

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
 Data File : BE096571.D
 Acq On : 15 May 2018 9:10
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: May 15 11:48:26 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 11:46:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	663	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2653	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1561	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3578	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3361	0.40	ng	0.00
34) Perylene-d12	24.33	264	3183	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.86	112	192	0.09	ng	0.00
5) Phenol-d6	7.51	99	240	0.08	ng	0.00
8) Nitrobenzene-d5	9.54	82	267	0.09	ng	0.01
11) 2-Methylnaphthalene-d10	12.72	152	441	0.10	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	52	0.07	ng	0.01
15) 2-Fluorobiphenyl	13.56	172	690	0.10	ng	0.00
25) Fluoranthene-d10	19.62	212	4383	0.09	ng	0.00
29) Terphenyl-d14	20.18	244	771	0.10	ng	0.00

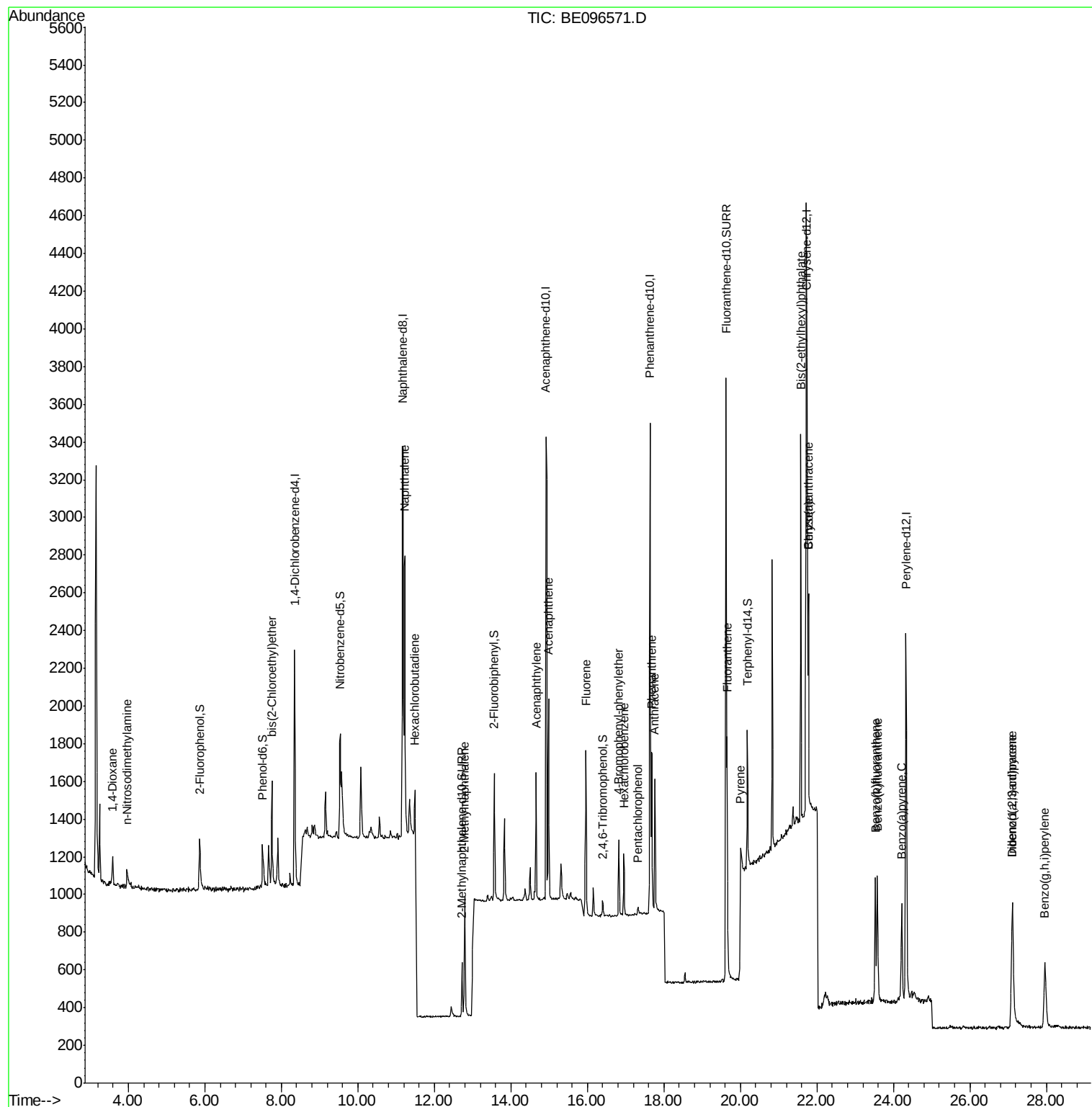
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	114	0.111	ng	98
3) n-Nitrosodimethylamine	3.96	42	106	0.084	ng	# 66
6) bis(2-Chloroethyl)ether	7.75	93	246	0.099	ng	80
9) Naphthalene	11.23	128	2837	0.101	ng	# 94
10) Hexachlorobutadiene	11.49	225	179	0.144	ng	# 82
12) 2-Methylnaphthalene	12.79	142	483	0.104	ng	# 92
16) Acenaphthylene	14.66	152	812	0.097	ng	99
17) Acenaphthene	14.99	154	513	0.102	ng	92
18) Fluorene	15.96	166	615	0.099	ng	# 76
20) 4-Bromophenyl-phenylether	16.82	248	215	0.101	ng	# 68
21) Hexachlorobenzene	16.95	284	234	0.111	ng	# 85
22) Pentachlorophenol	17.32	266	45	0.065	ng	93
23) Phenanthrene	17.68	178	1000	0.099	ng	99
24) Anthracene	17.76	178	899	0.094	ng	96
26) Fluoranthene	19.65	202	1186	0.090	ng	97
28) Pyrene	20.00	202	469	0.071	ng	# 89
30) Benzo(a)anthracene	21.78	228	1148	0.107	ng	94
31) Chrysene	21.78	228	1140	0.110	ng	94
32) Bis(2-ethylhexyl)phthalate	21.58	149	2400	0.086	ng	99
33) Indeno(1,2,3-cd)pyrene	27.11	276	1027	0.102	ng	# 81
35) Benzo(b)fluoranthene	23.53	252	975	0.102	ng	# 87
36) Benzo(k)fluoranthene	23.58	252	1063	0.108	ng	# 71
37) Benzo(a)pyrene	24.22	252	925	0.101	ng	# 77
38) Dibenzo(a,h)anthracene	27.12	278	794	0.098	ng	# 71
39) Benzo(g,h,i)perylene	27.96	276	894	0.104	ng	# 71

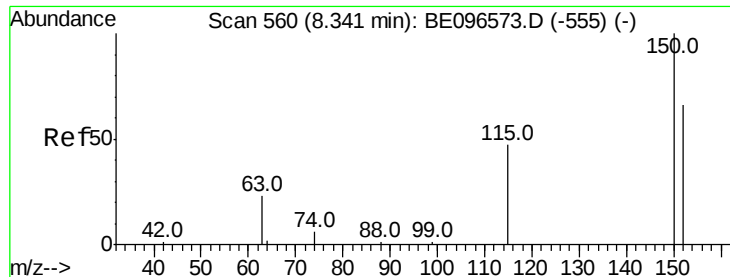
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE096571.D

Acq: 15 May 2018 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

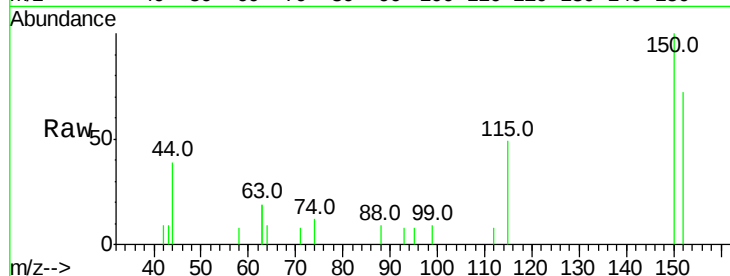
Tot Ion:152 Resp: 663

Ion Ratio Lower Upper

152 100

150 139.8 117.2 175.8

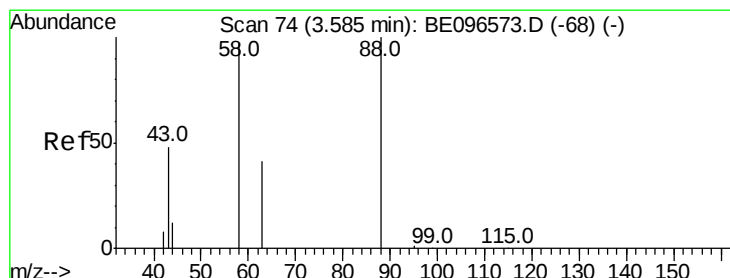
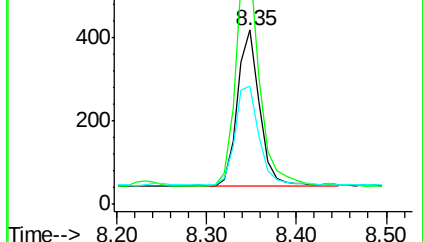
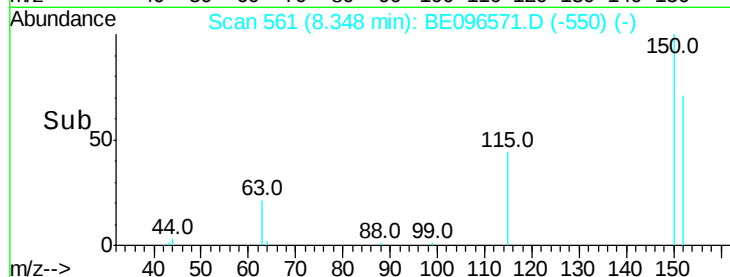
115 68.1 57.0 85.6



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: 0.111 ng

RT: 3.59 min Scan# 75

Delta R.T. 0.01 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

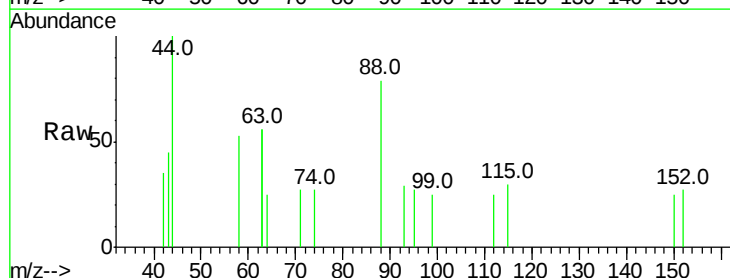
Tgt Ion: 88 Resp: 114

Ion Ratio Lower Upper

88 100

58 79.8 63.2 94.8

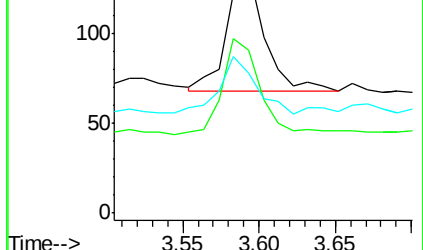
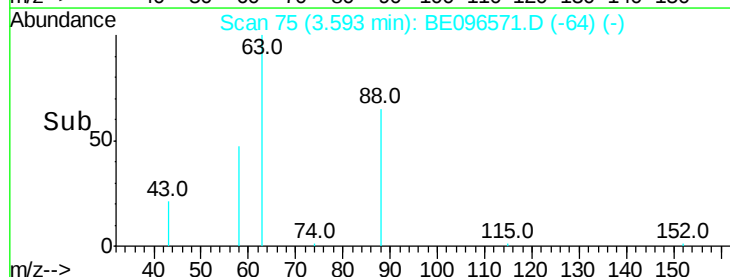
43 48.2 41.2 61.8

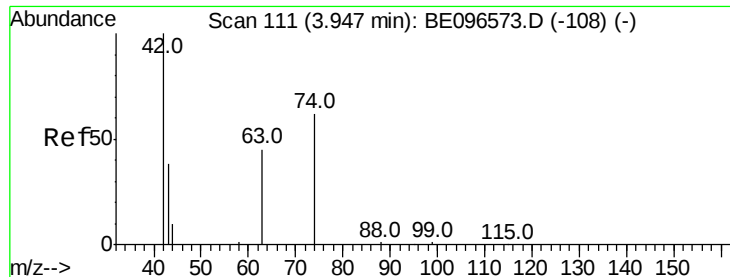


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



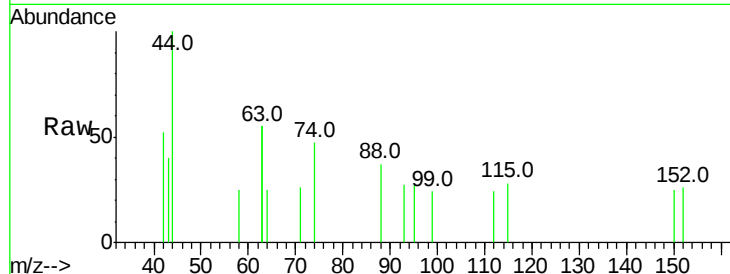


#3

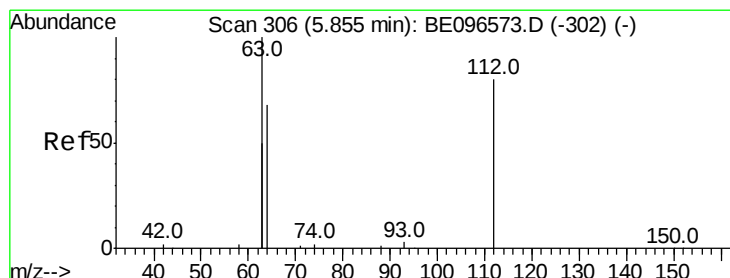
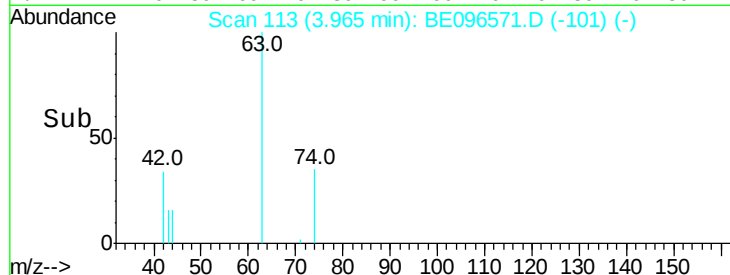
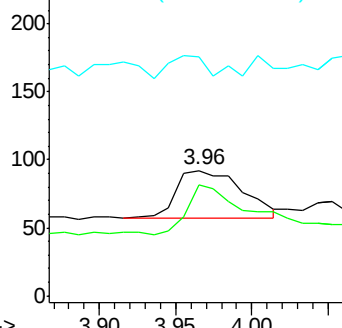
n-Nitrosodimethylamine
 Concen: 0.084 ng
 RT: 3.96 min Scan# 113
 Delta R.T. 0.02 min
 Lab File: BE096571.D
 Acq: 15 May 2018 9:10

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion: 42 Resp: 106
 Ion Ratio Lower Upper
 42 100
 74 81.1 96.0 144.0#
 44 25.5 12.0 18.0#



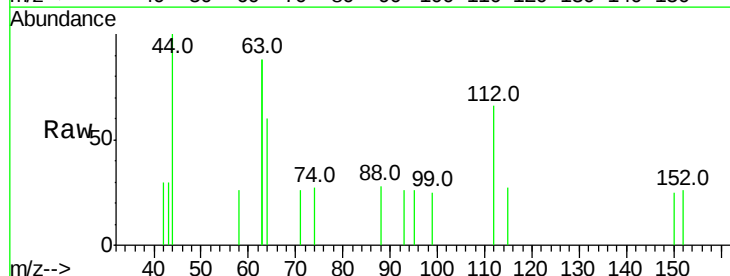
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



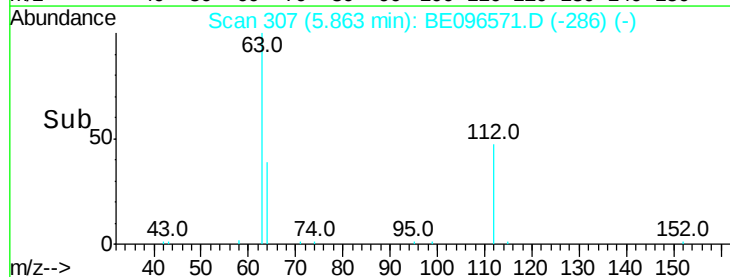
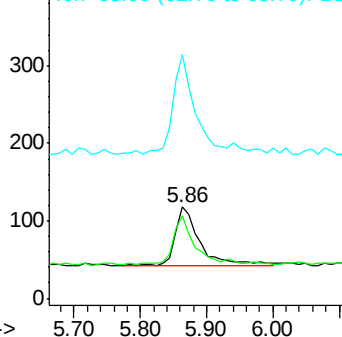
#4

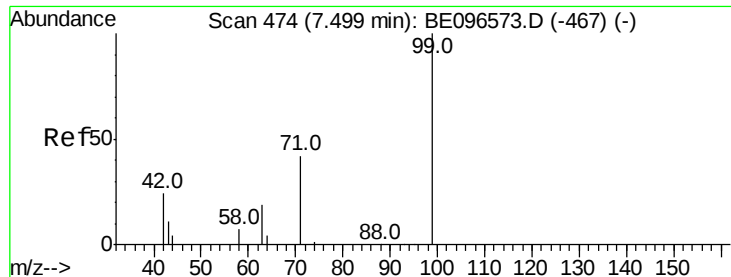
2-Fluorophenol
 Concen: 0.094 ng
 RT: 5.86 min Scan# 307
 Delta R.T. 0.01 min
 Lab File: BE096571.D
 Acq: 15 May 2018 9:10

Tgt Ion: 112 Resp: 192
 Ion Ratio Lower Upper
 112 100
 64 74.5 60.1 90.1
 63 153.6 116.8 175.2



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: 0.085 ng

RT: 7.51 min Scan# 475

Delta R.T. 0.01 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

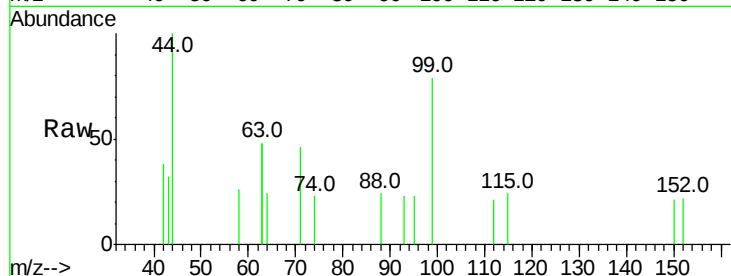
Tot Ion: 99 Resp: 240

Ion Ratio Lower Upper

99 100

42 27.1 20.2 30.2

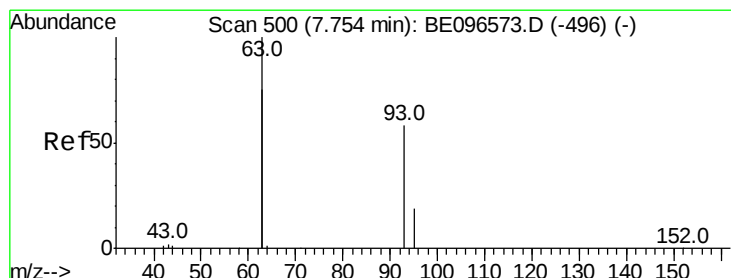
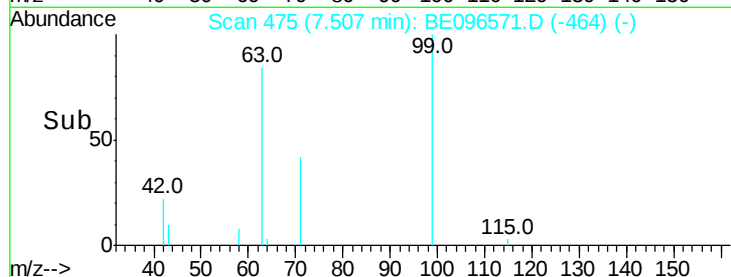
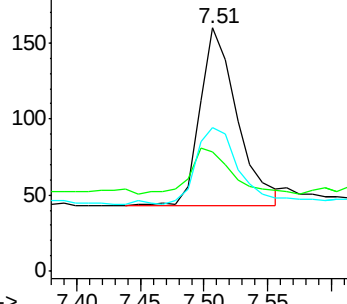
71 47.9 28.4 42.6#



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: 0.099 ng

RT: 7.75 min Scan# 500

Delta R.T. -0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

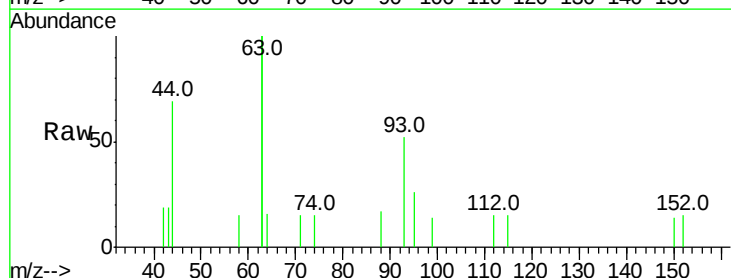
Tgt Ion: 93 Resp: 246

Ion Ratio Lower Upper

93 100

63 298.8 275.3 412.9

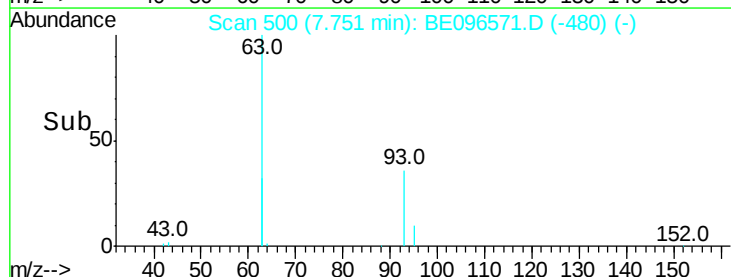
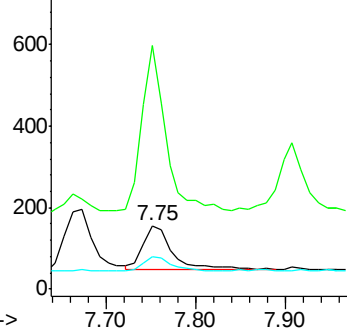
95 29.7 25.2 37.8

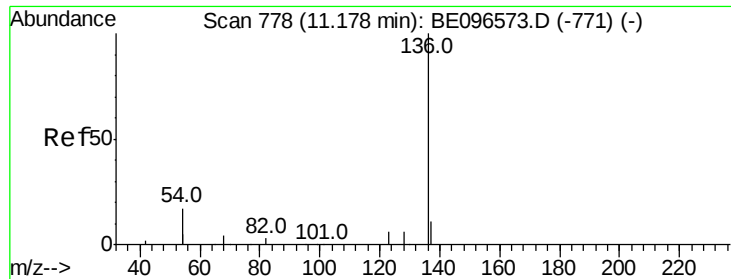


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE096571.D

Acq: 15 May 2018 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

Tot Ion:136 Resp: 2653

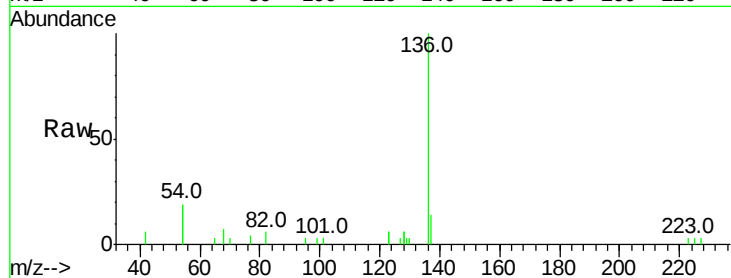
Ion Ratio Lower Upper

136 100

137 13.9 9.5 14.3

54 37.7 29.1 43.7

68 7.5 6.2 9.2

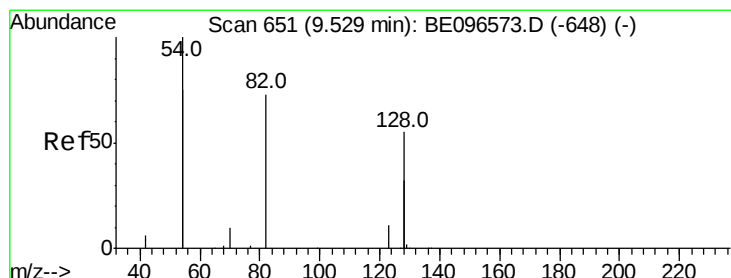
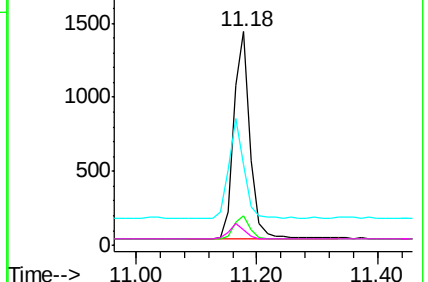
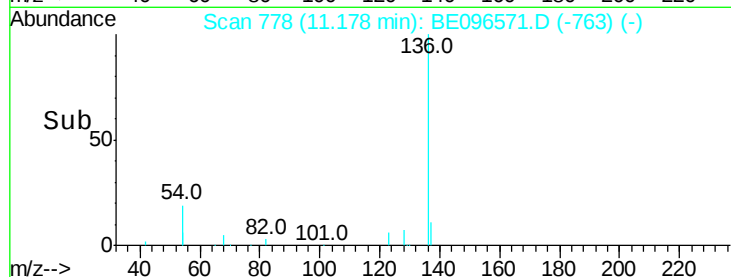


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.086 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.01 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

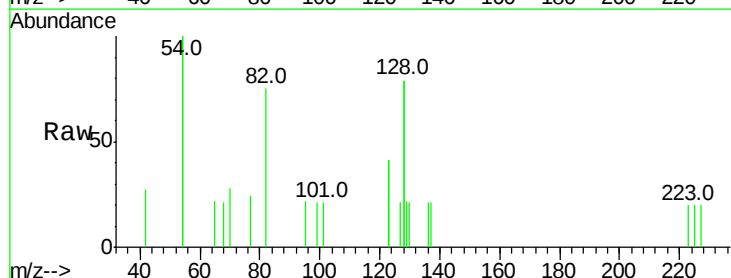
Tgt Ion: 82 Resp: 267

Ion Ratio Lower Upper

82 100

128 208.7 150.0 225.0

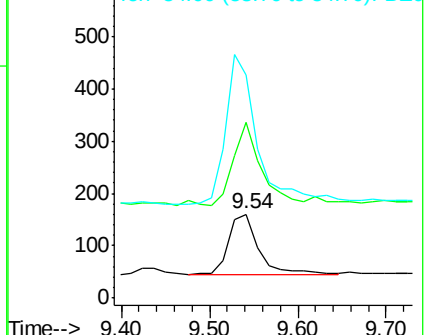
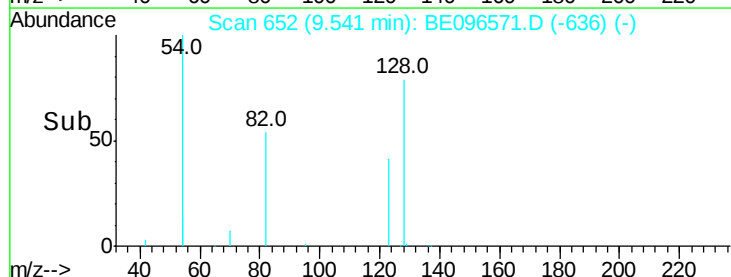
54 265.8 154.2 231.4#

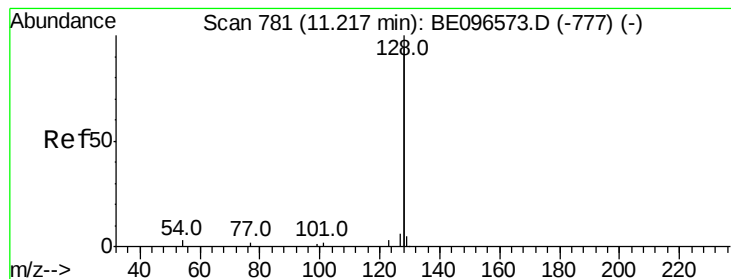


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.101 ng

RT: 11.23 min Scan# 782

Delta R.T. 0.01 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

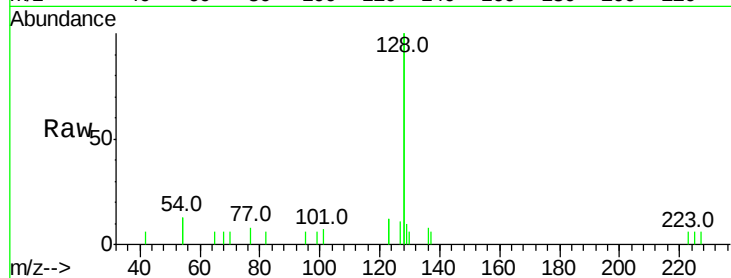
Tot Ion:128 Resp: 2837

Ion Ratio Lower Upper

128 100

129 5.2 2.6 3.8#

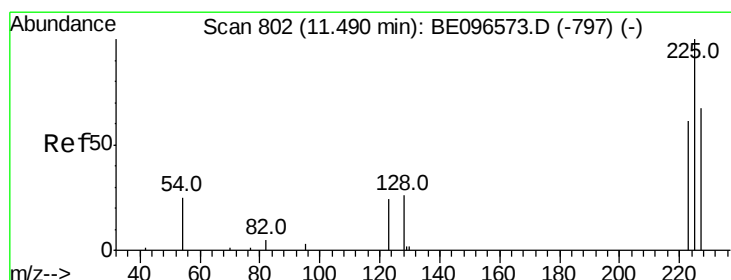
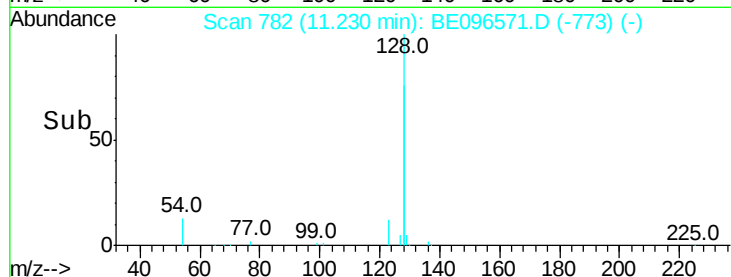
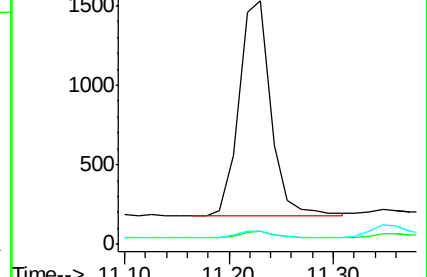
127 5.6 2.8 4.2#



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: 0.144 ng

RT: 11.49 min Scan# 802

Delta R.T. -0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

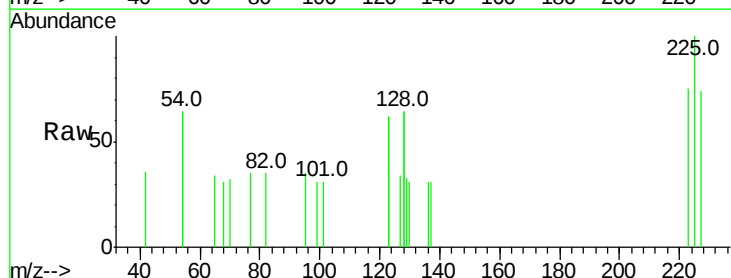
Tgt Ion:225 Resp: 179

Ion Ratio Lower Upper

225 100

223 49.7 53.0 79.6#

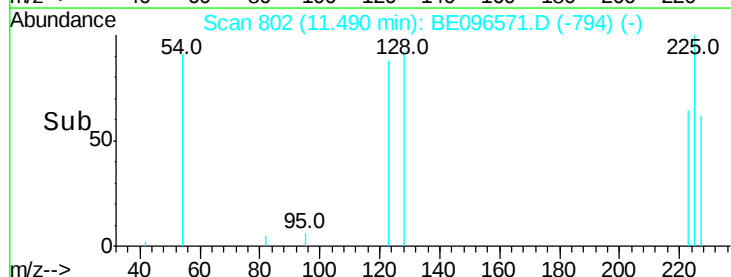
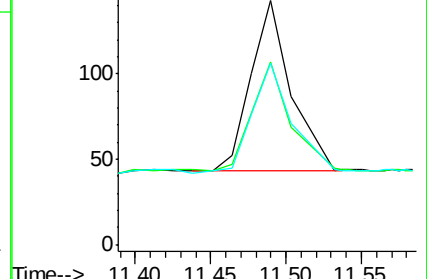
227 52.0 51.4 77.2

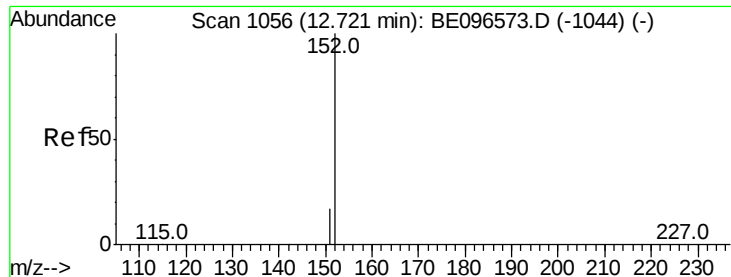


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

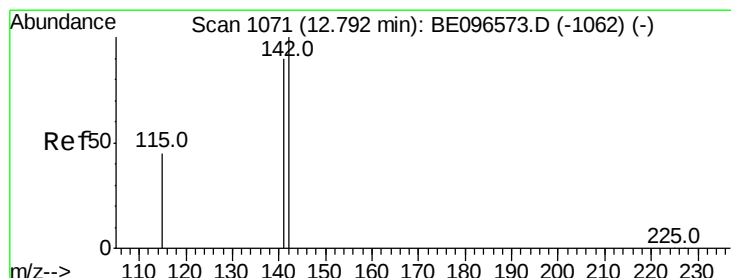
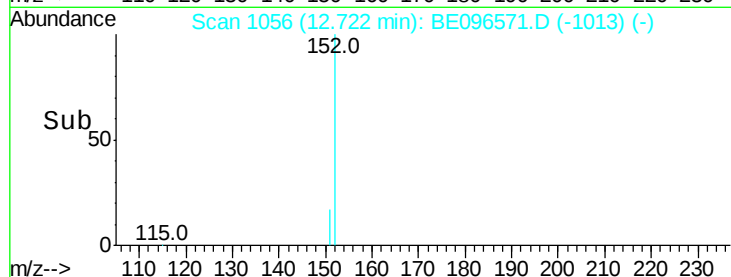
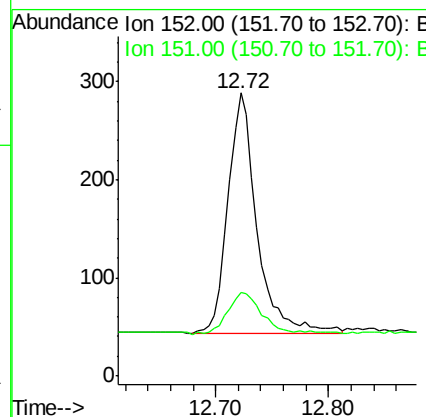
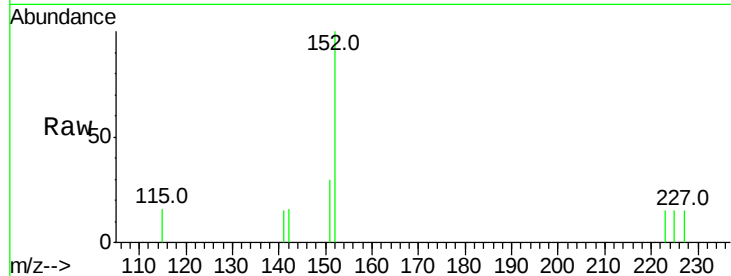




#11
2-Methylnaphthalene-d10
Concen: 0.105 ng
RT: 12.72 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BE096571.D
Acq: 15 May 2018 9:10

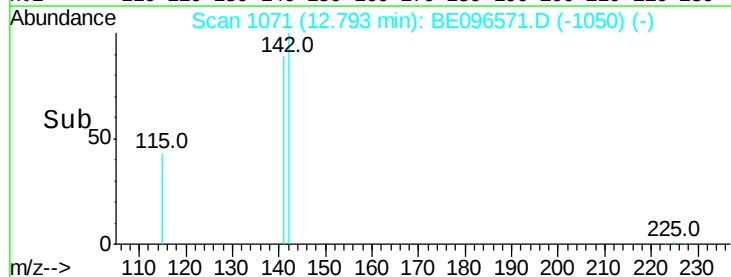
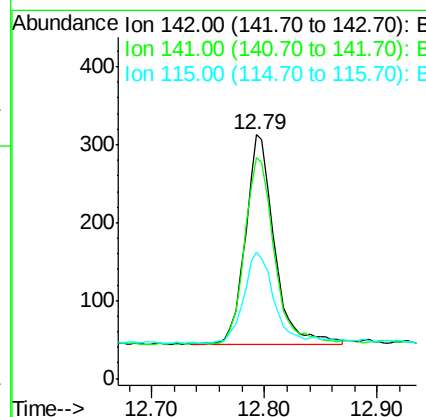
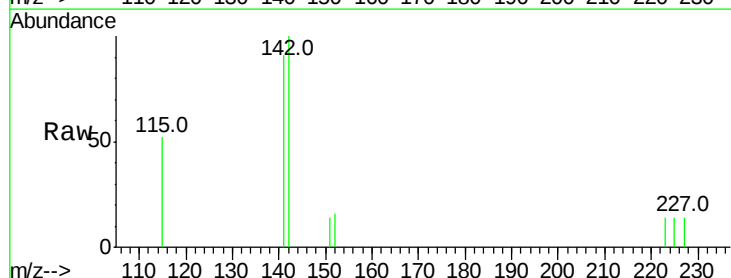
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

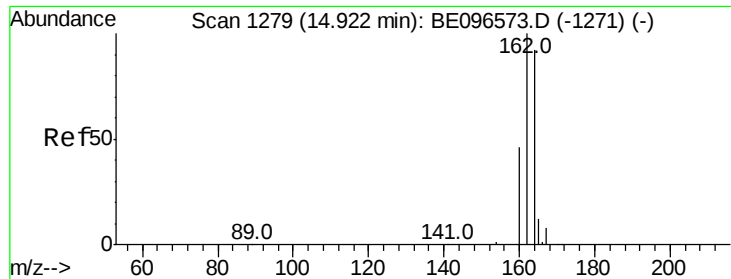
Tot Ion:152 Resp: 441
Ion Ratio Lower Upper
152 100
151 20.9 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.104 ng
RT: 12.79 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE096571.D
Acq: 15 May 2018 9:10

Tgt Ion:142 Resp: 483
Ion Ratio Lower Upper
142 100
141 90.7 70.4 105.6
115 51.8 31.7 47.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.92 min Scan# 1278

Delta R.T. -0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

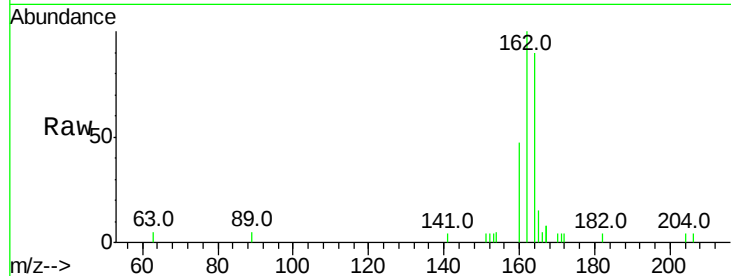
Tot Ion:164 Resp: 1561

Ion Ratio Lower Upper

164 100

162 111.4 83.1 124.7

160 52.8 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

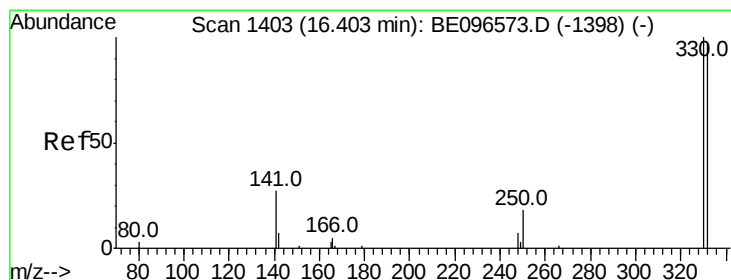
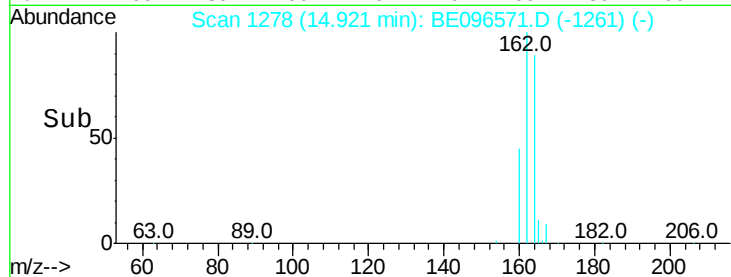
14.92

1000

500

0

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.069 ng

RT: 16.41 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

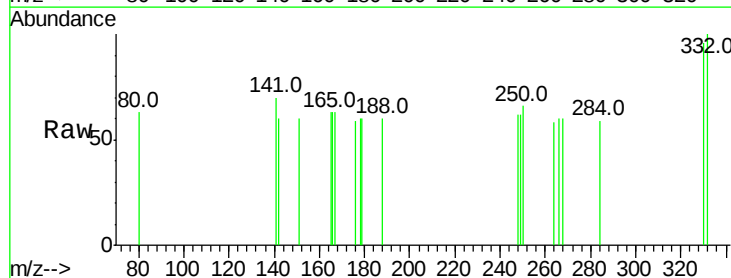
Tgt Ion:330 Resp: 52

Ion Ratio Lower Upper

330 100

332 130.8 152.7 229.1#

141 51.9 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

16.41

100

80

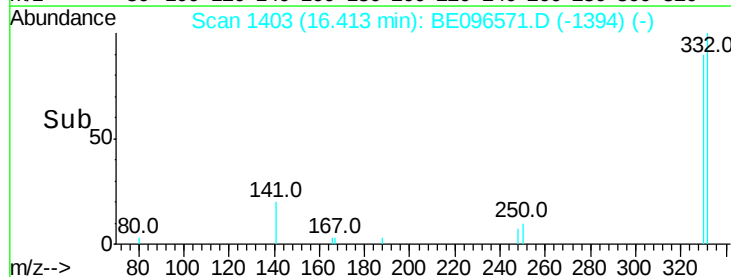
60

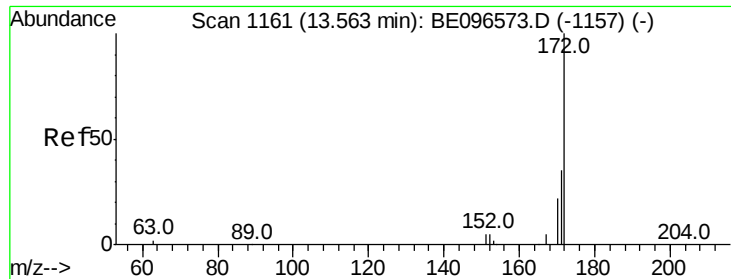
40

20

0

Time-->

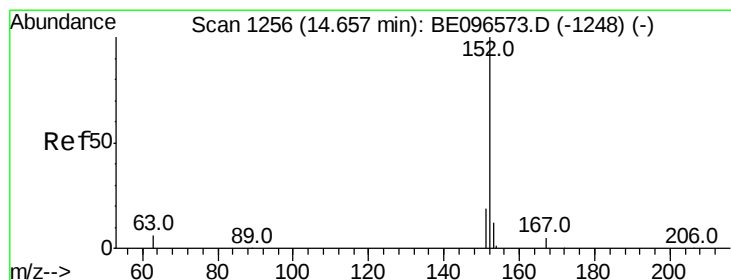
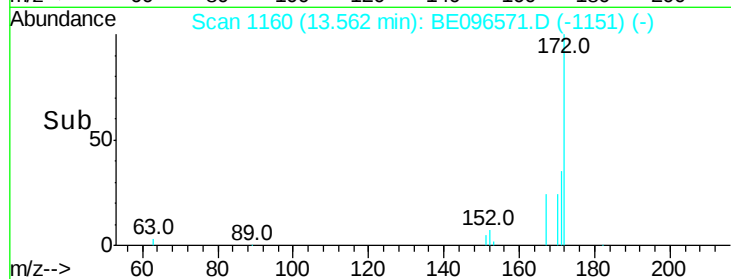
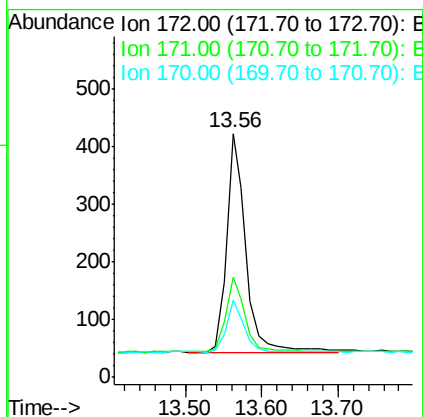
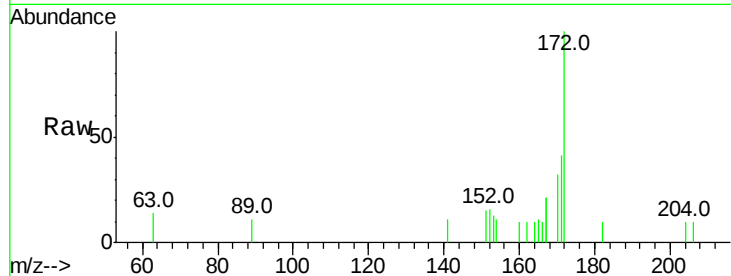




#15
2-Fluorobiphenyl
Concen: 0.103 ng
RT: 13.56 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE096571.D
Acq: 15 May 2018 9:10

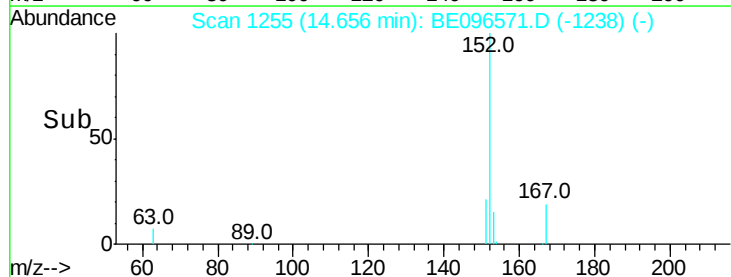
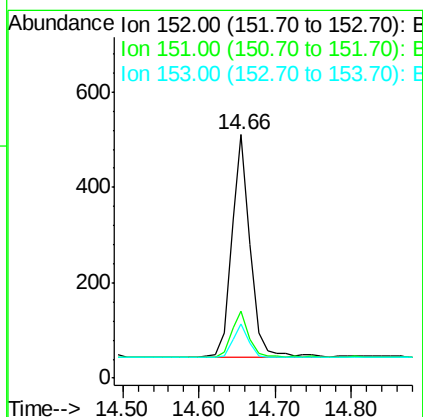
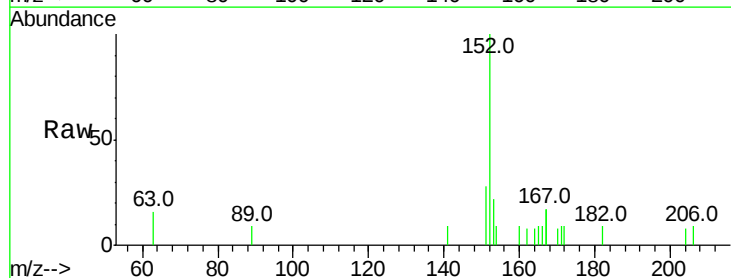
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

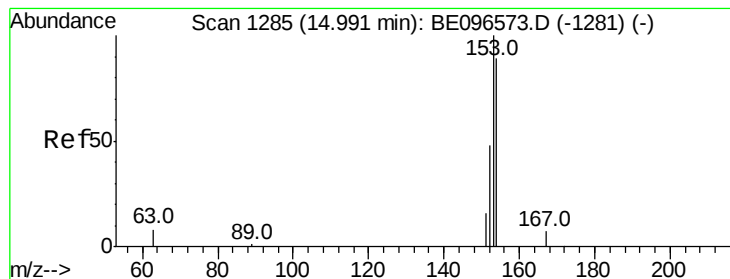
Tot Ion:172 Resp: 690
Ion Ratio Lower Upper
172 100
171 41.4 29.9 44.9
170 31.7 21.8 32.8



#16
Acenaphthylene
Concen: 0.097 ng
RT: 14.66 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BE096571.D
Acq: 15 May 2018 9:10

Tgt Ion:152 Resp: 812
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 12.6 10.5 15.7





#17

Acenaphthene

Concen: 0.102 ng

RT: 14.99 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

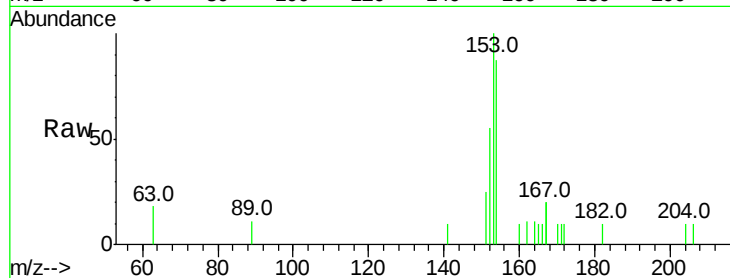
Tot Ion:154 Resp: 513

Ion Ratio Lower Upper

154 100

153 118.9 89.2 133.8

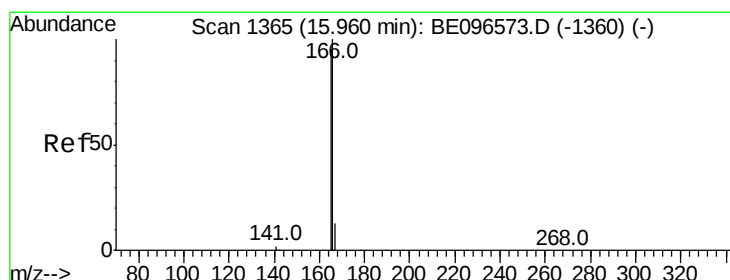
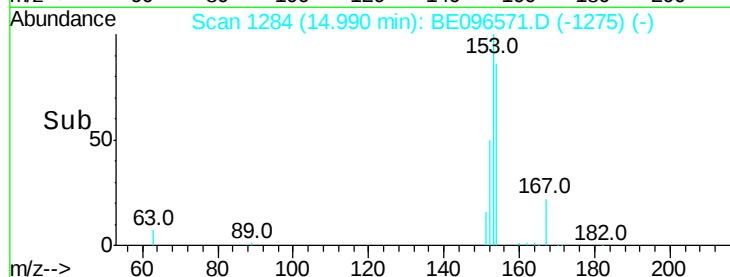
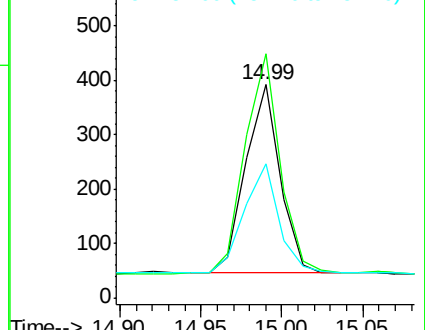
152 58.7 42.0 63.0



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: 0.099 ng

RT: 15.96 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

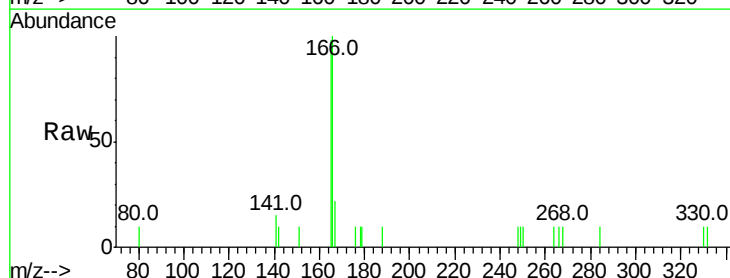
Tgt Ion:166 Resp: 615

Ion Ratio Lower Upper

166 100

165 103.7 77.8 116.6

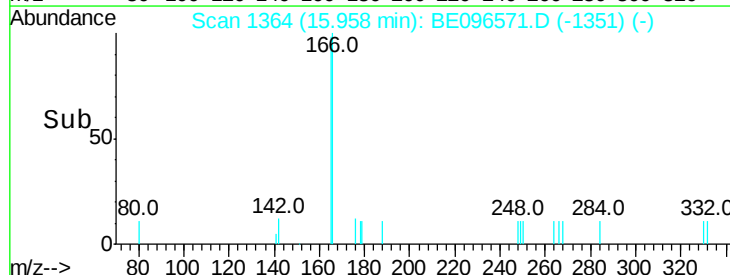
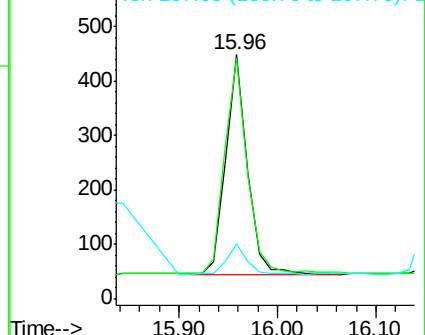
167 13.7 42.4 63.6#

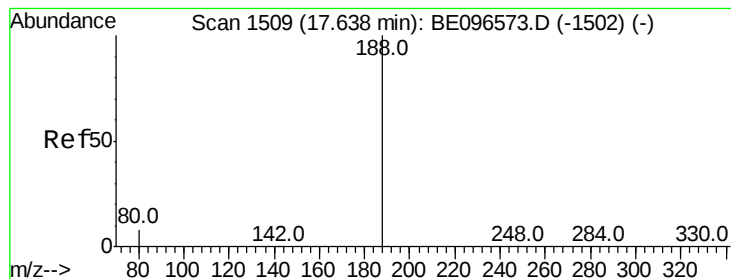


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1508

Delta R.T. -0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

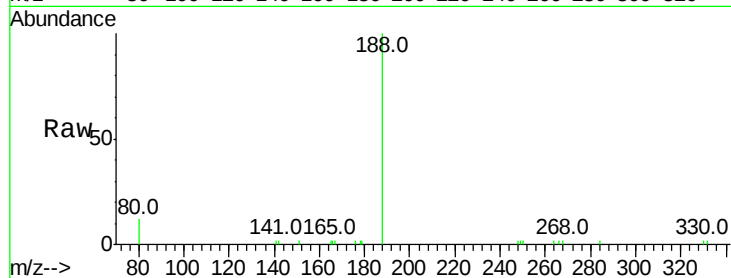
Tot Ion:188 Resp: 3578

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

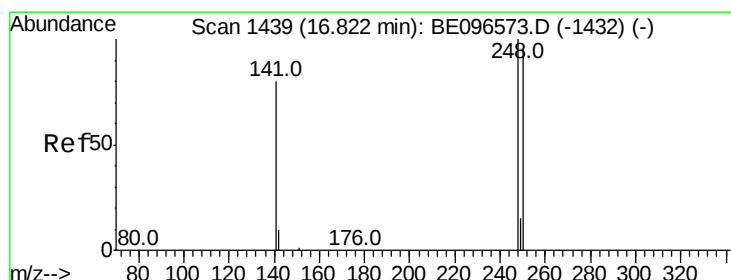
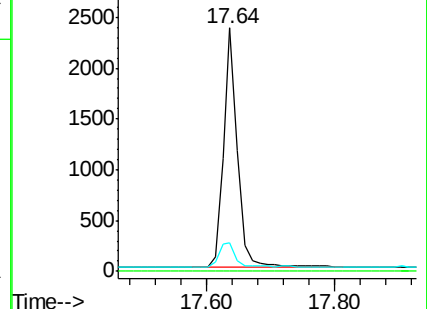
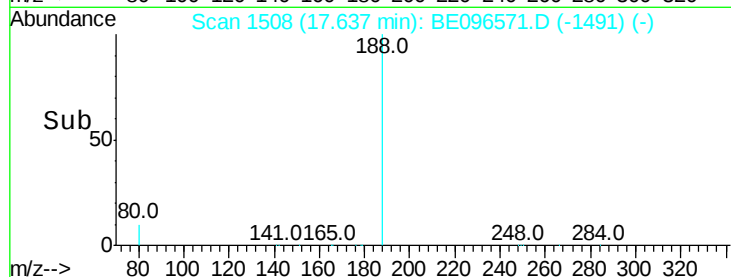
80 11.6 3.6 5.4#



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: 0.101 ng

RT: 16.82 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

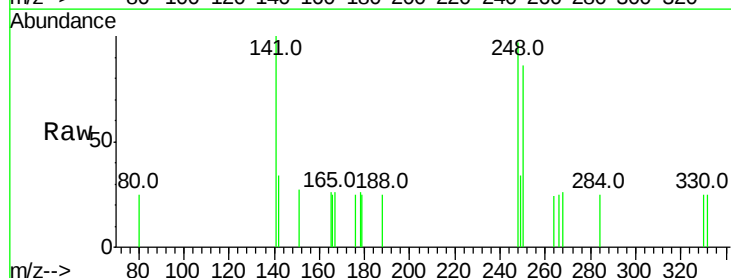
Tgt Ion:248 Resp: 215

Ion Ratio Lower Upper

248 100

250 89.5 62.7 94.1

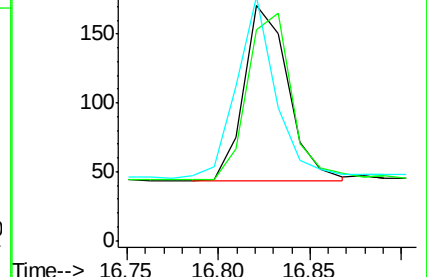
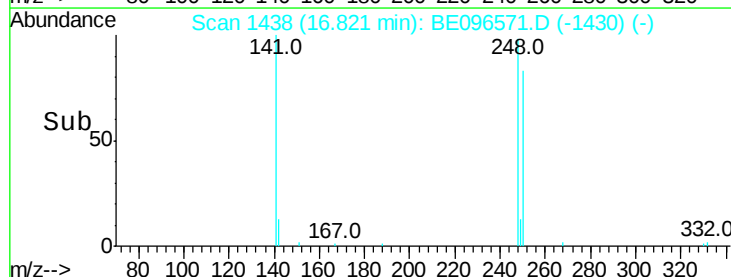
141 103.5 48.2 72.2#

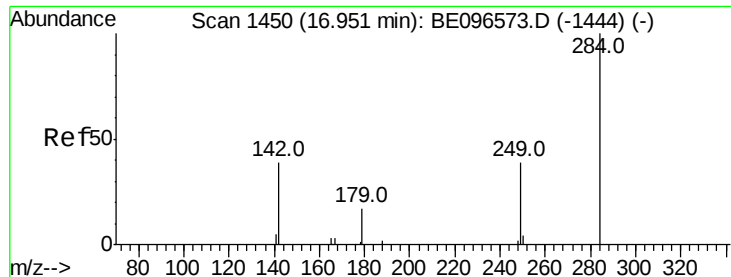


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.111 ng

RT: 16.95 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

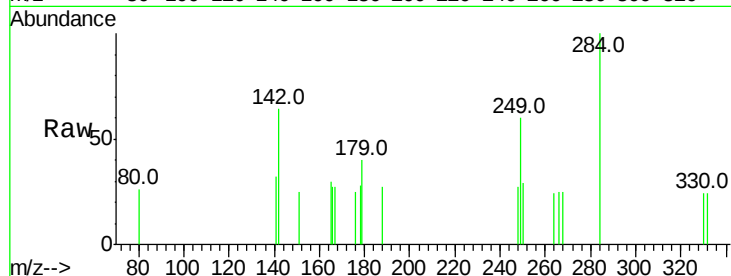
Tot Ion:284 Resp: 234

Ion Ratio Lower Upper

284 100

142 47.0 22.1 33.1#

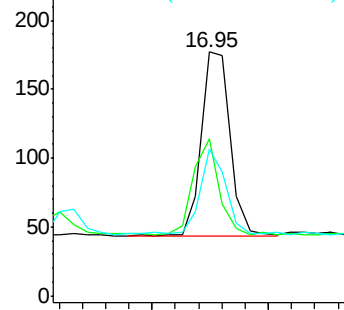
249 43.2 34.8 52.2



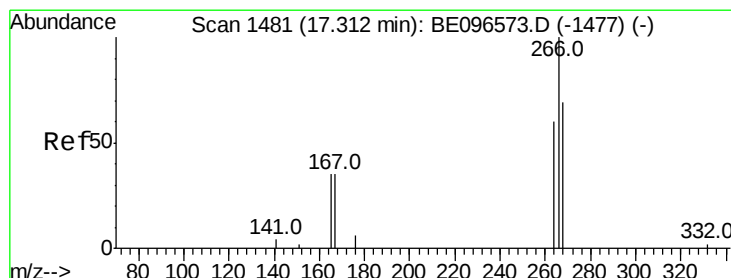
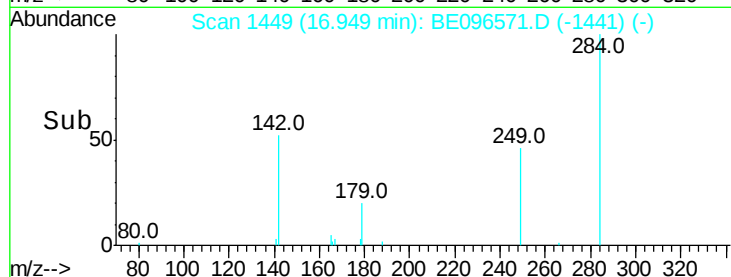
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#22

Pentachlorophenol

Concen: 0.065 ng

RT: 17.32 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

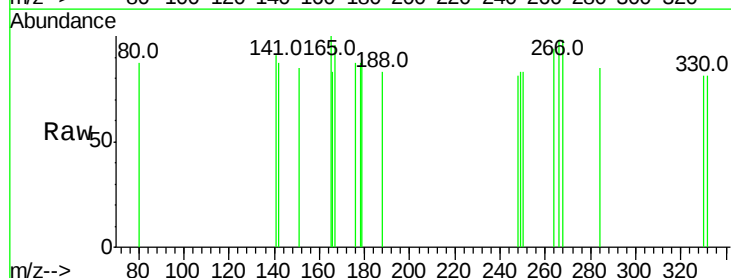
Tgt Ion:266 Resp: 45

Ion Ratio Lower Upper

266 100

264 96.2 72.5 108.7

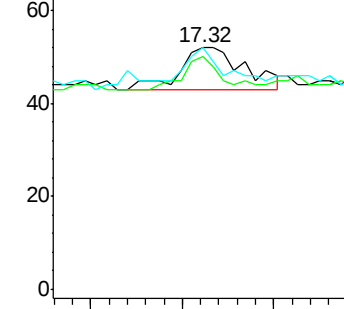
268 100.0 73.8 110.6



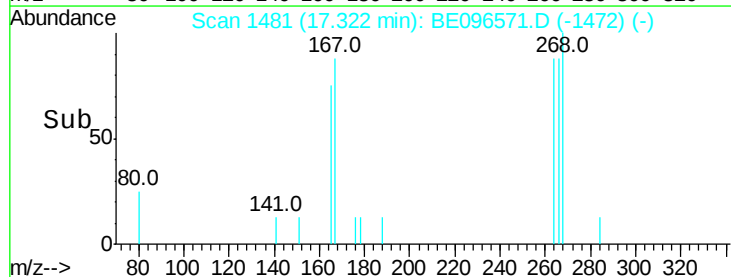
Abundance Ion 266.00 (265.70 to 266.70): E

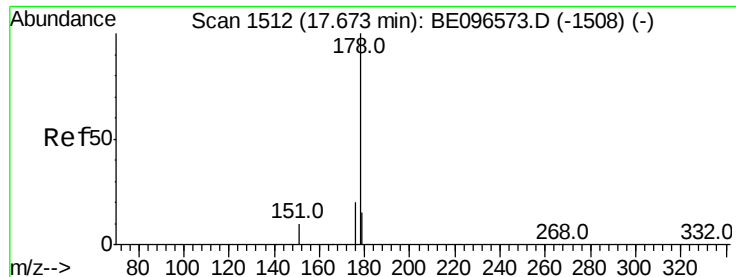
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.099 ng

RT: 17.68 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

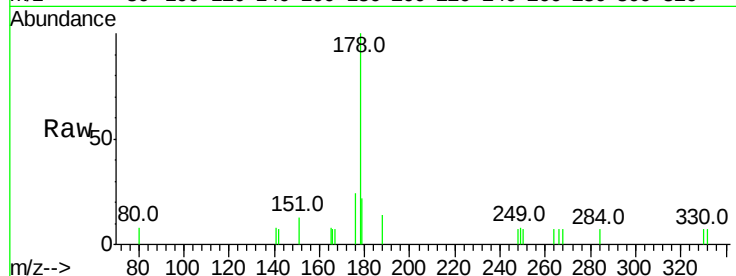
Tot Ion:178 Resp: 1000

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

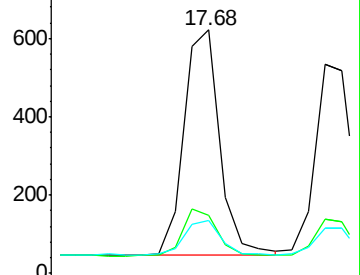
179 15.5 11.8 17.6



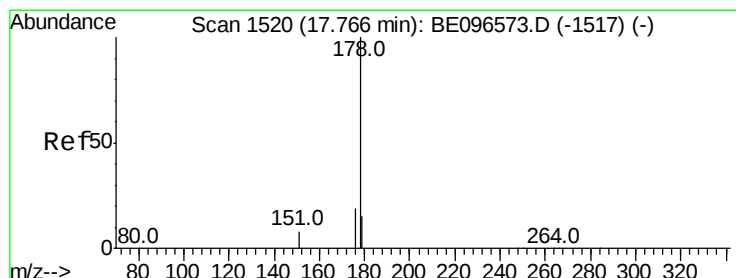
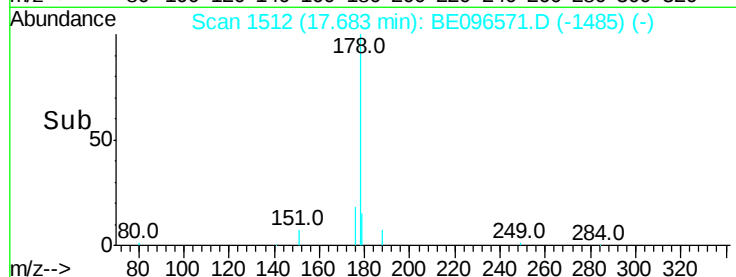
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.094 ng

RT: 17.76 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

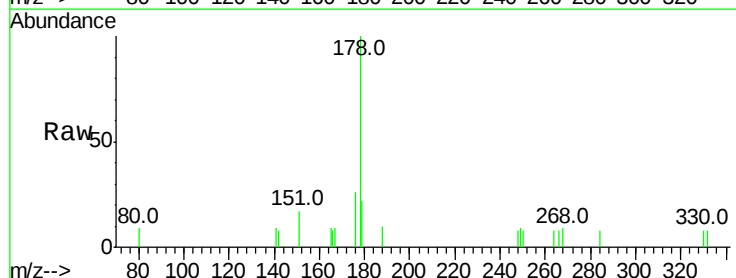
Tgt Ion:178 Resp: 899

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

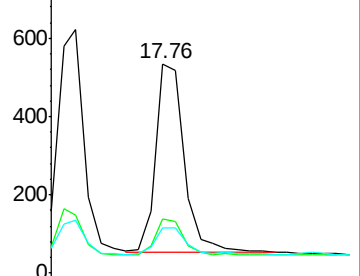
179 15.2 13.0 19.6



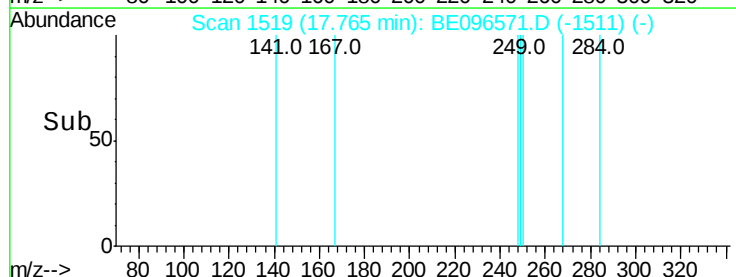
Abundance Ion 178.00 (177.70 to 178.70): E

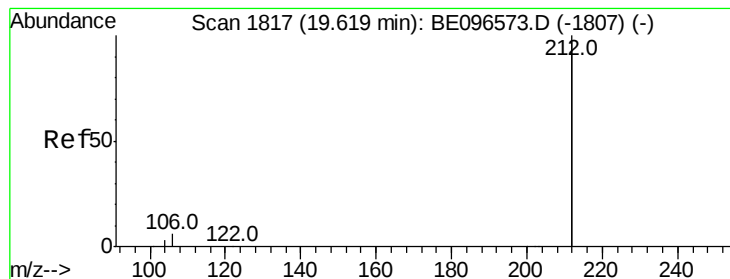
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.090 ng

RT: 19.62 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

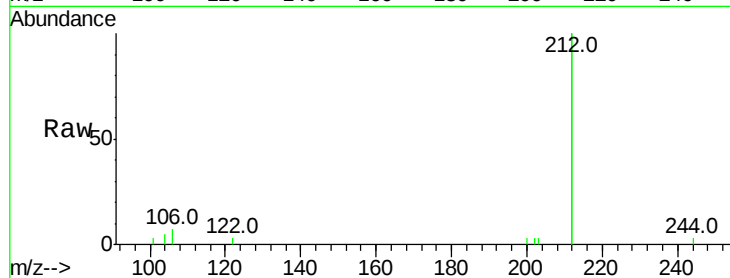
Tot Ion:212 Resp: 4383

Ion Ratio Lower Upper

212 100

106 2.6 2.8 4.2#

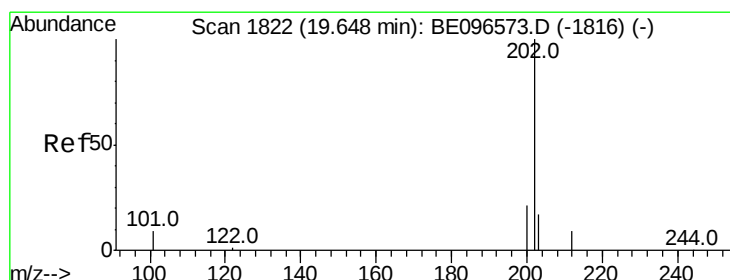
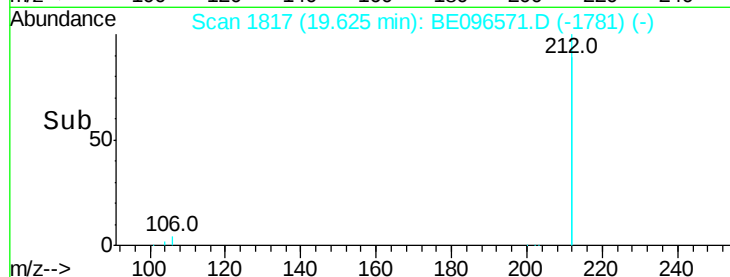
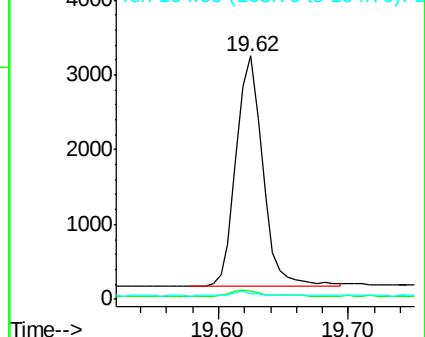
104 1.7 1.6 2.4



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: 0.090 ng

RT: 19.65 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

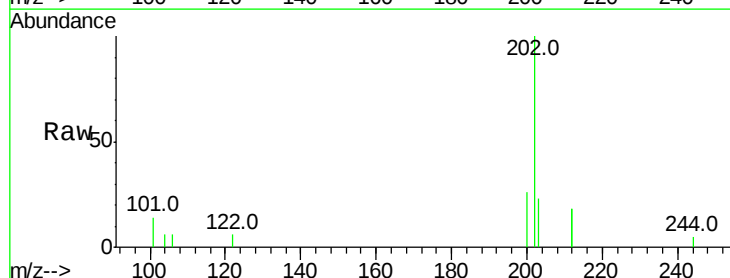
Tgt Ion:202 Resp: 1186

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.8

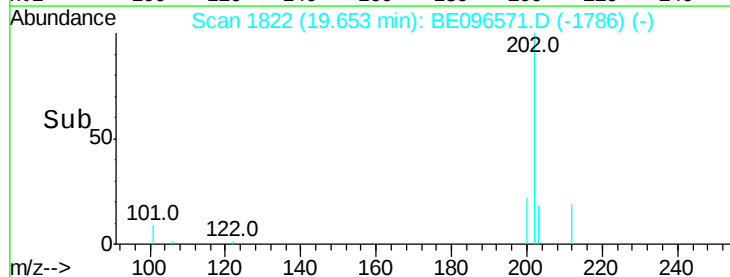
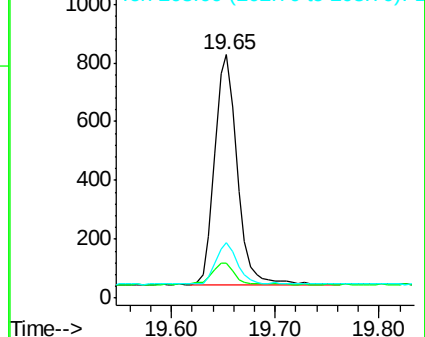
203 17.7 13.7 20.5

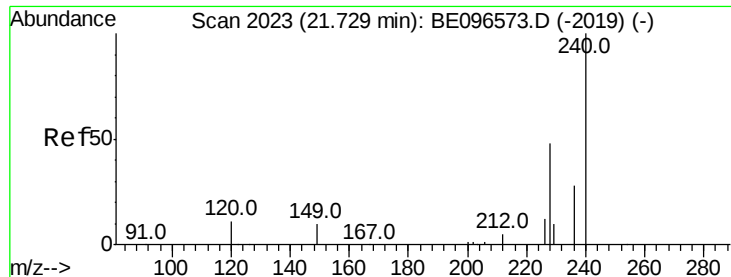


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.73 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

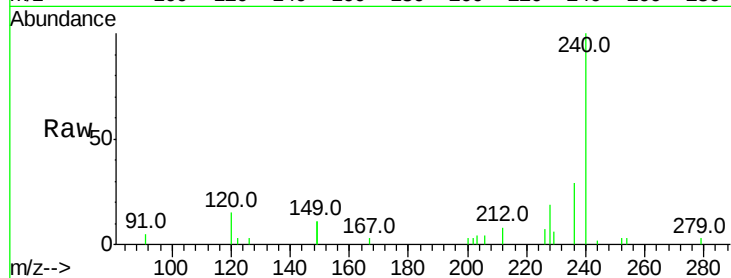
Tot Ion:240 Resp: 3361

Ion Ratio Lower Upper

240 100

120 15.3 5.5 8.3#

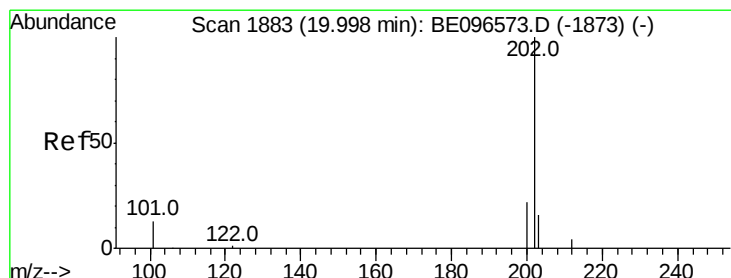
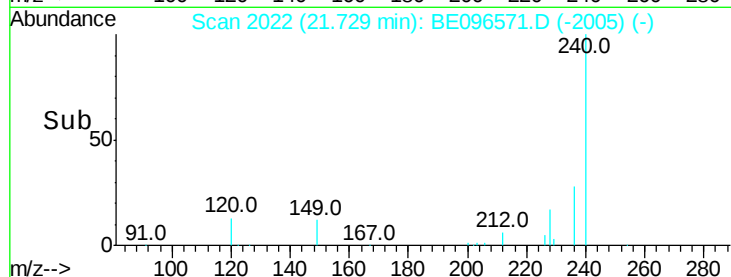
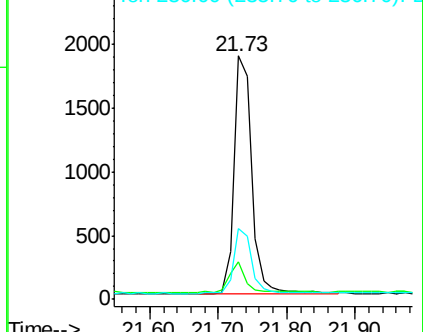
236 29.4 20.7 31.1



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: 0.071 ng

RT: 20.00 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

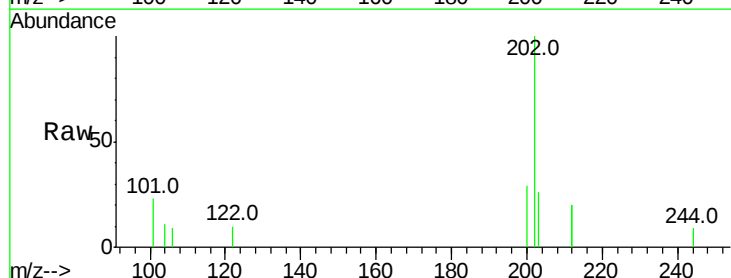
Tgt Ion:202 Resp: 469

Ion Ratio Lower Upper

202 100

200 27.9 16.6 25.0#

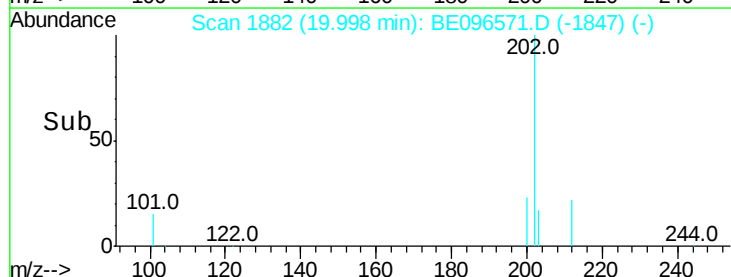
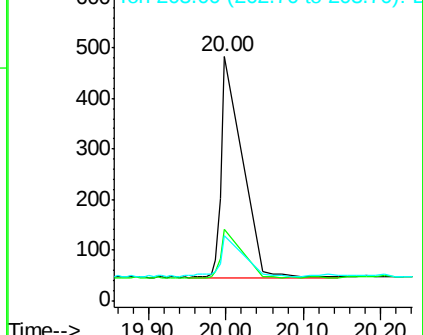
203 19.6 13.8 20.8

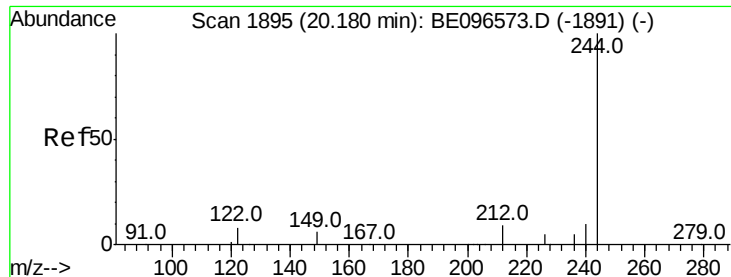


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.104 ng

RT: 20.18 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

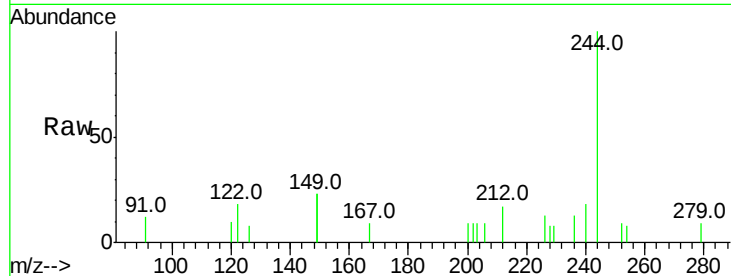
Tot Ion:244 Resp: 771

Ion Ratio Lower Upper

244 100

212 17.2 25.4 38.0#

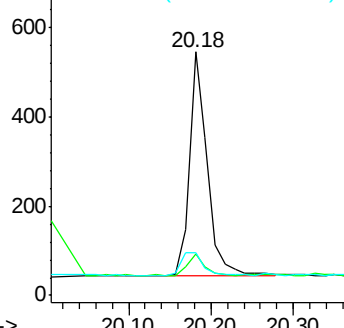
122 17.8 8.1 12.1#



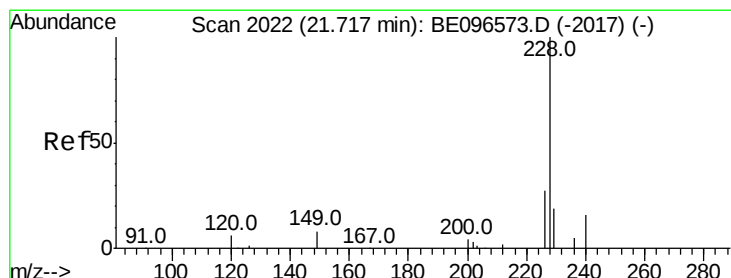
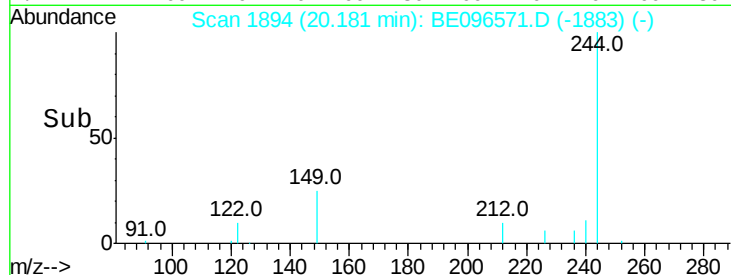
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#30

Benzo(a)anthracene

Concen: 0.107 ng

RT: 21.78 min Scan# 2026

Delta R.T. 0.06 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

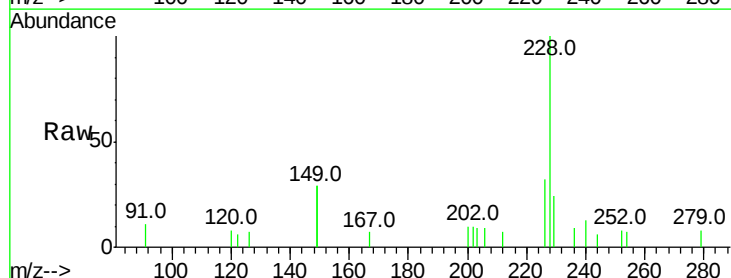
Tgt Ion:228 Resp: 1148

Ion Ratio Lower Upper

228 100

226 32.3 24.0 36.0

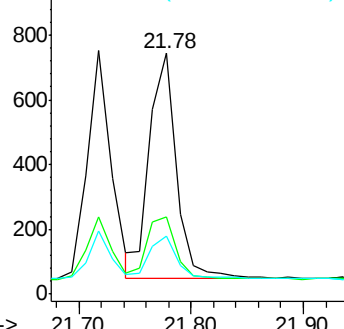
229 24.0 16.0 24.0



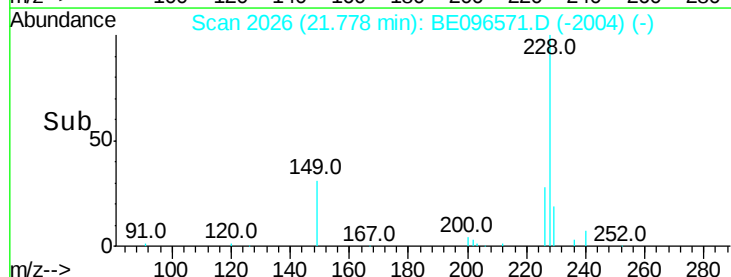
Abundance Ion 228.00 (227.70 to 228.70): E

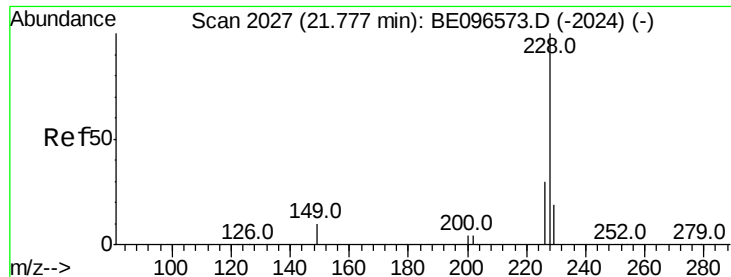
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#31

Chrysene

Concen: 0.110 ng

RT: 21.78 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

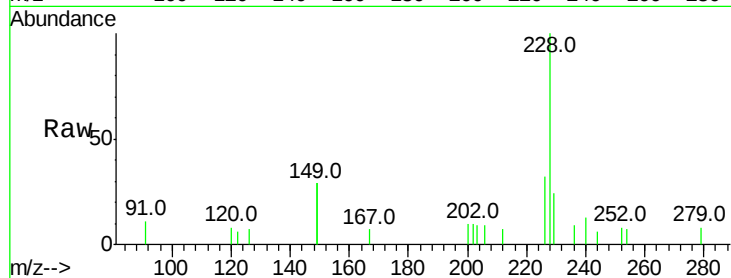
Tot Ion:228 Resp: 1140

Ion Ratio Lower Upper

228 100

226 32.3 24.0 36.0

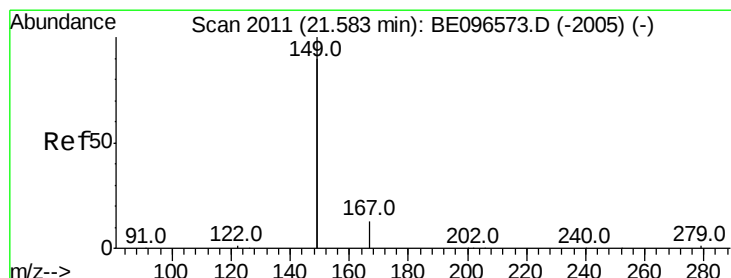
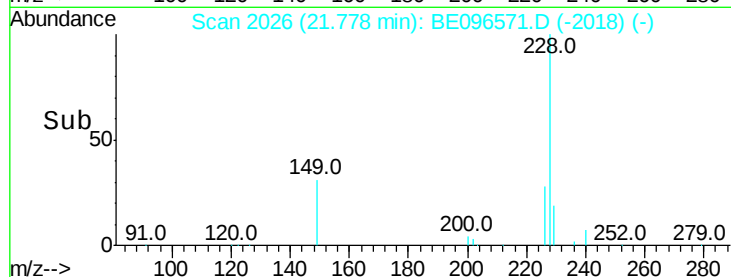
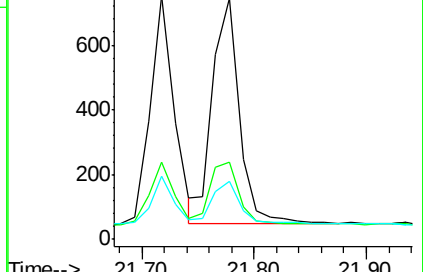
229 24.0 16.0 24.0



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: 0.086 ng

RT: 21.58 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

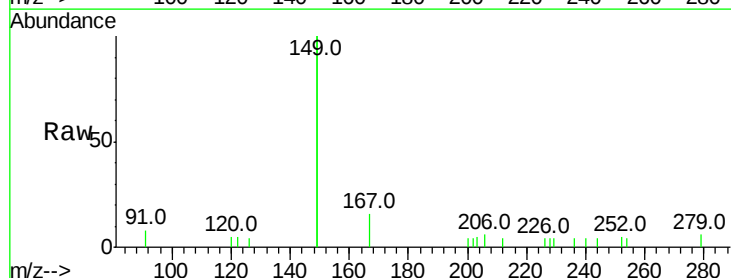
Tgt Ion:149 Resp: 2400

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

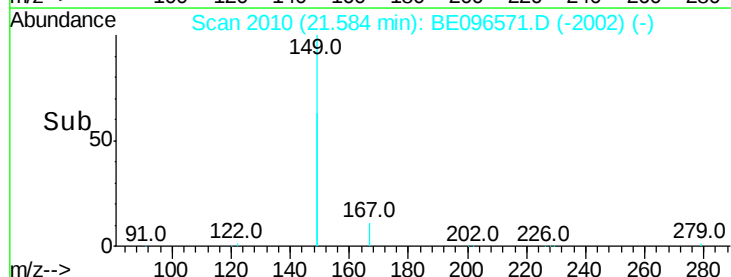
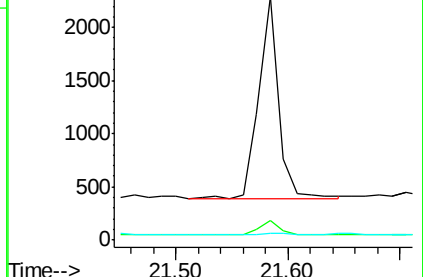
279 0.9 0.7 1.1

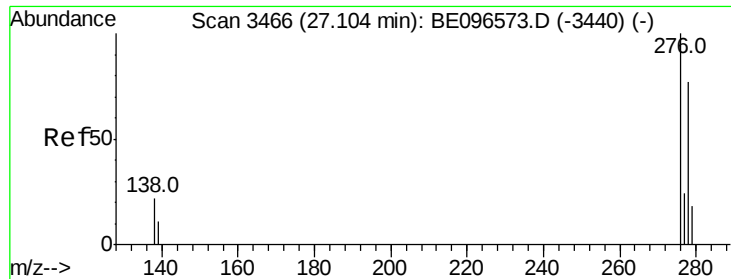


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.102 ng

RT: 27.11 min Scan# 3467

Delta R.T. 0.01 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

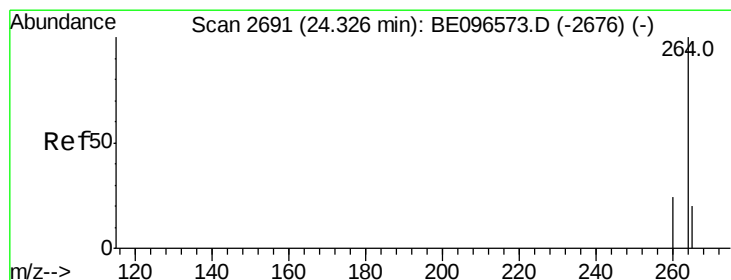
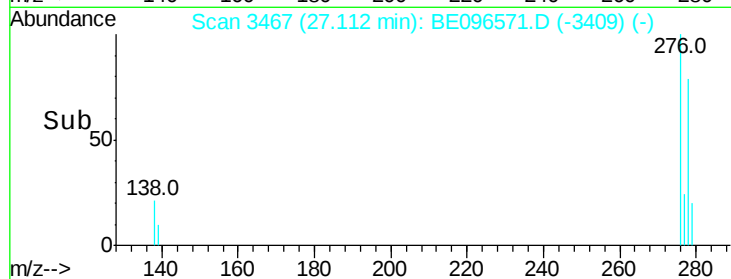
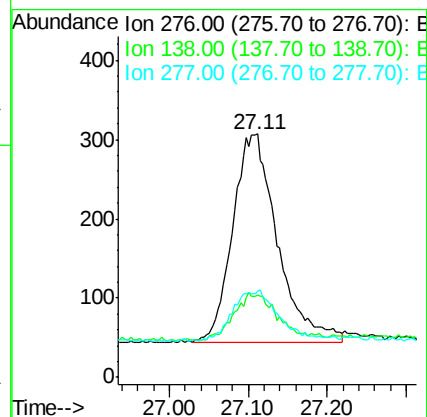
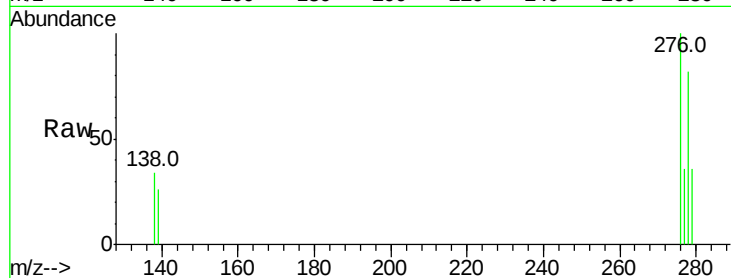
Tot Ion:276 Resp: 1027

Ion Ratio Lower Upper

276 100

138 21.7 22.5 33.7#

277 11.4 19.9 29.9#



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.33 min Scan# 2691

Delta R.T. 0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

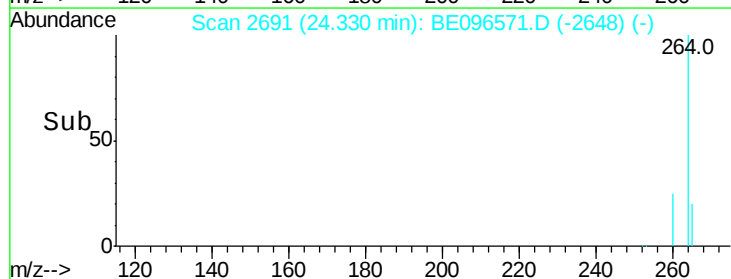
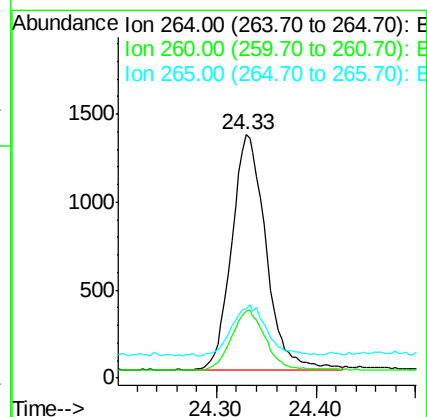
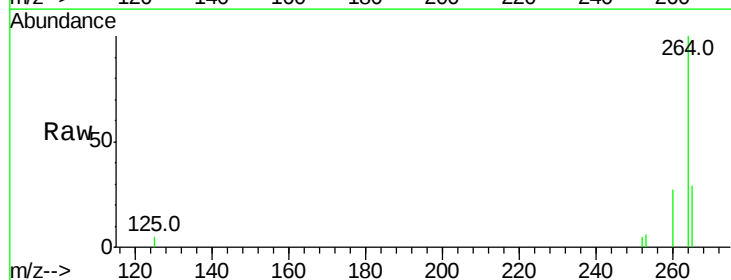
Tgt Ion:264 Resp: 3183

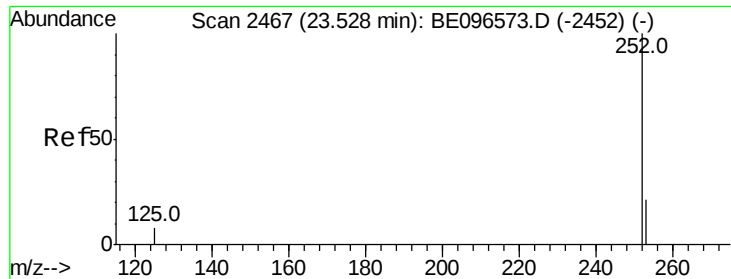
Ion Ratio Lower Upper

264 100

260 27.5 20.5 30.7

265 28.8 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.102 ng

RT: 23.53 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

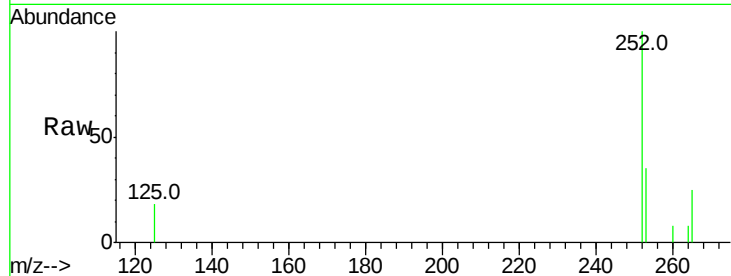
Tot Ion:252 Resp: 975

Ion Ratio Lower Upper

252 100

253 35.1 20.0 30.0#

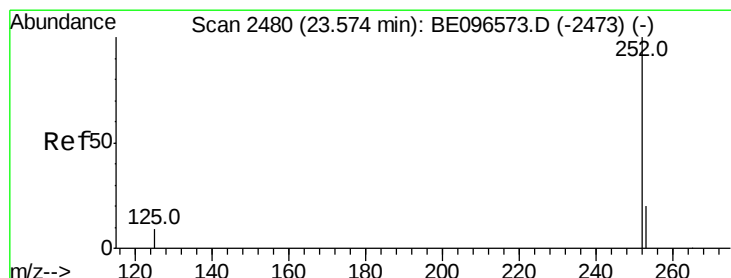
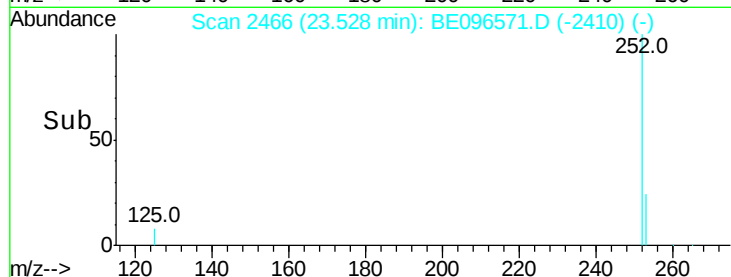
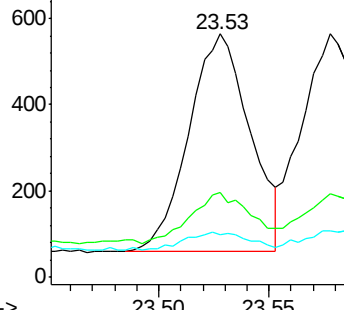
125 17.7 16.0 24.0



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: 0.108 ng

RT: 23.58 min Scan# 2480

Delta R.T. 0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

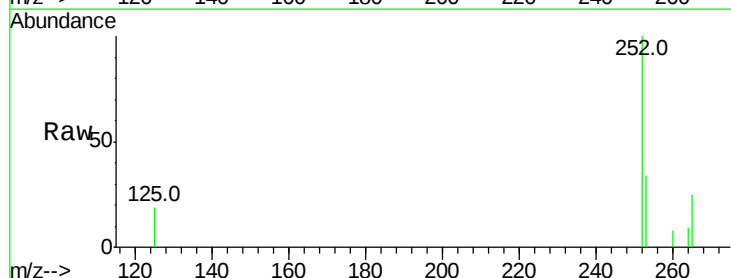
Tgt Ion:252 Resp: 1063

Ion Ratio Lower Upper

252 100

253 34.2 16.0 24.0#

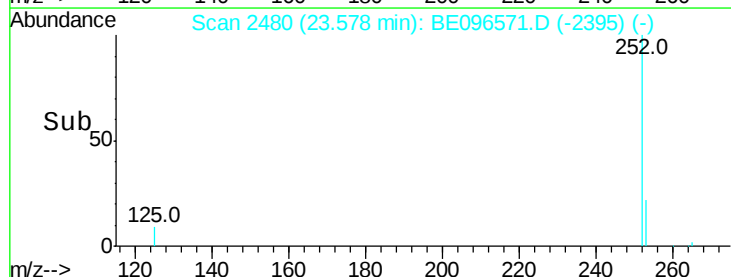
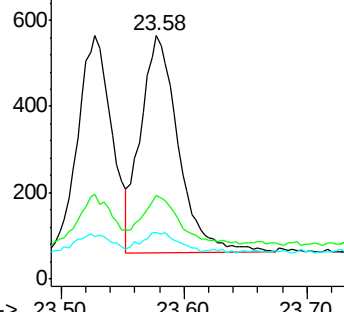
125 19.1 8.0 12.0#

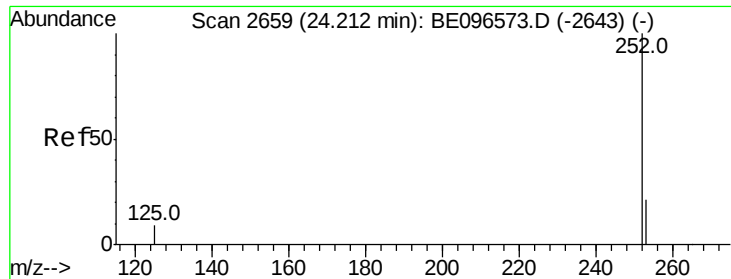


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.101 ng

RT: 24.22 min Scan# 2659

Delta R.T. 0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

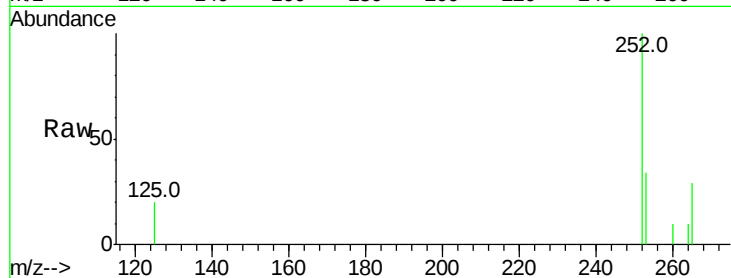
Tot Ion:252 Resp: 925

Ion Ratio Lower Upper

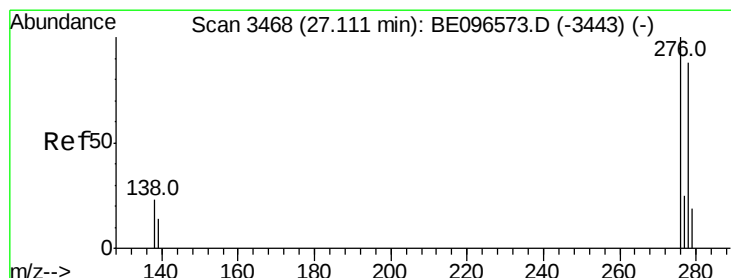
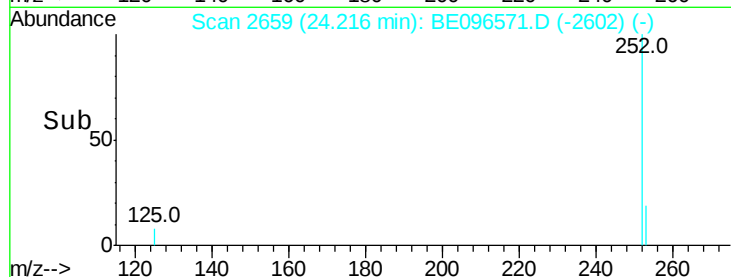
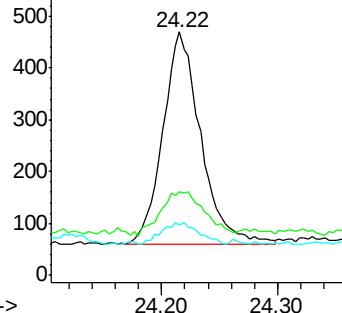
252 100

253 34.3 16.0 24.0#

125 20.5 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: 0.098 ng

RT: 27.12 min Scan# 3469

Delta R.T. 0.01 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

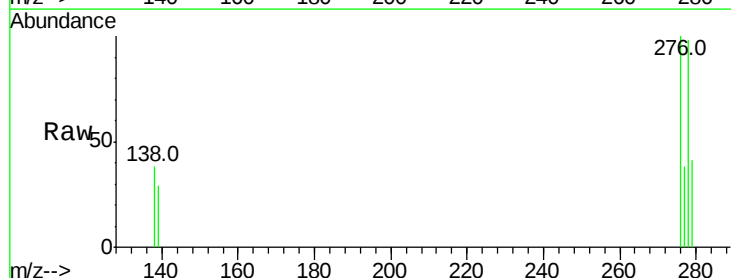
Tgt Ion:278 Resp: 794

Ion Ratio Lower Upper

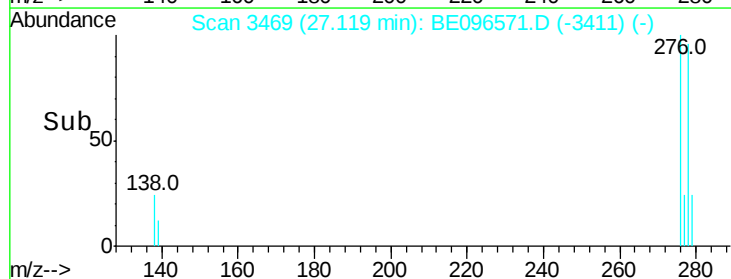
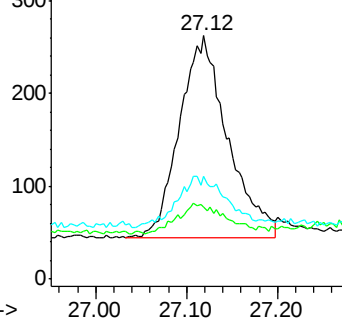
278 100

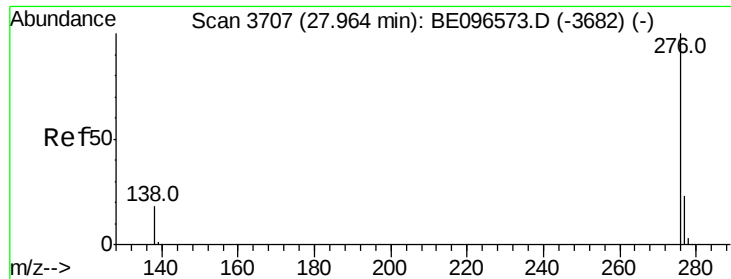
139 29.8 16.0 24.0#

279 42.4 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





#39

Benzo(a,h,i)perylene

Concen: 0.104 ng

RT: 27.96 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BE096571.D

Acq: 15 May 2018 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

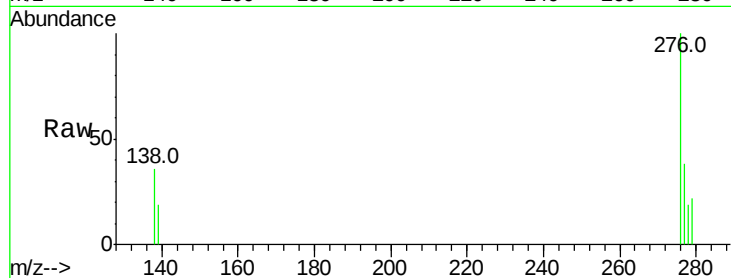
Tot Ion:276 Resp: 894

Ion Ratio Lower Upper

276 100

277 38.1 16.0 24.0#

138 35.5 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

