

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE012318\
 Data File : BE095096.D
 Acq On : 23 Jan 2018 14:18
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Jan 23 14:57:18 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 13:15:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5655	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	14065	0.40	ng	0.00
13) Acenaphthene-d10	15.03	164	8105	0.40	ng	0.00
19) Phenanthrene-d10	17.74	188	18394	0.40	ng	0.00
27) Chrysene-d12	21.84	240	19746	0.40	ng	0.00
34) Perylene-d12	24.49	264	15359	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.94	112	30532	3.48	ng	0.00
5) Phenol-d6	7.58	99	47328	3.63	ng	0.00
8) Nitrobenzene-d5	9.63	82	43163	3.74	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	74610	3.24	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	9399	4.99	ng	0.00
15) 2-Fluorobiphenyl	13.68	172	111813	3.11	ng	0.00
25) Fluoranthene-d10	19.72	212	788106	3.30	ng	0.00
29) Terphenyl-d14	20.28	244	129544	3.48	ng	0.00

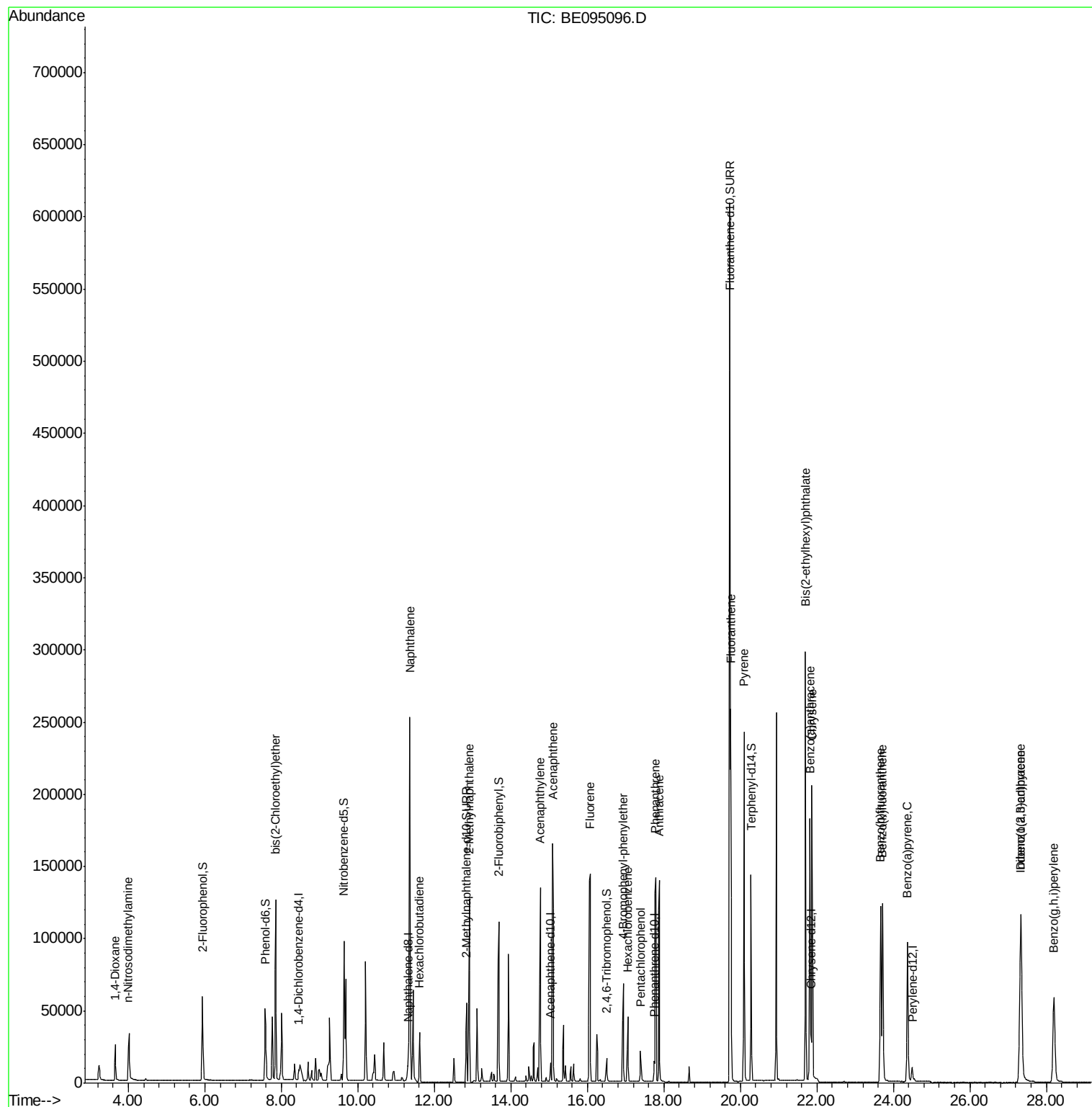
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	16444	2.951	ng	# 87
3) n-Nitrosodimethylamine	4.00	42	22806	3.463	ng	# 96
6) bis(2-Chloroethyl)ether	7.85	93	42492	3.338	ng	93
9) Naphthalene	11.36	128	508308	3.078	ng	99
10) Hexachlorobutadiene	11.61	225	22928	3.054	ng	97
12) 2-Methylnaphthalene	12.91	142	88612	2.151	ng	97
16) Acenaphthylene	14.77	152	148171	3.420	ng	100
17) Acenaphthene	15.09	154	92059	3.204	ng	96
18) Fluorene	16.07	166	117655	3.295	ng	# 79
20) 4-Bromophenyl-phenylether	16.94	248	36104	3.354	ng	# 73
21) Hexachlorobenzene	17.06	284	34571	3.140	ng	# 82
22) Pentachlorophenol	17.39	266	12352	5.866	ng	# 70
23) Phenanthrene	17.79	178	185246	3.232	ng	99
24) Anthracene	17.88	178	177043	3.010	ng	96
26) Fluoranthene	19.75	202	235650	3.332	ng	98
28) Pyrene	20.10	202	279039	4.171	ng	98
30) Benzo(a)anthracene	21.82	228	199267	3.453	ng	95
31) Chrysene	21.87	228	196099	3.020	ng	98
32) Bis(2-ethylhexyl)phthalate	21.70	149	326432	4.440	ng	99
33) Indeno(1,2,3-cd)pyrene	27.32	276	182525	3.452	ng	97
35) Benzo(b)fluoranthene	23.67	252	178321	3.161	ng	# 88
36) Benzo(k)fluoranthene	23.72	252	192915	3.376	ng	97
37) Benzo(a)pyrene	24.37	252	166311	3.323	ng	# 94
38) Dibenzo(a,h)anthracene	27.34	278	151130	3.257	ng	95
39) Benzo(g,h,i)perylene	28.20	276	153280	3.317	ng	93

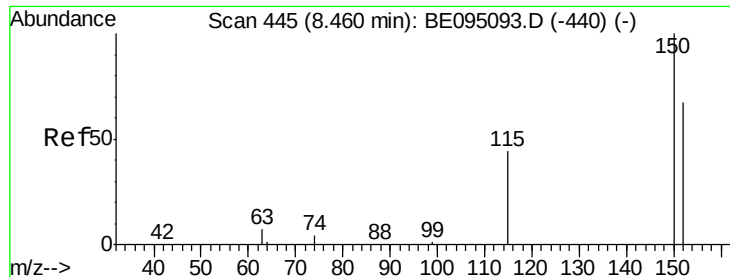
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

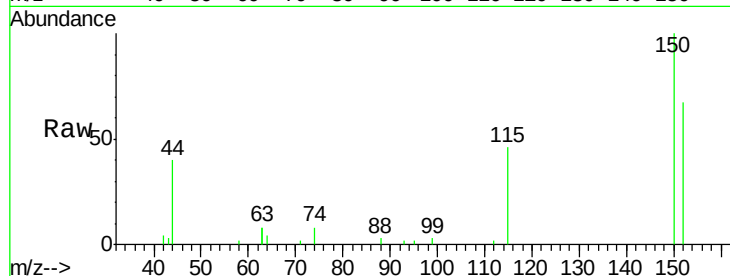
Tgt Ion:152 Resp: 5655

Ion Ratio Lower Upper

152 100

150 149.0 117.2 175.8

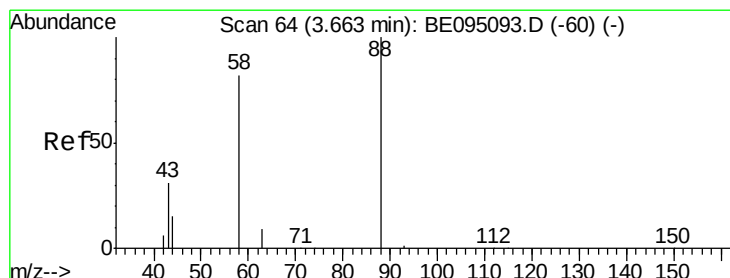
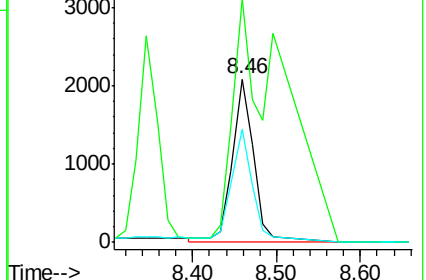
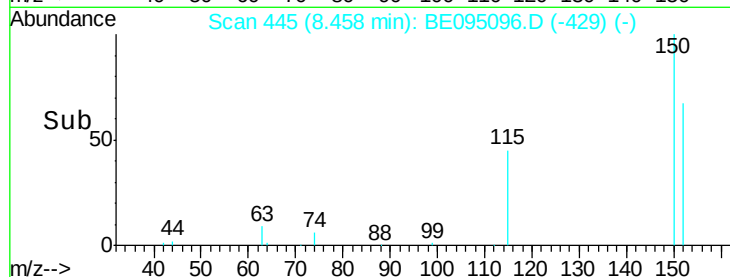
115 69.1 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.951 ng

RT: 3.66 min Scan# 64

Delta R.T. -0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

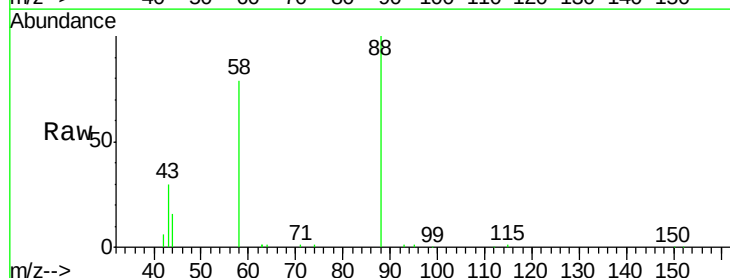
Tgt Ion: 88 Resp: 16444

Ion Ratio Lower Upper

88 100

58 82.7 63.2 94.8

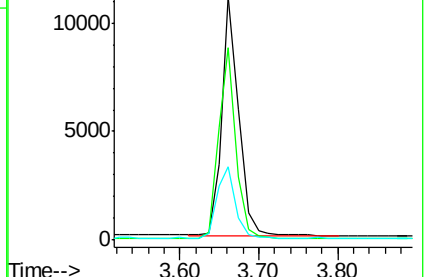
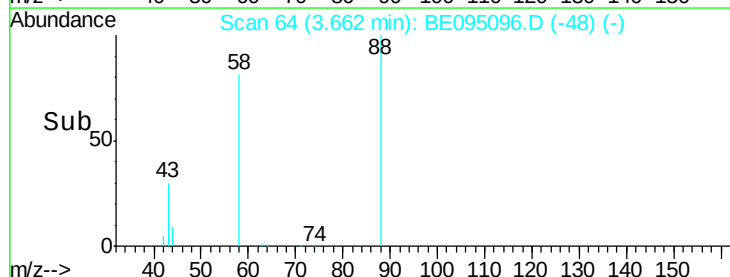
43 32.5 41.2 61.8#

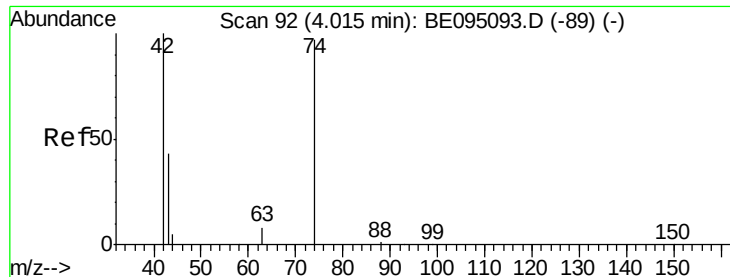


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.463 ng

RT: 4.00 min Scan# 91

Delta R.T. -0.01 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

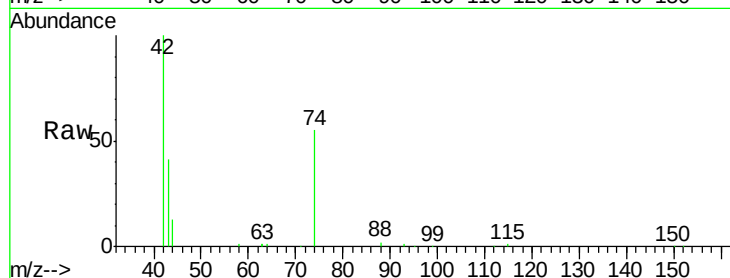
Tgt Ion: 42 Resp: 22806

Ion Ratio Lower Upper

42 100

74 117.9 96.0 144.0

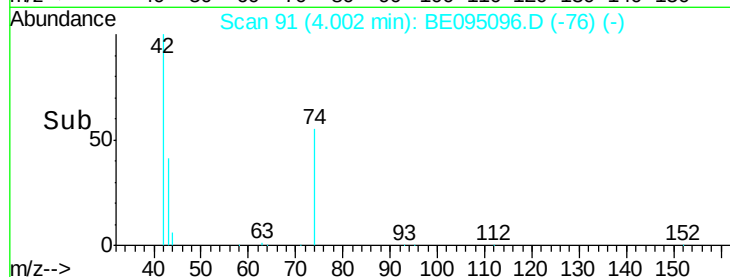
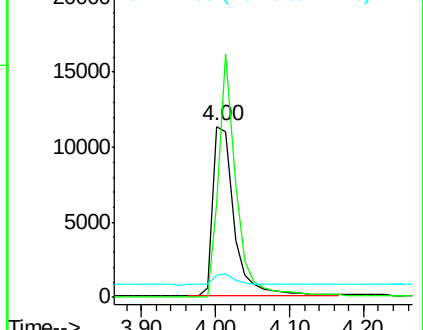
44 6.7 12.0 18.0#



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: 3.477 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

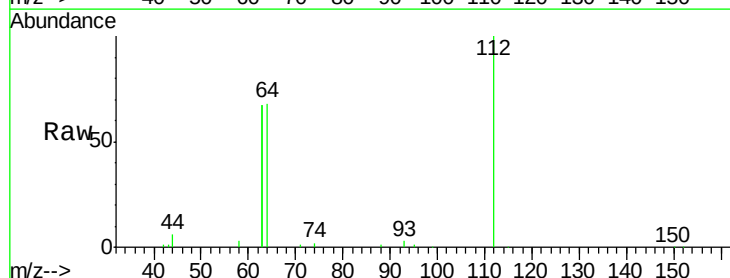
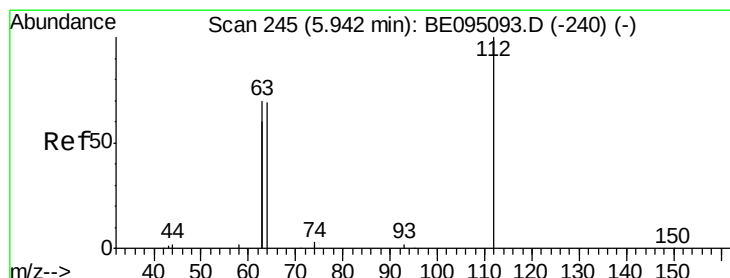
Tgt Ion: 112 Resp: 30532

Ion Ratio Lower Upper

112 100

64 71.8 60.1 90.1

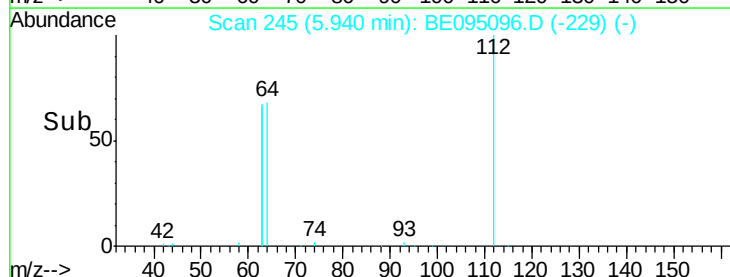
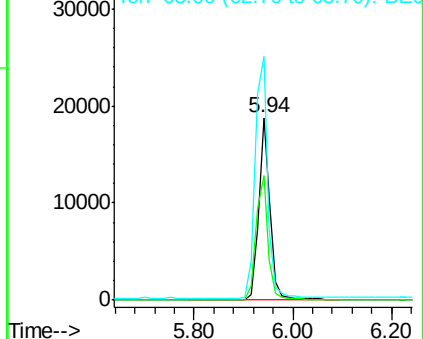
63 147.3 116.8 175.2

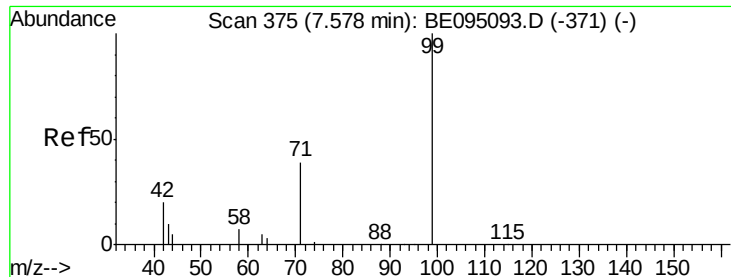


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.627 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

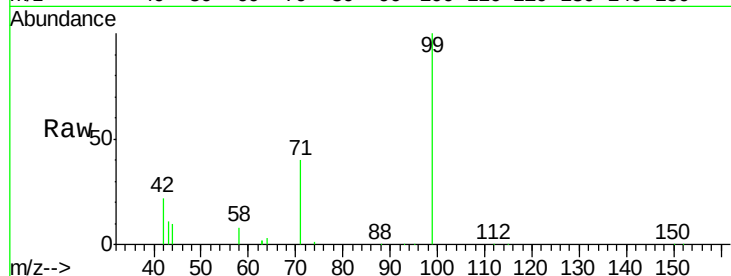
Tgt Ion: 99 Resp: 47328

Ion Ratio Lower Upper

99 100

42 22.5 20.2 30.2

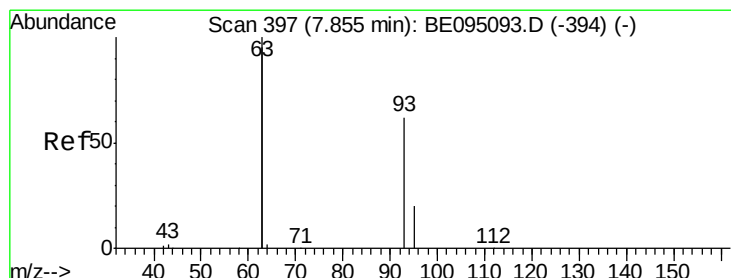
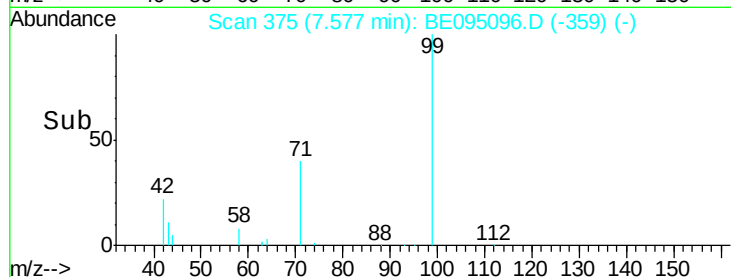
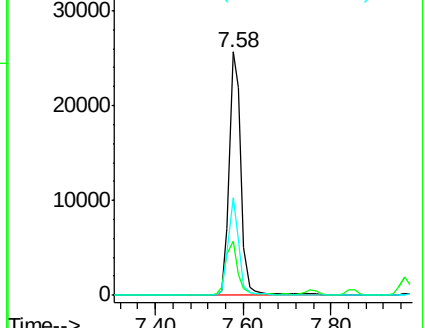
71 36.3 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 3.338 ng

RT: 7.85 min Scan# 397

Delta R.T. -0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

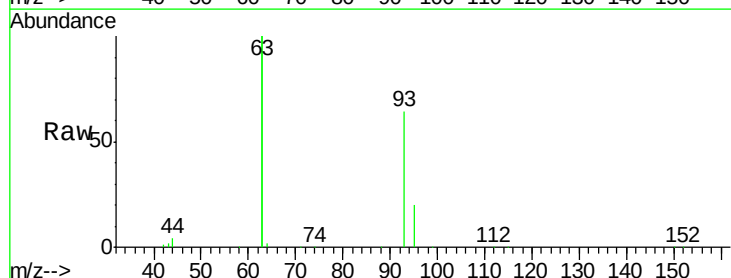
Tgt Ion: 93 Resp: 42492

Ion Ratio Lower Upper

93 100

63 327.7 275.3 412.9

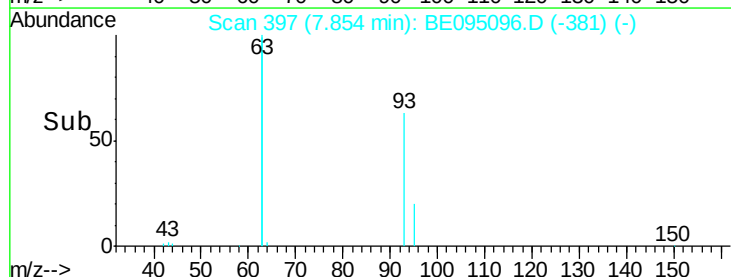
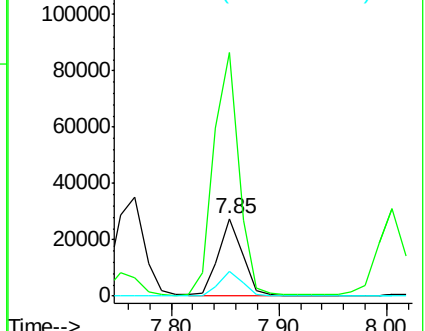
95 31.7 25.2 37.8

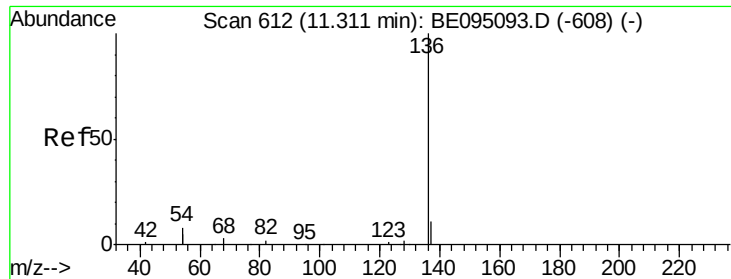


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion:136 Resp: 14065

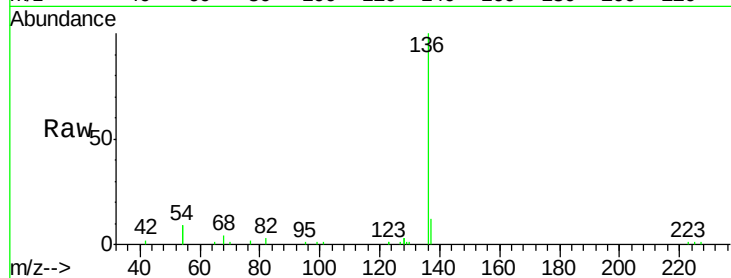
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 18.5 29.1 43.7#

68 4.2 6.2 9.2#

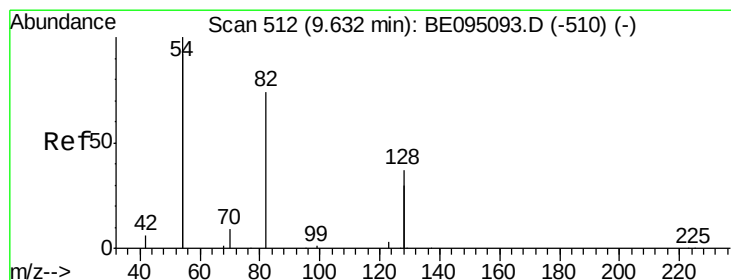
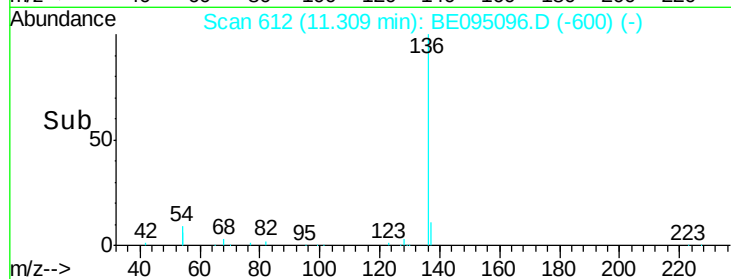
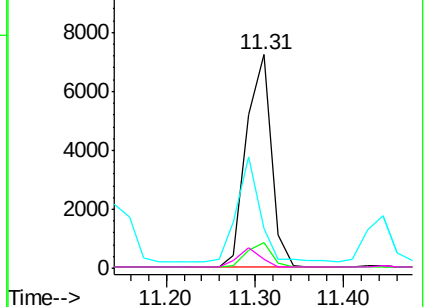


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.740 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

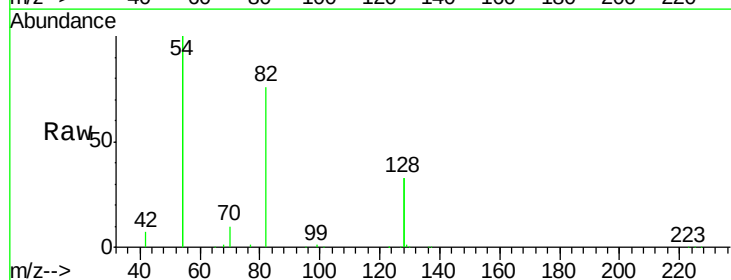
Tgt Ion: 82 Resp: 43163

Ion Ratio Lower Upper

82 100

128 86.5 150.0 225.0#

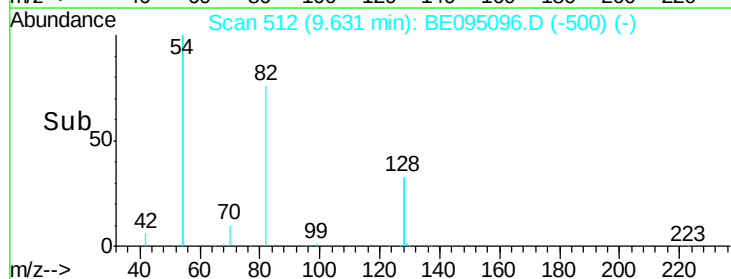
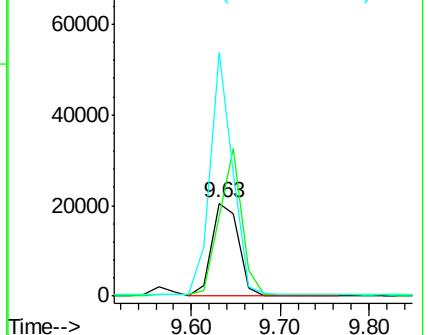
54 262.0 154.2 231.4#

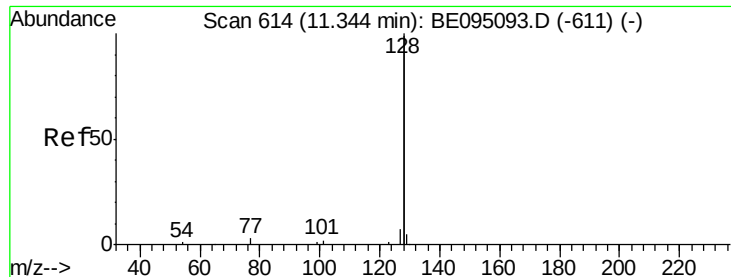


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.078 ng

RT: 11.36 min Scan# 615

Delta R.T. 0.02 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

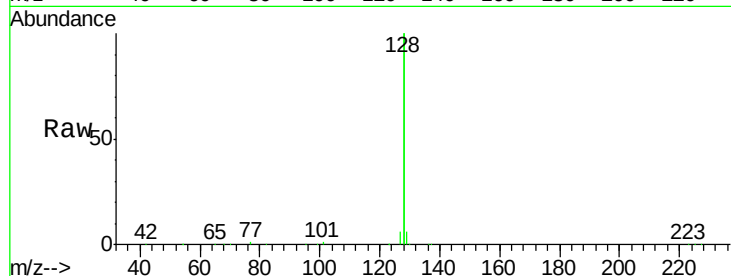
Tgt Ion:128 Resp: 508308

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

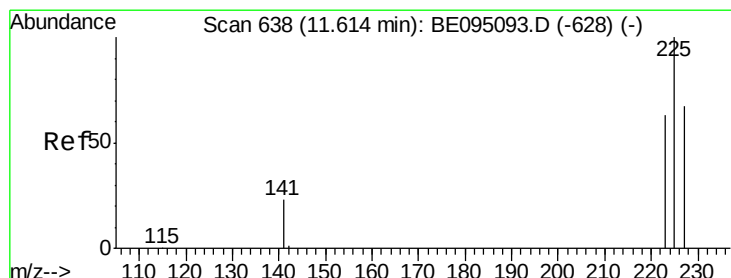
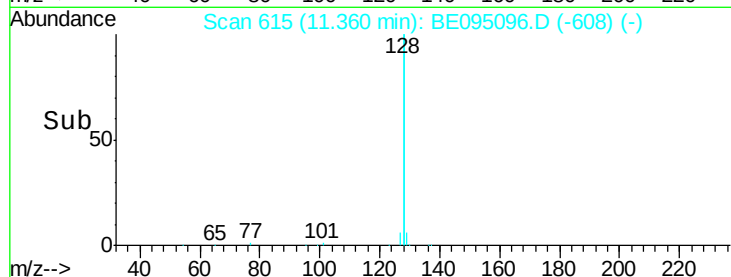
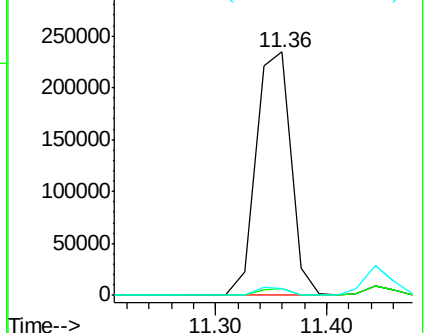
127 3.0 2.8 4.2



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: 3.054 ng

RT: 11.61 min Scan# 638

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

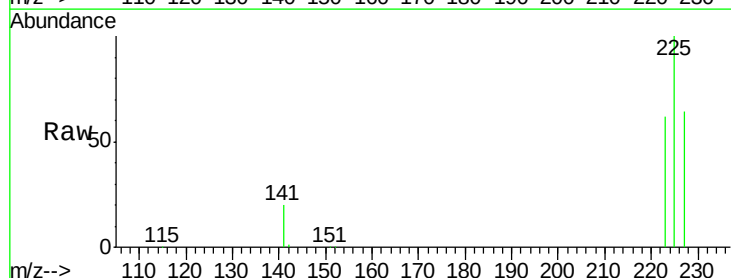
Tgt Ion:225 Resp: 22928

Ion Ratio Lower Upper

225 100

223 62.9 53.0 79.6

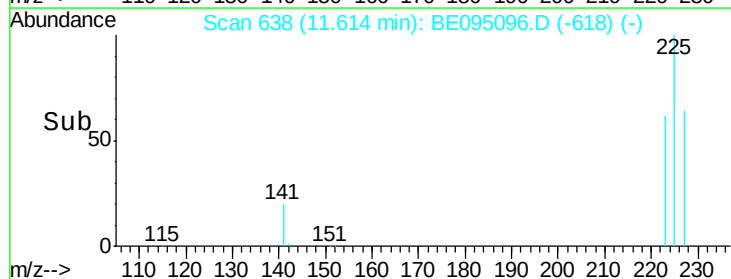
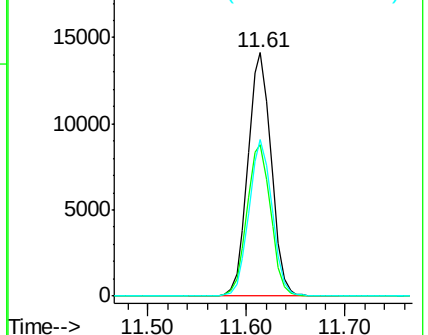
227 63.5 51.4 77.2

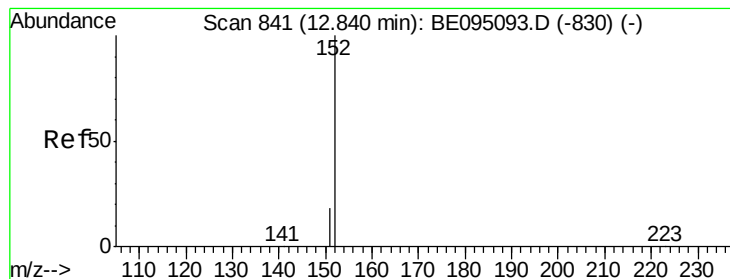


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.239 ng

RT: 12.84 min Scan# 841

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

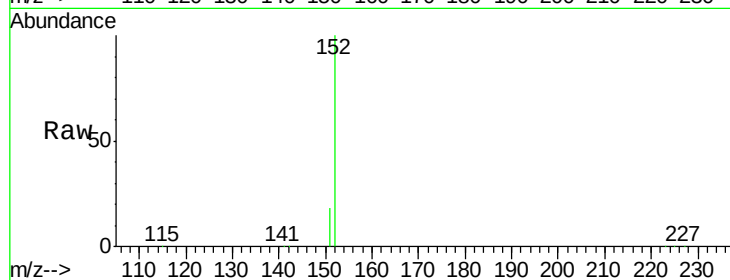
SSTDICC3.2

Tgt Ion:152 Resp: 74610

Ion Ratio Lower Upper

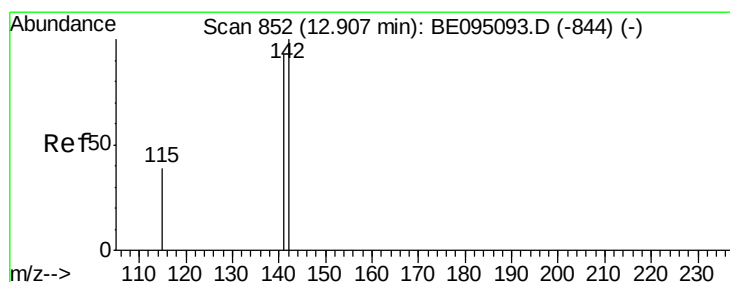
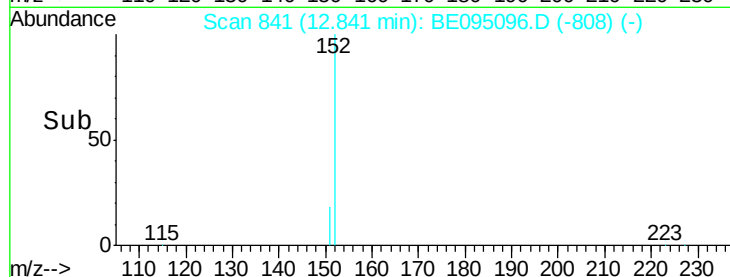
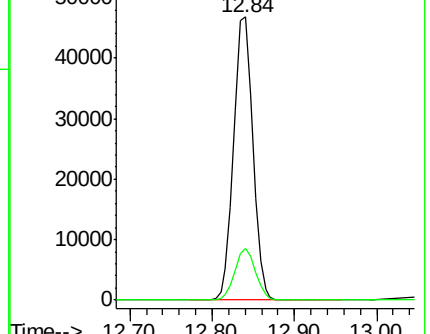
152 100

151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 2.151 ng

RT: 12.91 min Scan# 852

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

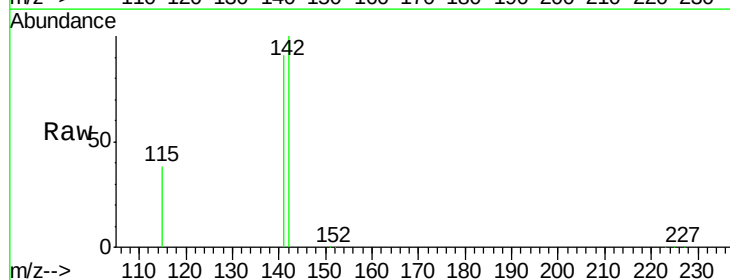
Tgt Ion:142 Resp: 88612

Ion Ratio Lower Upper

142 100

141 91.1 70.4 105.6

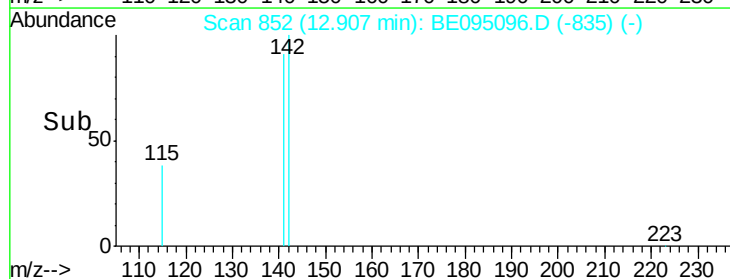
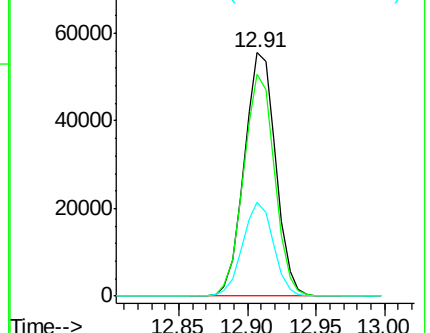
115 38.4 31.7 47.5

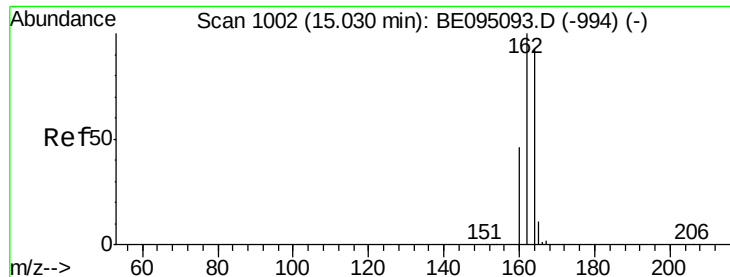


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

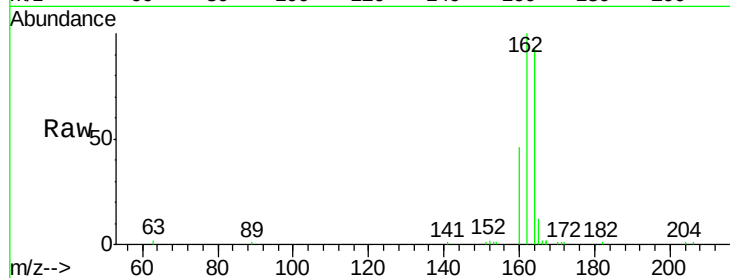
Tgt Ion:164 Resp: 8105

Ion Ratio Lower Upper

164 100

162 107.9 83.1 124.7

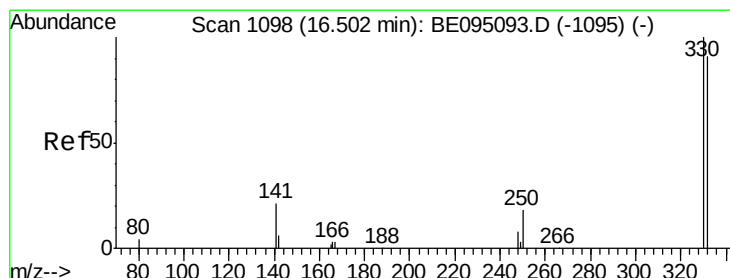
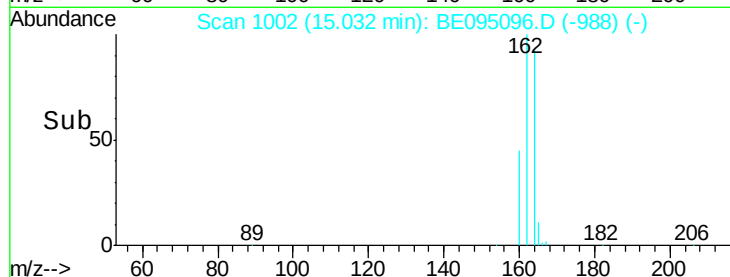
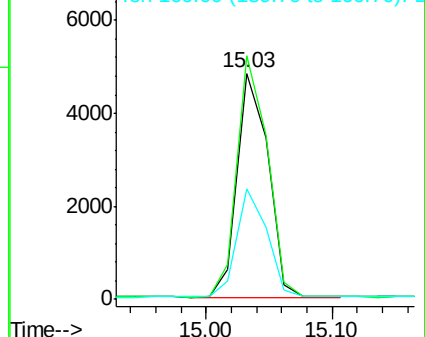
160 49.2 37.1 55.7



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: 4.990 ng

RT: 16.50 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

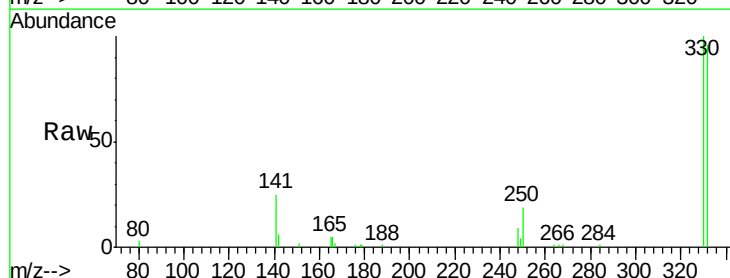
Tgt Ion:330 Resp: 9399

Ion Ratio Lower Upper

330 100

332 96.9 152.7 229.1#

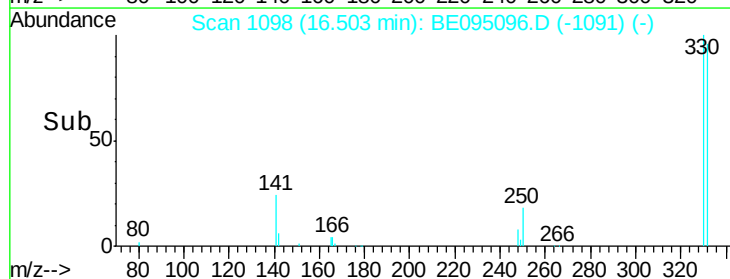
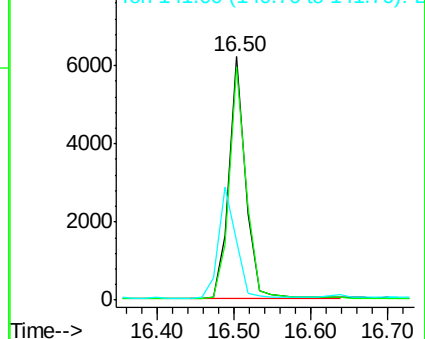
141 48.4 33.7 50.5

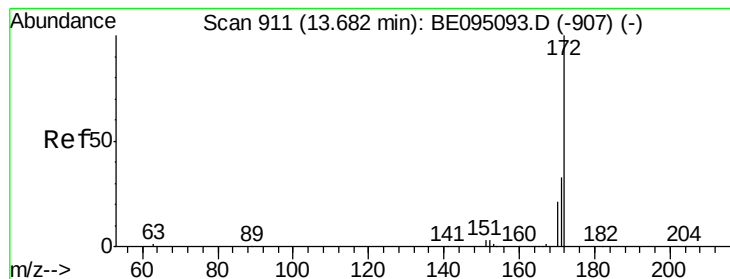


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 3.114 ng

RT: 13.68 min Scan# 911

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

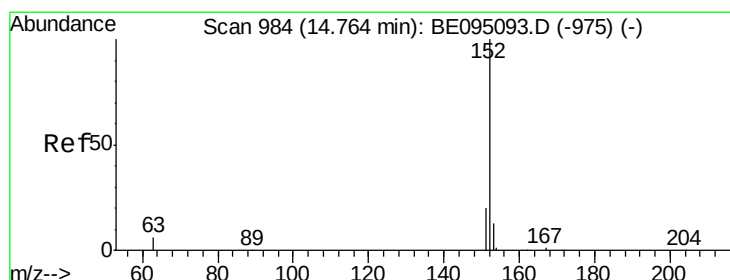
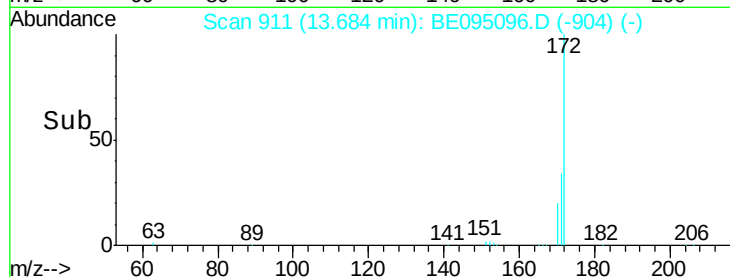
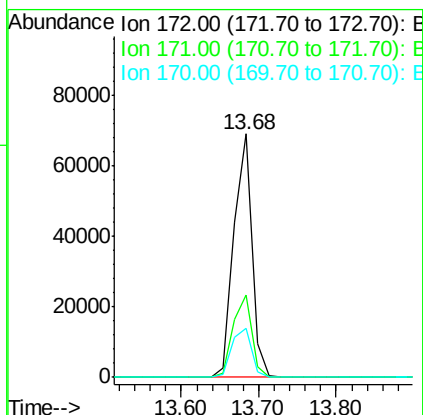
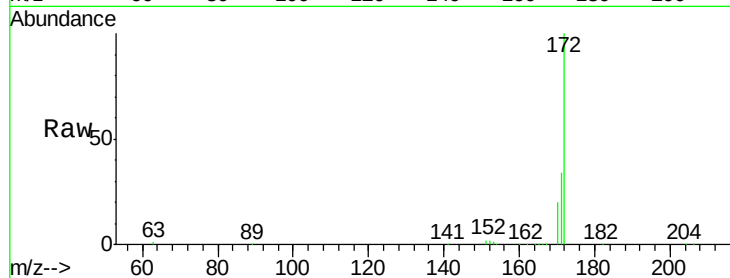
Tgt Ion:172 Resp: 111813

Ion Ratio Lower Upper

172 100

171 33.8 29.9 44.9

170 20.1 21.8 32.8#



#16

Acenaphthylene

Concen: 3.420 ng

RT: 14.77 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

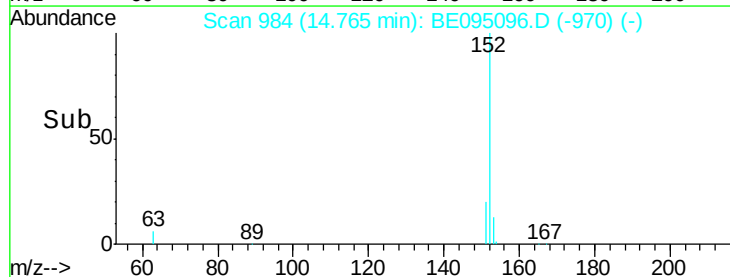
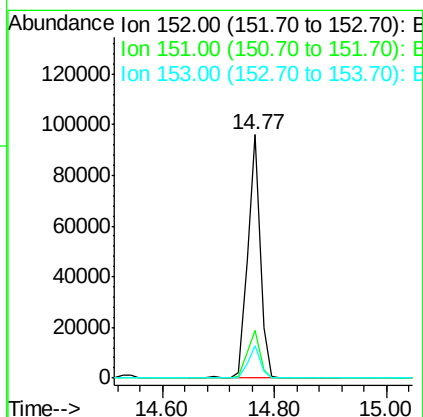
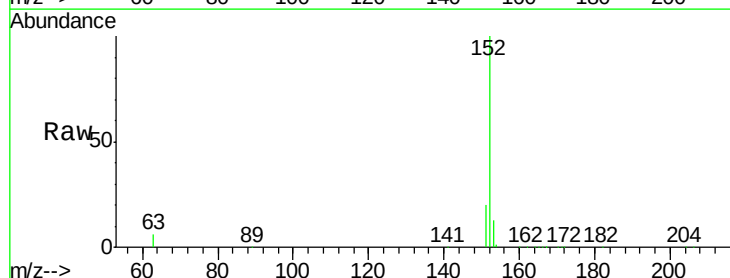
Tgt Ion:152 Resp: 148171

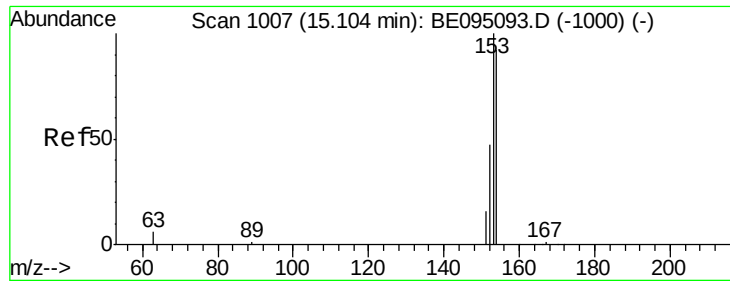
Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 3.204 ng

RT: 15.09 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

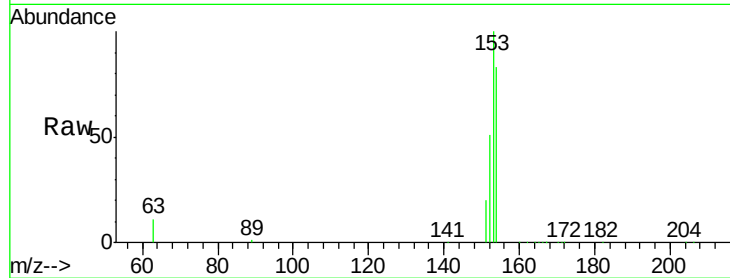
Tgt Ion:154 Resp: 92059

Ion Ratio Lower Upper

154 100

153 114.1 89.2 133.8

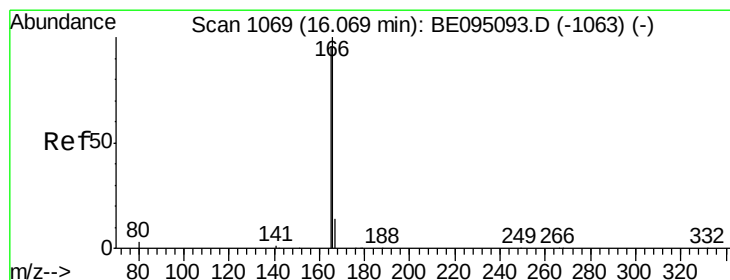
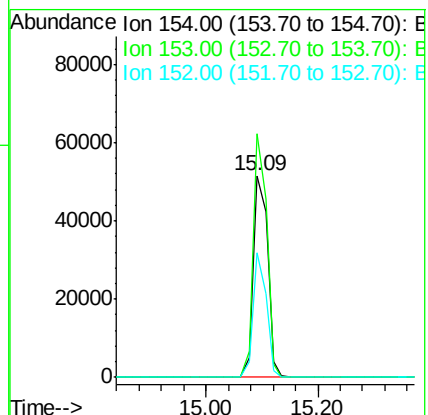
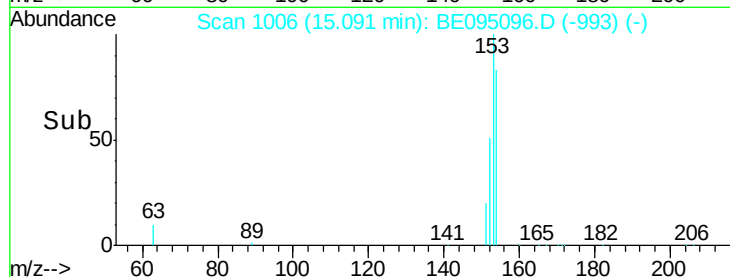
152 57.0 42.0 63.0



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: 3.295 ng

RT: 16.07 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

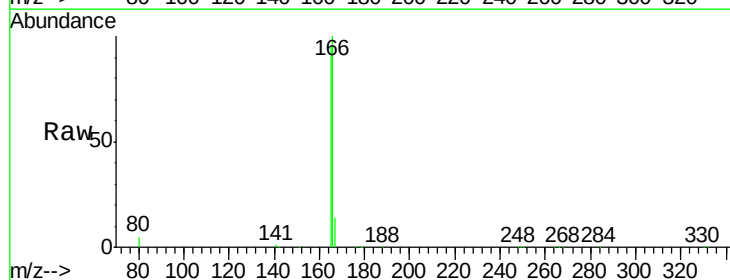
Tgt Ion:166 Resp: 117655

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.6

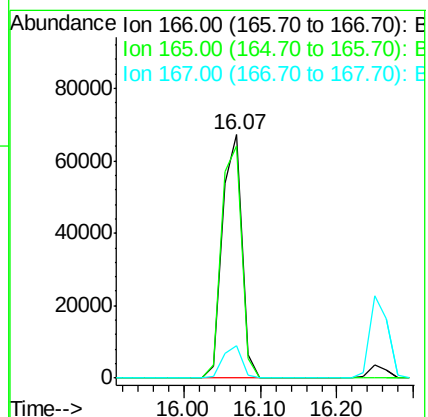
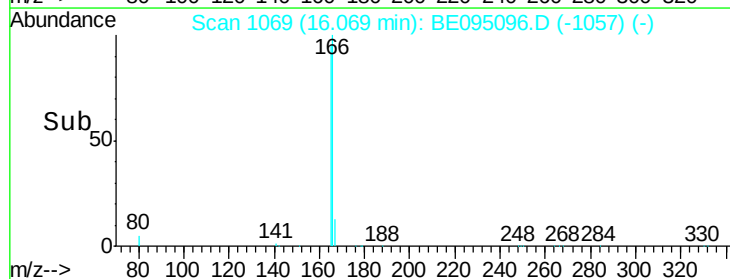
167 13.3 42.4 63.6#

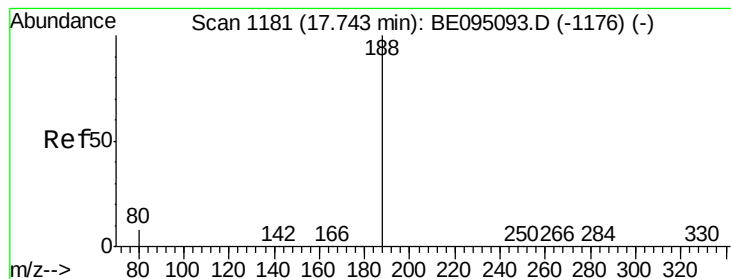


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.74 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

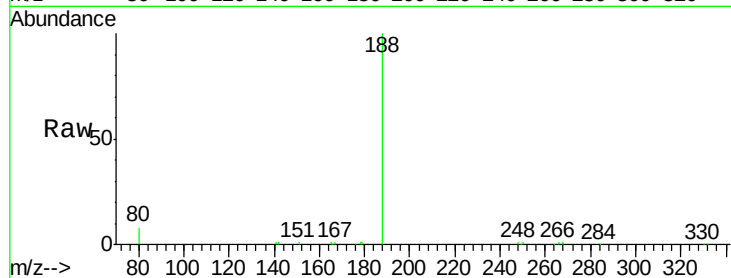
Tgt Ion:188 Resp: 18394

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

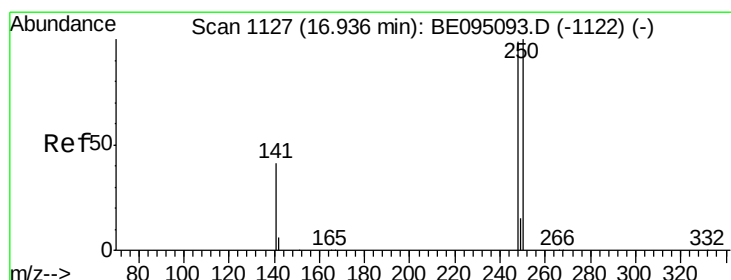
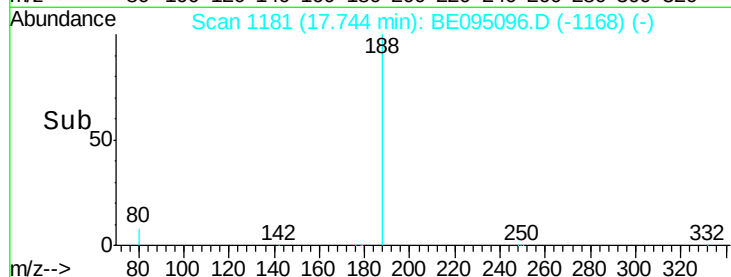
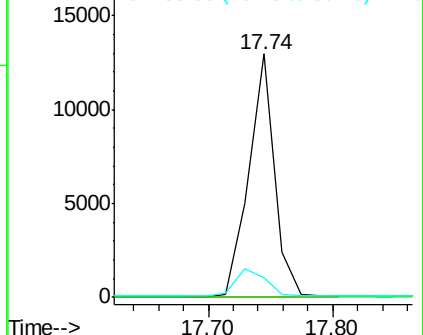
80 8.2 3.6 5.4#



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: 3.354 ng

RT: 16.94 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

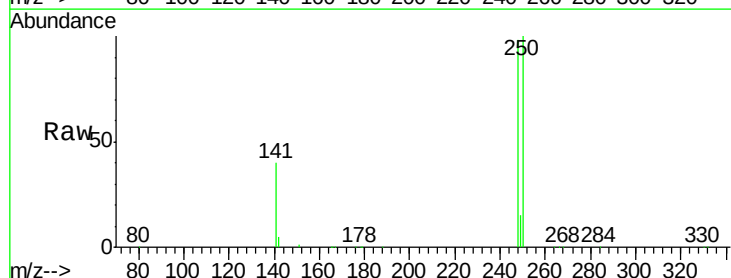
Tgt Ion:248 Resp: 36104

Ion Ratio Lower Upper

248 100

250 102.0 62.7 94.1#

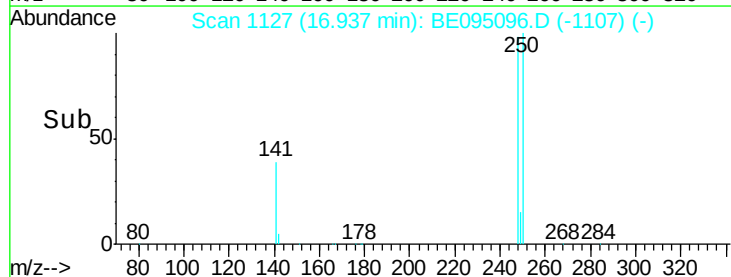
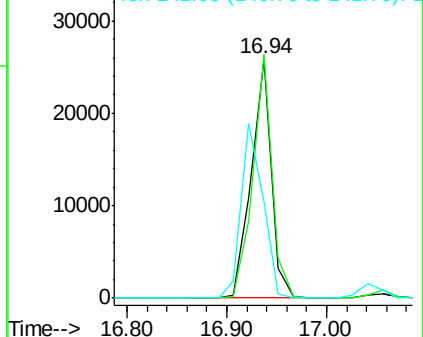
141 40.3 48.2 72.2#

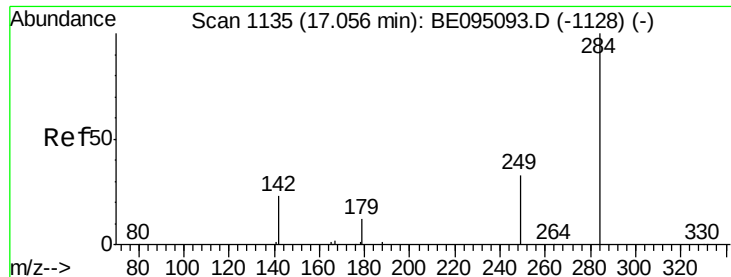


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.140 ng

RT: 17.06 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

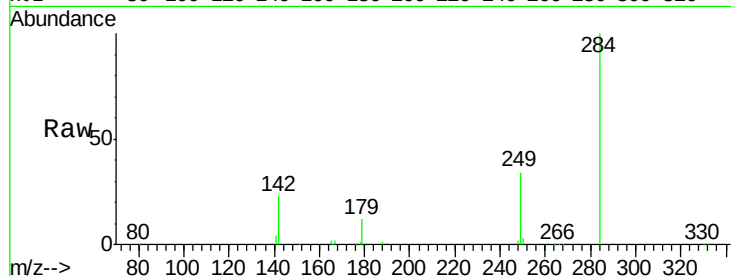
Tgt Ion:284 Resp: 34571

Ion Ratio Lower Upper

284 100

142 40.3 22.1 33.1#

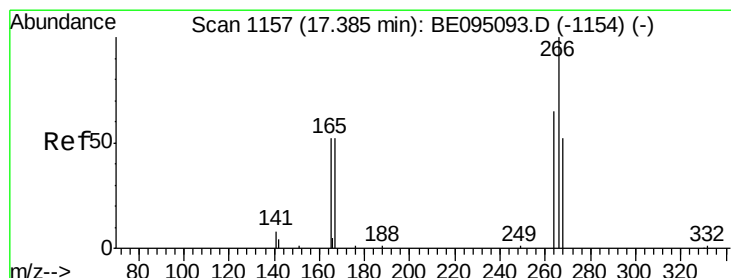
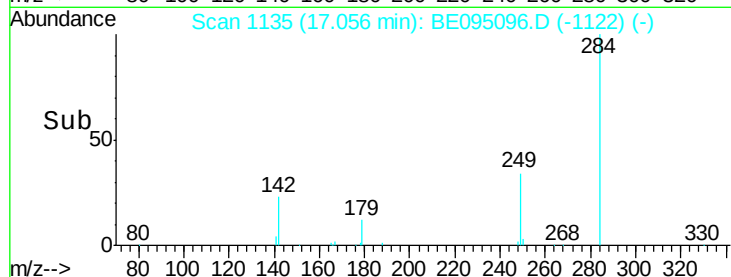
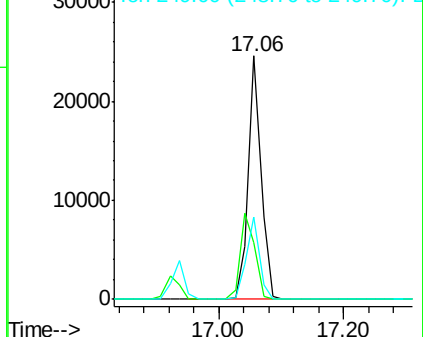
249 34.4 34.8 52.2#



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: 5.866 ng

RT: 17.39 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

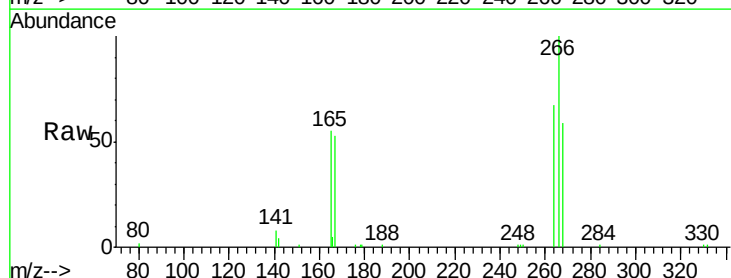
Tgt Ion:266 Resp: 12352

Ion Ratio Lower Upper

266 100

264 66.7 72.5 108.7#

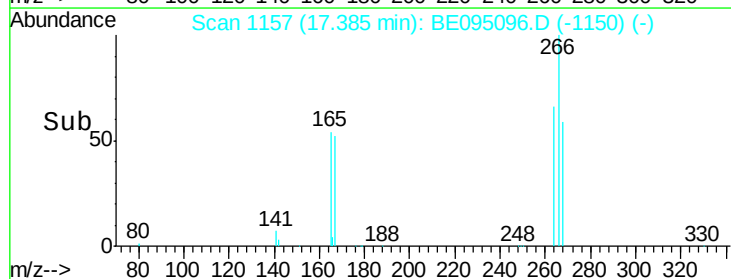
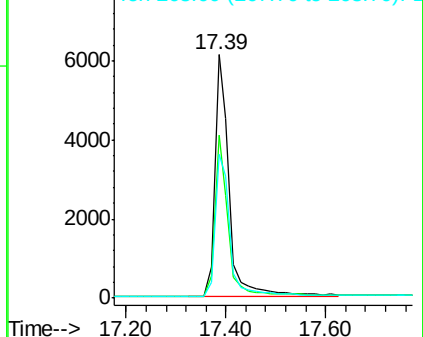
268 59.2 73.8 110.6#

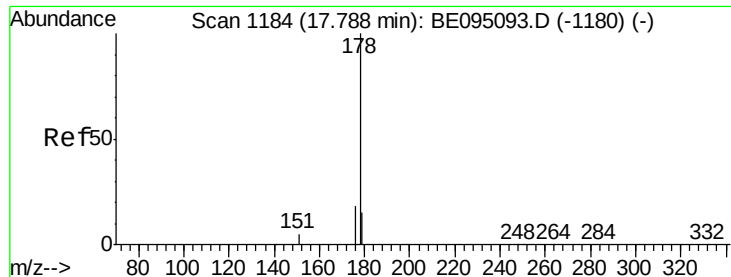


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.232 ng

RT: 17.79 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

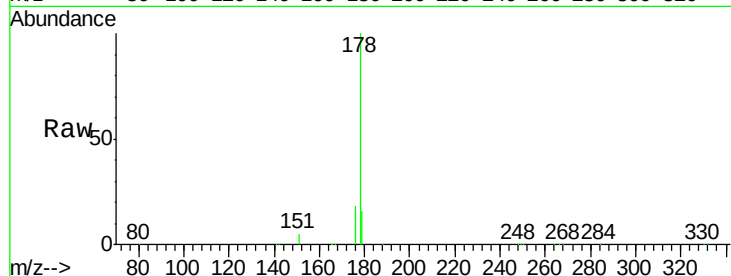
Tgt Ion:178 Resp: 185246

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

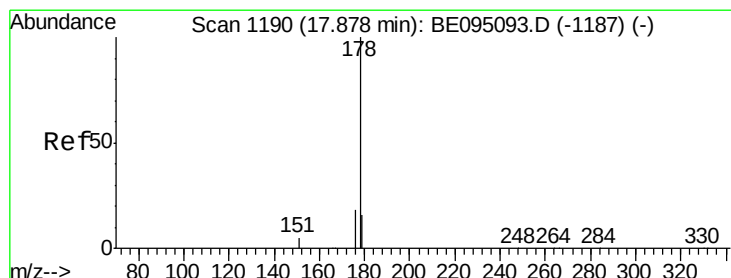
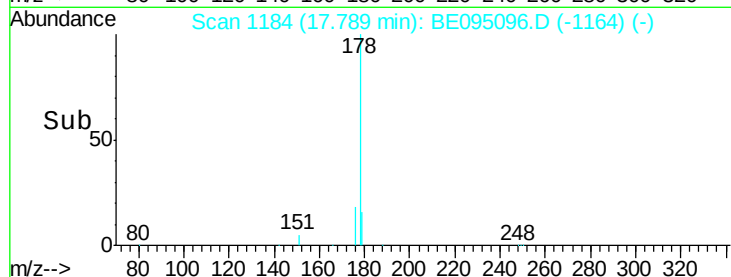
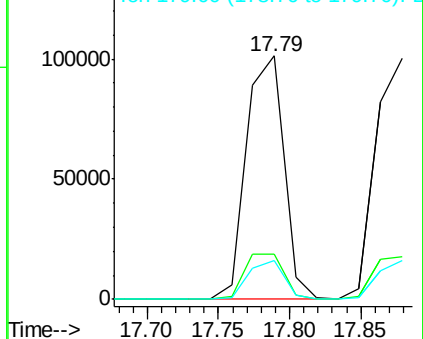
179 15.2 11.8 17.6



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: 3.010 ng

RT: 17.88 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

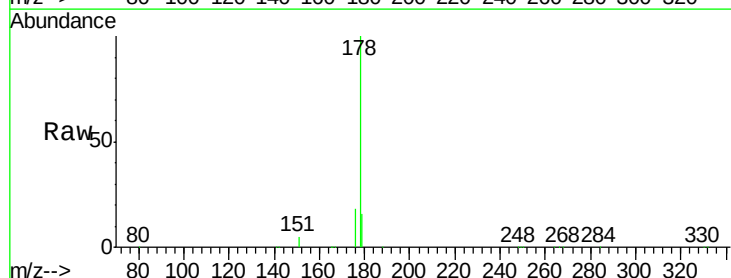
Tgt Ion:178 Resp: 177043

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

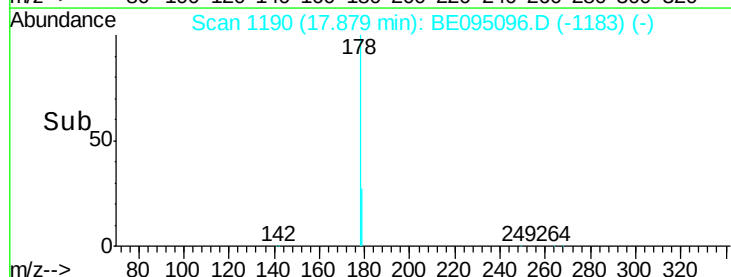
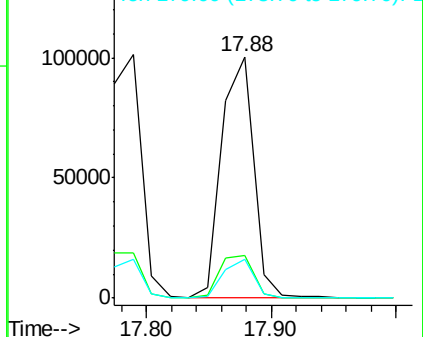
179 15.4 13.0 19.6

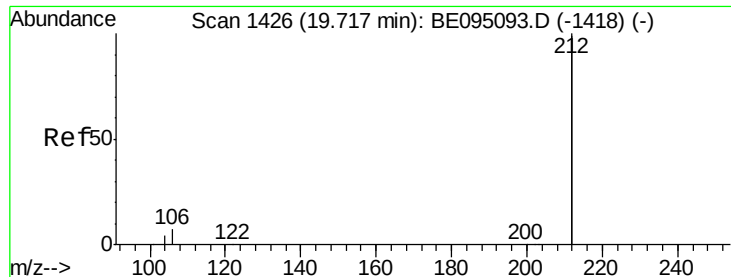


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.303 ng

RT: 19.72 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

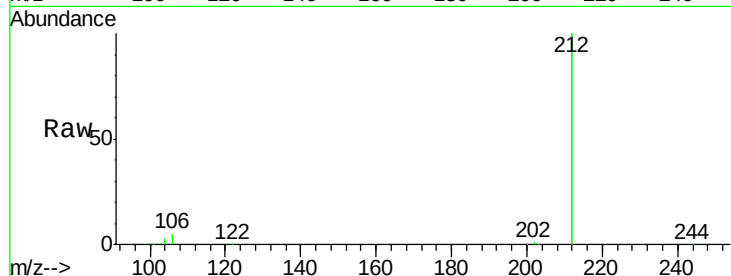
Tgt Ion:212 Resp: 788106

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

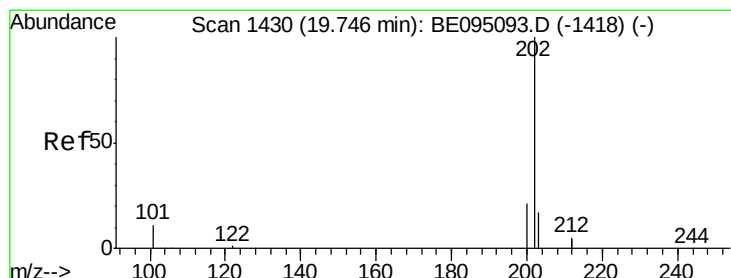
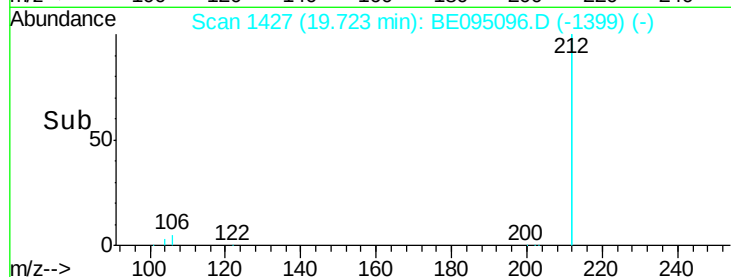
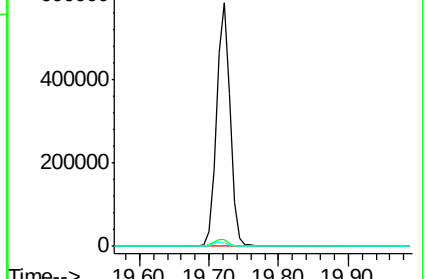
104 1.8 1.6 2.4



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: 3.332 ng

RT: 19.75 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

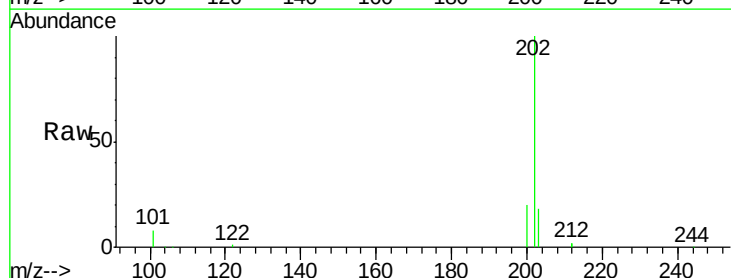
Tgt Ion:202 Resp: 235650

Ion Ratio Lower Upper

202 100

101 10.9 9.8 14.8

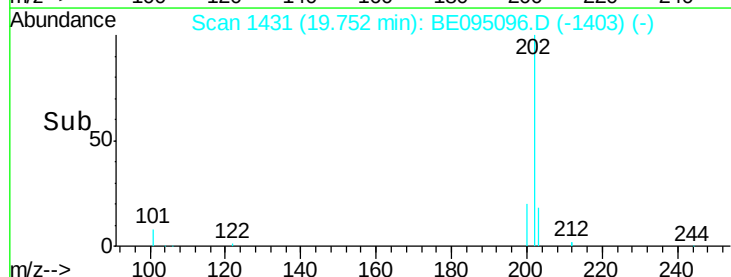
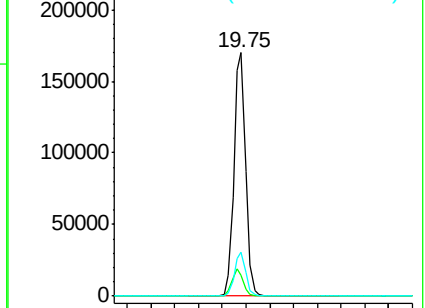
203 17.3 13.7 20.5

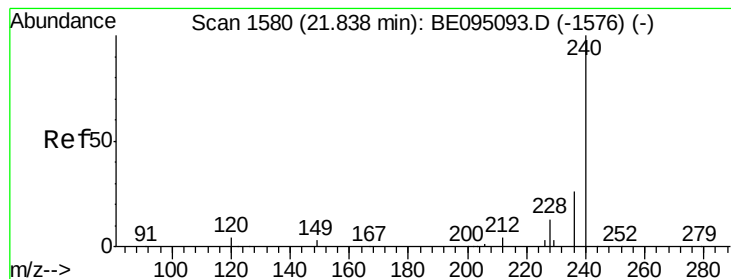


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.84 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

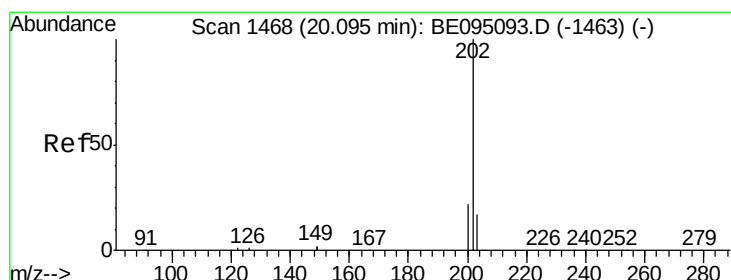
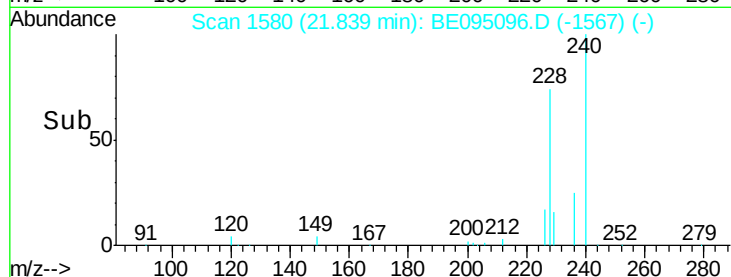
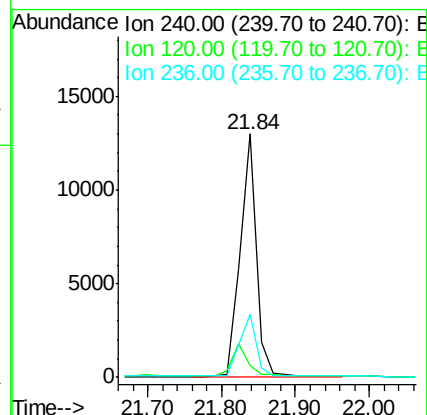
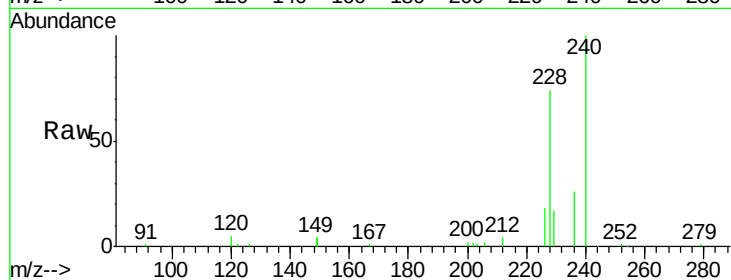
Tgt Ion:240 Resp: 19746

Ion Ratio Lower Upper

240 100

120 4.7 5.5 8.3#

236 25.8 20.7 31.1



#28

Pyrene

Concen: 4.171 ng

RT: 20.10 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

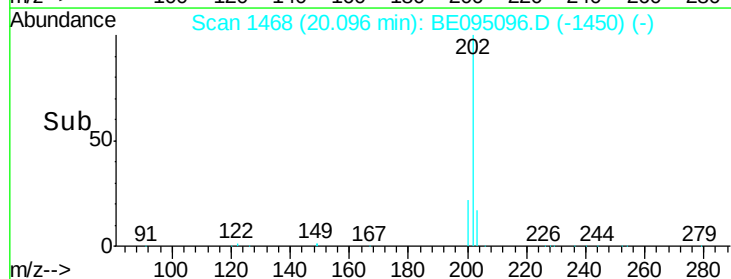
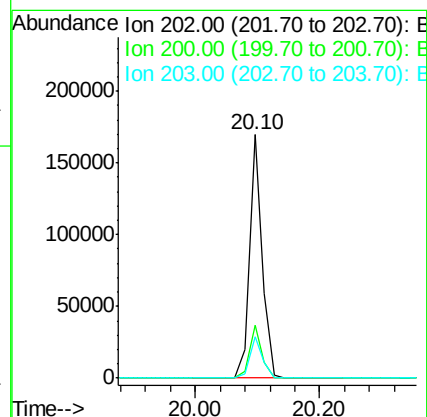
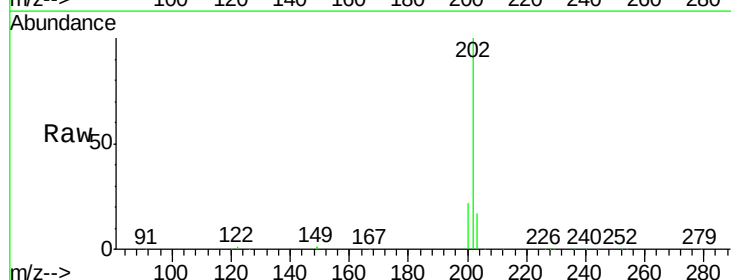
Tgt Ion:202 Resp: 279039

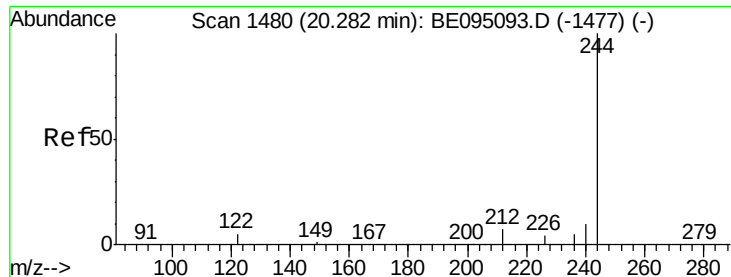
Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

203 16.1 13.8 20.8





#29

Terphenyl-d14

Concen: 3.485 ng

RT: 20.28 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

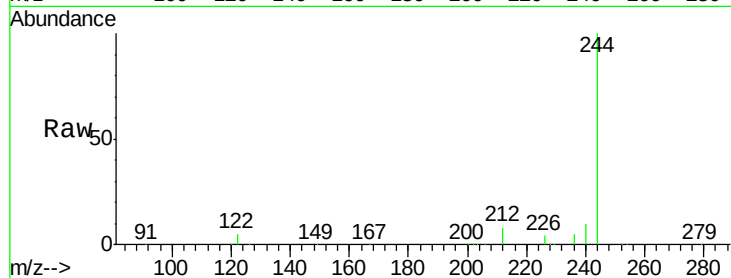
Tgt Ion:244 Resp: 129544

Ion Ratio Lower Upper

244 100

212 7.7 25.4 38.0#

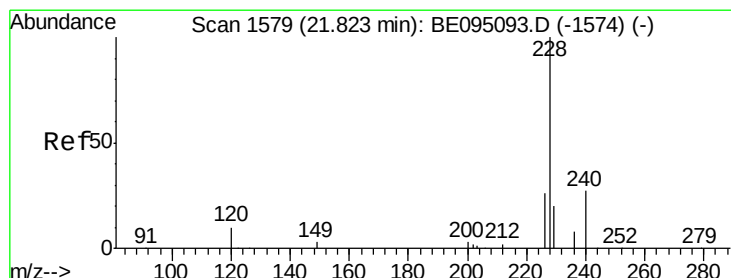
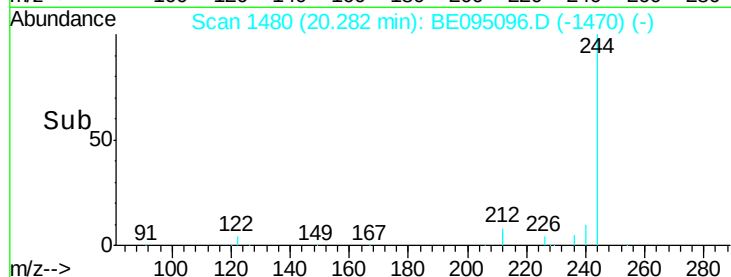
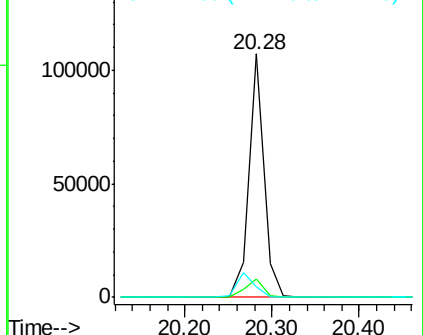
122 4.5 8.1 12.1#



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: 3.453 ng

RT: 21.82 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

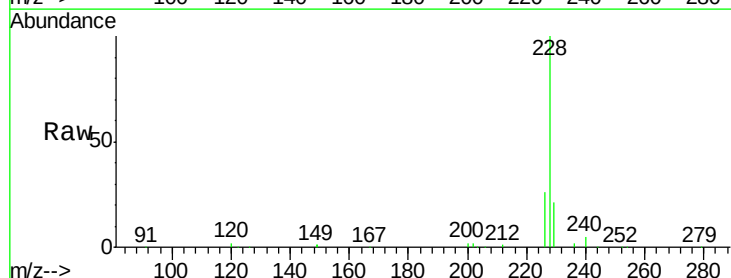
Tgt Ion:228 Resp: 199267

Ion Ratio Lower Upper

228 100

226 25.7 24.0 36.0

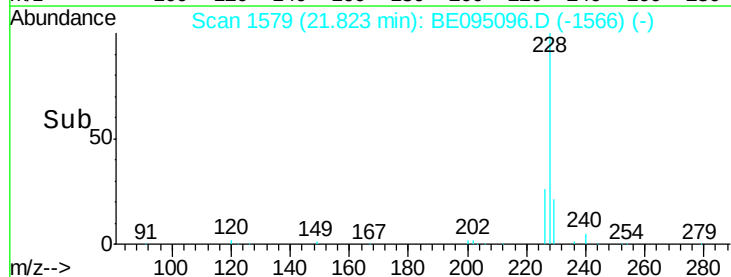
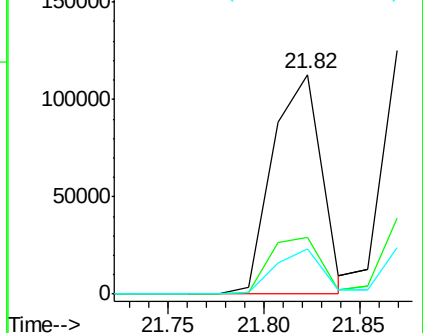
229 20.8 16.0 24.0

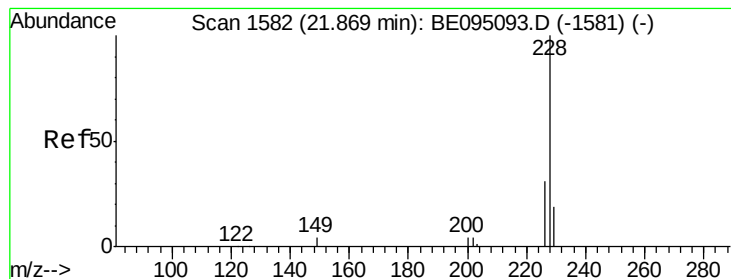


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.020 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

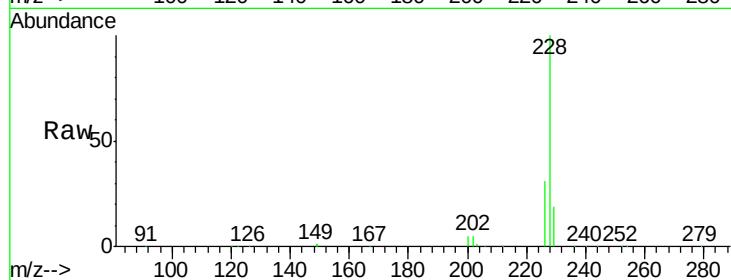
Tgt Ion:228 Resp: 196099

Ion Ratio Lower Upper

228 100

226 31.3 24.0 36.0

229 19.1 16.0 24.0

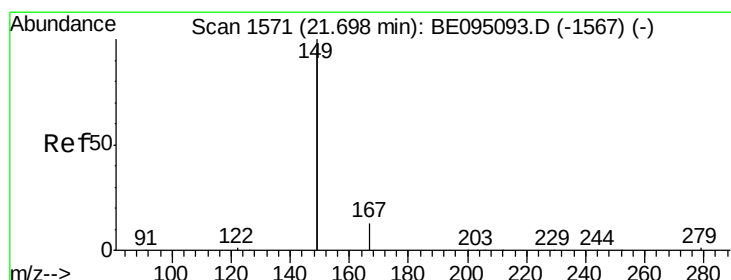
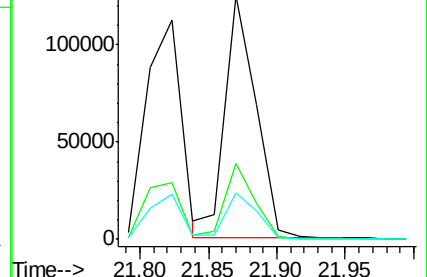
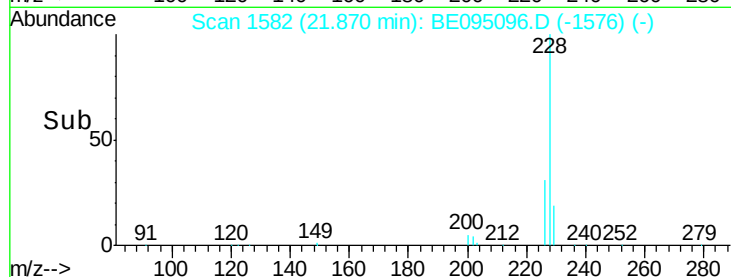


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.87



#32

Bis(2-ethylhexyl)phthalate

Concen: 4.440 ng

RT: 21.70 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

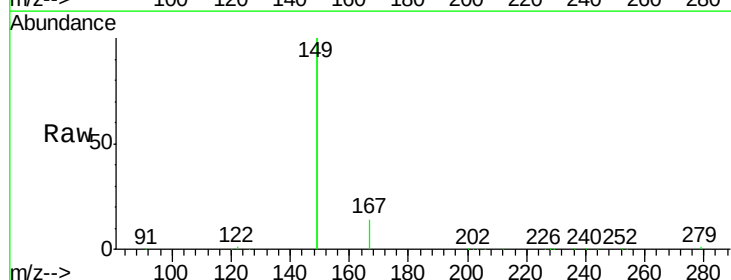
Tgt Ion:149 Resp: 326432

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

279 0.8 0.7 1.1

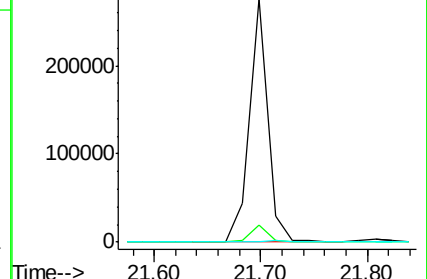
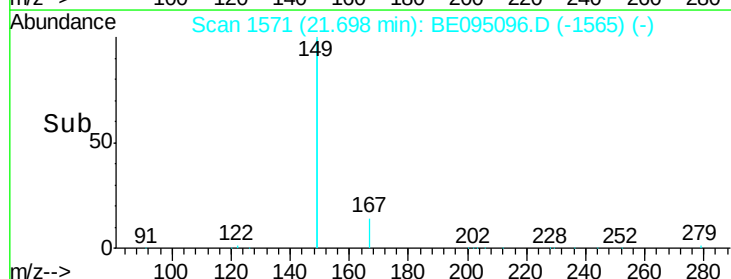


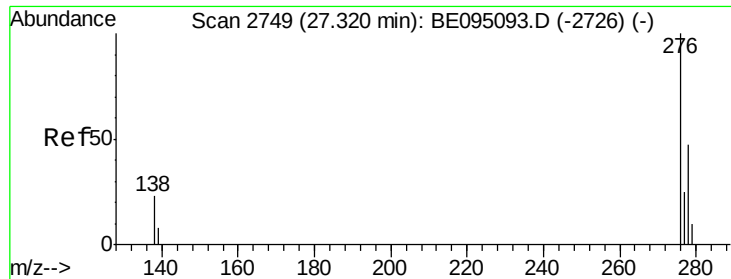
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.70





#33

Indeno(1,2,3-cd)pyrene

Concen: 3.452 ng

RT: 27.32 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

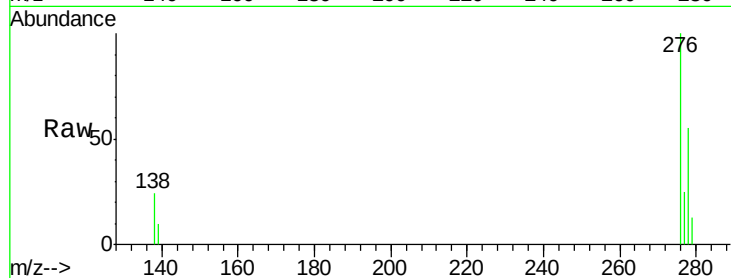
Tgt Ion:276 Resp: 182525

Ion Ratio Lower Upper

276 100

138 25.5 22.5 33.7

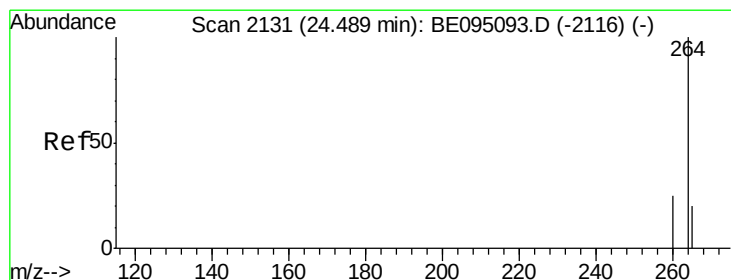
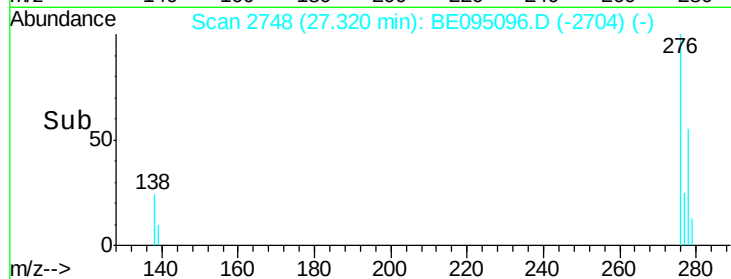
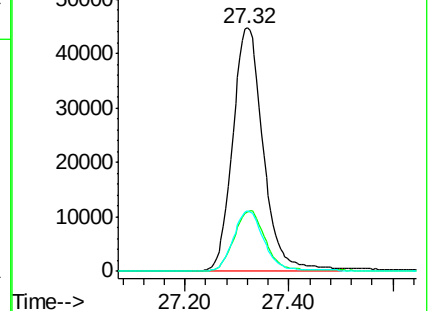
277 24.7 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.49 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

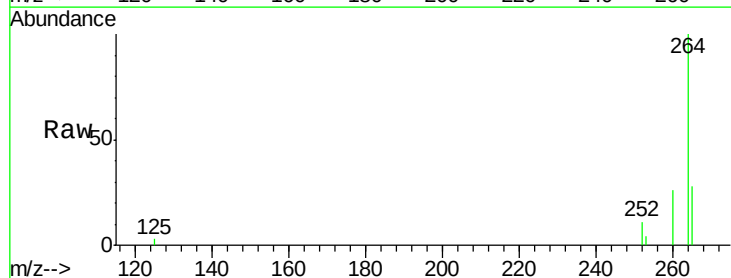
Tgt Ion:264 Resp: 15359

Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

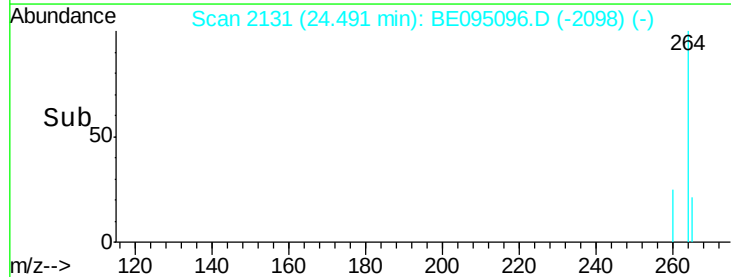
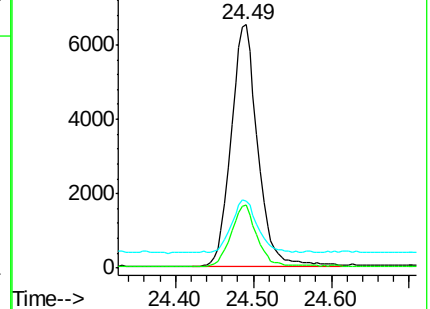
265 27.5 22.8 34.2

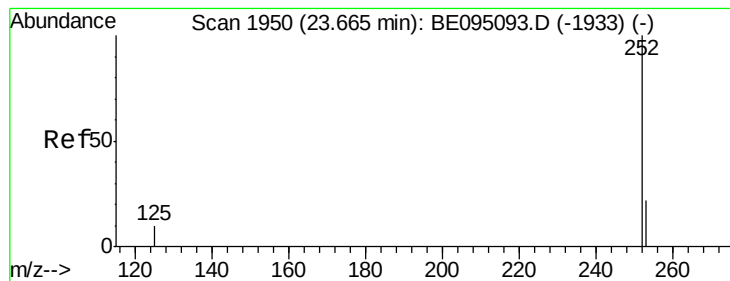


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.161 ng

RT: 23.67 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

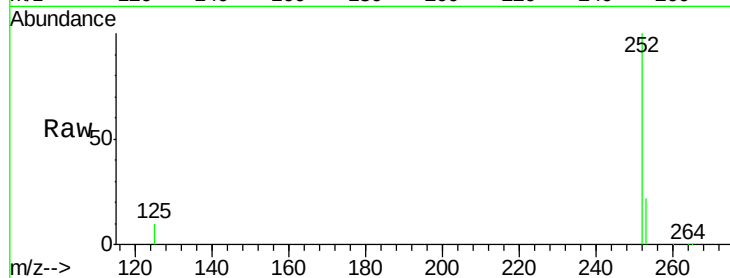
Tgt Ion:252 Resp: 178321

Ion Ratio Lower Upper

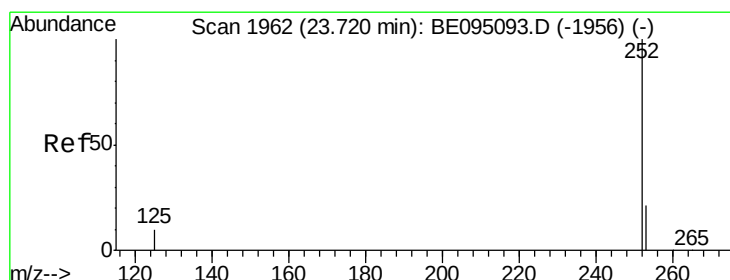
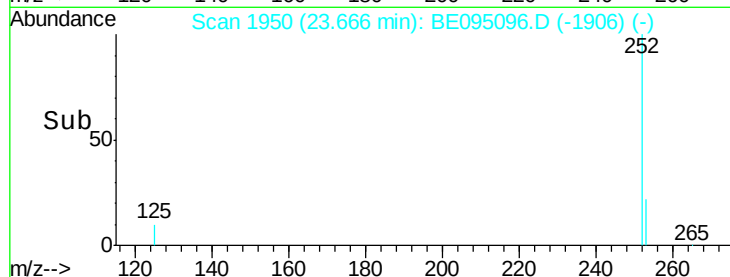
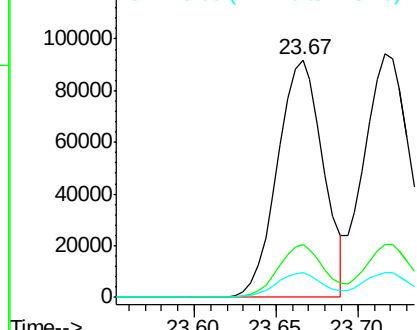
252 100

253 22.2 20.0 30.0

125 10.4 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: 3.376 ng

RT: 23.72 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

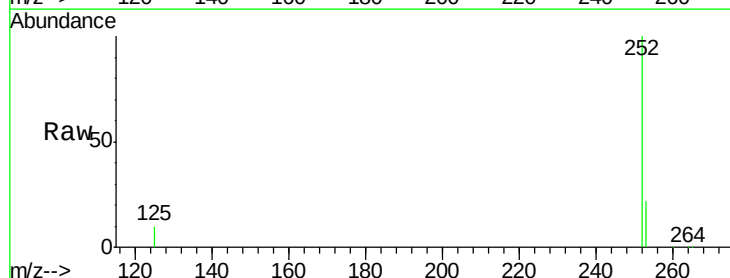
Tgt Ion:252 Resp: 192915

Ion Ratio Lower Upper

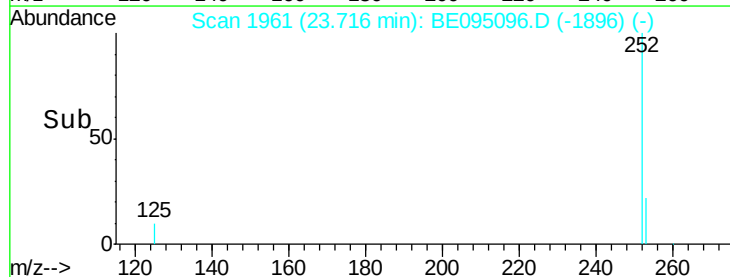
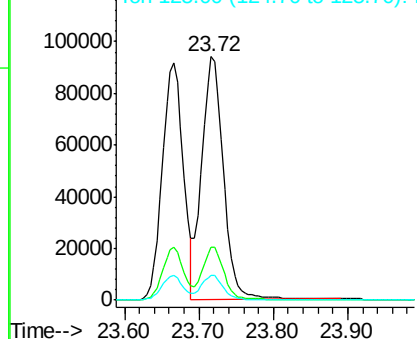
252 100

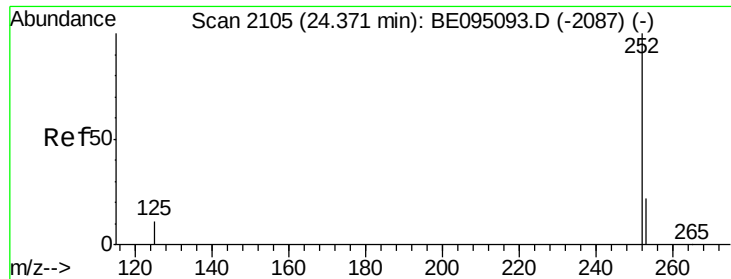
253 21.6 16.0 24.0

125 10.3 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: 3.323 ng

RT: 24.37 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

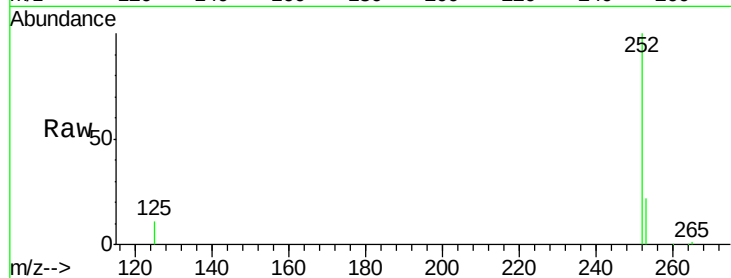
Tgt Ion: 252 Resp: 166311

Ion Ratio Lower Upper

252 100

253 21.9 16.0 24.0

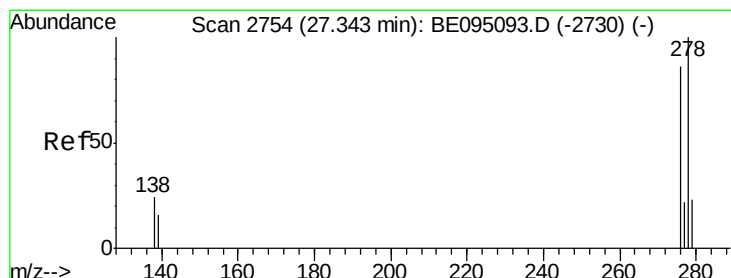
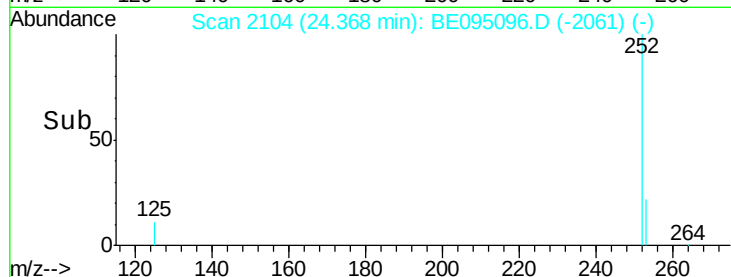
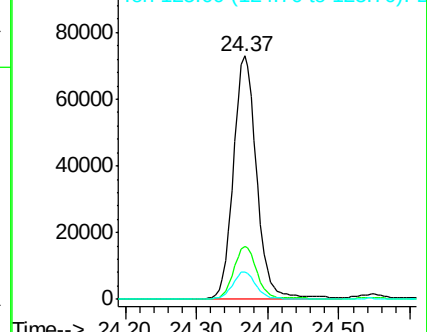
125 11.4 12.0 18.0#



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: 3.257 ng

RT: 27.34 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BE095096.D

Acq: 23 Jan 2018 14:18

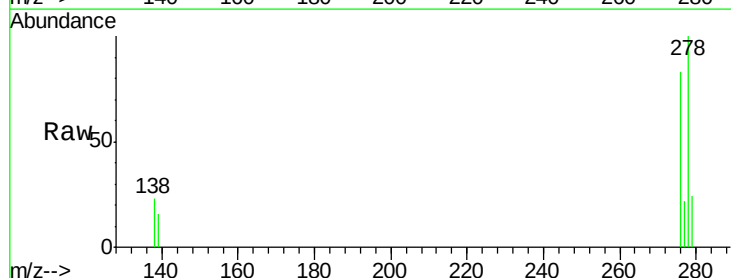
Tgt Ion: 278 Resp: 151130

Ion Ratio Lower Upper

278 100

139 16.3 16.0 24.0

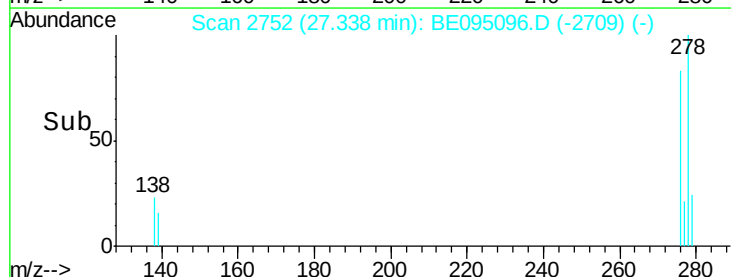
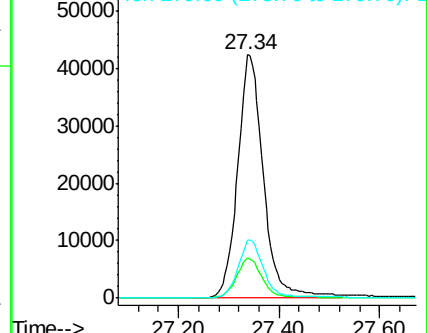
279 23.8 20.0 30.0

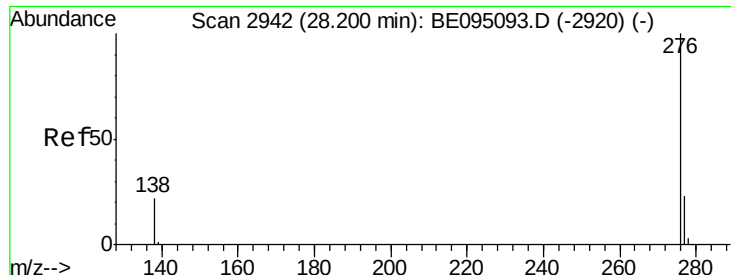


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 3.317 ng

RT: 28.20 min Scan# 2941

Delta R.T. -0.00 min

Lab File: BE095096.D

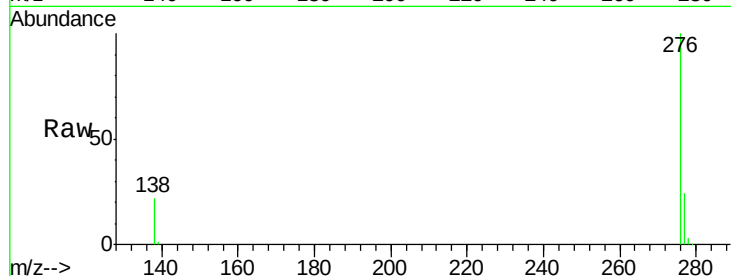
Acq: 23 Jan 2018 14:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2



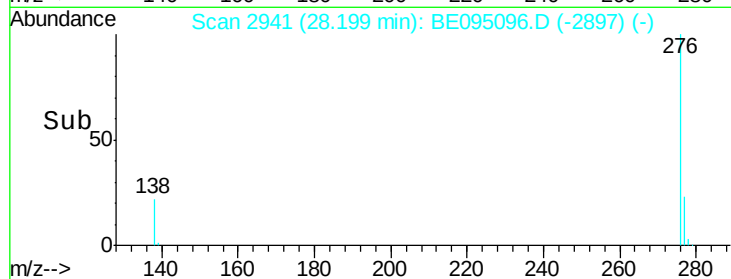
Tgt Ion: 276 Resp: 153280

Ion Ratio Lower Upper

276 100

277 23.6 16.0 24.0

138 21.9 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

