

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE020618\
 Data File : BE095533.D
 Acq On : 6 Feb 2018 17:27
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Feb 06 20:03:47 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE020618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 19:56:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1099	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4268	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2408	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5887	0.40	ng	0.00
27) Chrysene-d12	21.79	240	6170	0.40	ng	0.00
34) Perylene-d12	24.43	264	5739	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.92	112	636	0.36	ng	0.00
5) Phenol-d6	7.56	99	887	0.33	ng	0.00
8) Nitrobenzene-d5	9.61	82	915	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	1400	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	204	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	2116	0.20	ng	0.00
25) Fluoranthene-d10	19.69	212	14993	0.20	ng	0.00
29) Terphenyl-d14	20.25	244	2598	0.21	ng	0.00

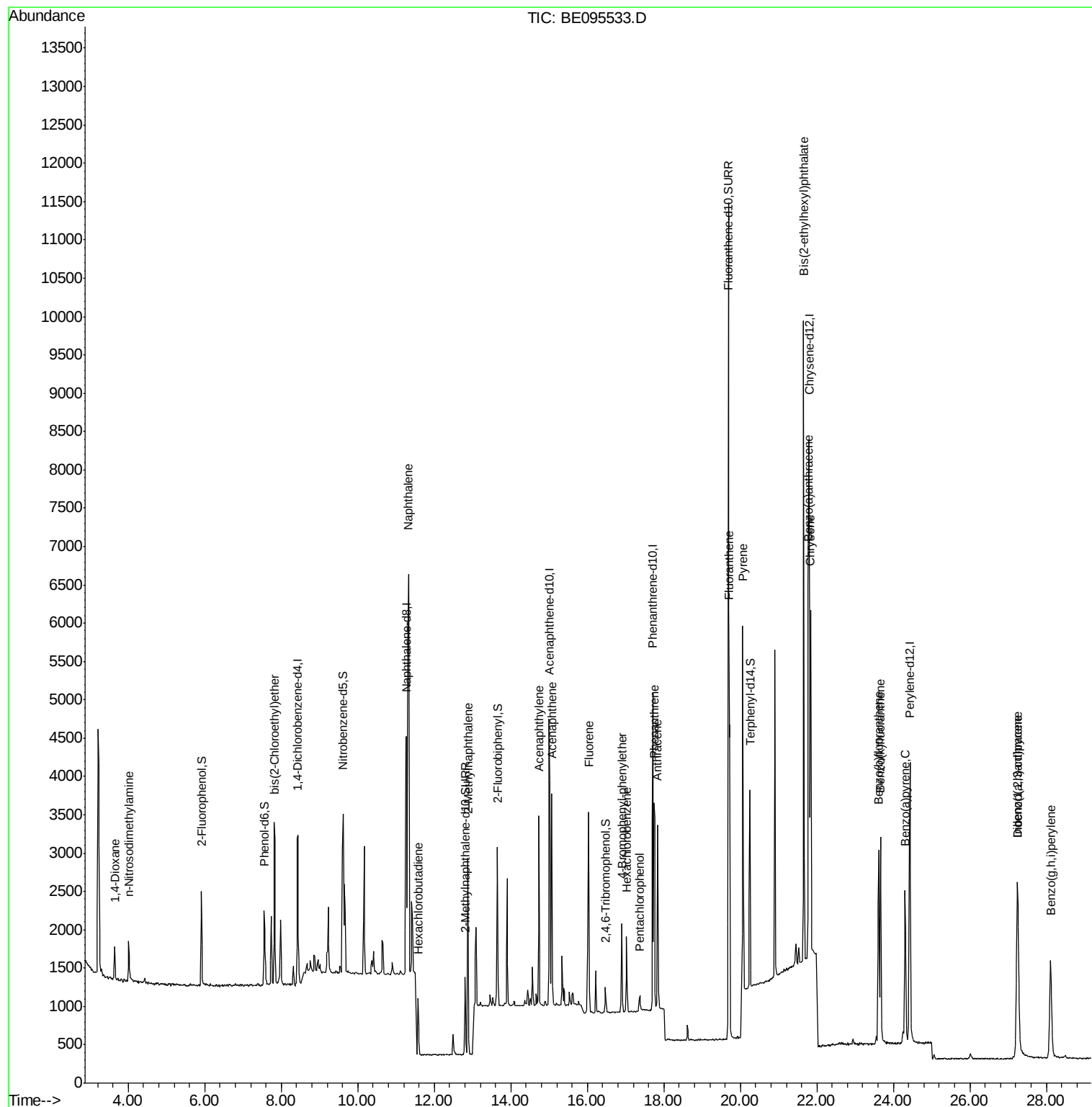
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	334	0.309	ng	95
3) n-Nitrosodimethylamine	4.01	42	418	0.324	ng	# 84
6) bis(2-Chloroethyl)ether	7.83	93	825	0.328	ng	94
9) Naphthalene	11.33	128	9925	0.203	ng	99
10) Hexachlorobutadiene	11.58	225	493	0.225	ng	95
12) 2-Methylnaphthalene	12.88	142	1677	0.200	ng	95
16) Acenaphthylene	14.73	152	2687	0.208	ng	98
17) Acenaphthene	15.07	154	1691	0.202	ng	92
18) Fluorene	16.04	166	2142	0.204	ng	# 78
20) 4-Bromophenyl-phenylether	16.91	248	678	0.196	ng	# 72
21) Hexachlorobenzene	17.03	284	736	0.212	ng	# 83
22) Pentachlorophenol	17.37	266	149	0.185	ng	88
23) Phenanthrene	17.74	178	3577	0.197	ng	99
24) Anthracene	17.83	178	3232	0.199	ng	97
26) Fluoranthene	19.72	202	4456	0.204	ng	97
28) Pyrene	20.06	202	5350	0.205	ng	99
30) Benzo(a)anthracene	21.78	228	4098	0.212	ng	99
31) Chrysene	21.84	228	4024	0.206	ng	99
32) Bis(2-ethylhexyl)phthalate	21.65	149	9285	0.346	ng	100
33) Indeno(1,2,3-cd)pyrene	27.23	276	3875	0.218	ng	# 93
35) Benzo(b)fluoranthene	23.61	252	3789	0.186	ng	# 93
36) Benzo(k)fluoranthene	23.66	252	3922	0.188	ng	# 89
37) Benzo(a)pyrene	24.31	252	3532	0.189	ng	# 91
38) Dibenzo(a,h)anthracene	27.26	278	2954	0.188	ng	# 94
39) Benzo(g,h,i)perylene	28.11	276	3351	0.197	ng	# 91

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

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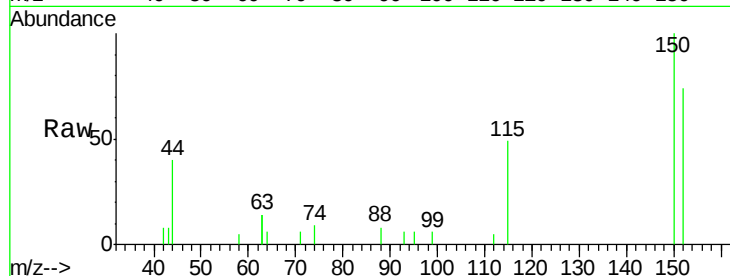


#1

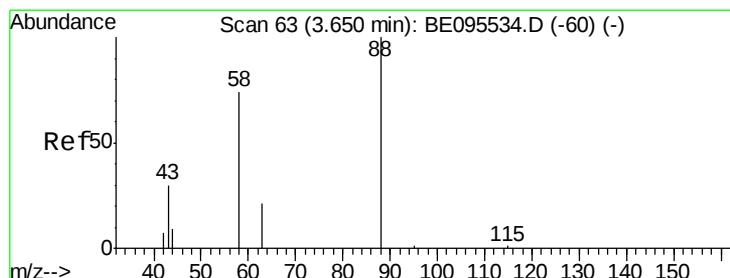
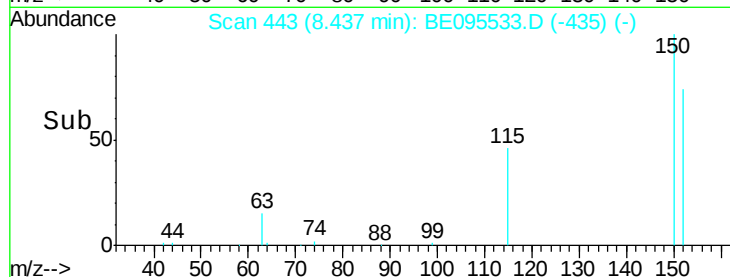
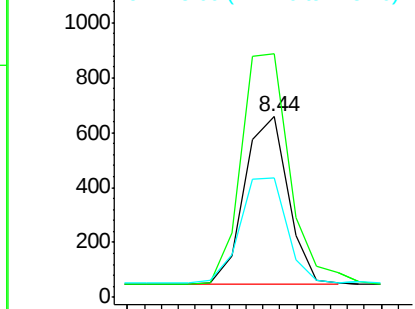
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.44 min Scan# 443
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion: 152 Resp: 1099
Ion Ratio Lower Upper
152 100
150 135.0 117.2 175.8
115 66.2 57.0 85.6



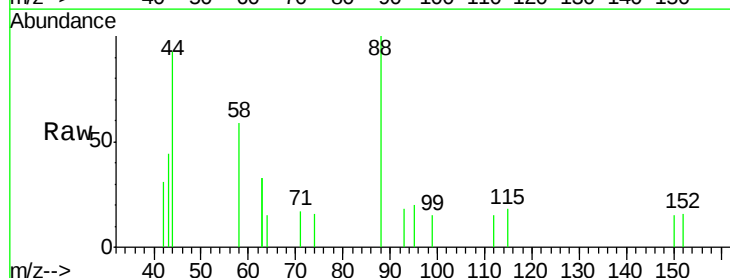
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



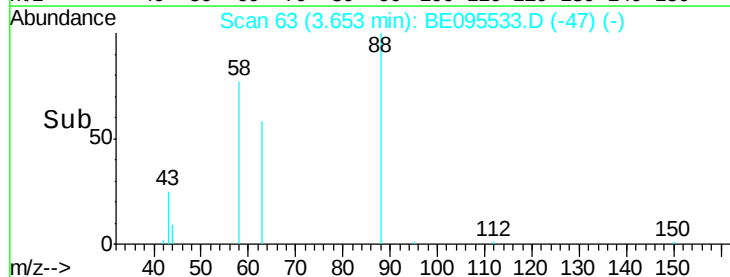
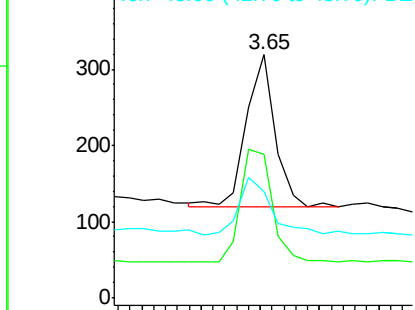
#2

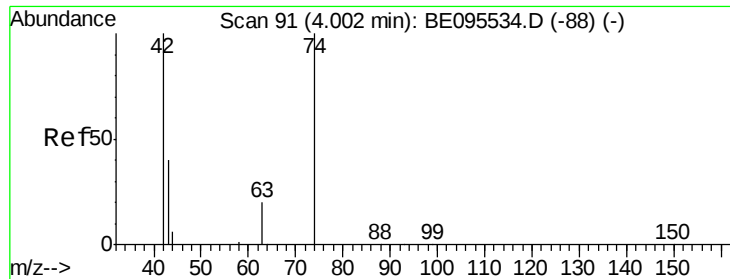
1,4-Dioxane
Concen: 0.309 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095533.D
Acq: 6 Feb 2018 17:27

Tgt Ion: 88 Resp: 334
Ion Ratio Lower Upper
88 100
58 82.0 63.2 94.8
43 45.8 41.2 61.8



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





#3

n-Nitrosodimethylamine

Concen: 0.324 ng

RT: 4.01 min Scan# 91

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

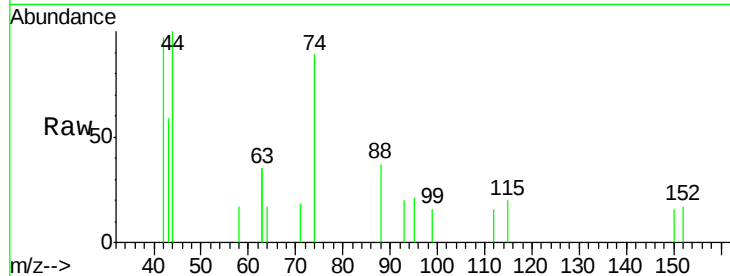
Tgt Ion: 42 Resp: 418

Ion Ratio Lower Upper

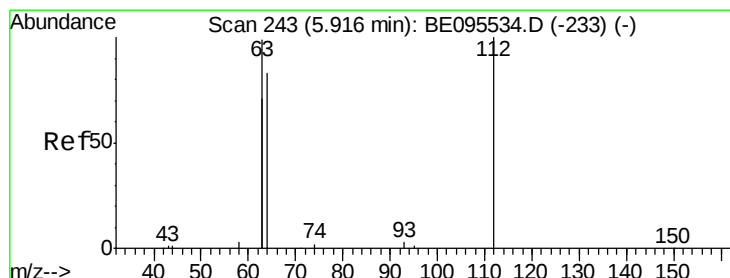
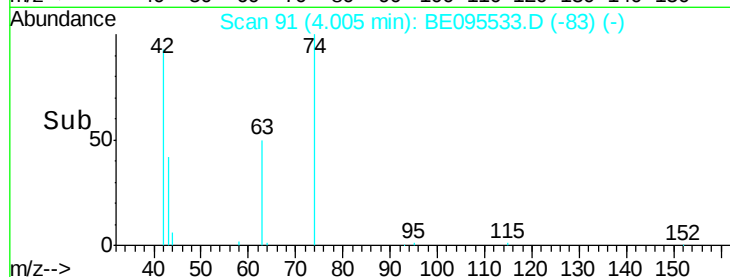
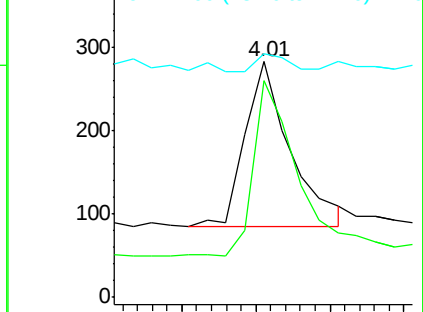
42 100

74 102.6 96.0 144.0

44 8.4 12.0 18.0#



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



#4

2-Fluorophenol

Concen: 0.358 ng

RT: 5.92 min Scan# 243

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

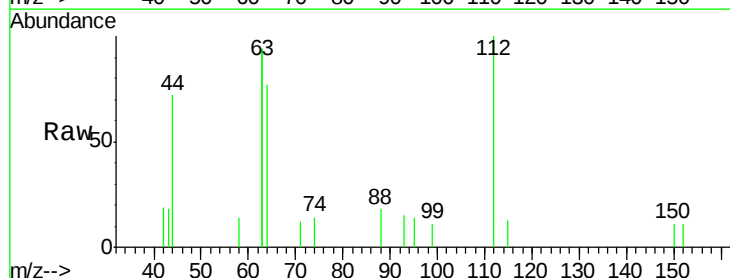
Tgt Ion: 112 Resp: 636

Ion Ratio Lower Upper

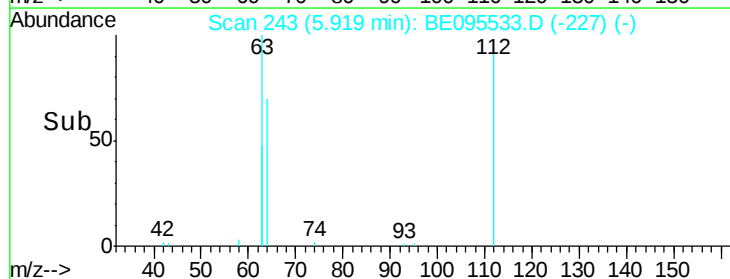
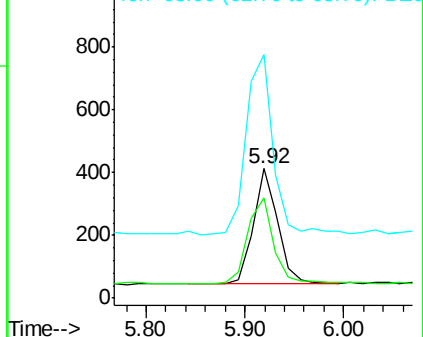
112 100

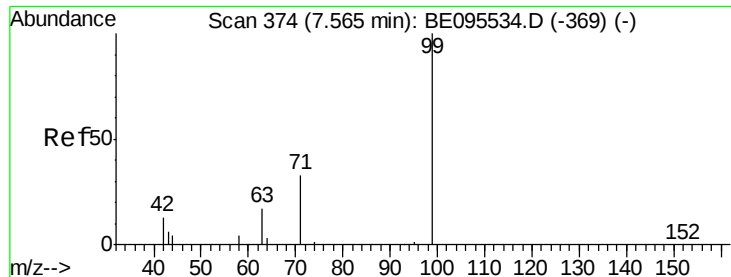
64 78.6 60.1 90.1

63 172.0 116.8 175.2



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





#5

Phenol-d6

Concen: 0.329 ng

RT: 7.56 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

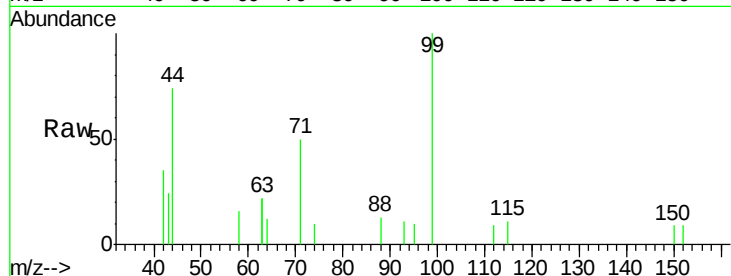
Tgt Ion: 99 Resp: 887

Ion Ratio Lower Upper

99 100

42 25.4 20.2 30.2

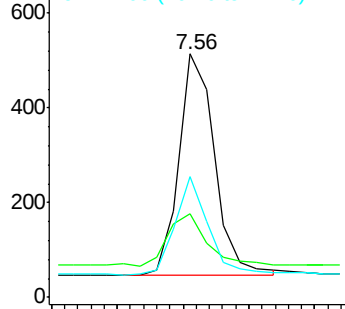
71 41.7 28.4 42.6



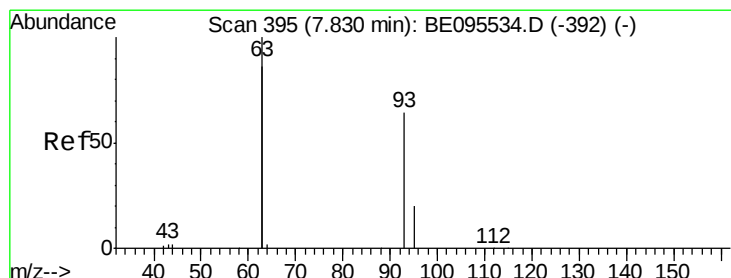
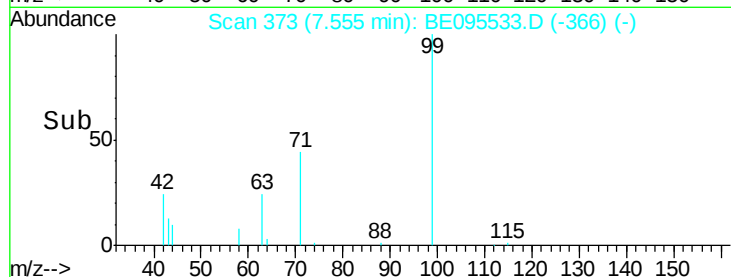
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 7.45 7.50 7.55 7.60 7.65



#6

bis(2-Chloroethyl)ether

Concen: 0.328 ng

RT: 7.83 min Scan# 395

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

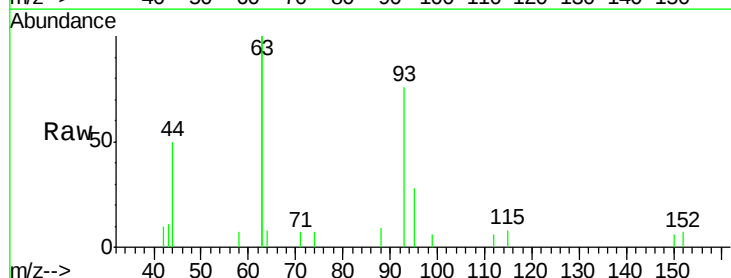
Tgt Ion: 93 Resp: 825

Ion Ratio Lower Upper

93 100

63 330.3 275.3 412.9

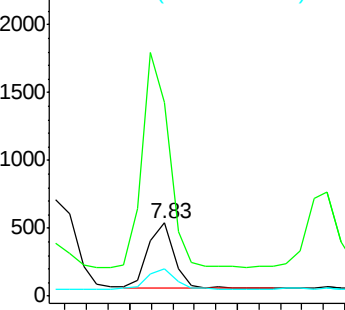
95 34.2 25.2 37.8



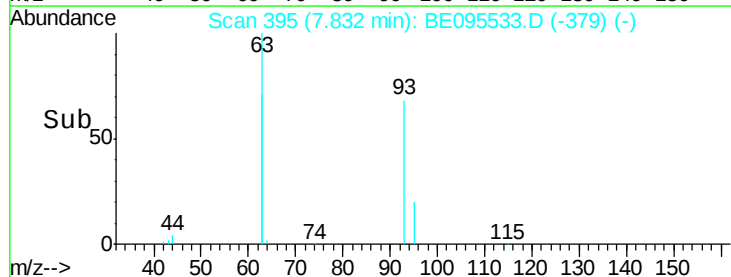
Abundance Ion 93.00 (92.70 to 93.70): BE0

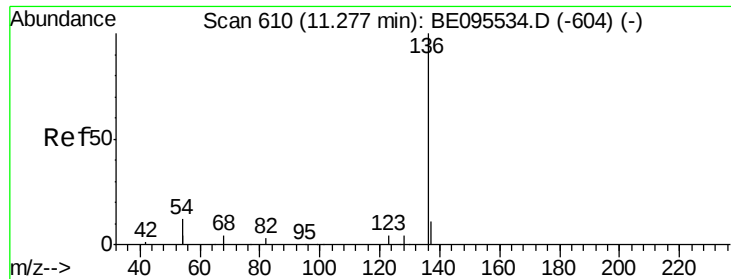
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.80 7.90





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.28 min Scan# 610

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tgt Ion:136 Resp: 4268

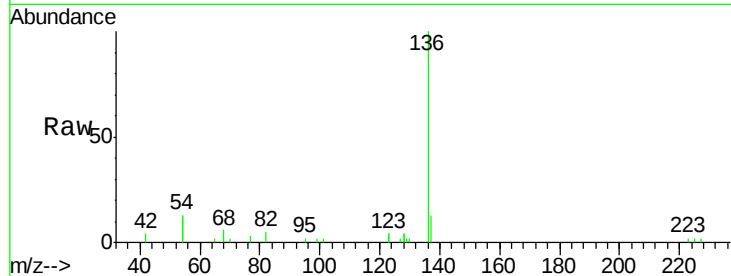
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 25.2 29.1 43.7#

68 5.8 6.2 9.2#

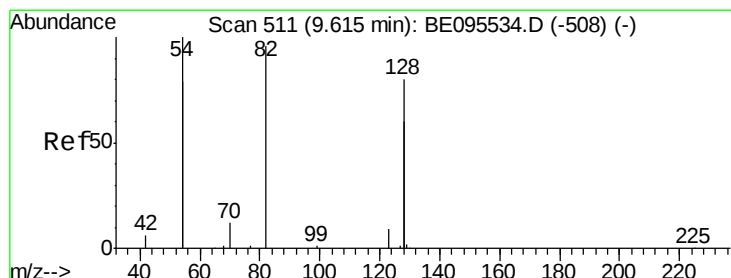
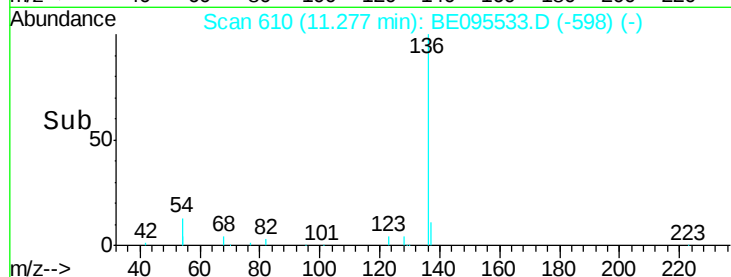
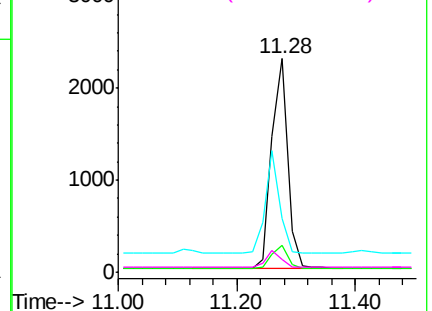


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.236 ng

RT: 9.61 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

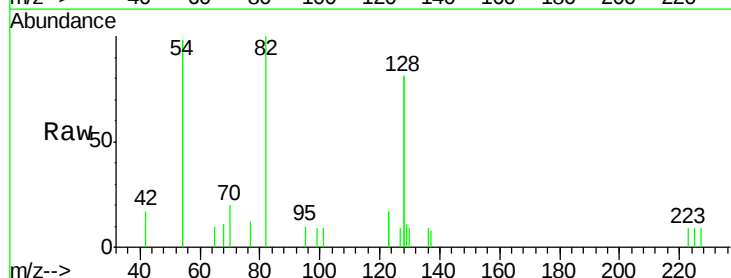
Tgt Ion: 82 Resp: 915

Ion Ratio Lower Upper

82 100

128 162.8 150.0 225.0

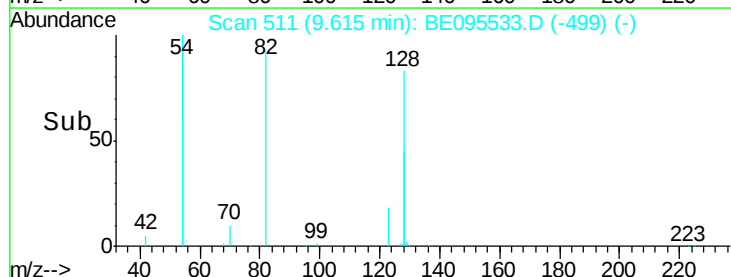
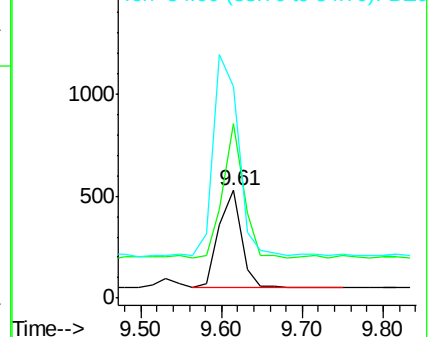
54 197.0 154.2 231.4

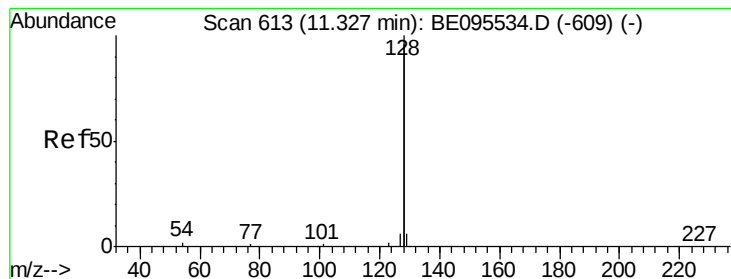


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.203 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

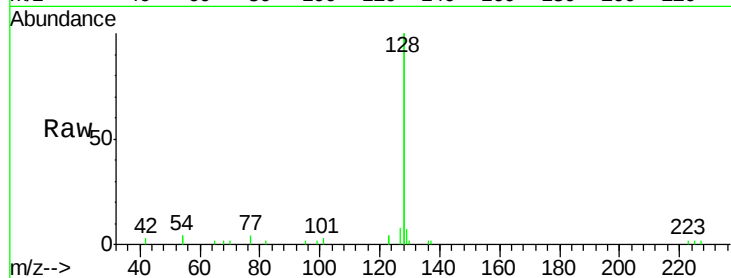
Tgt Ion:128 Resp: 9925

Ion Ratio Lower Upper

128 100

129 3.7 2.6 3.8

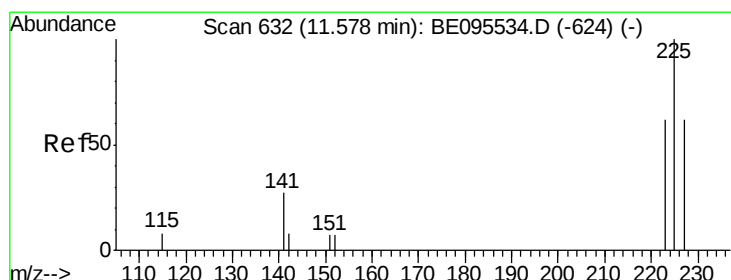
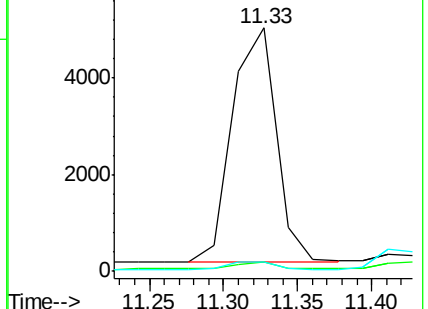
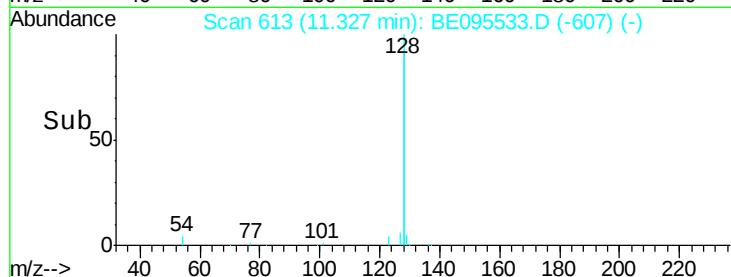
127 3.8 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.225 ng

RT: 11.58 min Scan# 632

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

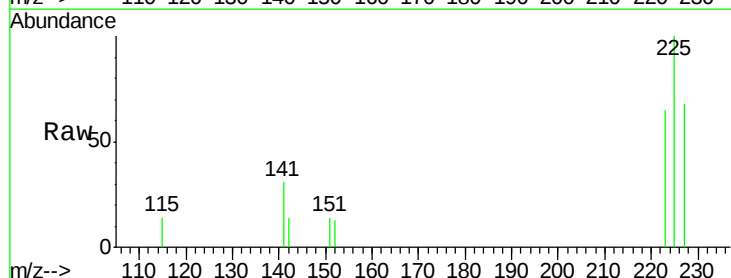
Tgt Ion:225 Resp: 493

Ion Ratio Lower Upper

225 100

223 60.9 53.0 79.6

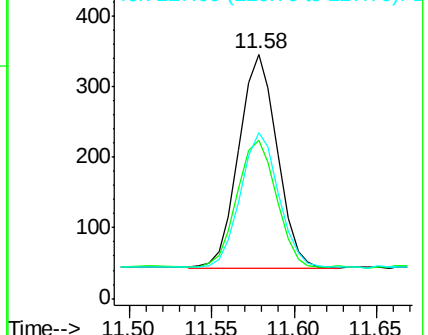
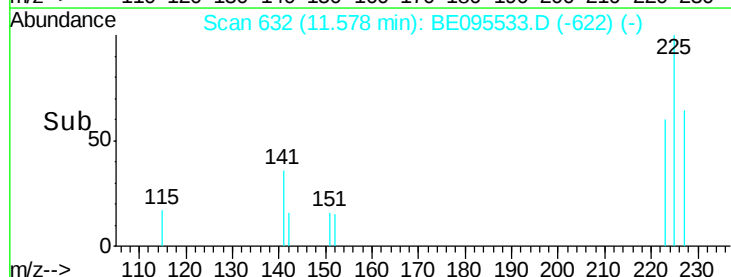
227 62.5 51.4 77.2

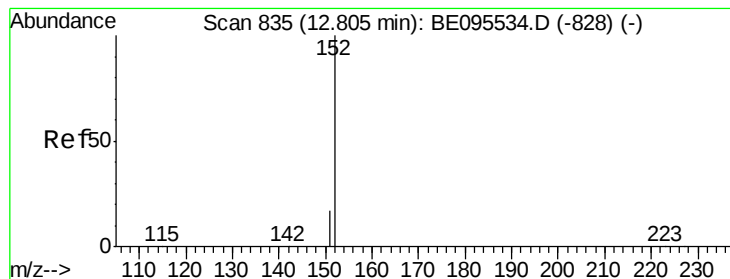


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.198 ng

RT: 12.80 min Scan# 835

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

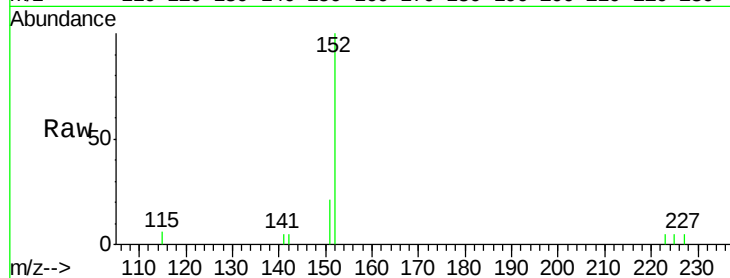
SSTDIC0.2

Tgt Ion:152 Resp: 1400

Ion Ratio Lower Upper

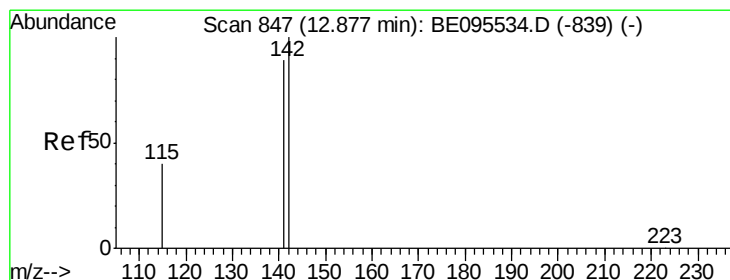
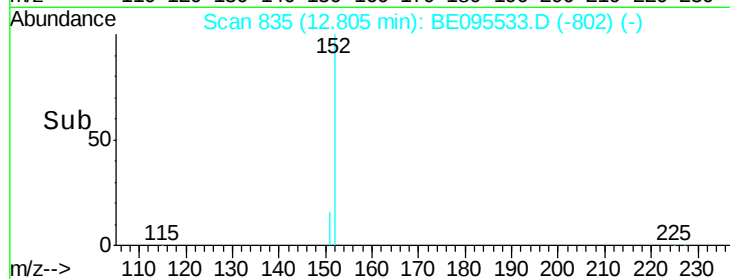
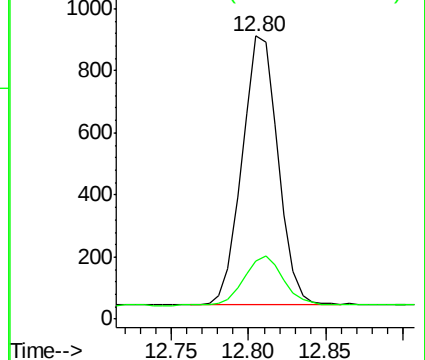
152 100

151 20.4 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: 0.200 ng

RT: 12.88 min Scan# 847

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

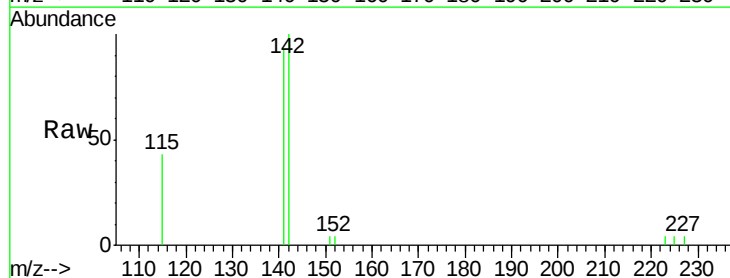
Tgt Ion:142 Resp: 1677

Ion Ratio Lower Upper

142 100

141 92.8 70.4 105.6

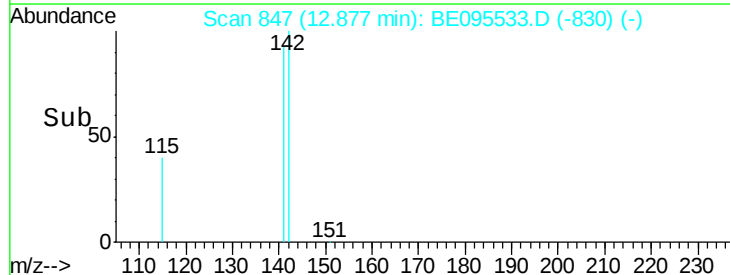
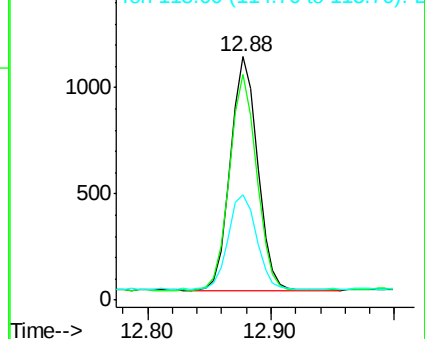
115 43.1 31.7 47.5

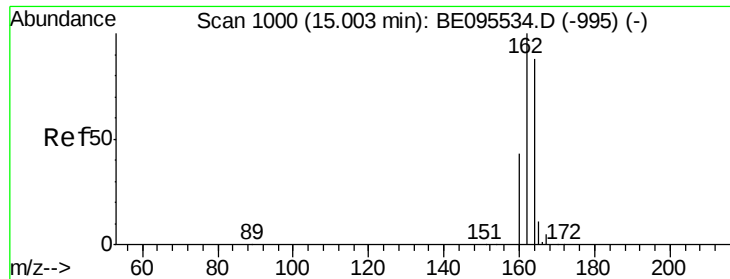


Abundance Ion 142.00 (141.70 to 142.70): E

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: 15.00 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

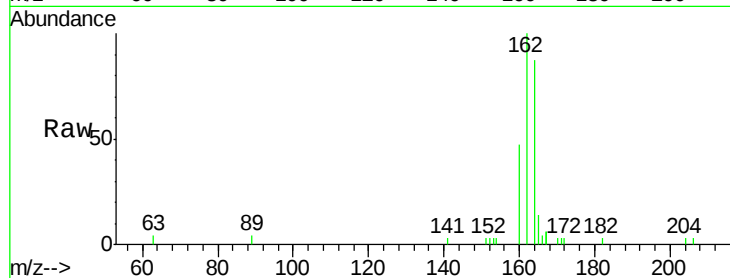
Tgt Ion:164 Resp: 2408

Ion Ratio Lower Upper

164 100

162 115.3 83.1 124.7

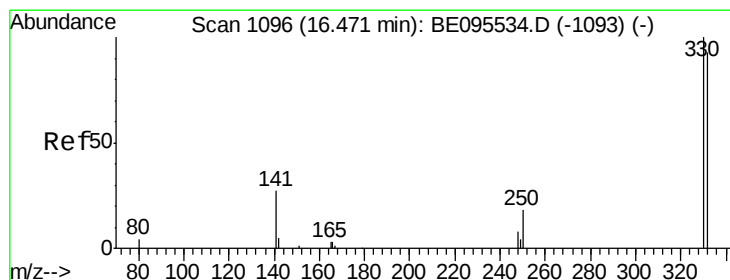
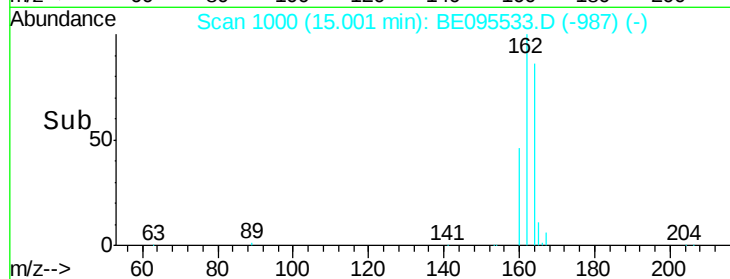
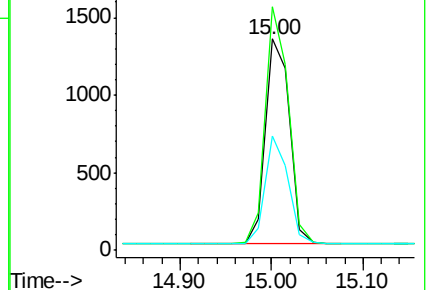
160 54.4 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.349 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

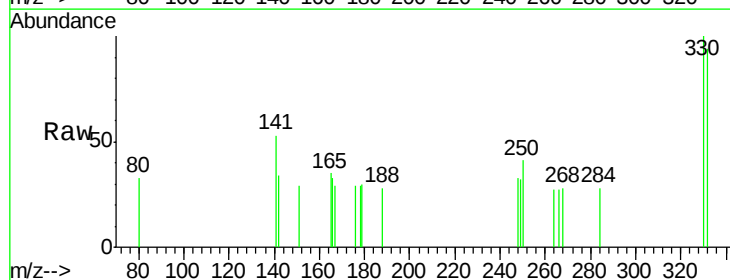
Tgt Ion:330 Resp: 204

Ion Ratio Lower Upper

330 100

332 93.6 152.7 229.1#

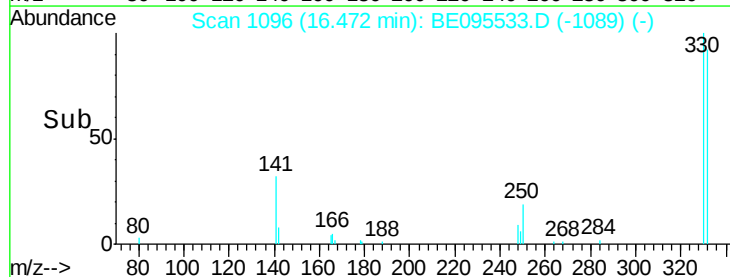
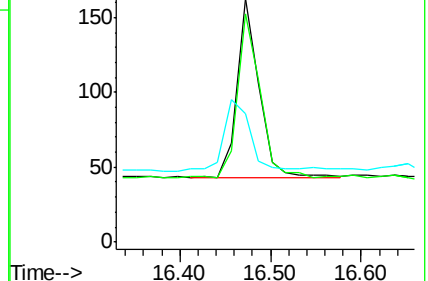
141 49.0 33.7 50.5

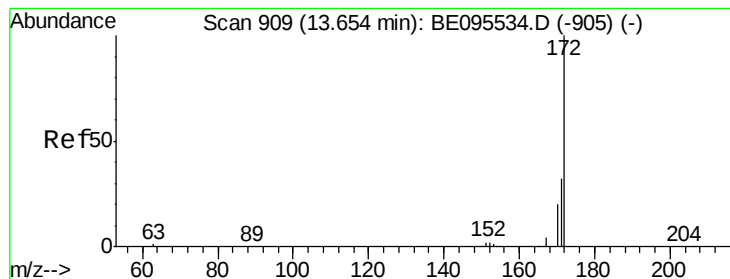


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.200 ng

RT: 13.65 min Scan# 909

Delta R.T. -0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

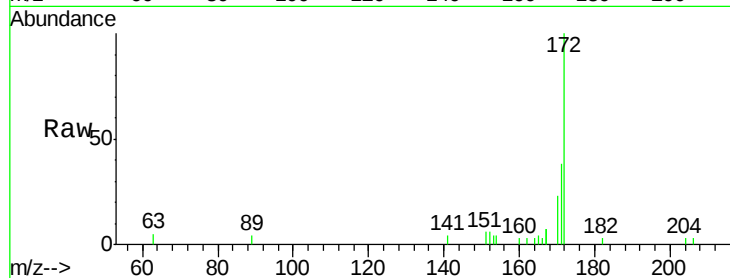
Tgt Ion:172 Resp: 2116

Ion Ratio Lower Upper

172 100

171 37.6 29.9 44.9

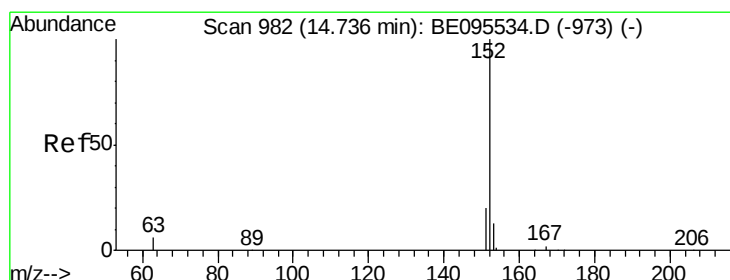
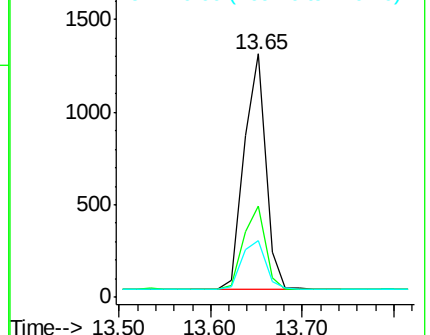
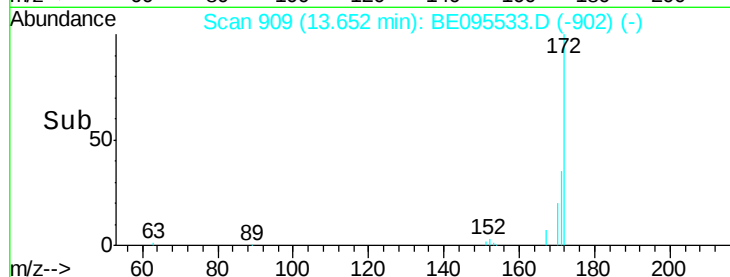
170 23.1 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.208 ng

RT: 14.73 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

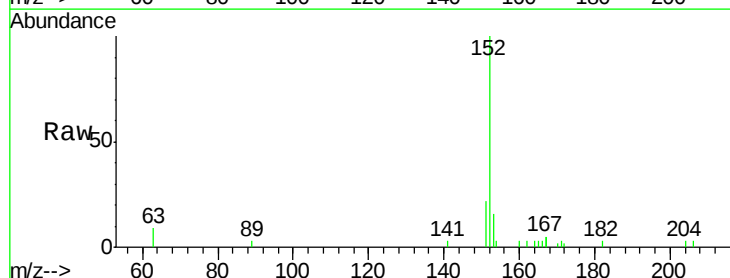
Tgt Ion:152 Resp: 2687

Ion Ratio Lower Upper

152 100

151 20.2 15.7 23.5

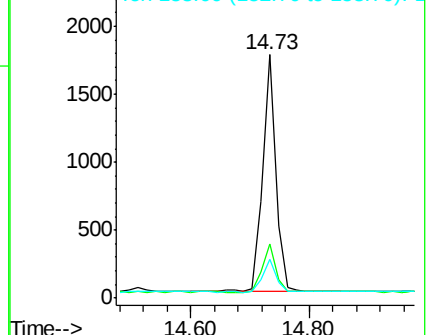
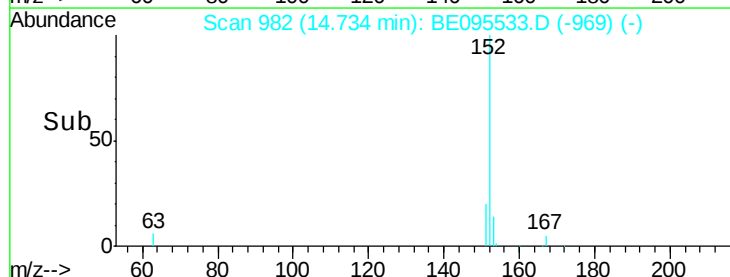
153 14.1 10.5 15.7

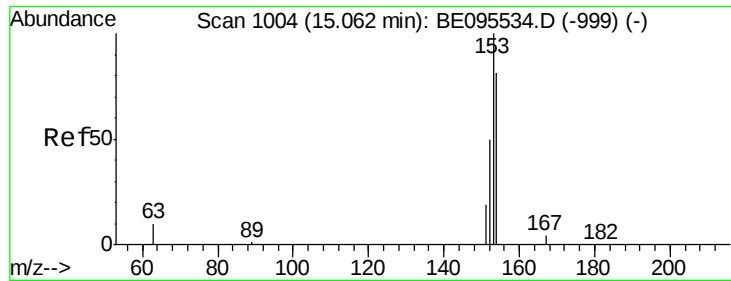


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.202 ng

RT: 15.07 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

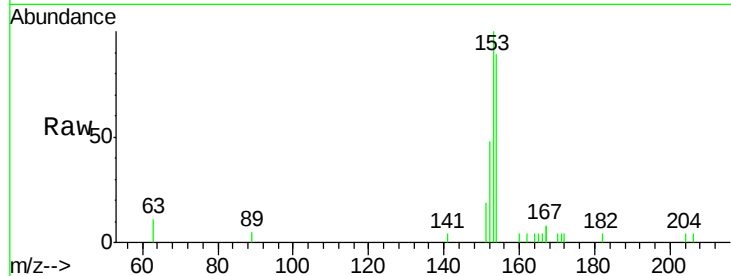
Tgt Ion:154 Resp: 1691

Ion Ratio Lower Upper

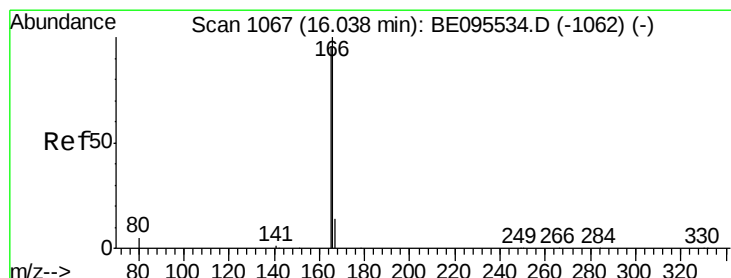
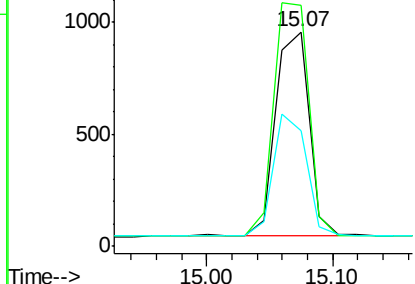
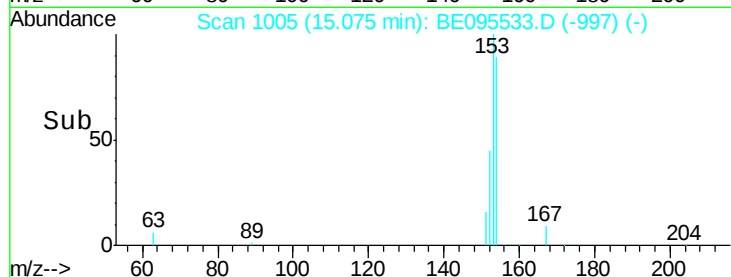
154 100

153 119.0 89.2 133.8

152 58.7 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.204 ng

RT: 16.04 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

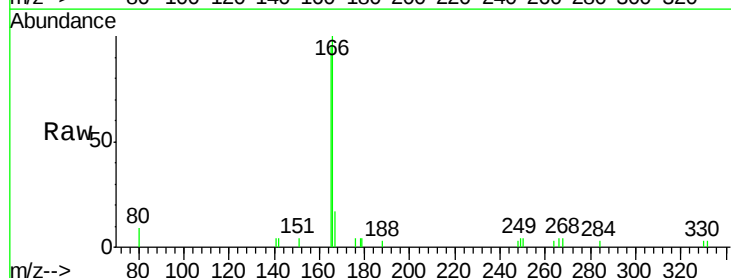
Tgt Ion:166 Resp: 2142

Ion Ratio Lower Upper

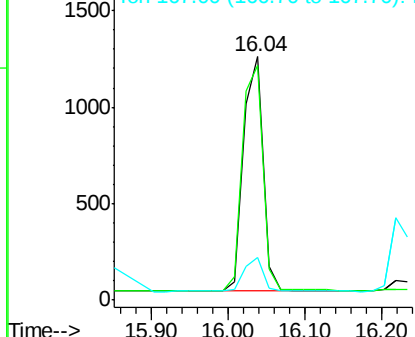
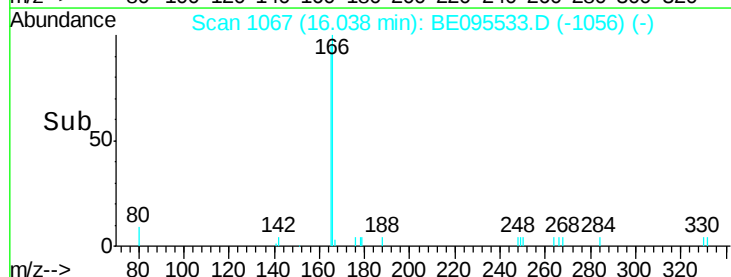
166 100

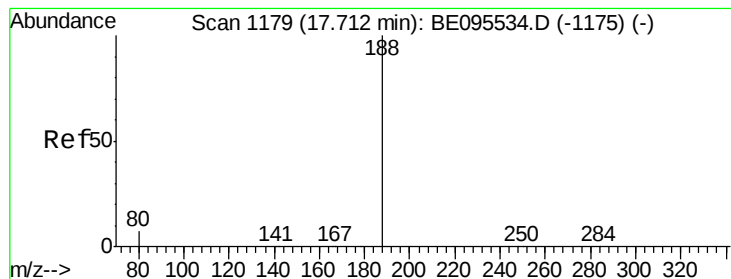
165 101.7 77.8 116.6

167 14.0 42.4 63.6#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

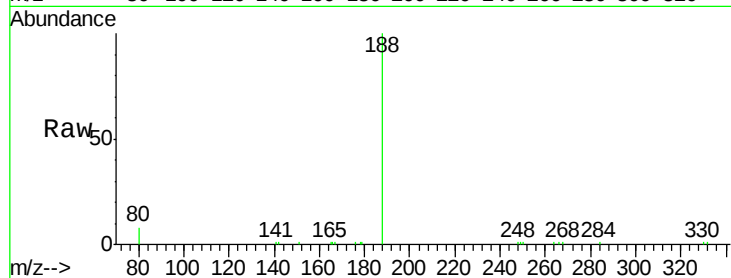
Tgt Ion:188 Resp: 5887

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

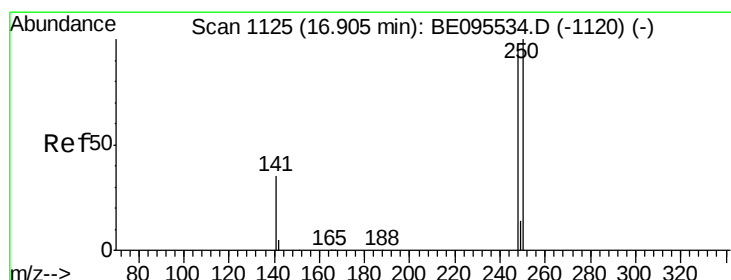
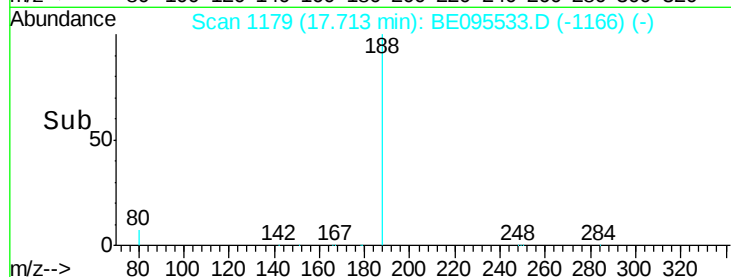
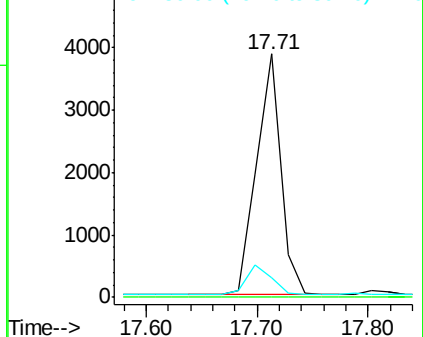
80 8.2 3.6 5.4#



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: 0.196 ng

RT: 16.91 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

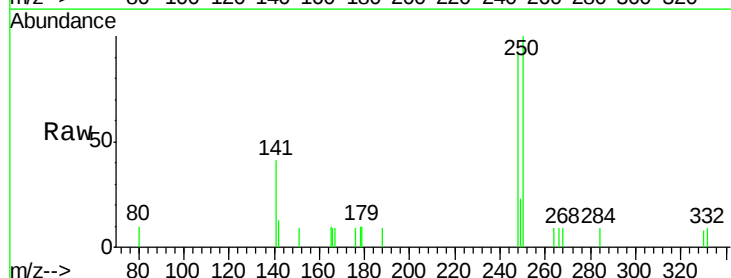
Tgt Ion:248 Resp: 678

Ion Ratio Lower Upper

248 100

250 108.5 62.7 94.1#

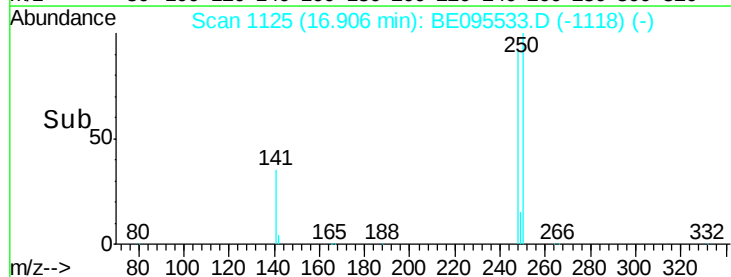
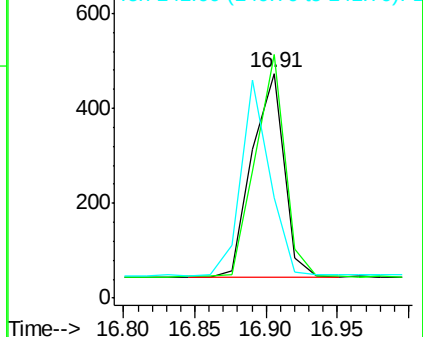
141 44.8 48.2 72.2#

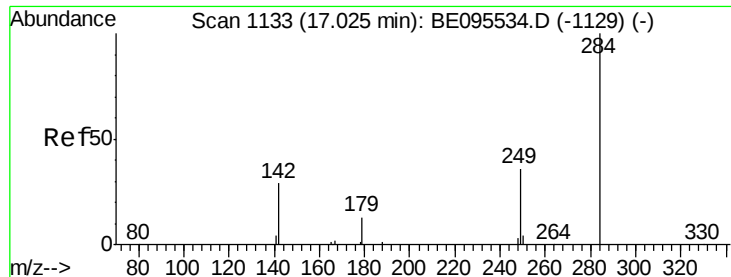


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.212 ng

RT: 17.03 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

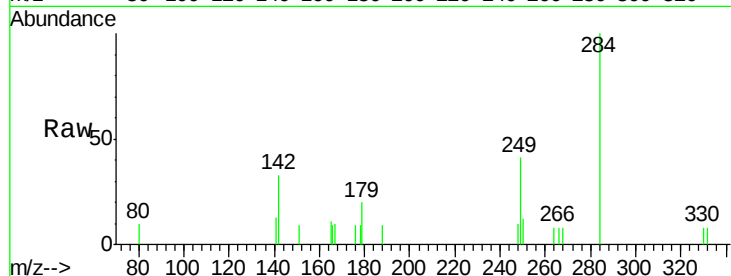
Tgt Ion:284 Resp: 736

Ion Ratio Lower Upper

284 100

142 39.8 22.1 33.1#

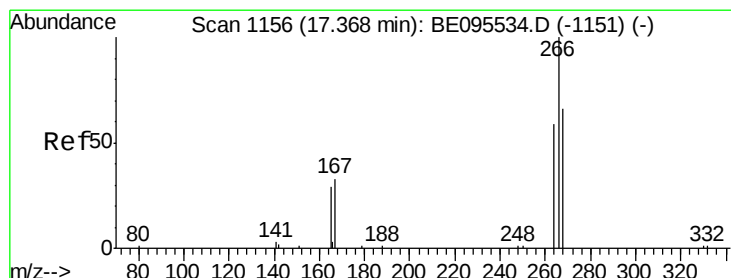
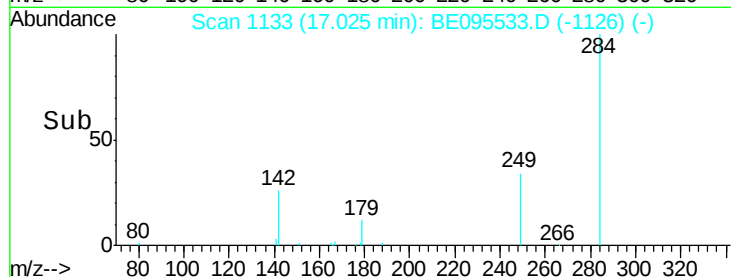
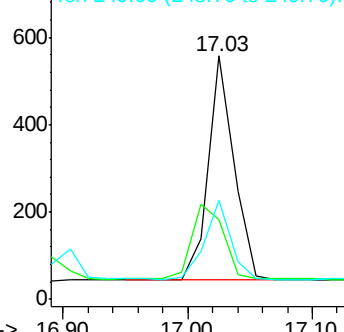
249 35.2 34.8 52.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.185 ng

RT: 17.37 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

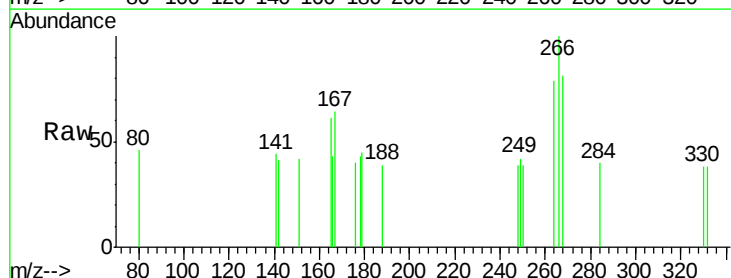
Tgt Ion:266 Resp: 149

Ion Ratio Lower Upper

266 100

264 78.9 72.5 108.7

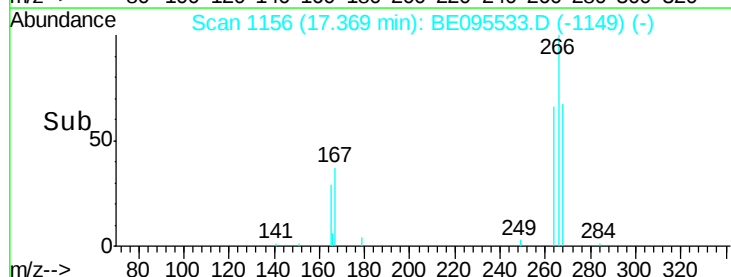
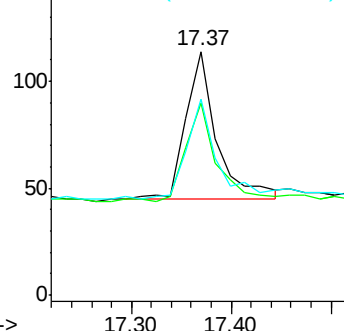
268 80.7 73.8 110.6

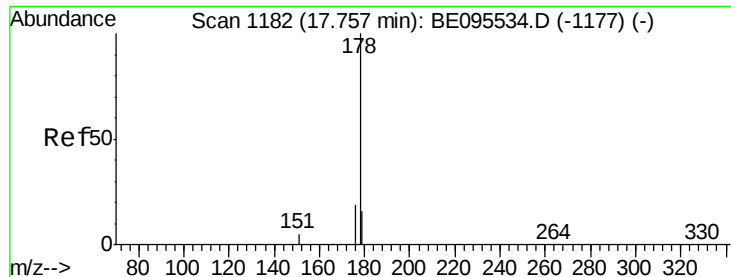


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.197 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

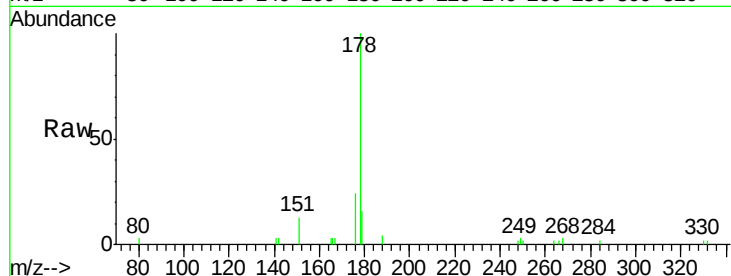
Tgt Ion:178 Resp: 3577

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

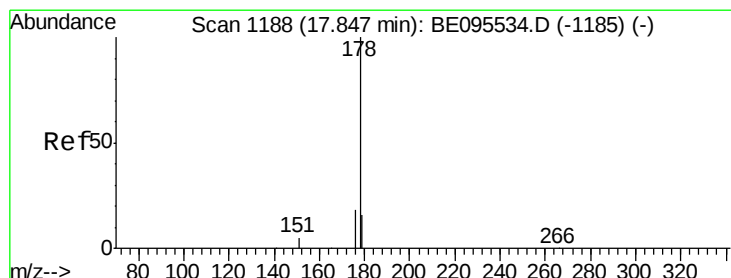
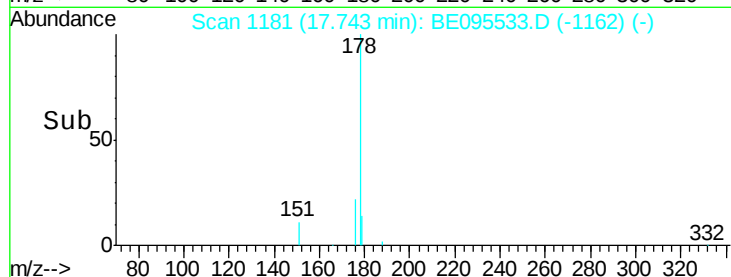
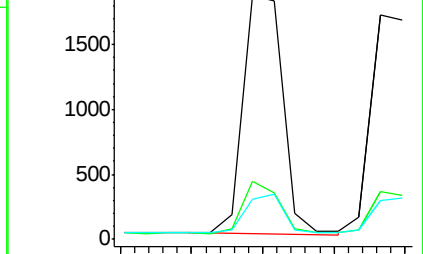
179 14.9 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.199 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

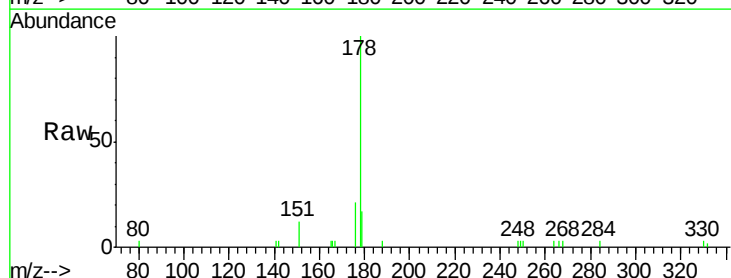
Tgt Ion:178 Resp: 3232

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

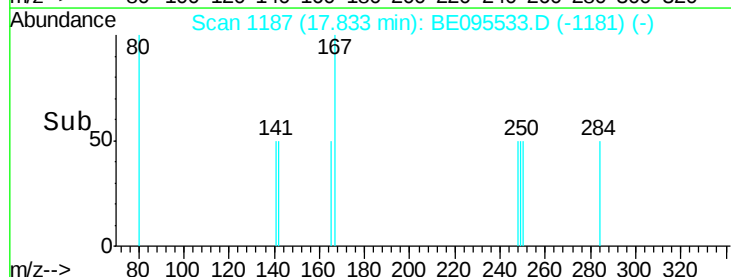
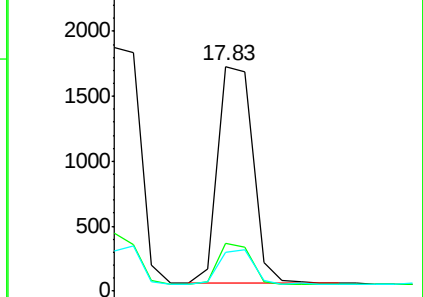
179 16.1 13.0 19.6

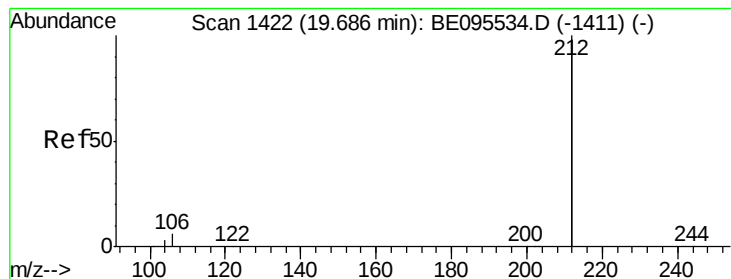


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.202 ng

RT: 19.69 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

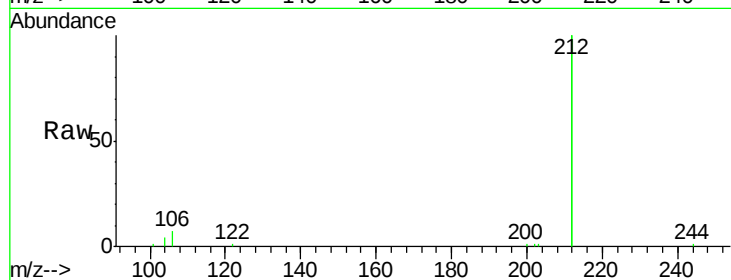
Tgt Ion:212 Resp: 14993

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

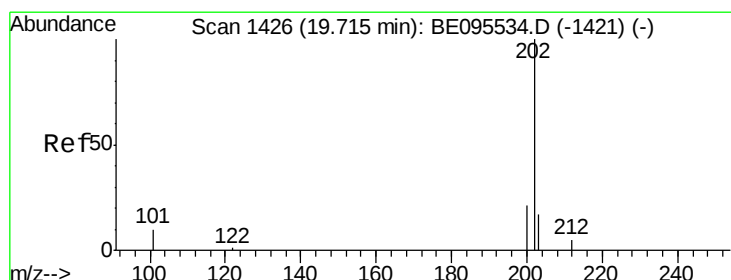
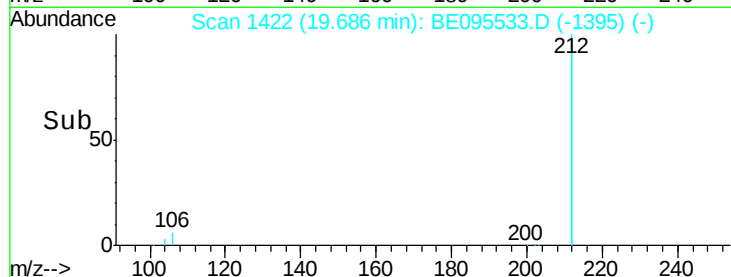
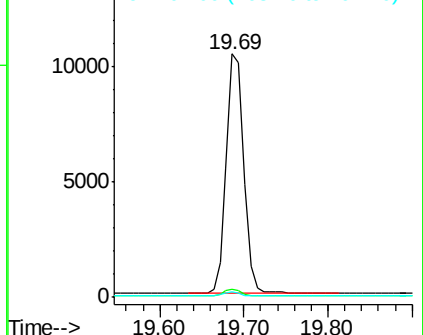
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.204 ng

RT: 19.72 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

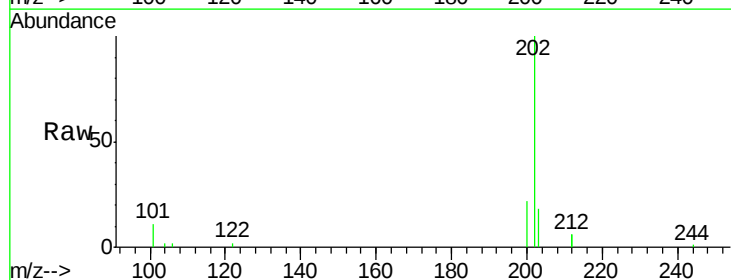
Tgt Ion:202 Resp: 4456

Ion Ratio Lower Upper

202 100

101 10.2 9.8 14.8

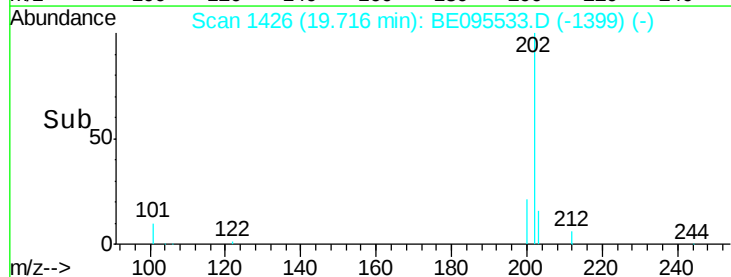
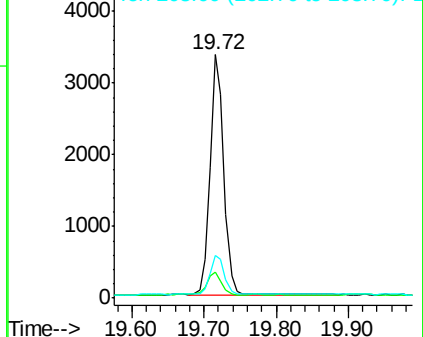
203 16.7 13.7 20.5

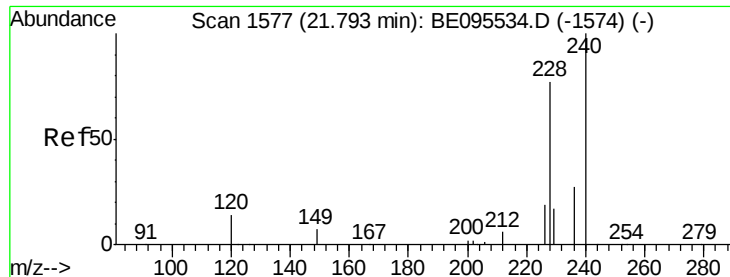


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.79 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

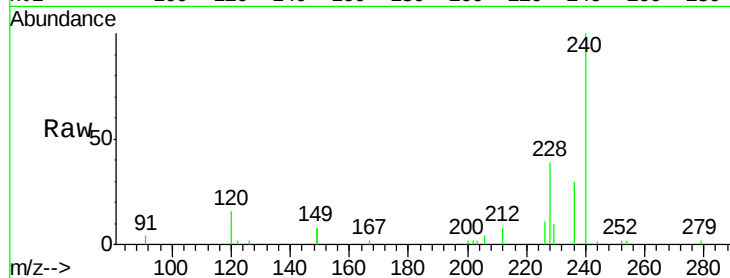
Tgt Ion:240 Resp: 6170

Ion Ratio Lower Upper

240 100

120 15.8 5.5 8.3#

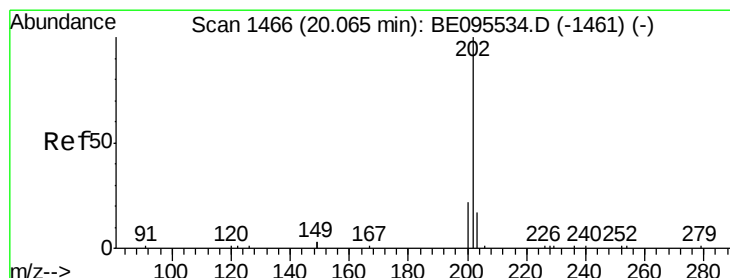
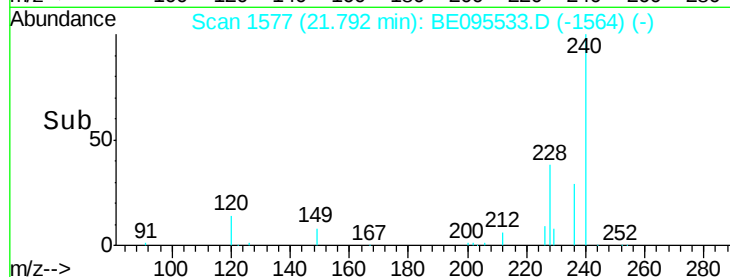
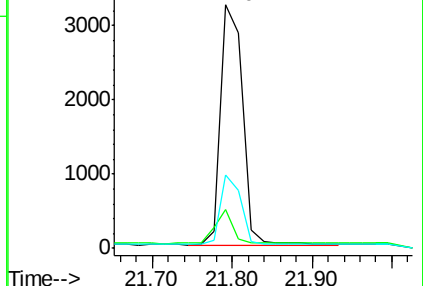
236 30.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.205 ng

RT: 20.06 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

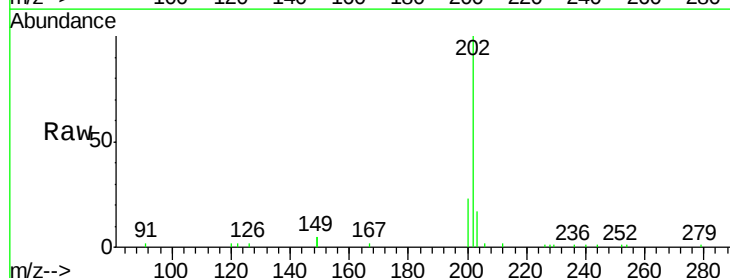
Tgt Ion:202 Resp: 5350

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

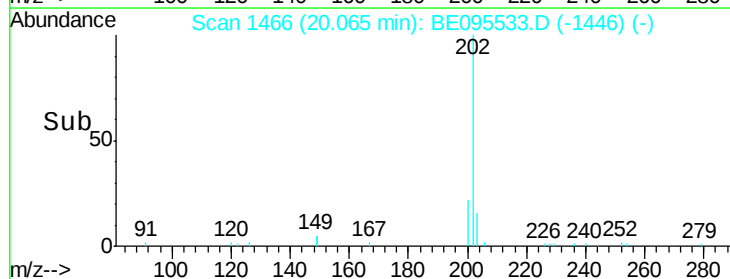
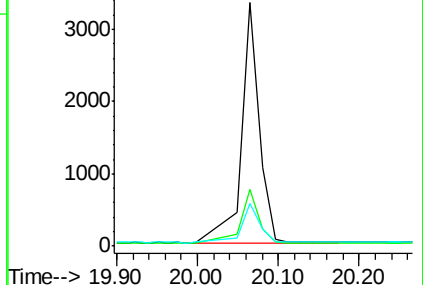
203 17.8 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.206 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

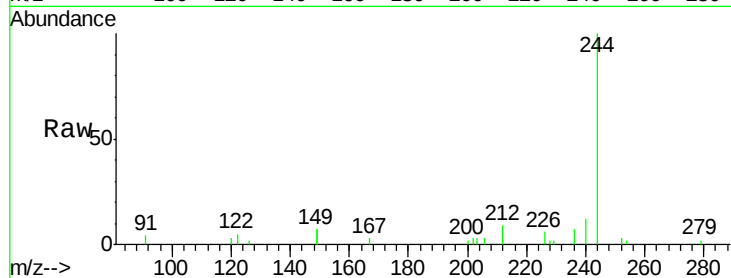
Tgt Ion:244 Resp: 2598

Ion Ratio Lower Upper

244 100

212 9.0 25.4 38.0#

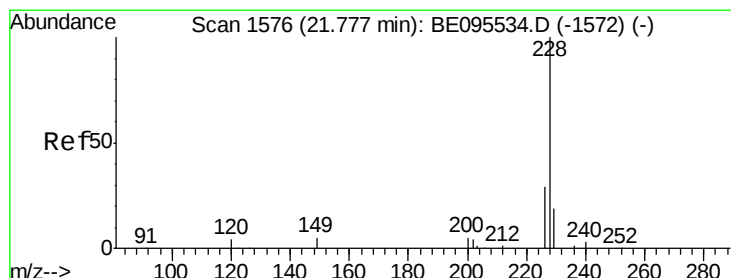
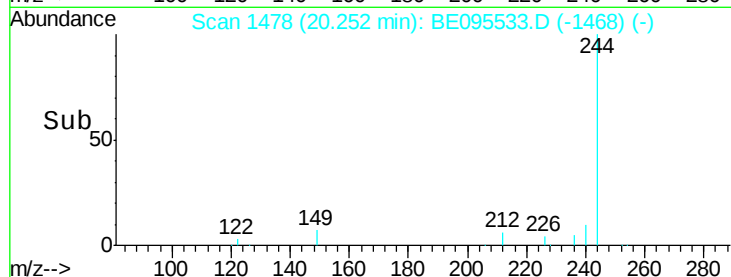
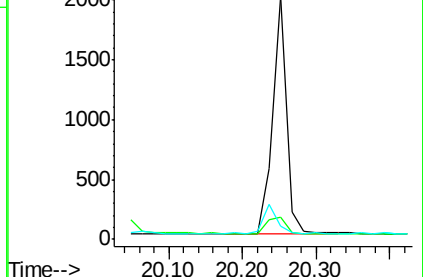
122 5.4 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.212 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

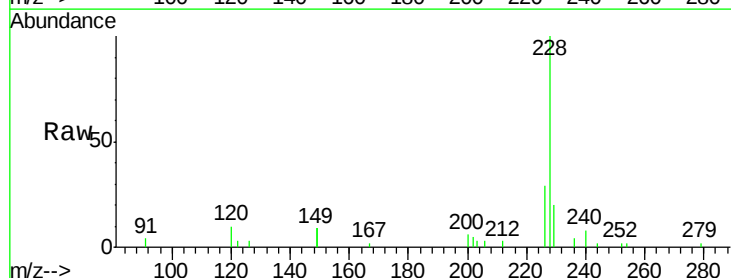
Tgt Ion:228 Resp: 4098

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

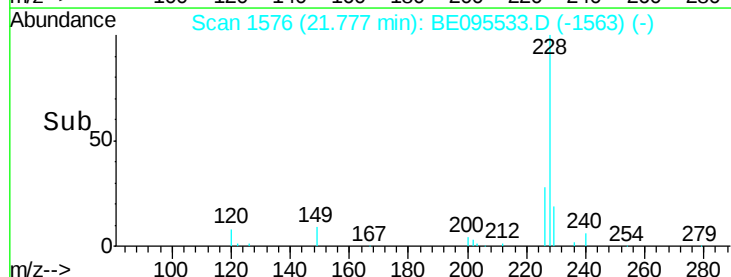
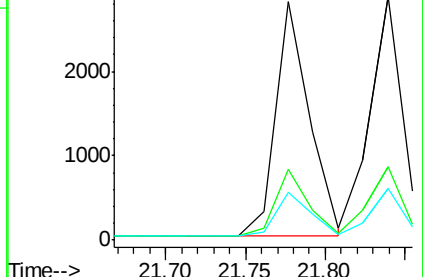
229 19.9 16.0 24.0

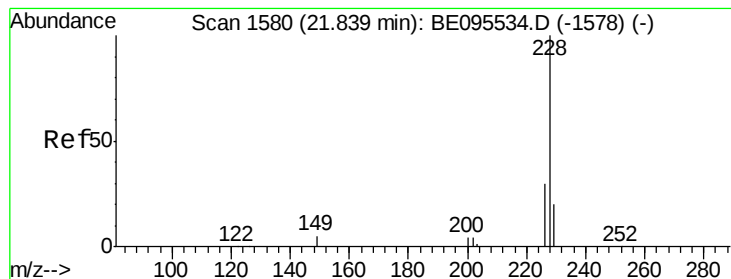


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.206 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

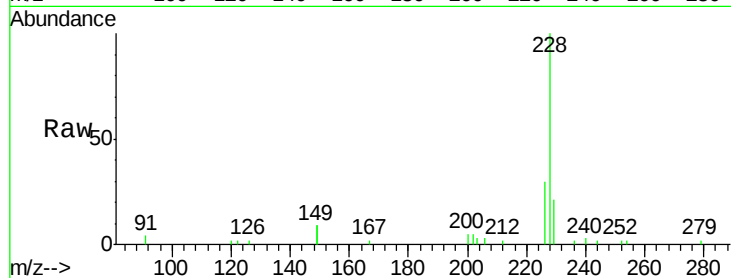
Tgt Ion:228 Resp: 4024

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

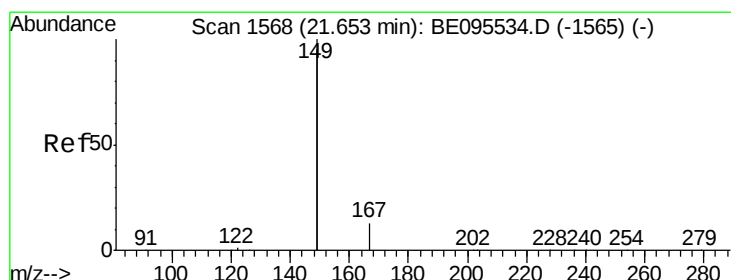
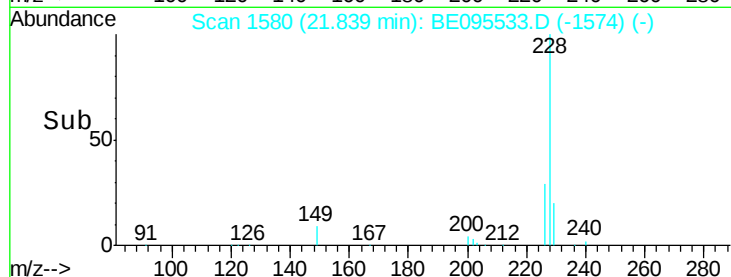
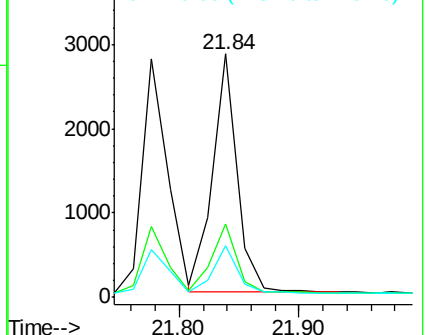
229 21.1 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.346 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

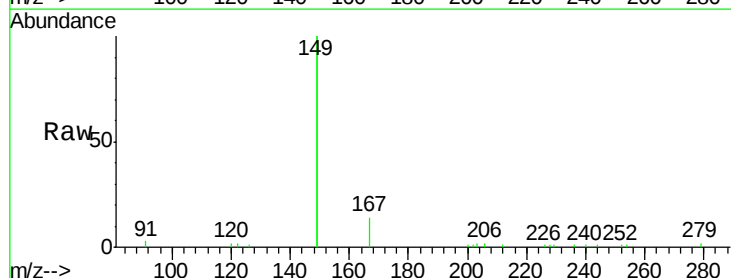
Tgt Ion:149 Resp: 9285

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

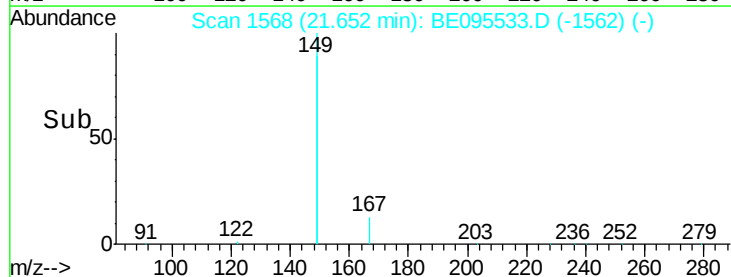
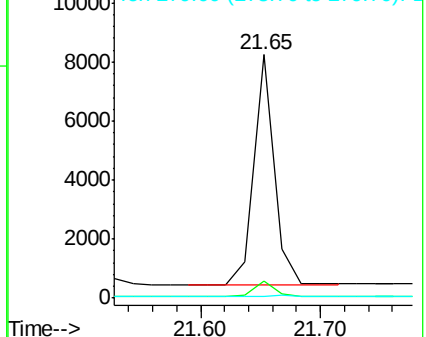
279 0.8 0.7 1.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.218 ng

RT: 27.23 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

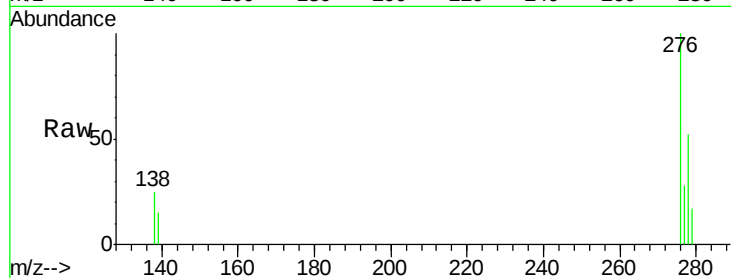
Tgt Ion:276 Resp: 3875

Ion Ratio Lower Upper

276 100

138 21.8 22.5 33.7#

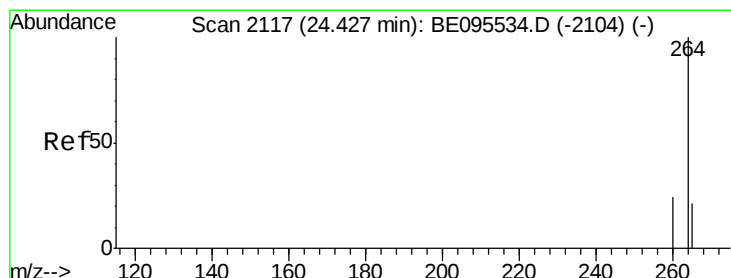
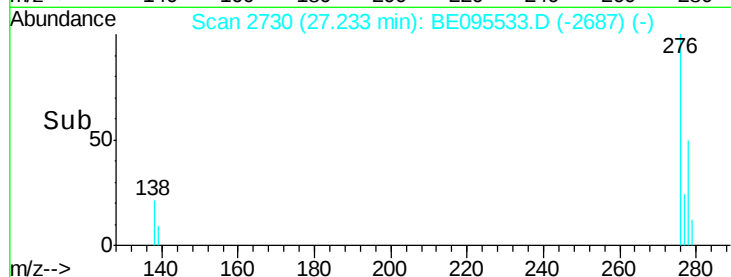
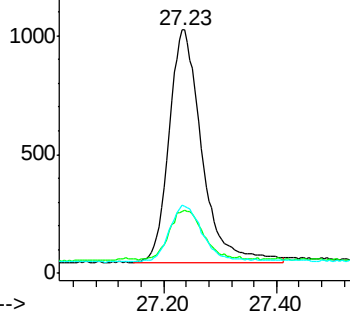
277 24.7 19.9 29.9



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: 24.43 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

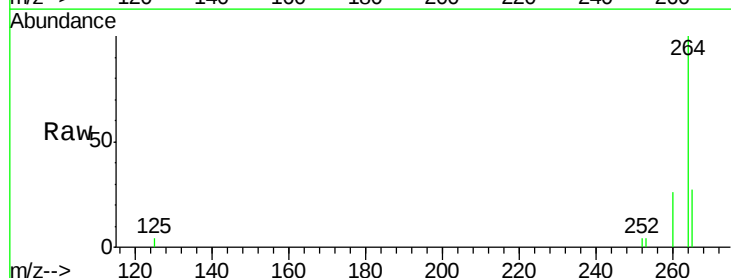
Tgt Ion:264 Resp: 5739

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

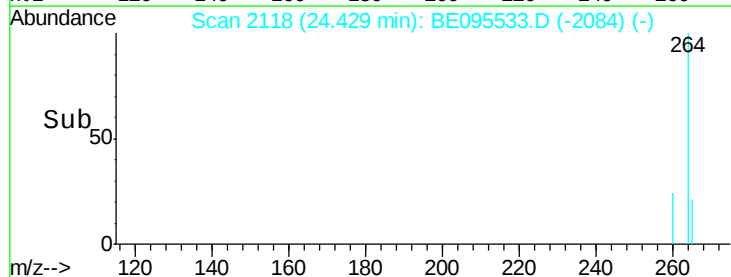
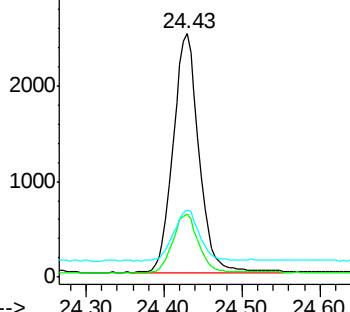
265 27.4 22.8 34.2

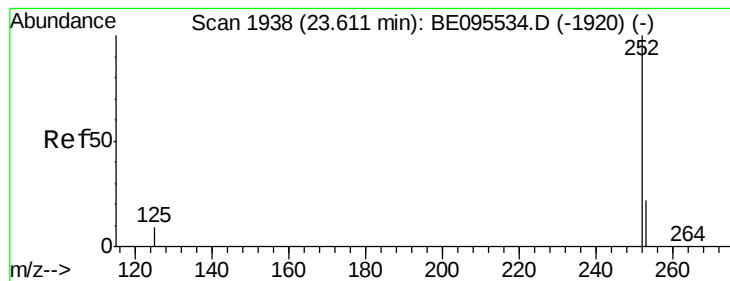


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.186 ng

RT: 23.61 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

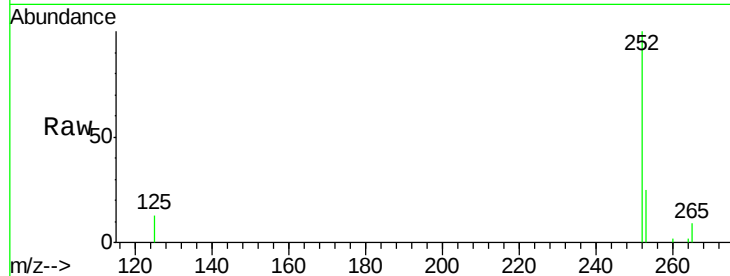
Tgt Ion:252 Resp: 3789

Ion Ratio Lower Upper

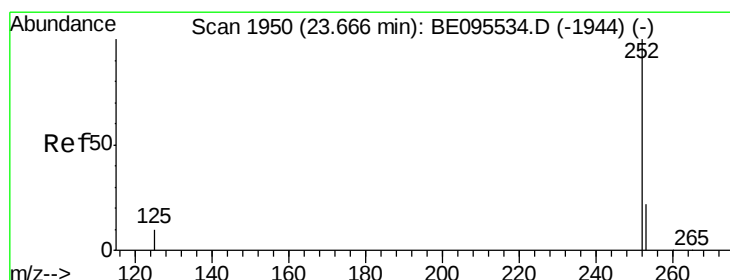
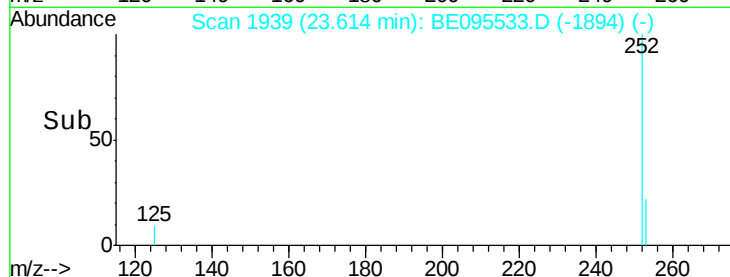
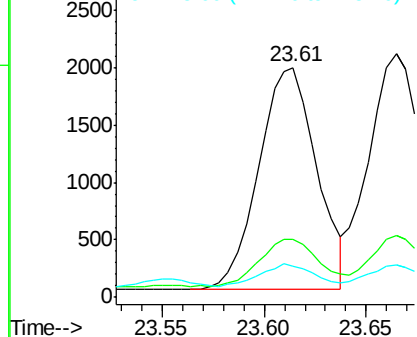
252 100

253 25.3 20.0 30.0

125 13.4 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: 0.188 ng

RT: 23.66 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

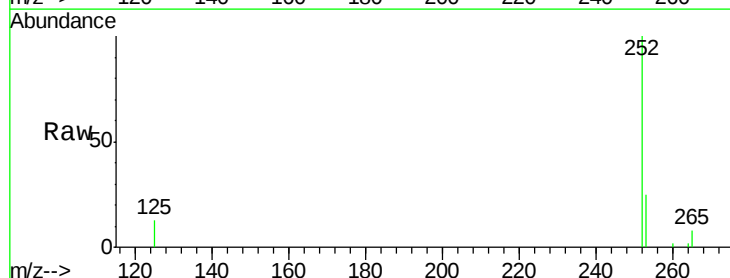
Tgt Ion:252 Resp: 3922

Ion Ratio Lower Upper

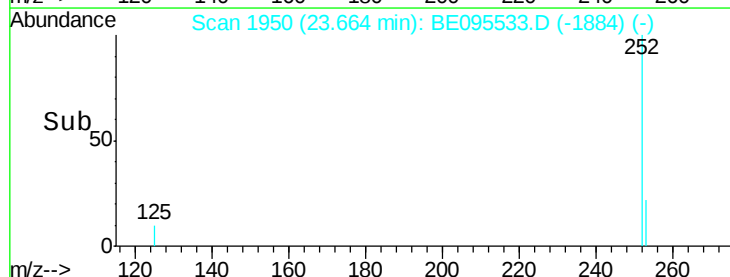
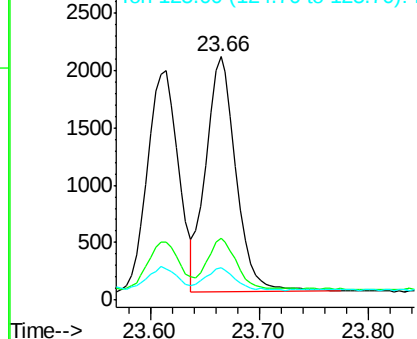
252 100

253 25.3 16.0 24.0#

125 13.4 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.189 ng

RT: 24.31 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

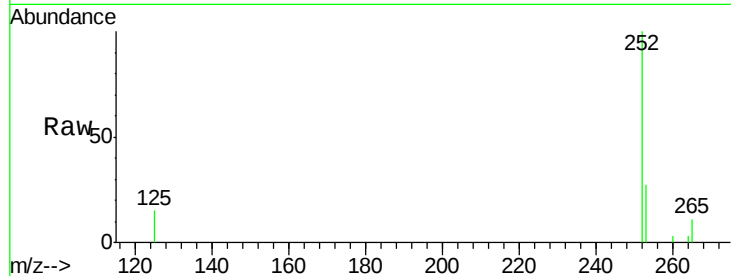
Tgt Ion:252 Resp: 3532

Ion Ratio Lower Upper

252 100

253 26.7 16.0 24.0#

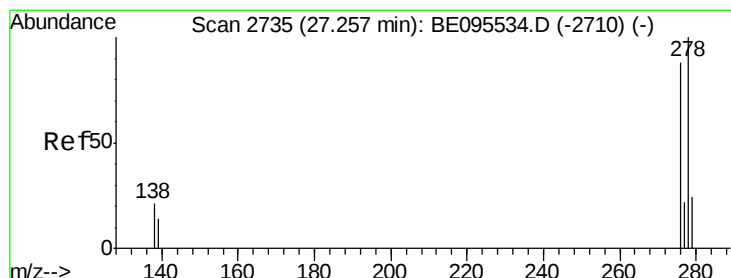
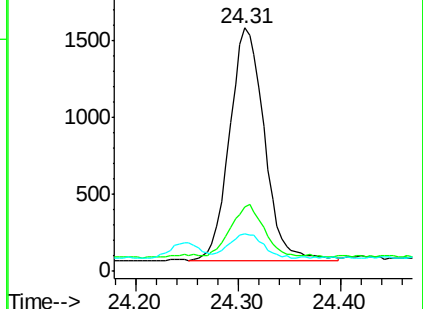
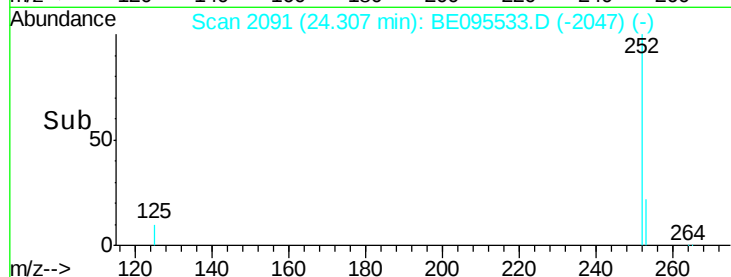
125 15.5 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.188 ng

RT: 27.26 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BE095533.D

Acq: 6 Feb 2018 17:27

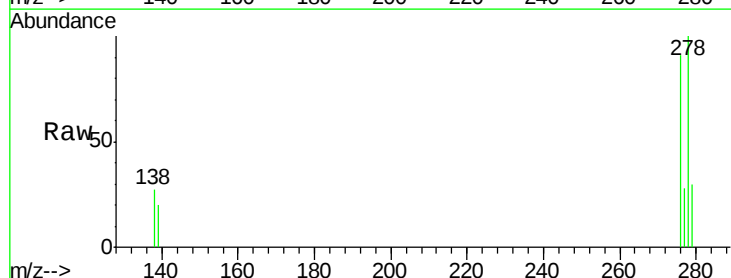
Tgt Ion:278 Resp: 2954

Ion Ratio Lower Upper

278 100

139 19.6 16.0 24.0

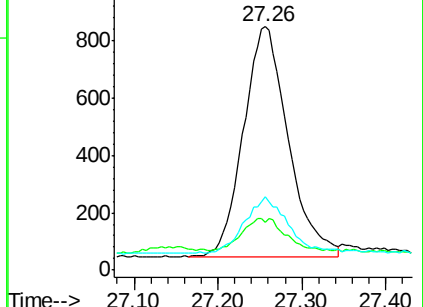
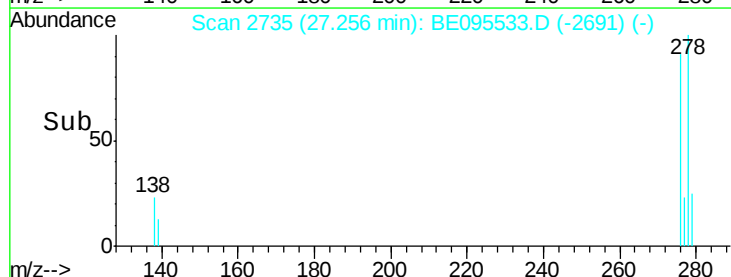
279 30.3 20.0 30.0#

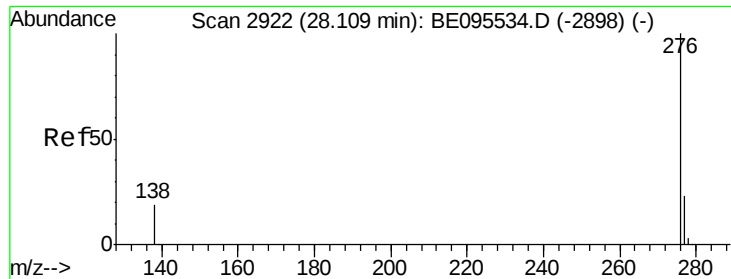


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.197 ng

RT: 28.11 min Scan# 2922

Delta R.T. -0.00 min

Lab File: BE095533.D

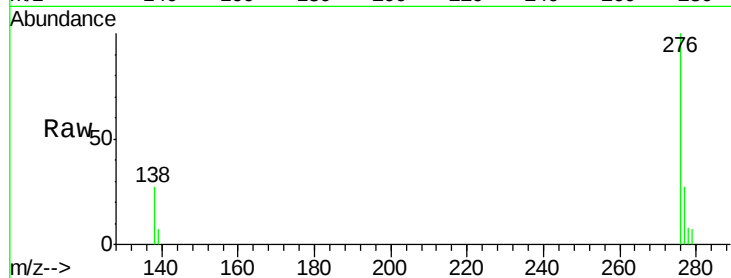
Acq: 6 Feb 2018 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2



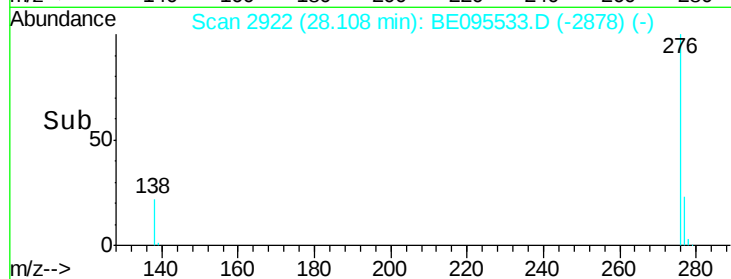
Tgt Ion: 276 Resp: 3351

Ion Ratio Lower Upper

276 100

277 26.8 16.0 24.0#

138 26.8 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

