

Data Path : Z:\HPCHEM1\BNA E\Data\BE022318\
 Data File : BE095683.D
 Acq On : 23 Feb 2018 15:07
 Operator : SJ/JU
 Sample : PB106752BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB106752BS

Quant Time: Feb 23 15:56:39 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	8.421	152	1335	0.40	ng	-0.01
7) Naphthalene-d8	11.259	136	4761	0.40	ng	-0.02
13) Acenaphthene-d10	15.002	164	2504	0.40	ng	0.00
19) Phenanthrene-d10	17.699	188	5583	0.40	ng	0.00
27) Chrysene-d12	21.792	240	6427	0.40	ng	0.00
34) Perylene-d12	24.422	264	6007	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.915	112	1656	0.47	ng	0.00
5) Phenol-d6	7.552	99	2102	0.43	ng	0.00
8) Nitrobenzene-d5	9.597	82	2083	0.42	ng	-0.02
11) 2-Methylnaphthalene-d10	12.804	152	3382	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.473	330	353	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.639	172	4663	0.42	ng	0.00
25) Fluoranthene-d10	19.685	212	32621	0.45	ng	0.00
29) Terphenyl-d14	20.251	244	5218	0.41	ng	0.00

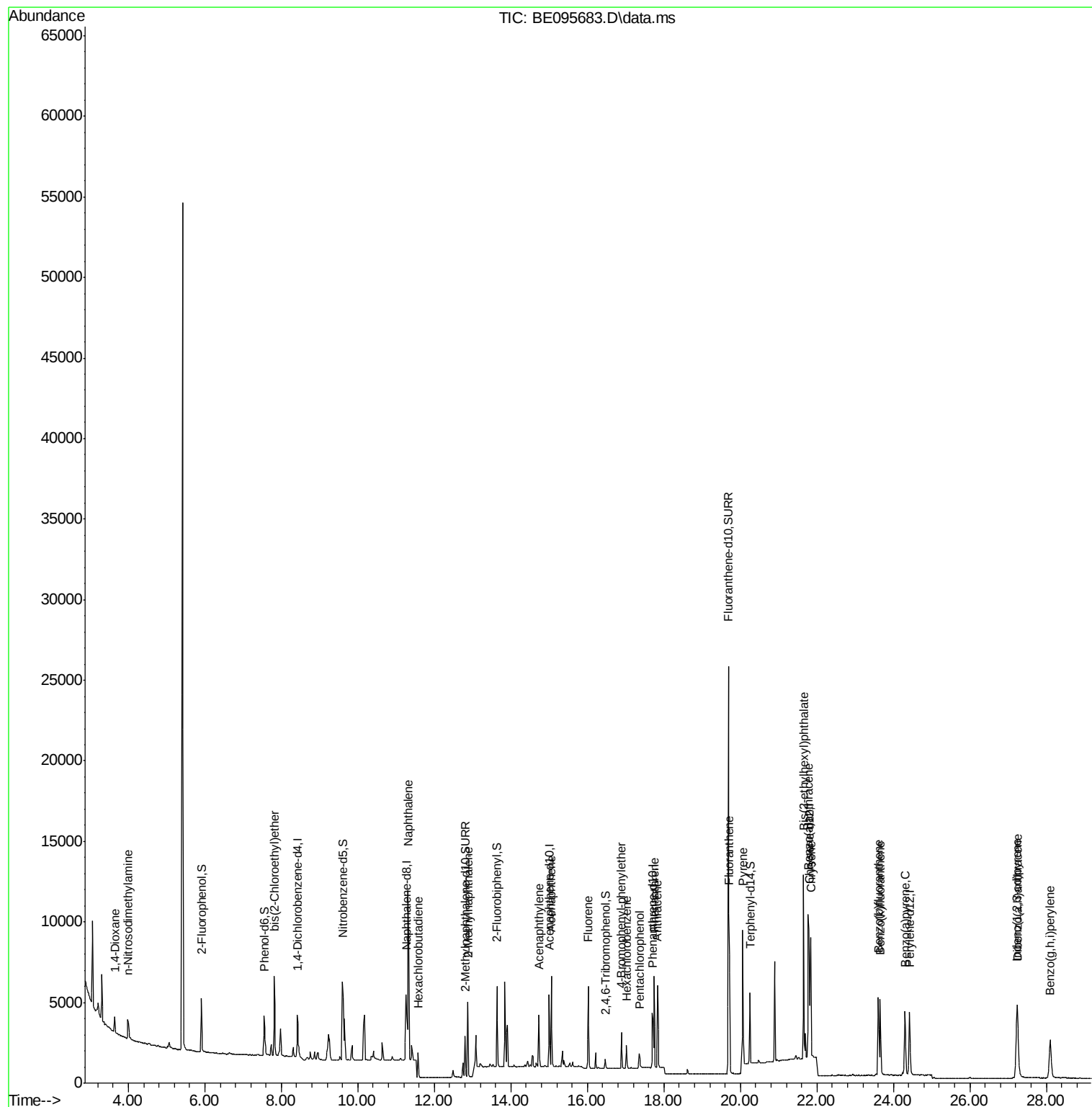
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.649	88	659	0.31	ng	# 22
3) n-Nitrosodimethylamine	3.989	42	910	0.35	ng	# 87
6) bis(2-Chloroethyl)ether	7.816	93	1714	0.34	ng	94
9) Naphthalene	11.309	128	18875	0.34	ng	100
10) Hexachlorobutadiene	11.572	225	1159	0.36	ng	98
12) 2-Methylnaphthalene	12.877	142	3186	0.34	ng	97
16) Acenaphthylene	14.735	152	4336	0.31	ng	100
17) Acenaphthene	15.061	154	2719	0.31	ng	93
18) Fluorene	16.025	166	3465	0.32	ng	# 78
20) 4-Bromophenyl-phenylether	16.892	248	1116	0.32	ng	# 70
21) Hexachlorobenzene	17.026	284	1159	0.32	ng	# 83
22) Pentachlorophenol	17.355	266	545	0.59	ng	# 74
23) Phenanthrene	17.744	178	5921	0.34	ng	100
24) Anthracene	17.834	178	5400	0.34	ng	# 94
26) Fluoranthene	19.714	202	7570	0.35	ng	97
28) Pyrene	20.064	202	8891	0.34	ng	99
30) Benzo(a)anthracene	21.776	228	7227	0.34	ng	98
31) Chrysene	21.838	228	7129	0.34	ng	99
32) Bis(2-ethylhexyl)phtha...	21.652	149	13050	0.35	ng	100
33) Indeno(1,2,3-cd)pyrene	27.225	276	7363	0.36	ng	# 94
35) Benzo(b)fluoranthene	23.607	252	7100	0.33	ng	# 90
36) Benzo(k)fluoranthene	23.657	252	6999	0.33	ng	93
37) Benzo(a)pyrene	24.303	252	6724	0.35	ng	93
38) Dibenzo(a,h)anthracene	27.248	278	5818	0.34	ng	96
39) Benzo(g,h,i)perylene	28.100	276	6325	0.34	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: 8.421 min Scan# 44

Delta R.T. -0.013 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

ClientSampleId :

PB106752BS

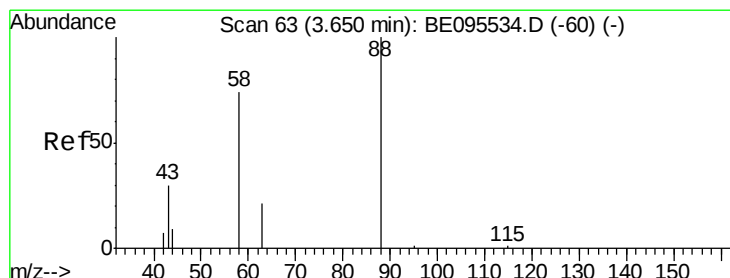
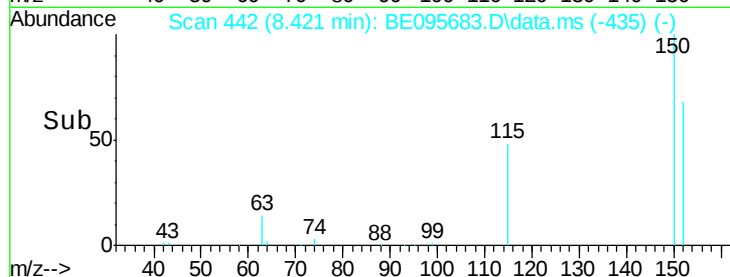
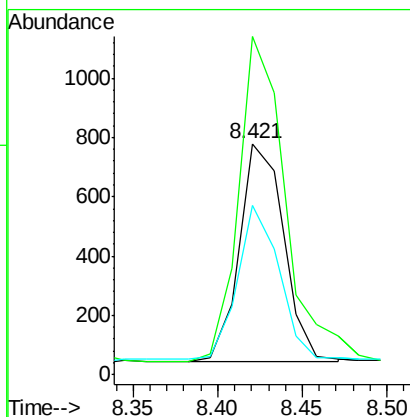
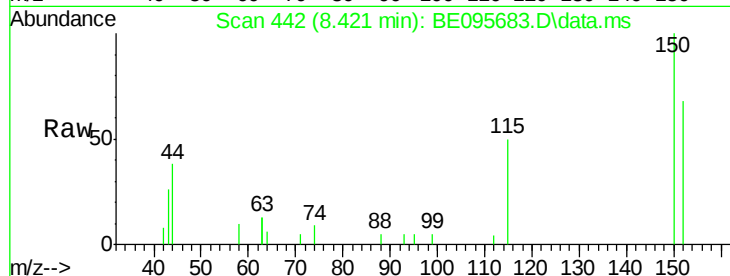
Tot Ion:152 Resp: 1335

Ion Ratio Lower Upper

152 100

150 146.3 117.2 175.8

115 73.2 57.0 85.6



#2

1,4-Dioxane

Concen: 0.31 ng

RT: 3.649 min Scan# 63

Delta R.T. -0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

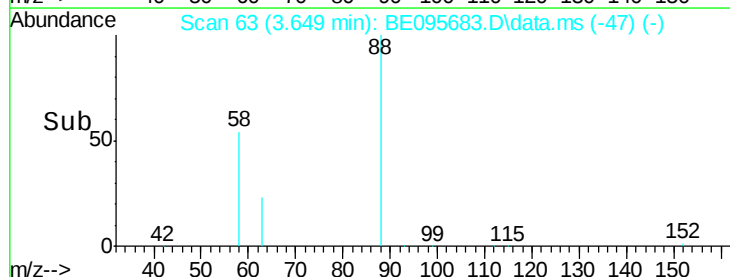
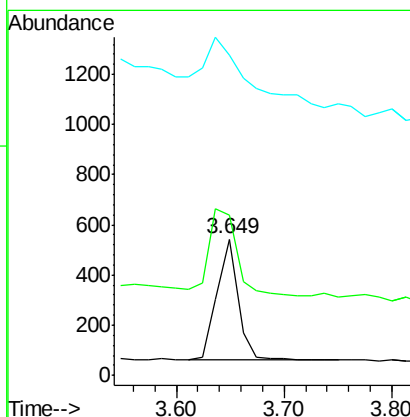
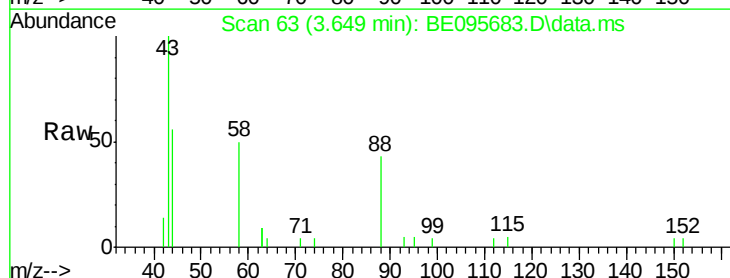
Tgt Ion: 88 Resp: 659

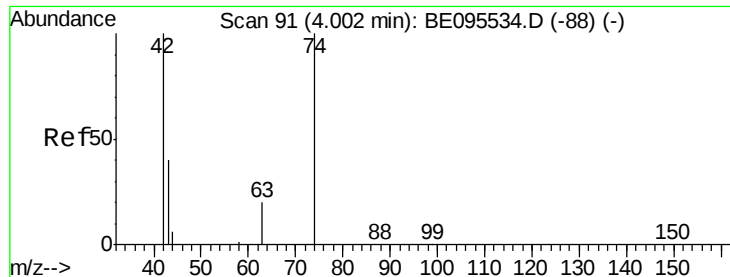
Ion Ratio Lower Upper

88 100

58 93.9 63.2 94.8

43 171.3 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 0.35 ng

RT: 3.989 min Scan# 90

Delta R.T. -0.013 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

ClientSampleId :

PB106752BS

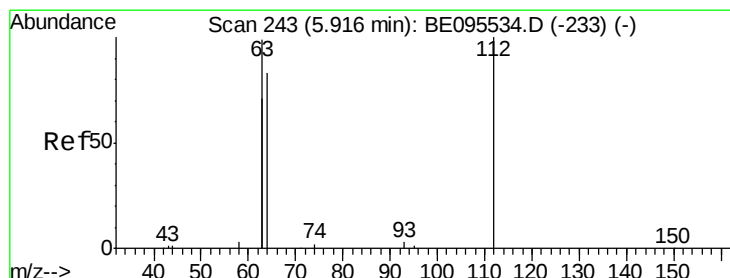
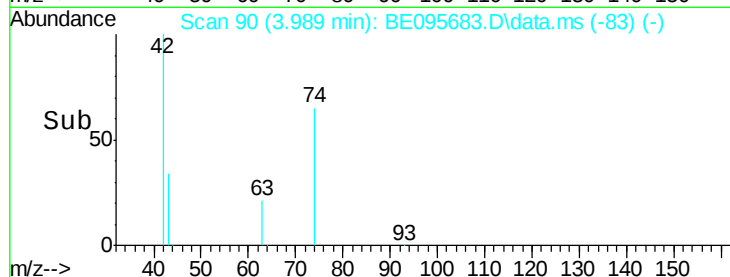
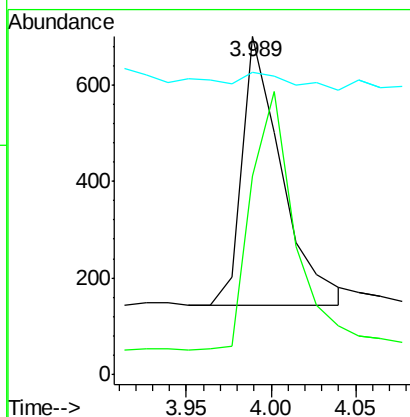
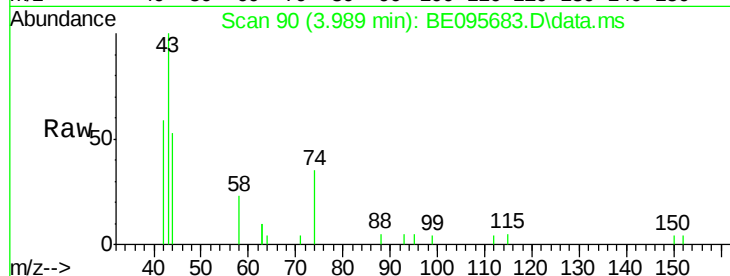
Tot Ion: 42 Resp: 910

Ion Ratio Lower Upper

42 100

74 105.5 96.0 144.0

44 7.9 12.0 18.0#



#4

2-Fluorophenol

Concen: 0.47 ng

RT: 5.915 min Scan# 243

Delta R.T. -0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

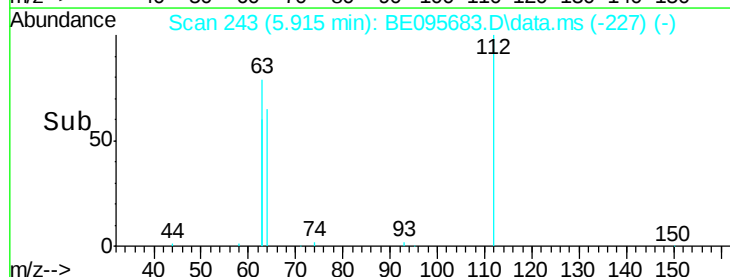
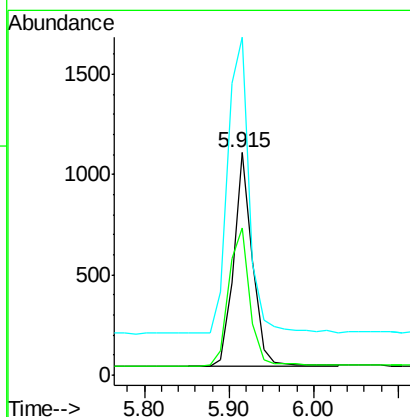
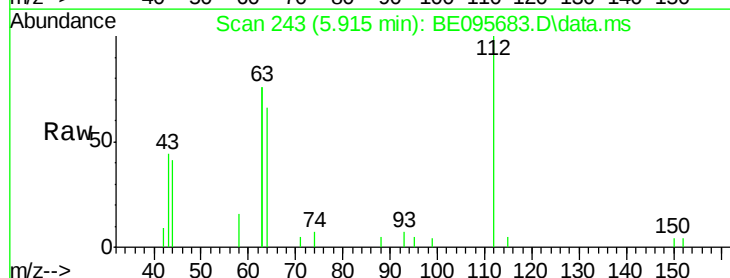
Tgt Ion: 112 Resp: 1656

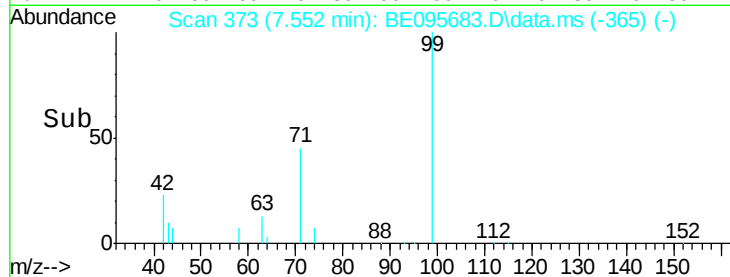
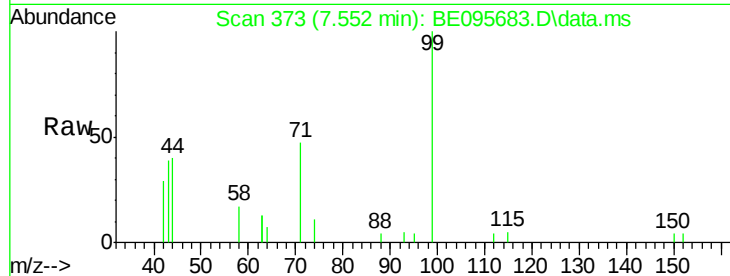
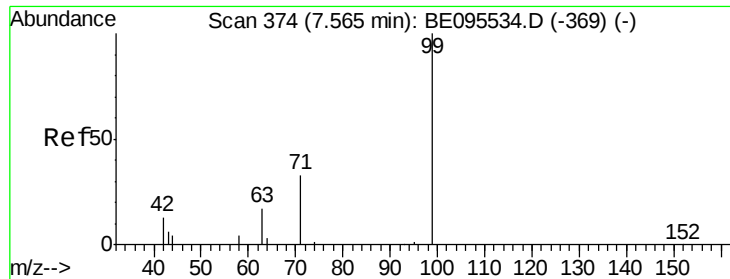
Ion Ratio Lower Upper

112 100

64 72.6 60.1 90.1

63 160.4 116.8 175.2





#5

Phenol-d6

Concen: 0.43 ng

RT: 7.552 min Scan# 37

Delta R.T. -0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

ClientSampleId :

PB106752BS

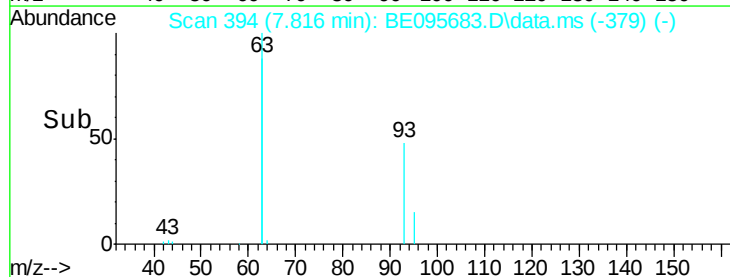
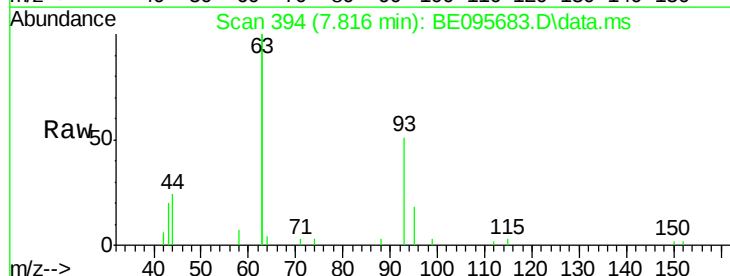
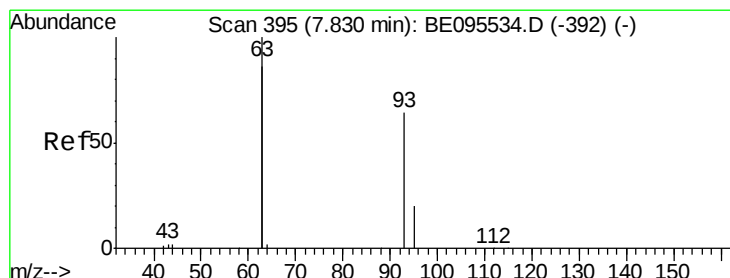
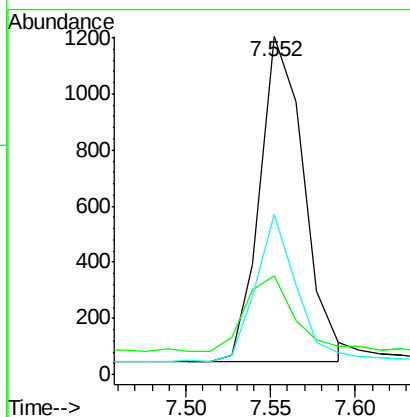
Tot Ion: 99 Resp: 2102

Ion Ratio Lower Upper

99 100

42 25.4 20.2 30.2

71 41.5 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.34 ng

RT: 7.816 min Scan# 394

Delta R.T. -0.013 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

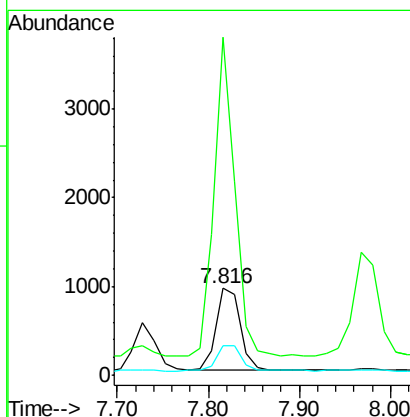
Tgt Ion: 93 Resp: 1714

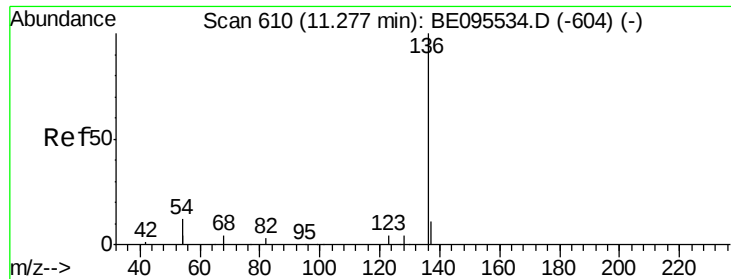
Ion Ratio Lower Upper

93 100

63 330.5 275.3 412.9

95 32.0 25.2 37.8





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.259 min Scan# 60

Delta R.T. -0.017 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

ClientSampleId :

PB106752BS

Tot Ion:136 Resp: 4761

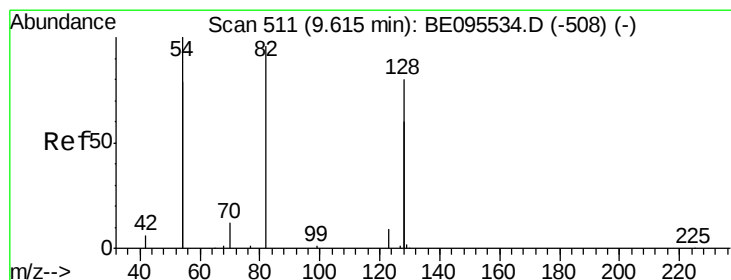
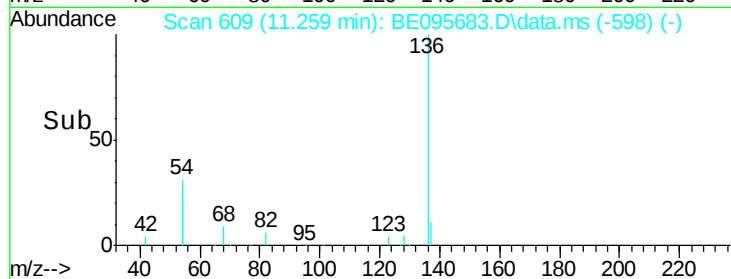
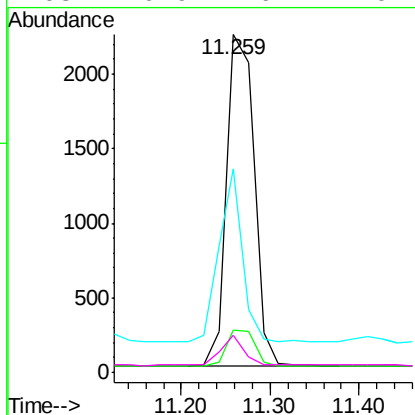
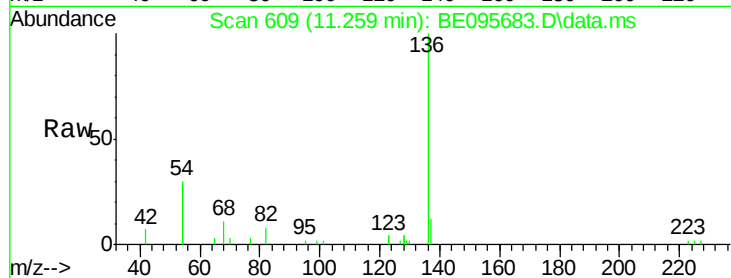
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 60.4 29.1 43.7#

68 10.9 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.42 ng

RT: 9.597 min Scan# 510

Delta R.T. -0.017 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

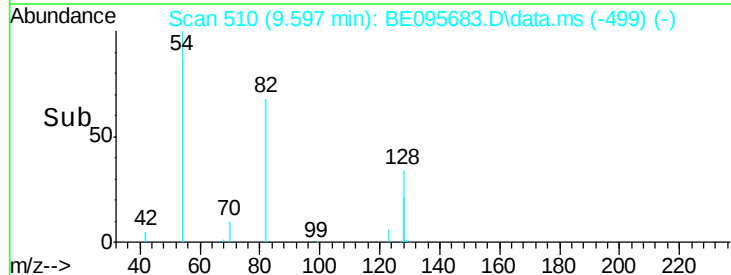
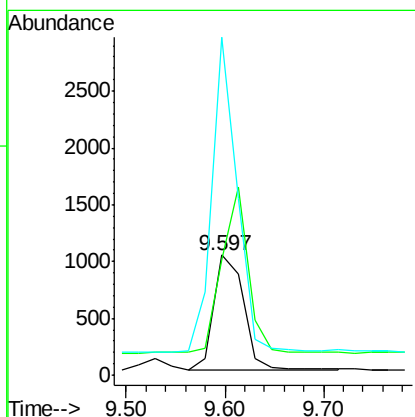
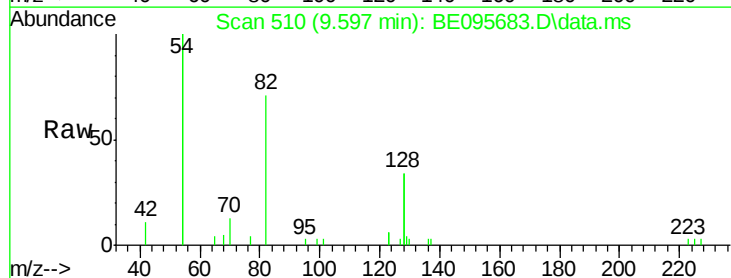
Tgt Ion: 82 Resp: 2083

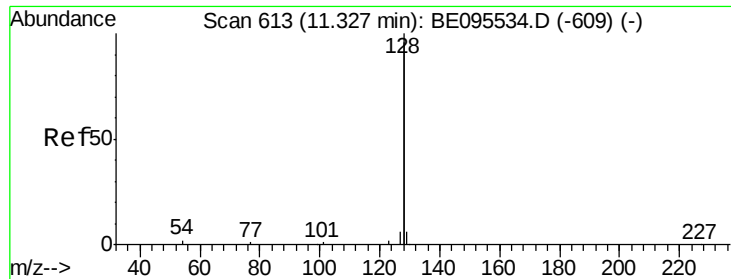
Ion Ratio Lower Upper

82 100

128 95.8 150.0 225.0#

54 281.6 154.2 231.4#





#9

Naphthalene

Concen: 0.34 ng

RT: 11.309 min Scan# 61

Delta R.T. -0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

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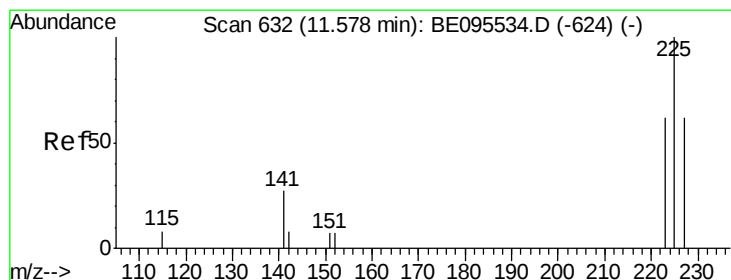
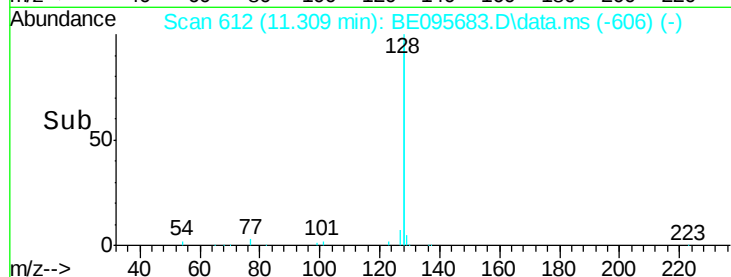
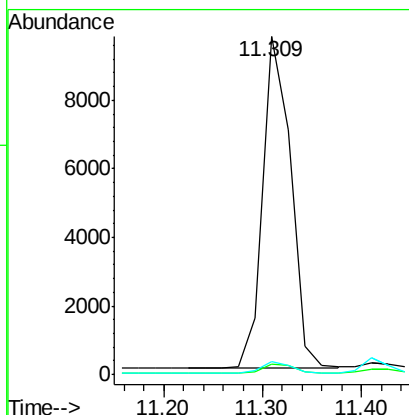
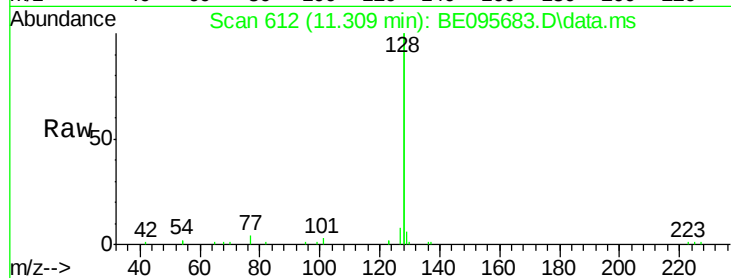
Tot Ion:128 Resp: 18875

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

127 3.8 2.8 4.2



#10

Hexachlorobutadiene

Concen: 0.36 ng

RT: 11.572 min Scan# 631

Delta R.T. 0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

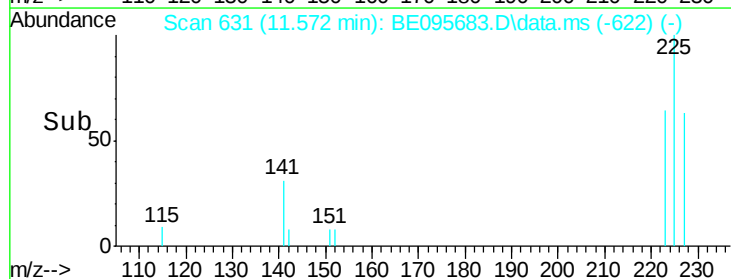
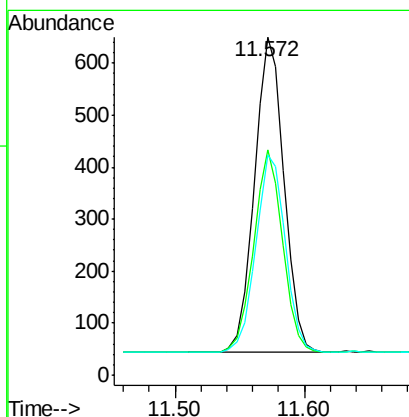
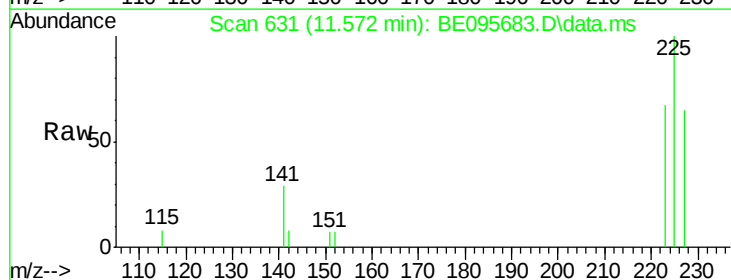
Tgt Ion:225 Resp: 1159

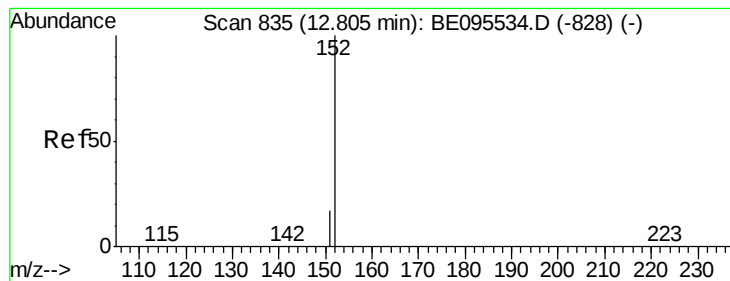
Ion Ratio Lower Upper

225 100

223 63.4 53.0 79.6

227 63.5 51.4 77.2





#11

2-Methylnaphthalene-d10

Concen: 0.42 ng

RT: 12.804 min Scan# 83

Delta R.T. 0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

ClientSampleId :

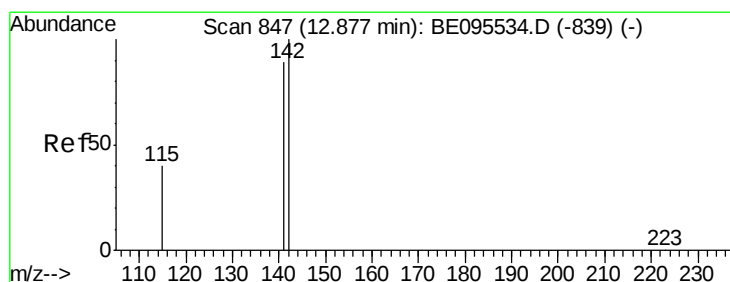
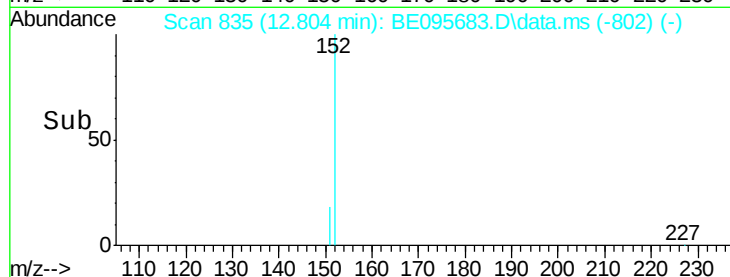
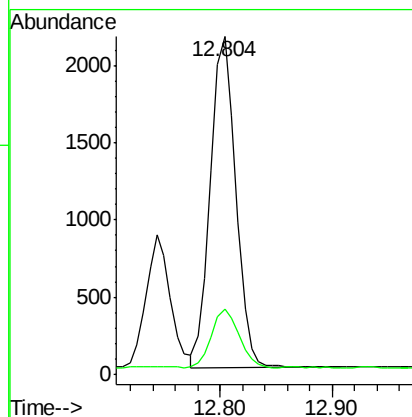
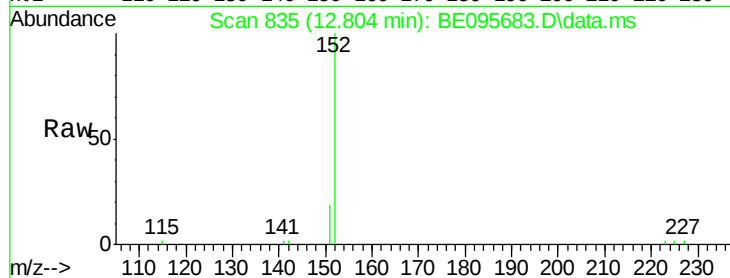
PB106752BS

Tot Ion:152 Resp: 3382

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.34 ng

RT: 12.877 min Scan# 847

Delta R.T. 0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

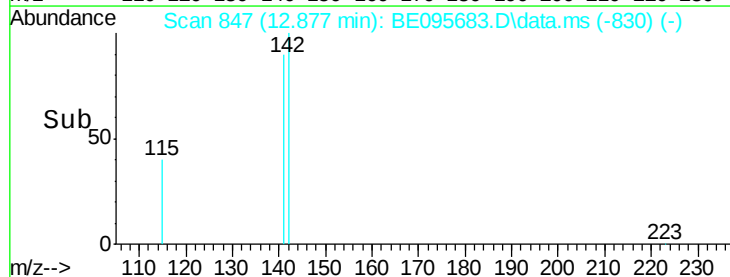
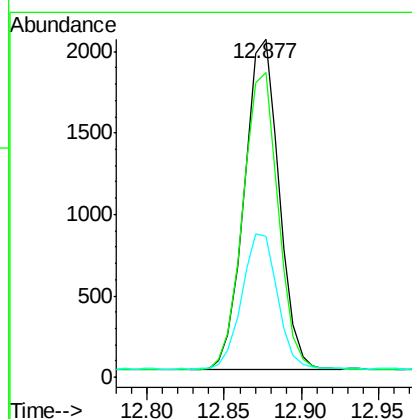
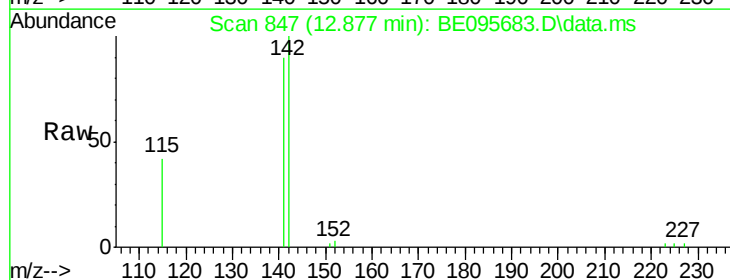
Tgt Ion:142 Resp: 3186

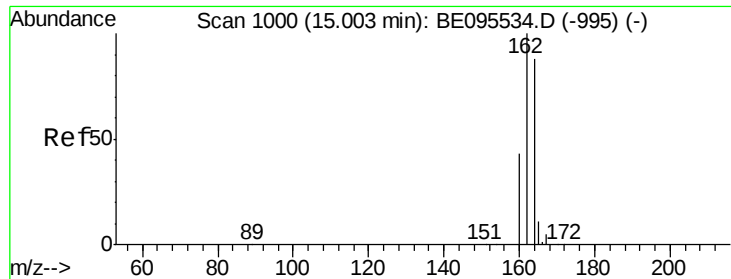
Ion Ratio Lower Upper

142 100

141 90.1 70.4 105.6

115 41.5 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.002 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

ClientSampleId :

PB106752BS

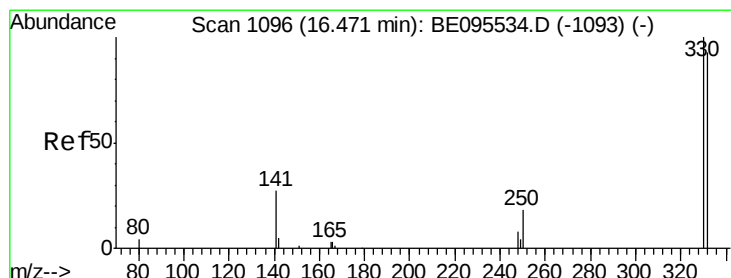
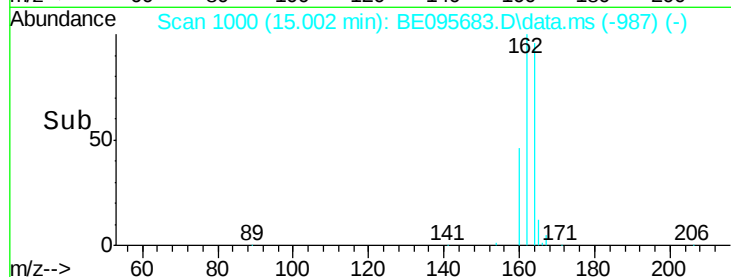
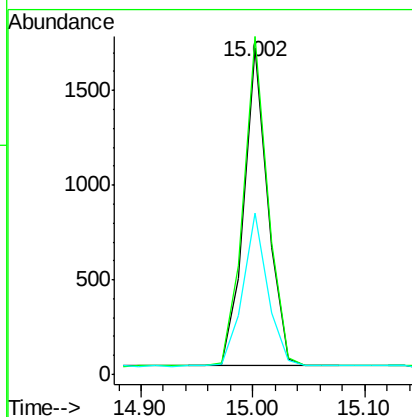
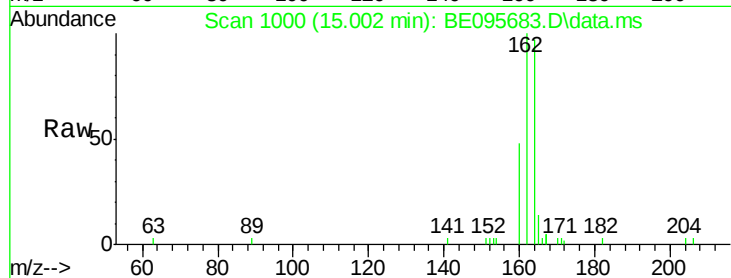
Tot Ion:164 Resp: 2504

Ion Ratio Lower Upper

164 100

162 103.6 83.1 124.7

160 49.3 37.1 55.7



#14

2,4,6-Tribromophenol

Concen: 0.41 ng

RT: 16.473 min Scan# 1096

Delta R.T. 0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

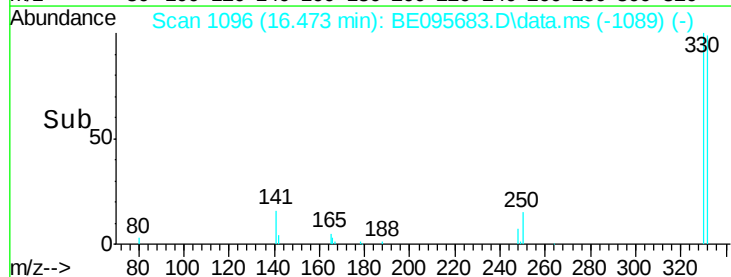
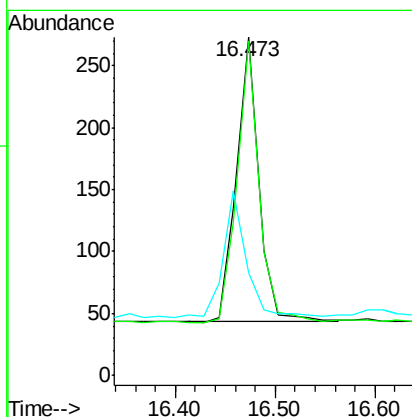
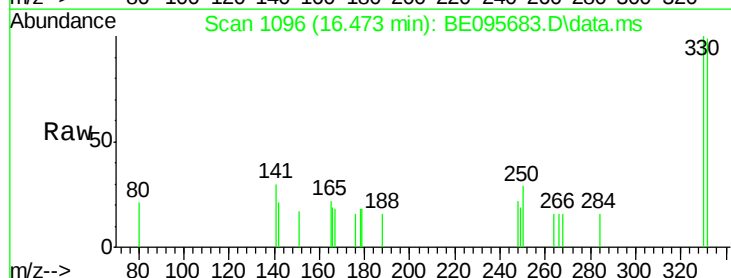
Tgt Ion:330 Resp: 353

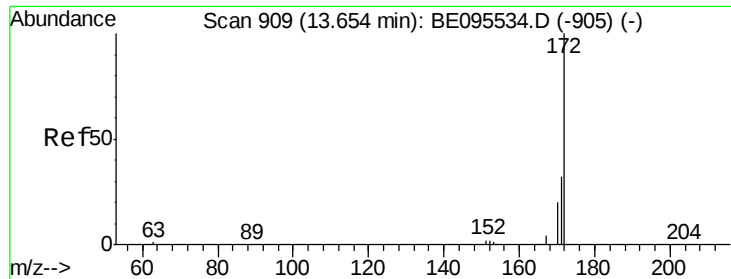
Ion Ratio Lower Upper

330 100

332 97.7 152.7 229.1#

141 46.7 33.7 50.5

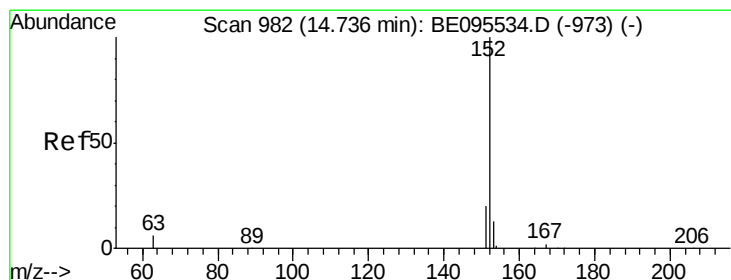
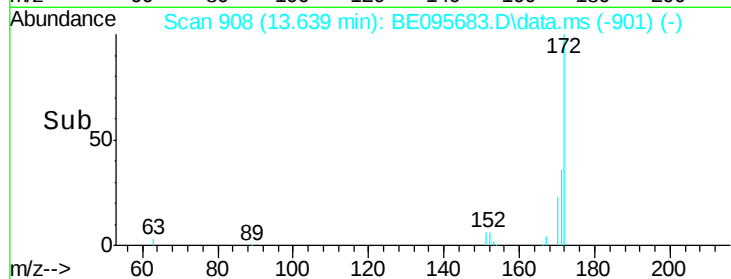
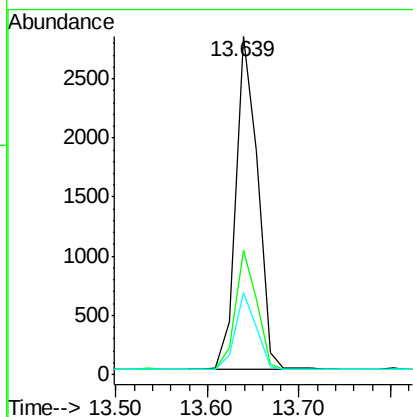
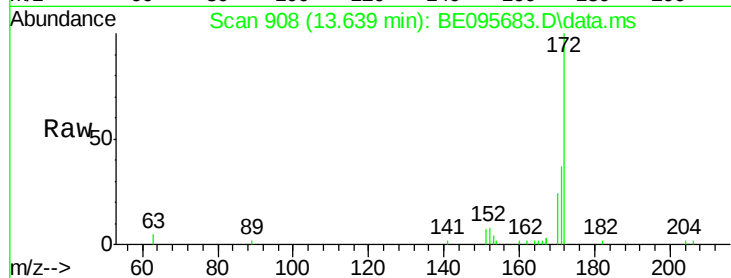




#15
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.639 min Scan# 90
Delta R.T. -0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

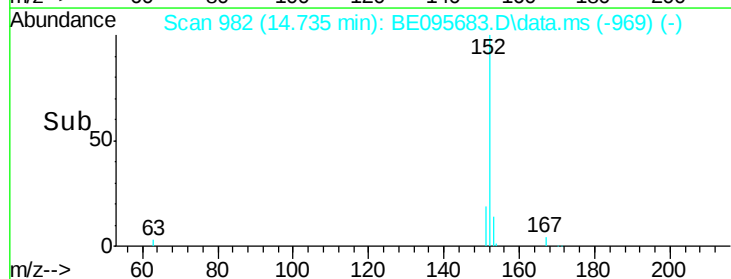
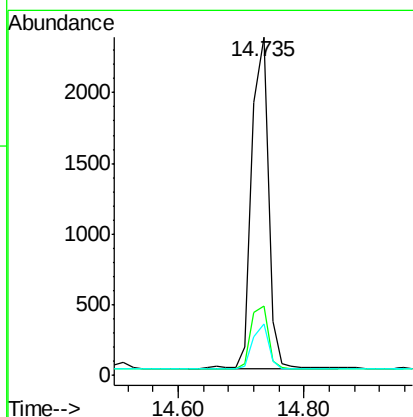
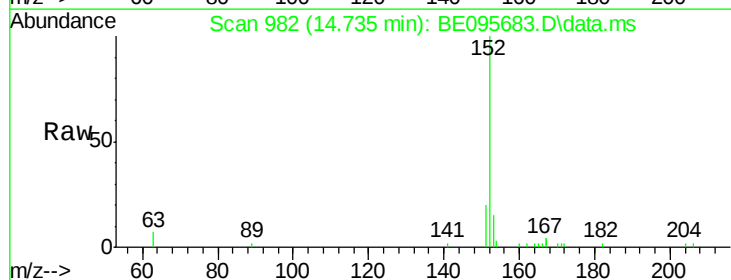
Instrument :
BNA_E
ClientSampleId :
PB106752BS

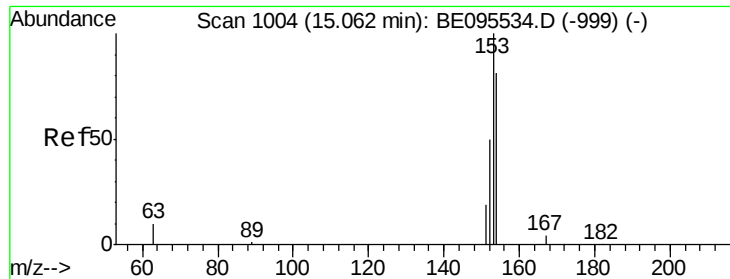
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	24.2	21.8	32.8



#16
Acenaphthylene
Concen: 0.31 ng
RT: 14.735 min Scan# 982
Delta R.T. -0.000 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.9	10.5	15.7





#17

Acenaphthene

Concen: 0.31 ng

RT: 15.061 min Scan# 10

Delta R.T. -0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

ClientSampleId :

PB106752BS

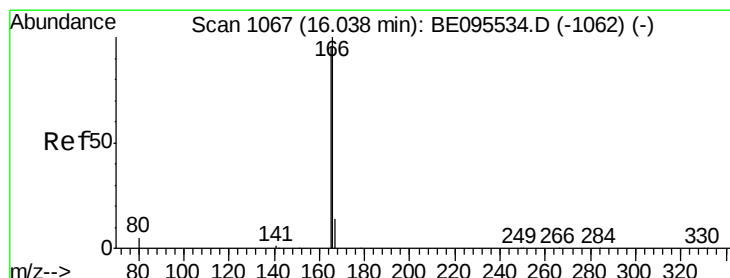
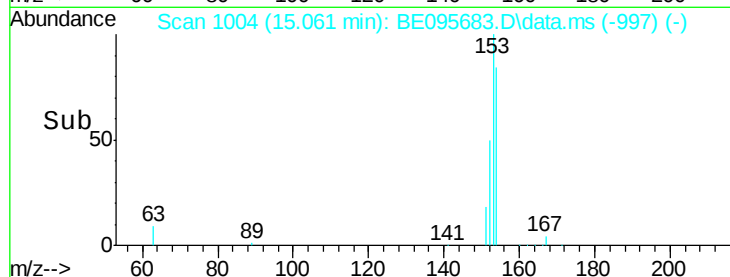
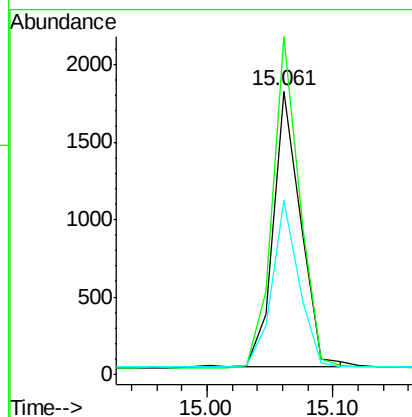
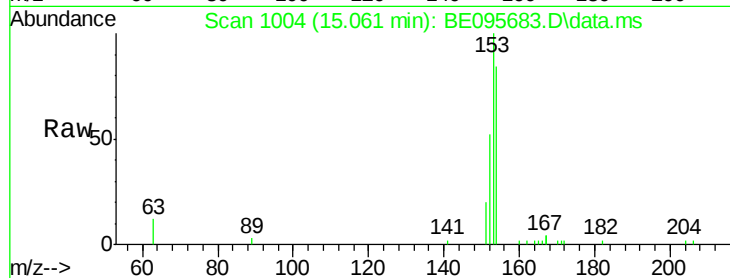
Tot Ion:154 Resp: 2719

Ion Ratio Lower Upper

154 100

153 117.1 89.2 133.8

152 59.2 42.0 63.0



#18

Fluorene

Concen: 0.32 ng

RT: 16.025 min Scan# 1066

Delta R.T. -0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

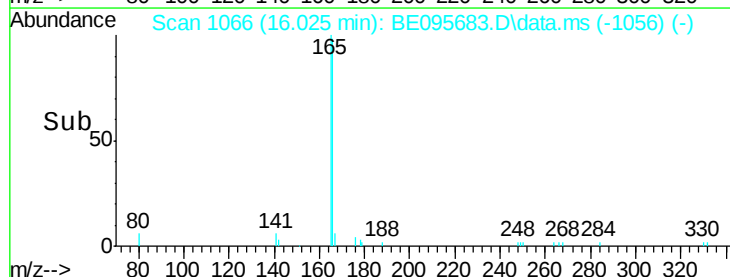
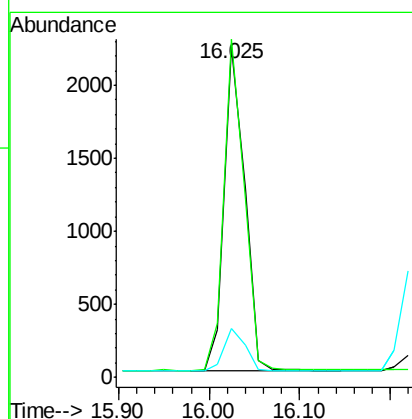
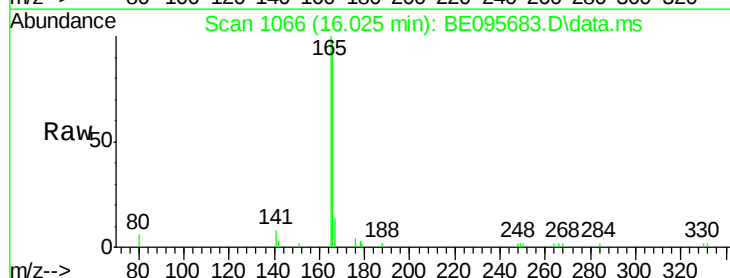
Tgt Ion:166 Resp: 3465

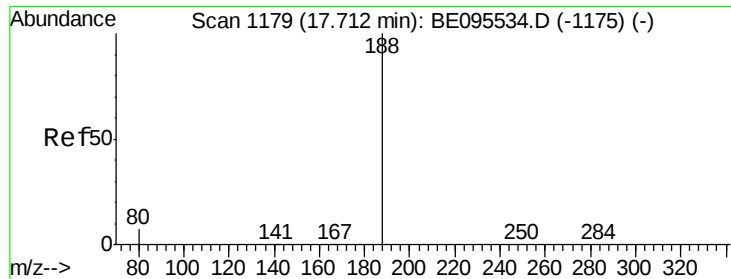
Ion Ratio Lower Upper

166 100

165 100.4 77.8 116.6

167 13.9 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.699 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

ClientSampleId :

PB106752BS

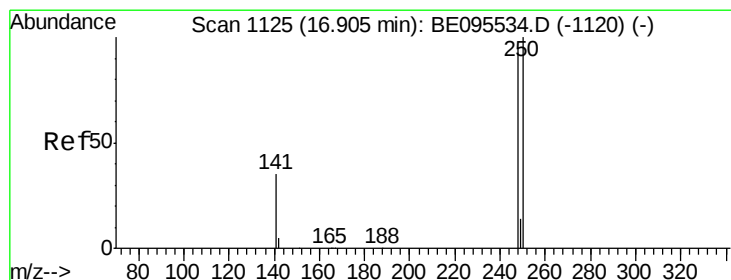
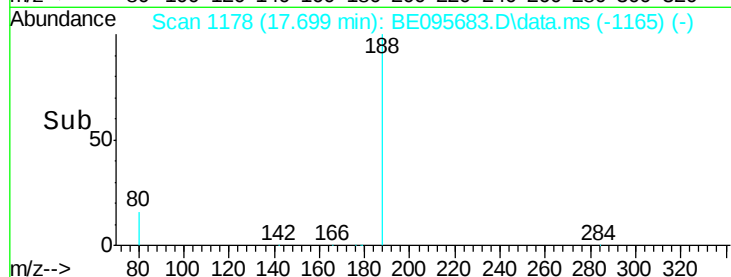
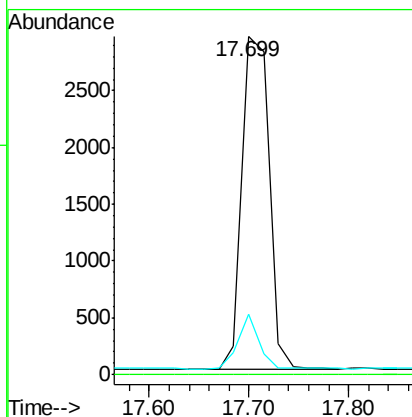
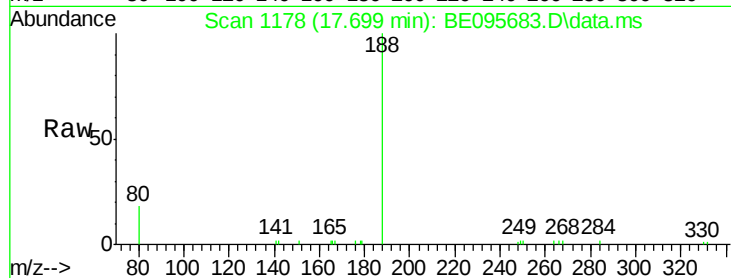
Tot Ion:188 Resp: 5583

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 17.7 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.32 ng

RT: 16.892 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

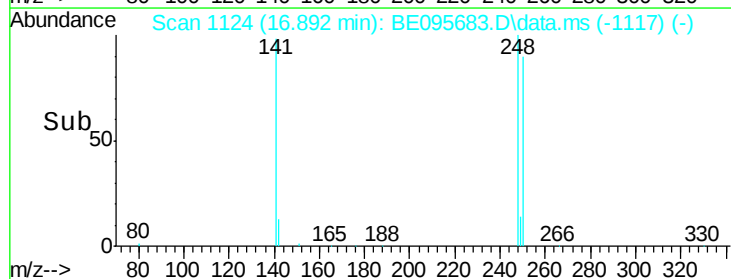
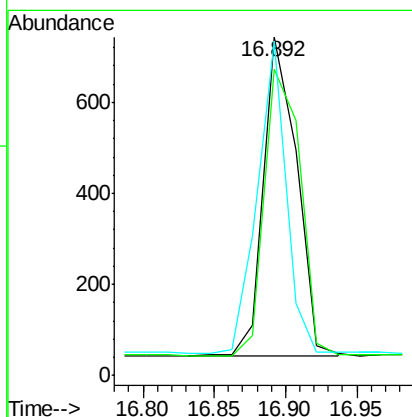
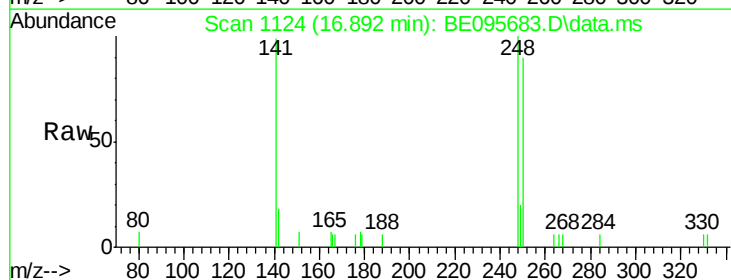
Tgt Ion:248 Resp: 1116

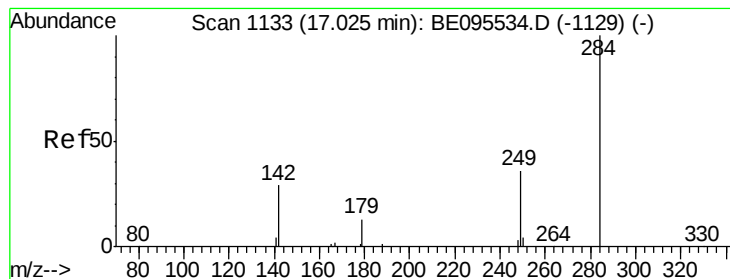
Ion Ratio Lower Upper

248 100

250 90.4 62.7 94.1

141 99.1 48.2 72.2#





#21

Hexachlorobenzene

Concen: 0.32 ng

RT: 17.026 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

ClientSampleId :

PB106752BS

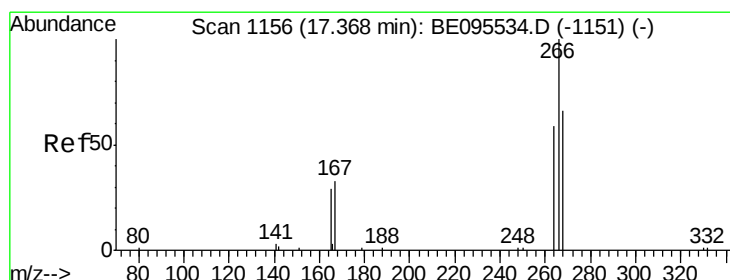
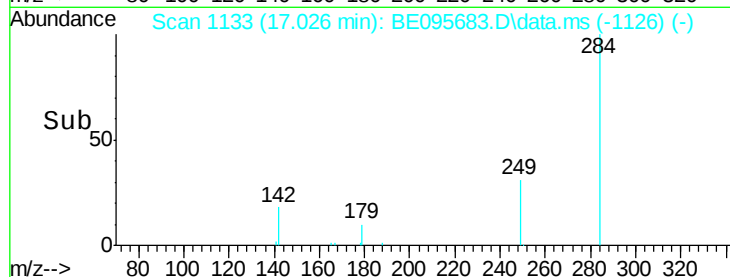
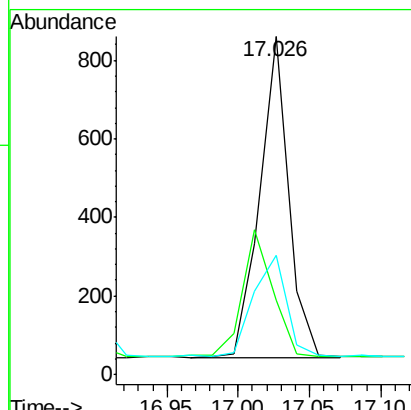
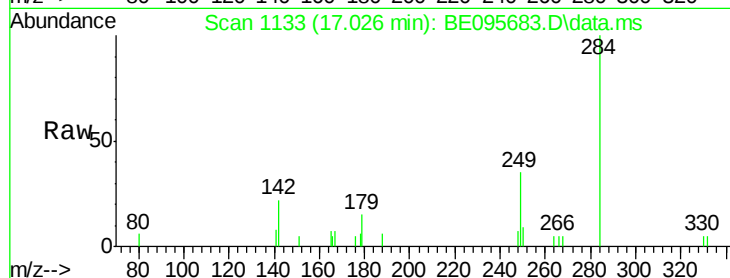
Tot Ion:284 Resp: 1159

Ion Ratio Lower Upper

284 100

142 41.4 22.1 33.1#

249 36.5 34.8 52.2



#22

Pentachlorophenol

Concen: 0.59 ng

RT: 17.355 min Scan# 1155

Delta R.T. -0.015 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

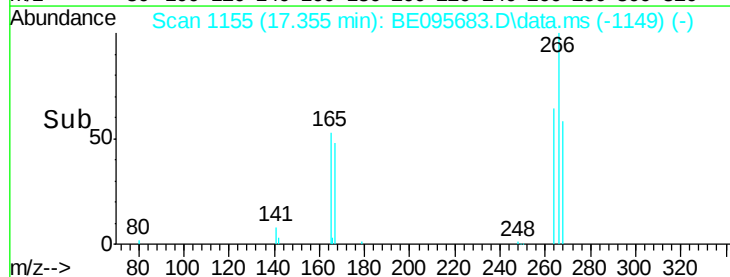
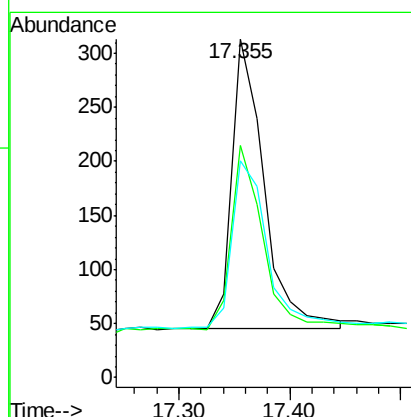
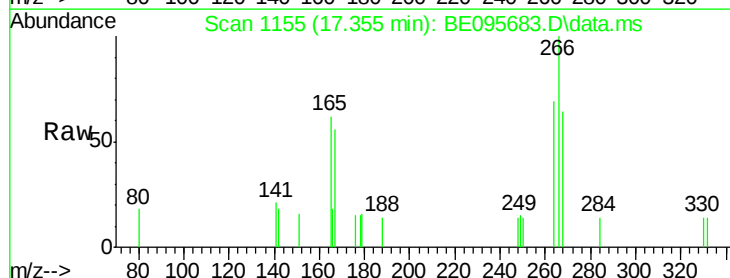
Tgt Ion:266 Resp: 545

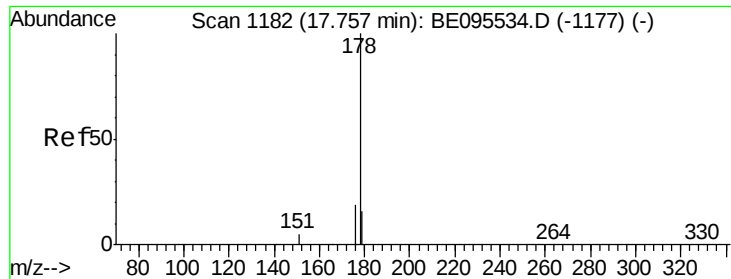
Ion Ratio Lower Upper

266 100

264 68.7 72.5 108.7#

268 63.9 73.8 110.6#





#23

Phenanthrene

Concen: 0.34 ng

RT: 17.744 min Scan# 11

Delta R.T. -0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

ClientSampleId :

PB106752BS

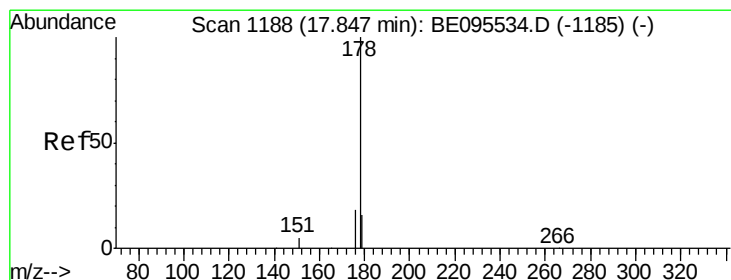
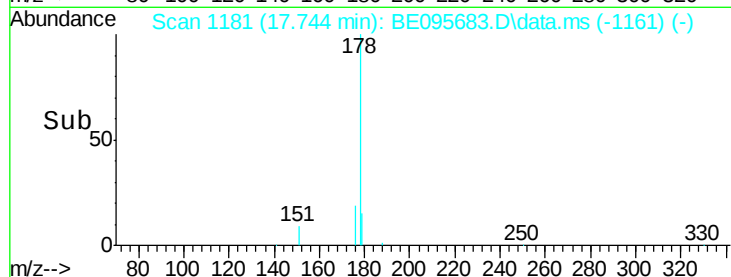
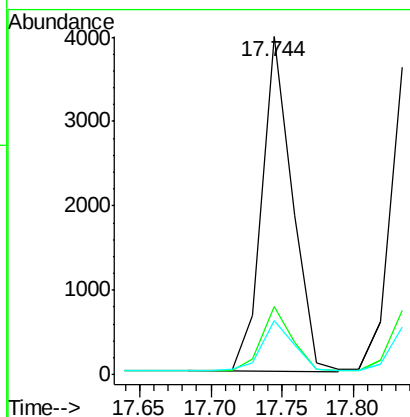
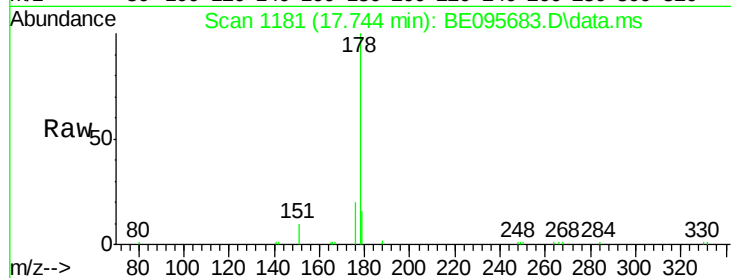
Tot Ion:178 Resp: 5921

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 14.9 11.8 17.6



#24

Anthracene

Concen: 0.34 ng

RT: 17.834 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

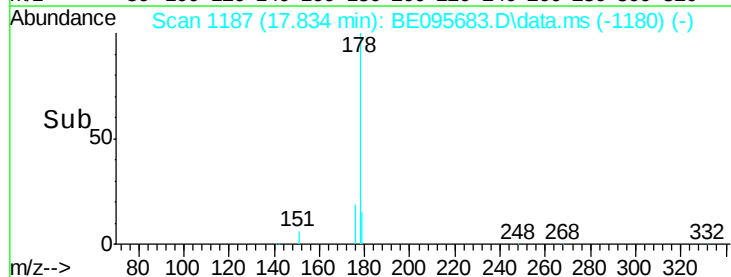
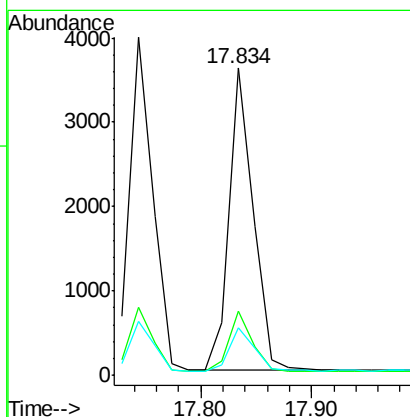
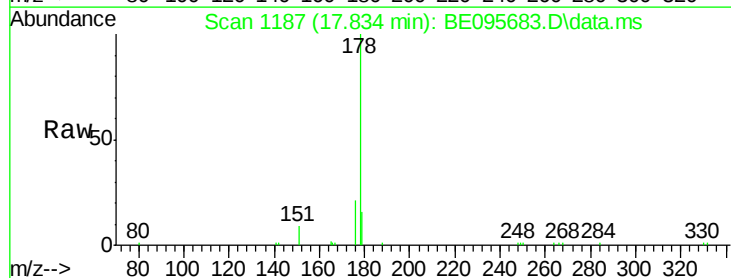
Tgt Ion:178 Resp: 5400

Ion Ratio Lower Upper

178 100

176 19.3 12.8 19.2#

179 14.6 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.45 ng

RT: 19.685 min Scan# 1422

Delta R.T. -0.001 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

ClientSampleId :

PB106752BS

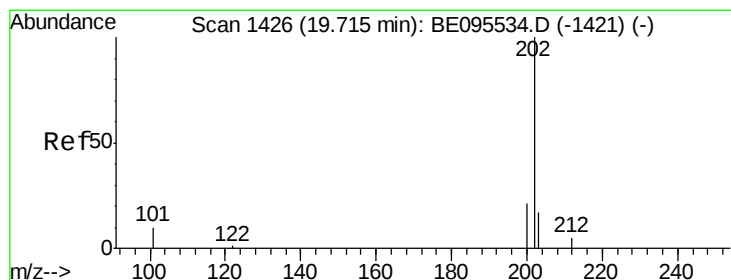
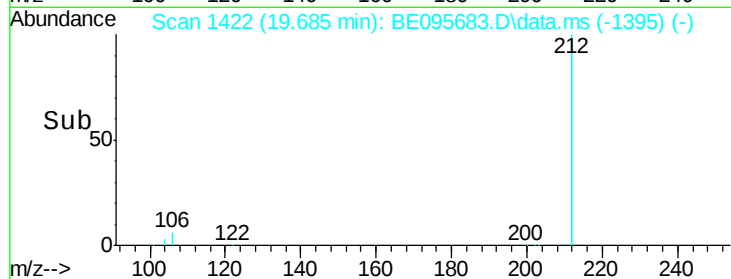
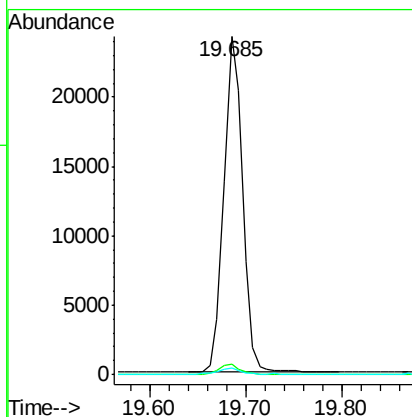
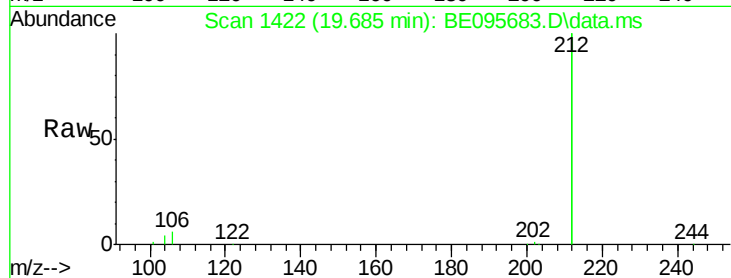
Tot Ion:212 Resp: 32621

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

104 1.7 1.6 2.4



#26

Fluoranthene

Concen: 0.35 ng

RT: 19.714 min Scan# 1426

Delta R.T. -0.001 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

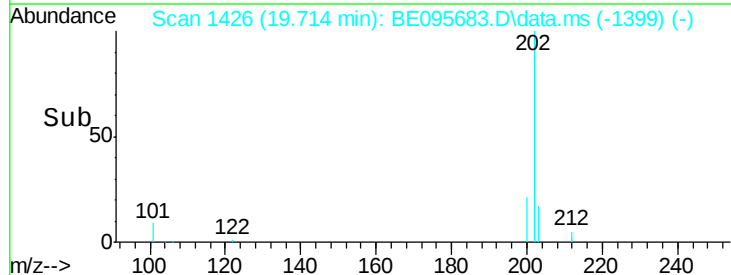
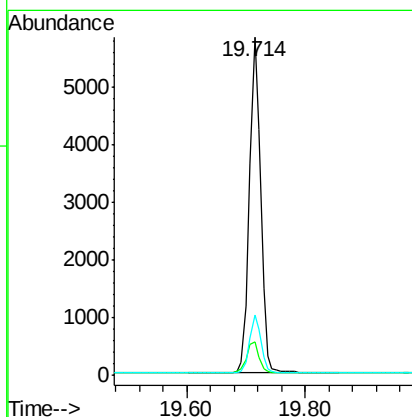
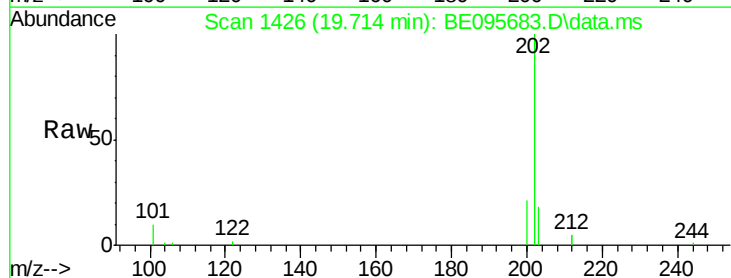
Tgt Ion:202 Resp: 7570

Ion Ratio Lower Upper

202 100

101 9.9 9.8 14.8

203 16.8 13.7 20.5

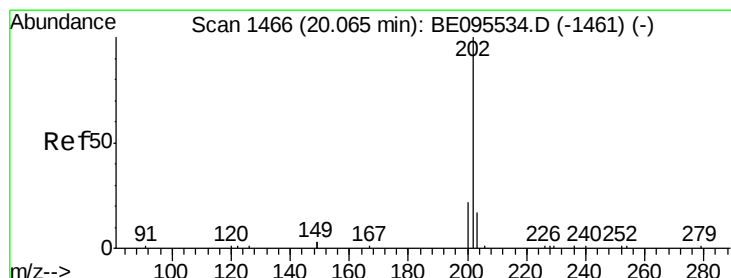
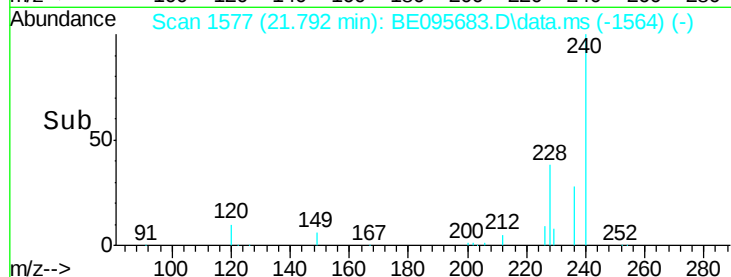
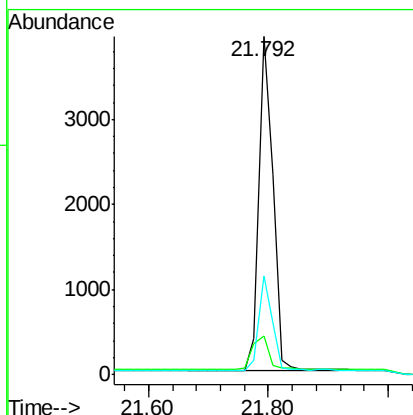
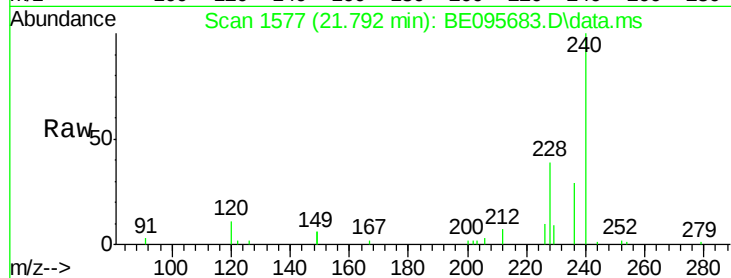




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.792 min Scan# 1577
Delta R.T. -0.001 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

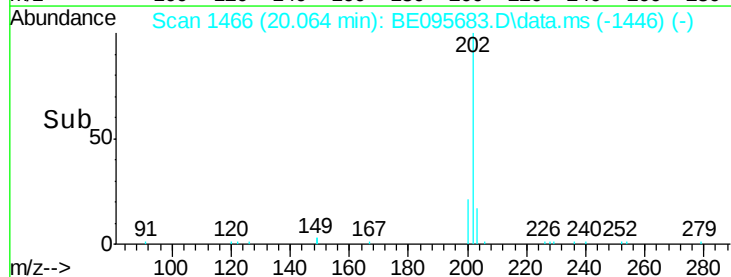
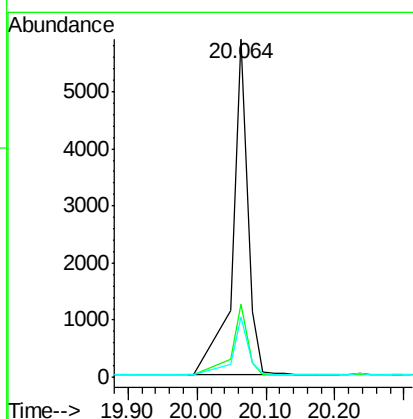
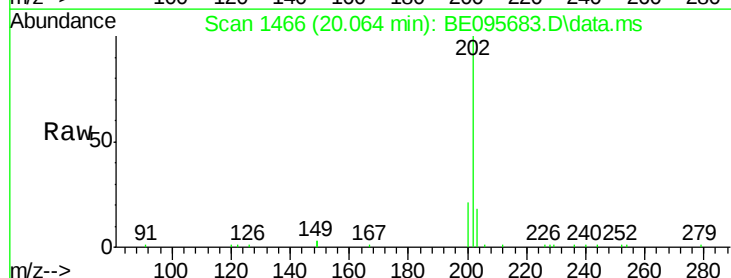
Instrument :
BNA_E
ClientSampleId :
PB106752BS

Tot Ion:240 Resp: 6427
Ion Ratio Lower Upper
240 100
120 11.5 5.5 8.3#
236 29.1 20.7 31.1



#28
Pyrene
Concen: 0.34 ng
RT: 20.064 min Scan# 1466
Delta R.T. -0.001 min
Lab File: BE095683.D
Acq: 23 Feb 2018 15:07

Tgt Ion:202 Resp: 8891
Ion Ratio Lower Upper
202 100
200 20.4 16.6 25.0
203 17.1 13.8 20.8





#29

Terphenyl-d14

Concen: 0.41 ng

RT: 20.251 min Scan# 1478

Delta R.T. -0.001 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

ClientSampleId :

PB106752BS

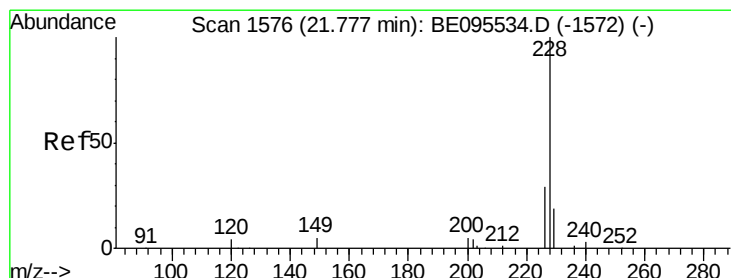
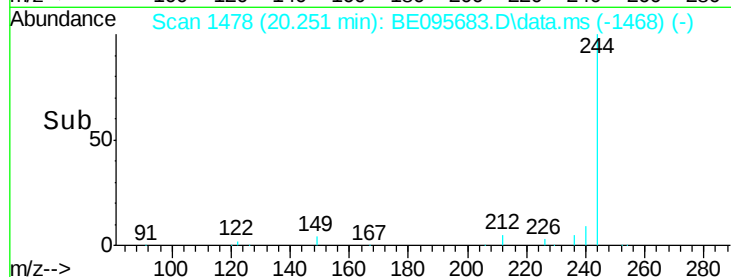
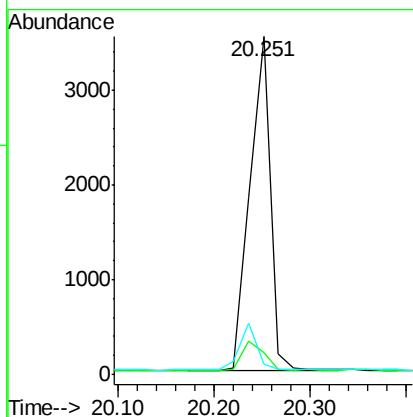
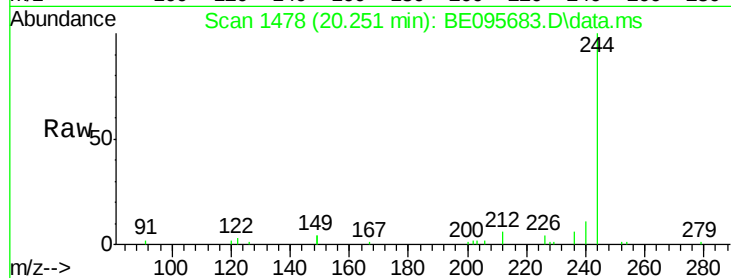
Tot Ion:244 Resp: 5218

Ion Ratio Lower Upper

244 100

212 6.4 25.4 38.0#

122 3.0 8.1 12.1#



#30

Benzo(a)anthracene

Concen: 0.34 ng

RT: 21.776 min Scan# 1576

Delta R.T. -0.001 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

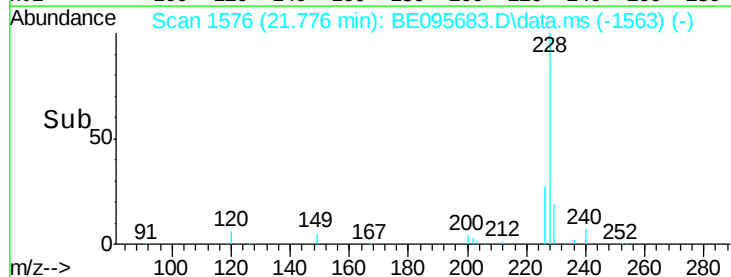
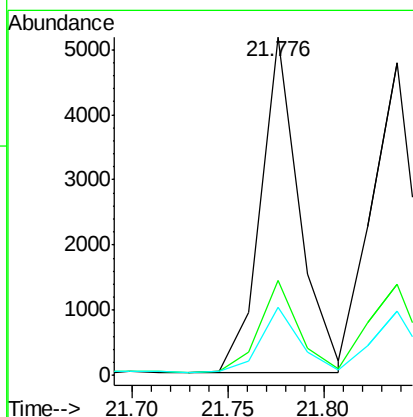
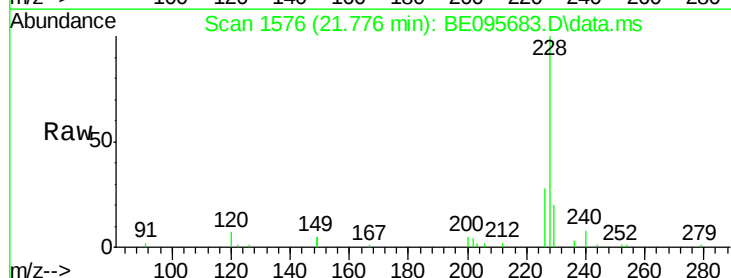
Tgt Ion:228 Resp: 7227

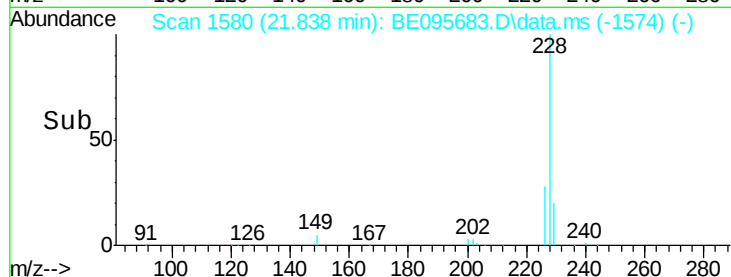
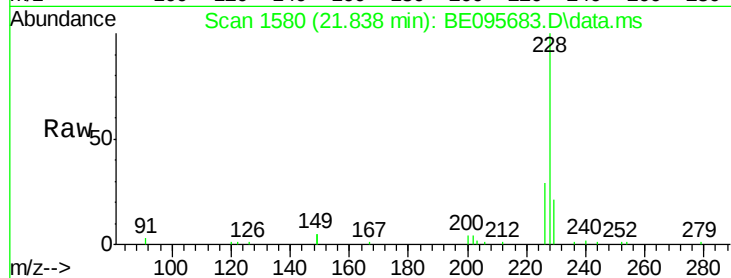
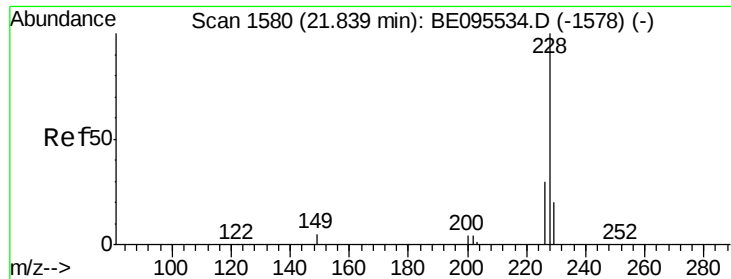
Ion Ratio Lower Upper

228 100

226 28.1 24.0 36.0

229 20.1 16.0 24.0





#31

Chrysene

Concen: 0.34 ng

RT: 21.838 min Scan# 15

Delta R.T. -0.001 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

ClientSampleId :

PB106752BS

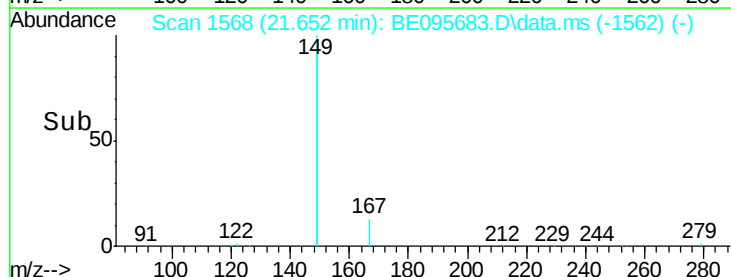
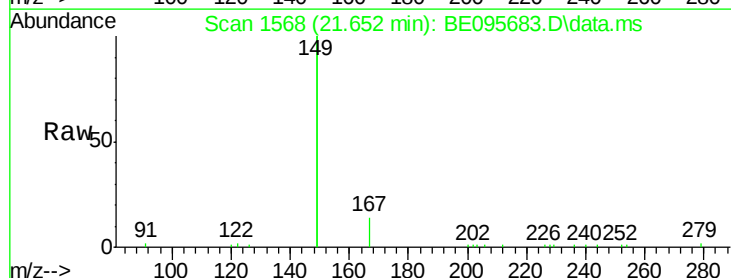
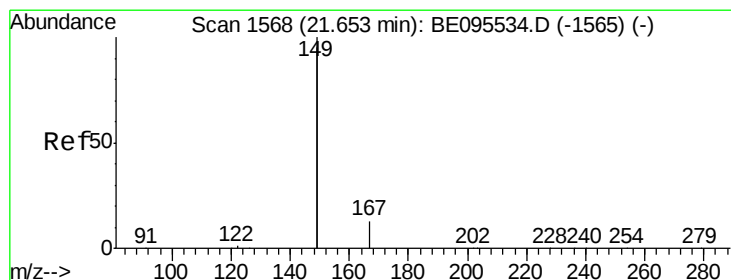
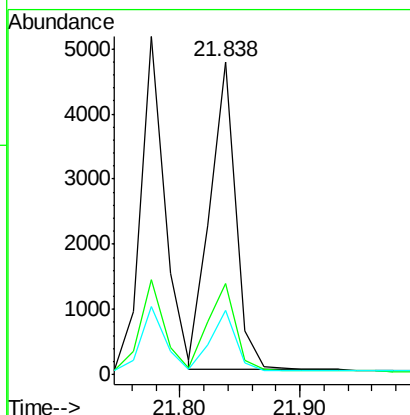
Tot Ion:228 Resp: 7129

Ion Ratio Lower Upper

228 100

226 29.1 24.0 36.0

229 20.5 16.0 24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.35 ng

RT: 21.652 min Scan# 1568

Delta R.T. -0.001 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

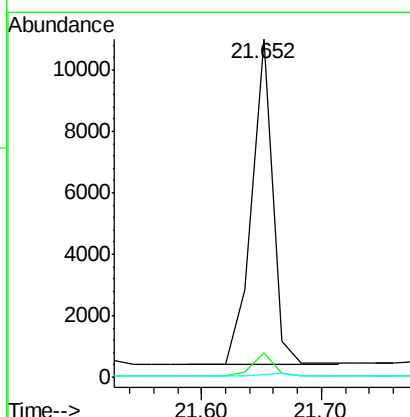
Tgt Ion:149 Resp: 13050

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

279 0.8 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.36 ng

RT: 27.225 min Scan# 27

Delta R.T. -0.004 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

ClientSampleId :

PB106752BS

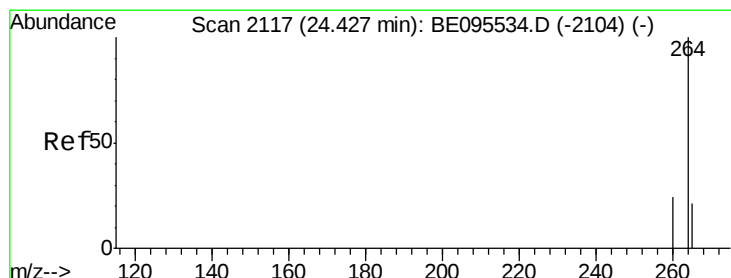
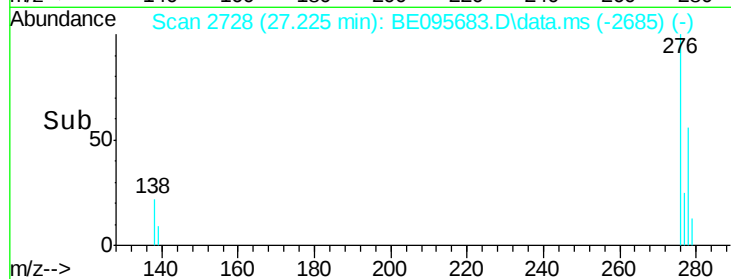
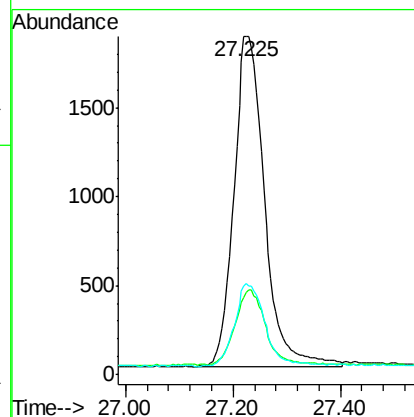
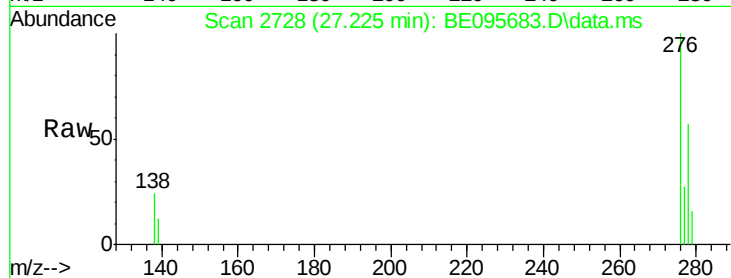
Tot Ion:276 Resp: 7363

Ion Ratio Lower Upper

276 100

138 22.3 22.5 33.7#

277 24.6 19.9 29.9



#34

Perylene-d12

Concen: 0.40 ng

RT: 24.422 min Scan# 2116

Delta R.T. 0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

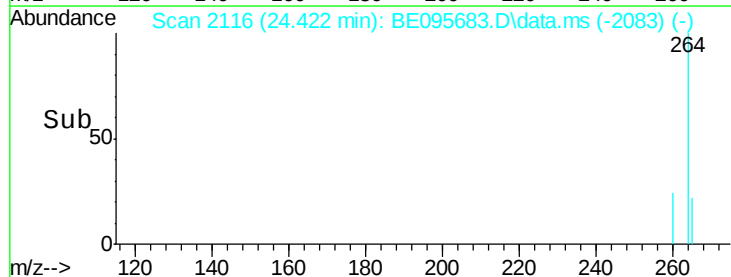
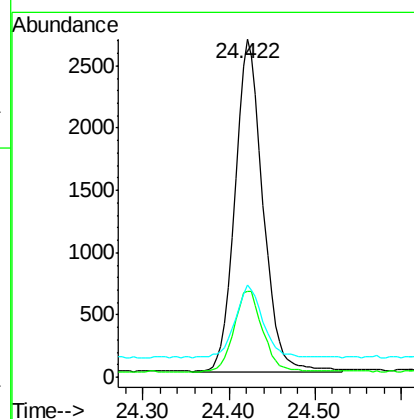
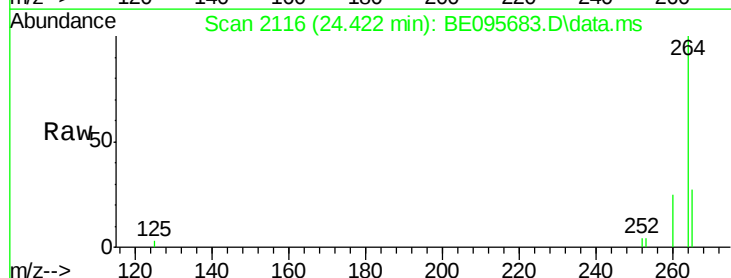
Tgt Ion:264 Resp: 6007

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

265 27.3 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.33 ng

RT: 23.607 min Scan# 19

Delta R.T. 0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

ClientSampleId :

PB106752BS

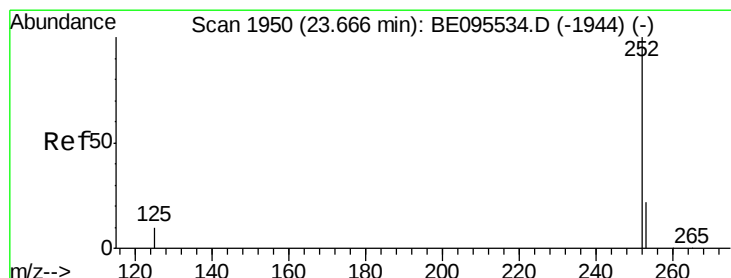
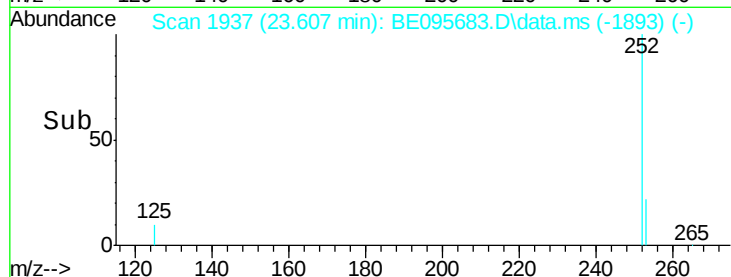
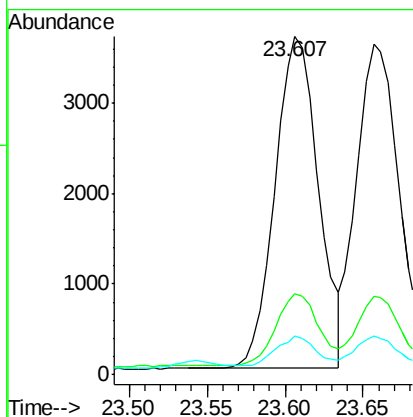
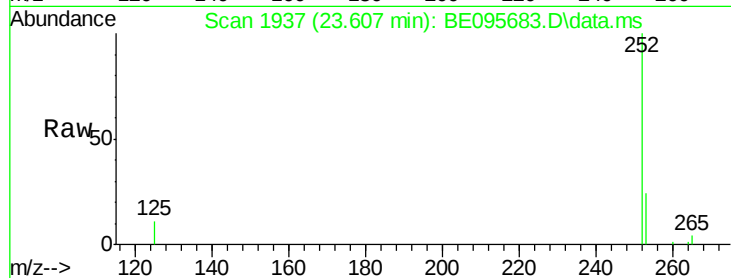
Tot Ion:252 Resp: 7100

Ion Ratio Lower Upper

252 100

253 23.8 20.0 30.0

125 11.3 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 0.33 ng

RT: 23.657 min Scan# 1948

Delta R.T. -0.004 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

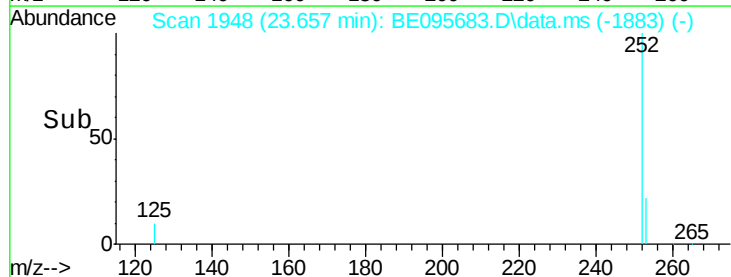
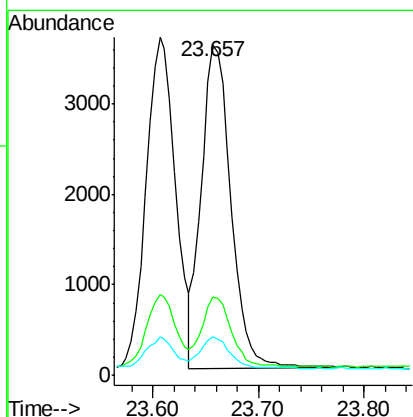
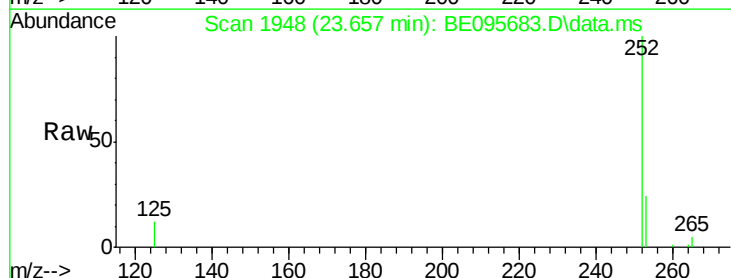
Tgt Ion:252 Resp: 6999

Ion Ratio Lower Upper

252 100

253 23.9 16.0 24.0

125 11.8 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.35 ng

RT: 24.303 min Scan# 2091

Delta R.T. 0.000 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

ClientSampleId :

PB106752BS

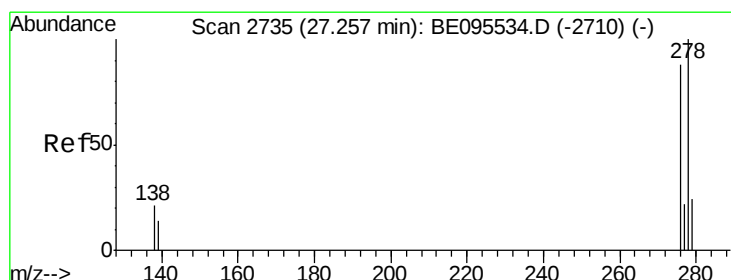
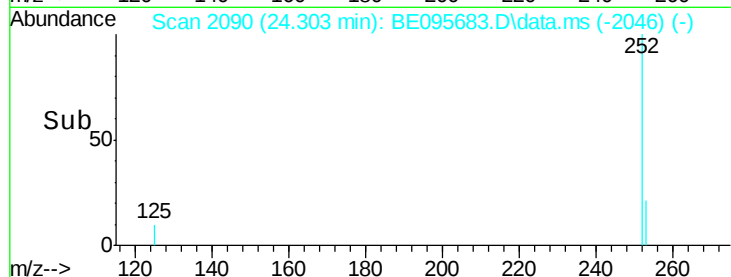
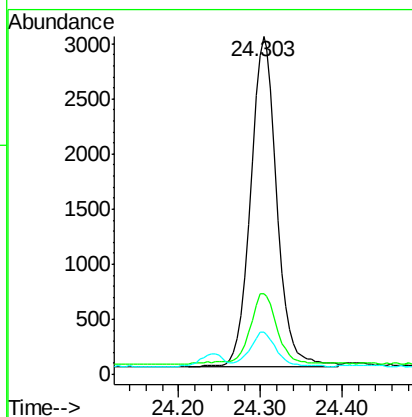
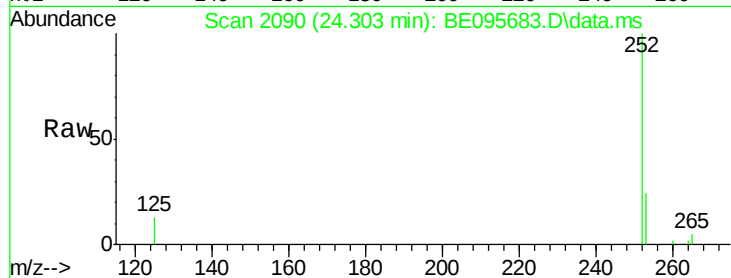
Tot Ion:252 Resp: 6724

Ion Ratio Lower Upper

252 100

253 23.9 16.0 24.0

125 12.7 12.0 18.0



#38

Dibenzo(a,h)anthracene

Concen: 0.34 ng

RT: 27.248 min Scan# 2733

Delta R.T. 0.001 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

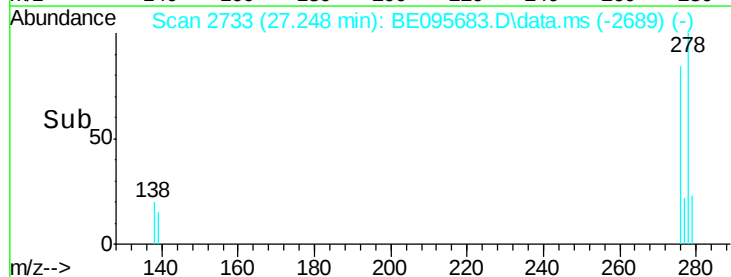
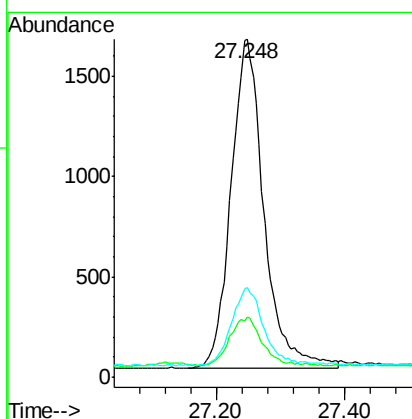
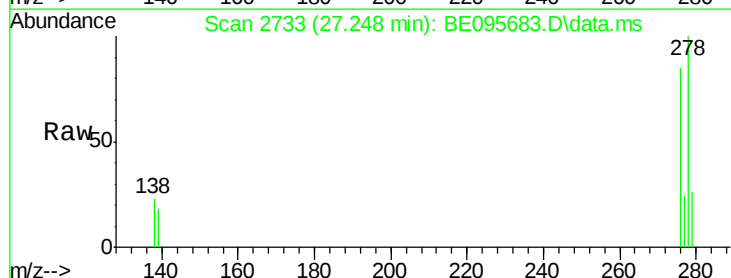
Tgt Ion:278 Resp: 5818

Ion Ratio Lower Upper

278 100

139 17.9 16.0 24.0

279 26.4 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.34 ng

RT: 28.100 min Scan# 29

Delta R.T. 0.001 min

Lab File: BE095683.D

Acq: 23 Feb 2018 15:07

Instrument :

BNA_E

ClientSampleId :

PB106752BS

Tot Ion:276 Resp: 6325

Ion Ratio Lower Upper

276 100

277 25.5 16.0 24.0#

138 22.9 20.0 30.0

