

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021318\
 Data File : BE095670.D
 Acq On : 12 Feb 2018 20:19
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 13 03:28:02 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 20:27:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1109	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4470	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2700	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6106	0.40	ng	0.00
27) Chrysene-d12	21.79	240	6225	0.40	ng	0.00
34) Perylene-d12	24.42	264	5719	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1425	0.43	ng	0.00
5) Phenol-d6	7.55	99	2101	0.45	ng	-0.01
8) Nitrobenzene-d5	9.61	82	1935	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3036	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	523	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	5269	0.45	ng	-0.02
25) Fluoranthene-d10	19.69	212	30366	0.38	ng	0.00
29) Terphenyl-d14	20.25	244	5795	0.44	ng	0.00

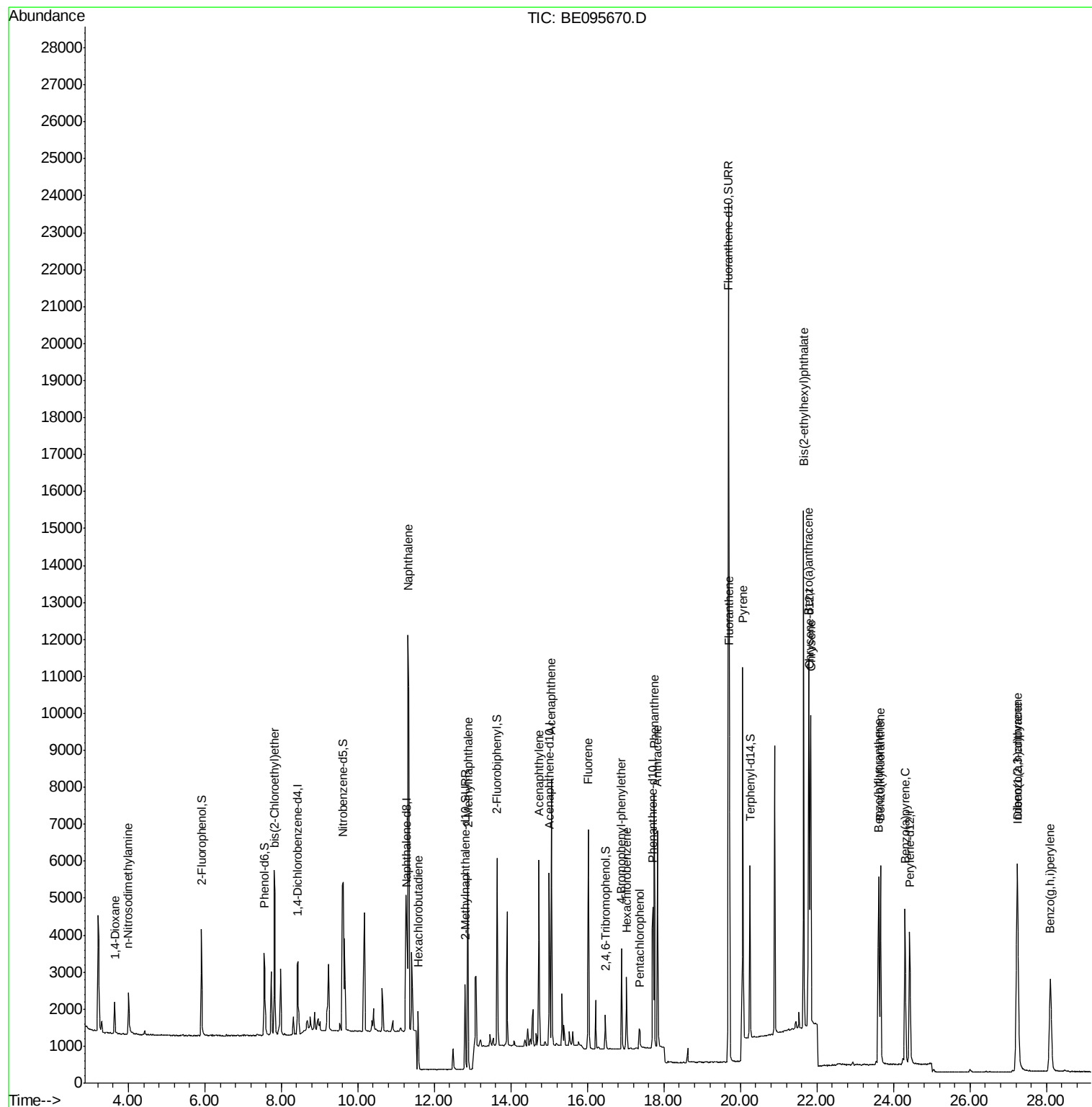
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	681	0.37	ng	# 89
3) n-Nitrosodimethylamine	4.00	42	913	0.40	ng	# 82
6) bis(2-Chloroethyl)ether	7.83	93	1680	0.39	ng	95
9) Naphthalene	11.31	128	20752	0.40	ng	99
10) Hexachlorobutadiene	11.57	225	1224	0.44	ng	96
12) 2-Methylnaphthalene	12.88	142	3614	0.41	ng	98
16) Acenaphthylene	14.73	152	5854	0.38	ng	99
17) Acenaphthene	15.06	154	3728	0.39	ng	95
18) Fluorene	16.02	166	4574	0.38	ng	# 78
20) 4-Bromophenyl-phenylether	16.89	248	1451	0.40	ng	# 66
21) Hexachlorobenzene	17.03	284	1511	0.40	ng	# 82
22) Pentachlorophenol	17.37	266	381	0.41	ng	# 78
23) Phenanthrene	17.74	178	7483	0.40	ng	98
24) Anthracene	17.83	178	6731	0.38	ng	95
26) Fluoranthene	19.72	202	8960	0.38	ng	97
28) Pyrene	20.07	202	10339	0.40	ng	99
30) Benzo(a)anthracene	21.78	228	8155	0.39	ng	98
31) Chrysene	21.84	228	8106	0.40	ng	100
32) Bis(2-ethylhexyl)phthalate	21.65	149	15733	0.33	ng	100
33) Indeno(1,2,3-cd)pyrene	27.23	276	8197	0.42	ng	94
35) Benzo(b)fluoranthene	23.61	252	7983	0.41	ng	# 91
36) Benzo(k)fluoranthene	23.66	252	7787	0.39	ng	95
37) Benzo(a)pyrene	24.31	252	7212	0.40	ng	93
38) Dibenzo(a,h)anthracene	27.25	278	6728	0.42	ng	97
39) Benzo(g,h,i)perylene	28.10	276	6868	0.40	ng	# 91

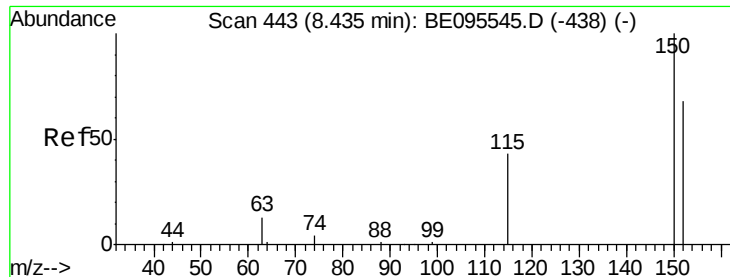
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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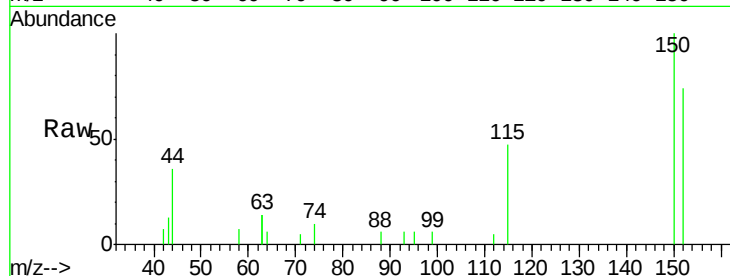


#1

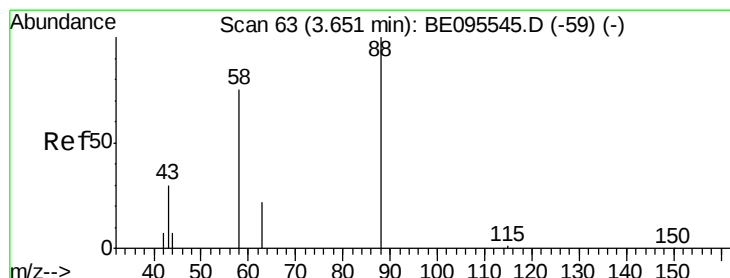
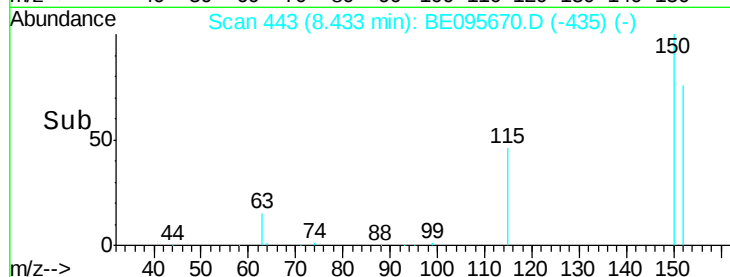
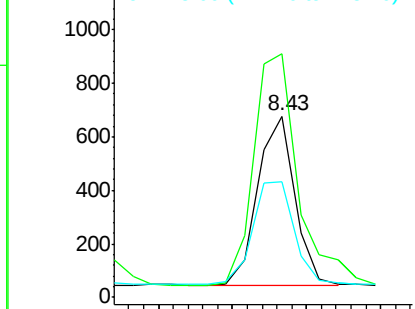
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.43 min Scan# 443
Delta R.T. -0.00 min
Lab File: BE095670.D
Acq: 12 Feb 2018 20:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1109
Ion Ratio Lower Upper
152 100
150 134.4 117.2 175.8
115 63.7 57.0 85.6



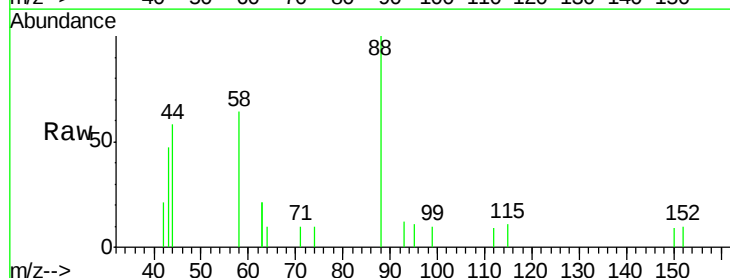
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



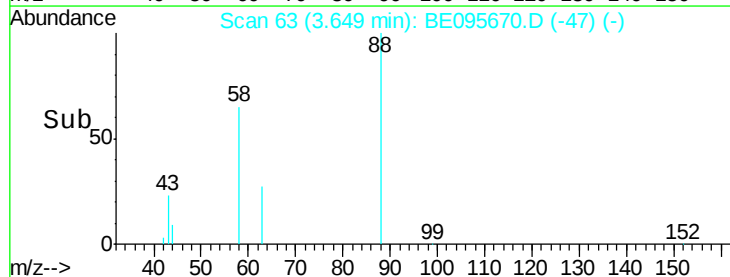
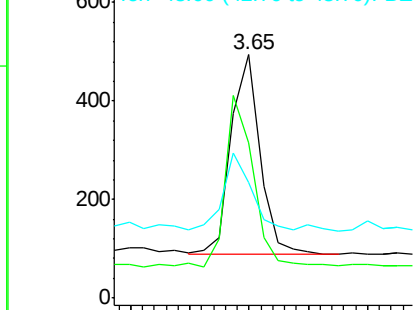
#2

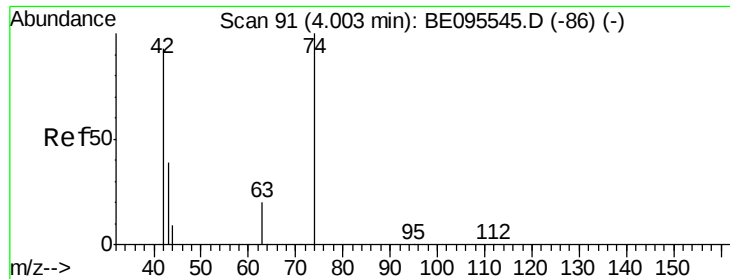
1,4-Dioxane
Concen: 0.37 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE095670.D
Acq: 12 Feb 2018 20:19

Tgt Ion: 88 Resp: 681
Ion Ratio Lower Upper
88 100
58 83.6 63.2 94.8
43 37.0 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: 0.40 ng

RT: 4.00 min Scan# 91

Delta R.T. -0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

Instrument :

BNA_E

ClientSampleId :

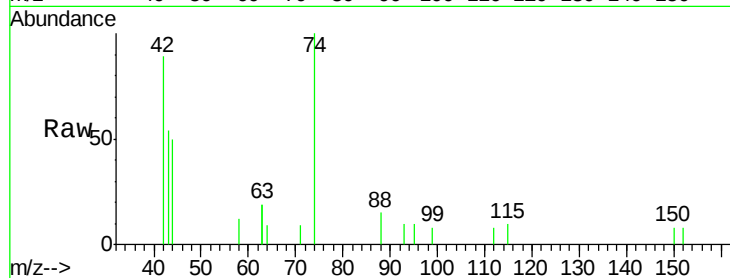
Tot Ion: 42 Resp: 913

Ion Ratio Lower Upper

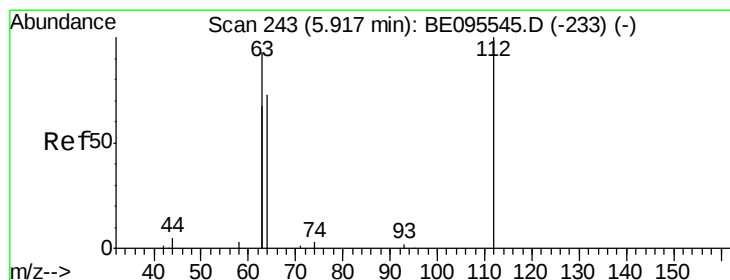
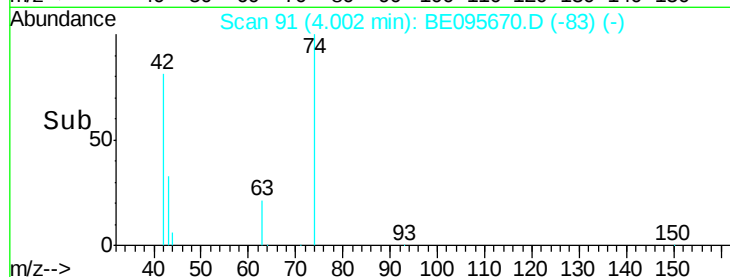
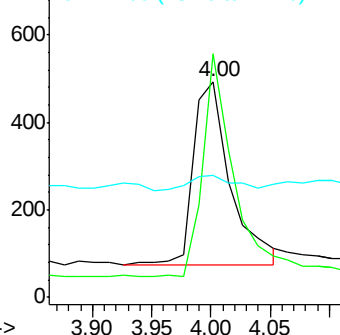
42 100

74 99.6 96.0 144.0

44 10.2 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: 0.43 ng

RT: 5.92 min Scan# 243

Delta R.T. -0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

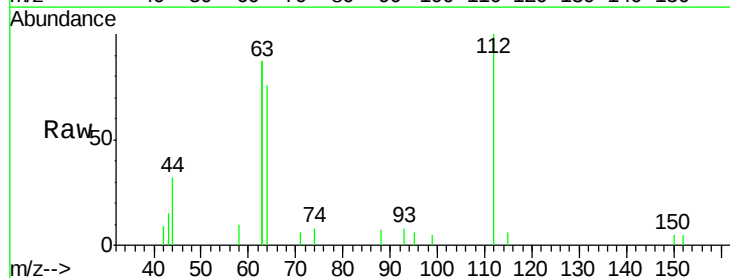
Tgt Ion: 112 Resp: 1425

Ion Ratio Lower Upper

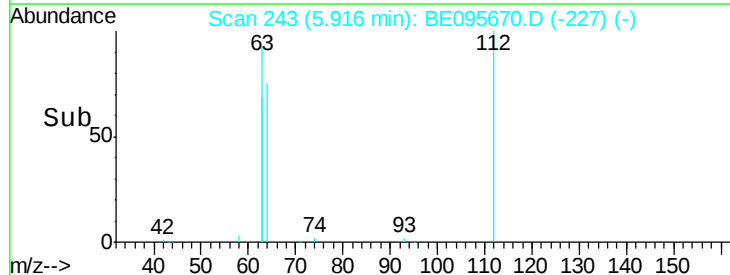
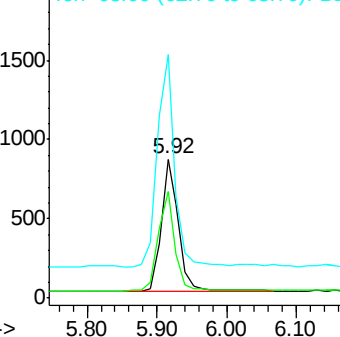
112 100

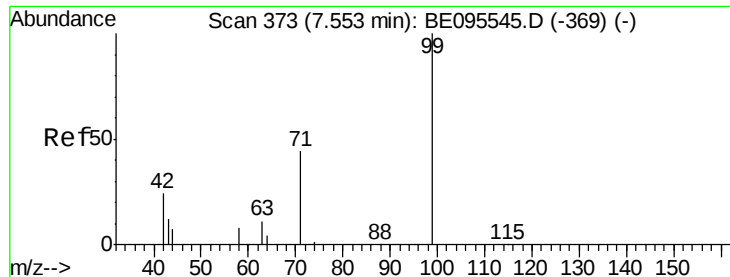
64 73.5 60.1 90.1

63 162.7 116.8 175.2



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: 0.45 ng

RT: 7.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

Instrument :

BNA_E

ClientSampled :

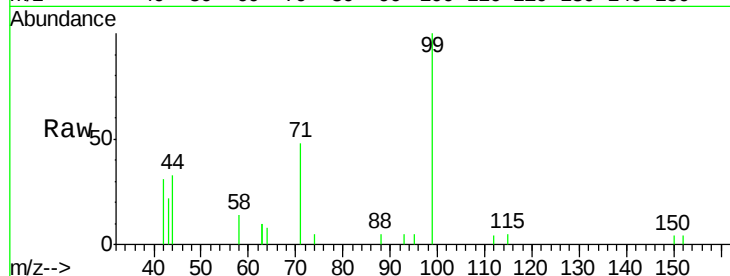
Tot Ion: 99 Resp: 2101

Ion Ratio Lower Upper

99 100

42 24.6 20.2 30.2

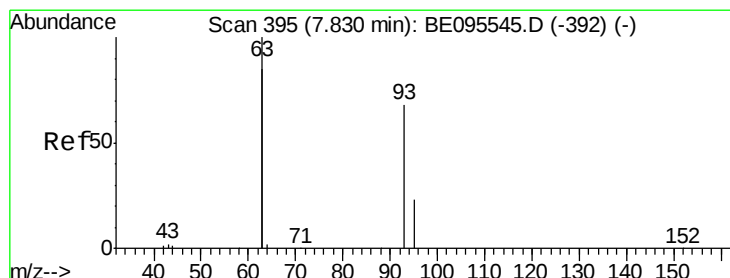
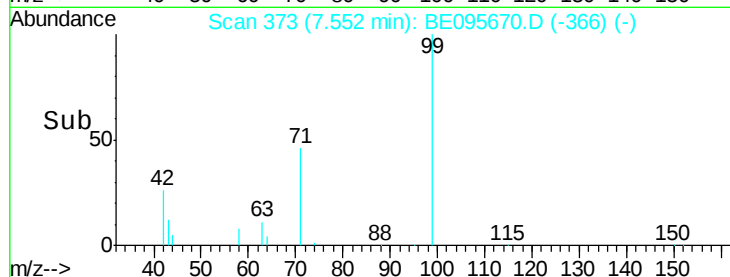
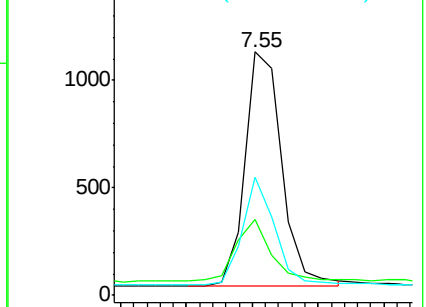
71 40.5 28.4 42.6



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: 0.39 ng

RT: 7.83 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

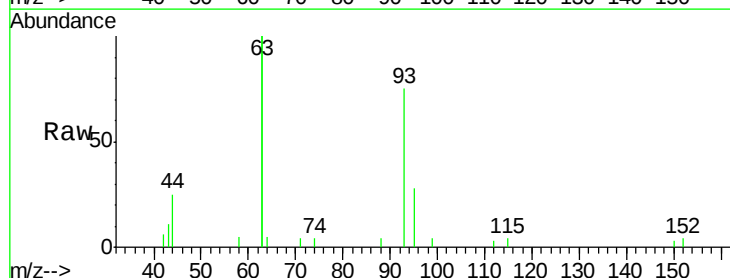
Tgt Ion: 93 Resp: 1680

Ion Ratio Lower Upper

93 100

63 331.3 275.3 412.9

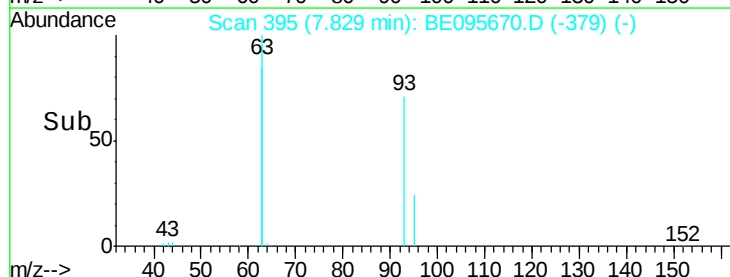
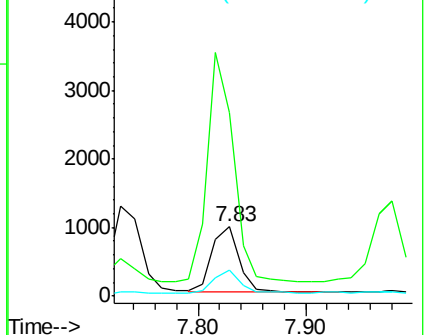
95 31.4 25.2 37.8

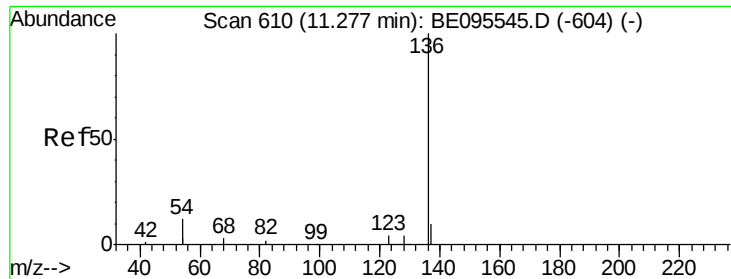


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4470

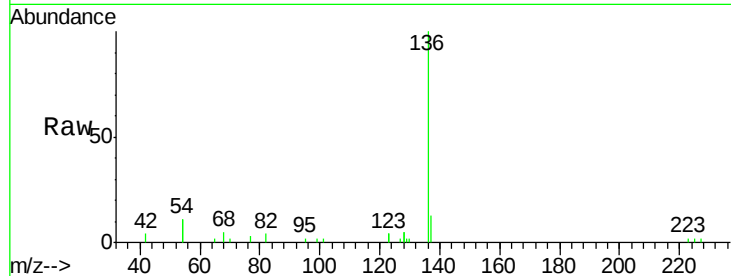
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 22.2 29.1 43.7#

68 4.9 6.2 9.2#

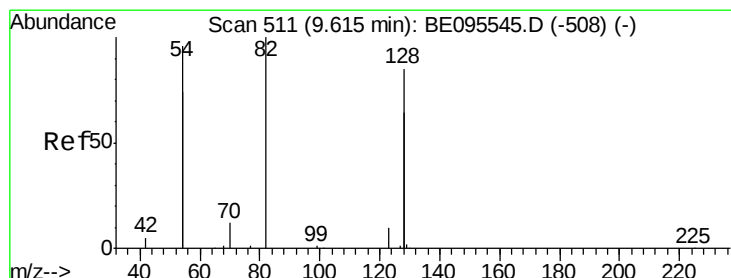
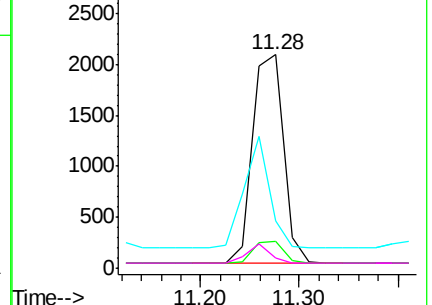
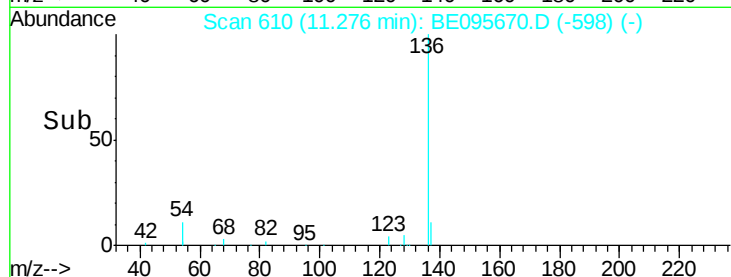


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.41 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

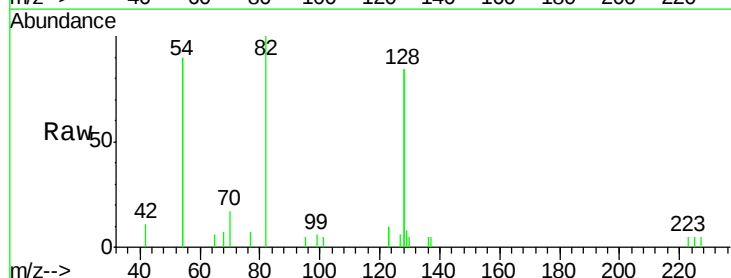
Tgt Ion: 82 Resp: 1935

Ion Ratio Lower Upper

82 100

128 167.8 150.0 225.0

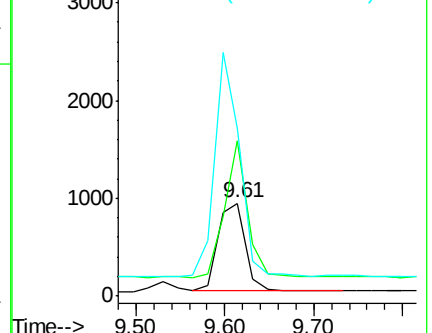
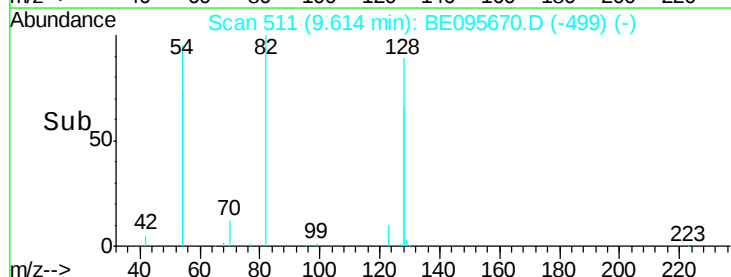
54 180.6 154.2 231.4

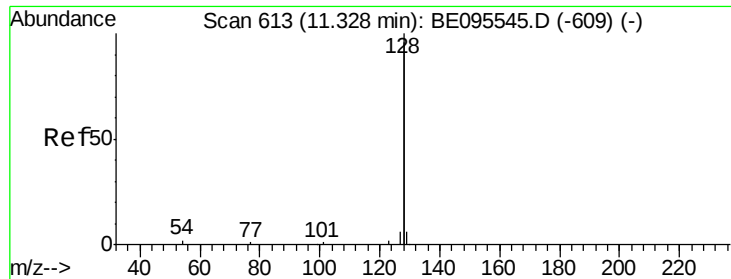


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.40 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

Instrument :

BNA_E

ClientSampleId :

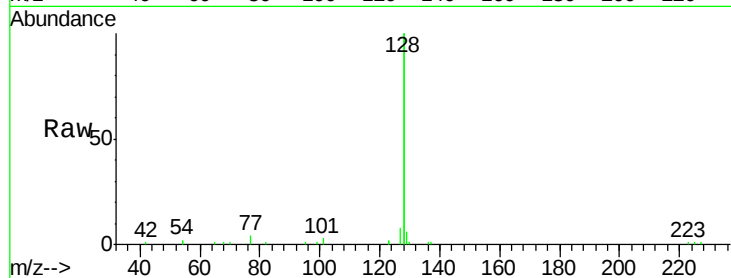
Tot Ion:128 Resp: 20752

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

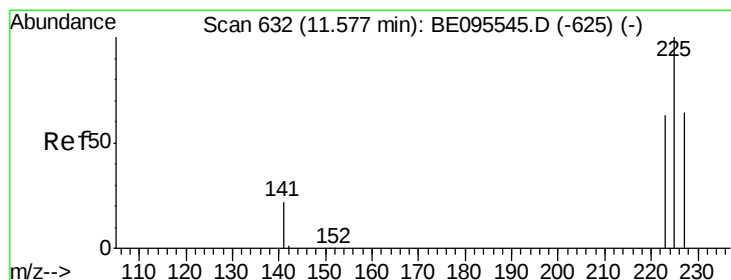
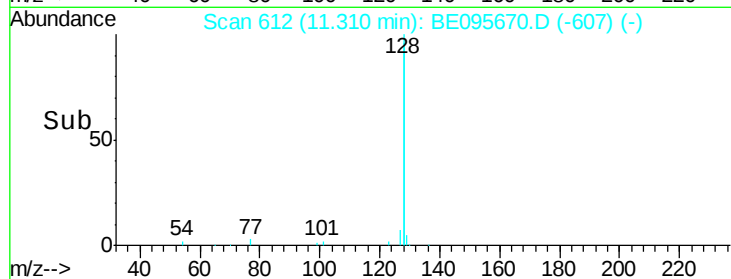
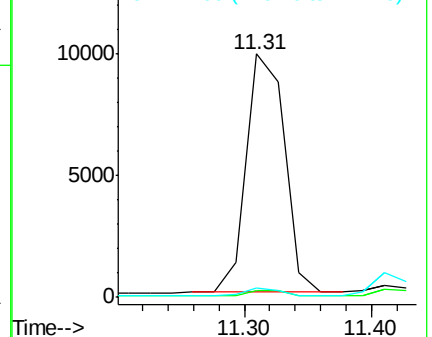
127 3.8 2.8 4.2



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: 0.44 ng

RT: 11.57 min Scan# 631

Delta R.T. -0.01 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

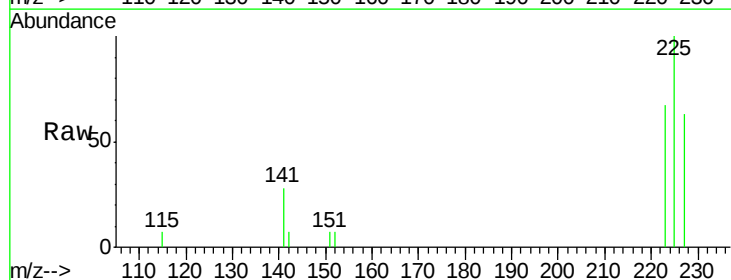
Tgt Ion:225 Resp: 1224

Ion Ratio Lower Upper

225 100

223 62.6 53.0 79.6

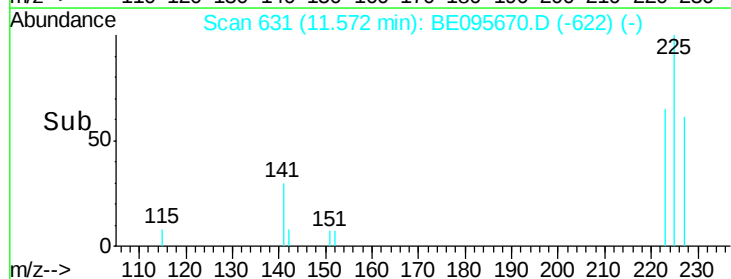
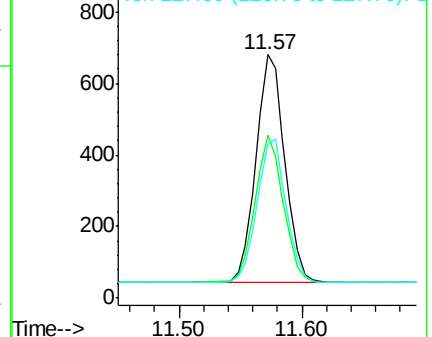
227 62.3 51.4 77.2

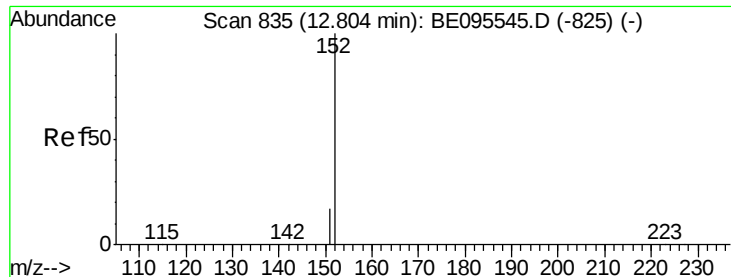


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

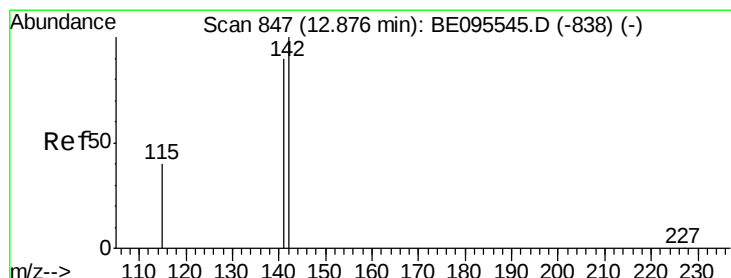
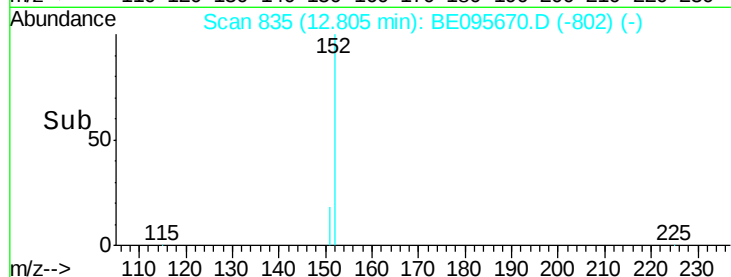
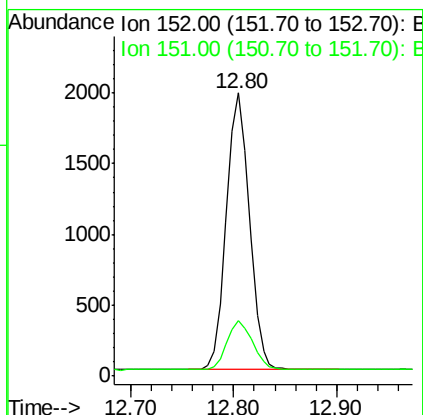
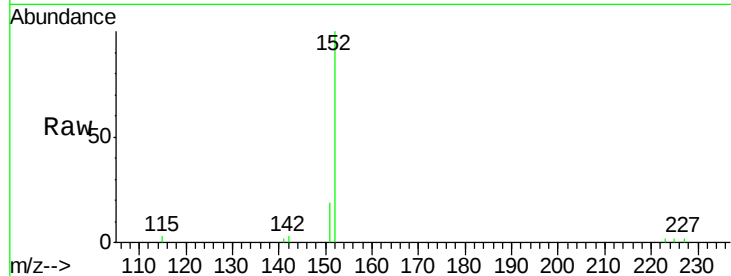




#11
2-Methylnaphthalene-d10
Concen: 0.41 ng
RT: 12.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE095670.D
Acq: 12 Feb 2018 20:19

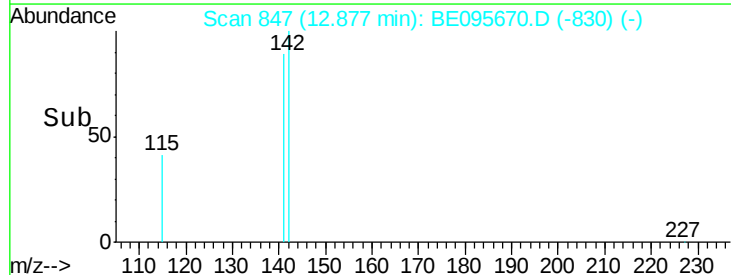
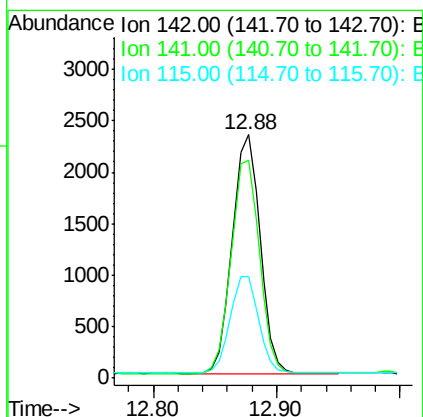
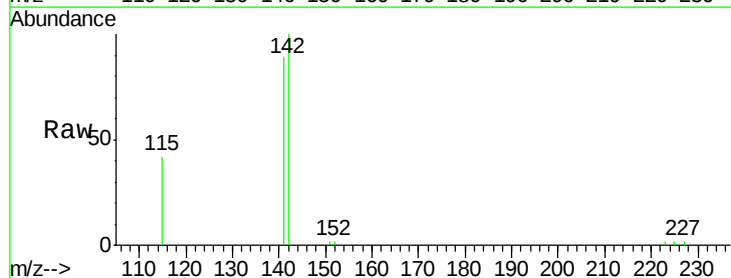
Instrument :
BNA_E
ClientSampleId :

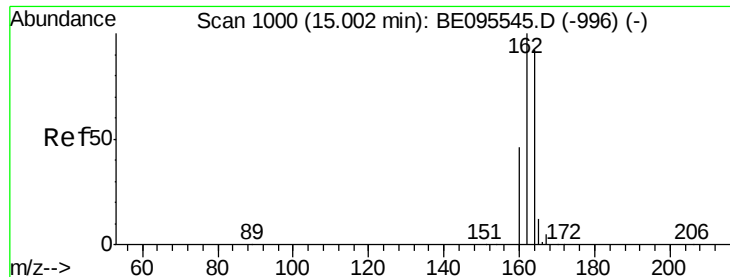
Tot Ion:152 Resp: 3036
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.41 ng
RT: 12.88 min Scan# 847
Delta R.T. -0.00 min
Lab File: BE095670.D
Acq: 12 Feb 2018 20:19

Tgt Ion:142 Resp: 3614
Ion Ratio Lower Upper
142 100
141 89.5 70.4 105.6
115 41.9 31.7 47.5

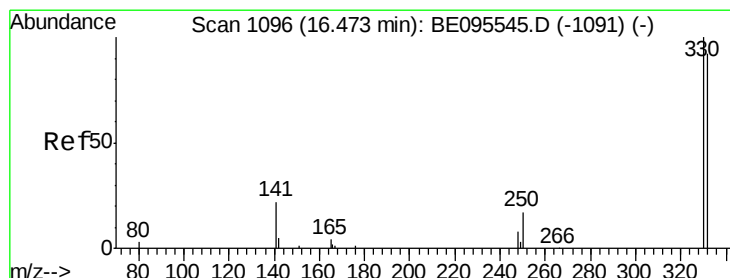
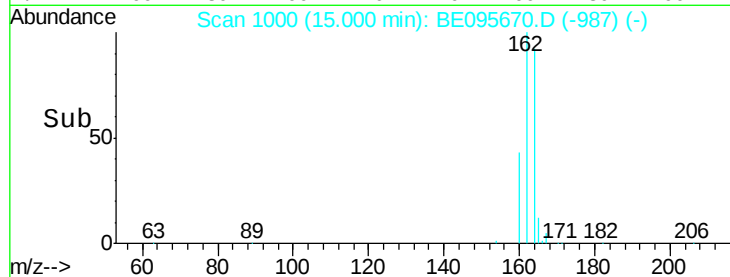
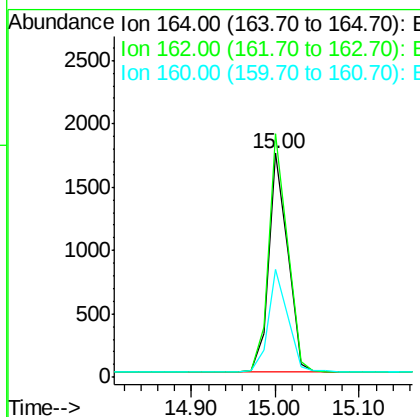
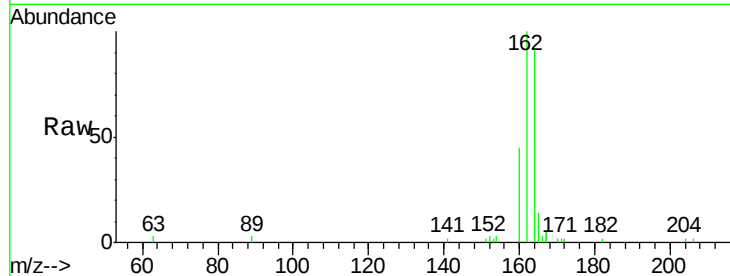




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 15.00 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BE095670.D
 Acq: 12 Feb 2018 20:19

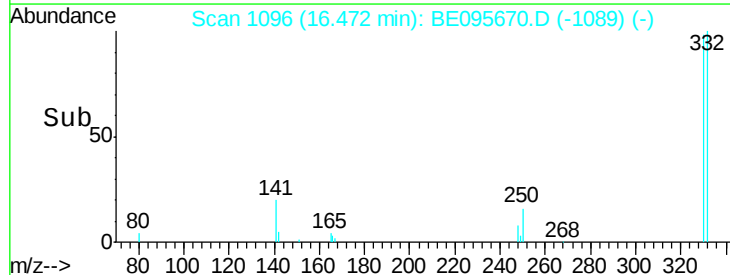
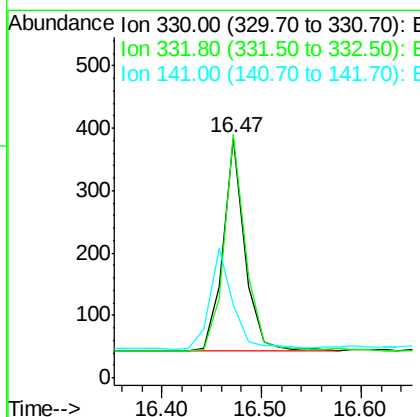
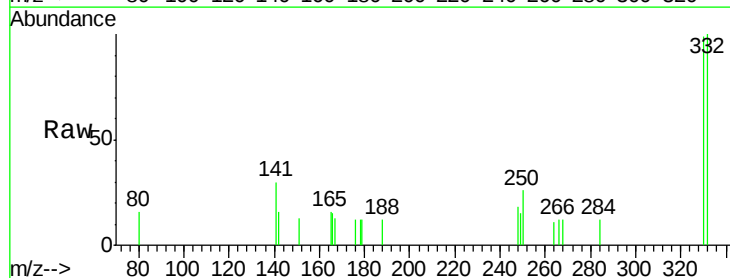
Instrument :
 BNA_E
 ClientSampleId :

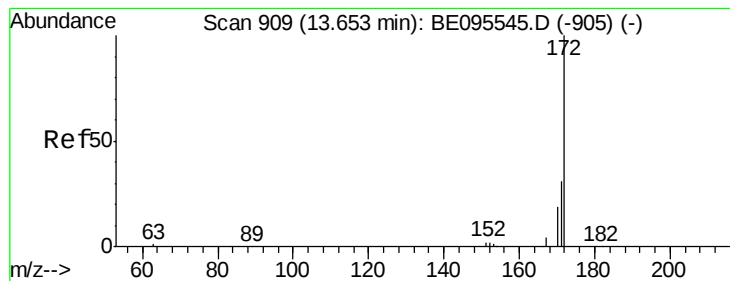
Tot Ion:164 Resp: 2700
 Ion Ratio Lower Upper
 164 100
 162 108.7 83.1 124.7
 160 48.4 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.43 ng
 RT: 16.47 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BE095670.D
 Acq: 12 Feb 2018 20:19

Tgt Ion:330 Resp: 523
 Ion Ratio Lower Upper
 330 100
 332 100.6 152.7 229.1#
 141 50.7 33.7 50.5#

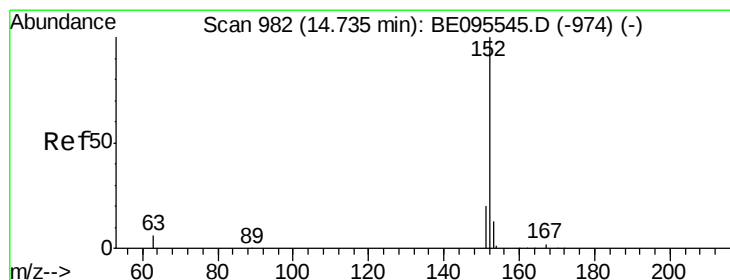
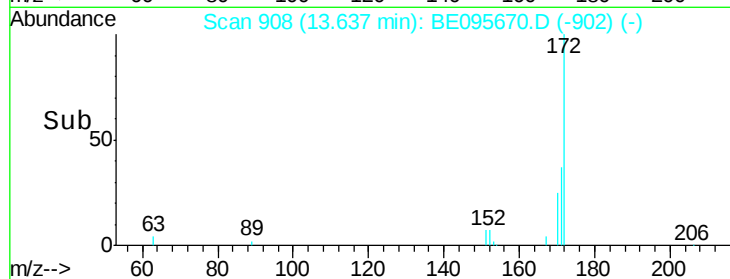
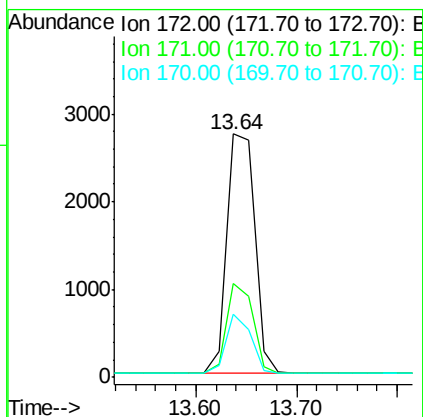
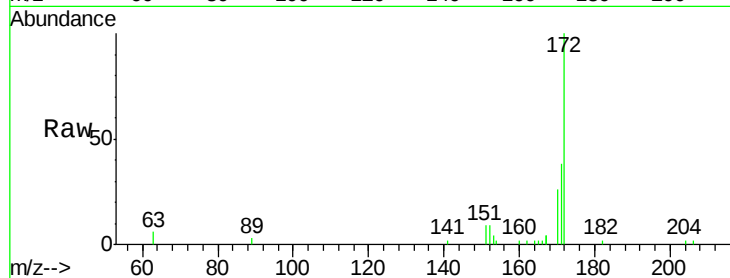




#15
2-Fluorobiphenyl
Concen: 0.45 ng
RT: 13.64 min Scan# 908
Delta R.T. -0.02 min
Lab File: BE095670.D
Acq: 12 Feb 2018 20:19

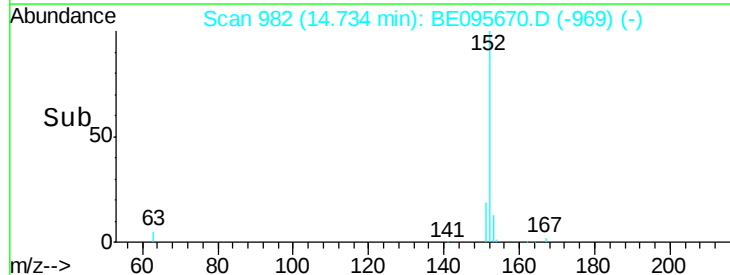
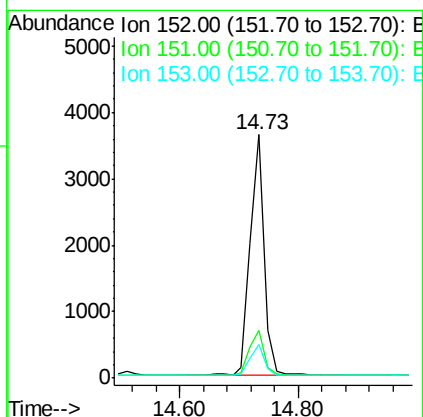
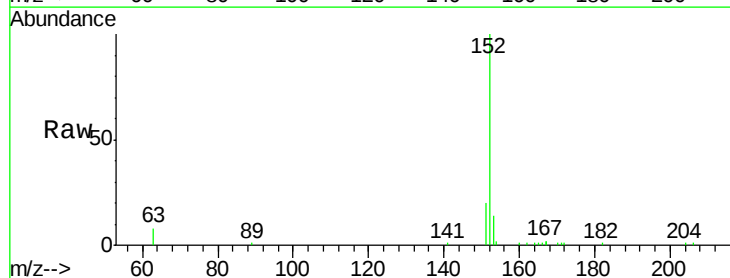
Instrument :
BNA_E
ClientSampleId :

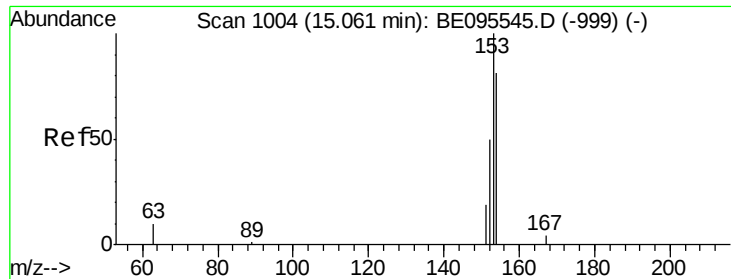
Tot Ion:172 Resp: 5269
Ion Ratio Lower Upper
172 100
171 38.3 29.9 44.9
170 26.0 21.8 32.8



#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.73 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095670.D
Acq: 12 Feb 2018 20:19

Tgt Ion:152 Resp: 5854
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.39 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

Instrument :

BNA_E

ClientSampleId :

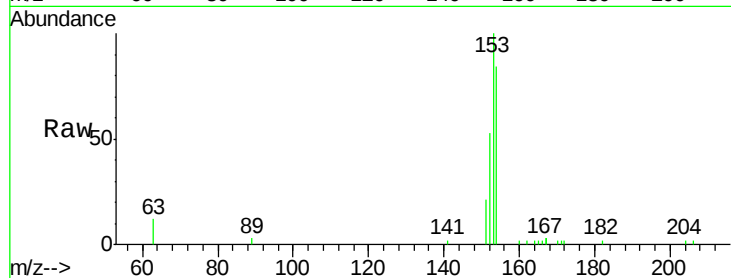
Tot Ion:154 Resp: 3728

Ion Ratio Lower Upper

154 100

153 115.3 89.2 133.8

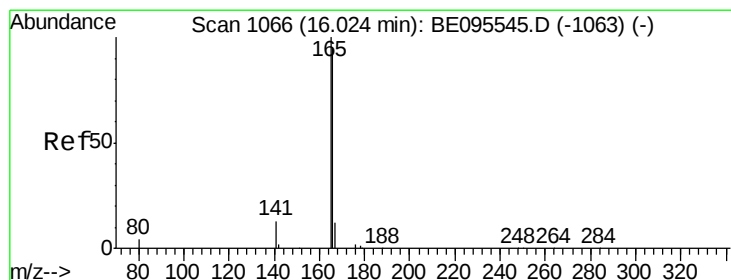
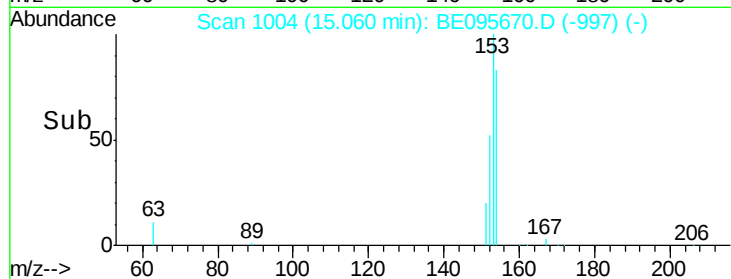
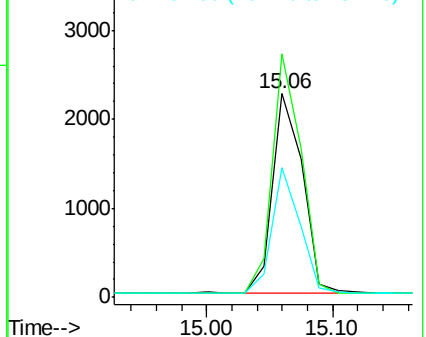
152 58.3 42.0 63.0



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: 0.38 ng

RT: 16.02 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

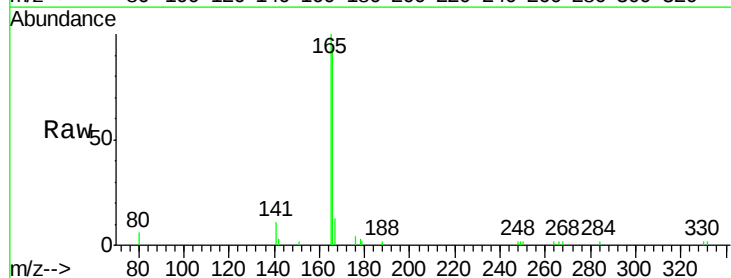
Tgt Ion:166 Resp: 4574

Ion Ratio Lower Upper

166 100

165 100.8 77.8 116.6

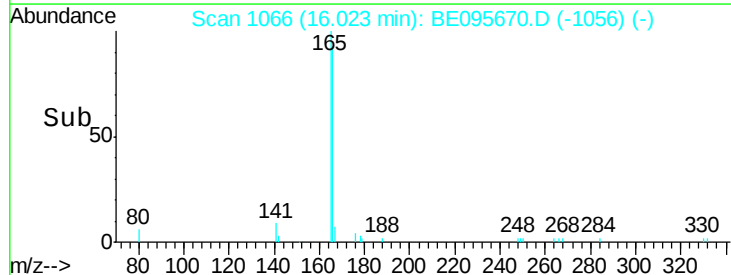
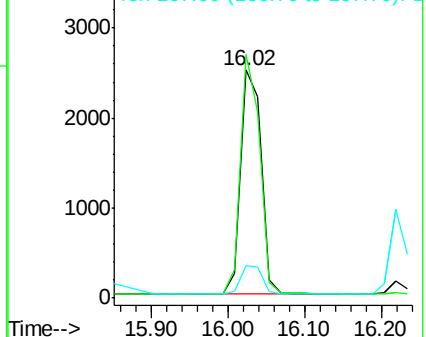
167 13.3 42.4 63.6#

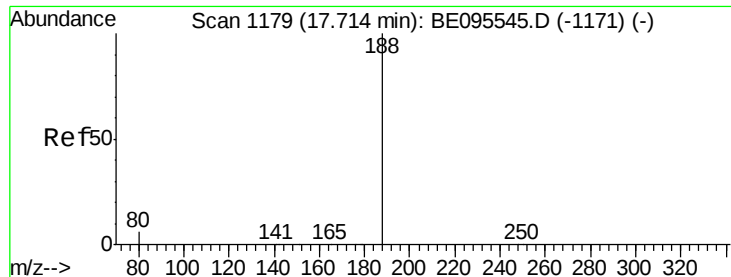


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.71 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

Instrument :

BNA_E

ClientSampleId :

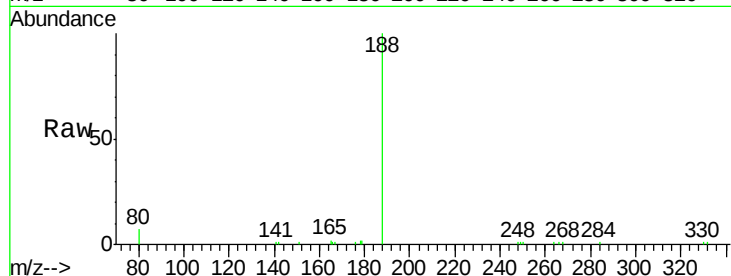
Tot Ion:188 Resp: 6106

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

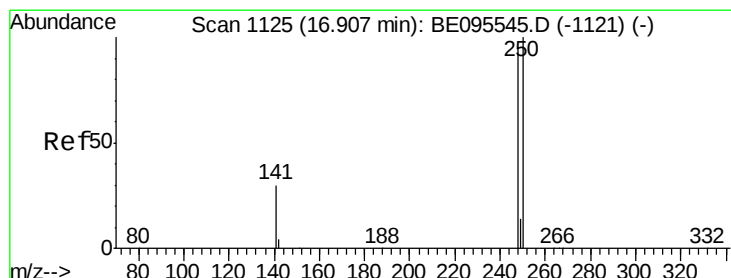
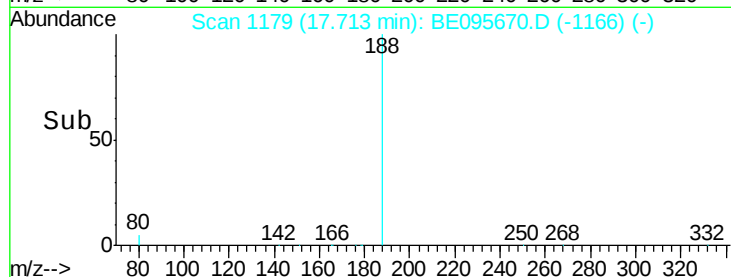
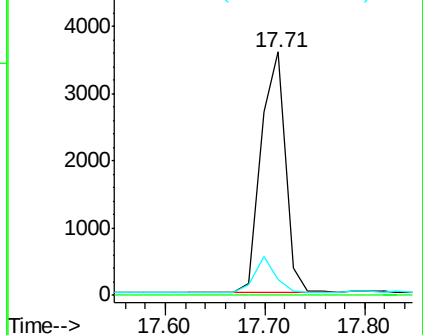
80 6.6 3.6 5.4#



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: 0.40 ng

RT: 16.89 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

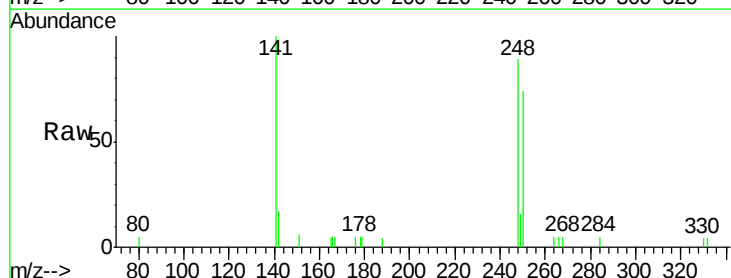
Tgt Ion:248 Resp: 1451

Ion Ratio Lower Upper

248 100

250 83.8 62.7 94.1

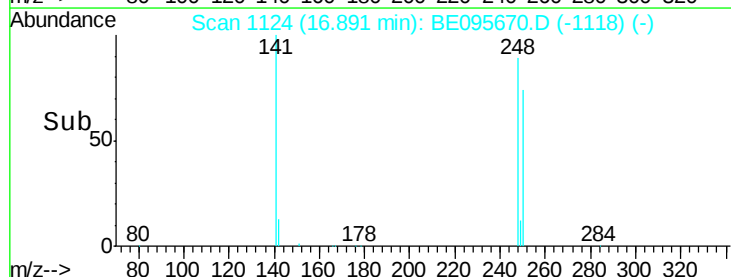
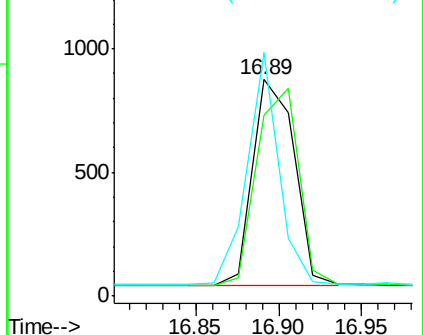
141 112.6 48.2 72.2#

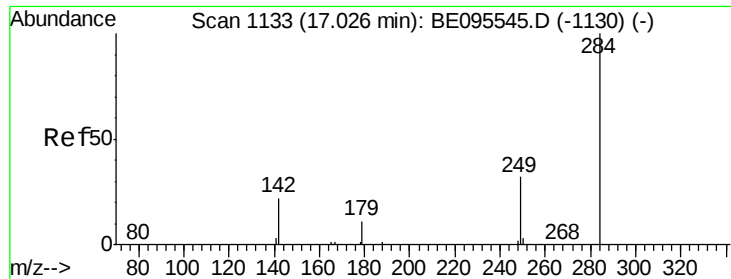


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.40 ng

RT: 17.03 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

Instrument :

BNA_E

ClientSampled :

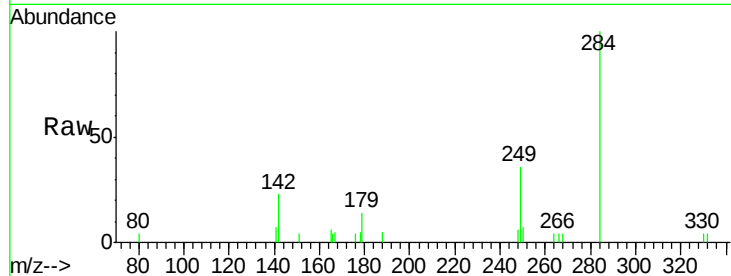
Tot Ion:284 Resp: 1511

Ion Ratio Lower Upper

284 100

142 41.4 22.1 33.1#

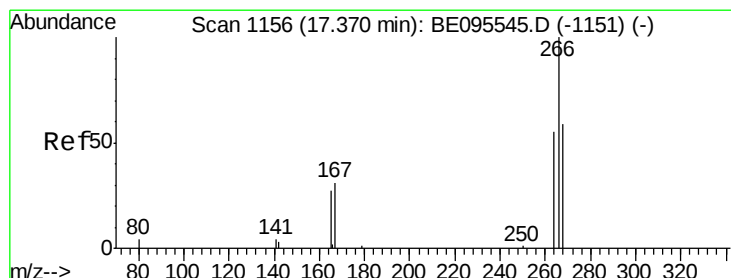
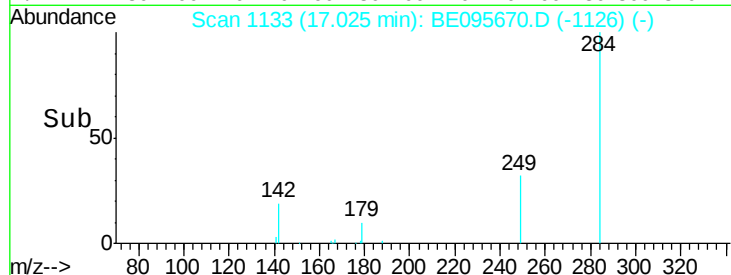
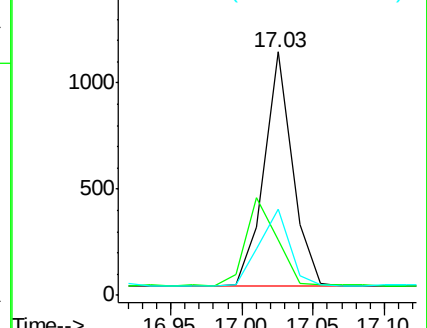
249 35.6 34.8 52.2



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: 0.41 ng

RT: 17.37 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

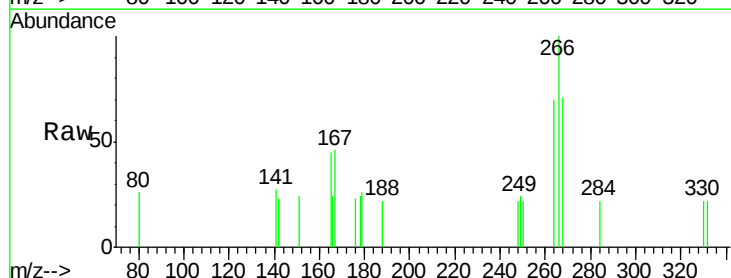
Tgt Ion:266 Resp: 381

Ion Ratio Lower Upper

266 100

264 70.4 72.5 108.7#

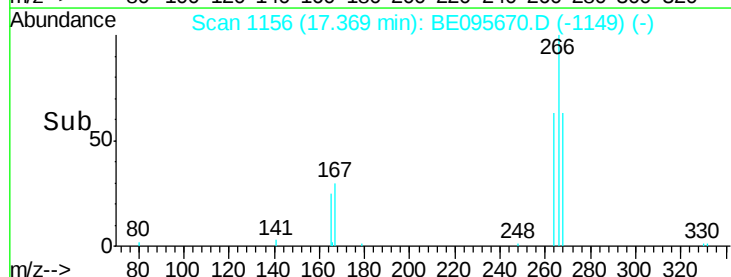
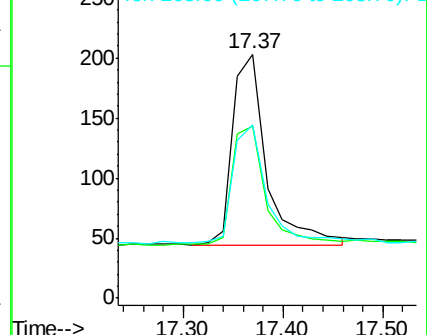
268 70.9 73.8 110.6#

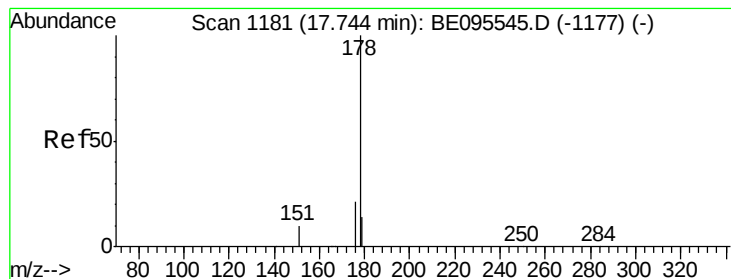


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.40 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

Instrument :

BNA_E

ClientSampleId :

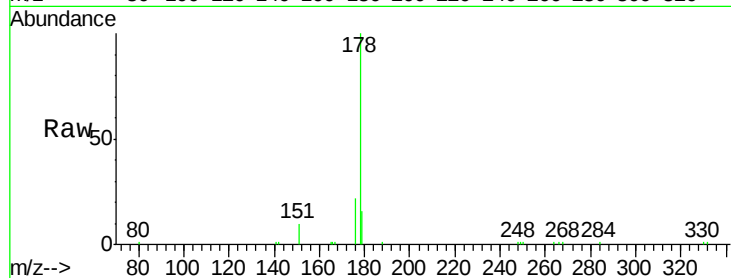
Tot Ion:178 Resp: 7483

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

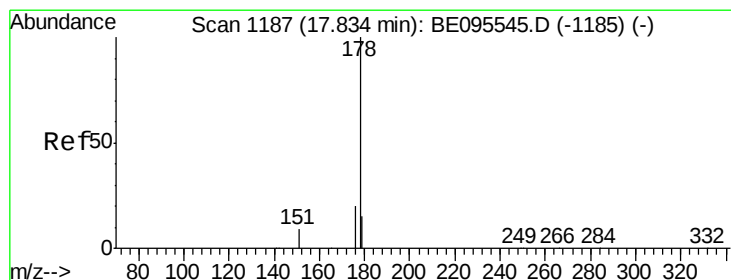
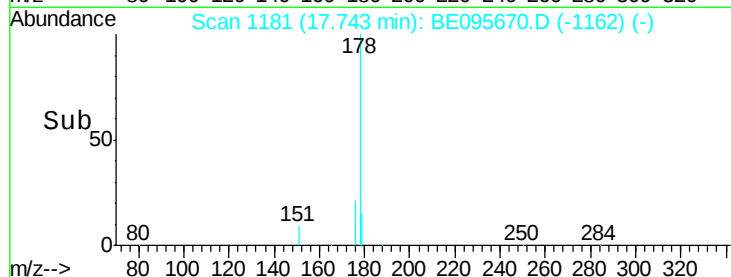
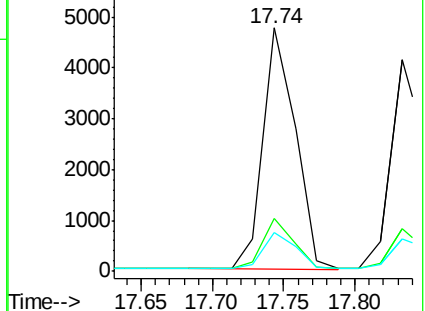
179 15.1 11.8 17.6



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: 0.38 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

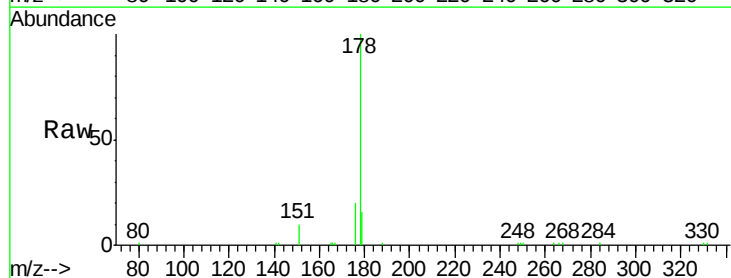
Tgt Ion:178 Resp: 6731

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

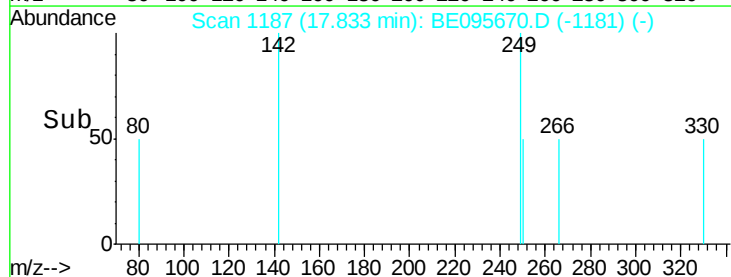
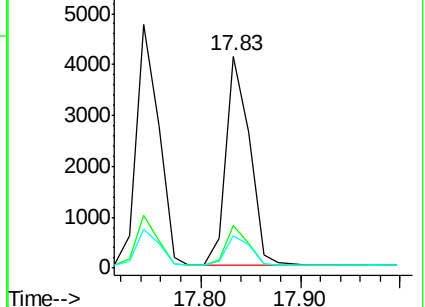
179 14.9 13.0 19.6

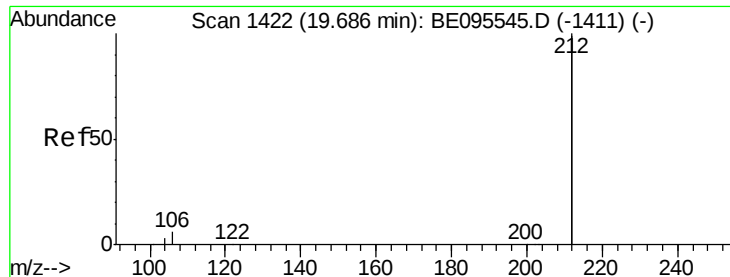


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.38 ng

RT: 19.69 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

Instrument :

BNA_E

ClientSampleId :

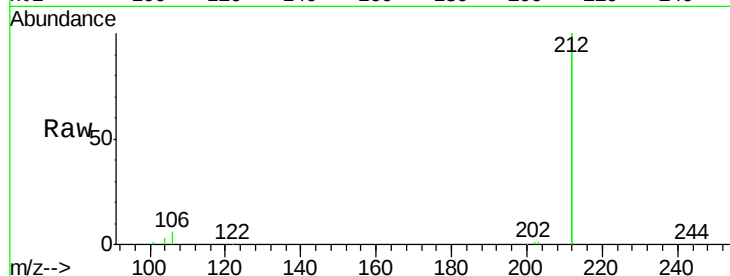
Tot Ion:212 Resp: 30366

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

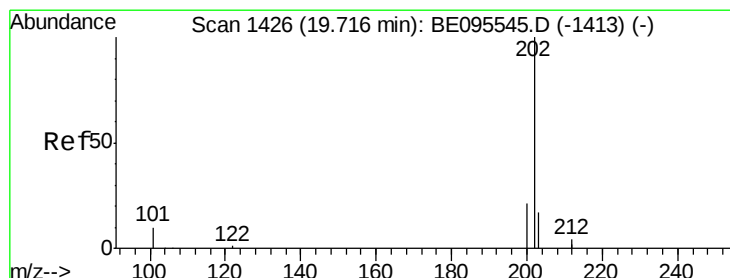
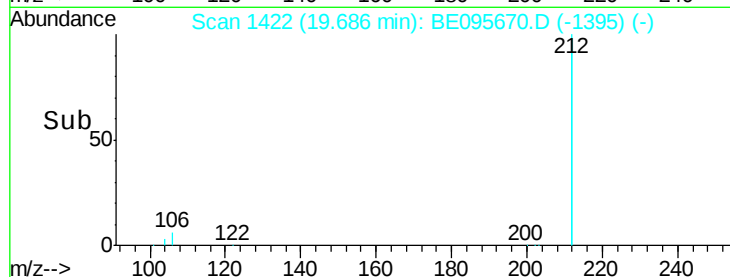
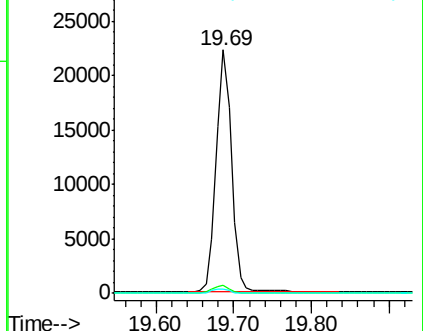
104 1.6 1.6 2.4



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: 0.38 ng

RT: 19.72 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

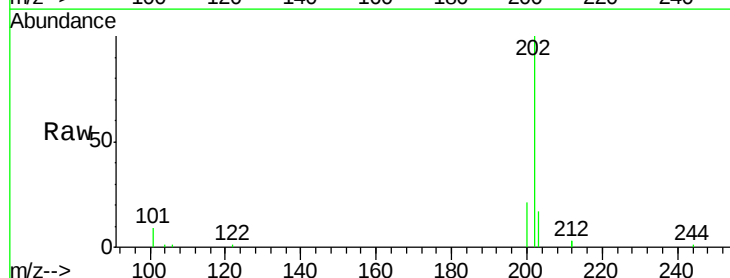
Tgt Ion:202 Resp: 8960

Ion Ratio Lower Upper

202 100

101 9.8 9.8 14.8

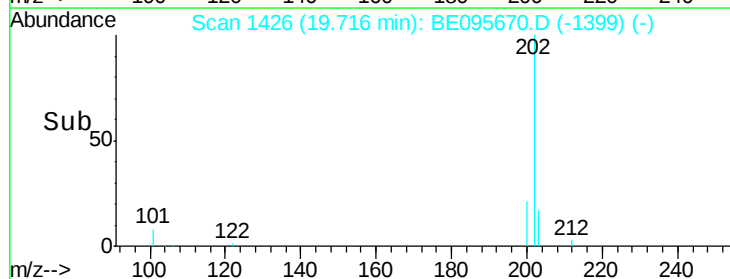
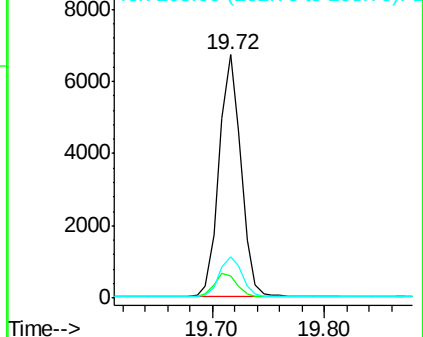
203 17.1 13.7 20.5

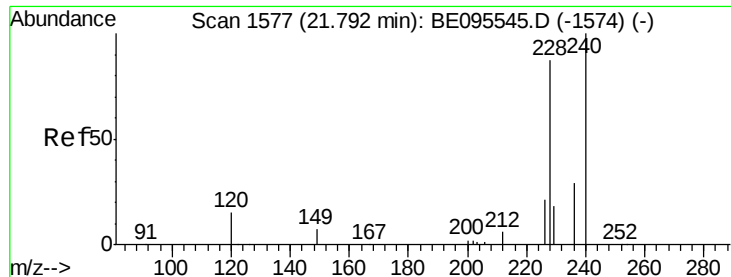


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.79 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

Instrument :

BNA_E

ClientSampled :

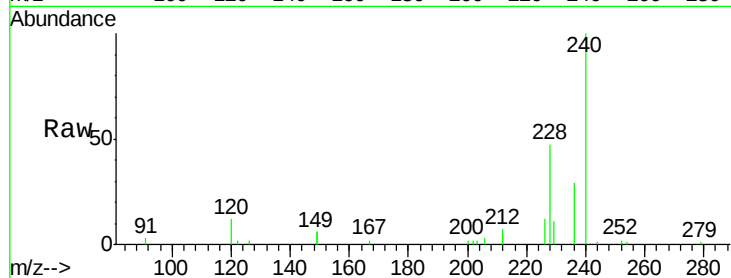
Tot Ion:240 Resp: 6225

Ion Ratio Lower Upper

240 100

120 11.5 5.5 8.3#

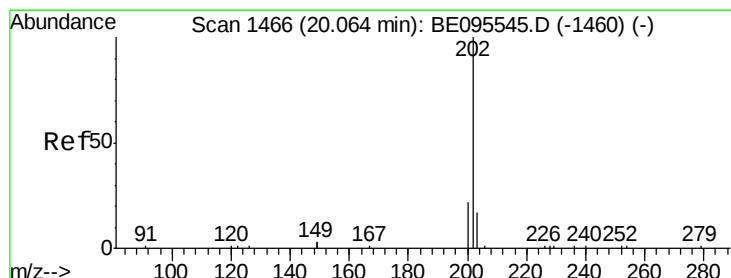
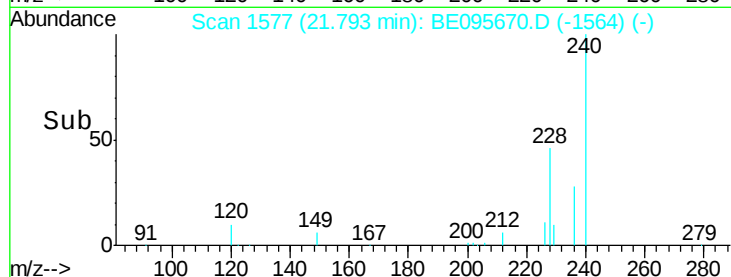
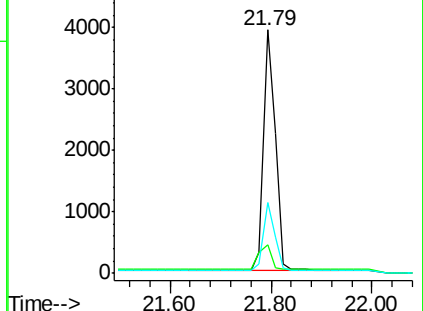
236 29.3 20.7 31.1



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: 0.40 ng

RT: 20.07 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

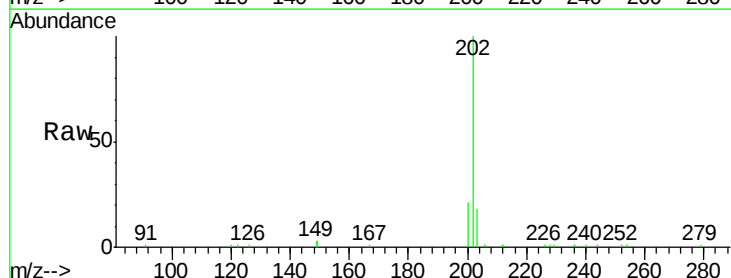
Tgt Ion:202 Resp: 10339

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

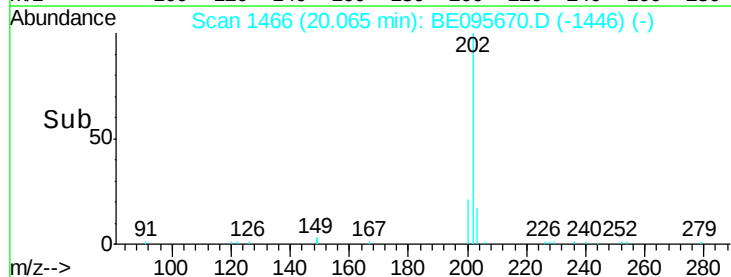
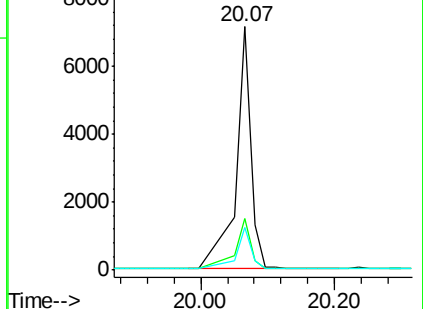
203 17.1 13.8 20.8

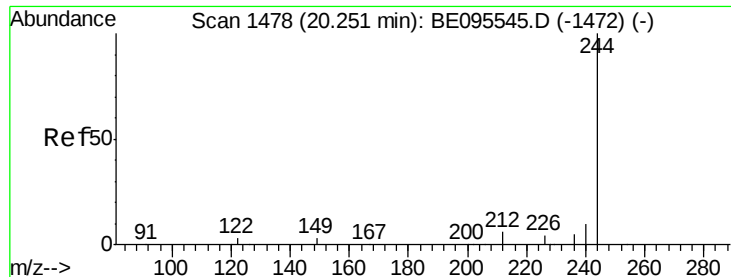


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.44 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

Instrument :

BNA_E

ClientSampled :

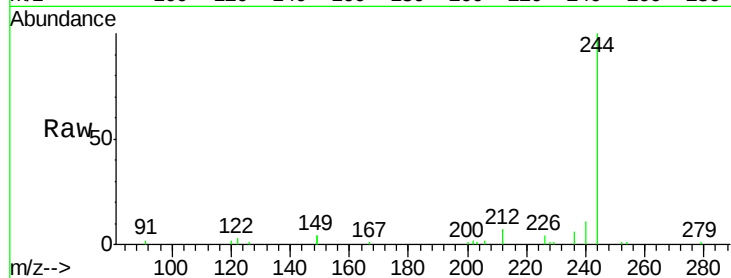
Tot Ion:244 Resp: 5795

Ion Ratio Lower Upper

244 100

212 6.8 25.4 38.0#

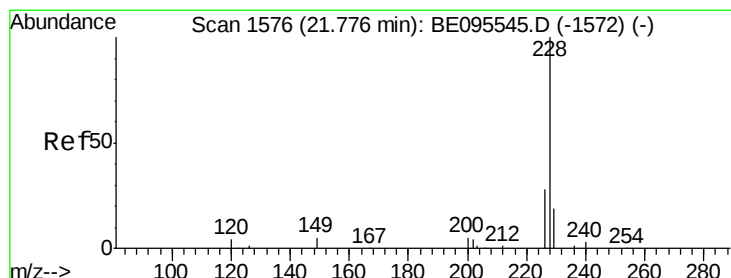
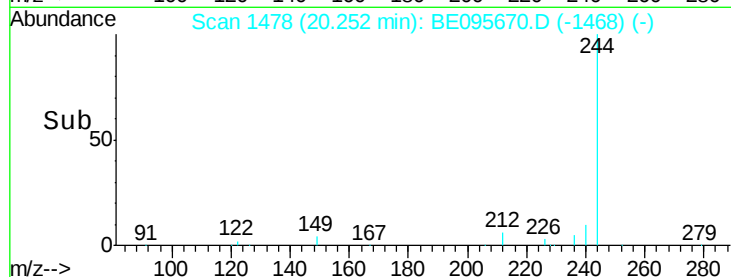
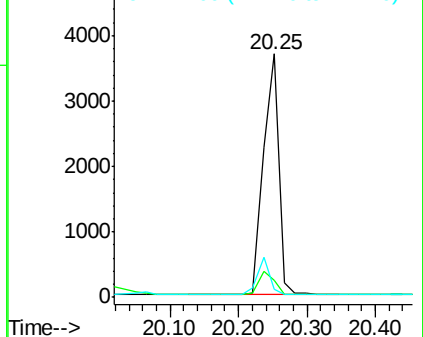
122 3.2 8.1 12.1#



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: 0.39 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

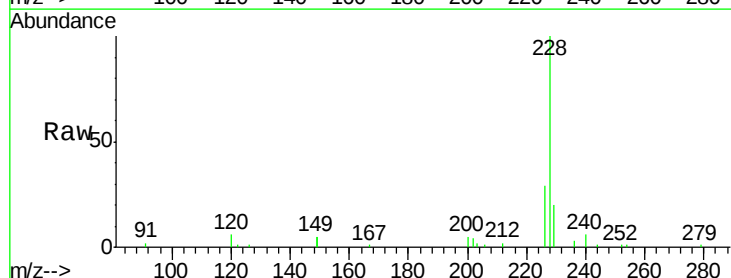
Tgt Ion:228 Resp: 8155

Ion Ratio Lower Upper

228 100

226 28.7 24.0 36.0

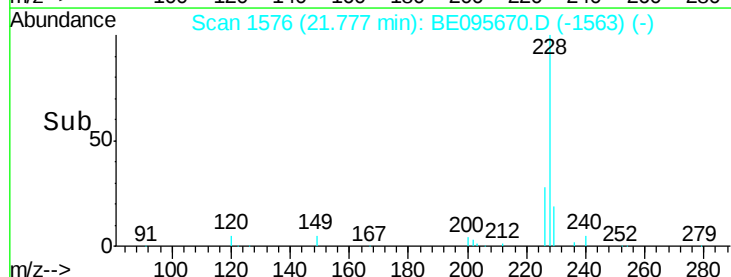
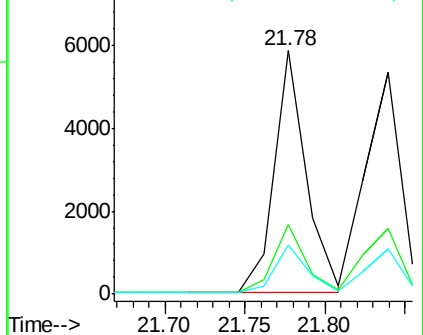
229 19.9 16.0 24.0

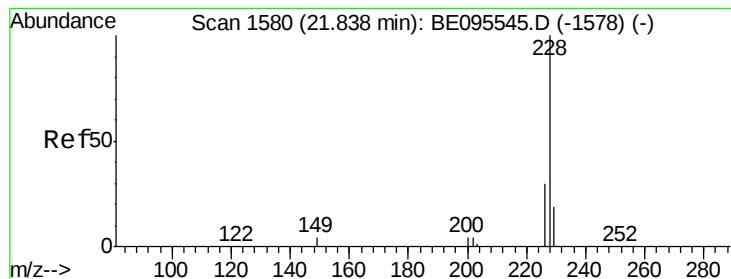


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.40 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

Instrument :

BNA_E

ClientSampleId :

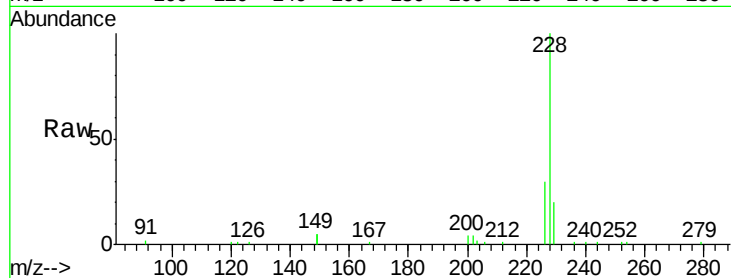
Tot Ion:228 Resp: 8106

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

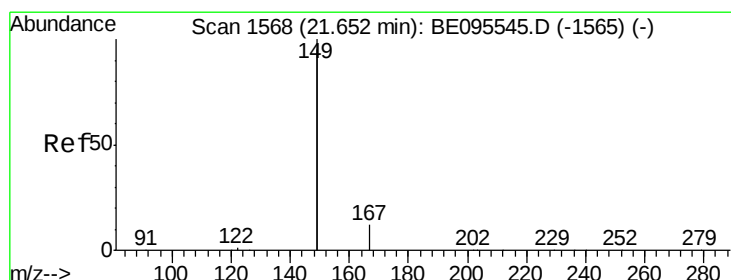
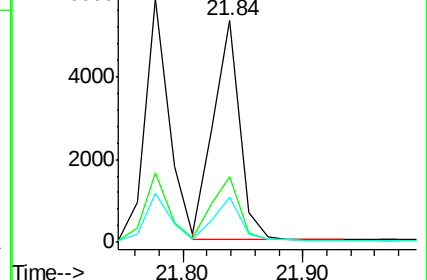
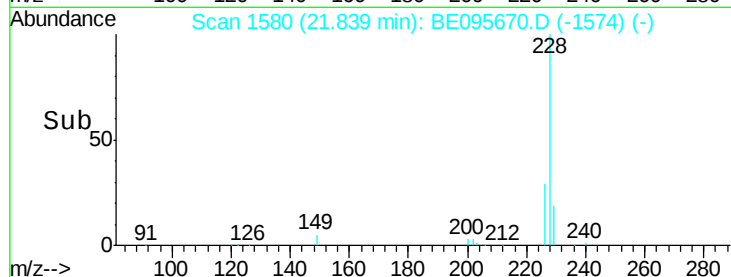
229 20.2 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.33 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

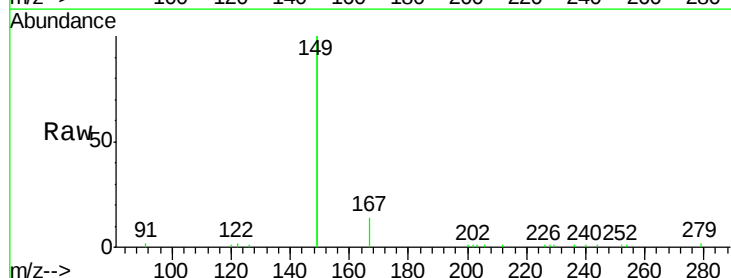
Tgt Ion:149 Resp: 15733

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

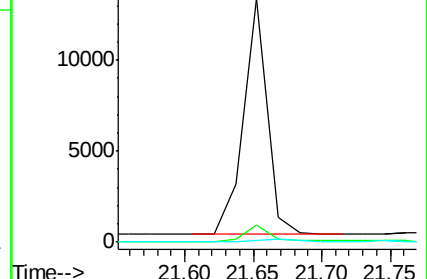
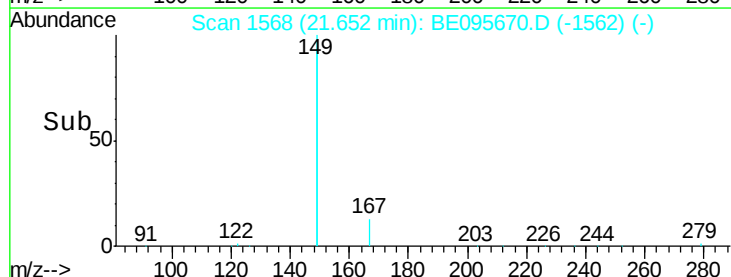
279 0.8 0.7 1.1

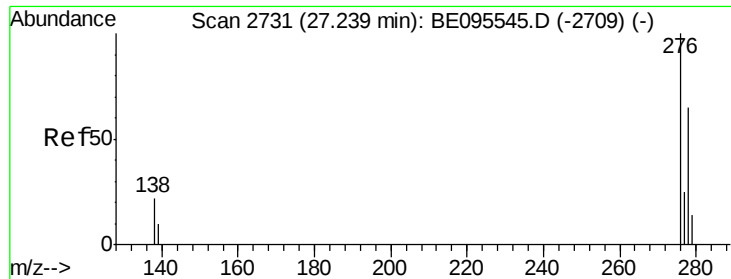


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

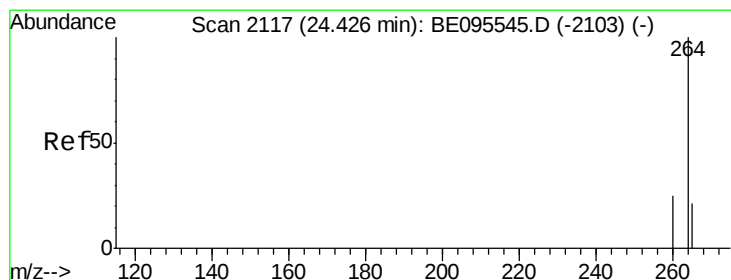
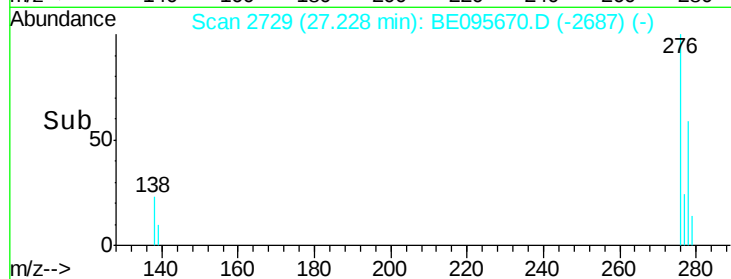
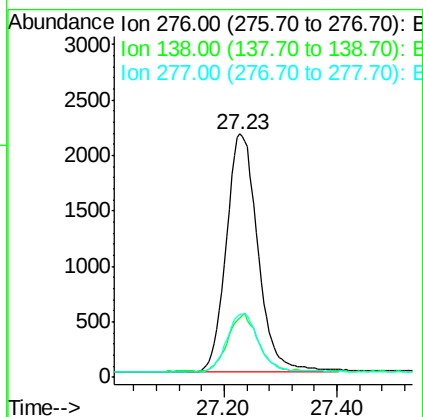
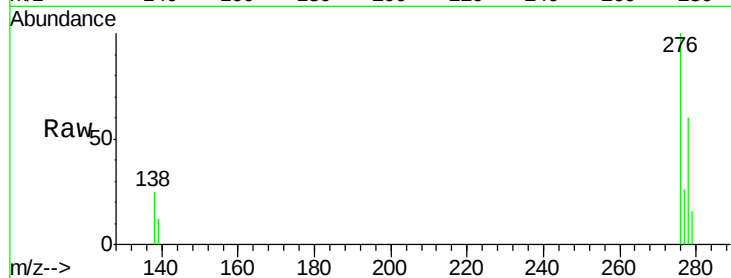




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 27.23 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BE095670.D
Acq: 12 Feb 2018 20:19

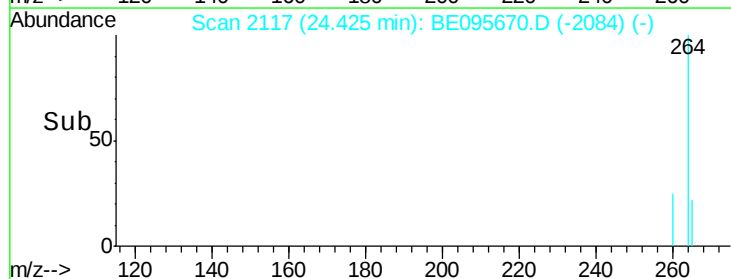
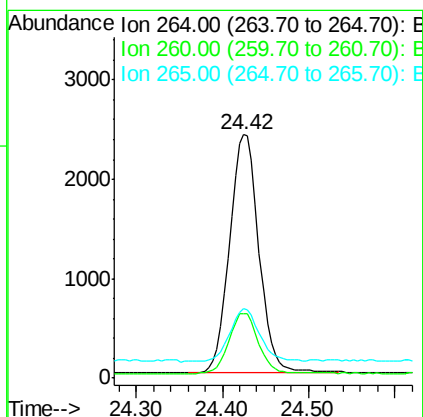
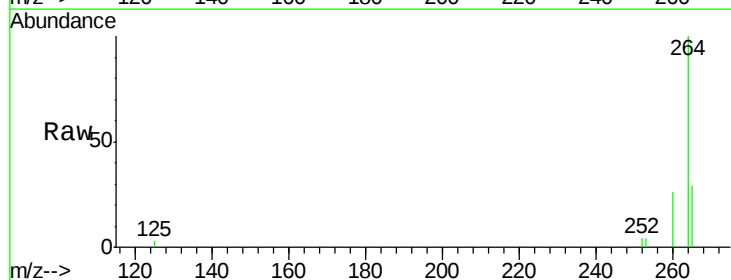
Instrument :
BNA_E
ClientSampleId :

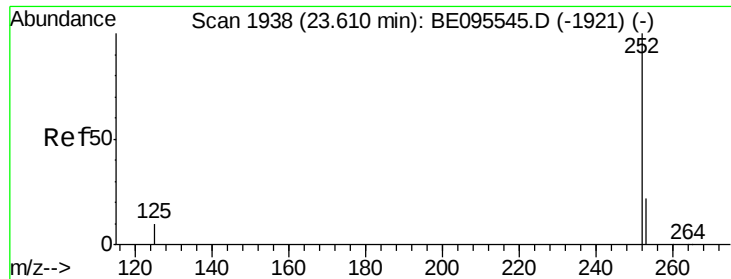
Tot Ion:276 Resp: 8197
Ion Ratio Lower Upper
276 100
138 22.7 22.5 33.7
277 24.3 19.9 29.9



#34
Perylene-d12
Concen: 0.40 ng
RT: 24.42 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BE095670.D
Acq: 12 Feb 2018 20:19

Tgt Ion:264 Resp: 5719
Ion Ratio Lower Upper
264 100
260 26.3 20.5 30.7
265 28.8 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.41 ng

RT: 23.61 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

Instrument :

BNA_E

ClientSampleId :

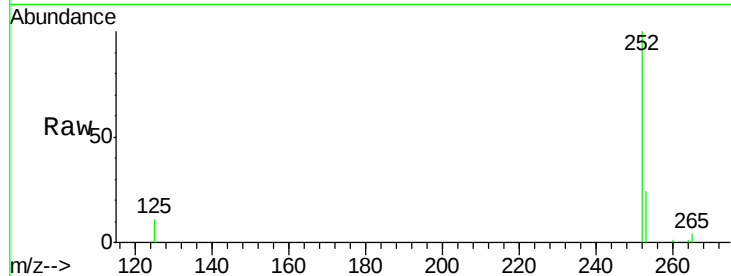
Tot Ion:252 Resp: 7983

Ion Ratio Lower Upper

252 100

253 24.3 20.0 30.0

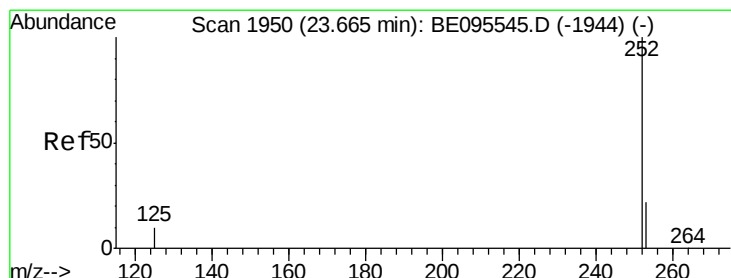
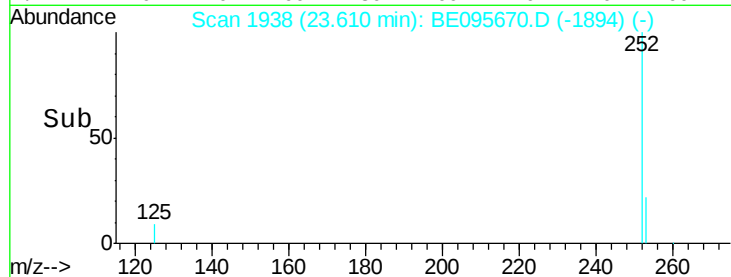
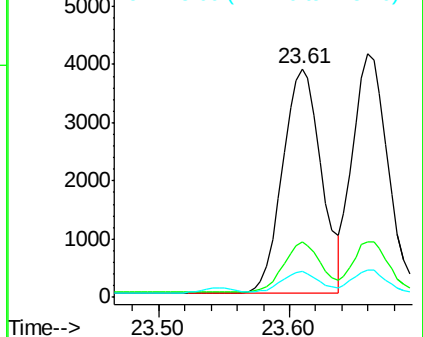
125 11.2 16.0 24.0#



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: 0.39 ng

RT: 23.66 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

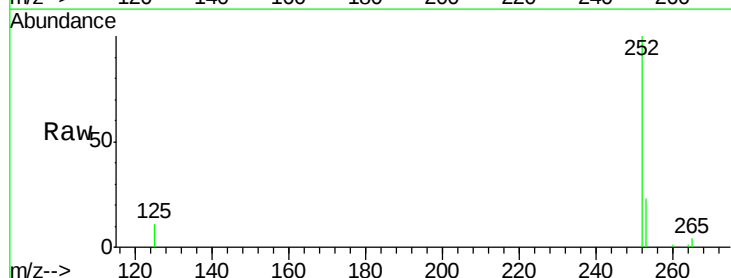
Tgt Ion:252 Resp: 7787

Ion Ratio Lower Upper

252 100

253 22.9 16.0 24.0

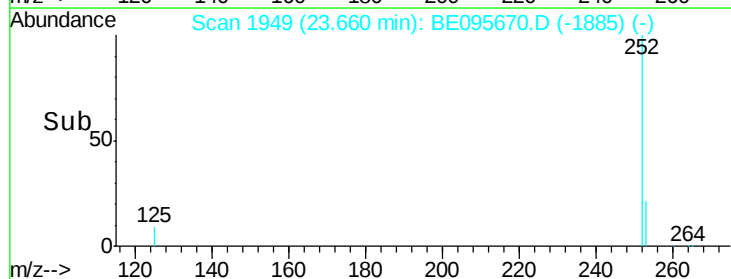
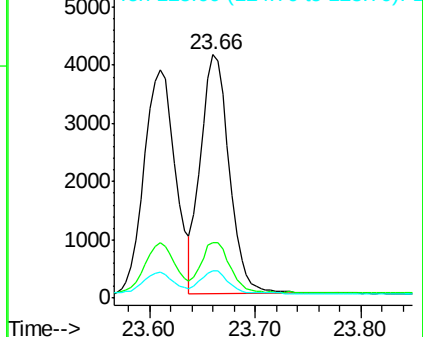
125 11.0 8.0 12.0

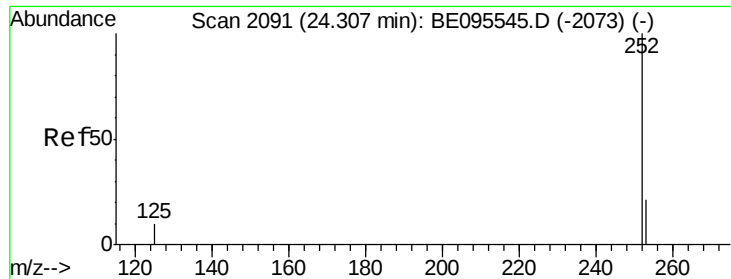


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.40 ng

RT: 24.31 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

Instrument :

BNA_E

ClientSampleId :

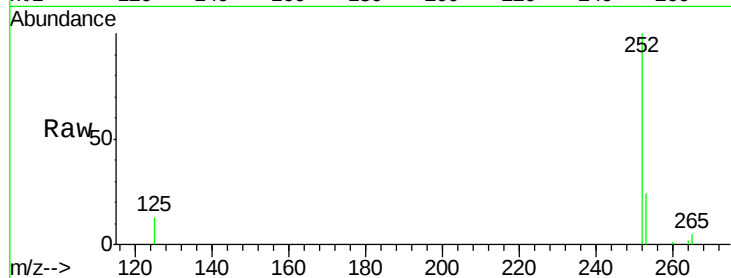
Tot Ion:252 Resp: 7212

Ion Ratio Lower Upper

252 100

253 23.7 16.0 24.0

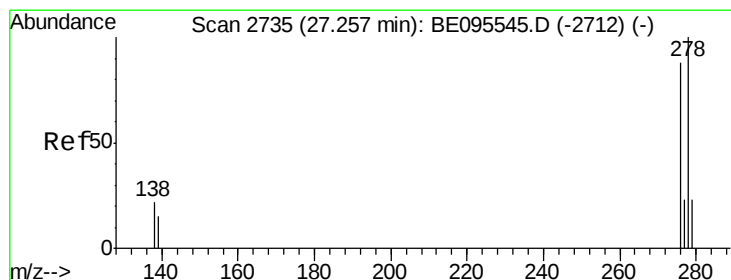
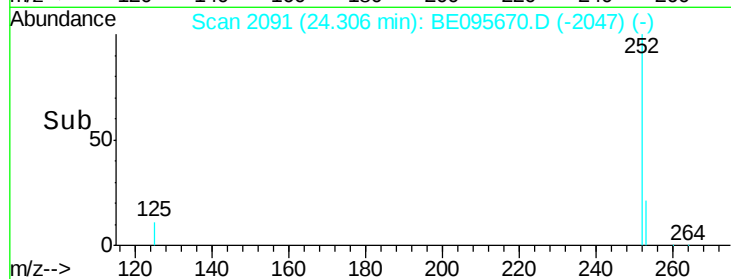
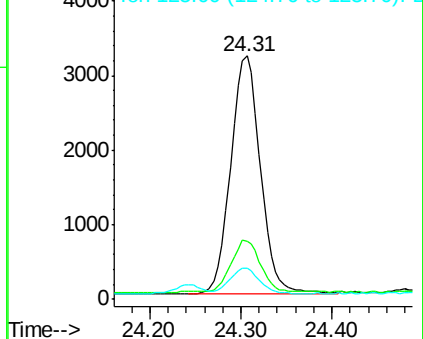
125 12.7 12.0 18.0



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: 0.42 ng

RT: 27.25 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

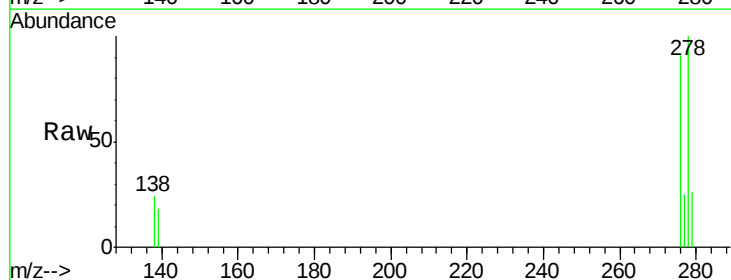
Tgt Ion:278 Resp: 6728

Ion Ratio Lower Upper

278 100

139 17.5 16.0 24.0

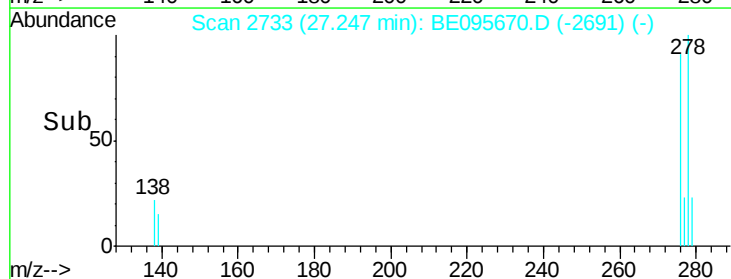
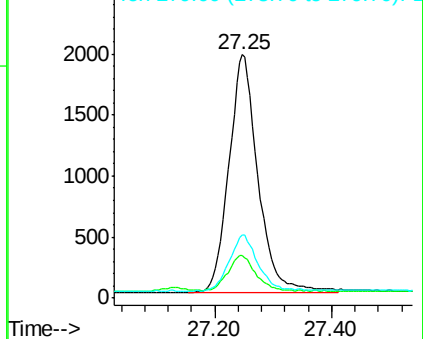
279 25.8 20.0 30.0

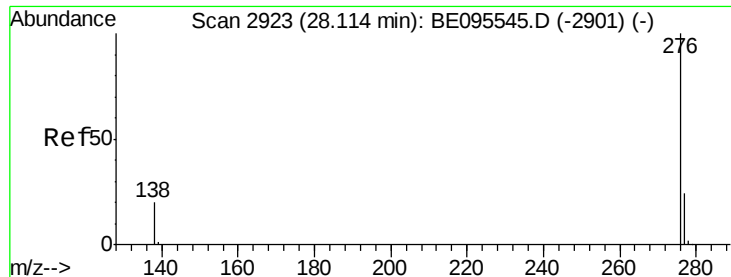


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.40 ng

RT: 28.10 min Scan# 2920

Delta R.T. -0.01 min

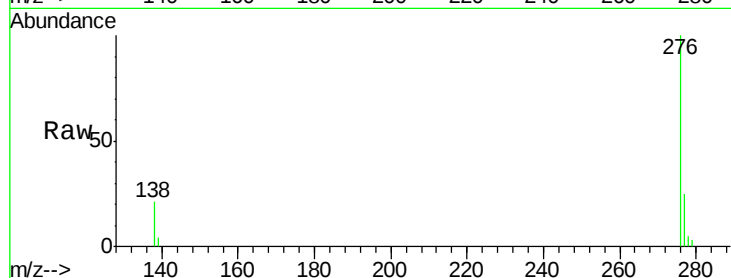
Lab File: BE095670.D

Acq: 12 Feb 2018 20:19

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	6868
Ion Ratio	Lower	Upper	
276	100		
277	25.3	16.0	24.0#
138	21.4	20.0	30.0

