

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020618\
 Data File : BE095532.D
 Acq On : 6 Feb 2018 16:52
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Feb 06 20:03:22 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	1102	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4299	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2509	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5998	0.40	ng	0.00
27) Chrysene-d12	21.79	240	6233	0.40	ng	0.00
34) Perylene-d12	24.43	264	5742	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	348	0.20	ng	0.00
5) Phenol-d6	7.56	99	458	0.17	ng	-0.01
8) Nitrobenzene-d5	9.61	82	437	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	713	0.10	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	101	0.17	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	1062	0.10	ng	0.00
25) Fluoranthene-d10	19.69	212	7792	0.10	ng	0.00
29) Terphenyl-d14	20.25	244	1435	0.11	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	204	0.188	ng	91
3) n-Nitrosodimethylamine	4.00	42	212	0.164	ng	# 82
6) bis(2-Chloroethyl)ether	7.83	93	430	0.171	ng	89
9) Naphthalene	11.33	128	4965	0.101	ng	# 96
10) Hexachlorobutadiene	11.58	225	253	0.115	ng	96
12) 2-Methylnaphthalene	12.88	142	835	0.099	ng	92
16) Acenaphthylene	14.74	152	1388	0.103	ng	98
17) Acenaphthene	15.06	154	865	0.099	ng	94
18) Fluorene	16.04	166	1076	0.099	ng	# 79
20) 4-Bromophenyl-phenylether	16.91	248	363	0.103	ng	# 74
21) Hexachlorobenzene	17.03	284	367	0.104	ng	# 82
22) Pentachlorophenol	17.37	266	83	0.101	ng	90
23) Phenanthrene	17.74	178	1815	0.098	ng	96
24) Anthracene	17.85	178	1676	0.101	ng	# 96
26) Fluoranthene	19.72	202	2268	0.102	ng	98
28) Pyrene	20.06	202	2815	0.107	ng	98
30) Benzo(a)anthracene	21.78	228	2104	0.108	ng	97
31) Chrysene	21.84	228	2095	0.106	ng	95
32) Bis(2-ethylhexyl)phthalate	21.65	149	5447	0.201	ng	100
33) Indeno(1,2,3-cd)pyrene	27.24	276	1868	0.104	ng	94
35) Benzo(b)fluoranthene	23.61	252	1895	0.093	ng	95
36) Benzo(k)fluoranthene	23.67	252	1936	0.093	ng	# 82
37) Benzo(a)pyrene	24.31	252	1779	0.095	ng	# 83
38) Dibenzo(a,h)anthracene	27.26	278	1464	0.093	ng	# 82
39) Benzo(g,h,i)perylene	28.11	276	1682	0.099	ng	# 83

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

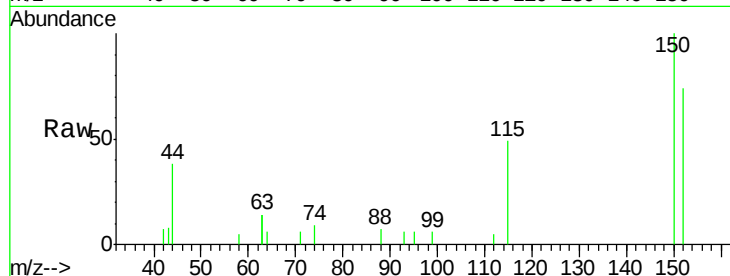


#1

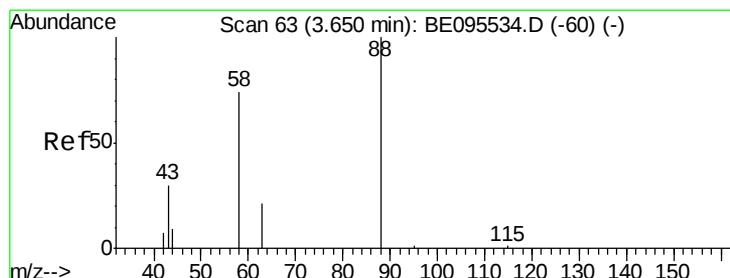
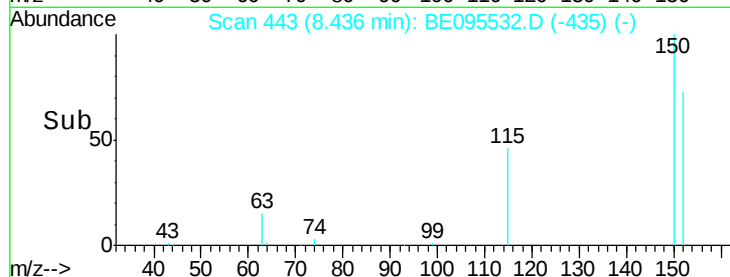
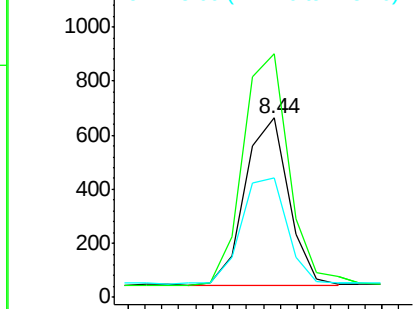
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.44 min Scan# 443
Delta R.T. 0.00 min
Lab File: BE095532.D
Acq: 6 Feb 2018 16:52

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:152 Resp: 1102
Ion Ratio Lower Upper
152 100
150 135.9 117.2 175.8
115 66.4 57.0 85.6



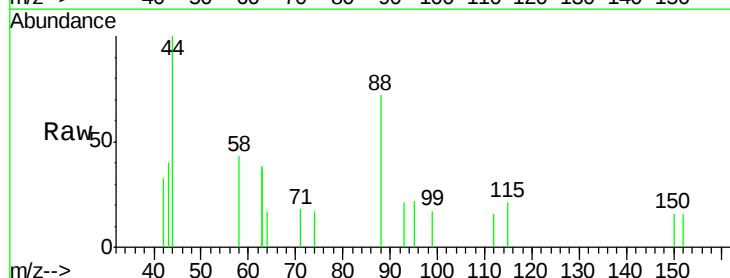
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



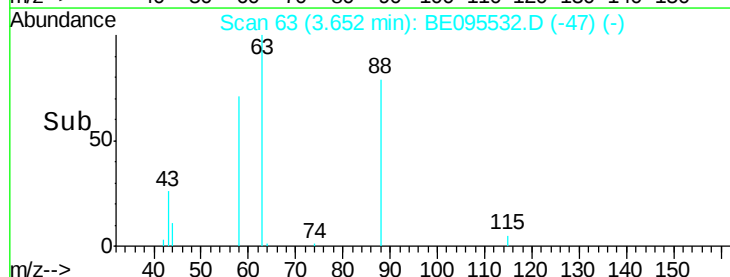
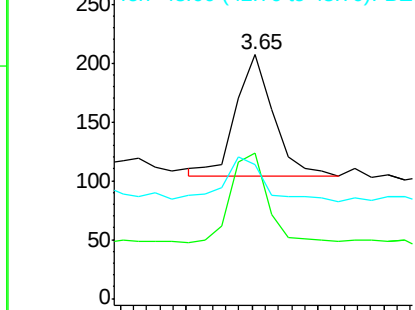
#2

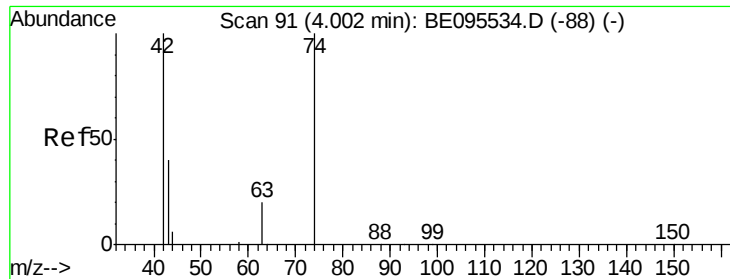
1,4-Dioxane
Concen: 0.188 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095532.D
Acq: 6 Feb 2018 16:52

Tgt Ion: 88 Resp: 204
Ion Ratio Lower Upper
88 100
58 74.5 63.2 94.8
43 41.7 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: 0.164 ng

RT: 4.00 min Scan# 91

Delta R.T. 0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

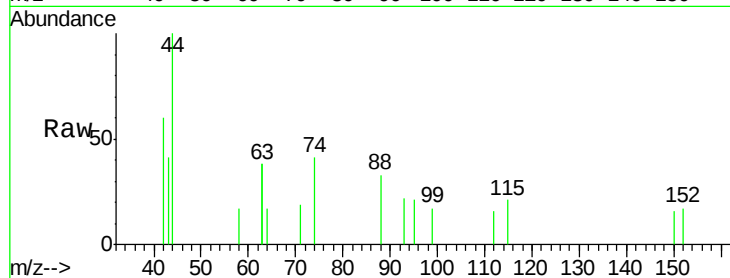
Tot Ion: 42 Resp: 212

Ion Ratio Lower Upper

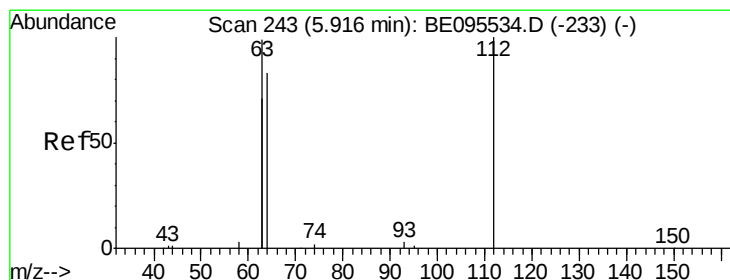
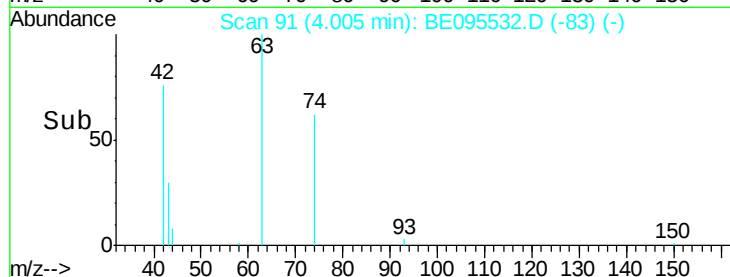
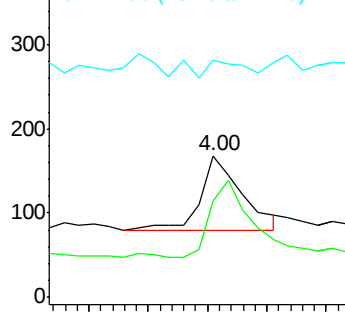
42 100

74 100.0 96.0 144.0

44 21.2 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: 0.195 ng

RT: 5.92 min Scan# 243

Delta R.T. 0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

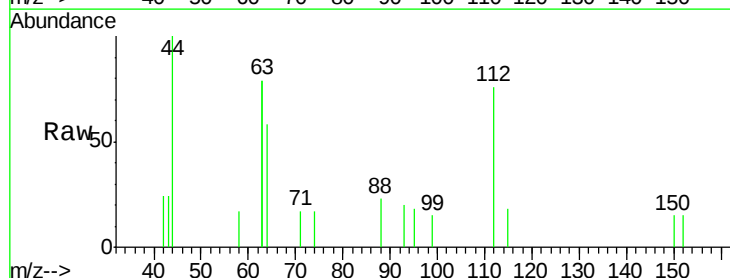
Tgt Ion: 112 Resp: 348

Ion Ratio Lower Upper

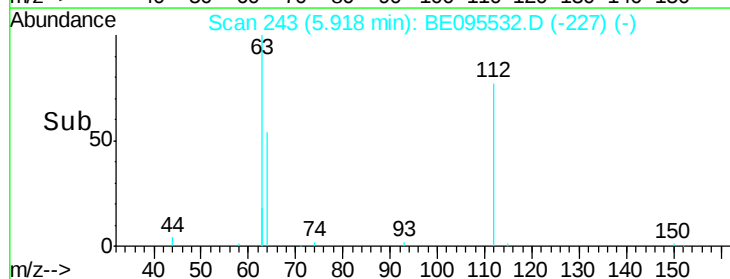
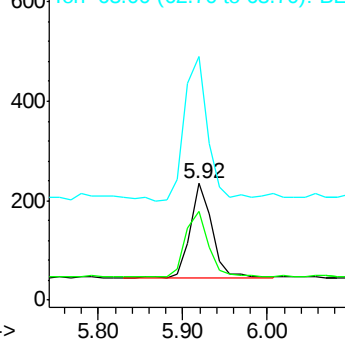
112 100

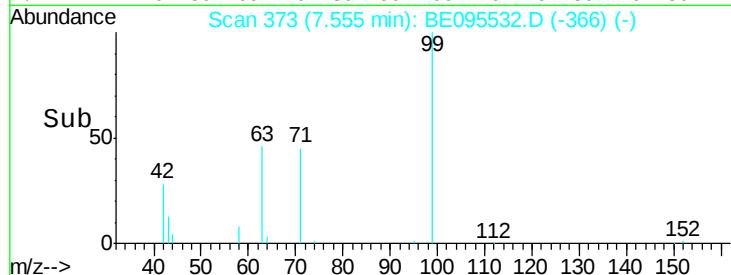
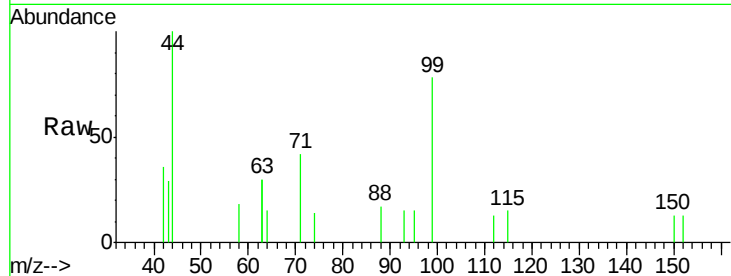
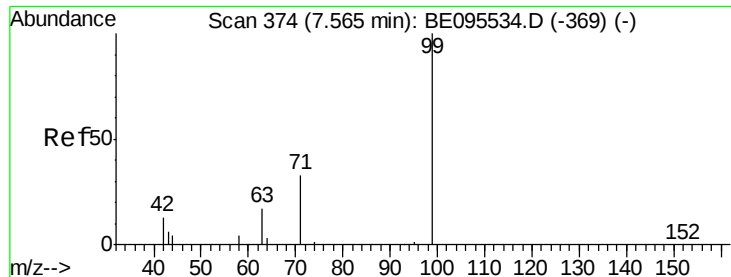
64 74.4 60.1 90.1

63 164.9 116.8 175.2



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: 0.169 ng

RT: 7.56 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

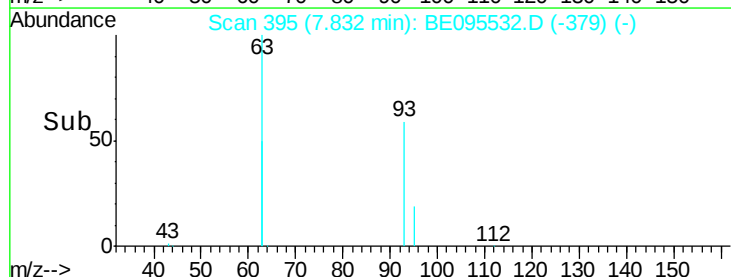
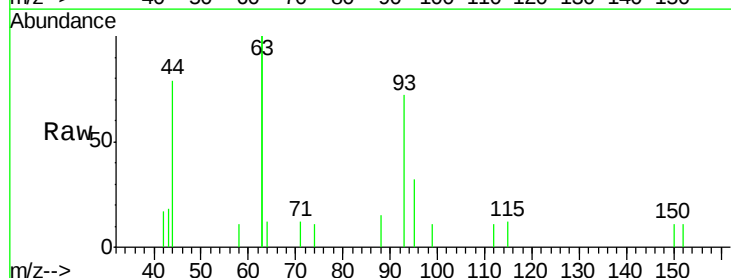
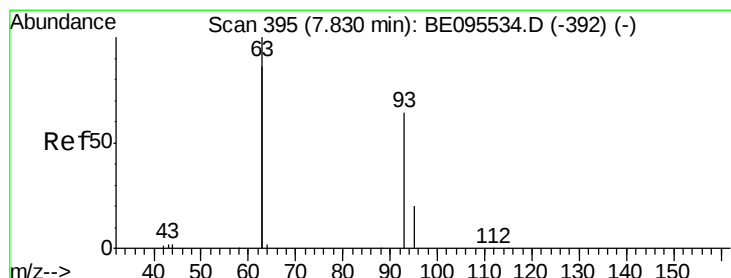
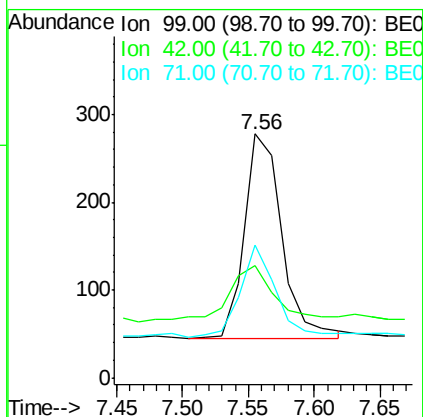
Tot Ion: 99 Resp: 458

Ion Ratio Lower Upper

99 100

42 28.6 20.2 30.2

71 43.4 28.4 42.6#



#6

bis(2-Chloroethyl)ether

Concen: 0.171 ng

RT: 7.83 min Scan# 395

Delta R.T. 0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

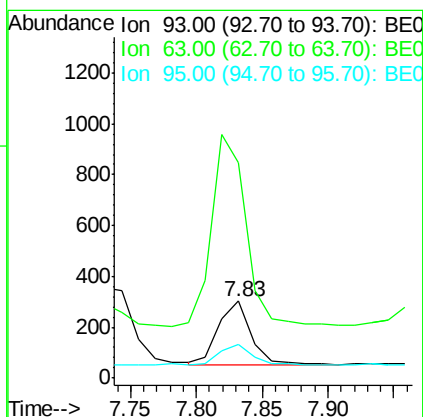
Tgt Ion: 93 Resp: 430

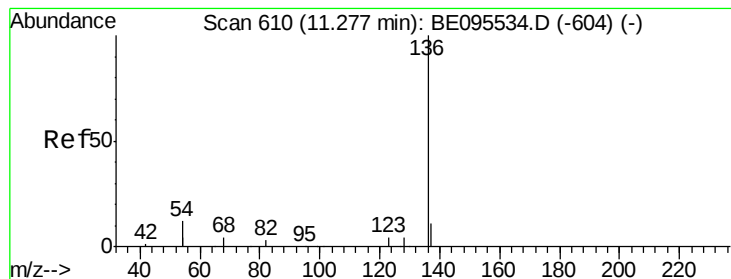
Ion Ratio Lower Upper

93 100

63 320.5 275.3 412.9

95 35.3 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 4299

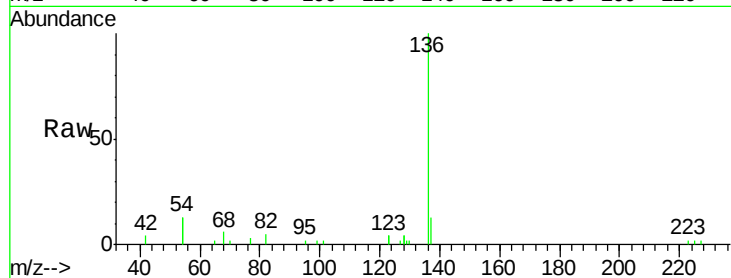
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 25.6 29.1 43.7#

68 5.5 6.2 9.2#

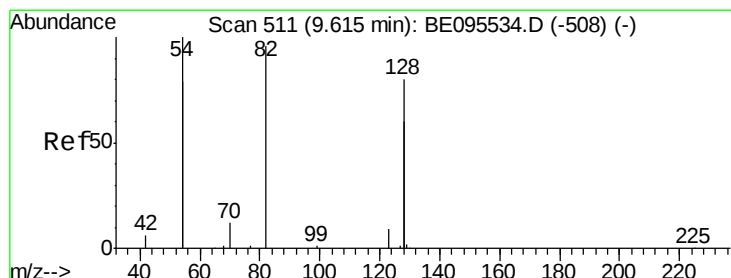
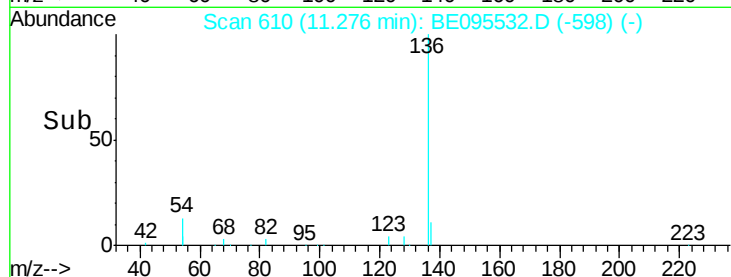
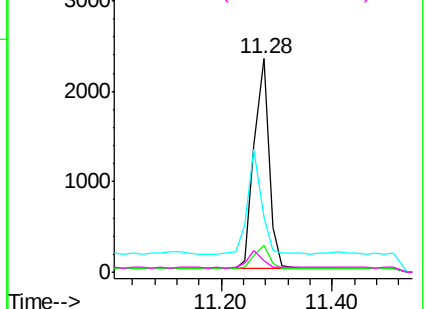


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.112 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

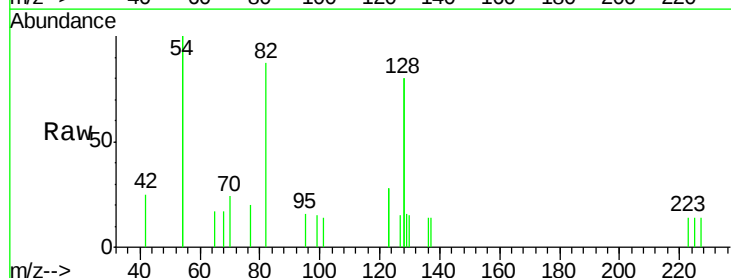
Tgt Ion: 82 Resp: 437

Ion Ratio Lower Upper

82 100

128 184.4 150.0 225.0

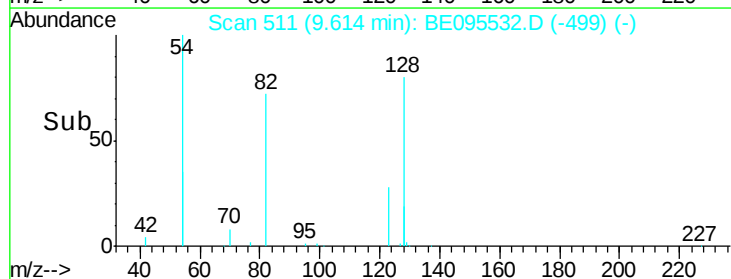
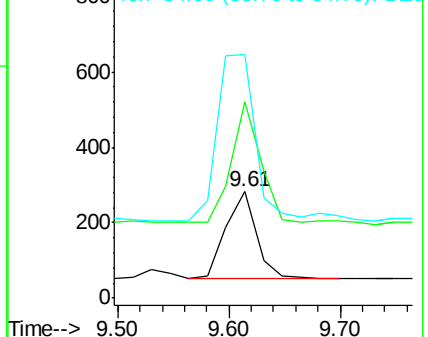
54 229.1 154.2 231.4

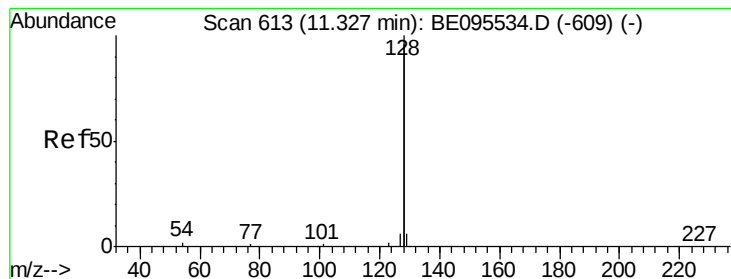


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.101 ng

RT: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

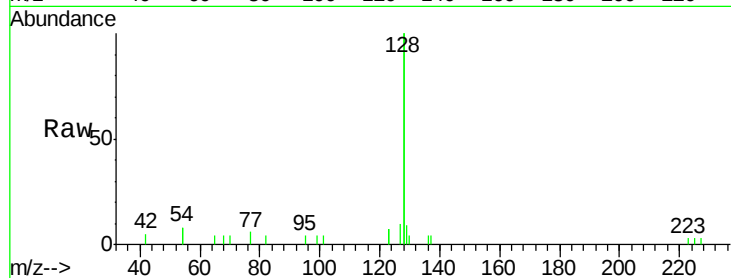
Tot Ion:128 Resp: 4965

Ion Ratio Lower Upper

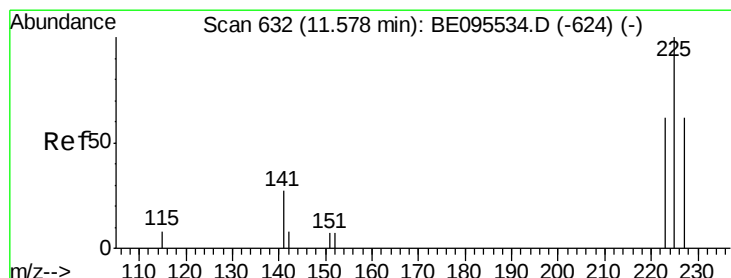
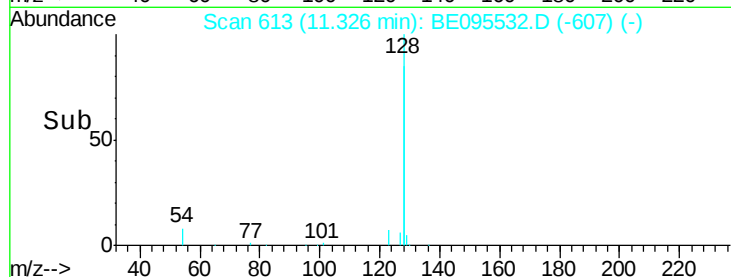
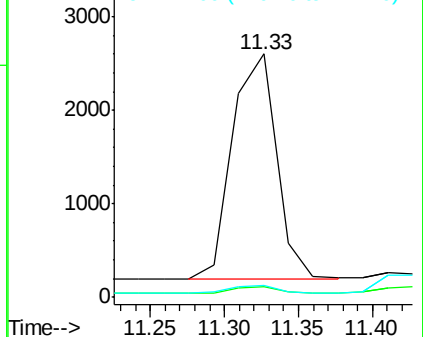
128 100

129 4.6 2.6 3.8#

127 4.8 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: 0.115 ng

RT: 11.58 min Scan# 632

Delta R.T. -0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

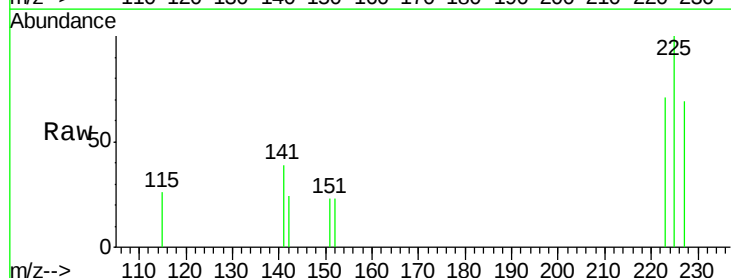
Tgt Ion:225 Resp: 253

Ion Ratio Lower Upper

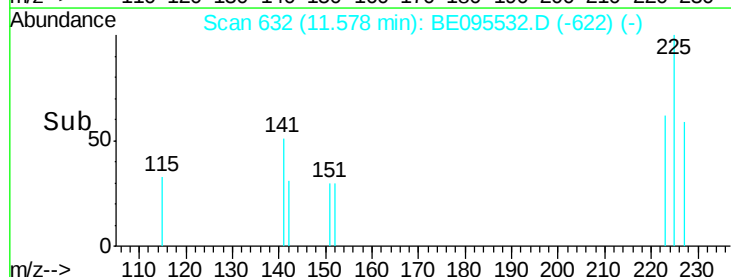
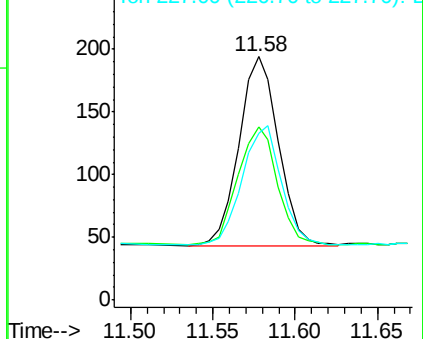
225 100

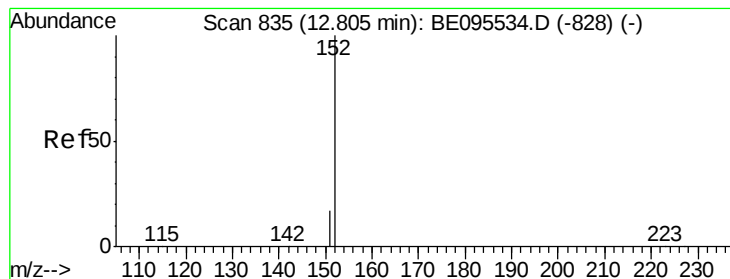
223 62.1 53.0 79.6

227 62.1 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: 0.100 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

Instrument :

BNA_E

ClientSampleId :

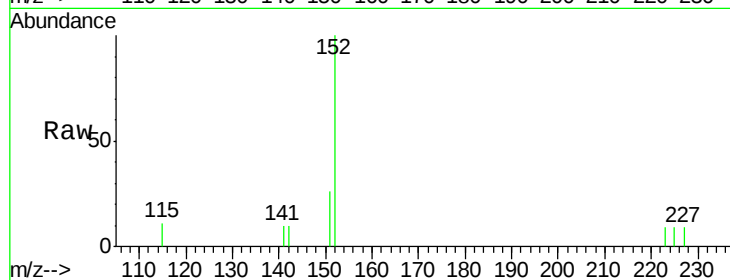
SSTDIC0.1

Tot Ion:152 Resp: 713

Ion Ratio Lower Upper

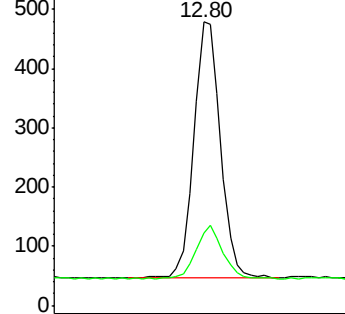
152 100

151 21.9 15.4 23.0

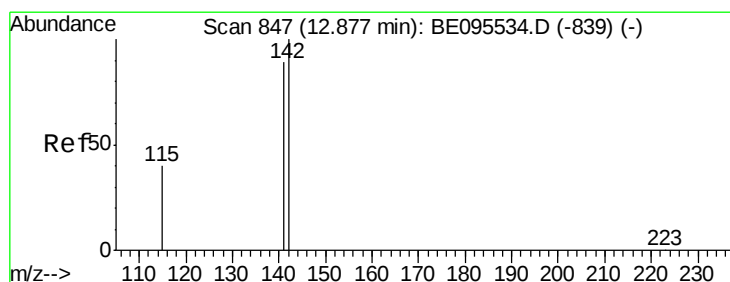
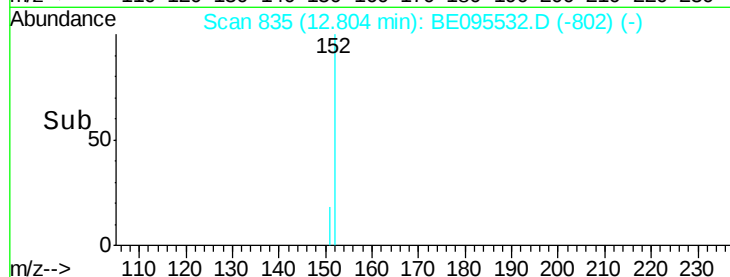


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#12

2-Methylnaphthalene

Concen: 0.099 ng

RT: 12.88 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

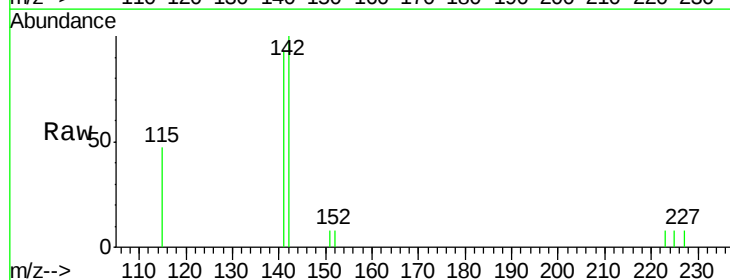
Tgt Ion:142 Resp: 835

Ion Ratio Lower Upper

142 100

141 93.1 70.4 105.6

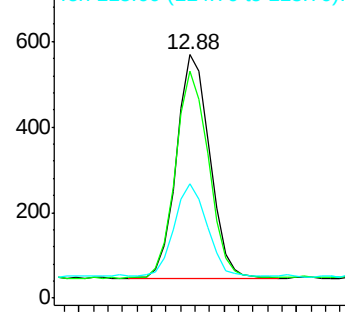
115 47.1 31.7 47.5



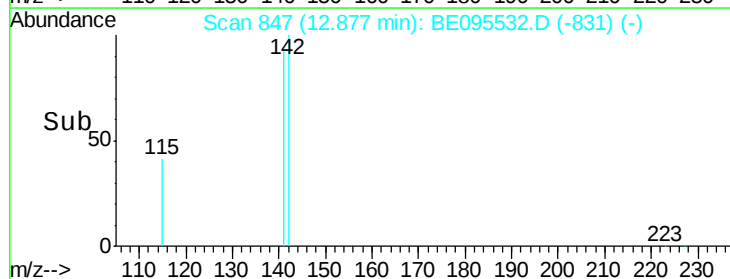
Abundance Ion 142.00 (141.70 to 142.70): E

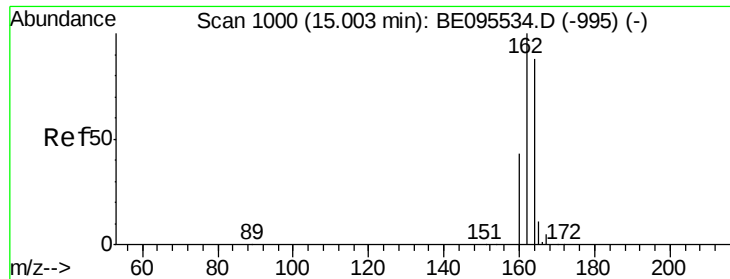
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

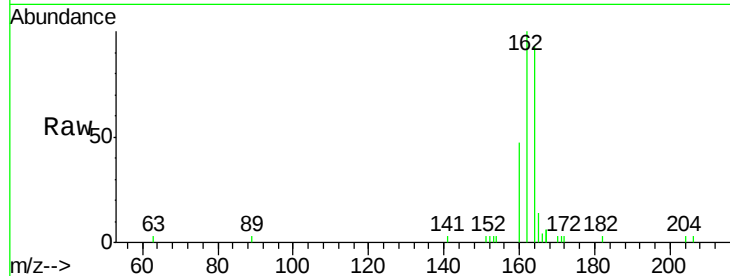
Tot Ion:164 Resp: 2509

Ion Ratio Lower Upper

164 100

162 107.6 83.1 124.7

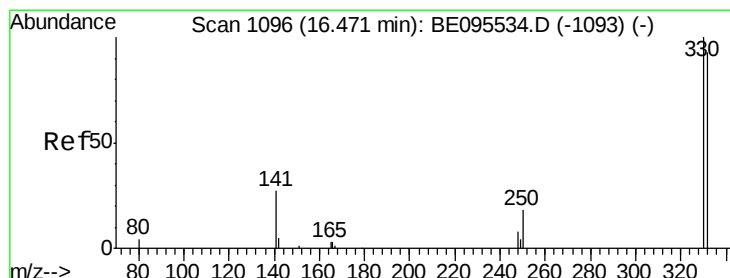
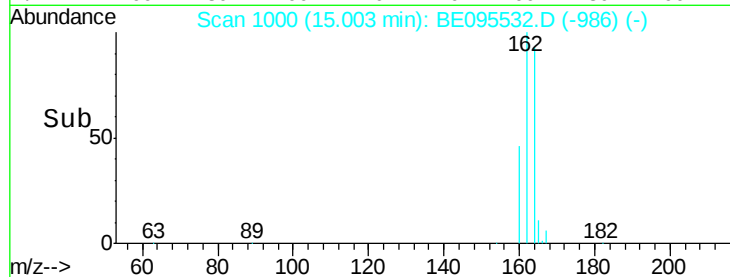
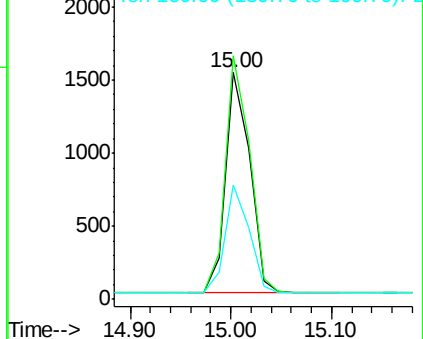
160 50.6 37.1 55.7



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: 0.166 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

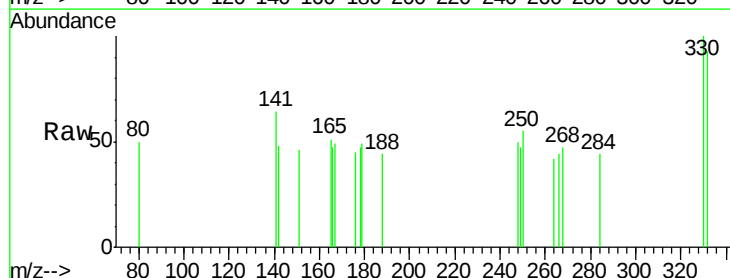
Tgt Ion:330 Resp: 101

Ion Ratio Lower Upper

330 100

332 82.2 152.7 229.1#

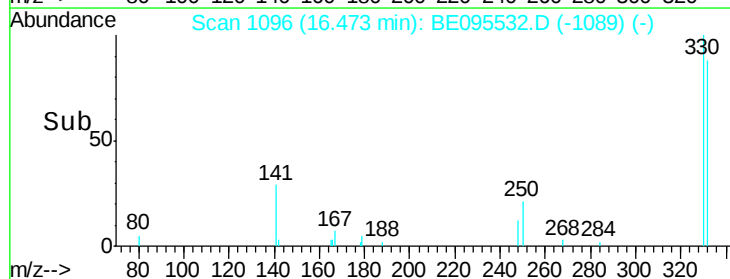
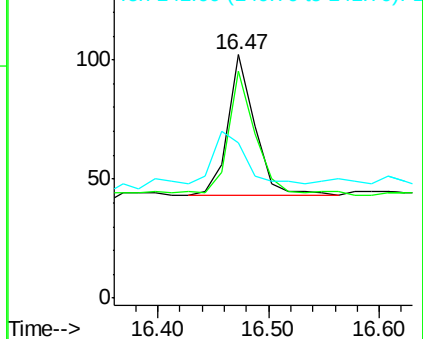
141 41.6 33.7 50.5

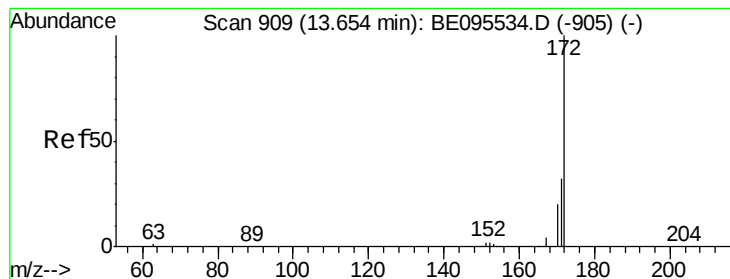


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.096 ng

RT: 13.65 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

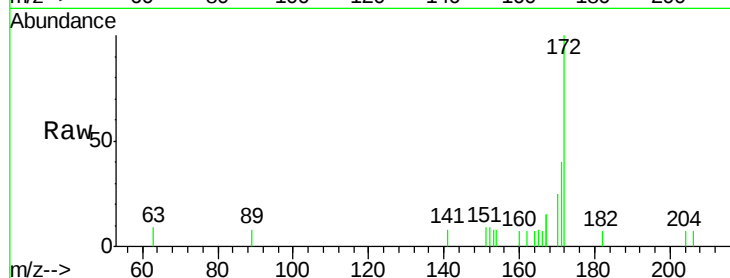
Tot Ion:172 Resp: 1062

Ion Ratio Lower Upper

172 100

171 39.7 29.9 44.9

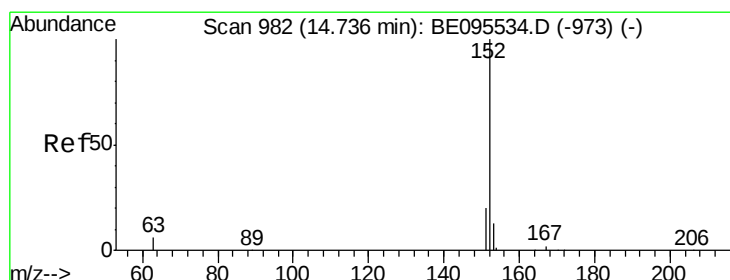
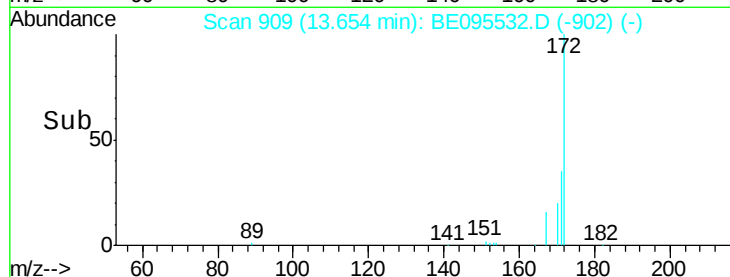
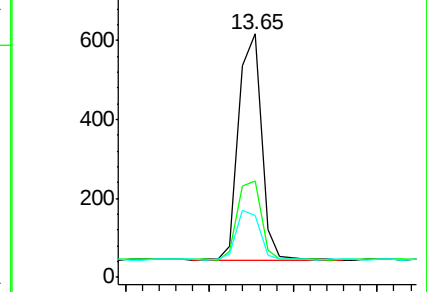
170 25.4 21.8 32.8



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: 0.103 ng

RT: 14.74 min Scan# 982

Delta R.T. 0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

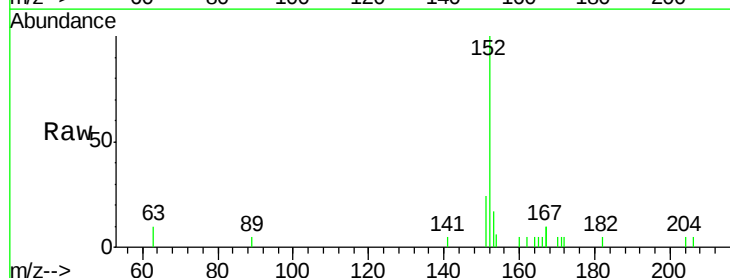
Tgt Ion:152 Resp: 1388

Ion Ratio Lower Upper

152 100

151 21.2 15.7 23.5

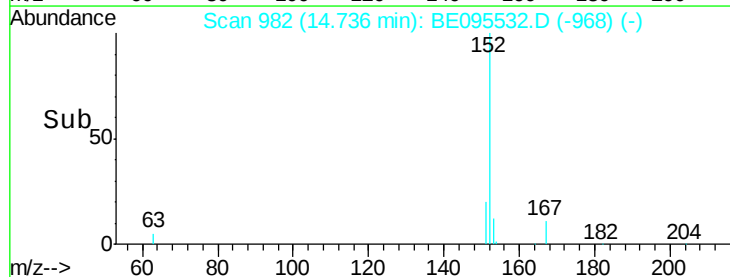
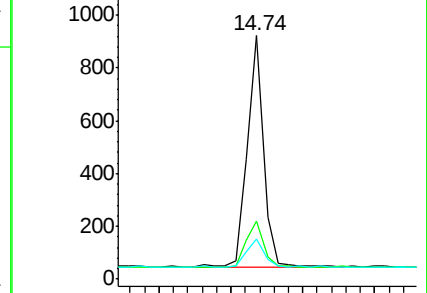
153 13.0 10.5 15.7

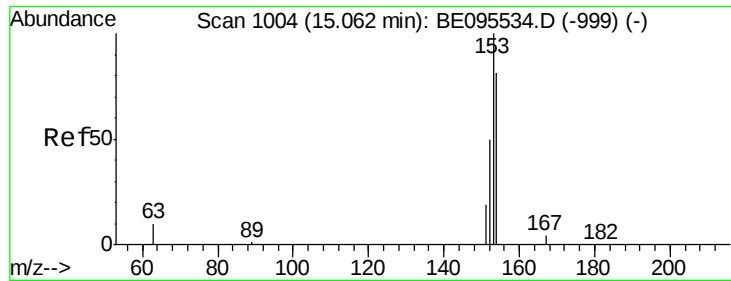


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.099 ng

RT: 15.06 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

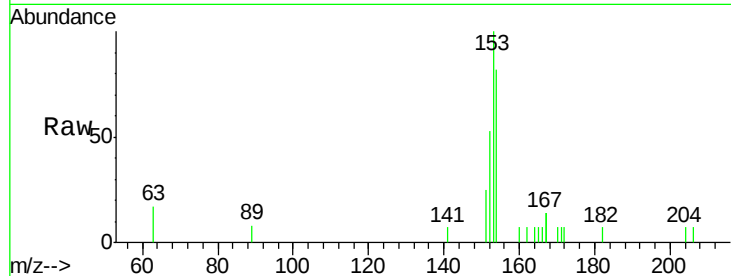
Tot Ion:154 Resp: 865

Ion Ratio Lower Upper

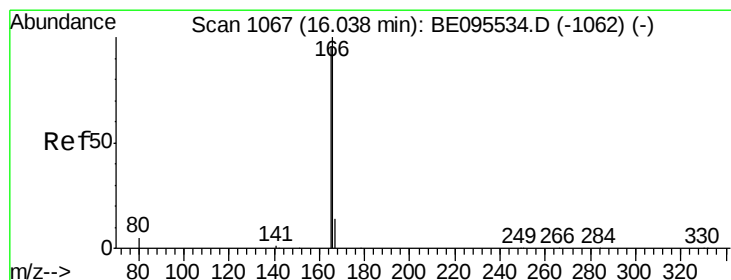
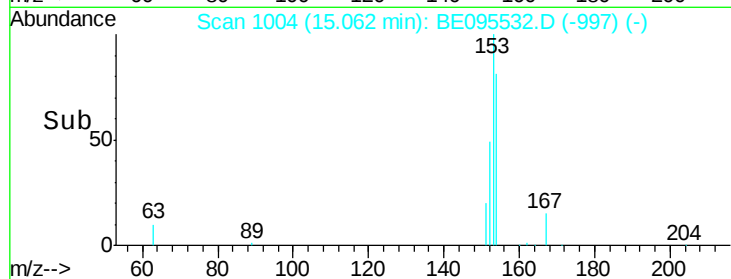
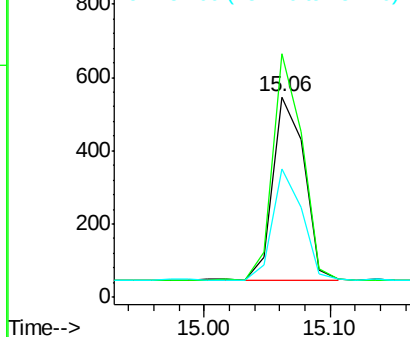
154 100

153 117.1 89.2 133.8

152 58.8 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: 0.099 ng

RT: 16.04 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

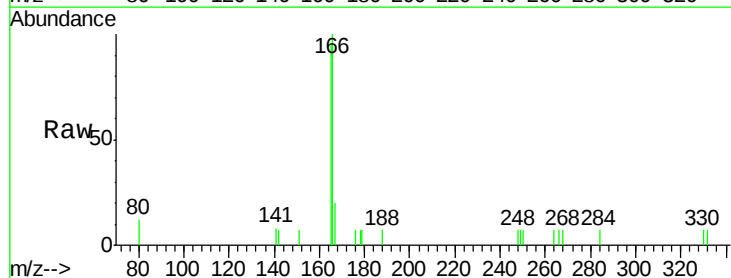
Tgt Ion:166 Resp: 1076

Ion Ratio Lower Upper

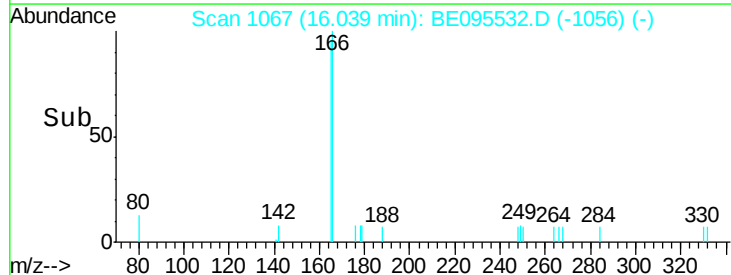
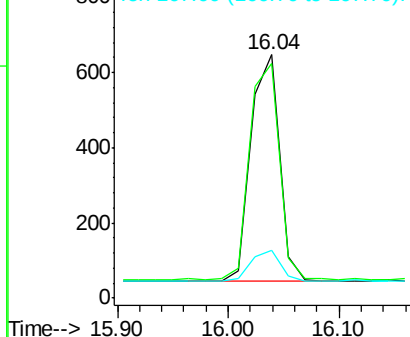
166 100

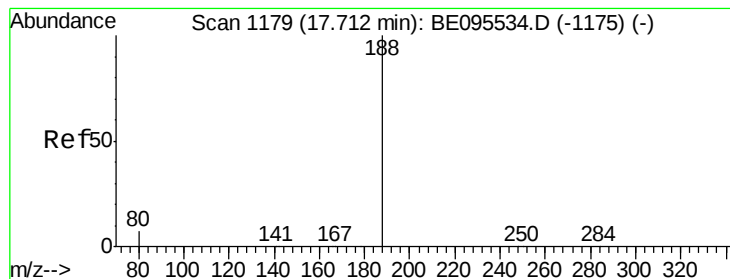
165 100.8 77.8 116.6

167 14.7 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: BE095532.D

Acq: 6 Feb 2018 16:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

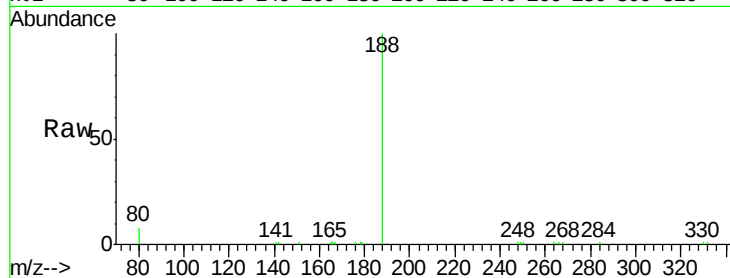
Tot Ion:188 Resp: 5998

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

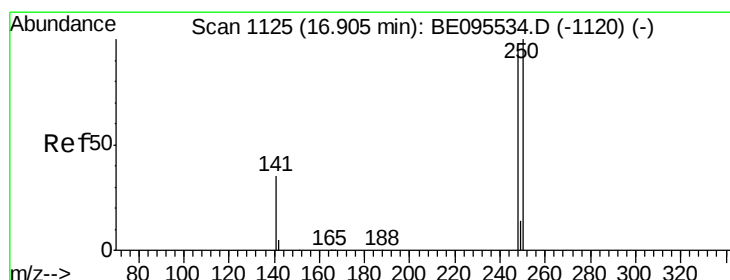
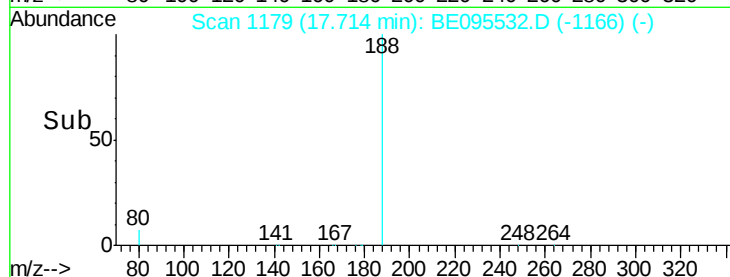
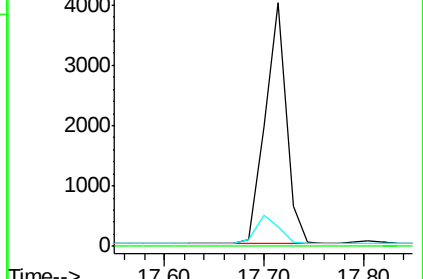
80 8.1 3.6 5.4#



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: 0.103 ng

RT: 16.91 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

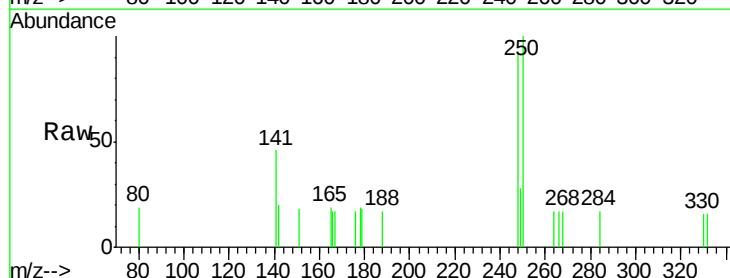
Tgt Ion:248 Resp: 363

Ion Ratio Lower Upper

248 100

250 108.5 62.7 94.1#

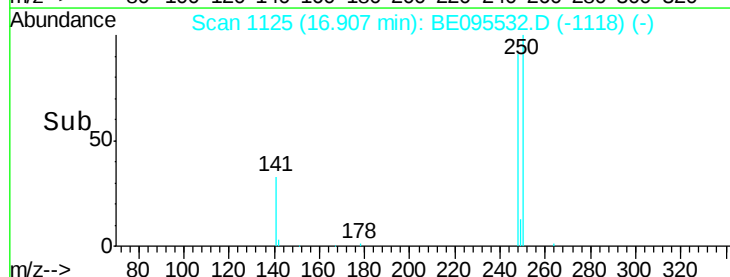
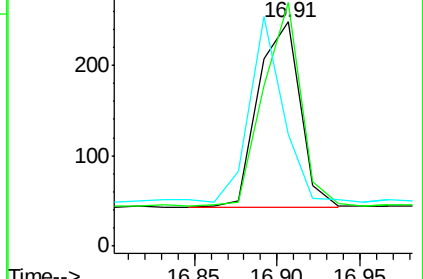
141 49.6 48.2 72.2

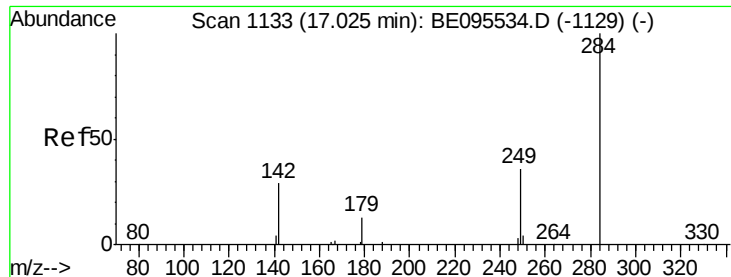


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.104 ng

RT: 17.03 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

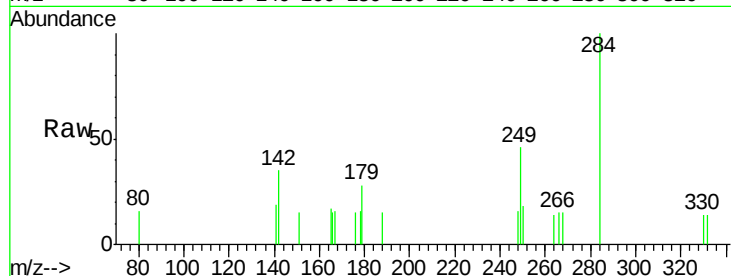
Tot Ion:284 Resp: 367

Ion Ratio Lower Upper

284 100

142 43.6 22.1 33.1#

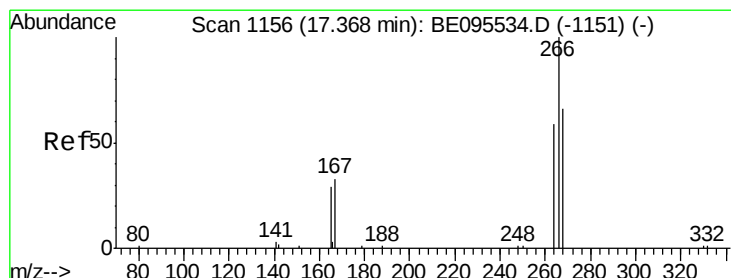
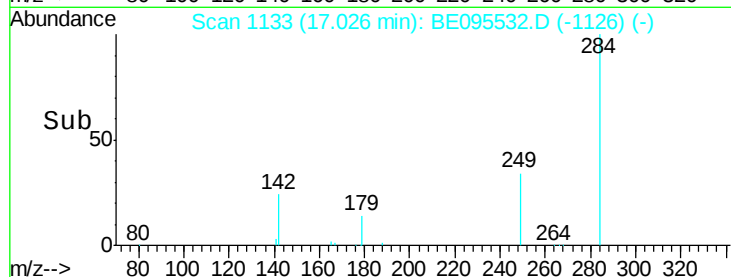
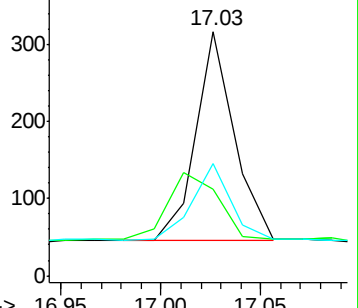
249 36.8 34.8 52.2



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: 0.101 ng

RT: 17.37 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

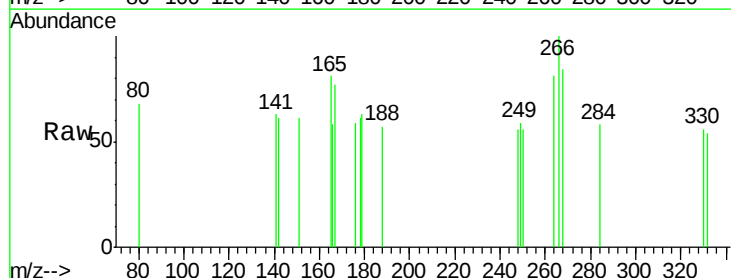
Tgt Ion:266 Resp: 83

Ion Ratio Lower Upper

266 100

264 81.0 72.5 108.7

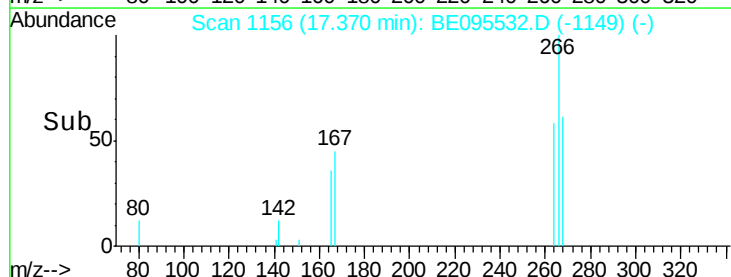
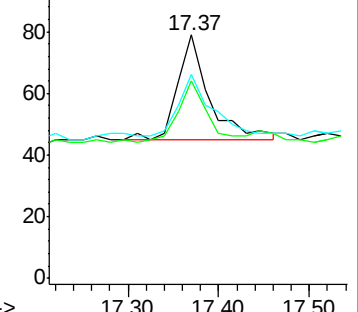
268 83.5 73.8 110.6

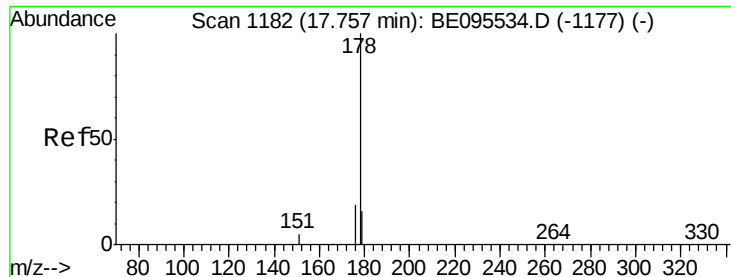


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.098 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

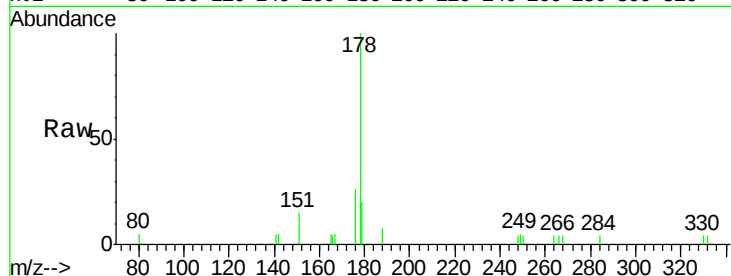
Tot Ion:178 Resp: 1815

Ion Ratio Lower Upper

178 100

176 21.4 15.1 22.7

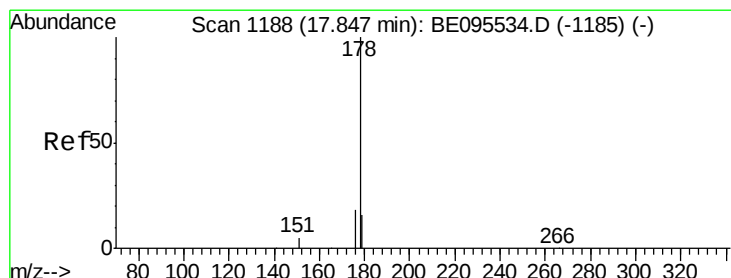
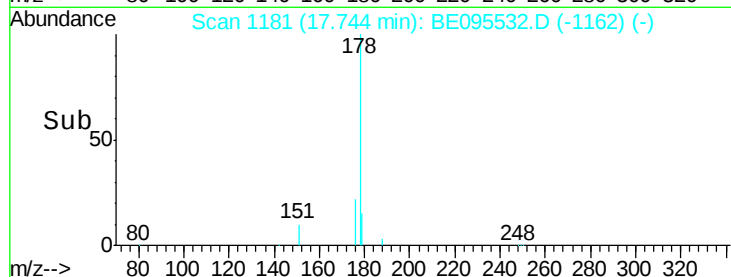
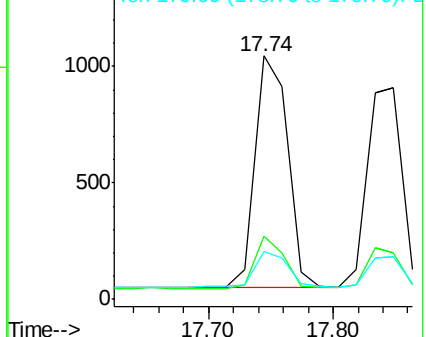
179 15.2 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.101 ng

RT: 17.85 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

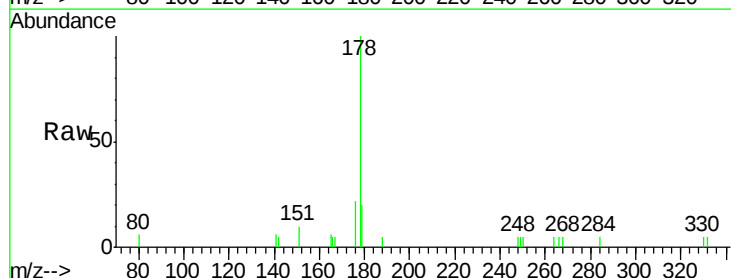
Tgt Ion:178 Resp: 1676

Ion Ratio Lower Upper

178 100

176 19.3 12.8 19.2#

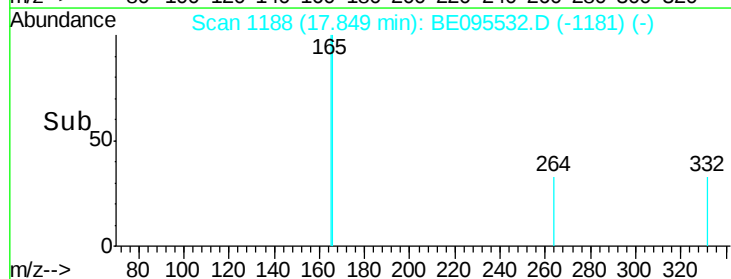
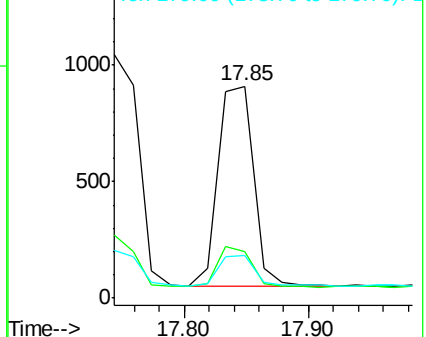
179 16.1 13.0 19.6

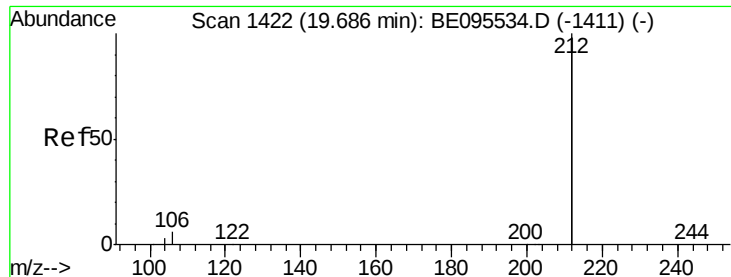


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.103 ng

RT: 19.69 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

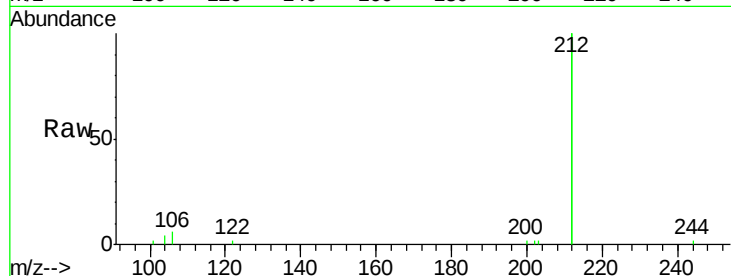
Tot Ion:212 Resp: 7792

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

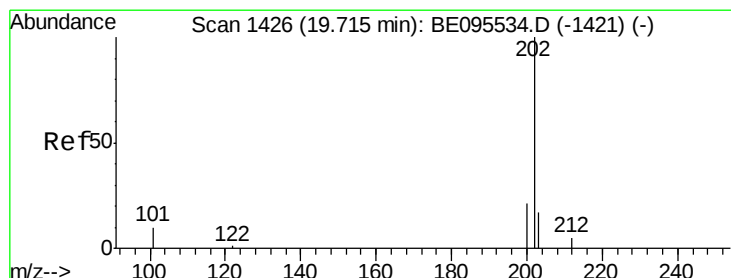
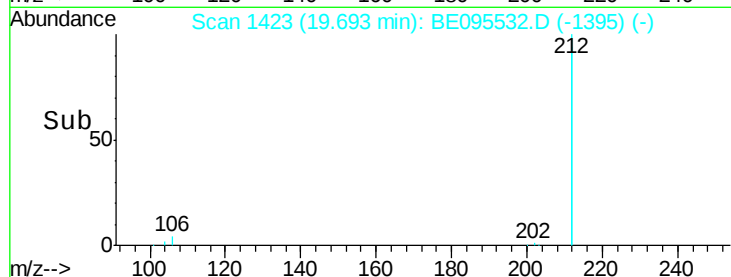
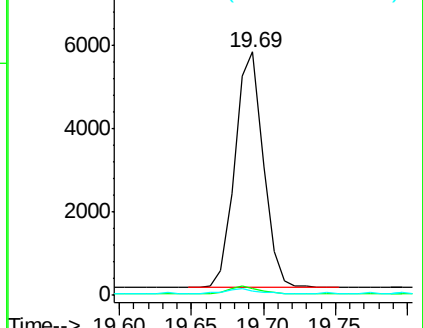
104 1.7 1.6 2.4



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: 0.102 ng

RT: 19.72 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

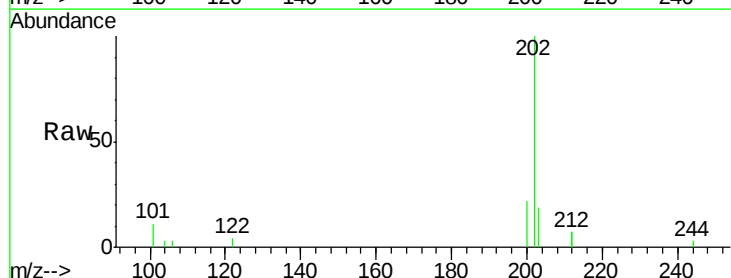
Tgt Ion:202 Resp: 2268

Ion Ratio Lower Upper

202 100

101 10.4 9.8 14.8

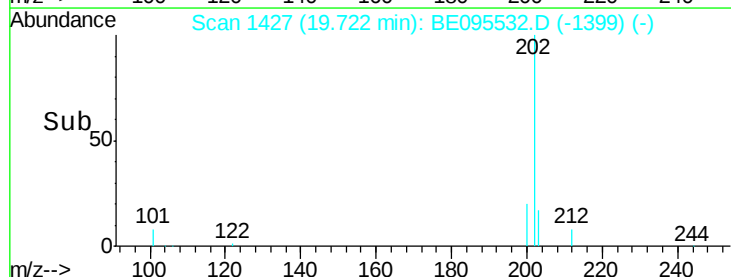
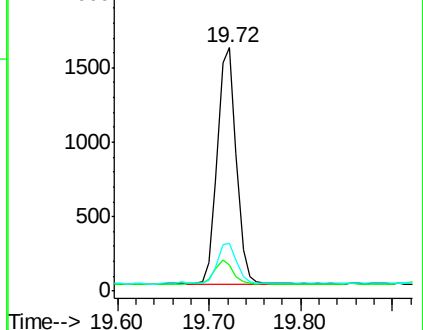
203 17.4 13.7 20.5



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: BE095532.D

Acq: 6 Feb 2018 16:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

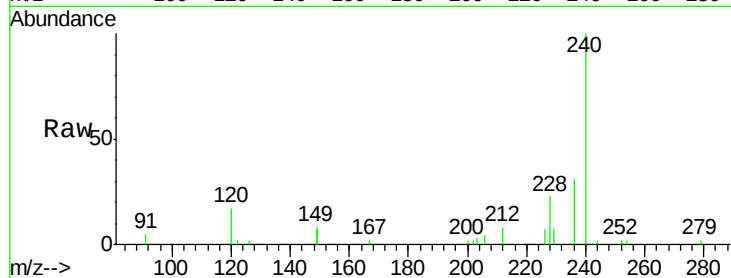
Tot Ion:240 Resp: 6233

Ion Ratio Lower Upper

240 100

120 17.0 5.5 8.3#

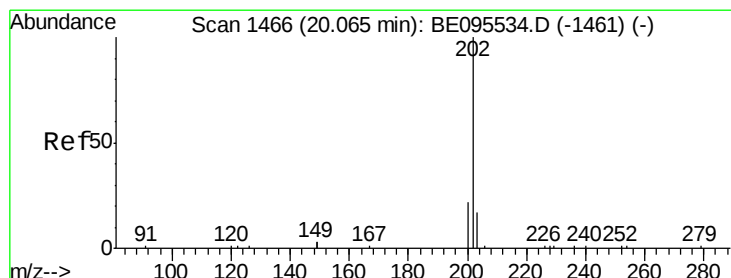
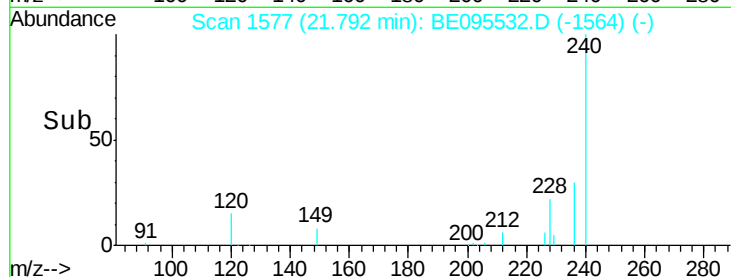
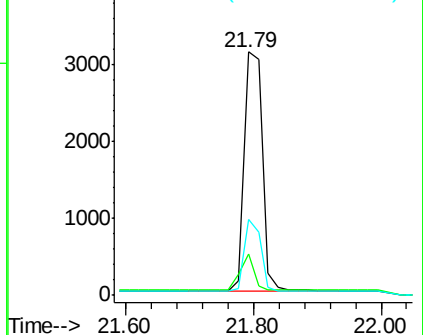
236 30.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.107 ng

RT: 20.06 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

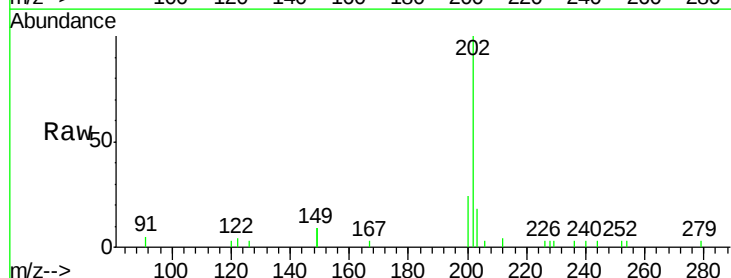
Tgt Ion:202 Resp: 2815

Ion Ratio Lower Upper

202 100

200 22.5 16.6 25.0

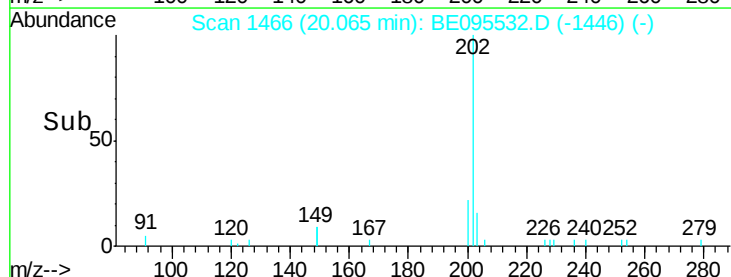
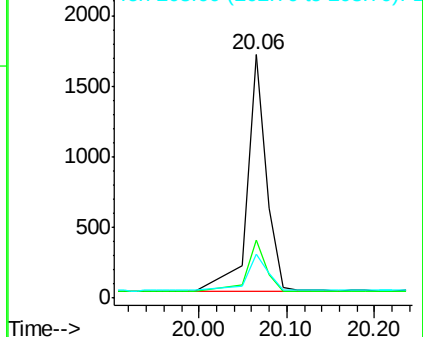
203 17.5 13.8 20.8



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: 0.112 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

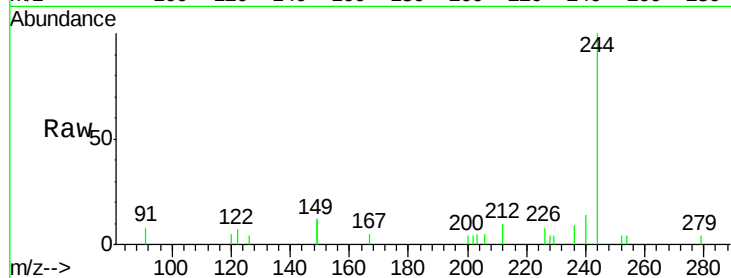
Tot Ion:244 Resp: 1435

Ion Ratio Lower Upper

244 100

212 10.3 25.4 38.0#

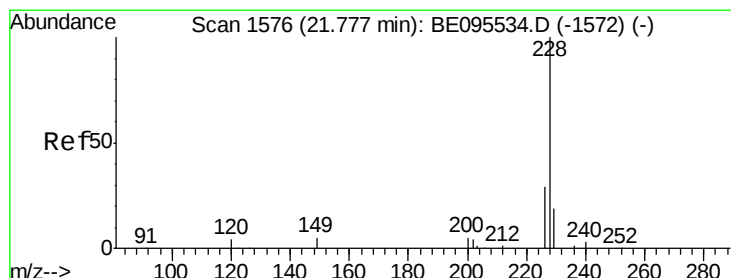
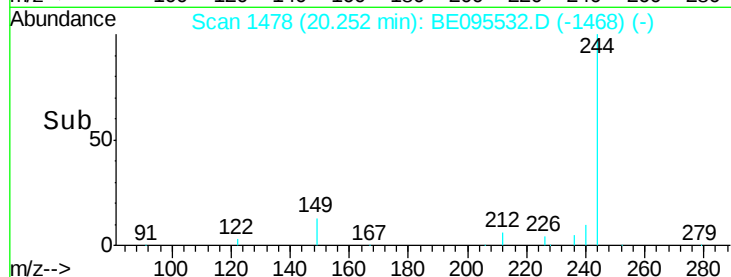
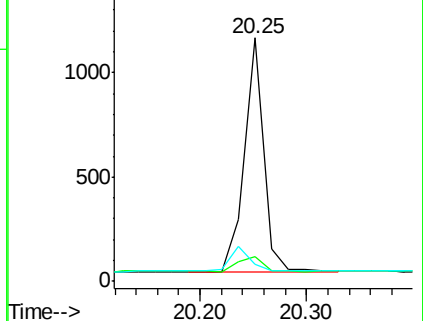
122 7.2 8.1 12.1#



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: 0.108 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

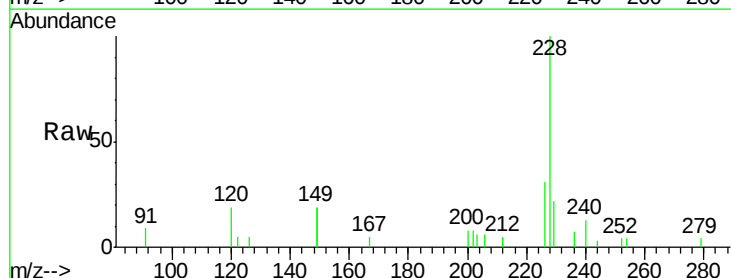
Tgt Ion:228 Resp: 2104

Ion Ratio Lower Upper

228 100

226 31.0 24.0 36.0

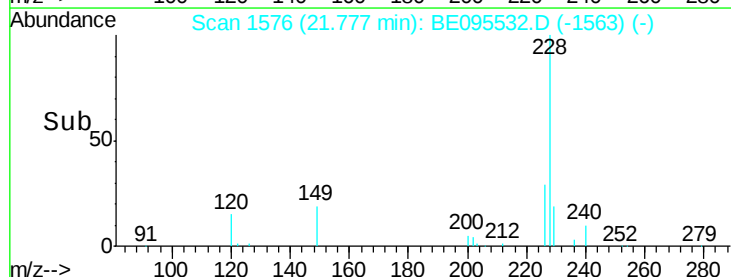
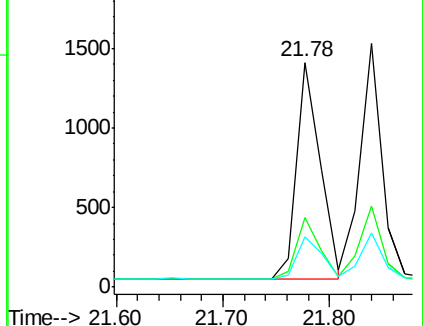
229 22.2 16.0 24.0

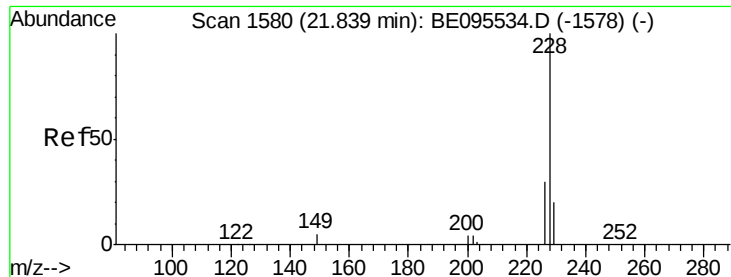


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.106 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

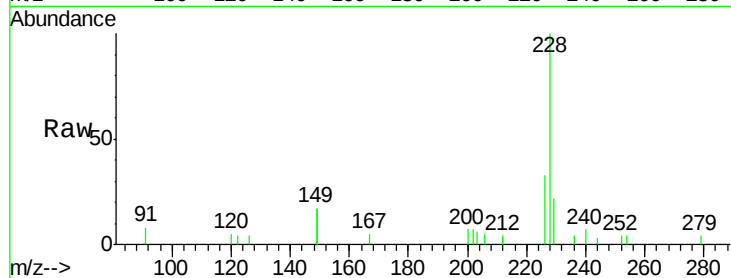
Tot Ion:228 Resp: 2095

Ion Ratio Lower Upper

228 100

226 33.2 24.0 36.0

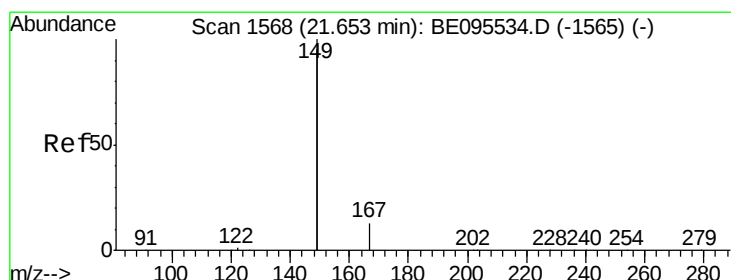
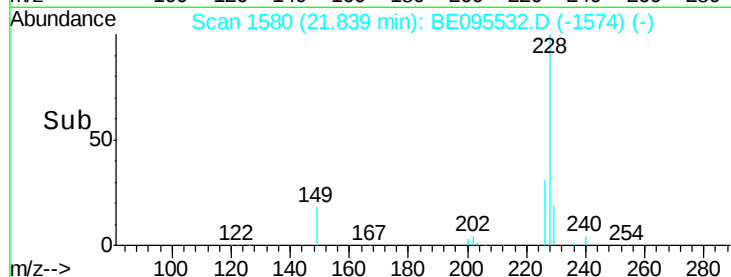
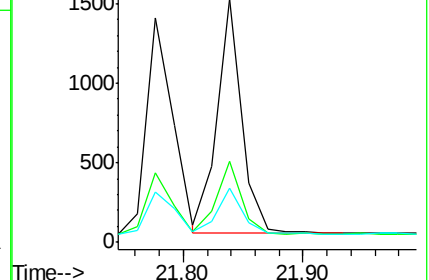
229 22.1 16.0 24.0



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: 0.201 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

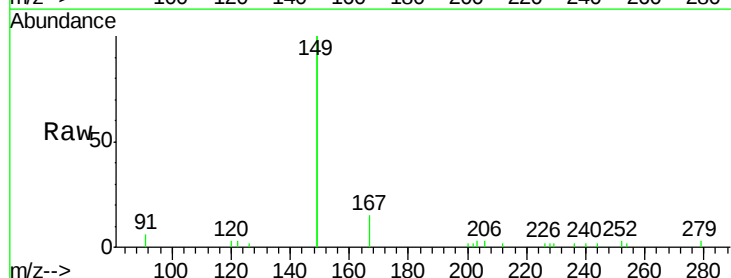
Tgt Ion:149 Resp: 5447

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

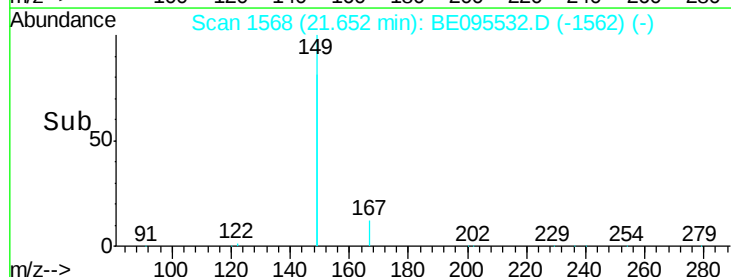
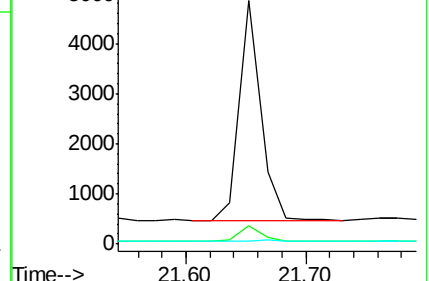
279 0.9 0.7 1.1



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

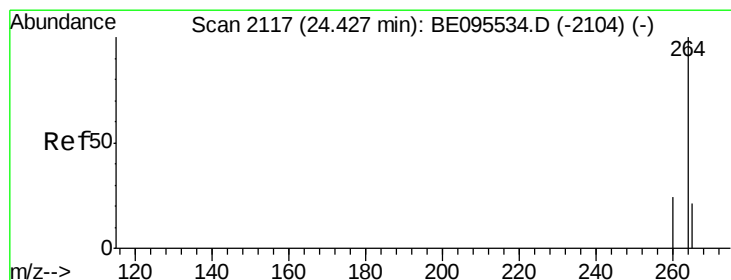
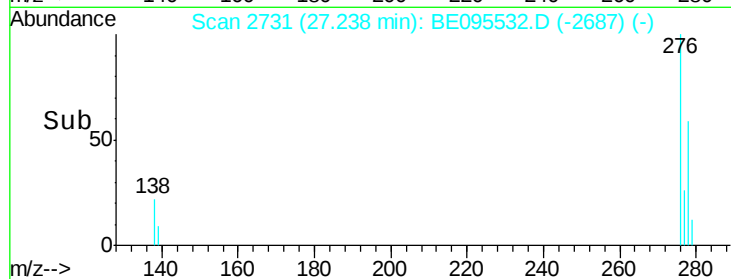
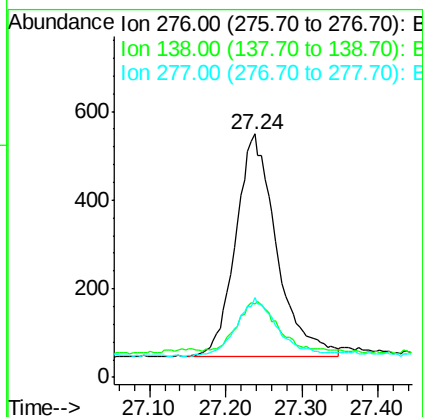
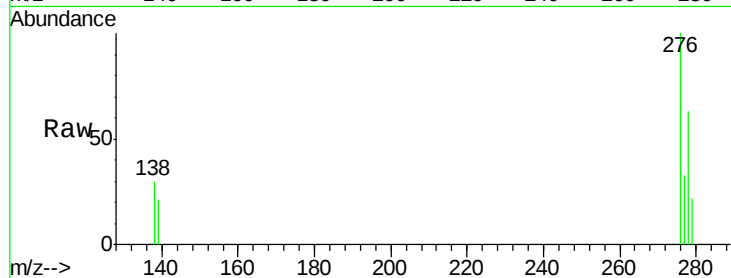




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.104 ng
RT: 27.24 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BE095532.D
Acq: 6 Feb 2018 16:52

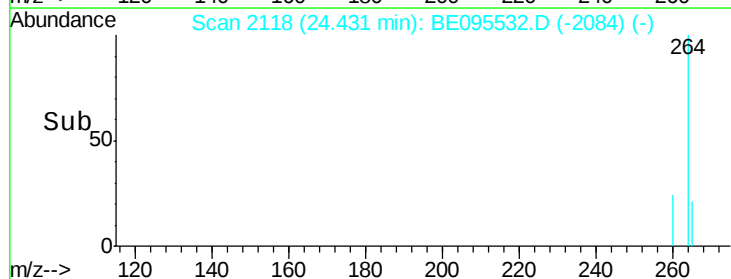
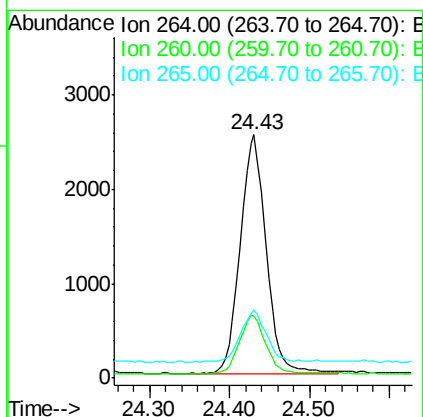
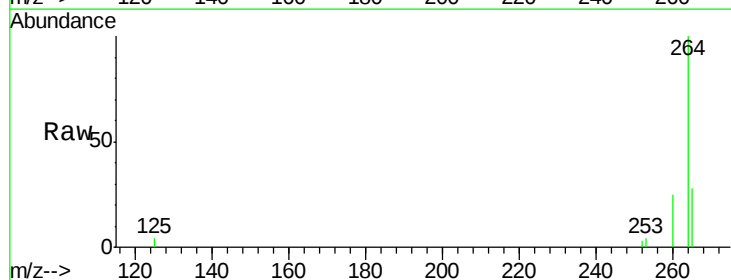
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:276 Resp: 1868
Ion Ratio Lower Upper
276 100
138 22.8 22.5 33.7
277 25.7 19.9 29.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BE095532.D
Acq: 6 Feb 2018 16:52

Tgt Ion:264 Resp: 5742
Ion Ratio Lower Upper
264 100
260 25.4 20.5 30.7
265 28.1 22.8 34.2

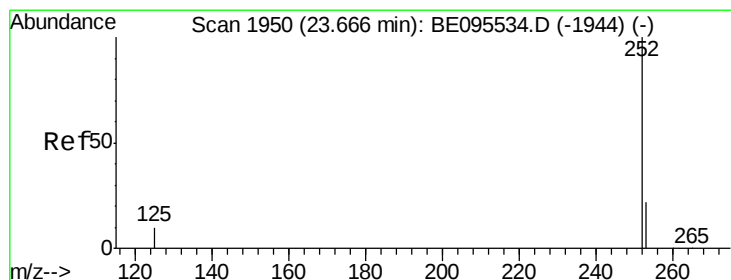
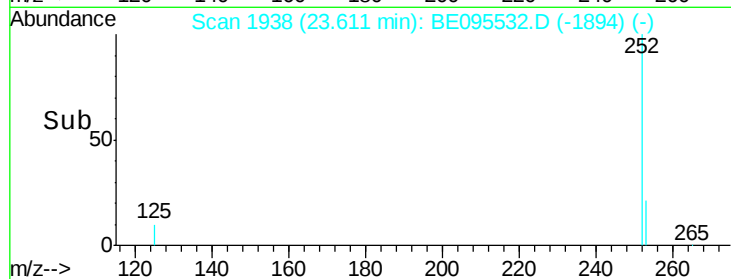
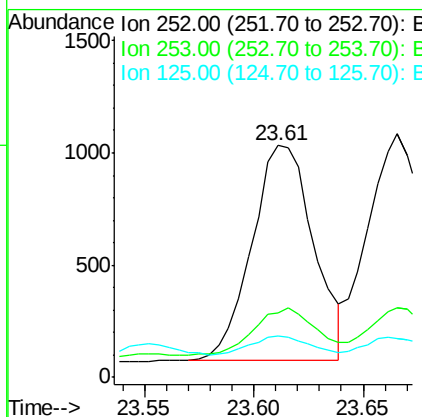
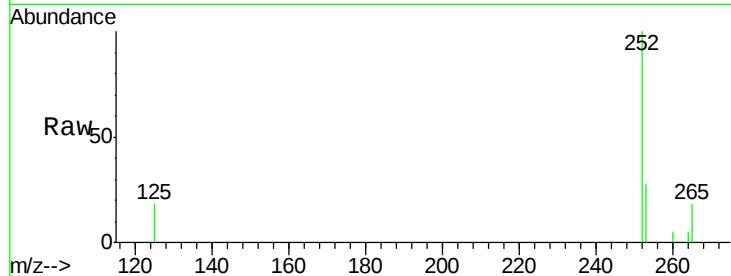




#35
Benzo(b)fluoranthene
Concen: 0.093 ng
RT: 23.61 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BE095532.D
Acq: 6 Feb 2018 16:52

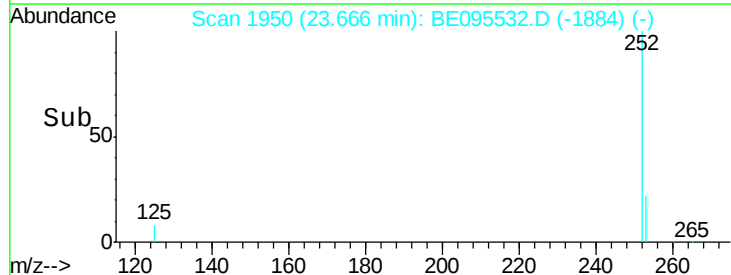
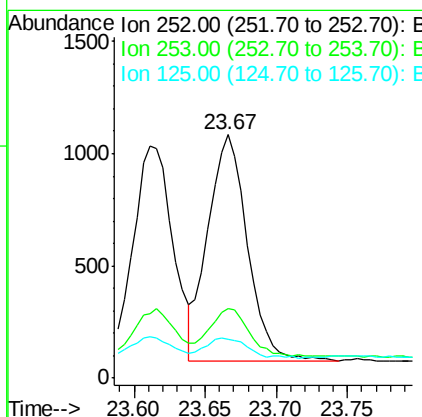
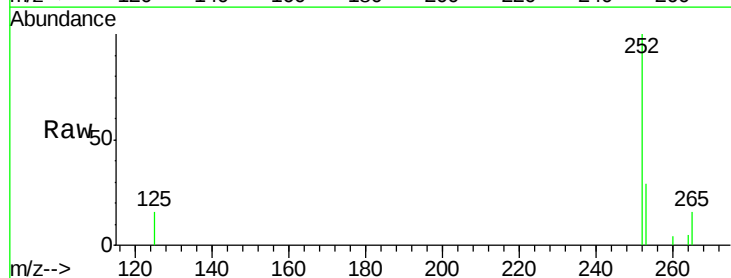
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:252 Resp: 1895
Ion Ratio Lower Upper
252 100
253 28.0 20.0 30.0
125 18.0 16.0 24.0



#36
Benzo(k)fluoranthene
Concen: 0.093 ng
RT: 23.67 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BE095532.D
Acq: 6 Feb 2018 16:52

Tgt Ion:252 Resp: 1936
Ion Ratio Lower Upper
252 100
253 28.6 16.0 24.0#
125 15.8 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.095 ng

RT: 24.31 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

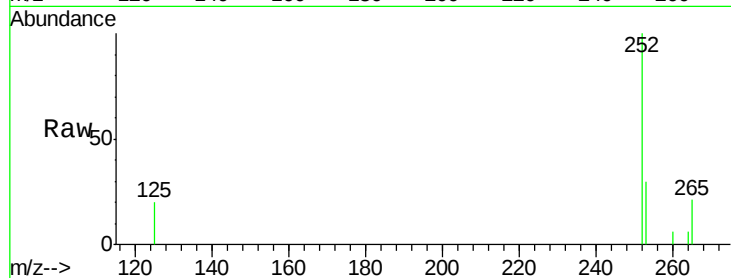
Tot Ion:252 Resp: 1779

Ion Ratio Lower Upper

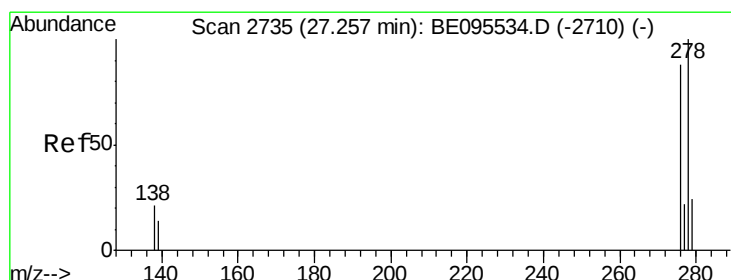
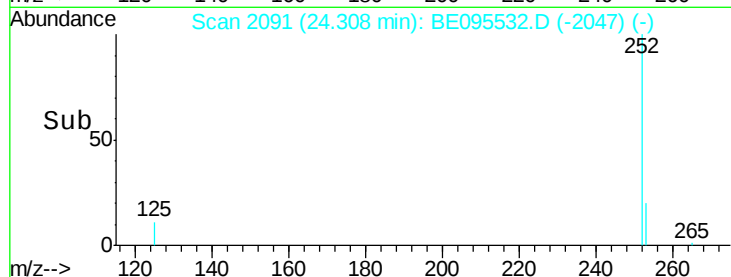
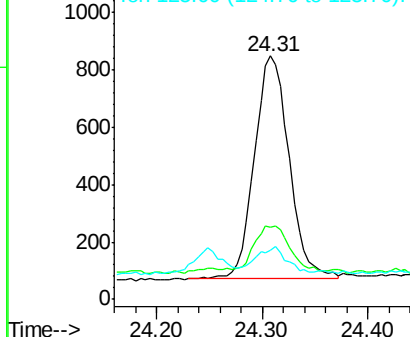
252 100

253 29.8 16.0 24.0#

125 20.0 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: 0.093 ng

RT: 27.26 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

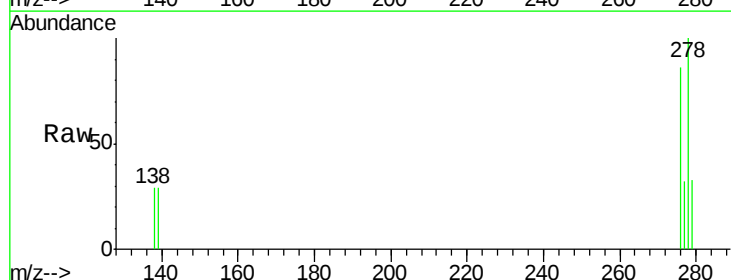
Tgt Ion:278 Resp: 1464

Ion Ratio Lower Upper

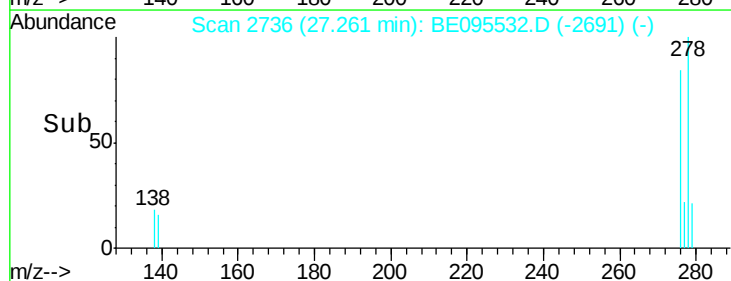
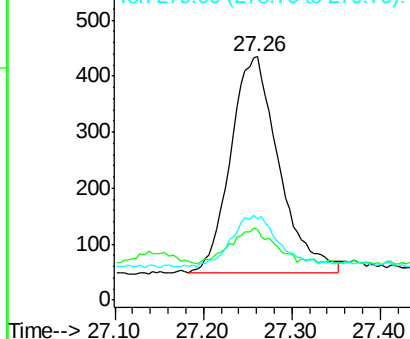
278 100

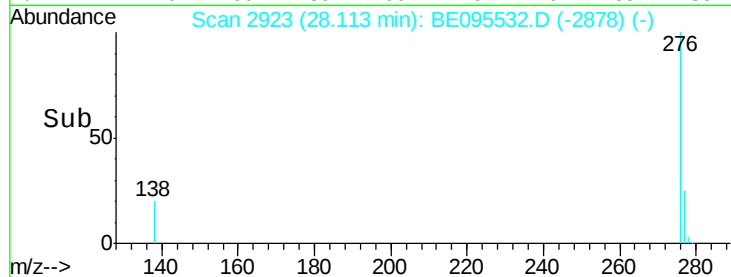
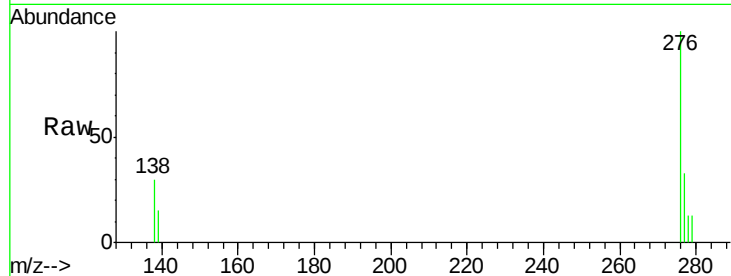
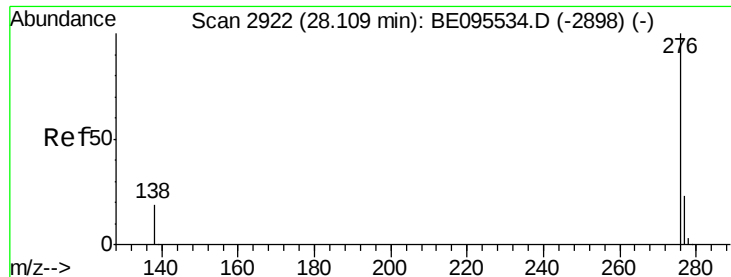
139 29.2 16.0 24.0#

279 33.1 20.0 30.0#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.099 ng

RT: 28.11 min Scan# 2923

Delta R.T. 0.00 min

Lab File: BE095532.D

Acq: 6 Feb 2018 16:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion: 276 Resp: 1682

Ion Ratio Lower Upper

276 100

277 32.7 16.0 24.0#

138 29.7 20.0 30.0

