

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
 Data File : BE096585.D
 Acq On : 15 May 2018 19:27
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 16 05:36:41 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 15 13:02:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	634	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2627	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1577	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3431	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3234	0.40	ng	0.00
34) Perylene-d12	24.33	264	3103	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.85	112	724	0.41	ng	0.00
5) Phenol-d6	7.50	99	1046	0.42	ng	0.00
8) Nitrobenzene-d5	9.44	82	113	0.04	ng	-0.09
11) 2-Methylnaphthalene-d10	12.72	152	1785	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	259	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2759	0.41	ng	0.00
25) Fluoranthene-d10	19.62	212	17339	0.41	ng	0.00
29) Terphenyl-d14	20.18	244	3200	0.44	ng	0.00

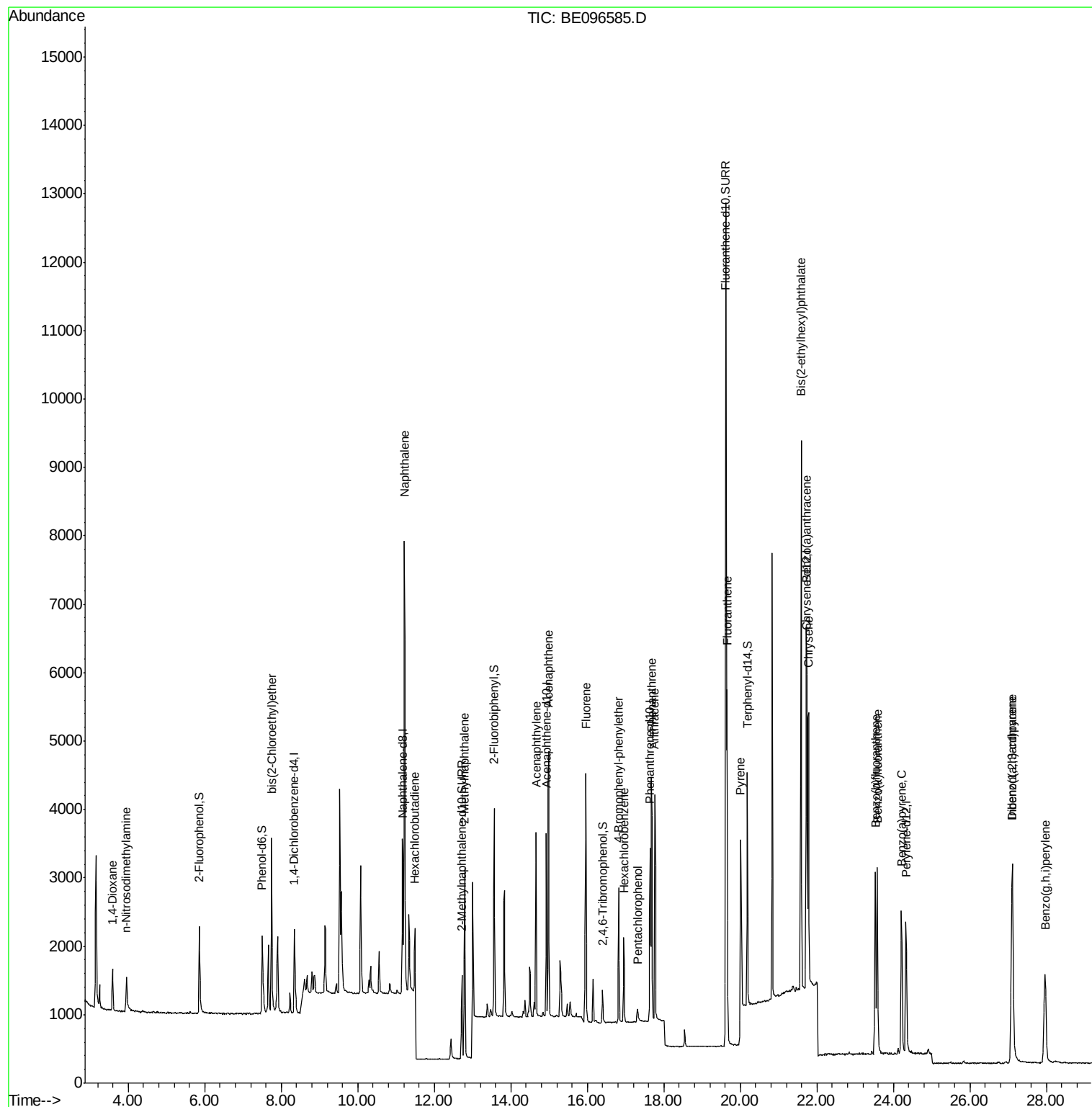
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	381	0.401	ng	93
3) n-Nitrosodimethylamine	3.95	42	493	0.415	ng	# 77
6) bis(2-Chloroethyl)ether	7.75	93	975	0.421	ng	93
9) Naphthalene	11.22	128	11424	0.413	ng	99
10) Hexachlorobutadiene	11.49	225	530	0.343	ng	# 81
12) 2-Methylnaphthalene	12.79	142	1944	0.410	ng	92
16) Acenaphthylene	14.66	152	3279	0.398	ng	99
17) Acenaphthene	14.99	154	2046	0.408	ng	94
18) Fluorene	15.96	166	3140	0.503	ng	# 77
20) 4-Bromophenyl-phenylether	16.82	248	885	0.425	ng	# 77
21) Hexachlorobenzene	16.95	284	878	0.405	ng	# 80
22) Pentachlorophenol	17.31	266	169	0.424	ng	86
23) Phenanthrene	17.67	178	3984	0.414	ng	98
24) Anthracene	17.77	178	3596	0.401	ng	# 95
26) Fluoranthene	19.65	202	4743	0.412	ng	# 97
28) Pyrene	20.00	202	2100	0.360	ng	95
30) Benzo(a)anthracene	21.72	228	4159	0.418	ng	97
31) Chrysene	21.78	228	4311	0.416	ng	98
32) Bis(2-ethylhexyl)phthalate	21.58	149	8648	0.406	ng	100
33) Indeno(1,2,3-cd)pyrene	27.10	276	4242	0.428	ng	# 93
35) Benzo(b)fluoranthene	23.53	252	3890	0.406	ng	# 90
36) Benzo(k)fluoranthene	23.58	252	4058	0.400	ng	# 91
37) Benzo(a)pyrene	24.21	252	3712	0.406	ng	# 91
38) Dibenzo(a,h)anthracene	27.11	278	3424	0.409	ng	97
39) Benzo(g,h,i)perylene	27.96	276	3600	0.411	ng	# 90

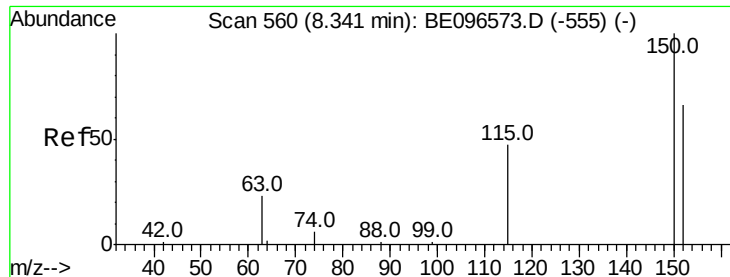
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 15 13:02:03 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.35 min Scan# 561

Delta R.T. 0.01 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :

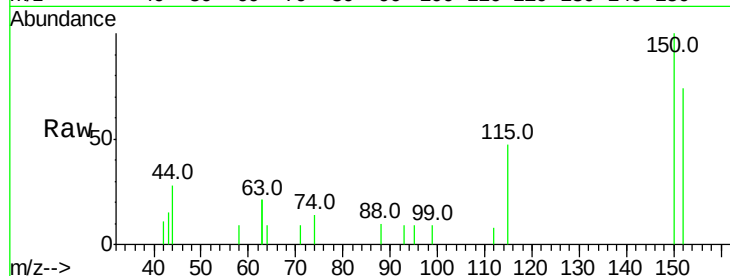
Tot Ion:152 Resp: 634

Ion Ratio Lower Upper

152 100

150 134.6 117.2 175.8

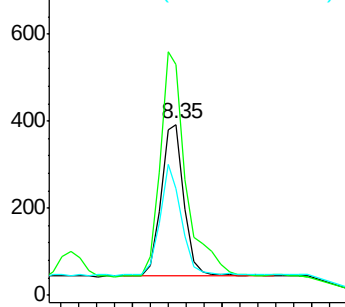
115 62.6 57.0 85.6



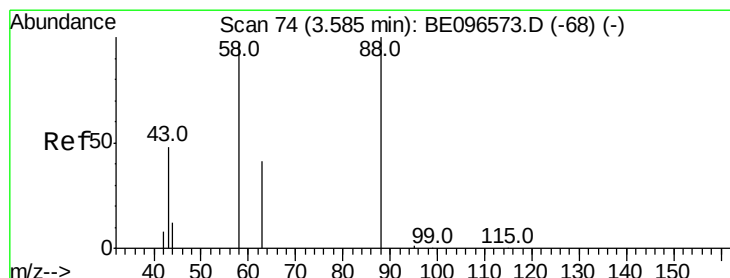
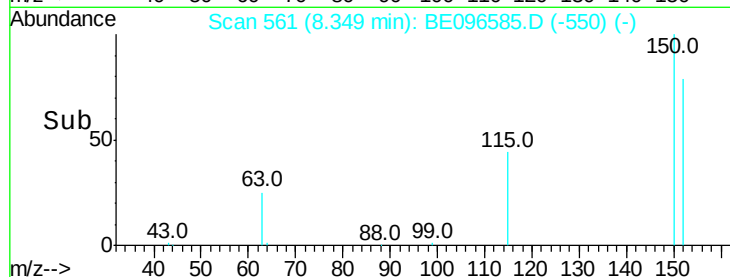
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 0.401 ng

RT: 3.58 min Scan# 74

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

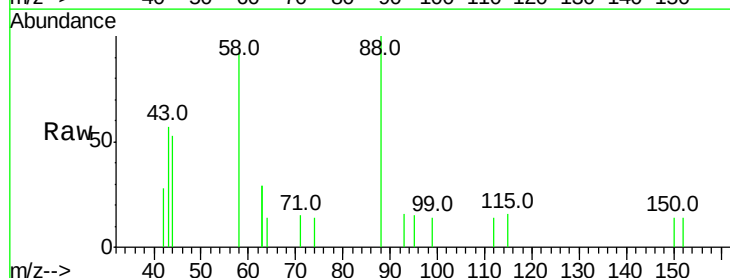
Tgt Ion: 88 Resp: 381

Ion Ratio Lower Upper

88 100

58 86.6 63.2 94.8

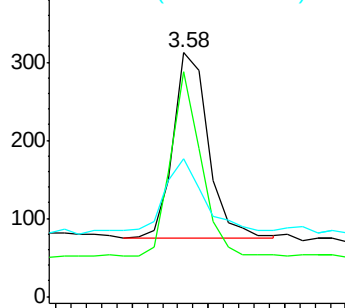
43 48.8 41.2 61.8



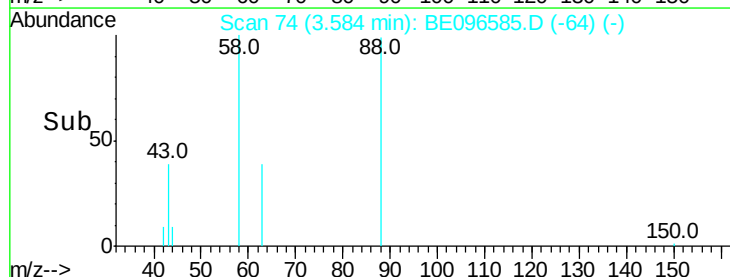
Abundance Ion 88.00 (87.70 to 88.70): BE0

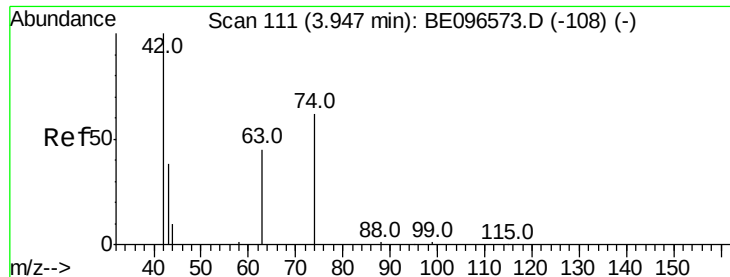
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->



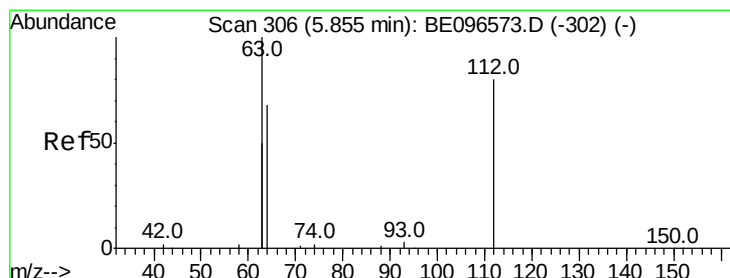
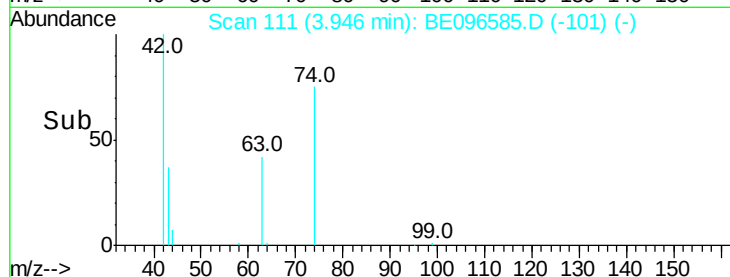
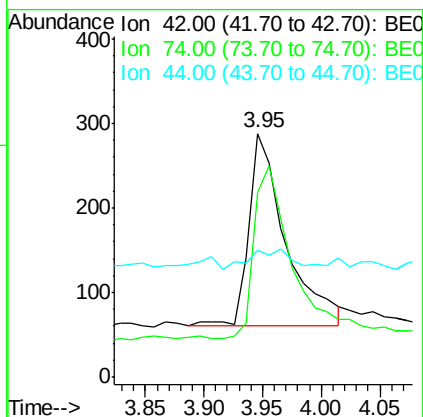
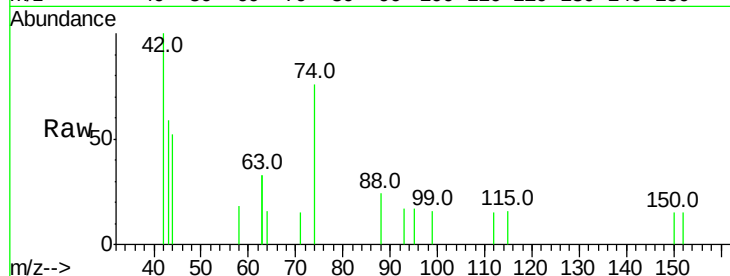


#3

n-Nitrosodimethylamine
 Concen: 0.415 ng
 RT: 3.95 min Scan# 111
 Delta R.T. -0.00 min
 Lab File: BE096585.D
 Acq: 15 May 2018 19:27

Instrument :
 BNA_E
 ClientSampleId :

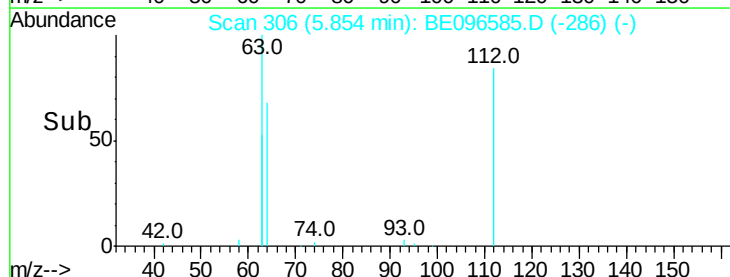
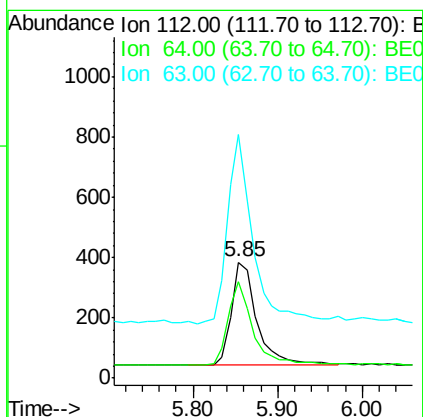
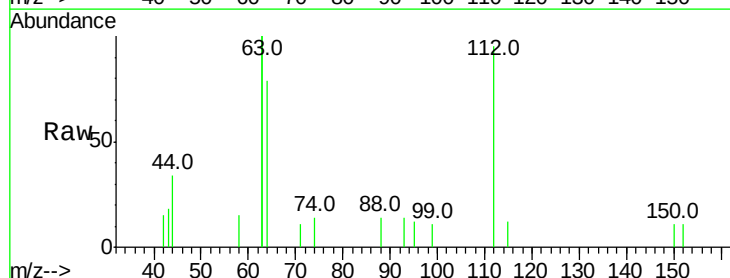
Tot Ion	Ratio	Lower	Upper
42	100		
74	92.3	96.0	144.0#
44	12.0	12.0	18.0#

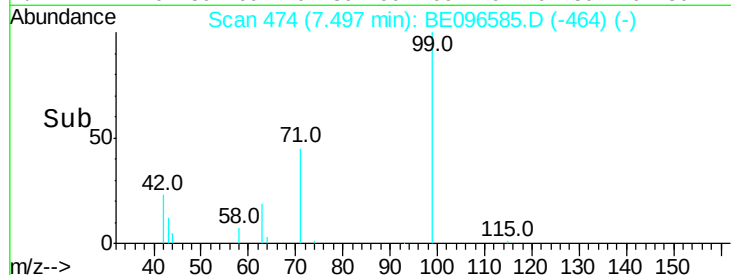
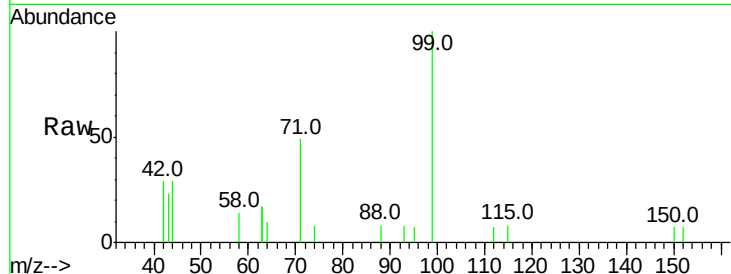
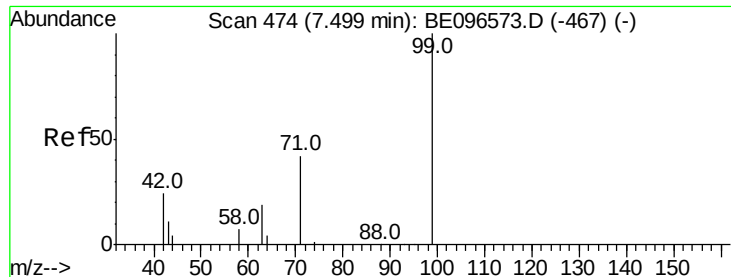


#4

2-Fluorophenol
 Concen: 0.414 ng
 RT: 5.85 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: BE096585.D
 Acq: 15 May 2018 19:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.6	60.1	90.1
63	180.1	116.8	175.2#





#5

Phenol-d6

Concen: 0.423 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :

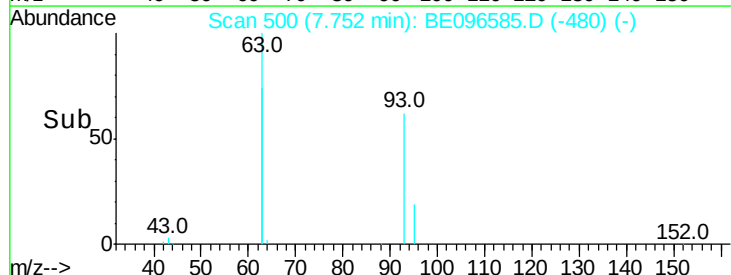
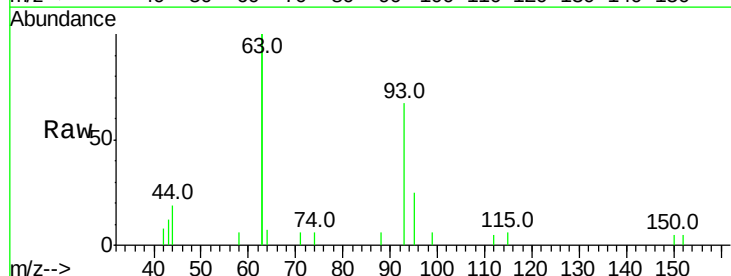
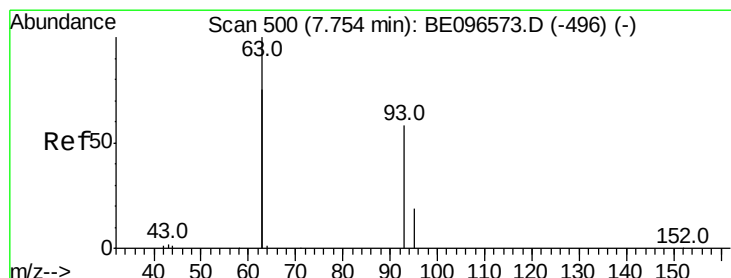
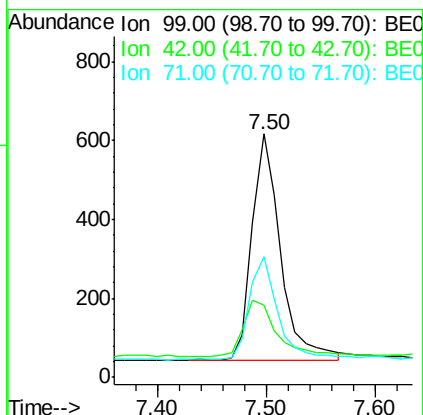
Tot Ion: 99 Resp: 1046

Ion Ratio Lower Upper

99 100

42 28.8 20.2 30.2

71 45.2 28.4 42.6#



#6

bis(2-Chloroethyl)ether

Concen: 0.421 ng

RT: 7.75 min Scan# 500

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

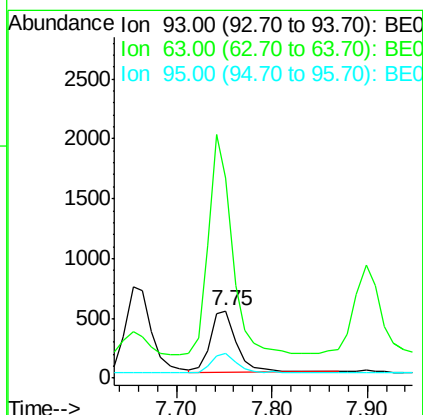
Tgt Ion: 93 Resp: 975

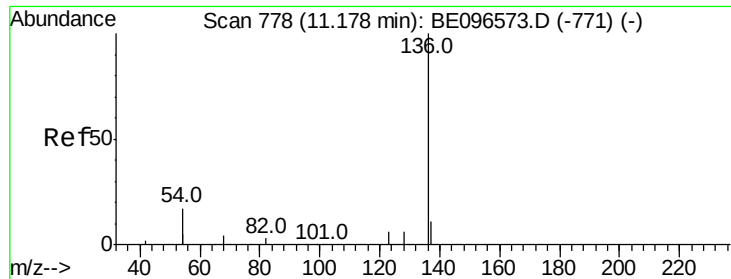
Ion Ratio Lower Upper

93 100

63 327.3 275.3 412.9

95 30.3 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.18 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2627

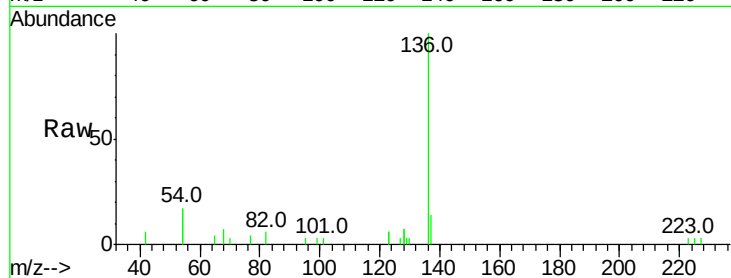
Ion Ratio Lower Upper

136 100

137 13.8 9.5 14.3

54 34.2 29.1 43.7

68 6.7 6.2 9.2

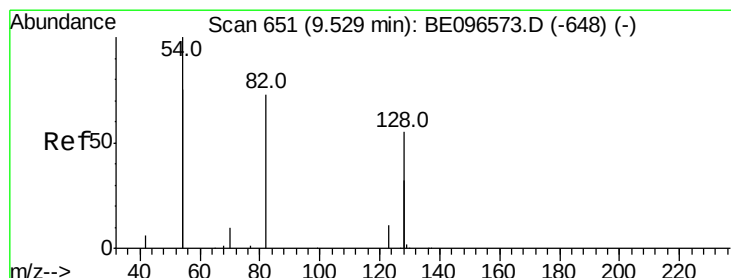
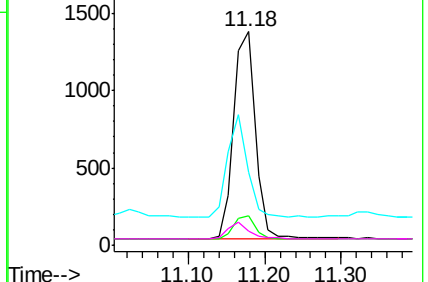
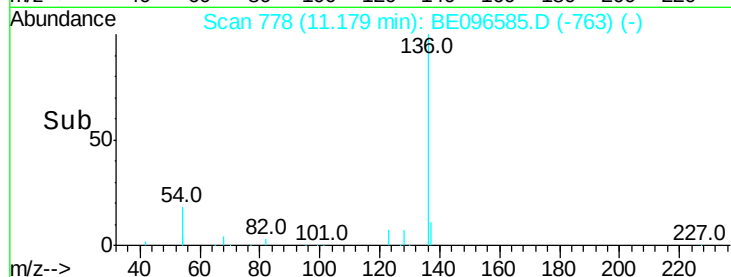


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.040 ng

RT: 9.44 min Scan# 644

Delta R.T. -0.09 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

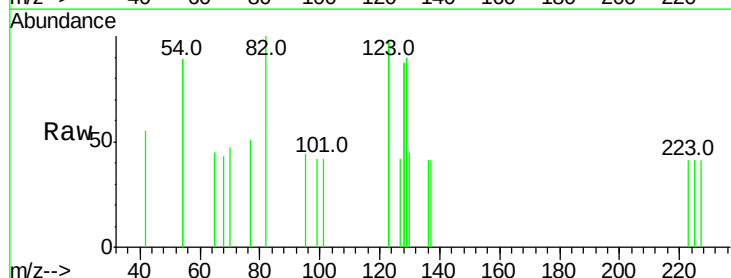
Tgt Ion: 82 Resp: 113

Ion Ratio Lower Upper

82 100

128 173.1 150.0 225.0

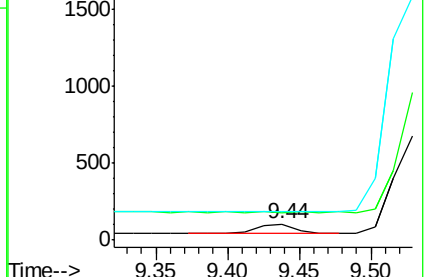
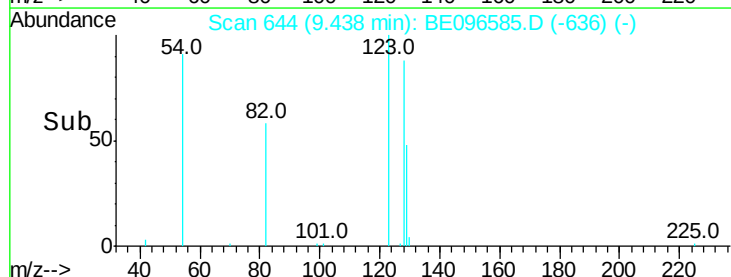
54 178.8 154.2 231.4

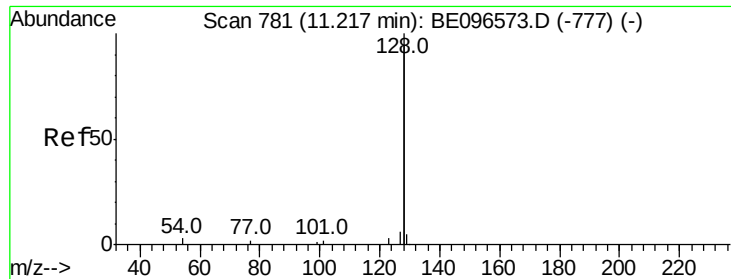


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.413 ng

RT: 11.22 min Scan# 781

Delta R.T. 0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :

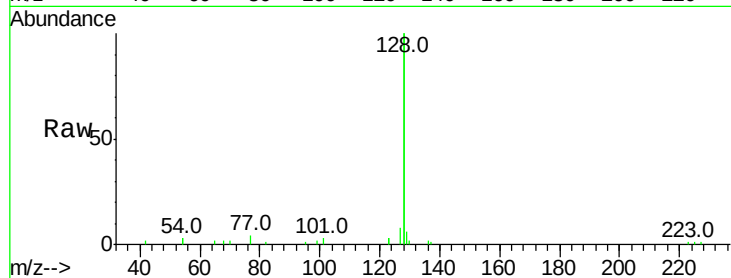
Tot Ion:128 Resp: 11424

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

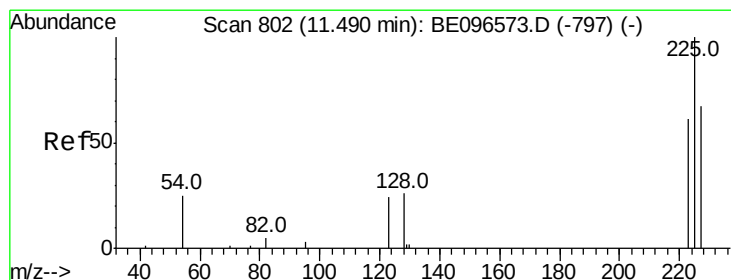
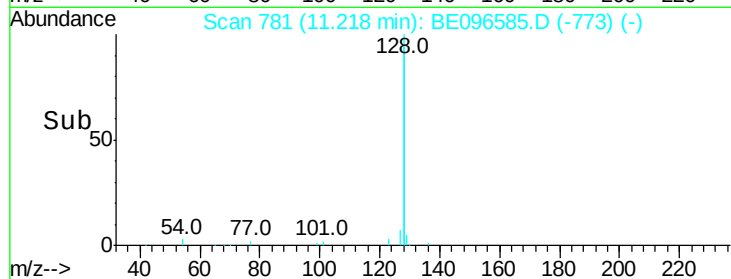
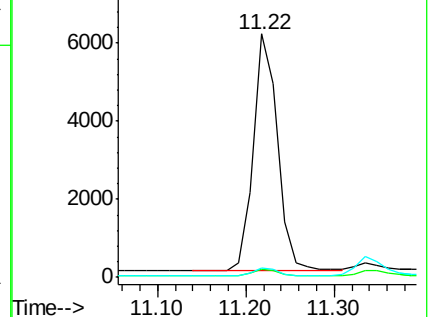
127 4.0 2.8 4.2



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: 0.343 ng

RT: 11.49 min Scan# 802

Delta R.T. 0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

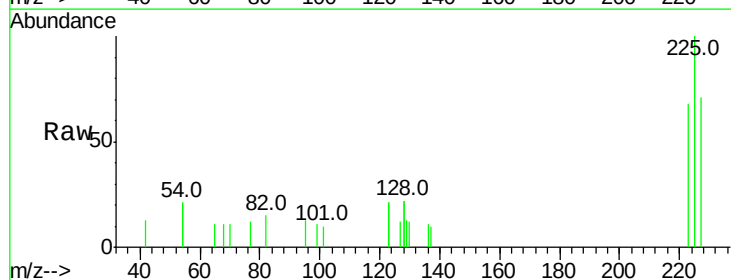
Tgt Ion:225 Resp: 530

Ion Ratio Lower Upper

225 100

223 80.0 53.0 79.6#

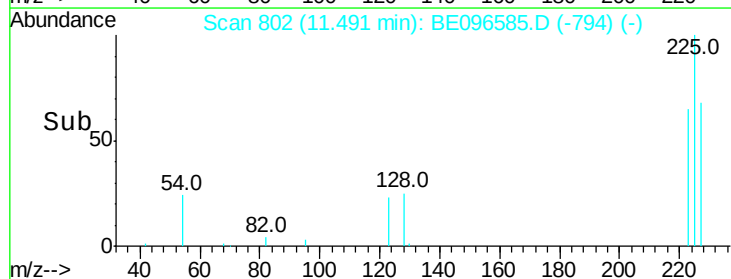
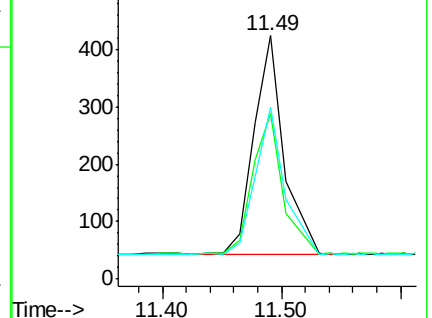
227 80.0 51.4 77.2#

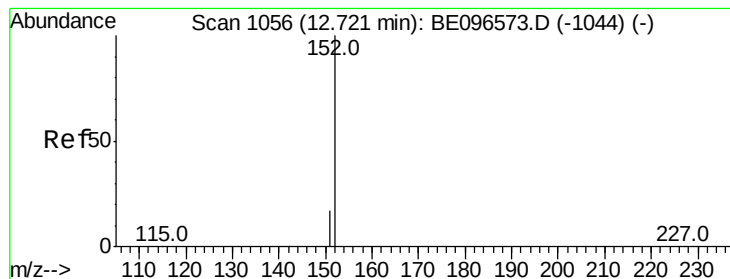


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.416 ng

RT: 12.72 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

Instrument :

BNA_E

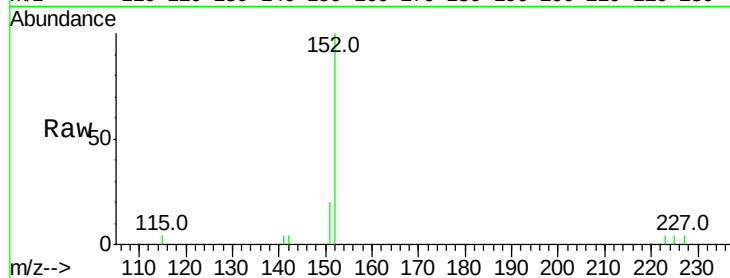
ClientSampleId :

Tot Ion:152 Resp: 1785

Ion Ratio Lower Upper

152 100

151 19.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1200

1000

800

600

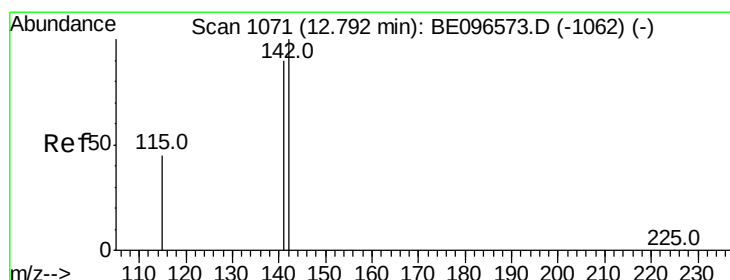
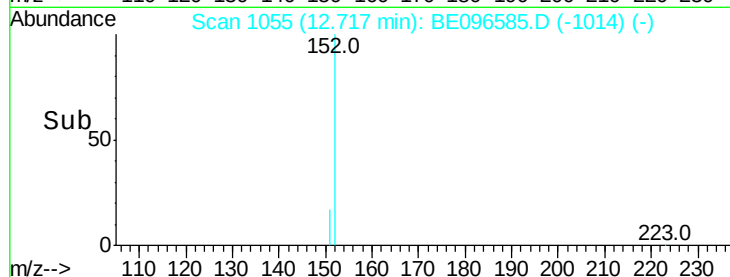
400

200

0

12.60 12.70 12.80

Time-->



#12

2-Methylnaphthalene

Concen: 0.410 ng

RT: 12.79 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

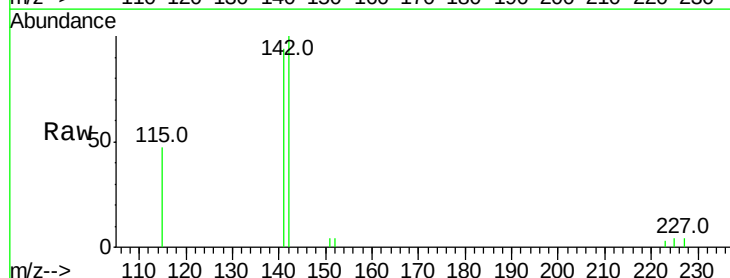
Tgt Ion:142 Resp: 1944

Ion Ratio Lower Upper

142 100

141 93.6 70.4 105.6

115 46.7 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

1500

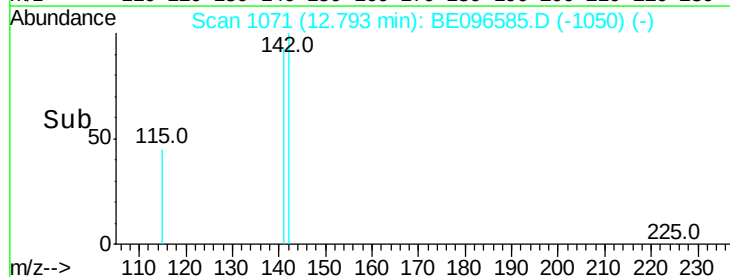
1000

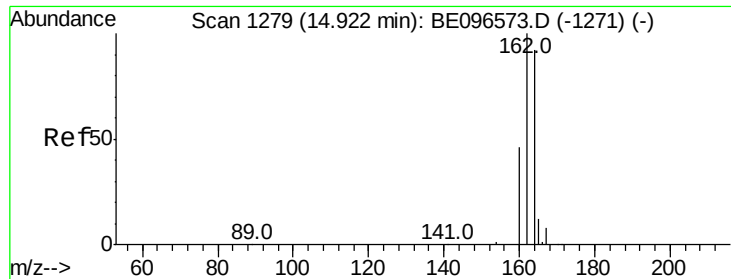
500

0

12.70 12.80 12.90

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.92 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

Instrument :

BNA_E

ClientSampled :

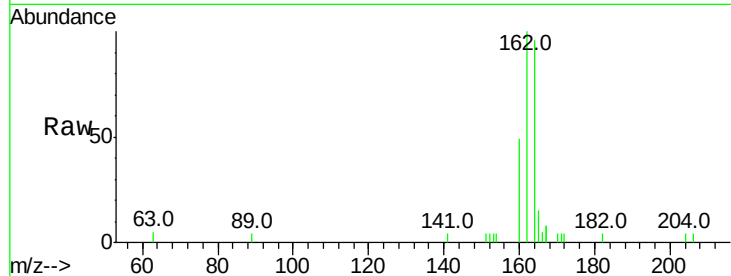
Tot Ion:164 Resp: 1577

Ion Ratio Lower Upper

164 100

162 104.7 83.1 124.7

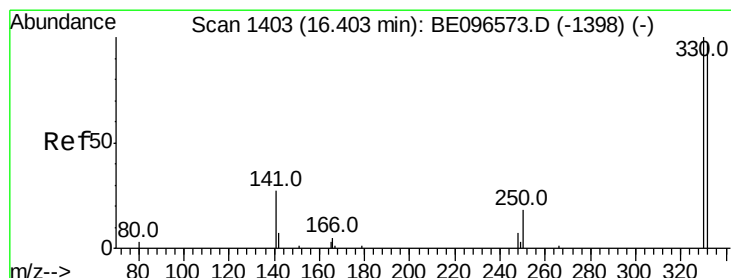
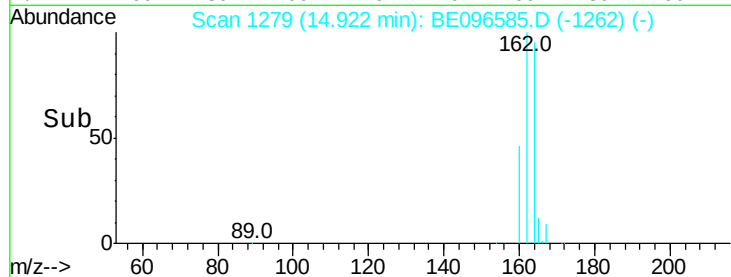
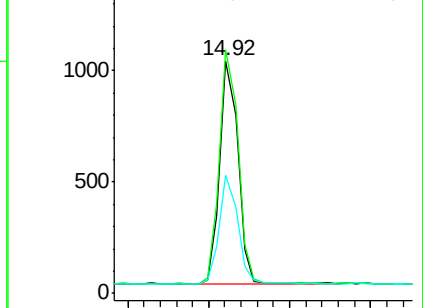
160 50.8 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.415 ng

RT: 16.40 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

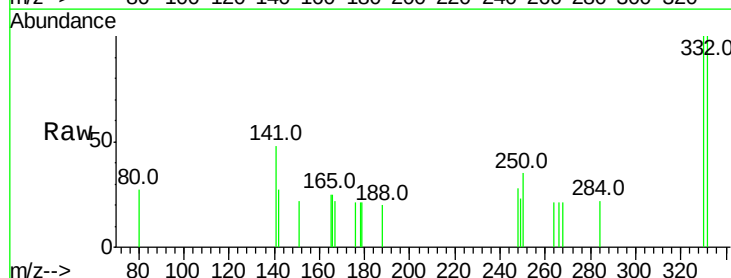
Tgt Ion:330 Resp: 259

Ion Ratio Lower Upper

330 100

332 100.8 152.7 229.1#

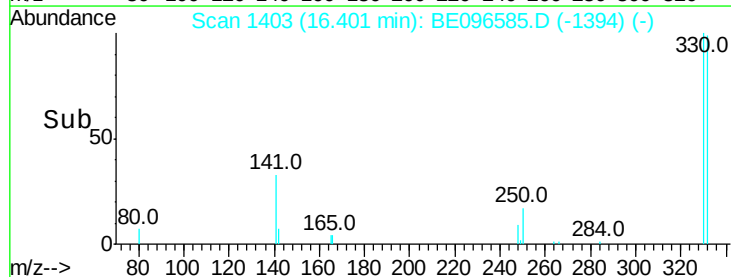
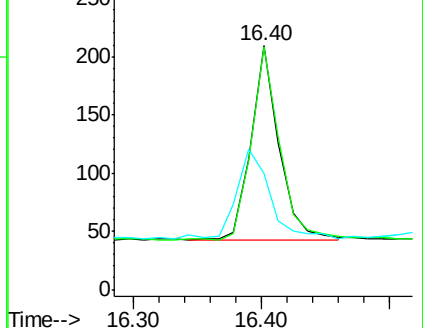
141 52.9 33.7 50.5#

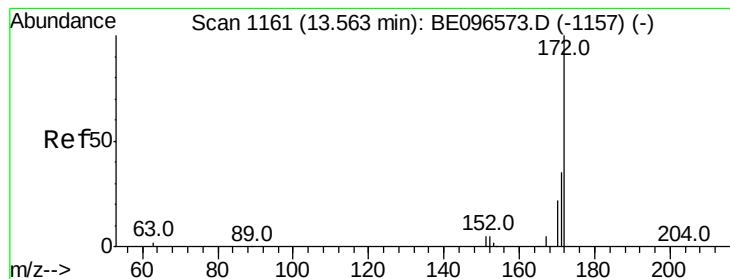


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.408 ng

RT: 13.56 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

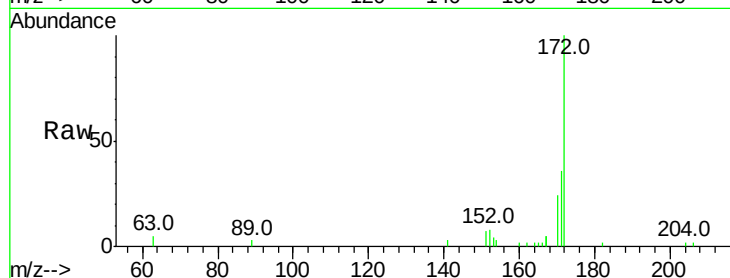
Instrument :

BNA_E

ClientSampleId :

Tot Ion:172 Resp: 2759

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	23.5	21.8	32.8

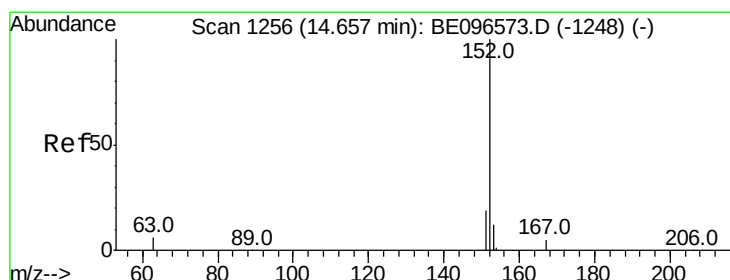
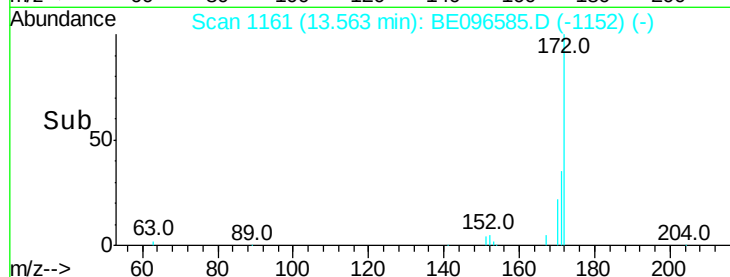
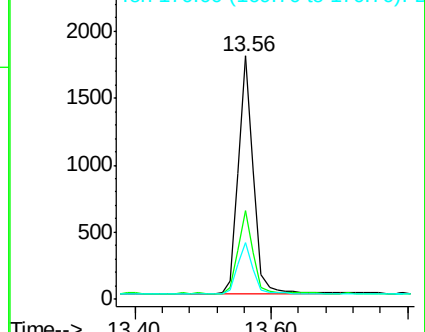


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.398 ng

RT: 14.66 min Scan# 1256

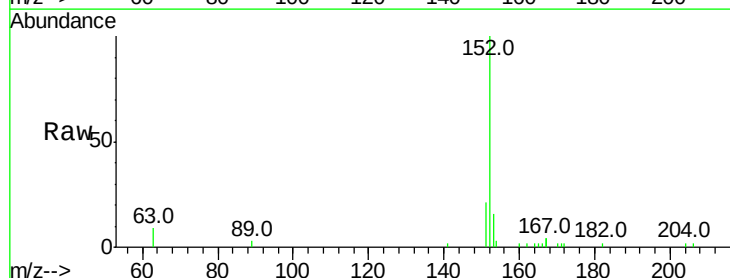
Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

Tgt Ion:152 Resp: 3279

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.4	10.5	15.7

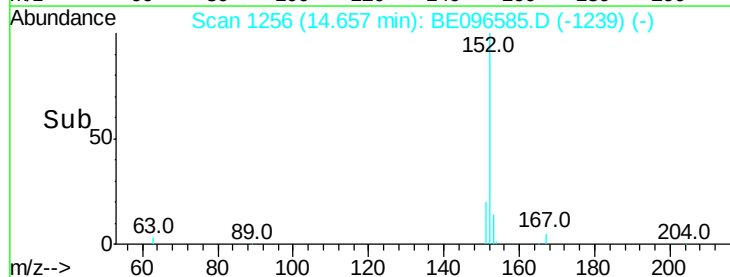
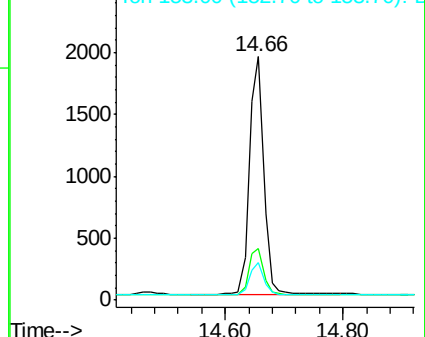


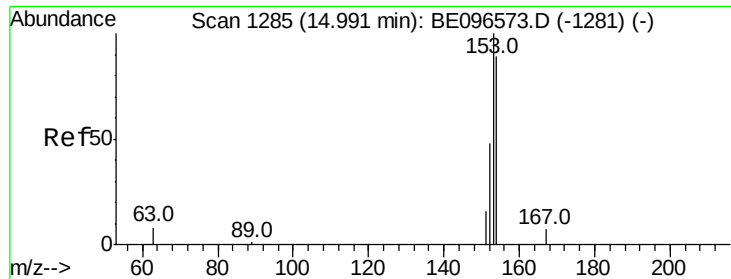
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.408 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :

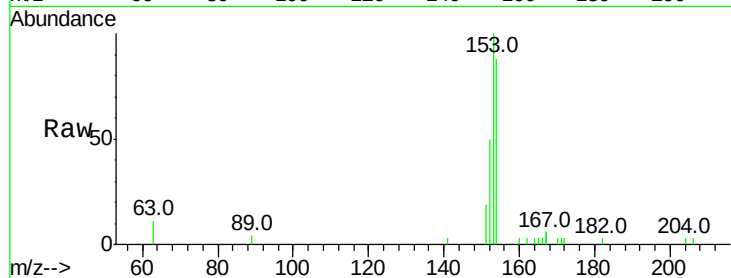
Tot Ion:154 Resp: 2046

Ion Ratio Lower Upper

154 100

153 117.1 89.2 133.8

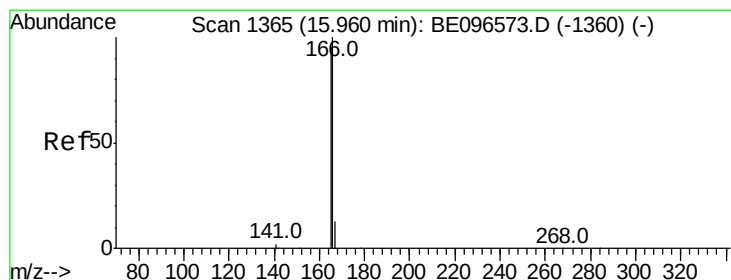
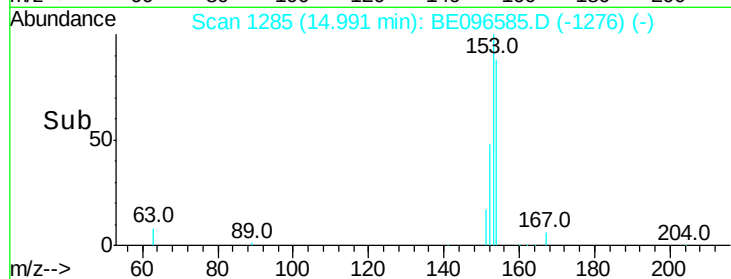
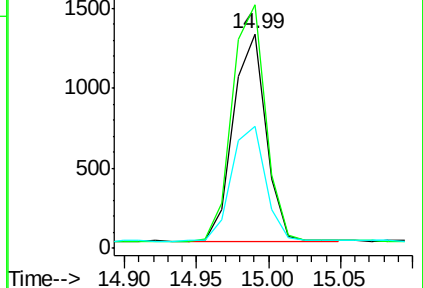
152 58.7 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.503 ng

RT: 15.96 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

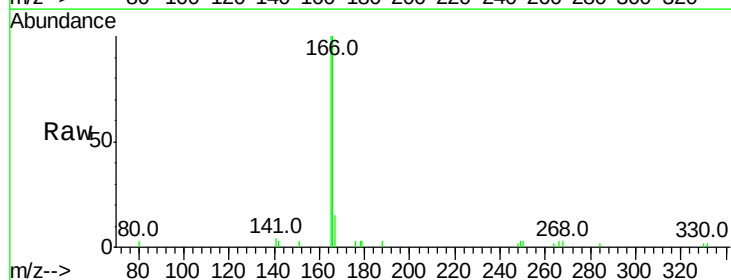
Tgt Ion:166 Resp: 3140

Ion Ratio Lower Upper

166 100

165 100.7 77.8 116.6

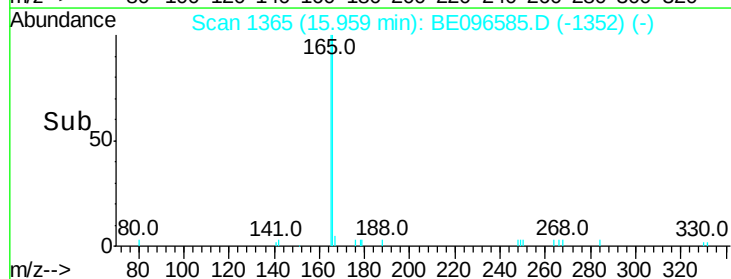
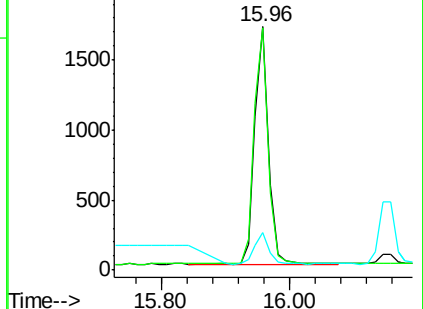
167 10.6 42.4 63.6#

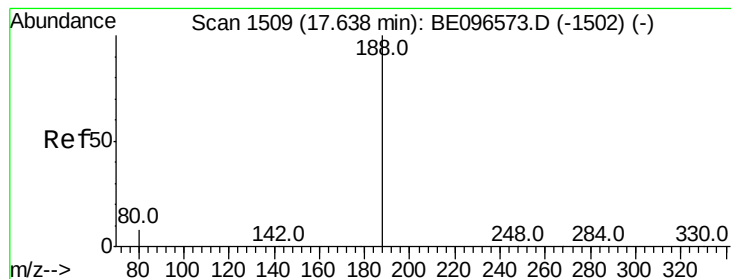


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.64 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :

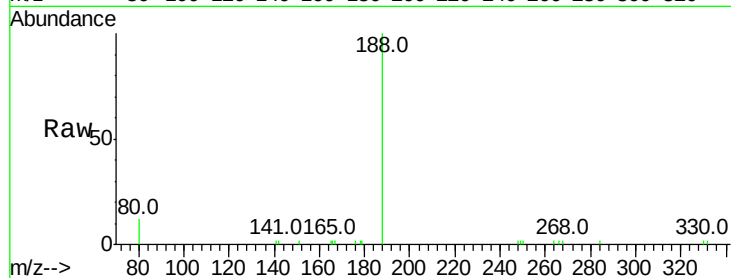
Tot Ion:188 Resp: 3431

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

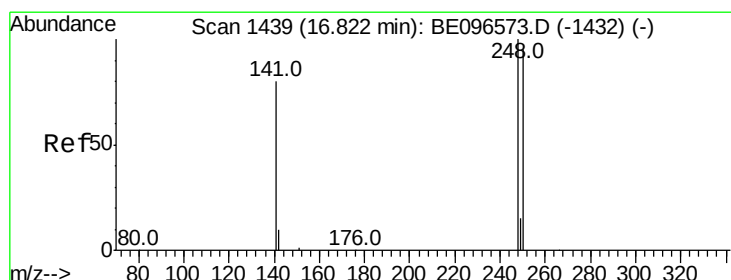
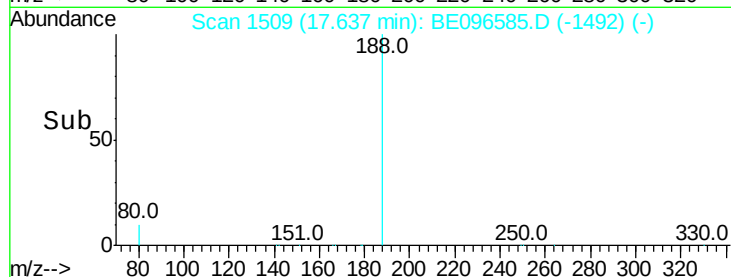
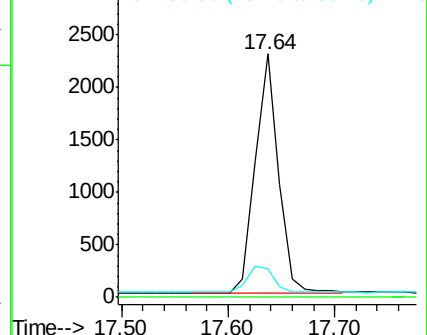
80 11.7 3.6 5.4#



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: 0.425 ng

RT: 16.82 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

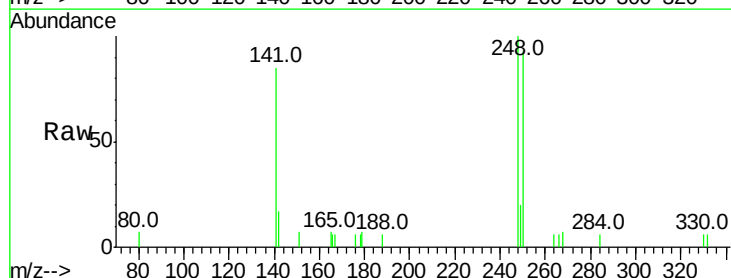
Tgt Ion:248 Resp: 885

Ion Ratio Lower Upper

248 100

250 92.5 62.7 94.1

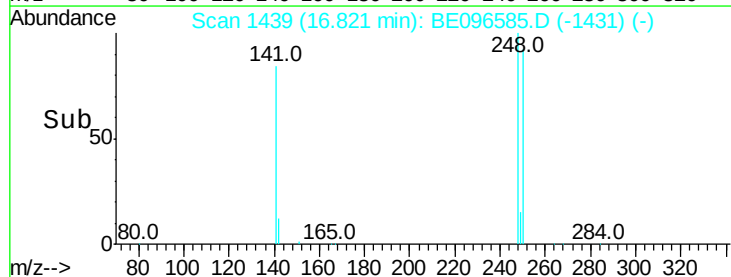
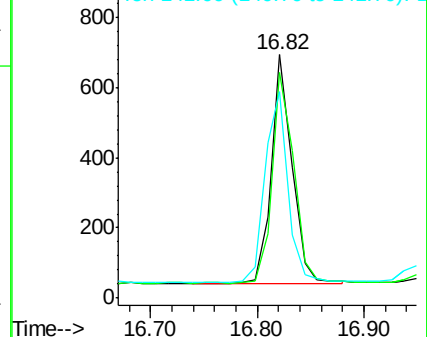
141 85.0 48.2 72.2#

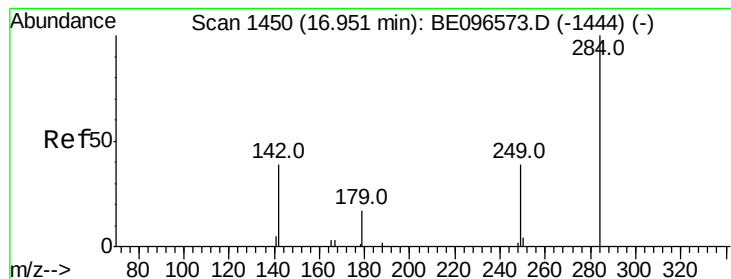


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.405 ng

RT: 16.95 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :

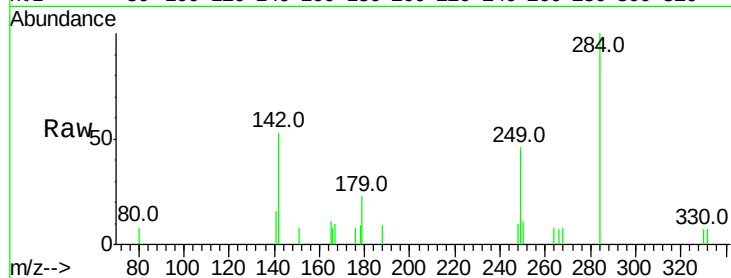
Tot Ion:284 Resp: 878

Ion Ratio Lower Upper

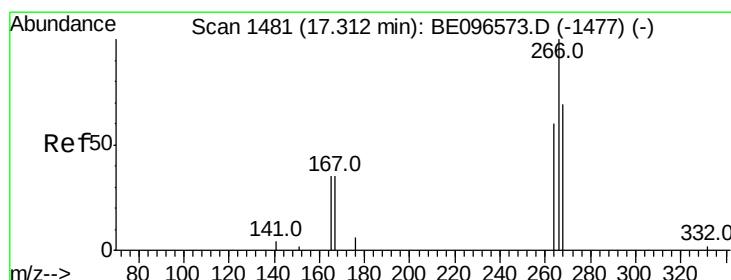
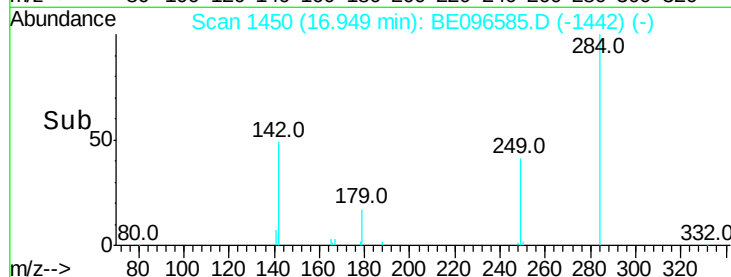
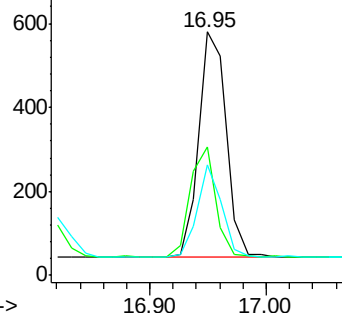
284 100

142 45.7 22.1 33.1#

249 36.6 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: 0.424 ng

RT: 17.31 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

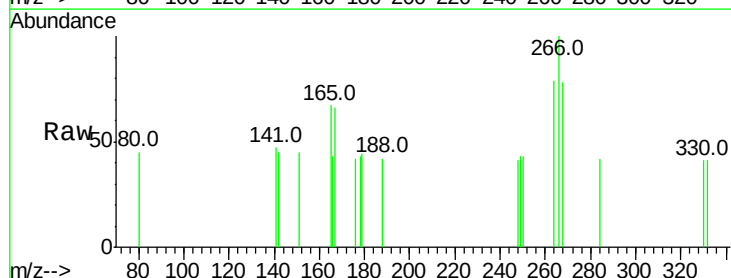
Tgt Ion:266 Resp: 169

Ion Ratio Lower Upper

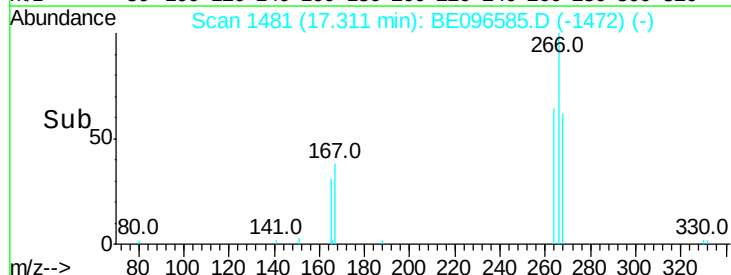
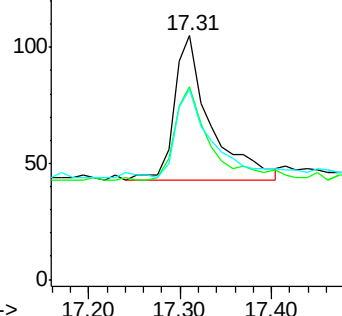
266 100

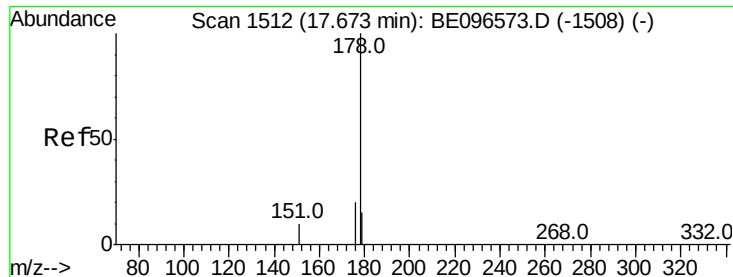
264 79.0 72.5 108.7

268 78.1 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: 0.414 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :

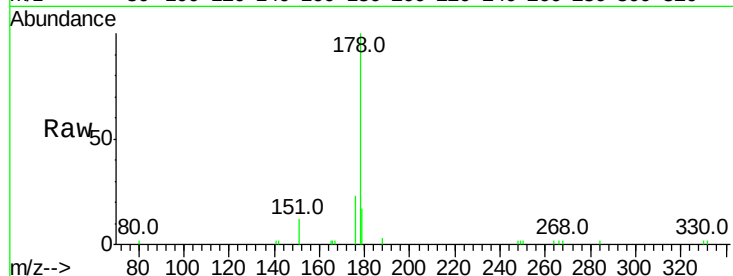
Tot Ion:178 Resp: 3984

Ion Ratio Lower Upper

178 100

176 20.3 15.1 22.7

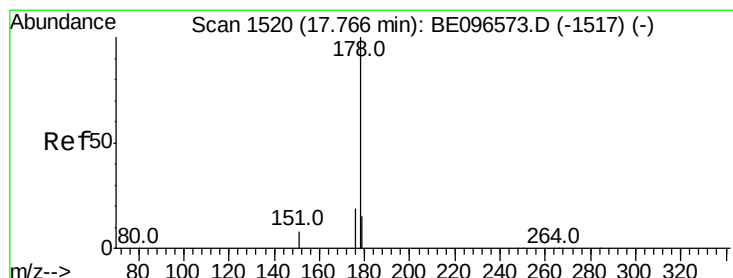
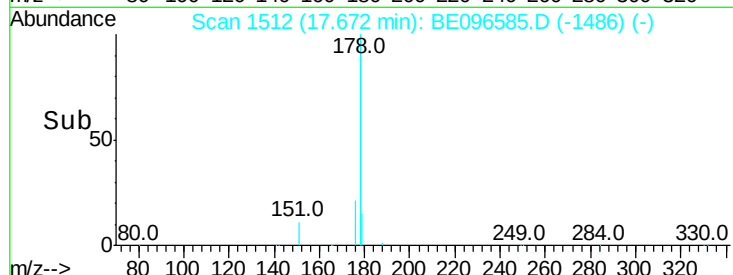
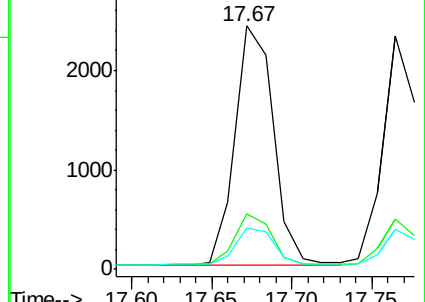
179 15.2 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.401 ng

RT: 17.77 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

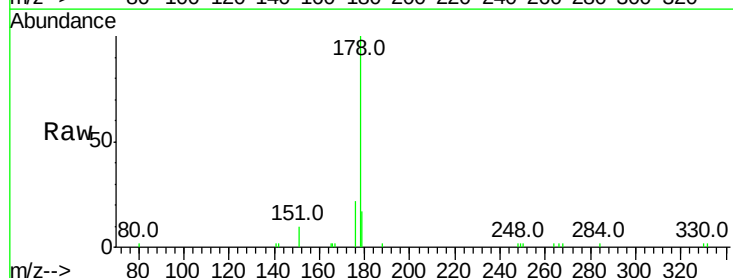
Tgt Ion:178 Resp: 3596

Ion Ratio Lower Upper

178 100

176 19.5 12.8 19.2#

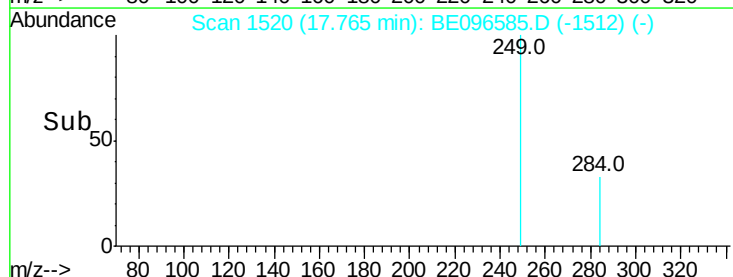
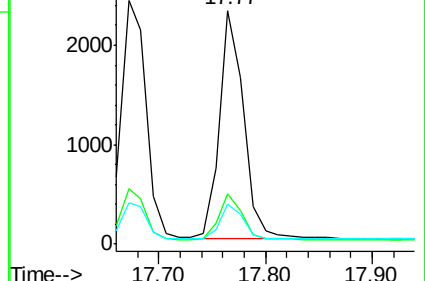
179 15.2 13.0 19.6

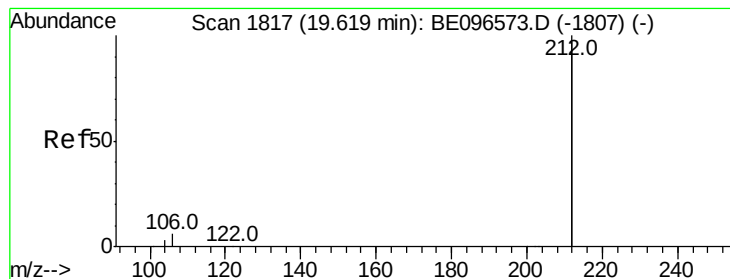


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.413 ng

RT: 19.62 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :

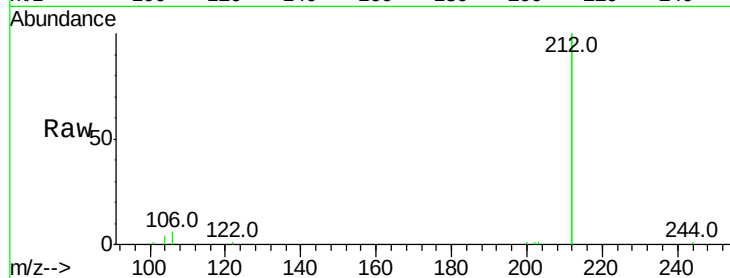
Tot Ion:212 Resp: 17339

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2#

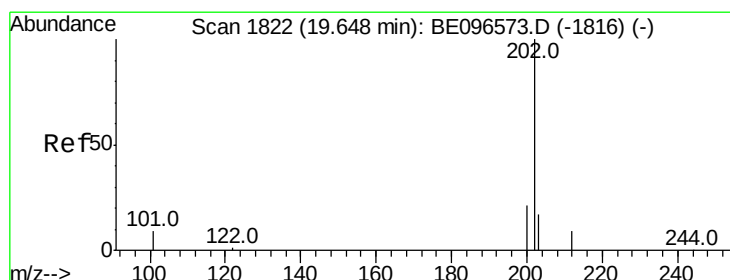
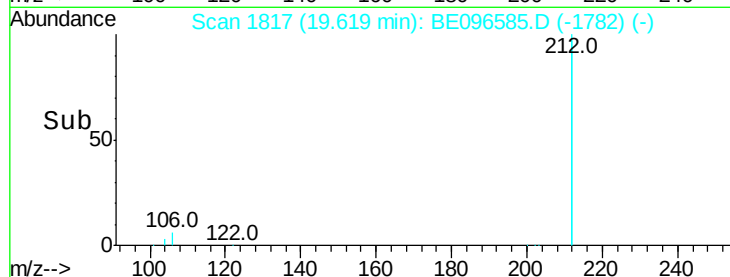
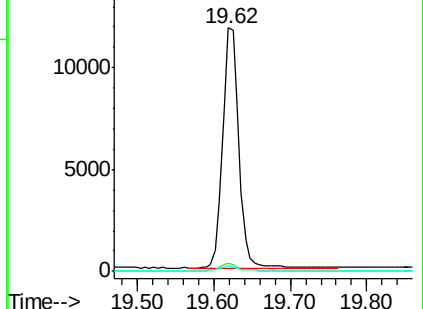
104 1.6 1.6 2.4#



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: 0.412 ng

RT: 19.65 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

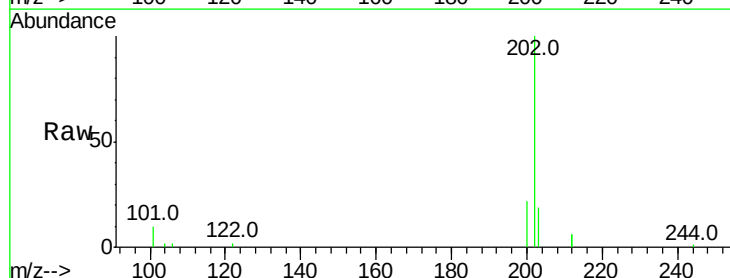
Tgt Ion:202 Resp: 4743

Ion Ratio Lower Upper

202 100

101 9.5 9.8 14.8#

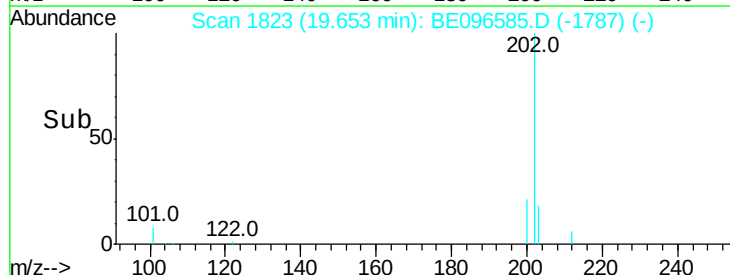
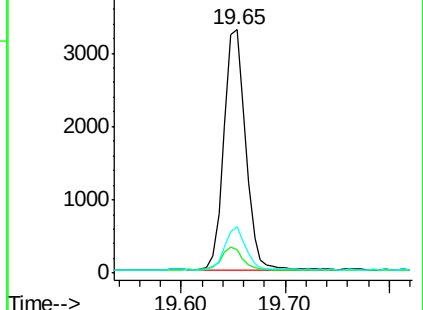
203 16.8 13.7 20.5

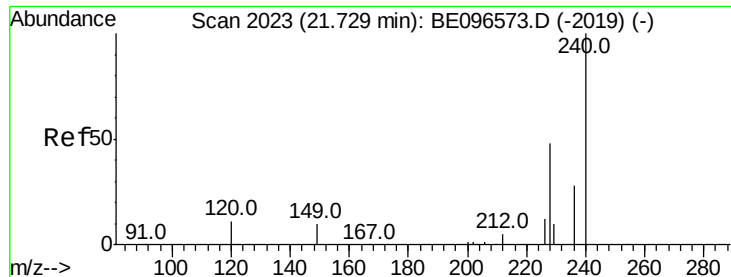


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.73 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

Instrument :

BNA_E

ClientSampled :

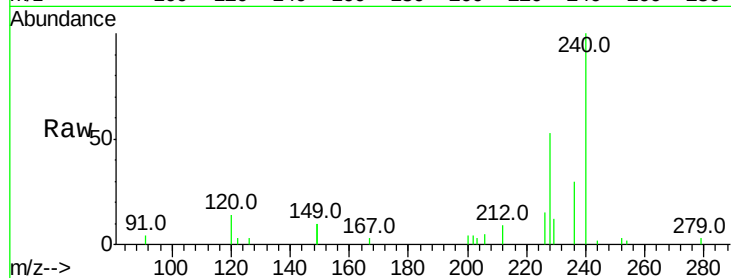
Tot Ion:240 Resp: 3234

Ion Ratio Lower Upper

240 100

120 14.3 5.5 8.3#

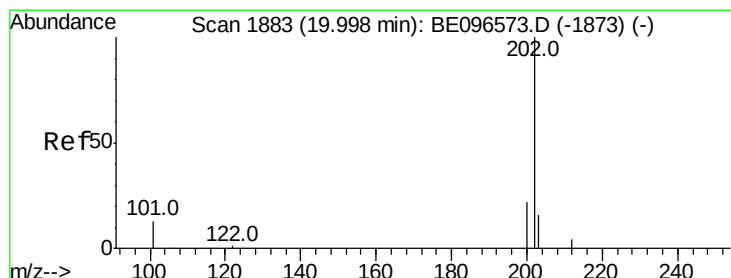
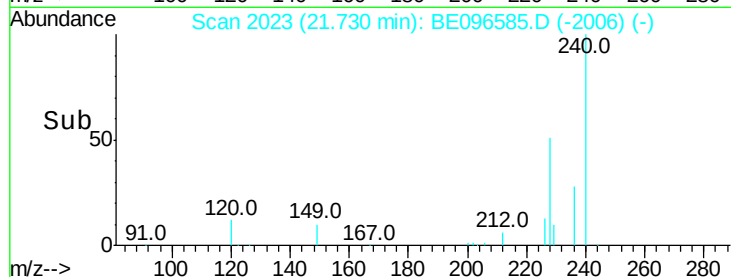
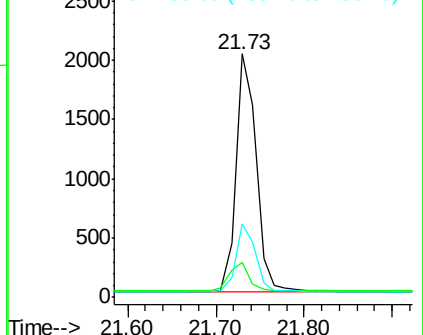
236 30.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.360 ng

RT: 20.00 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

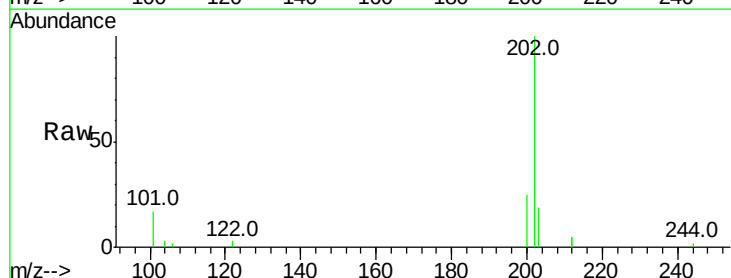
Tgt Ion:202 Resp: 2100

Ion Ratio Lower Upper

202 100

200 22.7 16.6 25.0

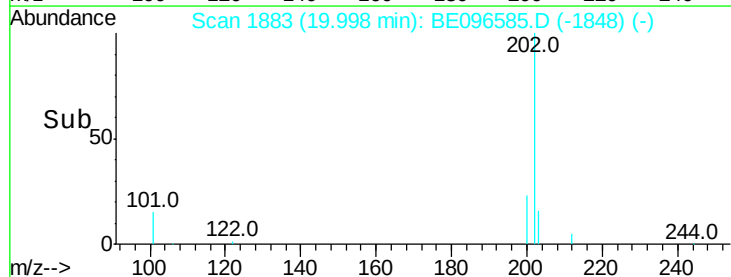
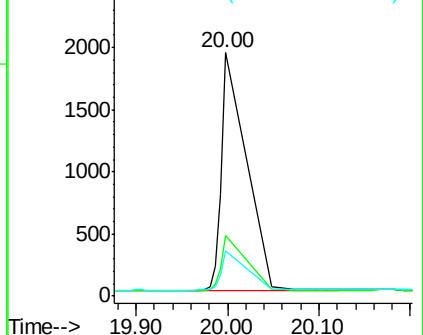
203 14.7 13.8 20.8

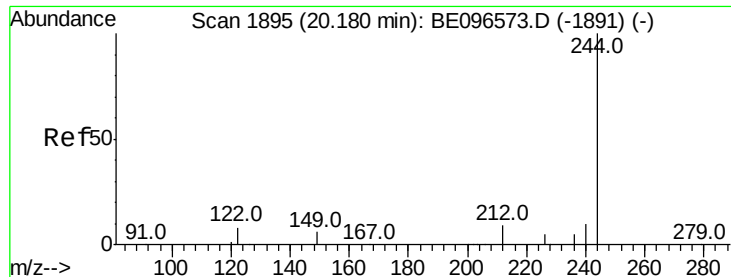


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.437 ng

RT: 20.18 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :

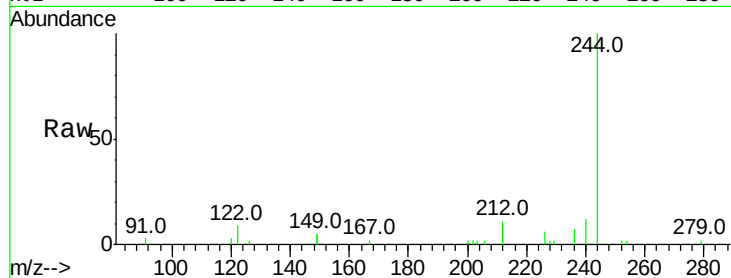
Tot Ion:244 Resp: 3200

Ion Ratio Lower Upper

244 100

212 10.7 25.4 38.0#

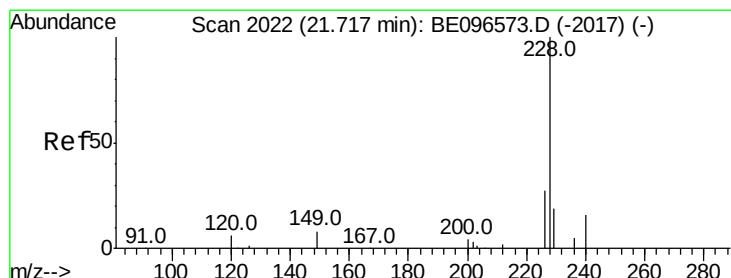
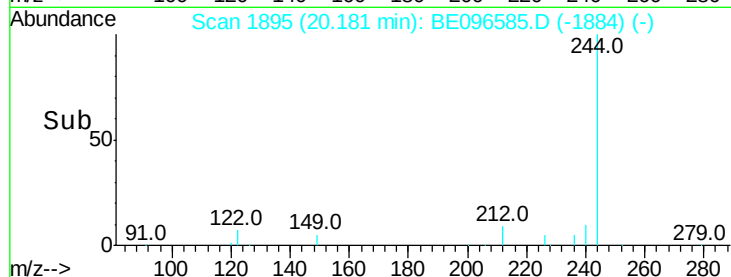
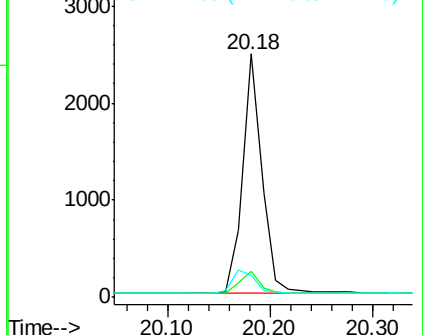
122 9.0 8.1 12.1



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: 0.418 ng

RT: 21.72 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

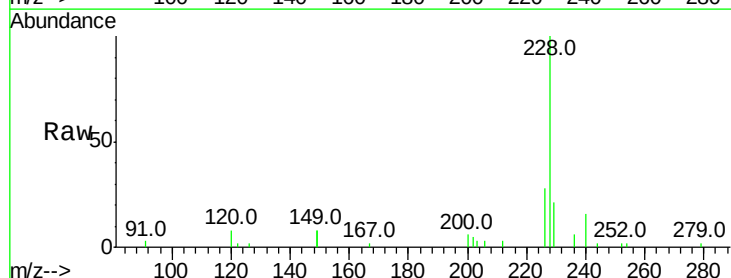
Tgt Ion:228 Resp: 4159

Ion Ratio Lower Upper

228 100

226 28.4 24.0 36.0

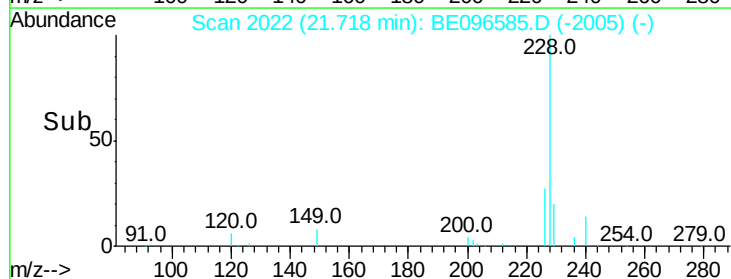
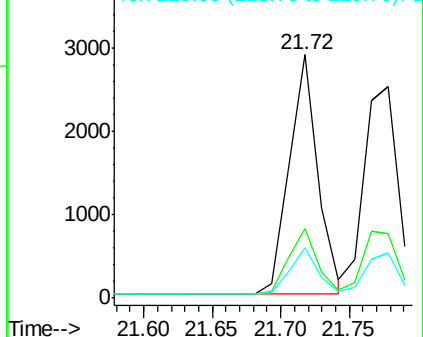
229 20.8 16.0 24.0

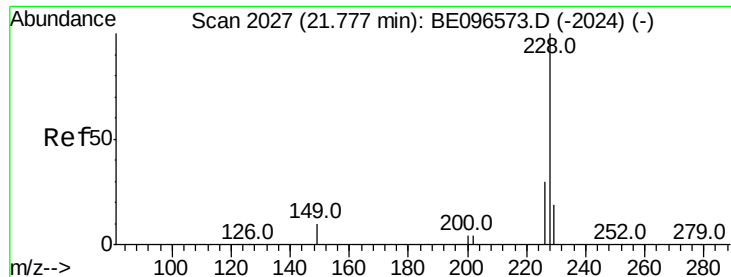


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.416 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :

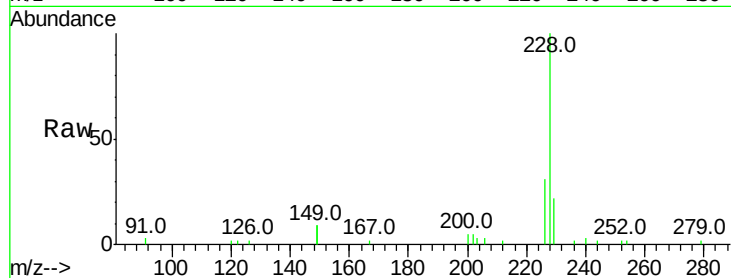
Tot Ion:228 Resp: 4311

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

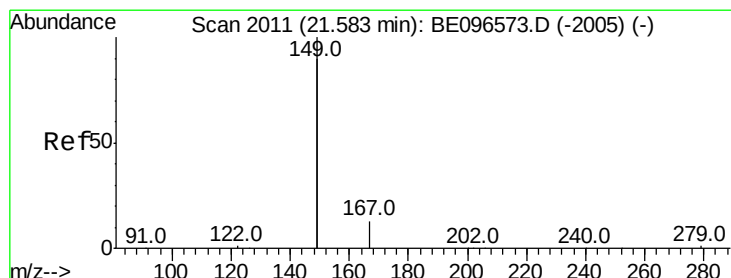
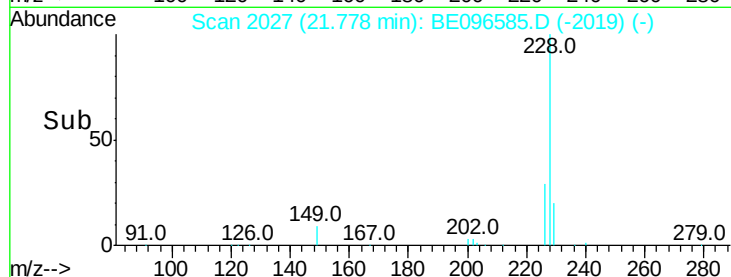
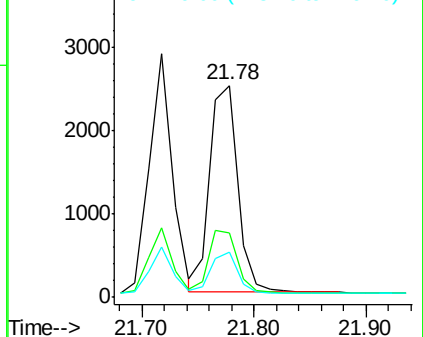
229 21.6 16.0 24.0



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: 0.406 ng

RT: 21.58 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

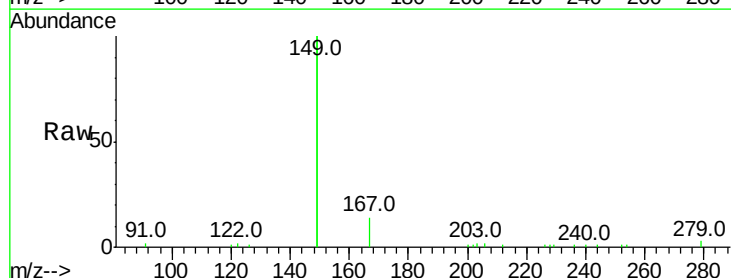
Tgt Ion:149 Resp: 8648

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

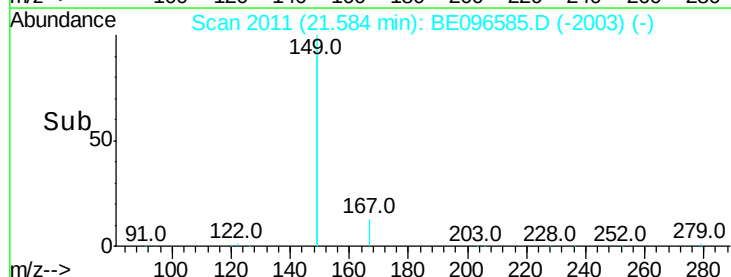
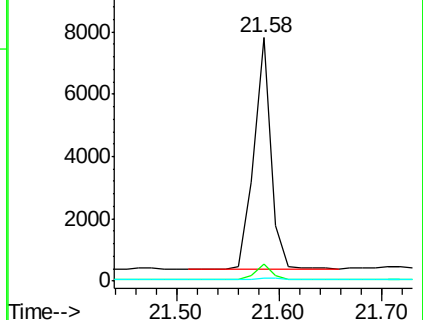
279 0.9 0.7 1.1

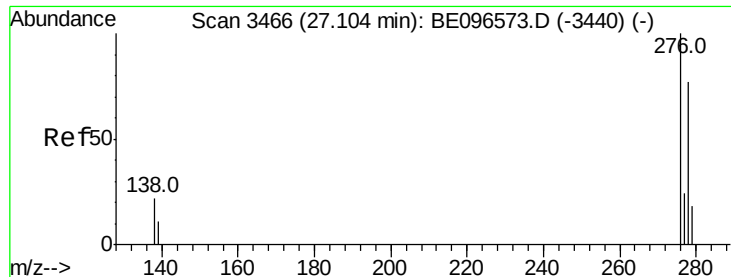


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.428 ng

RT: 27.10 min Scan# 3466

Delta R.T. -0.00 min

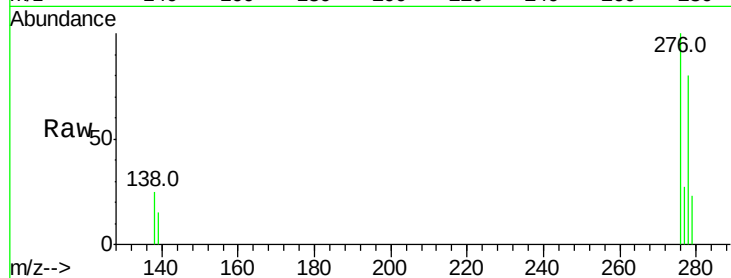
Lab File: BE096585.D

Acq: 15 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :



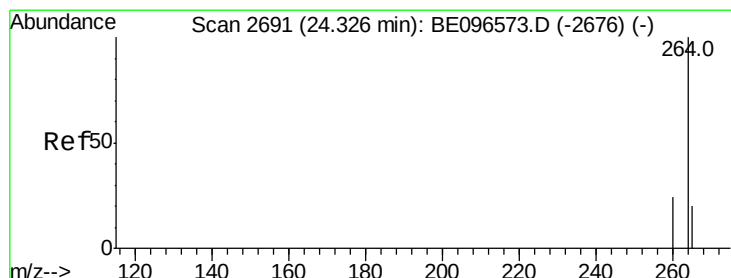
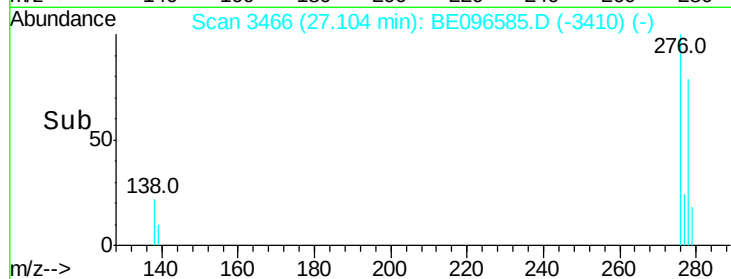
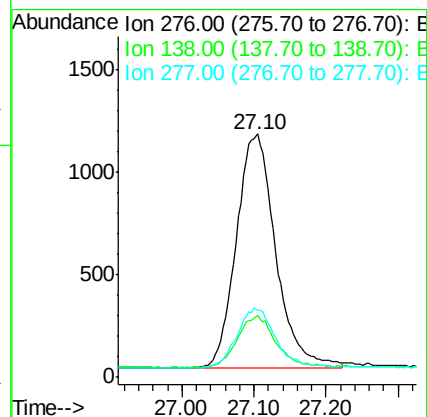
Tot Ion:276 Resp: 4242

Ion Ratio Lower Upper

276 100

138 21.7 22.5 33.7#

277 24.6 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.33 min Scan# 2693

Delta R.T. 0.01 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

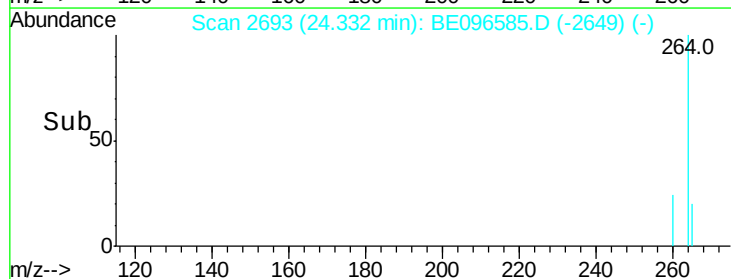
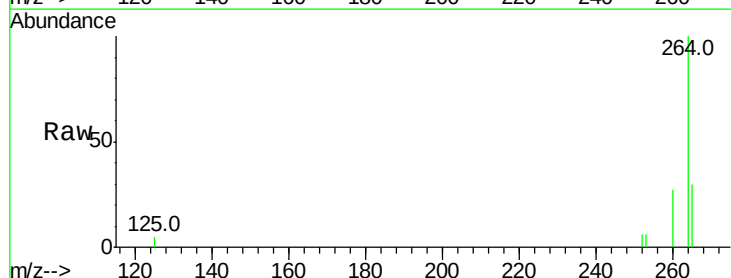
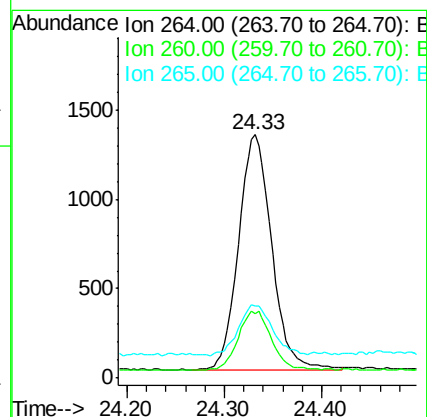
Tgt Ion:264 Resp: 3103

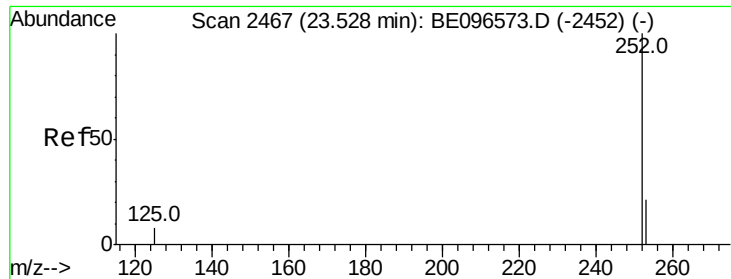
Ion Ratio Lower Upper

264 100

260 26.6 20.5 30.7

265 29.7 22.8 34.2

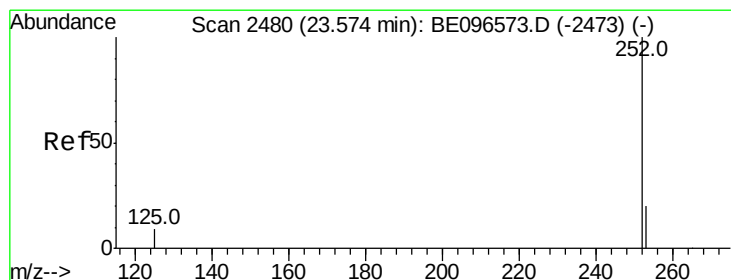
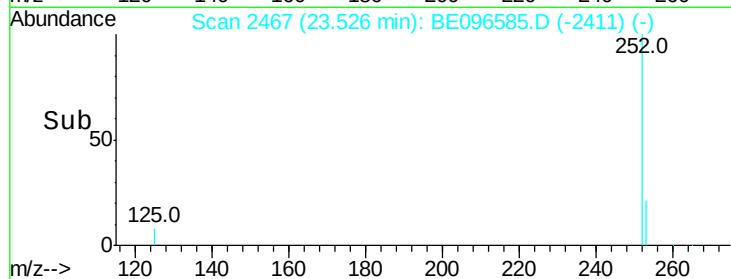
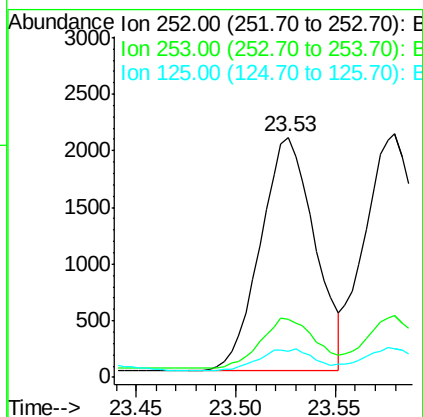
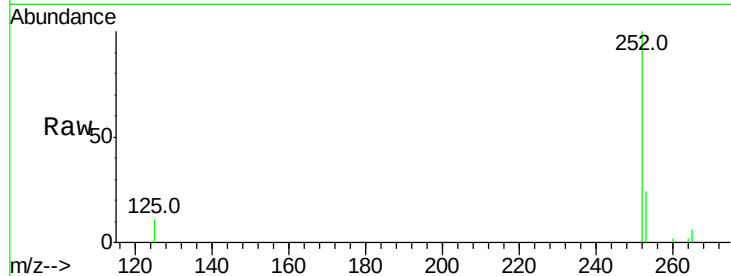




#35
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 23.53 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

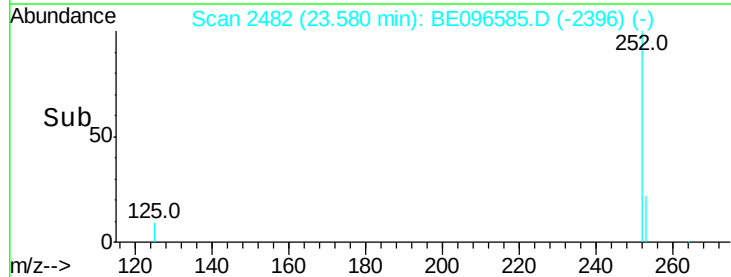
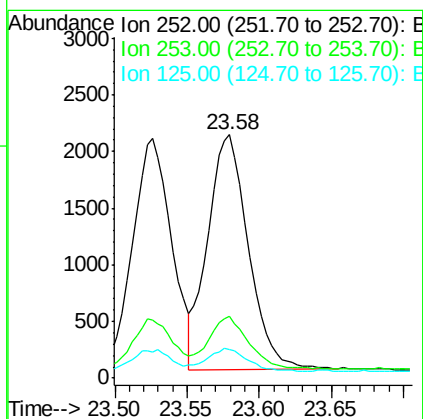
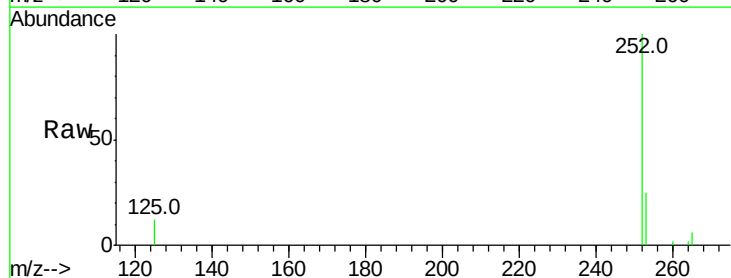
Instrument :
BNA_E
ClientSampleId :

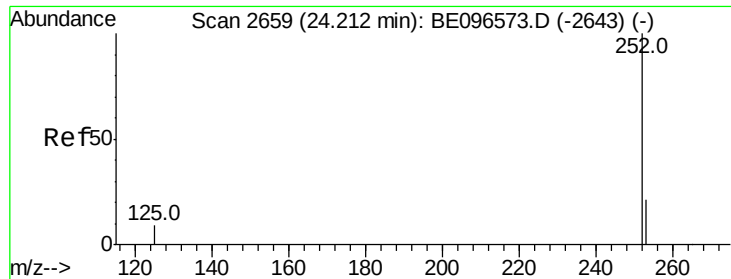
Tot Ion:252 Resp: 3890
Ion Ratio Lower Upper
252 100
253 24.1 20.0 30.0
125 11.0 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.400 ng
RT: 23.58 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BE096585.D
Acq: 15 May 2018 19:27

Tgt Ion:252 Resp: 4058
Ion Ratio Lower Upper
252 100
253 25.2 16.0 24.0#
125 11.6 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.406 ng

RT: 24.21 min Scan# 2659

Delta R.T. -0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :

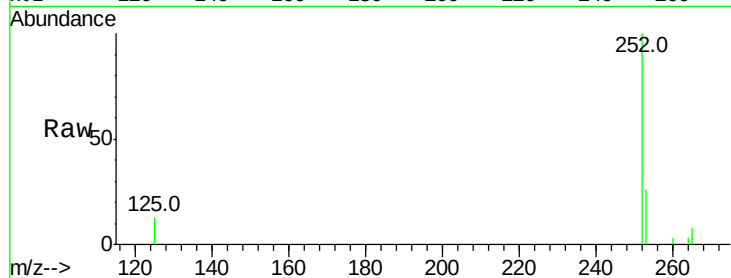
Tot Ion:252 Resp: 3712

Ion Ratio Lower Upper

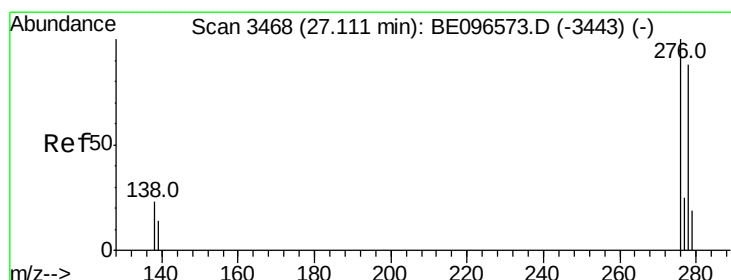
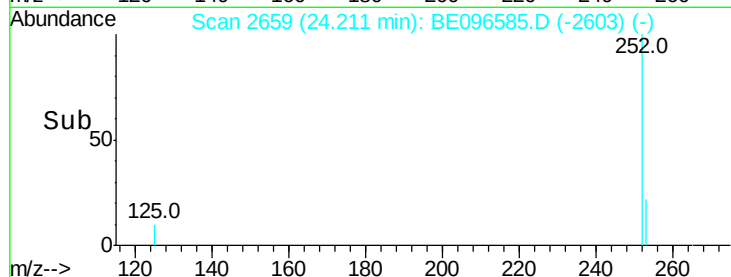
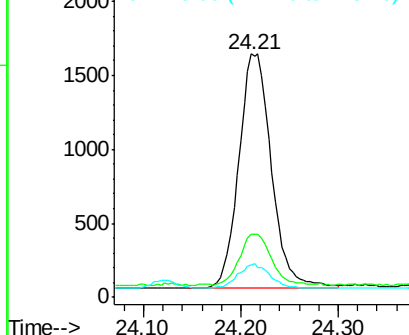
252 100

253 26.0 16.0 24.0#

125 13.4 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: 0.409 ng

RT: 27.11 min Scan# 3469

Delta R.T. 0.00 min

Lab File: BE096585.D

Acq: 15 May 2018 19:27

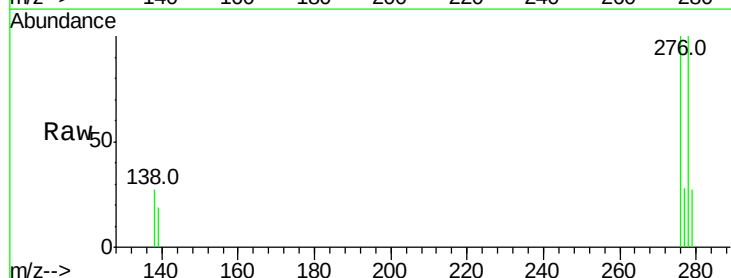
Tgt Ion:278 Resp: 3424

Ion Ratio Lower Upper

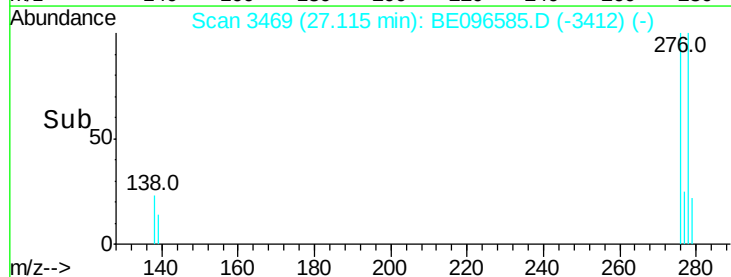
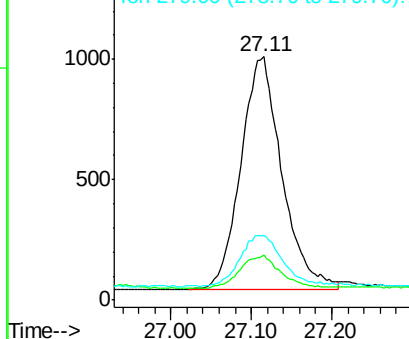
278 100

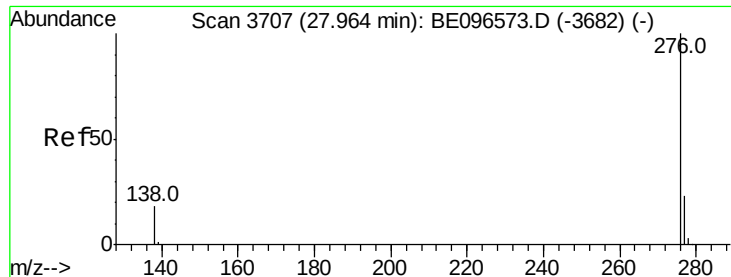
139 18.8 16.0 24.0

279 26.6 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: 0.411 ng

RT: 27.96 min Scan# 3706

Delta R.T. -0.00 min

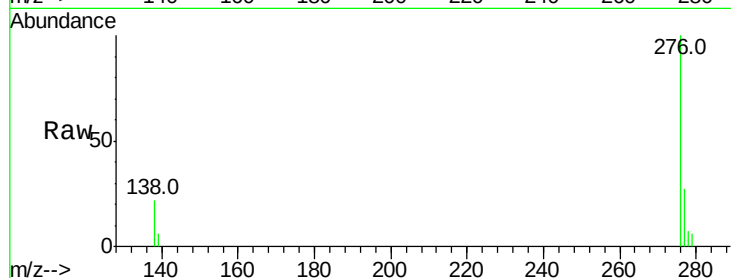
Lab File: BE096585.D

Acq: 15 May 2018 19:27

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	3600
Ion Ratio	Lower	Upper	
276	100		
277	27.2	16.0	24.0#
138	22.4	20.0	30.0

