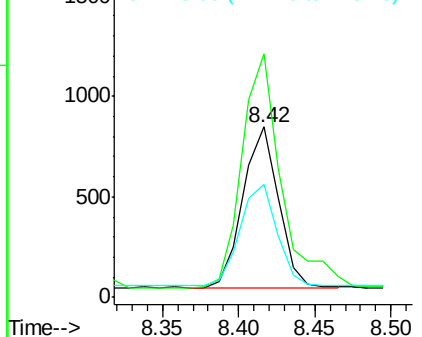
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095939.D
Acq: 4 Apr 2018 10:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1300
Ion Ratio Lower Upper
152 100
150 143.1 117.2 175.8
115 66.5 57.0 85.6



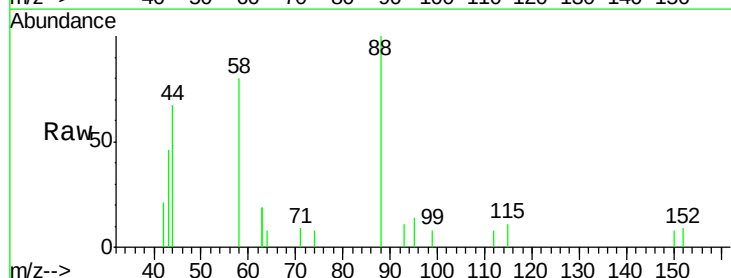
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



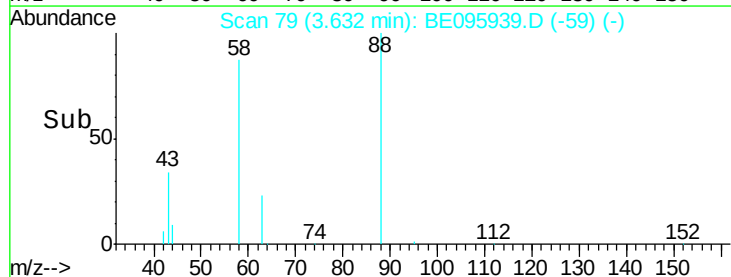
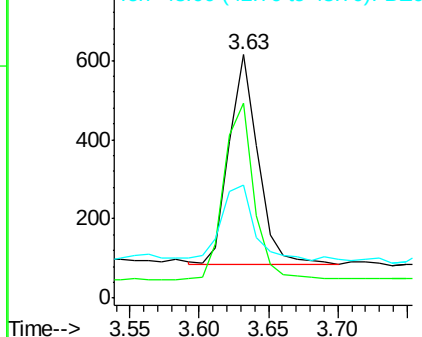
#2

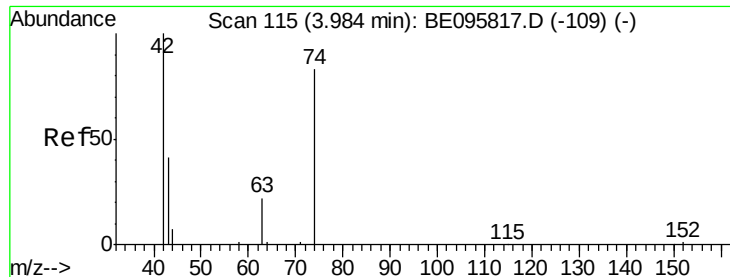
1,4-Dioxane
Concen: 0.362 ng
RT: 3.63 min Scan# 79
Delta R.T. -0.00 min
Lab File: BE095939.D
Acq: 4 Apr 2018 10:06

Tgt Ion: 88 Resp: 771
Ion Ratio Lower Upper
88 100
58 88.1 63.2 94.8
43 41.0 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



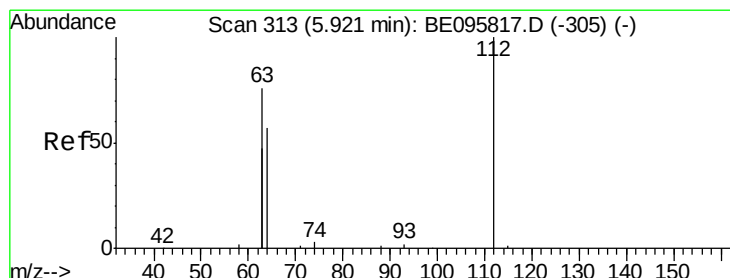
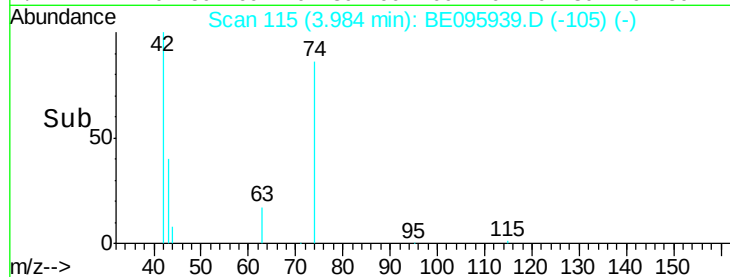
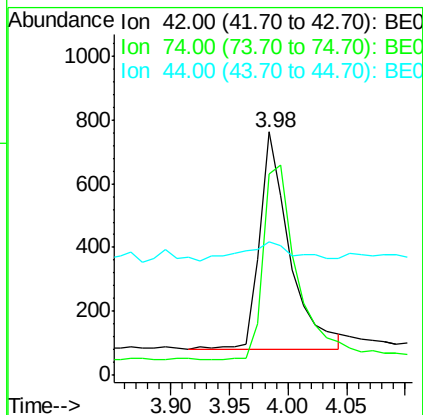
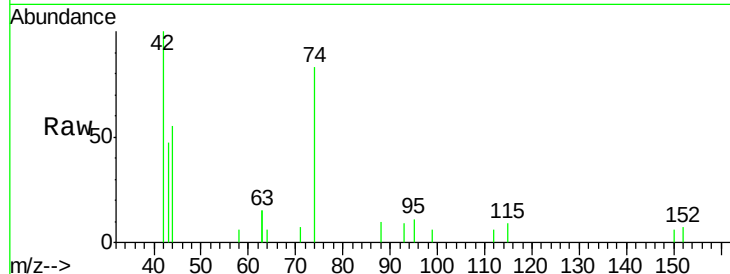


#3

n-Nitrosodimethylamine
 Concen: 0.384 ng
 RT: 3.98 min Scan# 115
 Delta R.T. -0.00 min
 Lab File: BE095939.D
 Acq: 4 Apr 2018 10:06

Instrument :
 BNA_E
 ClientSampled :

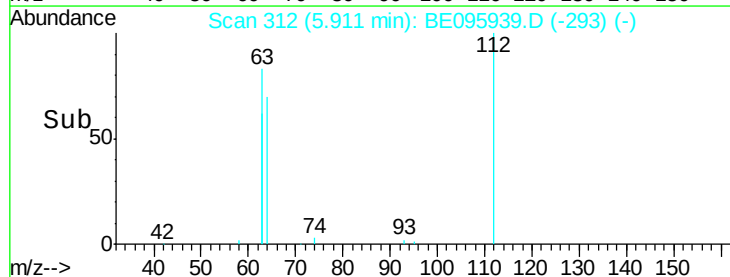
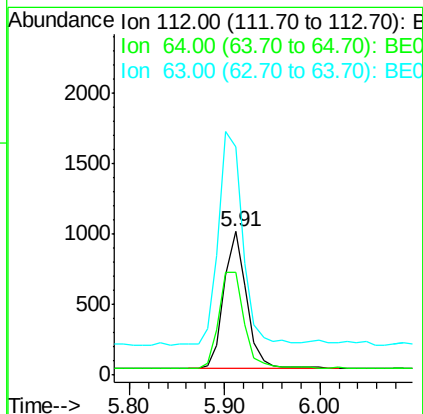
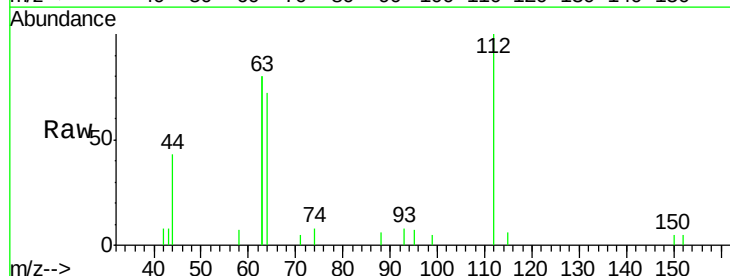
Tot Ion: 42 Resp: 1199
 Ion Ratio Lower Upper
 42 100
 74 99.2 96.0 144.0
 44 13.8 12.0 18.0

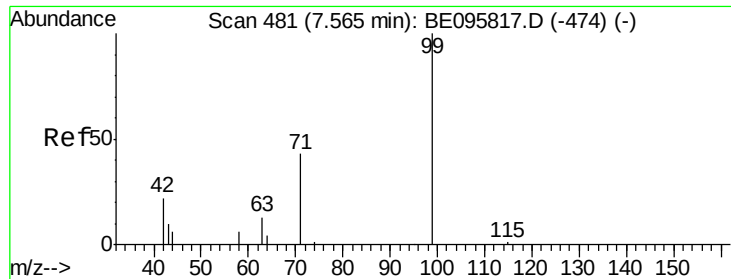


#4

2-Fluorophenol
 Concen: 0.375 ng
 RT: 5.91 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095939.D
 Acq: 4 Apr 2018 10:06

Tgt Ion: 112 Resp: 1606
 Ion Ratio Lower Upper
 112 100
 64 79.3 60.1 90.1
 63 163.3 116.8 175.2





#5

Phenol-d6

Concen: 0.423 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

Instrument :

BNA_E

ClientSampleId :

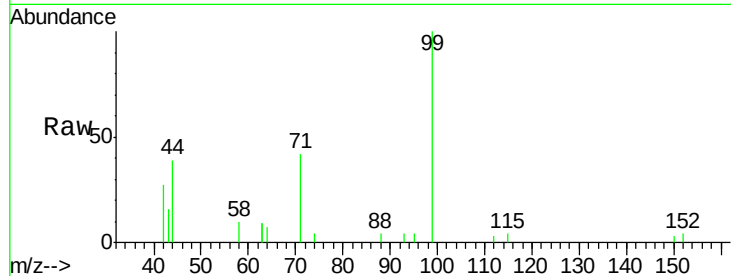
Tot Ion: 99 Resp: 2492

Ion Ratio Lower Upper

99 100

42 26.1 20.2 30.2

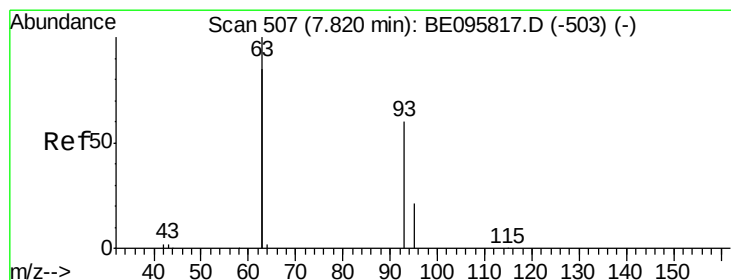
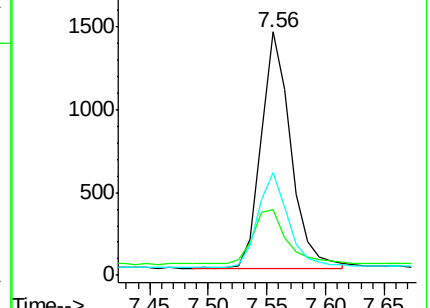
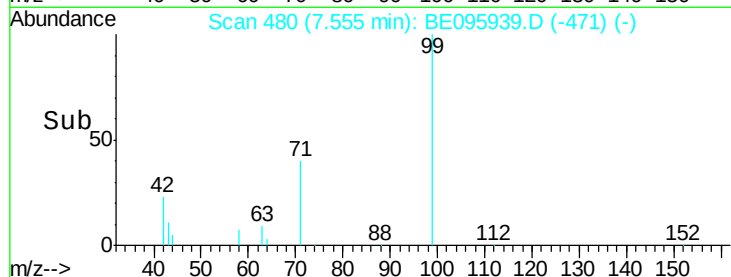
71 42.3 28.4 42.6



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: 0.413 ng

RT: 7.81 min Scan# 506

Delta R.T. -0.01 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

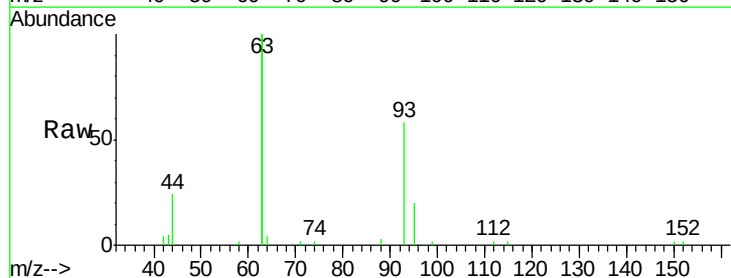
Tgt Ion: 93 Resp: 2099

Ion Ratio Lower Upper

93 100

63 329.3 275.3 412.9

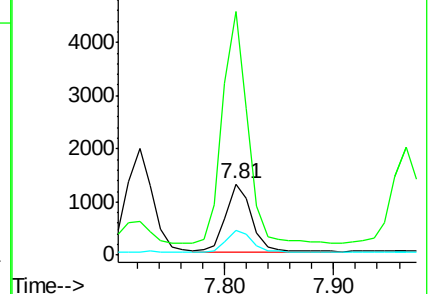
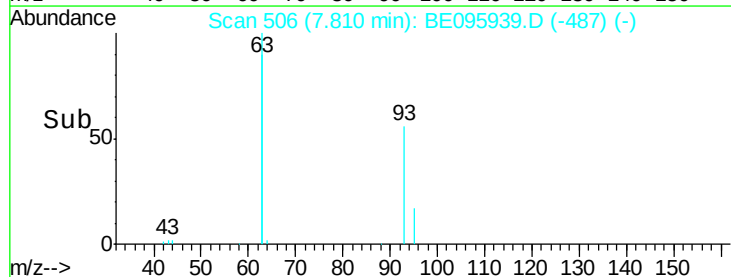
95 31.5 25.2 37.8

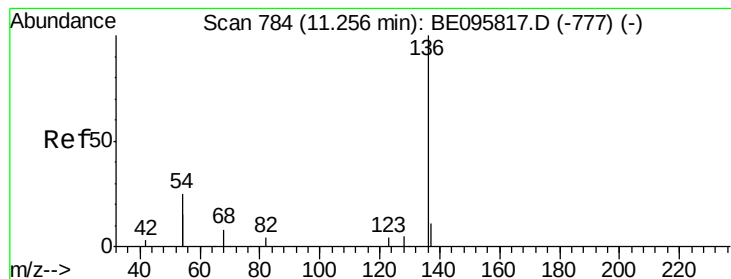


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.26 min Scan# 784

Delta R.T. -0.00 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5423

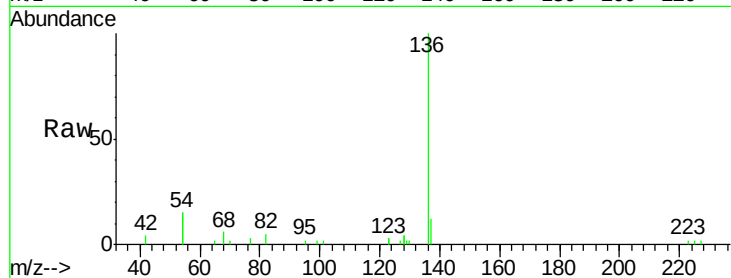
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 30.0 29.1 43.7

68 6.4 6.2 9.2

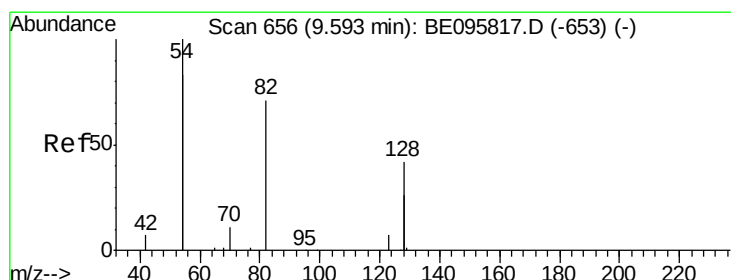
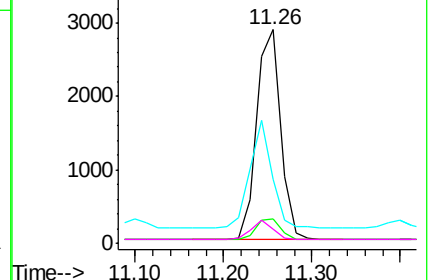
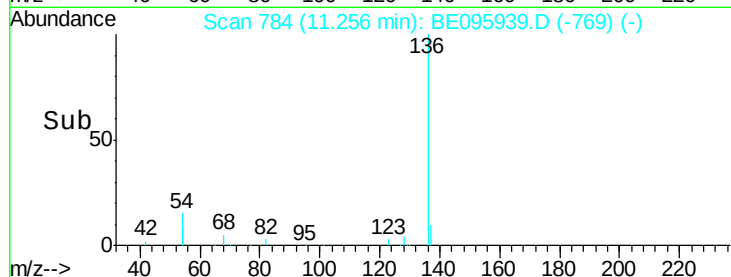


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.393 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

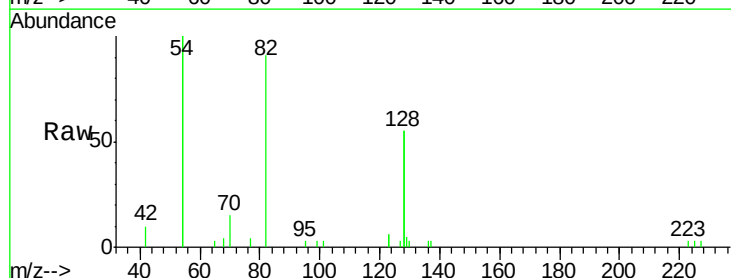
Tgt Ion: 82 Resp: 2517

Ion Ratio Lower Upper

82 100

128 121.6 150.0 225.0#

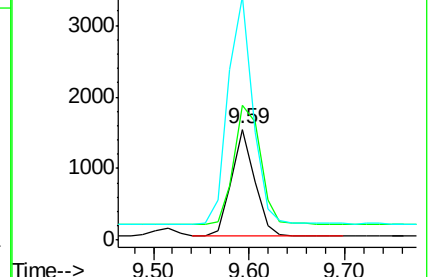
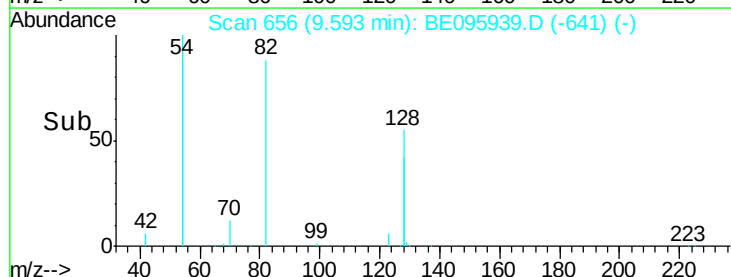
54 219.2 154.2 231.4

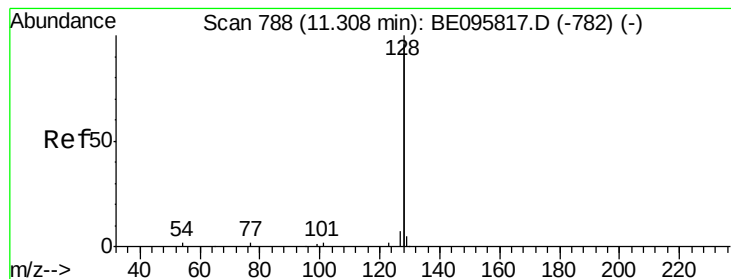


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.420 ng

RT: 11.29 min Scan# 787

Delta R.T. -0.01 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

Instrument :

BNA_E

ClientSampleId :

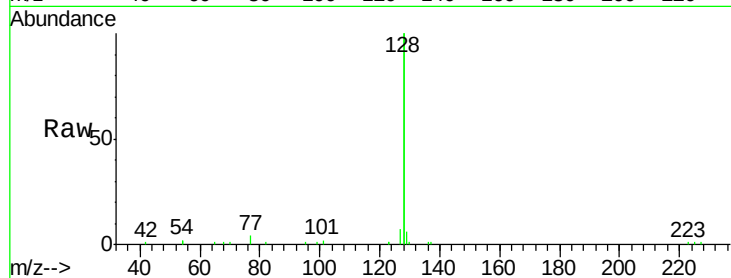
Tot Ion:128 Resp: 25994

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

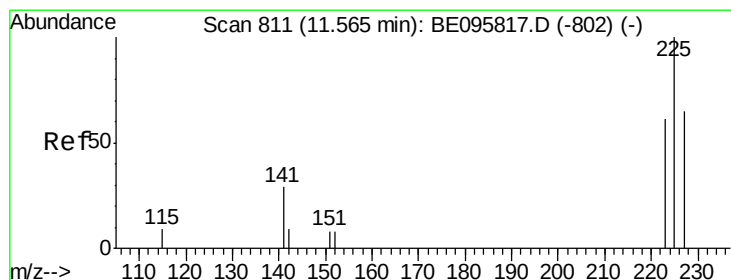
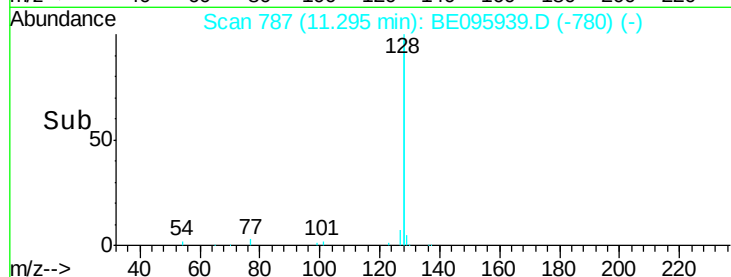
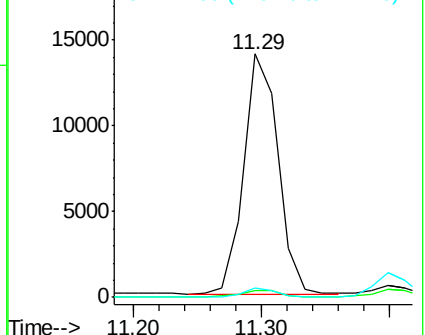
127 3.7 2.8 4.2



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: 0.375 ng

RT: 11.55 min Scan# 809

Delta R.T. -0.01 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

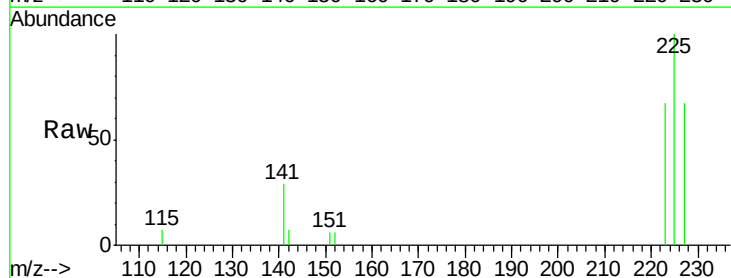
Tgt Ion:225 Resp: 1595

Ion Ratio Lower Upper

225 100

223 61.9 53.0 79.6

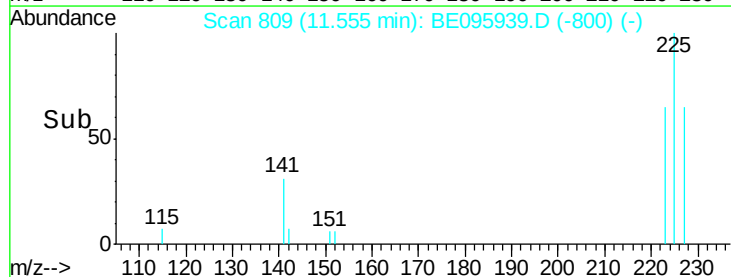
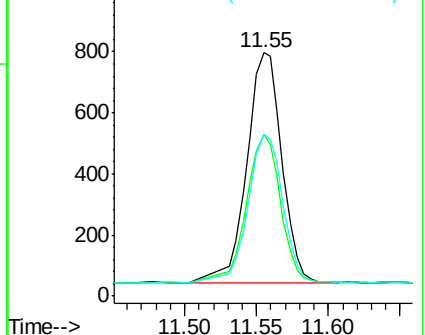
227 63.1 51.4 77.2

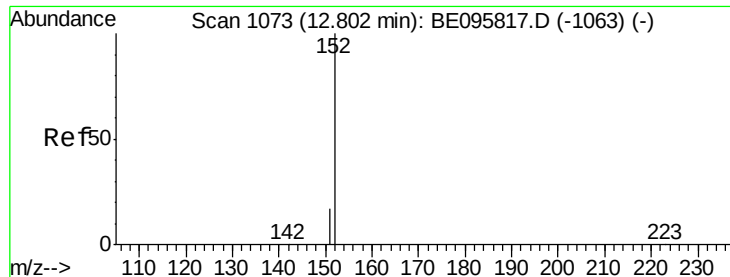


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.413 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

Instrument :

BNA_E

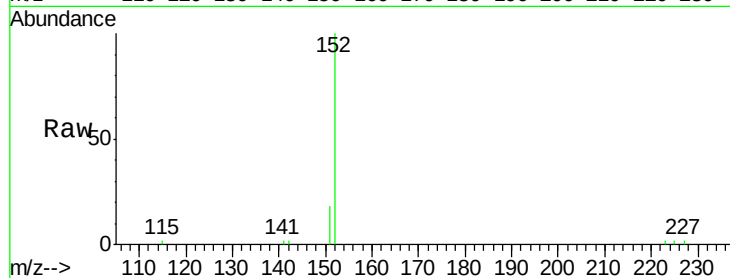
ClientSampleId :

Tot Ion:152 Resp: 3742

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

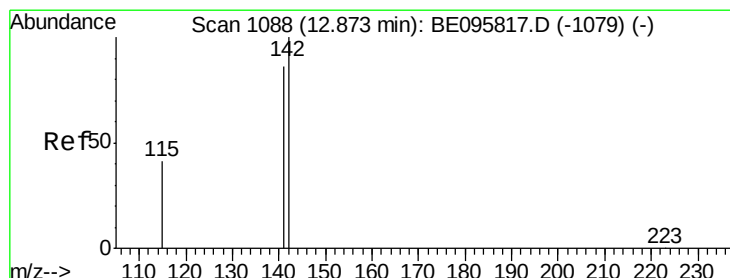
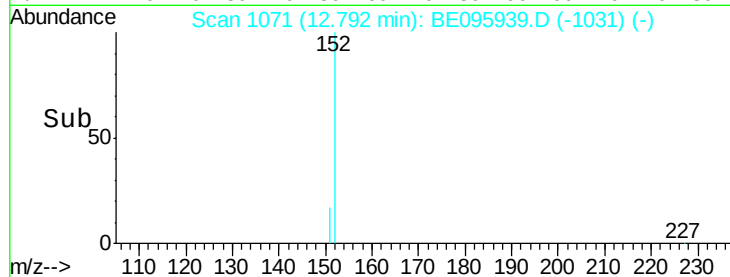
1500

1000

500

0

Time--> 12.70 12.80 12.90



#12

2-Methylnaphthalene

Concen: 0.423 ng

RT: 12.86 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

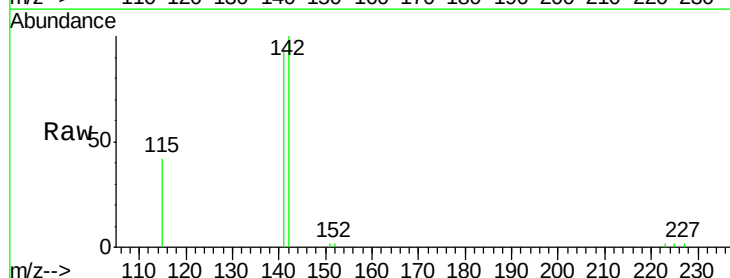
Tgt Ion:142 Resp: 4479

Ion Ratio Lower Upper

142 100

141 93.2 70.4 105.6

115 42.2 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

4000

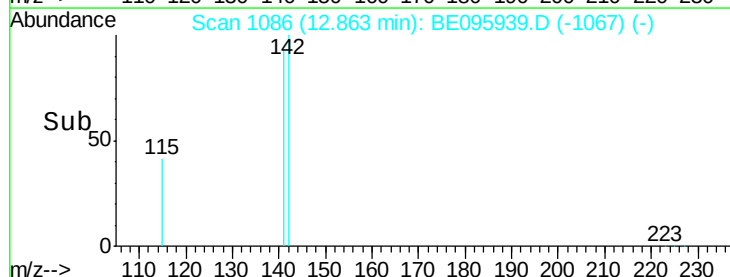
3000

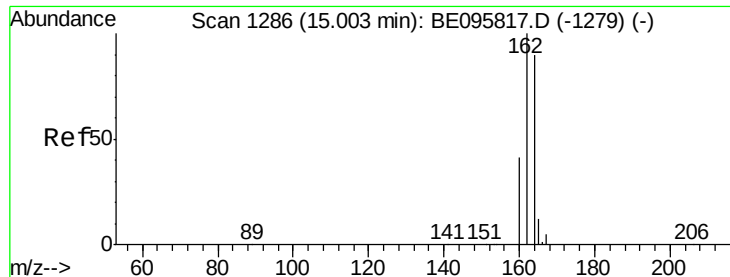
2000

1000

0

Time--> 12.80 12.85 12.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

Instrument :

BNA_E

ClientSampleId :

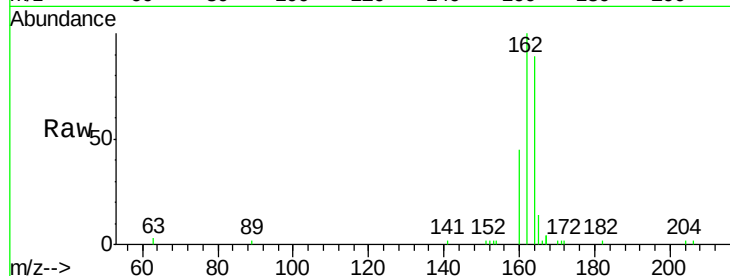
Tot Ion:164 Resp: 3237

Ion Ratio Lower Upper

164 100

162 112.5 83.1 124.7

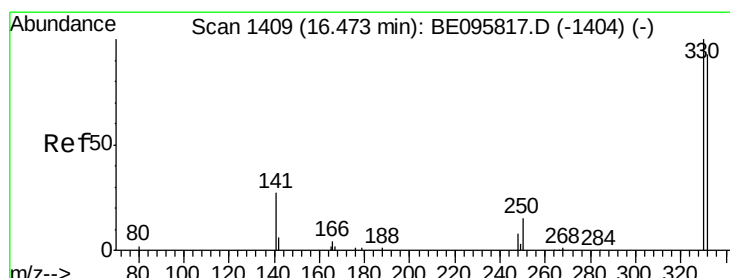
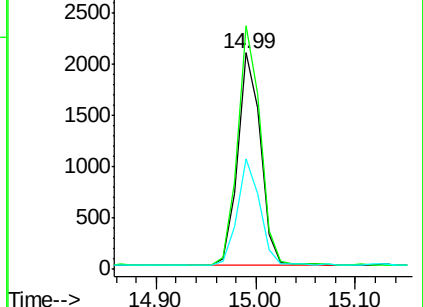
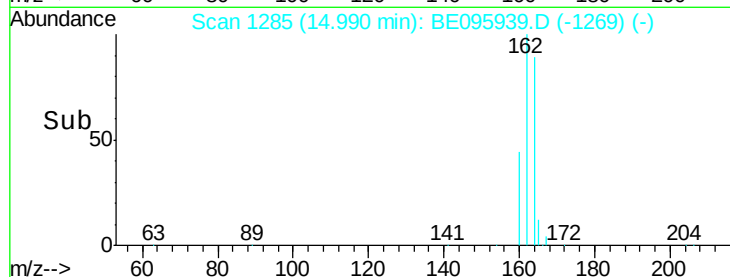
160 50.9 37.1 55.7



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: 0.354 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

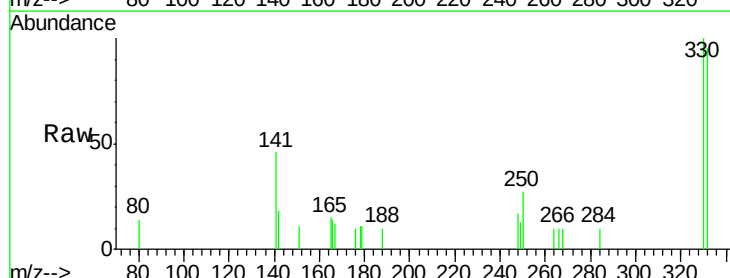
Tgt Ion:330 Resp: 661

Ion Ratio Lower Upper

330 100

332 97.4 152.7 229.1#

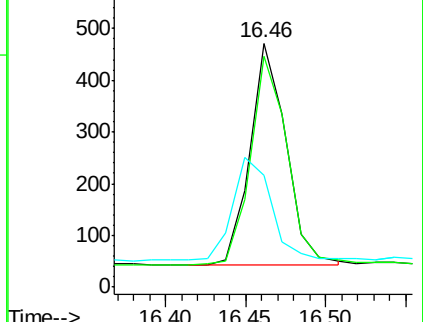
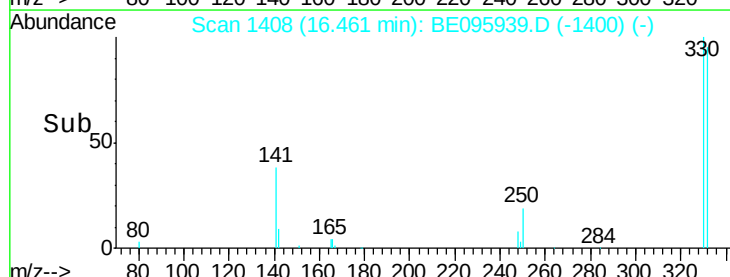
141 51.9 33.7 50.5#

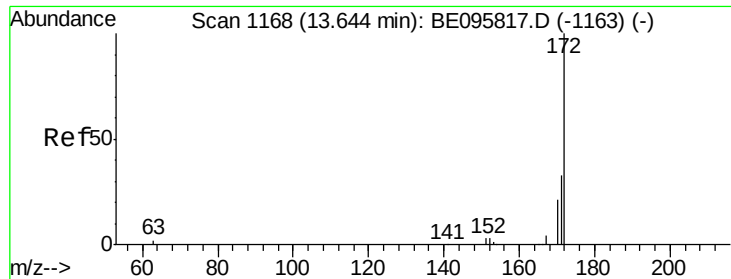


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

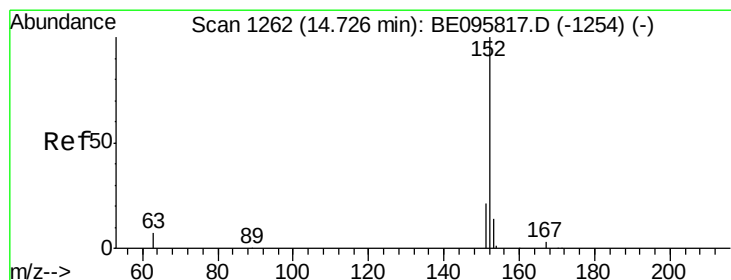
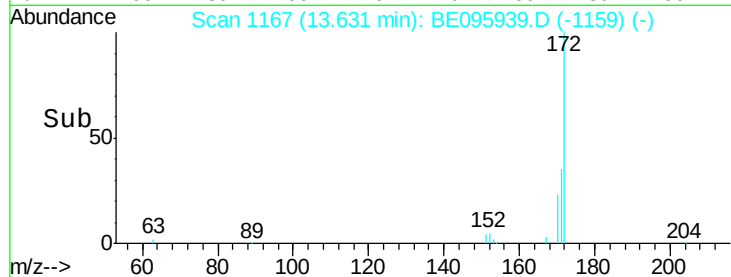
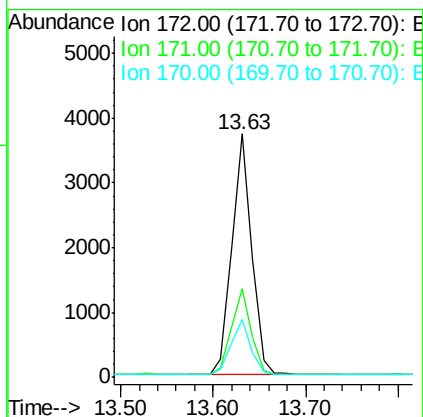
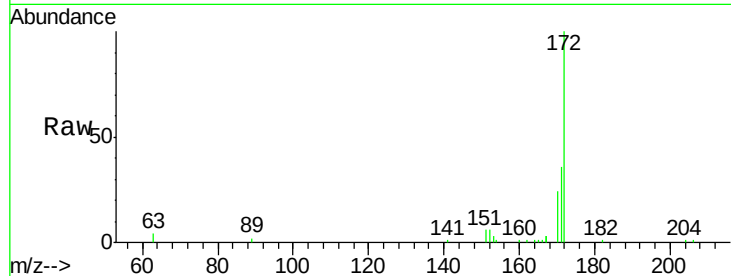




#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095939.D
Acq: 4 Apr 2018 10:06

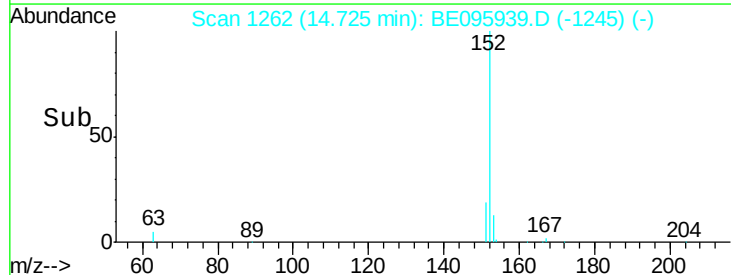
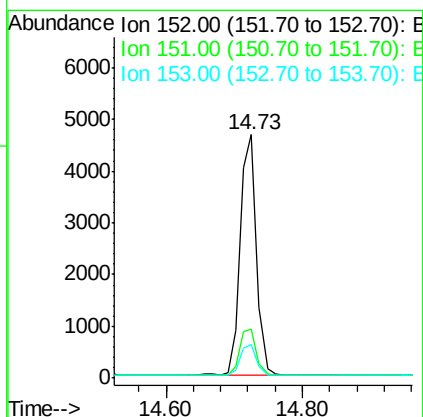
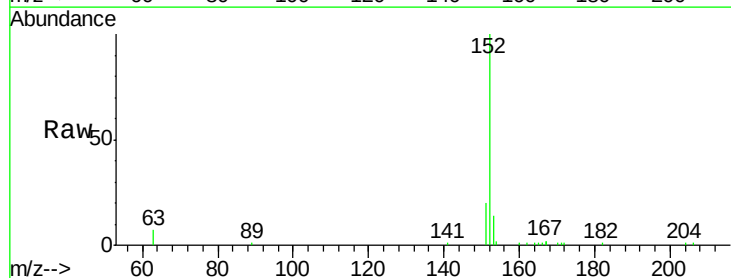
Instrument :
BNA_E
ClientSampleId :

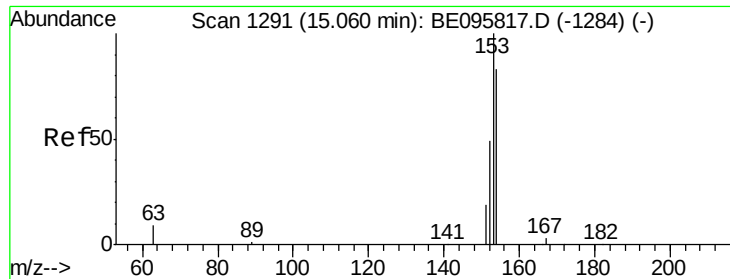
Tot Ion:172 Resp: 5537
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 23.9 21.8 32.8



#16
Acenaphthylene
Concen: 0.418 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095939.D
Acq: 4 Apr 2018 10:06

Tgt Ion:152 Resp: 7745
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.9 10.5 15.7

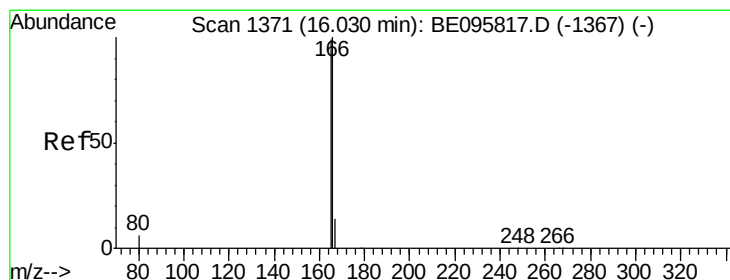
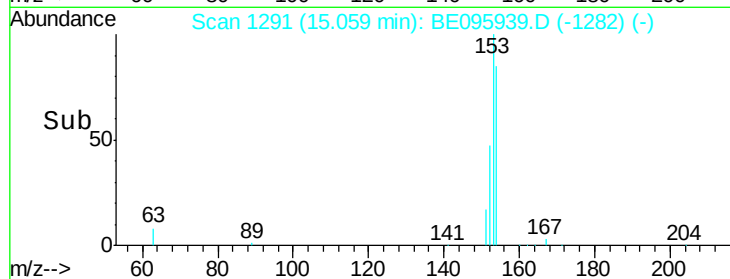
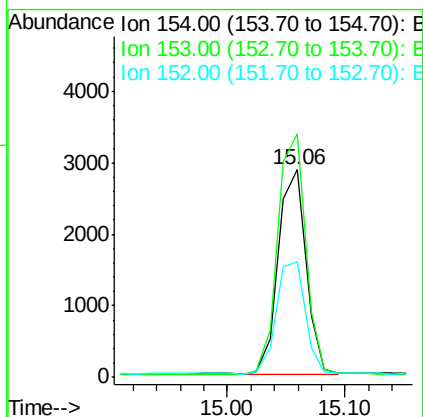
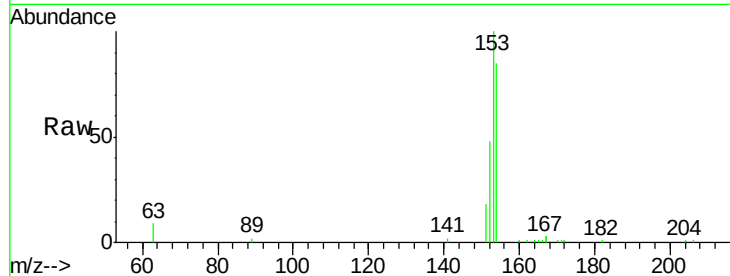




#17
Acenaphthene
Concen: 0.413 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095939.D
Acq: 4 Apr 2018 10:06

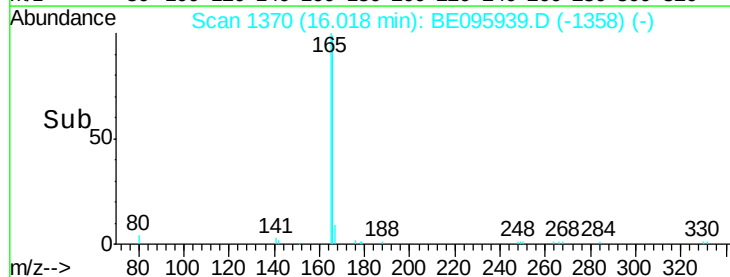
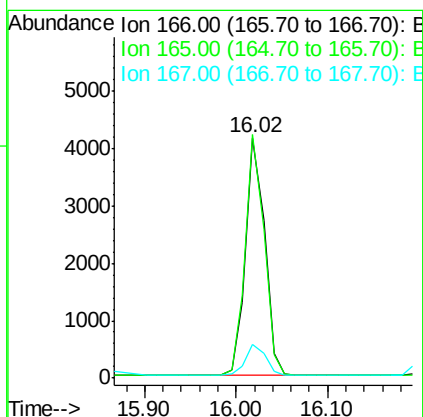
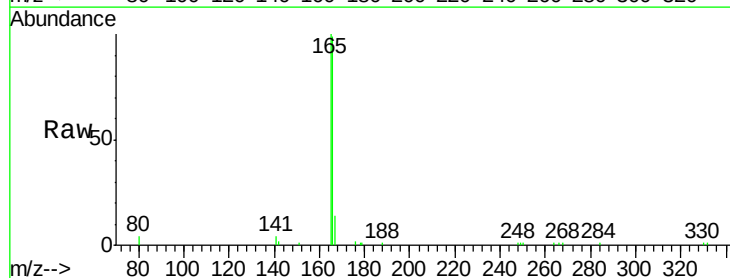
Instrument :
BNA_E
ClientSampleId :

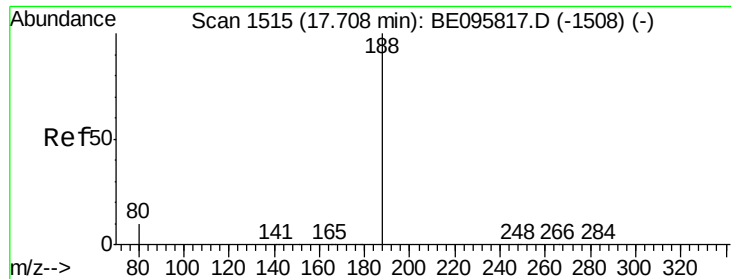
Tot Ion:154 Resp: 4669
Ion Ratio Lower Upper
154 100
153 117.2 89.2 133.8
152 57.1 42.0 63.0



#18
Fluorene
Concen: 0.409 ng
RT: 16.02 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE095939.D
Acq: 4 Apr 2018 10:06

Tgt Ion:166 Resp: 6068
Ion Ratio Lower Upper
166 100
165 100.1 77.8 116.6
167 13.9 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

Instrument :

BNA_E

ClientSampleId :

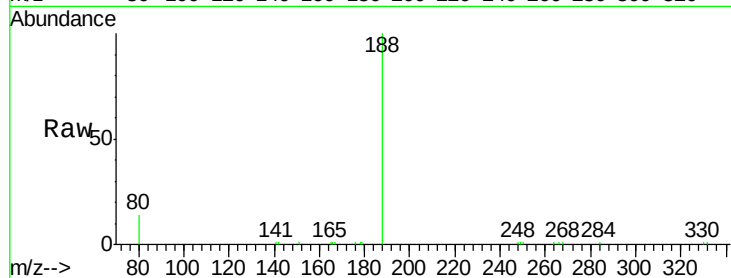
Tot Ion:188 Resp: 7700

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

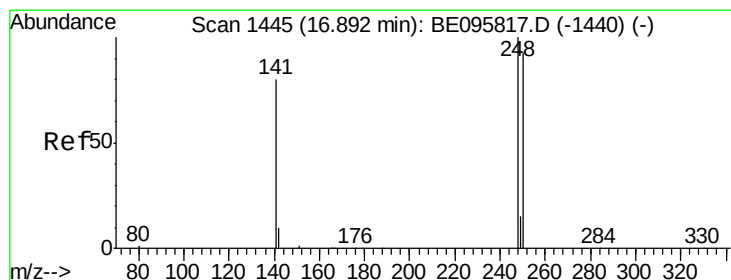
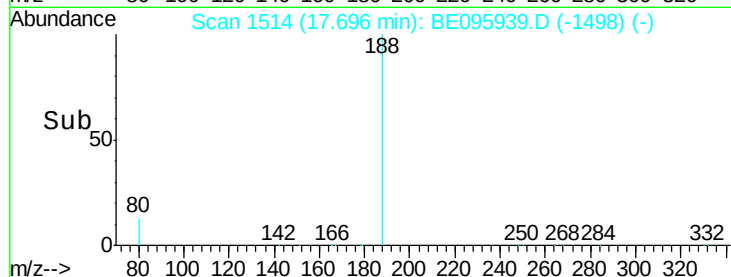
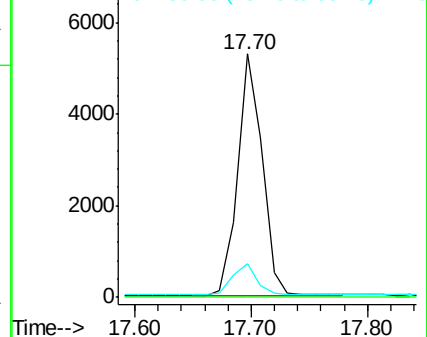
80 13.8 3.6 5.4#



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: 0.404 ng

RT: 16.89 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

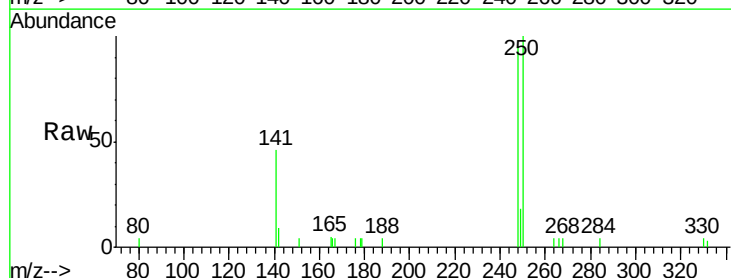
Tgt Ion:248 Resp: 1871

Ion Ratio Lower Upper

248 100

250 105.0 62.7 94.1#

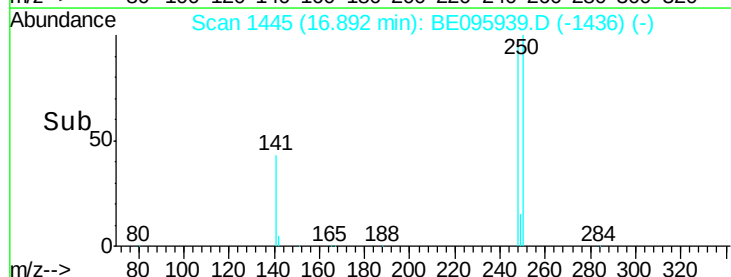
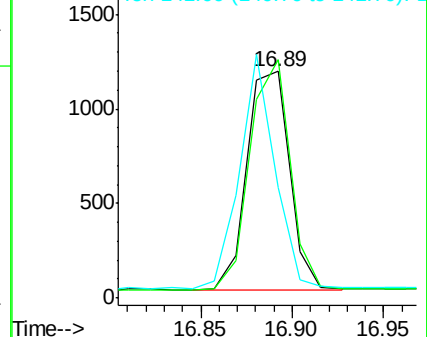
141 48.5 48.2 72.2

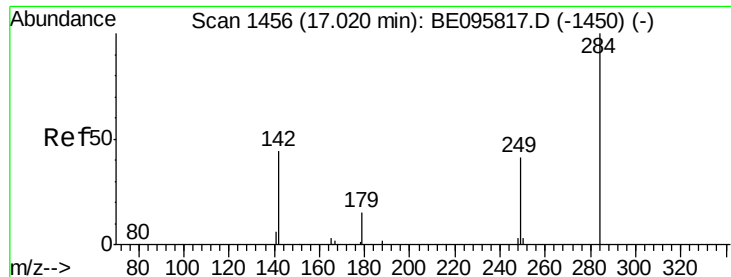


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.410 ng

RT: 17.02 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

Instrument :

BNA_E

ClientSampleId :

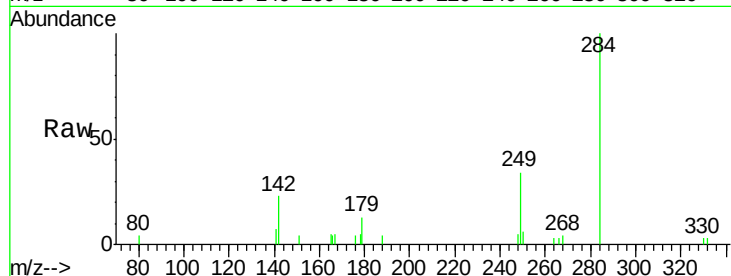
Tot Ion:284 Resp: 1893

Ion Ratio Lower Upper

284 100

142 42.4 22.1 33.1#

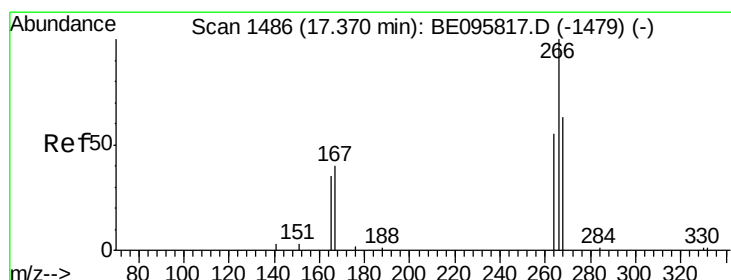
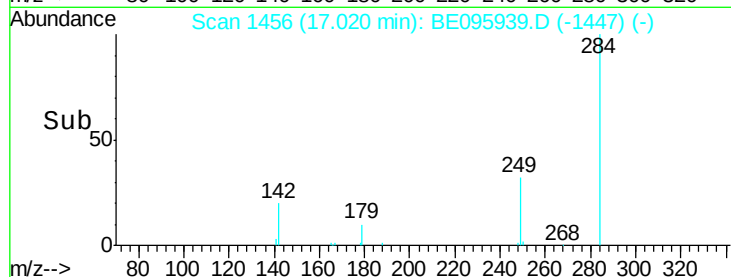
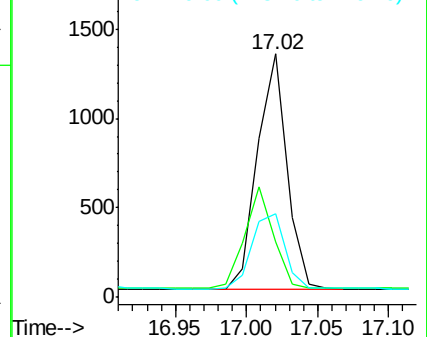
249 36.0 34.8 52.2



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: 0.473 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

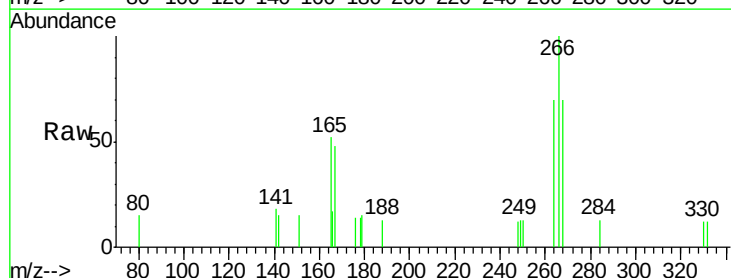
Tgt Ion:266 Resp: 598

Ion Ratio Lower Upper

266 100

264 70.4 72.5 108.7#

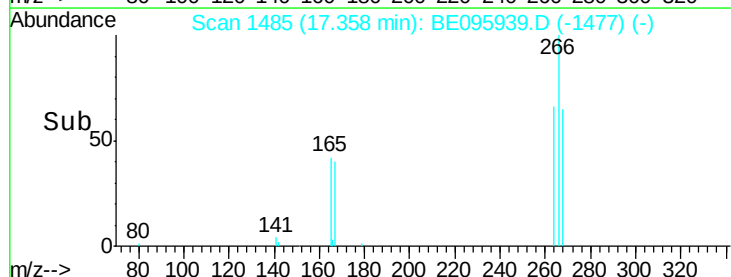
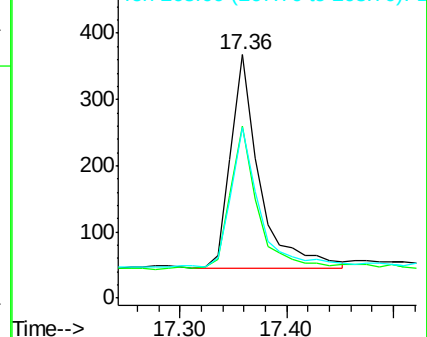
268 70.1 73.8 110.6#

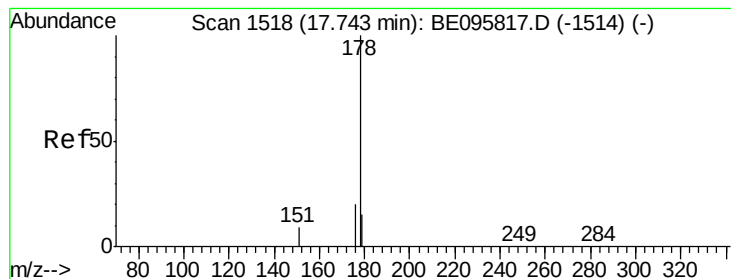


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.418 ng

RT: 17.74 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

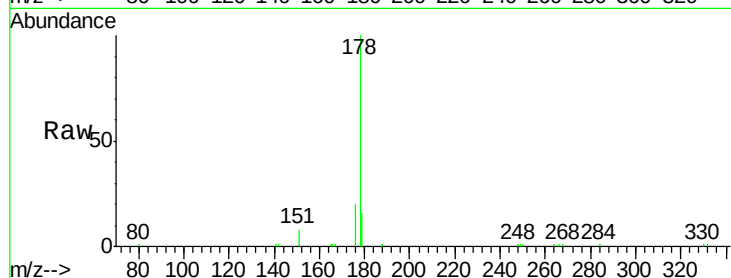
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 9636

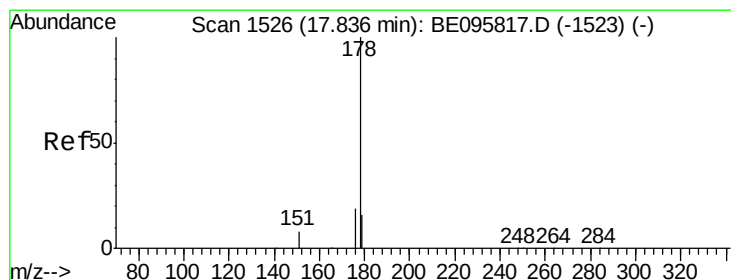
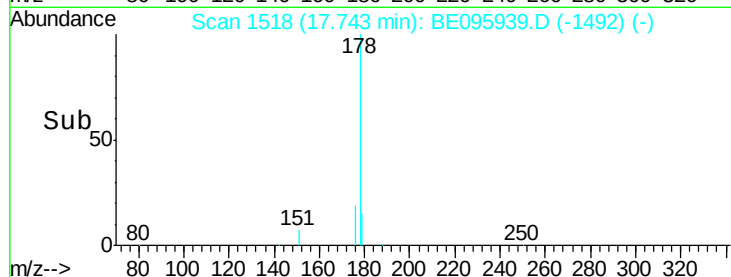
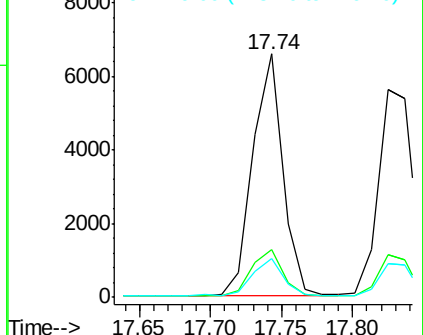
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.3	11.8	17.6



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: 0.406 ng

RT: 17.82 min Scan# 1525

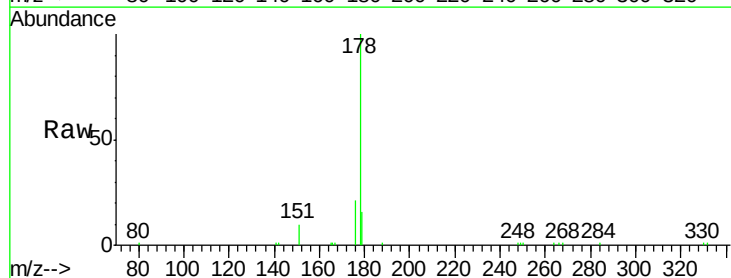
Delta R.T. -0.01 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

Tgt Ion:178 Resp: 9365

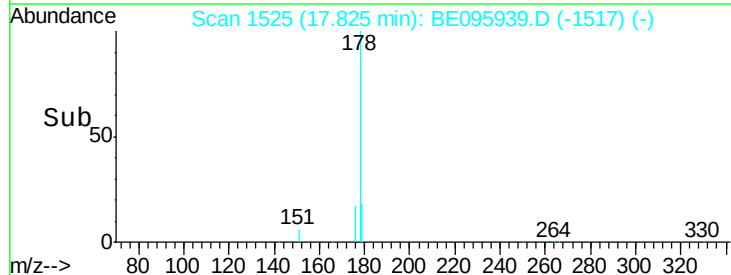
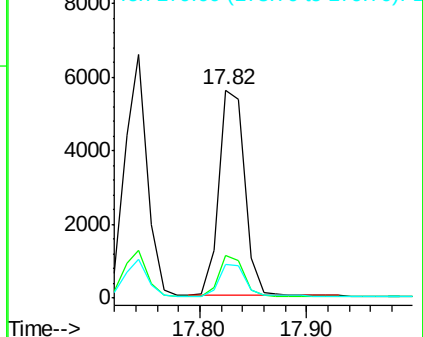
Ion	Ratio	Lower	Upper
178	100		
176	19.0	12.8	19.2
179	15.4	13.0	19.6

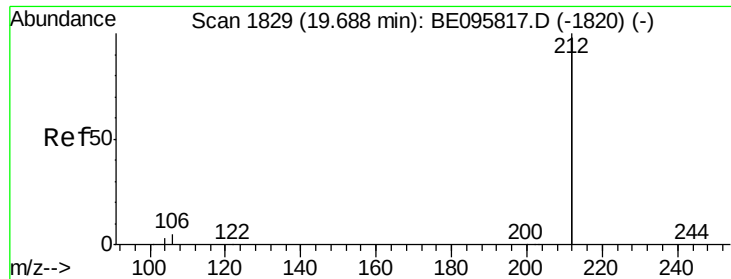


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.374 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

Instrument :

BNA_E

ClientSampleId :

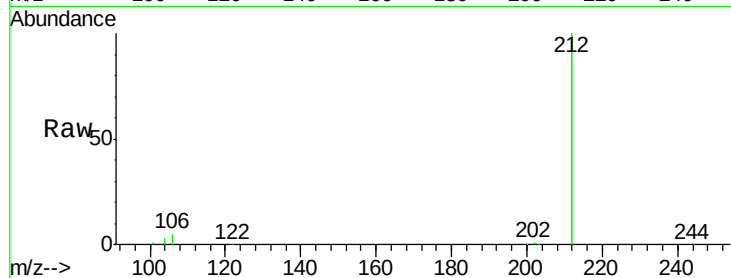
Tot Ion:212 Resp: 42805

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

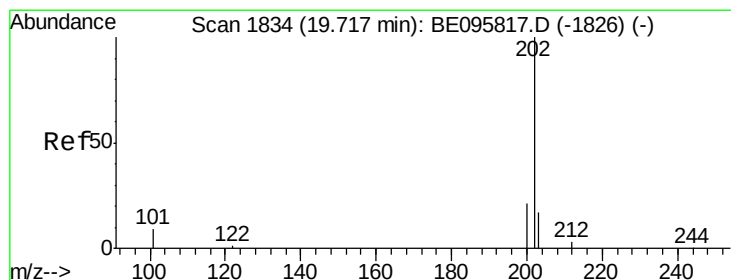
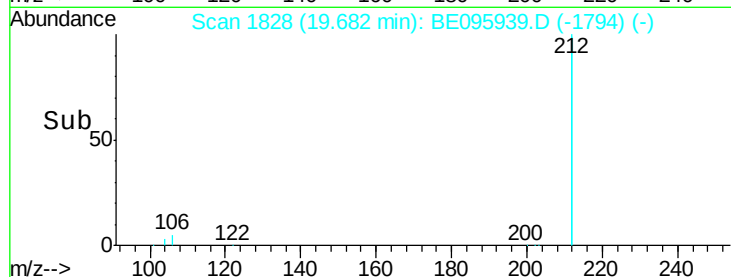
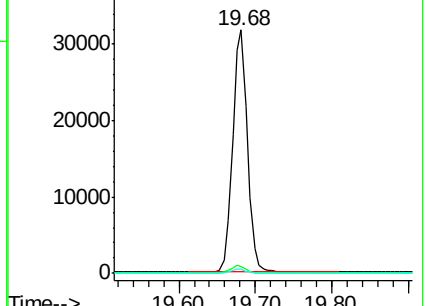
104 1.7 1.6 2.4



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: 0.382 ng

RT: 19.71 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

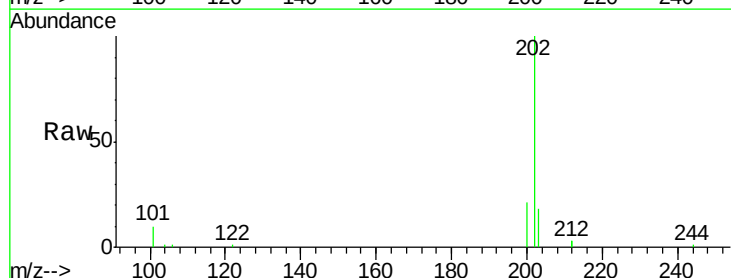
Tgt Ion:202 Resp: 12234

Ion Ratio Lower Upper

202 100

101 10.2 9.8 14.8

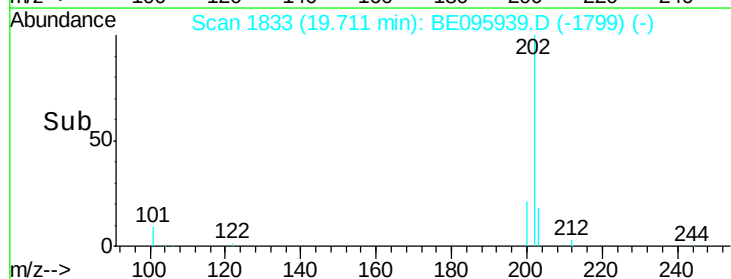
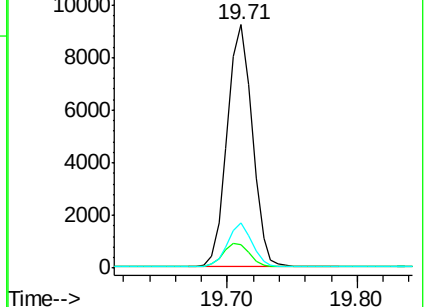
203 17.3 13.7 20.5

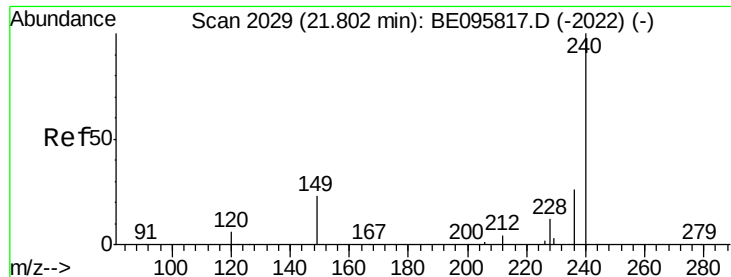


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

Instrument :

BNA_E

ClientSampleId :

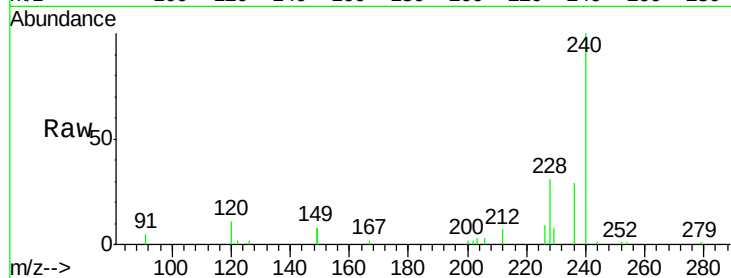
Tot Ion:240 Resp: 8314

Ion Ratio Lower Upper

240 100

120 11.3 5.5 8.3#

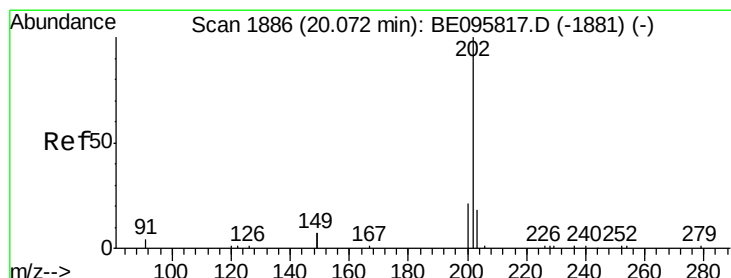
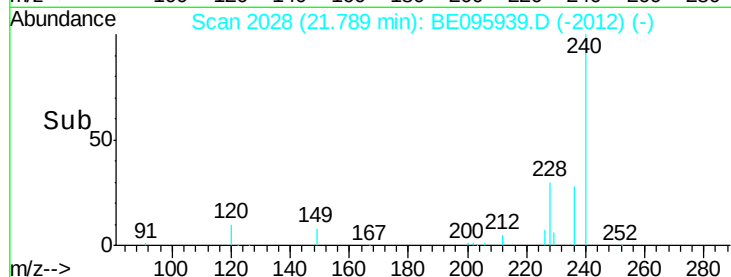
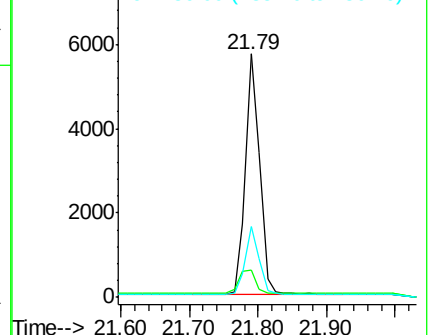
236 28.9 20.7 31.1



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: 0.463 ng

RT: 20.06 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

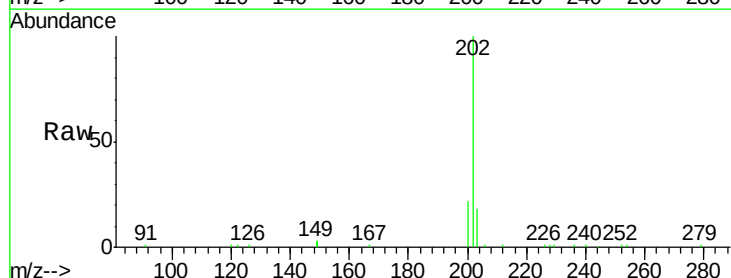
Tgt Ion:202 Resp: 15683

Ion Ratio Lower Upper

202 100

200 19.9 16.6 25.0

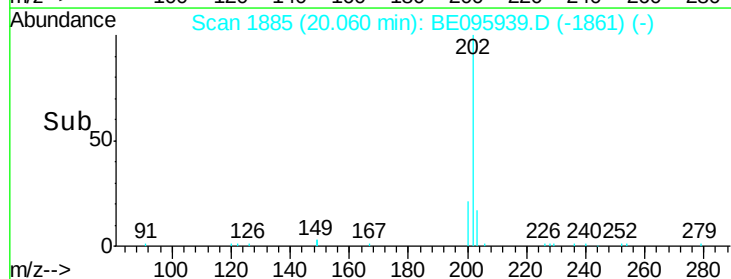
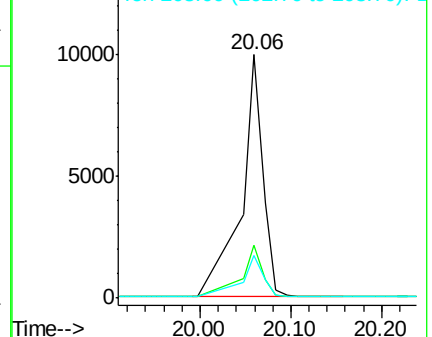
203 15.3 13.8 20.8

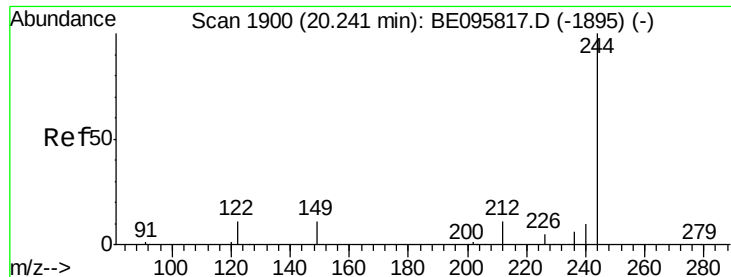


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.401 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

Instrument :

BNA_E

ClientSampleId :

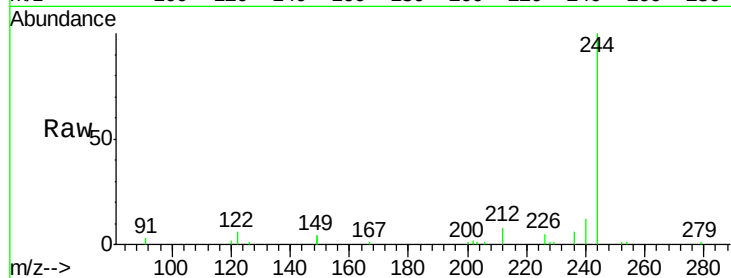
Tot Ion:244 Resp: 7080

Ion Ratio Lower Upper

244 100

212 8.5 25.4 38.0#

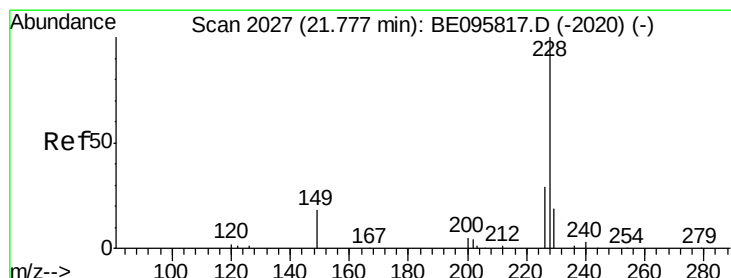
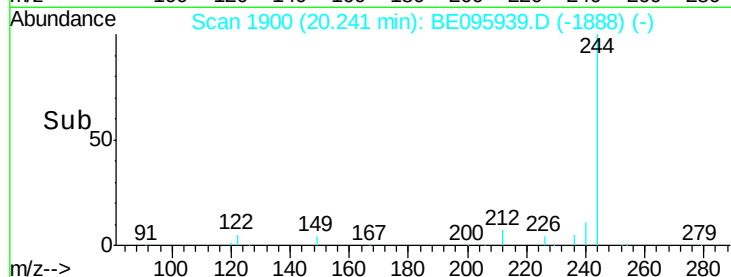
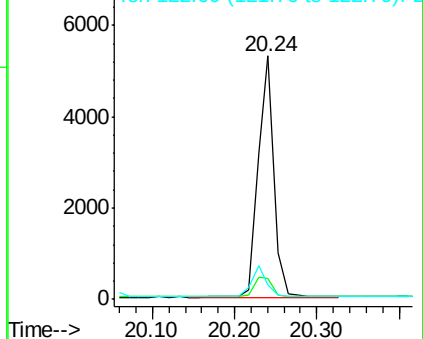
122 5.9 8.1 12.1#



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: 0.409 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

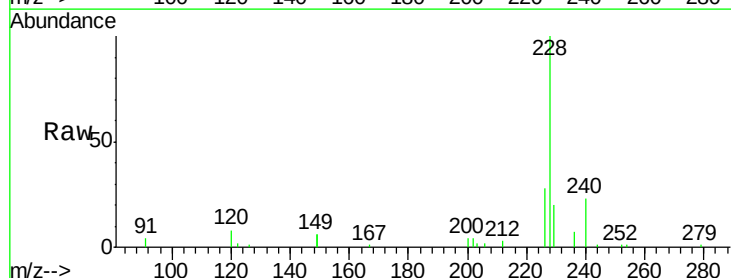
Tgt Ion:228 Resp: 11804

Ion Ratio Lower Upper

228 100

226 27.7 24.0 36.0

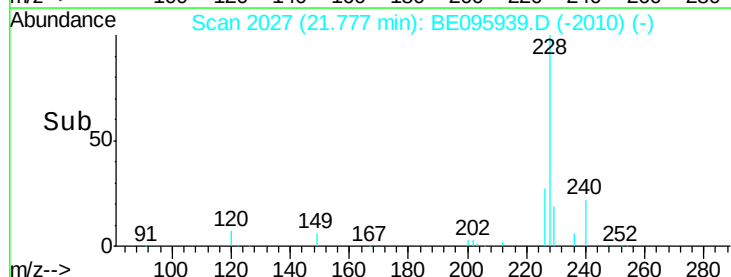
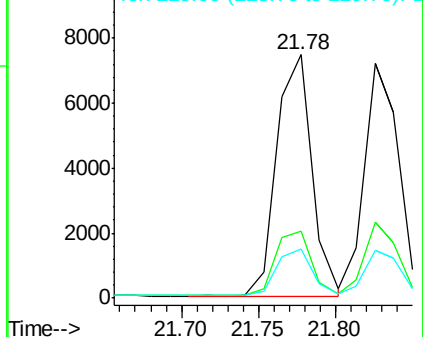
229 20.3 16.0 24.0

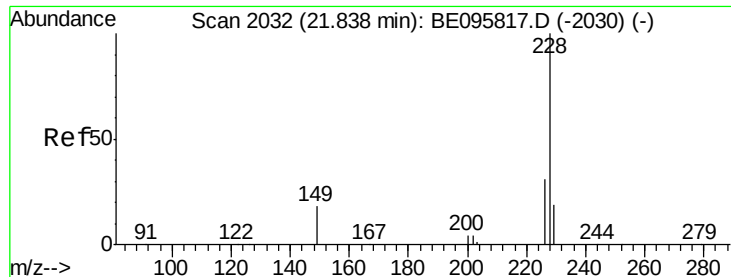


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

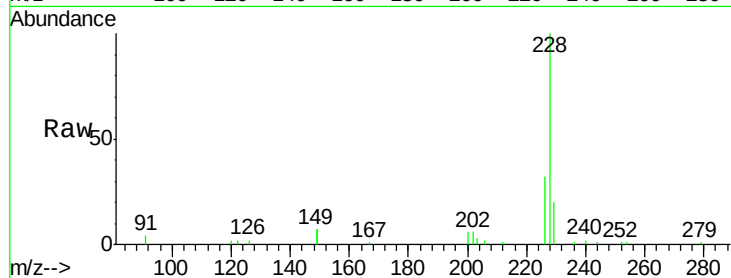




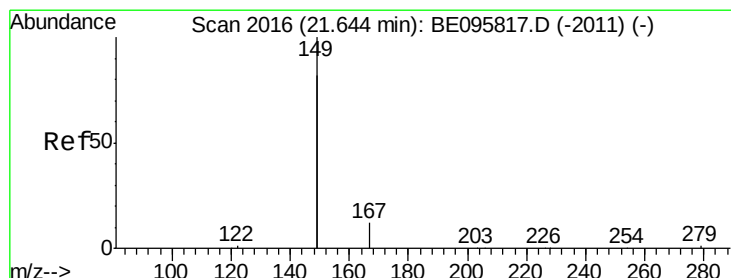
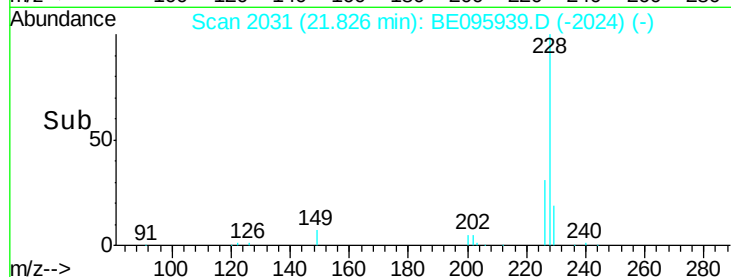
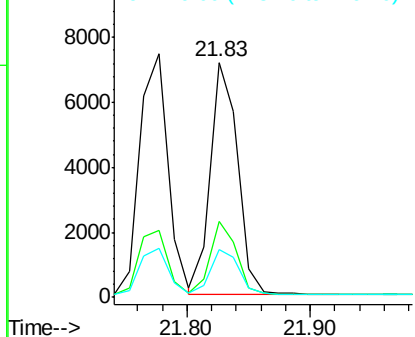
#31
Chrysene
Concen: 0.418 ng
RT: 21.83 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BE095939.D
Acq: 4 Apr 2018 10:06

Instrument :
BNA_E
ClientSampled :

Tot Ion:228 Resp: 11005
Ion Ratio Lower Upper
228 100
226 32.2 24.0 36.0
229 20.4 16.0 24.0

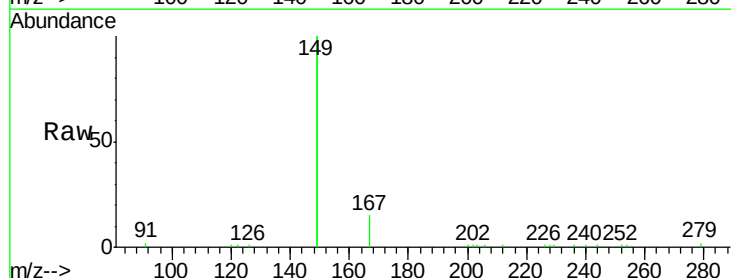


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

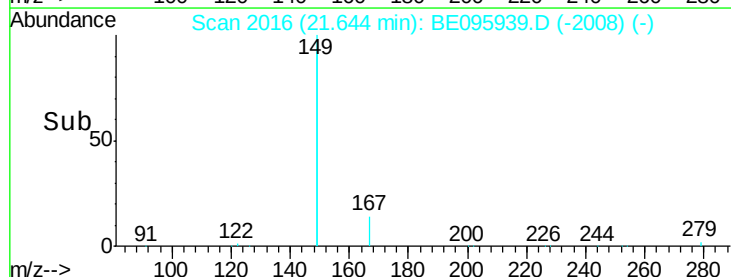
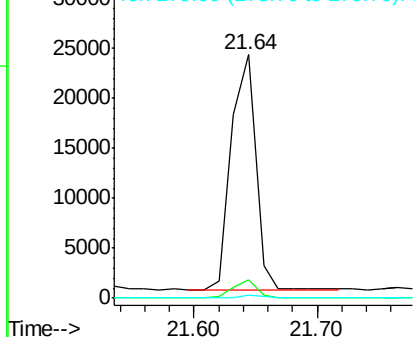


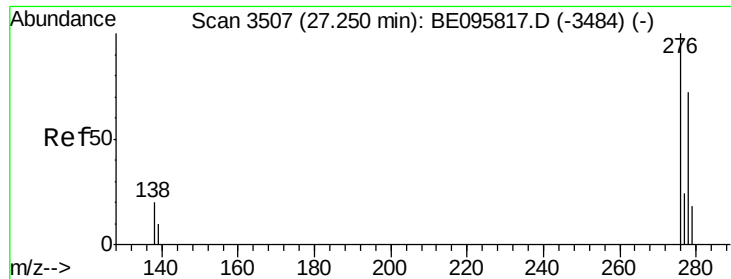
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.367 ng
RT: 21.64 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE095939.D
Acq: 4 Apr 2018 10:06

Tgt Ion:149 Resp: 32332
Ion Ratio Lower Upper
149 100
167 6.7 5.4 8.0
279 0.9 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

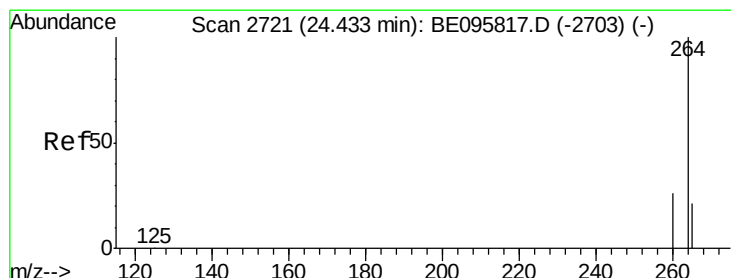
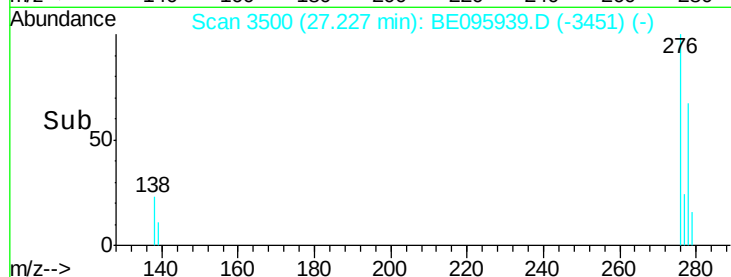
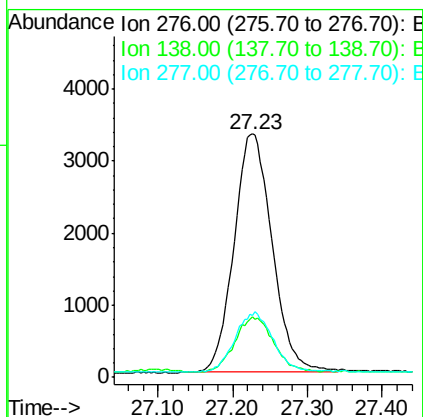
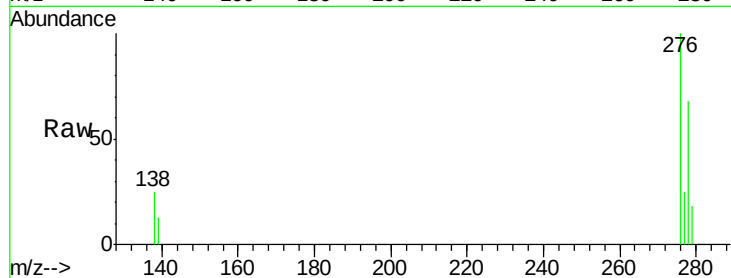




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.415 ng
 RT: 27.23 min Scan# 3500
 Delta R.T. -0.02 min
 Lab File: BE095939.D
 Acq: 4 Apr 2018 10:06

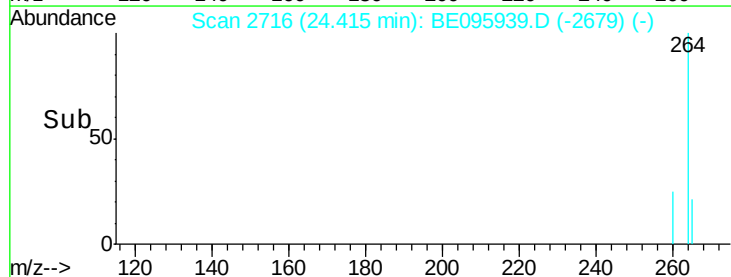
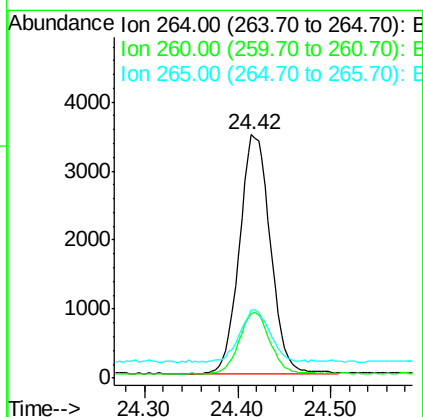
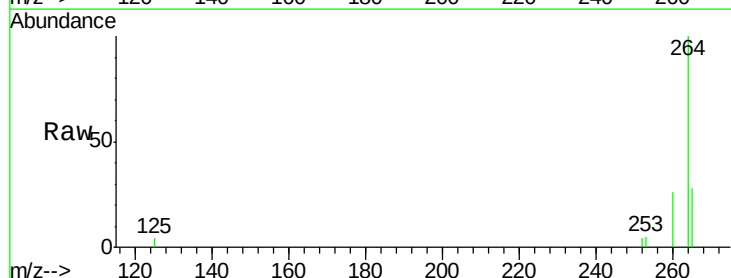
Instrument :
 BNA_E
 ClientSampleId :

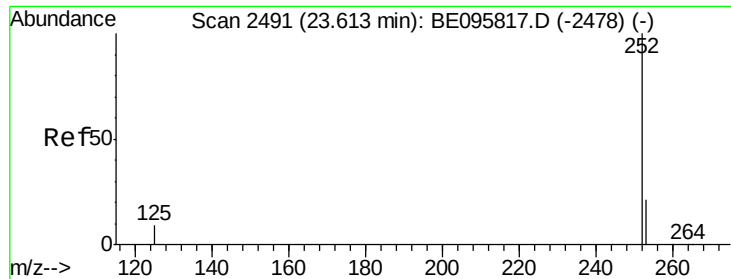
Tot Ion:276 Resp: 11776
 Ion Ratio Lower Upper
 276 100
 138 23.2 22.5 33.7
 277 24.8 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.42 min Scan# 2716
 Delta R.T. -0.02 min
 Lab File: BE095939.D
 Acq: 4 Apr 2018 10:06

Tgt Ion:264 Resp: 8005
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.5 30.7
 265 27.9 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.413 ng

RT: 23.60 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BE095939.D

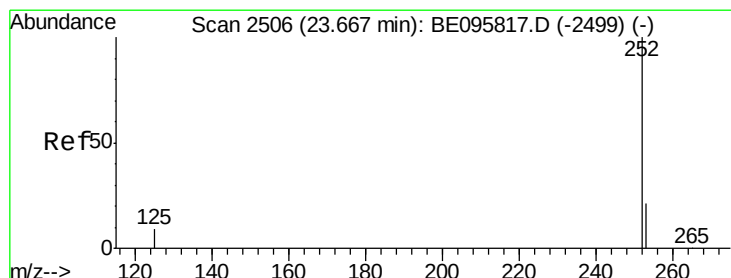
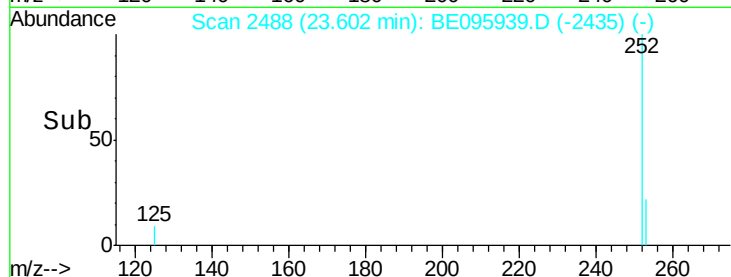
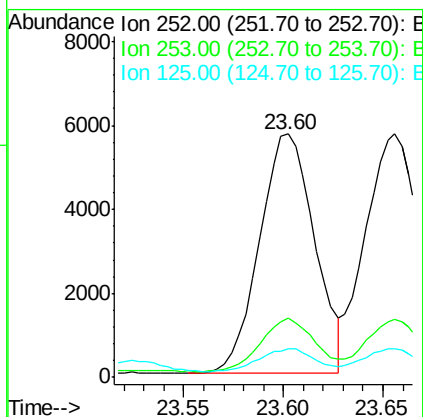
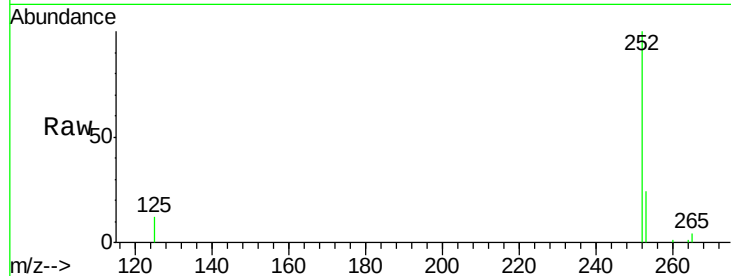
Acq: 4 Apr 2018 10:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:252	Resp:	10933
Ion Ratio	Lower	Upper
252	100	
253	24.2	20.0 30.0
125	11.6	16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 0.419 ng

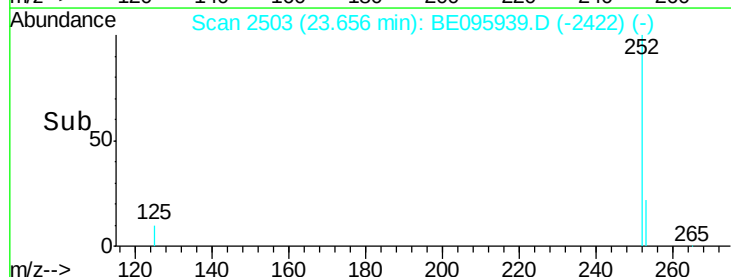
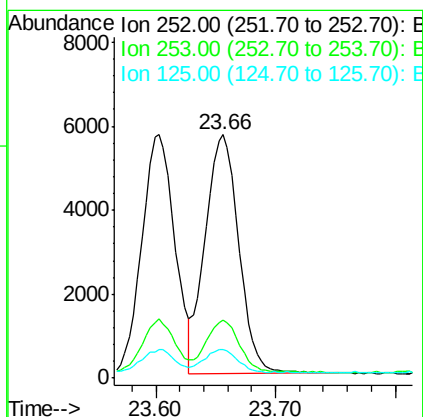
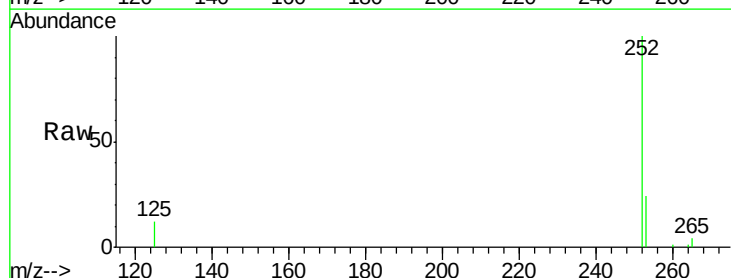
RT: 23.66 min Scan# 2503

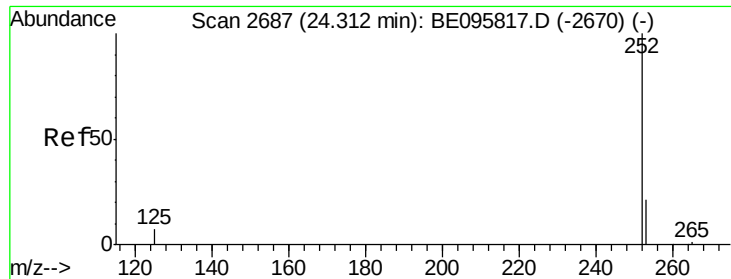
Delta R.T. -0.01 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

Tgt Ion:252	Resp:	11097
Ion Ratio	Lower	Upper
252	100	
253	23.9	16.0 24.0
125	11.9	8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.413 ng

RT: 24.30 min Scan# 2683

Delta R.T. -0.01 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

Instrument :

BNA_E

ClientSampleId :

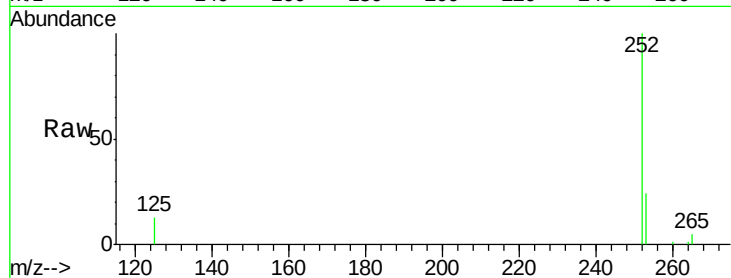
Tot Ion:252 Resp: 10245

Ion Ratio Lower Upper

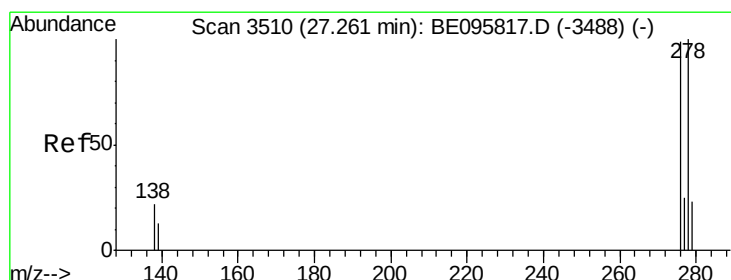
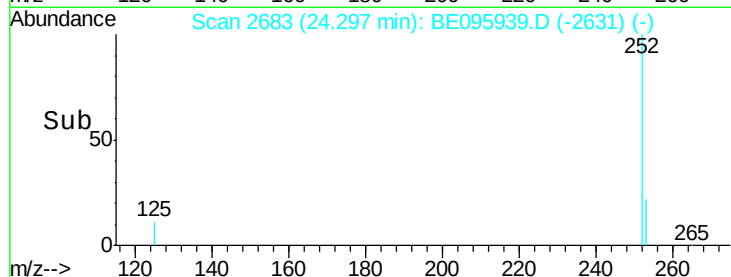
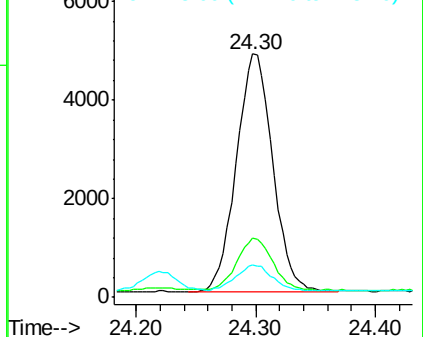
252 100

253 24.2 16.0 24.0#

125 13.3 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: 0.411 ng

RT: 27.24 min Scan# 3504

Delta R.T. -0.02 min

Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

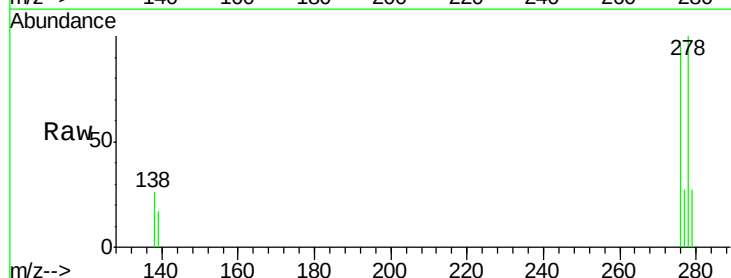
Tgt Ion:278 Resp: 9685

Ion Ratio Lower Upper

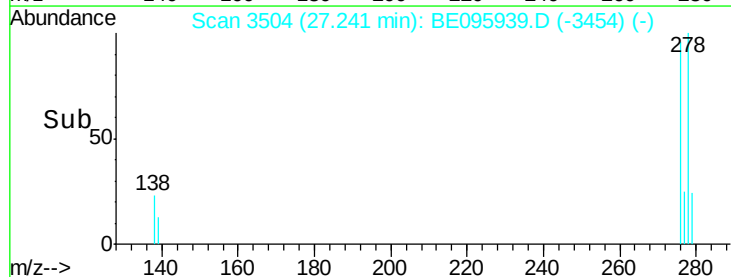
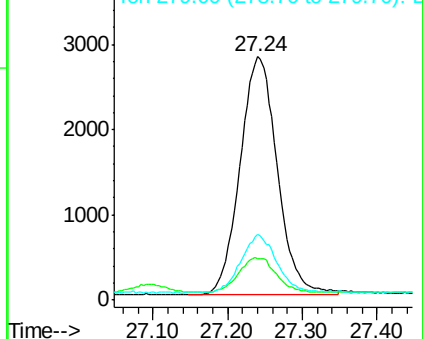
278 100

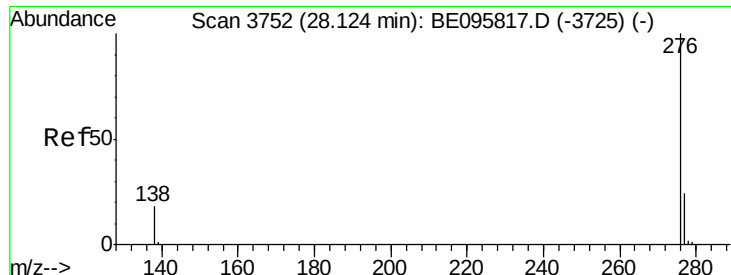
139 17.1 16.0 24.0

279 27.1 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(a,h,i)perylene

Concen: 0.417 ng

RT: 28.10 min Scan# 3745

Delta R.T. -0.02 min

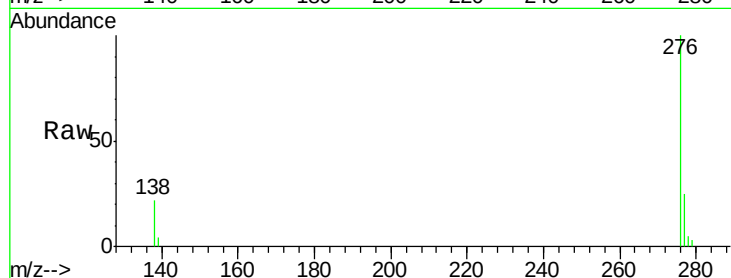
Lab File: BE095939.D

Acq: 4 Apr 2018 10:06

Instrument :

BNA_E

ClientSampleId :



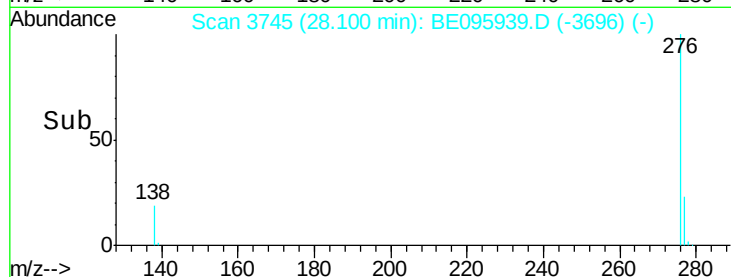
Tot Ion: 276 Resp: 9877

Ion Ratio Lower Upper

276 100

277 25.1 16.0 24.0#

138 21.9 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

