

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030618\
 Data File : BE095700.D
 Acq On : 6 Mar 2018 16:46
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 07 01:10:07 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1199	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	4823	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2800	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6614	0.40	ng	0.00
27) Chrysene-d12	21.80	240	6710	0.40	ng	0.00
34) Perylene-d12	24.43	264	6038	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1316	0.42	ng	0.00
5) Phenol-d6	7.56	99	1806	0.41	ng	0.00
8) Nitrobenzene-d5	9.61	82	1901	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.81	152	3228	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	350	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	4818	0.39	ng	0.00
25) Fluoranthene-d10	19.69	212	32175	0.37	ng	0.00
29) Terphenyl-d14	20.24	244	5249	0.39	ng	0.00

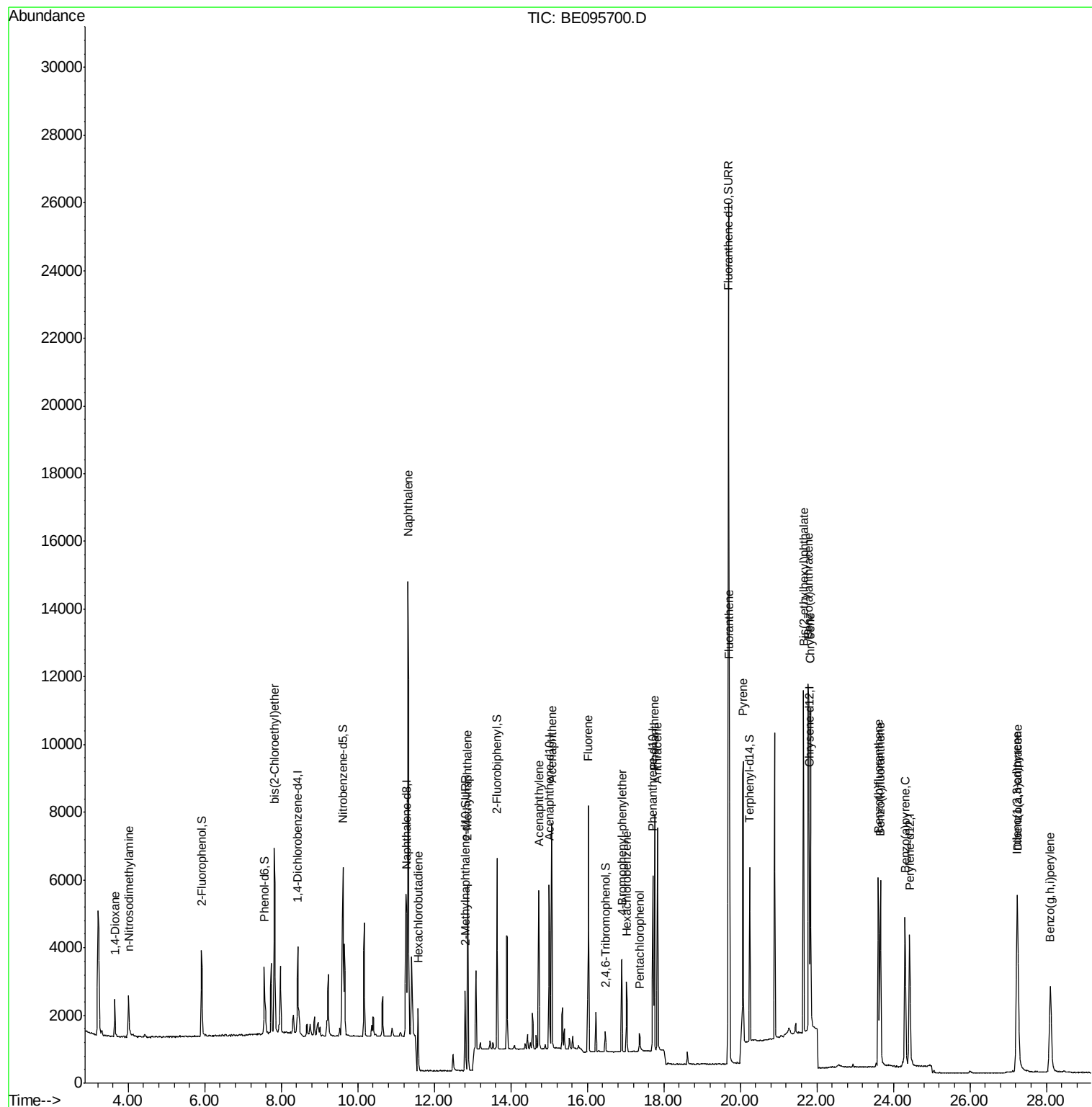
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	793	0.420	ng	# 90
3) n-Nitrosodimethylamine	4.00	42	996	0.426	ng	83
6) bis(2-Chloroethyl)ether	7.83	93	1902	0.423	ng	96
9) Naphthalene	11.31	128	22545	0.406	ng	99
10) Hexachlorobutadiene	11.57	225	1159	0.357	ng	# 90
12) 2-Methylnaphthalene	12.88	142	3819	0.398	ng	98
16) Acenaphthylene	14.74	152	5851	0.372	ng	99
17) Acenaphthene	15.07	154	3818	0.387	ng	96
18) Fluorene	16.03	166	4715	0.385	ng	# 78
20) 4-Bromophenyl-phenylether	16.90	248	1498	0.361	ng	# 78
21) Hexachlorobenzene	17.02	284	1536	0.357	ng	# 82
22) Pentachlorophenol	17.36	266	341	0.395	ng	# 79
23) Phenanthrene	17.75	178	7787	0.377	ng	100
24) Anthracene	17.84	178	6988	0.368	ng	95
26) Fluoranthene	19.72	202	9498	0.373	ng	# 97
28) Pyrene	20.07	202	10834	0.395	ng	95
30) Benzo(a)anthracene	21.78	228	8678	0.396	ng	97
31) Chrysene	21.84	228	8293	0.381	ng	99
32) Bis(2-ethylhexyl)phthalate	21.66	149	13319	0.344	ng	99
33) Indeno(1,2,3-cd)pyrene	27.23	276	8106	0.384	ng	# 94
35) Benzo(b)fluoranthene	23.61	252	8033	0.373	ng	# 90
36) Benzo(k)fluoranthene	23.66	252	8268	0.386	ng	95
37) Benzo(a)pyrene	24.30	252	7557	0.390	ng	93
38) Dibenzo(a,h)anthracene	27.24	278	6633	0.385	ng	97
39) Benzo(g,h,i)perylene	28.11	276	6876	0.372	ng	# 91

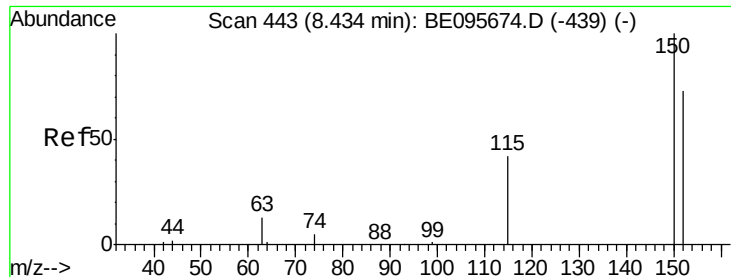
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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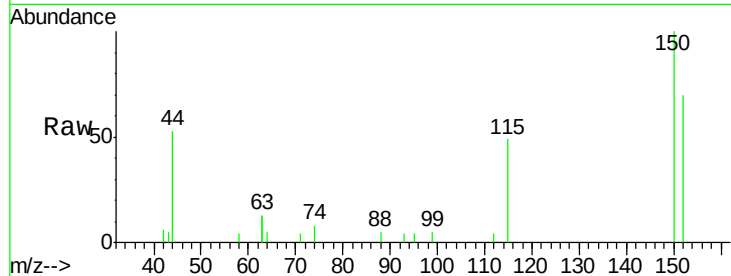


#1

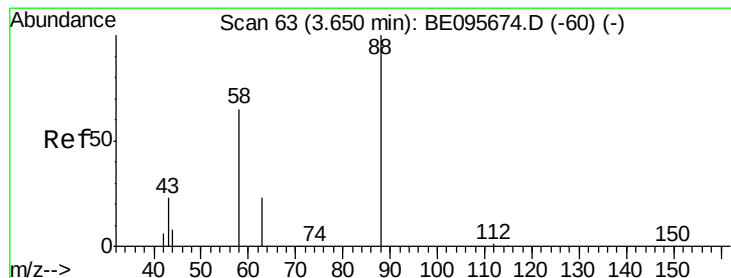
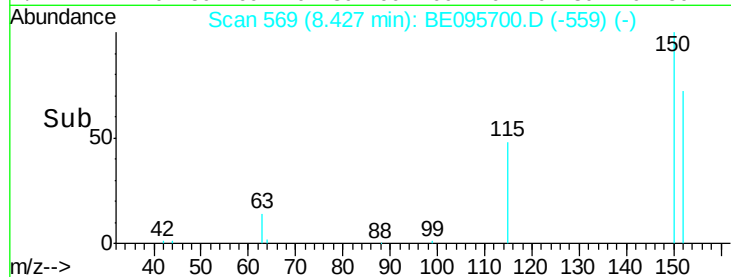
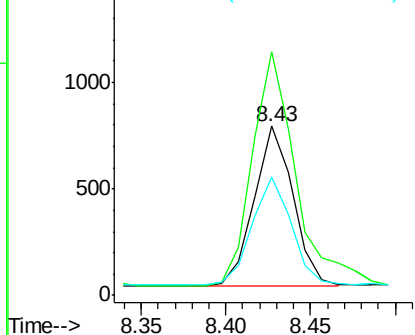
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.43 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BE095700.D
 Acq: 6 Mar 2018 16:46

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 1199
 Ion Ratio Lower Upper
 152 100
 150 143.7 117.2 175.8
 115 69.7 57.0 85.6



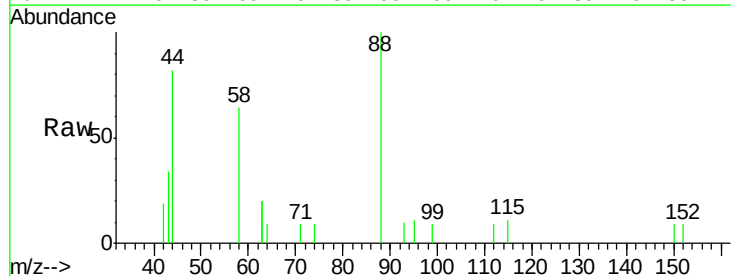
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



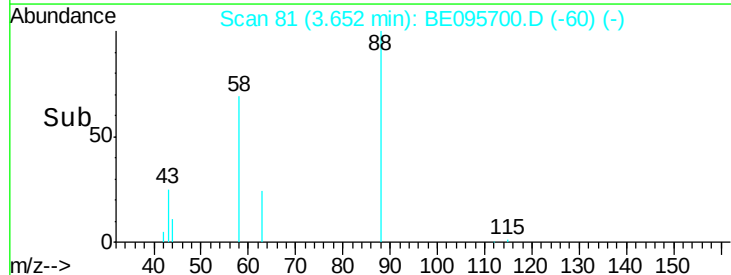
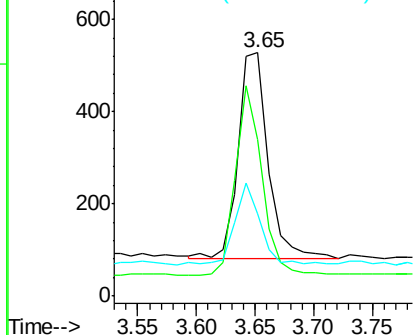
#2

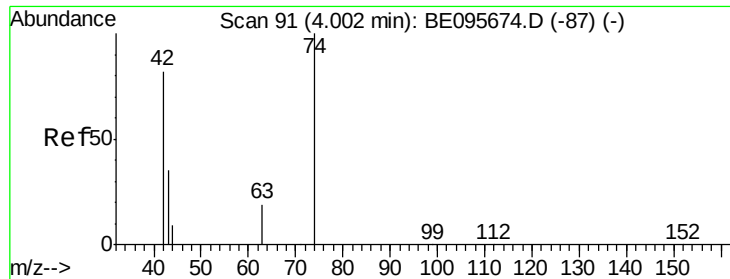
1,4-Dioxane
 Concen: 0.420 ng
 RT: 3.65 min Scan# 81
 Delta R.T. 0.00 min
 Lab File: BE095700.D
 Acq: 6 Mar 2018 16:46

Tgt Ion: 88 Resp: 793
 Ion Ratio Lower Upper
 88 100
 58 81.5 63.2 94.8
 43 36.1 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



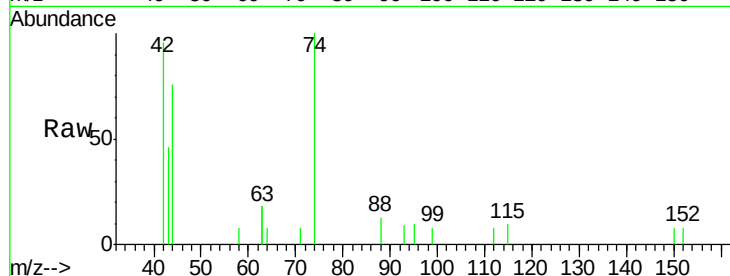


#3

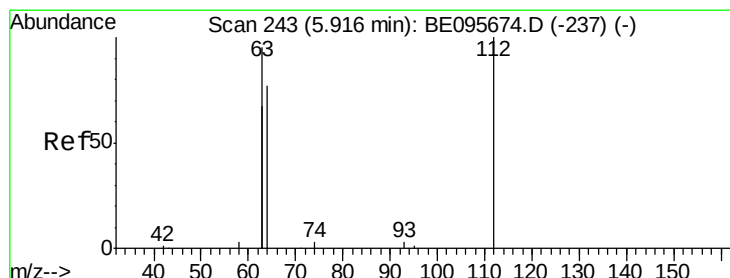
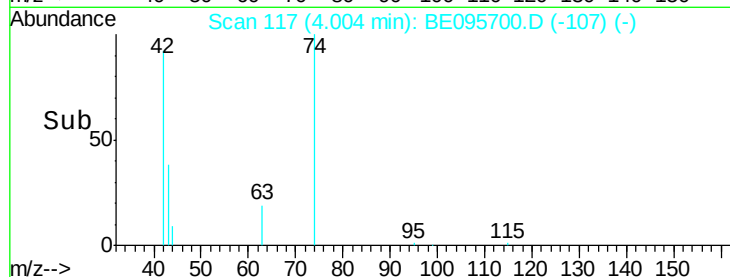
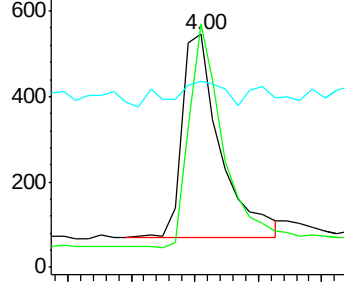
n-Nitrosodimethylamine
 Concen: 0.426 ng
 RT: 4.00 min Scan# 117
 Delta R.T. 0.00 min
 Lab File: BE095700.D
 Acq: 6 Mar 2018 16:46

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 996
 Ion Ratio Lower Upper
 42 100
 74 99.2 96.0 144.0
 44 16.5 12.0 18.0



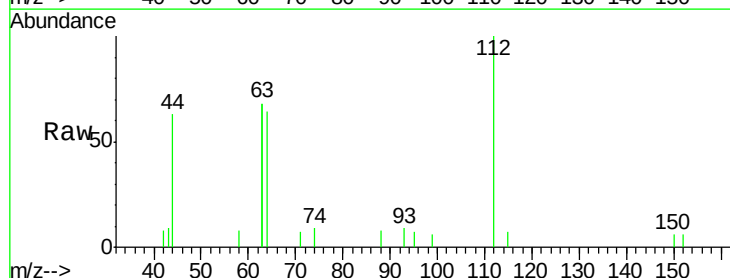
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



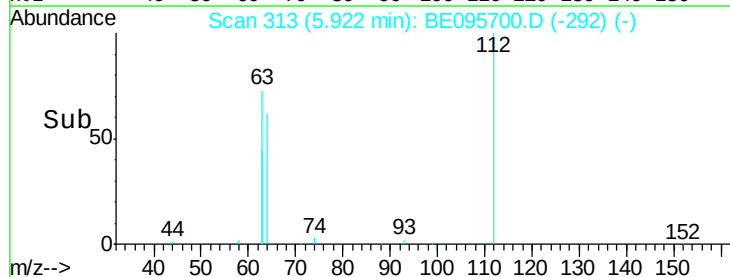
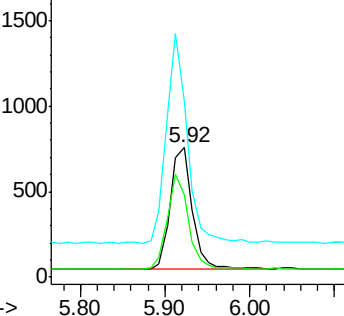
#4

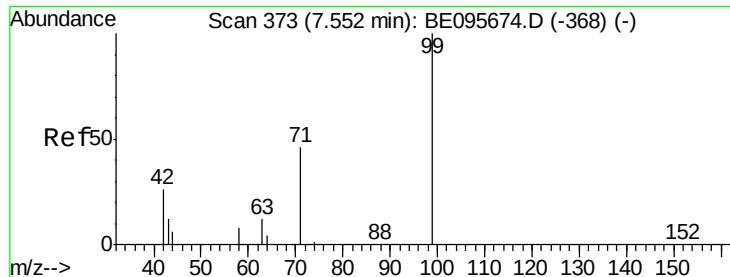
2-Fluorophenol
 Concen: 0.416 ng
 RT: 5.92 min Scan# 313
 Delta R.T. 0.01 min
 Lab File: BE095700.D
 Acq: 6 Mar 2018 16:46

Tgt Ion: 112 Resp: 1316
 Ion Ratio Lower Upper
 112 100
 64 73.9 60.1 90.1
 63 160.0 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.412 ng

RT: 7.56 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

Instrument :

BNA_E

ClientSampleId :

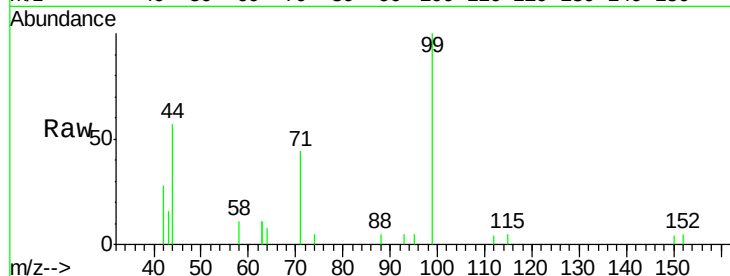
Tot Ion: 99 Resp: 1806

Ion Ratio Lower Upper

99 100

42 26.1 20.2 30.2

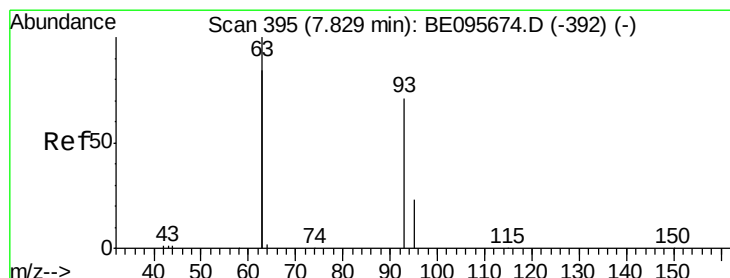
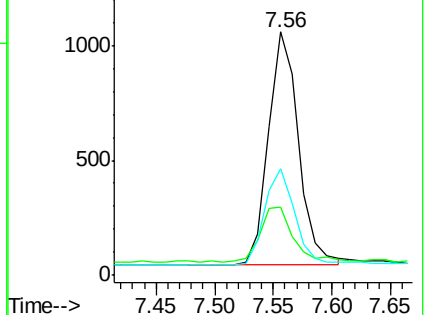
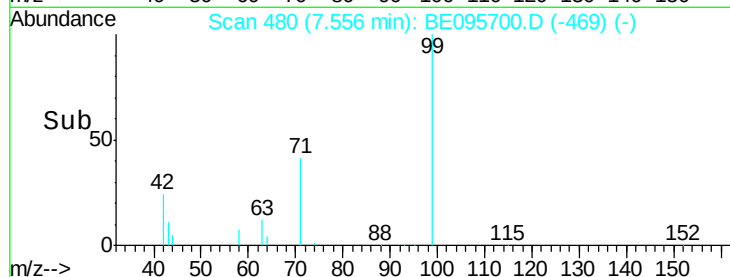
71 41.8 28.4 42.6



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: 0.423 ng

RT: 7.83 min Scan# 508

Delta R.T. 0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

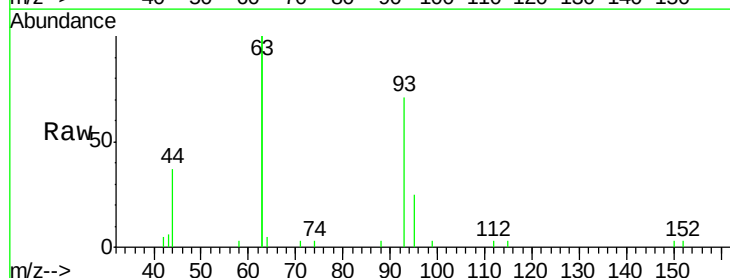
Tgt Ion: 93 Resp: 1902

Ion Ratio Lower Upper

93 100

63 334.3 275.3 412.9

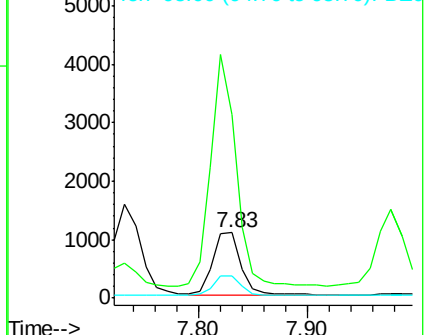
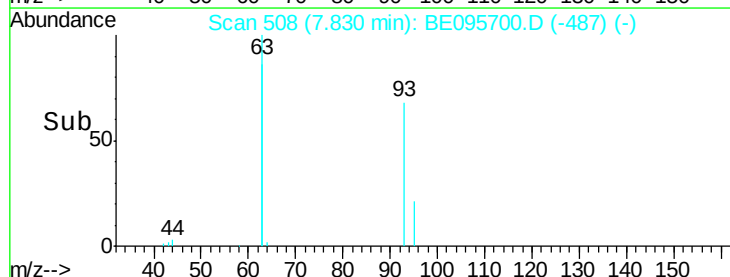
95 32.1 25.2 37.8

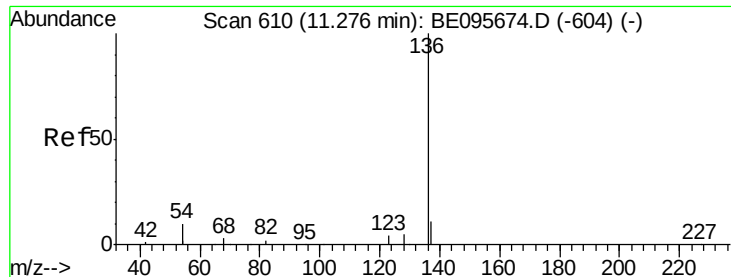


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.27 min Scan# 785

Delta R.T. -0.01 min

Lab File: BE095700.D

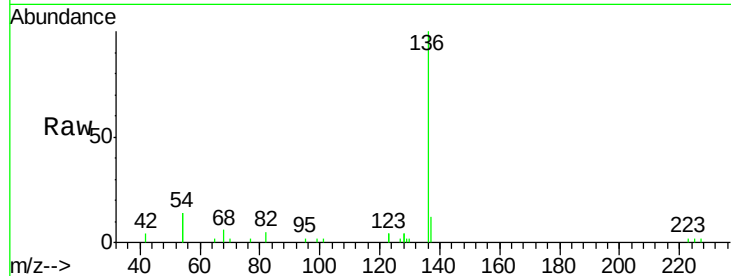
Acq: 6 Mar 2018 16:46

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	4823
Ion Ratio	Lower	Upper
136	100	
137	12.4	9.5 14.3
54	27.6	29.1 43.7#
68	6.3	6.2 9.2

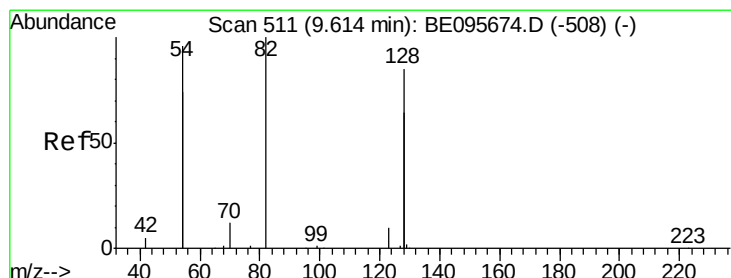
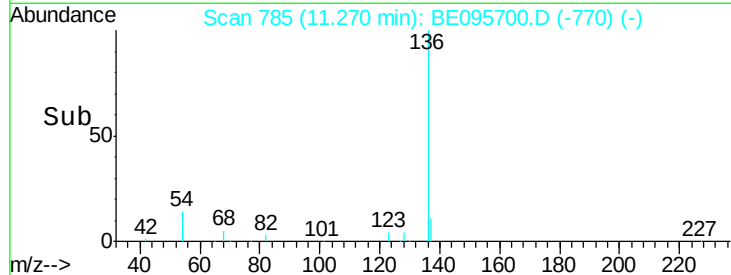
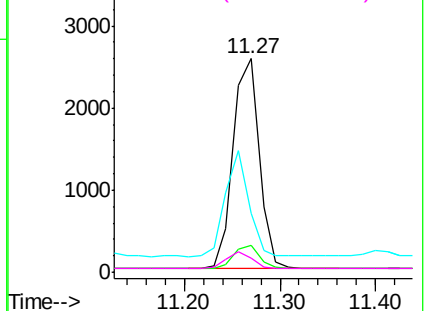


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.383 ng

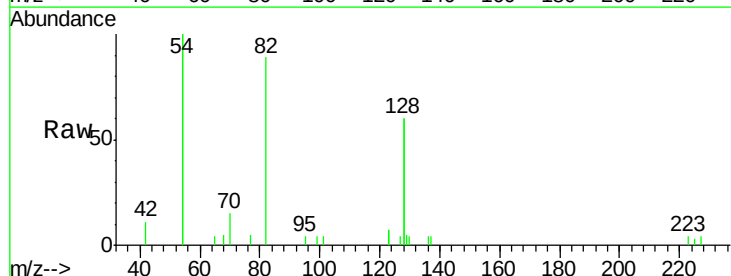
RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

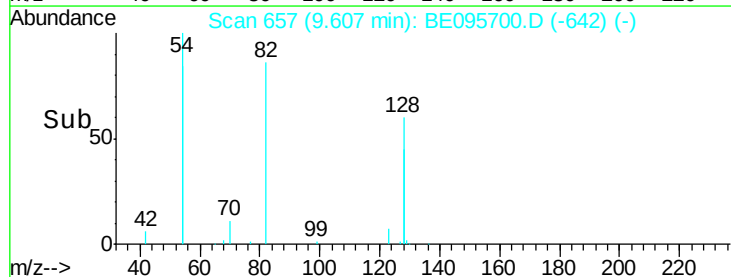
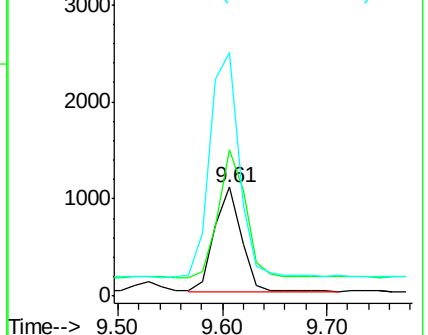
Tgt Ion: 82	Resp:	1901
Ion Ratio	Lower	Upper
82	100	
128	134.8	150.0 225.0#
54	223.8	154.2 231.4

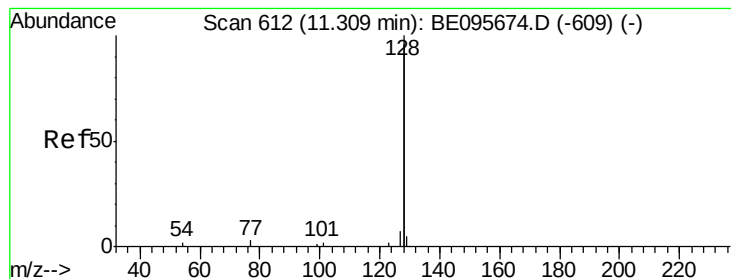


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.406 ng

RT: 11.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

Instrument :

BNA_E

ClientSampleId :

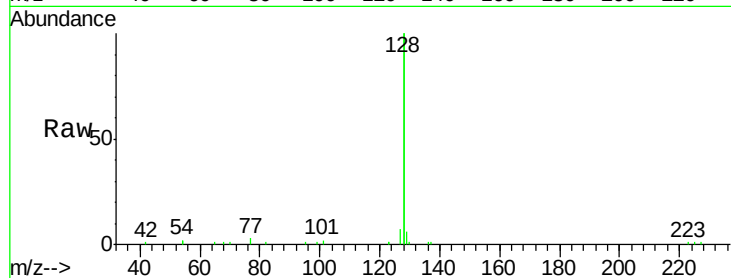
Tot Ion:128 Resp: 22545

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

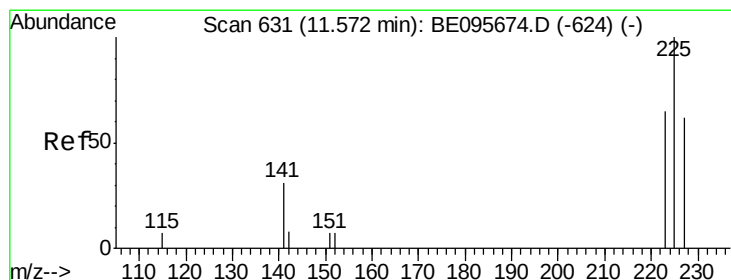
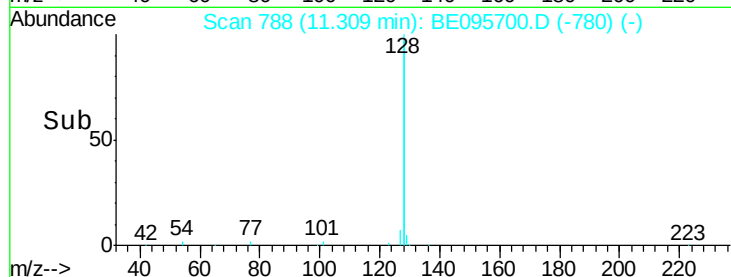
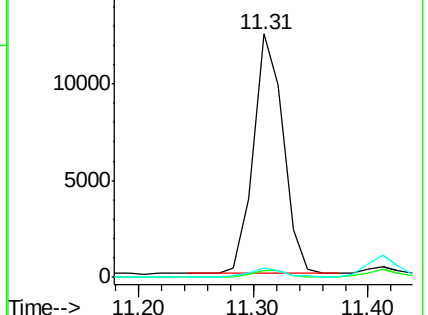
127 3.7 2.8 4.2



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: 0.357 ng

RT: 11.57 min Scan# 813

Delta R.T. 0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

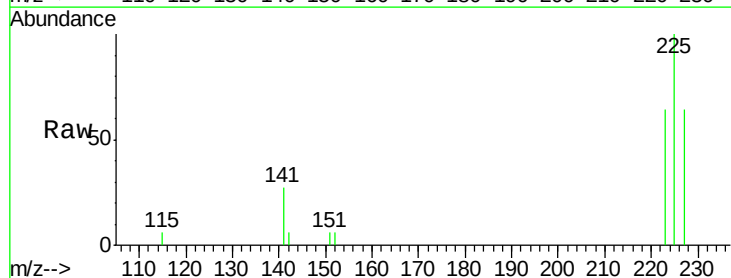
Tgt Ion:225 Resp: 1159

Ion Ratio Lower Upper

225 100

223 81.0 53.0 79.6#

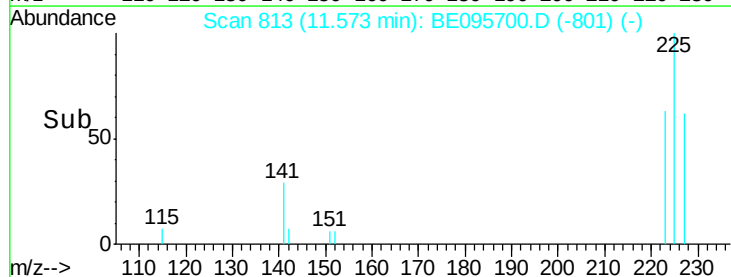
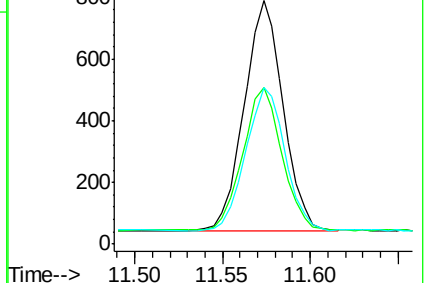
227 62.6 51.4 77.2

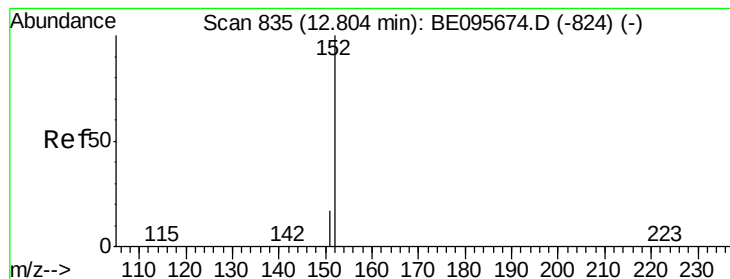


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.400 ng

RT: 12.81 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

Instrument :

BNA_E

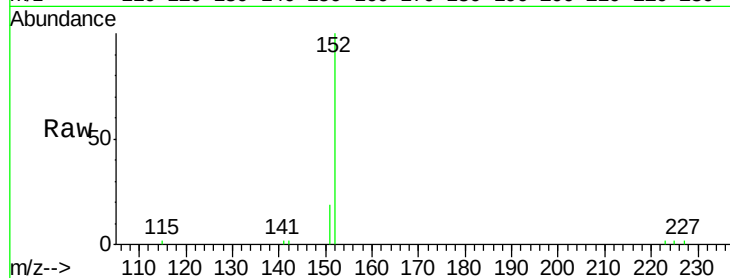
ClientSampleId :

Tot Ion:152 Resp: 3228

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.81

2000

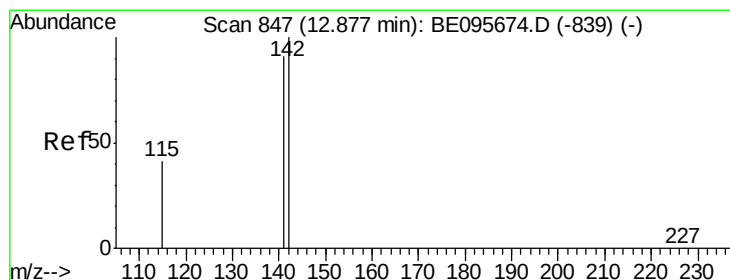
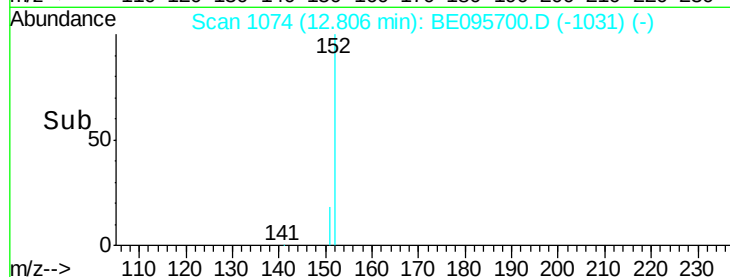
1500

1000

500

0

Time--> 12.70 12.80 12.90



#12

2-Methylnaphthalene

Concen: 0.398 ng

RT: 12.88 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

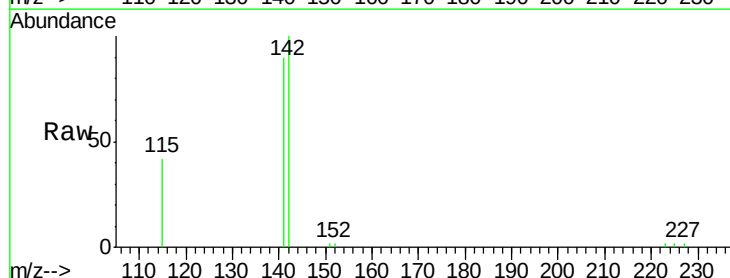
Tgt Ion:142 Resp: 3819

Ion Ratio Lower Upper

142 100

141 89.6 70.4 105.6

115 41.6 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

12.88

3000

2500

2000

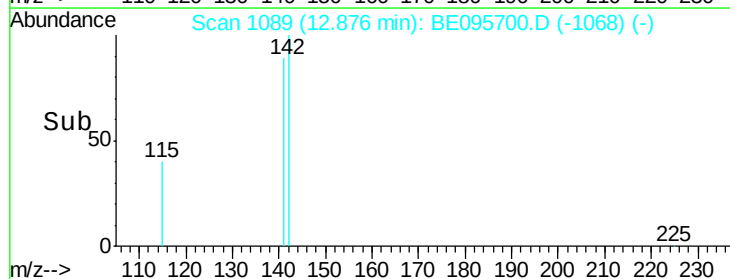
1500

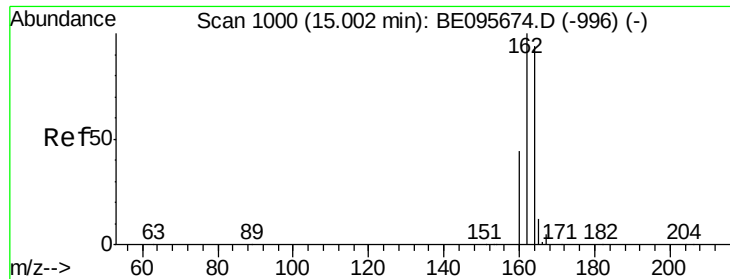
1000

500

0

Time--> 12.80 12.85 12.90 12.95





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

Instrument :

BNA_E

ClientSampled :

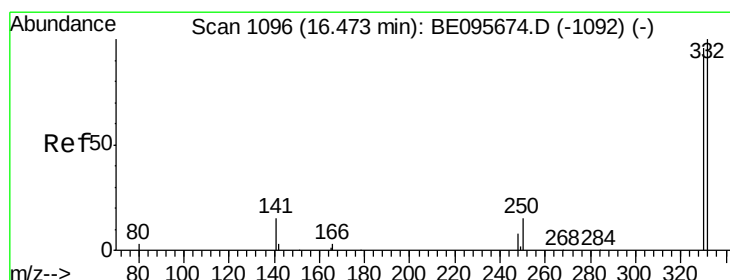
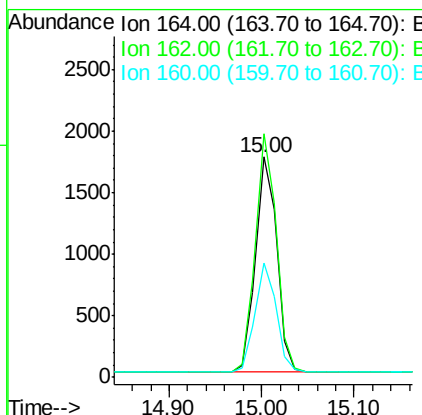
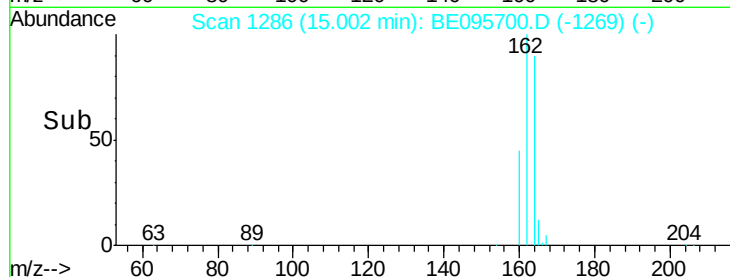
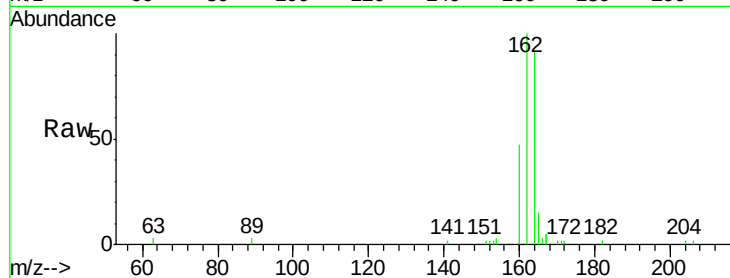
Tot Ion:164 Resp: 2800

Ion Ratio Lower Upper

164 100

162 110.4 83.1 124.7

160 51.6 37.1 55.7



#14

2,4,6-Tribromophenol

Concen: 0.377 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

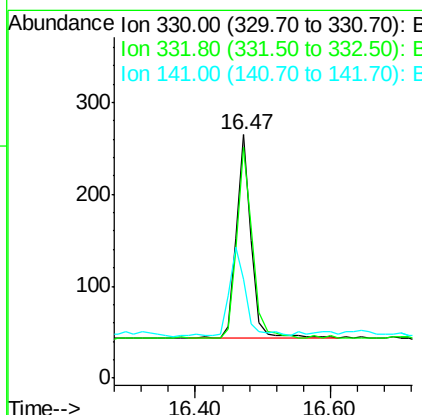
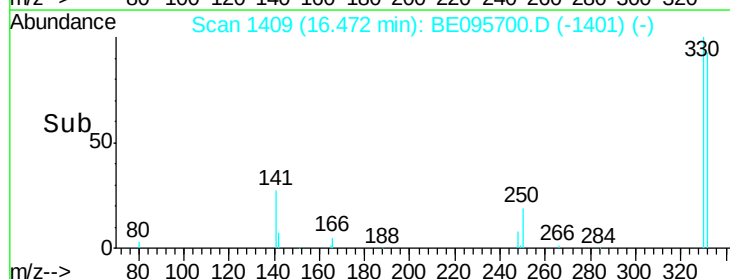
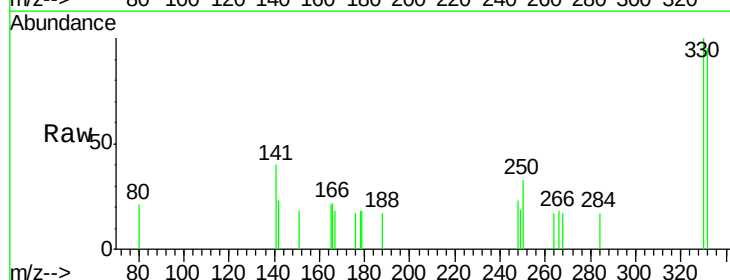
Tgt Ion:330 Resp: 350

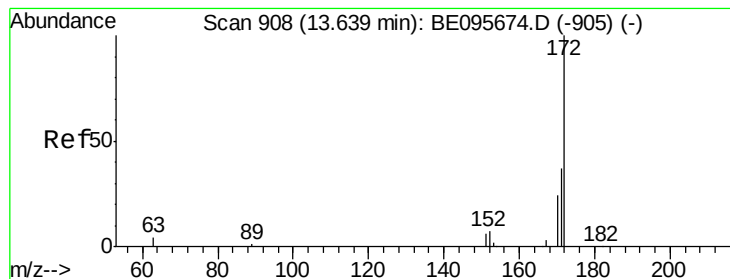
Ion Ratio Lower Upper

330 100

332 97.7 152.7 229.1#

141 46.3 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.385 ng

RT: 13.64 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

Instrument :

BNA_E

ClientSampleId :

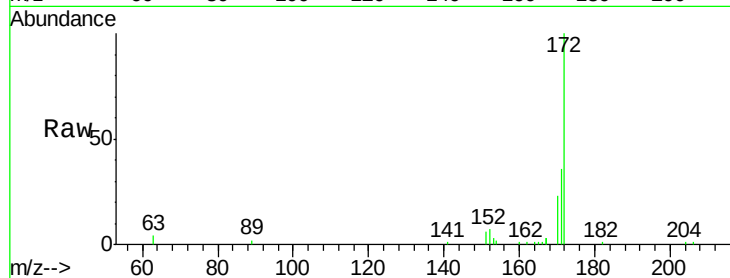
Tot Ion:172 Resp: 4818

Ion Ratio Lower Upper

172 100

171 35.7 29.9 44.9

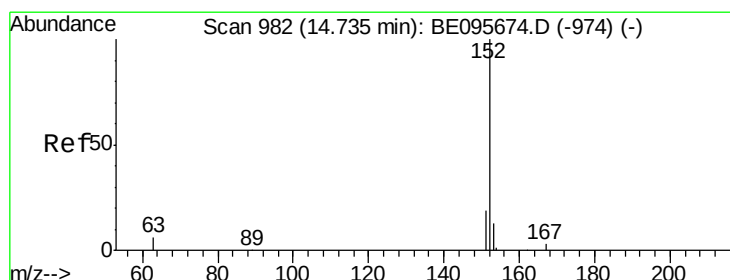
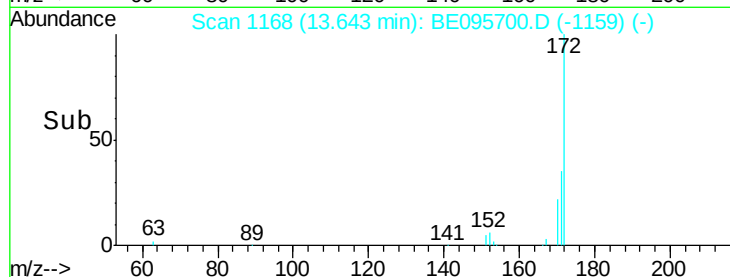
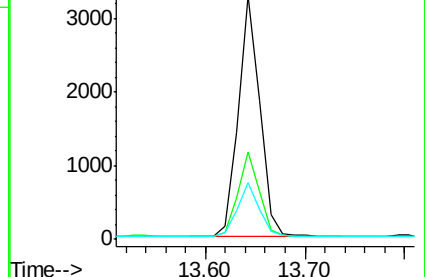
170 23.4 21.8 32.8



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: 0.372 ng

RT: 14.74 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

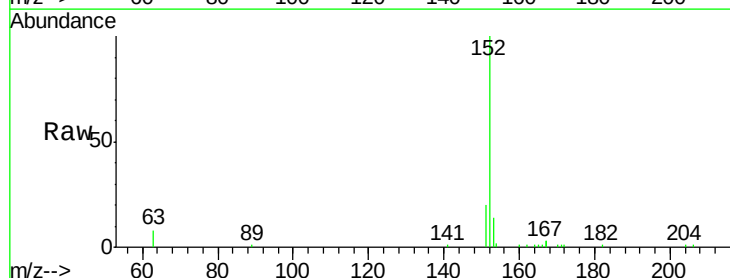
Tgt Ion:152 Resp: 5851

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

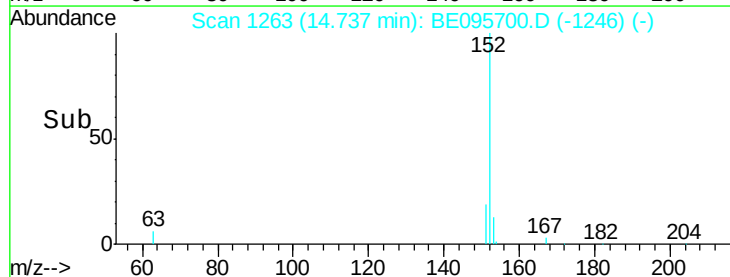
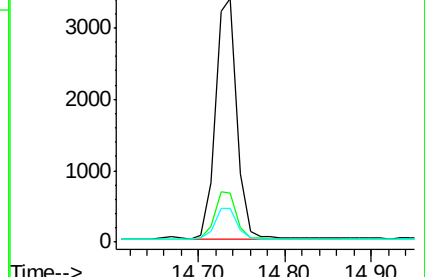
153 13.0 10.5 15.7

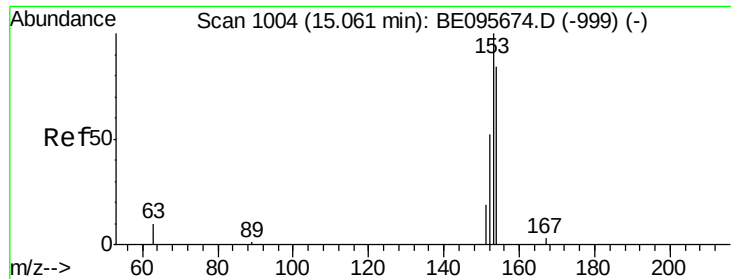


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.387 ng

RT: 15.07 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

Instrument :

BNA_E

ClientSampleId :

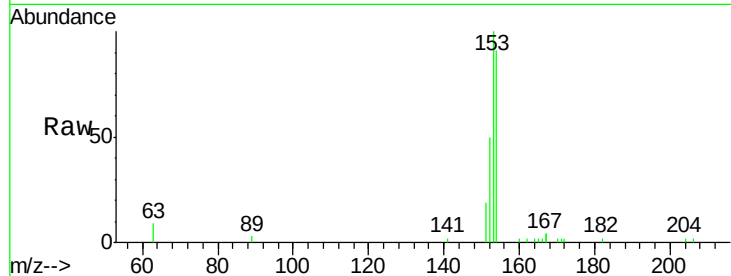
Tot Ion:154 Resp: 3818

Ion Ratio Lower Upper

154 100

153 113.5 89.2 133.8

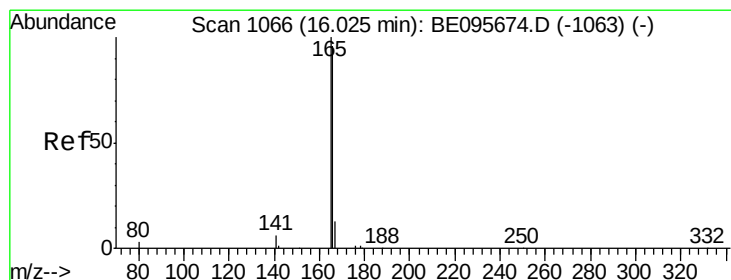
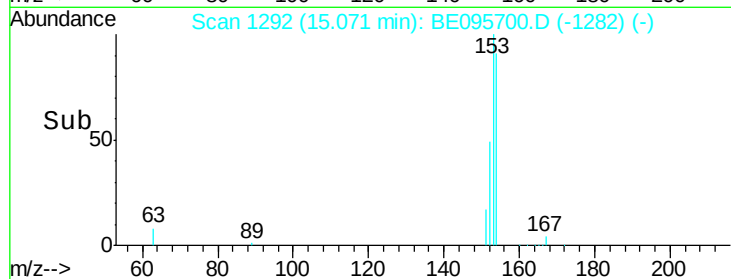
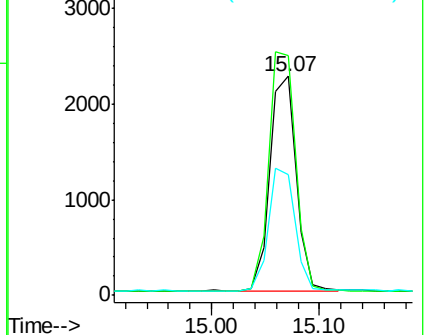
152 57.6 42.0 63.0



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: 0.385 ng

RT: 16.03 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

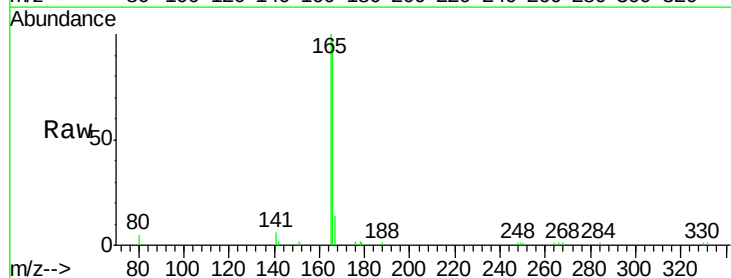
Tgt Ion:166 Resp: 4715

Ion Ratio Lower Upper

166 100

165 100.6 77.8 116.6

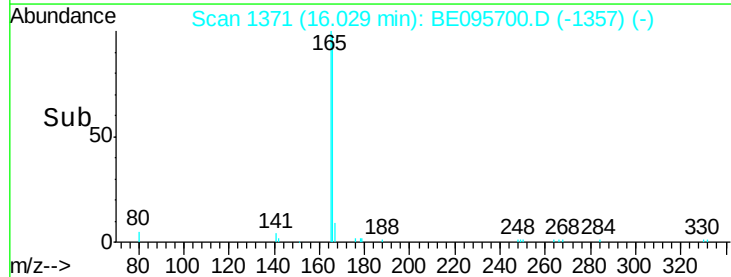
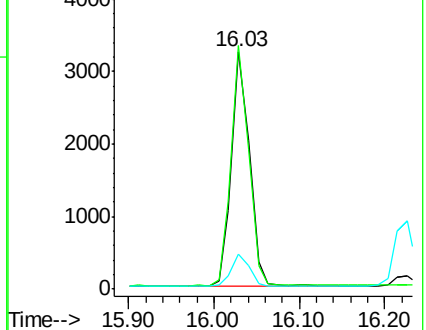
167 13.4 42.4 63.6#

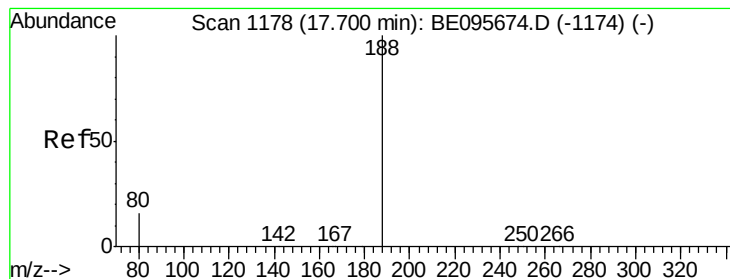


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.71 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

Instrument :

BNA_E

ClientSampleId :

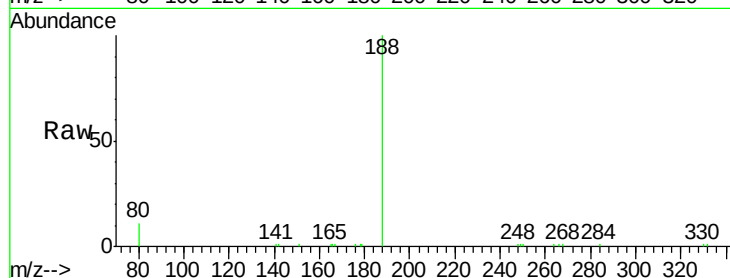
Tot Ion:188 Resp: 6614

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

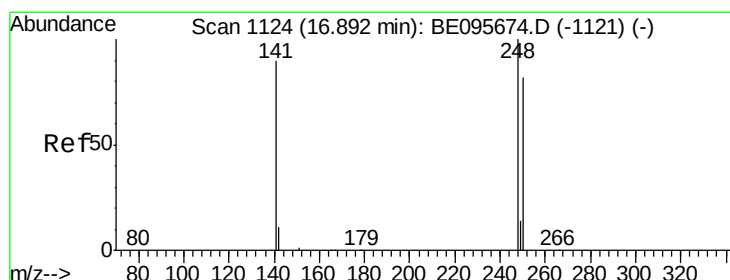
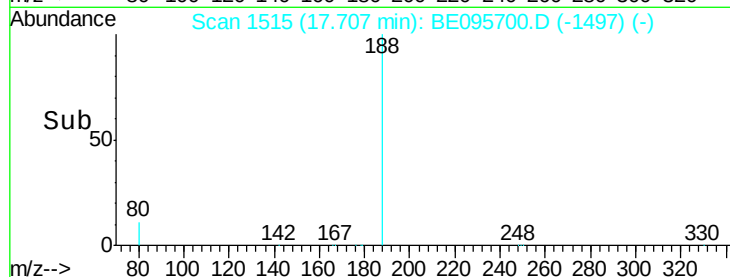
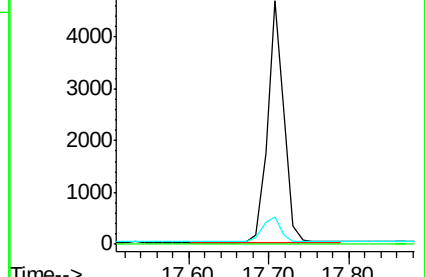
80 11.5 3.6 5.4#



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: 0.361 ng

RT: 16.90 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

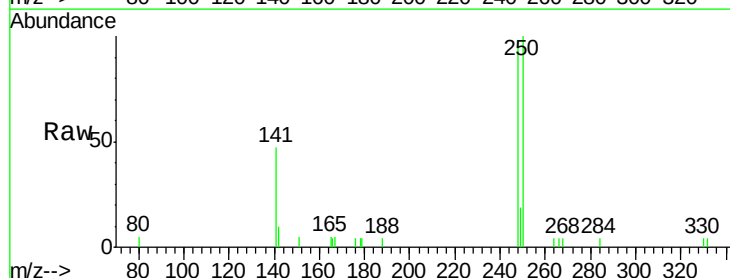
Tgt Ion:248 Resp: 1498

Ion Ratio Lower Upper

248 100

250 102.5 62.7 94.1#

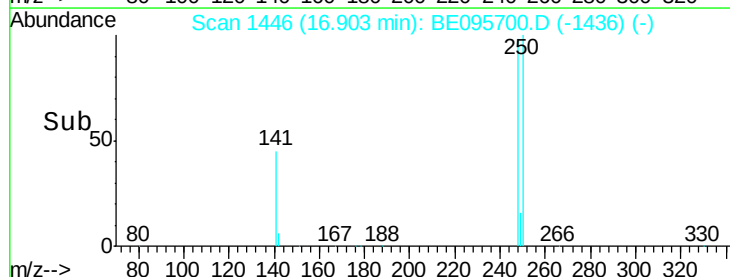
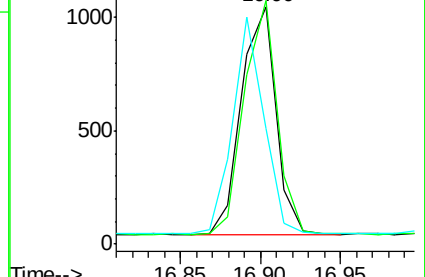
141 48.4 48.2 72.2

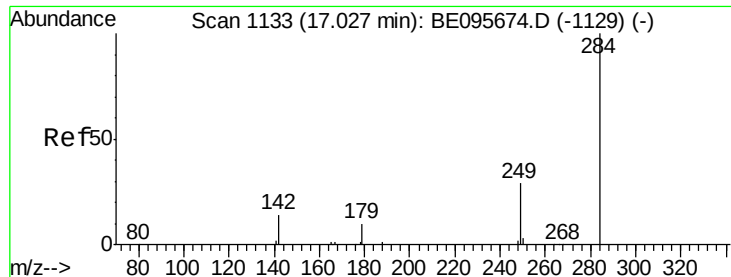


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.357 ng

RT: 17.02 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

Instrument :

BNA_E

ClientSampled :

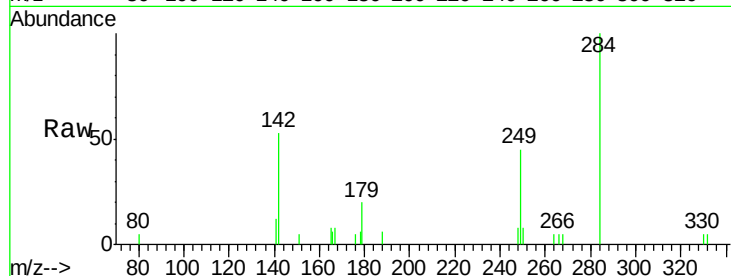
Tot Ion:284 Resp: 1536

Ion Ratio Lower Upper

284 100

142 42.2 22.1 33.1#

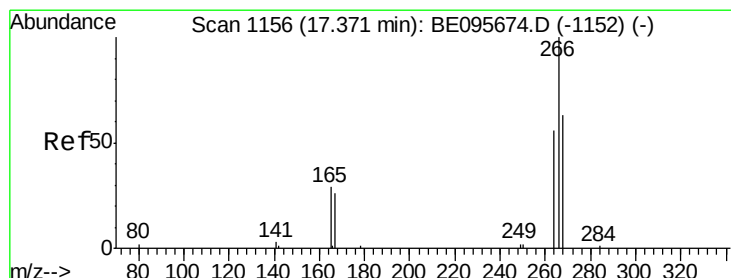
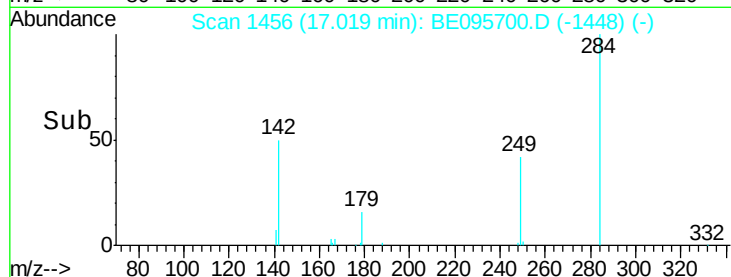
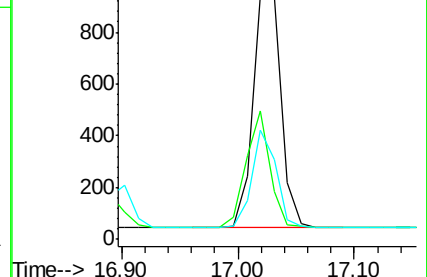
249 35.7 34.8 52.2



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: 0.395 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

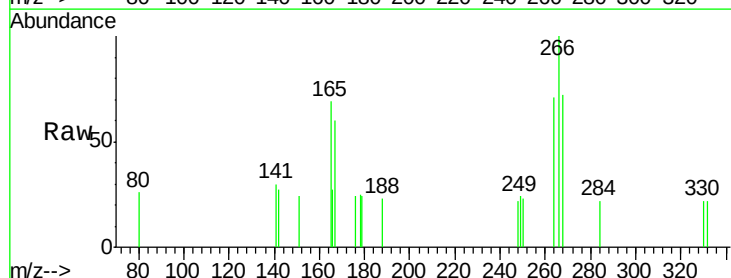
Tgt Ion:266 Resp: 341

Ion Ratio Lower Upper

266 100

264 71.0 72.5 108.7#

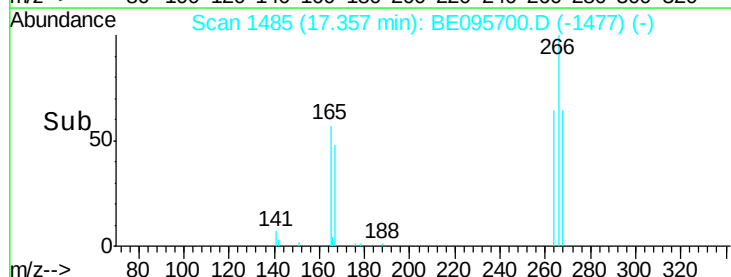
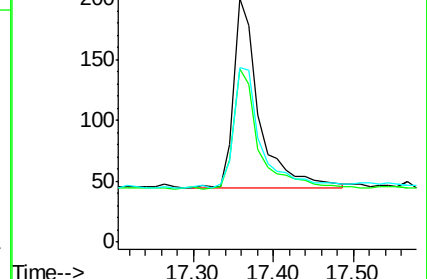
268 71.5 73.8 110.6#

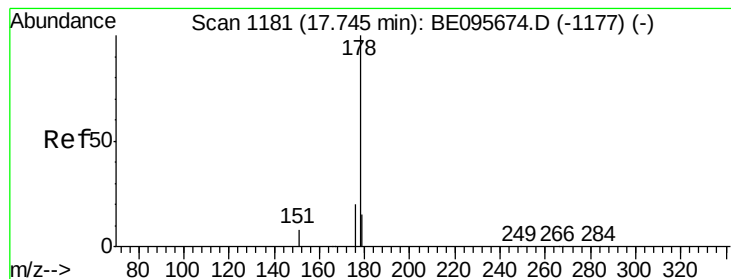


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.377 ng

RT: 17.75 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

Instrument :

BNA_E

ClientSampleId :

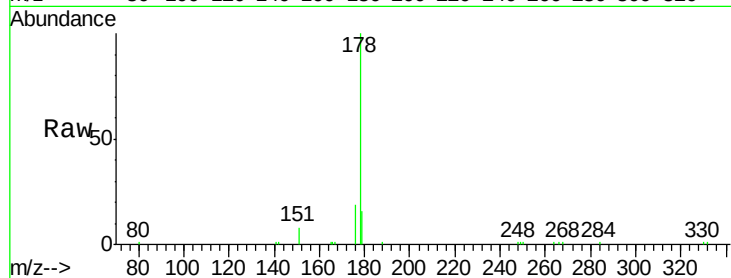
Tot Ion:178 Resp: 7787

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

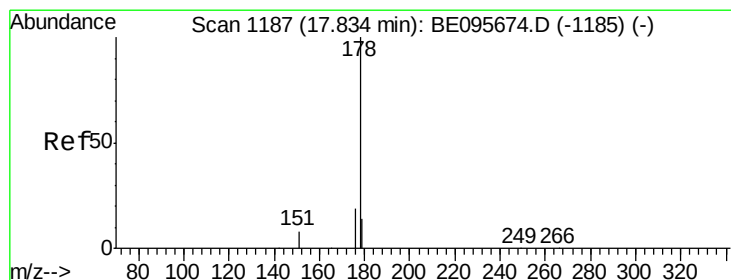
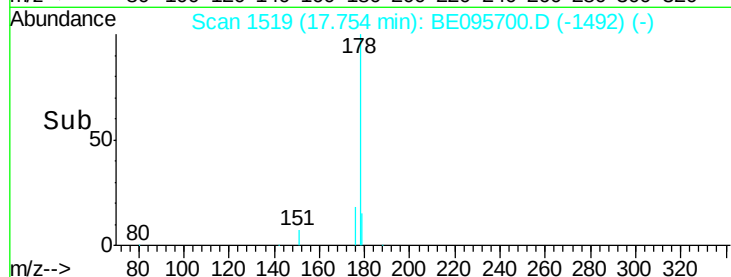
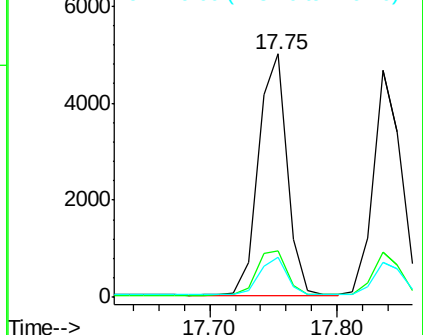
179 14.6 11.8 17.6



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: 0.368 ng

RT: 17.84 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

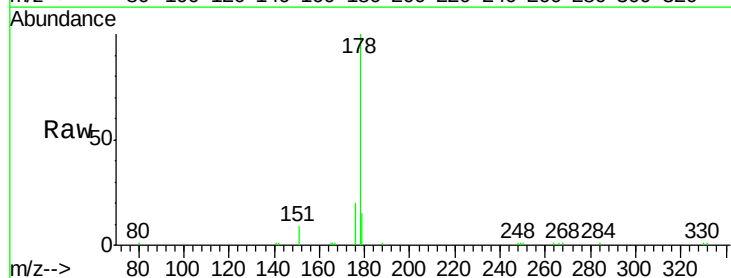
Tgt Ion:178 Resp: 6988

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

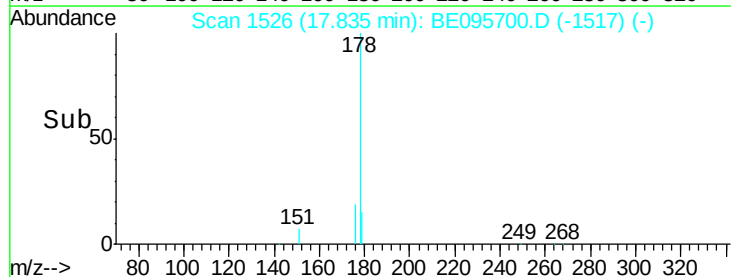
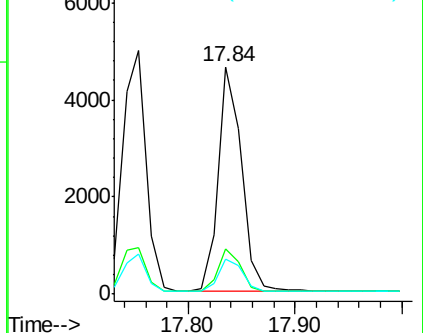
179 15.3 13.0 19.6

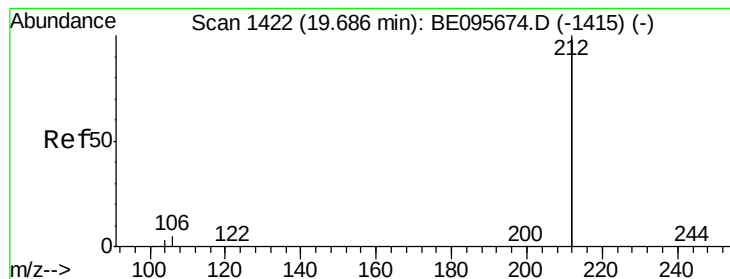


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

Instrument :

BNA_E

ClientSampleId :

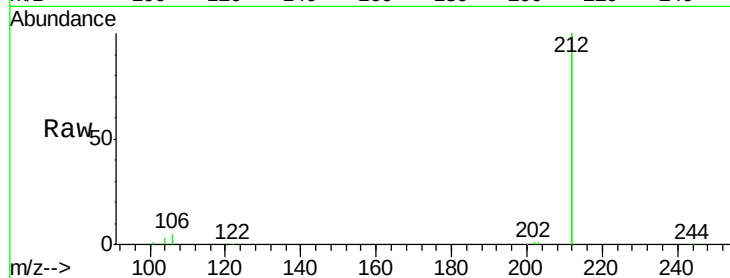
Tot Ion:212 Resp: 32175

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

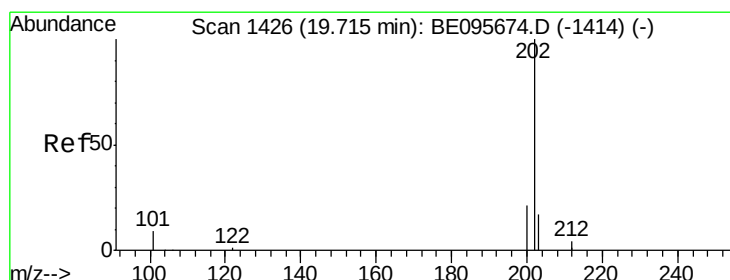
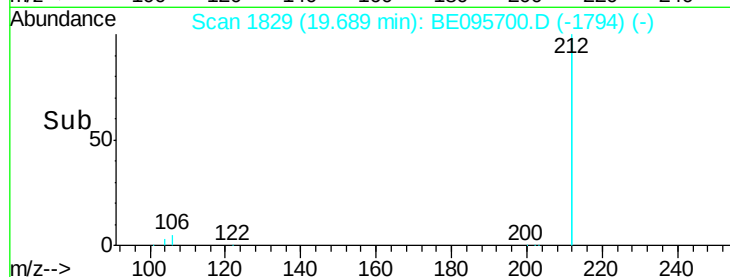
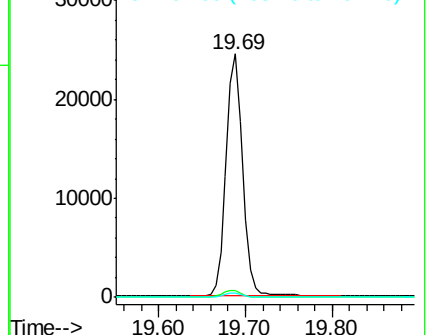
104 1.6 1.6 2.4



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: 0.373 ng

RT: 19.72 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

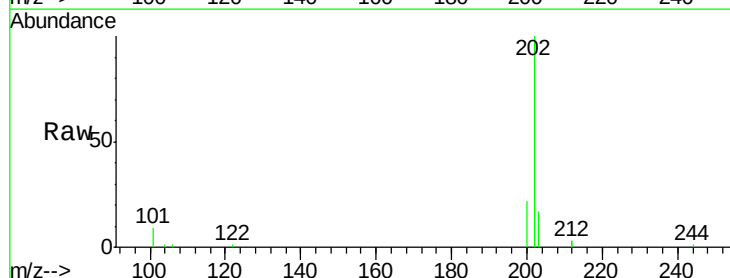
Tgt Ion:202 Resp: 9498

Ion Ratio Lower Upper

202 100

101 9.8 9.8 14.8#

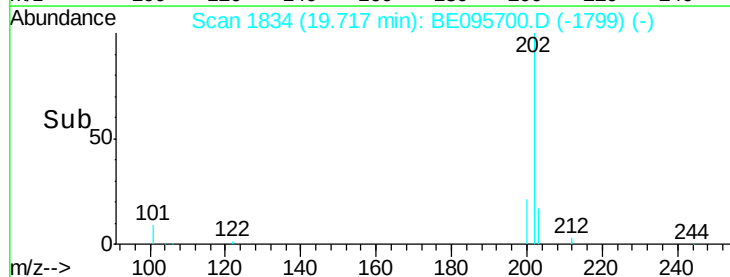
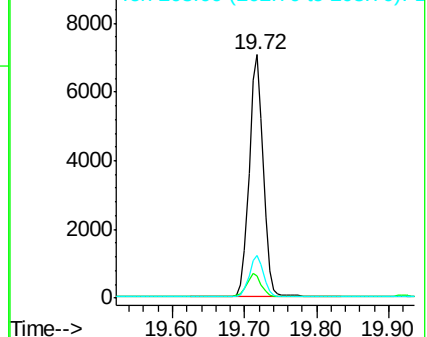
203 16.9 13.7 20.5

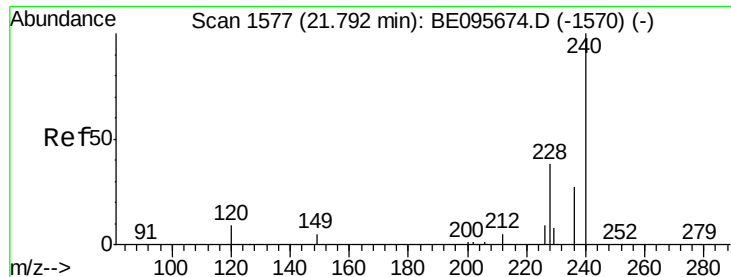


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.80 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

Instrument :

BNA_E

ClientSampleId :

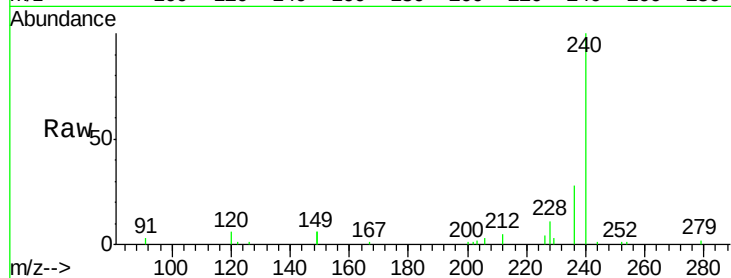
Tot Ion:240 Resp: 6710

Ion Ratio Lower Upper

240 100

120 6.3 5.5 8.3

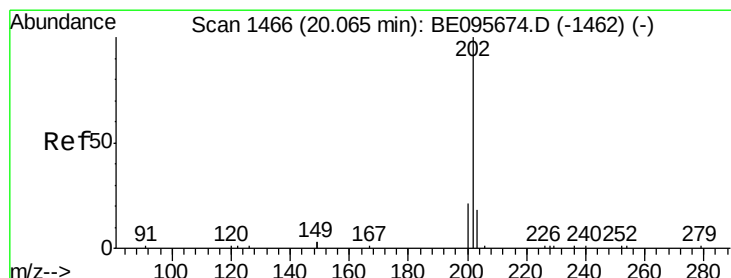
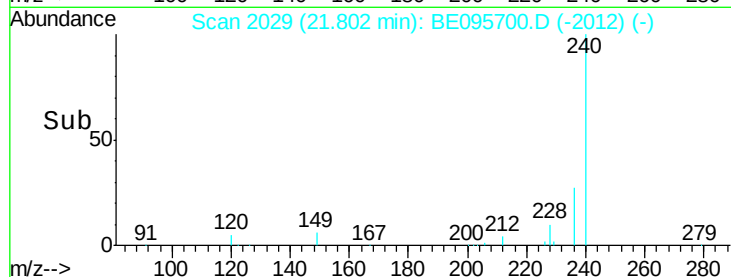
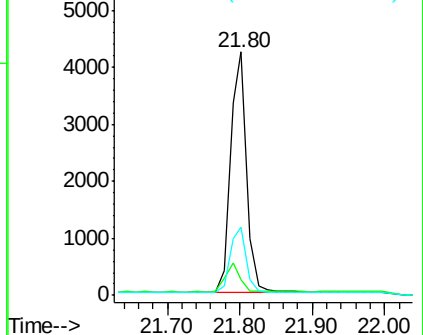
236 28.0 20.7 31.1



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: 0.395 ng

RT: 20.07 min Scan# 1886

Delta R.T. 0.01 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

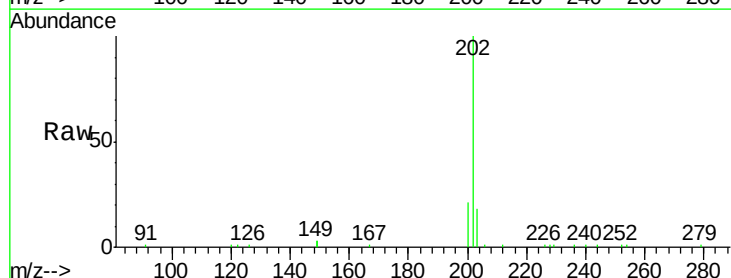
Tgt Ion:202 Resp: 10834

Ion Ratio Lower Upper

202 100

200 23.5 16.6 25.0

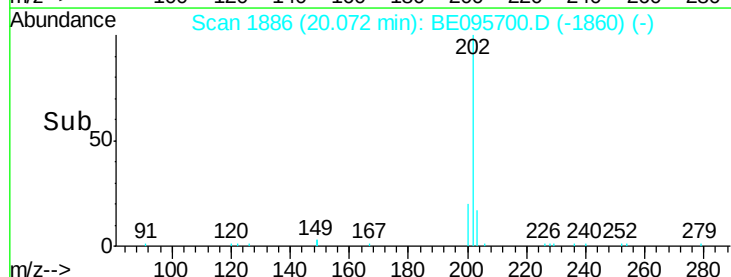
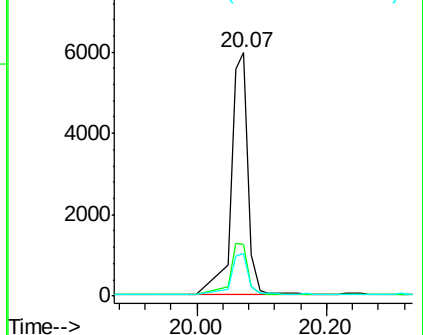
203 18.8 13.8 20.8

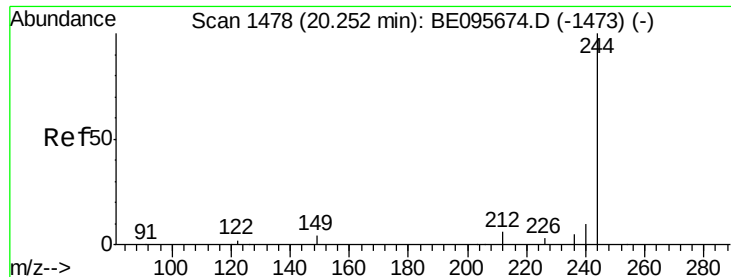


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.392 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

Instrument :

BNA_E

ClientSampleId :

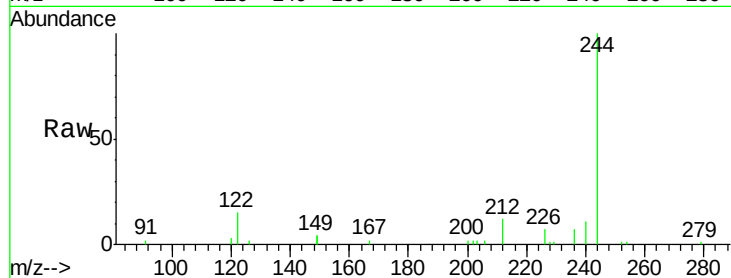
Tot Ion:244 Resp: 5249

Ion Ratio Lower Upper

244 100

212 12.4 25.4 38.0#

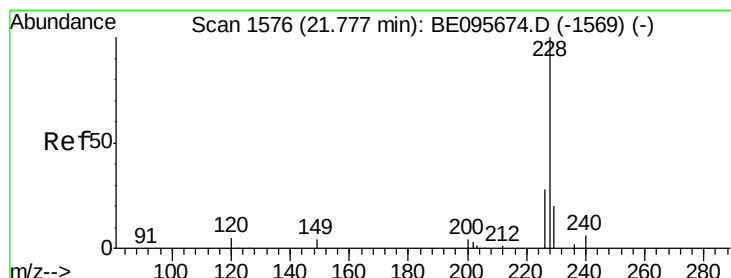
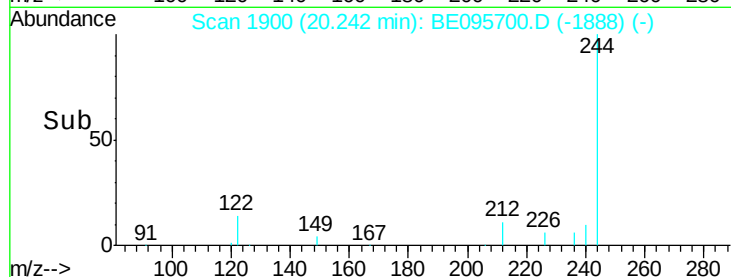
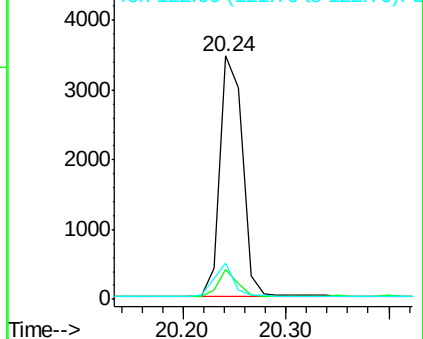
122 14.8 8.1 12.1#



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: 0.396 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

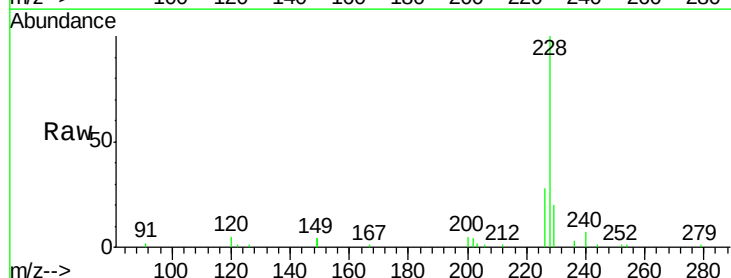
Tgt Ion:228 Resp: 8678

Ion Ratio Lower Upper

228 100

226 27.6 24.0 36.0

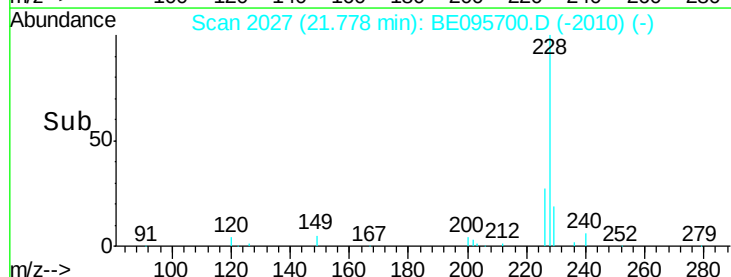
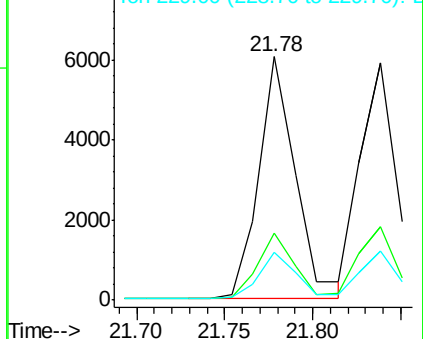
229 19.8 16.0 24.0

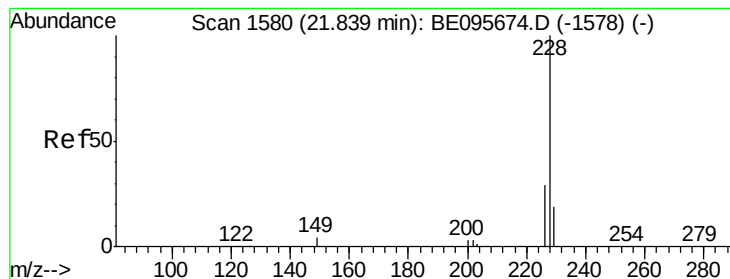


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.381 ng

RT: 21.84 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

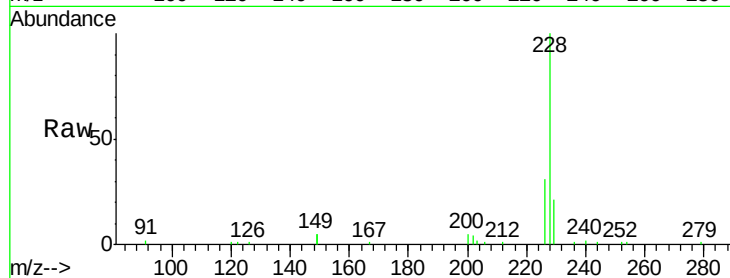
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 8293

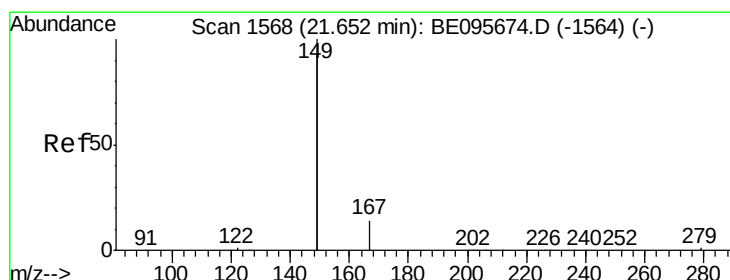
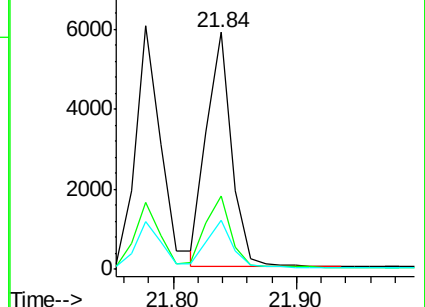
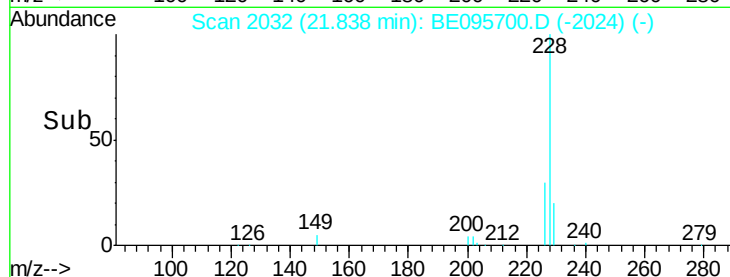
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	20.6	16.0	24.0



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: 0.344 ng

RT: 21.66 min Scan# 2017

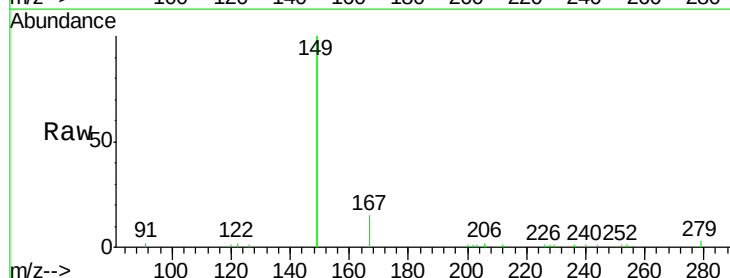
Delta R.T. 0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

Tgt Ion:149 Resp: 13319

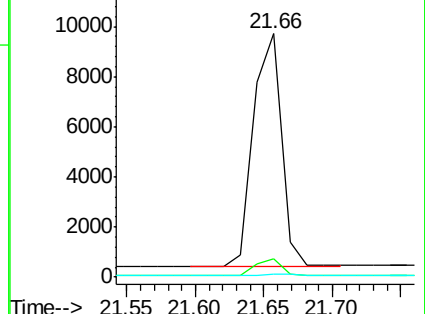
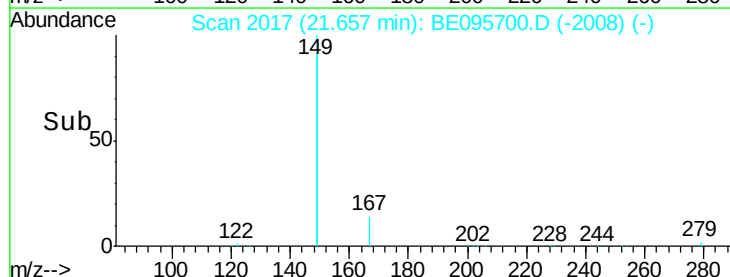
Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	1.0	0.7	1.1

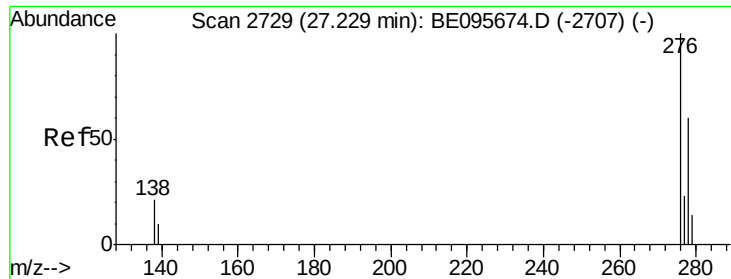


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

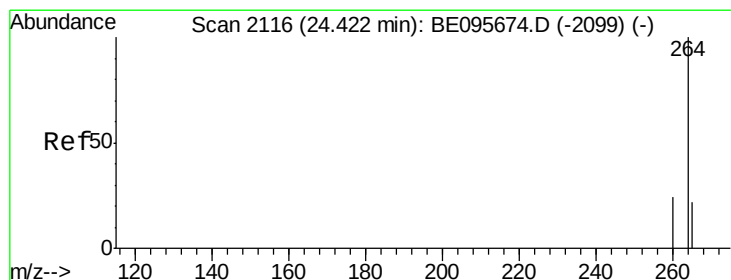
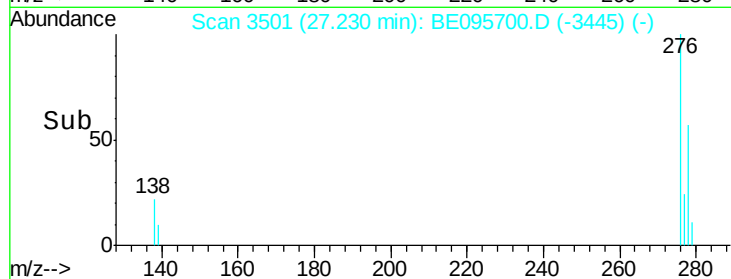
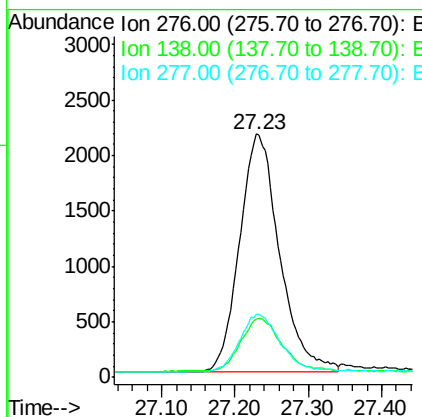
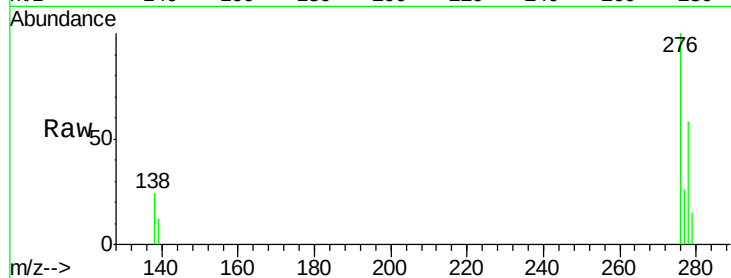




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.384 ng
 RT: 27.23 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: BE095700.D
 Acq: 6 Mar 2018 16:46

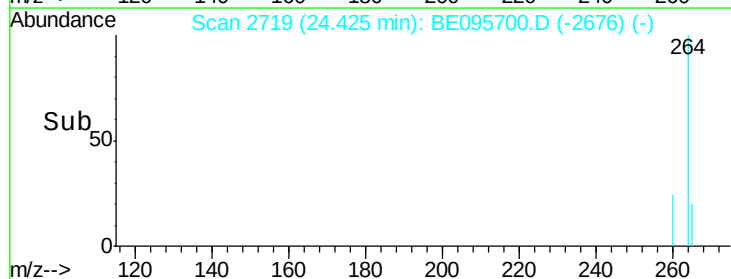
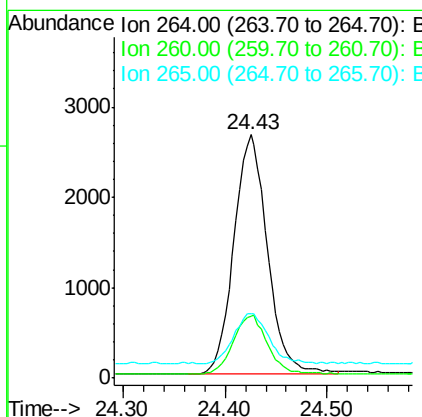
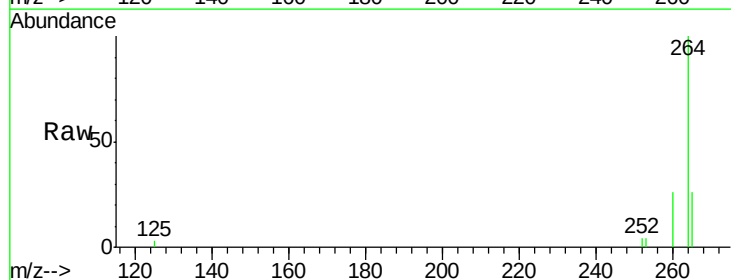
Instrument :
 BNA_E
 ClientSampleId :

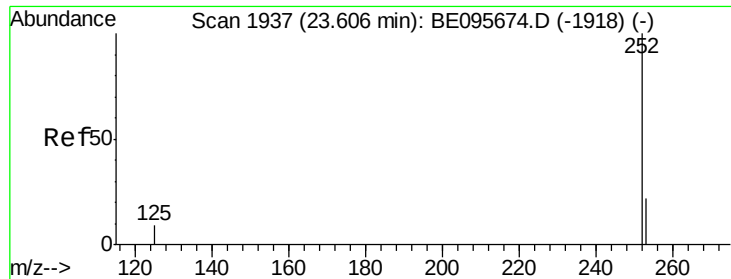
Tot Ion:276 Resp: 8106
 Ion Ratio Lower Upper
 276 100
 138 21.9 22.5 33.7#
 277 25.2 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.43 min Scan# 2719
 Delta R.T. 0.00 min
 Lab File: BE095700.D
 Acq: 6 Mar 2018 16:46

Tgt Ion:264 Resp: 6038
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.5 30.7
 265 26.5 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.373 ng

RT: 23.61 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

Instrument :

BNA_E

ClientSampleId :

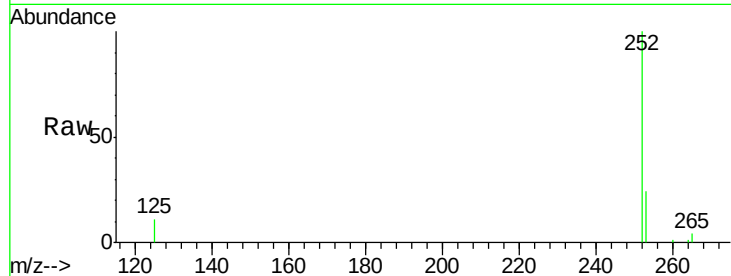
Tot Ion:252 Resp: 8033

Ion Ratio Lower Upper

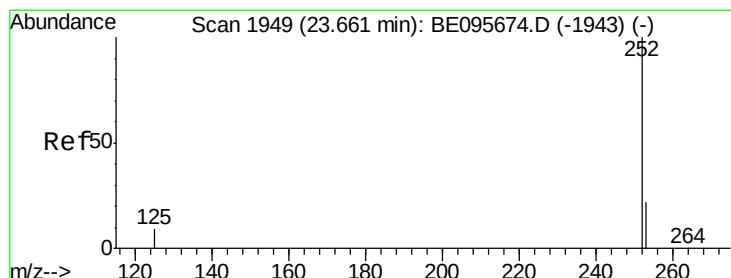
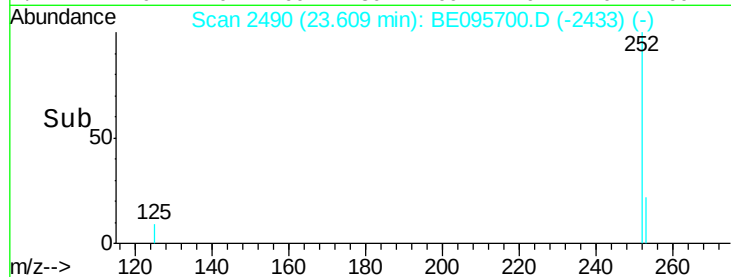
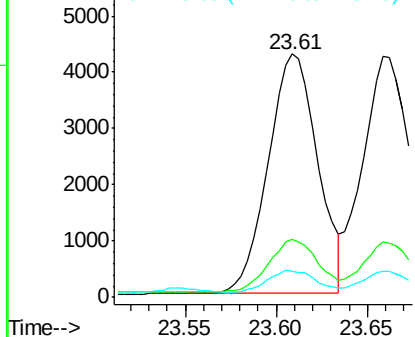
252 100

253 24.1 20.0 30.0

125 10.5 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: 0.386 ng

RT: 23.66 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

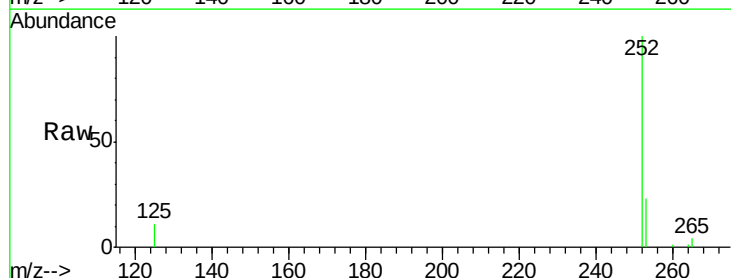
Tgt Ion:252 Resp: 8268

Ion Ratio Lower Upper

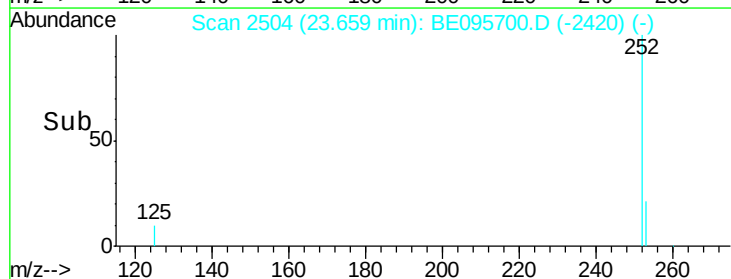
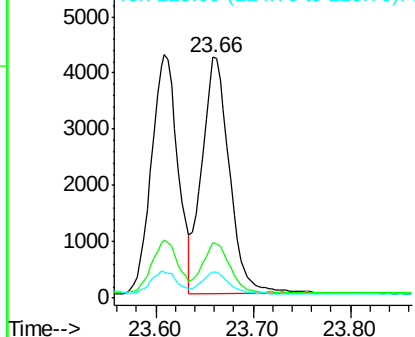
252 100

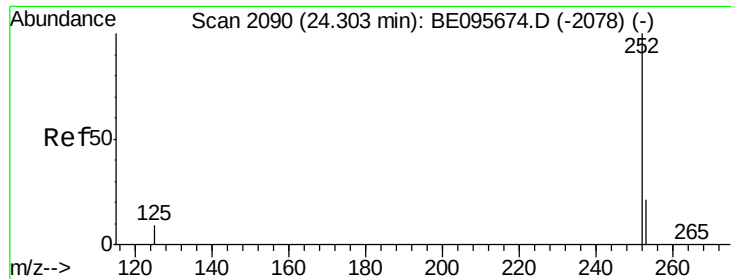
253 23.1 16.0 24.0

125 11.0 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: 0.390 ng

RT: 24.30 min Scan# 2685

Delta R.T. 0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

Instrument :

BNA_E

ClientSampleId :

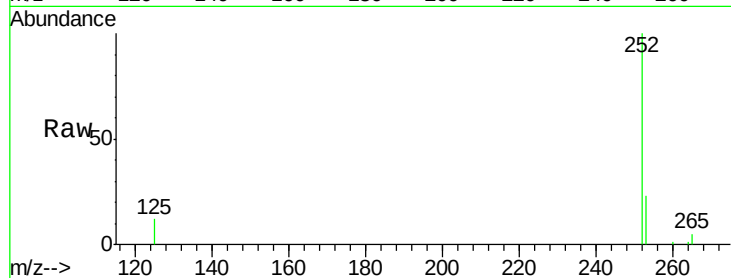
Tot Ion:252 Resp: 7557

Ion Ratio Lower Upper

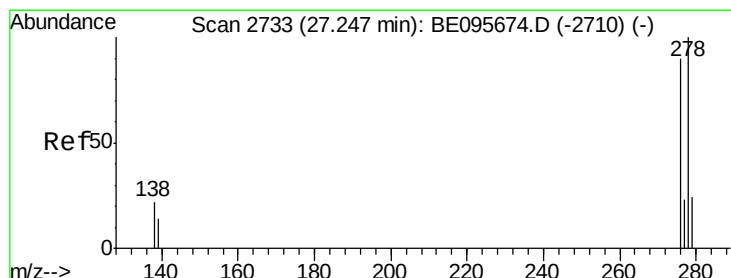
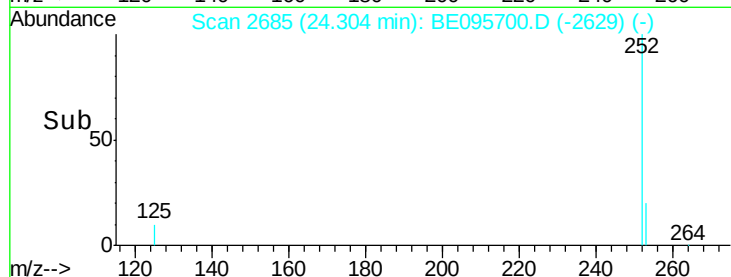
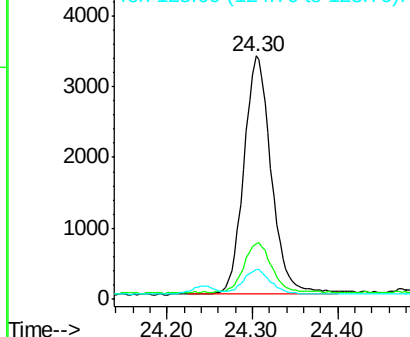
252 100

253 23.0 16.0 24.0

125 12.1 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: 0.385 ng

RT: 27.24 min Scan# 3505

Delta R.T. -0.00 min

Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

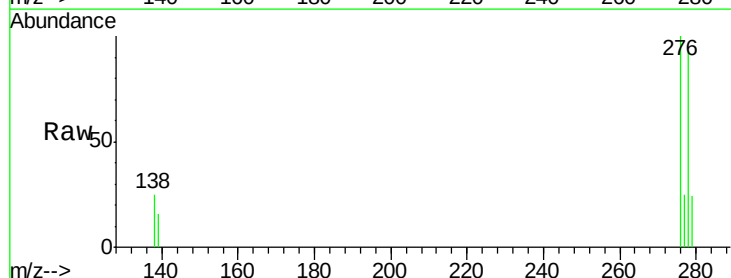
Tgt Ion:278 Resp: 6633

Ion Ratio Lower Upper

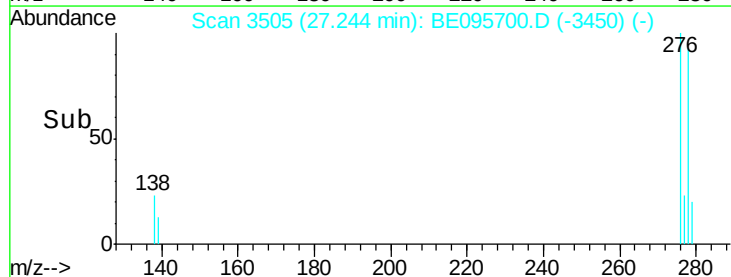
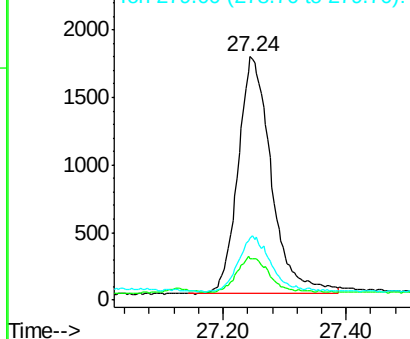
278 100

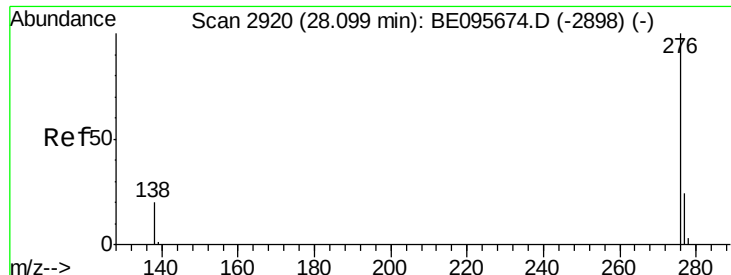
139 17.1 16.0 24.0

279 25.2 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: 0.372 ng

RT: 28.11 min Scan# 3747

Delta R.T. 0.01 min

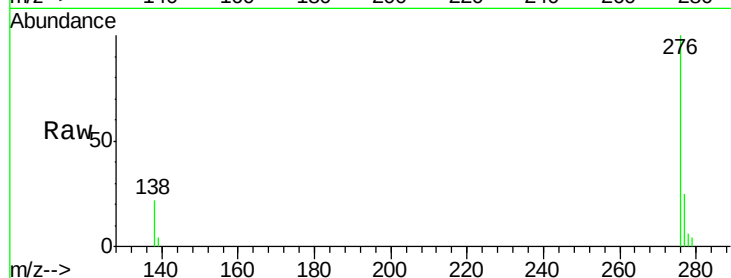
Lab File: BE095700.D

Acq: 6 Mar 2018 16:46

Instrument :

BNA_E

ClientSampleId :



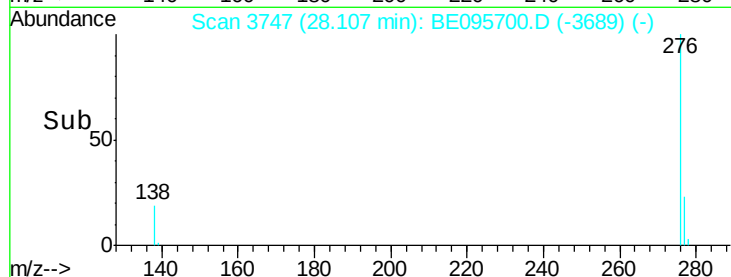
Tot Ion:276 Resp: 6876

Ion Ratio Lower Upper

276 100

277 25.4 16.0 24.0#

138 21.6 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

