

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
 Data File : BE095555.D
 Acq On : 7 Feb 2018 16:29
 Operator : SJ/JU
 Sample : J1161-07
 Misc : LOD 0.1ppm
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 08 01:16:01 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	8.44	152	1363	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	5419	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3101	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7484	0.40	ng	0.00
27) Chrysene-d12	21.79	240	7336	0.40	ng	0.00
34) Perylene-d12	24.43	264	6776	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.92	112	1158	0.28	ng	0.00
5) Phenol-d6	7.56	99	1514	0.27	ng	-0.01
8) Nitrobenzene-d5	9.61	82	1579	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2547	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	287	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	4017	0.30	ng	0.00
25) Fluoranthene-d10	19.69	212	27054	0.27	ng	0.00
29) Terphenyl-d14	20.25	244	4699	0.30	ng	0.00

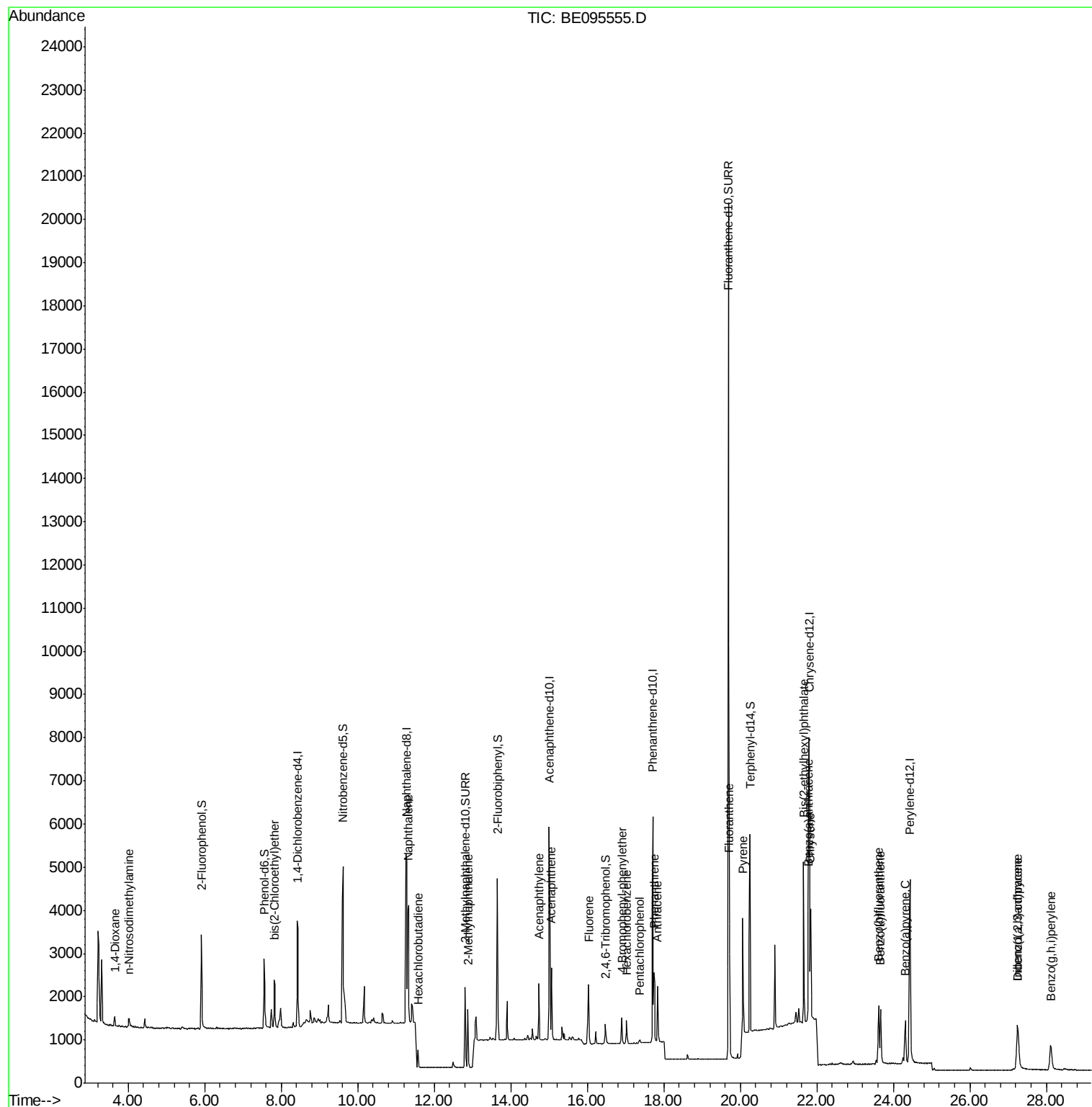
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	272	0.121	ng	# 78
3) n-Nitrosodimethylamine	4.00	42	199	0.070	ng	# 85
6) bis(2-Chloroethyl)ether	7.83	93	453	0.086	ng	# 87
9) Naphthalene	11.33	128	5551	0.088	ng	# 97
10) Hexachlorobutadiene	11.58	225	265	0.078	ng	97
12) 2-Methylnaphthalene	12.88	142	911	0.085	ng	95
16) Acenaphthylene	14.73	152	1455	0.082	ng	100
17) Acenaphthene	15.06	154	923	0.084	ng	94
18) Fluorene	16.04	166	1180	0.085	ng	# 76
20) 4-Bromophenyl-phenylether	16.91	248	388	0.086	ng	# 72
21) Hexachlorobenzene	17.03	284	415	0.089	ng	# 81
22) Pentachlorophenol	17.37	266	62	0.194	ng	95
23) Phenanthrene	17.74	178	2033	0.088	ng	97
24) Anthracene	17.83	178	1728	0.080	ng	# 95
26) Fluoranthene	19.72	202	2468	0.085	ng	96
28) Pyrene	20.06	202	2914	0.095	ng	98
30) Benzo(a)anthracene	21.78	228	2054	0.084	ng	97
31) Chrysene	21.84	228	2160	0.090	ng	97
32) Bis(2-ethylhexyl)phthalate	21.65	149	4110	0.073	ng	100
33) Indeno(1,2,3-cd)pyrene	27.24	276	1758	0.076	ng	94
35) Benzo(b)fluoranthene	23.61	252	2000	0.087	ng	93
36) Benzo(k)fluoranthene	23.66	252	1922	0.081	ng	# 83
37) Benzo(a)pyrene	24.31	252	1725	0.080	ng	# 83
38) Dibenzo(a,h)anthracene	27.26	278	1397	0.074	ng	# 82
39) Benzo(g,h,i)perylene	28.11	276	1664	0.082	ng	# 84

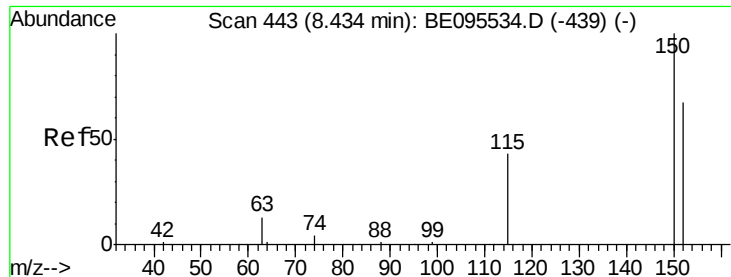
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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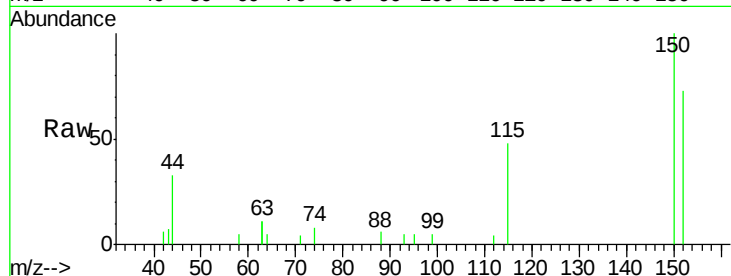


#1

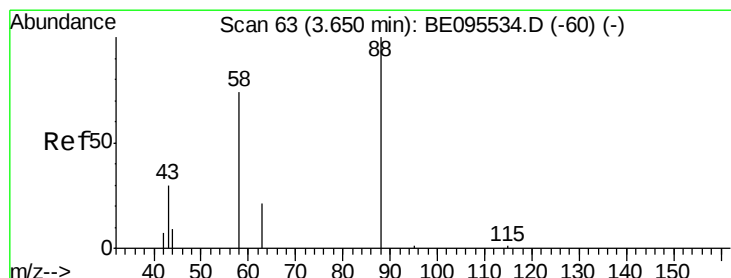
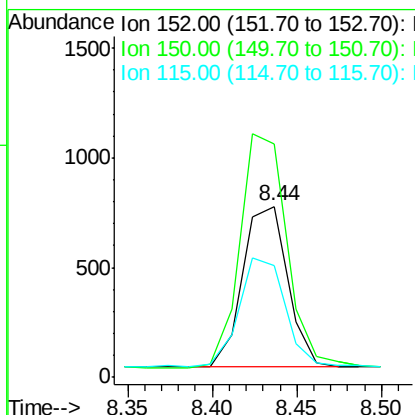
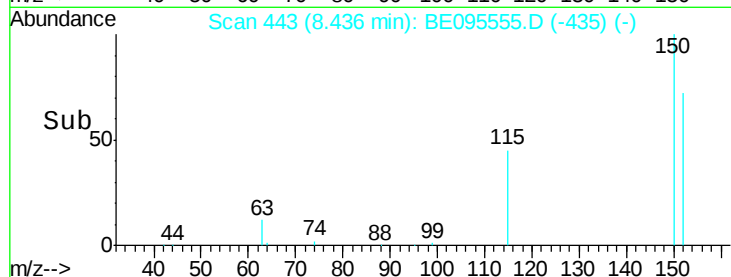
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.44 min Scan# 443
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1363
Ion Ratio Lower Upper
152 100
150 136.6 117.2 175.8
115 65.3 57.0 85.6



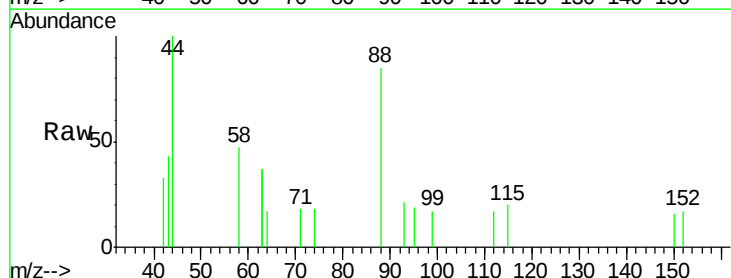
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



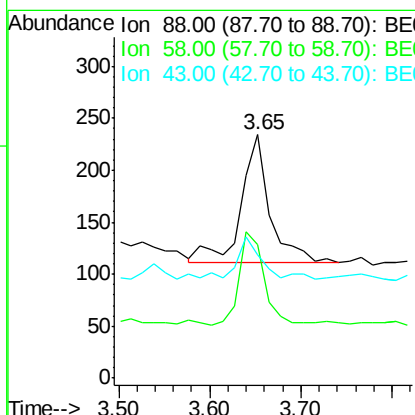
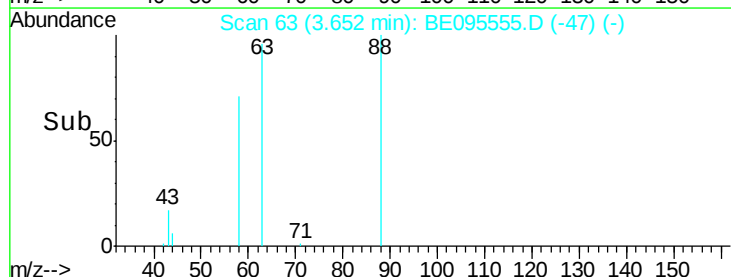
#2

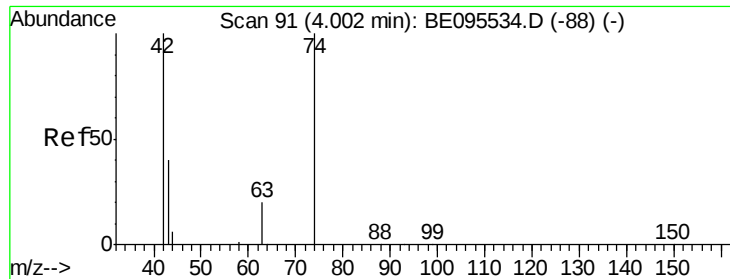
1,4-Dioxane
Concen: 0.121 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion: 88 Resp: 272
Ion Ratio Lower Upper
88 100
58 62.5 63.2 94.8#
43 33.1 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



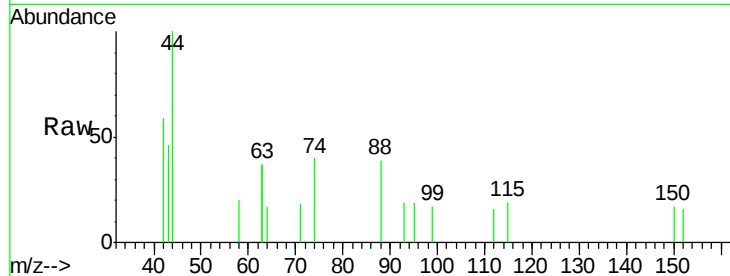


#3

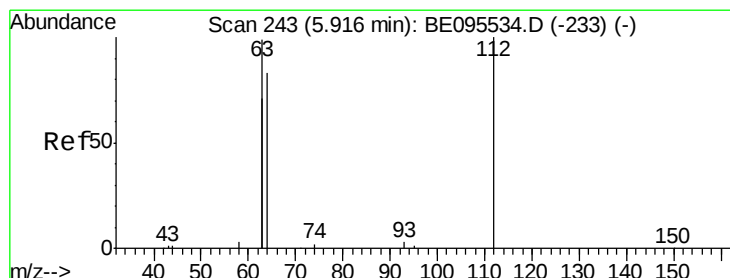
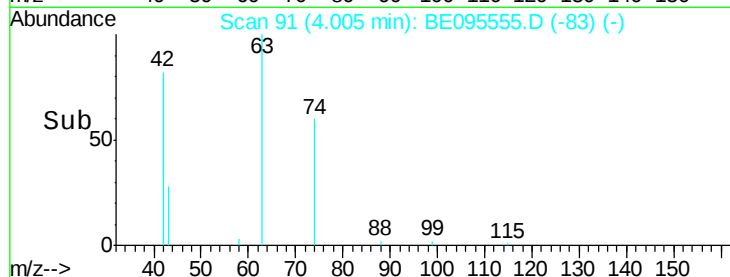
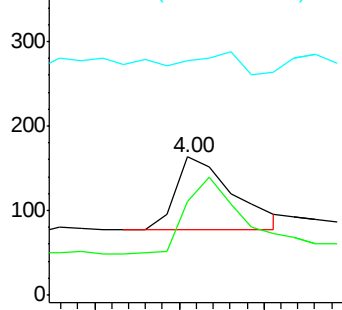
n-Nitrosodimethylamine
 Concen: 0.070 ng
 RT: 4.00 min Scan# 91
 Delta R.T. 0.00 min
 Lab File: BE095555.D
 Acq: 7 Feb 2018 16:29

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 199
 Ion Ratio Lower Upper
 42 100
 74 106.0 96.0 144.0
 44 0.0 12.0 18.0#



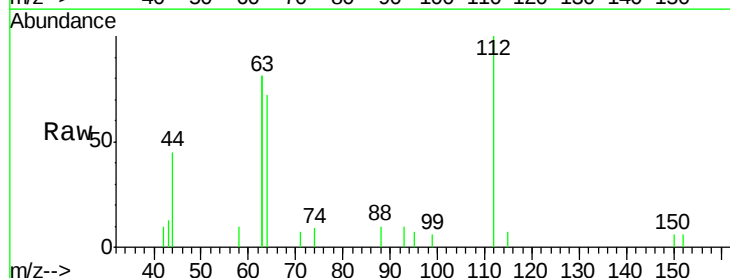
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



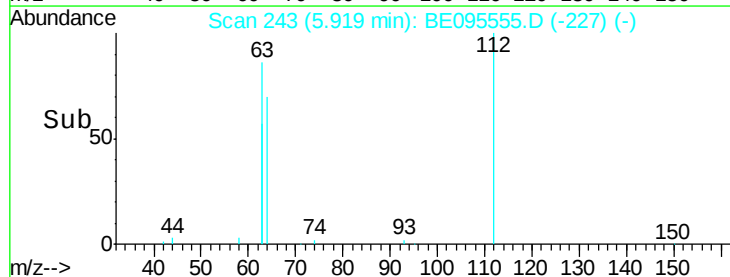
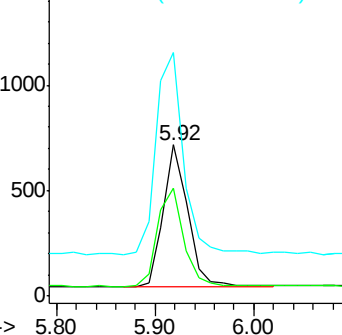
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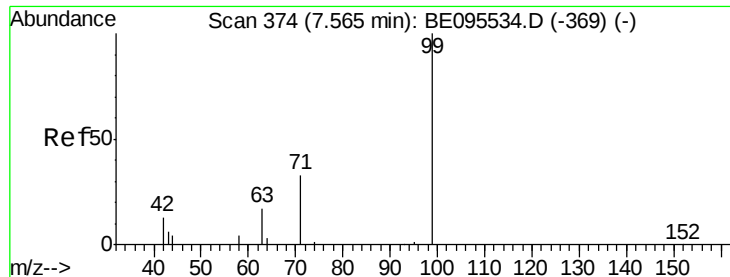
2-Fluorophenol
 Concen: 0.282 ng
 RT: 5.92 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: BE095555.D
 Acq: 7 Feb 2018 16:29

Tgt Ion: 112 Resp: 1158
 Ion Ratio Lower Upper
 112 100
 64 75.0 60.1 90.1
 63 154.3 116.8 175.2



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





#5

Phenol-d6

Concen: 0.266 ng

RT: 7.56 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampled :

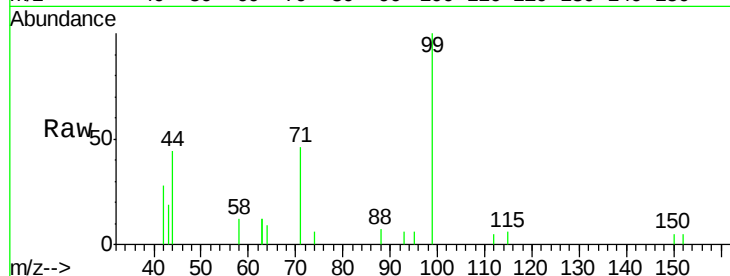
Tot Ion: 99 Resp: 1514

Ion Ratio Lower Upper

99 100

42 23.8 20.2 30.2

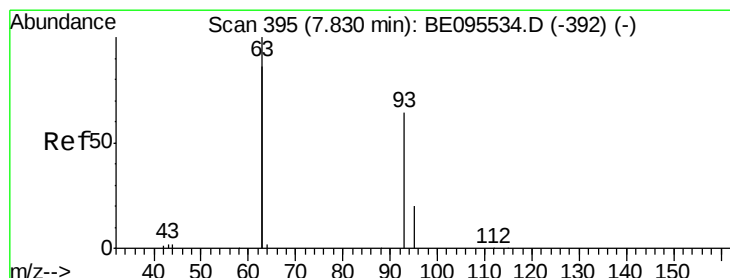
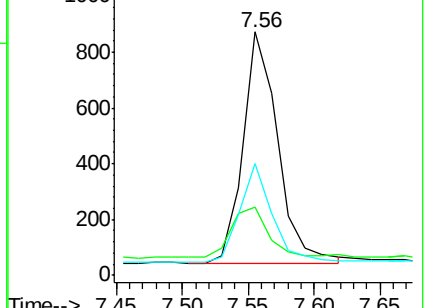
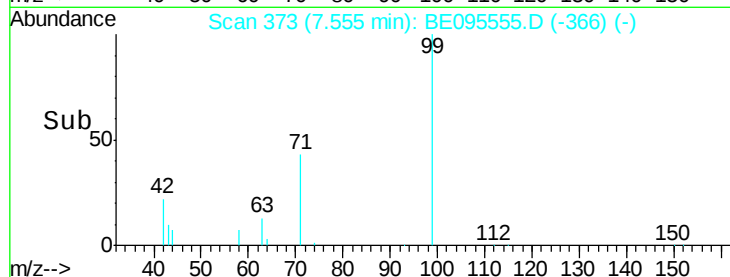
71 40.2 28.4 42.6



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: 0.086 ng

RT: 7.83 min Scan# 395

Delta R.T. 0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

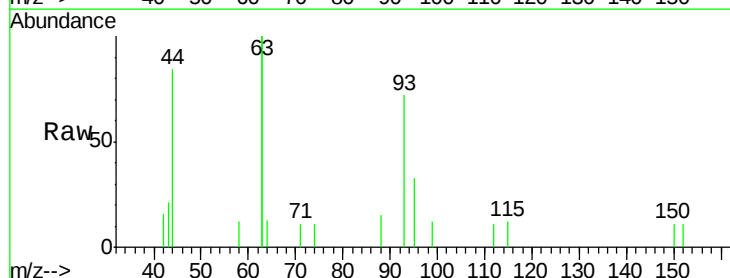
Tgt Ion: 93 Resp: 453

Ion Ratio Lower Upper

93 100

63 316.6 275.3 412.9

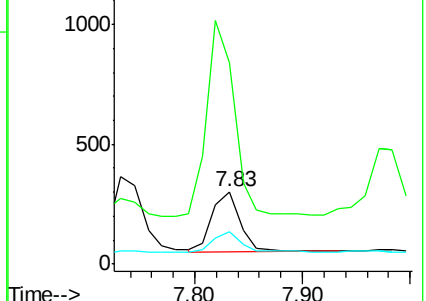
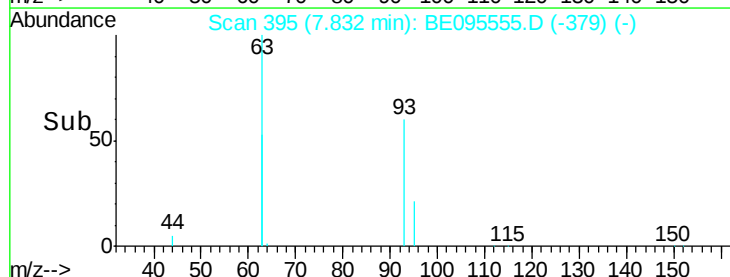
95 36.4 25.2 37.8

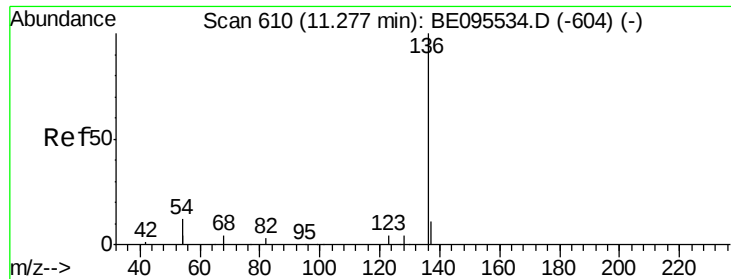


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5419

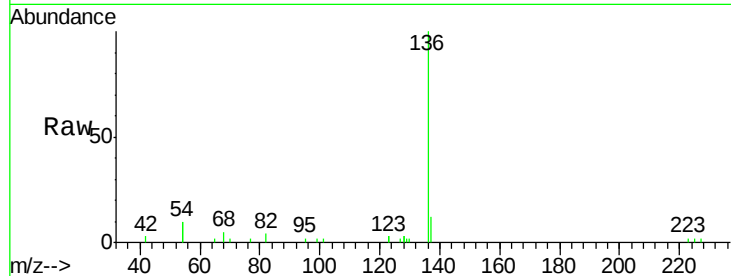
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 20.7 29.1 43.7#

68 4.9 6.2 9.2#

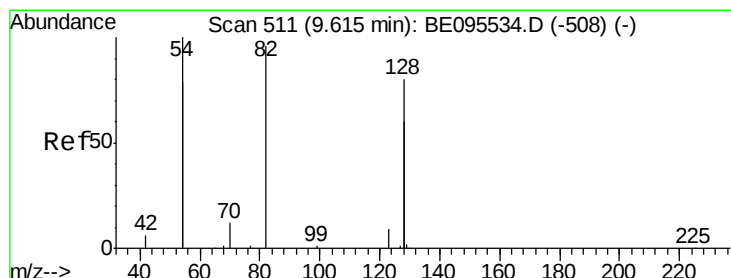
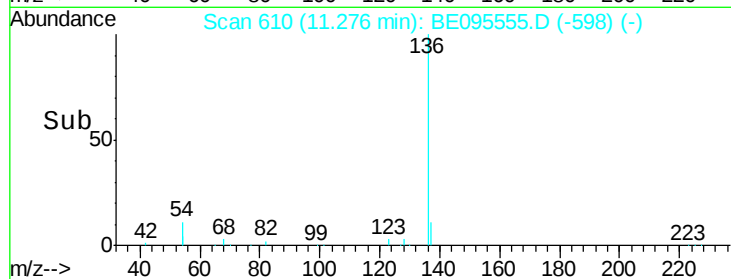
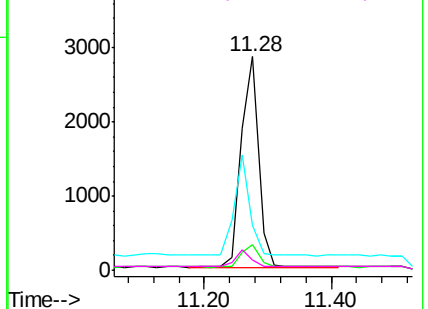


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.275 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

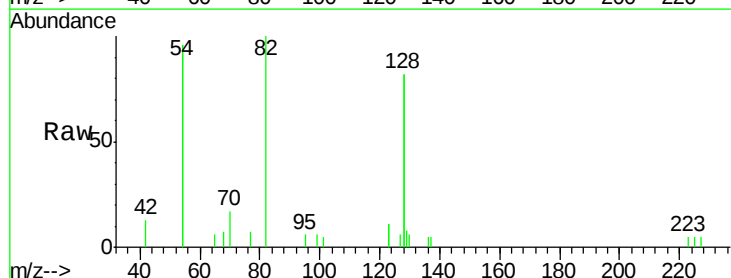
Tgt Ion: 82 Resp: 1579

Ion Ratio Lower Upper

82 100

128 163.6 150.0 225.0

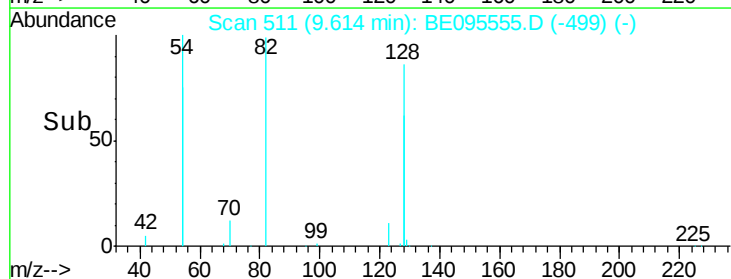
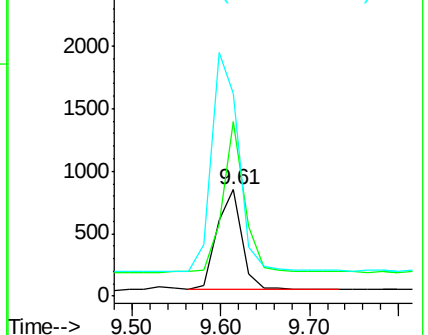
54 191.1 154.2 231.4

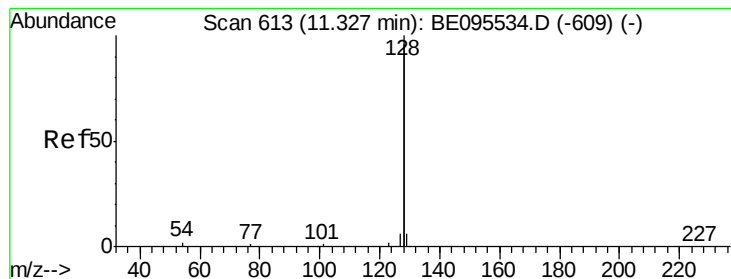


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.088 ng

RT: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

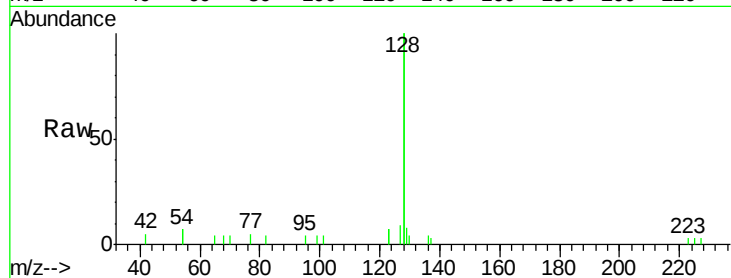
Tot Ion:128 Resp: 5551

Ion Ratio Lower Upper

128 100

129 4.2 2.6 3.8#

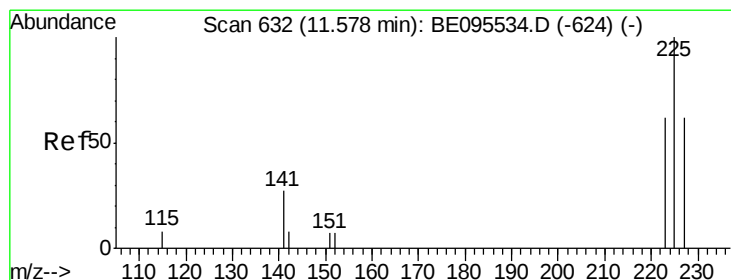
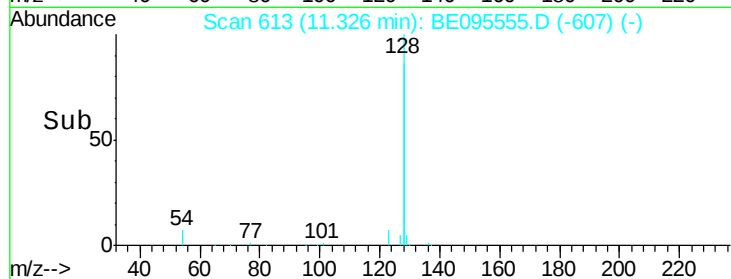
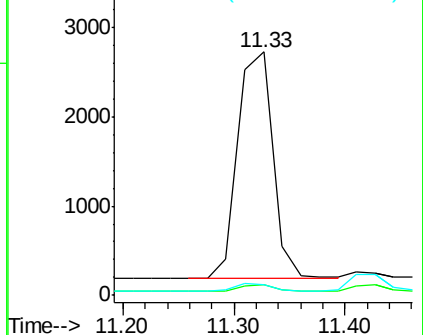
127 4.3 2.8 4.2#



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: 0.078 ng

RT: 11.58 min Scan# 632

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

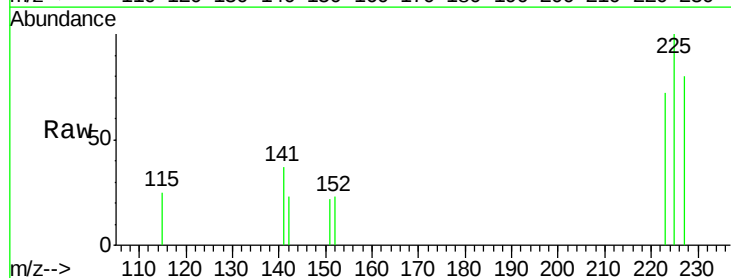
Tgt Ion:225 Resp: 265

Ion Ratio Lower Upper

225 100

223 68.7 53.0 79.6

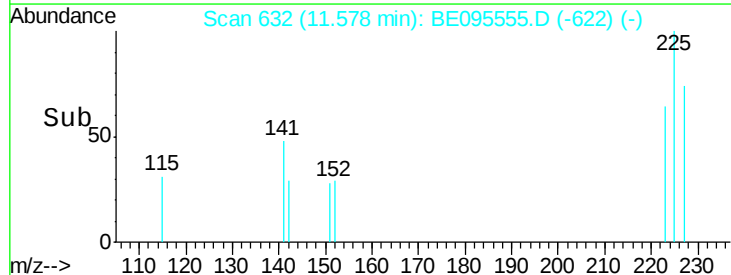
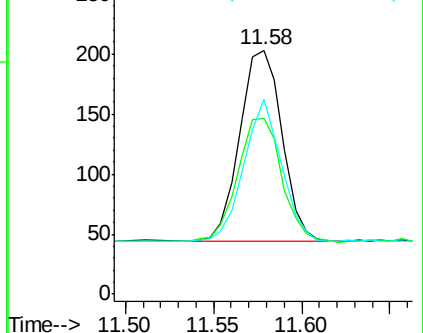
227 66.0 51.4 77.2

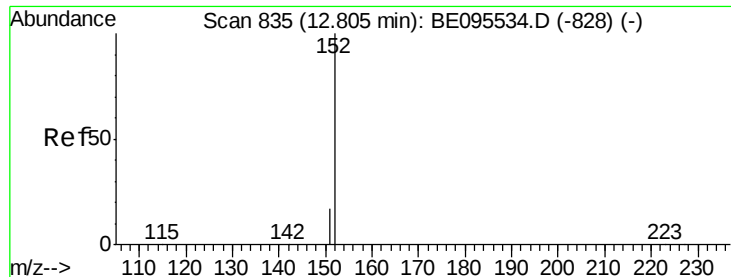


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

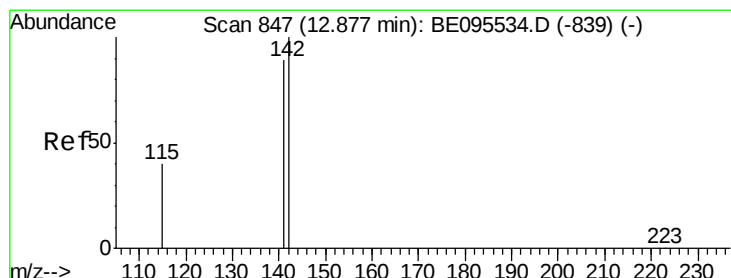
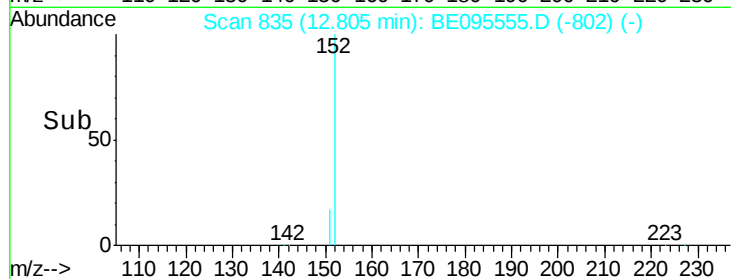
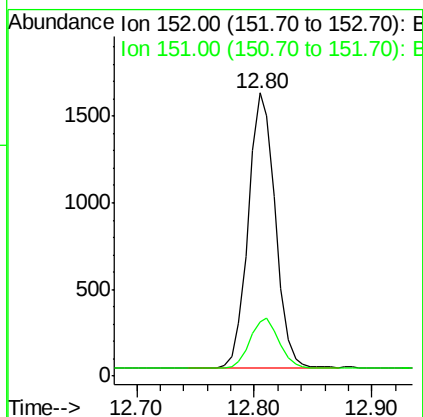
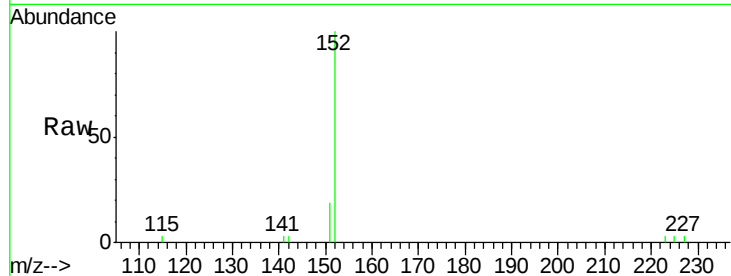




#11
 2-Methylnaphthalene-d10
 Concen: 0.284 ng
 RT: 12.80 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BE095555.D
 Acq: 7 Feb 2018 16:29

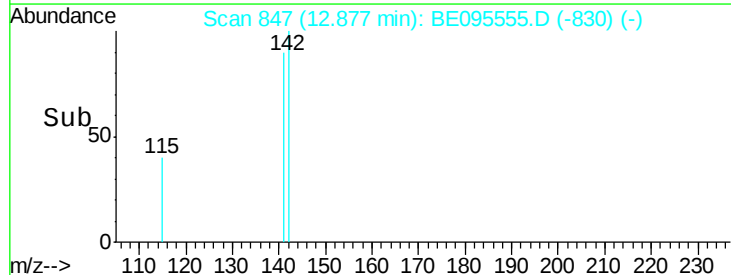
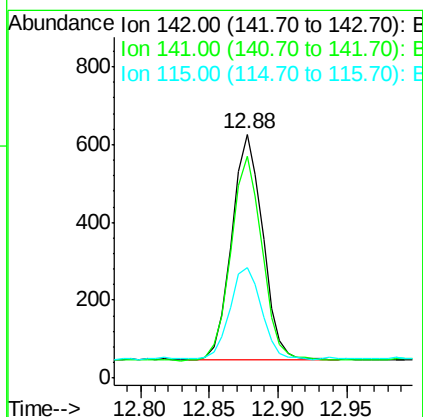
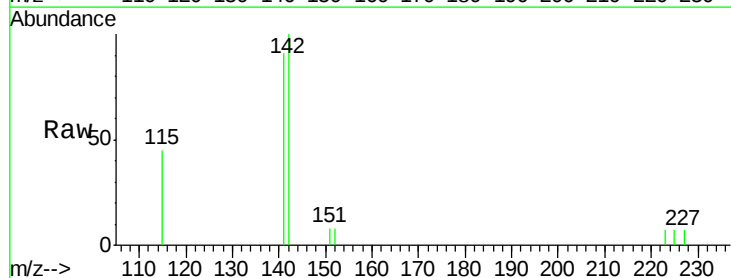
Instrument :
 BNA_E
 ClientSampleId :

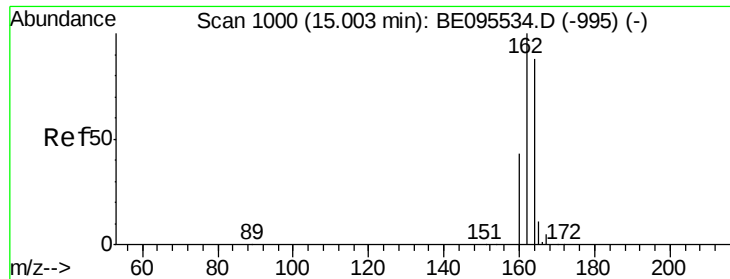
Tot Ion:152 Resp: 2547
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.085 ng
 RT: 12.88 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BE095555.D
 Acq: 7 Feb 2018 16:29

Tgt Ion:142 Resp: 911
 Ion Ratio Lower Upper
 142 100
 141 90.9 70.4 105.6
 115 45.2 31.7 47.5

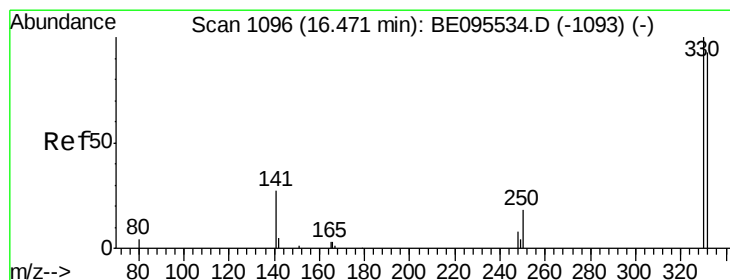
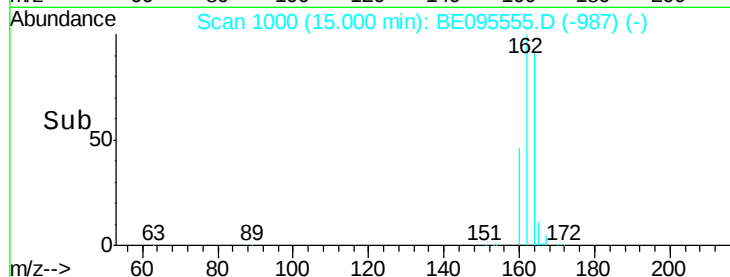
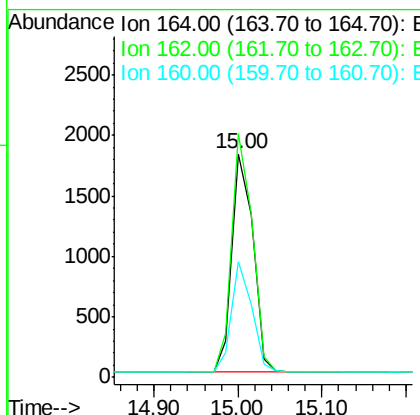
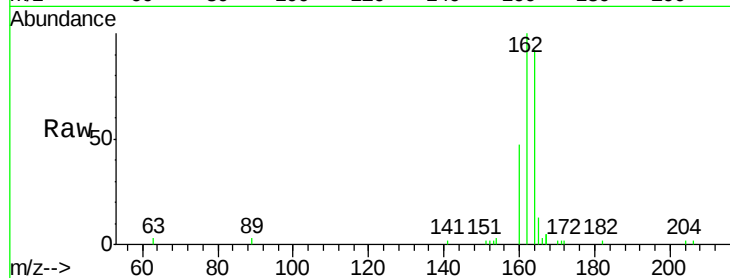




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.00 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BE095555.D
 Acq: 7 Feb 2018 16:29

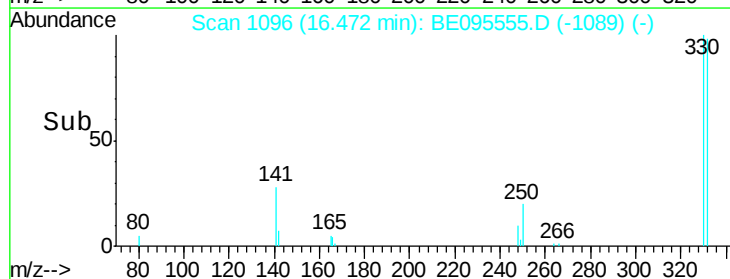
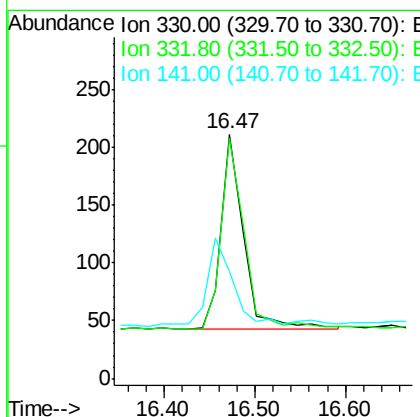
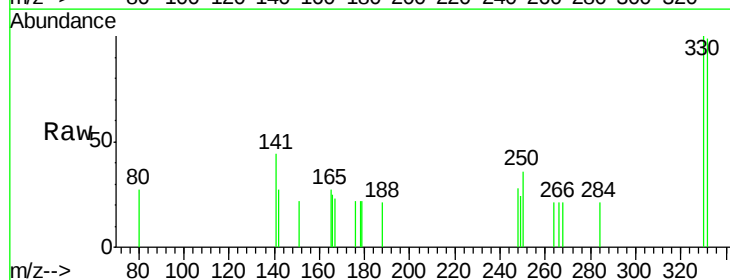
Instrument :
 BNA_E
 ClientSampleId :

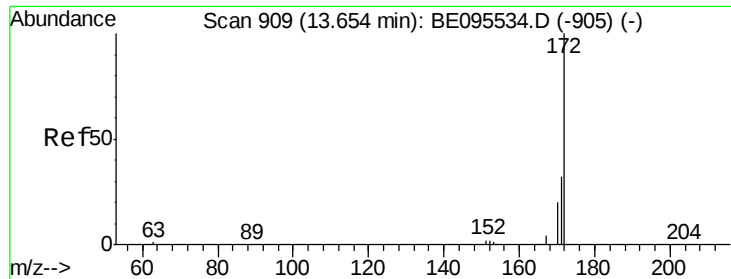
Tot Ion:164 Resp: 3101
 Ion Ratio Lower Upper
 164 100
 162 109.0 83.1 124.7
 160 51.8 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.203 ng
 RT: 16.47 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BE095555.D
 Acq: 7 Feb 2018 16:29

Tgt Ion:330 Resp: 287
 Ion Ratio Lower Upper
 330 100
 332 100.3 152.7 229.1#
 141 47.7 33.7 50.5

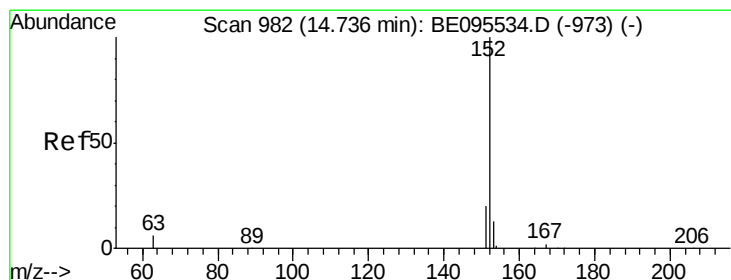
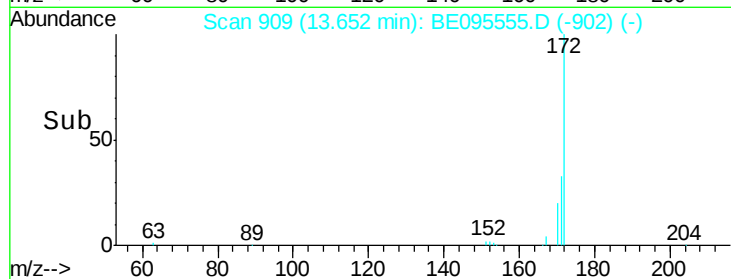
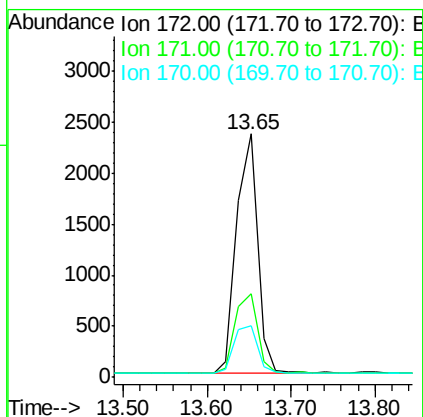
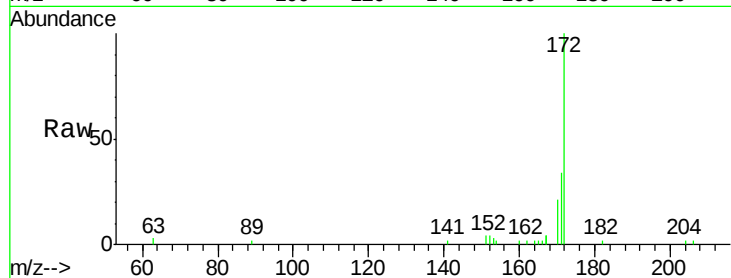




#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 13.65 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

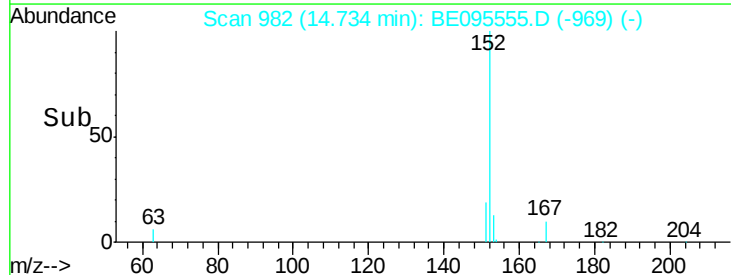
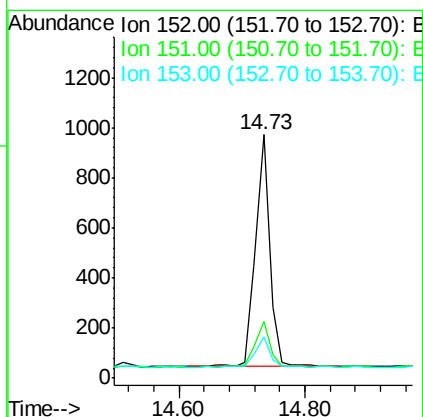
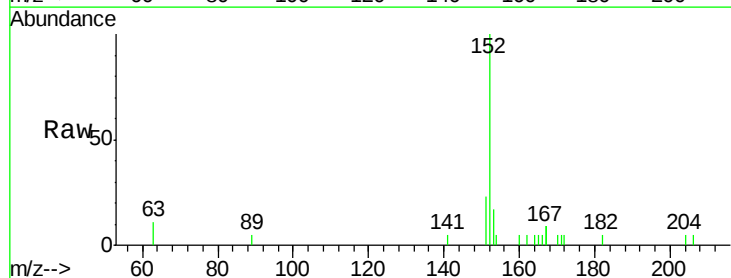
Instrument :
BNA_E
ClientSampleId :

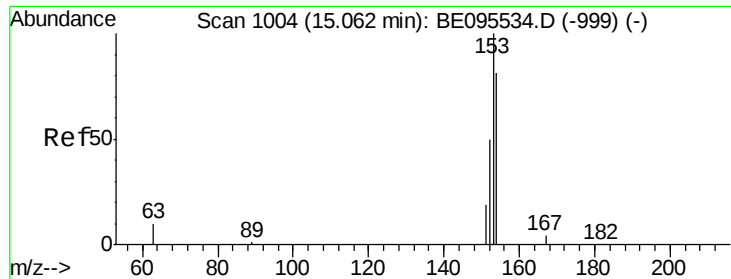
Tot Ion:172 Resp: 4017
Ion Ratio Lower Upper
172 100
171 34.3 29.9 44.9
170 21.3 21.8 32.8#



#16
Acenaphthylene
Concen: 0.082 ng
RT: 14.73 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:152 Resp: 1455
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.084 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

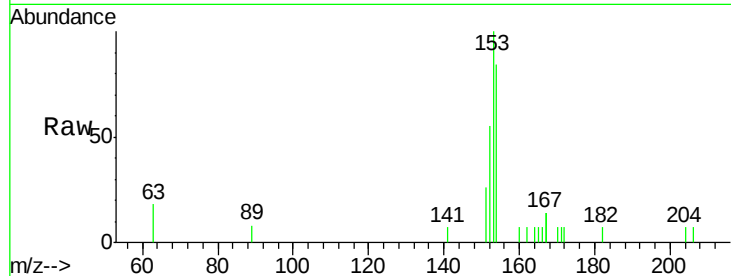
Tot Ion:154 Resp: 923

Ion Ratio Lower Upper

154 100

153 116.1 89.2 133.8

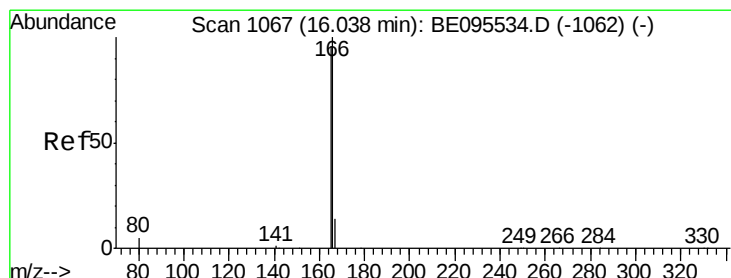
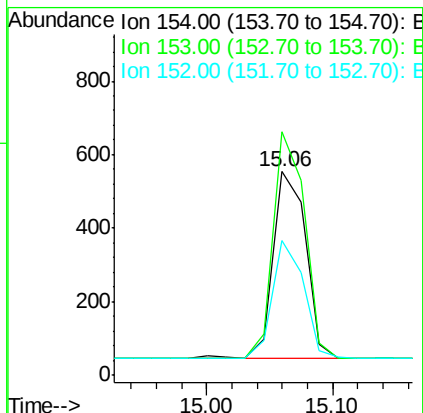
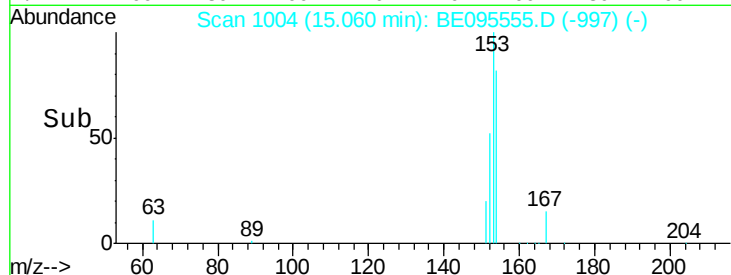
152 59.8 42.0 63.0



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: 0.085 ng

RT: 16.04 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

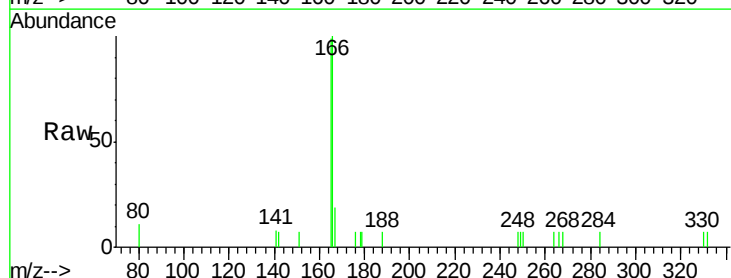
Tgt Ion:166 Resp: 1180

Ion Ratio Lower Upper

166 100

165 103.6 77.8 116.6

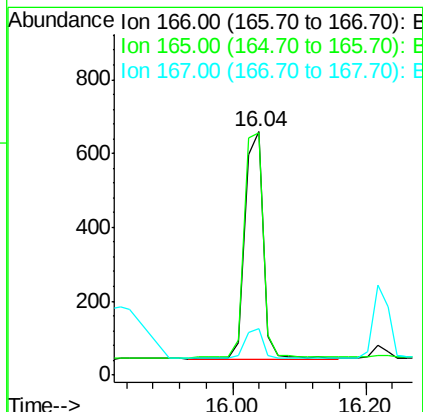
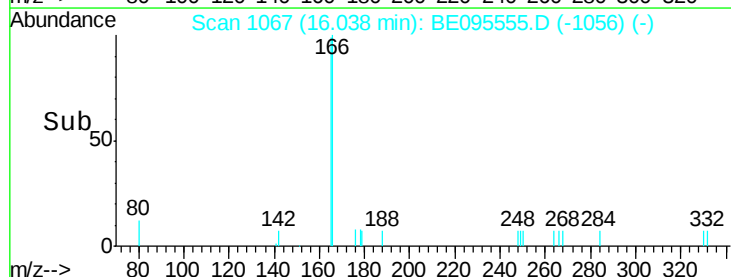
167 13.0 42.4 63.6#

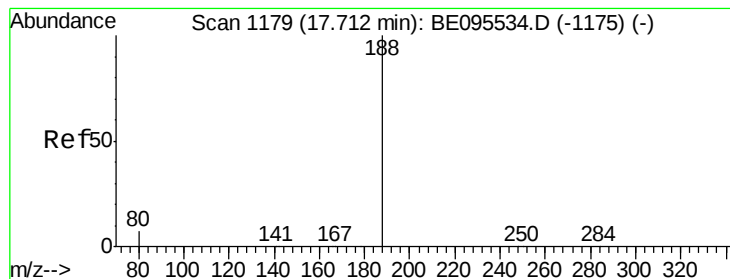


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

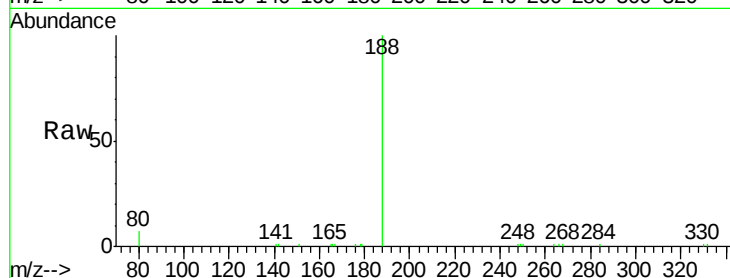
Tot Ion:188 Resp: 7484

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

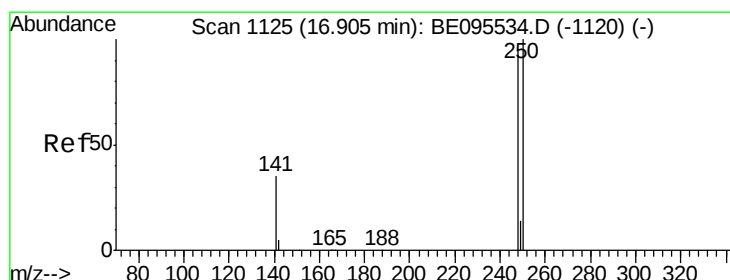
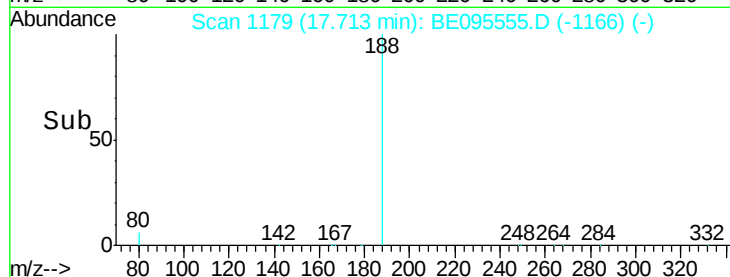
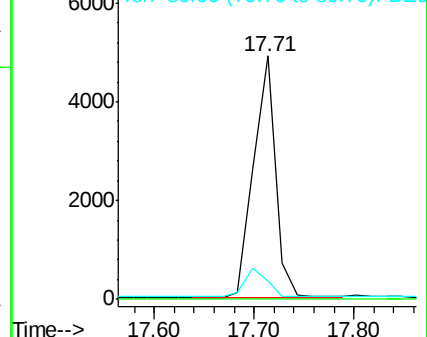
80 7.3 3.6 5.4#



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: 0.086 ng

RT: 16.91 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

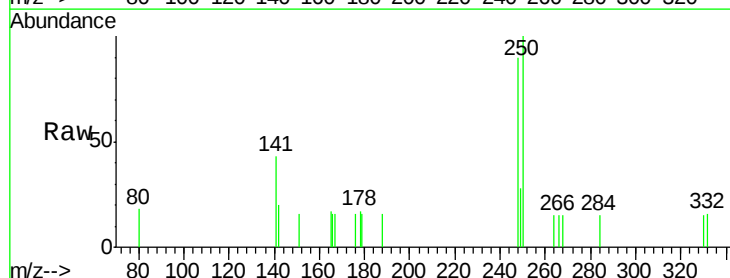
Tgt Ion:248 Resp: 388

Ion Ratio Lower Upper

248 100

250 110.7 62.7 94.1#

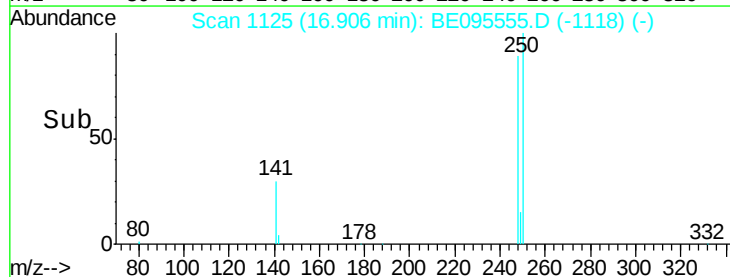
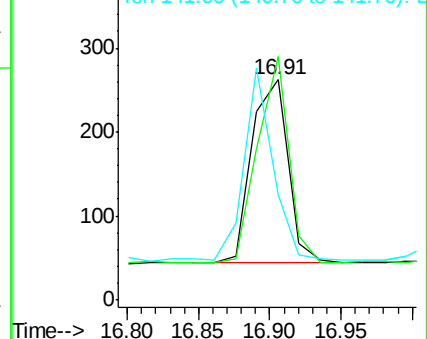
141 47.7 48.2 72.2#

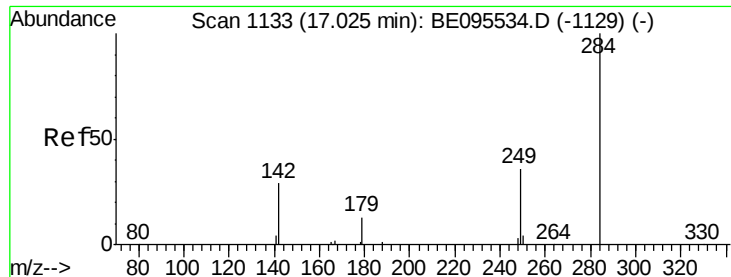


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

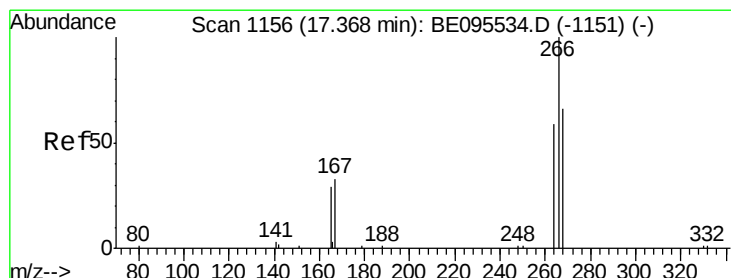
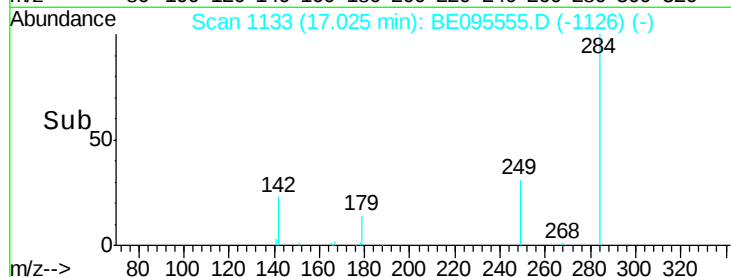
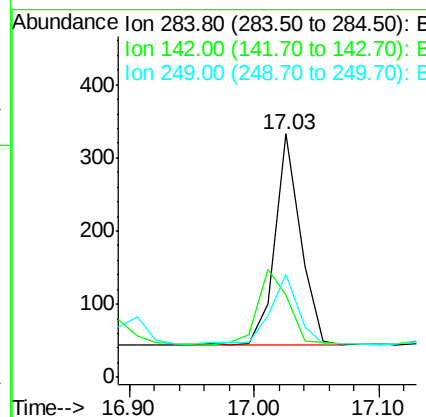
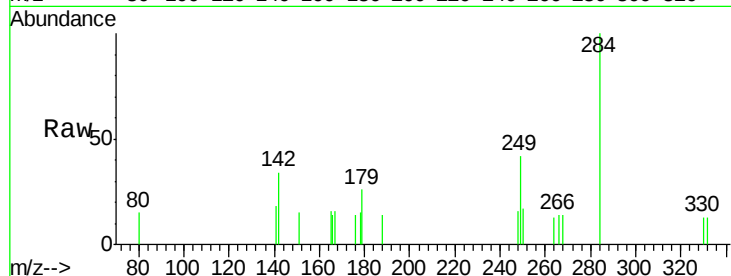




#21
Hexachlorobenzene
Concen: 0.089 ng
RT: 17.03 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

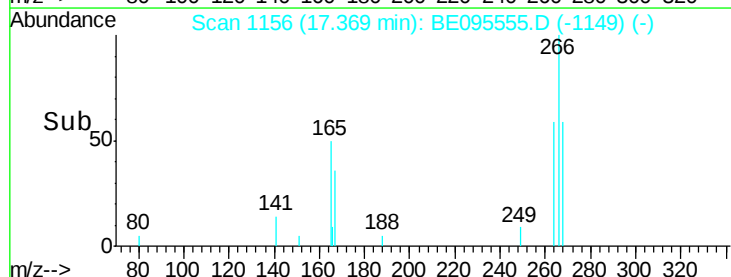
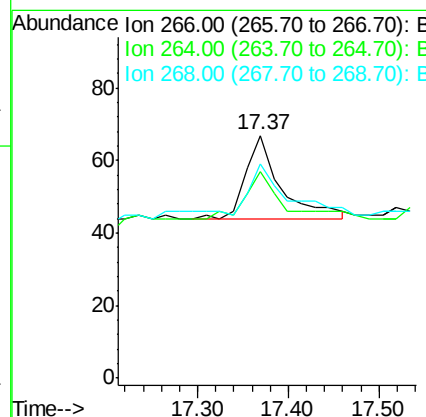
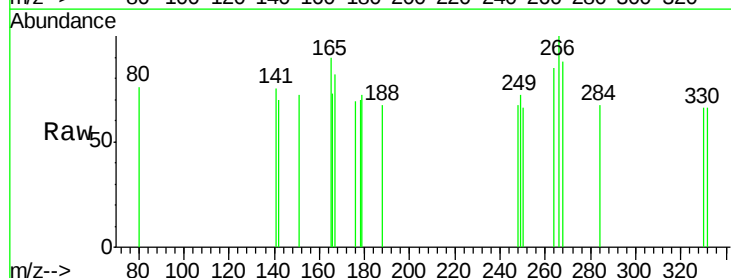
Instrument :
BNA_E
ClientSampleId :

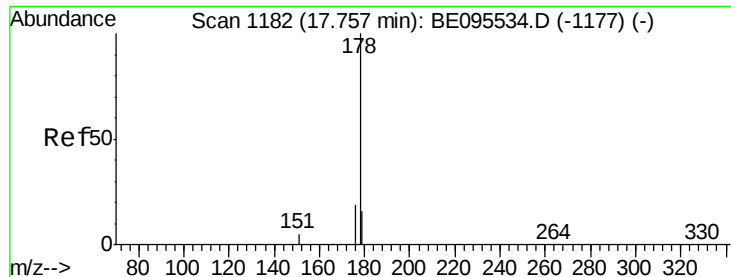
Tot Ion:284 Resp: 415
Ion Ratio Lower Upper
284 100
142 41.9 22.1 33.1#
249 34.5 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.194 ng
RT: 17.37 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:266 Resp: 62
Ion Ratio Lower Upper
266 100
264 85.1 72.5 108.7
268 88.1 73.8 110.6





#23

Phenanthrene

Concen: 0.088 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

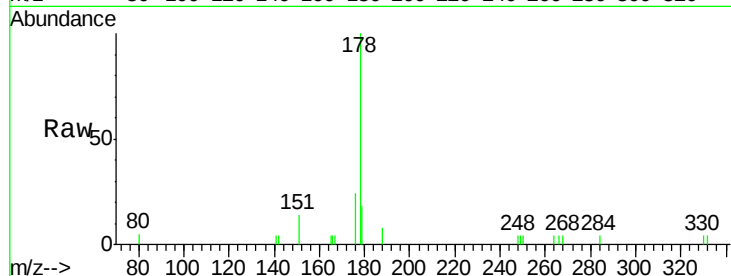
Tot Ion:178 Resp: 2033

Ion Ratio Lower Upper

178 100

176 21.0 15.1 22.7

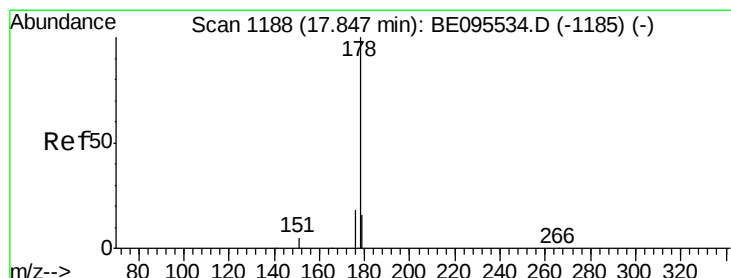
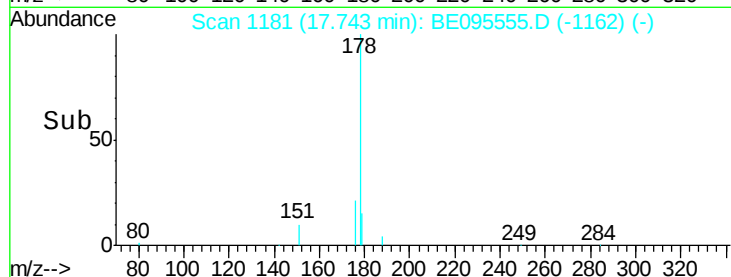
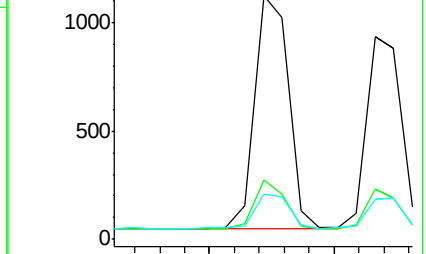
179 14.7 11.8 17.6



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: 0.080 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

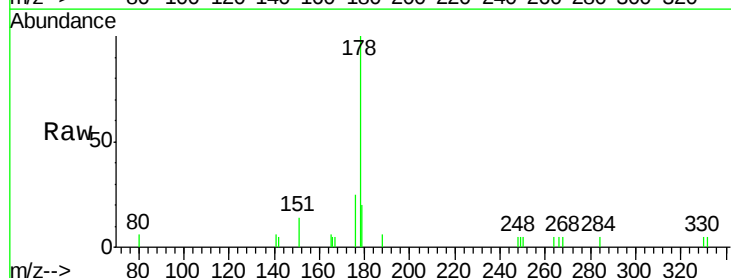
Tgt Ion:178 Resp: 1728

Ion Ratio Lower Upper

178 100

176 19.6 12.8 19.2#

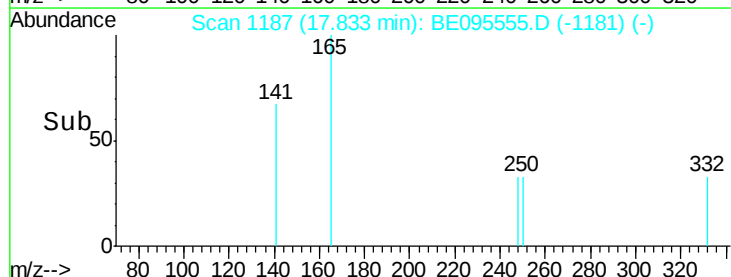
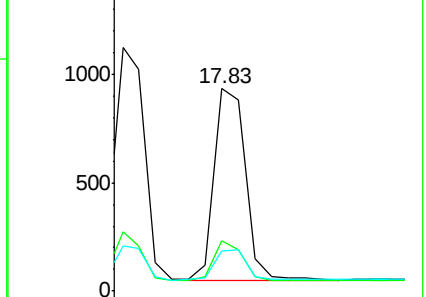
179 15.9 13.0 19.6

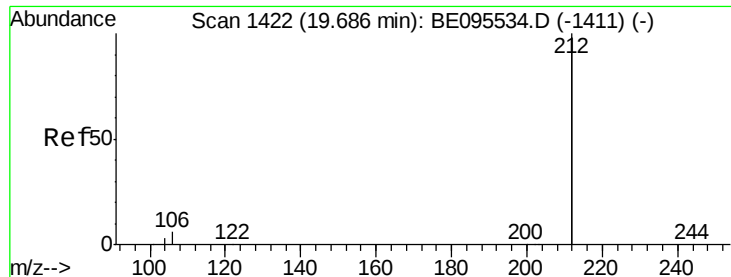


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.274 ng

RT: 19.69 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

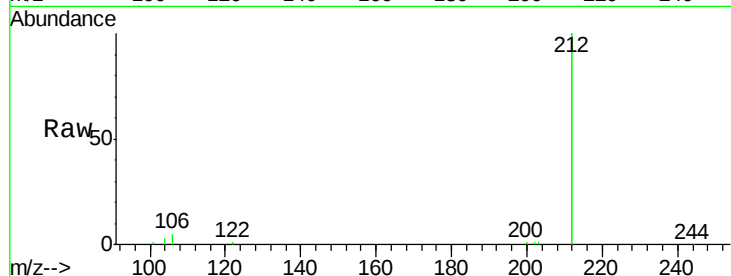
Tot Ion:212 Resp: 27054

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

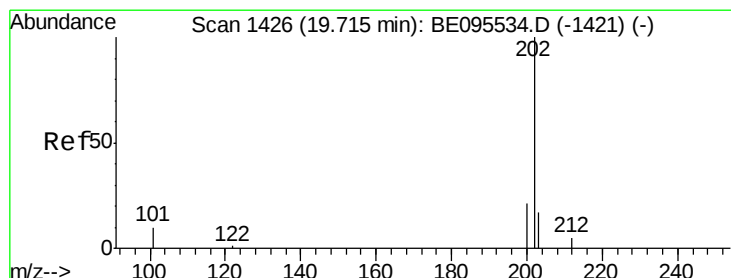
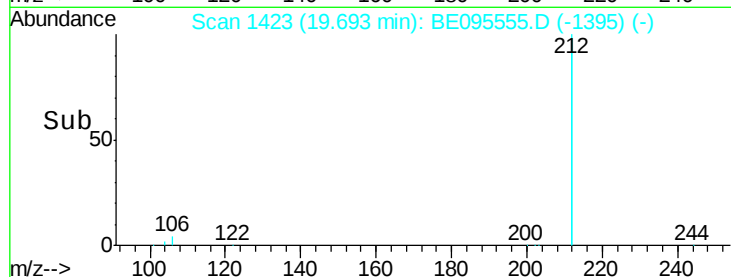
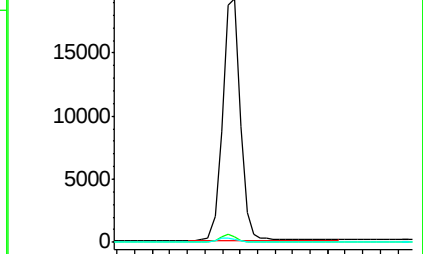
104 1.6 1.6 2.4



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: 0.085 ng

RT: 19.72 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

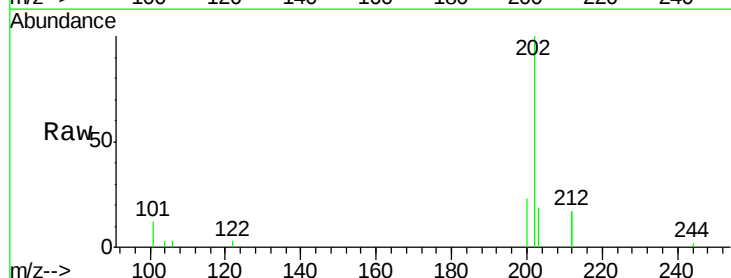
Tgt Ion:202 Resp: 2468

Ion Ratio Lower Upper

202 100

101 10.4 9.8 14.8

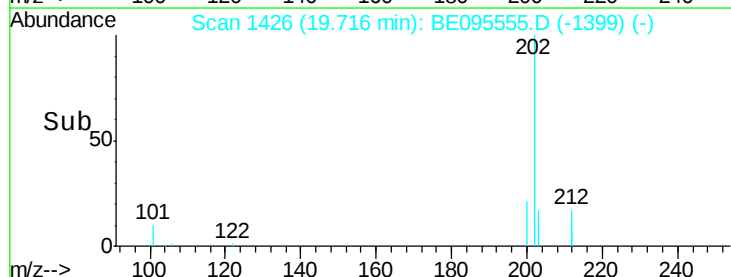
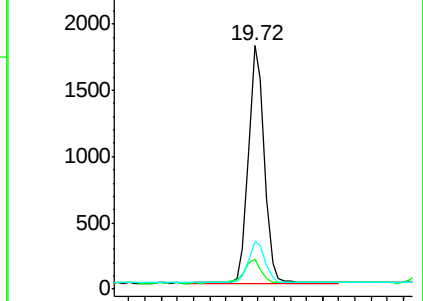
203 18.3 13.7 20.5

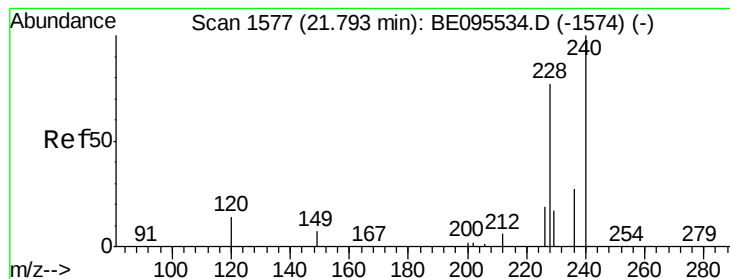


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.79 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

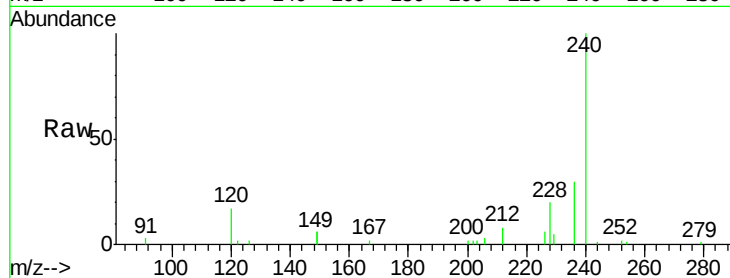
Tot Ion:240 Resp: 7336

Ion Ratio Lower Upper

240 100

120 16.6 5.5 8.3#

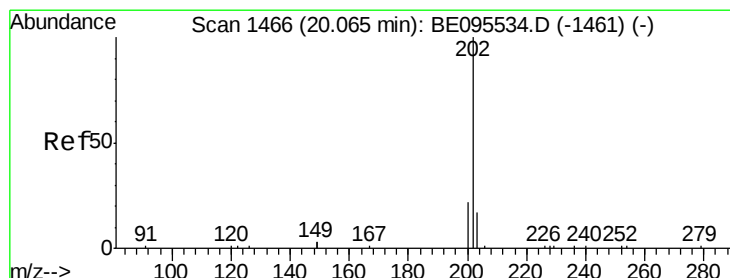
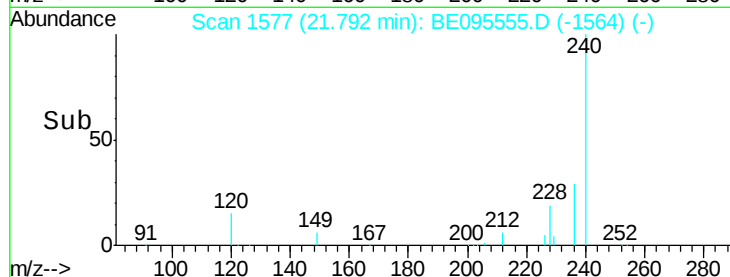
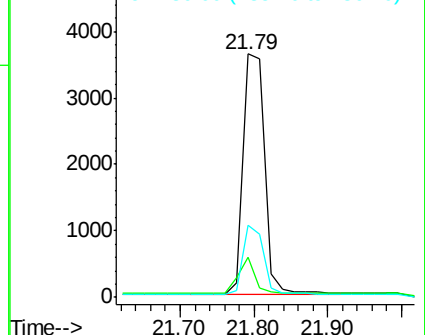
236 29.6 20.7 31.1



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: 0.095 ng

RT: 20.06 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

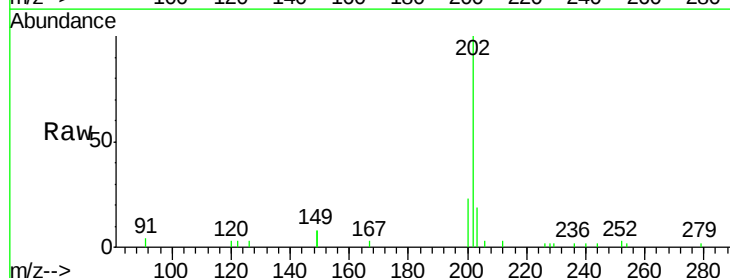
Tgt Ion:202 Resp: 2914

Ion Ratio Lower Upper

202 100

200 19.3 16.6 25.0

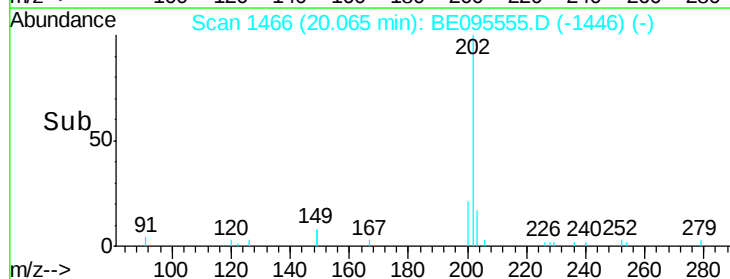
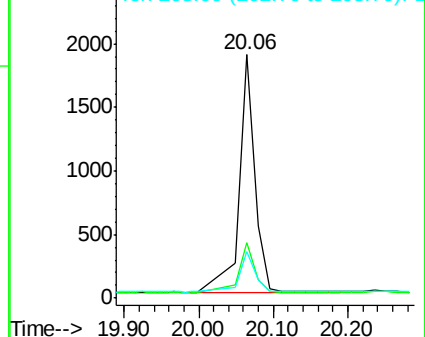
203 17.4 13.8 20.8



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: 0.301 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampled :

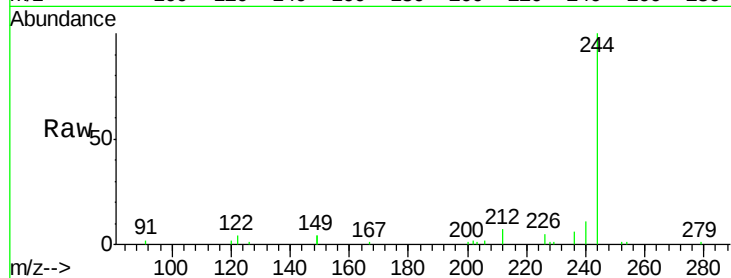
Tot Ion:244 Resp: 4699

Ion Ratio Lower Upper

244 100

212 7.4 25.4 38.0#

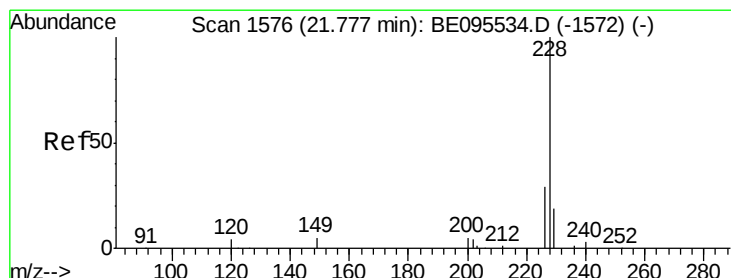
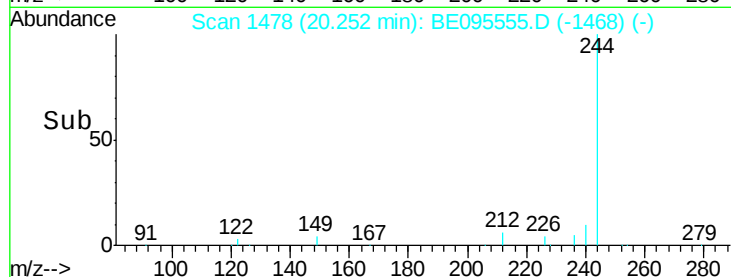
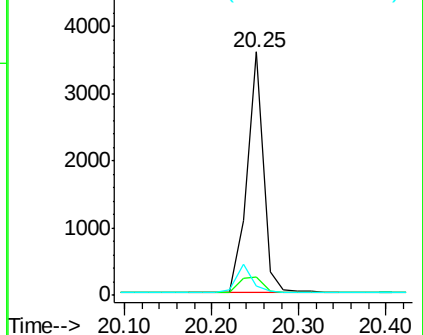
122 4.0 8.1 12.1#



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: 0.084 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

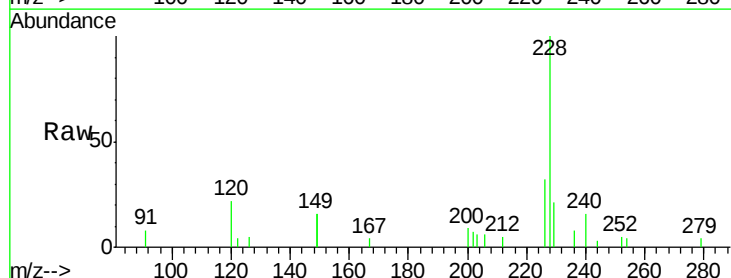
Tgt Ion:228 Resp: 2054

Ion Ratio Lower Upper

228 100

226 32.0 24.0 36.0

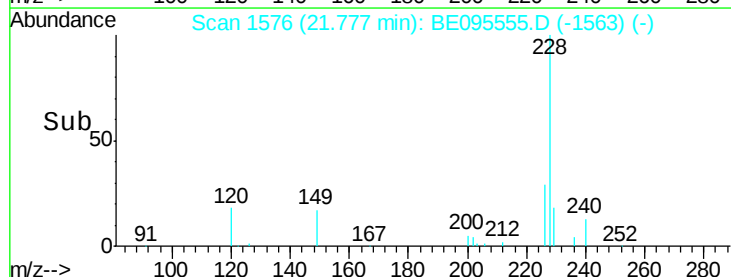
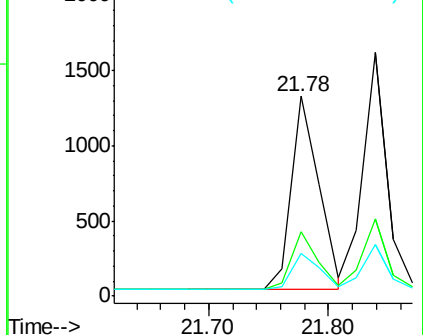
229 21.4 16.0 24.0

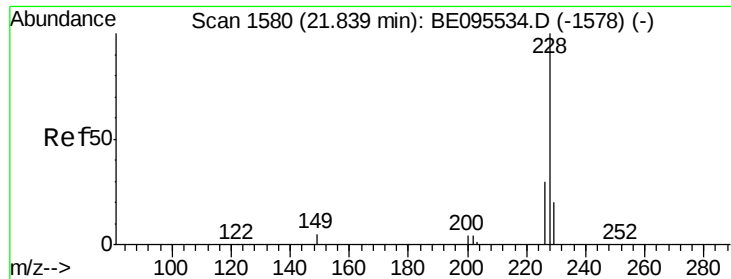


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.090 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

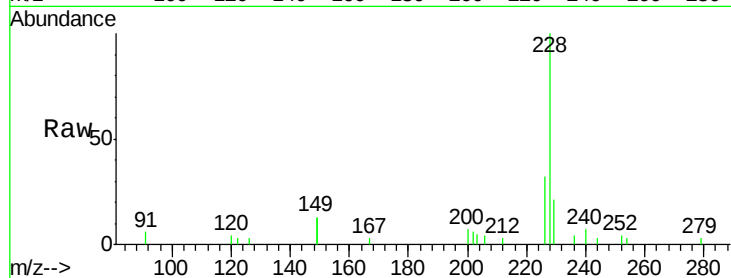
Tot Ion:228 Resp: 2160

Ion Ratio Lower Upper

228 100

226 31.7 24.0 36.0

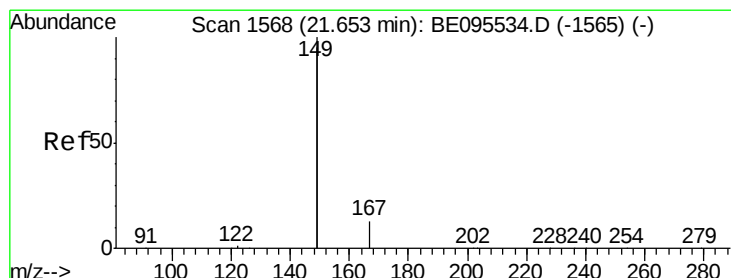
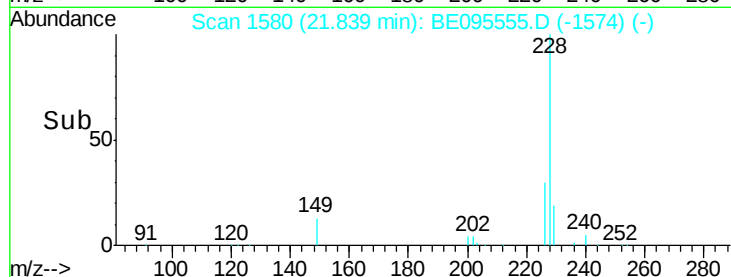
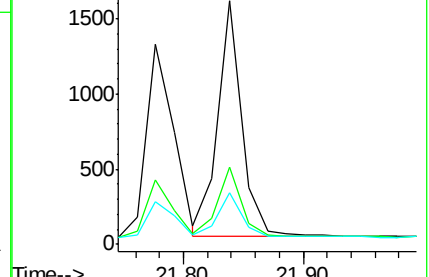
229 21.3 16.0 24.0



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: 0.073 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

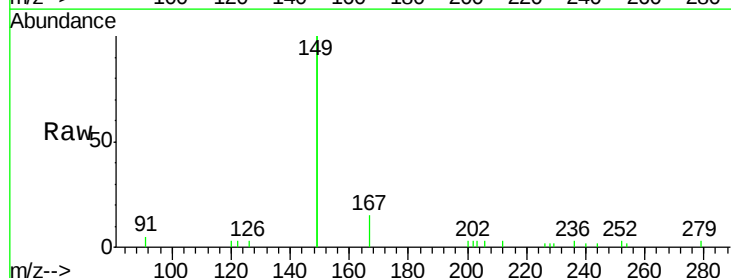
Tgt Ion:149 Resp: 4110

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

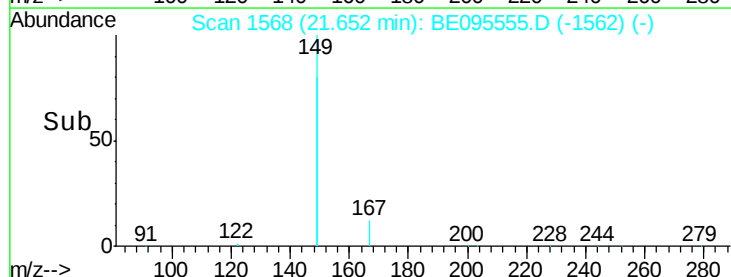
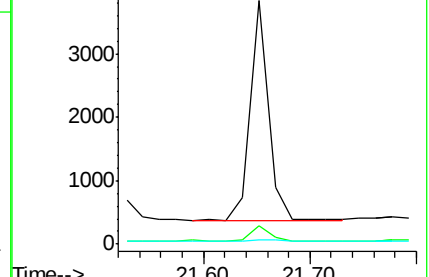
279 0.9 0.7 1.1



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

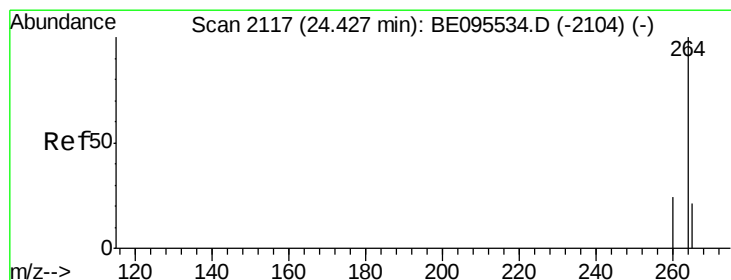
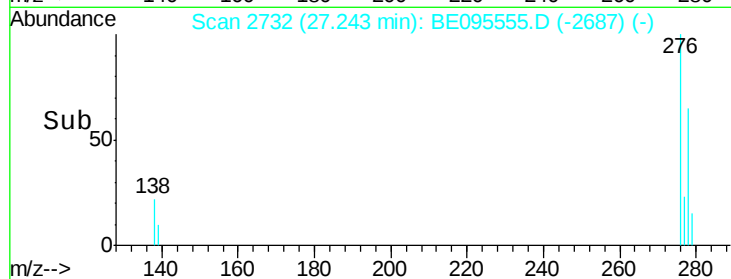
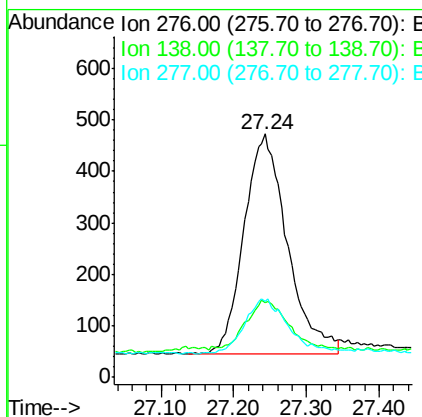
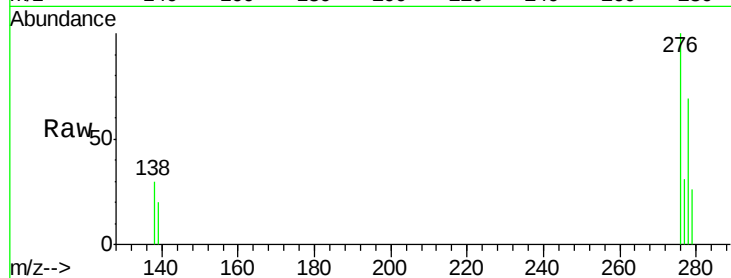




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.076 ng
 RT: 27.24 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: BE095555.D
 Acq: 7 Feb 2018 16:29

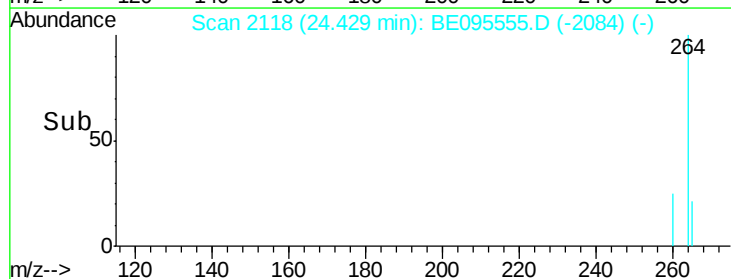
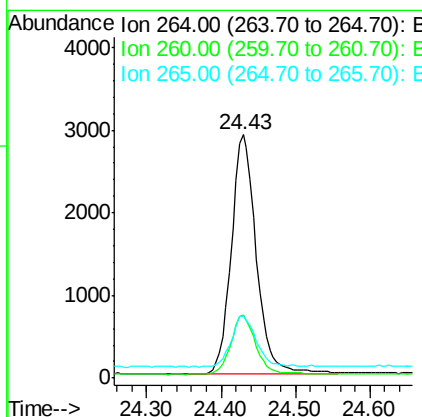
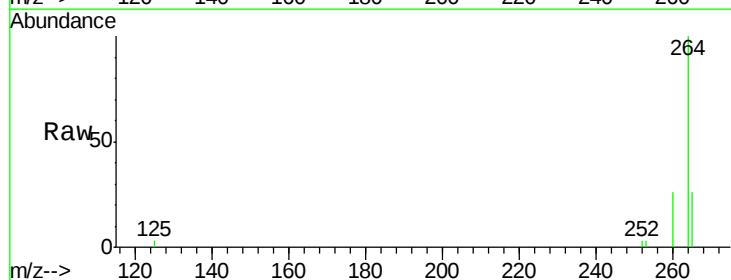
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 1758
 Ion Ratio Lower Upper
 276 100
 138 22.5 22.5 33.7
 277 25.4 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: BE095555.D
 Acq: 7 Feb 2018 16:29

Tgt Ion:264 Resp: 6776
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.5 30.7
 265 25.6 22.8 34.2

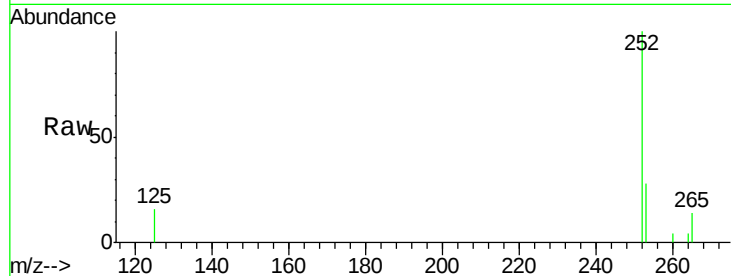




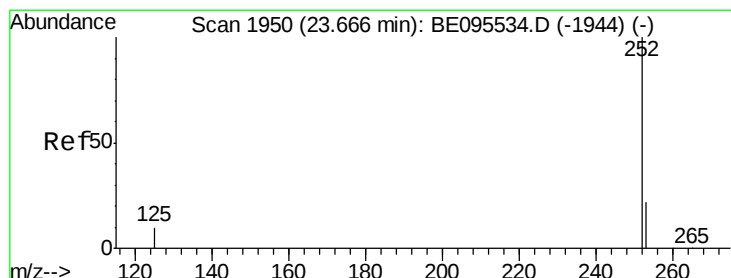
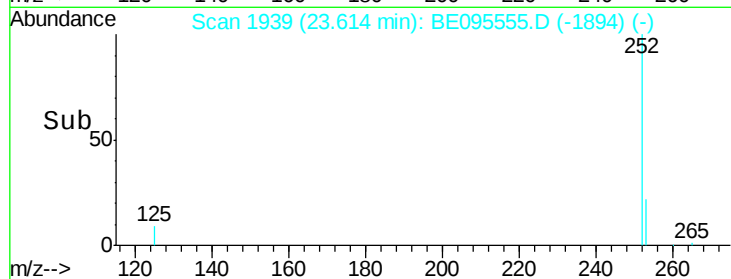
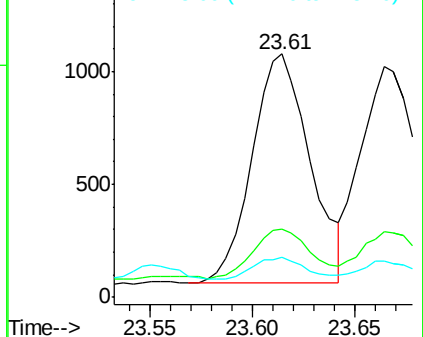
#35
Benzo(b)fluoranthene
Concen: 0.087 ng
RT: 23.61 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 2000
Ion Ratio Lower Upper
252 100
253 28.2 20.0 30.0
125 16.2 16.0 24.0

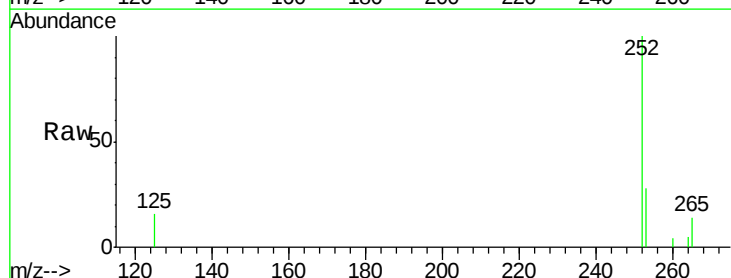


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

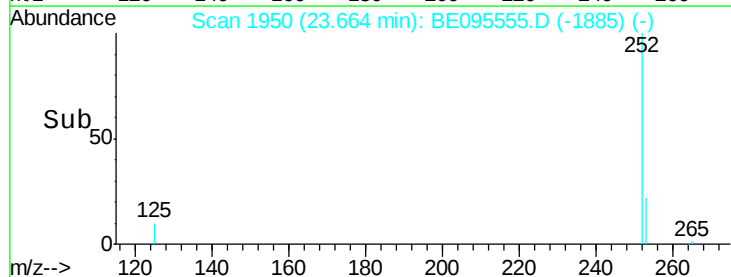
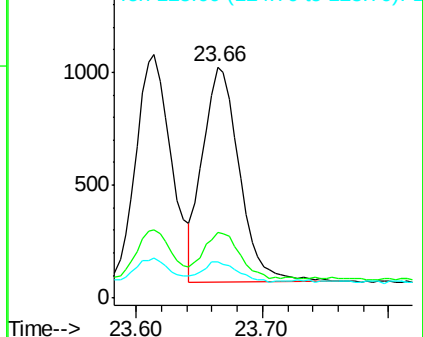


#36
Benzo(k)fluoranthene
Concen: 0.081 ng
RT: 23.66 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:252 Resp: 1922
Ion Ratio Lower Upper
252 100
253 28.3 16.0 24.0#
125 15.9 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: 0.080 ng

RT: 24.31 min Scan# 2092

Delta R.T. 0.00 min

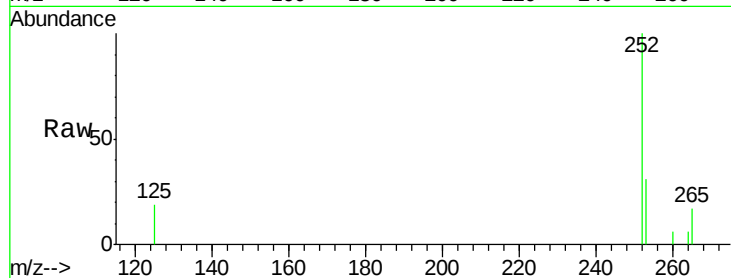
Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampled :



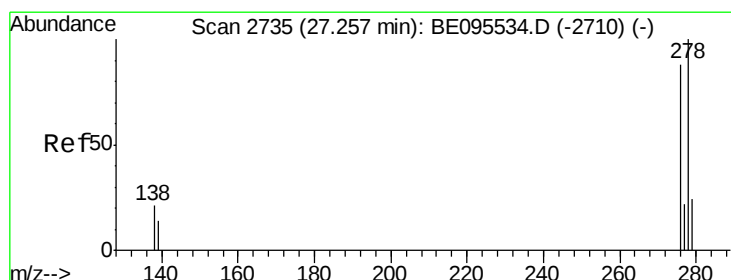
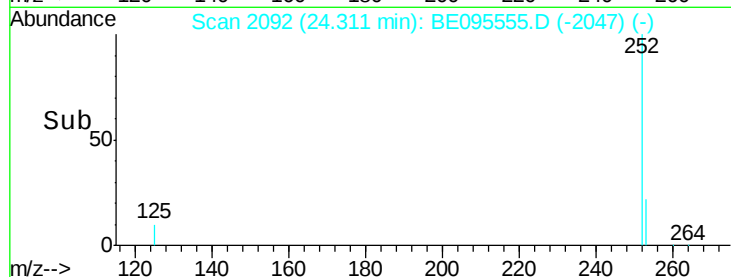
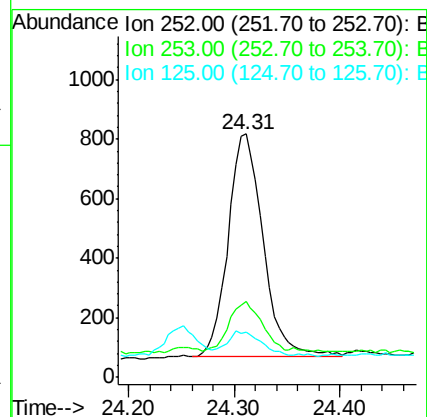
Tot Ion:252 Resp: 1725

Ion Ratio Lower Upper

252 100

253 31.1 16.0 24.0#

125 18.6 12.0 18.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.074 ng

RT: 27.26 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

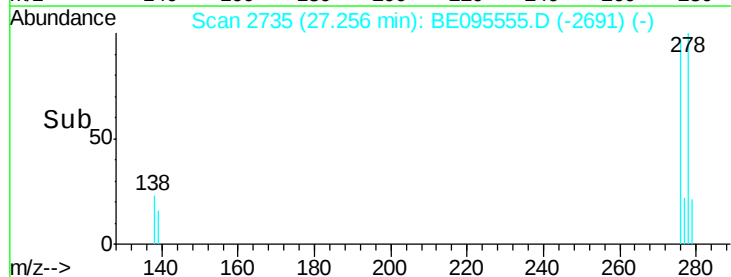
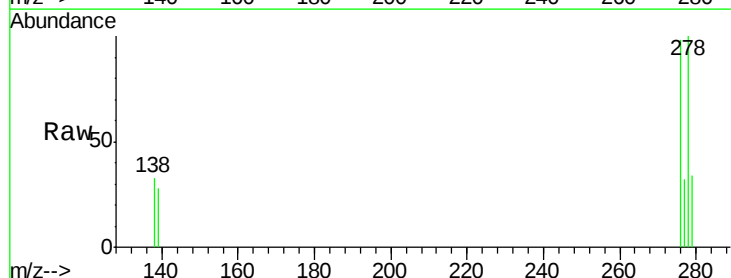
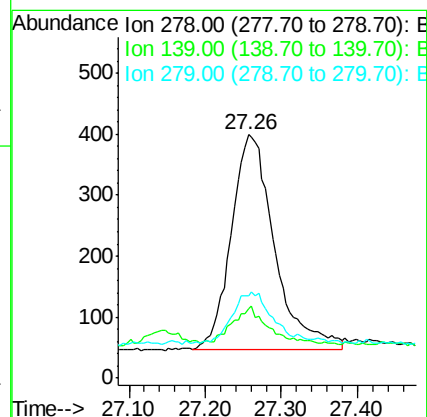
Tgt Ion:278 Resp: 1397

Ion Ratio Lower Upper

278 100

139 28.3 16.0 24.0#

279 33.8 20.0 30.0#





#39

Benzo(a,h,i)perylene

Concen: 0.082 ng

RT: 28.11 min Scan# 2923

Delta R.T. 0.00 min

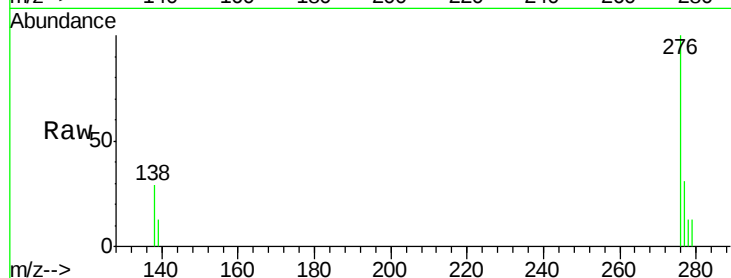
Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :



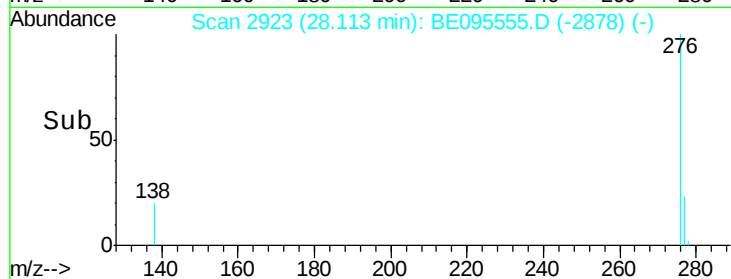
Tot Ion: 276 Resp: 1664

Ion Ratio Lower Upper

276 100

277 31.4 16.0 24.0#

138 29.4 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

