

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
 Data File : BE095556.D
 Acq On : 7 Feb 2018 17:05
 Operator : SJ/JU
 Sample : J1161-08
 Misc : L00 0.2ppm
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 08 01:16:23 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	1223	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4598	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2638	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6324	0.40	ng	0.00
27) Chrysene-d12	21.81	240	6575	0.40	ng	0.01
34) Perylene-d12	24.43	264	5910	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1175	0.32	ng	0.00
5) Phenol-d6	7.56	99	1577	0.31	ng	0.00
8) Nitrobenzene-d5	9.61	82	1638	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2737	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	311	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	4113	0.36	ng	0.00
25) Fluoranthene-d10	19.69	212	28909	0.35	ng	0.00
29) Terphenyl-d14	20.25	244	4817	0.34	ng	0.00

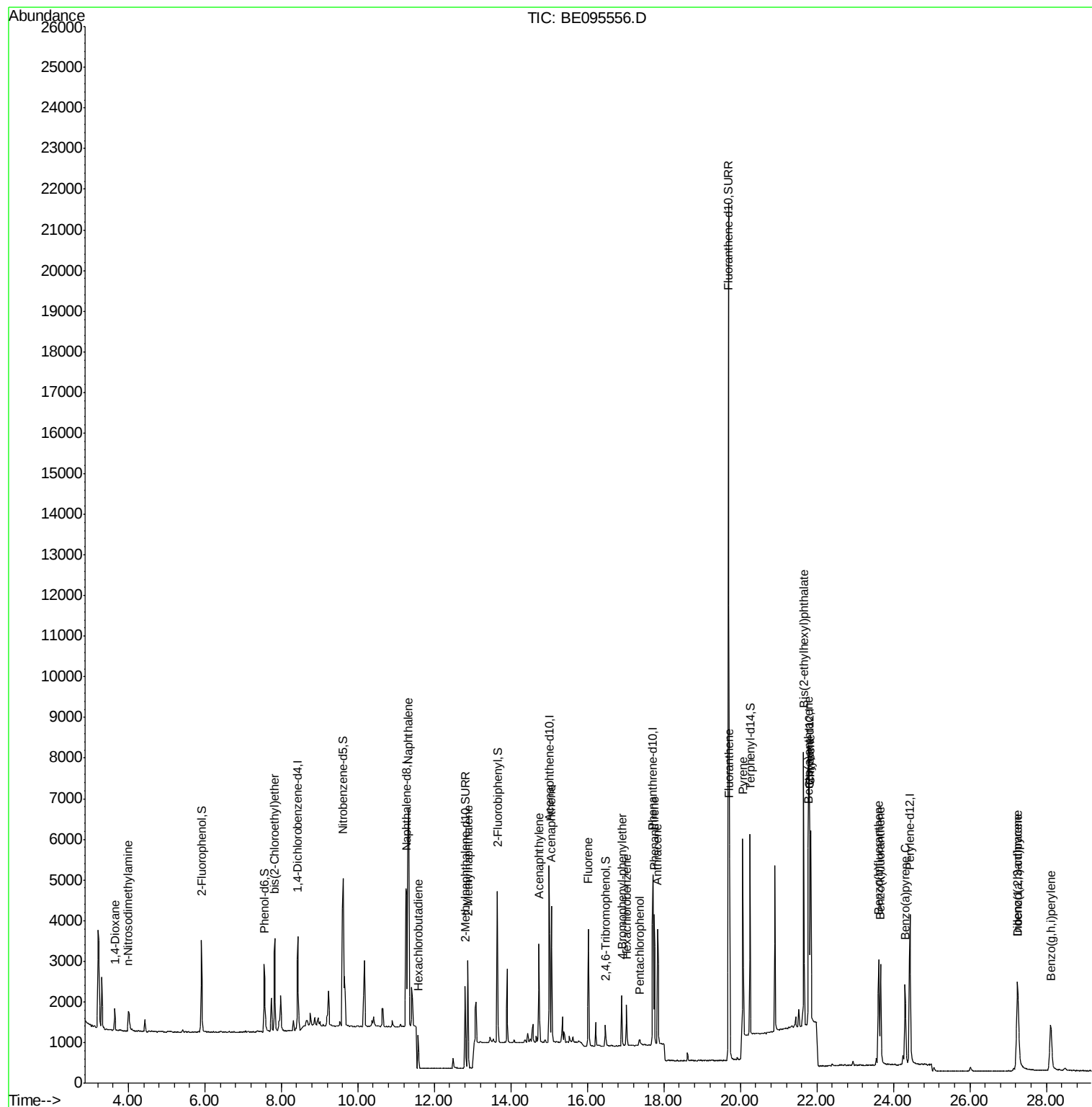
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	448	0.221	ng	# 86
3) n-Nitrosodimethylamine	4.00	42	434	0.170	ng	# 91
6) bis(2-Chloroethyl)ether	7.83	93	901	0.192	ng	91
9) Naphthalene	11.33	128	10526	0.197	ng	99
10) Hexachlorobutadiene	11.58	225	629	0.219	ng	91
12) 2-Methylnaphthalene	12.88	142	1793	0.198	ng	92
16) Acenaphthylene	14.73	152	2826	0.188	ng	100
17) Acenaphthene	15.06	154	1783	0.191	ng	92
18) Fluorene	16.02	166	2264	0.193	ng	# 79
20) 4-Bromophenyl-phenylether	16.91	248	720	0.189	ng	# 67
21) Hexachlorobenzene	17.03	284	774	0.197	ng	# 79
22) Pentachlorophenol	17.37	266	122	0.237	ng	89
23) Phenanthrene	17.74	178	3880	0.200	ng	99
24) Anthracene	17.83	178	3428	0.189	ng	96
26) Fluoranthene	19.72	202	4706	0.192	ng	98
28) Pyrene	20.06	202	5533	0.200	ng	98
30) Benzo(a)anthracene	21.78	228	3965	0.181	ng	100
31) Chrysene	21.84	228	4221	0.195	ng	99
32) Bis(2-ethylhexyl)phthalate	21.65	149	7684	0.152	ng	99
33) Indeno(1,2,3-cd)pyrene	27.24	276	3675	0.176	ng	# 93
35) Benzo(b)fluoranthene	23.62	252	3949	0.196	ng	# 92
36) Benzo(k)fluoranthene	23.67	252	3981	0.192	ng	# 90
37) Benzo(a)pyrene	24.31	252	3551	0.189	ng	# 92
38) Dibenzo(a,h)anthracene	27.25	278	2876	0.175	ng	94
39) Benzo(g,h,i)perylene	28.11	276	3271	0.186	ng	# 93

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

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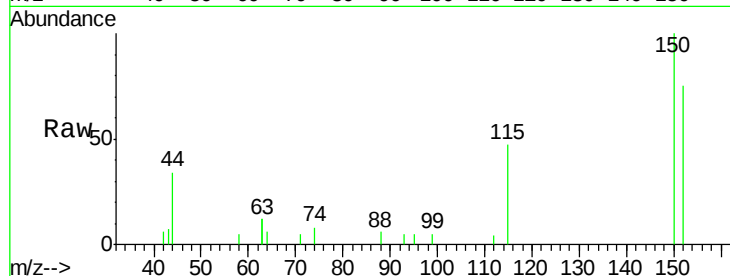


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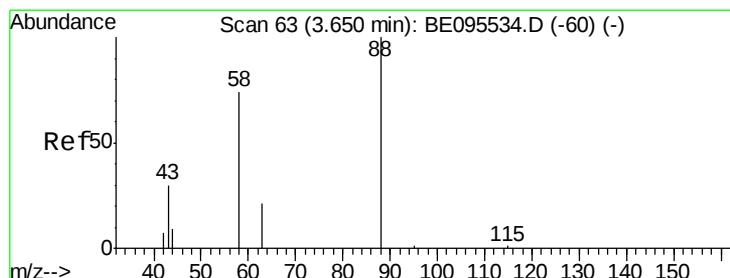
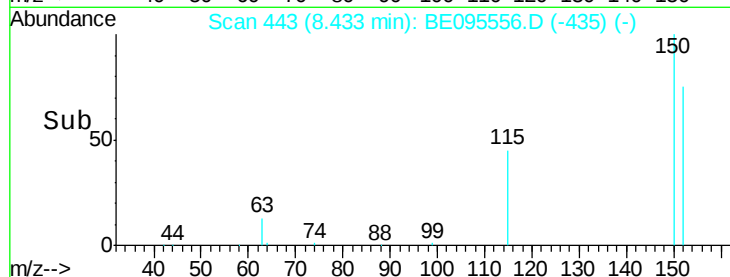
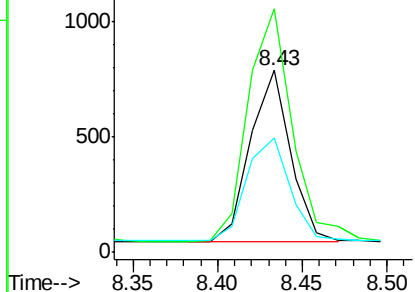
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 443
Delta R.T. -0.00 min
Lab File: BE095556.D
Acq: 7 Feb 2018 17:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1223
Ion Ratio Lower Upper
152 100
150 133.9 117.2 175.8
115 62.8 57.0 85.6



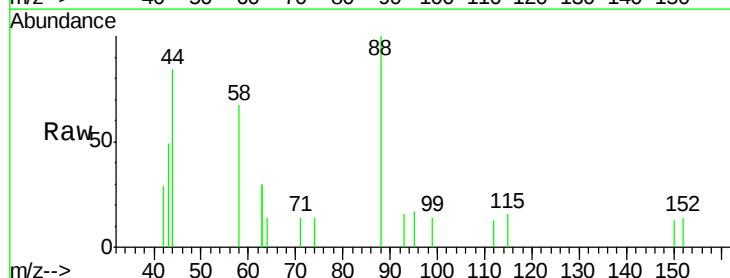
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



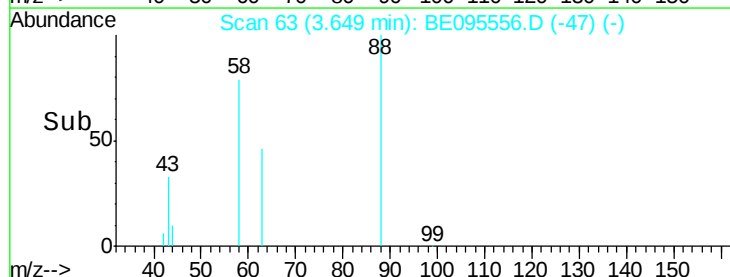
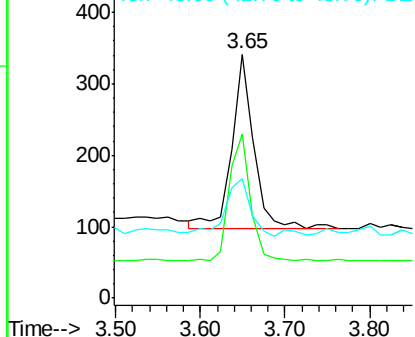
#2

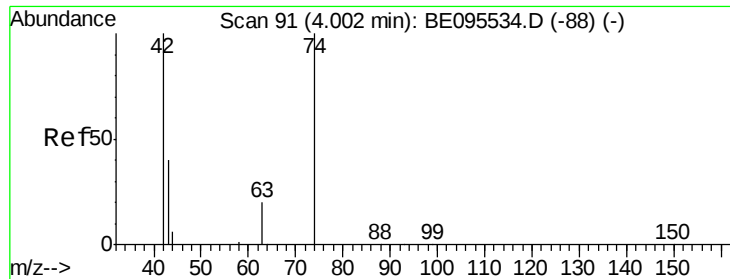
1,4-Dioxane
Concen: 0.221 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE095556.D
Acq: 7 Feb 2018 17:05

Tgt Ion: 88 Resp: 448
Ion Ratio Lower Upper
88 100
58 69.2 63.2 94.8
43 38.2 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



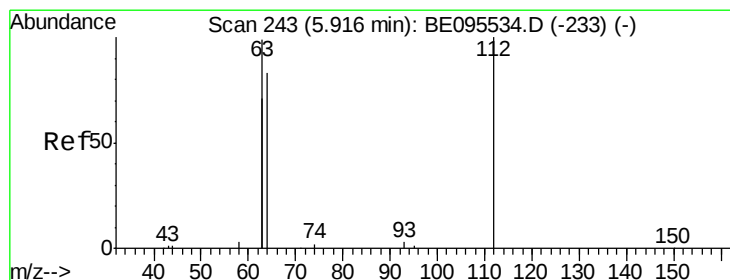
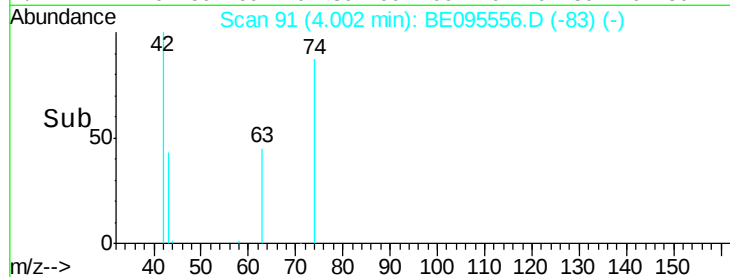
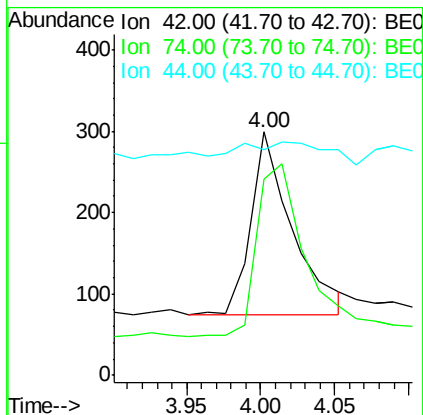
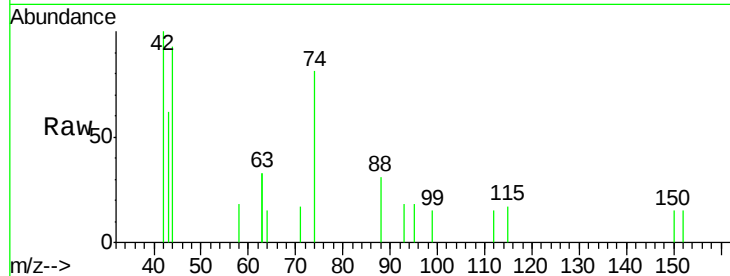


#3

n-Nitrosodimethylamine
 Concen: 0.170 ng
 RT: 4.00 min Scan# 91
 Delta R.T. -0.00 min
 Lab File: BE095556.D
 Acq: 7 Feb 2018 17:05

Instrument :
 BNA_E
 ClientSampleId :

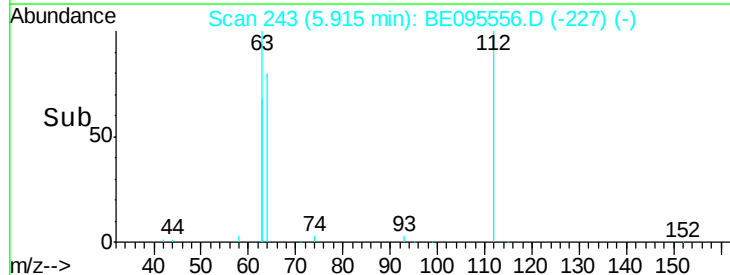
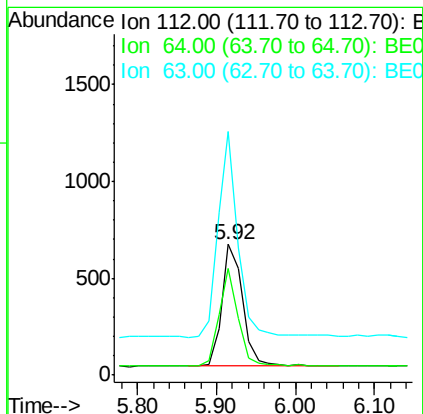
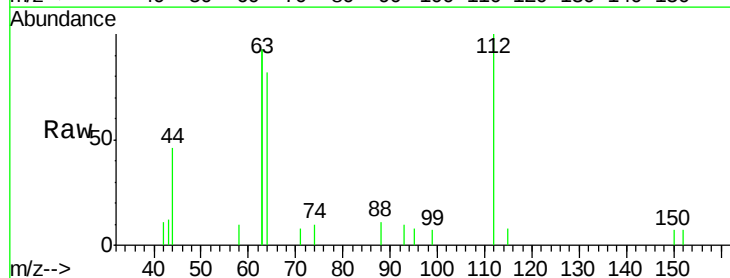
Tot Ion: 42 Resp: 434
 Ion Ratio Lower Upper
 42 100
 74 110.1 96.0 144.0
 44 10.6 12.0 18.0#

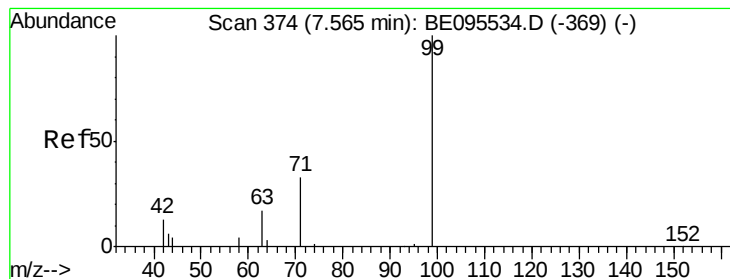


#4

2-Fluorophenol
 Concen: 0.318 ng
 RT: 5.92 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: BE095556.D
 Acq: 7 Feb 2018 17:05

Tgt Ion: 112 Resp: 1175
 Ion Ratio Lower Upper
 112 100
 64 74.6 60.1 90.1
 63 156.9 116.8 175.2





#5

Phenol-d6

Concen: 0.309 ng

RT: 7.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_E

ClientSampled :

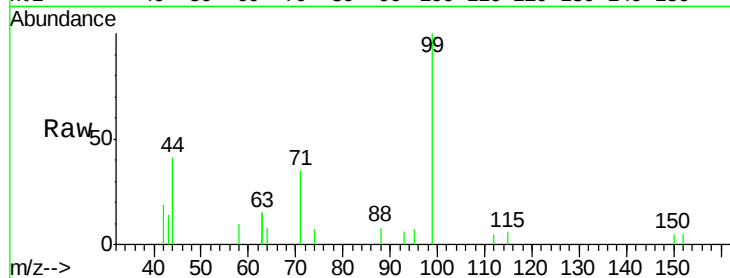
Tot Ion: 99 Resp: 1577

Ion Ratio Lower Upper

99 100

42 24.2 20.2 30.2

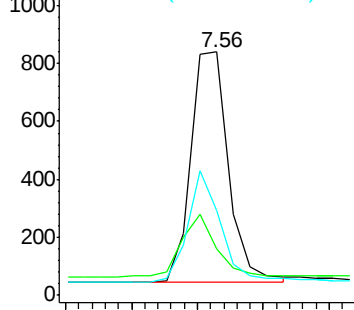
71 41.6 28.4 42.6



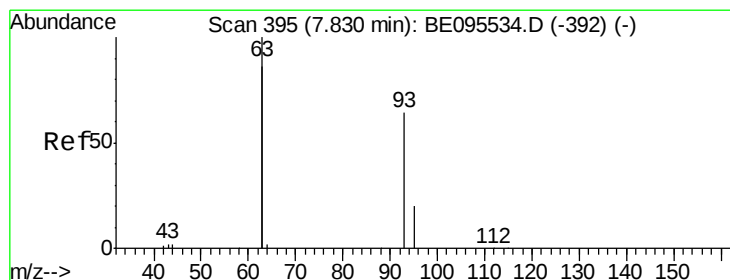
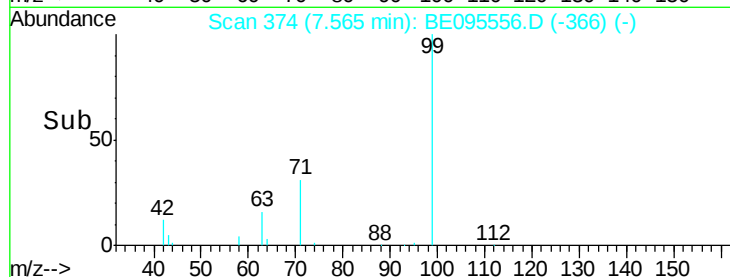
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.192 ng

RT: 7.83 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

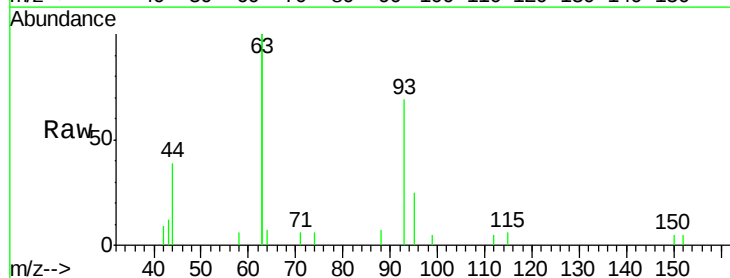
Tgt Ion: 93 Resp: 901

Ion Ratio Lower Upper

93 100

63 322.3 275.3 412.9

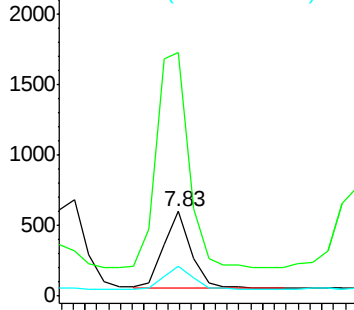
95 31.5 25.2 37.8



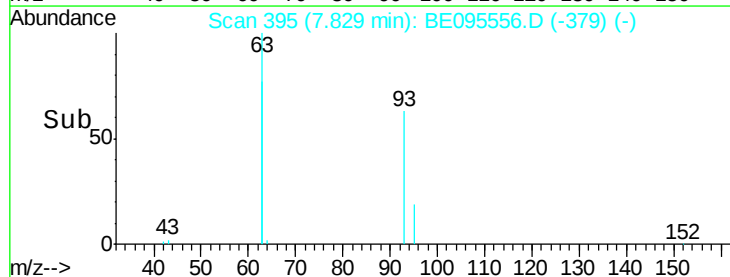
Abundance Ion 93.00 (92.70 to 93.70): BE0

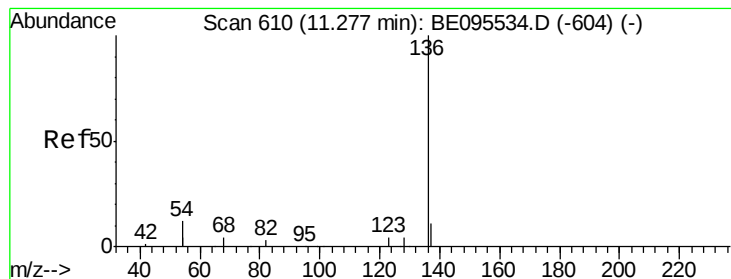
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4598

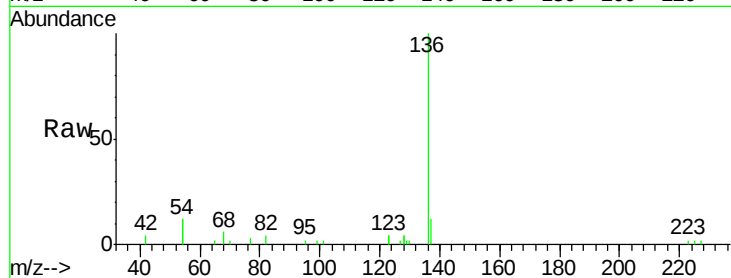
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 23.7 29.1 43.7#

68 5.9 6.2 9.2#

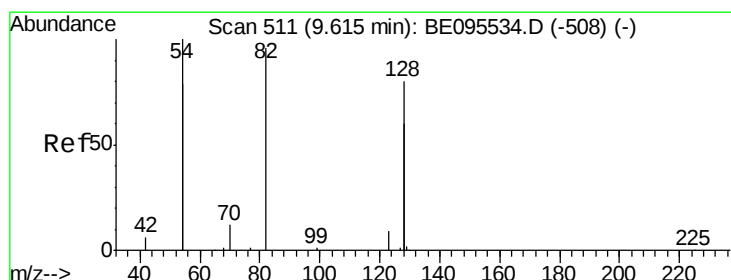
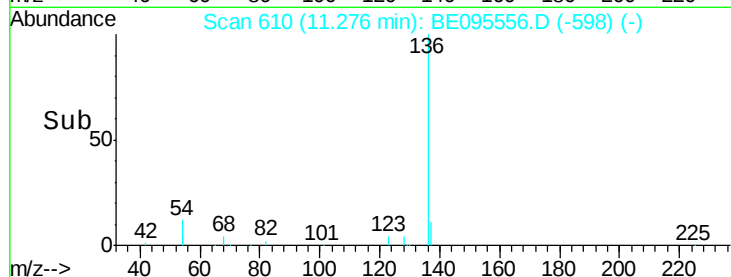
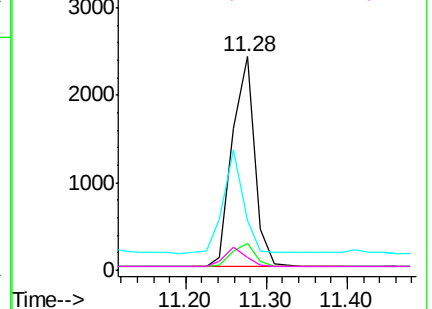


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.336 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

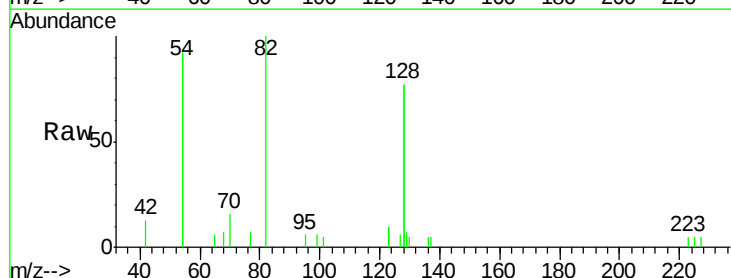
Tgt Ion: 82 Resp: 1638

Ion Ratio Lower Upper

82 100

128 153.4 150.0 225.0

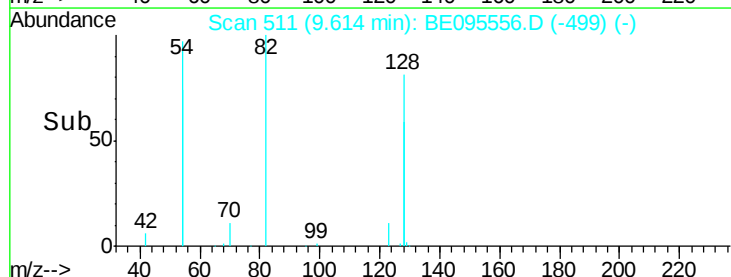
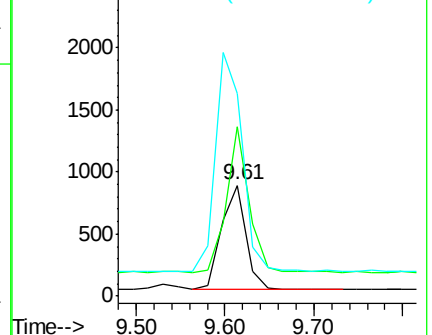
54 183.2 154.2 231.4

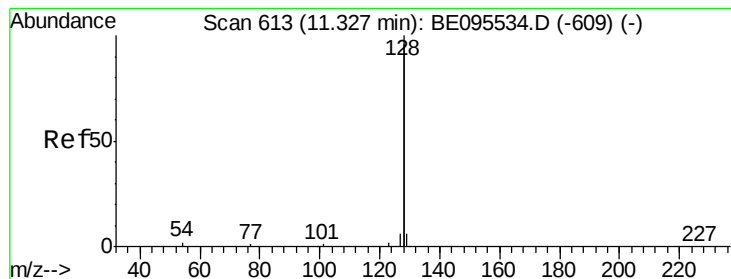


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.197 ng

RT: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_E

ClientSampleId :

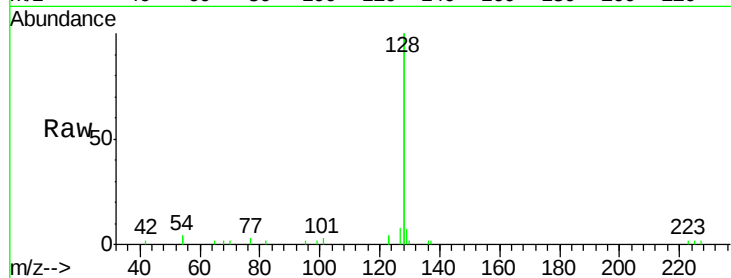
Tot Ion:128 Resp: 10526

Ion Ratio Lower Upper

128 100

129 3.6 2.6 3.8

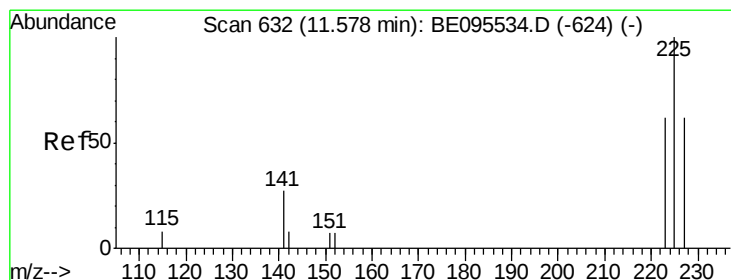
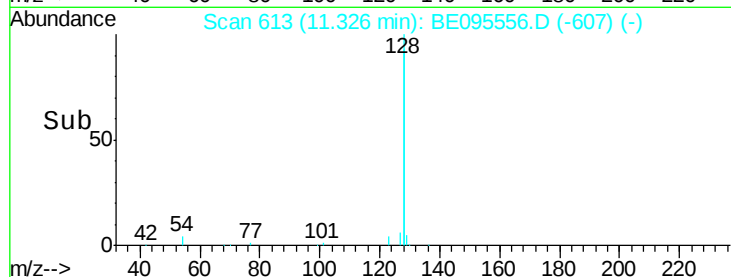
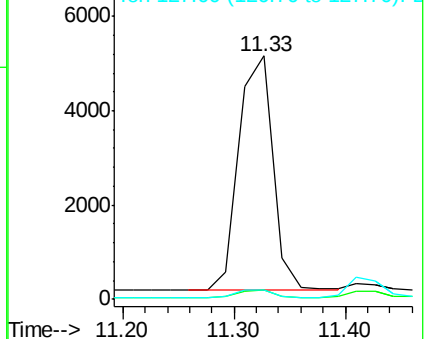
127 3.8 2.8 4.2



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: 0.219 ng

RT: 11.58 min Scan# 632

Delta R.T. -0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

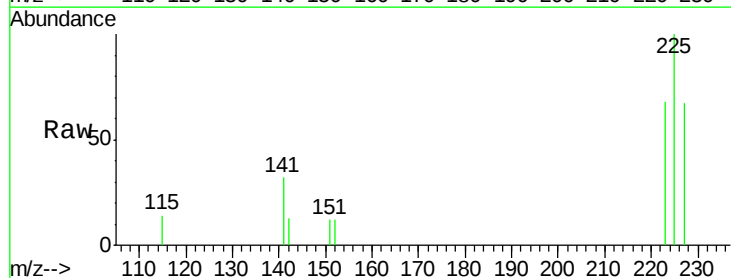
Tgt Ion:225 Resp: 629

Ion Ratio Lower Upper

225 100

223 63.3 53.0 79.6

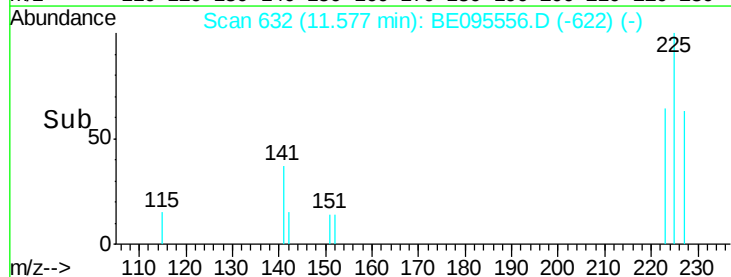
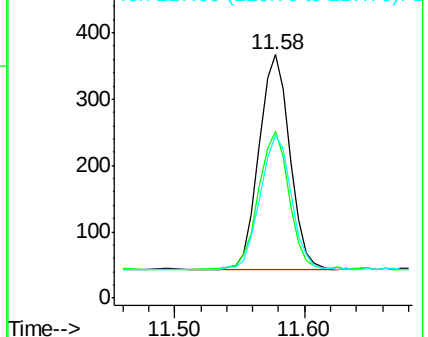
227 52.6 51.4 77.2

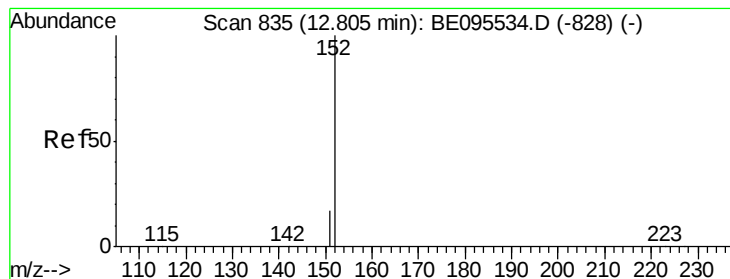


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_E

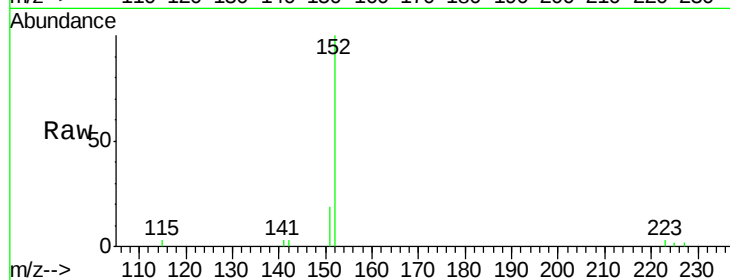
ClientSampleId :

Tot Ion:152 Resp: 2737

Ion Ratio Lower Upper

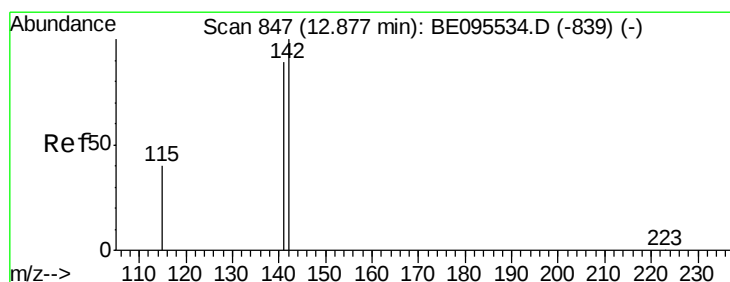
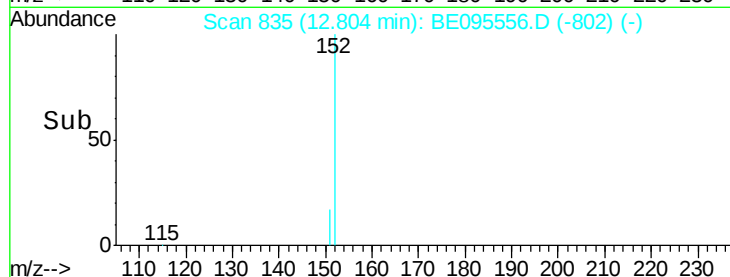
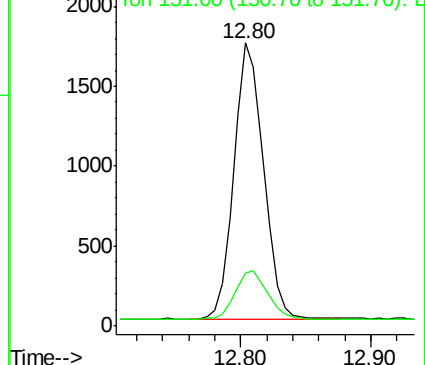
152 100

151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.198 ng

RT: 12.88 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

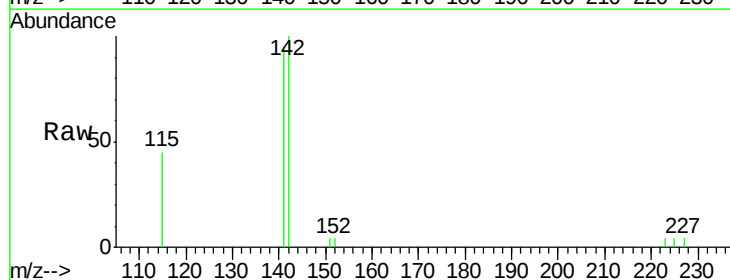
Tgt Ion:142 Resp: 1793

Ion Ratio Lower Upper

142 100

141 94.8 70.4 105.6

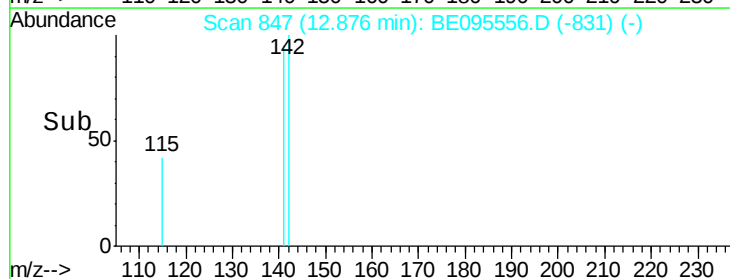
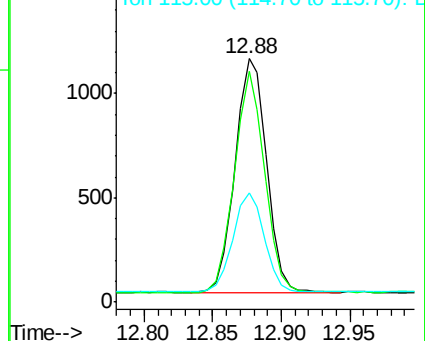
115 44.6 31.7 47.5

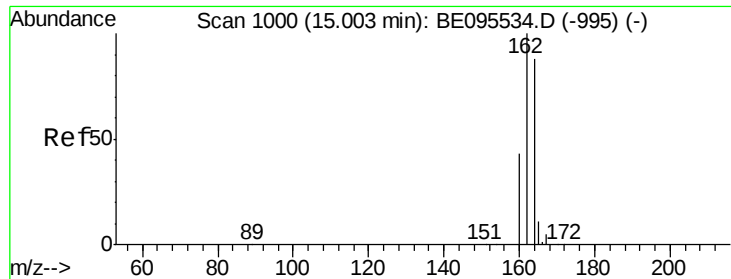


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

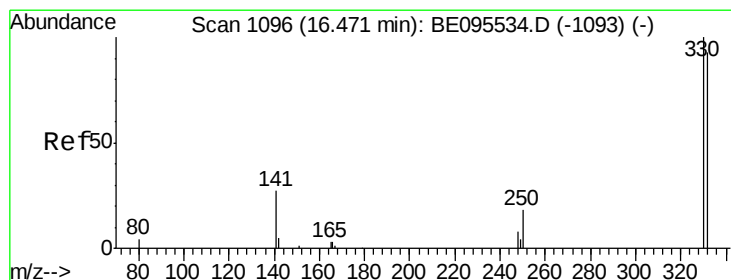
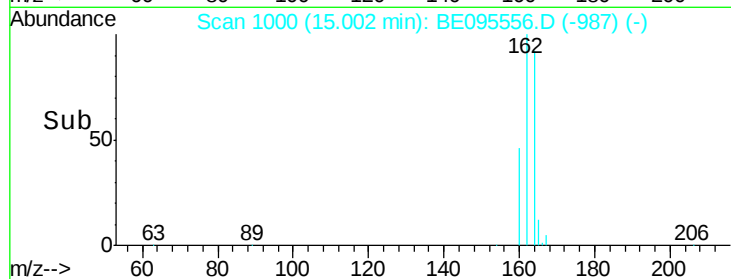
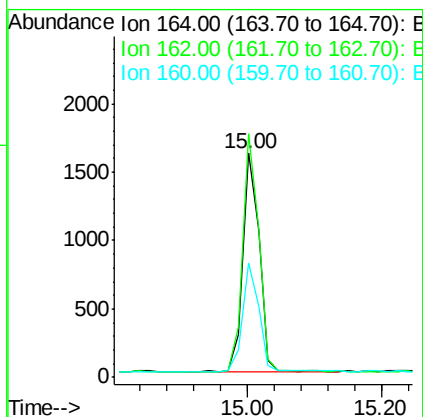
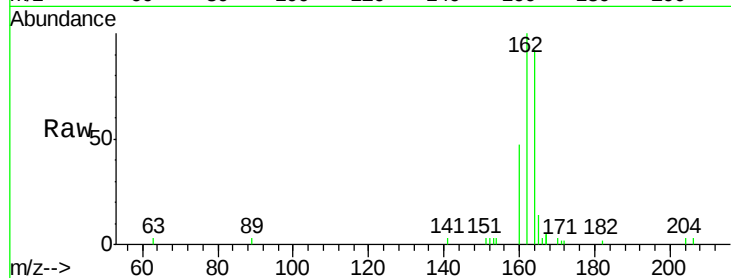




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095556.D
Acq: 7 Feb 2018 17:05

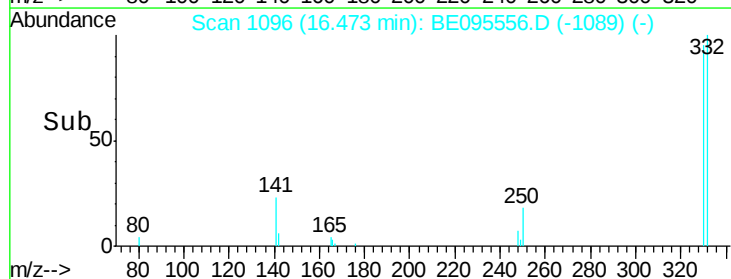
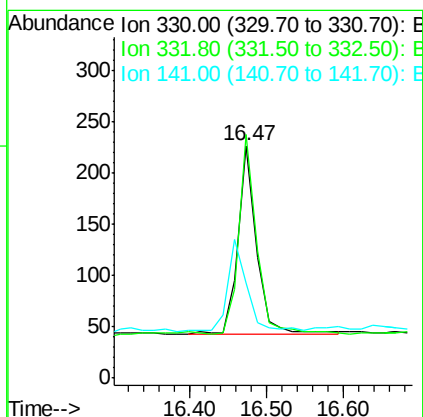
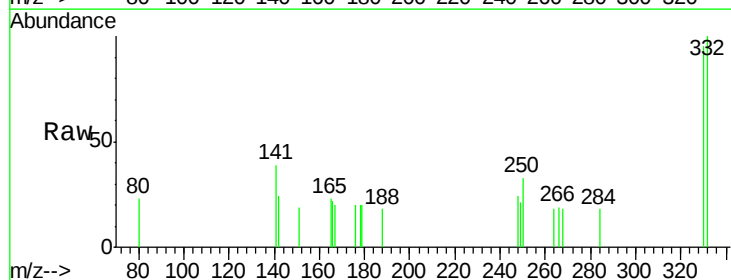
Instrument :
BNA_E
ClientSampleId :

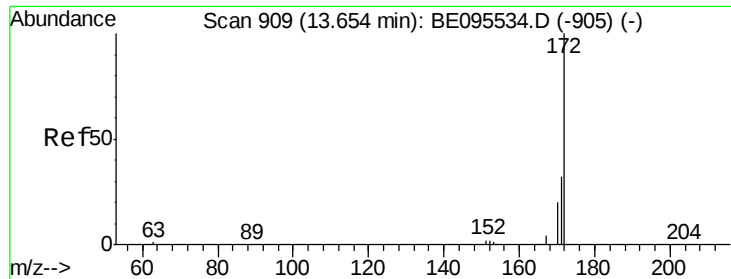
Tot Ion:164 Resp: 2638
Ion Ratio Lower Upper
164 100
162 108.7 83.1 124.7
160 51.1 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.259 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095556.D
Acq: 7 Feb 2018 17:05

Tgt Ion:330 Resp: 311
Ion Ratio Lower Upper
330 100
332 101.3 152.7 229.1#
141 46.6 33.7 50.5

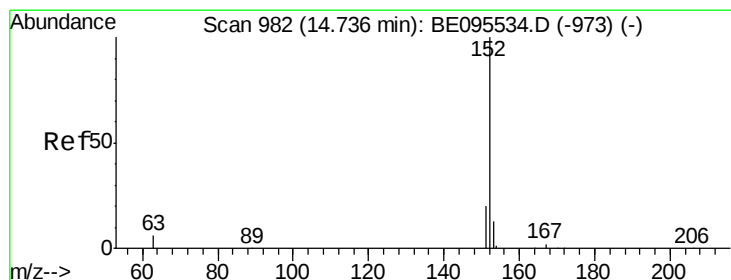
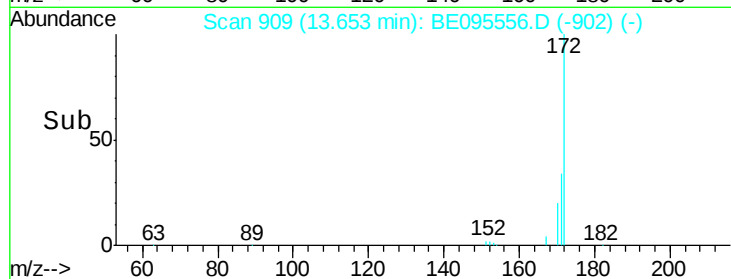
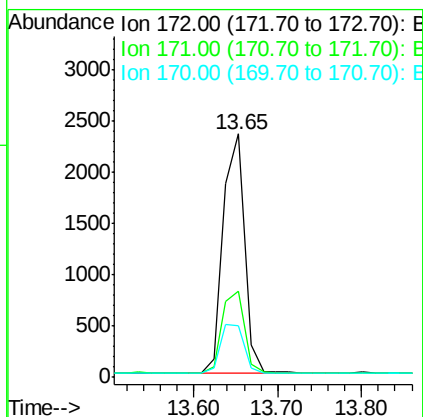
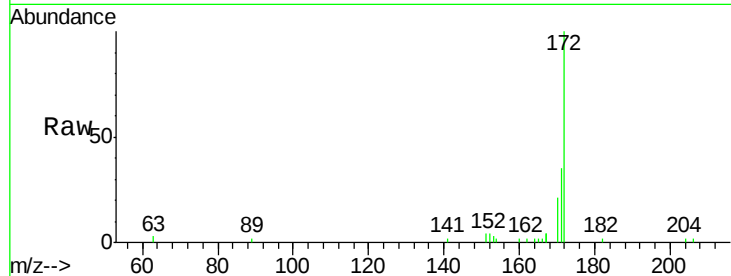




#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.65 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE095556.D
Acq: 7 Feb 2018 17:05

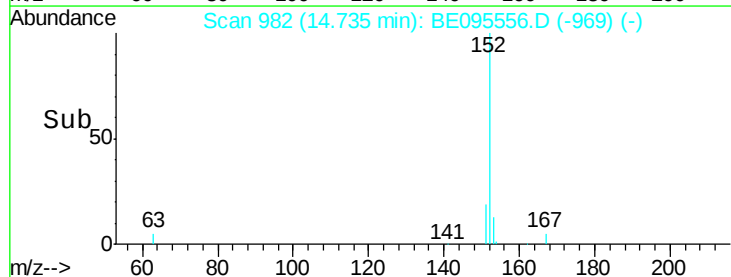
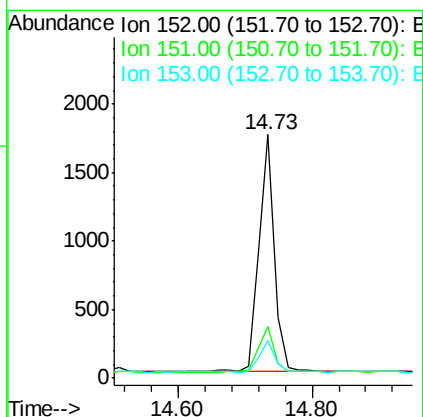
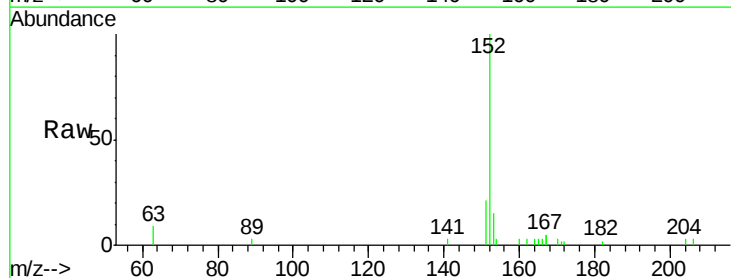
Instrument :
BNA_E
ClientSampleId :

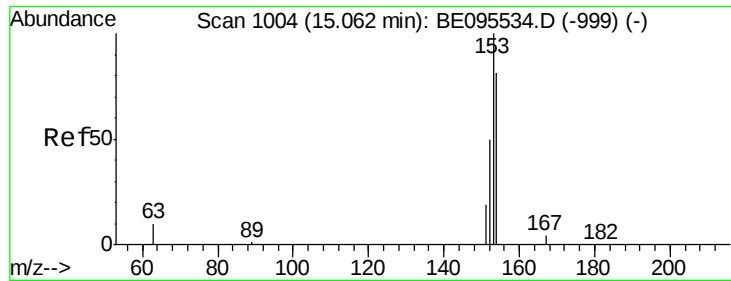
Tot Ion:172 Resp: 4113
Ion Ratio Lower Upper
172 100
171 35.3 29.9 44.9
170 21.1 21.8 32.8#



#16
Acenaphthylene
Concen: 0.188 ng
RT: 14.73 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095556.D
Acq: 7 Feb 2018 17:05

Tgt Ion:152 Resp: 2826
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.191 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_E

ClientSampleId :

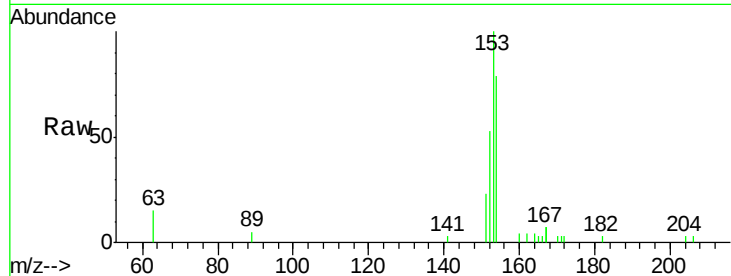
Tot Ion:154 Resp: 1783

Ion Ratio Lower Upper

154 100

153 118.8 89.2 133.8

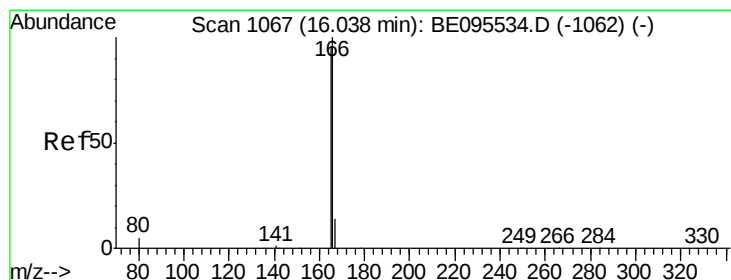
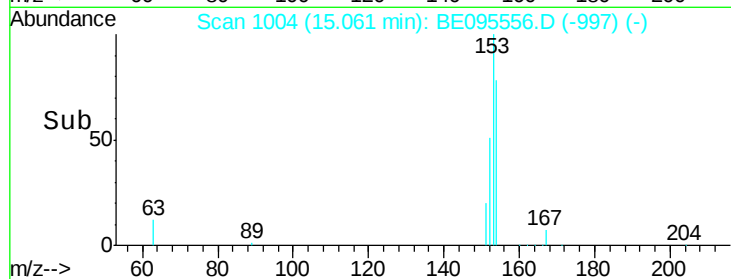
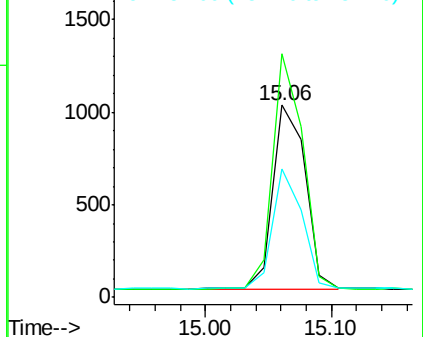
152 59.8 42.0 63.0



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: 0.193 ng

RT: 16.02 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

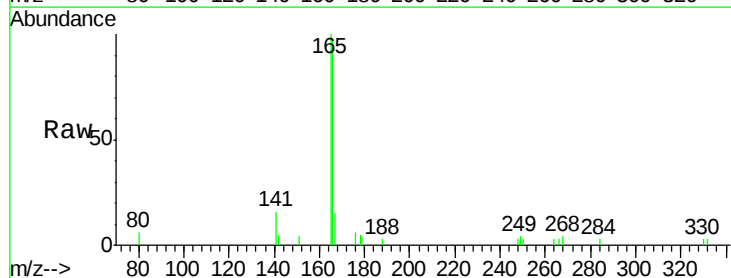
Tgt Ion:166 Resp: 2264

Ion Ratio Lower Upper

166 100

165 100.0 77.8 116.6

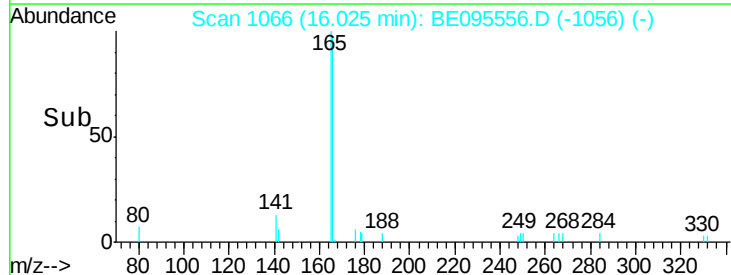
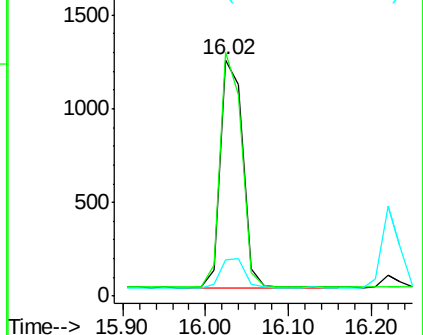
167 13.9 42.4 63.6#

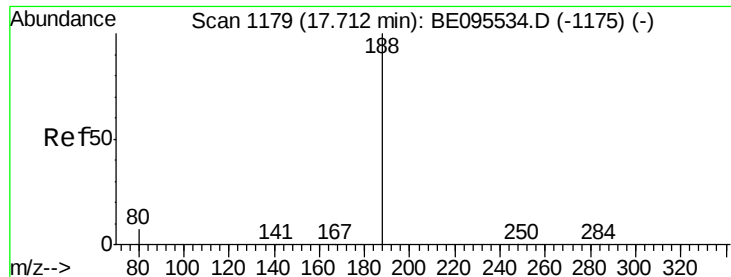


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE095556.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_E

ClientSampleId :

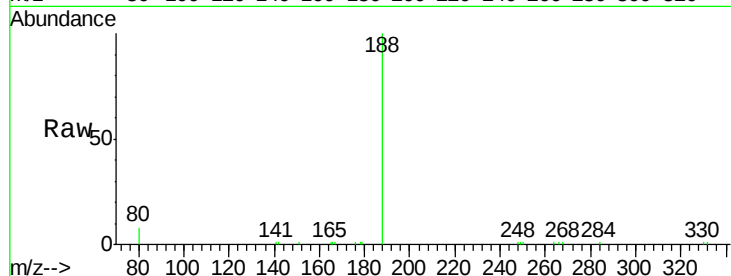
Tot Ion:188 Resp: 6324

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

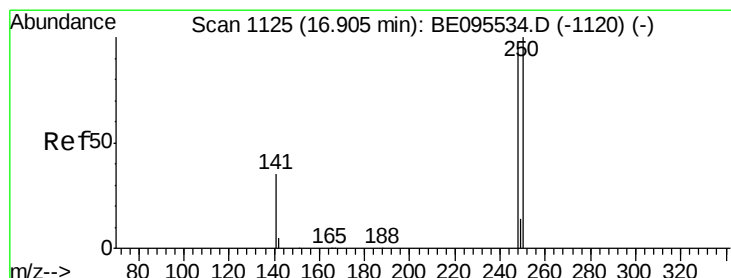
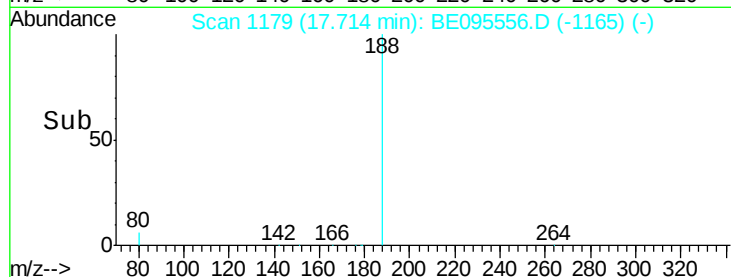
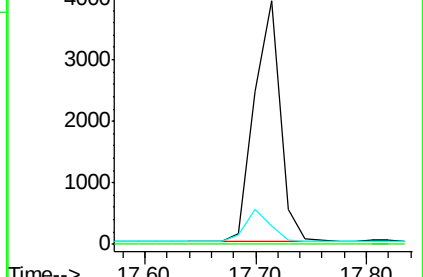
80 7.6 3.6 5.4#



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: 0.189 ng

RT: 16.91 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

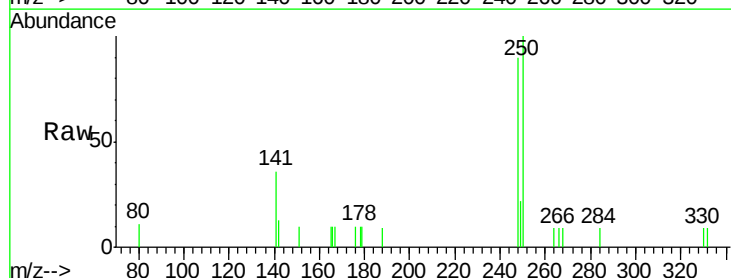
Tgt Ion:248 Resp: 720

Ion Ratio Lower Upper

248 100

250 110.6 62.7 94.1#

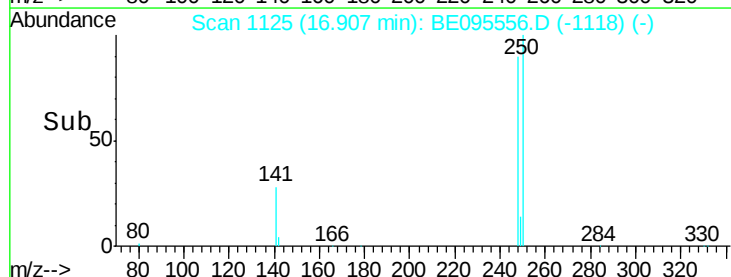
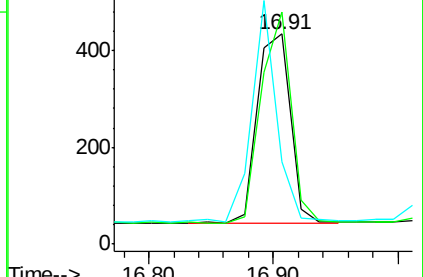
141 39.4 48.2 72.2#

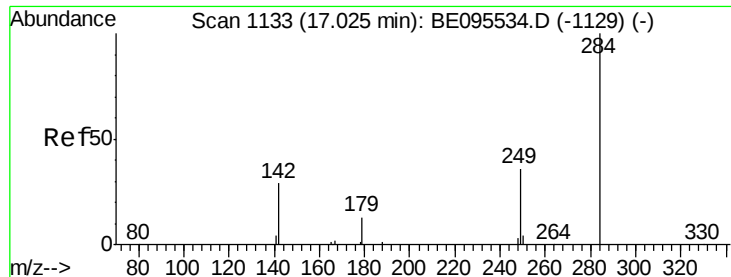


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.197 ng

RT: 17.03 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_E

ClientSampleId :

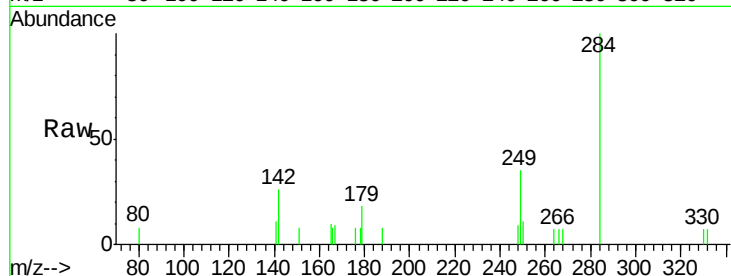
Tot Ion:284 Resp: 774

Ion Ratio Lower Upper

284 100

142 43.2 22.1 33.1#

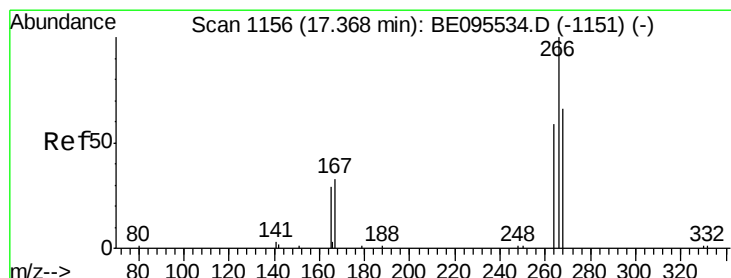
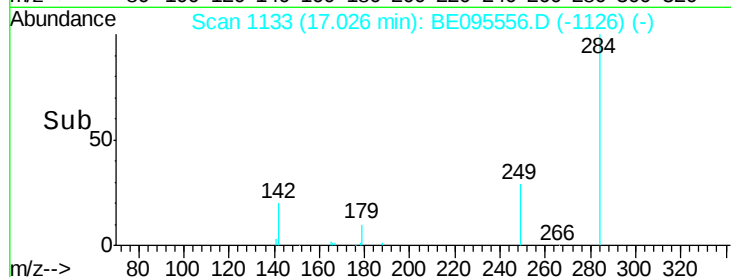
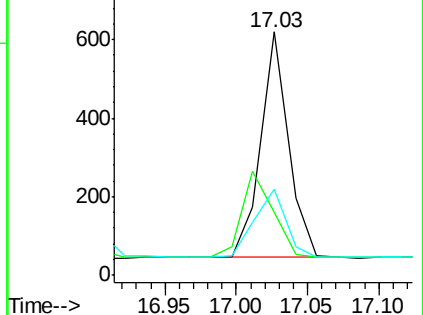
249 33.7 34.8 52.2#



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: 0.237 ng

RT: 17.37 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

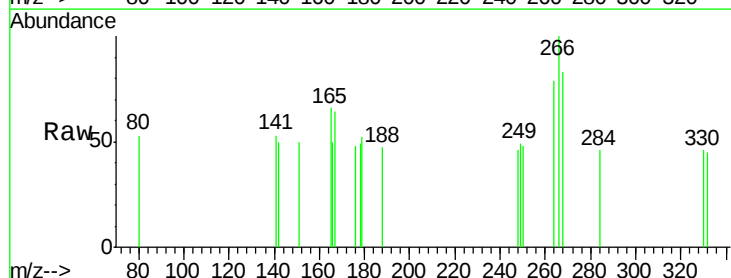
Tgt Ion:266 Resp: 122

Ion Ratio Lower Upper

266 100

264 79.2 72.5 108.7

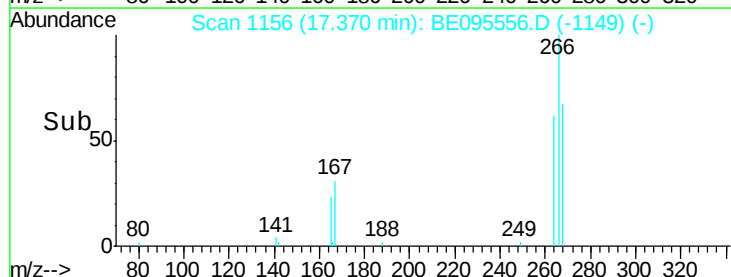
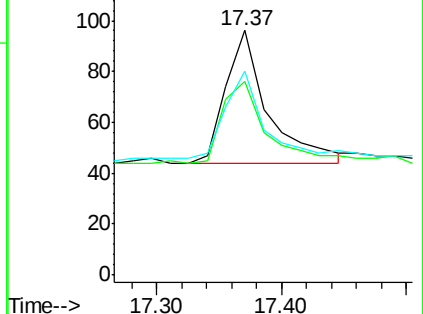
268 83.3 73.8 110.6

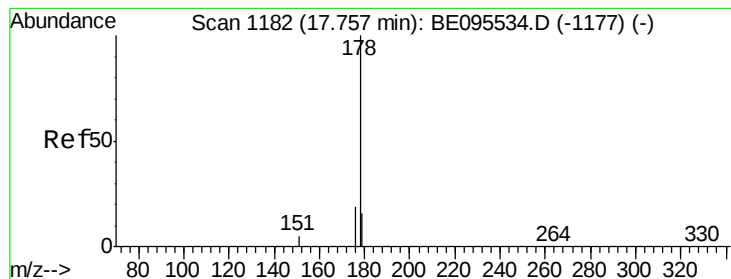


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.200 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_E

ClientSampleId :

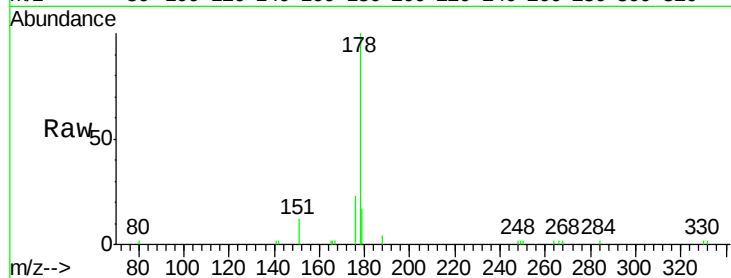
Tot Ion:178 Resp: 3880

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

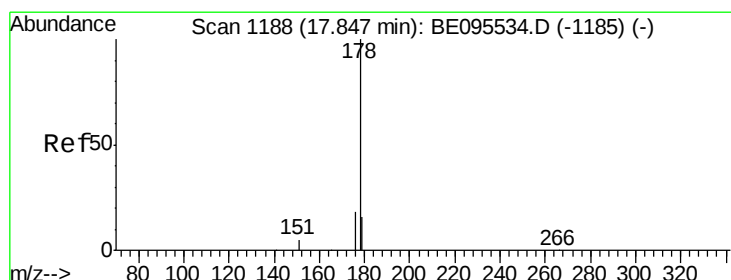
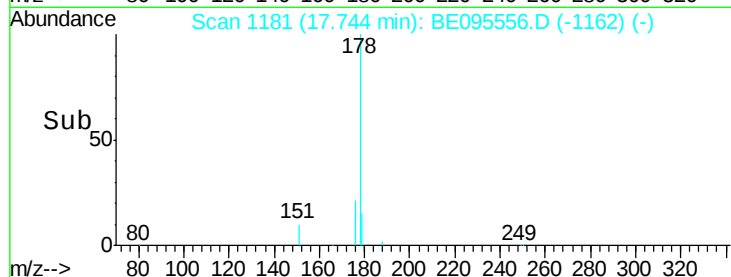
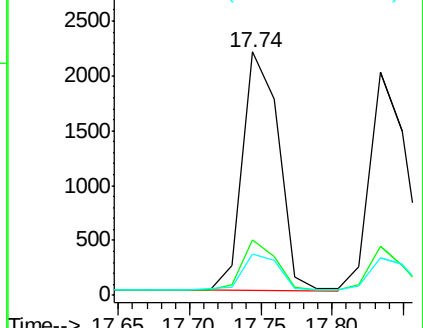
179 14.8 11.8 17.6



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: 0.189 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

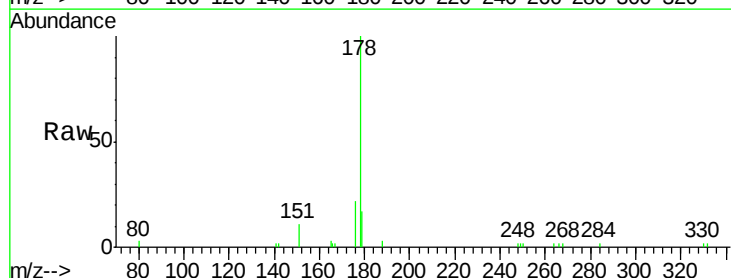
Tgt Ion:178 Resp: 3428

Ion Ratio Lower Upper

178 100

176 18.2 12.8 19.2

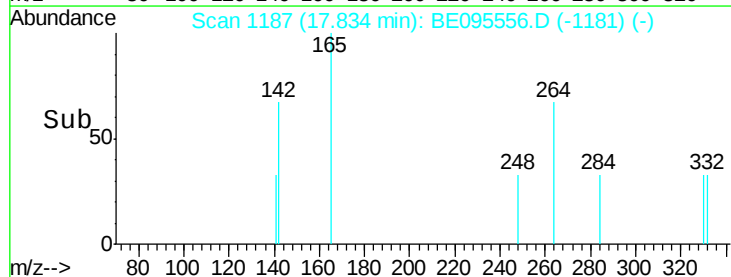
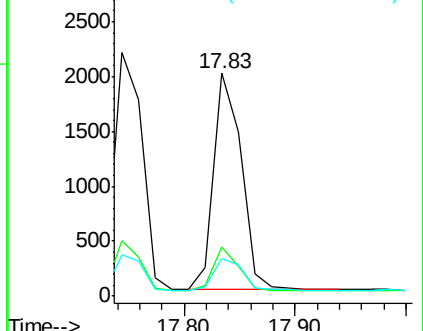
179 15.1 13.0 19.6

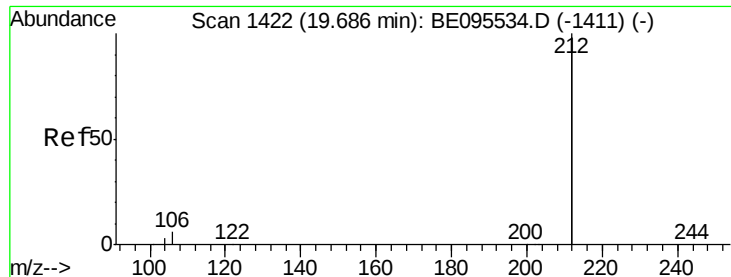


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.347 ng

RT: 19.69 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_E

ClientSampleId :

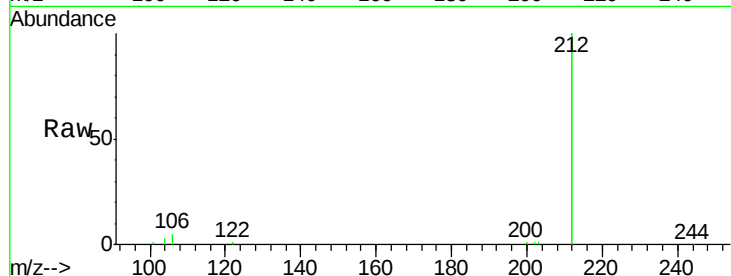
Tot Ion:212 Resp: 28909

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

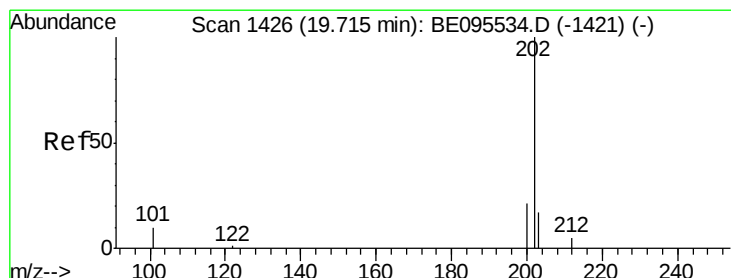
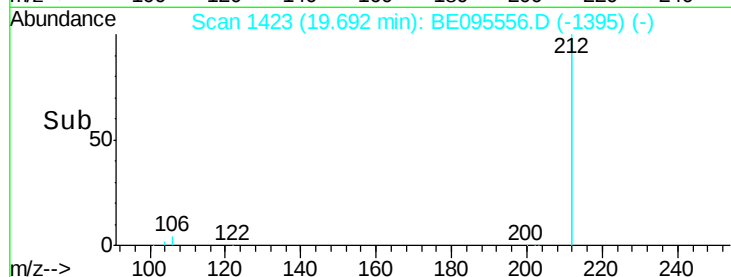
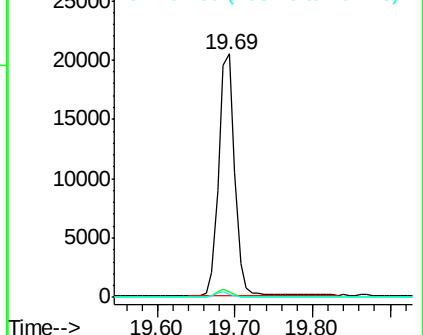
104 1.7 1.6 2.4



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: 0.192 ng

RT: 19.72 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

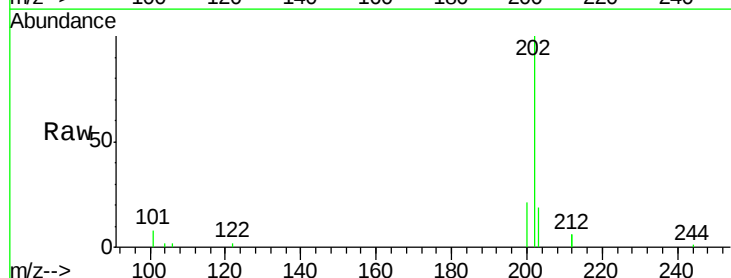
Tgt Ion:202 Resp: 4706

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.8

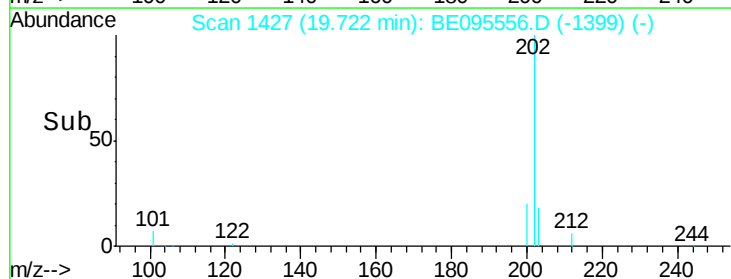
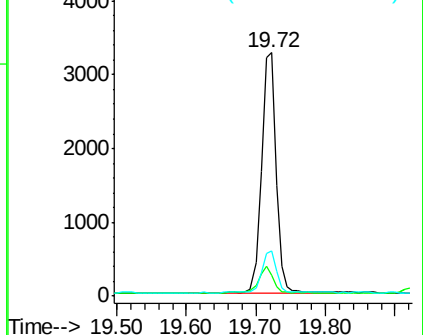
203 17.6 13.7 20.5



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: 21.81 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_E

ClientSampleId :

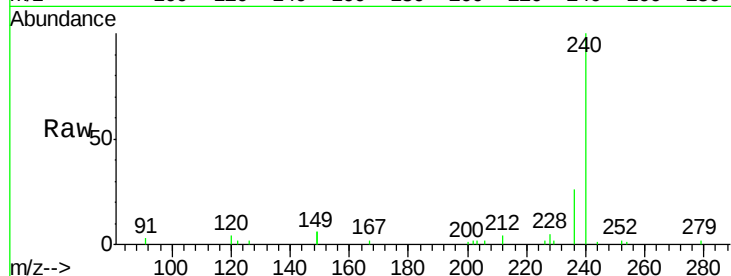
Tot Ion:240 Resp: 6575

Ion Ratio Lower Upper

240 100

120 3.8 5.5 8.3#

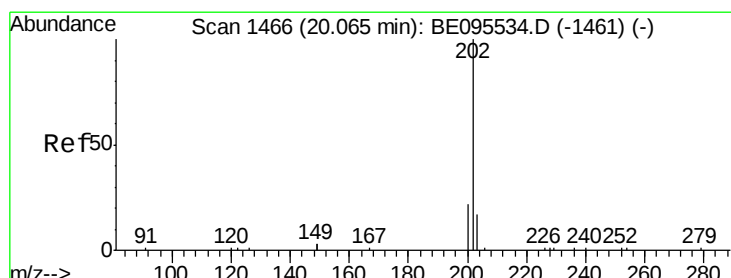
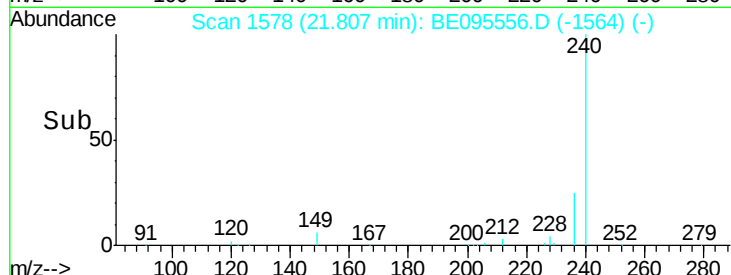
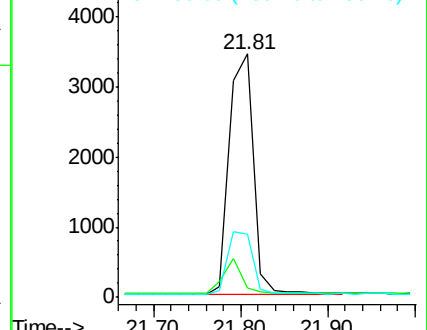
236 25.7 20.7 31.1



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: 0.200 ng

RT: 20.06 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

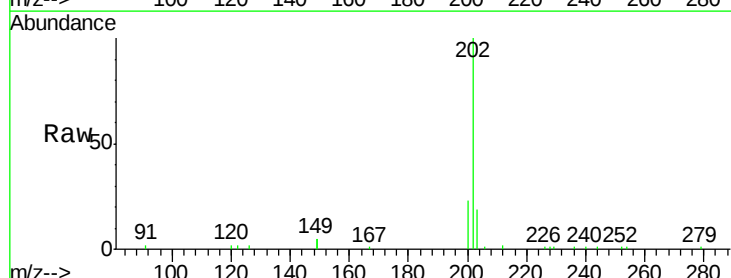
Tgt Ion:202 Resp: 5533

Ion Ratio Lower Upper

202 100

200 21.8 16.6 25.0

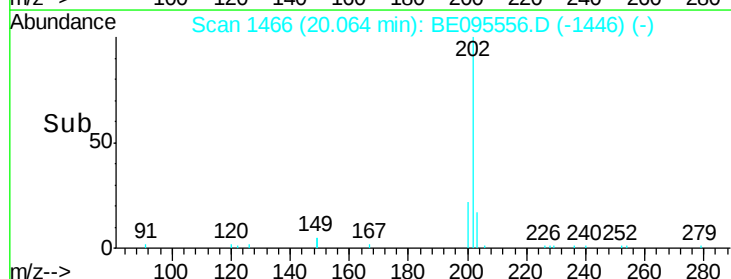
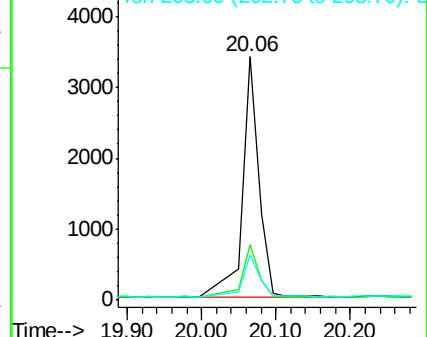
203 18.6 13.8 20.8



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: 0.344 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_E

ClientSampled :

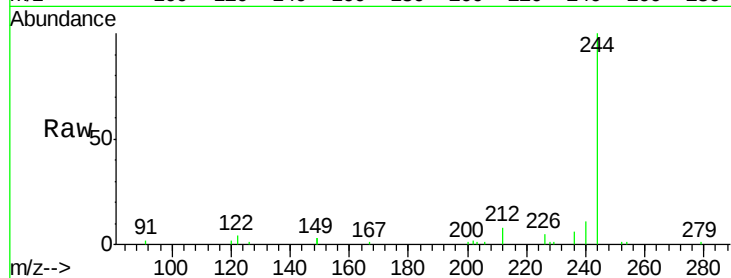
Tot Ion:244 Resp: 4817

Ion Ratio Lower Upper

244 100

212 7.7 25.4 38.0#

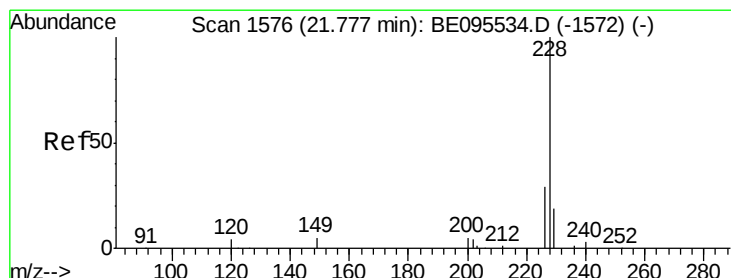
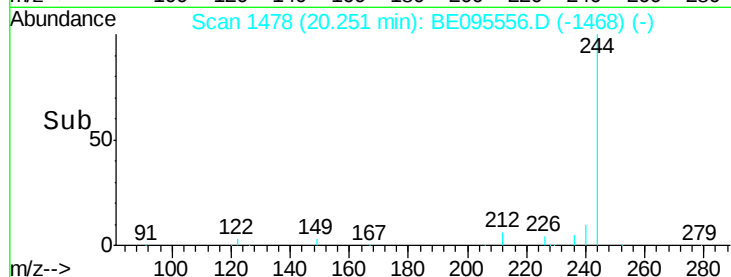
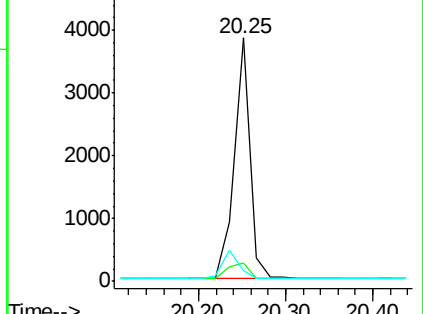
122 4.1 8.1 12.1#



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: 0.181 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

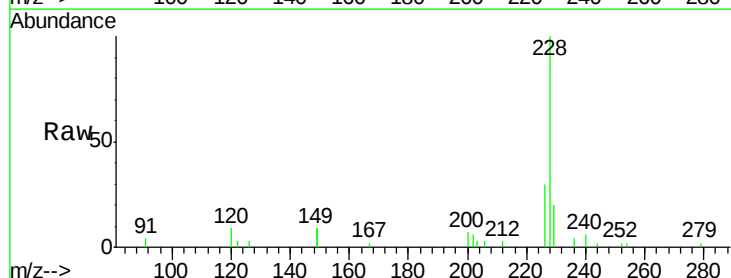
Tgt Ion:228 Resp: 3965

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

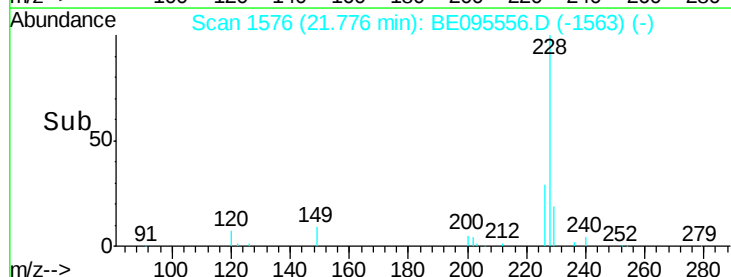
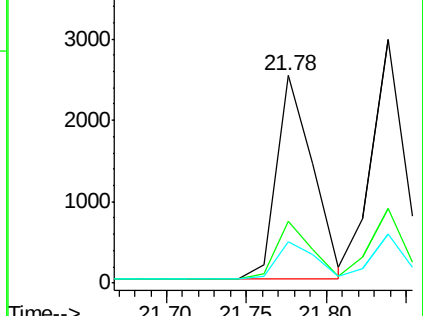
229 20.0 16.0 24.0

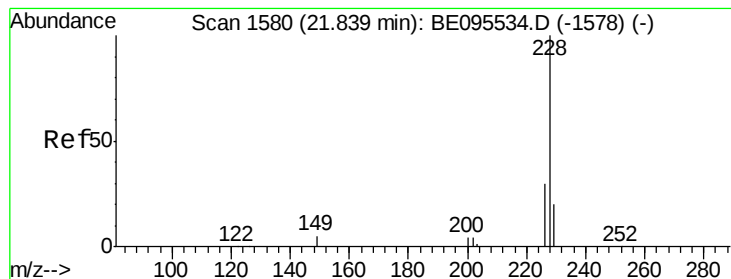


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.195 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_E

ClientSampleId :

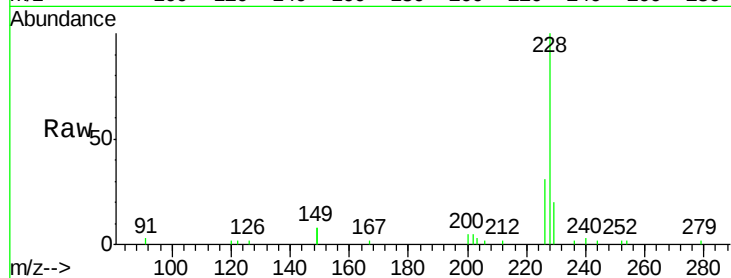
Tot Ion:228 Resp: 4221

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	20.0	16.0	24.0

228 100

226 30.9 24.0 36.0

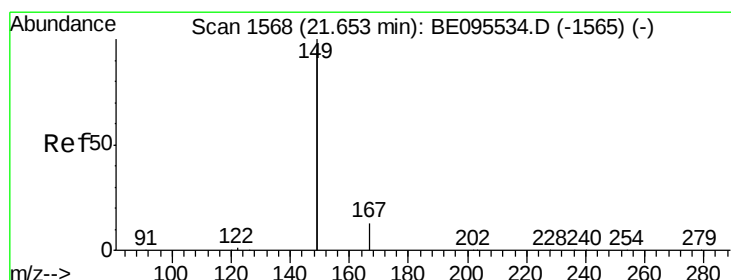
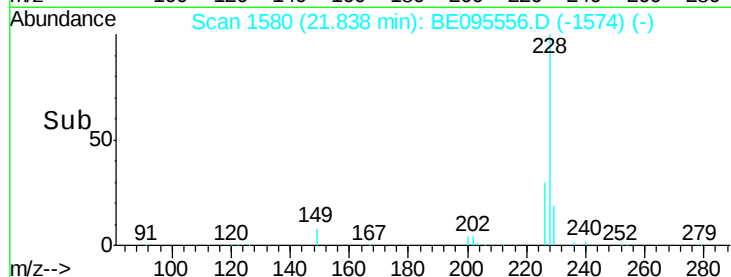
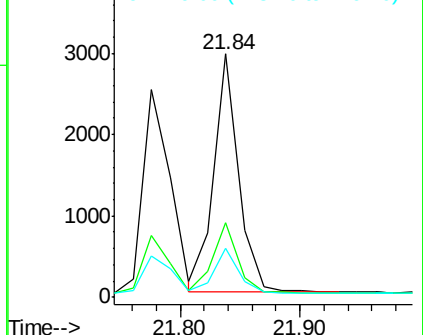
229 20.0 16.0 24.0



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: 0.152 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

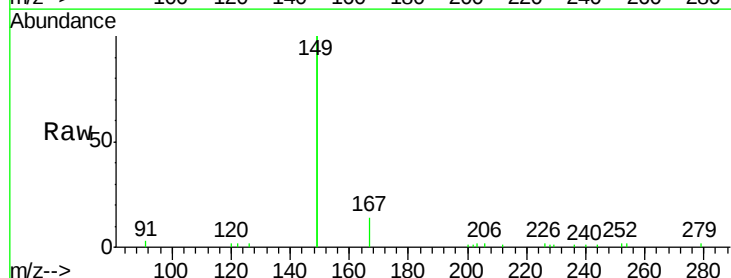
Tgt Ion:149 Resp: 7684

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	0.8	0.7	1.1

149 100

167 6.9 5.4 8.0

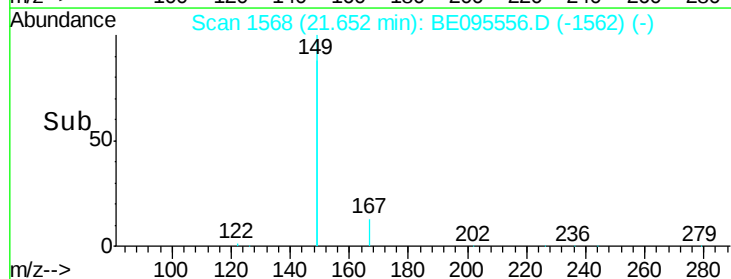
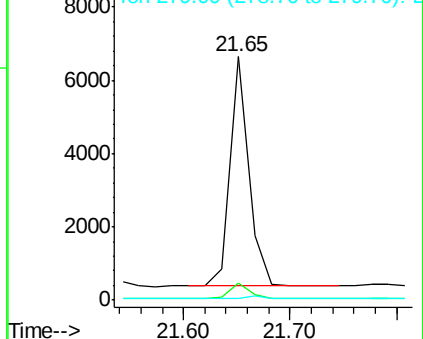
279 0.8 0.7 1.1

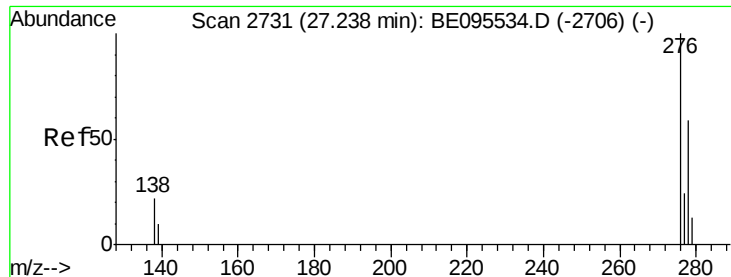


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

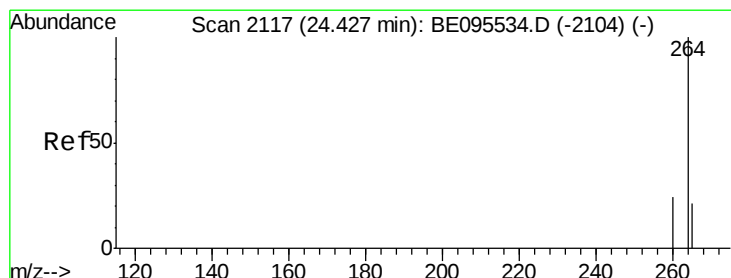
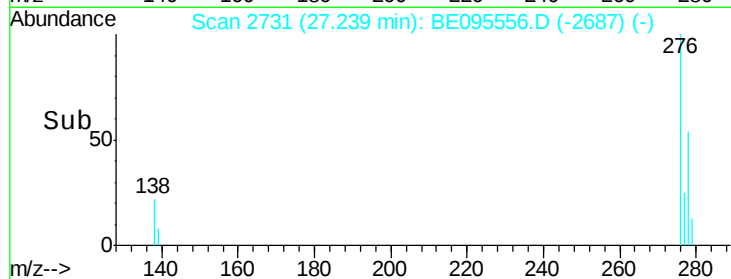
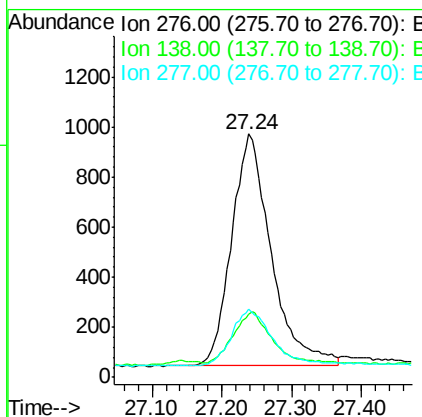
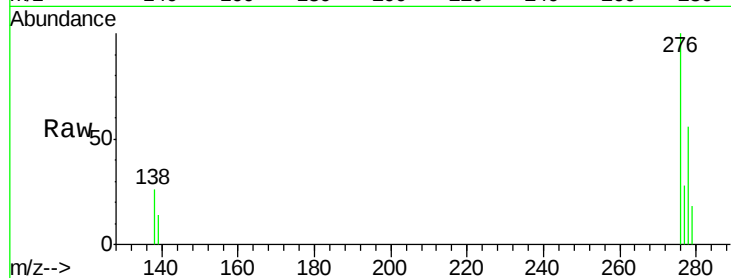




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.176 ng
RT: 27.24 min Scan# 2731
Delta R.T. 0.00 min
Lab File: BE095556.D
Acq: 7 Feb 2018 17:05

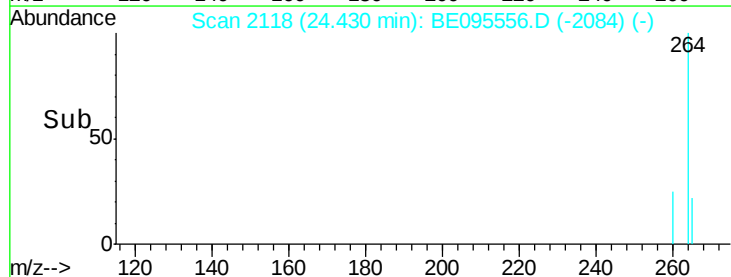
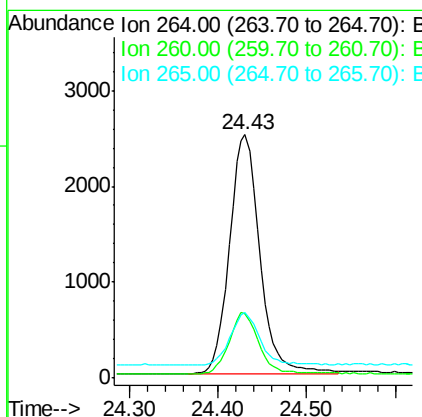
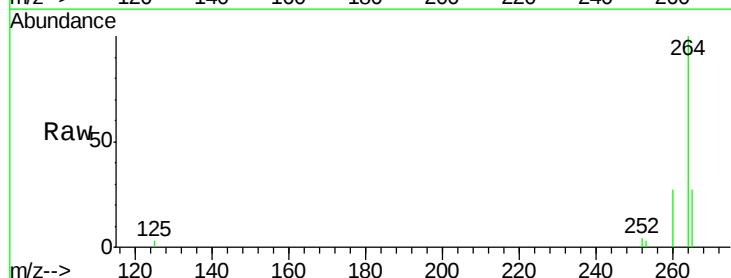
Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 3675
Ion Ratio Lower Upper
276 100
138 21.4 22.5 33.7#
277 25.1 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: BE095556.D
Acq: 7 Feb 2018 17:05

Tgt Ion:264 Resp: 5910
Ion Ratio Lower Upper
264 100
260 26.5 20.5 30.7
265 27.0 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.196 ng

RT: 23.62 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_E

ClientSampleId :

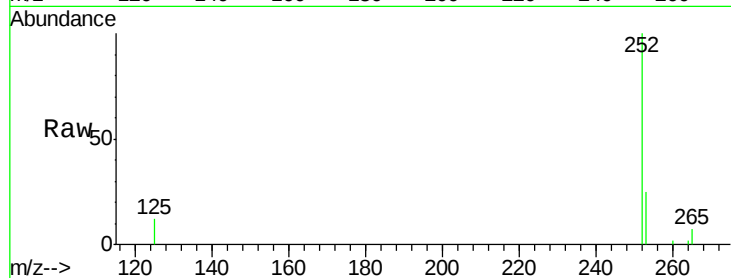
Tot Ion:252 Resp: 3949

Ion Ratio Lower Upper

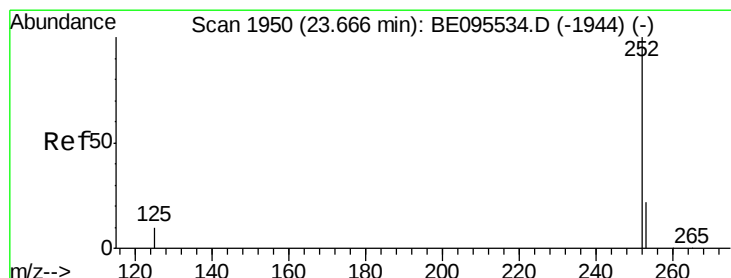
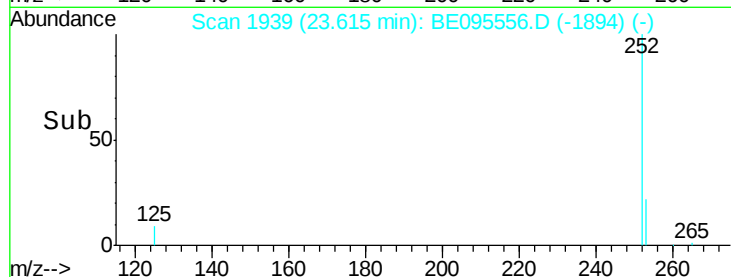
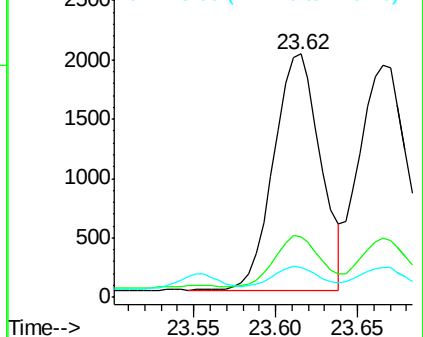
252 100

253 24.9 20.0 30.0

125 12.1 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: 0.192 ng

RT: 23.67 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

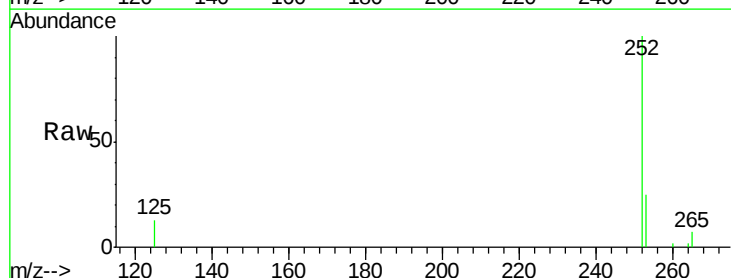
Tgt Ion:252 Resp: 3981

Ion Ratio Lower Upper

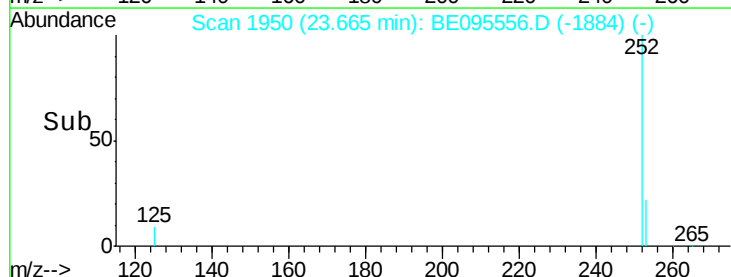
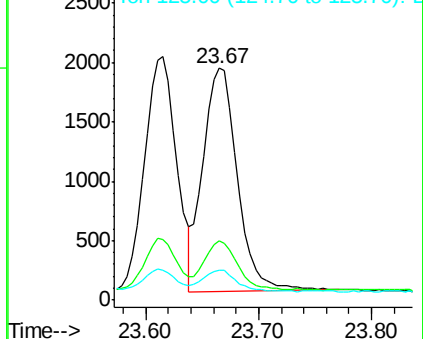
252 100

253 25.4 16.0 24.0#

125 12.7 8.0 12.0#



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





#37

Benzo(a)pyrene

Concen: 0.189 ng

RT: 24.31 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_E

ClientSampleId :

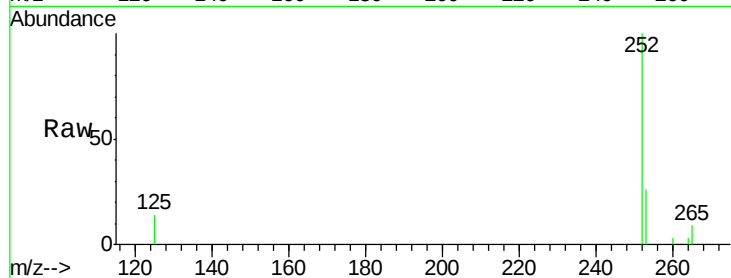
Tot Ion:252 Resp: 3551

Ion Ratio Lower Upper

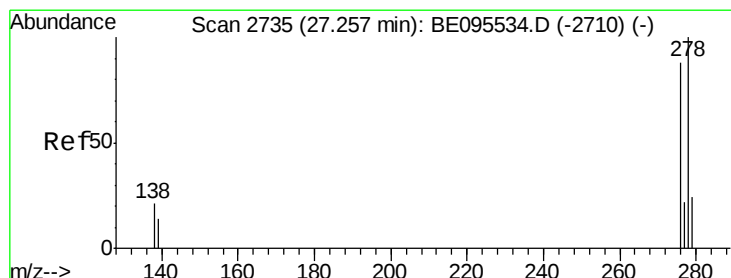
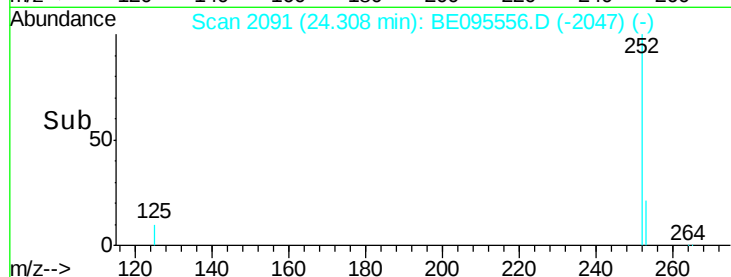
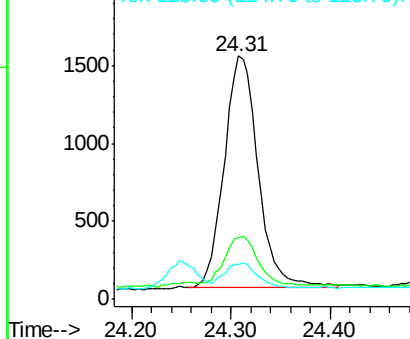
252 100

253 25.7 16.0 24.0#

125 14.5 12.0 18.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.175 ng

RT: 27.25 min Scan# 2734

Delta R.T. -0.00 min

Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

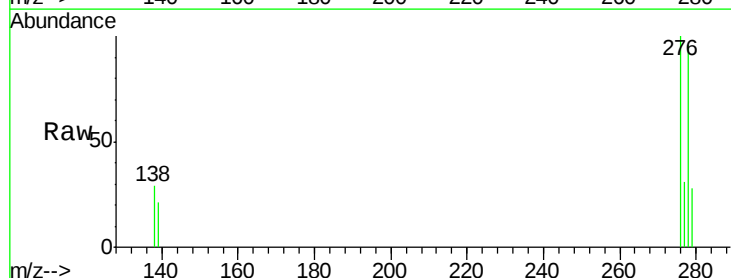
Tgt Ion:278 Resp: 2876

Ion Ratio Lower Upper

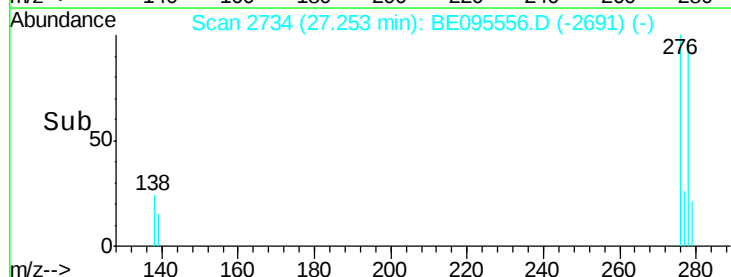
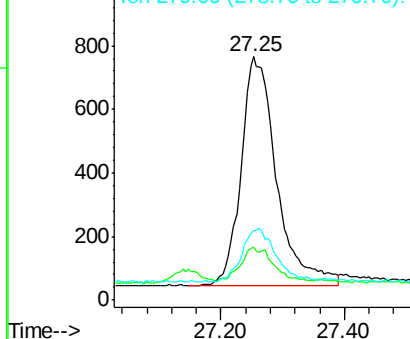
278 100

139 21.7 16.0 24.0

279 28.7 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: 0.186 ng

RT: 28.11 min Scan# 2923

Delta R.T. 0.01 min

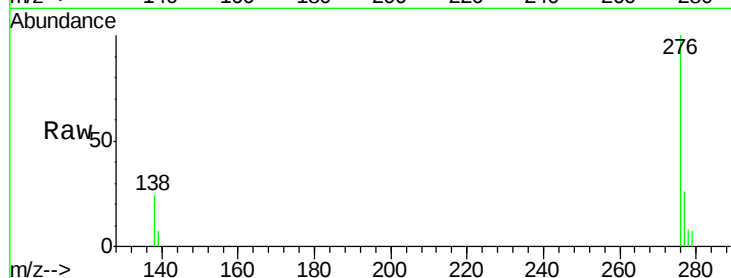
Lab File: BE095556.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_E

ClientSampleId :



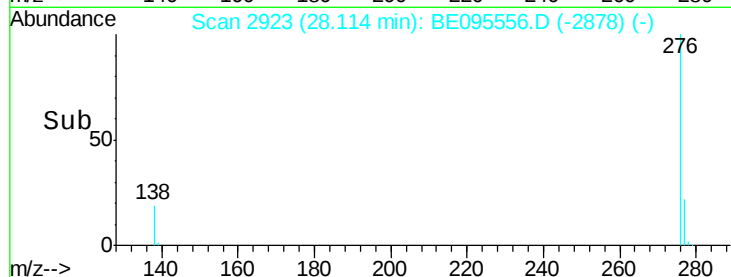
Tot Ion: 276 Resp: 3271

Ion Ratio Lower Upper

276 100

277 26.2 16.0 24.0#

138 24.0 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

