

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
 Data File : BE096573.D
 Acq On : 15 May 2018 10:22
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: May 15 11:49:23 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	8.34	152	673	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2755	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1651	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3714	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3531	0.40	ng	0.00
34) Perylene-d12	24.33	264	3270	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.86	112	671	0.32	ng	0.00
5) Phenol-d6	7.50	99	995	0.35	ng	0.00
8) Nitrobenzene-d5	9.44	82	101	0.03	ng	-0.09
11) 2-Methylnaphthalene-d10	12.72	152	1691	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	240	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2629	0.37	ng	0.00
25) Fluoranthene-d10	19.62	212	16919	0.34	ng	0.00
29) Terphenyl-d14	20.18	244	3088	0.40	ng	0.00

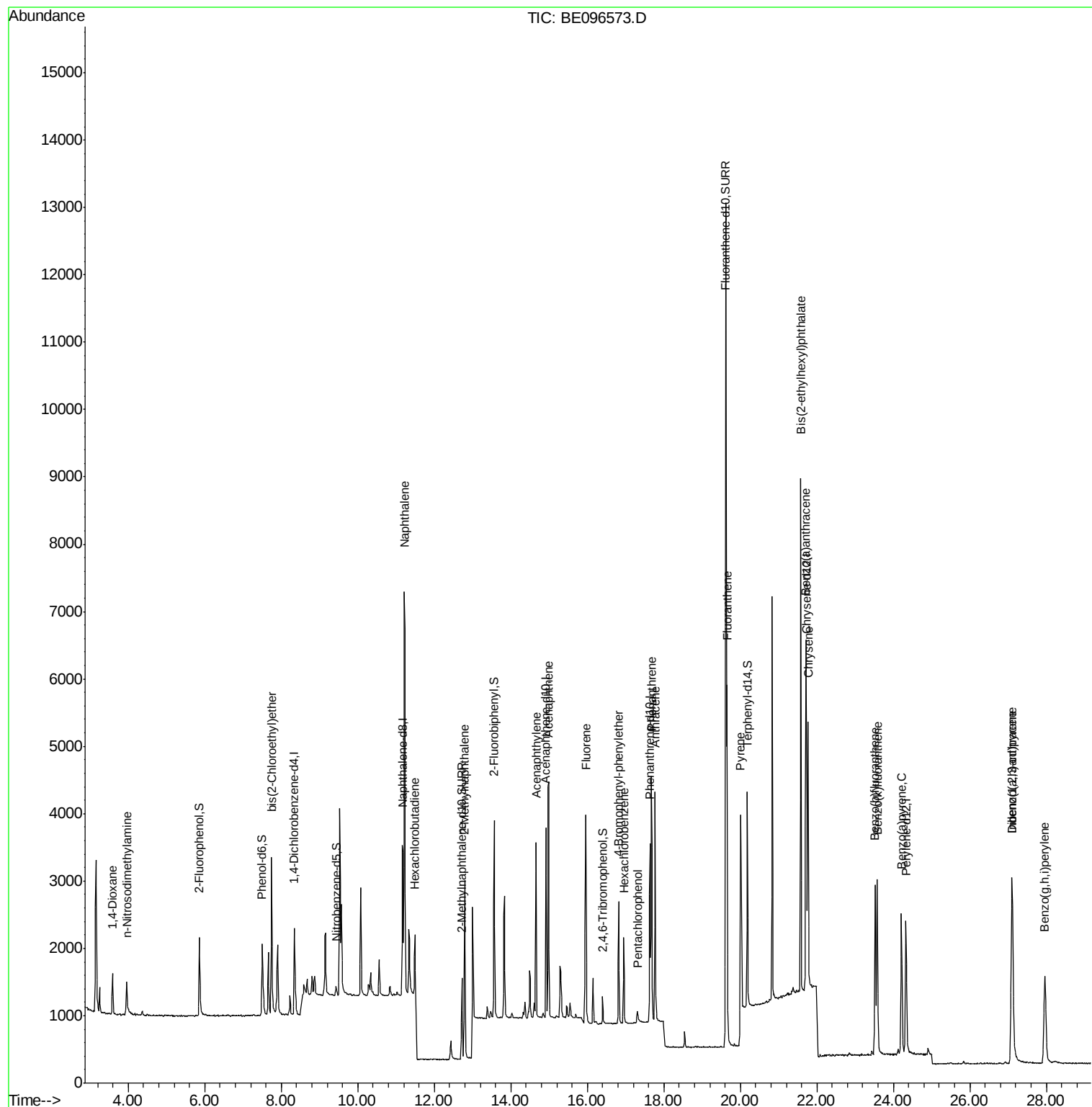
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	361	0.347	ng	91
3) n-Nitrosodimethylamine	3.95	42	463	0.364	ng	# 69
6) bis(2-Chloroethyl)ether	7.75	93	924	0.366	ng	97
9) Naphthalene	11.22	128	10979	0.378	ng	99
10) Hexachlorobutadiene	11.49	225	563	0.437	ng	90
12) 2-Methylnaphthalene	12.79	142	1863	0.388	ng	# 94
16) Acenaphthylene	14.66	152	3173	0.360	ng	99
17) Acenaphthene	14.99	154	1972	0.372	ng	94
18) Fluorene	15.96	166	2433	0.371	ng	# 60
20) 4-Bromophenyl-phenylether	16.82	248	845	0.383	ng	# 77
21) Hexachlorobenzene	16.95	284	880	0.400	ng	# 80
22) Pentachlorophenol	17.31	266	127	0.176	ng	89
23) Phenanthrene	17.67	178	3949	0.378	ng	99
24) Anthracene	17.77	178	3653	0.366	ng	95
26) Fluoranthene	19.65	202	4665	0.340	ng	# 97
28) Pyrene	20.00	202	2401	0.345	ng	96
30) Benzo(a)anthracene	21.72	228	4050	0.358	ng	98
31) Chrysene	21.78	228	4264	0.390	ng	99
32) Bis(2-ethylhexyl)phthalate	21.58	149	8354	0.286	ng	100
33) Indeno(1,2,3-cd)pyrene	27.10	276	4125	0.389	ng	# 93
35) Benzo(b)fluoranthene	23.53	252	3776	0.385	ng	# 91
36) Benzo(k)fluoranthene	23.57	252	3989	0.395	ng	93
37) Benzo(a)pyrene	24.21	252	3636	0.386	ng	# 91
38) Dibenzo(a,h)anthracene	27.11	278	3352	0.403	ng	98
39) Benzo(g,h,i)perylene	27.96	276	3464	0.394	ng	# 90

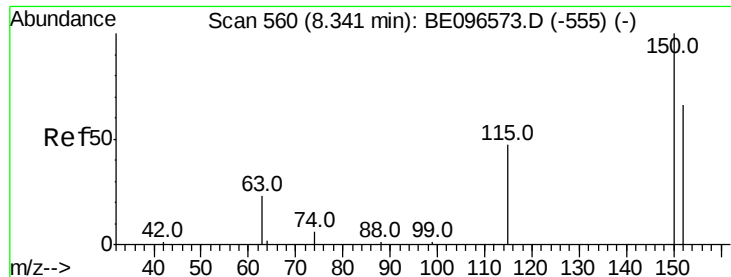
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
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ALS Vial : 4 Sample Multiplier: 1

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Quant Time: May 15 11:49:23 2018
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QLast Update : Tue May 15 11:46:42 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.34 min Scan# 560

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

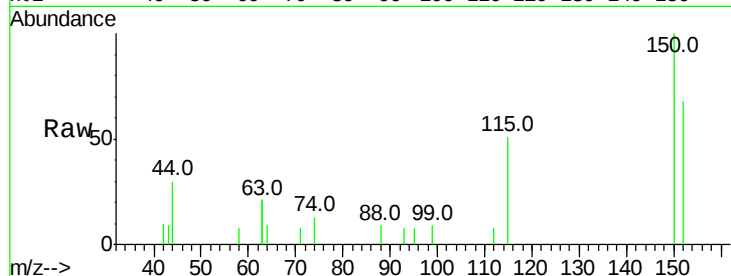
Tot Ion:152 Resp: 673

Ion Ratio Lower Upper

152 100

150 146.9 117.2 175.8

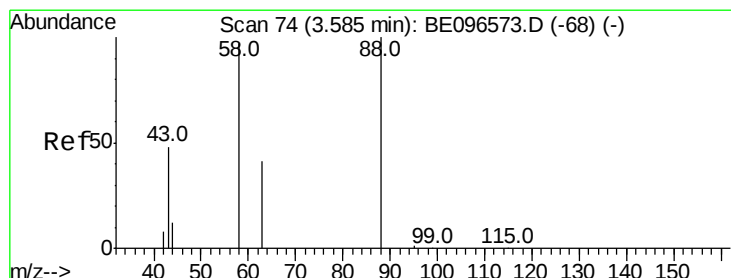
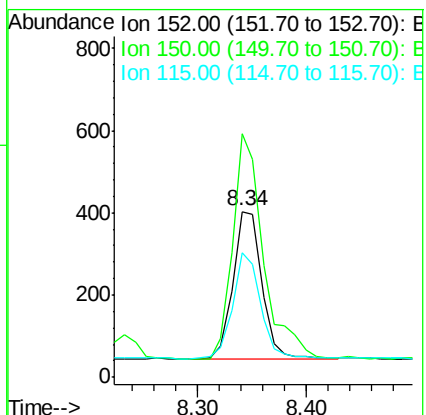
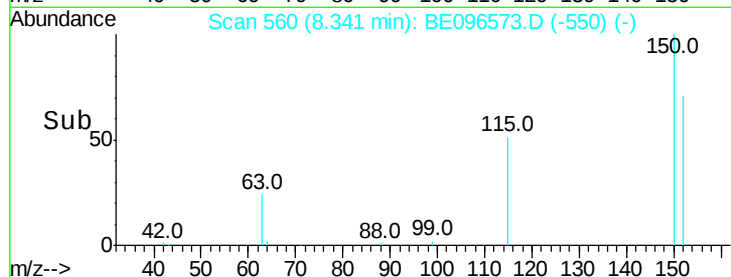
115 75.4 57.0 85.6



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: 0.347 ng

RT: 3.59 min Scan# 74

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

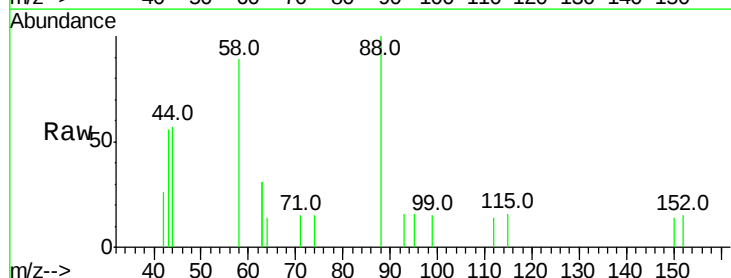
Tgt Ion: 88 Resp: 361

Ion Ratio Lower Upper

88 100

58 88.9 63.2 94.8

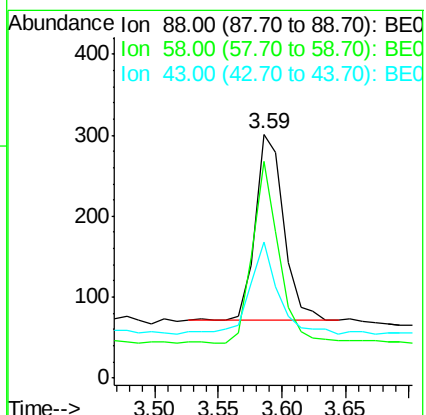
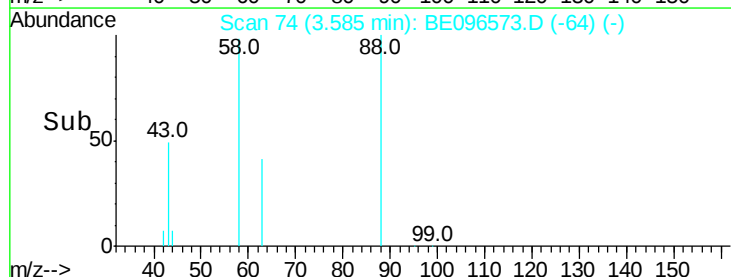
43 47.4 41.2 61.8

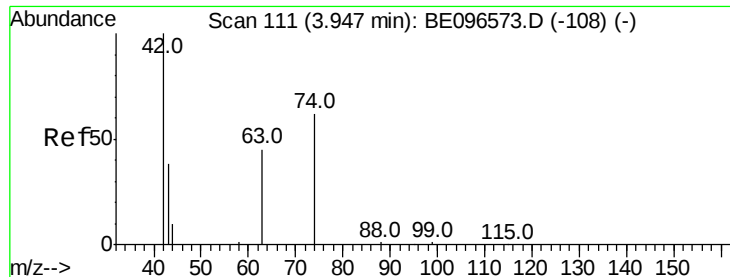


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



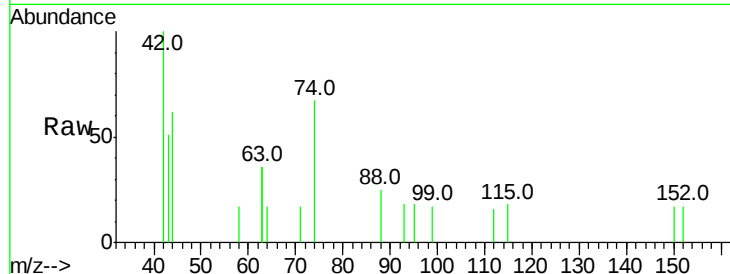


#3

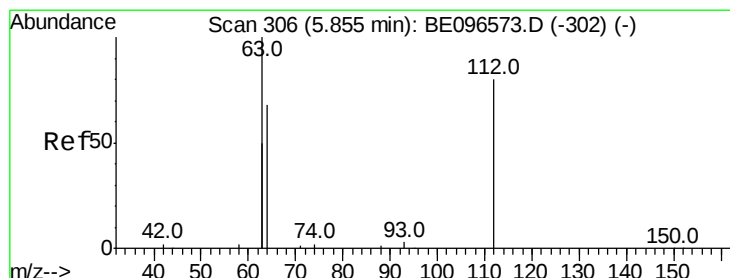
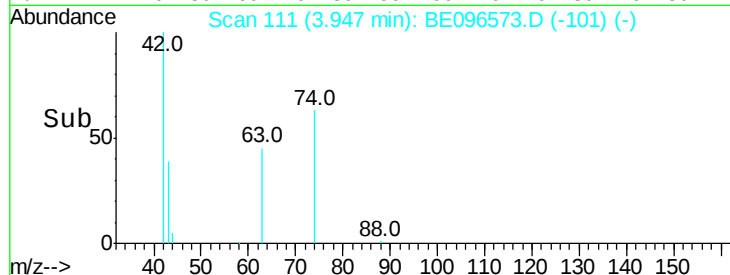
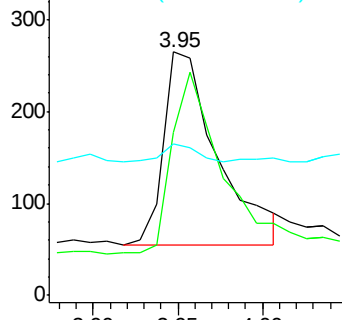
n-Nitrosodimethylamine
 Concen: 0.364 ng
 RT: 3.95 min Scan# 111
 Delta R.T. 0.00 min
 Lab File: BE096573.D
 Acq: 15 May 2018 10:22

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion: 42 Resp: 463
 Ion Ratio Lower Upper
 42 100
 74 83.8 96.0 144.0#
 44 5.6 12.0 18.0#



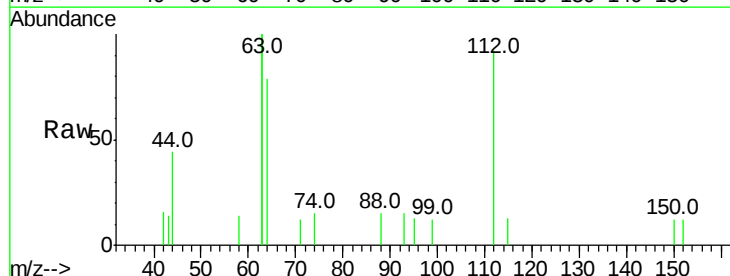
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



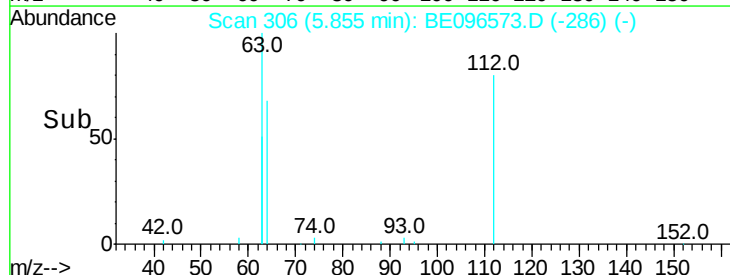
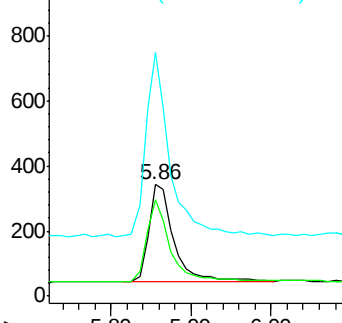
#4

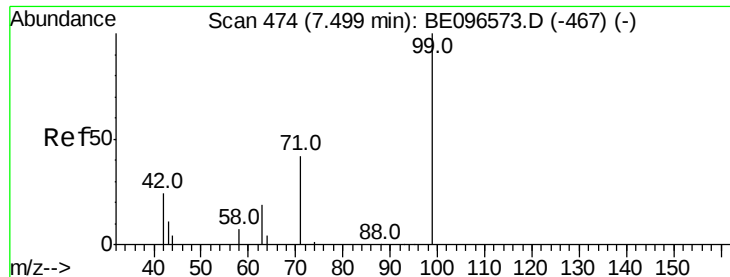
2-Fluorophenol
 Concen: 0.322 ng
 RT: 5.86 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: BE096573.D
 Acq: 15 May 2018 10:22

Tgt Ion: 112 Resp: 671
 Ion Ratio Lower Upper
 112 100
 64 81.2 60.1 90.1
 63 176.9 116.8 175.2#



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: 0.346 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

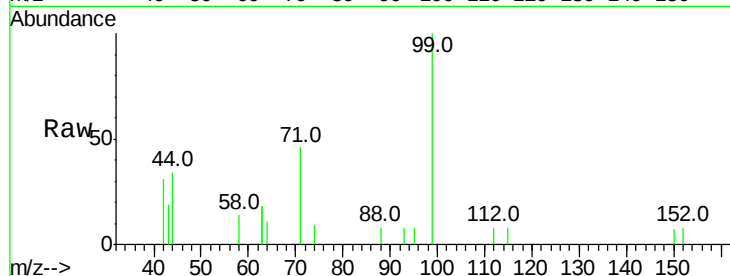
Tot Ion: 99 Resp: 995

Ion Ratio Lower Upper

99 100

42 26.8 20.2 30.2

71 44.2 28.4 42.6#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.50

600

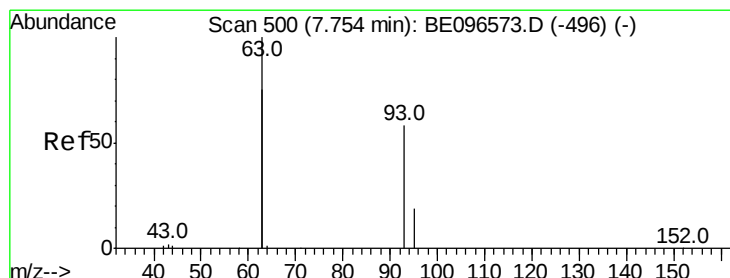
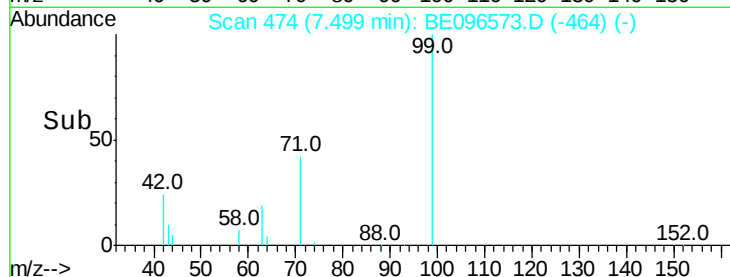
400

200

0

7.40 7.45 7.50 7.55 7.60

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.366 ng

RT: 7.75 min Scan# 500

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

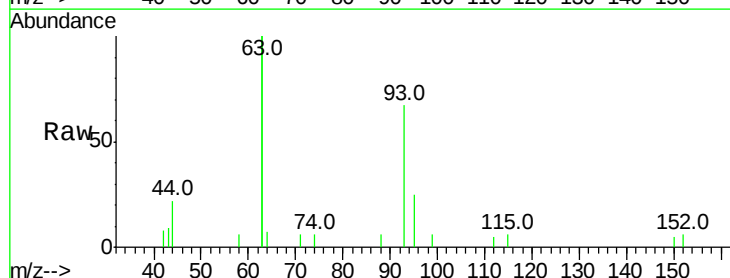
Tgt Ion: 93 Resp: 924

Ion Ratio Lower Upper

93 100

63 336.7 275.3 412.9

95 32.0 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

7.75

2500

2000

1500

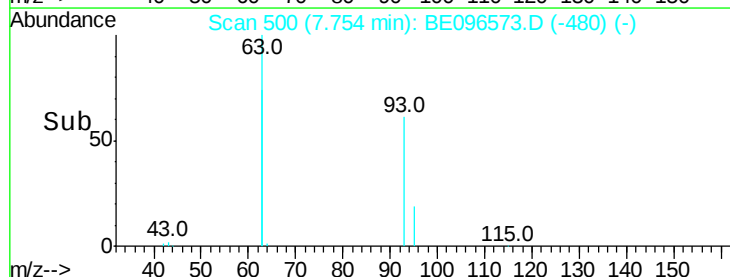
1000

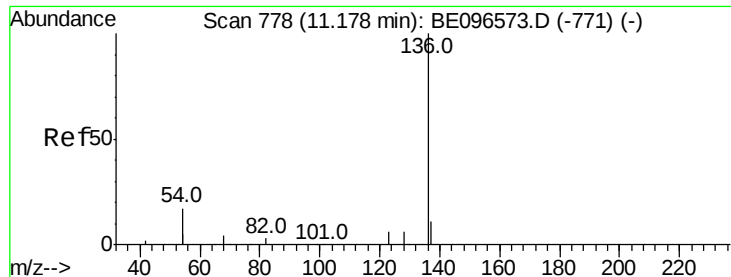
500

0

7.70 7.75 7.80 7.85 7.90

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.18 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 2755

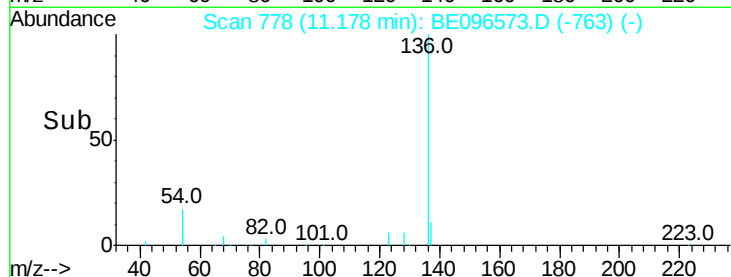
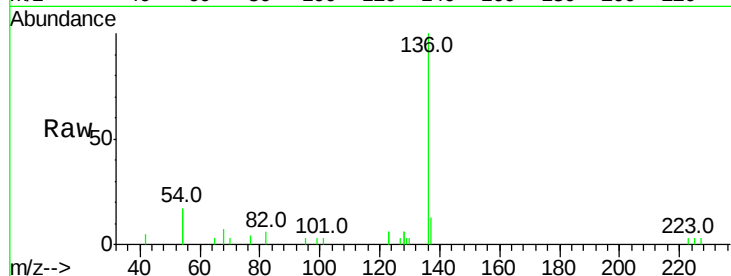
Ion Ratio Lower Upper

136 100

137 13.2 9.5 14.3

54 33.9 29.1 43.7

68 6.8 6.2 9.2

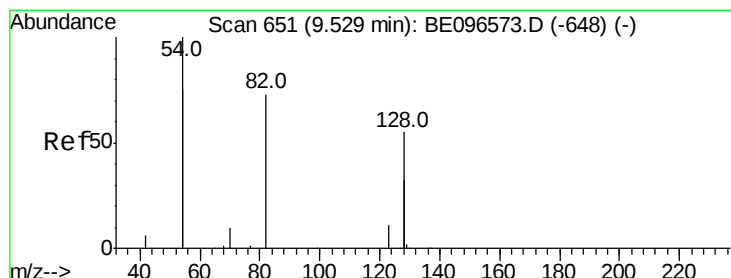
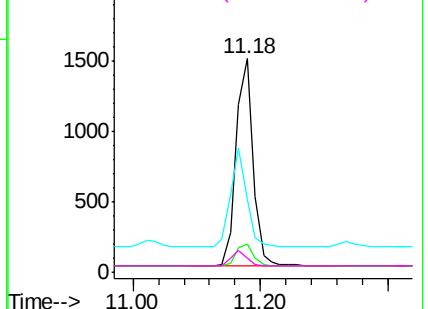


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.031 ng

RT: 9.44 min Scan# 644

Delta R.T. -0.09 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

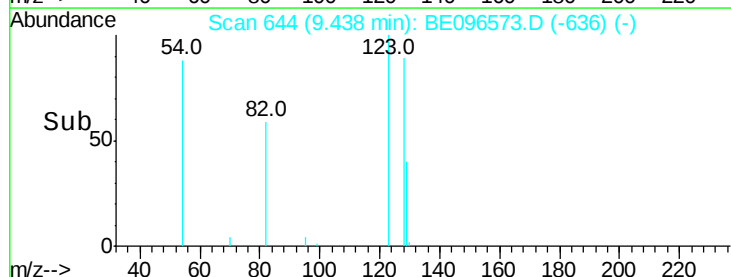
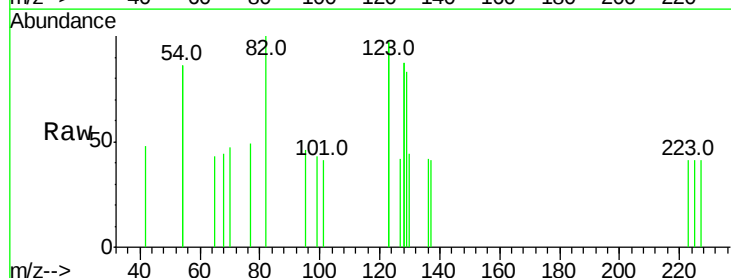
Tgt Ion: 82 Resp: 101

Ion Ratio Lower Upper

82 100

128 173.3 150.0 225.0

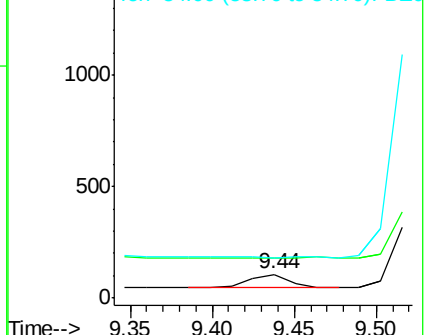
54 171.4 154.2 231.4

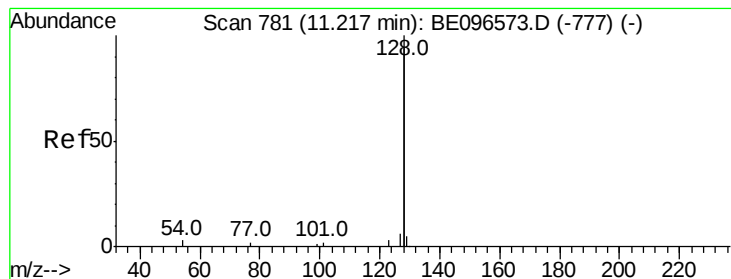


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.378 ng

RT: 11.22 min Scan# 781

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

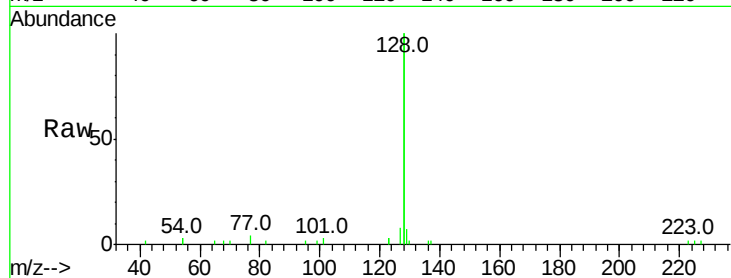
Tot Ion:128 Resp: 10979

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

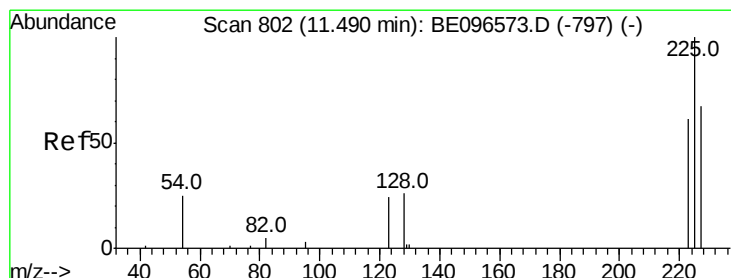
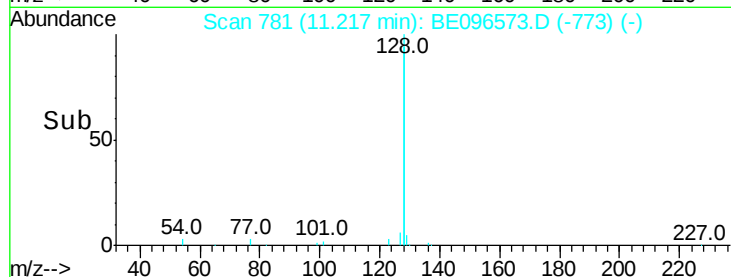
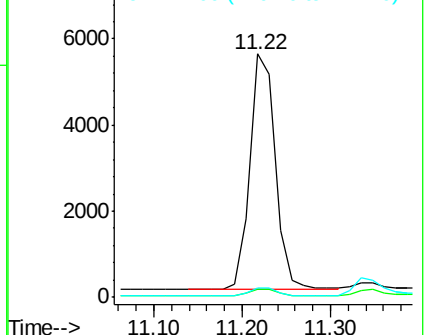
127 4.0 2.8 4.2



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: 0.437 ng

RT: 11.49 min Scan# 802

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

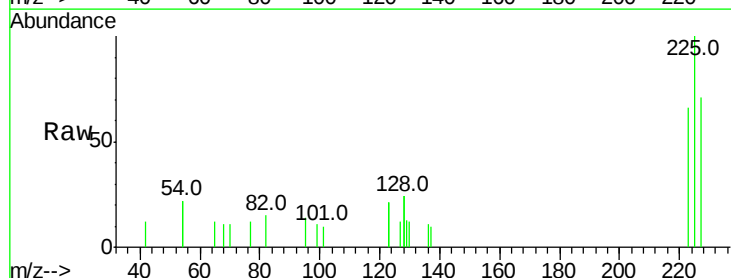
Tgt Ion:225 Resp: 563

Ion Ratio Lower Upper

225 100

223 61.1 53.0 79.6

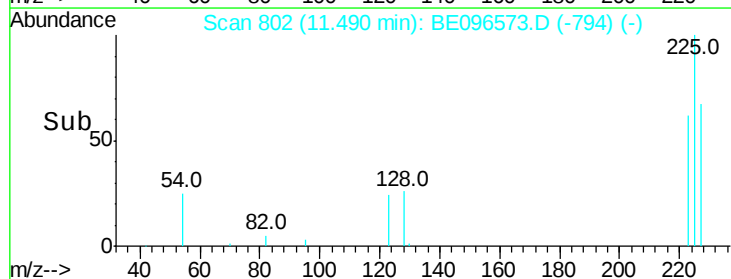
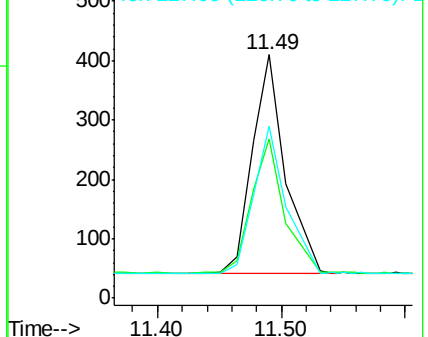
227 75.1 51.4 77.2

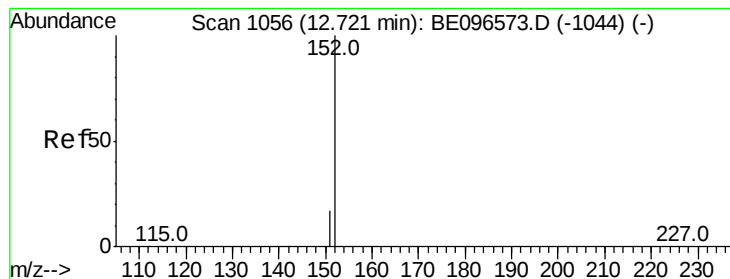


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

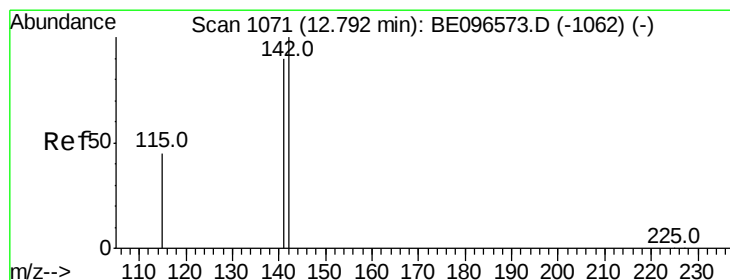
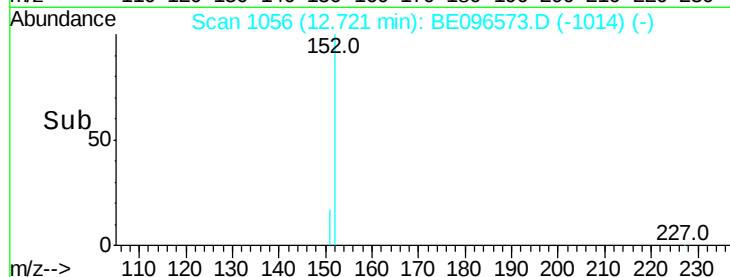
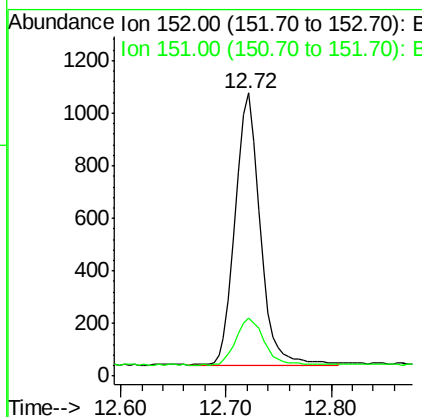
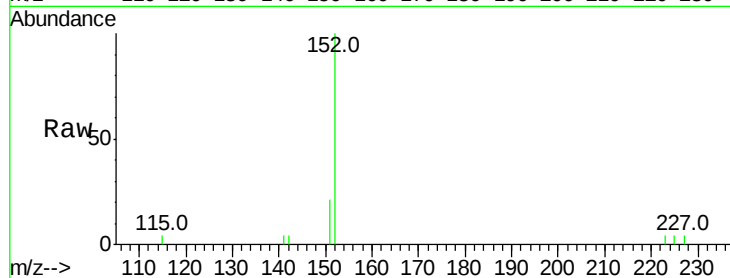




#11
 2-Methylnaphthalene-d10
 Concen: 0.387 ng
 RT: 12.72 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BE096573.D
 Acq: 15 May 2018 10:22

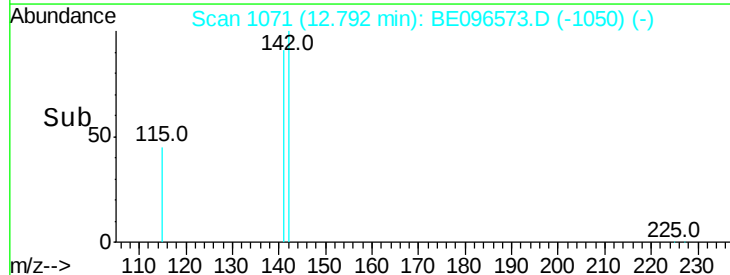
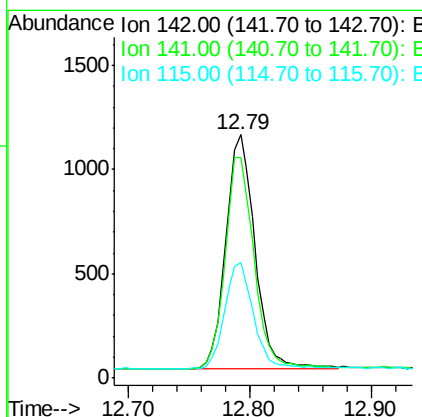
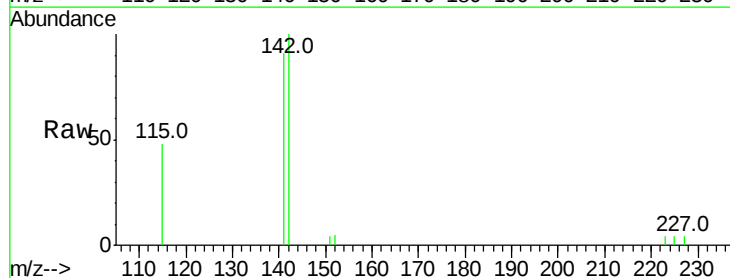
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

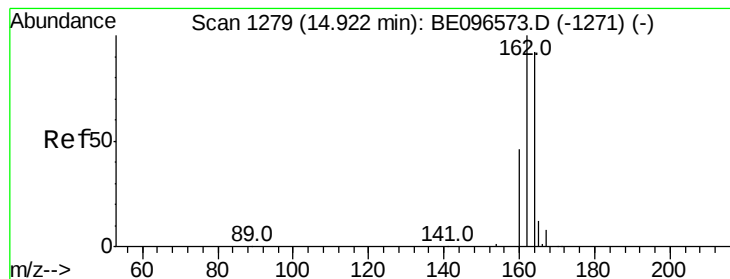
Tot Ion:152 Resp: 1691
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.388 ng
 RT: 12.79 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BE096573.D
 Acq: 15 May 2018 10:22

Tgt Ion:142 Resp: 1863
 Ion Ratio Lower Upper
 142 100
 141 90.8 70.4 105.6
 115 47.7 31.7 47.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.92 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

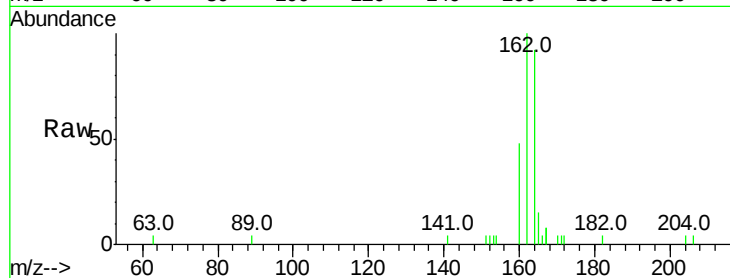
Tot Ion:164 Resp: 1651

Ion Ratio Lower Upper

164 100

162 108.2 83.1 124.7

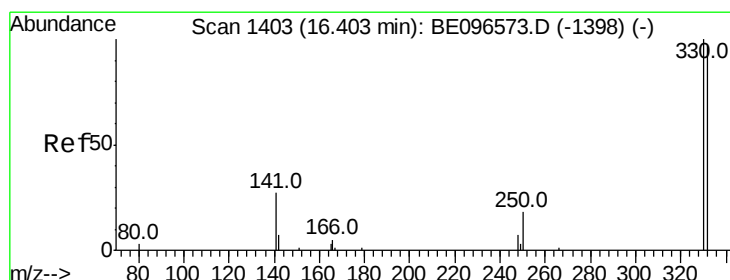
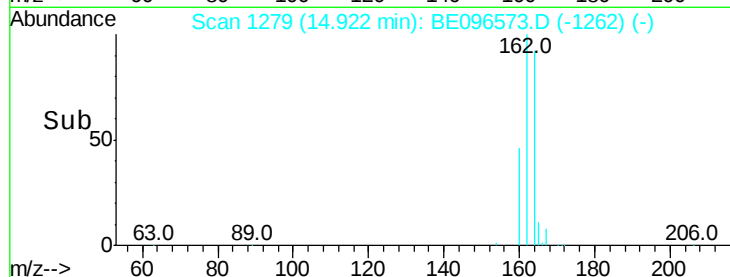
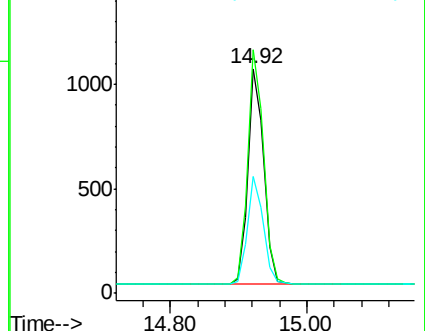
160 52.2 37.1 55.7



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: 0.301 ng

RT: 16.40 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

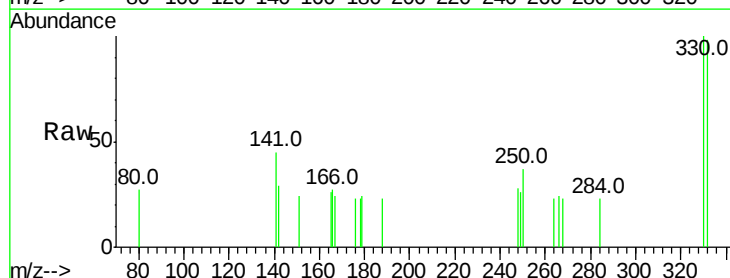
Tgt Ion:330 Resp: 240

Ion Ratio Lower Upper

330 100

332 95.8 152.7 229.1#

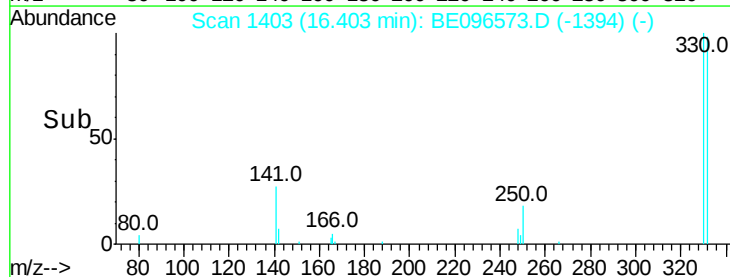
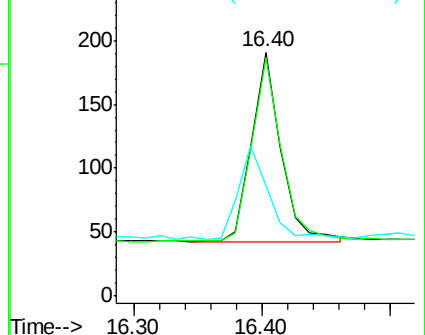
141 50.0 33.7 50.5

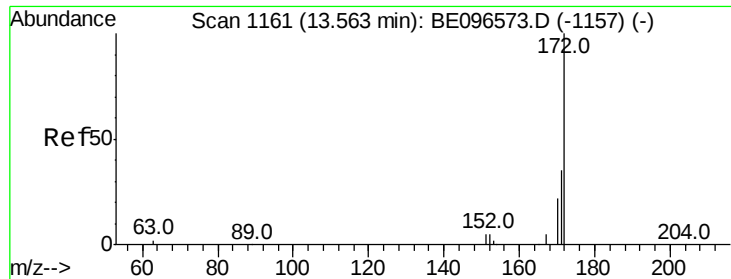


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

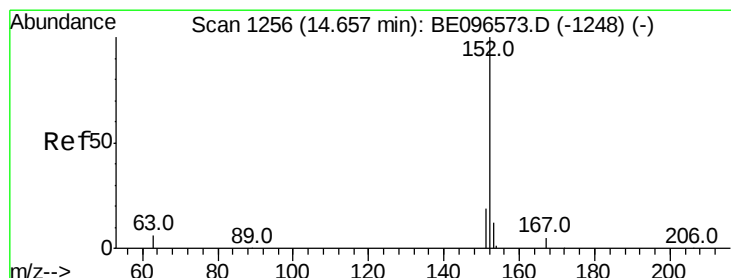
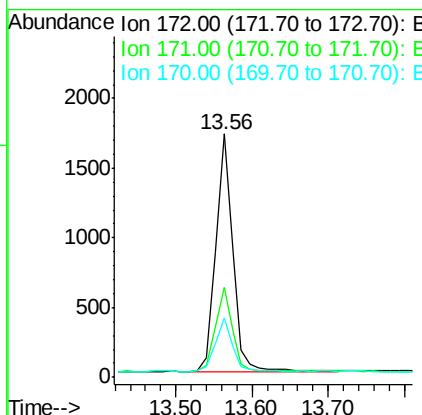
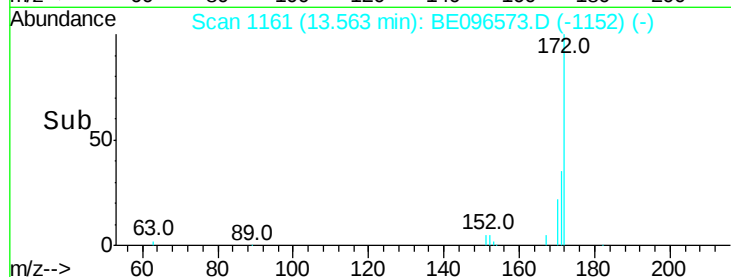
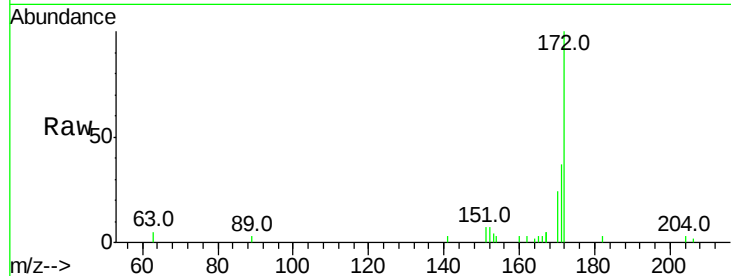




#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.56 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

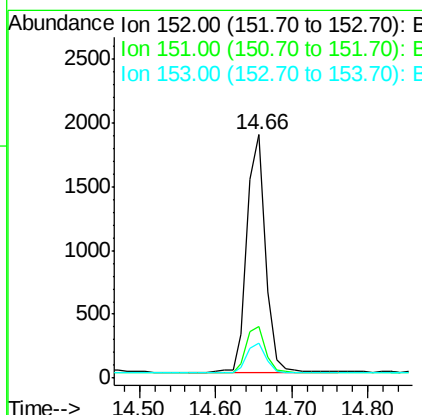
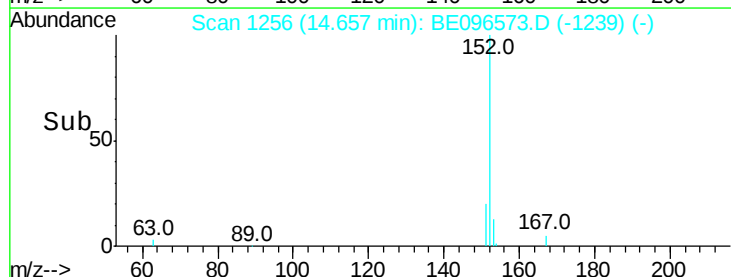
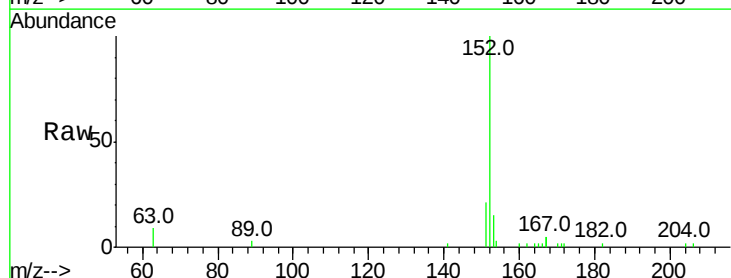
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

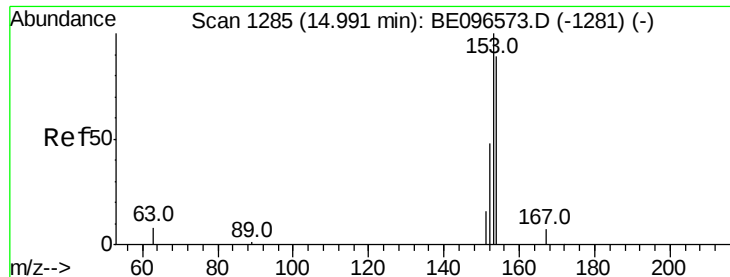
Tot Ion:172 Resp: 2629
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 24.2 21.8 32.8



#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.66 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:152 Resp: 3173
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 12.4 10.5 15.7





#17

Acenaphthene

Concen: 0.372 ng

RT: 14.99 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

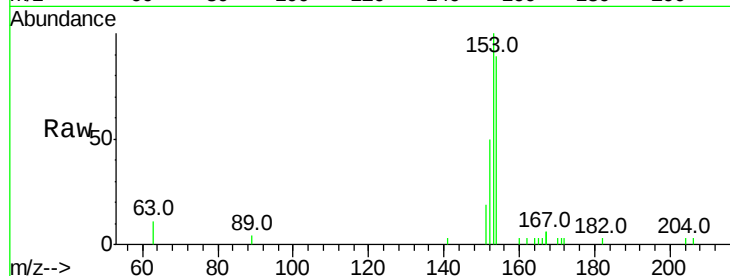
Tot Ion:154 Resp: 1972

Ion Ratio Lower Upper

154 100

153 116.6 89.2 133.8

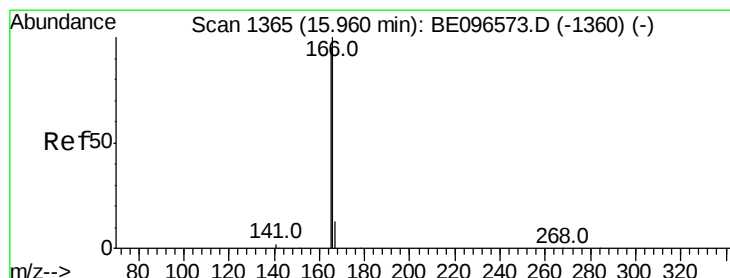
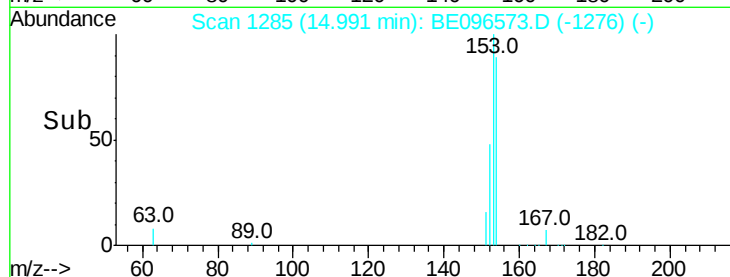
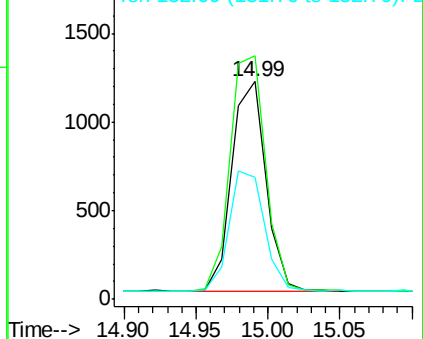
152 58.9 42.0 63.0



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: 0.371 ng

RT: 15.96 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

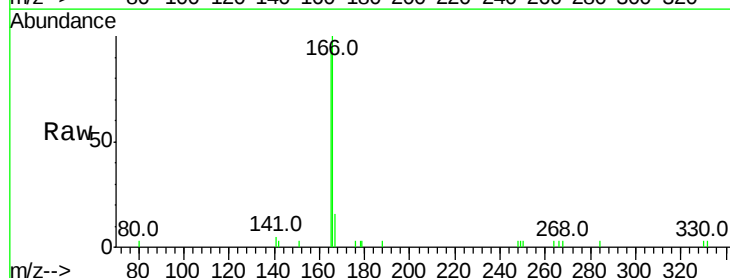
Tgt Ion:166 Resp: 2433

Ion Ratio Lower Upper

166 100

165 128.4 77.8 116.6#

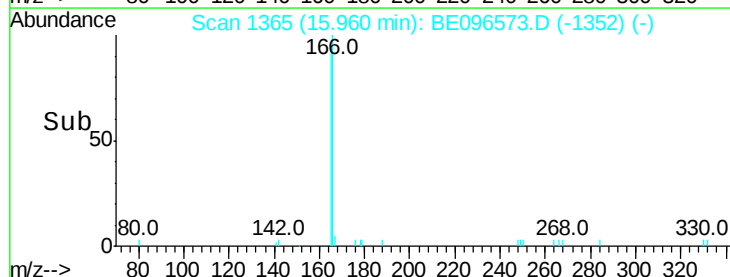
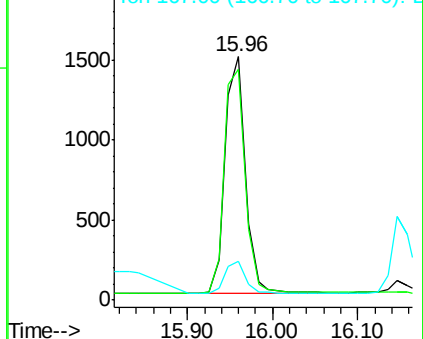
167 14.0 42.4 63.6#

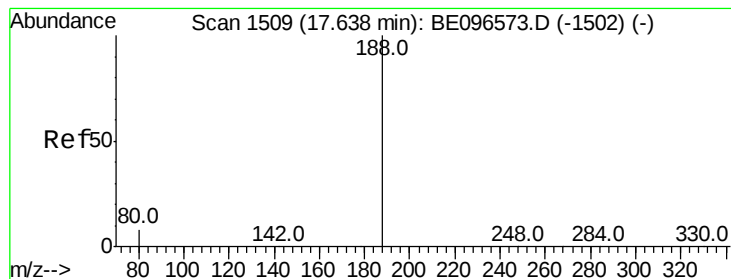


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.64 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

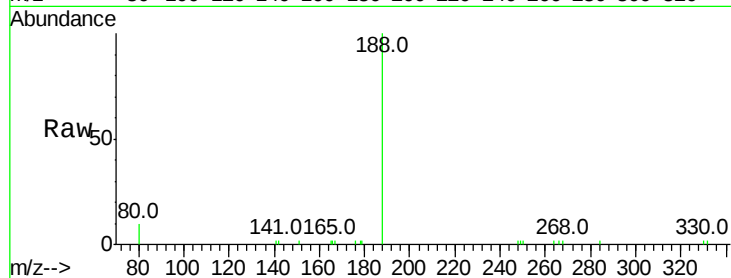
Tot Ion:188 Resp: 3714

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

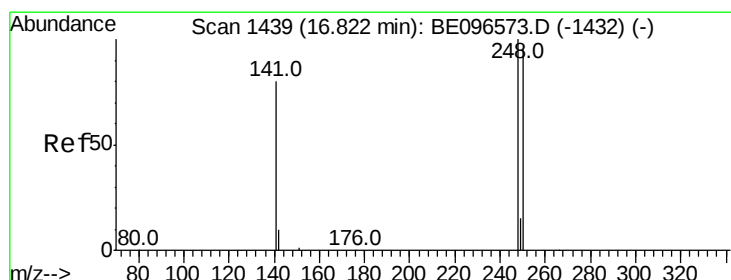
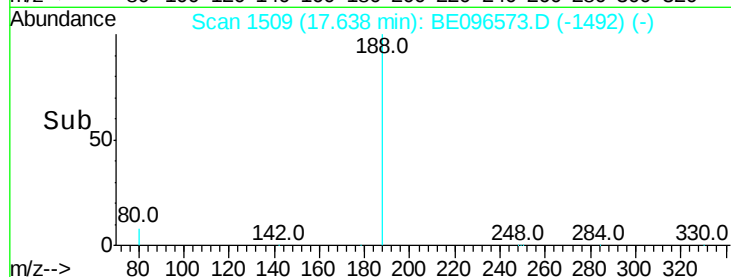
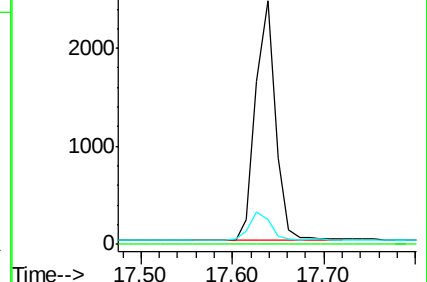
80 10.0 3.6 5.4#



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: 0.383 ng

RT: 16.82 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

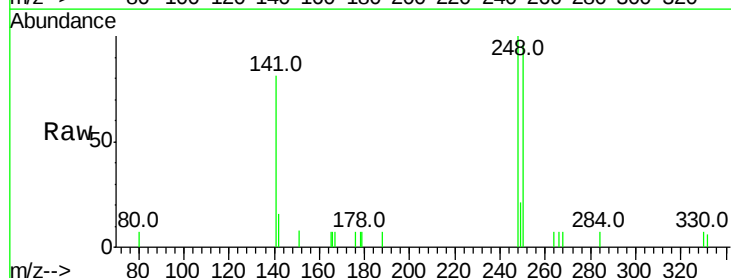
Tgt Ion:248 Resp: 845

Ion Ratio Lower Upper

248 100

250 95.7 62.7 94.1#

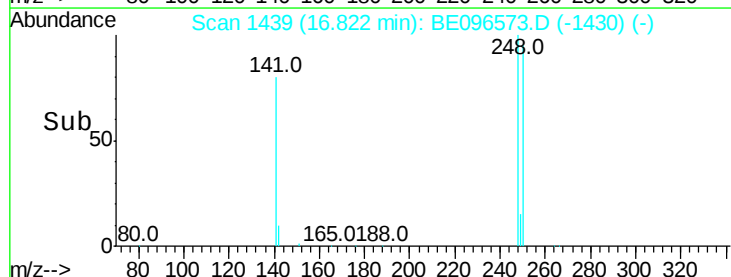
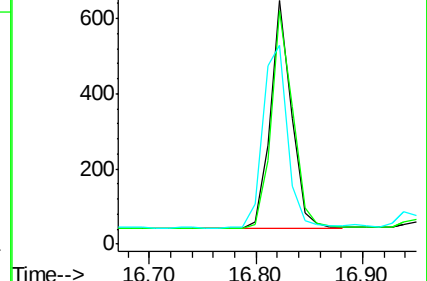
141 81.5 48.2 72.2#

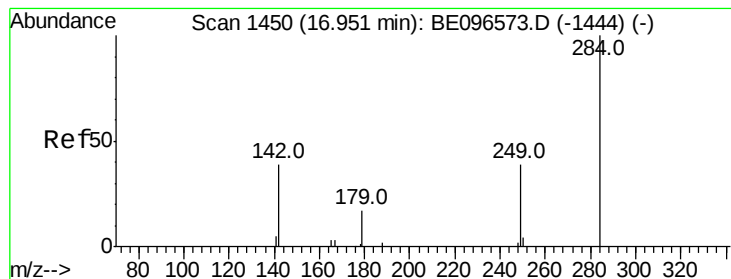


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.400 ng

RT: 16.95 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

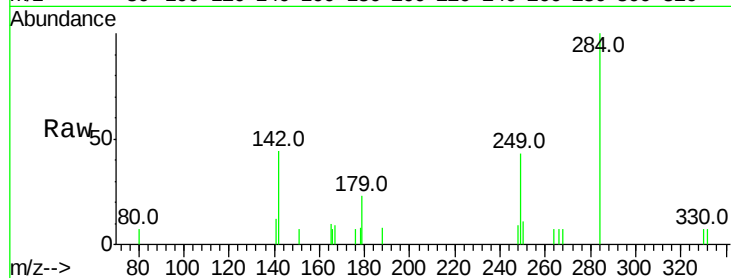
Tot Ion:284 Resp: 880

Ion Ratio Lower Upper

284 100

142 46.1 22.1 33.1#

249 37.0 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

16.95

600

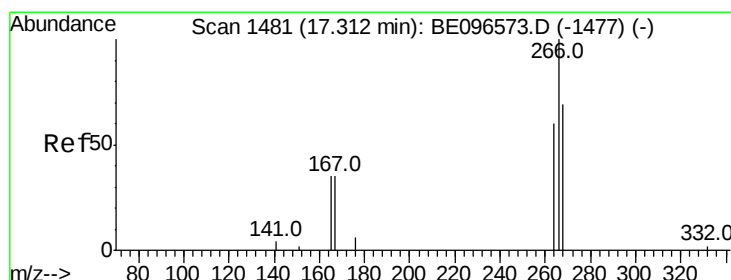
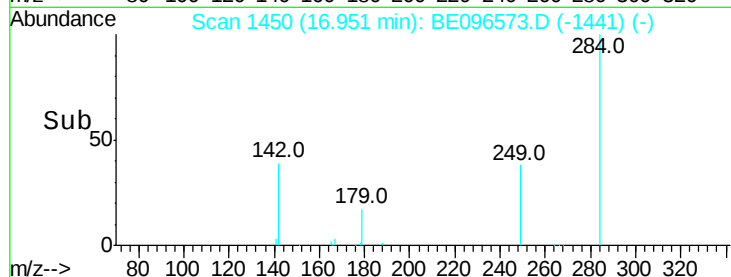
400

200

0

16.90 17.00

Time-->



#22

Pentachlorophenol

Concen: 0.176 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

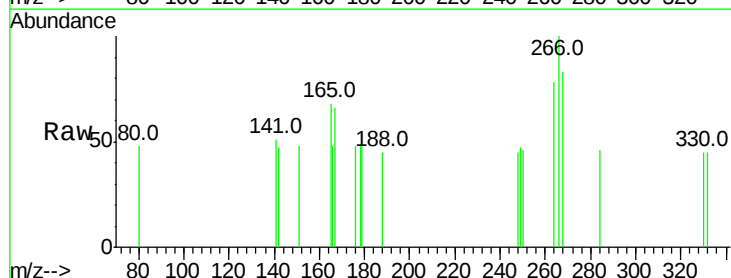
Tgt Ion:266 Resp: 127

Ion Ratio Lower Upper

266 100

264 78.1 72.5 108.7

268 83.3 73.8 110.6



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

17.31

120

100

80

60

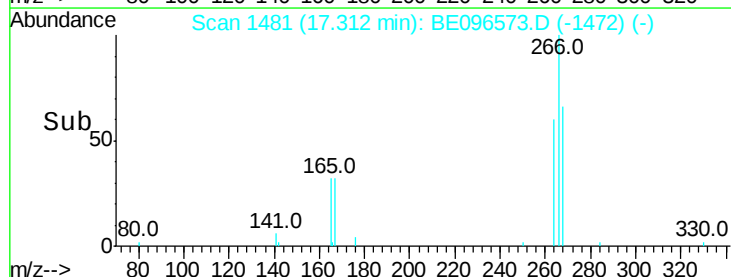
40

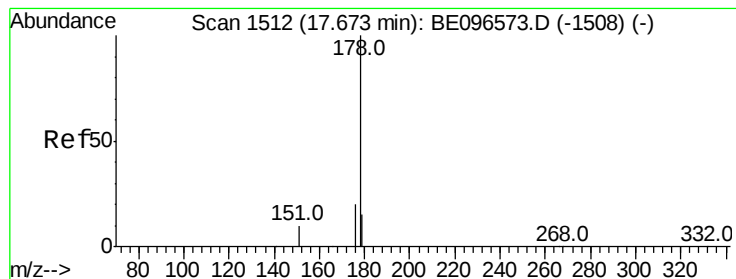
20

0

17.30 17.40

Time-->





#23

Phenanthrene

Concen: 0.378 ng

RT: 17.67 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

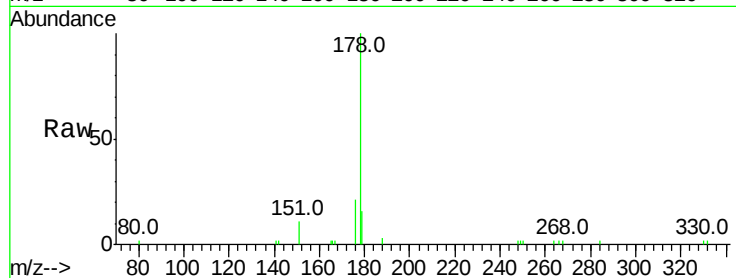
Tot Ion:178 Resp: 3949

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

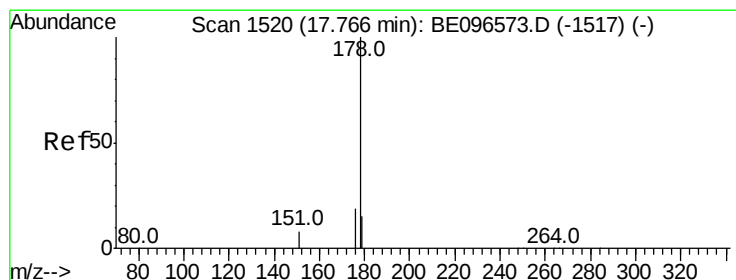
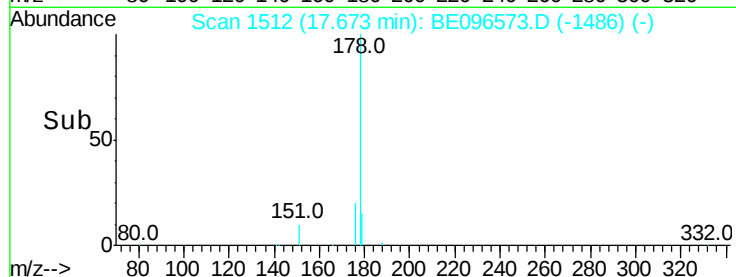
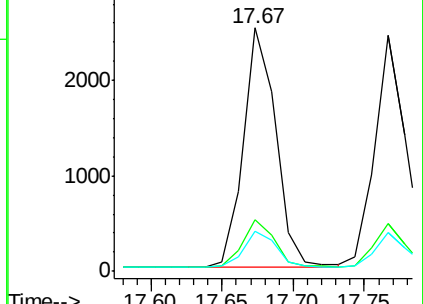
179 14.6 11.8 17.6



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: 0.366 ng

RT: 17.77 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

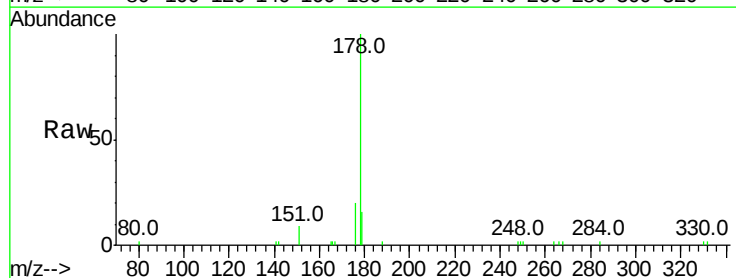
Tgt Ion:178 Resp: 3653

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

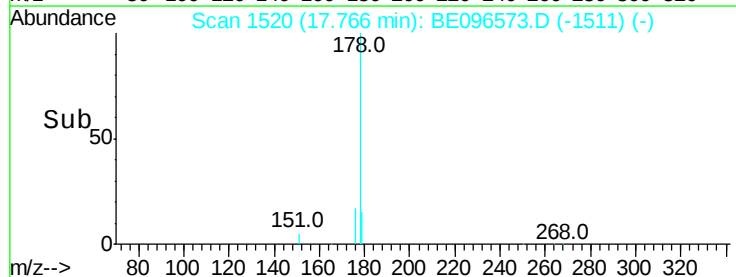
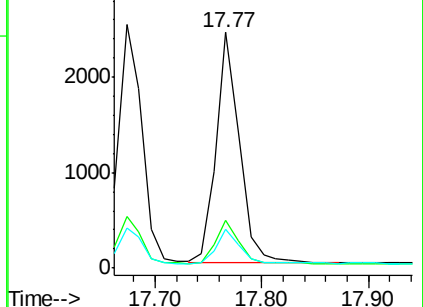
179 15.1 13.0 19.6

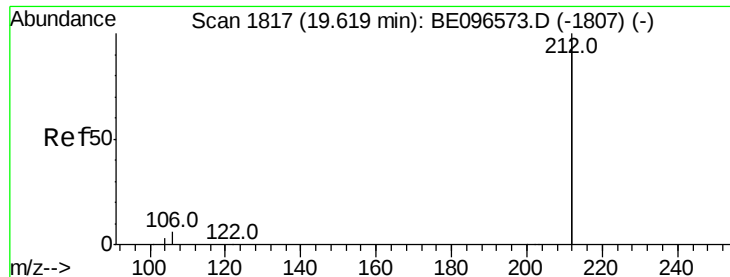


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

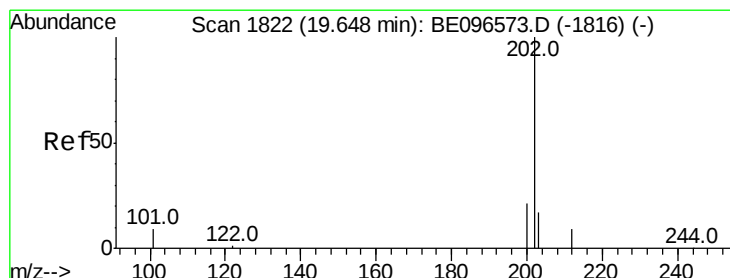
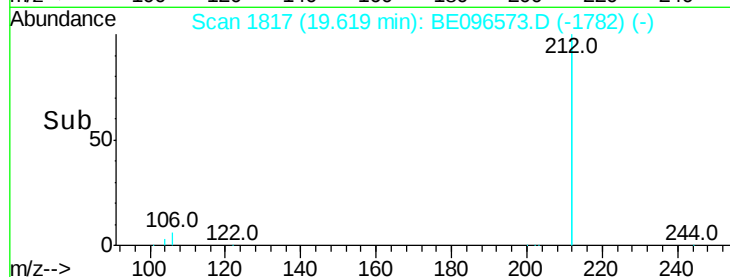
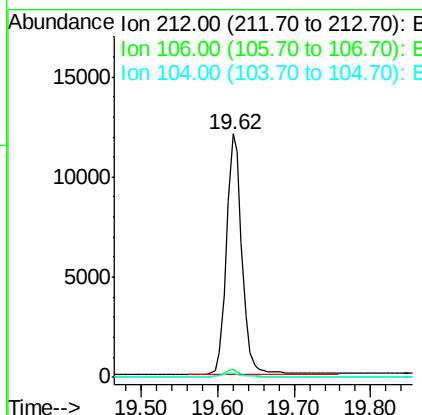
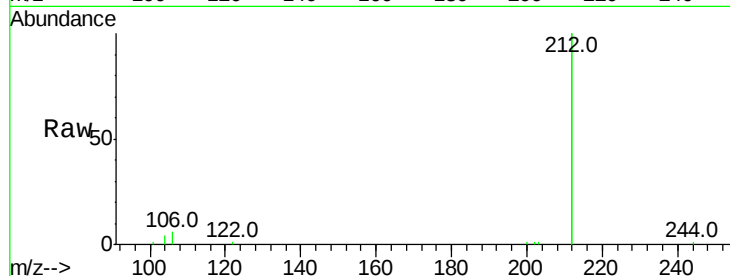




#25
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

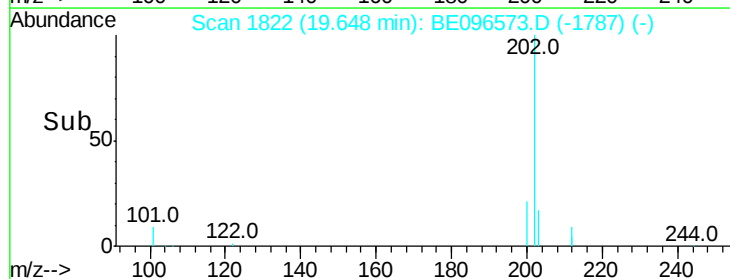
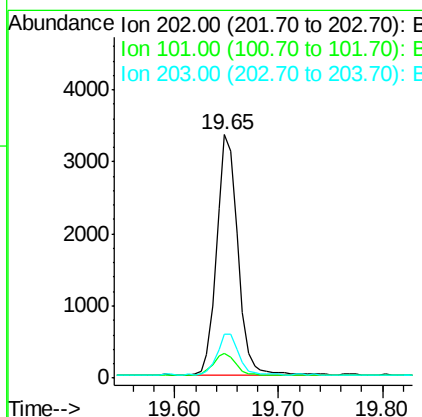
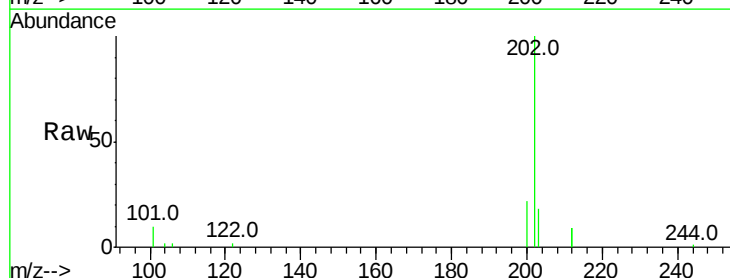
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

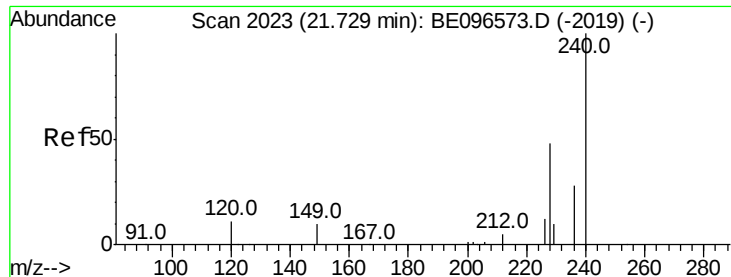
Tot Ion:212 Resp: 16919
Ion Ratio Lower Upper
212 100
106 2.7 2.8 4.2#
104 1.6 1.6 2.4#



#26
Fluoranthene
Concen: 0.340 ng
RT: 19.65 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:202 Resp: 4665
Ion Ratio Lower Upper
202 100
101 9.3 9.8 14.8#
203 17.1 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.73 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

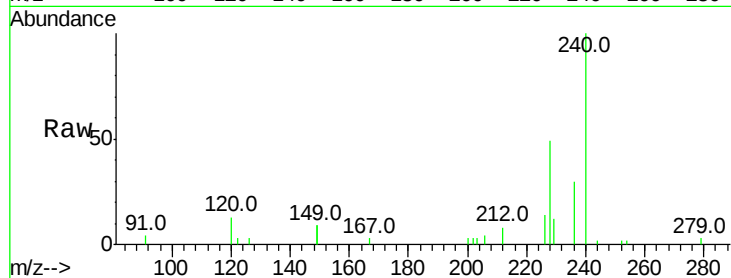
Tot Ion:240 Resp: 3531

Ion Ratio Lower Upper

240 100

120 13.2 5.5 8.3#

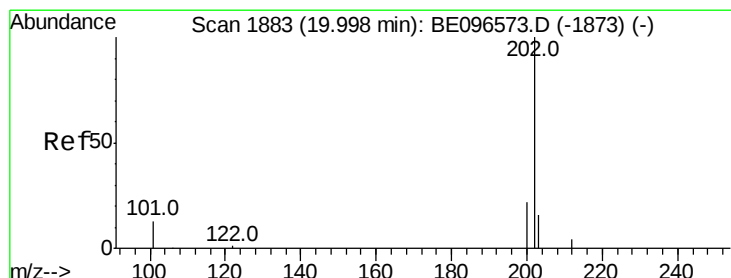
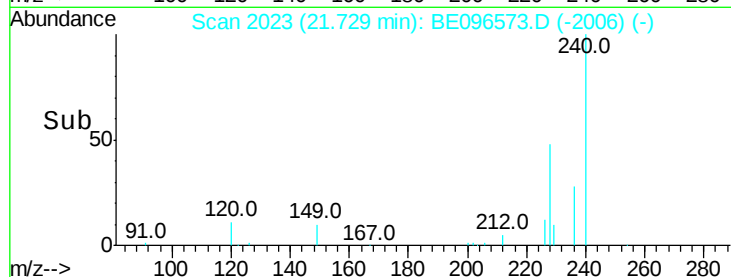
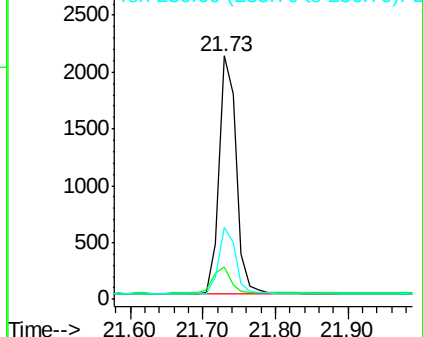
236 29.8 20.7 31.1



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: 0.345 ng

RT: 20.00 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

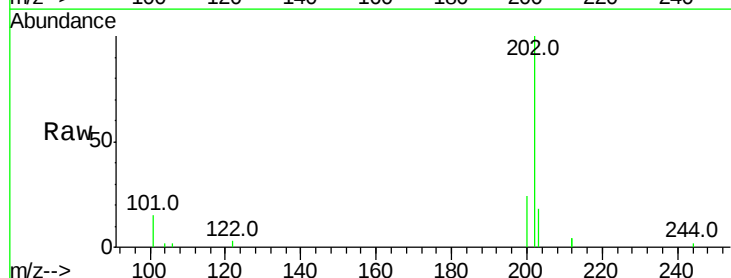
Tgt Ion:202 Resp: 2401

Ion Ratio Lower Upper

202 100

200 23.7 16.6 25.0

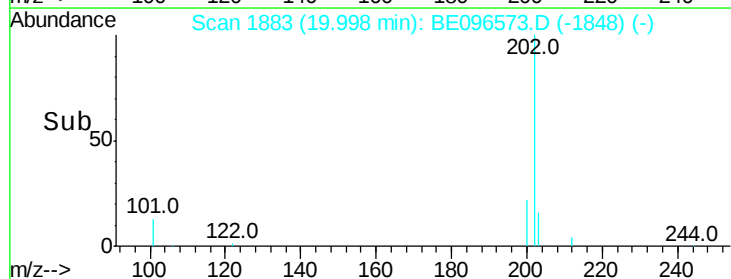
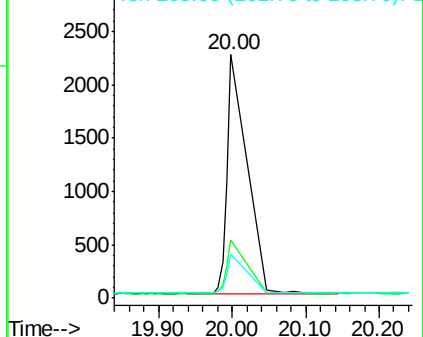
203 18.2 13.8 20.8

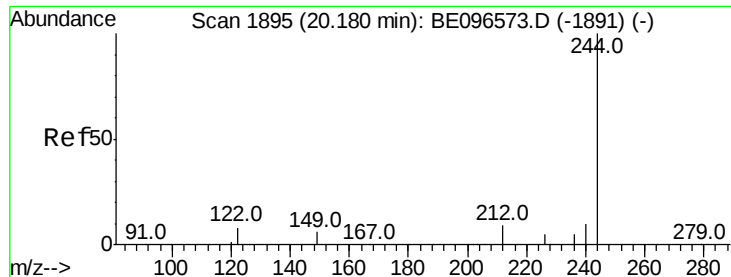


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.396 ng

RT: 20.18 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

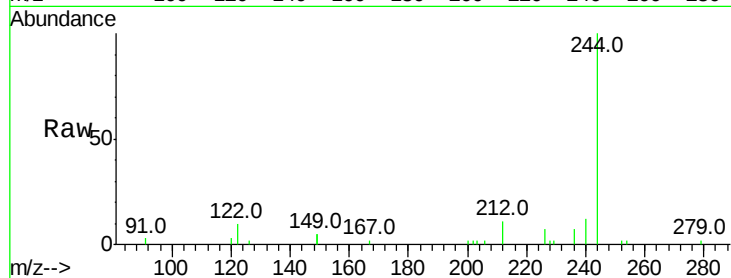
Tot Ion:244 Resp: 3088

Ion Ratio Lower Upper

244 100

212 10.5 25.4 38.0#

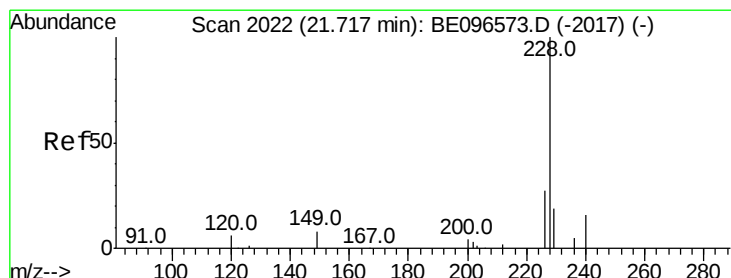
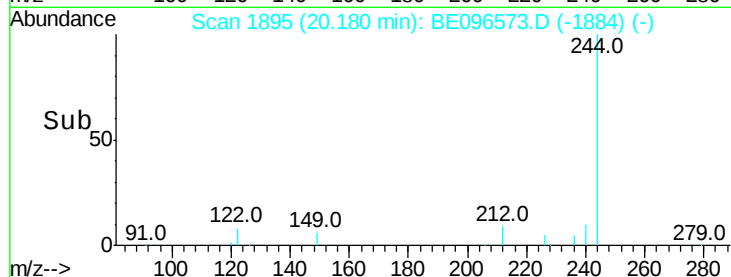
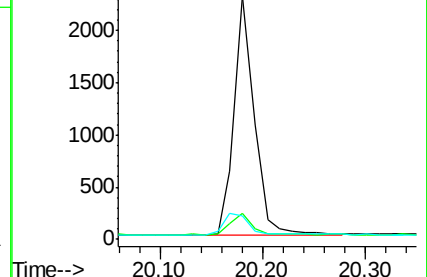
122 9.8 8.1 12.1



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



#30

Benzo(a)anthracene

Concen: 0.358 ng

RT: 21.72 min Scan# 222

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

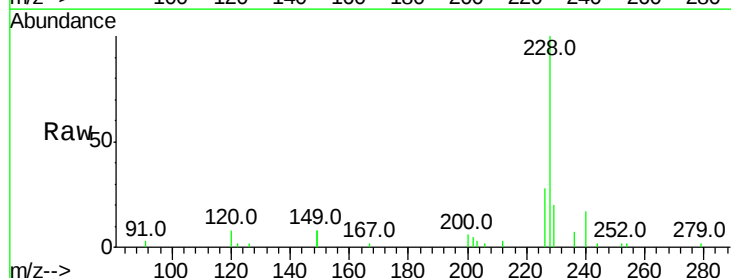
Tgt Ion:228 Resp: 4050

Ion Ratio Lower Upper

228 100

226 28.1 24.0 36.0

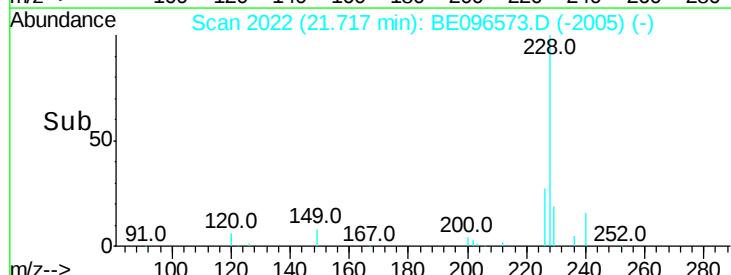
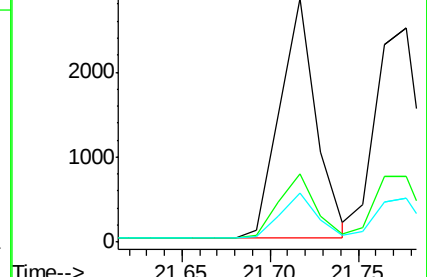
229 20.4 16.0 24.0

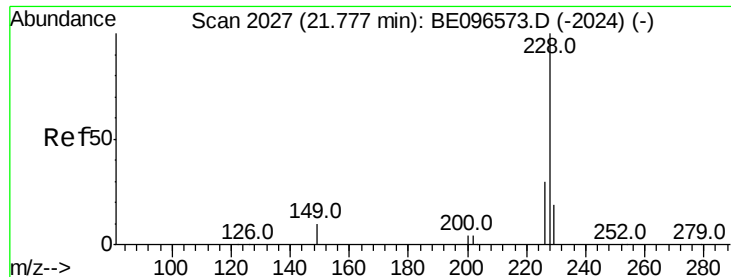


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.390 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

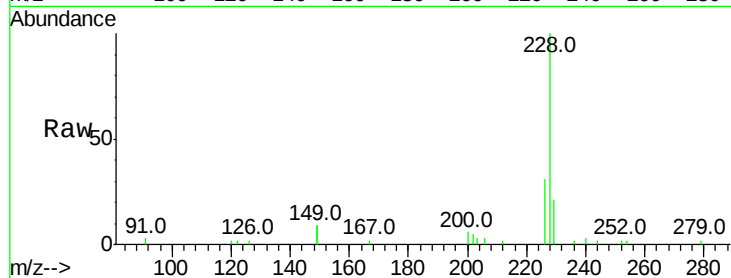
Tot Ion:228 Resp: 4264

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

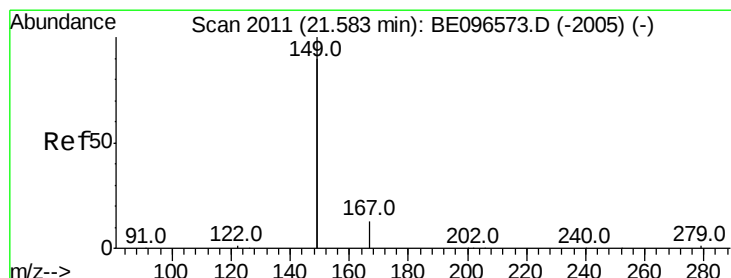
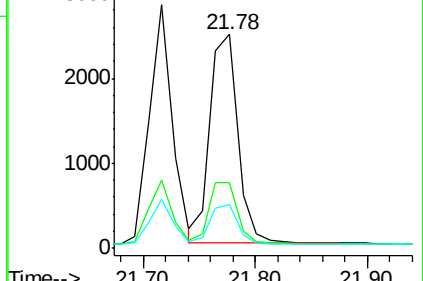
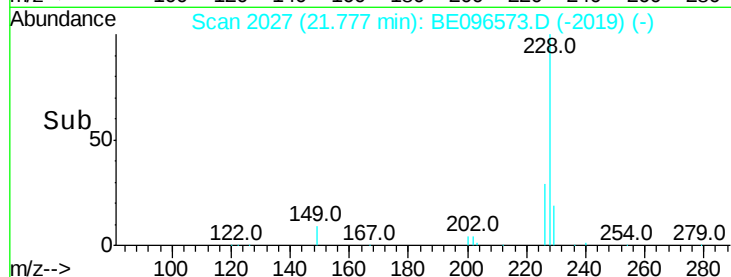
229 20.6 16.0 24.0



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: 0.286 ng

RT: 21.58 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

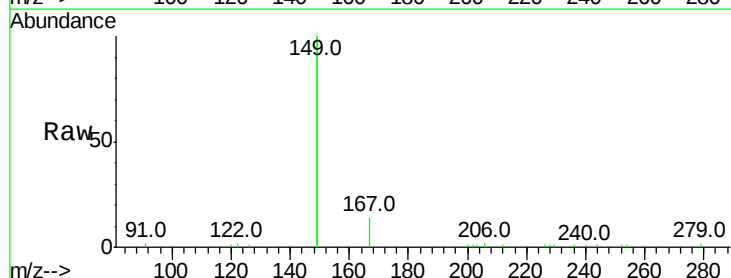
Tgt Ion:149 Resp: 8354

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

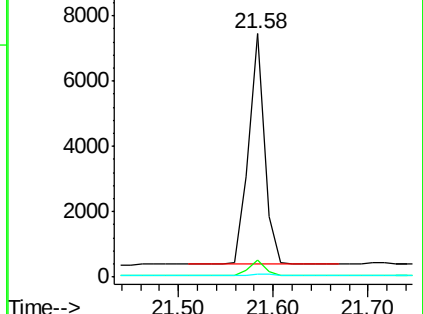
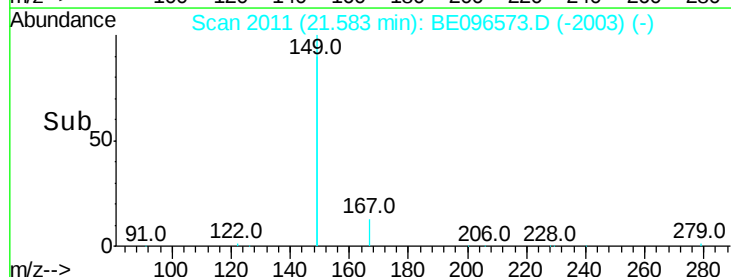
279 0.8 0.7 1.1

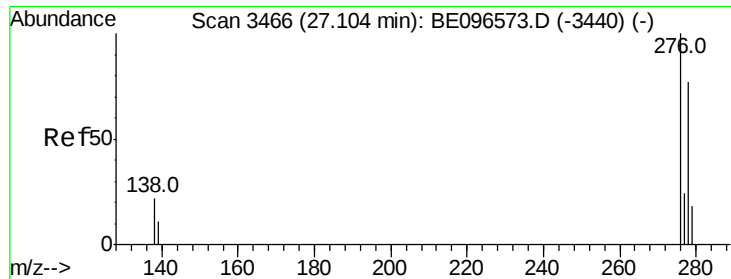


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.389 ng

RT: 27.10 min Scan# 3466

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

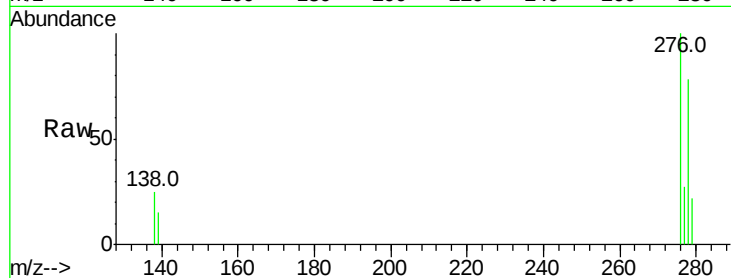
Tot Ion:276 Resp: 4125

Ion Ratio Lower Upper

276 100

138 21.8 22.5 33.7#

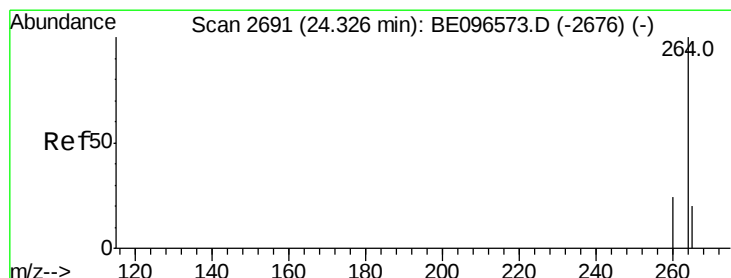
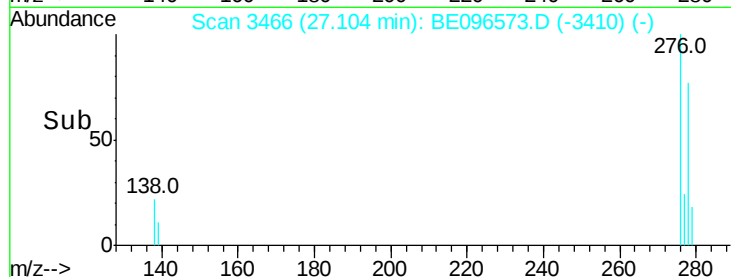
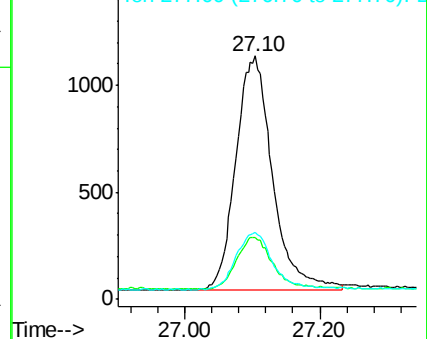
277 24.2 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.33 min Scan# 2691

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

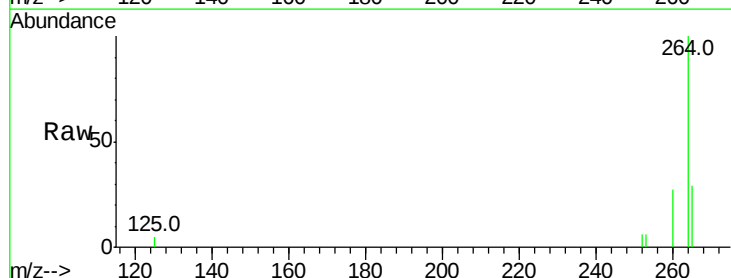
Tgt Ion:264 Resp: 3270

Ion Ratio Lower Upper

264 100

260 26.8 20.5 30.7

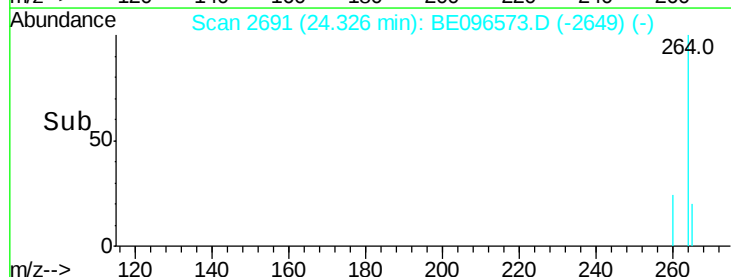
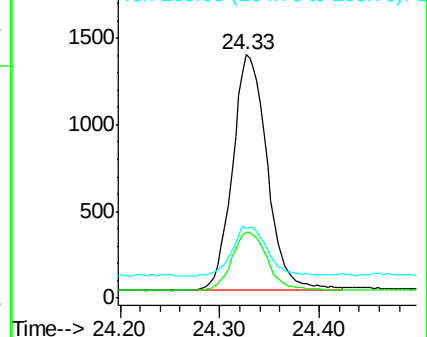
265 28.6 22.8 34.2

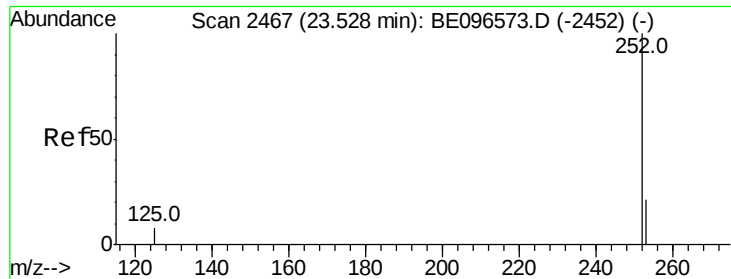


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

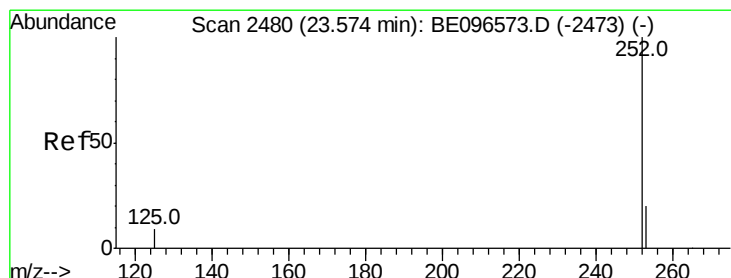
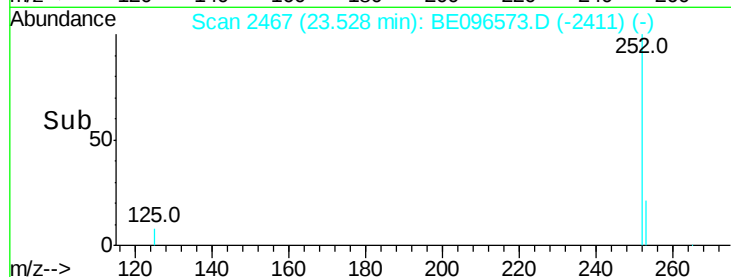
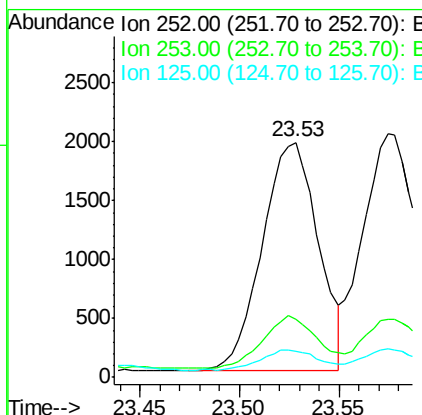
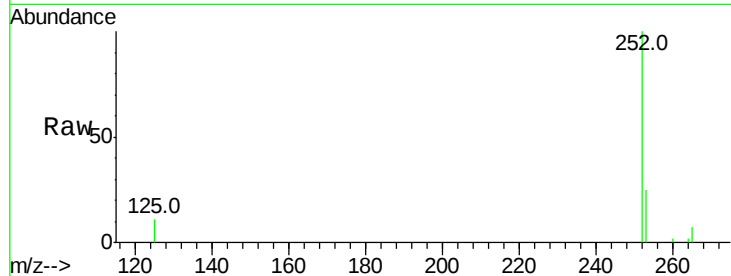




#35
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 23.53 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

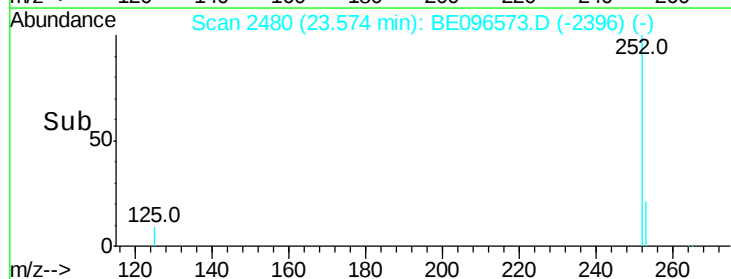
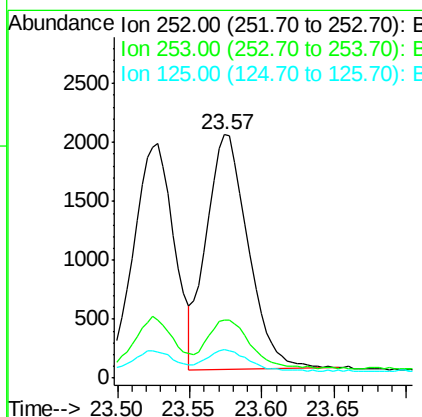
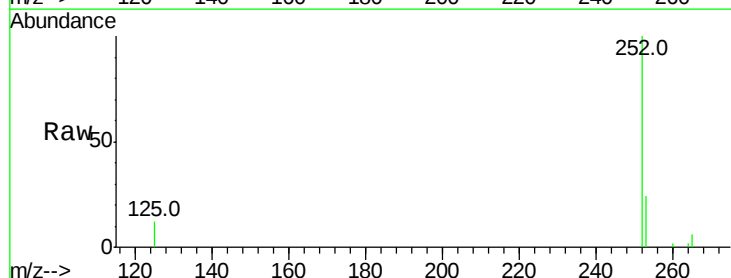
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

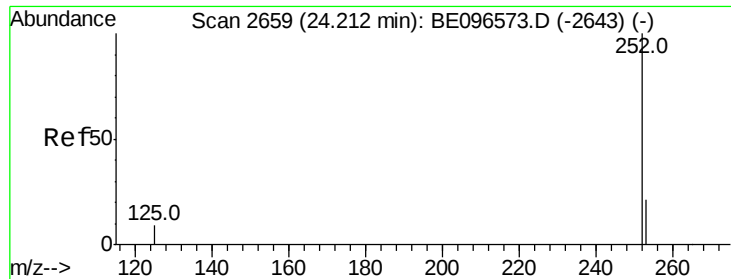
Tot Ion:252 Resp: 3776
Ion Ratio Lower Upper
252 100
253 24.6 20.0 30.0
125 11.1 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 23.57 min Scan# 2480
Delta R.T. 0.00 min
Lab File: BE096573.D
Acq: 15 May 2018 10:22

Tgt Ion:252 Resp: 3989
Ion Ratio Lower Upper
252 100
253 23.9 16.0 24.0
125 11.7 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.386 ng

RT: 24.21 min Scan# 2659

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

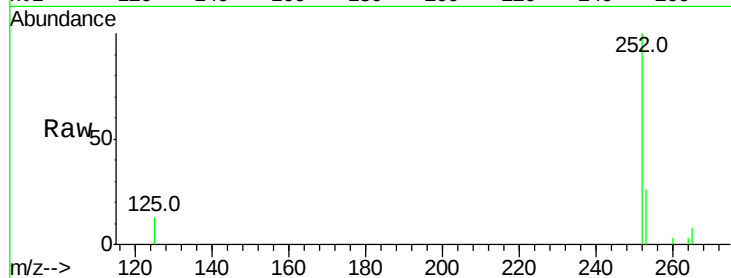
Tot Ion:252 Resp: 3636

Ion Ratio Lower Upper

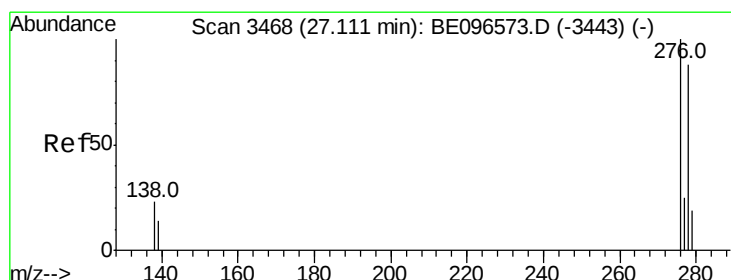
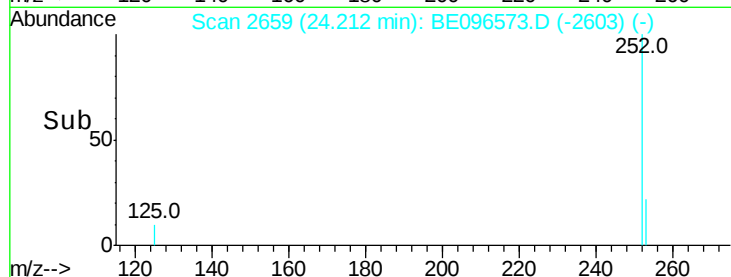
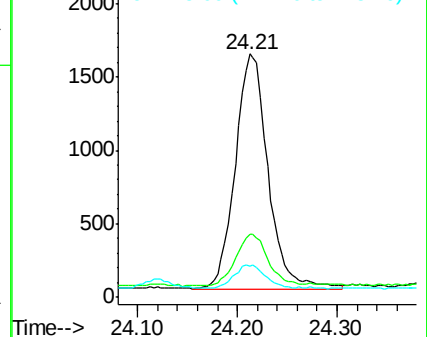
252 100

253 25.7 16.0 24.0#

125 12.9 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: 0.403 ng

RT: 27.11 min Scan# 3468

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

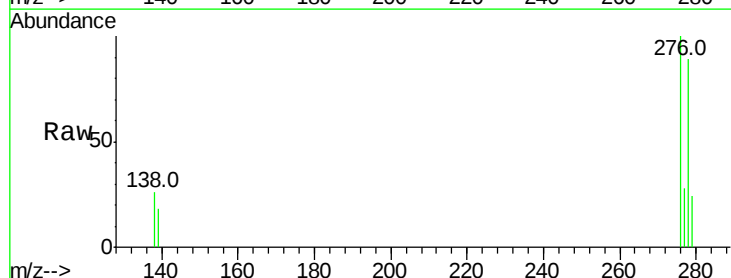
Tgt Ion:278 Resp: 3352

Ion Ratio Lower Upper

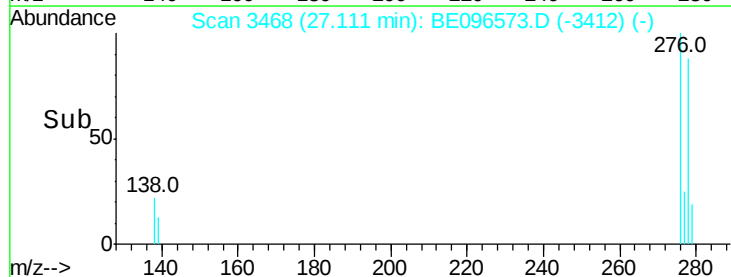
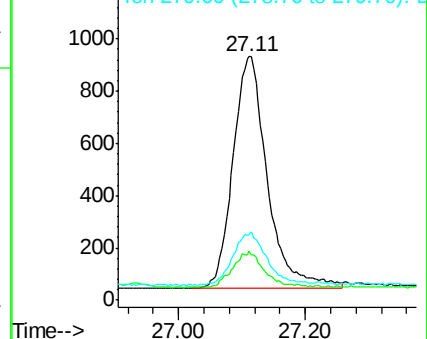
278 100

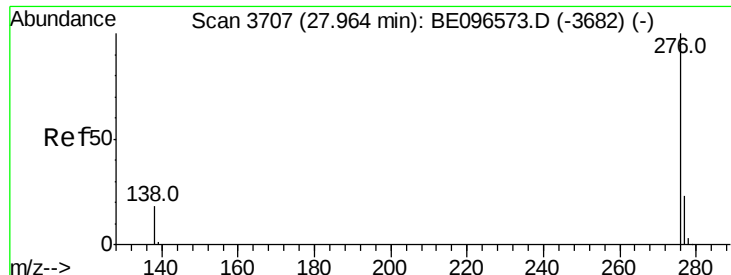
139 20.0 16.0 24.0

279 26.8 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: 0.394 ng

RT: 27.96 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BE096573.D

Acq: 15 May 2018 10:22

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

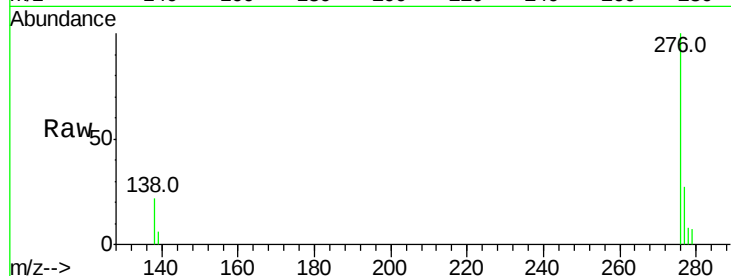
Tot Ion: 276 Resp: 3464

Ion Ratio Lower Upper

276 100

277 26.7 16.0 24.0#

138 22.1 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

