

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE043018\
 Data File : BE096229.D
 Acq On : 30 Apr 2018 19:35
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 01 02:30:11 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	696	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	2589	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1446	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	3478	0.40	ng	0.00
27) Chrysene-d12	21.75	240	3585	0.40	ng	0.01
34) Perylene-d12	24.35	264	3471	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.87	112	833	0.39	ng	0.01
5) Phenol-d6	7.52	99	1178	0.40	ng	0.01
8) Nitrobenzene-d5	9.45	82	113	0.04	ng	-0.09
11) 2-Methylnaphthalene-d10	12.73	152	1504	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	262	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	2273	0.37	ng	0.00
25) Fluoranthene-d10	19.64	212	17628	0.37	ng	0.00
29) Terphenyl-d14	20.19	244	3216	0.41	ng	0.00

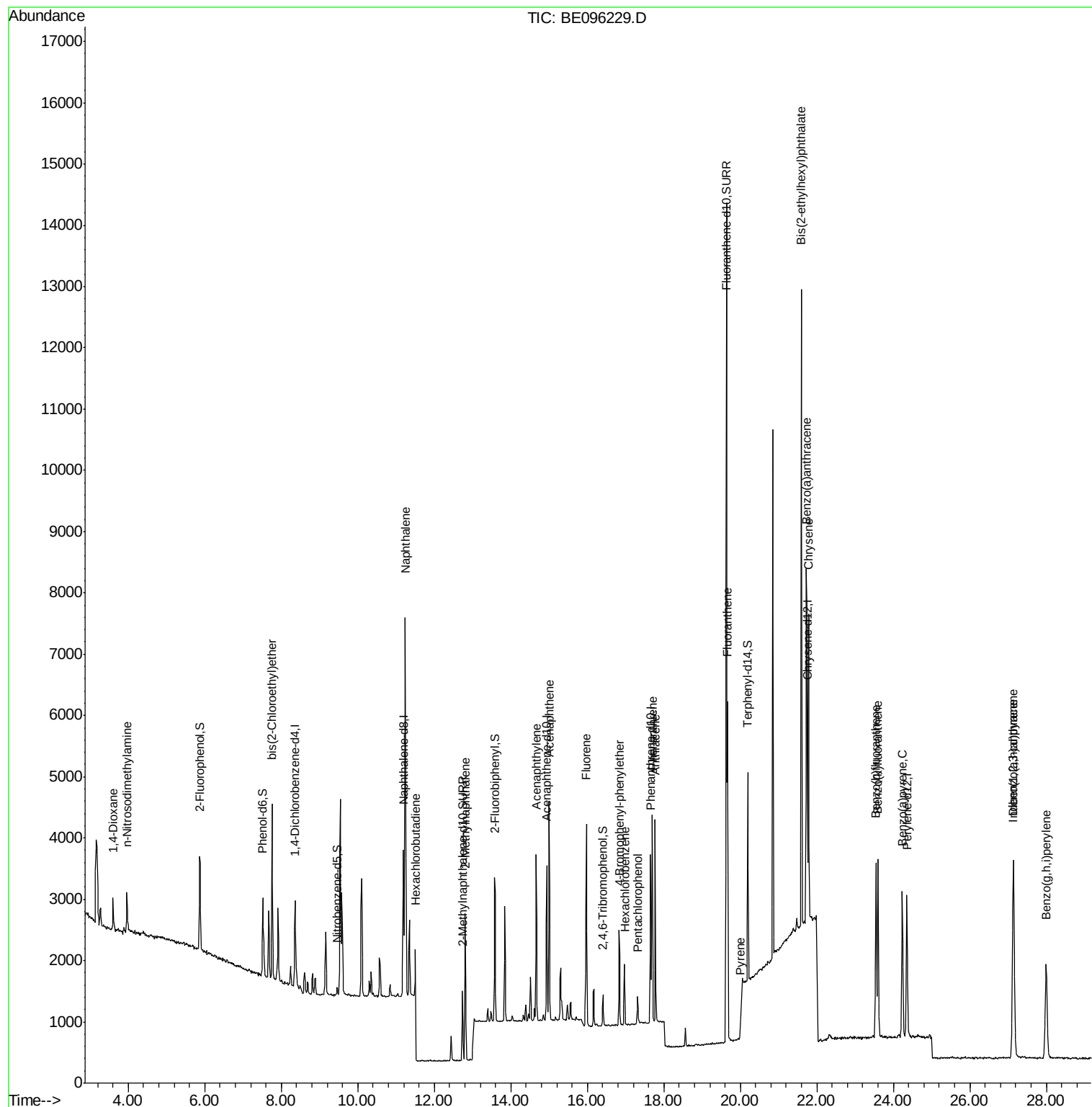
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	372	0.346	ng	89
3) n-Nitrosodimethylamine	3.96	42	521	0.396	ng	# 80
6) bis(2-Chloroethyl)ether	7.76	93	955	0.365	ng	99
9) Naphthalene	11.24	128	10186	0.373	ng	99
10) Hexachlorobutadiene	11.50	225	298	0.246	ng	96
12) 2-Methylnaphthalene	12.81	142	1651	0.365	ng	94
16) Acenaphthylene	14.67	152	2876	0.372	ng	99
17) Acenaphthene	15.00	154	1699	0.366	ng	94
18) Fluorene	15.97	166	2102	0.366	ng	# 64
20) 4-Bromophenyl-phenylether	16.83	248	757	0.366	ng	# 67
21) Hexachlorobenzene	16.97	284	744	0.361	ng	# 79
22) Pentachlorophenol	17.31	266	256	0.405	ng	# 81
23) Phenanthrene	17.70	178	3760	0.385	ng	99
24) Anthracene	17.78	178	3538	0.379	ng	# 95
26) Fluoranthene	19.67	202	4962	0.386	ng	98
28) Pyrene	20.00	202	226	0.032	ng	# 71
30) Benzo(a)anthracene	21.73	228	4461	0.388	ng	98
31) Chrysene	21.79	228	4463	0.402	ng	97
32) Bis(2-ethylhexyl)phthalate	21.60	149	12742	0.429	ng	99
33) Indeno(1,2,3-cd)pyrene	27.13	276	4453	0.414	ng	96
35) Benzo(b)fluoranthene	23.55	252	4084	0.392	ng	# 93
36) Benzo(k)fluoranthene	23.60	252	4153	0.388	ng	# 87
37) Benzo(a)pyrene	24.23	252	3885	0.388	ng	# 89
38) Dibenzo(a,h)anthracene	27.14	278	3648	0.413	ng	92
39) Benzo(g,h,i)perylene	28.00	276	3707	0.397	ng	# 92

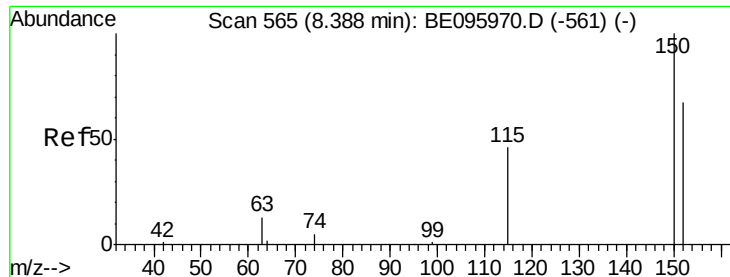
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.36 min Scan# 562

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

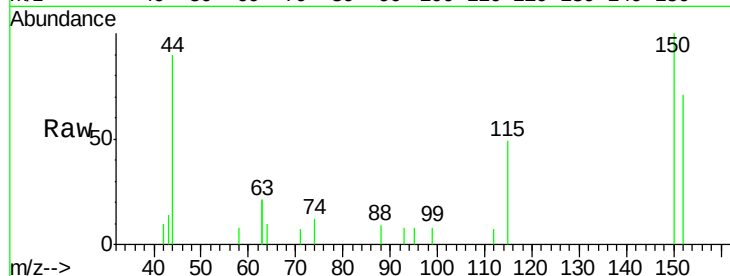
Tgt Ion: 152 Resp: 696

Ion Ratio Lower Upper

152 100

150 140.4 117.2 175.8

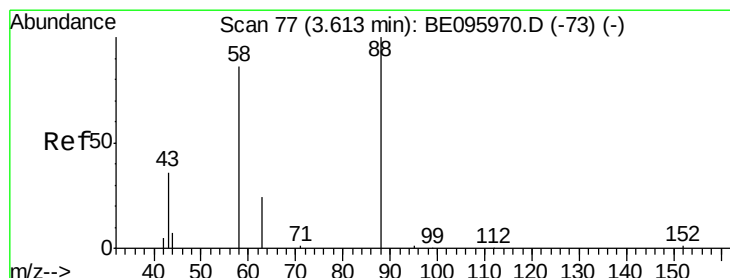
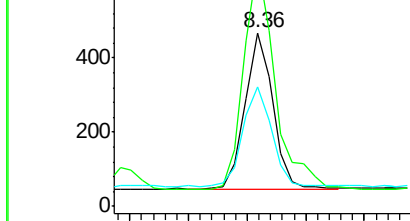
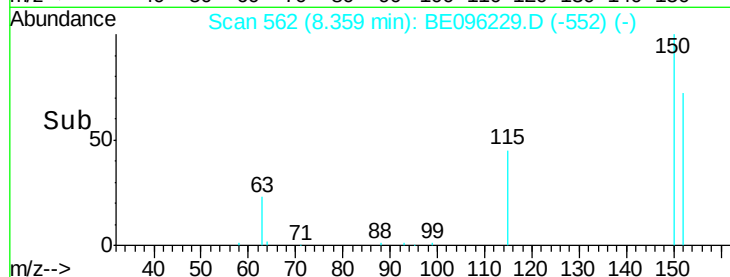
115 68.8 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.346 ng

RT: 3.60 min Scan# 76

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

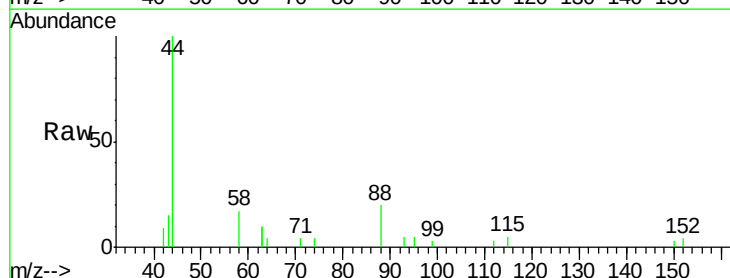
Tgt Ion: 88 Resp: 372

Ion Ratio Lower Upper

88 100

58 89.8 63.2 94.8

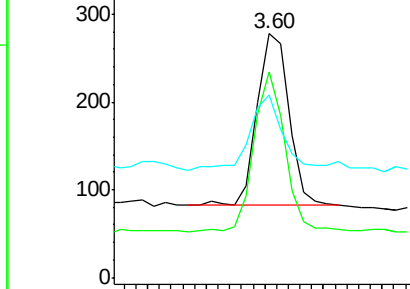
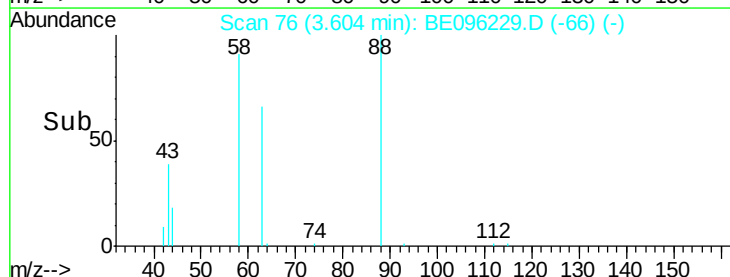
43 45.2 41.2 61.8

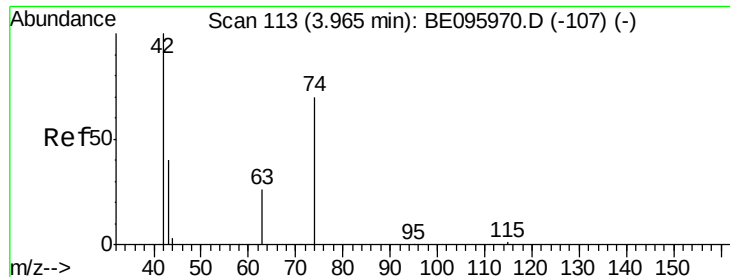


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

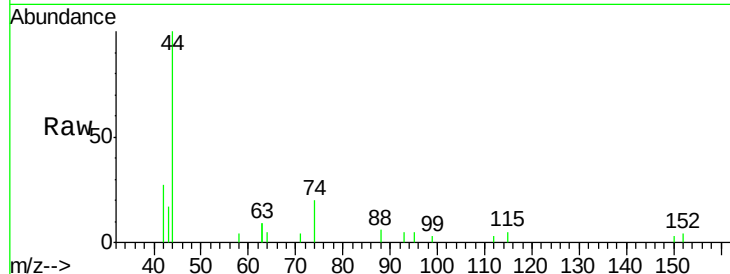




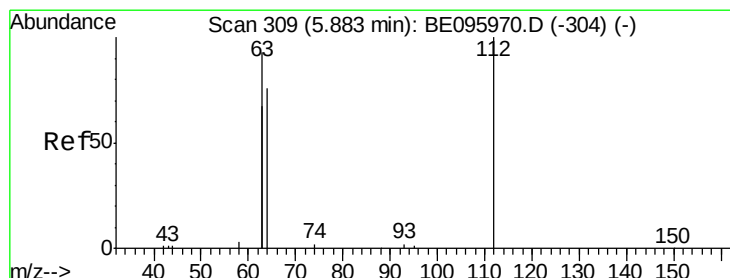
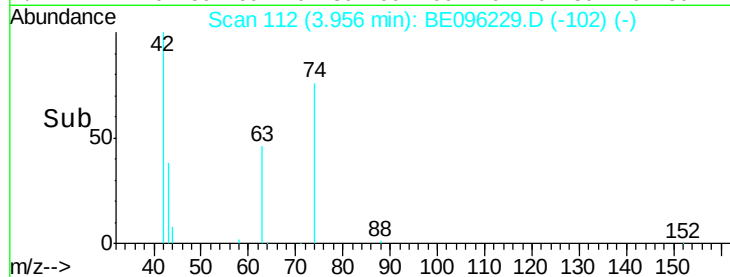
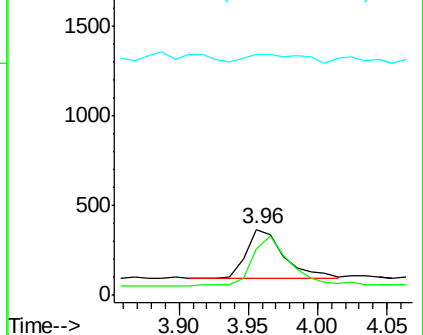
#3
 n-Nitrosodimethylamine
 Concen: 0.396 ng
 RT: 3.96 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: BE096229.D
 Acq: 30 Apr 2018 19:35

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 42 Resp: 521
 Ion Ratio Lower Upper
 42 100
 74 98.7 96.0 144.0
 44 25.1 12.0 18.0#

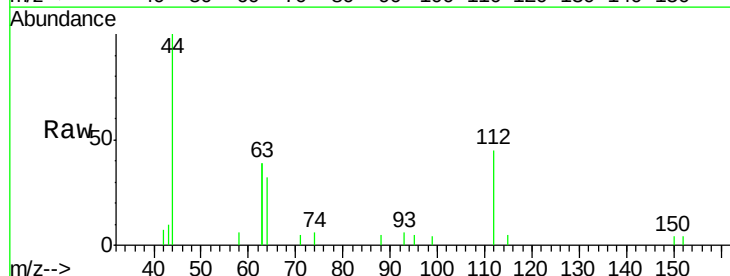


Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0

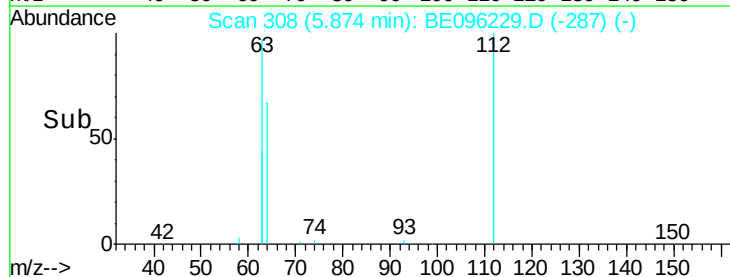
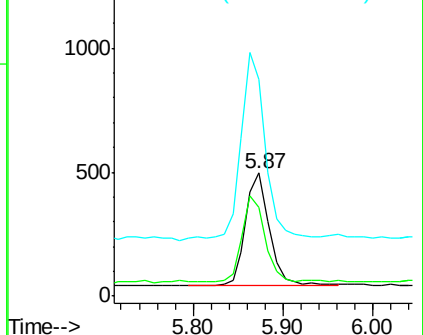


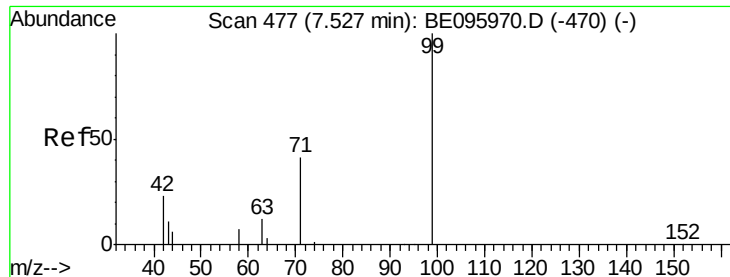
#4
 2-Fluorophenol
 Concen: 0.387 ng
 RT: 5.87 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: BE096229.D
 Acq: 30 Apr 2018 19:35

Tgt Ion: 112 Resp: 833
 Ion Ratio Lower Upper
 112 100
 64 77.7 60.1 90.1
 63 172.5 116.8 175.2



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: 0.397 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

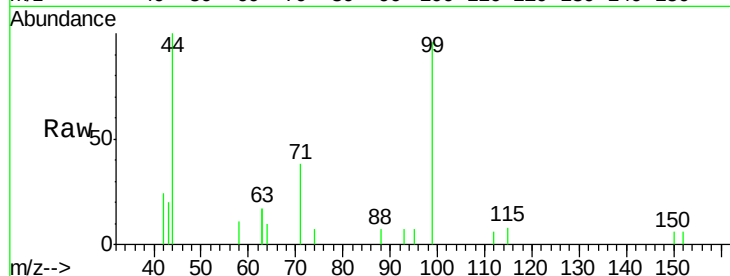
Tgt Ion: 99 Resp: 1178

Ion Ratio Lower Upper

99 100

42 25.3 20.2 30.2

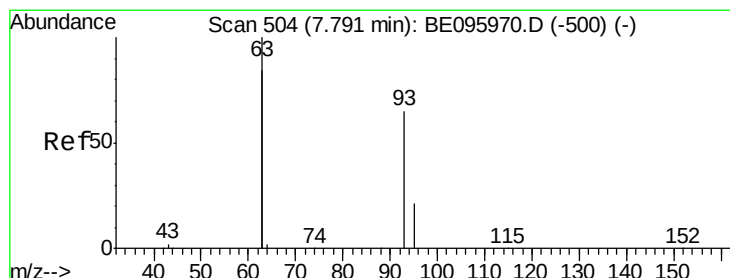
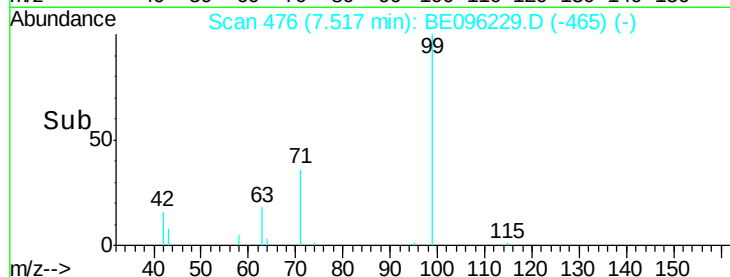
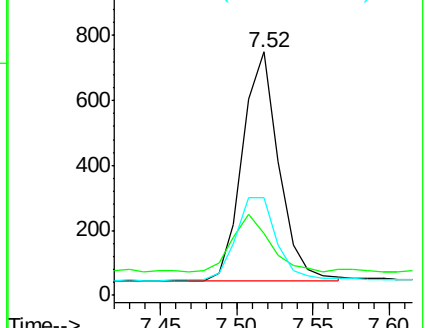
71 40.7 28.4 42.6



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: 0.365 ng

RT: 7.76 min Scan# 501

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

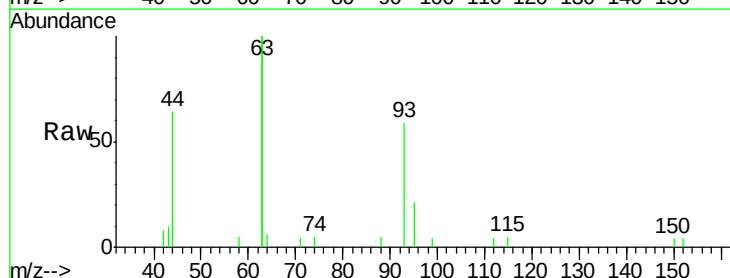
Tgt Ion: 93 Resp: 955

Ion Ratio Lower Upper

93 100

63 342.2 275.3 412.9

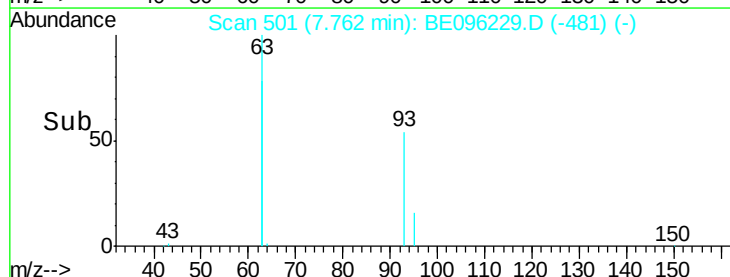
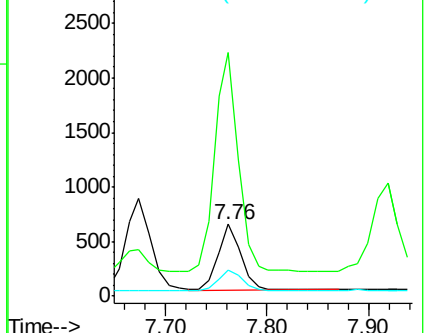
95 31.8 25.2 37.8

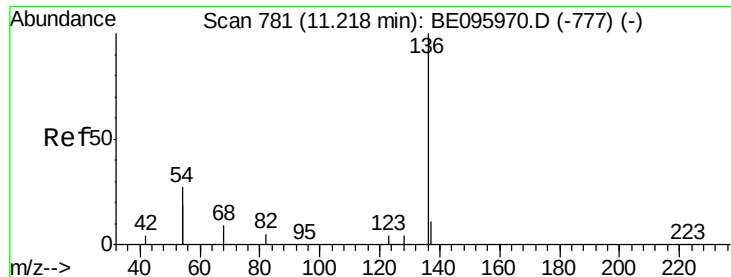


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 2589

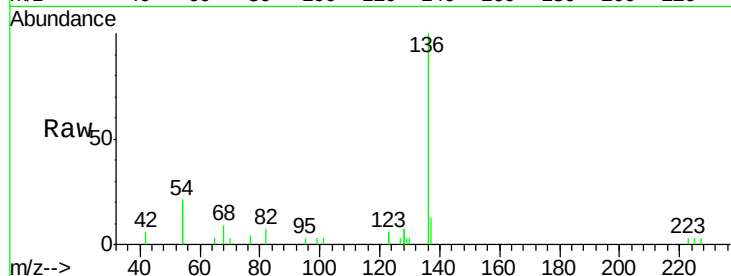
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 42.4 29.1 43.7

68 8.7 6.2 9.2

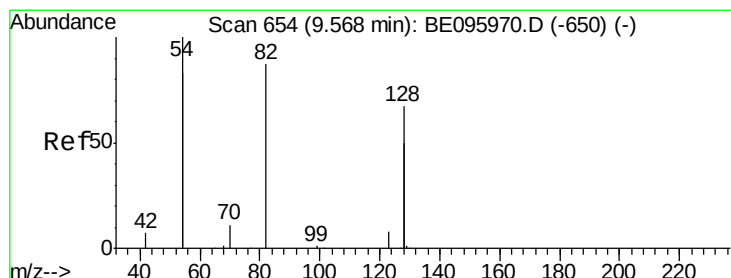
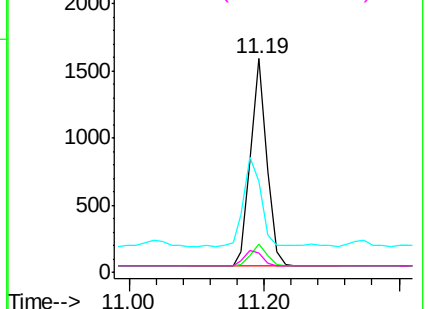
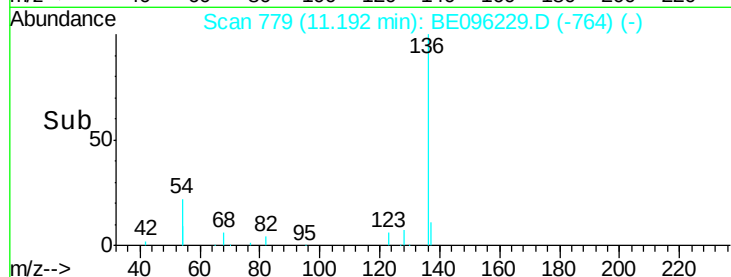


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.037 ng

RT: 9.45 min Scan# 645

Delta R.T. -0.09 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

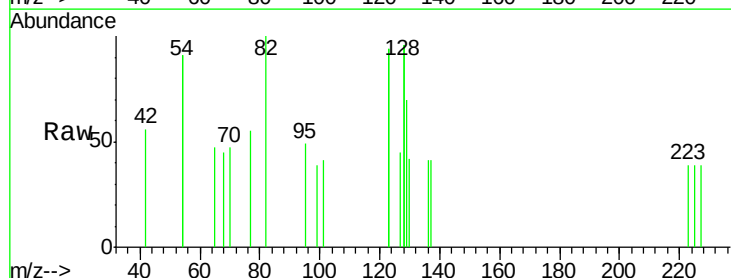
Tgt Ion: 82 Resp: 113

Ion Ratio Lower Upper

82 100

128 192.9 150.0 225.0

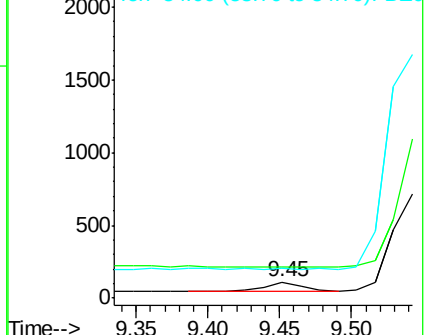
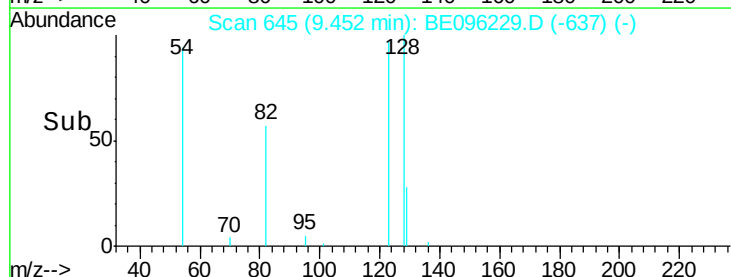
54 182.1 154.2 231.4

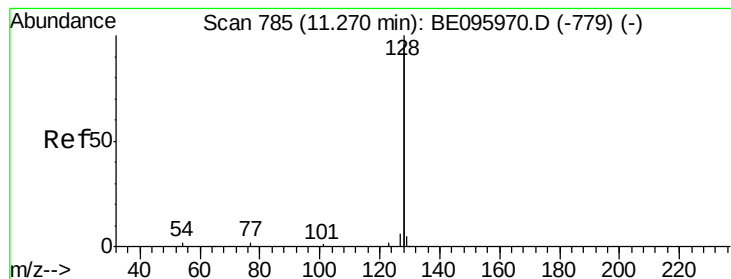


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.373 ng

RT: 11.24 min Scan# 783

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

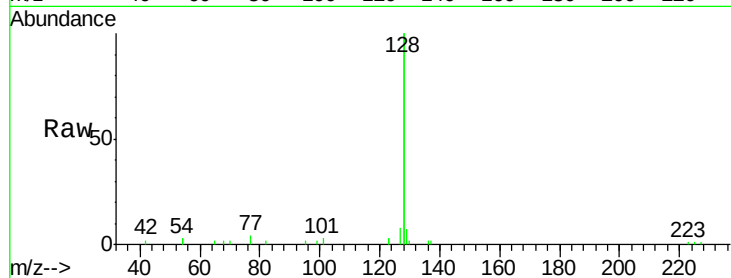
Tgt Ion:128 Resp: 10186

Ion Ratio Lower Upper

128 100

129 3.5 2.6 3.8

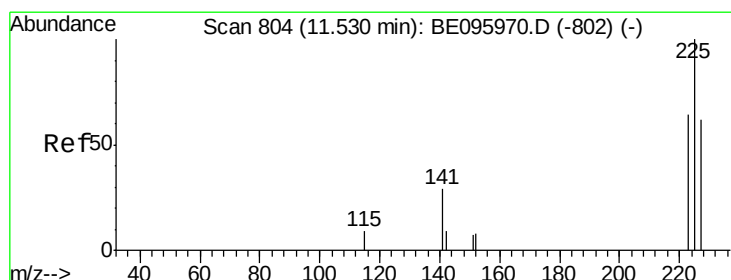
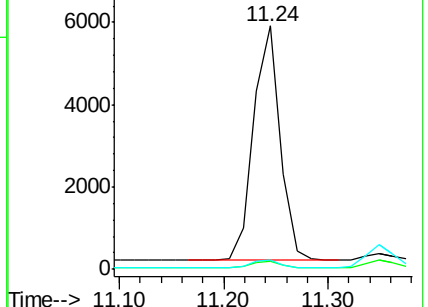
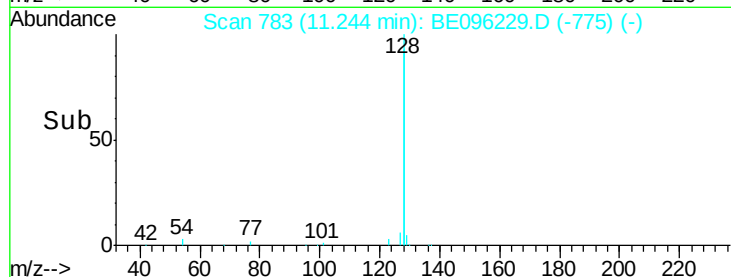
127 3.9 2.8 4.2



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: 0.246 ng

RT: 11.50 min Scan# 803

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

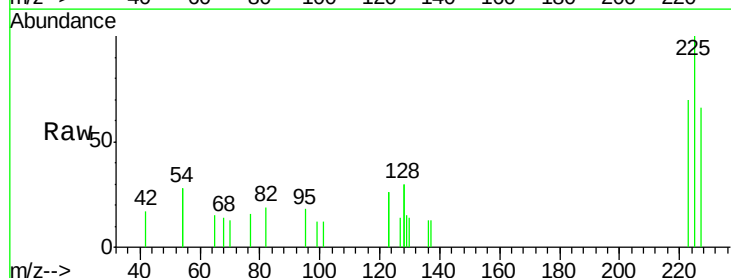
Tgt Ion:225 Resp: 298

Ion Ratio Lower Upper

225 100

223 71.5 53.0 79.6

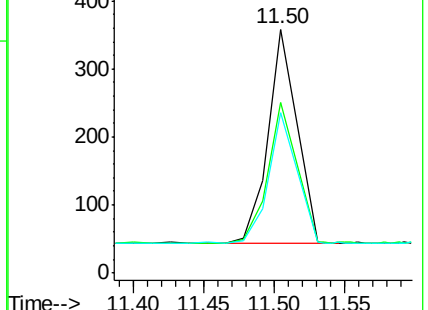
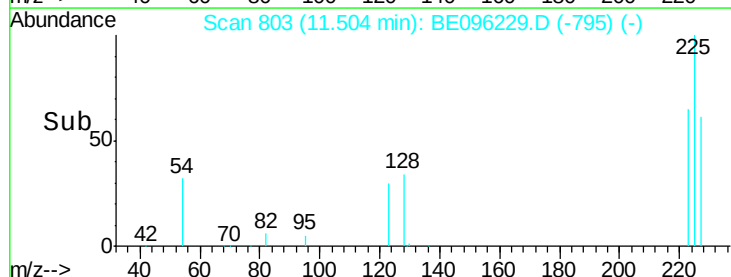
227 65.4 51.4 77.2

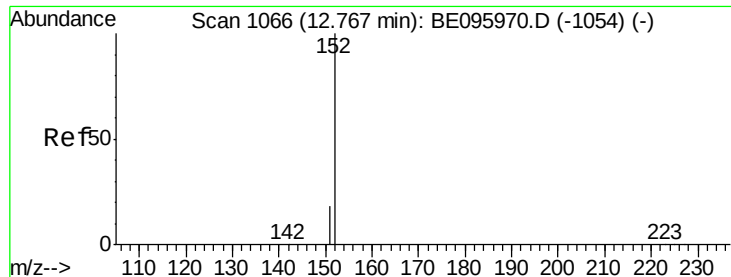


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.367 ng

RT: 12.73 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

Instrument :

BNA_E

ClientSampleId :

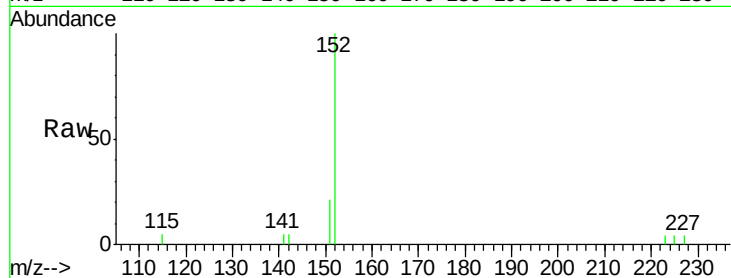
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1504

Ion Ratio Lower Upper

152 100

151 20.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.73

1200

1000

800

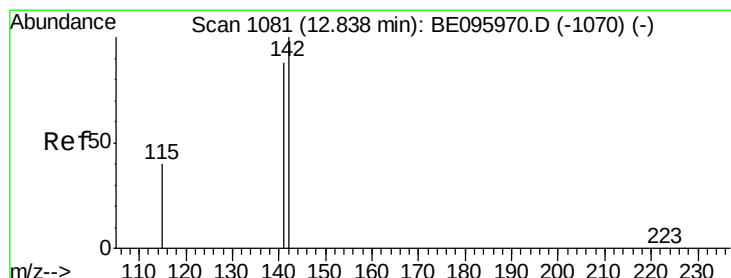
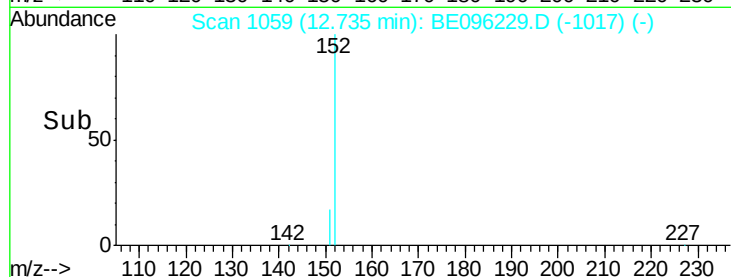
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.365 ng

RT: 12.81 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

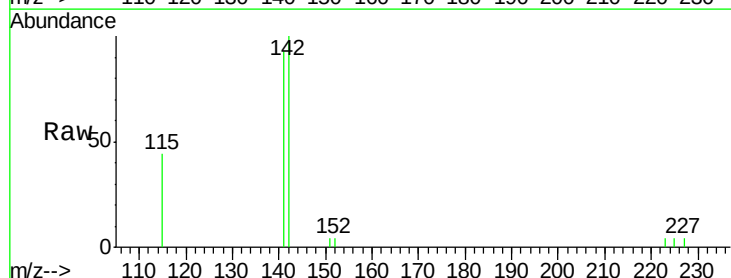
Tgt Ion:142 Resp: 1651

Ion Ratio Lower Upper

142 100

141 93.0 70.4 105.6

115 44.5 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

12.81

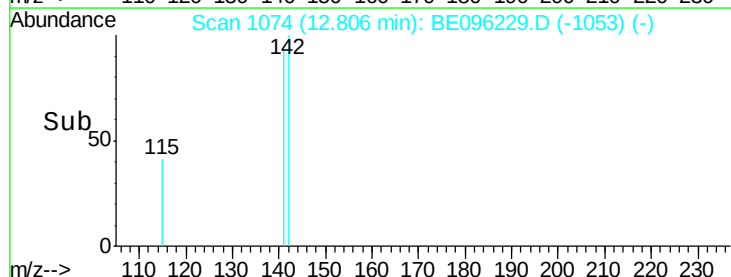
1500

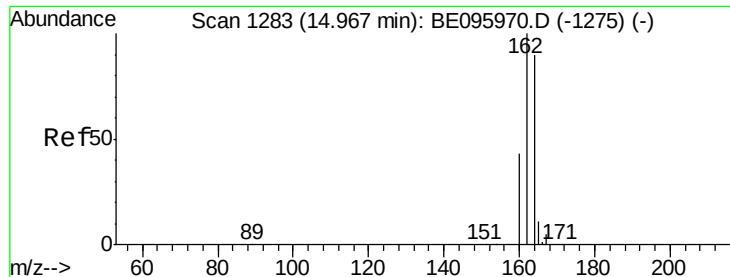
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

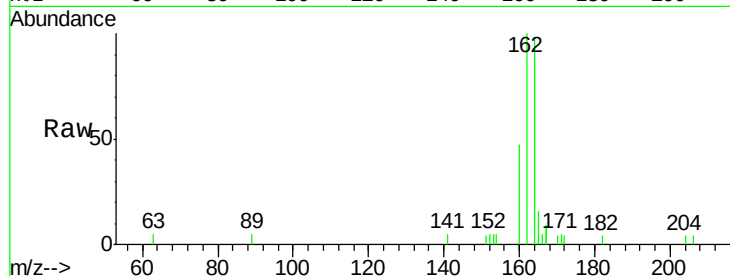
Tgt Ion:164 Resp: 1446

Ion Ratio Lower Upper

164 100

162 102.3 83.1 124.7

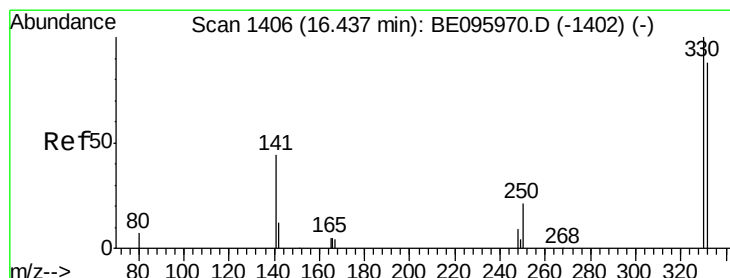
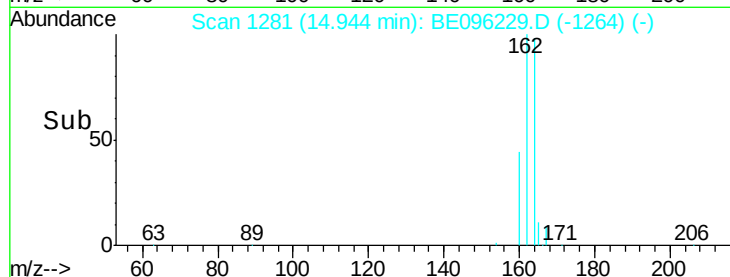
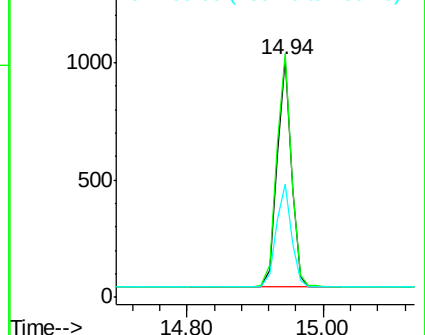
160 47.6 37.1 55.7



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: 0.375 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

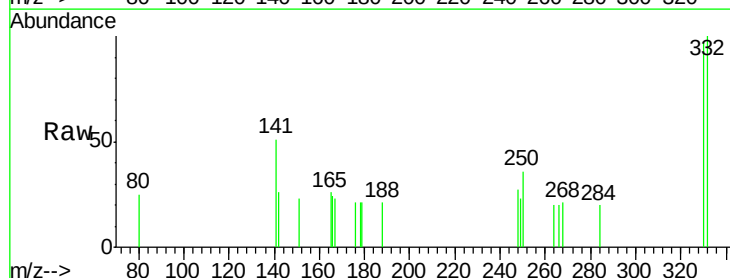
Tgt Ion:330 Resp: 262

Ion Ratio Lower Upper

330 100

332 98.9 152.7 229.1#

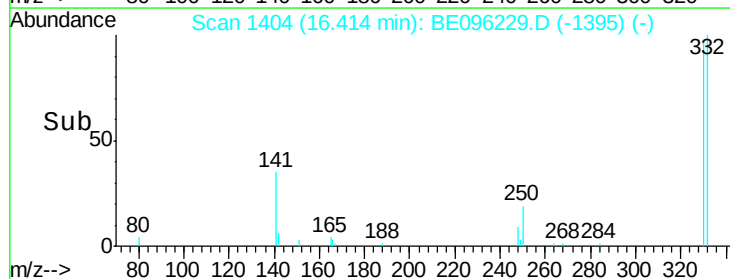
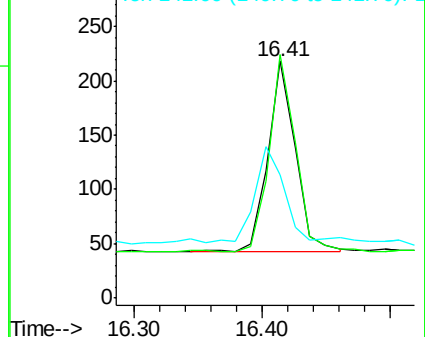
141 53.8 33.7 50.5#

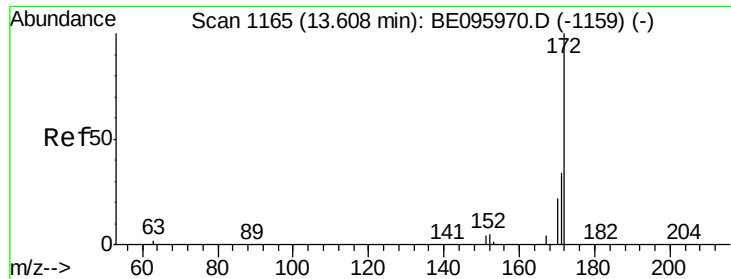


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

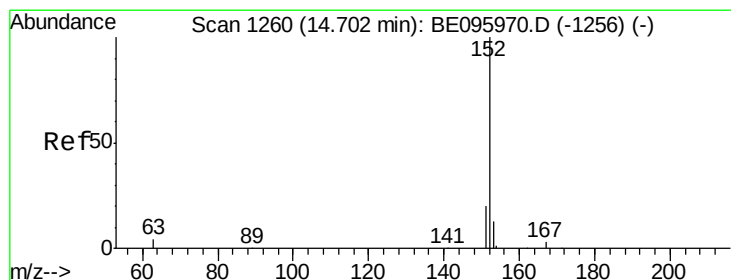
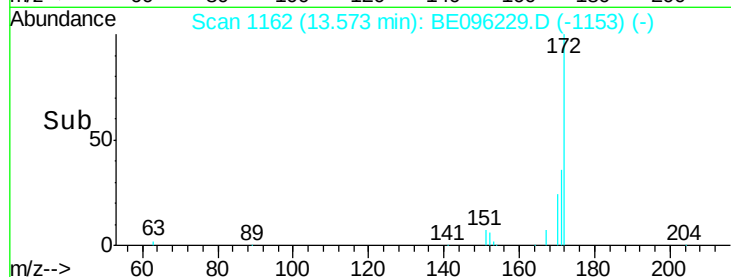
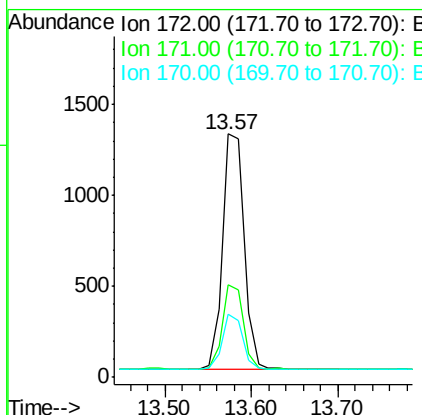
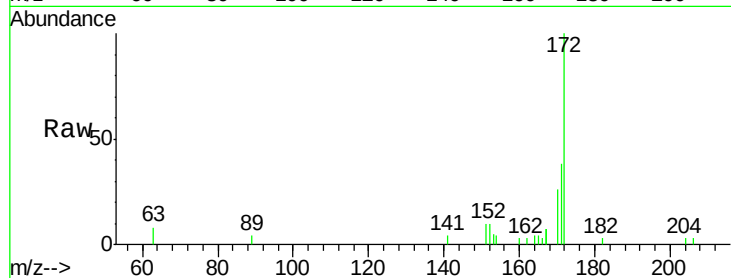




#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.57 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE096229.D
Acq: 30 Apr 2018 19:35

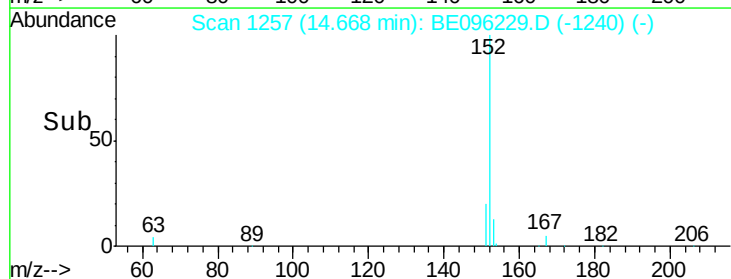
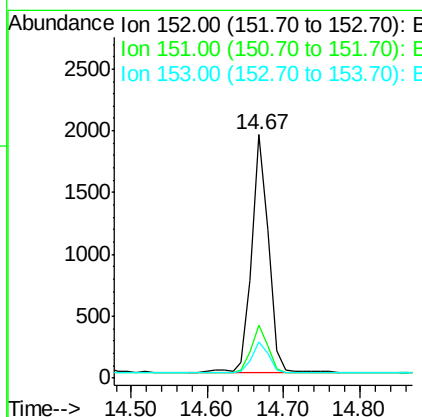
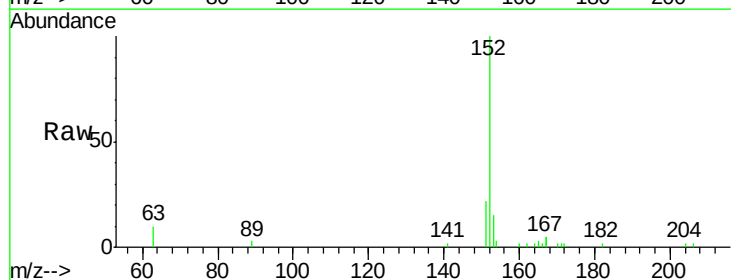
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

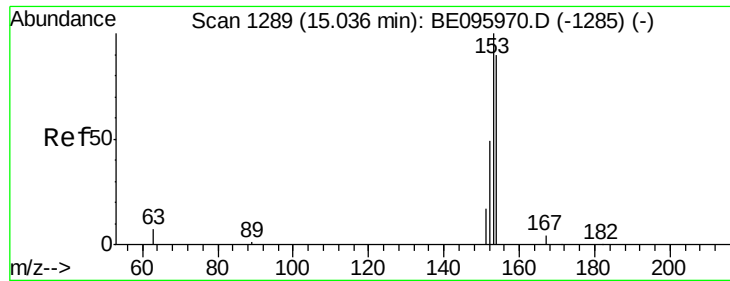
Tgt Ion:172 Resp: 2273
Ion Ratio Lower Upper
172 100
171 38.2 29.9 44.9
170 26.2 21.8 32.8



#16
Acenaphthylene
Concen: 0.372 ng
RT: 14.67 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BE096229.D
Acq: 30 Apr 2018 19:35

Tgt Ion:152 Resp: 2876
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.366 ng

RT: 15.00 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

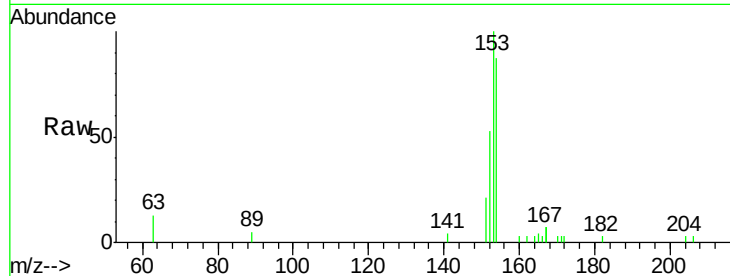
Tgt Ion:154 Resp: 1699

Ion Ratio Lower Upper

154 100

153 115.8 89.2 133.8

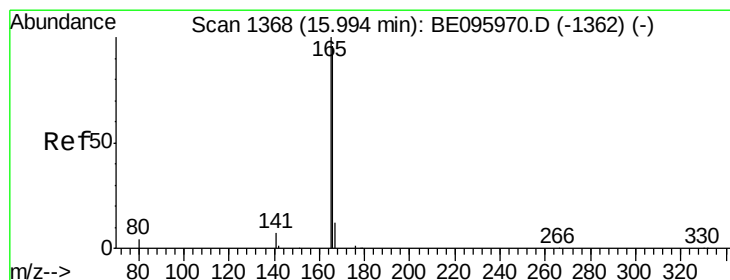
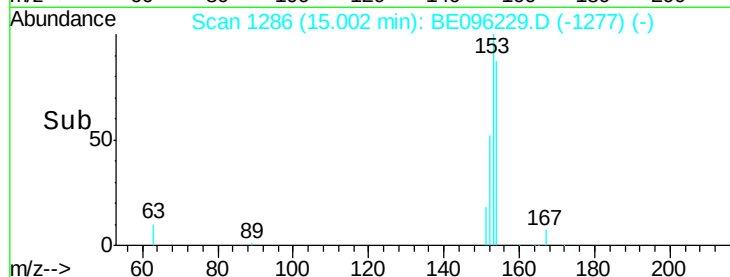
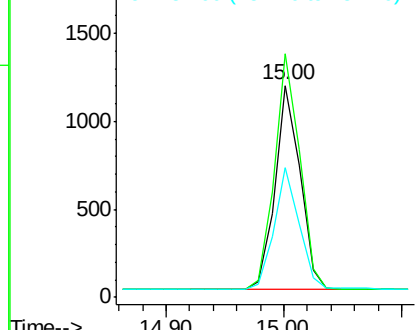
152 59.4 42.0 63.0



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: 0.366 ng

RT: 15.97 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

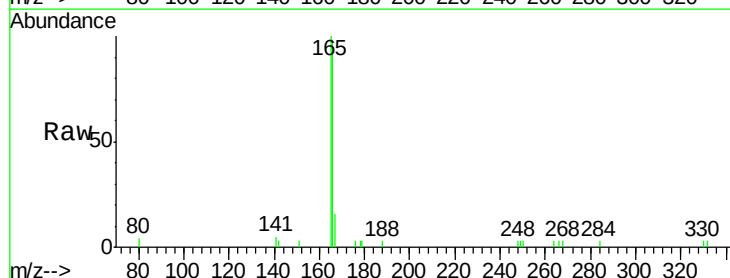
Tgt Ion:166 Resp: 2102

Ion Ratio Lower Upper

166 100

165 122.2 77.8 116.6#

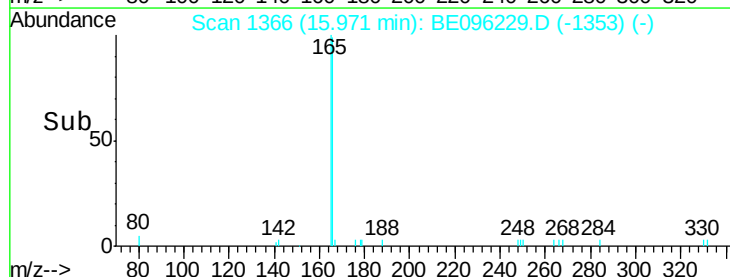
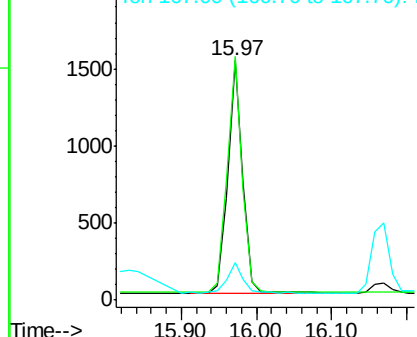
167 13.3 42.4 63.6#

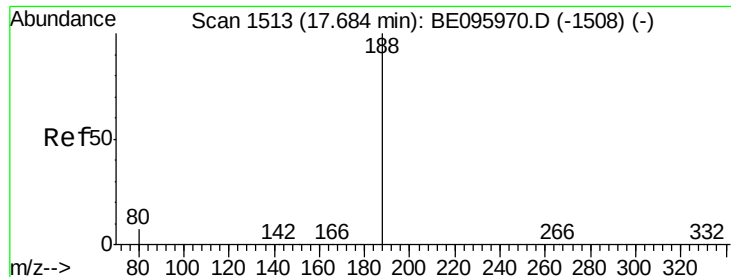


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

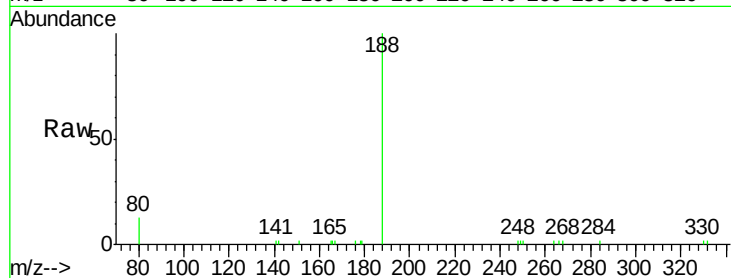
Tgt Ion:188 Resp: 3478

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

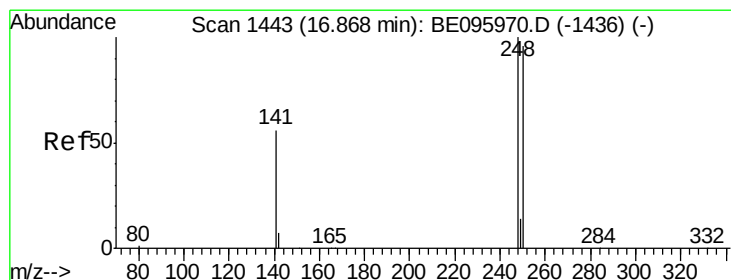
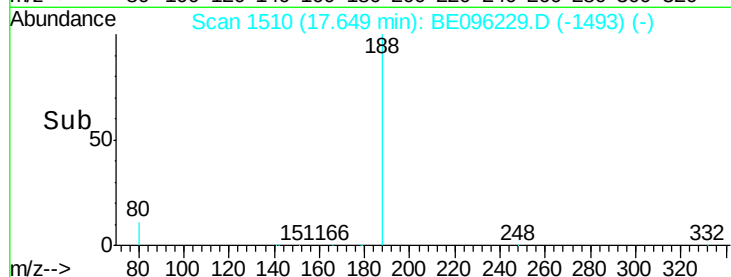
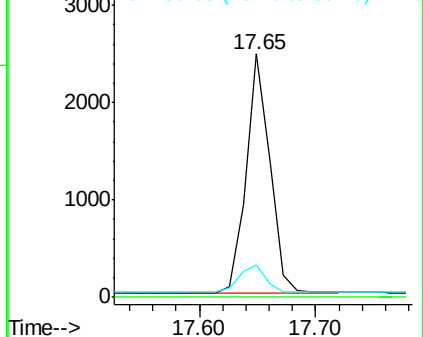
80 13.4 3.6 5.4#



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: 0.366 ng

RT: 16.83 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

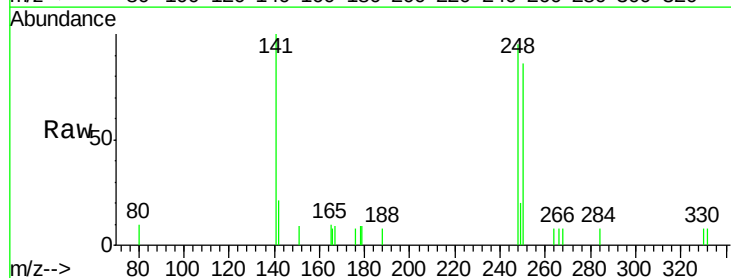
Tgt Ion:248 Resp: 757

Ion Ratio Lower Upper

248 100

250 90.2 62.7 94.1

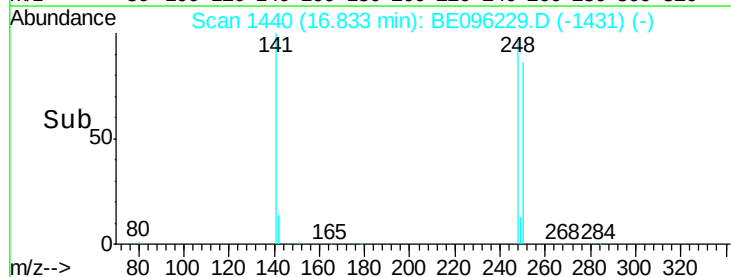
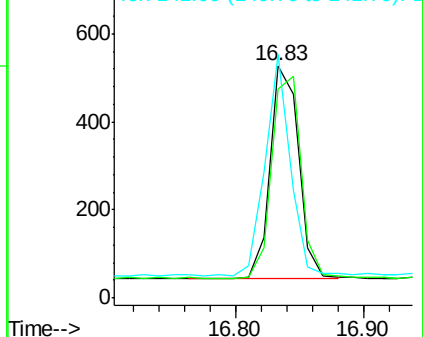
141 104.7 48.2 72.2#

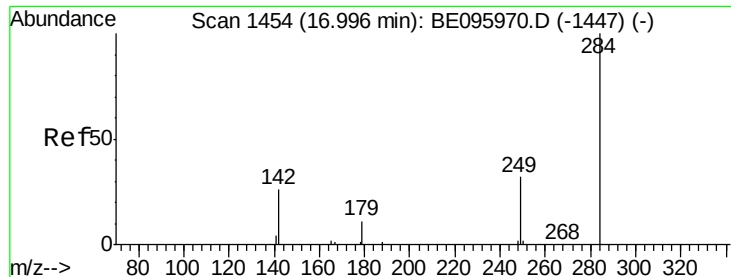


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.361 ng

RT: 16.97 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

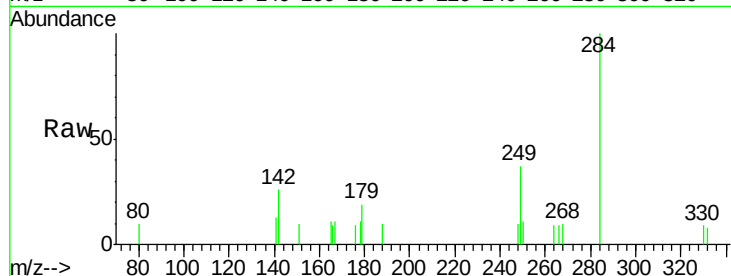
Tgt Ion:284 Resp: 744

Ion Ratio Lower Upper

284 100

142 46.9 22.1 33.1#

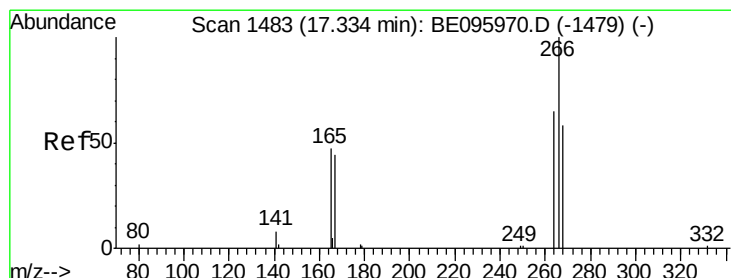
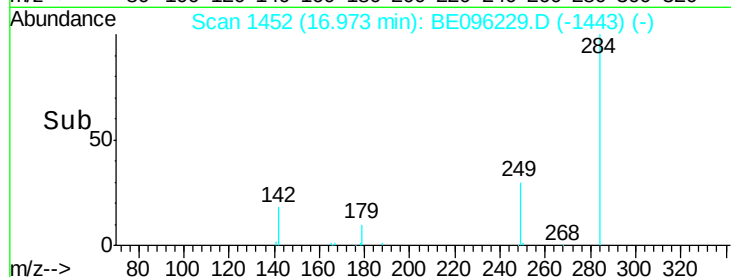
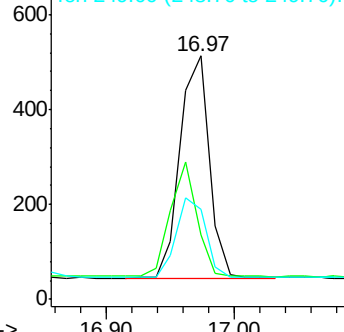
249 36.0 34.8 52.2



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



#22

Pentachlorophenol

Concen: 0.405 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

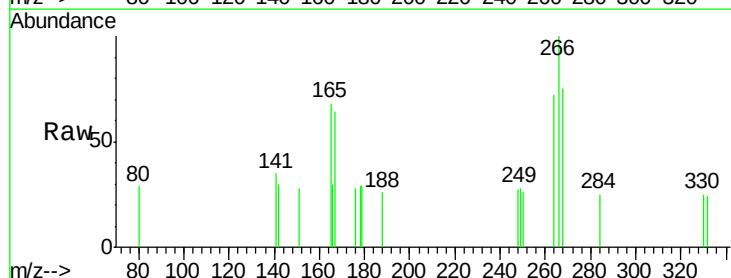
Tgt Ion:266 Resp: 256

Ion Ratio Lower Upper

266 100

264 72.3 72.5 108.7#

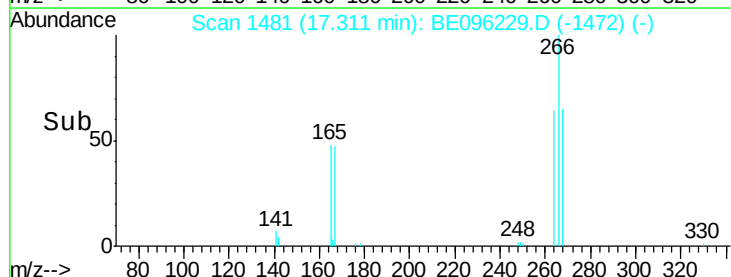
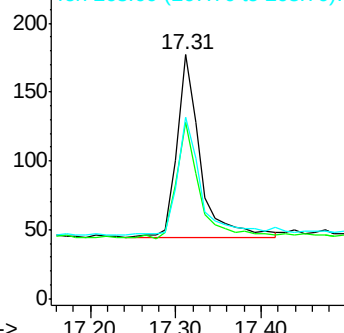
268 74.6 73.8 110.6

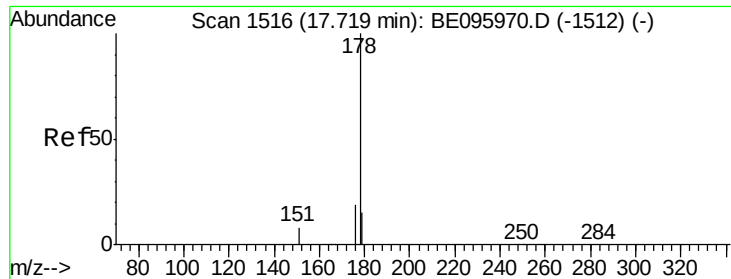


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.385 ng

RT: 17.70 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

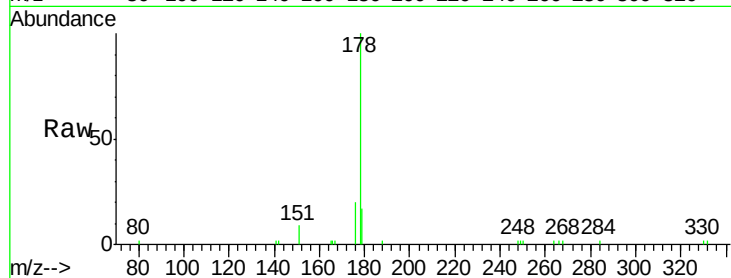
Tgt Ion:178 Resp: 3760

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

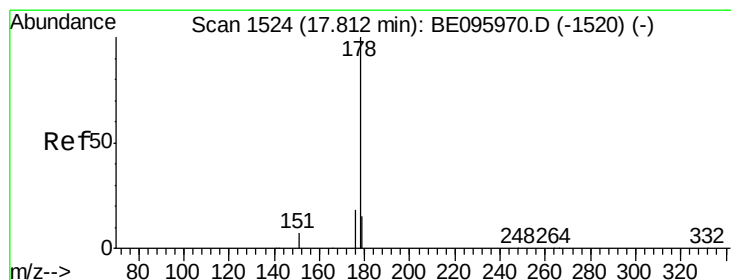
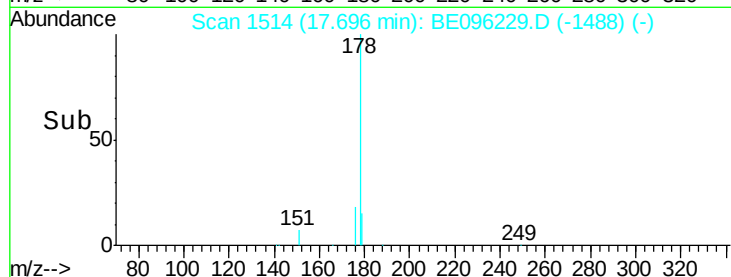
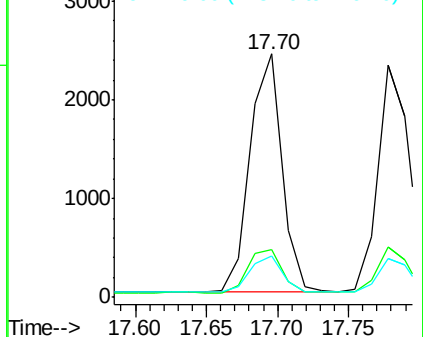
179 15.1 11.8 17.6



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: 0.379 ng

RT: 17.78 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

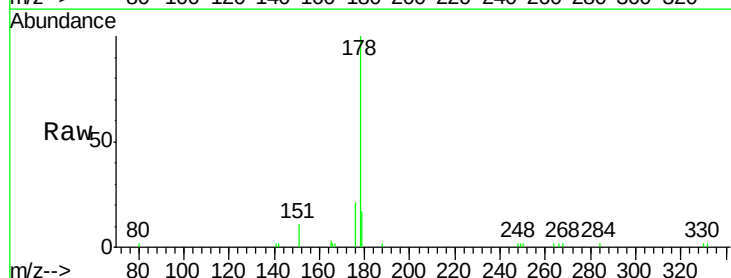
Tgt Ion:178 Resp: 3538

Ion Ratio Lower Upper

178 100

176 19.6 12.8 19.2#

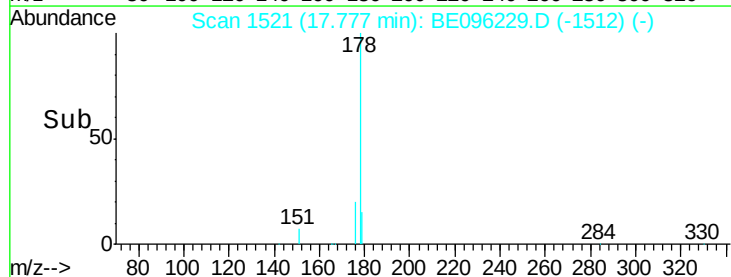
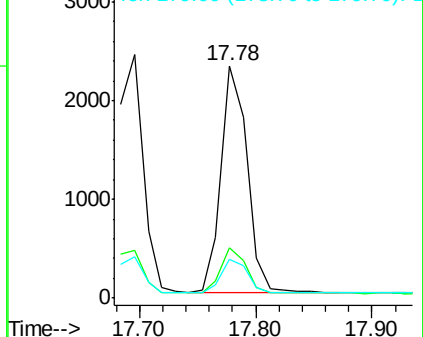
179 15.3 13.0 19.6

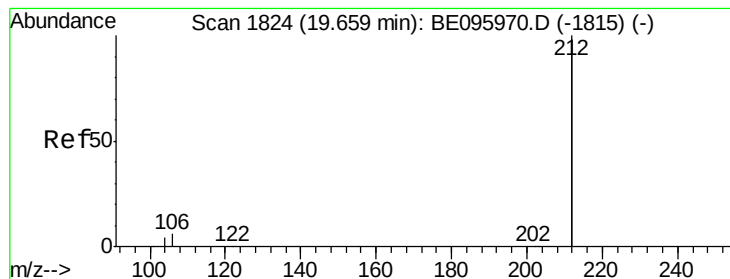


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.64 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

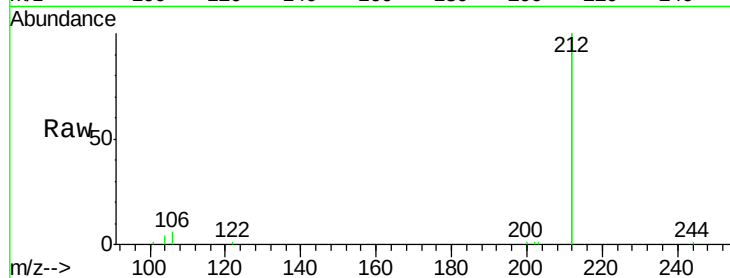
Tgt Ion:212 Resp: 17628

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

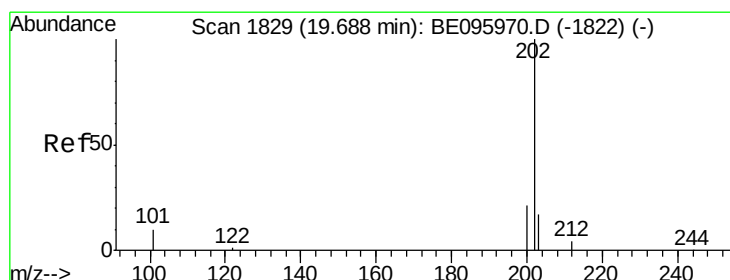
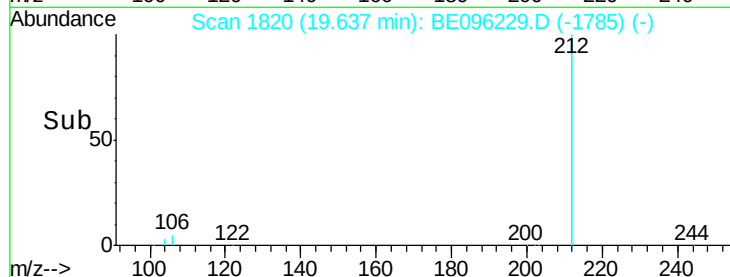
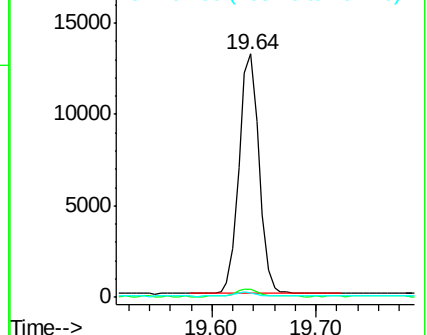
104 1.8 1.6 2.4



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: 0.386 ng

RT: 19.67 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

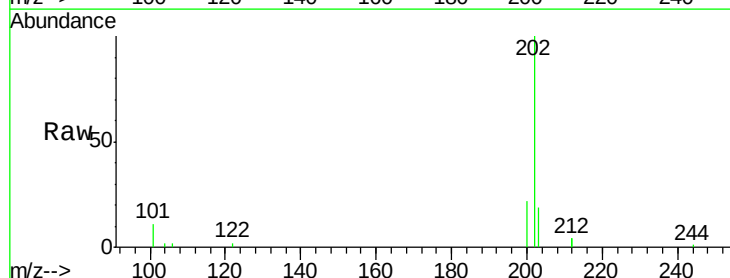
Tgt Ion:202 Resp: 4962

Ion Ratio Lower Upper

202 100

101 10.9 9.8 14.8

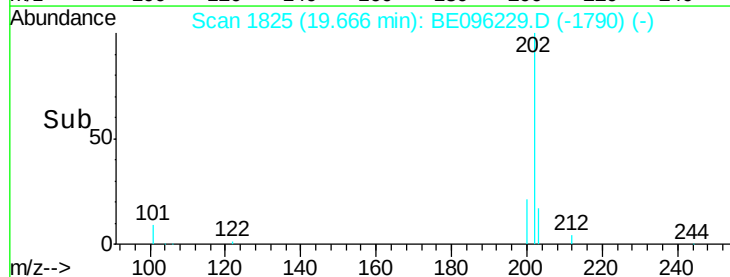
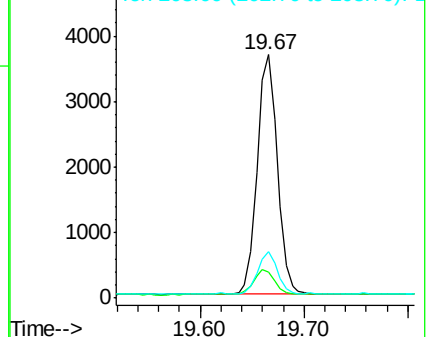
203 17.3 13.7 20.5

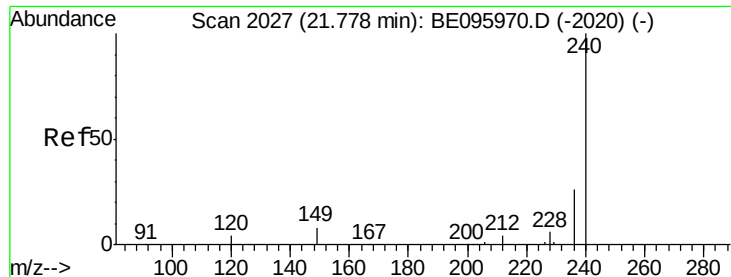


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.75 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

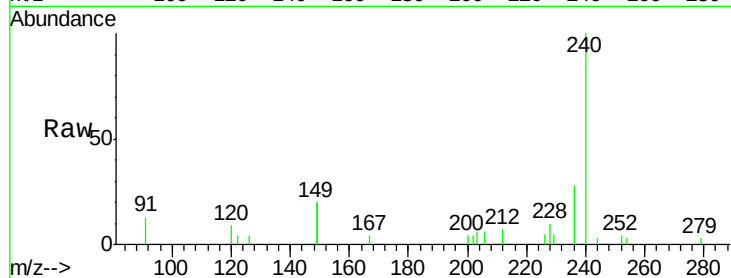
Tgt Ion:240 Resp: 3585

Ion Ratio Lower Upper

240 100

120 9.3 5.5 8.3#

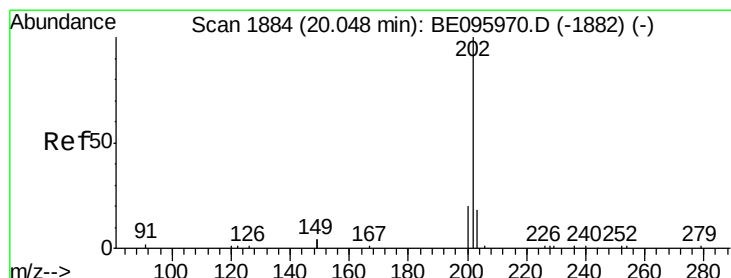
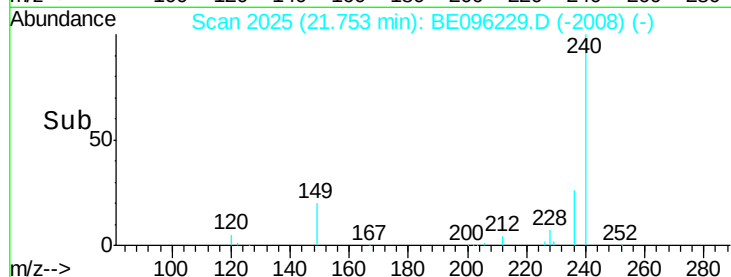
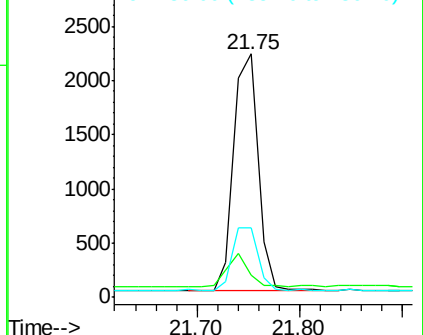
236 28.4 20.7 31.1



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: 0.032 ng

RT: 20.00 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

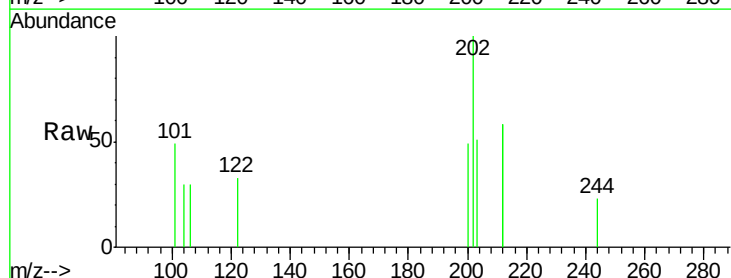
Tgt Ion:202 Resp: 226

Ion Ratio Lower Upper

202 100

200 27.9 16.6 25.0#

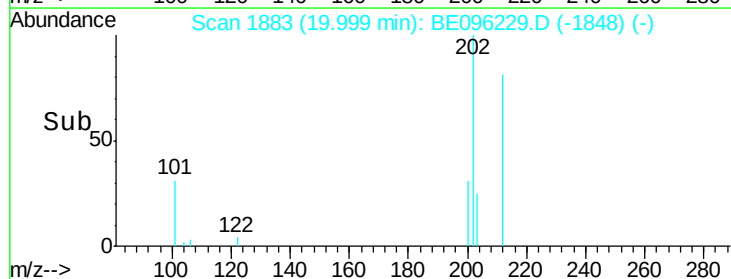
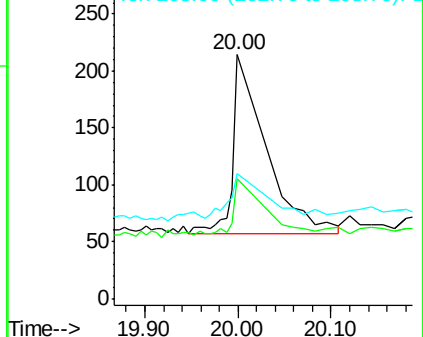
203 37.2 13.8 20.8#

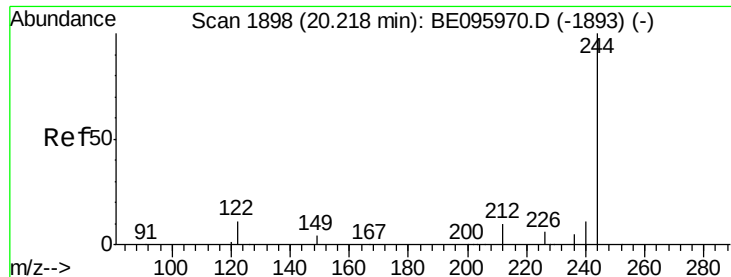


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.406 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

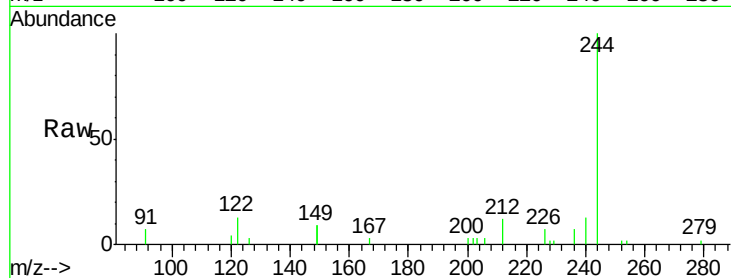
Tgt Ion:244 Resp: 3216

Ion Ratio Lower Upper

244 100

212 12.1 25.4 38.0#

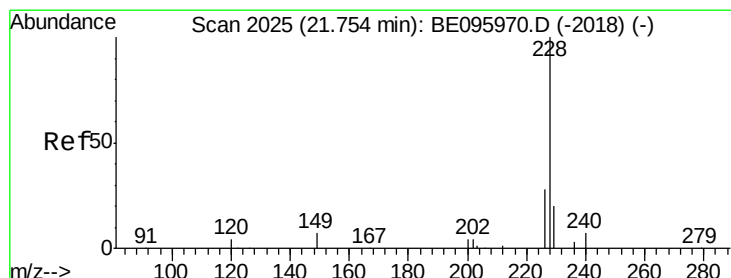
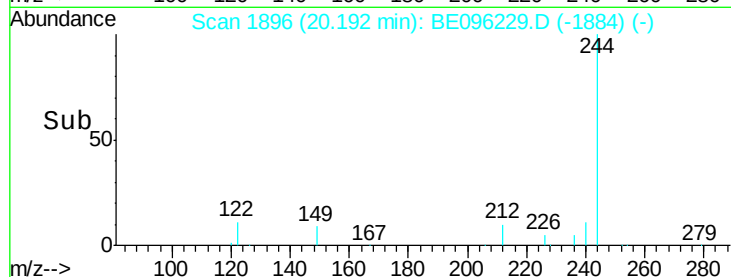
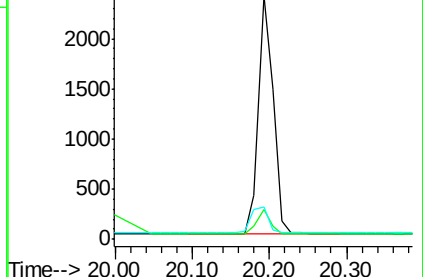
122 13.1 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.388 ng

RT: 21.73 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

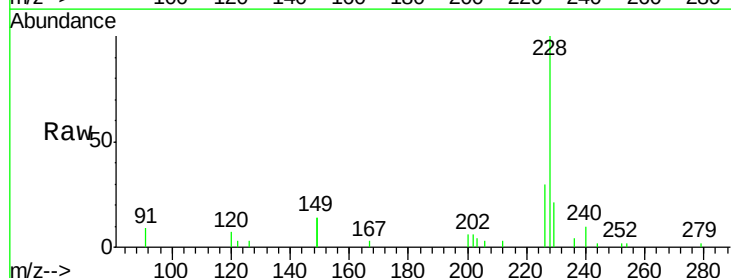
Tgt Ion:228 Resp: 4461

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

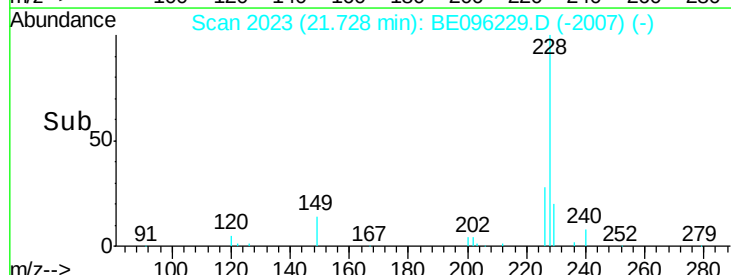
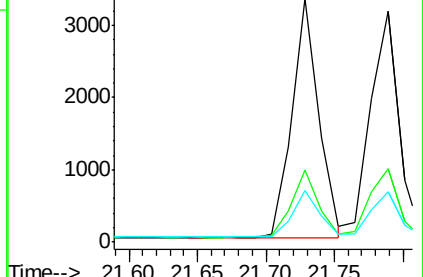
229 21.4 16.0 24.0

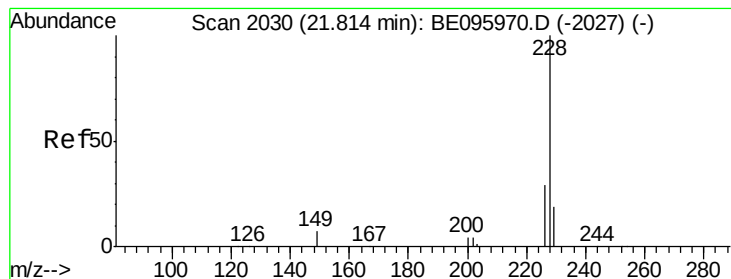


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.402 ng

RT: 21.79 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

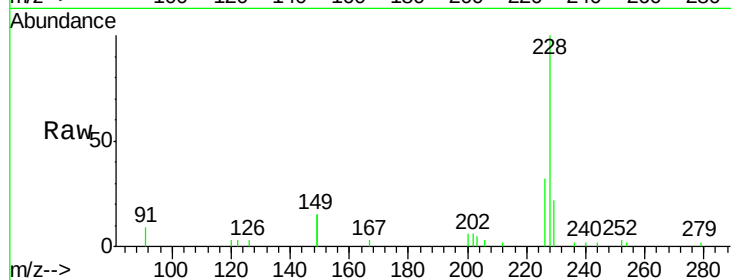
Tgt Ion:228 Resp: 4463

Ion Ratio Lower Upper

228 100

226 31.6 24.0 36.0

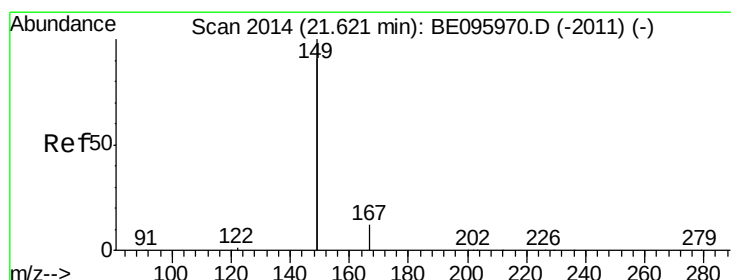
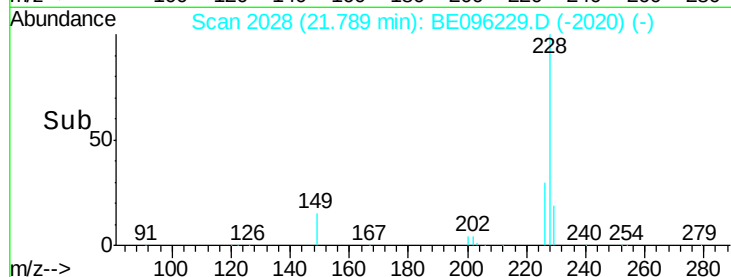
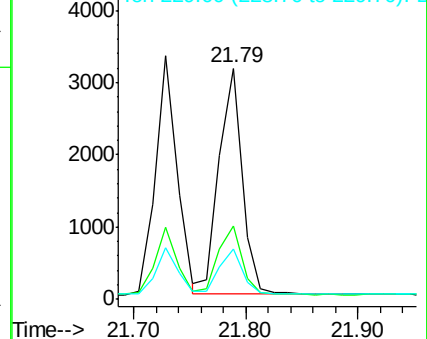
229 21.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.429 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

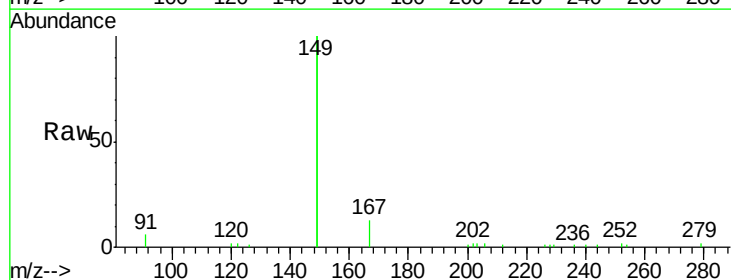
Tgt Ion:149 Resp: 12742

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

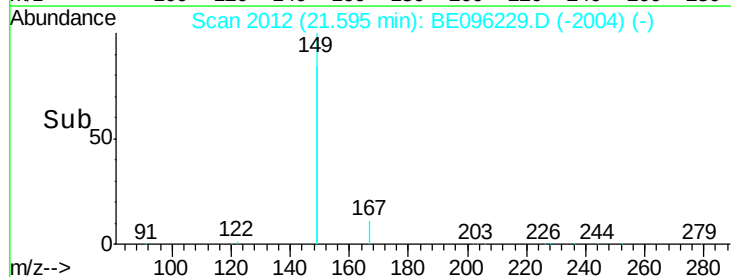
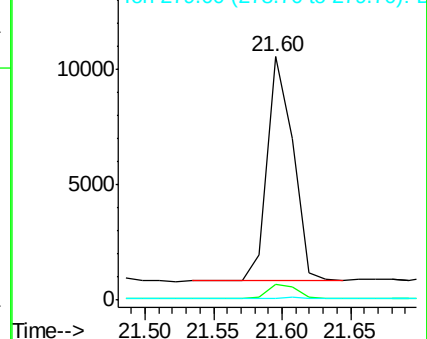
279 1.0 0.7 1.1

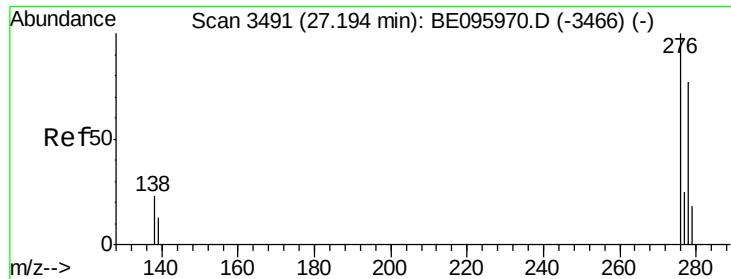


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.414 ng

RT: 27.13 min Scan# 3472

Delta R.T. -0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

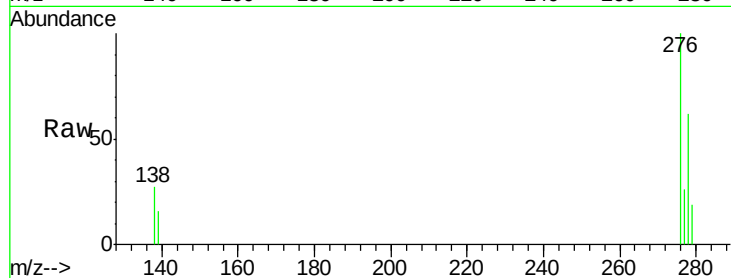
Tgt Ion:276 Resp: 4453

Ion Ratio Lower Upper

276 100

138 24.4 22.5 33.7

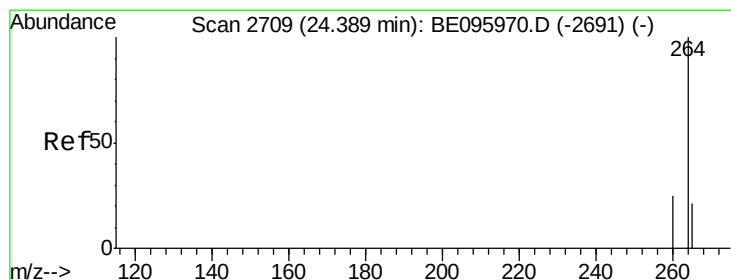
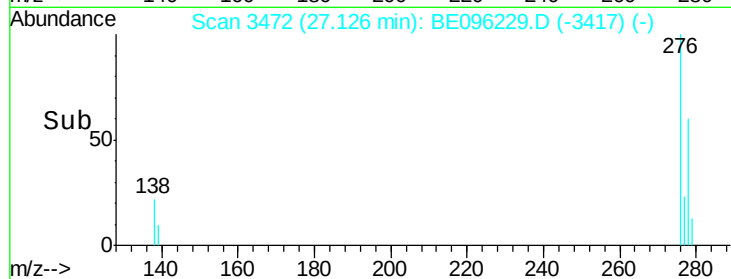
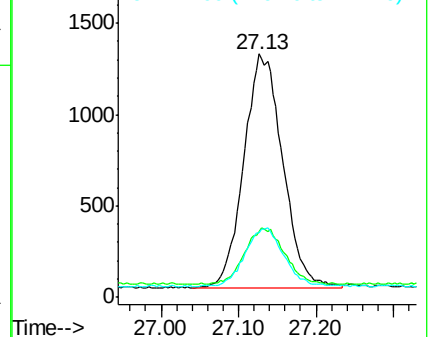
277 24.6 19.9 29.9



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: 24.35 min Scan# 2699

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

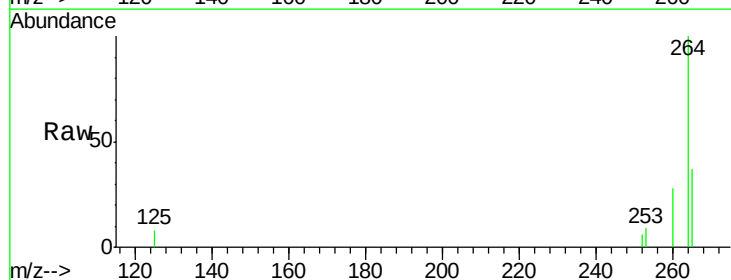
Tgt Ion:264 Resp: 3471

Ion Ratio Lower Upper

264 100

260 27.5 20.5 30.7

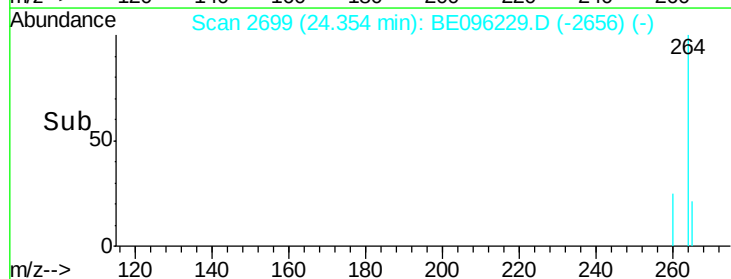
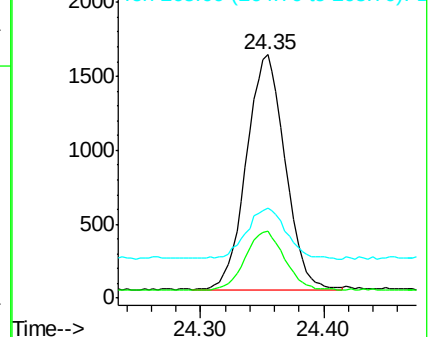
265 36.7 22.8 34.2#

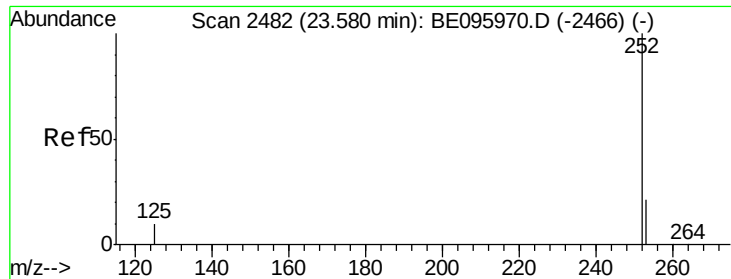


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

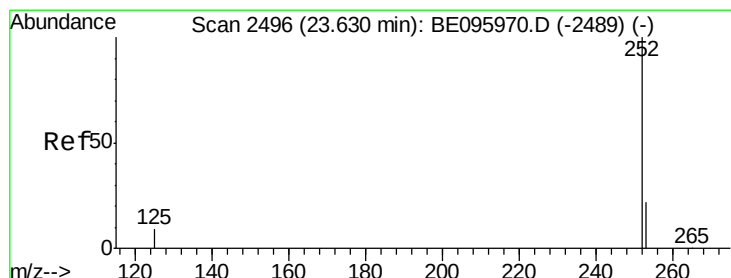
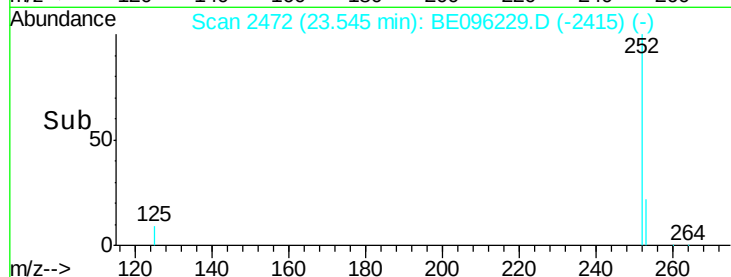
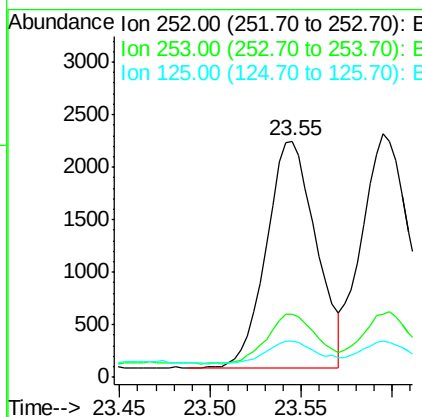
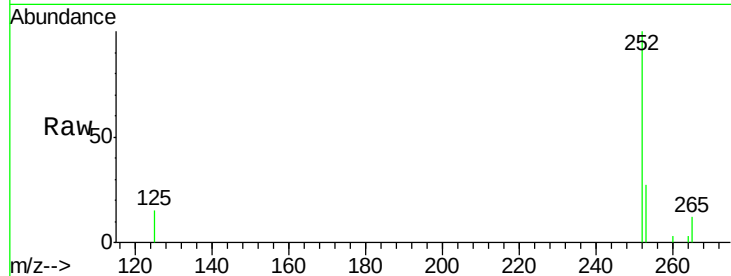




#35
Benzo(b)fluoranthene
Concen: 0.392 ng
RT: 23.55 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BE096229.D
Acq: 30 Apr 2018 19:35

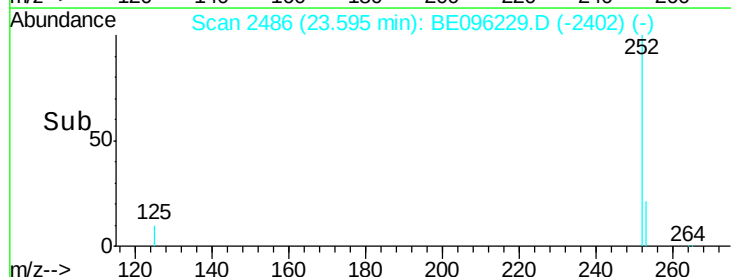
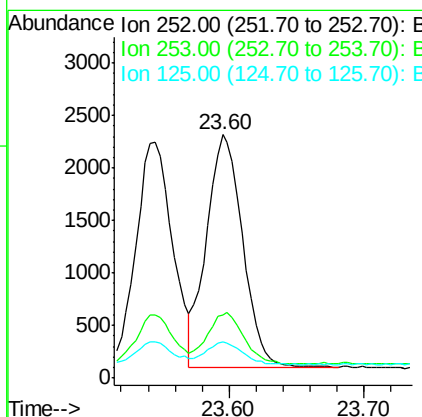
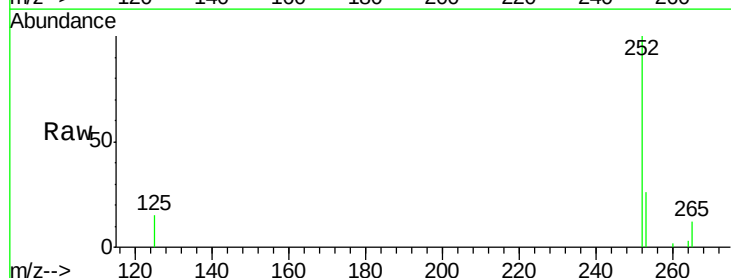
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

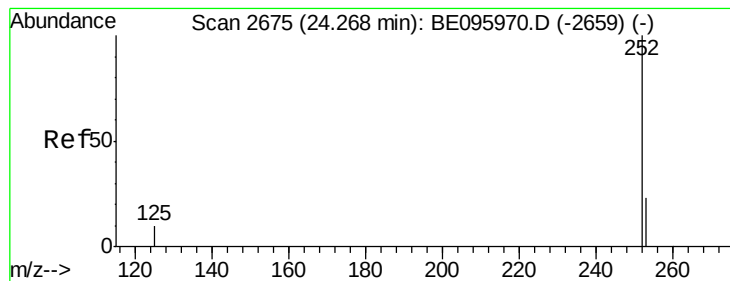
Tgt Ion:252 Resp: 4084
Ion Ratio Lower Upper
252 100
253 26.9 20.0 30.0
125 15.1 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 23.60 min Scan# 2486
Delta R.T. -0.00 min
Lab File: BE096229.D
Acq: 30 Apr 2018 19:35

Tgt Ion:252 Resp: 4153
Ion Ratio Lower Upper
252 100
253 26.0 16.0 24.0#
125 15.0 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.388 ng

RT: 24.23 min Scan# 2665

Delta R.T. -0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

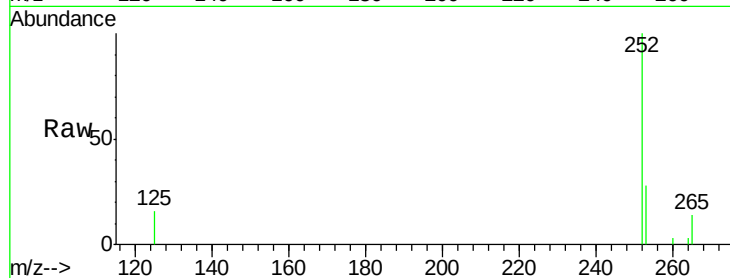
Tgt Ion:252 Resp: 3885

Ion Ratio Lower Upper

252 100

253 27.6 16.0 24.0#

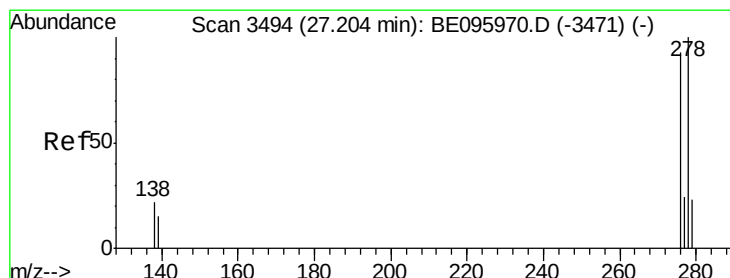
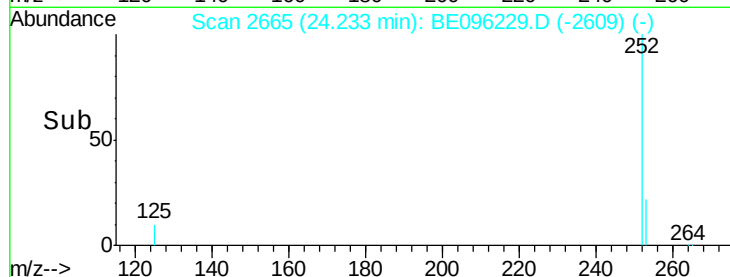
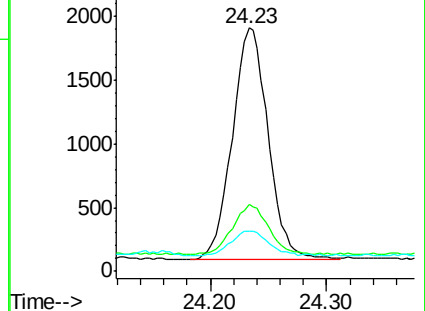
125 16.3 12.0 18.0



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: 0.413 ng

RT: 27.14 min Scan# 3477

Delta R.T. 0.00 min

Lab File: BE096229.D

Acq: 30 Apr 2018 19:35

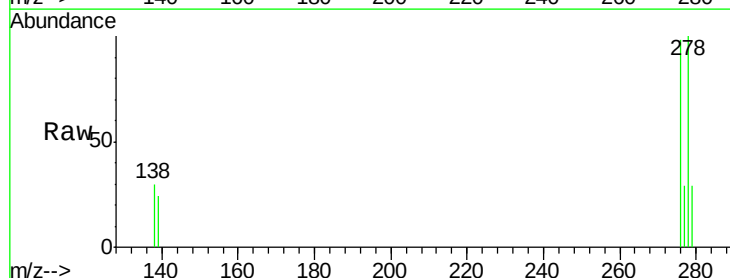
Tgt Ion:278 Resp: 3648

Ion Ratio Lower Upper

278 100

139 23.5 16.0 24.0

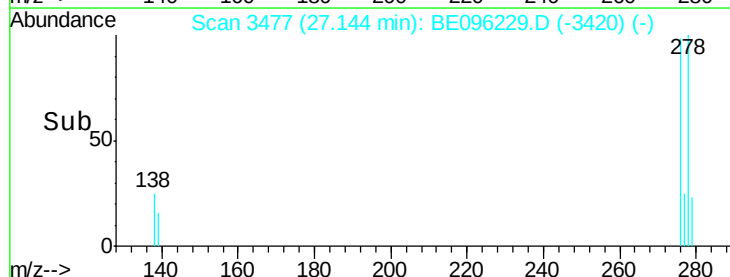
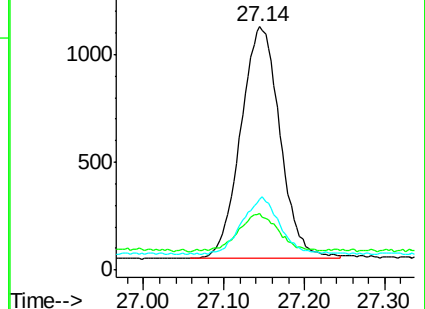
279 29.0 20.0 30.0

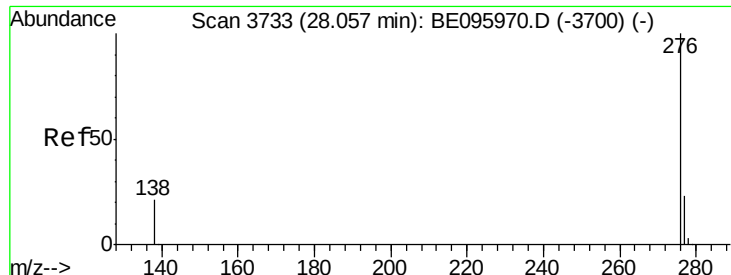


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.397 ng

RT: 28.00 min Scan# 3716

Delta R.T. 0.00 min

Lab File: BE096229.D

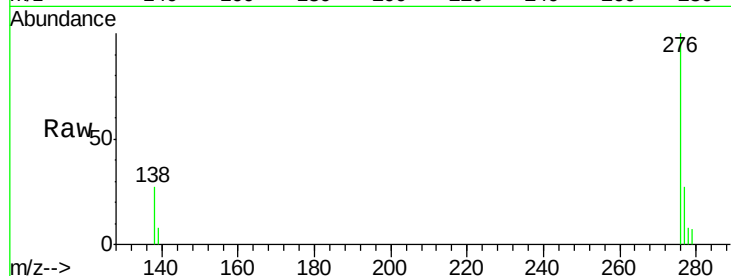
Acq: 30 Apr 2018 19:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 3707

Ion Ratio Lower Upper

276 100

277 26.6 16.0 24.0#

138 26.5 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

