

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022318\
 Data File : BE095686.D
 Acq On : 23 Feb 2018 16:54
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Feb 23 18:25:06 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	8.42	152	1281	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	5271	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3209	0.40	ng	0.00
19) Phenanthrene-d10	17.70	188	7233	0.40	ng	0.00
27) Chrysene-d12	21.79	240	7349	0.40	ng	0.00
34) Perylene-d12	24.42	264	6697	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.92	112	1369	0.40	ng	0.00
5) Phenol-d6	7.55	99	1975	0.42	ng	0.00
8) Nitrobenzene-d5	9.61	82	2064	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3621	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	435	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	5465	0.38	ng	0.00
25) Fluoranthene-d10	19.69	212	34956	0.37	ng	0.00
29) Terphenyl-d14	20.25	244	5600	0.38	ng	0.00

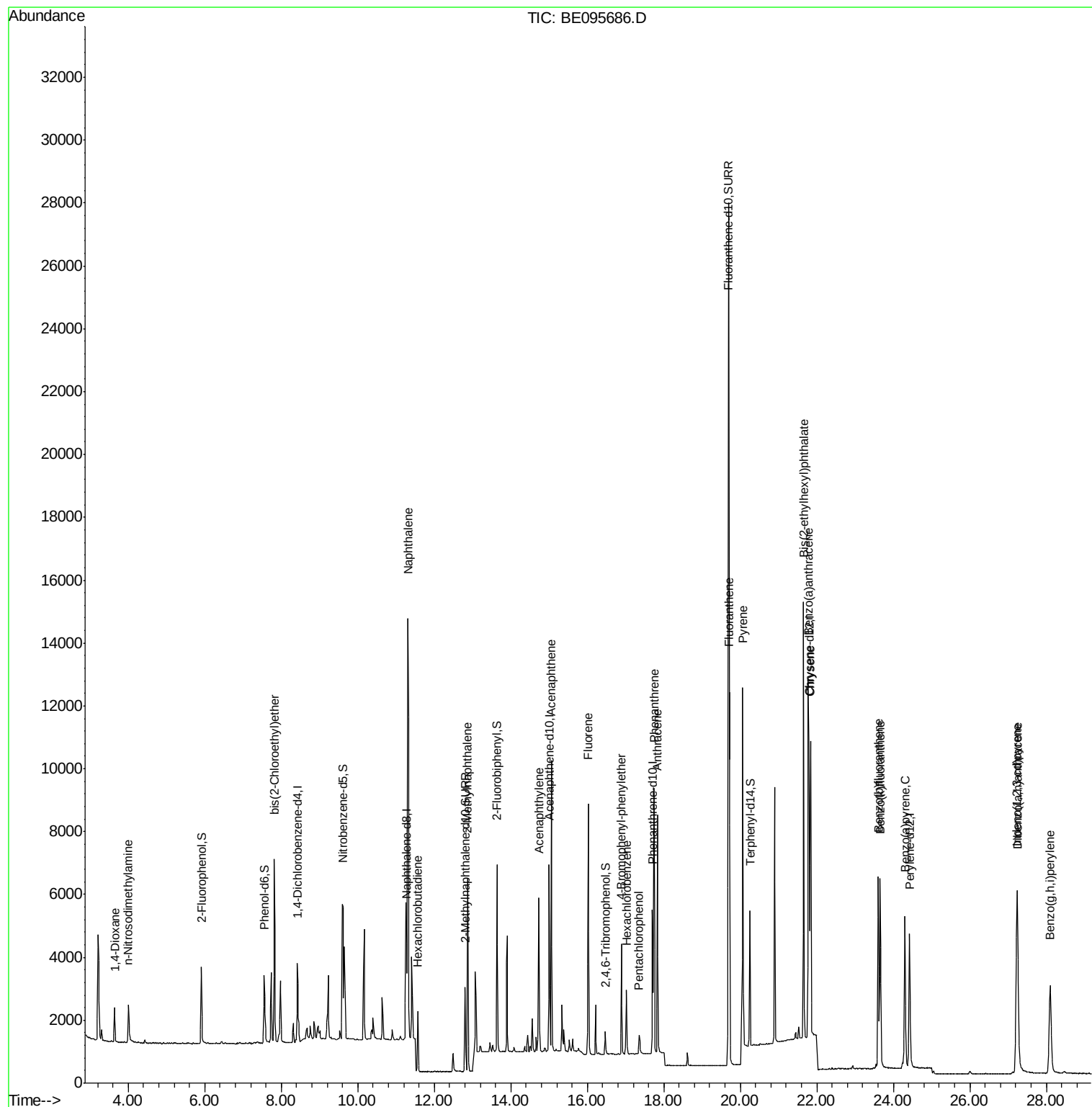
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	868	0.43	ng	# 91
3) n-Nitrosodimethylamine	3.99	42	1002	0.40	ng	85
6) bis(2-Chloroethyl)ether	7.82	93	2026	0.42	ng	94
9) Naphthalene	11.31	128	24575	0.40	ng	99
10) Hexachlorobutadiene	11.57	225	1492	0.42	ng	97
12) 2-Methylnaphthalene	12.87	142	4283	0.41	ng	96
16) Acenaphthylene	14.74	152	6723	0.37	ng	99
17) Acenaphthene	15.06	154	4305	0.38	ng	94
18) Fluorene	16.02	166	5380	0.38	ng	# 79
20) 4-Bromophenyl-phenylether	16.89	248	1704	0.38	ng	# 79
21) Hexachlorobenzene	17.03	284	1767	0.38	ng	# 82
22) Pentachlorophenol	17.36	266	385	0.40	ng	# 78
23) Phenanthrene	17.74	178	8615	0.38	ng	98
24) Anthracene	17.83	178	7786	0.38	ng	# 95
26) Fluoranthene	19.72	202	10285	0.37	ng	98
28) Pyrene	20.06	202	12238	0.41	ng	99
30) Benzo(a)anthracene	21.78	228	9145	0.38	ng	97
31) Chrysene	21.84	228	9139	0.38	ng	100
32) Bis(2-ethylhexyl)phthalate	21.65	149	15837	0.37	ng	100
33) Indeno(1,2,3-cd)pyrene	27.23	276	9205	0.40	ng	# 93
35) Benzo(b)fluoranthene	23.61	252	9017	0.38	ng	# 89
36) Benzo(k)fluoranthene	23.66	252	8848	0.37	ng	95
37) Benzo(a)pyrene	24.30	252	8199	0.38	ng	# 92
38) Dibenzo(a,h)anthracene	27.25	278	7397	0.39	ng	95
39) Benzo(g,h,i)perylene	28.10	276	7669	0.37	ng	# 92

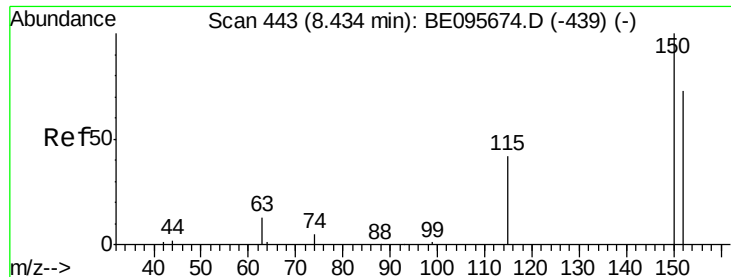
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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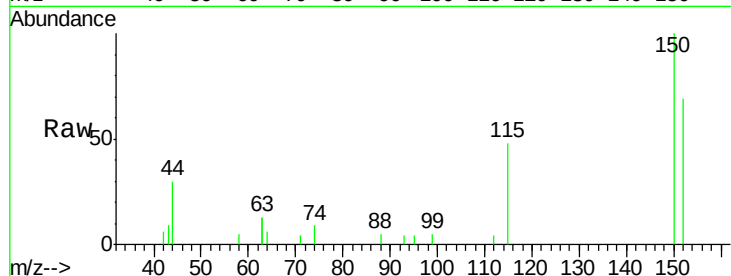


#1

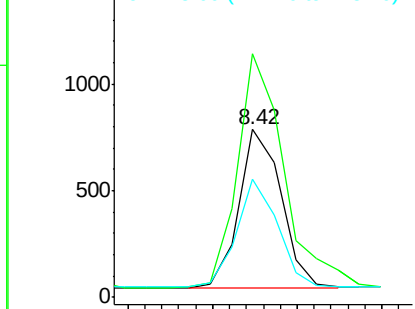
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.42 min Scan# 442
Delta R.T. -0.01 min
Lab File: BE095686.D
Acq: 23 Feb 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

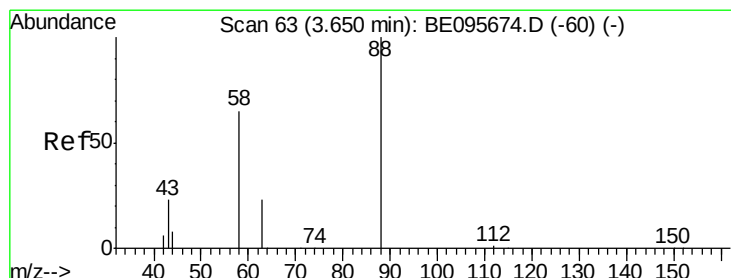
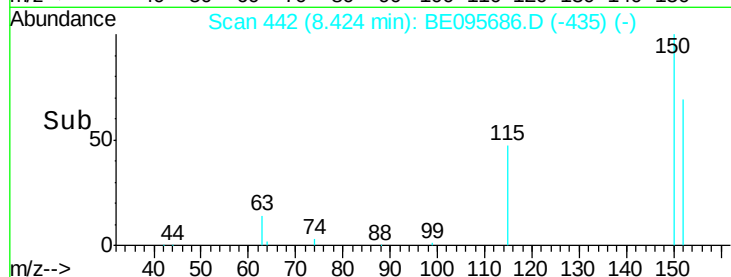
Tot Ion:152 Resp: 1281
Ion Ratio Lower Upper
152 100
150 145.2 117.2 175.8
115 70.2 57.0 85.6



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



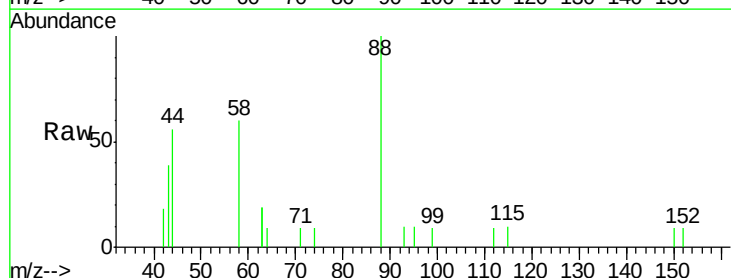
Time--> 8.35 8.40 8.45 8.50



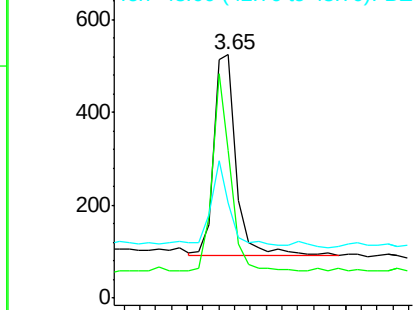
#2

1,4-Dioxane
Concen: 0.43 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095686.D
Acq: 23 Feb 2018 16:54

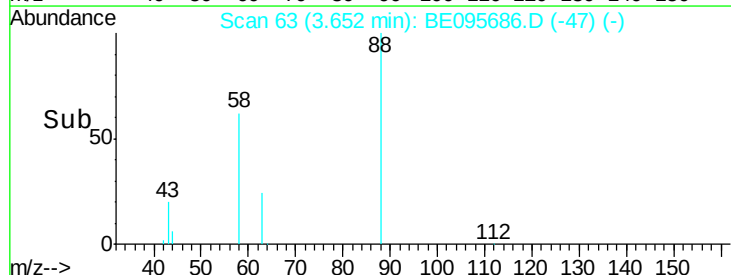
Tgt Ion: 88 Resp: 868
Ion Ratio Lower Upper
88 100
58 78.6 63.2 94.8
43 36.5 41.2 61.8#

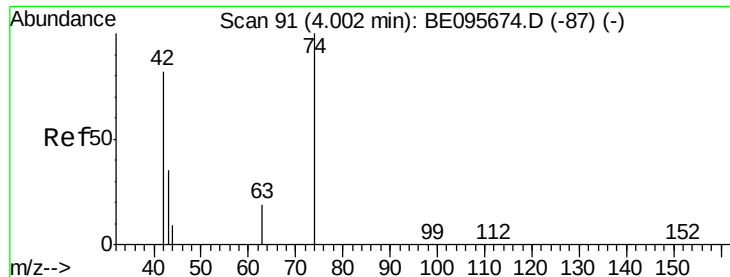


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time--> 3.60 3.70 3.80





#3

n-Nitrosodimethylamine

Concen: 0.40 ng

RT: 3.99 min Scan# 90

Delta R.T. -0.01 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

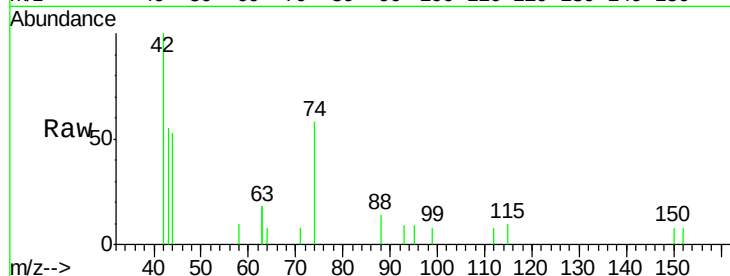
Tot Ion: 42 Resp: 1002

Ion Ratio Lower Upper

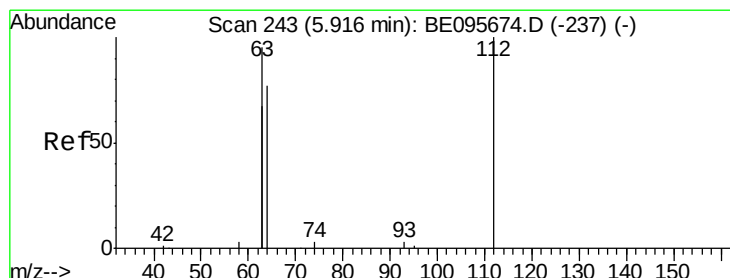
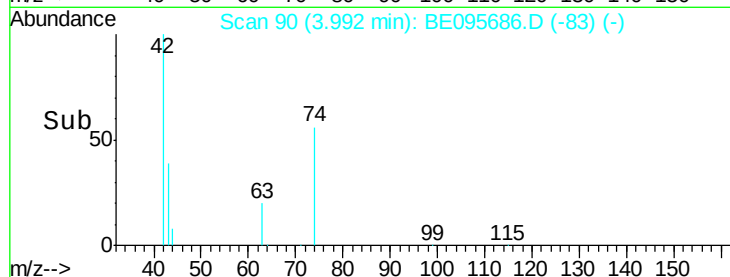
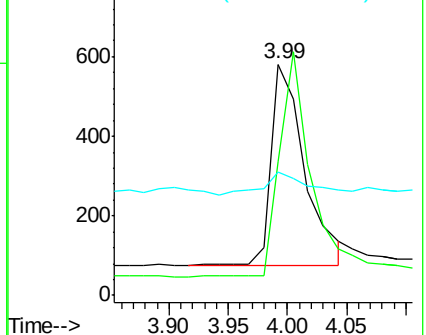
42 100

74 101.3 96.0 144.0

44 14.0 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: 0.40 ng

RT: 5.92 min Scan# 243

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

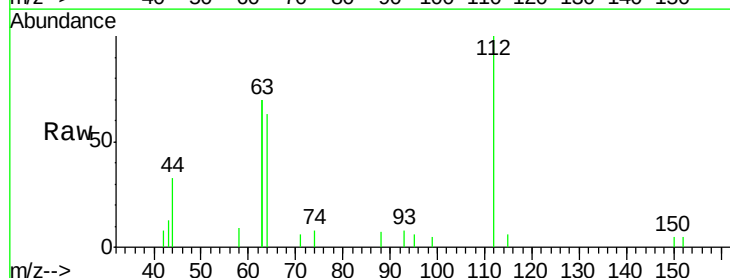
Tgt Ion: 112 Resp: 1369

Ion Ratio Lower Upper

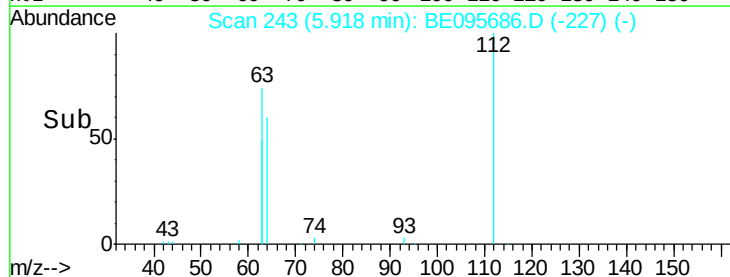
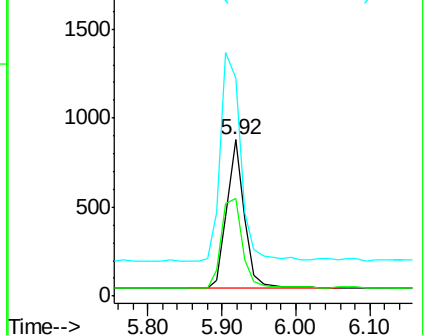
112 100

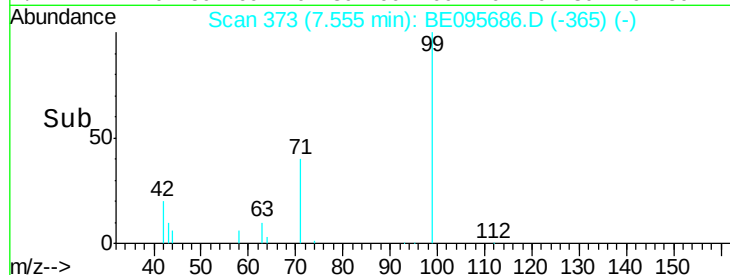
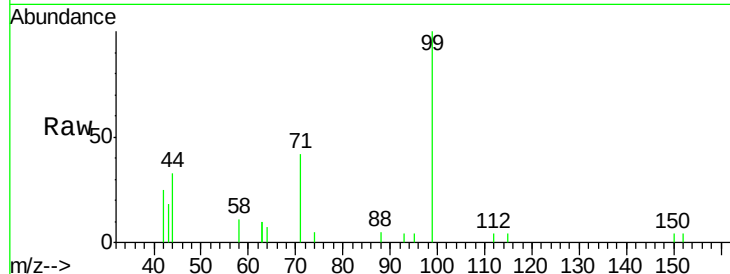
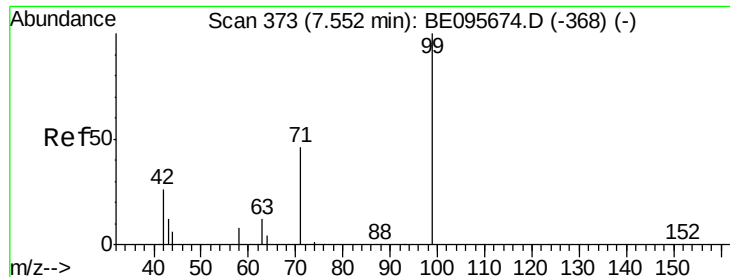
64 73.3 60.1 90.1

63 161.0 116.8 175.2



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: 0.42 ng

RT: 7.55 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

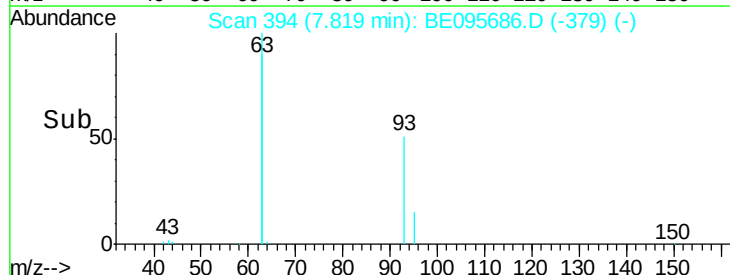
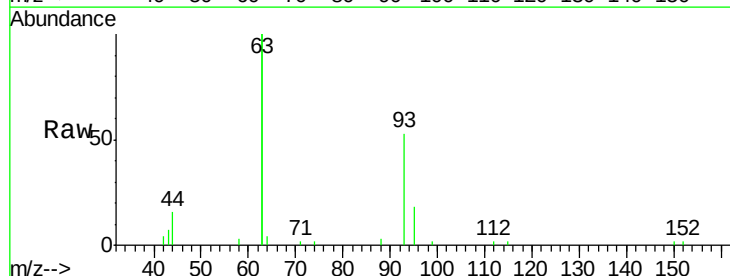
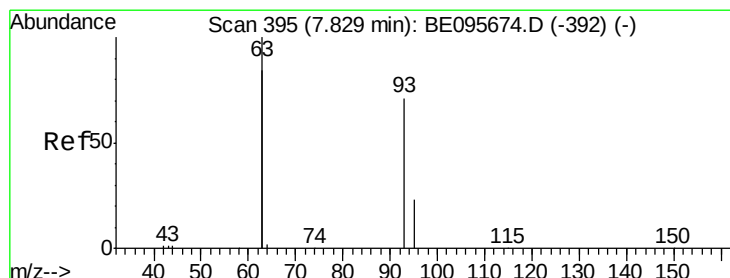
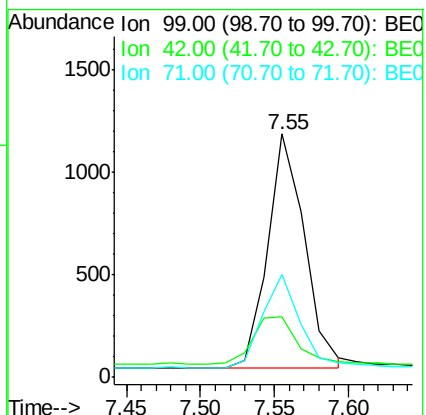
Tot Ion: 99 Resp: 1975

Ion Ratio Lower Upper

99 100

42 25.0 20.2 30.2

71 40.4 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.42 ng

RT: 7.82 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

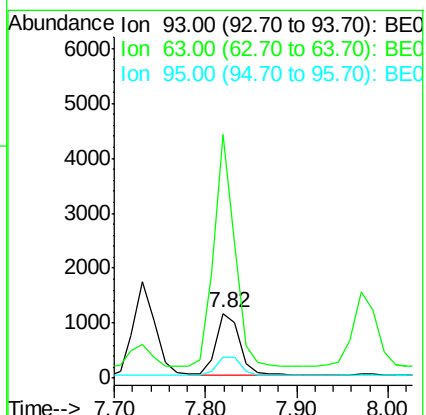
Tgt Ion: 93 Resp: 2026

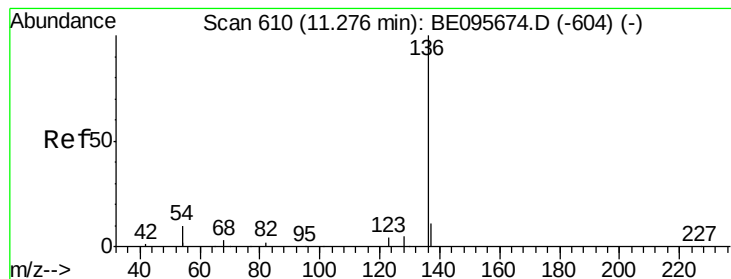
Ion Ratio Lower Upper

93 100

63 329.3 275.3 412.9

95 31.5 25.2 37.8





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.28 min Scan# 610

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 5271

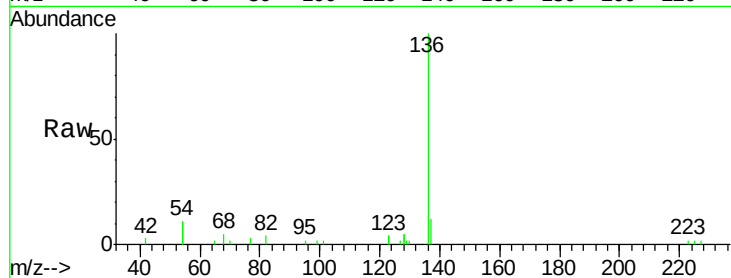
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 21.6 29.1 43.7#

68 4.6 6.2 9.2#

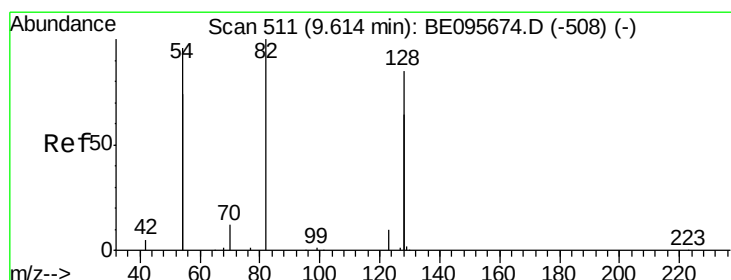
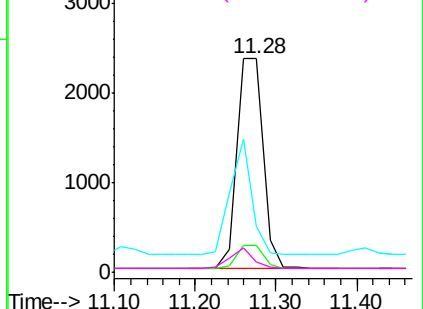
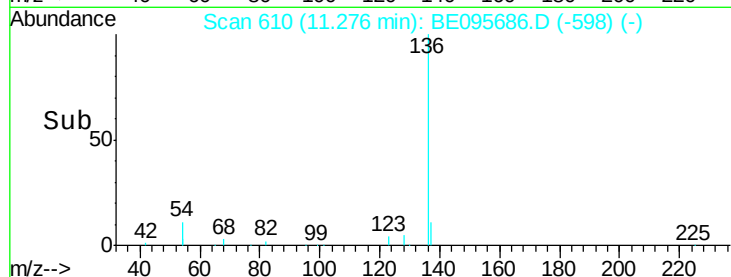


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.38 ng

RT: 9.61 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

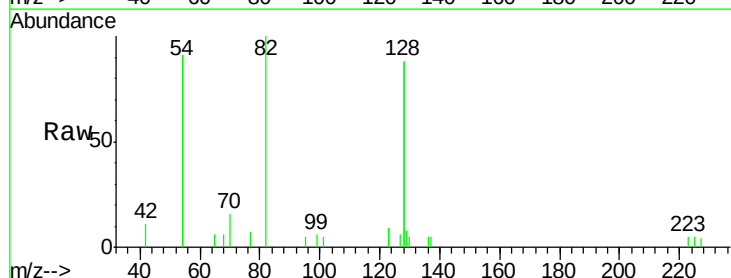
Tgt Ion: 82 Resp: 2064

Ion Ratio Lower Upper

82 100

128 176.4 150.0 225.0

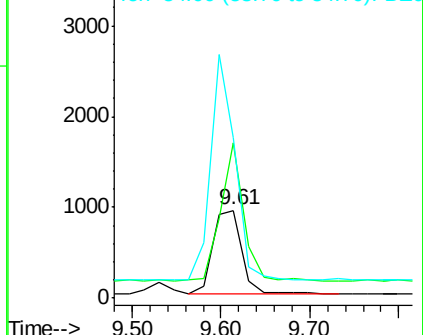
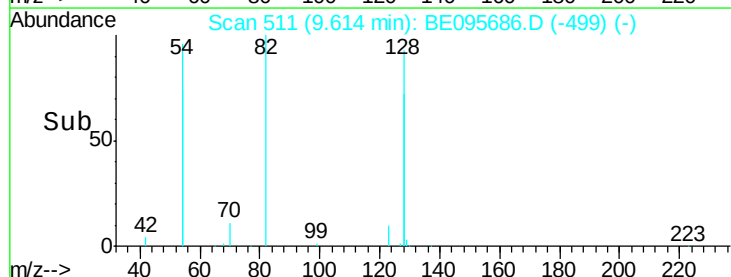
54 182.0 154.2 231.4

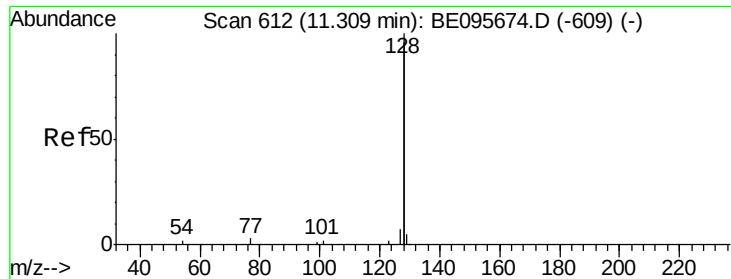


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.40 ng

RT: 11.31 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE095686.D

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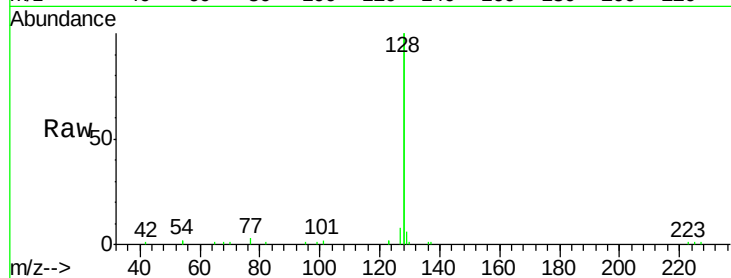
Tot Ion:128 Resp: 24575

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

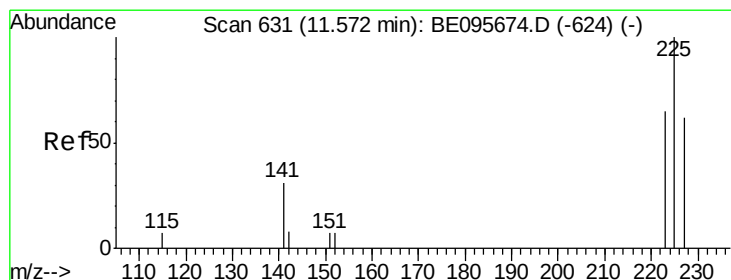
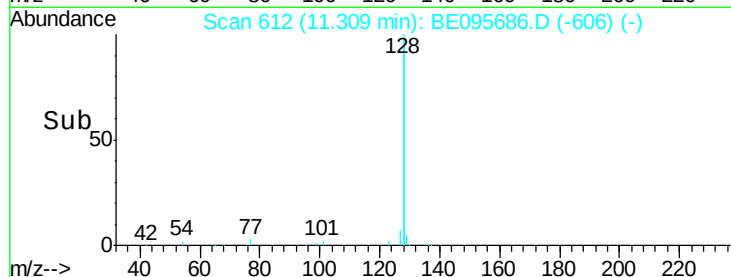
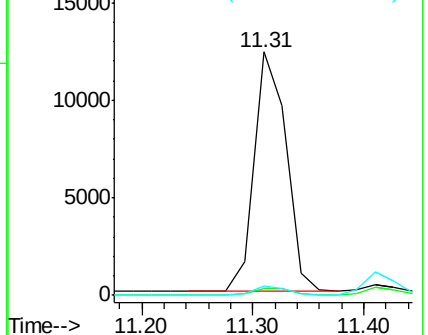
127 3.8 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.42 ng

RT: 11.57 min Scan# 631

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

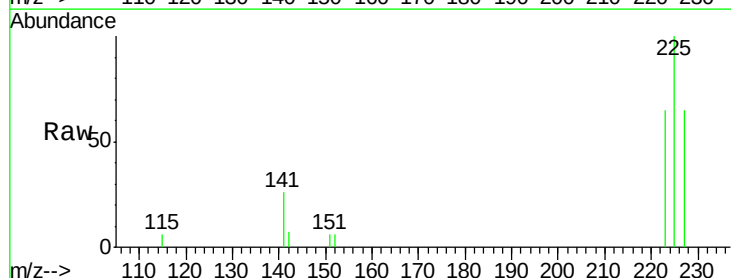
Tgt Ion:225 Resp: 1492

Ion Ratio Lower Upper

225 100

223 62.3 53.0 79.6

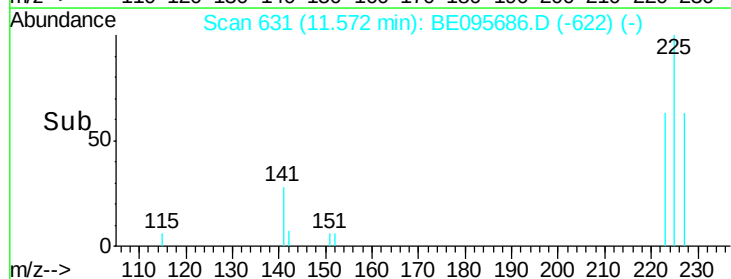
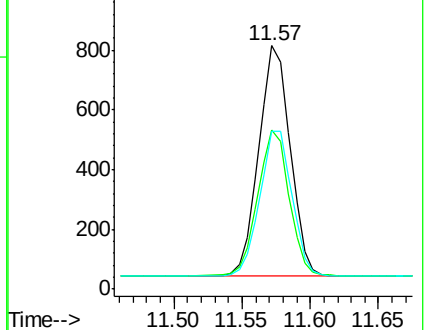
227 64.2 51.4 77.2

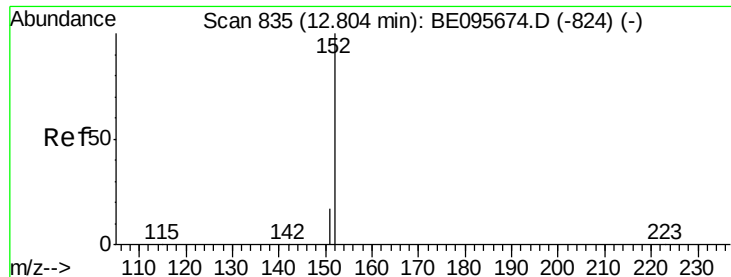


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

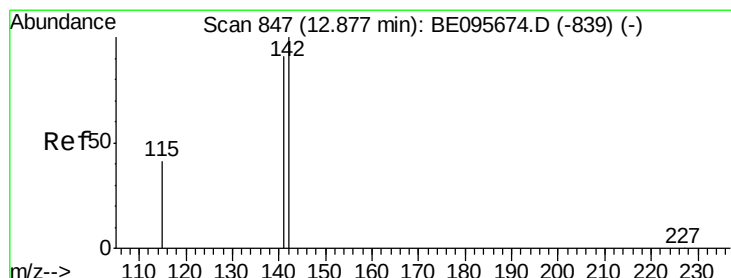
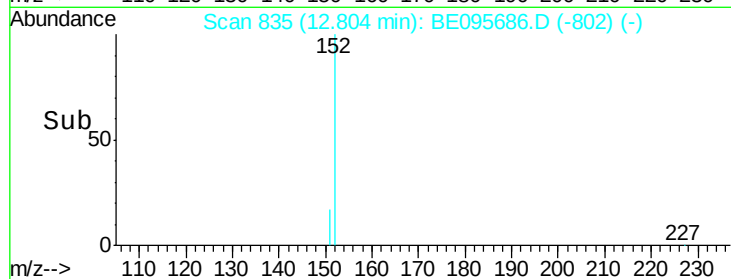
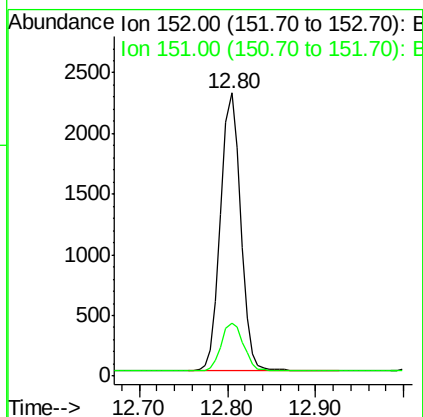
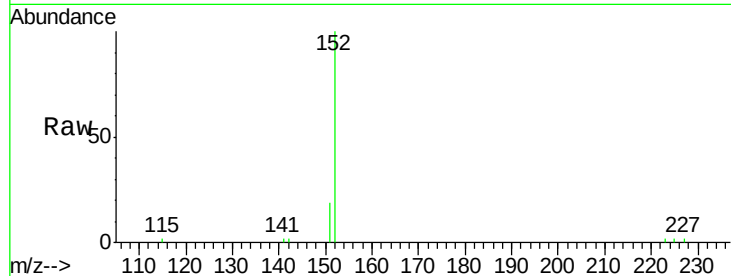




#11
 2-Methylnaphthalene-d10
 Concen: 0.41 ng
 RT: 12.80 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BE095686.D
 Acq: 23 Feb 2018 16:54

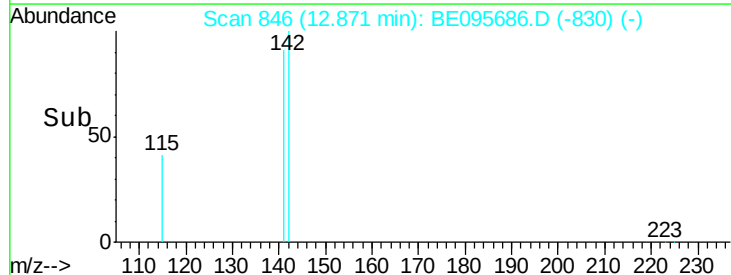
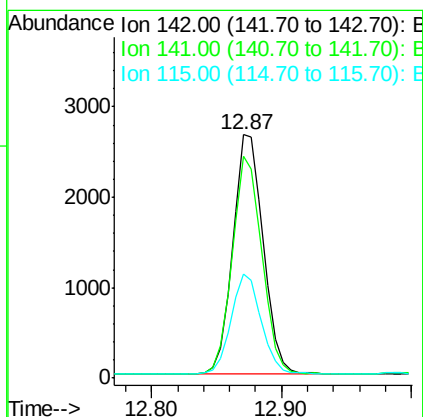
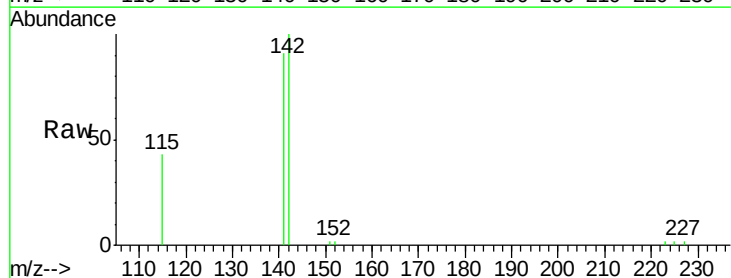
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

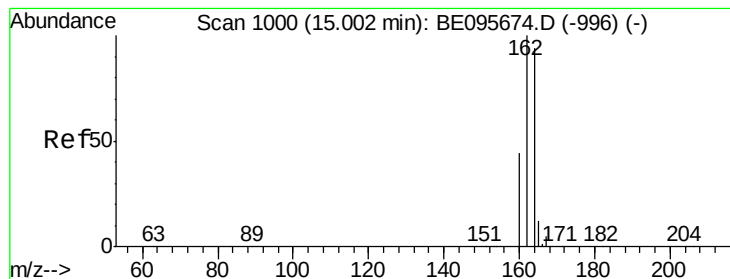
Tot Ion:152 Resp: 3621
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.41 ng
 RT: 12.87 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BE095686.D
 Acq: 23 Feb 2018 16:54

Tgt Ion:142 Resp: 4283
 Ion Ratio Lower Upper
 142 100
 141 91.1 70.4 105.6
 115 42.7 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.00 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

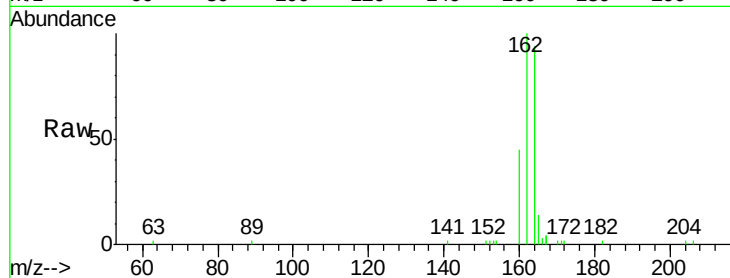
Tot Ion:164 Resp: 3209

Ion Ratio Lower Upper

164 100

162 106.7 83.1 124.7

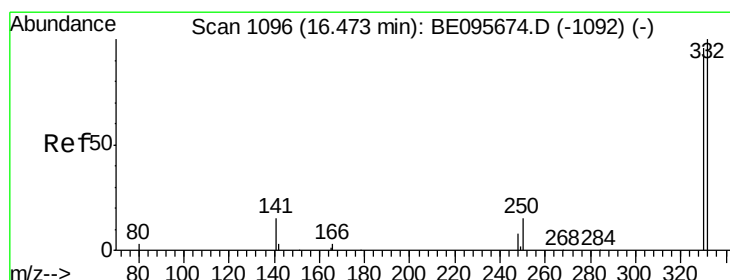
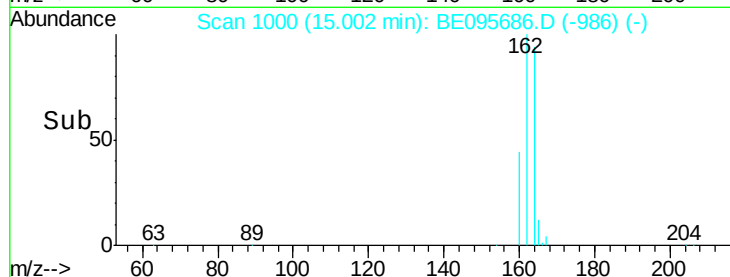
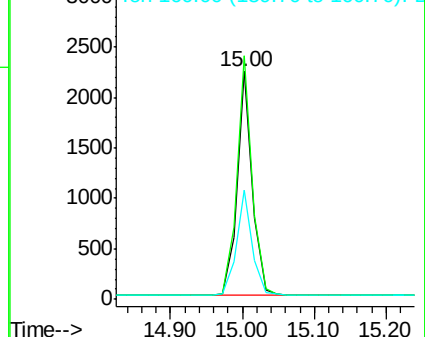
160 47.9 37.1 55.7



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: 0.40 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

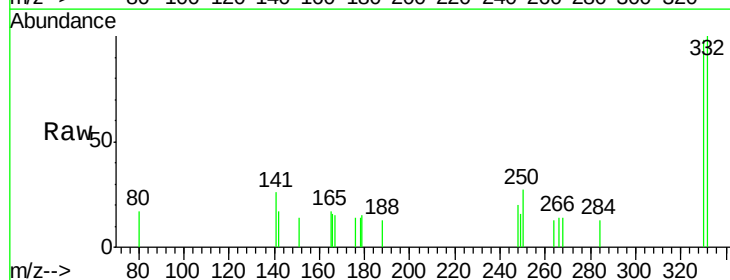
Tgt Ion:330 Resp: 435

Ion Ratio Lower Upper

330 100

332 100.0 152.7 229.1#

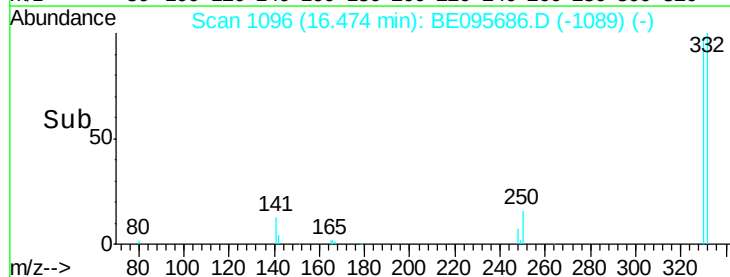
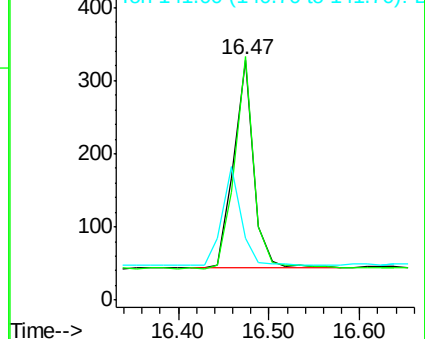
141 46.2 33.7 50.5

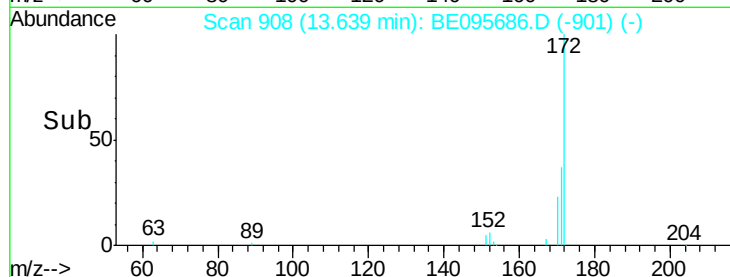
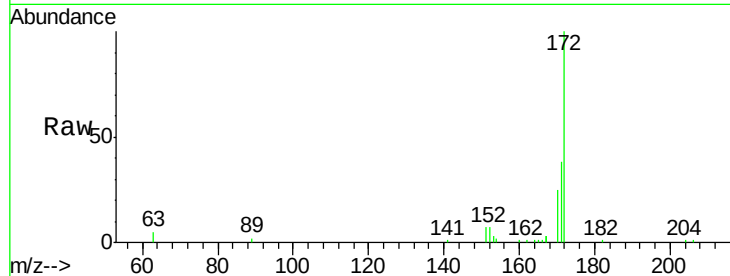
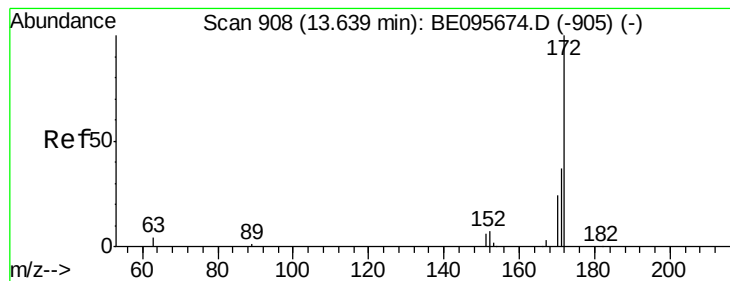


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.38 ng

RT: 13.64 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

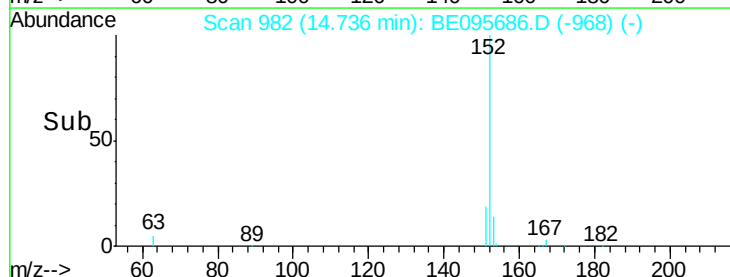
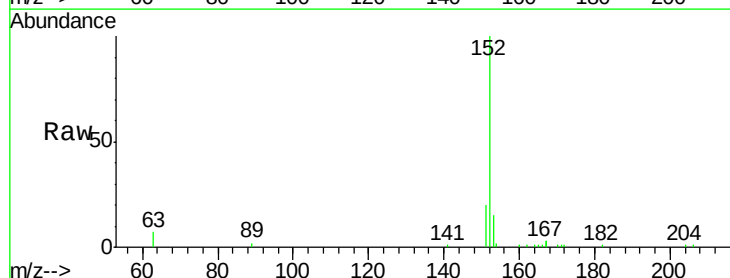
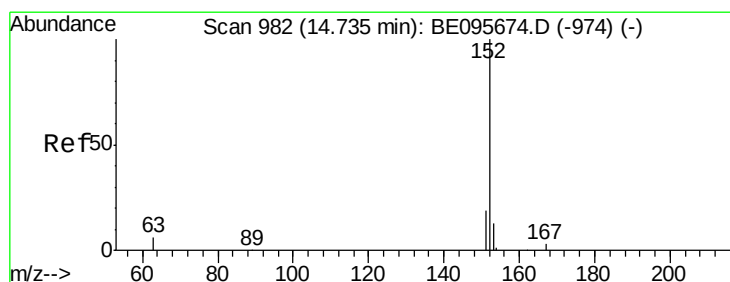
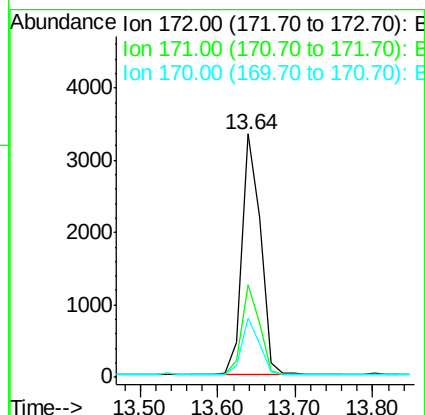
Tot Ion:172 Resp: 5465

Ion Ratio Lower Upper

172 100

171 37.8 29.9 44.9

170 24.6 21.8 32.8



#16

Acenaphthylene

Concen: 0.37 ng

RT: 14.74 min Scan# 982

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

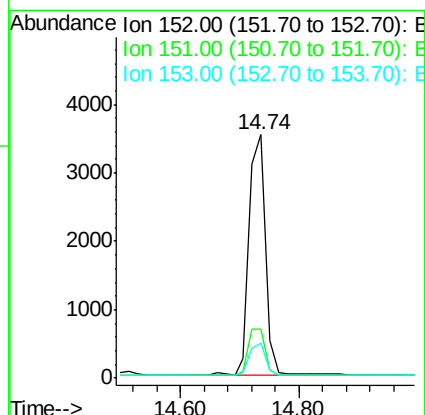
Tgt Ion:152 Resp: 6723

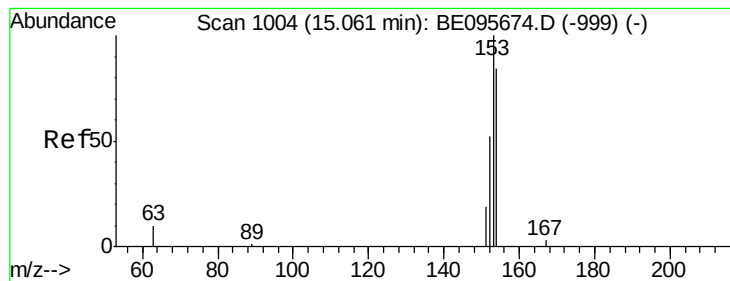
Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.38 ng

RT: 15.06 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

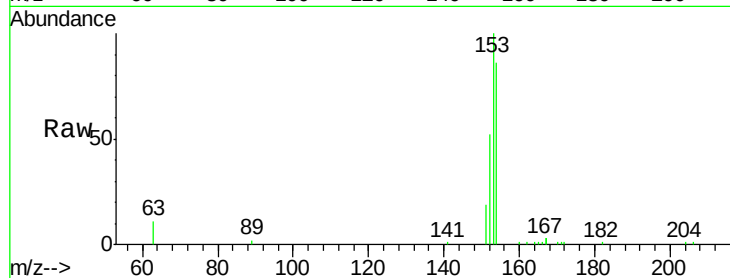
Tot Ion:154 Resp: 4305

Ion Ratio Lower Upper

154 100

153 116.1 89.2 133.8

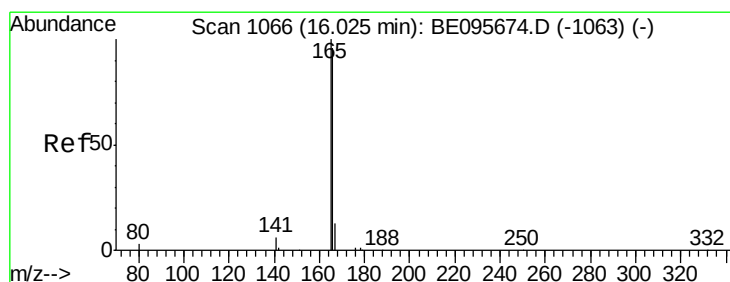
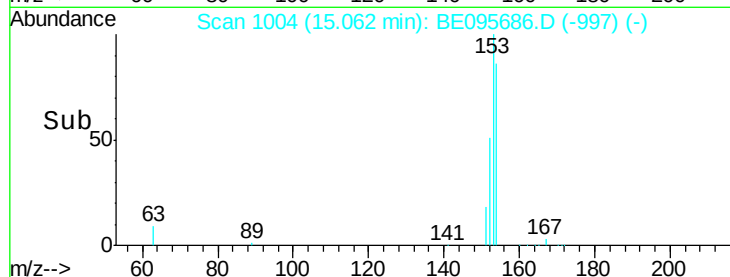
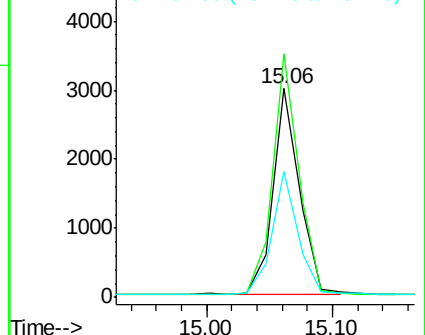
152 58.7 42.0 63.0



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: 0.38 ng

RT: 16.02 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

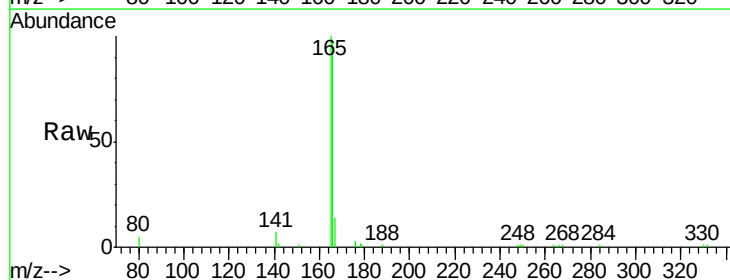
Tgt Ion:166 Resp: 5380

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.6

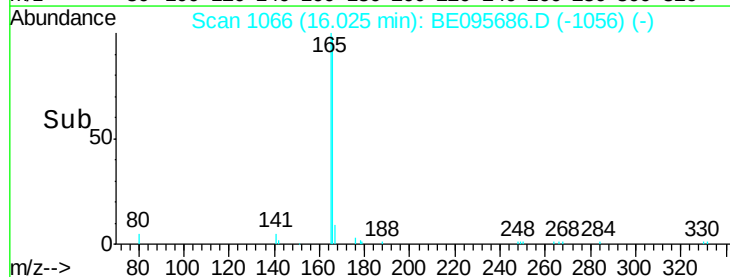
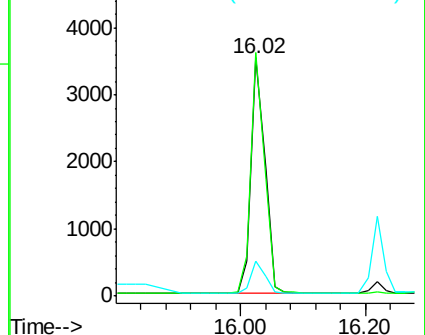
167 13.9 42.4 63.6#

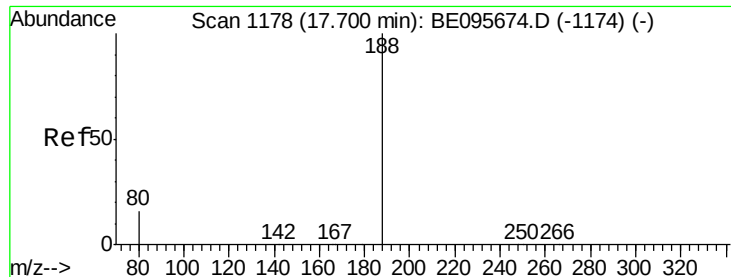


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.70 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

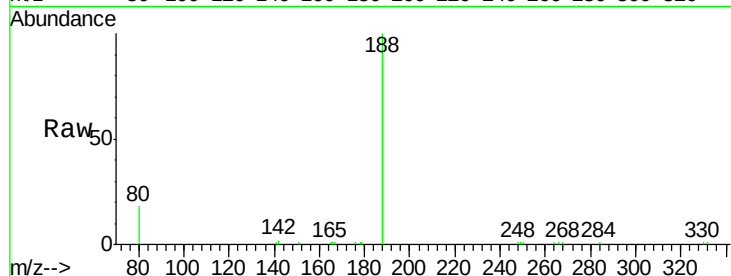
Tot Ion:188 Resp: 7233

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

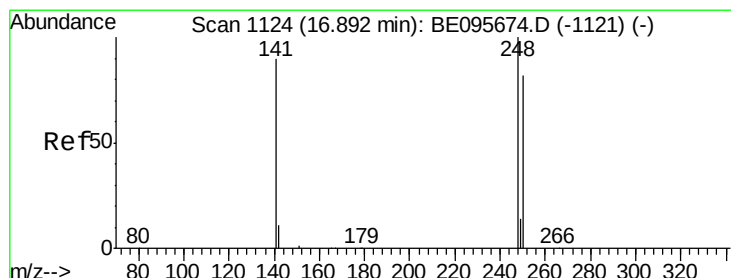
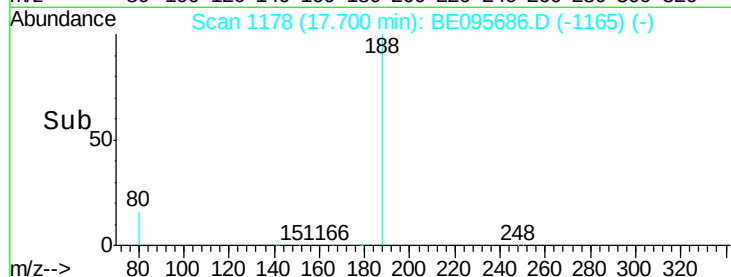
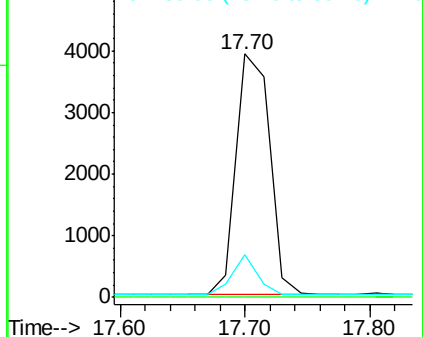
80 17.6 3.6 5.4#



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: 0.38 ng

RT: 16.89 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

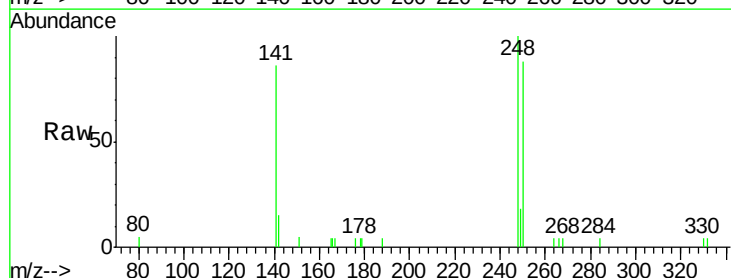
Tgt Ion:248 Resp: 1704

Ion Ratio Lower Upper

248 100

250 88.0 62.7 94.1

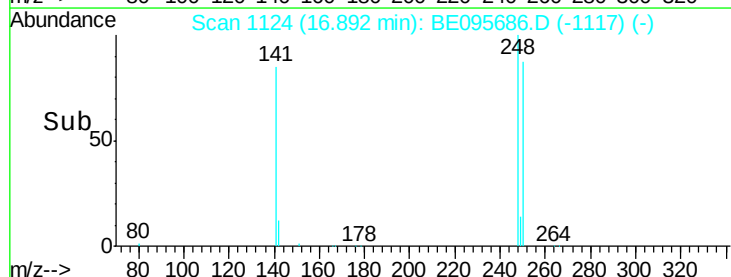
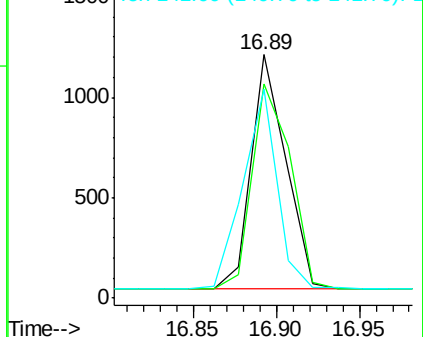
141 85.8 48.2 72.2#

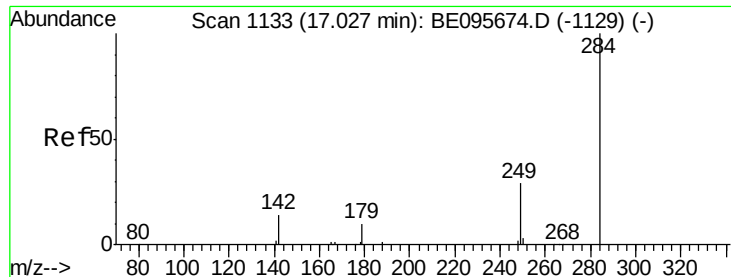


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.38 ng

RT: 17.03 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

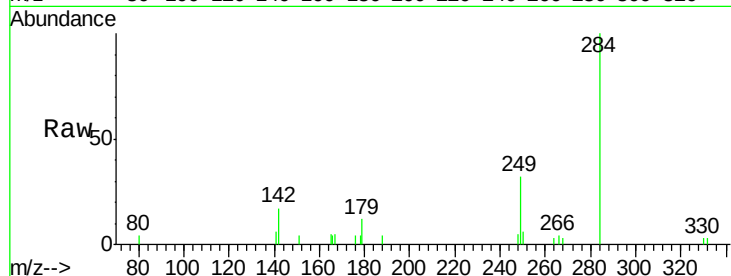
Tot Ion:284 Resp: 1767

Ion Ratio Lower Upper

284 100

142 40.7 22.1 33.1#

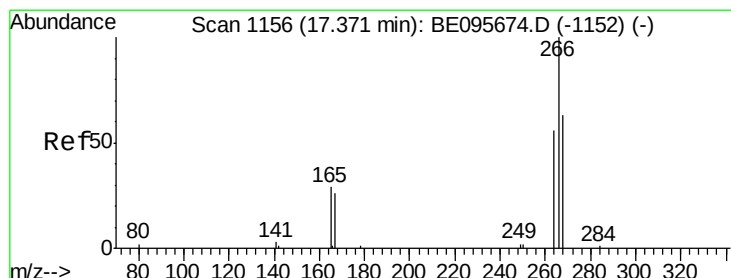
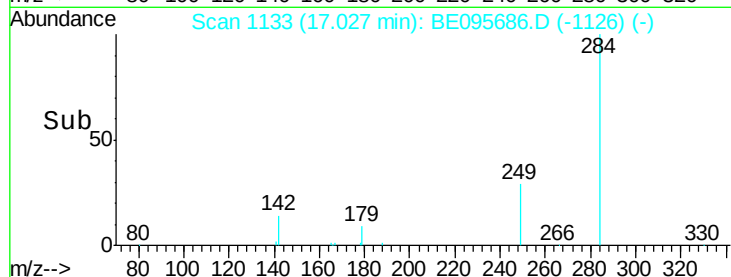
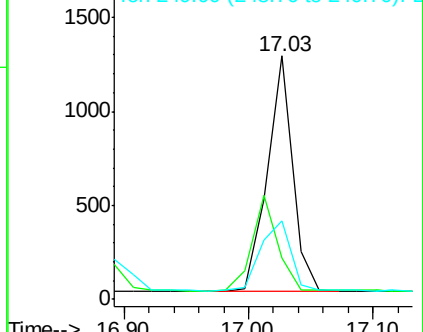
249 34.9 34.8 52.2



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: 0.40 ng

RT: 17.36 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

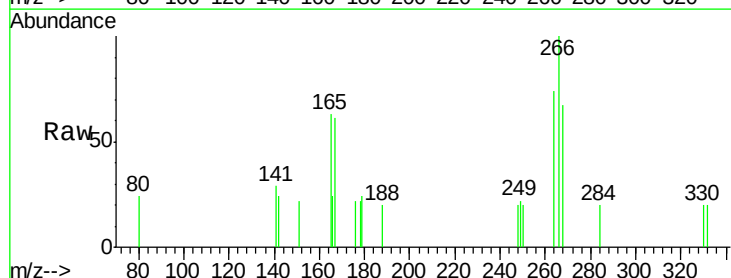
Tgt Ion:266 Resp: 385

Ion Ratio Lower Upper

266 100

264 73.6 72.5 108.7

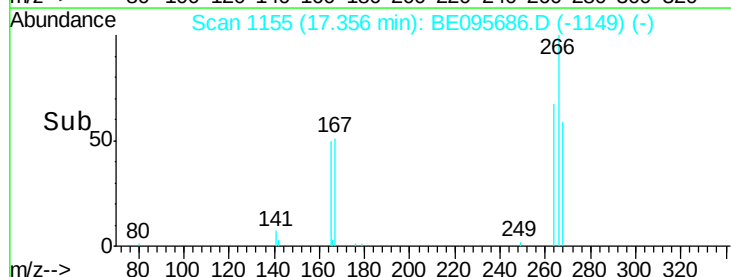
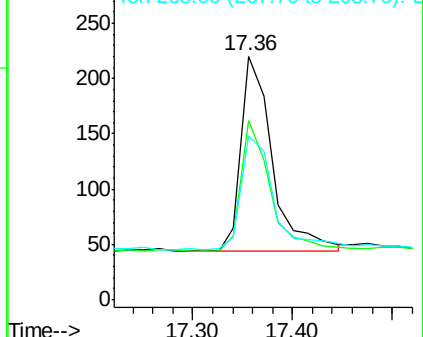
268 67.3 73.8 110.6#

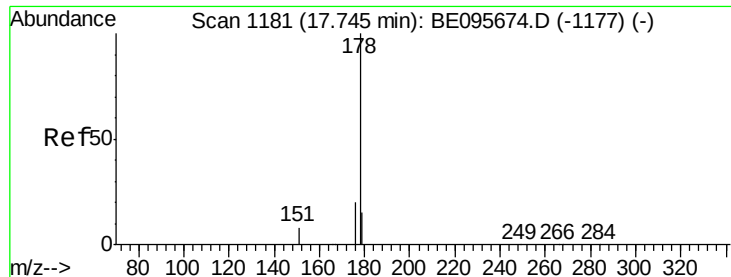


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.38 ng

RT: 17.74 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

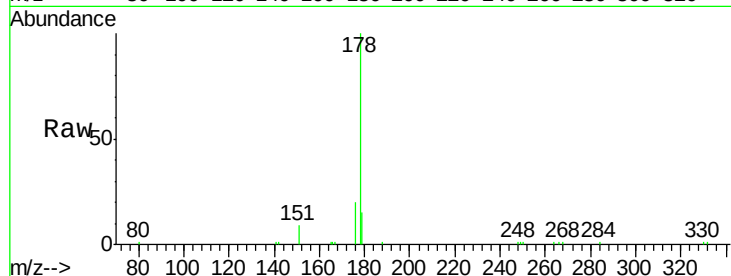
Tot Ion:178 Resp: 8615

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

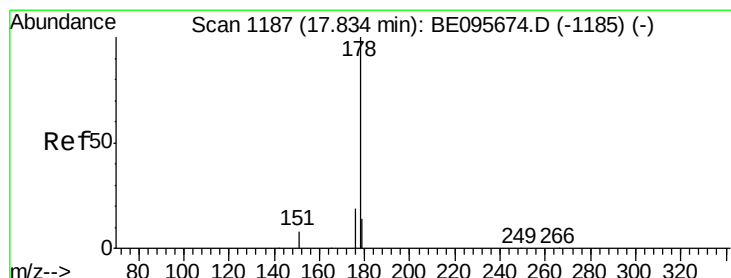
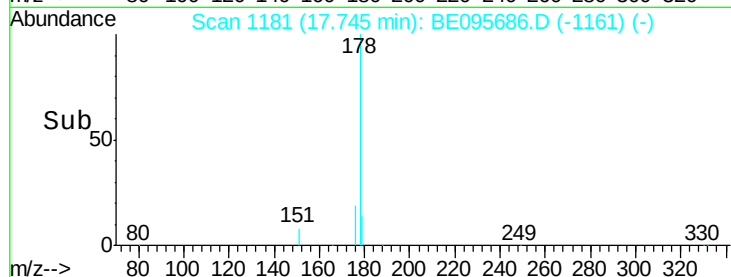
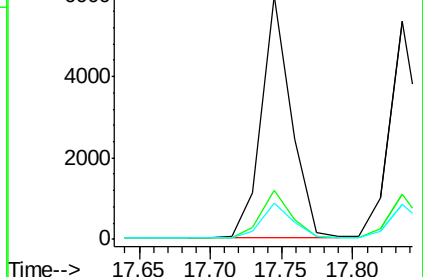
179 15.2 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.38 ng

RT: 17.83 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

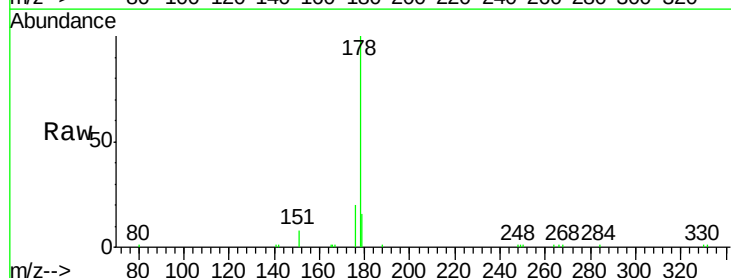
Tgt Ion:178 Resp: 7786

Ion Ratio Lower Upper

178 100

176 19.3 12.8 19.2#

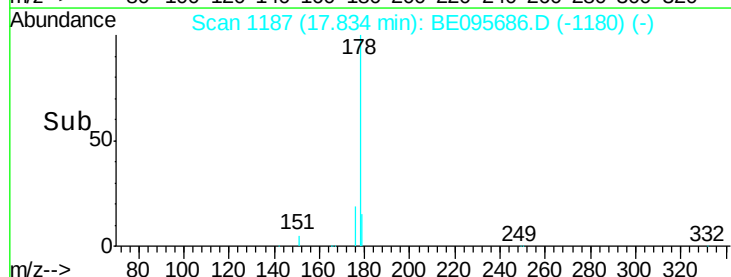
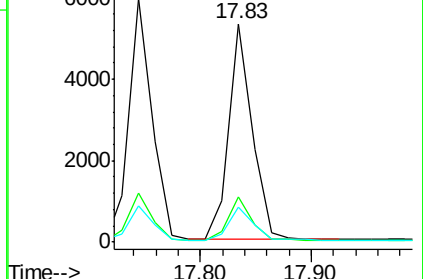
179 15.6 13.0 19.6

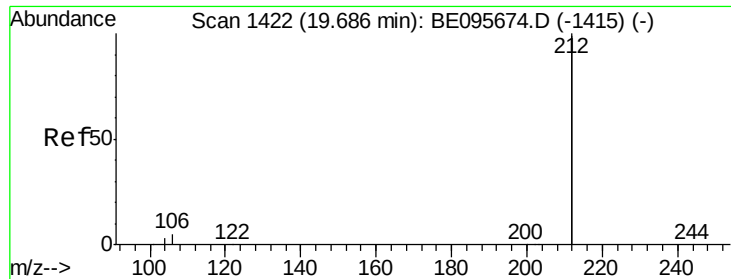


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.37 ng

RT: 19.69 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

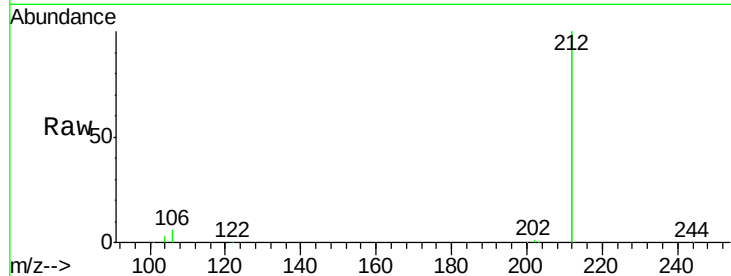
Tot Ion:212 Resp: 34956

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

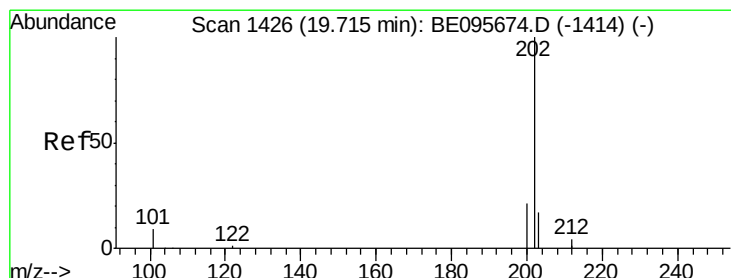
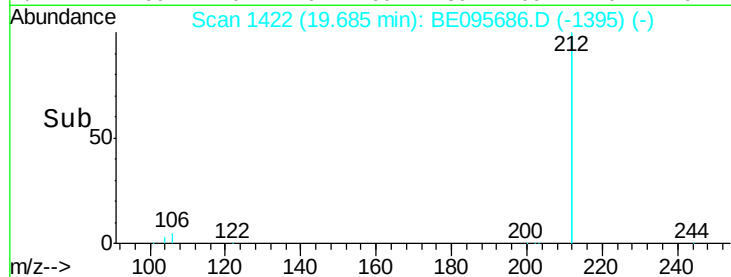
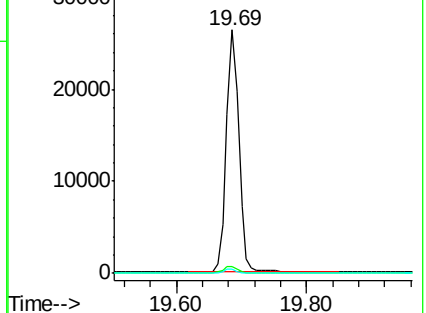
104 1.6 1.6 2.4



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: 0.37 ng

RT: 19.72 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

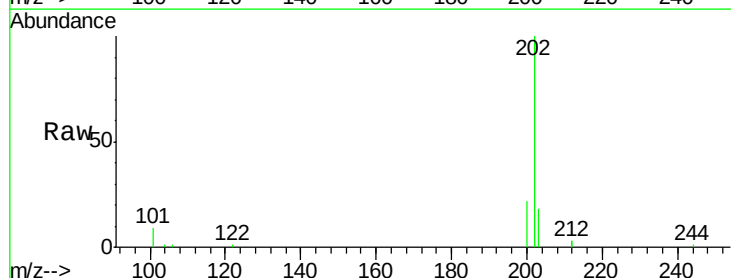
Tgt Ion:202 Resp: 10285

Ion Ratio Lower Upper

202 100

101 10.1 9.8 14.8

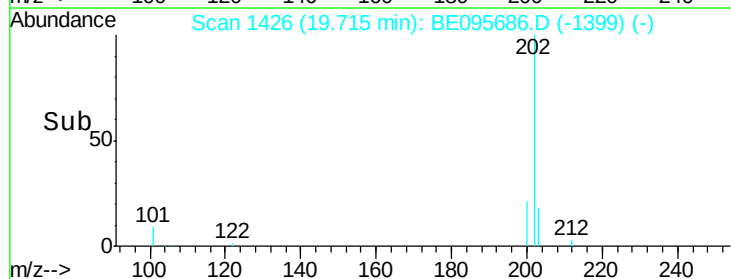
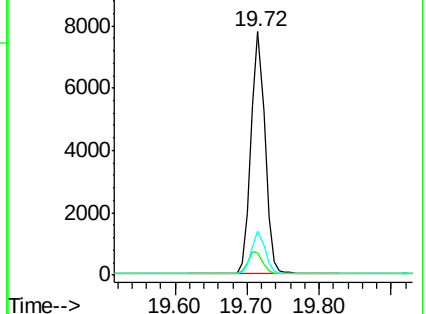
203 17.0 13.7 20.5

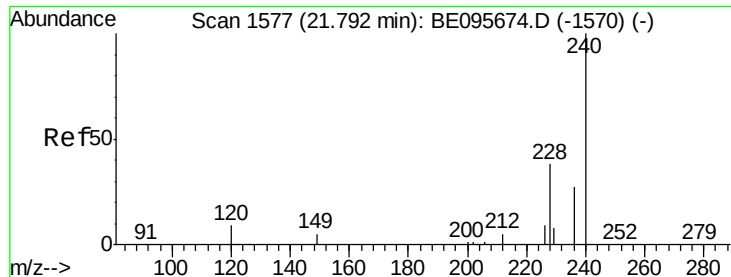


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.79 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

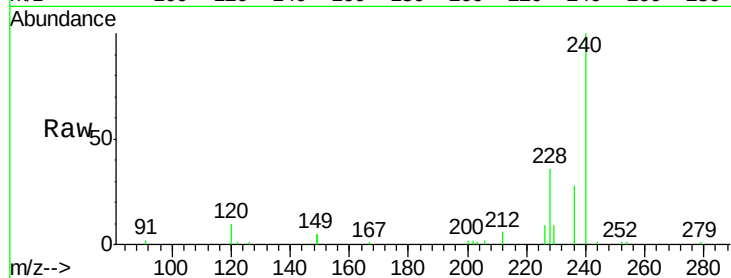
Tot Ion:240 Resp: 7349

Ion Ratio Lower Upper

240 100

120 9.8 5.5 8.3#

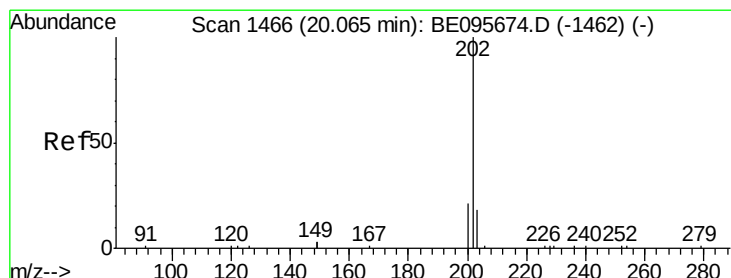
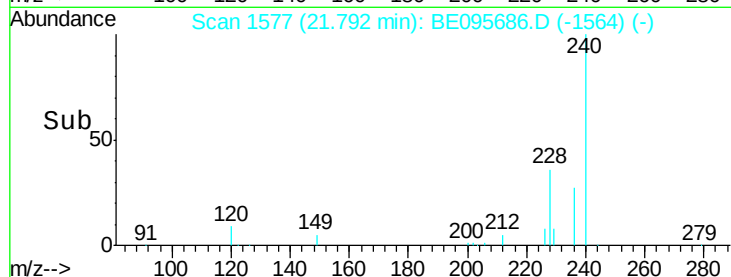
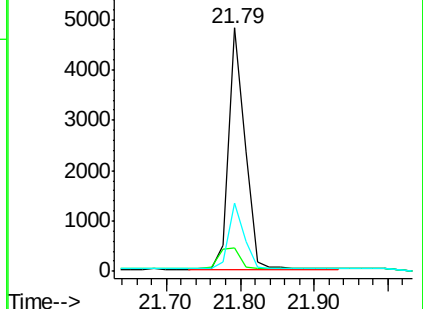
236 27.9 20.7 31.1



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: 0.41 ng

RT: 20.06 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

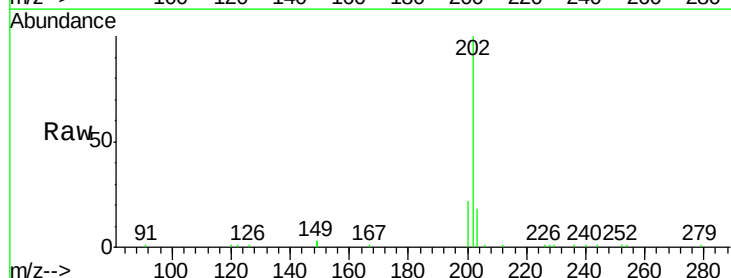
Tgt Ion:202 Resp: 12238

Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

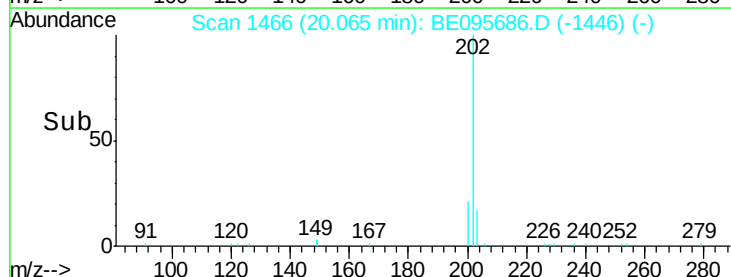
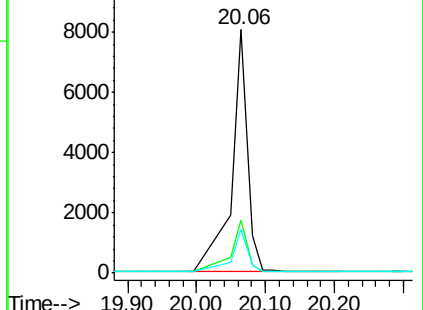
203 17.4 13.8 20.8

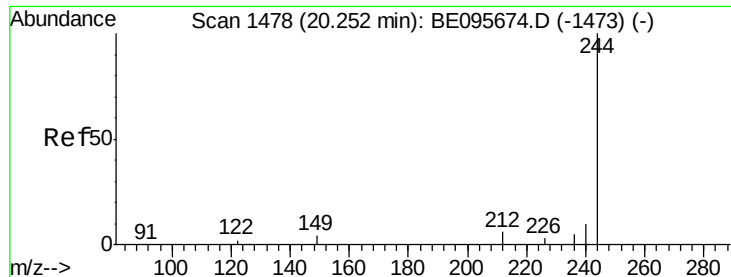


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.38 ng

RT: 20.25 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

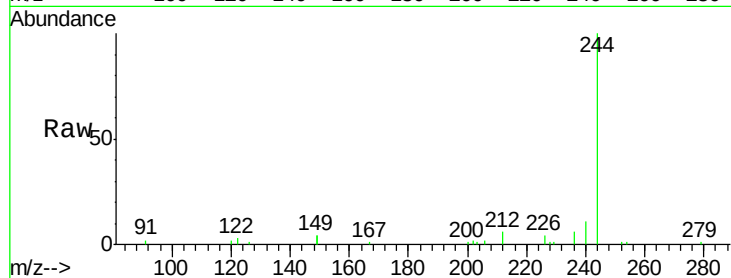
Tot Ion:244 Resp: 5600

Ion Ratio Lower Upper

244 100

212 6.5 25.4 38.0#

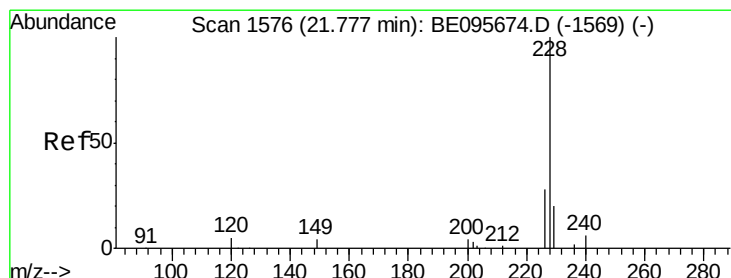
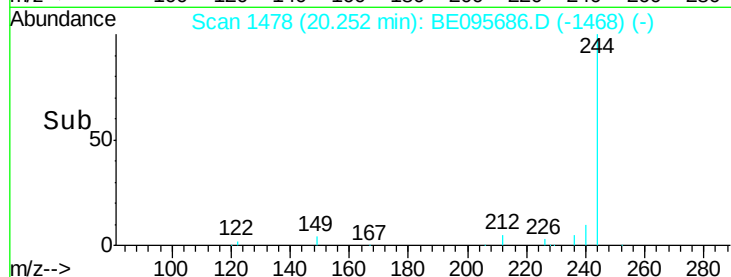
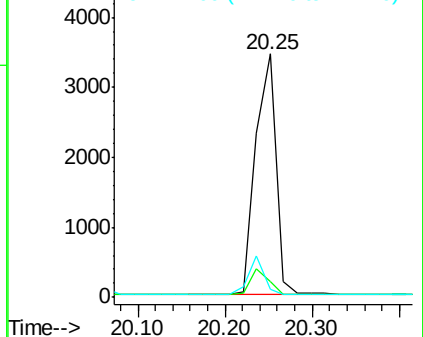
122 3.1 8.1 12.1#



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: 0.38 ng

RT: 21.78 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

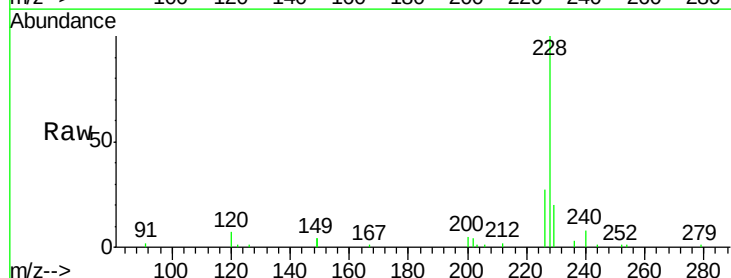
Tgt Ion:228 Resp: 9145

Ion Ratio Lower Upper

228 100

226 27.4 24.0 36.0

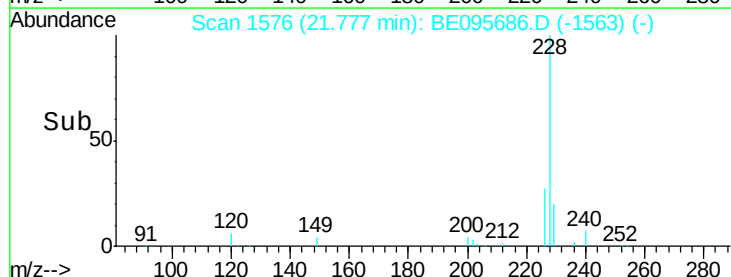
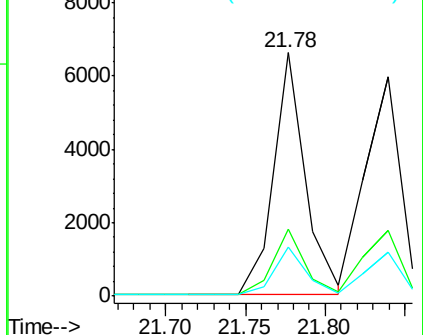
229 20.2 16.0 24.0

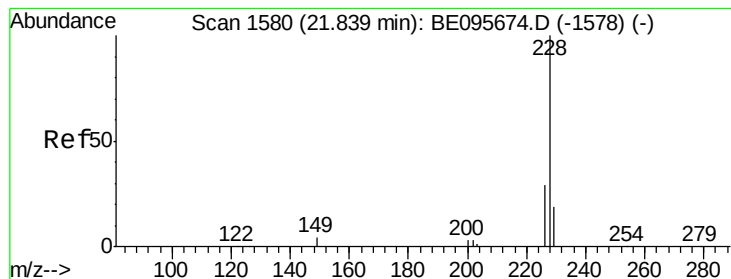


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.38 ng

RT: 21.84 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

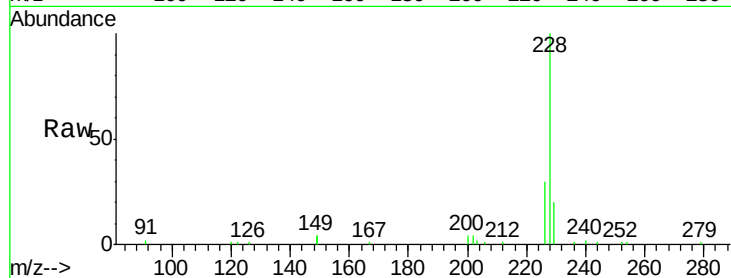
Tot Ion:228 Resp: 9139

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

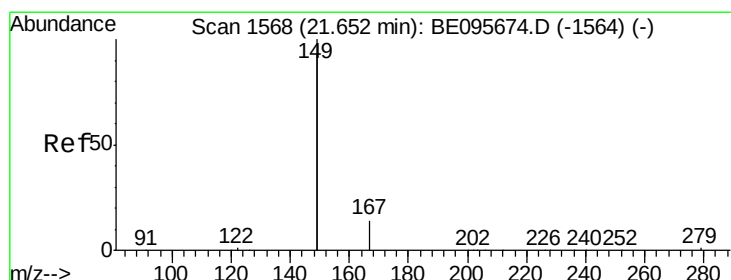
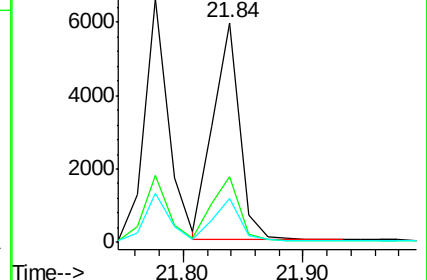
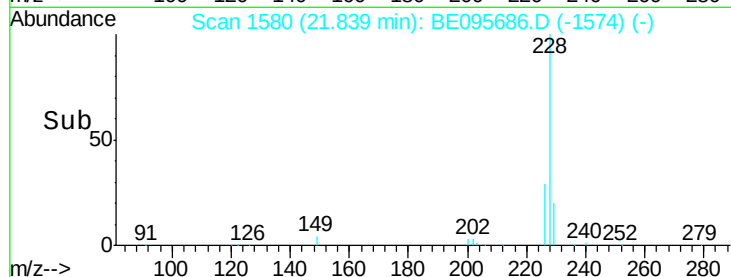
229 20.2 16.0 24.0



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: 0.37 ng

RT: 21.65 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

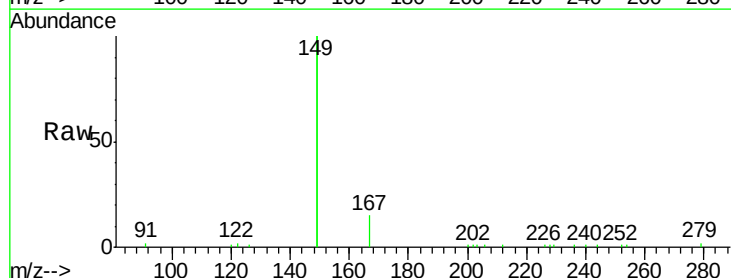
Tgt Ion:149 Resp: 15837

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

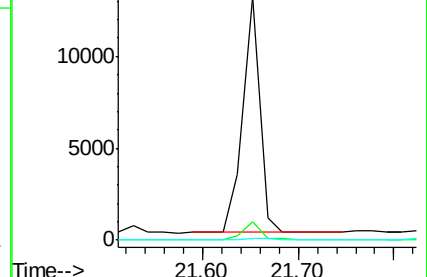
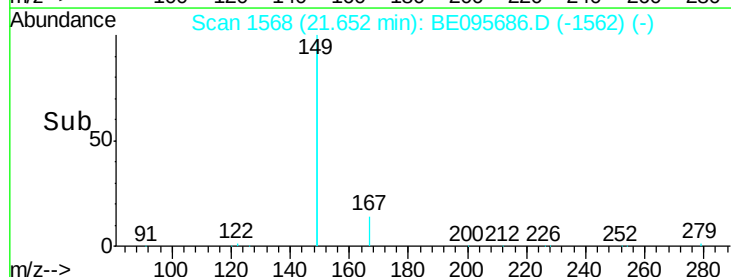
279 0.8 0.7 1.1

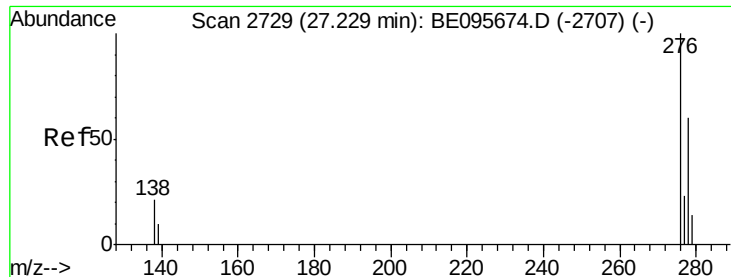


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.40 ng

RT: 27.23 min Scan# 2728

Delta R.T. -0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

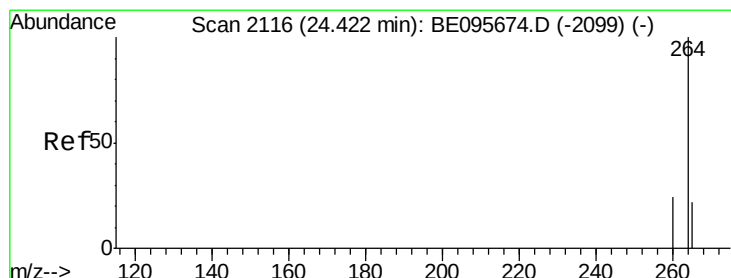
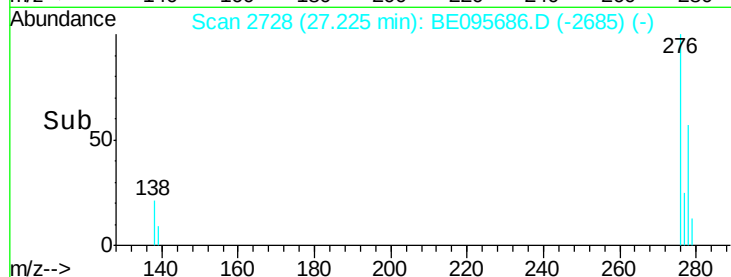
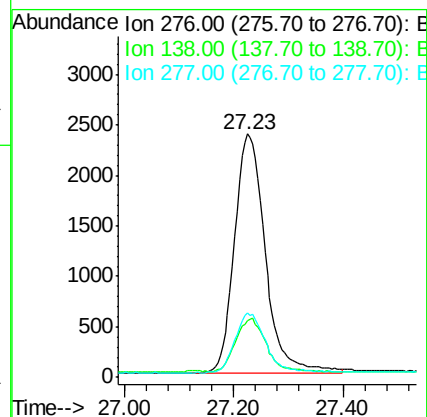
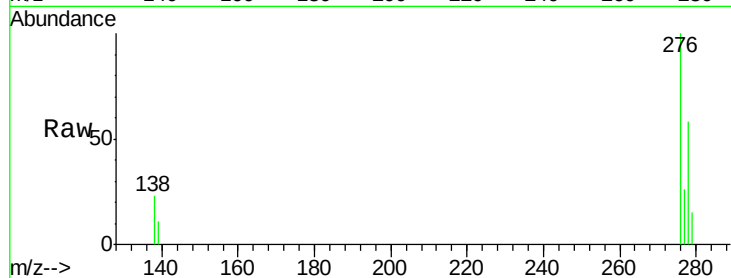
Tot Ion:276 Resp: 9205

Ion Ratio Lower Upper

276 100

138 21.8 22.5 33.7#

277 24.2 19.9 29.9



#34

Perylene-d12

Concen: 0.40 ng

RT: 24.42 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

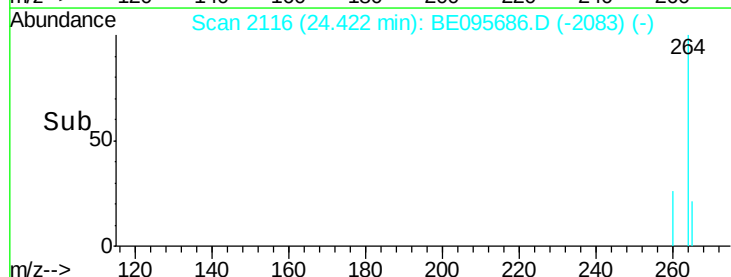
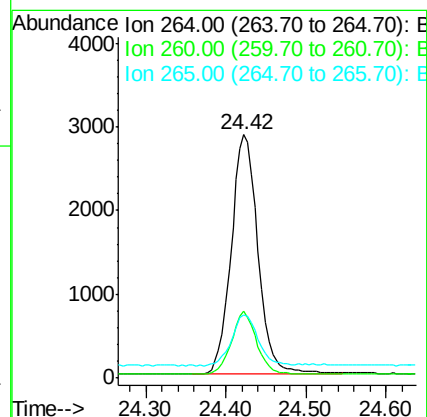
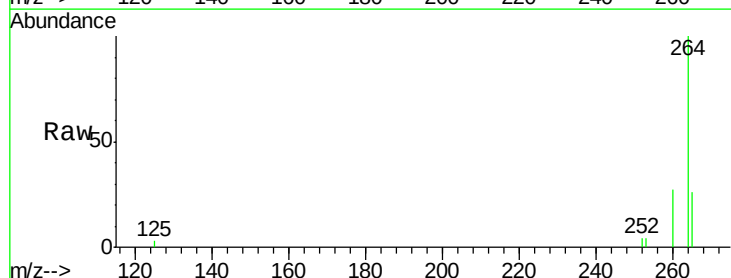
Tgt Ion:264 Resp: 6697

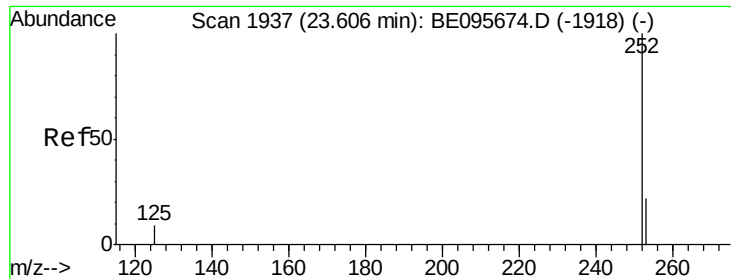
Ion Ratio Lower Upper

264 100

260 27.3 20.5 30.7

265 26.0 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.38 ng

RT: 23.61 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

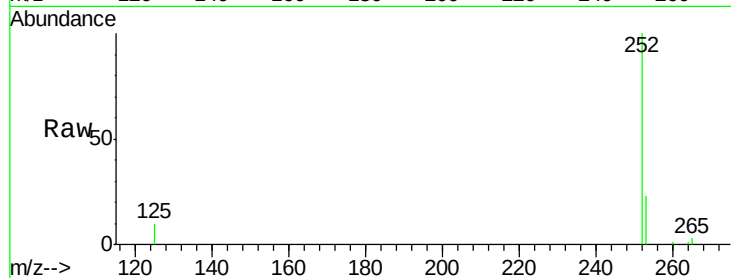
Tot Ion:252 Resp: 9017

Ion Ratio Lower Upper

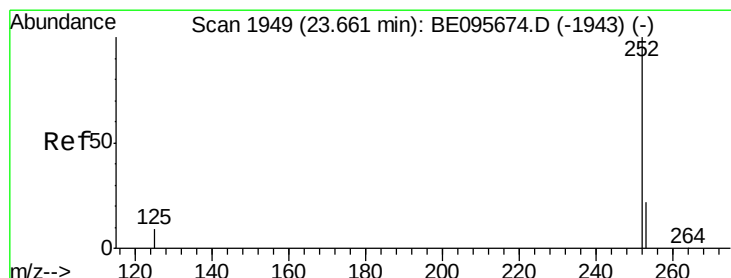
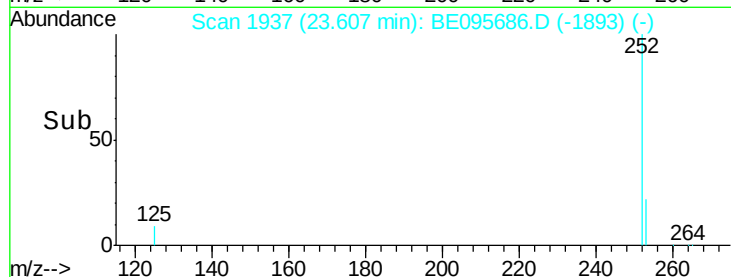
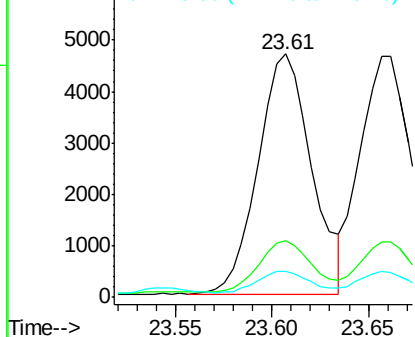
252 100

253 23.2 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: 0.37 ng

RT: 23.66 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

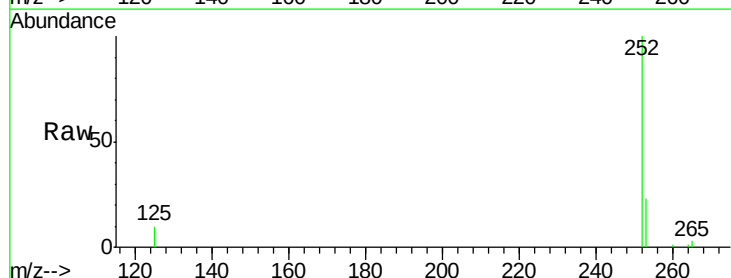
Tgt Ion:252 Resp: 8848

Ion Ratio Lower Upper

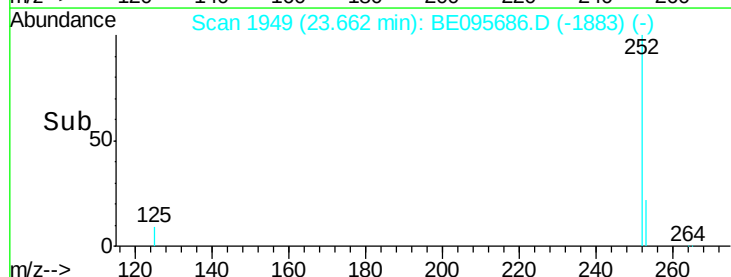
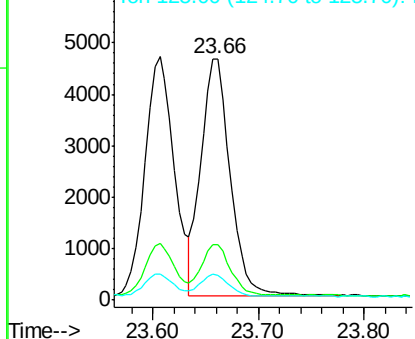
252 100

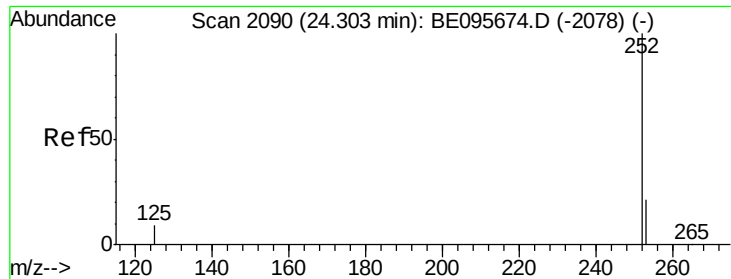
253 23.0 16.0 24.0

125 10.1 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: 0.38 ng

RT: 24.30 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

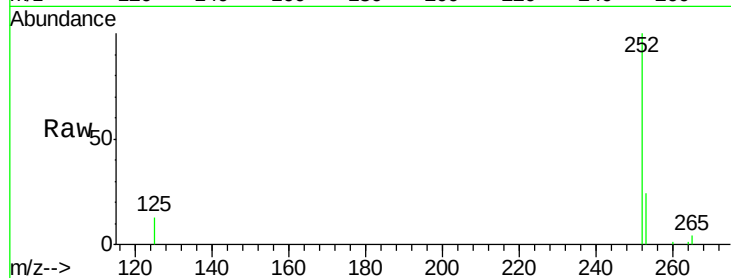
Tot Ion:252 Resp: 8199

Ion Ratio Lower Upper

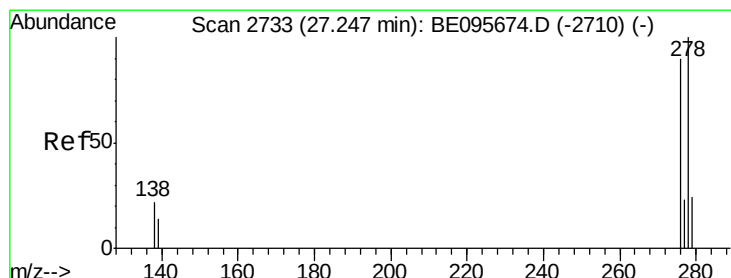
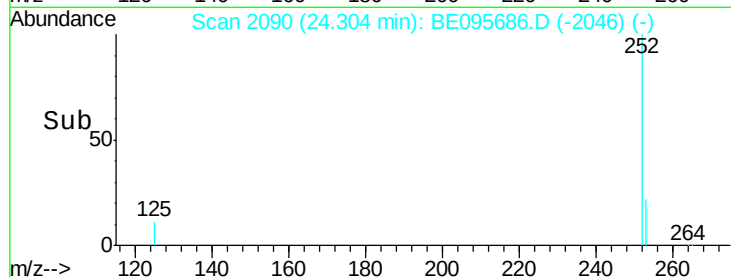
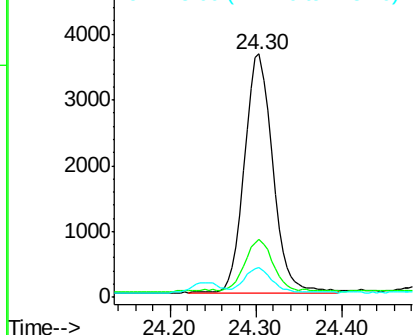
252 100

253 24.1 16.0 24.0#

125 12.5 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: 0.39 ng

RT: 27.25 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BE095686.D

Acq: 23 Feb 2018 16:54

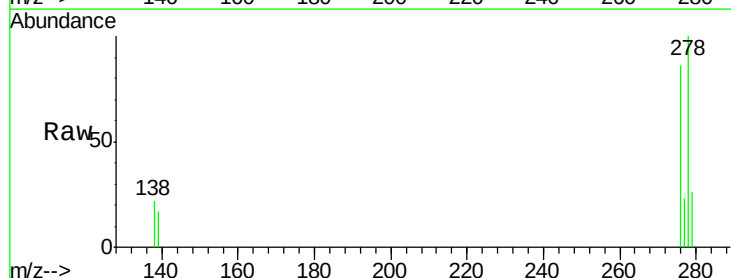
Tgt Ion:278 Resp: 7397

Ion Ratio Lower Upper

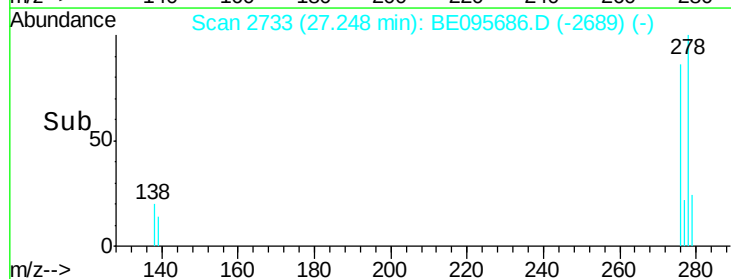
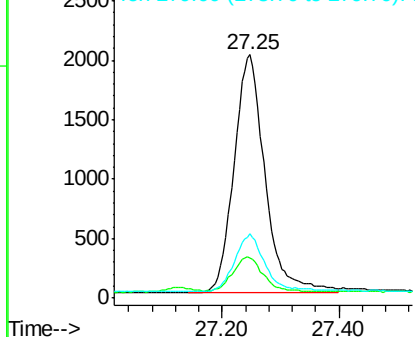
278 100

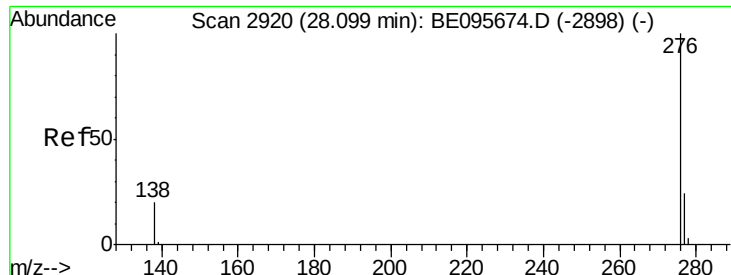
139 16.7 16.0 24.0

279 26.2 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: 0.37 ng

RT: 28.10 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BE095686.D

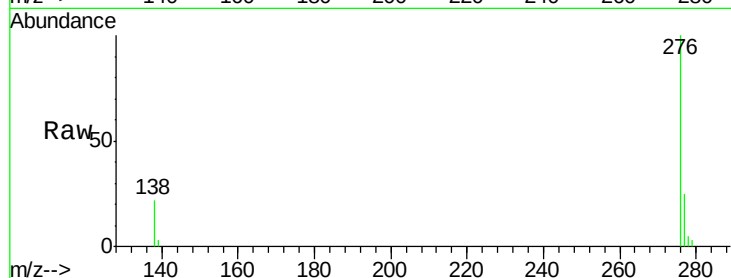
Acq: 23 Feb 2018 16:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:	276	Resp:	7669
Ion Ratio	Lower	Upper	
276	100		
277	24.9	16.0	24.0#
138	21.9	20.0	30.0

