

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051618\
 Data File : BE096595.D
 Acq On : 16 May 2018 16:07
 Operator : SJ/JU
 Sample : J2133-07
 Misc : LOD 0.1
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 17 03:56:09 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	658	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2661	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1589	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3544	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3387	0.40	ng	0.01
34) Perylene-d12	24.33	264	3050	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.86	112	605	0.33	ng	0.00
5) Phenol-d6	7.51	99	793	0.31	ng	0.00
8) Nitrobenzene-d5	9.53	82	974	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	1554	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	158	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2460	0.36	ng	0.00
25) Fluoranthene-d10	19.62	212	15722	0.36	ng	0.00
29) Terphenyl-d14	20.18	244	2444	0.32	ng	0.00

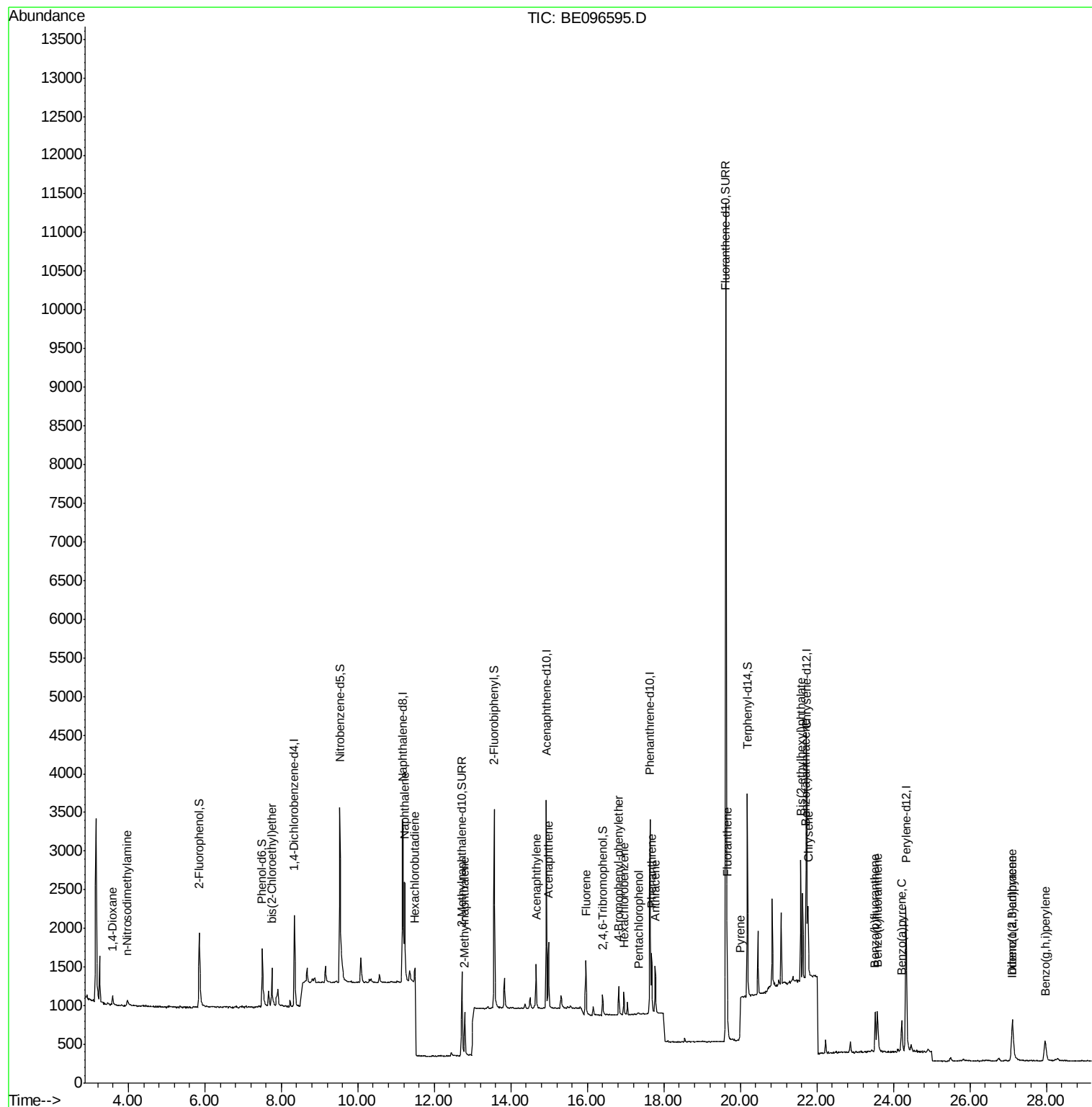
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	95	0.096	ng	# 92
3) n-Nitrosodimethylamine	3.97	42	83	0.067	ng	# 66
6) bis(2-Chloroethyl)ether	7.75	93	216	0.090	ng	# 78
9) Naphthalene	11.23	128	2568	0.092	ng	# 93
10) Hexachlorobutadiene	11.49	225	147	0.094	ng	# 90
12) 2-Methylnaphthalene	12.79	142	412	0.086	ng	# 89
16) Acenaphthylene	14.66	152	681	0.082	ng	# 97
17) Acenaphthene	14.99	154	426	0.084	ng	# 89
18) Fluorene	15.96	166	663	0.105	ng	# 68
20) 4-Bromophenyl-phenylether	16.82	248	170	0.079	ng	# 63
21) Hexachlorobenzene	16.95	284	197	0.088	ng	# 85
22) Pentachlorophenol	17.34	266	14	0.202	ng	# 96
23) Phenanthrene	17.67	178	844	0.085	ng	# 97
24) Anthracene	17.77	178	712	0.077	ng	# 95
26) Fluoranthene	19.65	202	1012	0.085	ng	# 98
28) Pyrene	20.00	202	388	0.063	ng	# 90
30) Benzo(a)anthracene	21.72	228	856	0.082	ng	# 94
31) Chrysene	21.78	228	960	0.089	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.58	149	1749	0.078	ng	# 98
33) Indeno(1,2,3-cd)pyrene	27.10	276	787	0.076	ng	# 92
35) Benzo(b)fluoranthene	23.53	252	811	0.086	ng	# 88
36) Benzo(k)fluoranthene	23.58	252	799	0.080	ng	# 66
37) Benzo(a)pyrene	24.22	252	746	0.083	ng	# 68
38) Dibenzo(a,h)anthracene	27.11	278	246	0.030	ng	# 66
39) Benzo(g,h,i)perylene	27.96	276	718	0.083	ng	# 69

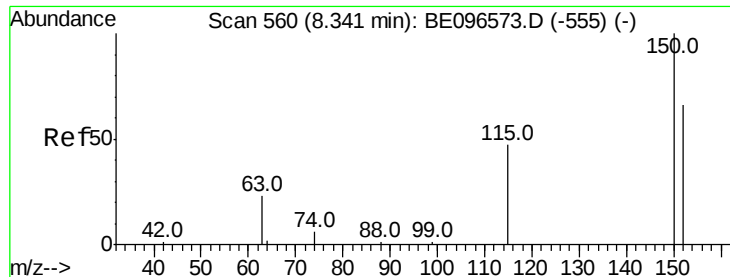
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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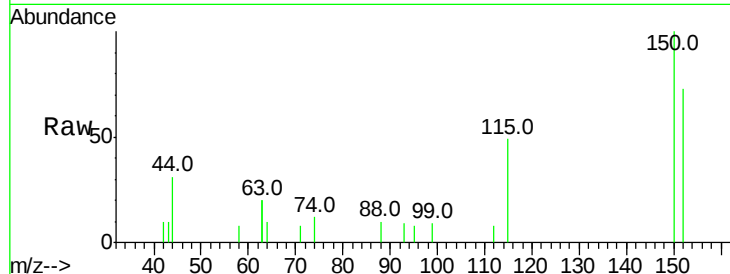




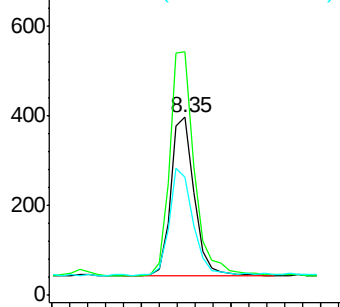
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.35 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BE096595.D
 Acq: 16 May 2018 16:07

Instrument :
 BNA_E
 ClientSampled :

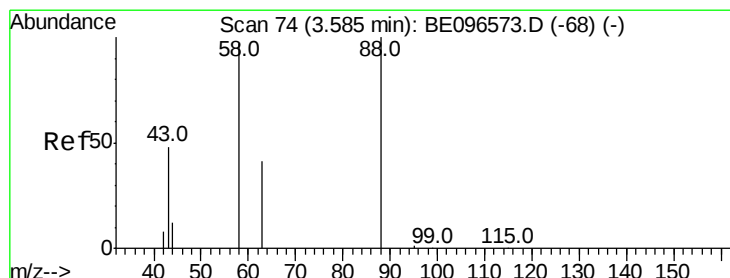
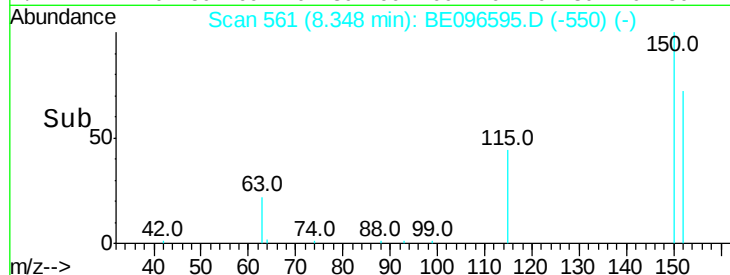
Tot Ion:152 Resp: 658
 Ion Ratio Lower Upper
 152 100
 150 136.5 117.2 175.8
 115 66.2 57.0 85.6



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

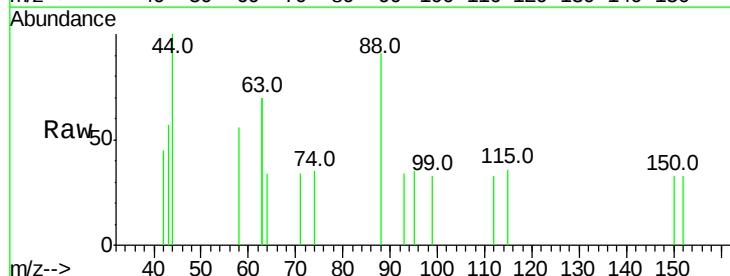


Time--> 8.20 8.30 8.40 8.50

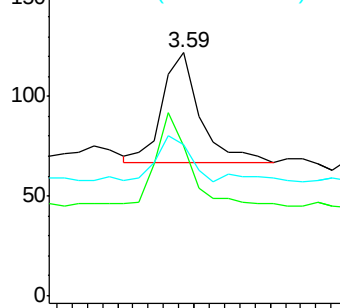


#2
 1,4-Dioxane
 Concen: 0.096 ng
 RT: 3.59 min Scan# 75
 Delta R.T. 0.01 min
 Lab File: BE096595.D
 Acq: 16 May 2018 16:07

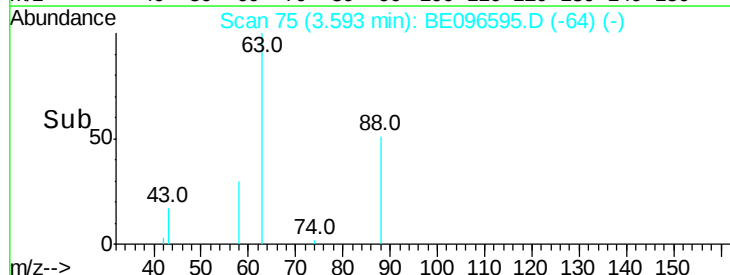
Tgt Ion: 88 Resp: 95
 Ion Ratio Lower Upper
 88 100
 58 76.8 63.2 94.8
 43 40.0 41.2 61.8#

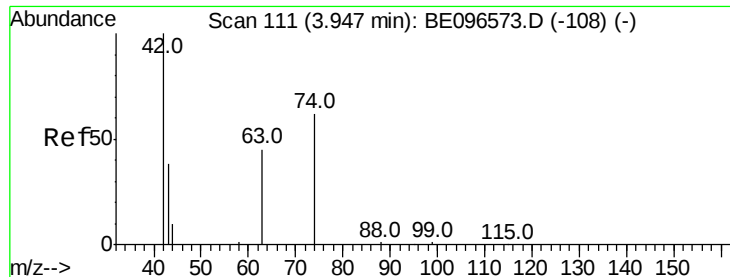


Abundance Ion 88.00 (87.70 to 88.70): BE0
 Ion 58.00 (57.70 to 58.70): BE0
 Ion 43.00 (42.70 to 43.70): BE0



Time--> 3.55 3.60 3.65

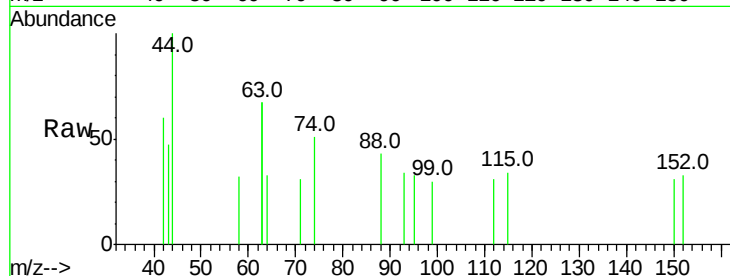




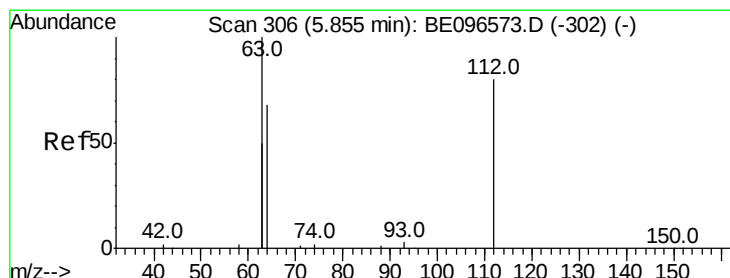
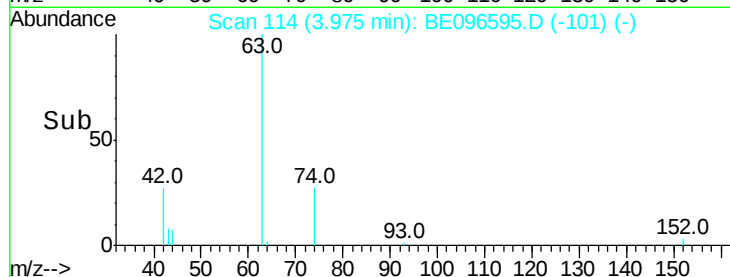
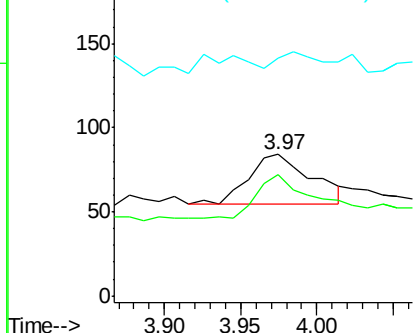
#3
n-Nitrosodimethylamine
Concen: 0.067 ng
RT: 3.97 min Scan# 114
Delta R.T. 0.03 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampled :

Tot Ion: 42 Resp: 83
Ion Ratio Lower Upper
42 100
74 78.3 96.0 144.0#
44 19.3 12.0 18.0#

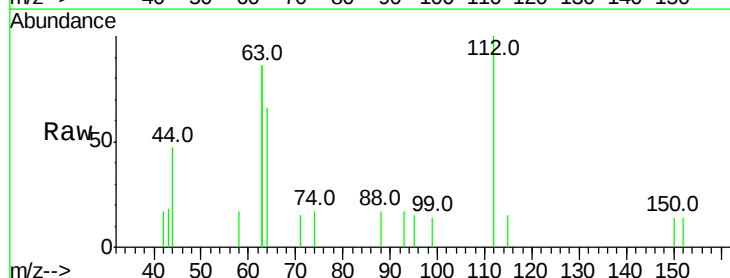


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0

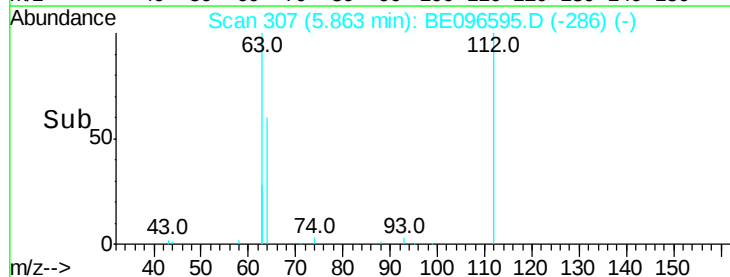
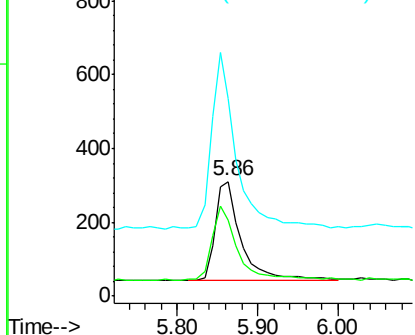


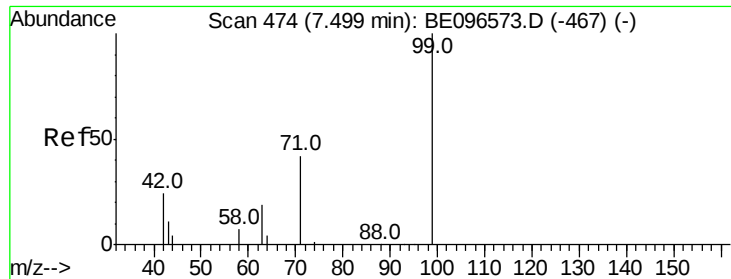
#4
2-Fluorophenol
Concen: 0.333 ng
RT: 5.86 min Scan# 307
Delta R.T. 0.01 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion: 112 Resp: 605
Ion Ratio Lower Upper
112 100
64 74.9 60.1 90.1
63 173.2 116.8 175.2



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: 0.309 ng

RT: 7.51 min Scan# 475

Delta R.T. 0.01 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampled :

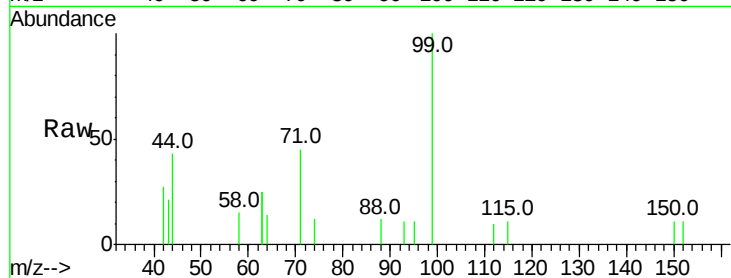
Tot Ion: 99 Resp: 793

Ion Ratio Lower Upper

99 100

42 30.1 20.2 30.2

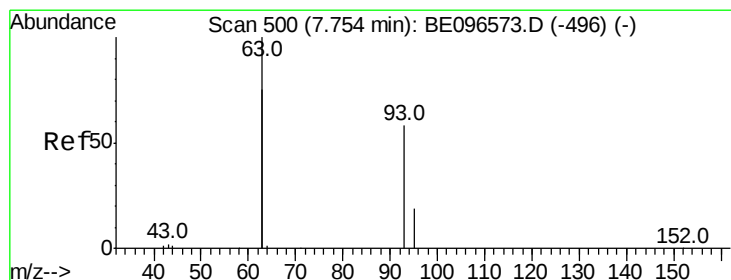
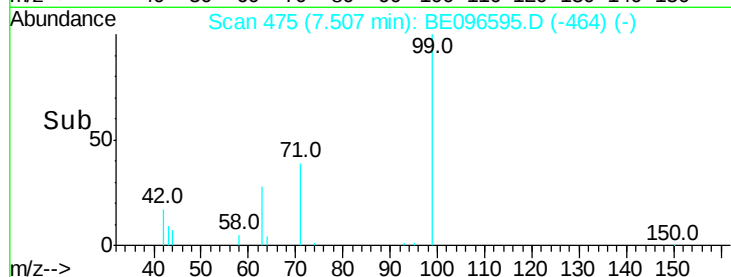
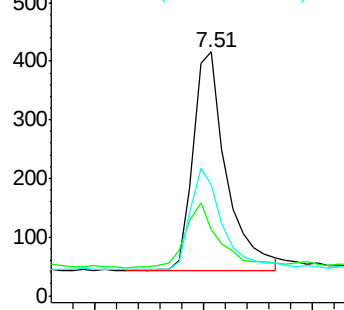
71 45.3 28.4 42.6#



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: 0.090 ng

RT: 7.75 min Scan# 500

Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

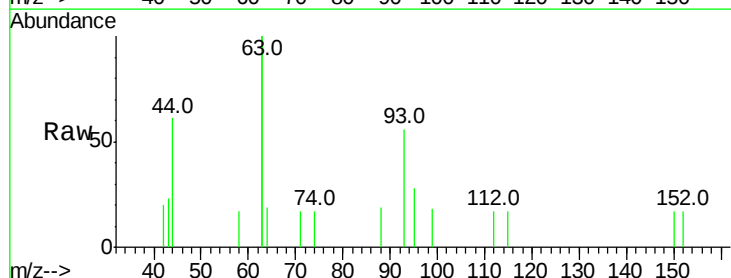
Tgt Ion: 93 Resp: 216

Ion Ratio Lower Upper

93 100

63 293.5 275.3 412.9

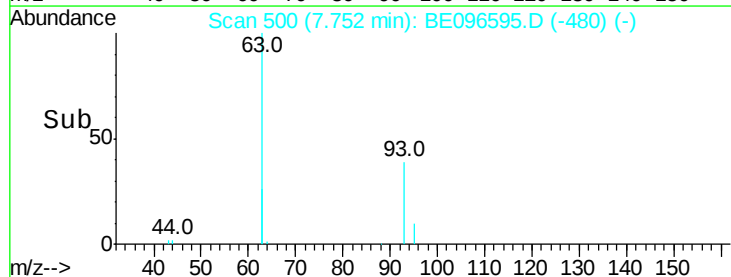
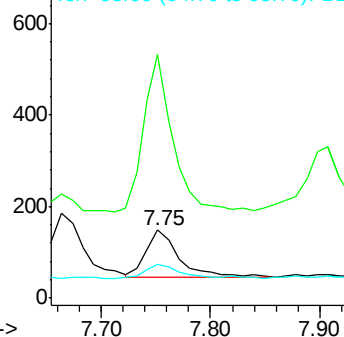
95 30.6 25.2 37.8

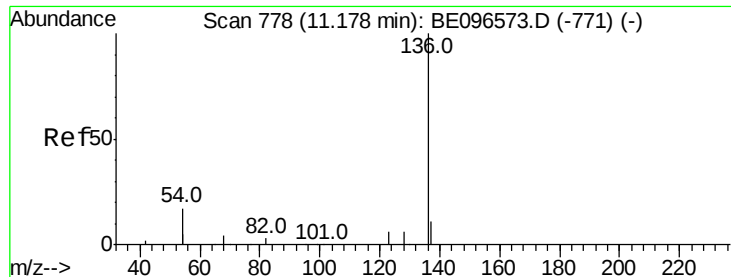


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.18 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2661

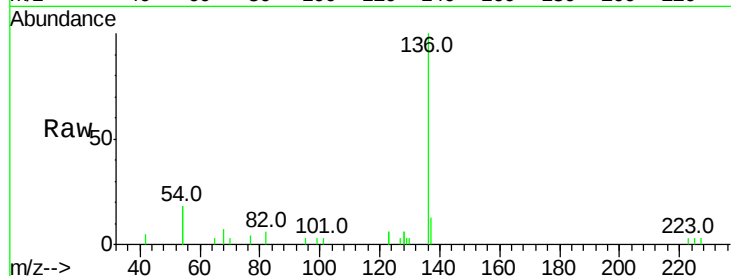
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 36.3 29.1 43.7

68 6.9 6.2 9.2

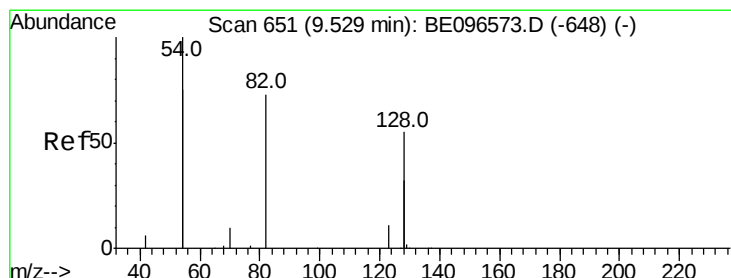
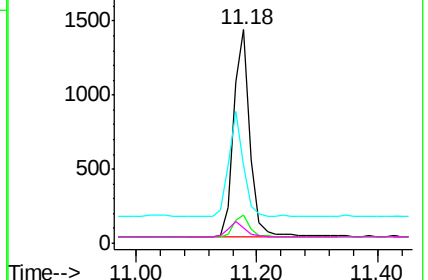
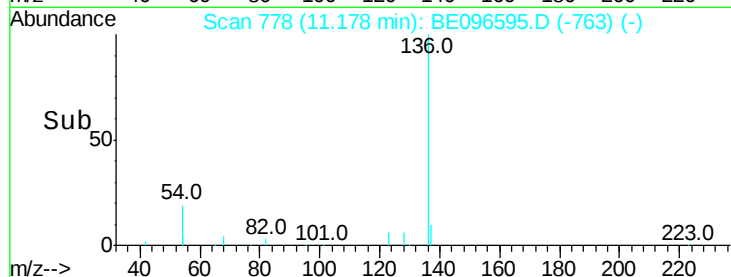


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.344 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

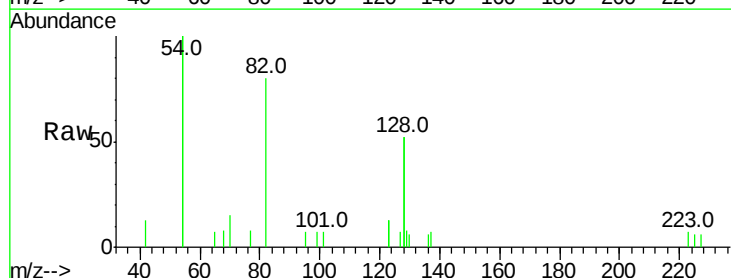
Tgt Ion: 82 Resp: 974

Ion Ratio Lower Upper

82 100

128 130.3 150.0 225.0#

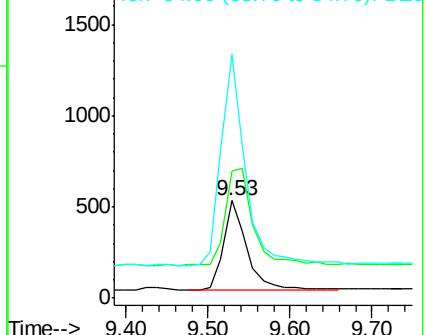
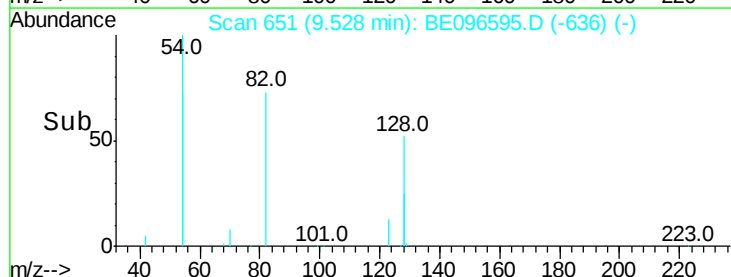
54 250.2 154.2 231.4#

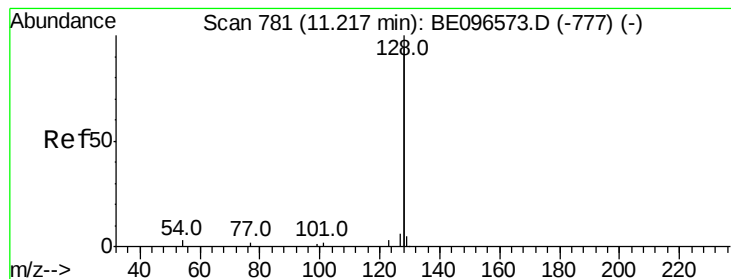


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.092 ng

RT: 11.23 min Scan# 782

Delta R.T. 0.01 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampleId :

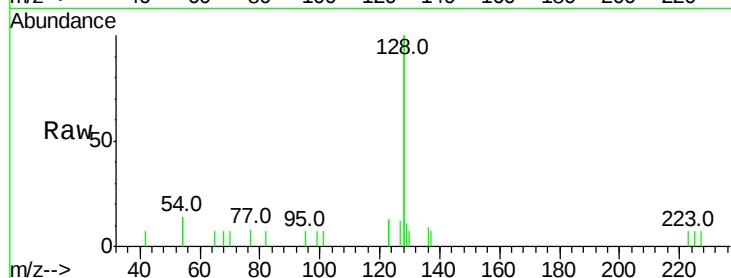
Tot Ion:128 Resp: 2568

Ion Ratio Lower Upper

128 100

129 5.4 2.6 3.8#

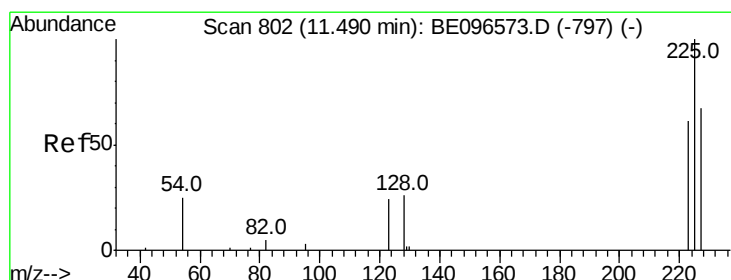
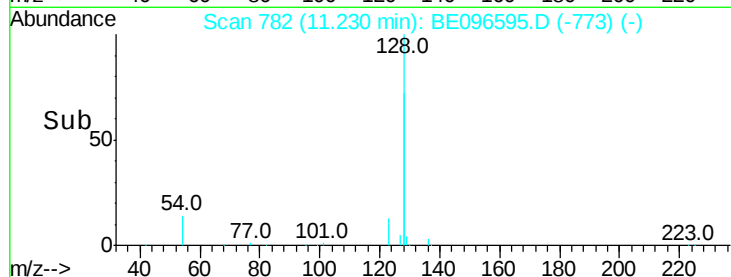
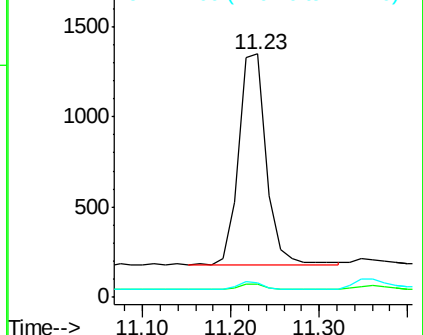
127 5.9 2.8 4.2#



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: 0.094 ng

RT: 11.49 min Scan# 802

Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

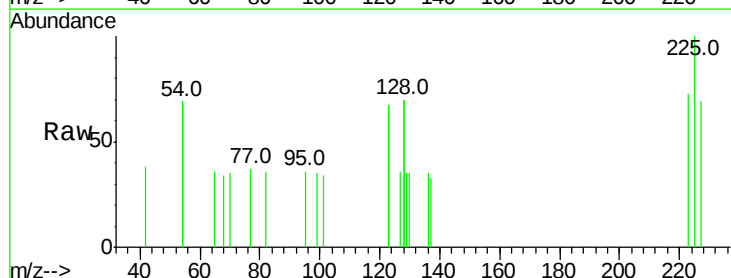
Tgt Ion:225 Resp: 147

Ion Ratio Lower Upper

225 100

223 68.7 53.0 79.6

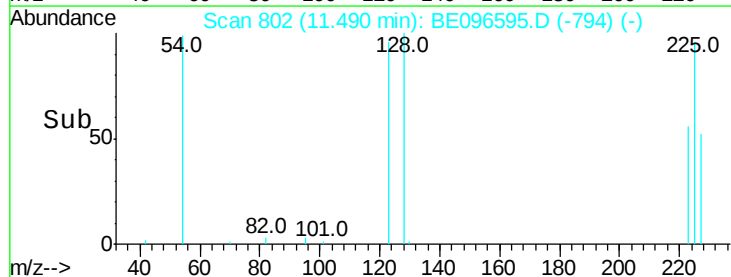
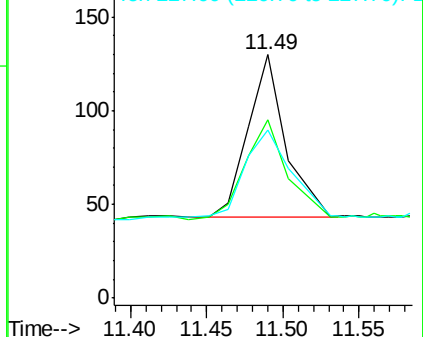
227 50.3 51.4 77.2#

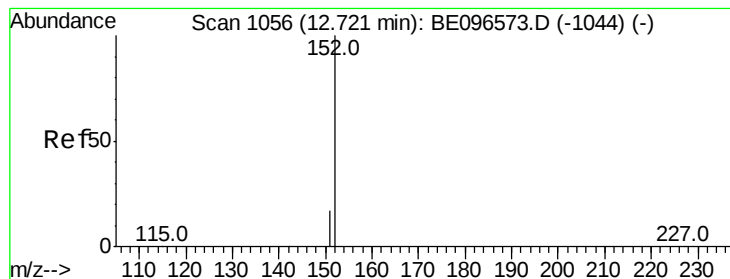


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.358 ng

RT: 12.72 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

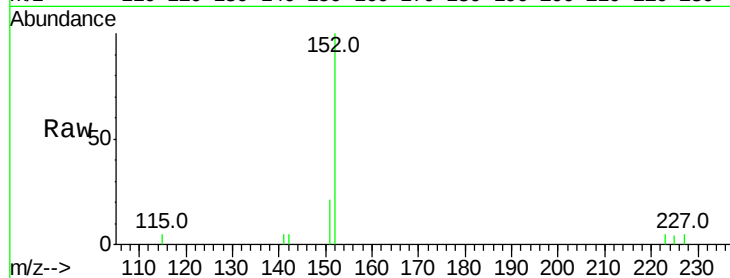
ClientSampled :

Tot Ion:152 Resp: 1554

Ion Ratio Lower Upper

152 100

151 19.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.72

1000

800

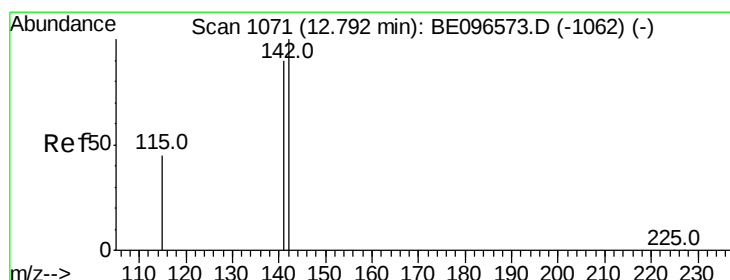
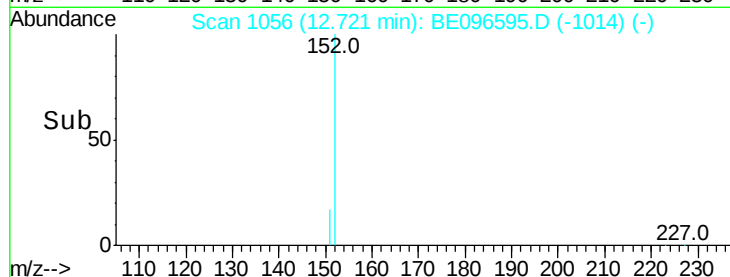
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.086 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

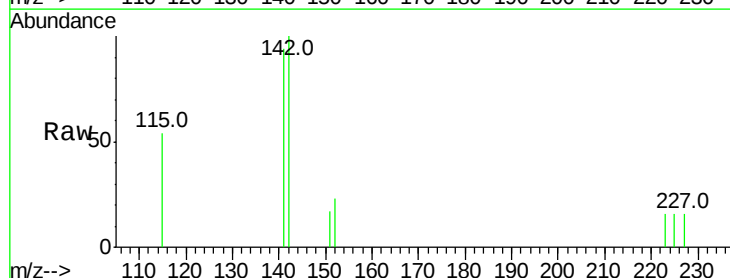
Tgt Ion:142 Resp: 412

Ion Ratio Lower Upper

142 100

141 93.8 70.4 105.6

115 53.8 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

12.79

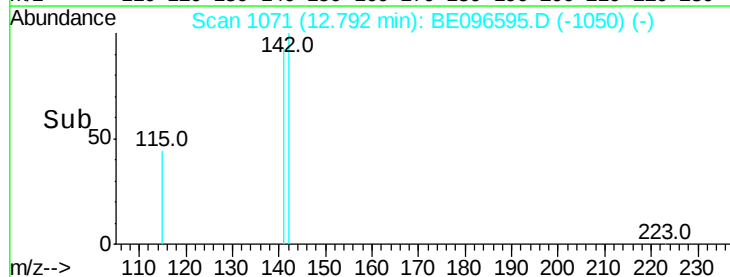
300

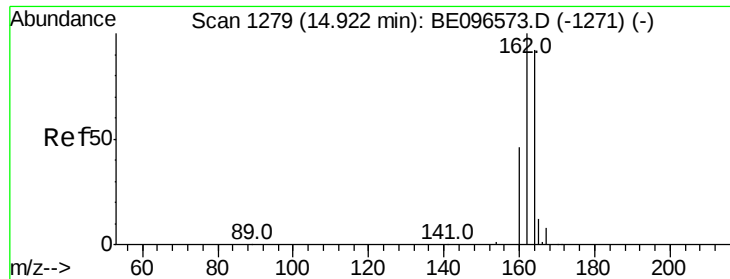
200

100

0

Time-->

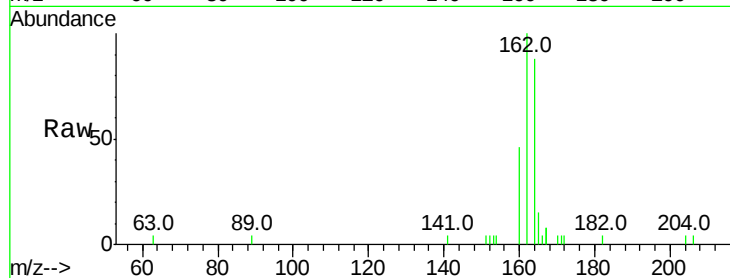




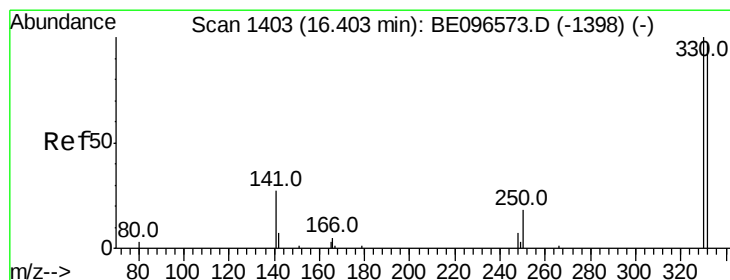
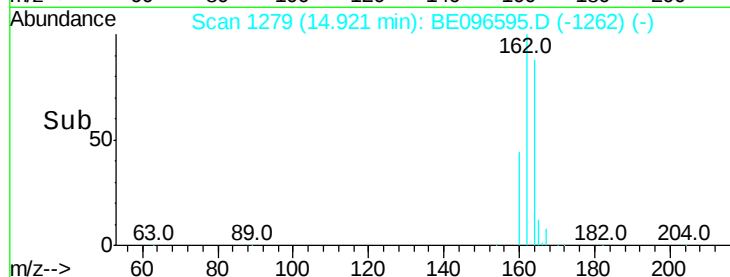
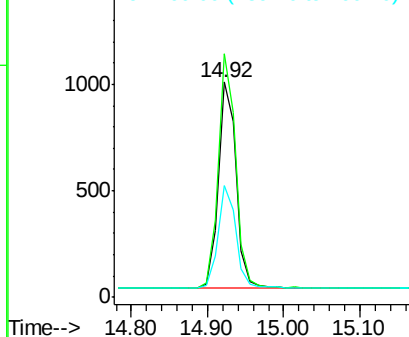
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.92 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampled :

Tot Ion:164 Resp: 1589
Ion Ratio Lower Upper
164 100
162 113.1 83.1 124.7
160 51.9 37.1 55.7

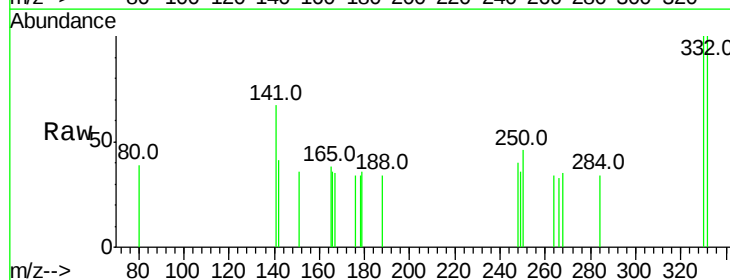


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

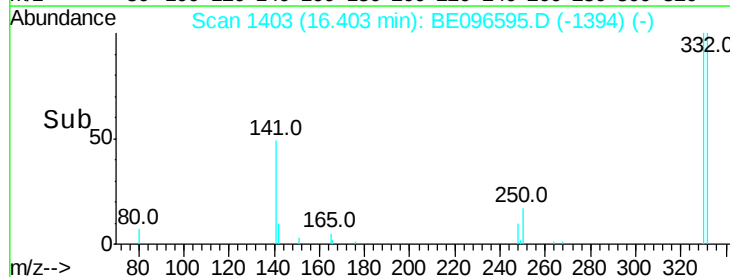
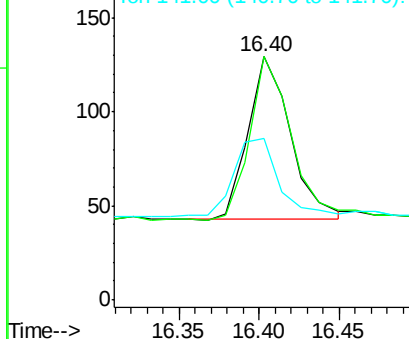


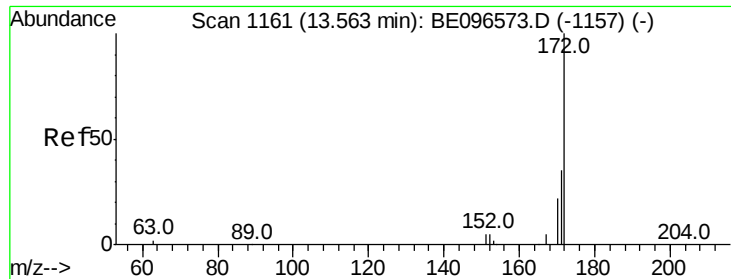
#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 16.40 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:330 Resp: 158
Ion Ratio Lower Upper
330 100
332 96.8 152.7 229.1#
141 52.5 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

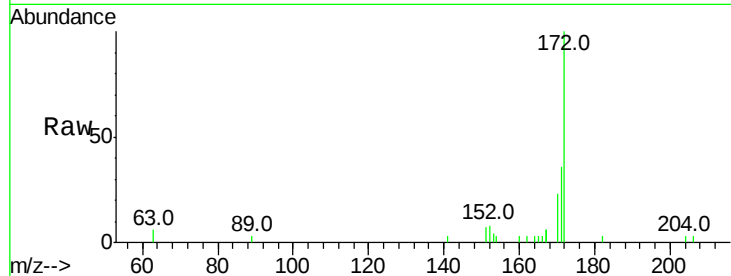




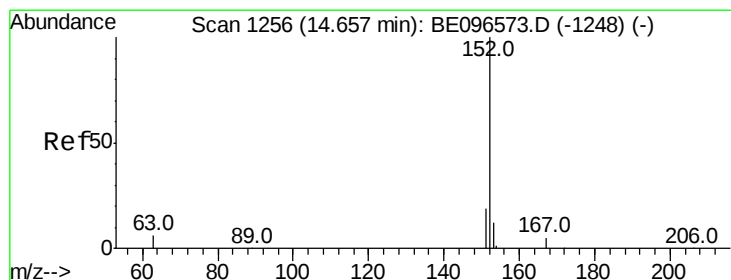
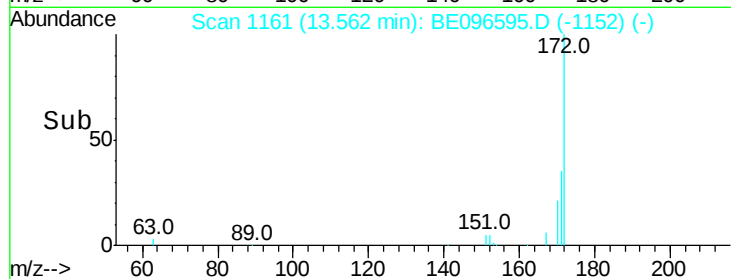
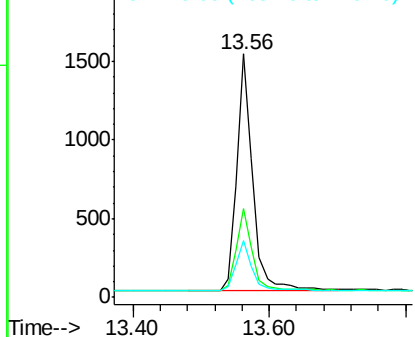
#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2460
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 23.3 21.8 32.8

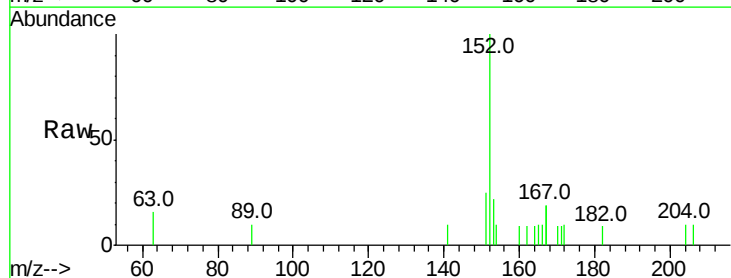


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

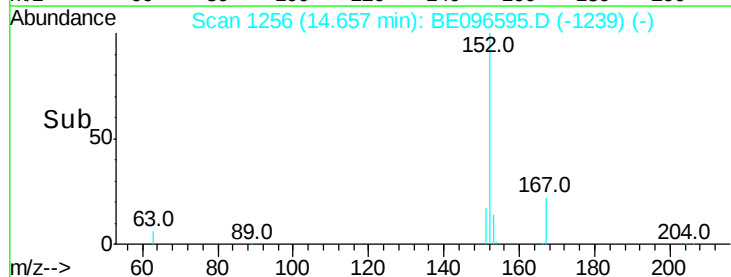
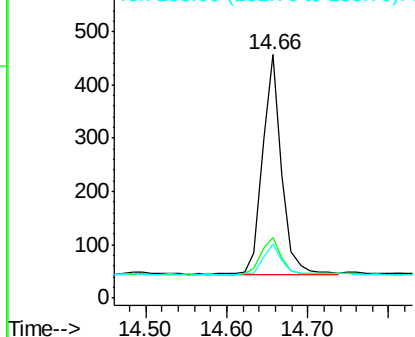


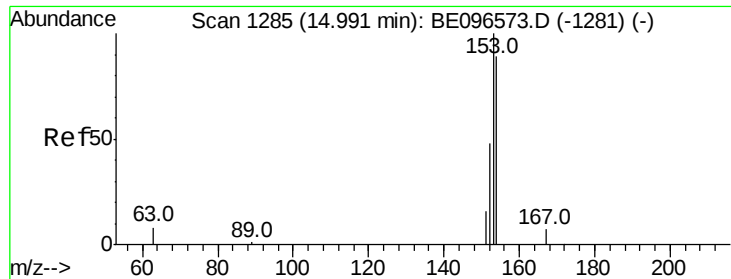
#16
Acenaphthylene
Concen: 0.082 ng
RT: 14.66 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:152 Resp: 681
Ion Ratio Lower Upper
152 100
151 17.3 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

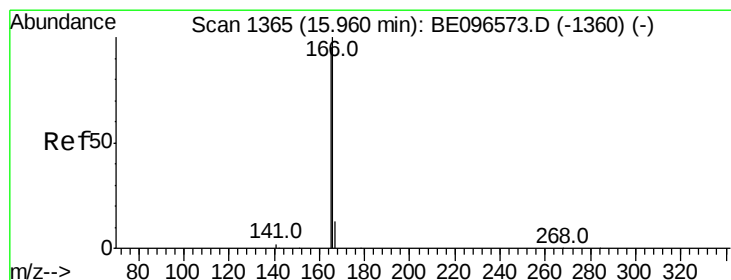
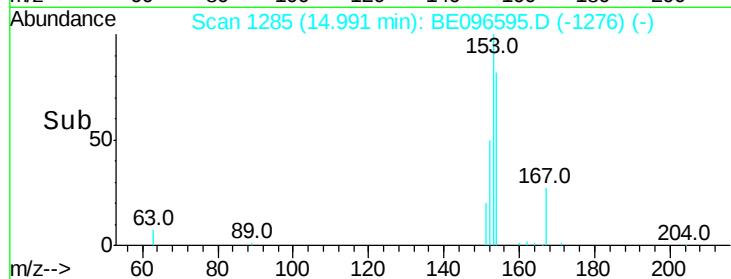
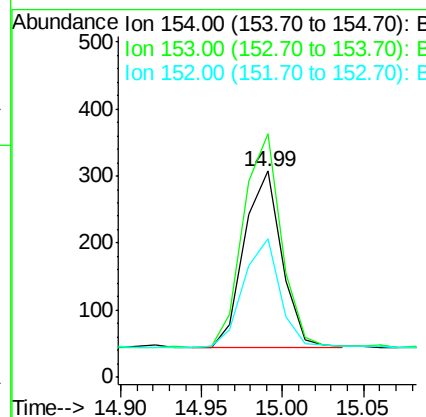
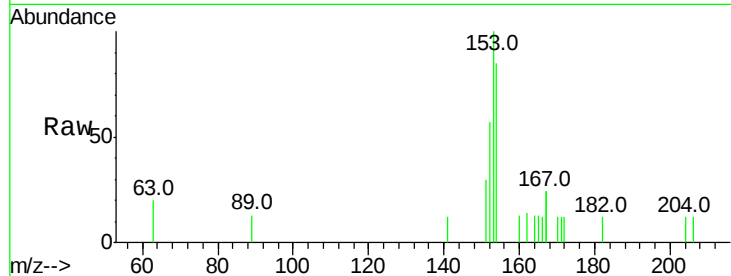




#17
Acenaphthene
Concen: 0.084 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

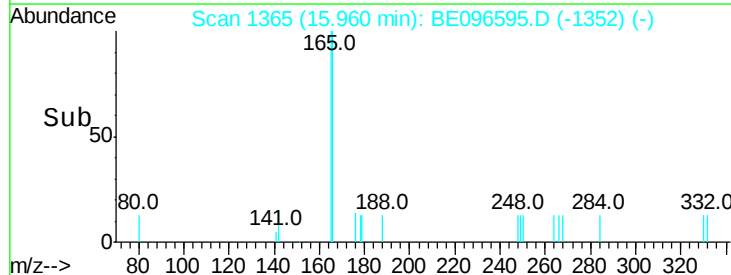
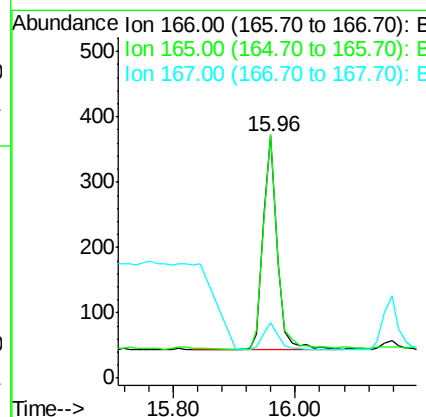
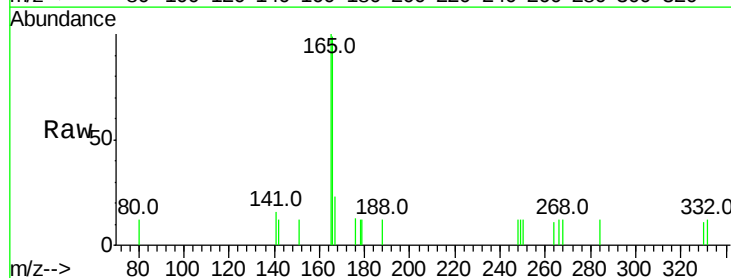
Instrument :
BNA_E
ClientSampleId :

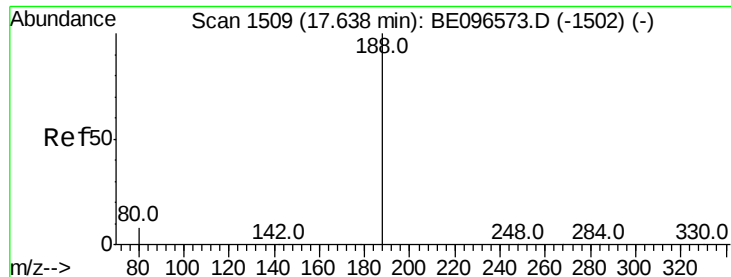
Tot Ion:154 Resp: 426
Ion Ratio Lower Upper
154 100
153 122.8 89.2 133.8
152 61.7 42.0 63.0



#18
Fluorene
Concen: 0.105 ng
RT: 15.96 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion:166 Resp: 663
Ion Ratio Lower Upper
166 100
165 80.4 77.8 116.6
167 11.5 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.64 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampleId :

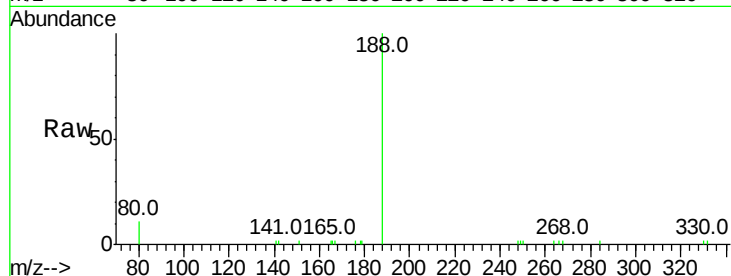
Tot Ion:188 Resp: 3544

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

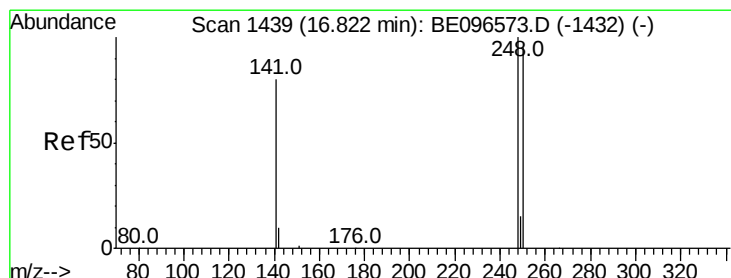
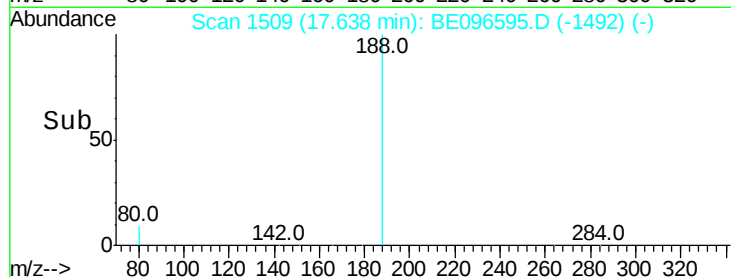
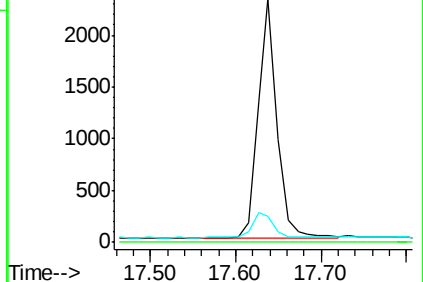
80 10.7 3.6 5.4#



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: 0.079 ng

RT: 16.82 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

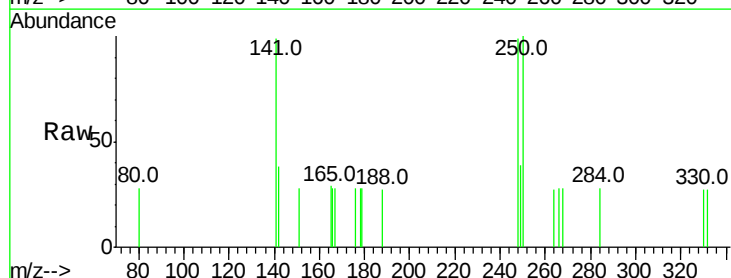
Tgt Ion:248 Resp: 170

Ion Ratio Lower Upper

248 100

250 100.6 62.7 94.1#

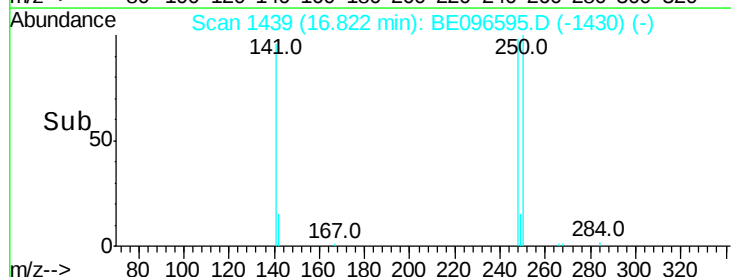
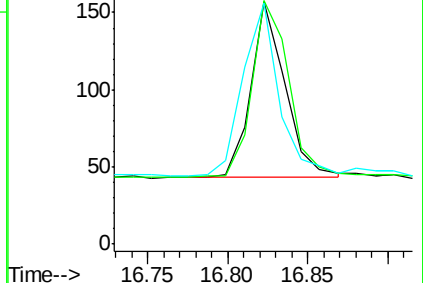
141 99.4 48.2 72.2#

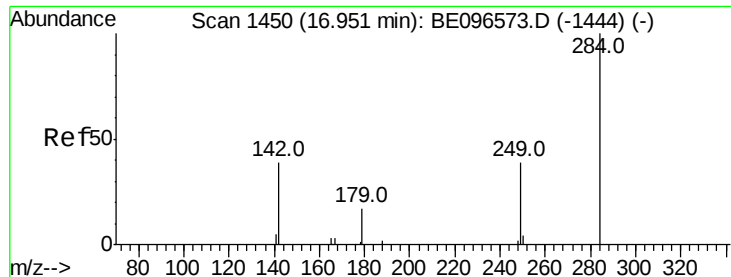


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.088 ng

RT: 16.95 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampled :

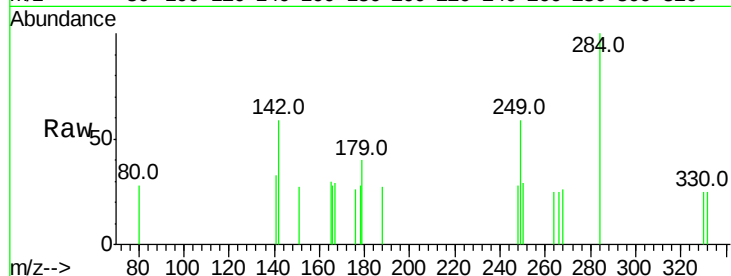
Tot Ion:284 Resp: 197

Ion Ratio Lower Upper

284 100

142 43.7 22.1 33.1#

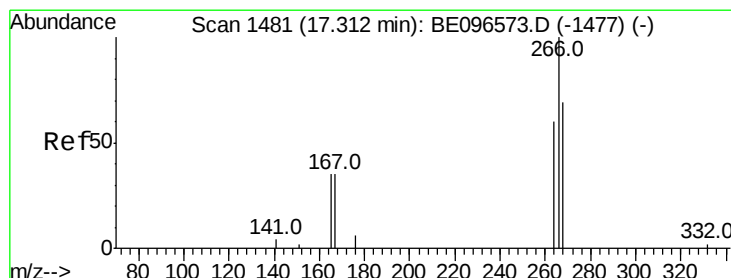
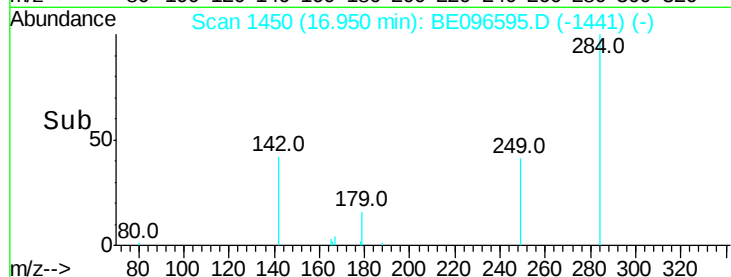
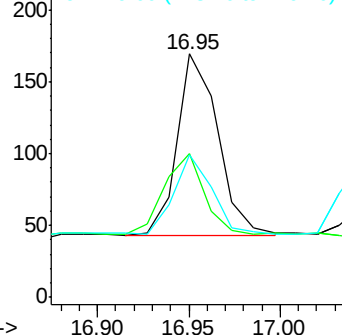
249 40.6 34.8 52.2



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: 0.202 ng

RT: 17.34 min Scan# 1483

Delta R.T. 0.02 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

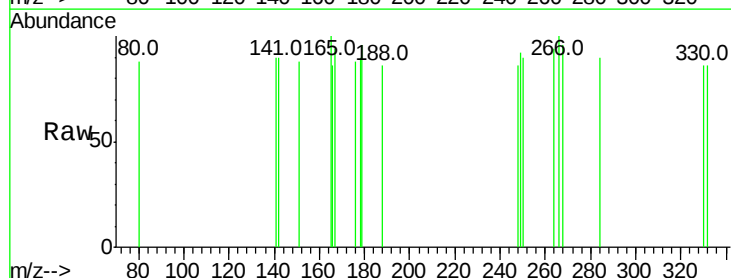
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 94.0 72.5 108.7

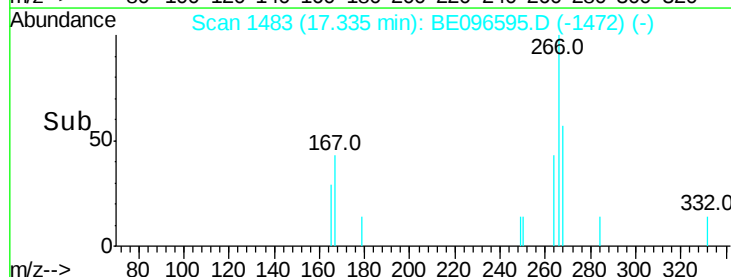
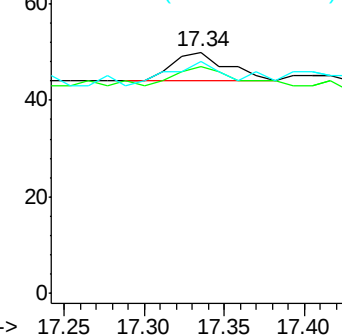
268 96.0 73.8 110.6

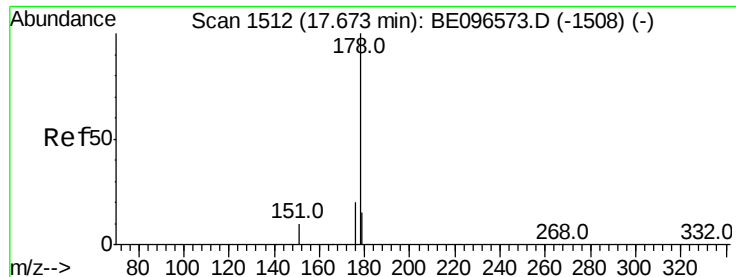


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.085 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampleId :

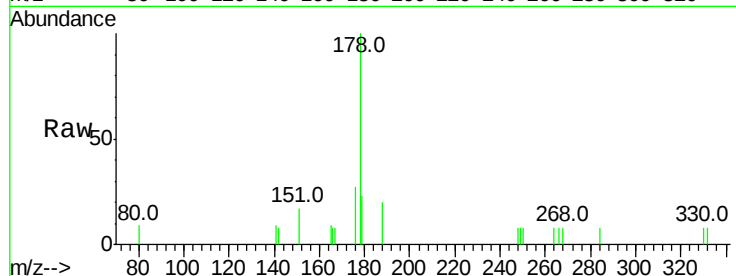
Tot Ion:178 Resp: 844

Ion Ratio Lower Upper

178 100

176 20.7 15.1 22.7

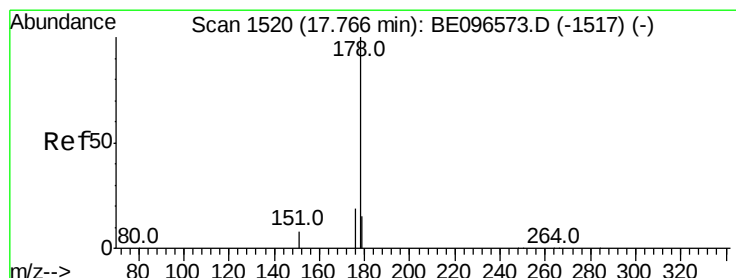
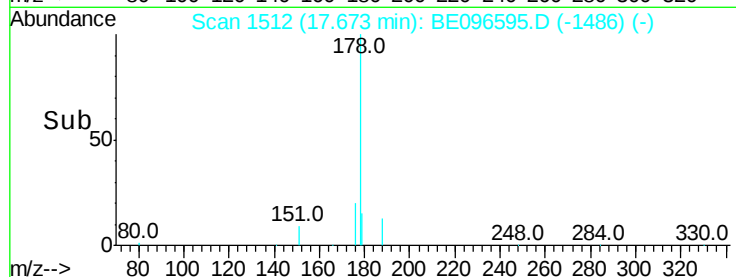
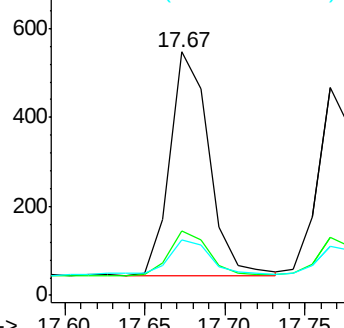
179 15.5 11.8 17.6



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: 0.077 ng

RT: 17.77 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

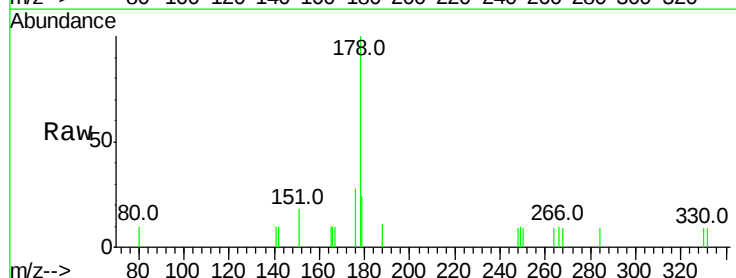
Tgt Ion:178 Resp: 712

Ion Ratio Lower Upper

178 100

176 19.7 12.8 19.2#

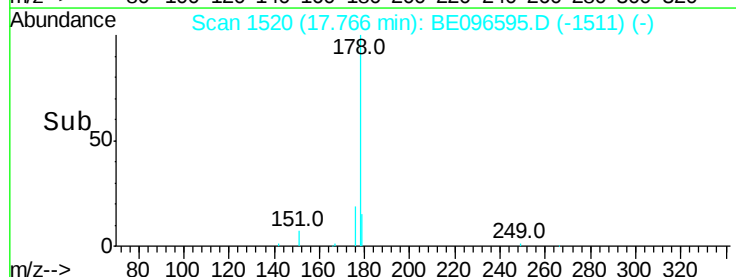
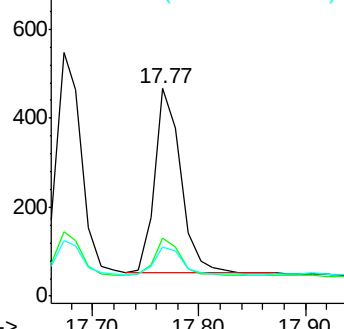
179 16.9 13.0 19.6

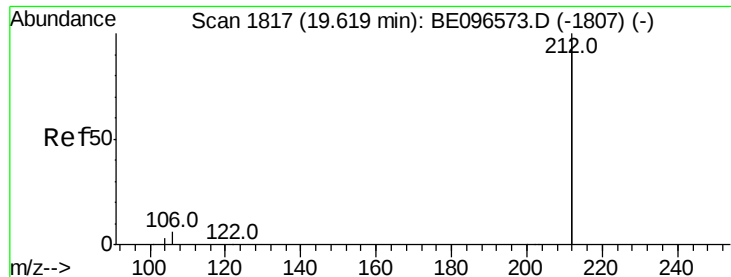


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.363 ng

RT: 19.62 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampleId :

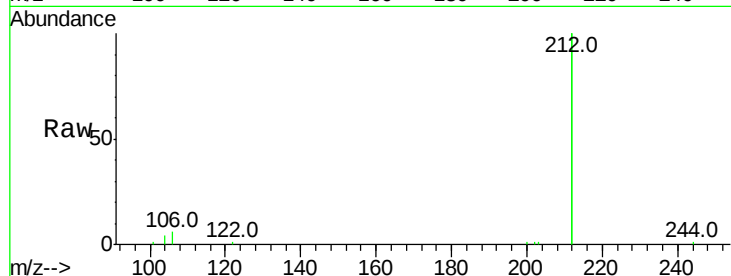
Tot Ion:212 Resp: 15722

Ion Ratio Lower Upper

212 100

106 2.7 2.8 4.2#

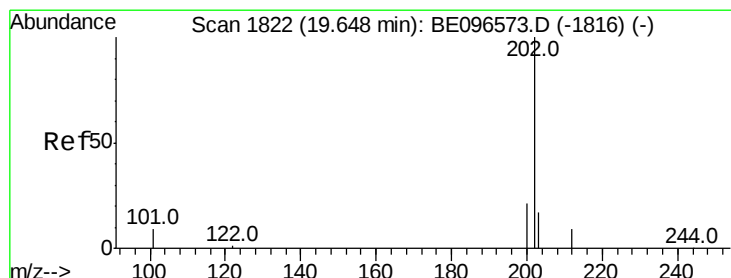
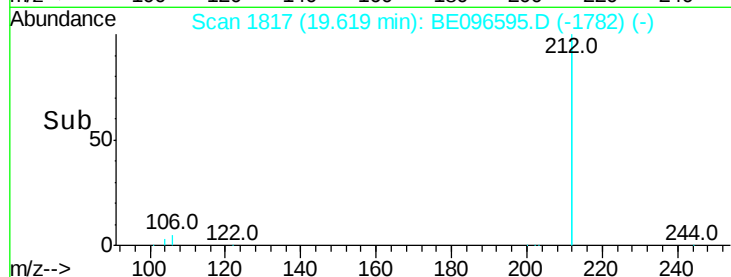
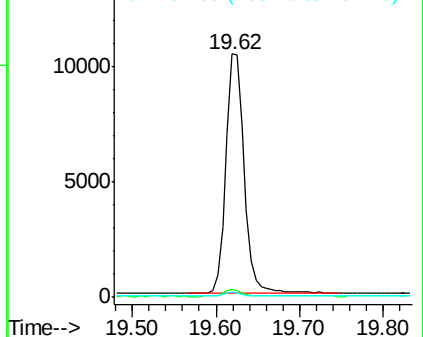
104 1.7 1.6 2.4



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: 0.085 ng

RT: 19.65 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

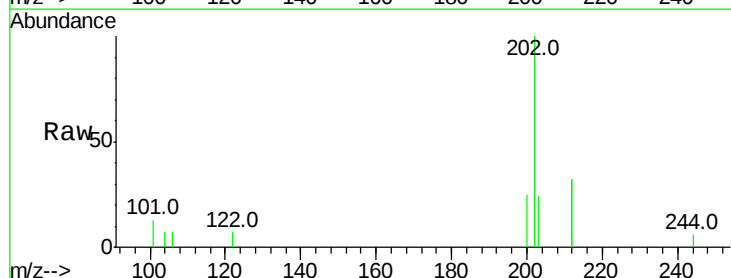
Tgt Ion:202 Resp: 1012

Ion Ratio Lower Upper

202 100

101 10.9 9.8 14.8

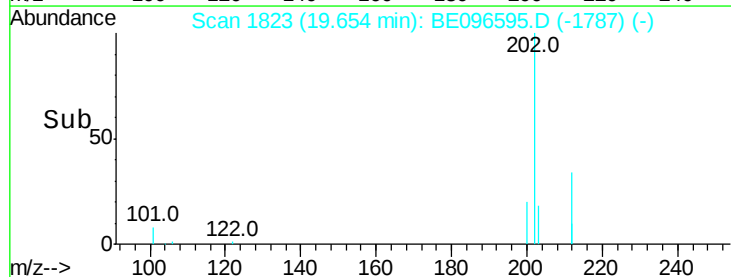
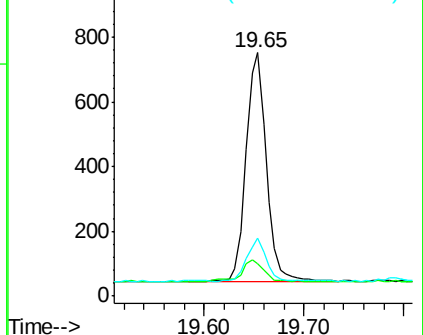
203 17.7 13.7 20.5

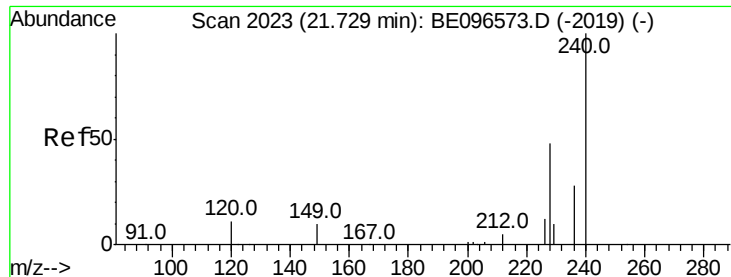


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.74 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampleId :

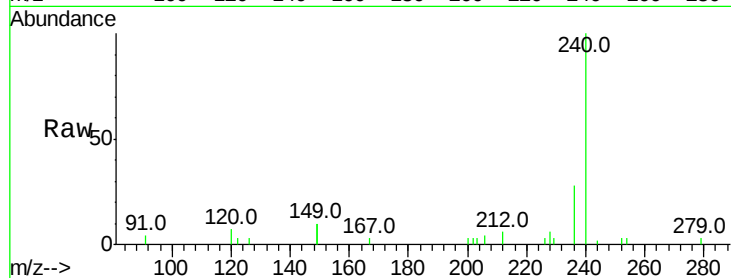
Tot Ion:240 Resp: 3387

Ion Ratio Lower Upper

240 100

120 7.0 5.5 8.3

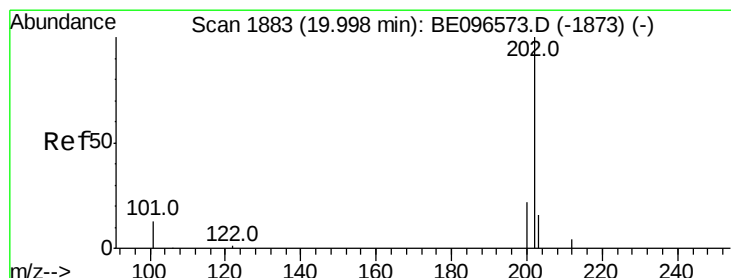
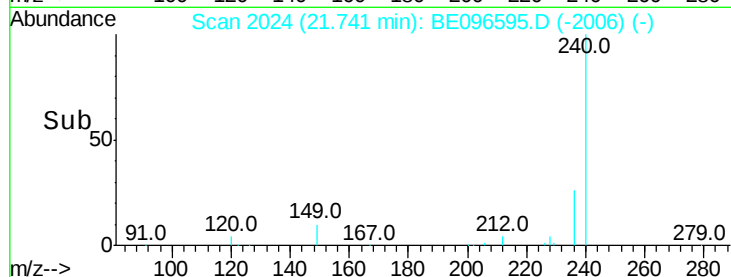
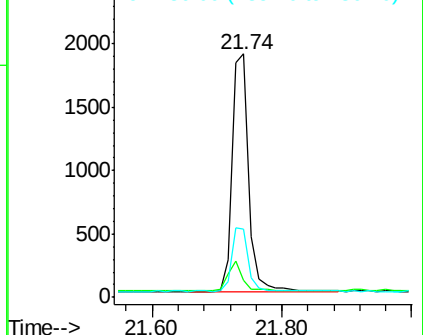
236 27.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.063 ng

RT: 20.00 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

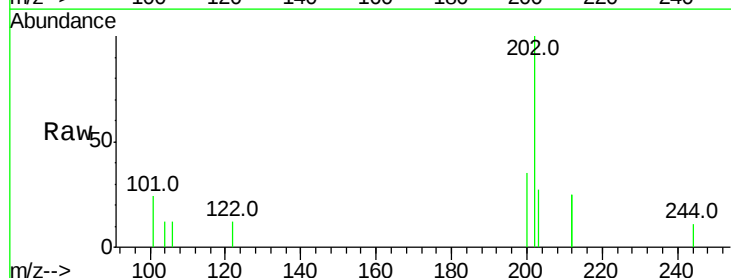
Tgt Ion:202 Resp: 388

Ion Ratio Lower Upper

202 100

200 28.6 16.6 25.0#

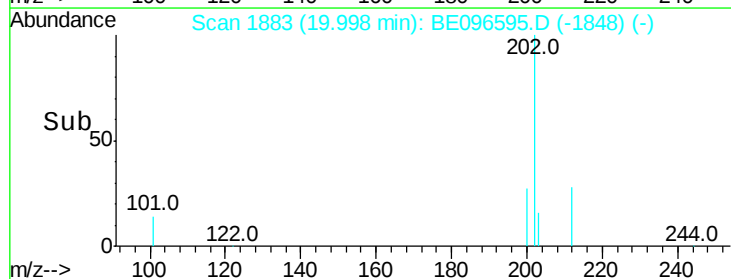
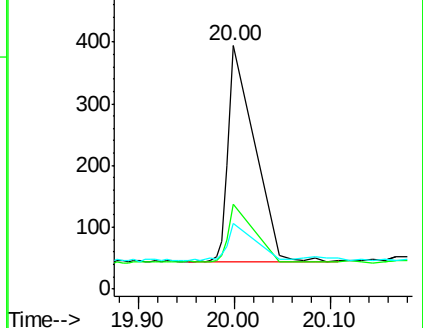
203 18.6 13.8 20.8

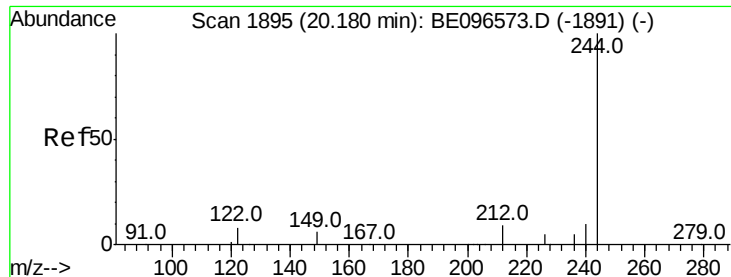


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.319 ng

RT: 20.18 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampleId :

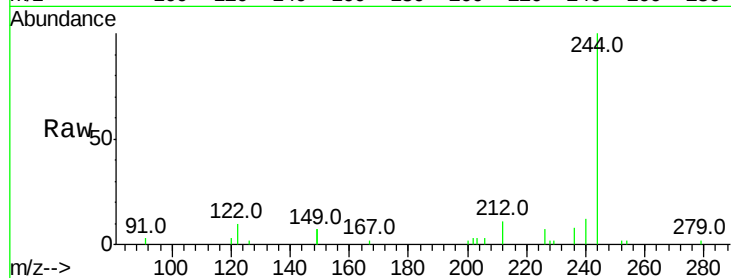
Tot Ion:244 Resp: 2444

Ion Ratio Lower Upper

244 100

212 11.4 25.4 38.0#

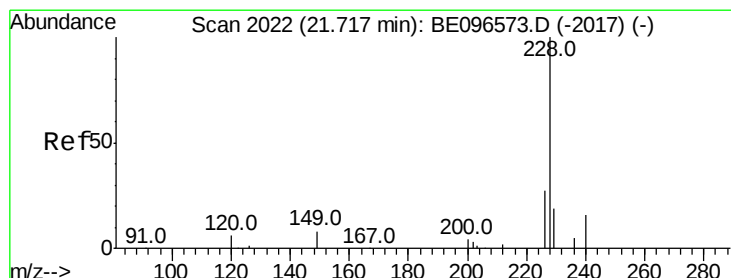
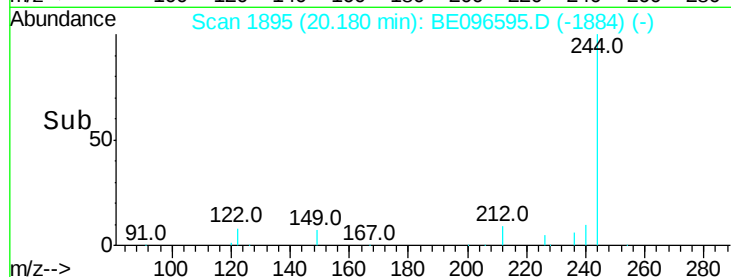
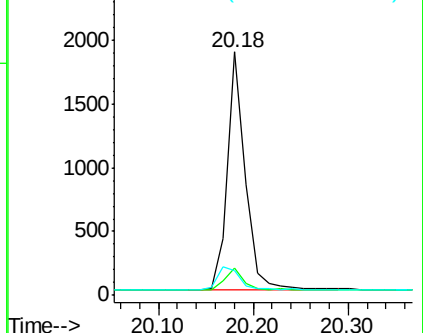
122 10.3 8.1 12.1



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: 0.082 ng

RT: 21.72 min Scan# 222

Delta R.T. 0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

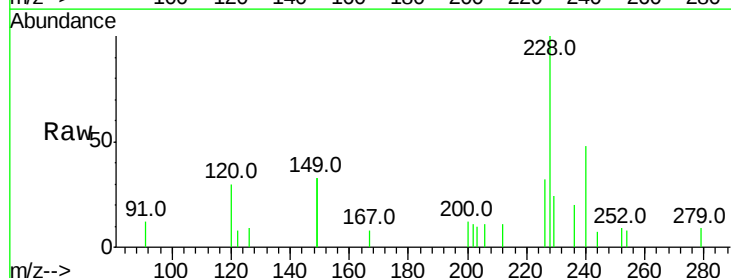
Tgt Ion:228 Resp: 856

Ion Ratio Lower Upper

228 100

226 32.3 24.0 36.0

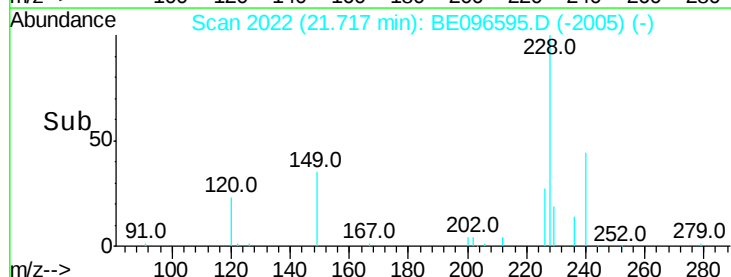
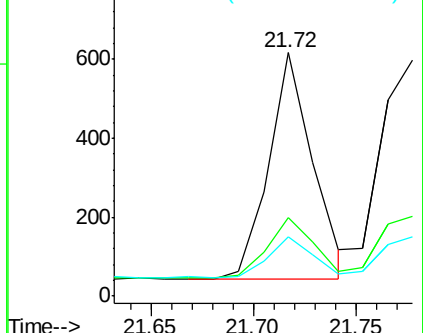
229 24.5 16.0 24.0#

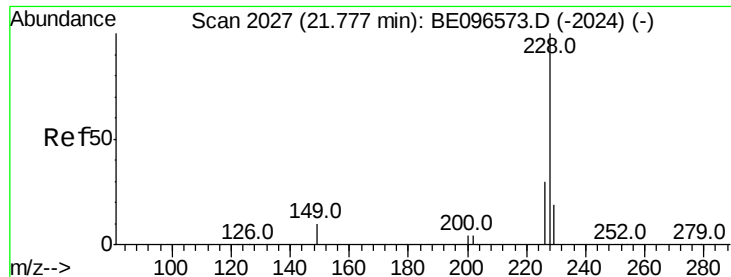


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.089 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampleId :

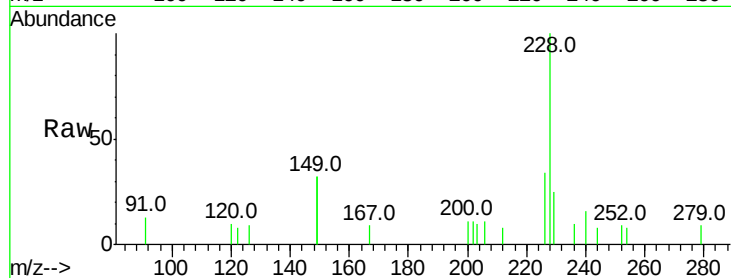
Tot Ion:228 Resp: 960

Ion Ratio Lower Upper

228 100

226 34.2 24.0 36.0

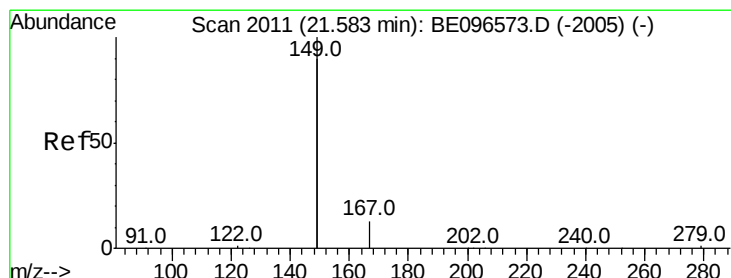
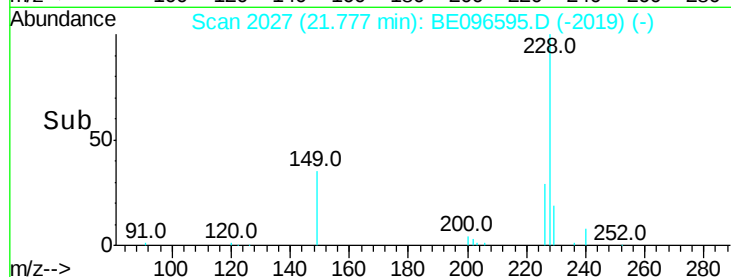
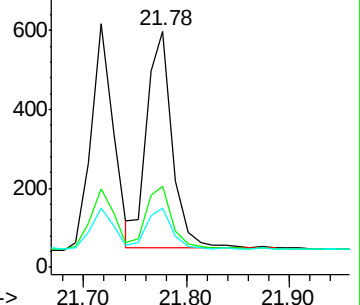
229 25.0 16.0 24.0#



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: 0.078 ng

RT: 21.58 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

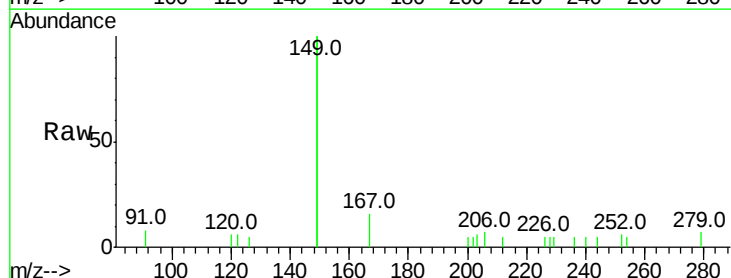
Tgt Ion:149 Resp: 1749

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

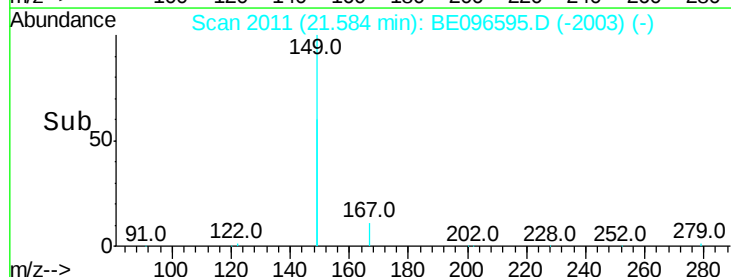
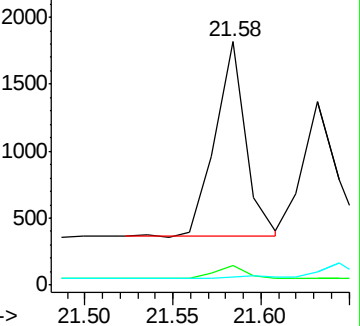
279 0.0 0.7 1.1#

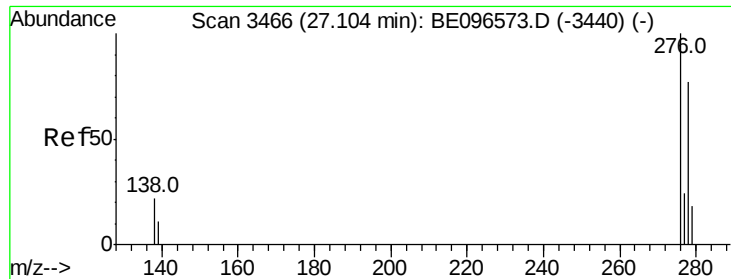


Abundance Ion 149.00 (148.70 to 149.70): E

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: 27.10 min Scan# 3466

Delta R.T. 0.00 min

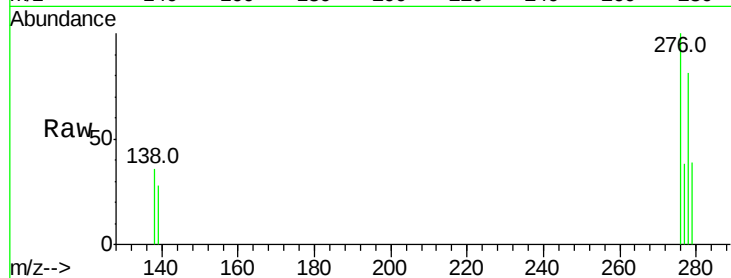
Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampleId :



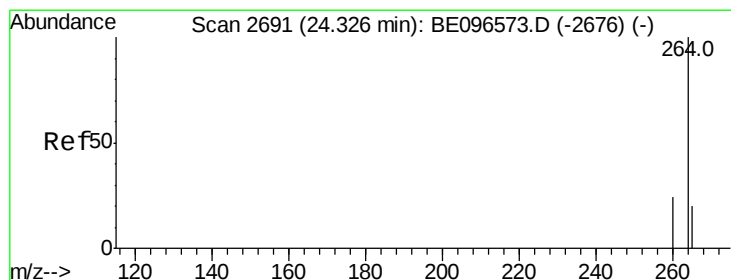
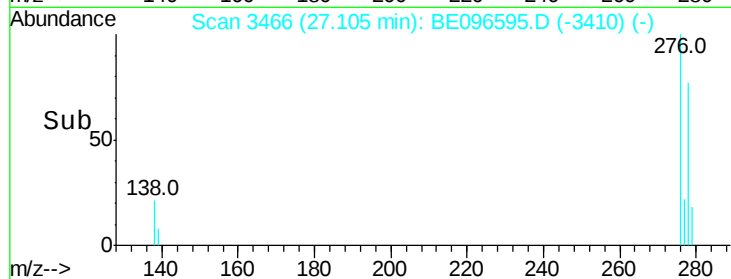
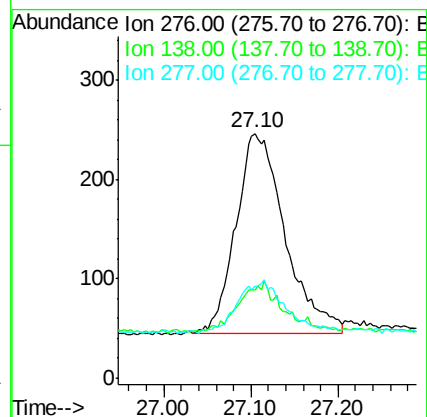
Tot Ion:276 Resp: 787

Ion Ratio Lower Upper

276 100

138 20.8 22.5 33.7#

277 25.5 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.33 min Scan# 2692

Delta R.T. 0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

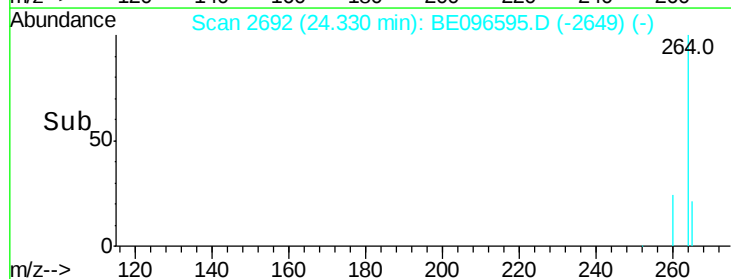
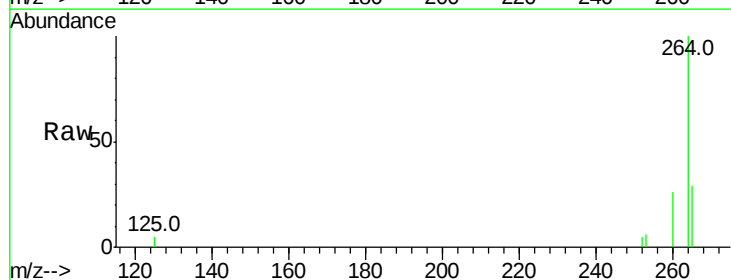
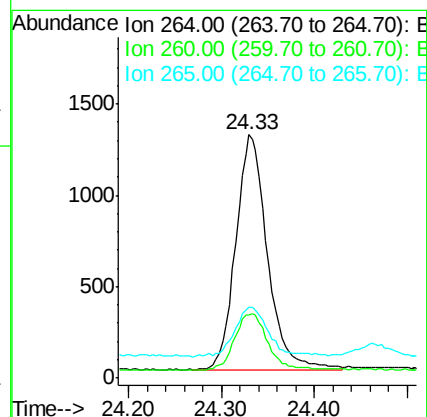
Tgt Ion:264 Resp: 3050

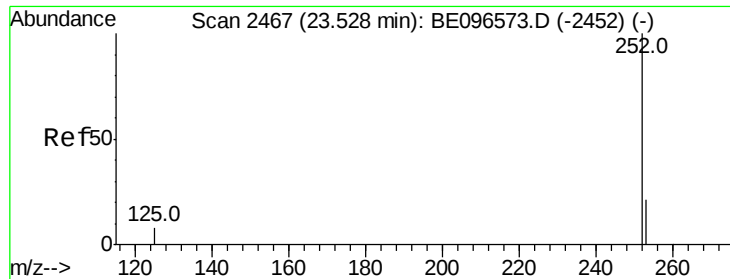
Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

265 29.3 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.086 ng

RT: 23.53 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampleId :

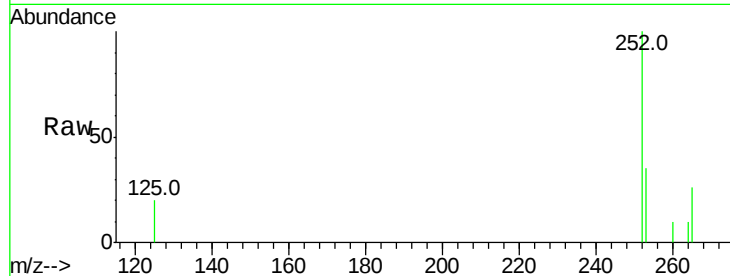
Tot Ion:252 Resp: 811

Ion Ratio Lower Upper

252 100

253 35.1 20.0 30.0#

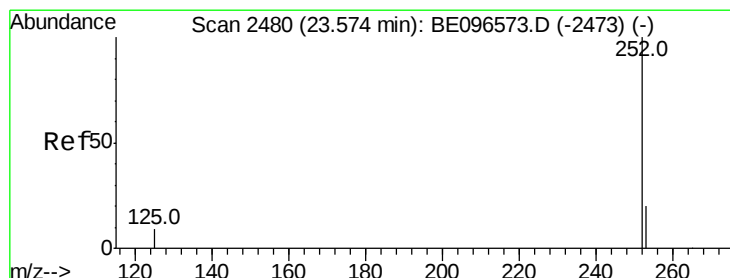
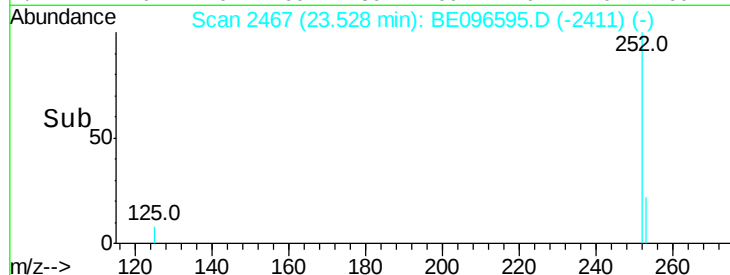
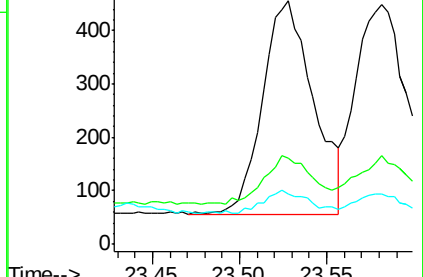
125 20.4 16.0 24.0



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: 0.080 ng

RT: 23.58 min Scan# 2482

Delta R.T. 0.01 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

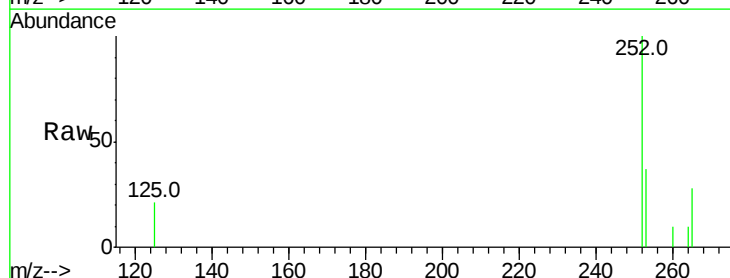
Tgt Ion:252 Resp: 799

Ion Ratio Lower Upper

252 100

253 36.7 16.0 24.0#

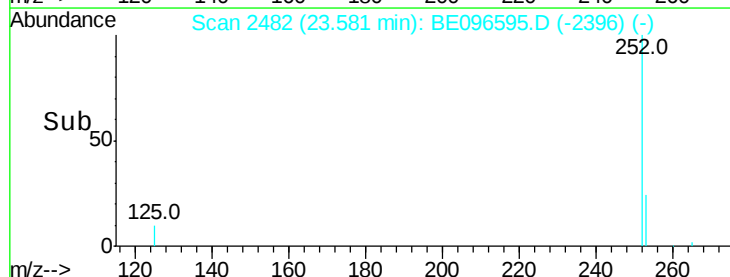
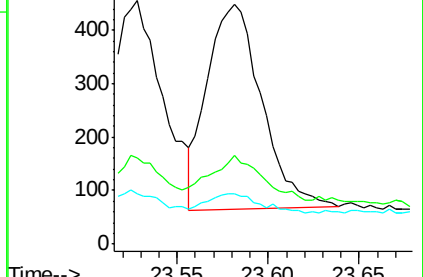
125 21.2 8.0 12.0#

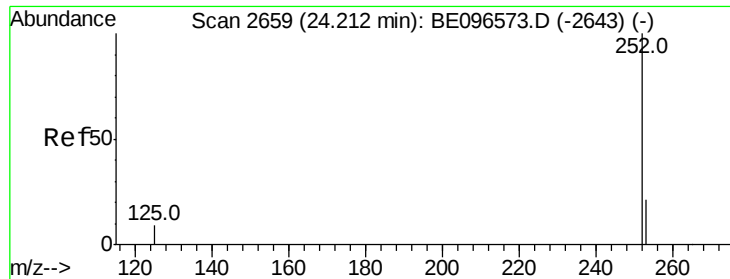


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.083 ng

RT: 24.22 min Scan# 2660

Delta R.T. 0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampleId :

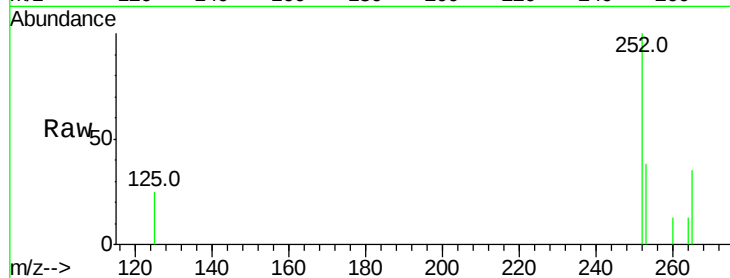
Tot Ion:252 Resp: 746

Ion Ratio Lower Upper

252 100

253 38.0 16.0 24.0#

125 24.6 12.0 18.0#

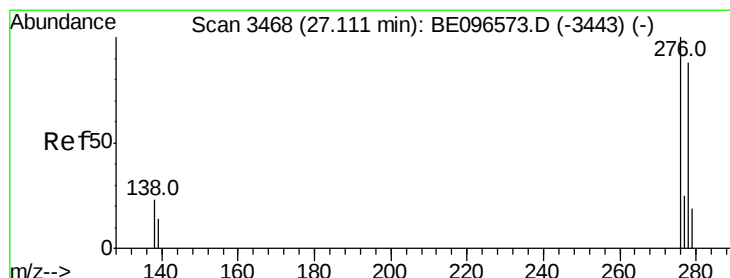
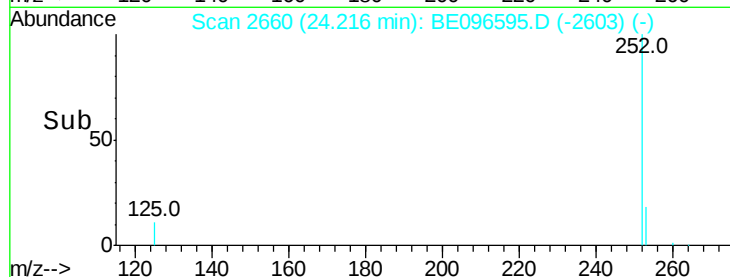
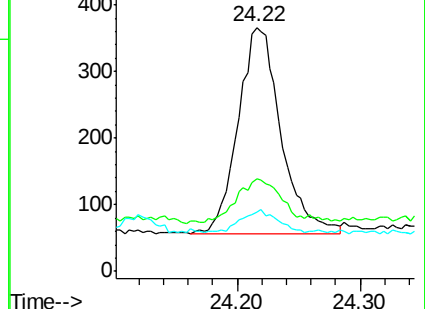


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



#38

Dibenzo(a,h)anthracene

Concen: 0.030 ng

RT: 27.11 min Scan# 3467

Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

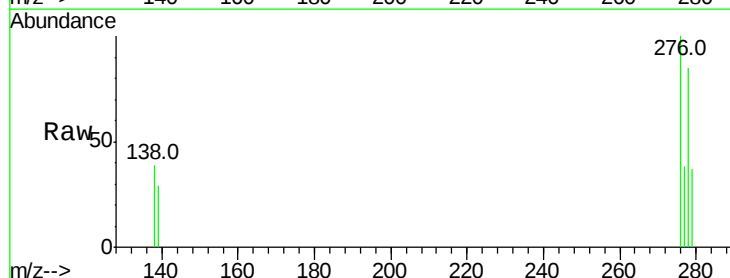
Tgt Ion:278 Resp: 246

Ion Ratio Lower Upper

278 100

139 33.7 16.0 24.0#

279 43.4 20.0 30.0#

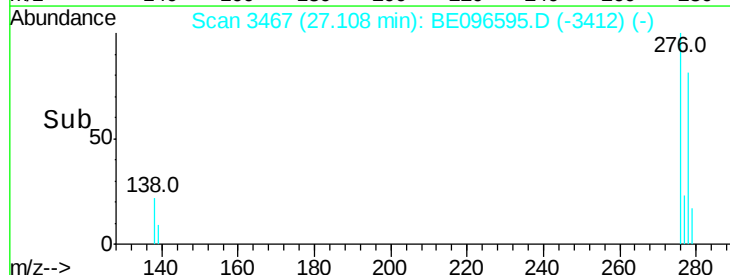
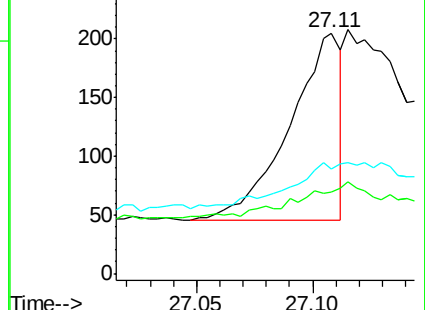


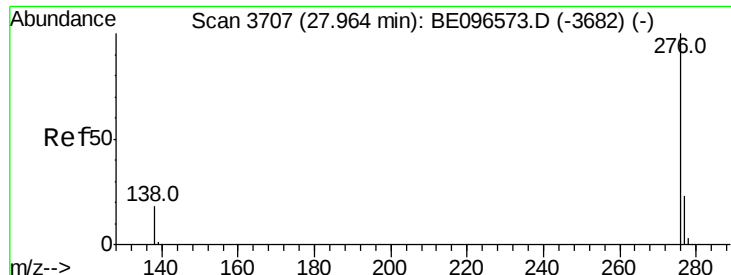
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#39

Benzo(a,h,i)perylene

Concen: 0.083 ng

RT: 27.96 min Scan# 3707

Delta R.T. 0.00 min

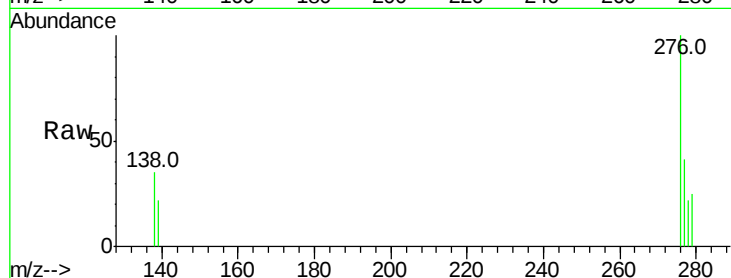
Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampleId :



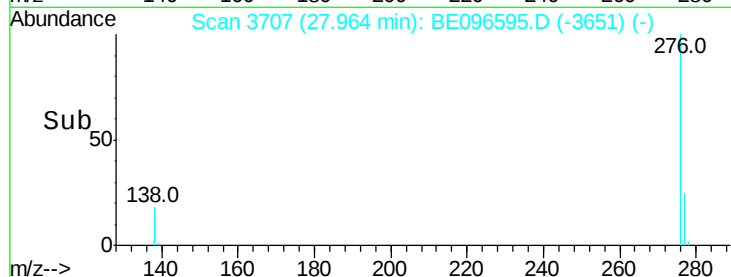
Tot Ion: 276 Resp: 718

Ion Ratio Lower Upper

276 100

277 40.6 16.0 24.0#

138 35.3 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

