

Data Path : Z:\HPCHEM1\BNA E\Data\BE022318\
 Data File : BE095677.D
 Acq On : 23 Feb 2018 11:29
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 23 12:04:36 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 10:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.435	152	1191	0.40	ng	0.00
7) Naphthalene-d8	11.275	136	4862	0.40	ng	0.00
13) Acenaphthene-d10	15.002	164	2825	0.40	ng	0.00
19) Phenanthrene-d10	17.713	188	6213	0.40	ng	0.01
27) Chrysene-d12	21.792	240	6659	0.40	ng	0.00
34) Perylene-d12	24.421	264	5738	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.917	112	10648	2.96	ng	0.00
5) Phenol-d6	7.554	99	15596	3.13	ng	0.00
8) Nitrobenzene-d5	9.613	82	16280	3.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.804	152	26007	3.23	ng	0.00
14) 2,4,6-Tribromophenol	16.472	330	4233	3.29	ng	0.00
15) 2-Fluorobiphenyl	13.639	172	39412	3.24	ng	0.00
25) Fluoranthene-d10	19.685	212	265463	3.24	ng	0.00
29) Terphenyl-d14	20.251	244	42999	3.03	ng	0.00

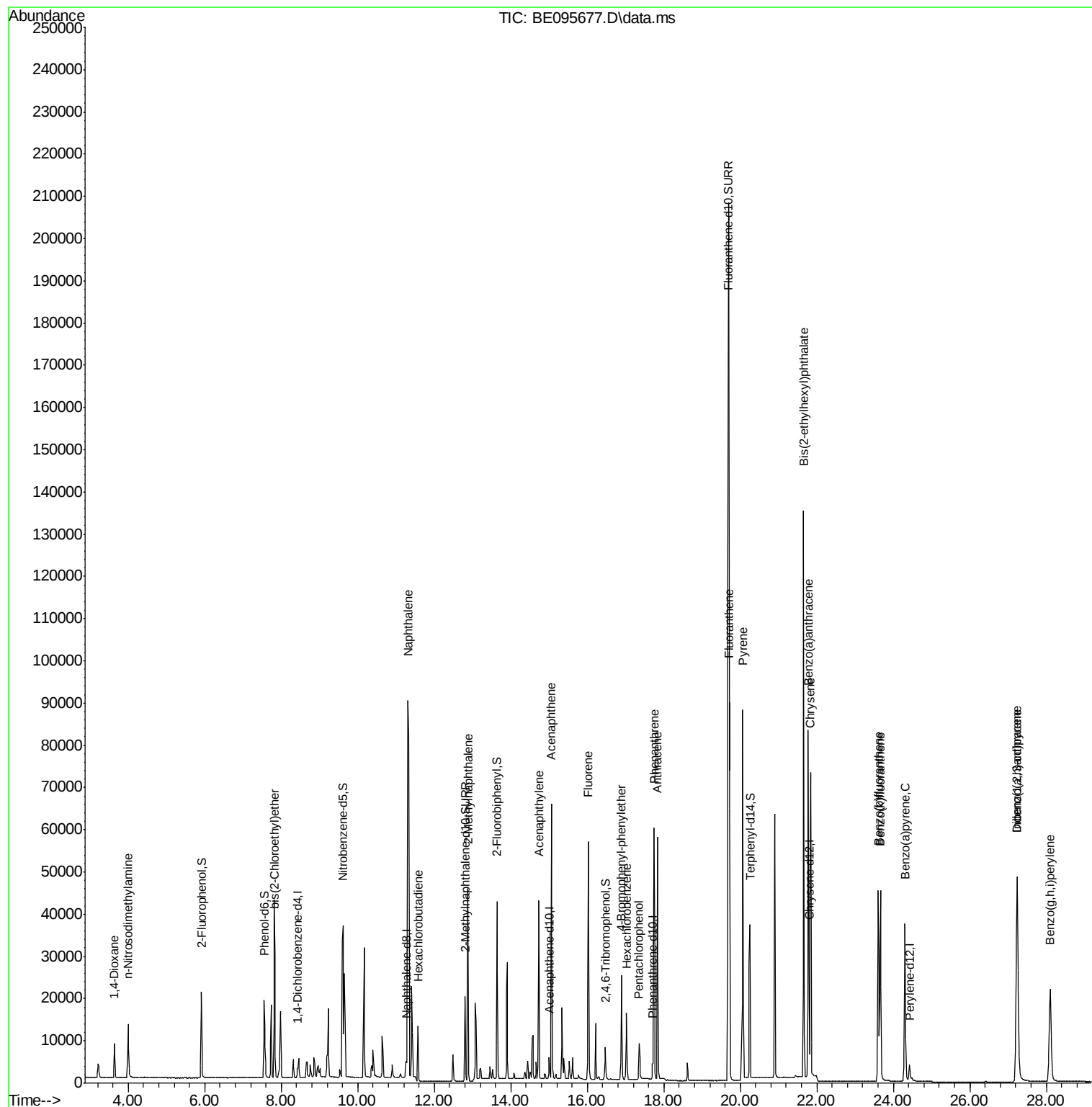
Target Compounds						Qvalue
2) 1,4-Dioxane	3.638	88	5554	2.82	ng	# 87
3) n-Nitrosodimethylamine	3.991	42	8469	3.41	ng	# 84
6) bis(2-Chloroethyl)ether	7.831	93	14485	3.16	ng	95
9) Naphthalene	11.309	128	176243	3.12	ng	99
10) Hexachlorobutadiene	11.577	225	10626	3.50	ng	96
12) 2-Methylnaphthalene	12.876	142	31043	3.24	ng	100
16) Acenaphthylene	14.735	152	53250	3.30	ng	99
17) Acenaphthene	15.061	154	32565	3.25	ng	97
18) Fluorene	16.024	166	40539	3.22	ng	# 78
20) 4-Bromophenyl-phenylether	16.891	248	12724	3.41	ng	# 70
21) Hexachlorobenzene	17.026	284	12839	3.33	ng	# 82
22) Pentachlorophenol	17.355	266	4623	4.33	ng	# 70
23) Phenanthrene	17.743	178	62202	3.26	ng	99
24) Anthracene	17.833	178	60732	3.41	ng	95
26) Fluoranthene	19.714	202	78614	3.27	ng	# 97
28) Pyrene	20.064	202	92769	3.32	ng	99
30) Benzo(a)anthracene	21.776	228	71014	3.20	ng	97
31) Chrysene	21.838	228	67879	3.10	ng	99
32) Bis(2-ethylhexyl)phtha...	21.652	149	143095	2.80	ng	100
33) Indeno(1,2,3-cd)pyrene	27.230	276	70092	3.32	ng	95
35) Benzo(b)fluoranthene	23.606	252	66212	3.38	ng	# 86
36) Benzo(k)fluoranthene	23.661	252	68202	3.39	ng	96
37) Benzo(a)pyrene	24.303	252	61230	3.36	ng	# 93
38) Dibenzo(a,h)anthracene	27.243	278	57800	3.63	ng	# 94
39) Benzo(g,h,i)perylene	28.100	276	58107	3.40	ng	# 90

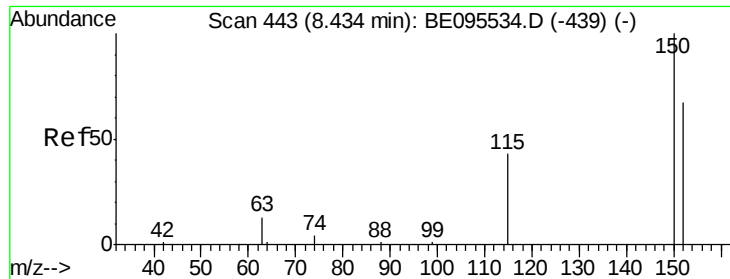
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 8.435 min Scan# 44

Delta R.T. 0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

Instrument :

BNA_E

ClientSampleId :

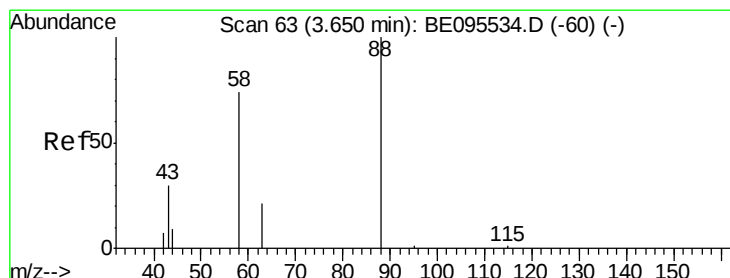
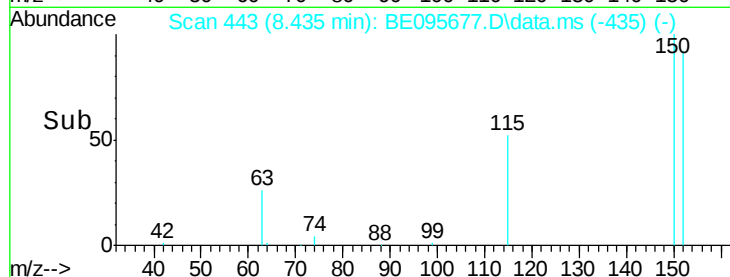
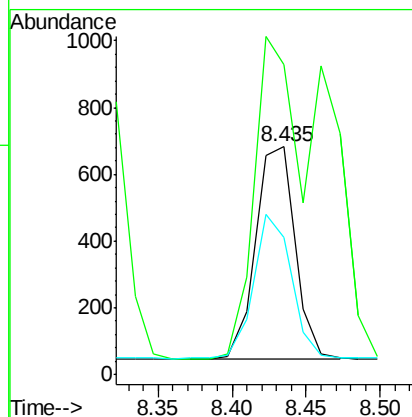
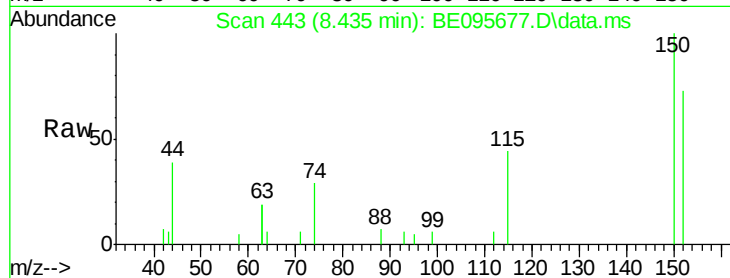
Tot Ion:152 Resp: 1191

Ion Ratio Lower Upper

152 100

150 136.2 117.2 175.8

115 60.3 57.0 85.6



#2

1,4-Dioxane

Concen: 2.82 ng

RT: 3.638 min Scan# 62

Delta R.T. -0.011 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

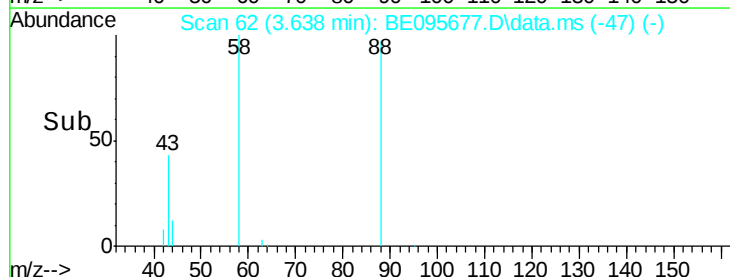
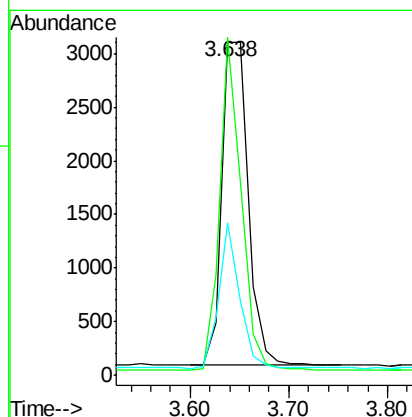
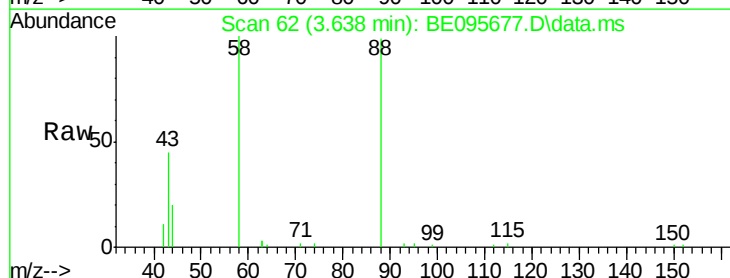
Tgt Ion: 88 Resp: 5554

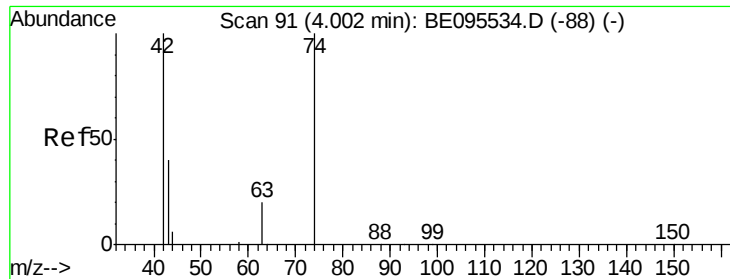
Ion Ratio Lower Upper

88 100

58 85.0 63.2 94.8

43 36.2 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 3.41 ng

RT: 3.991 min Scan# 90

Delta R.T. -0.011 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

Instrument :

BNA_E

ClientSampleId :

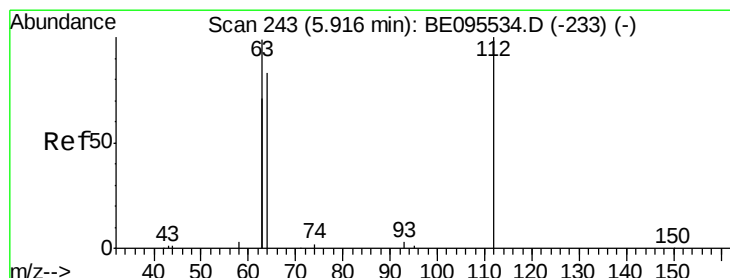
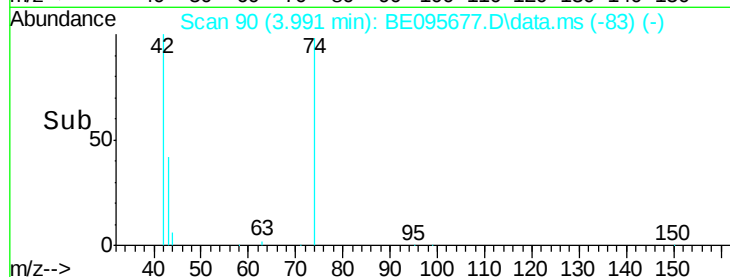
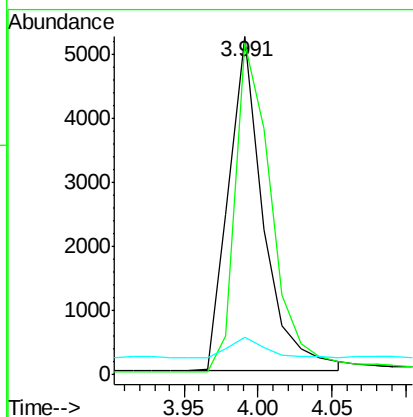
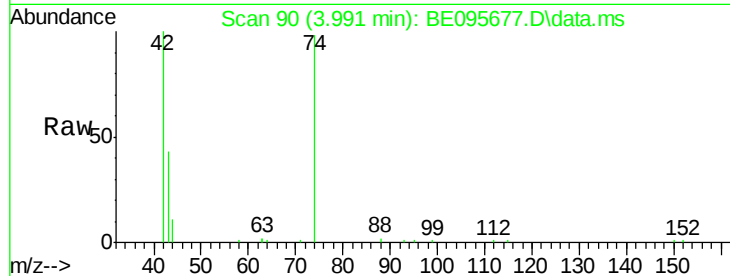
Tot Ion: 42 Resp: 8469

Ion Ratio Lower Upper

42 100

74 102.5 96.0 144.0

44 6.7 12.0 18.0#



#4

2-Fluorophenol

Concen: 2.96 ng

RT: 5.917 min Scan# 243

Delta R.T. 0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

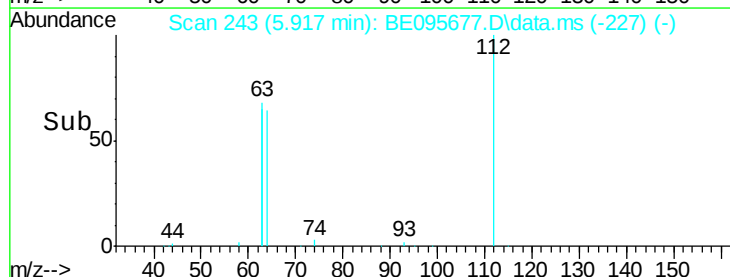
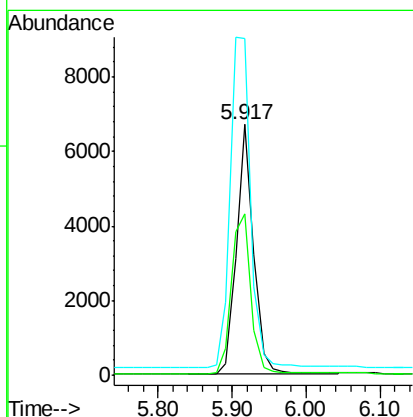
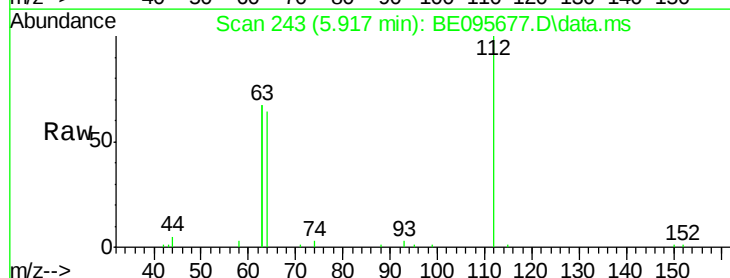
Tgt Ion: 112 Resp: 10648

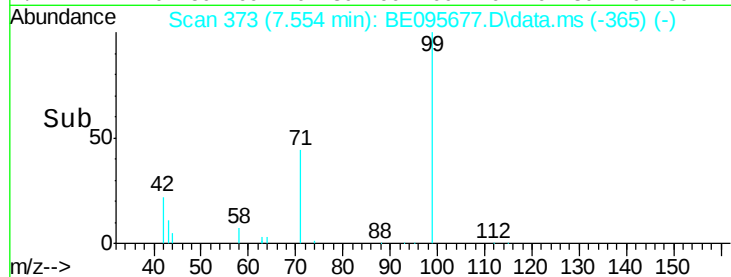
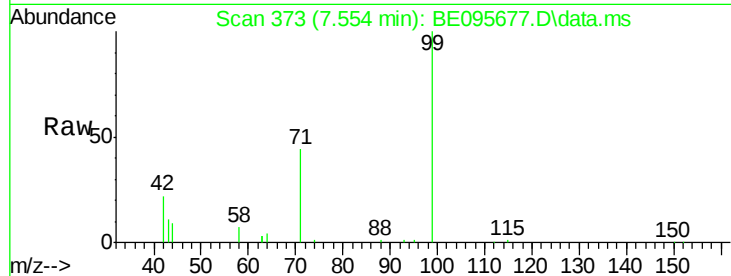
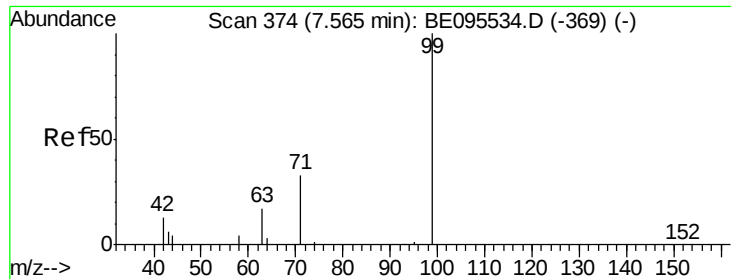
Ion Ratio Lower Upper

112 100

64 73.4 60.1 90.1

63 160.6 116.8 175.2





#5

Phenol-d6

Concen: 3.13 ng

RT: 7.554 min Scan# 37

Delta R.T. 0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

Instrument :

BNA_E

ClientSampleId :

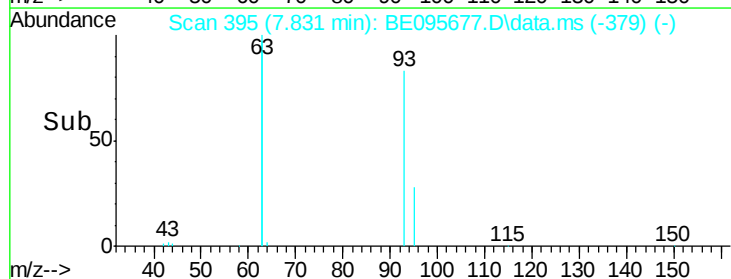
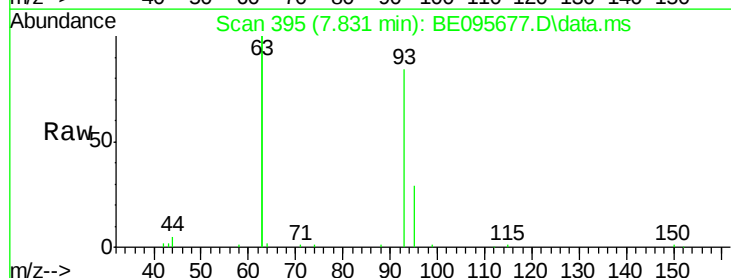
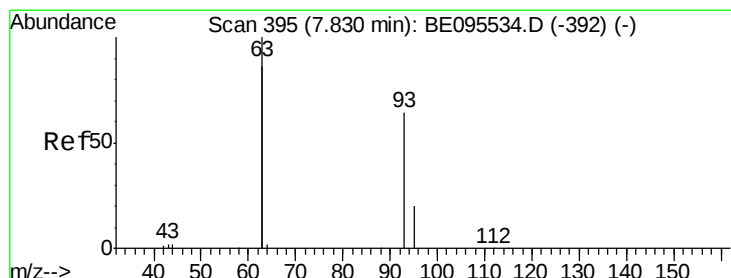
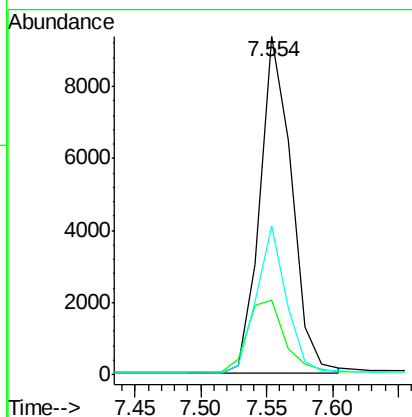
Tot Ion: 99 Resp: 15596

Ion Ratio Lower Upper

99 100

42 25.3 20.2 30.2

71 41.3 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 3.16 ng

RT: 7.831 min Scan# 395

Delta R.T. 0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

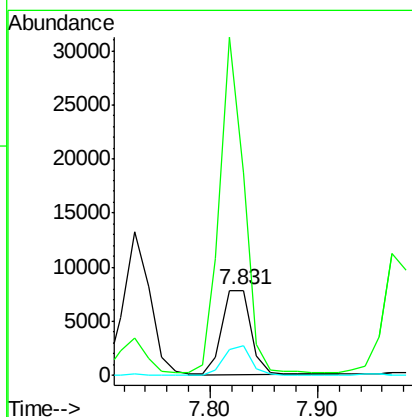
Tgt Ion: 93 Resp: 14485

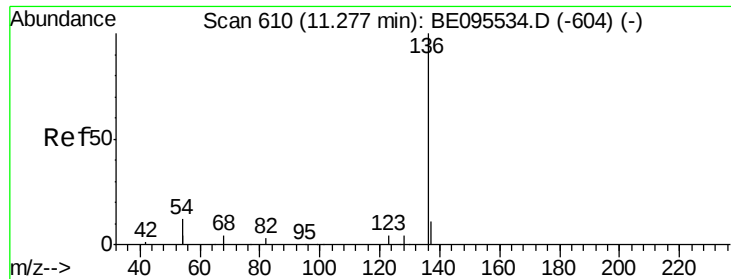
Ion Ratio Lower Upper

93 100

63 333.3 275.3 412.9

95 31.9 25.2 37.8





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.275 min Scan# 61

Delta R.T. -0.001 min

Lab File: BE095677.D

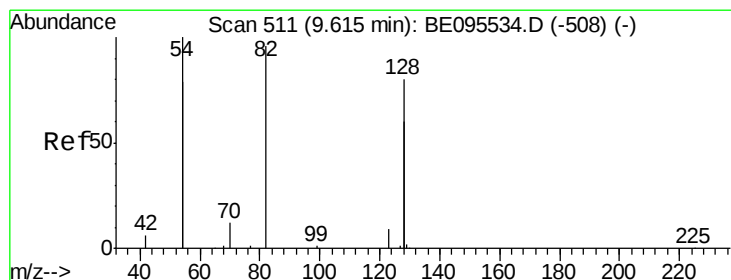
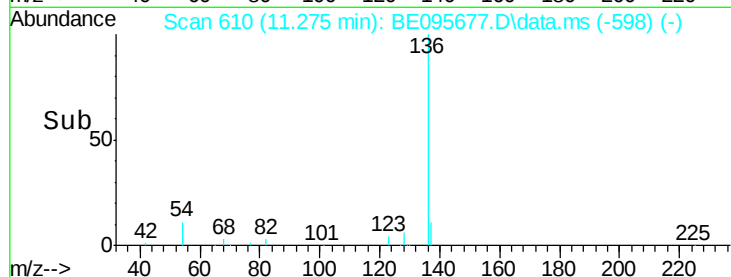
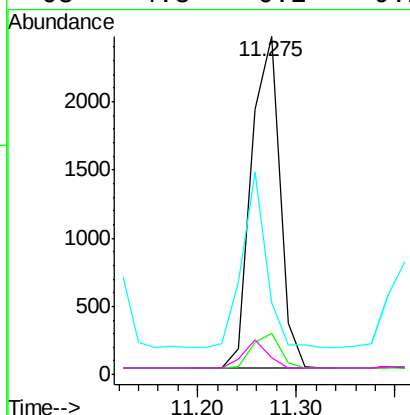
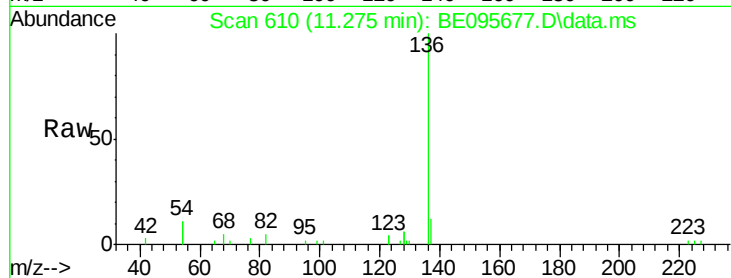
Acq: 23 Feb 2018 11:29

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	136	Resp:	4862
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.5	14.3
54	21.3	29.1	43.7#
68	4.8	6.2	9.2#



#8

Nitrobenzene-d5

Concen: 3.16 ng

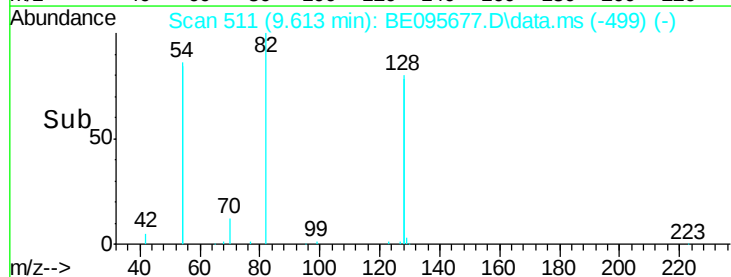
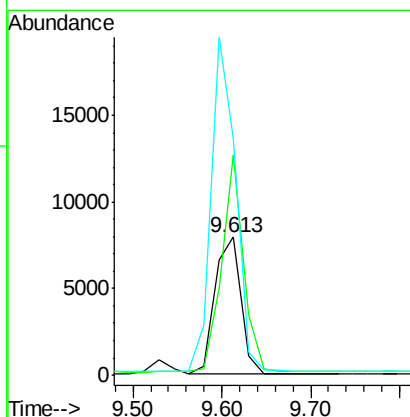
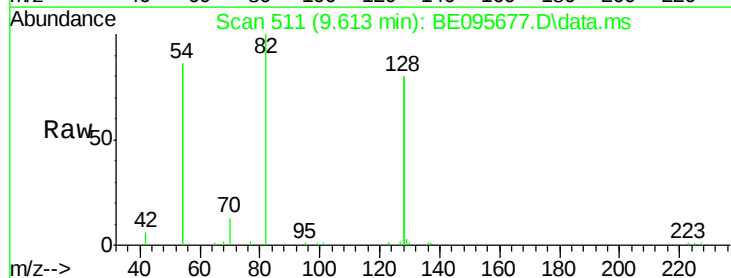
RT: 9.613 min Scan# 511

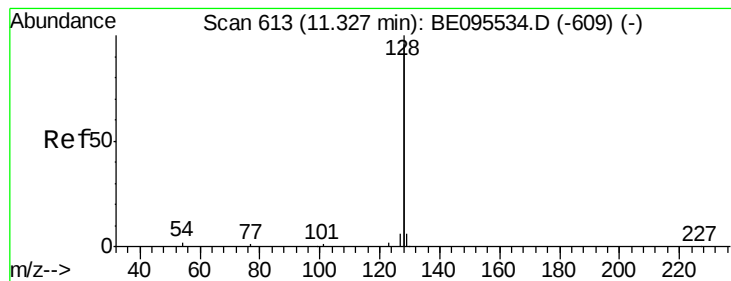
Delta R.T. -0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

Tgt Ion:	82	Resp:	16280
Ion Ratio	Lower	Upper	
82	100		
128	159.2	150.0	225.0
54	171.7	154.2	231.4





#9

Naphthalene

Concen: 3.12 ng

RT: 11.309 min Scan# 61

Delta R.T. -0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

Instrument :

BNA_E

ClientSampleId :

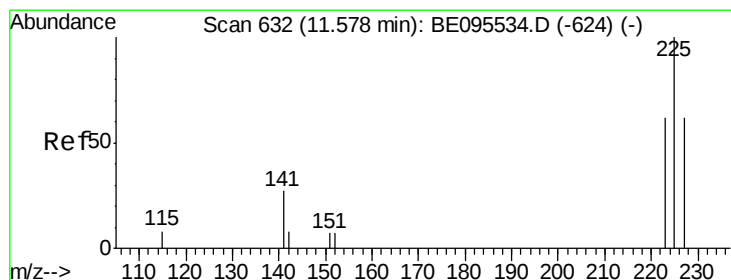
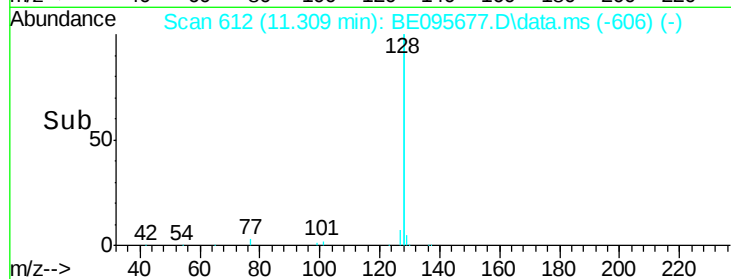
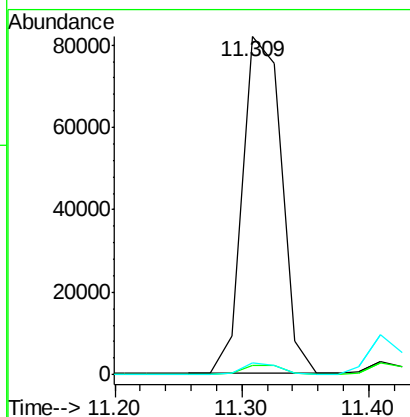
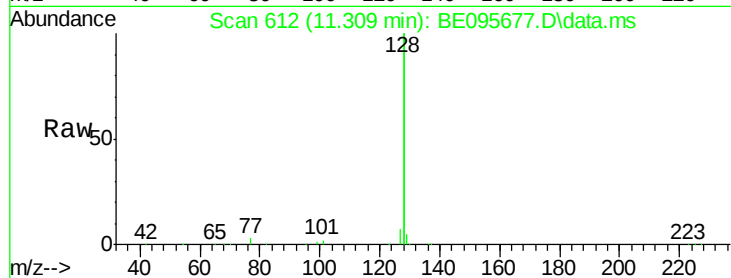
Tot Ion:128 Resp: 176243

Ion Ratio Lower Upper

128 100

129 2.6 2.6 3.8

127 3.5 2.8 4.2



#10

Hexachlorobutadiene

Concen: 3.50 ng

RT: 11.577 min Scan# 632

Delta R.T. 0.006 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

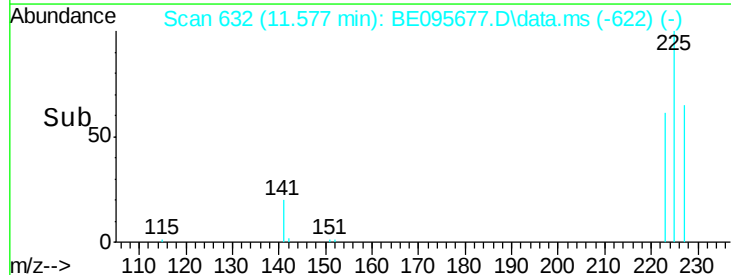
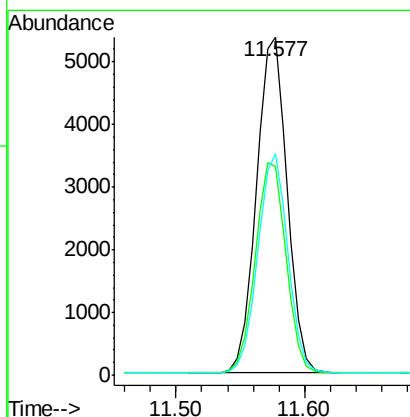
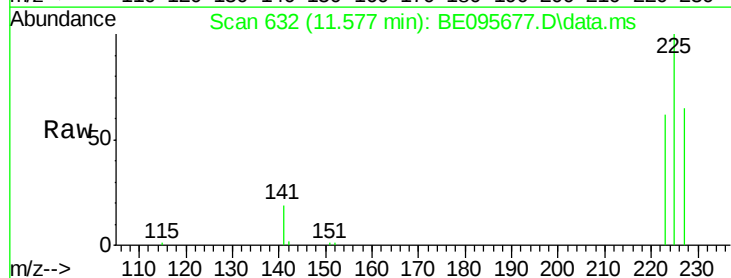
Tgt Ion:225 Resp: 10626

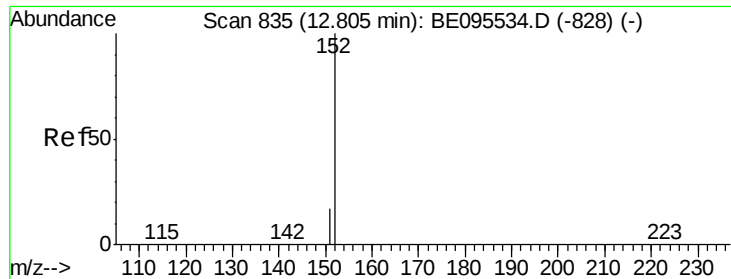
Ion Ratio Lower Upper

225 100

223 61.4 53.0 79.6

227 62.3 51.4 77.2

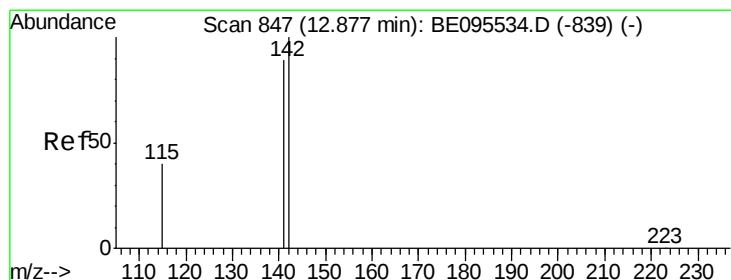
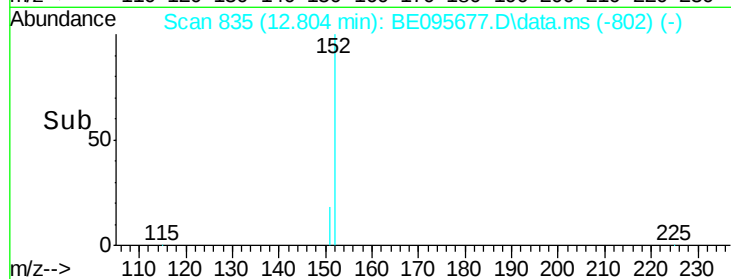
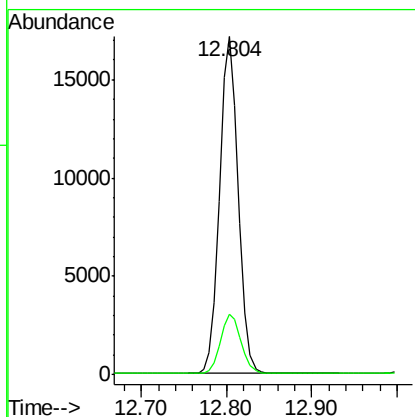
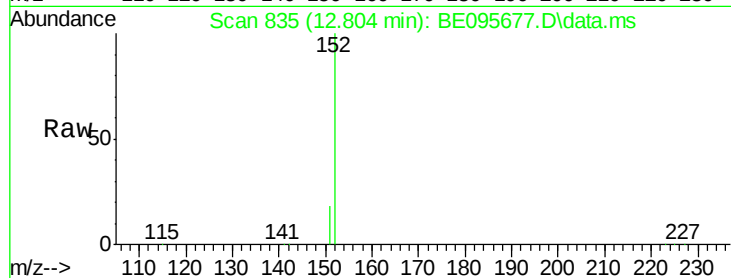




#11
 2-Methylnaphthalene-d10
 Concen: 3.23 ng
 RT: 12.804 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: BE095677.D
 Acq: 23 Feb 2018 11:29

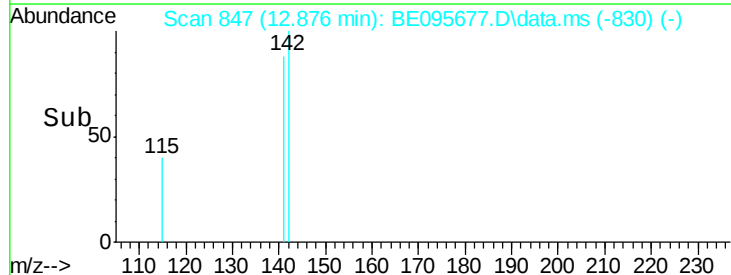
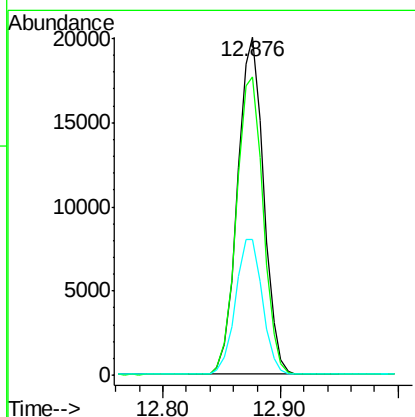
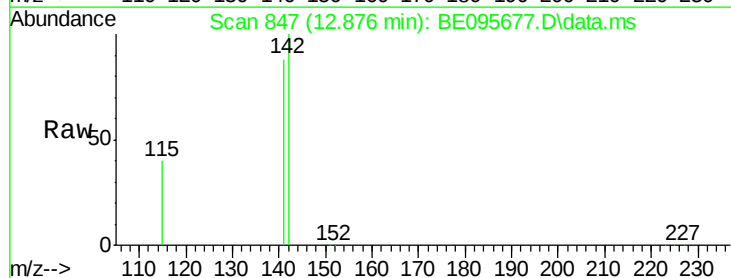
Instrument :
 BNA_E
 ClientSampleId :

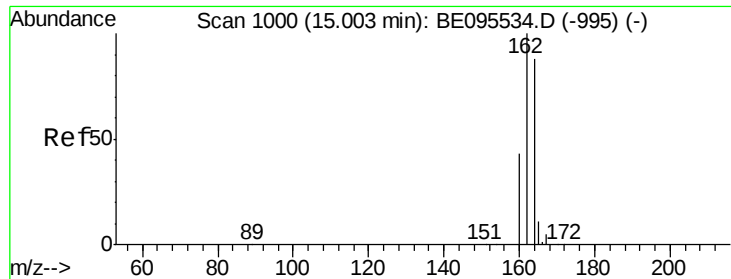
Tot Ion:152 Resp: 26007
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 3.24 ng
 RT: 12.876 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: BE095677.D
 Acq: 23 Feb 2018 11:29

Tgt Ion:142 Resp: 31043
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.4 105.6
 115 40.1 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.002 min Scan# 1000

Delta R.T. -0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

Instrument :

BNA_E

ClientSampleId :

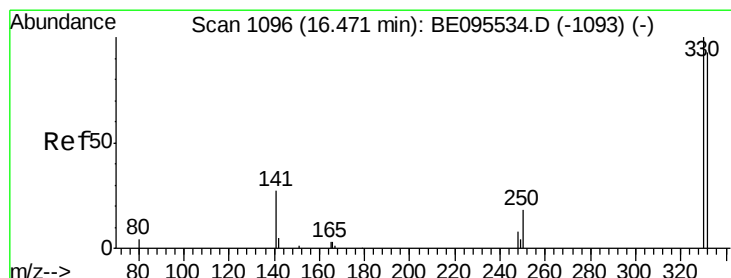
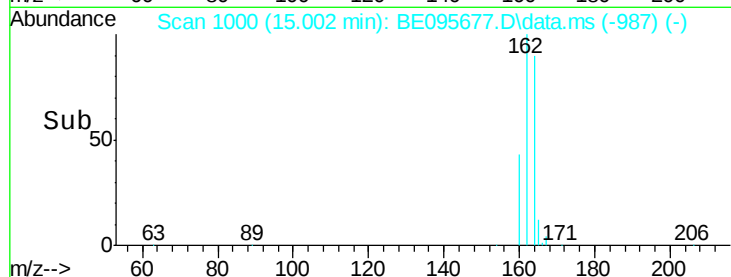
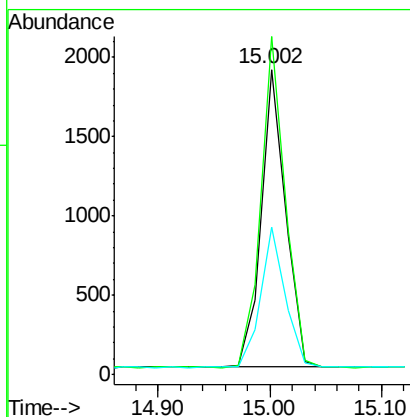
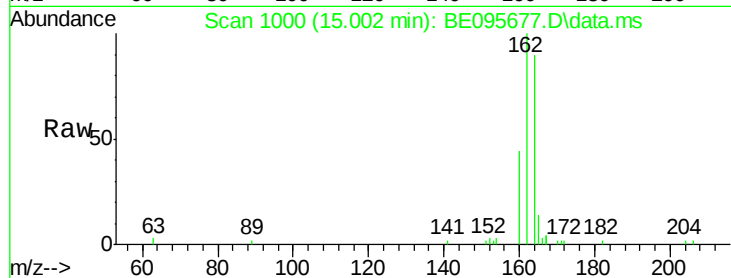
Tot Ion:164 Resp: 2825

Ion Ratio Lower Upper

164 100

162 110.7 83.1 124.7

160 48.4 37.1 55.7



#14

2,4,6-Tribromophenol

Concen: 3.29 ng

RT: 16.472 min Scan# 1096

Delta R.T. -0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

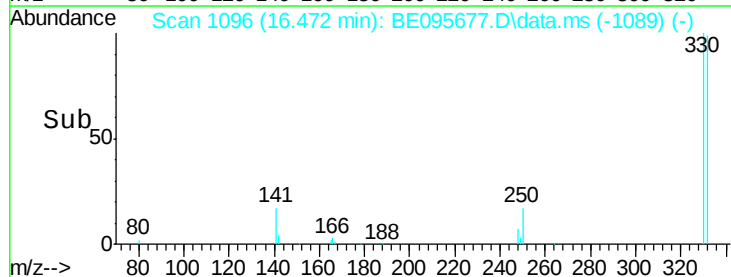
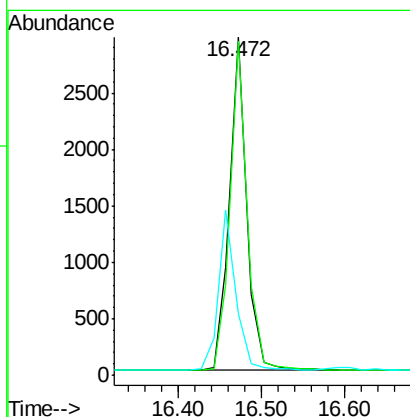
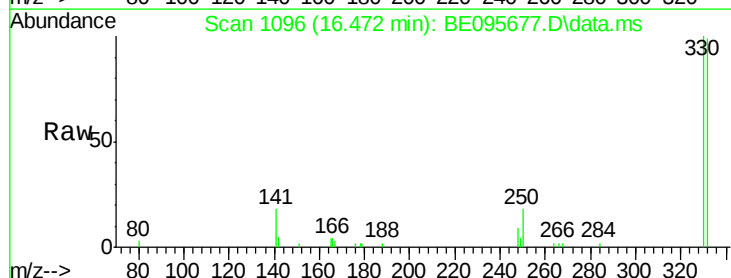
Tgt Ion:330 Resp: 4233

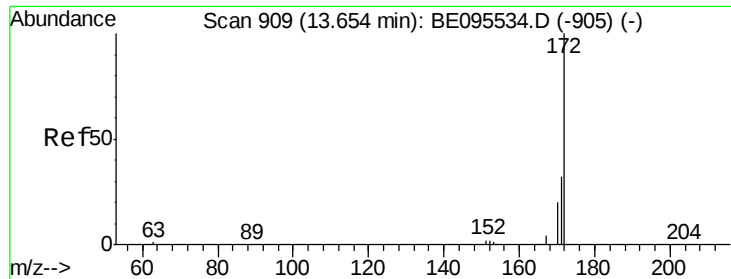
Ion Ratio Lower Upper

330 100

332 97.3 152.7 229.1#

141 48.2 33.7 50.5

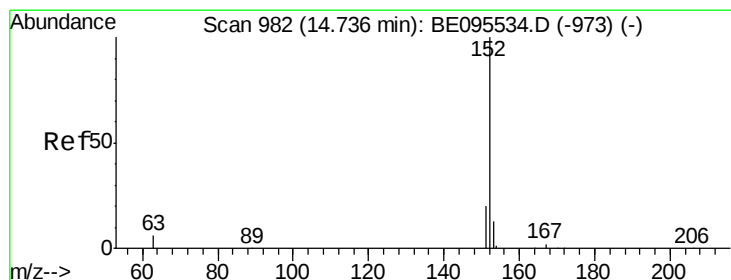
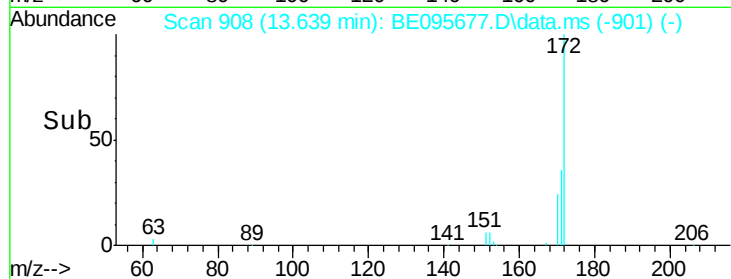
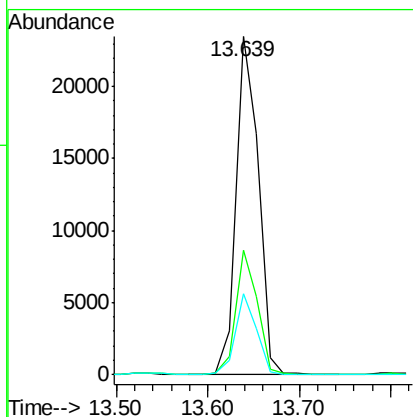
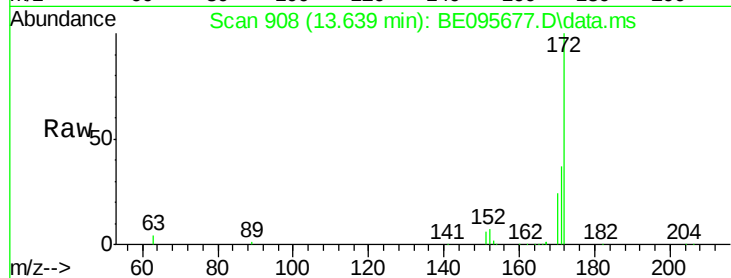




#15
2-Fluorobiphenyl
Concen: 3.24 ng
RT: 13.639 min Scan# 909
Delta R.T. -0.001 min
Lab File: BE095677.D
Acq: 23 Feb 2018 11:29

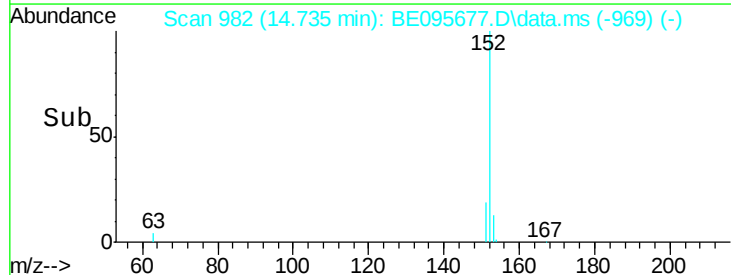
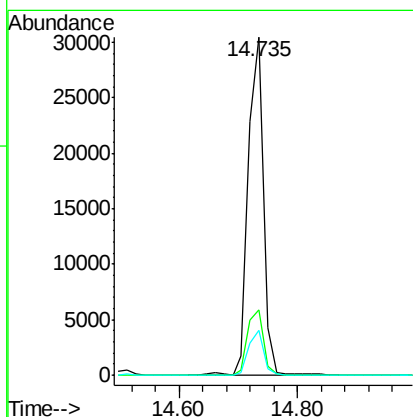
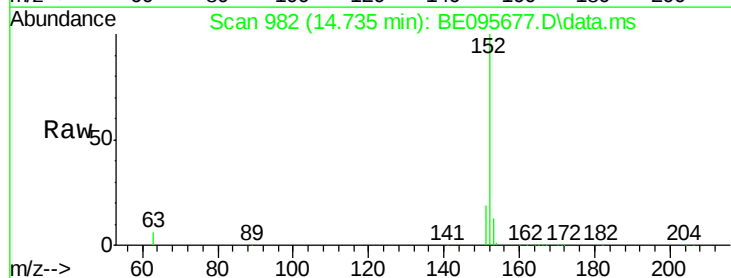
Instrument :
BNA_E
ClientSampleId :

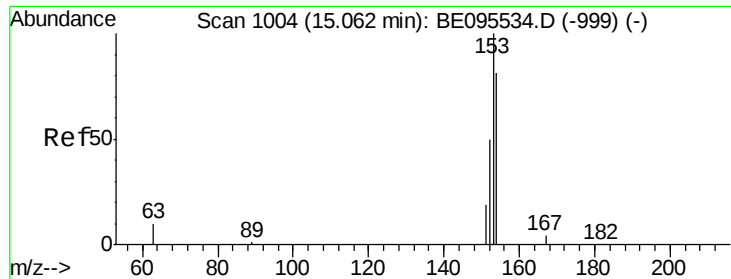
Tot Ion:172 Resp: 39412
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 24.0 21.8 32.8



#16
Acenaphthylene
Concen: 3.30 ng
RT: 14.735 min Scan# 982
Delta R.T. -0.001 min
Lab File: BE095677.D
Acq: 23 Feb 2018 11:29

Tgt Ion:152 Resp: 53250
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 3.25 ng

RT: 15.061 min Scan# 1004

Delta R.T. -0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

Instrument :

BNA_E

ClientSampleId :

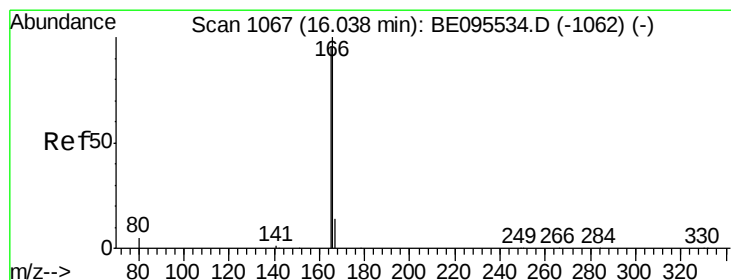
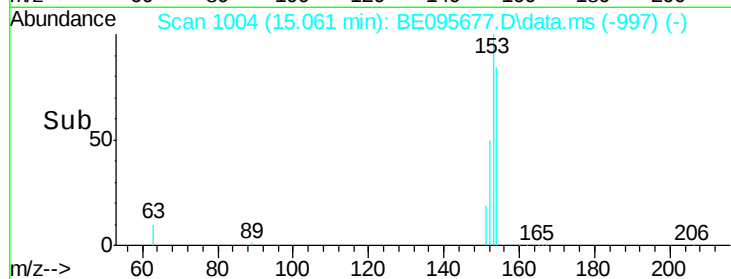
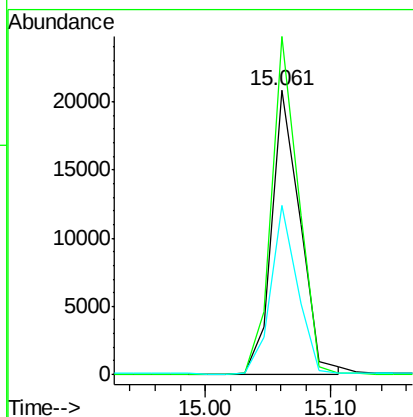
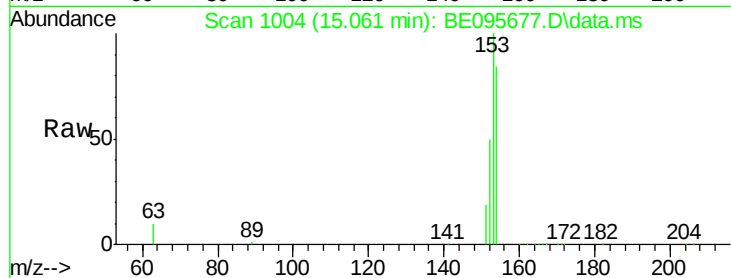
Tot Ion:154 Resp: 32565

Ion Ratio Lower Upper

154 100

153 113.3 89.2 133.8

152 55.7 42.0 63.0



#18

Fluorene

Concen: 3.22 ng

RT: 16.024 min Scan# 1066

Delta R.T. -0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

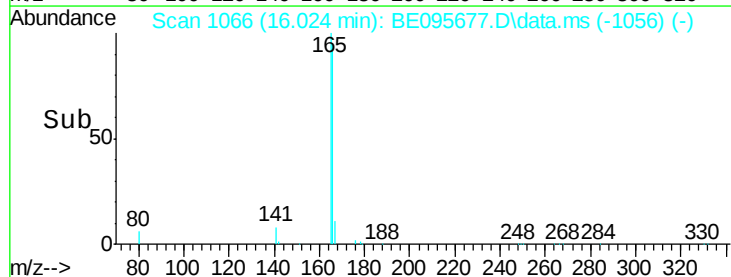
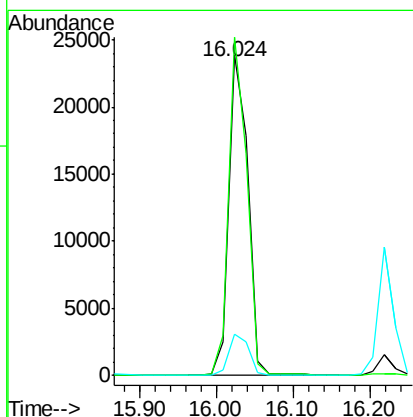
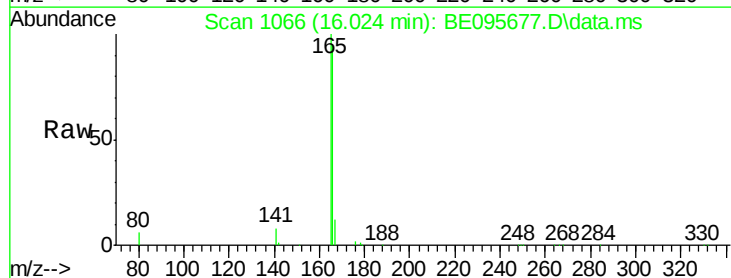
Tgt Ion:166 Resp: 40539

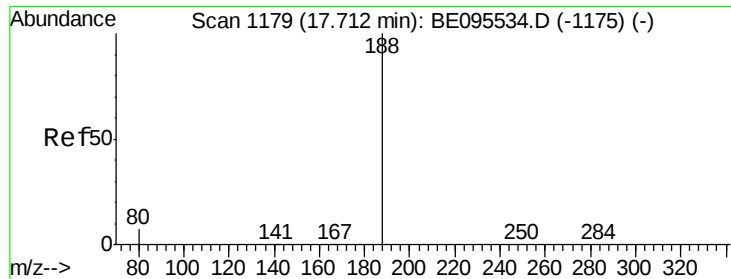
Ion Ratio Lower Upper

166 100

165 100.8 77.8 116.6

167 13.3 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.713 min Scan# 1179

Delta R.T. 0.014 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

Instrument :

BNA_E

ClientSampleId :

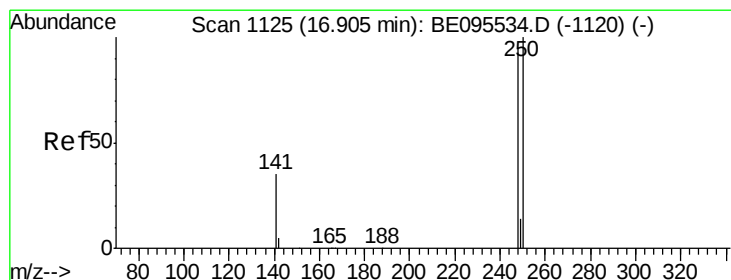
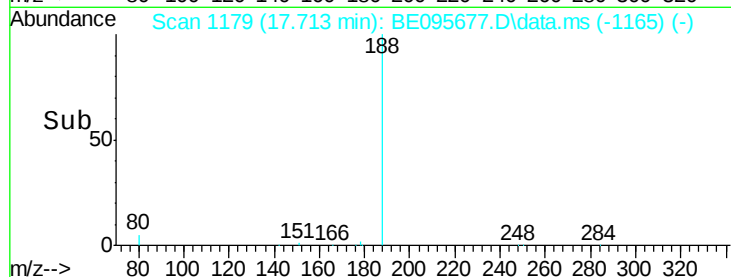
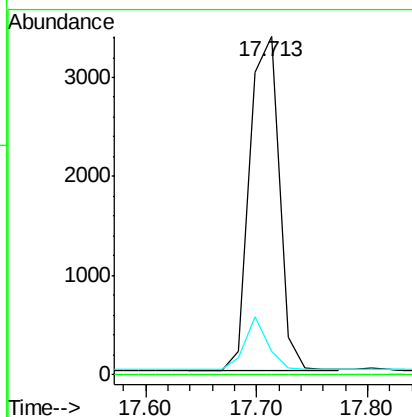
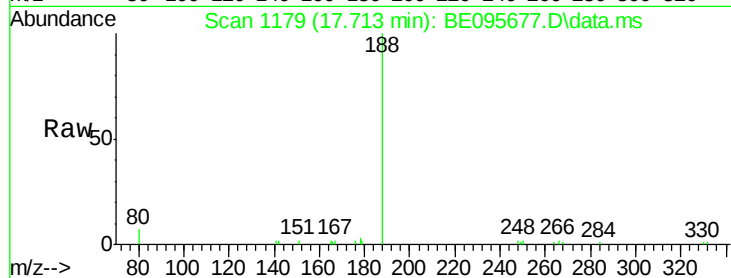
Tot Ion:188 Resp: 6213

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 6.7 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 3.41 ng

RT: 16.891 min Scan# 1124

Delta R.T. -0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

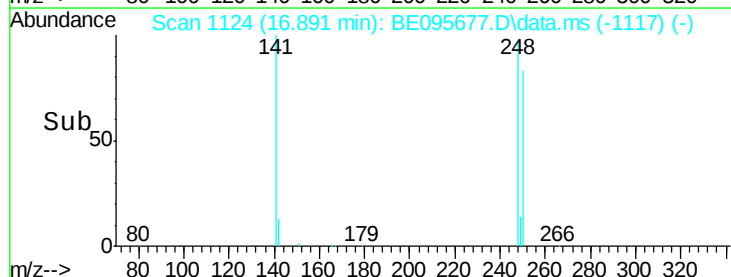
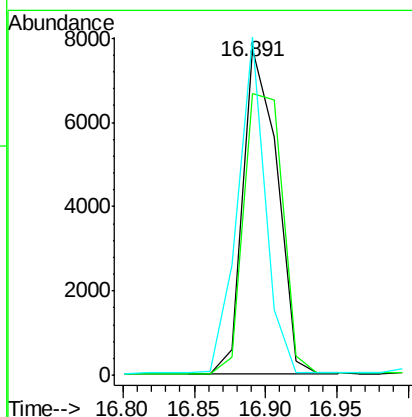
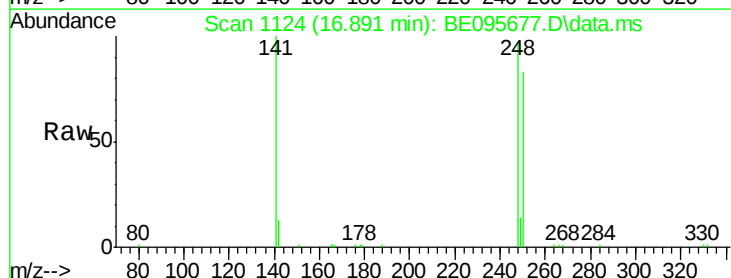
Tgt Ion:248 Resp: 12724

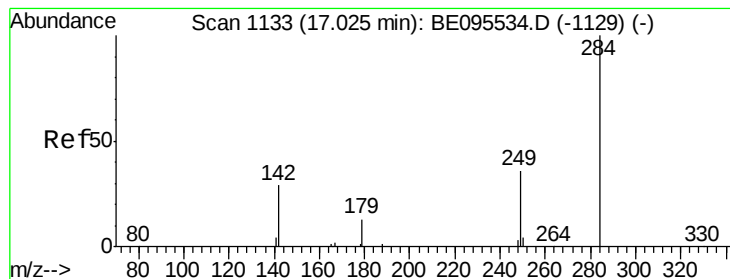
Ion Ratio Lower Upper

248 100

250 86.1 62.7 94.1

141 103.6 48.2 72.2#





#21

Hexachlorobenzene

Concen: 3.33 ng

RT: 17.026 min Scan# 1133

Delta R.T. -0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

Instrument :

BNA_E

ClientSampleId :

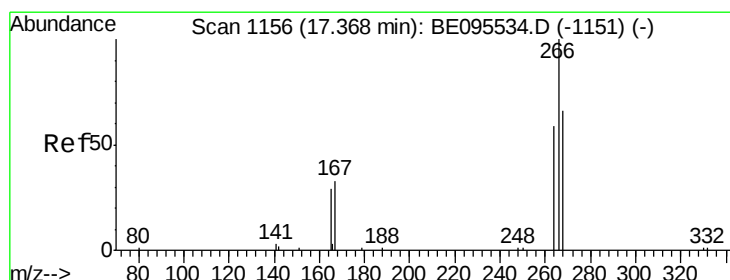
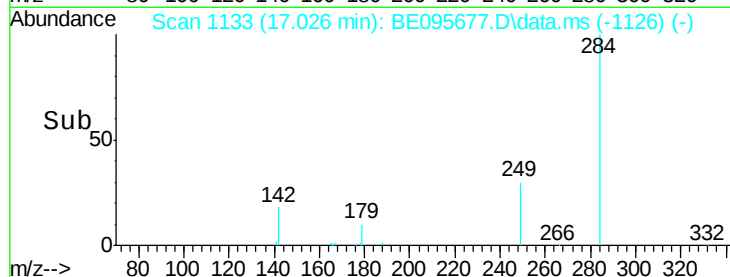
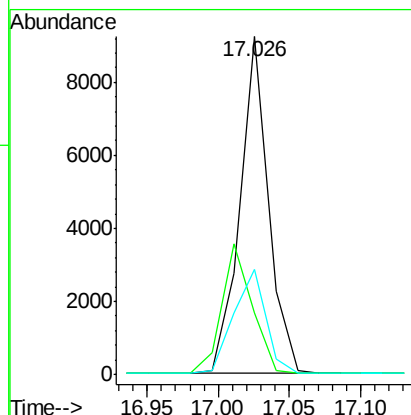
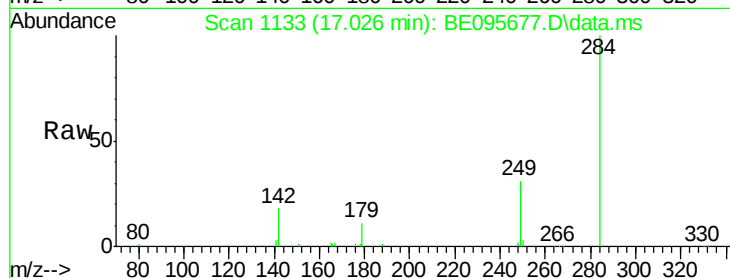
Tot Ion:284 Resp: 12839

Ion Ratio Lower Upper

284 100

142 40.6 22.1 33.1#

249 34.3 34.8 52.2#



#22

Pentachlorophenol

Concen: 4.33 ng

RT: 17.355 min Scan# 1155

Delta R.T. -0.016 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

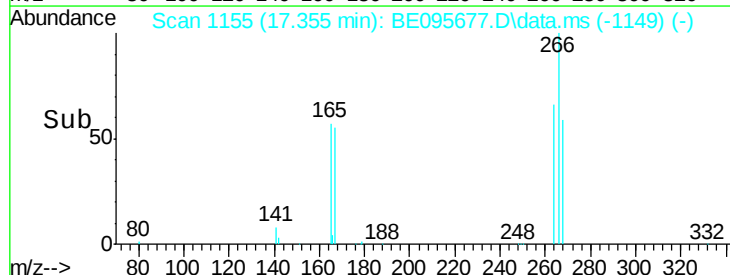
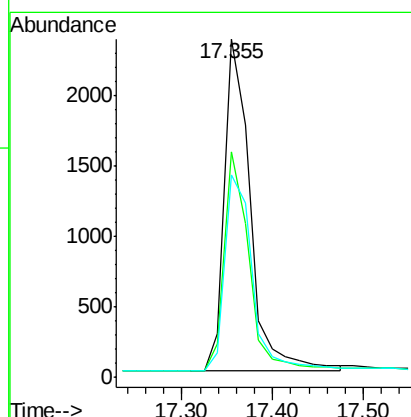
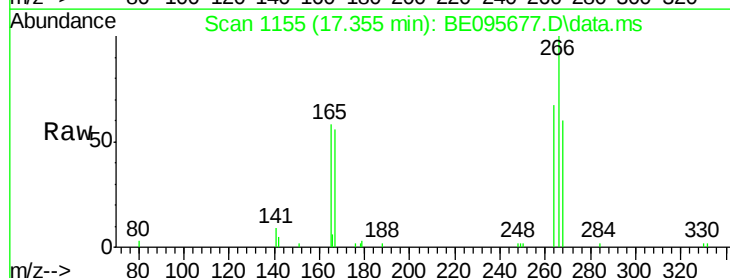
Tgt Ion:266 Resp: 4623

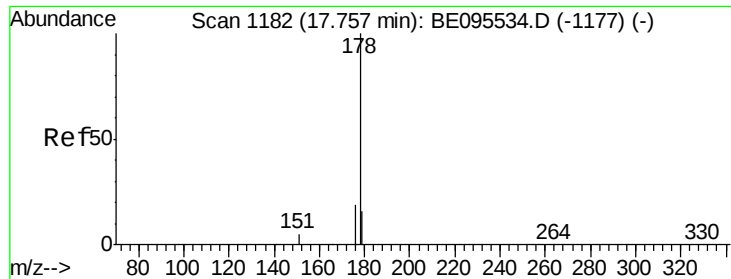
Ion Ratio Lower Upper

266 100

264 66.6 72.5 108.7#

268 59.8 73.8 110.6#





#23

Phenanthrene

Concen: 3.26 ng

RT: 17.743 min Scan# 1182

Delta R.T. -0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

Instrument :

BNA_E

ClientSampleId :

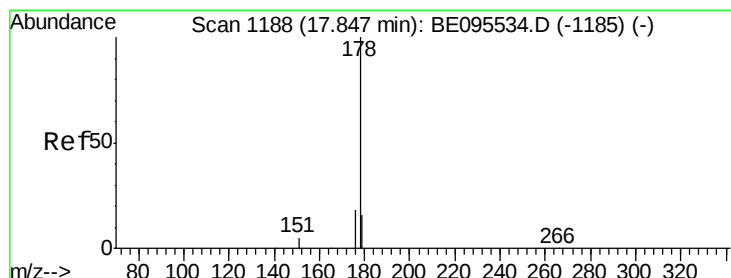
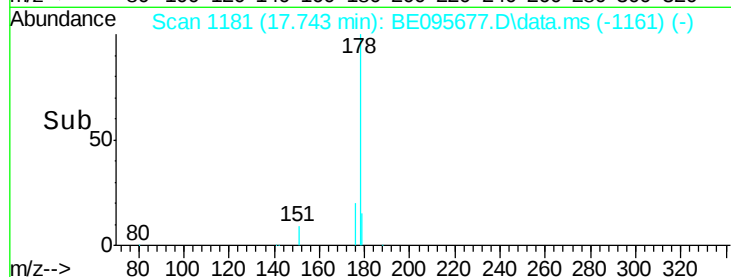
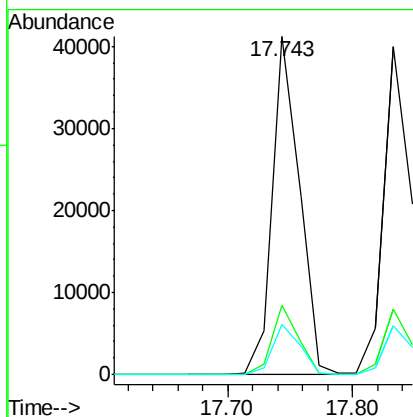
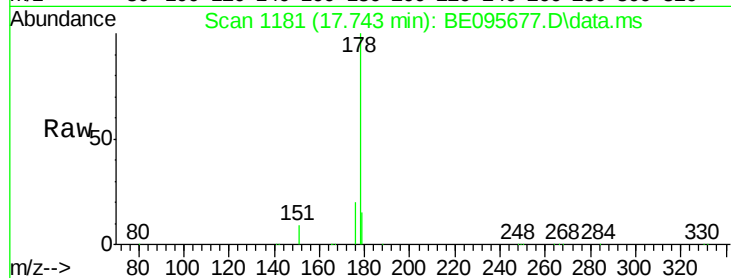
Tot Ion:178 Resp: 62202

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

179 15.1 11.8 17.6



#24

Anthracene

Concen: 3.41 ng

RT: 17.833 min Scan# 1187

Delta R.T. -0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

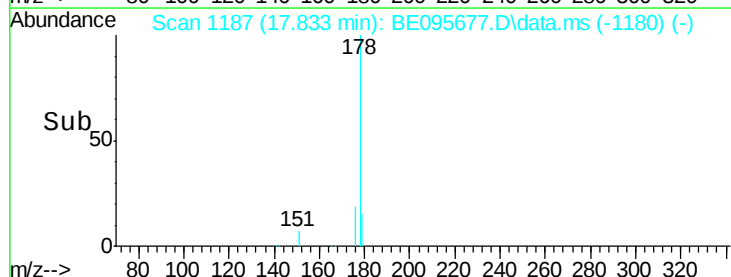
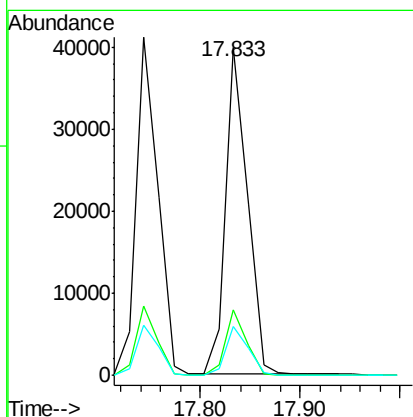
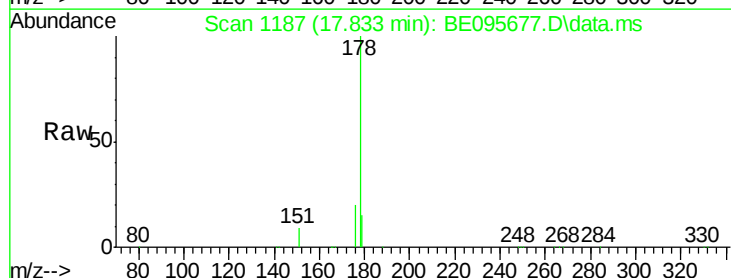
Tgt Ion:178 Resp: 60732

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

179 15.1 13.0 19.6

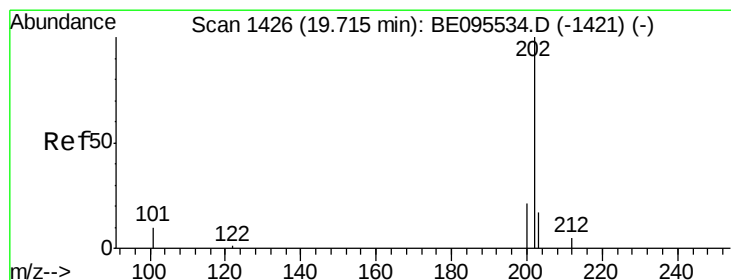
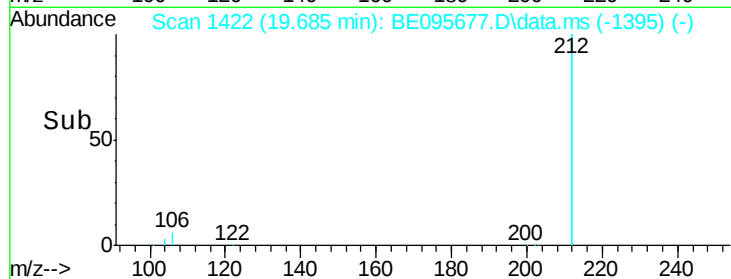
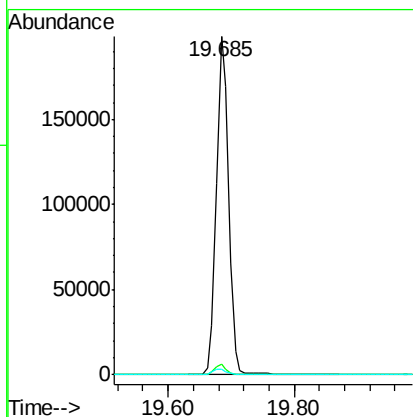
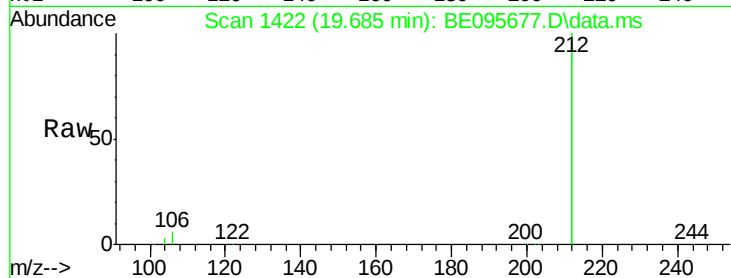




#25
 Fluoranthene-d10
 Concen: 3.24 ng
 RT: 19.685 min Scan# 1422
 Delta R.T. -0.001 min
 Lab File: BE095677.D
 Acq: 23 Feb 2018 11:29

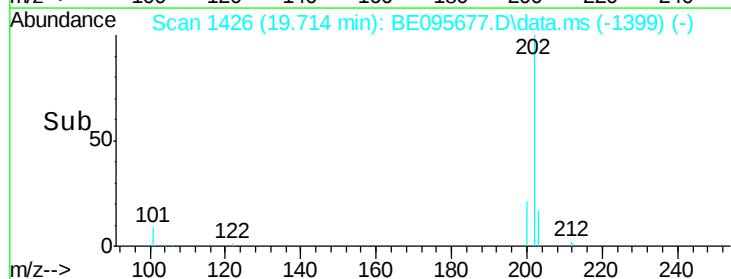
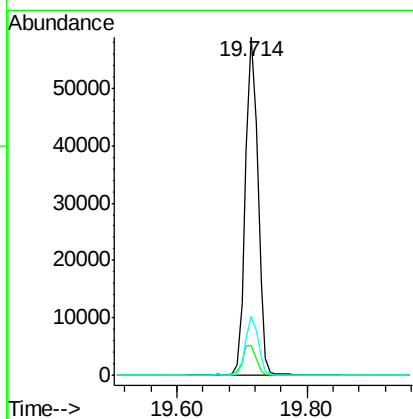
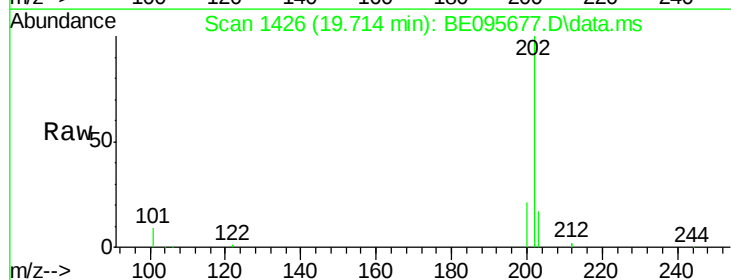
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 265463
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.8 4.2
 104 1.6 1.6 2.4



#26
 Fluoranthene
 Concen: 3.27 ng
 RT: 19.714 min Scan# 1426
 Delta R.T. -0.001 min
 Lab File: BE095677.D
 Acq: 23 Feb 2018 11:29

Tgt Ion:202 Resp: 78614
 Ion Ratio Lower Upper
 202 100
 101 9.7 9.8 14.8#
 203 17.2 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: BE095677.D

Acq: 23 Feb 2018 11:29

Instrument :

BNA_E

ClientSampleId :

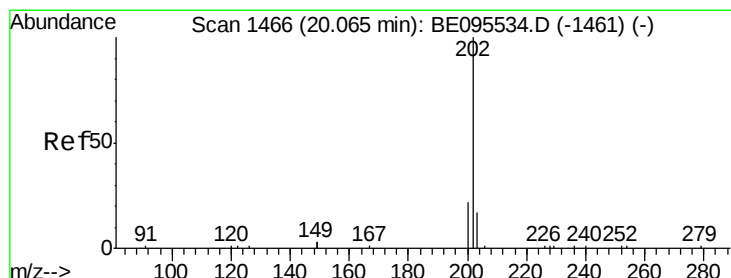
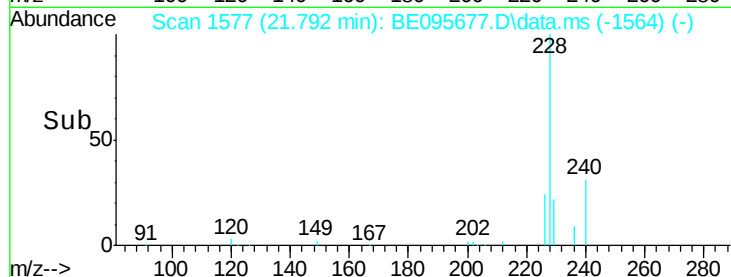
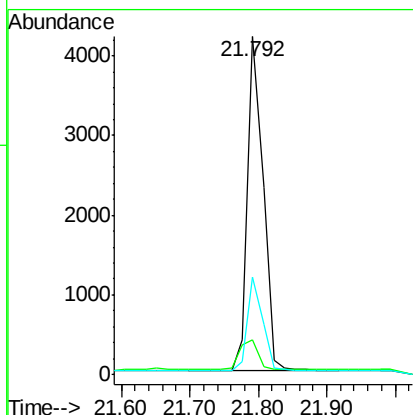
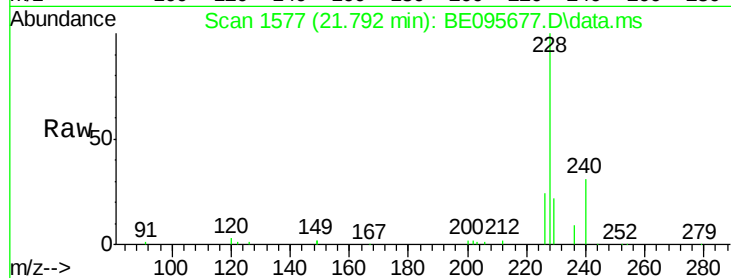
Tot Ion:240 Resp: 6659

Ion Ratio Lower Upper

240 100 5.5 8.3#

120 10.3 5.5 8.3#

236 28.7 20.7 31.1



#28

Pyrene

Concen: 3.32 ng

RT: 20.064 min Scan# 1466

Delta R.T. -0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

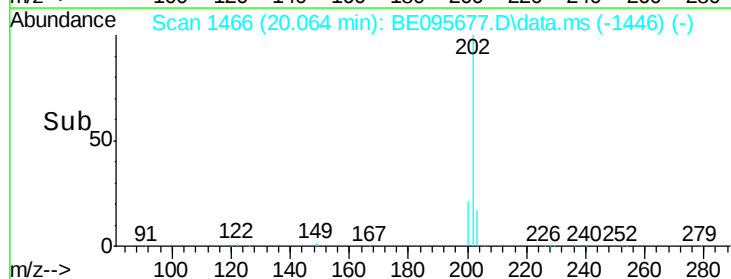
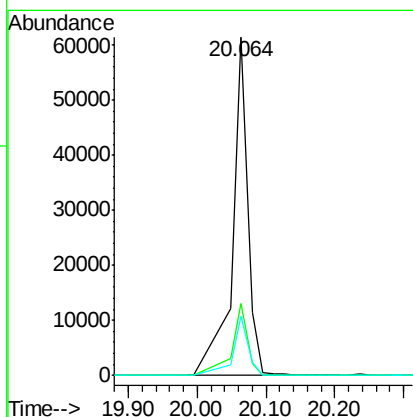
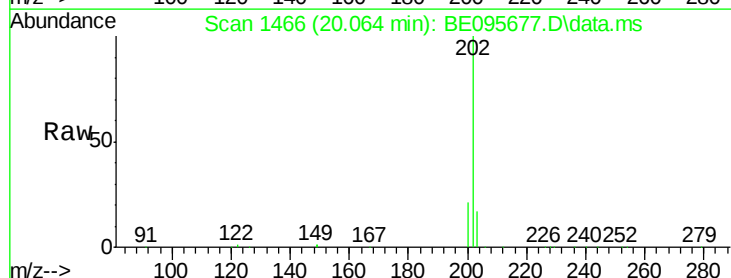
Tgt Ion:202 Resp: 92769

Ion Ratio Lower Upper

202 100 16.6 25.0

200 21.6 16.6 25.0

203 17.4 13.8 20.8





#29

Terphenyl-d14

Concen: 3.03 ng

RT: 20.251 min Scan# 1478

Delta R.T. -0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

Instrument :

BNA_E

ClientSampleId :

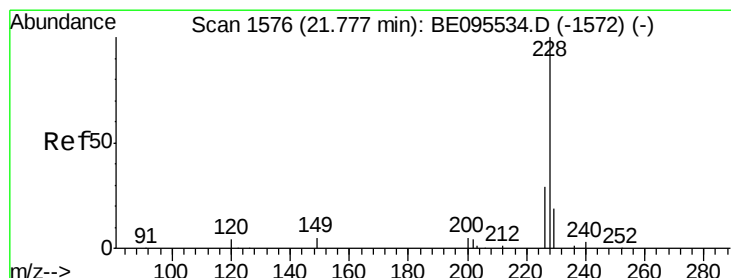
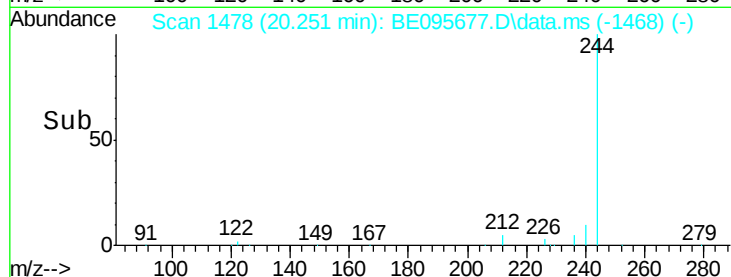
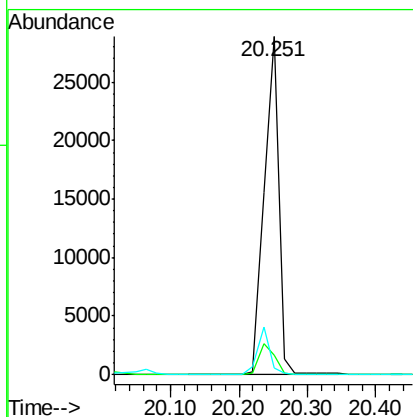
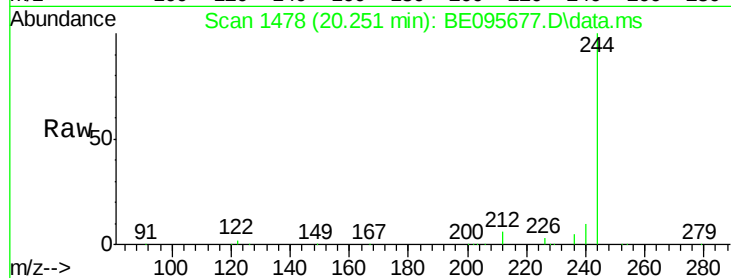
Tot Ion:244 Resp: 42999

Ion Ratio Lower Upper

244 100

212 5.6 25.4 38.0#

122 1.9 8.1 12.1#



#30

Benzo(a)anthracene

Concen: 3.20 ng

RT: 21.776 min Scan# 1576

Delta R.T. -0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

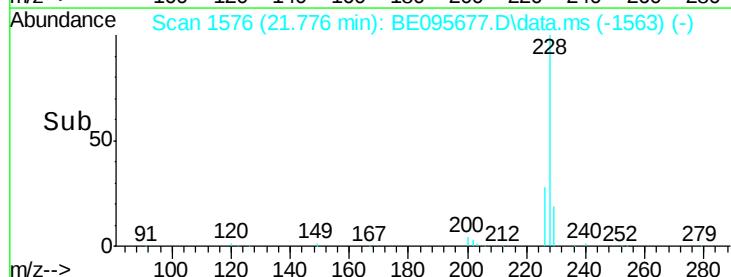
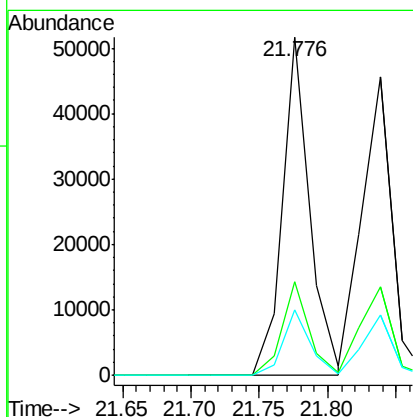
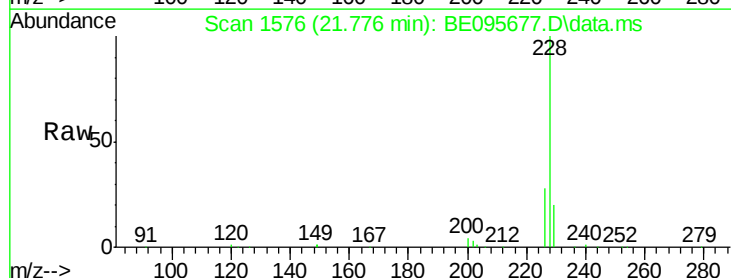
Tgt Ion:228 Resp: 71014

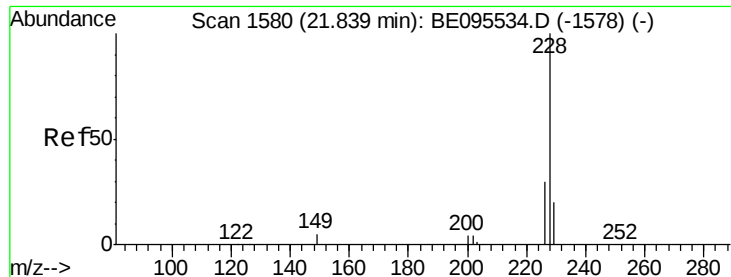
Ion Ratio Lower Upper

228 100

226 27.9 24.0 36.0

229 19.5 16.0 24.0





#31

Chrysene

Concen: 3.10 ng

RT: 21.838 min Scan# 15

Delta R.T. -0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

Instrument :

BNA_E

ClientSampled :

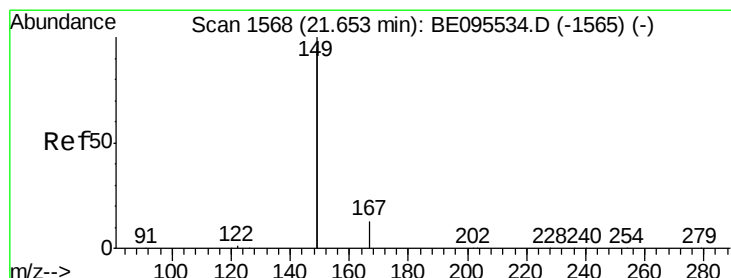
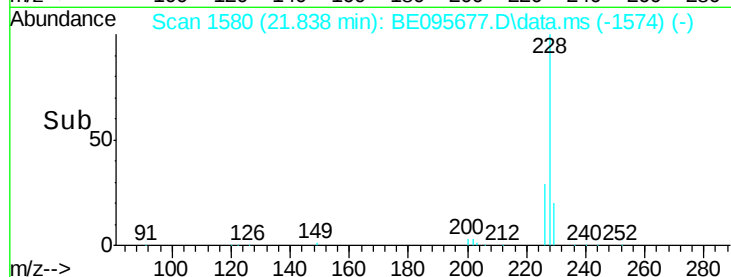
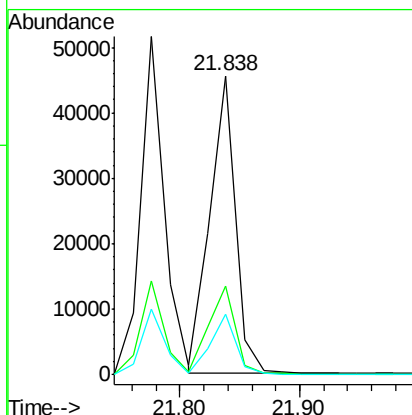
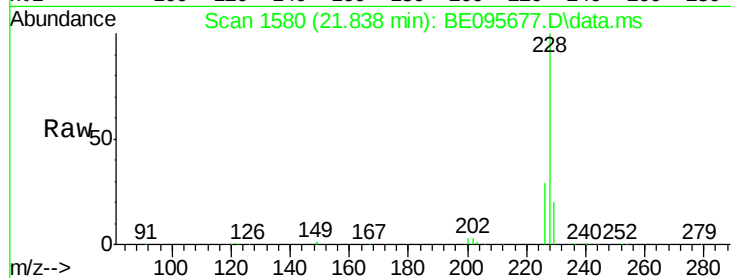
Tot Ion:228 Resp: 67879

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

229 20.2 16.0 24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.80 ng

RT: 21.652 min Scan# 1568

Delta R.T. -0.001 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

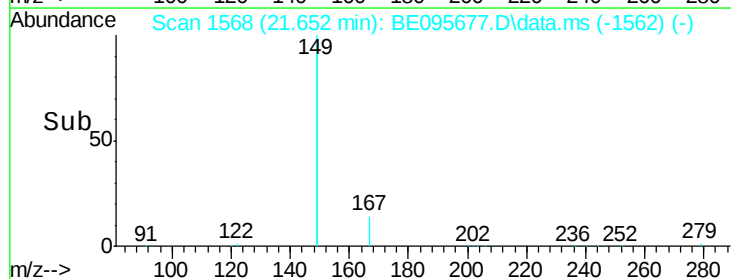
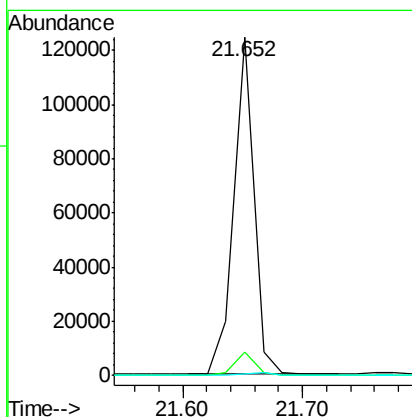
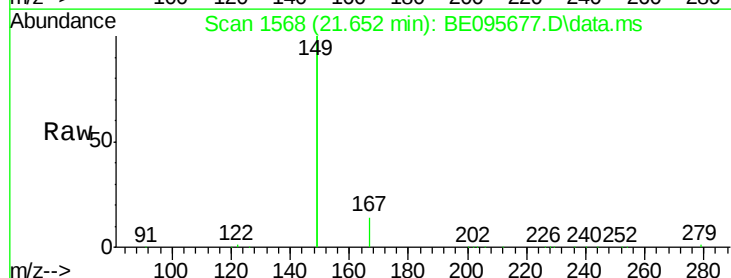
Tgt Ion:149 Resp: 143095

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

279 0.8 0.7 1.1

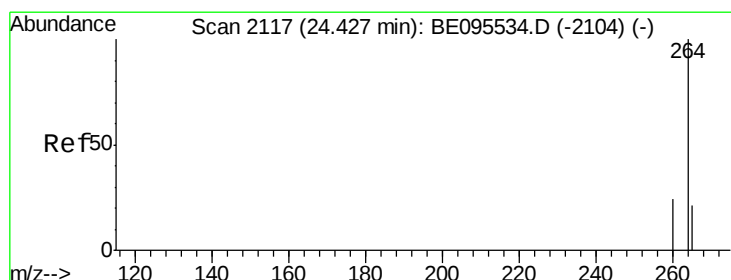
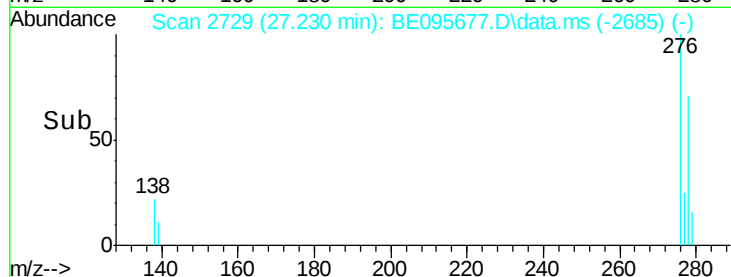
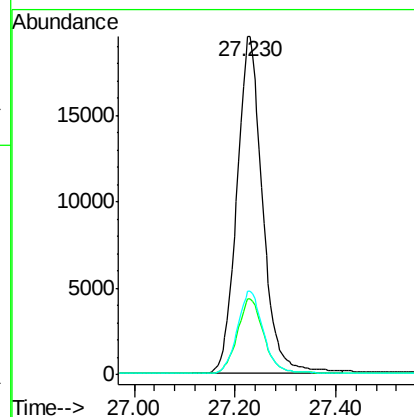
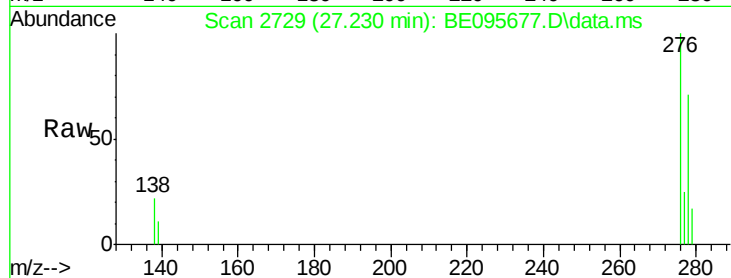




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.32 ng
 RT: 27.230 min Scan# 2731
 Delta R.T. 0.001 min
 Lab File: BE095677.D
 Acq: 23 Feb 2018 11:29

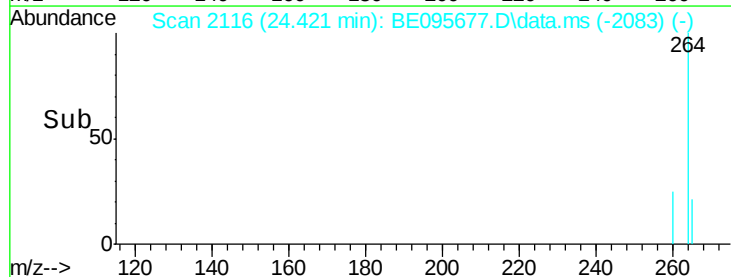
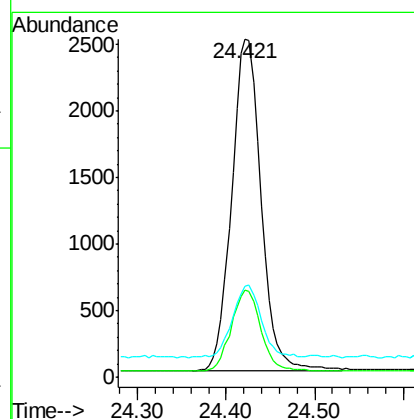
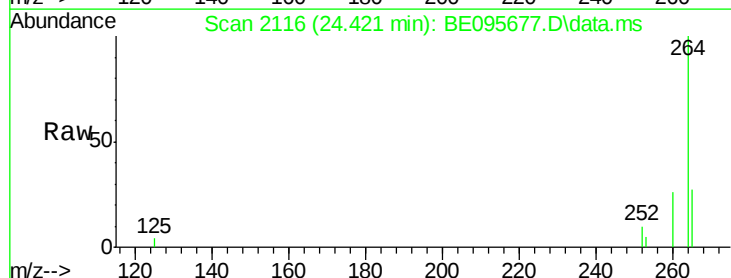
Instrument :
 BNA_E
 ClientSampleId :

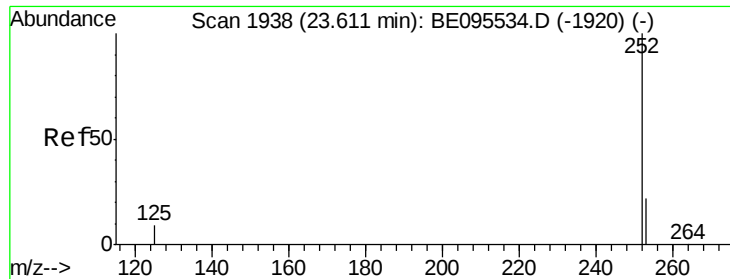
Tot Ion:276 Resp: 70092
 Ion Ratio Lower Upper
 276 100
 138 22.9 22.5 33.7
 277 24.9 19.9 29.9



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 24.421 min Scan# 2116
 Delta R.T. -0.000 min
 Lab File: BE095677.D
 Acq: 23 Feb 2018 11:29

Tgt Ion:264 Resp: 5738
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.5 30.7
 265 27.0 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 3.38 ng

RT: 23.606 min Scan# 19

Delta R.T. -0.000 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

Instrument :

BNA_E

ClientSampleId :

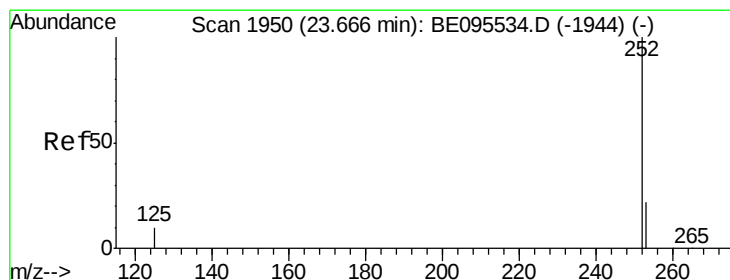
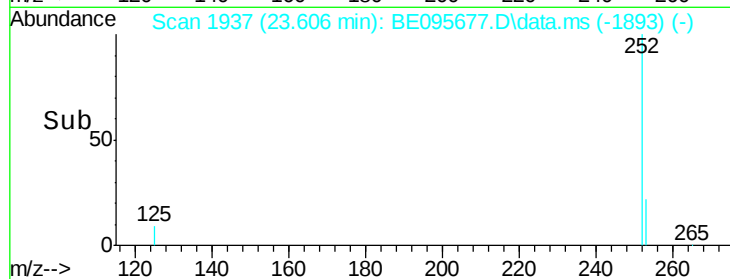
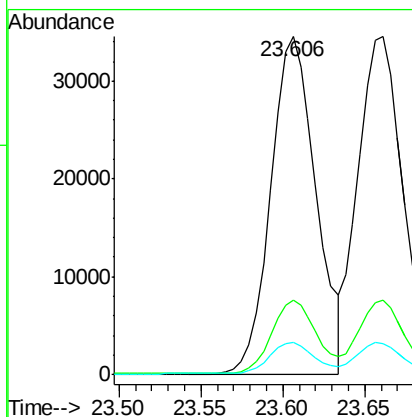
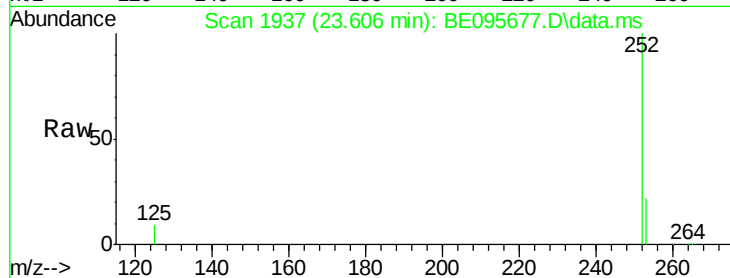
Tot Ion:252 Resp: 66212

Ion Ratio Lower Upper

252 100

253 22.0 20.0 30.0

125 9.5 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 3.39 ng

RT: 23.661 min Scan# 1949

Delta R.T. -0.000 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

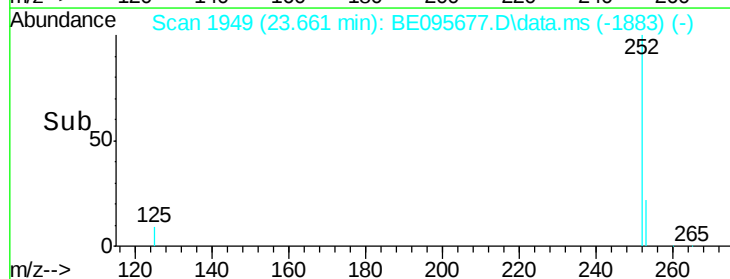
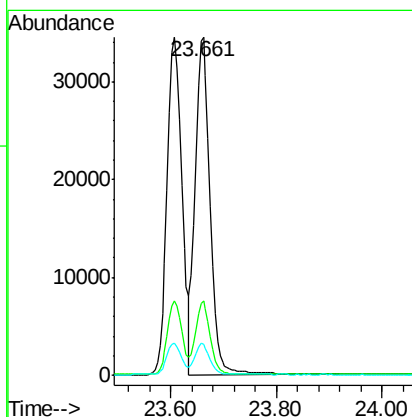
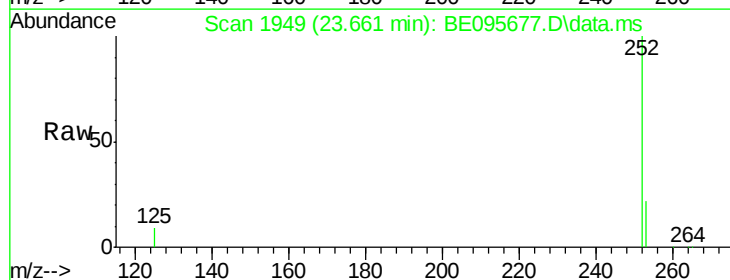
Tgt Ion:252 Resp: 68202

Ion Ratio Lower Upper

252 100

253 22.1 16.0 24.0

125 9.2 8.0 12.0





#37

Benzo(a)pyrene

Concen: 3.36 ng

RT: 24.303 min Scan# 2091

Delta R.T. -0.000 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

Instrument :

BNA_E

ClientSampleId :

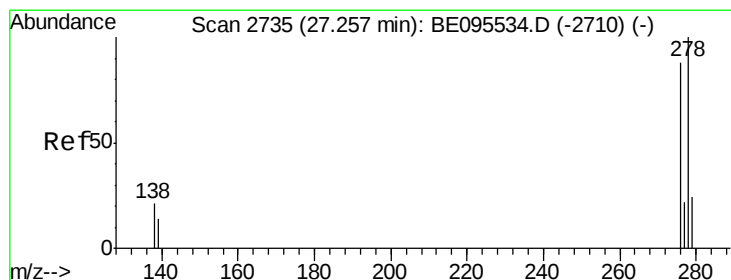
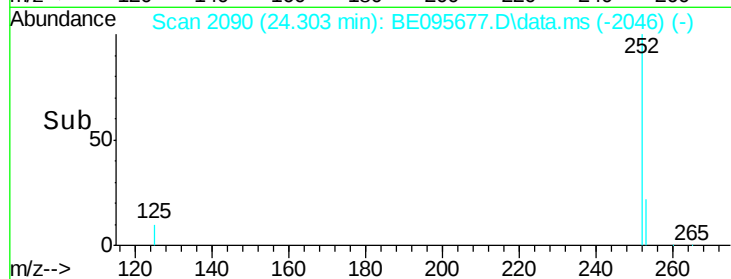
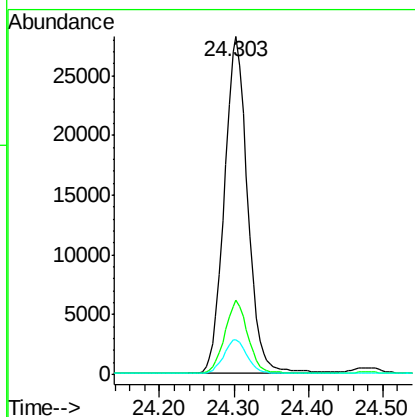
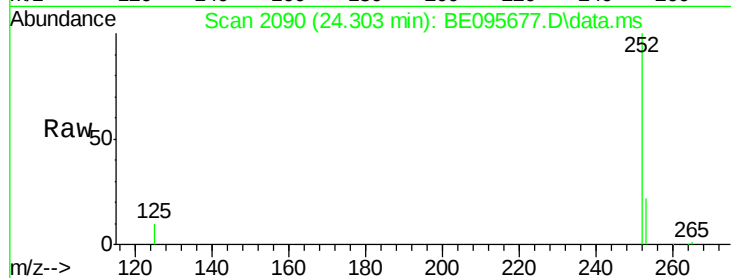
Tot Ion:252 Resp: 61230

Ion Ratio Lower Upper

252 100

253 22.1 16.0 24.0

125 10.4 12.0 18.0#



#38

Dibenzo(a,h)anthracene

Concen: 3.63 ng

RT: 27.243 min Scan# 2732

Delta R.T. -0.004 min

Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

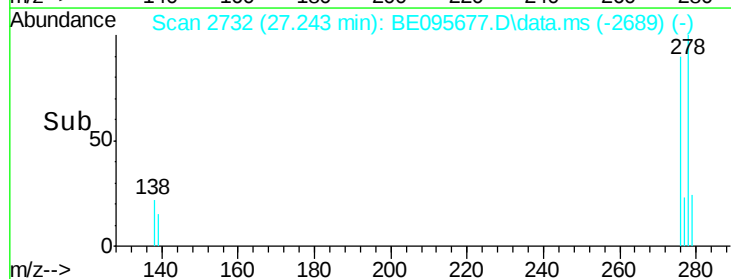
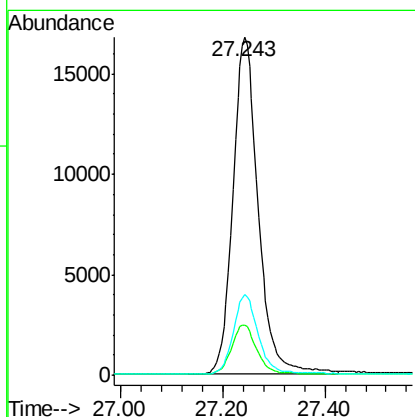
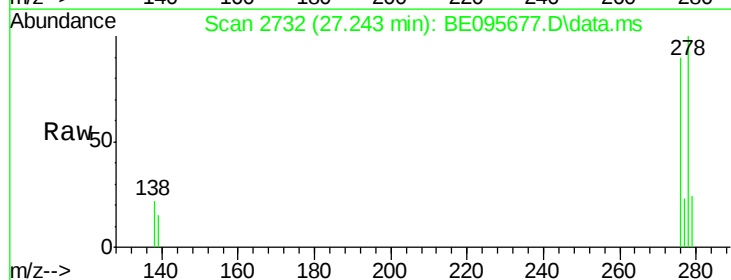
Tgt Ion:278 Resp: 57800

Ion Ratio Lower Upper

278 100

139 15.0 16.0 24.0#

279 23.9 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 3.40 ng

RT: 28.100 min Scan# 29

Delta R.T. 0.001 min

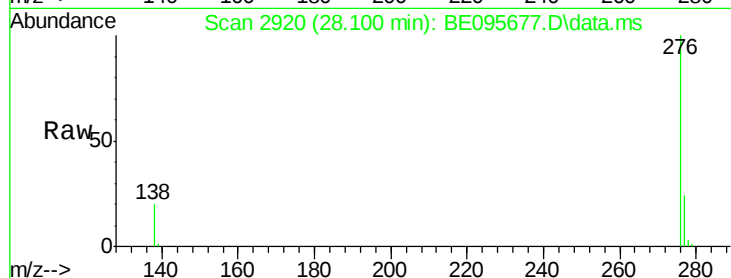
Lab File: BE095677.D

Acq: 23 Feb 2018 11:29

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 58107

Ion Ratio Lower Upper

276 100

277 23.8 16.0 24.0

138 19.7 20.0 30.0#

