

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE043018\
 Data File : BE096231.D
 Acq On : 30 Apr 2018 20:47
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 01 02:30:39 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	653	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	2371	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1342	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	3378	0.40	ng	0.00
27) Chrysene-d12	21.75	240	3531	0.40	ng	0.01
34) Perylene-d12	24.35	264	3411	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.86	112	766	0.38	ng	0.00
5) Phenol-d6	7.51	99	1076	0.39	ng	0.00
8) Nitrobenzene-d5	9.45	82	108	0.04	ng	-0.09
11) 2-Methylnaphthalene-d10	12.74	152	1412	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	255	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	2171	0.38	ng	0.00
25) Fluoranthene-d10	19.64	212	17280	0.38	ng	0.00
29) Terphenyl-d14	20.19	244	3062	0.39	ng	0.00

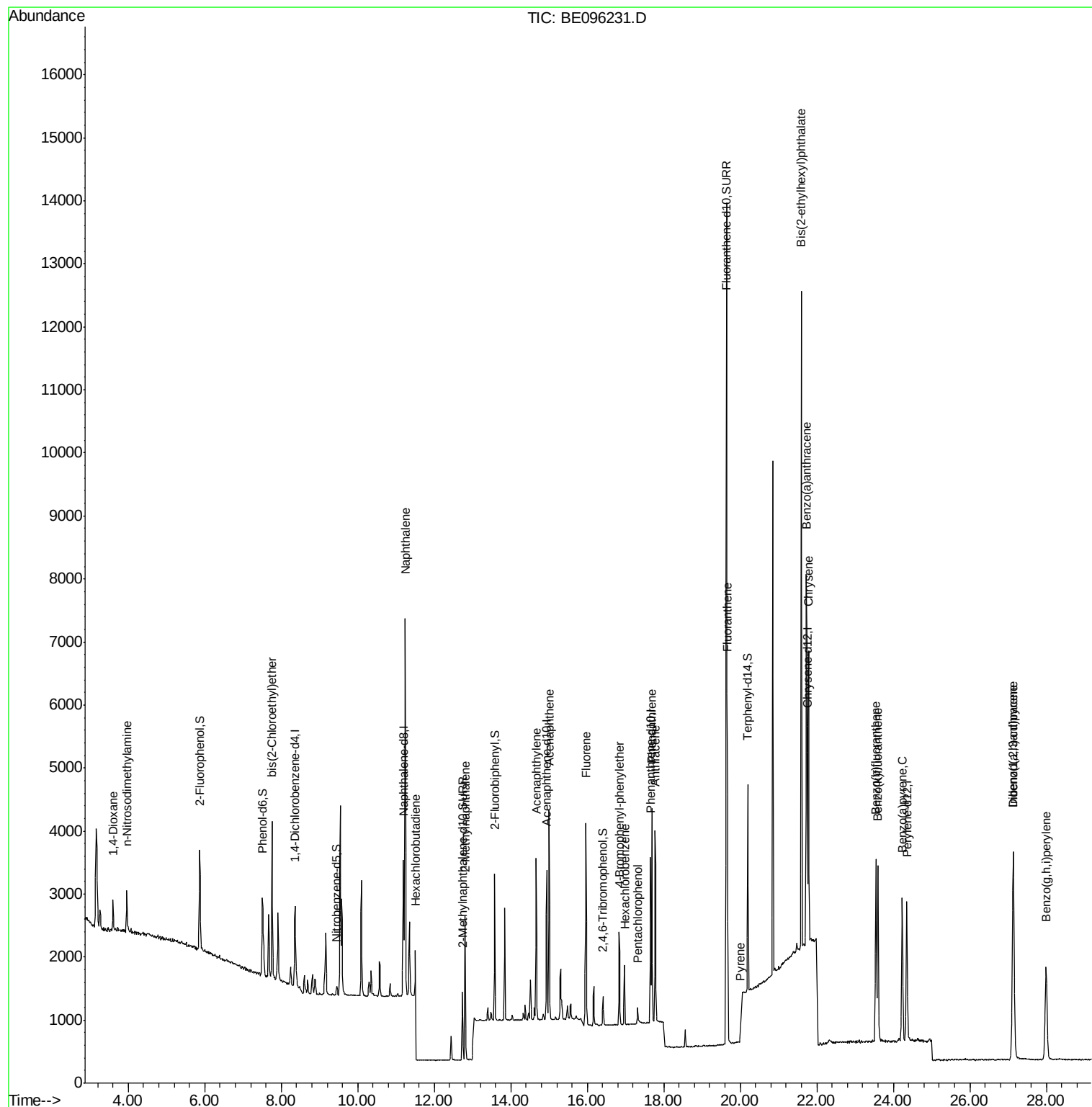
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	348	0.345	ng	90
3) n-Nitrosodimethylamine	3.96	42	518	0.419	ng	# 80
6) bis(2-Chloroethyl)ether	7.76	93	899	0.367	ng	97
9) Naphthalene	11.24	128	9615	0.385	ng	99
10) Hexachlorobutadiene	11.50	225	340	0.307	ng	# 84
12) 2-Methylnaphthalene	12.81	142	1566	0.379	ng	93
16) Acenaphthylene	14.67	152	2708	0.378	ng	100
17) Acenaphthene	15.00	154	1616	0.375	ng	96
18) Fluorene	15.97	166	2507	0.470	ng	# 70
20) 4-Bromophenyl-phenylether	16.83	248	729	0.363	ng	# 67
21) Hexachlorobenzene	16.97	284	729	0.365	ng	# 82
22) Pentachlorophenol	17.31	266	195	0.347	ng	# 83
23) Phenanthrene	17.69	178	3585	0.378	ng	98
24) Anthracene	17.78	178	3425	0.378	ng	# 95
26) Fluoranthene	19.67	202	4785	0.384	ng	99
28) Pyrene	20.00	202	226	0.033	ng	# 81
30) Benzo(a)anthracene	21.73	228	4424	0.391	ng	97
31) Chrysene	21.79	228	4298	0.393	ng	96
32) Bis(2-ethylhexyl)phthalate	21.60	149	12102	0.414	ng	100
33) Indeno(1,2,3-cd)pyrene	27.13	276	4423	0.417	ng	95
35) Benzo(b)fluoranthene	23.54	252	3985	0.390	ng	# 93
36) Benzo(k)fluoranthene	23.60	252	4141	0.393	ng	# 88
37) Benzo(a)pyrene	24.23	252	3788	0.385	ng	# 90
38) Dibenzo(a,h)anthracene	27.14	278	3616	0.417	ng	97
39) Benzo(g,h,i)perylene	28.00	276	3658	0.399	ng	# 92

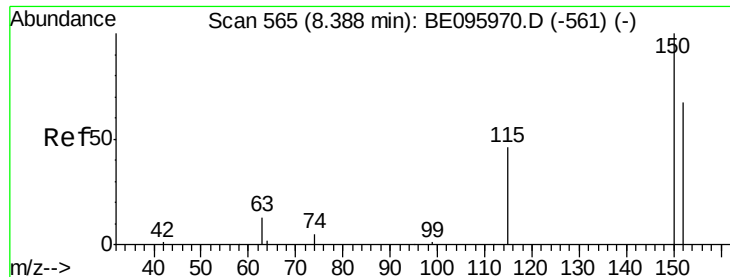
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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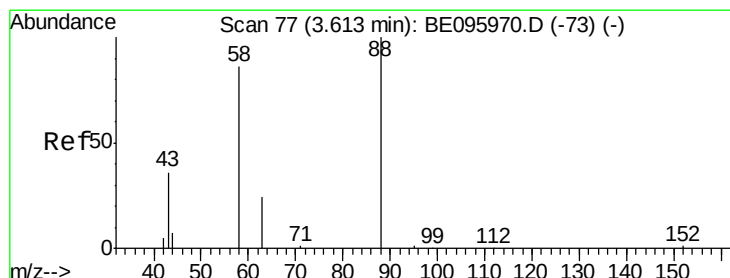
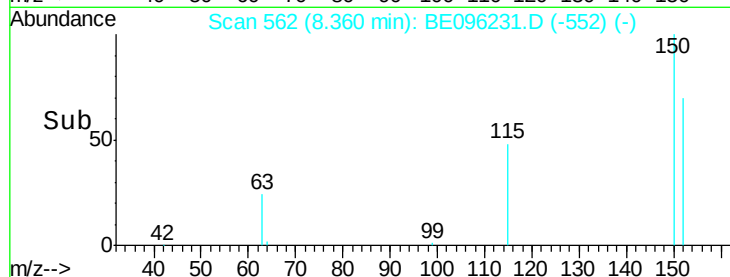
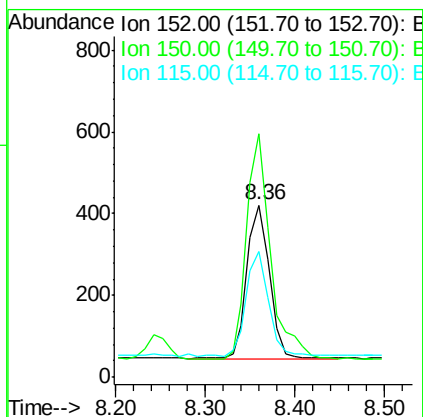
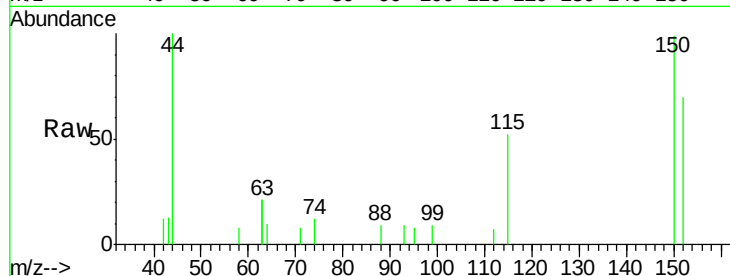


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.36 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BE096231.D
 Acq: 30 Apr 2018 20:47

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

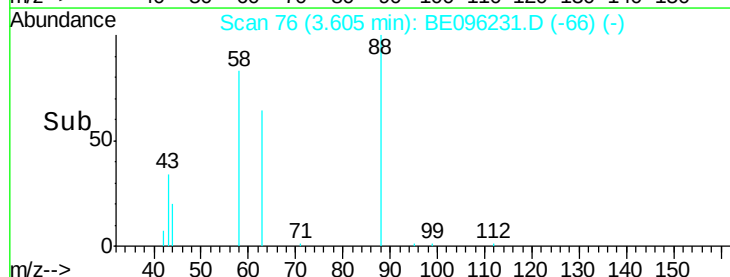
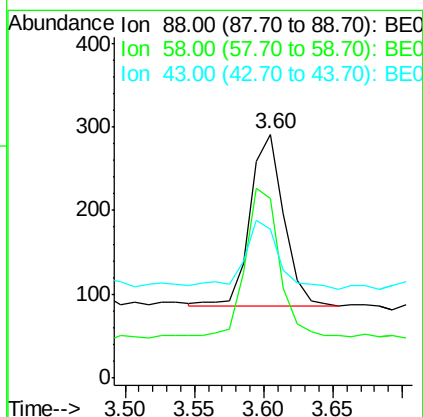
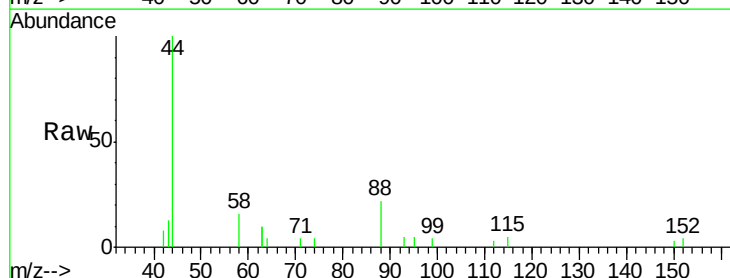
Tgt Ion: 152 Resp: 653
 Ion Ratio Lower Upper
 152 100
 150 141.3 117.2 175.8
 115 73.4 57.0 85.6

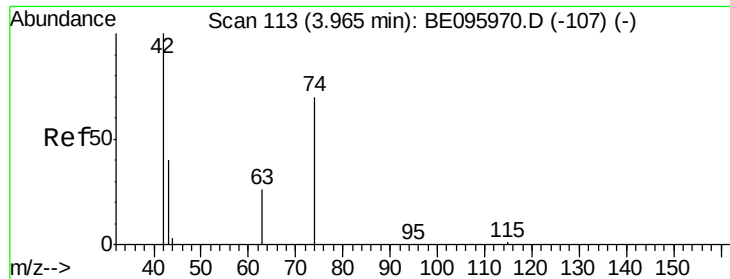


#2

1,4-Dioxane
 Concen: 0.345 ng
 RT: 3.60 min Scan# 76
 Delta R.T. 0.00 min
 Lab File: BE096231.D
 Acq: 30 Apr 2018 20:47

Tgt Ion: 88 Resp: 348
 Ion Ratio Lower Upper
 88 100
 58 87.9 63.2 94.8
 43 44.0 41.2 61.8



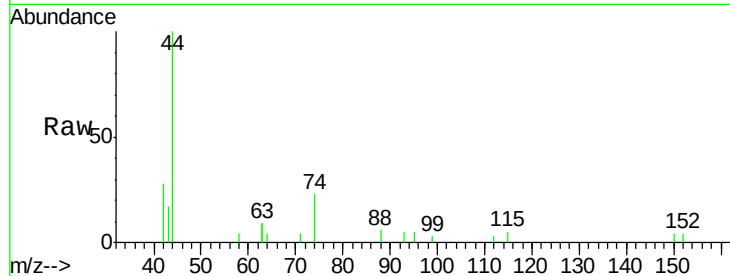


#3

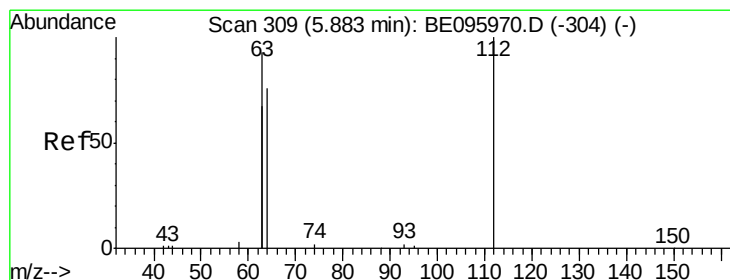
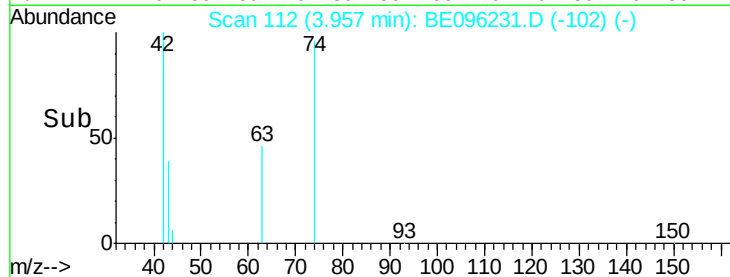
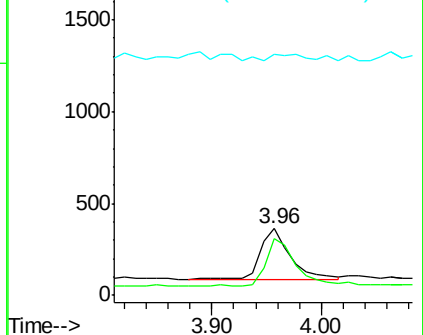
n-Nitrosodimethylamine
 Concen: 0.419 ng
 RT: 3.96 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: BE096231.D
 Acq: 30 Apr 2018 20:47

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 42 Resp: 518
 Ion Ratio Lower Upper
 42 100
 74 95.6 96.0 144.0#
 44 13.9 12.0 18.0



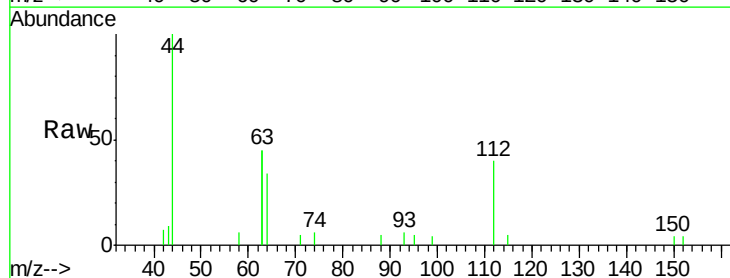
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



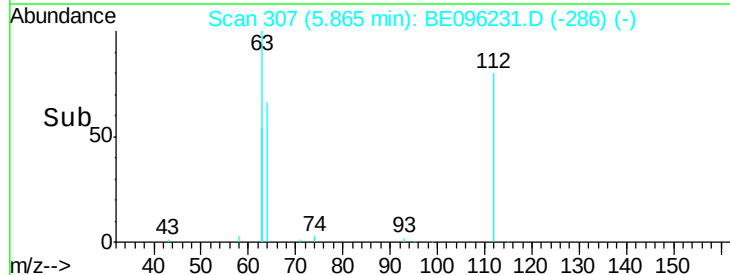
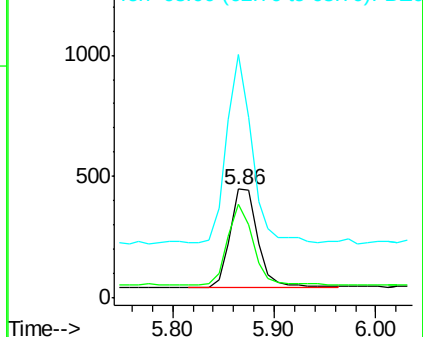
#4

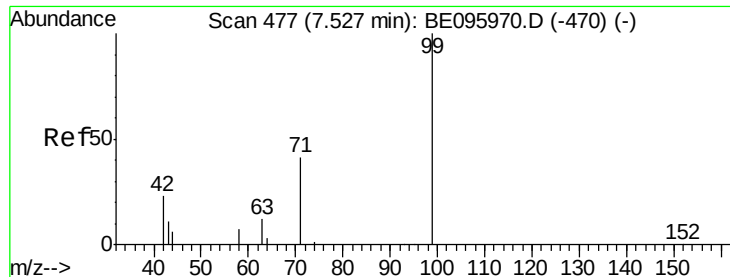
2-Fluorophenol
 Concen: 0.379 ng
 RT: 5.86 min Scan# 307
 Delta R.T. 0.00 min
 Lab File: BE096231.D
 Acq: 30 Apr 2018 20:47

Tgt Ion: 112 Resp: 766
 Ion Ratio Lower Upper
 112 100
 64 77.5 60.1 90.1
 63 173.5 116.8 175.2



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: 0.386 ng

RT: 7.51 min Scan# 475

Delta R.T. 0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

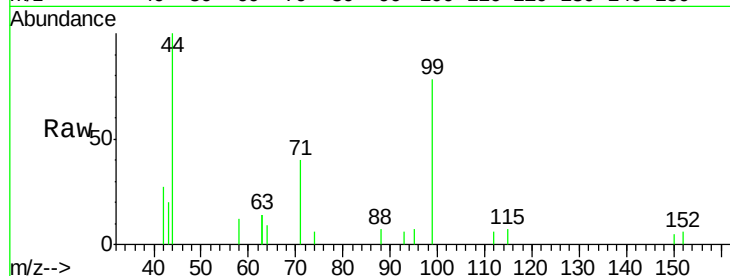
Tgt Ion: 99 Resp: 1076

Ion Ratio Lower Upper

99 100

42 28.5 20.2 30.2

71 43.5 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

7.51

600

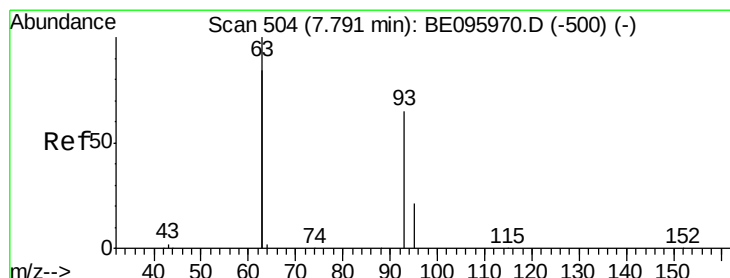
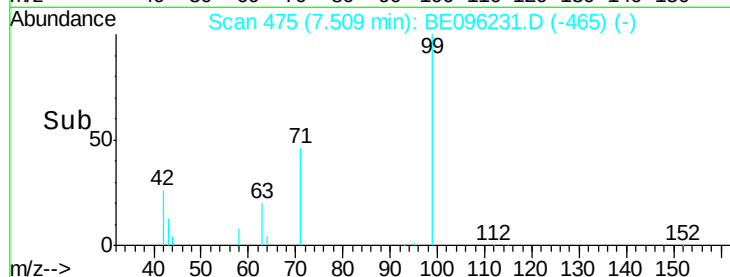
400

200

0

7.45 7.50 7.55 7.60

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.367 ng

RT: 7.76 min Scan# 501

Delta R.T. 0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

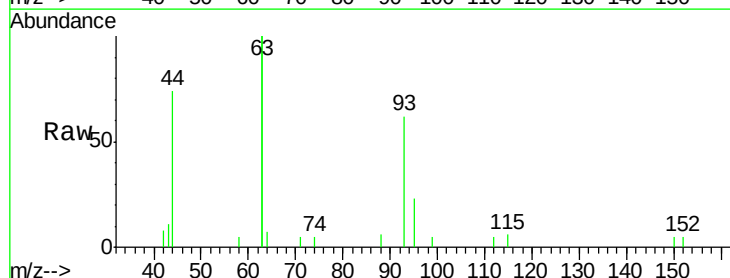
Tgt Ion: 93 Resp: 899

Ion Ratio Lower Upper

93 100

63 337.0 275.3 412.9

95 31.7 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

7.76

2500

2000

1500

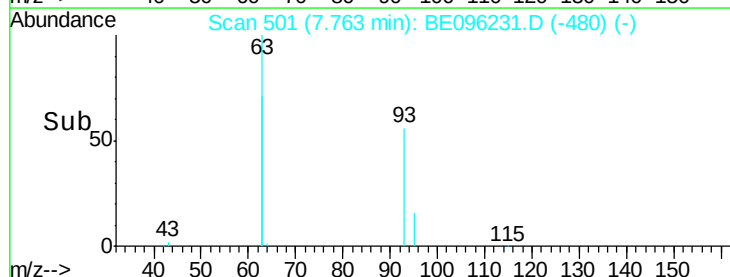
1000

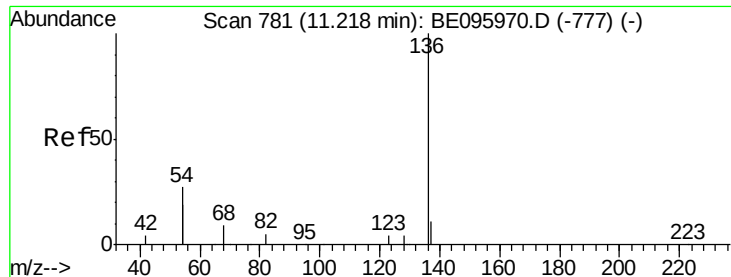
500

0

7.70 7.75 7.80 7.85

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 2371

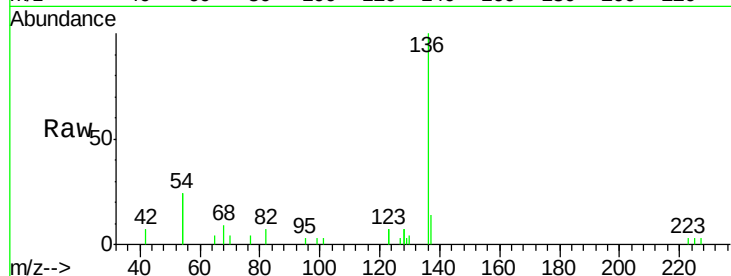
Ion Ratio Lower Upper

136 100

137 13.6 9.5 14.3

54 47.2 29.1 43.7#

68 9.4 6.2 9.2#

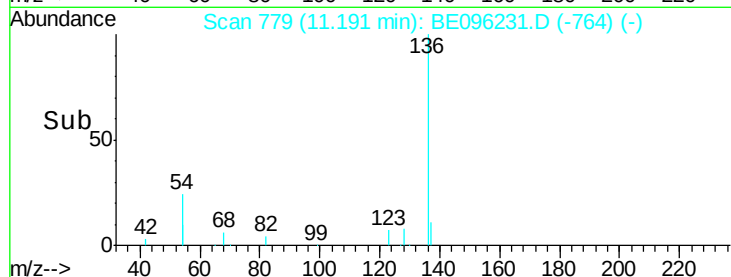


Abundance Ion 136.00 (135.70 to 136.70): E

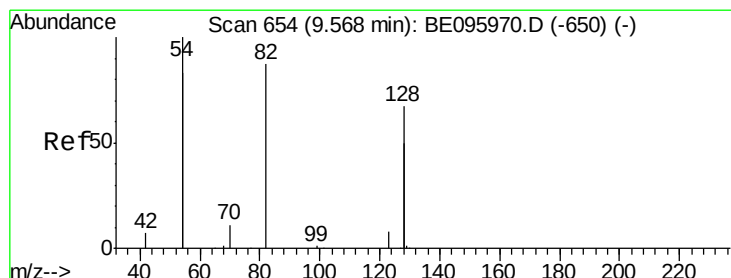
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 11.00 11.20 11.40



#8

Nitrobenzene-d5

Concen: 0.039 ng

RT: 9.45 min Scan# 645

Delta R.T. -0.09 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

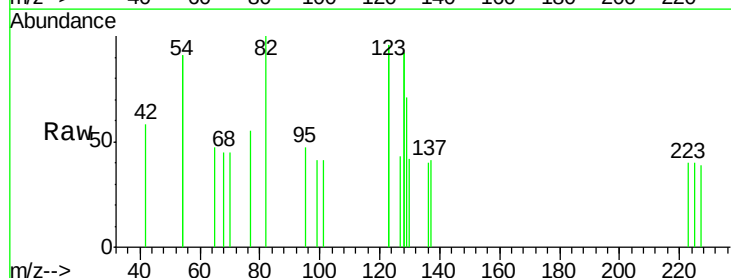
Tgt Ion: 82 Resp: 108

Ion Ratio Lower Upper

82 100

128 183.6 150.0 225.0

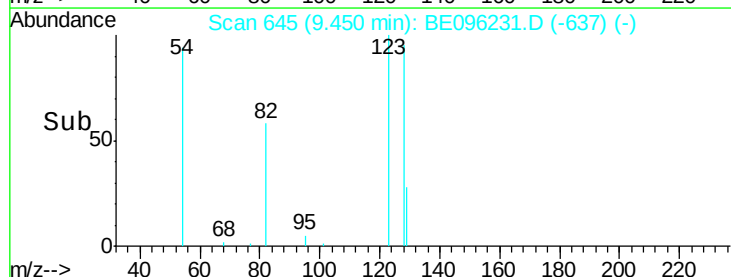
54 181.8 154.2 231.4



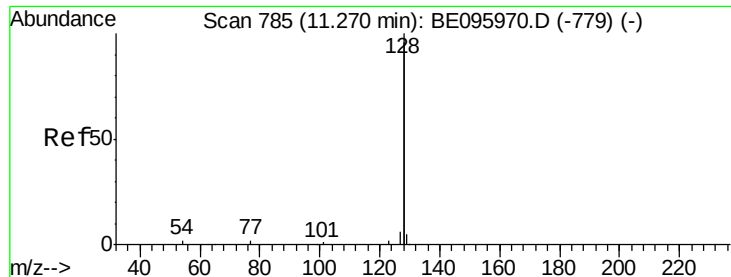
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 9.35 9.40 9.45 9.50



#9

Naphthalene

Concen: 0.385 ng

RT: 11.24 min Scan# 783

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

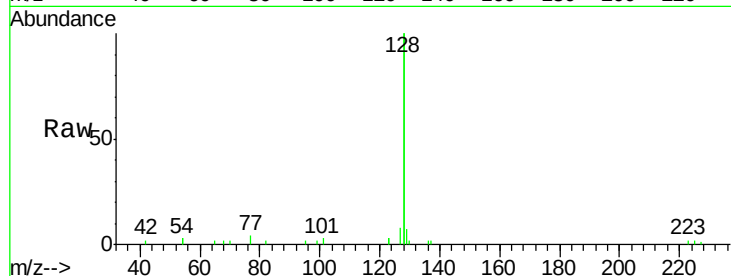
Tgt Ion:128 Resp: 9615

Ion Ratio Lower Upper

128 100

129 3.5 2.6 3.8

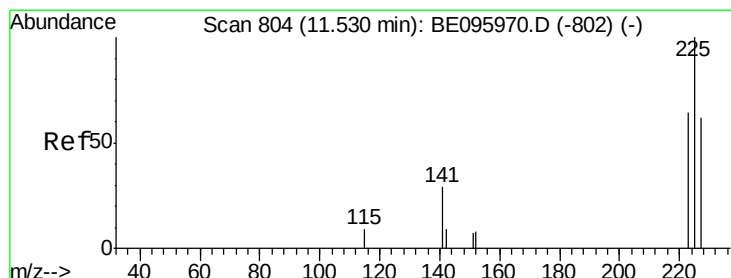
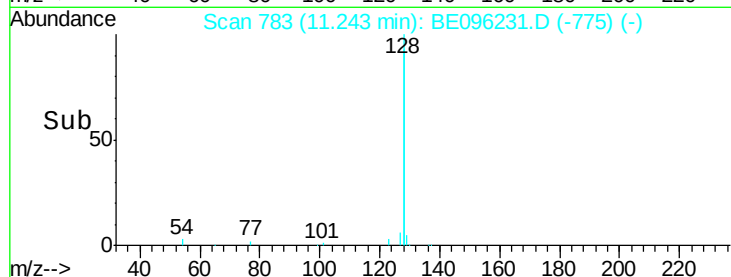
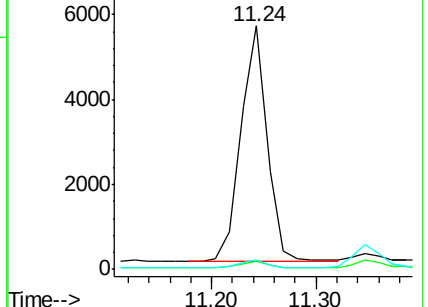
127 3.8 2.8 4.2



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: 0.307 ng

RT: 11.50 min Scan# 803

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

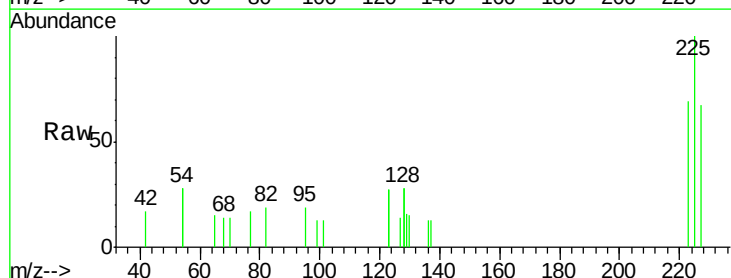
Tgt Ion:225 Resp: 340

Ion Ratio Lower Upper

225 100

223 60.9 53.0 79.6

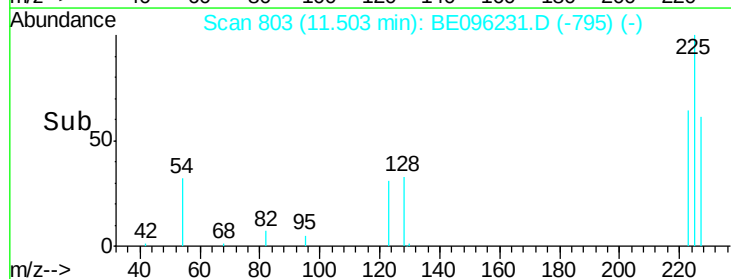
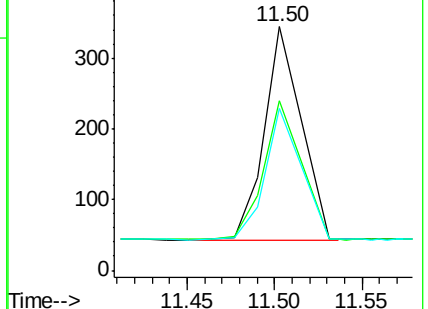
227 45.0 51.4 77.2#

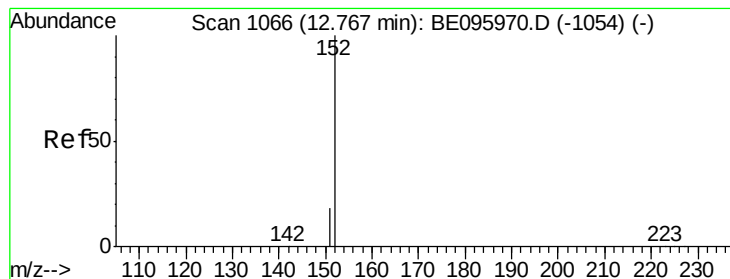


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.376 ng

RT: 12.74 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_E

ClientSampleId :

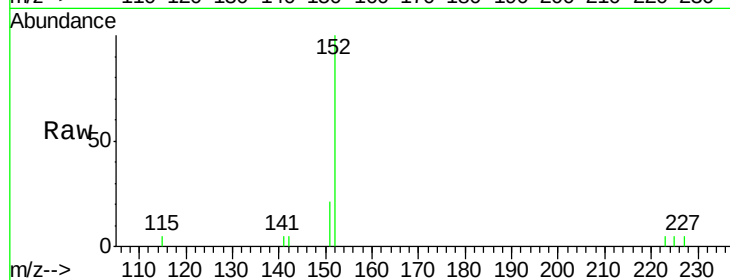
SSTDCCC0.4

Tgt Ion:152 Resp: 1412

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.74

1000

800

600

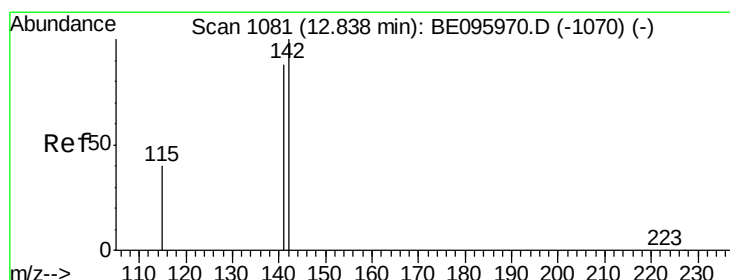
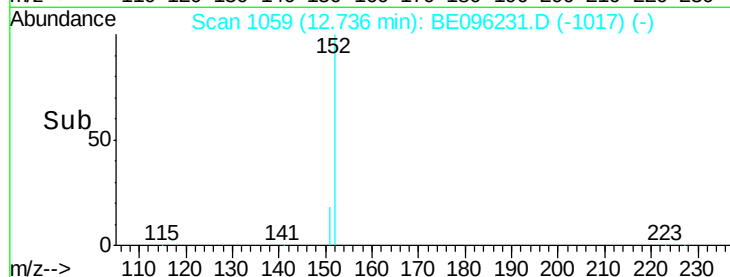
400

200

0

12.70 12.80

Time-->



#12

2-Methylnaphthalene

Concen: 0.379 ng

RT: 12.81 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

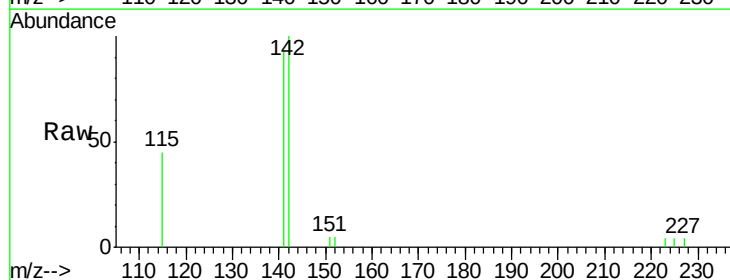
Tgt Ion:142 Resp: 1566

Ion Ratio Lower Upper

142 100

141 93.3 70.4 105.6

115 44.7 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.81

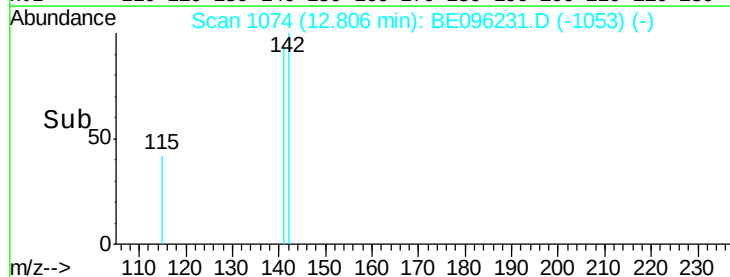
1000

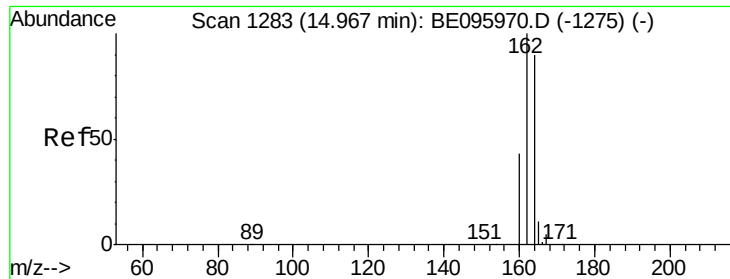
500

0

12.75 12.85

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

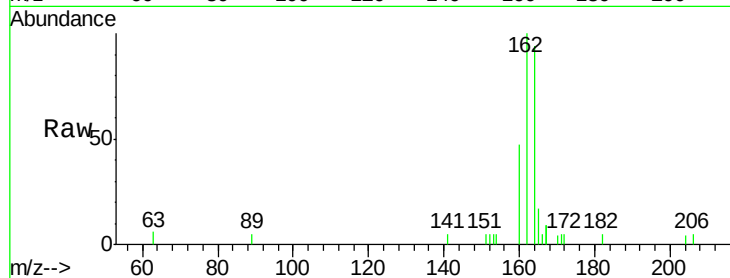
Tgt Ion:164 Resp: 1342

Ion Ratio Lower Upper

164 100

162 105.8 83.1 124.7

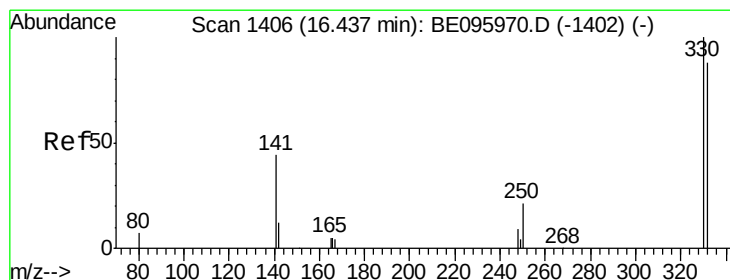
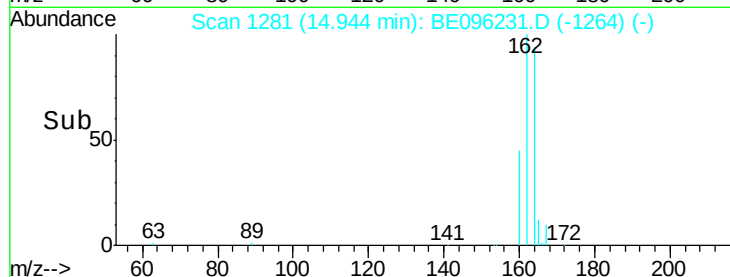
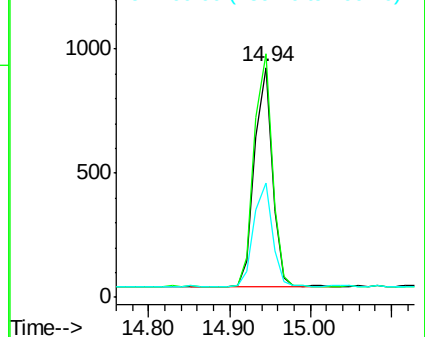
160 49.8 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.393 ng

RT: 16.41 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

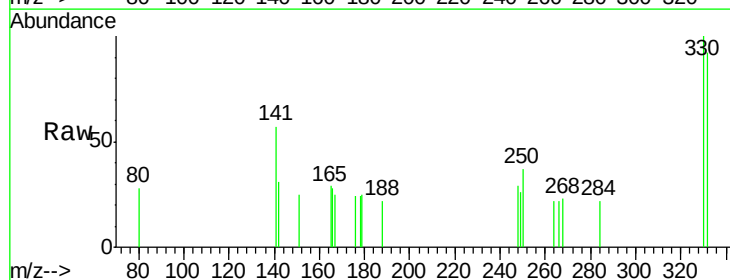
Tgt Ion:330 Resp: 255

Ion Ratio Lower Upper

330 100

332 92.5 152.7 229.1#

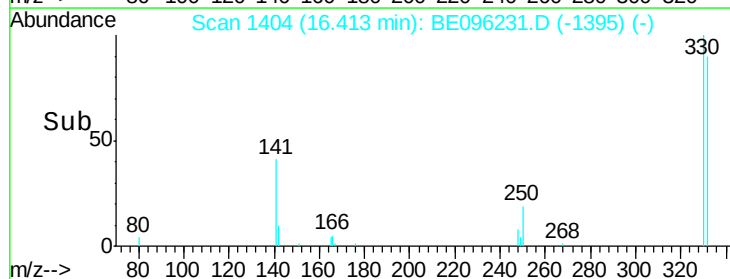
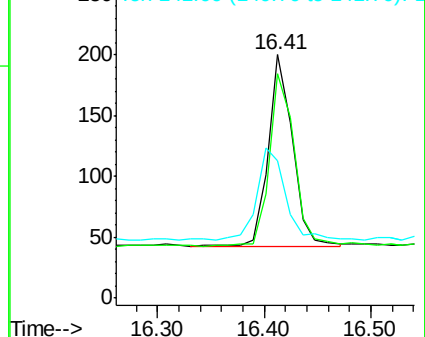
141 51.8 33.7 50.5#

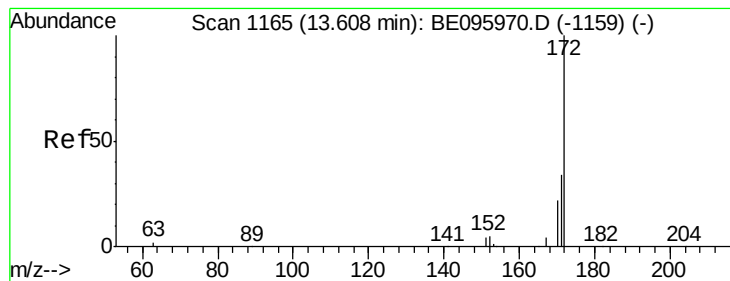


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.378 ng

RT: 13.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

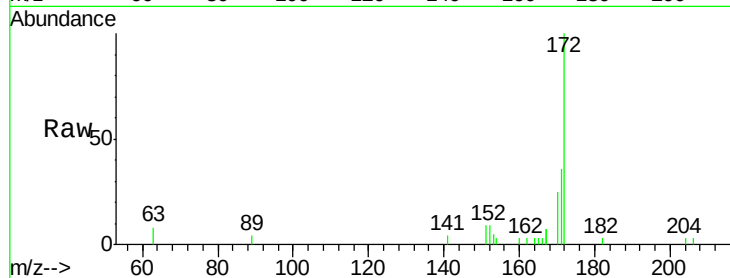
Tgt Ion:172 Resp: 2171

Ion Ratio Lower Upper

172 100

171 36.1 29.9 44.9

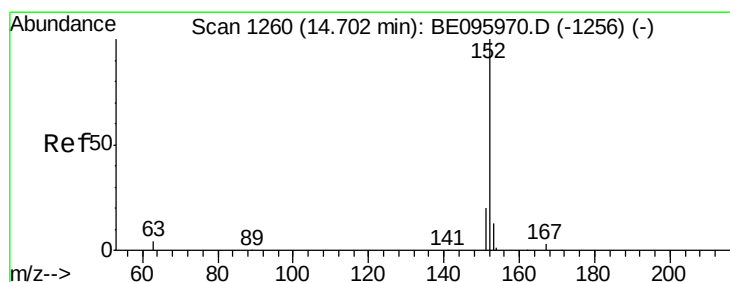
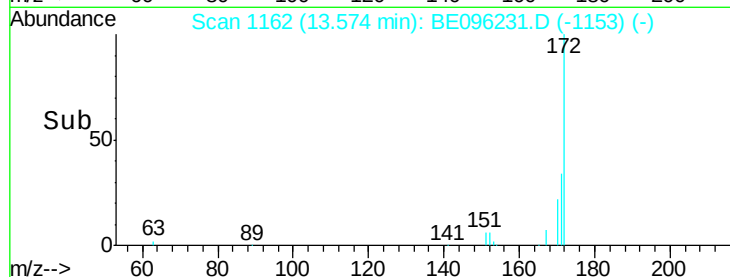
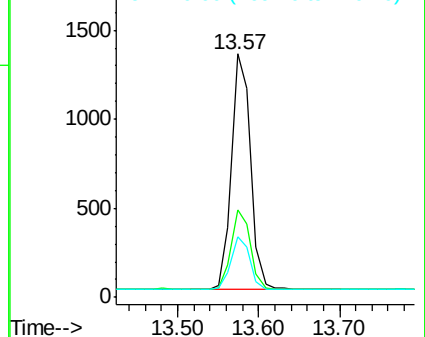
170 24.9 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.378 ng

RT: 14.67 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

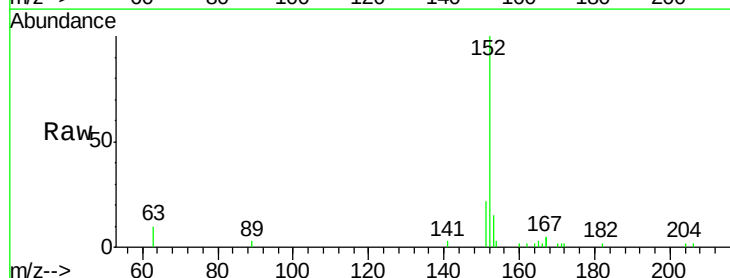
Tgt Ion:152 Resp: 2708

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

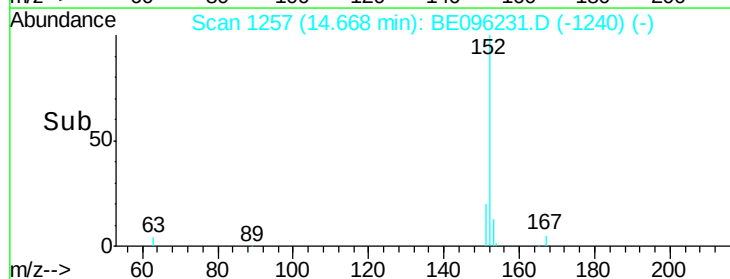
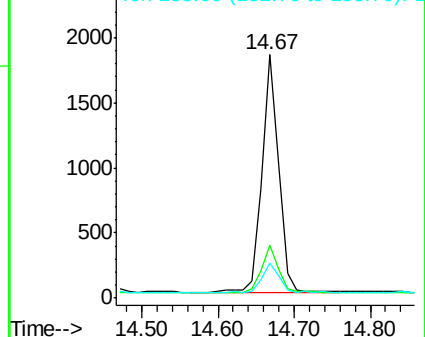
153 12.9 10.5 15.7

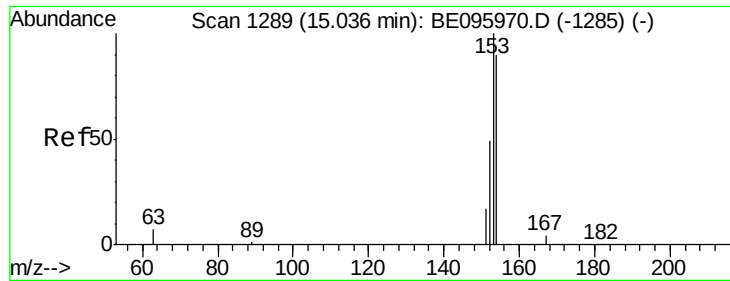


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.375 ng

RT: 15.00 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

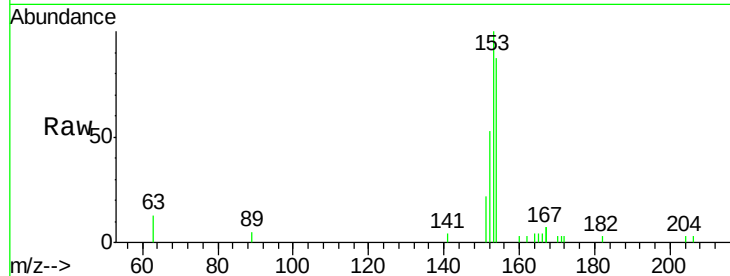
Tgt Ion:154 Resp: 1616

Ion Ratio Lower Upper

154 100

153 114.2 89.2 133.8

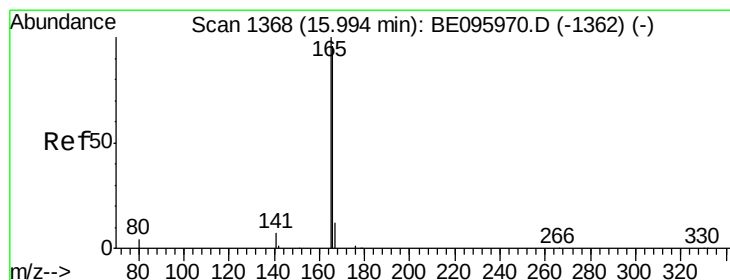
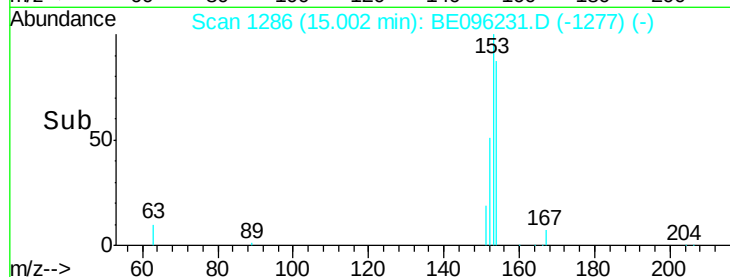
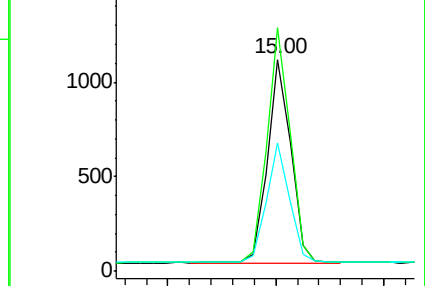
152 58.3 42.0 63.0



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: 0.470 ng

RT: 15.97 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

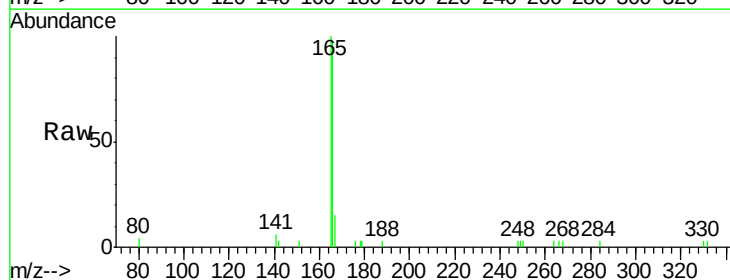
Tgt Ion:166 Resp: 2507

Ion Ratio Lower Upper

166 100

165 83.4 77.8 116.6

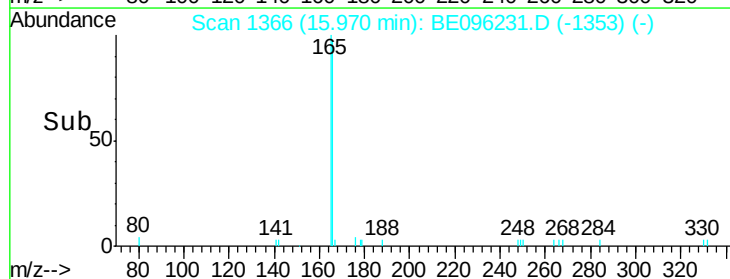
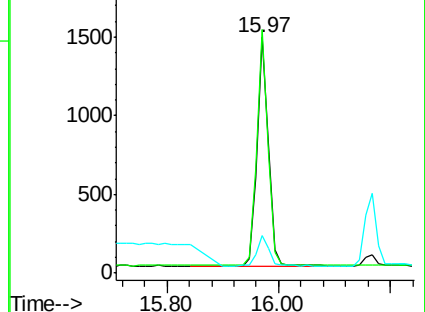
167 11.7 42.4 63.6#

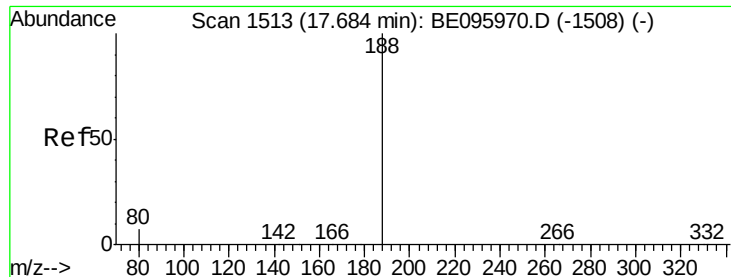


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.65 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

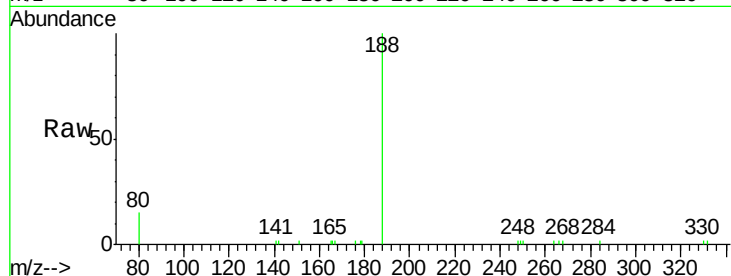
Tgt Ion:188 Resp: 3378

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

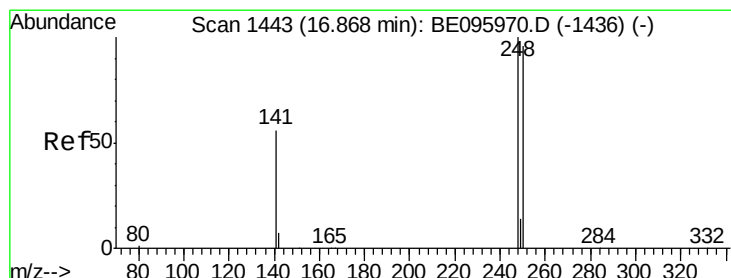
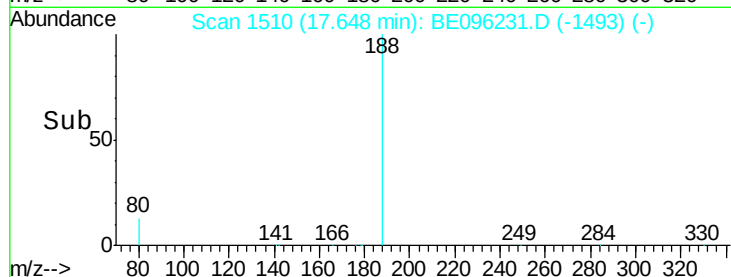
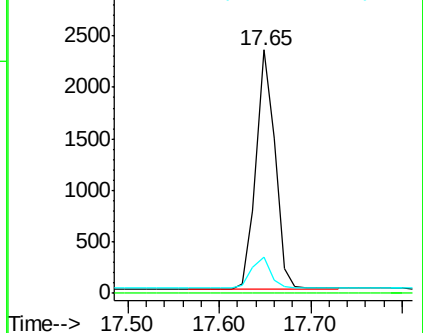
80 14.8 3.6 5.4#



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: 0.363 ng

RT: 16.83 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

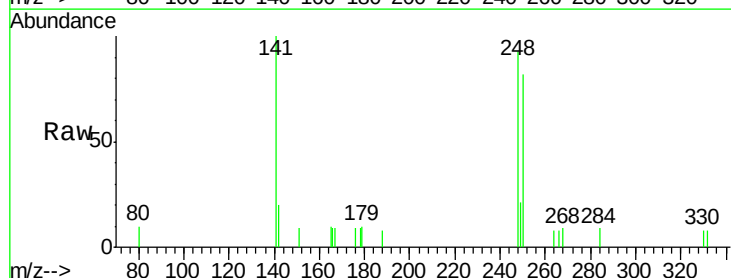
Tgt Ion:248 Resp: 729

Ion Ratio Lower Upper

248 100

250 87.8 62.7 94.1

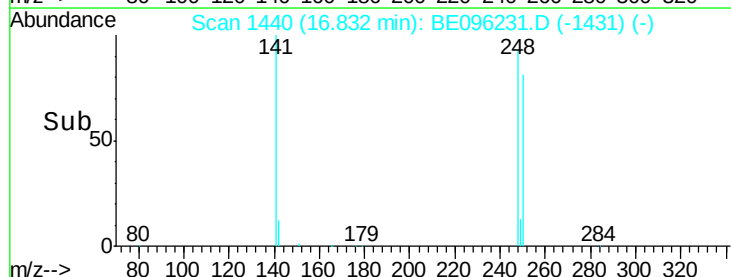
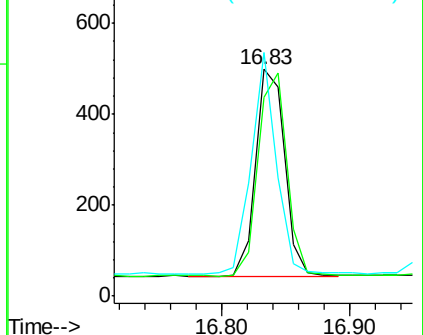
141 107.4 48.2 72.2#

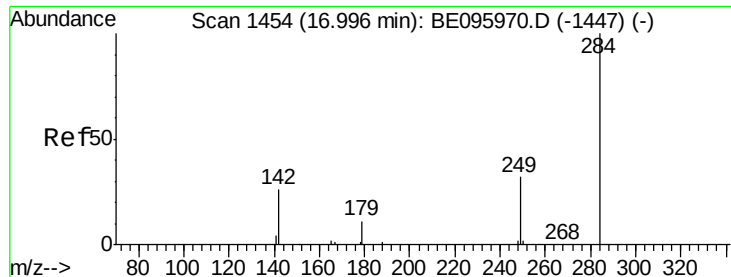


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.365 ng

RT: 16.97 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

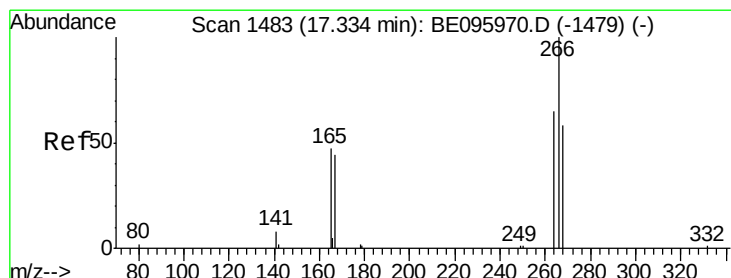
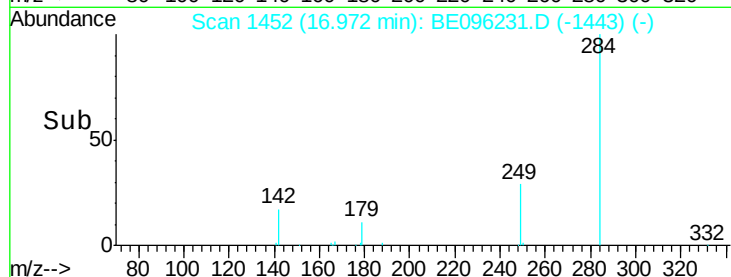
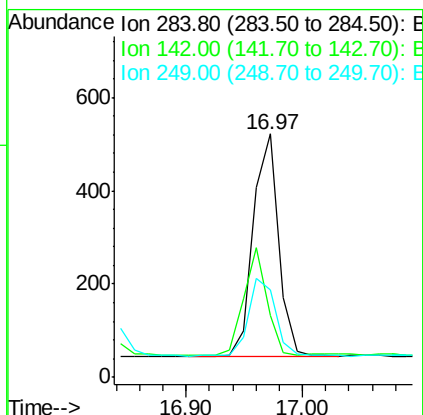
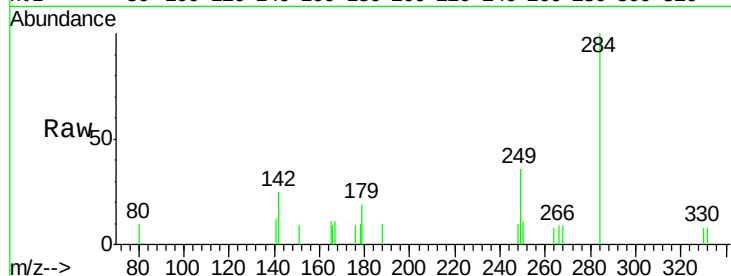
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	284	Resp:	729
Ion	Ratio	Lower	Upper
284	100		
142	44.3	22.1	33.1#
249	37.4	34.8	52.2



#22

Pentachlorophenol

Concen: 0.347 ng

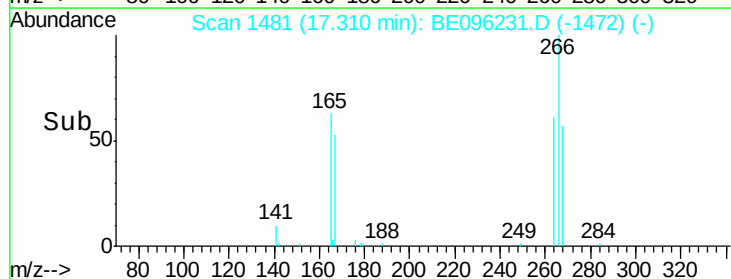
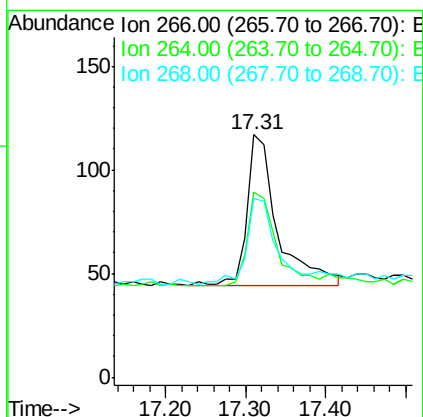
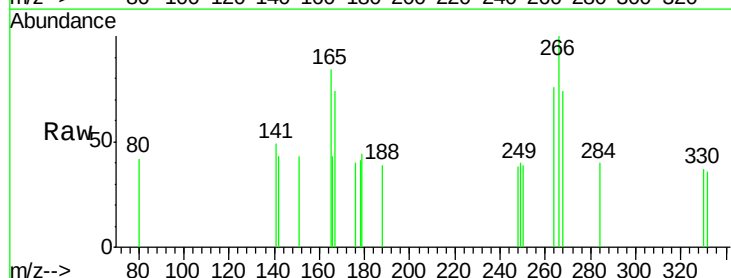
RT: 17.31 min Scan# 1481

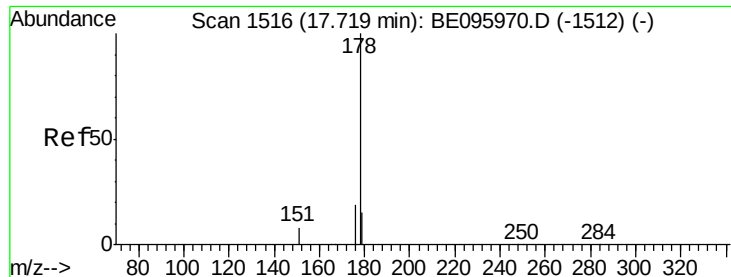
Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

Tgt Ion:	266	Resp:	195
Ion	Ratio	Lower	Upper
266	100		
264	76.1	72.5	108.7
268	73.5	73.8	110.6#





#23

Phenanthrene

Concen: 0.378 ng

RT: 17.69 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

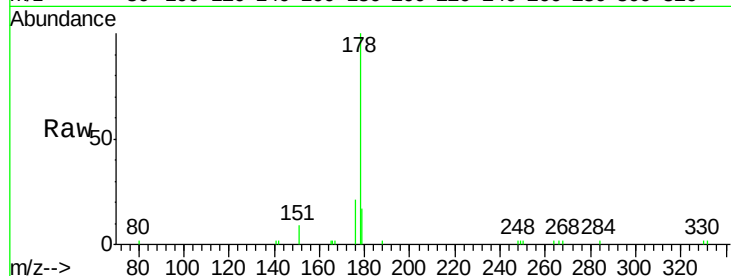
Tgt Ion:178 Resp: 3585

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

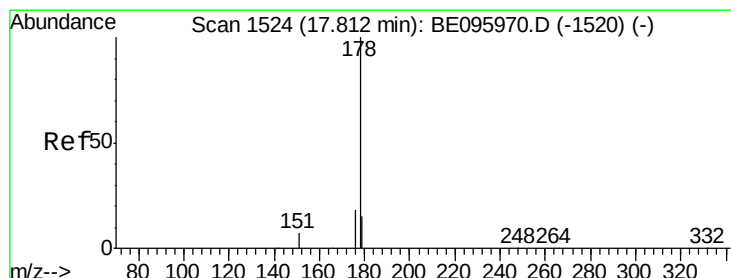
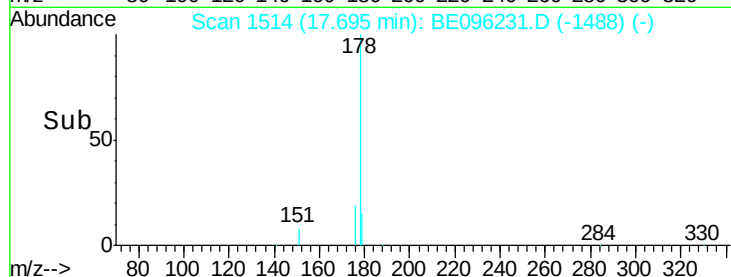
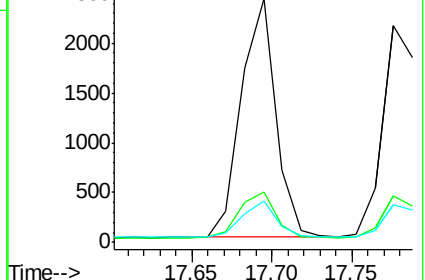
179 15.4 11.8 17.6



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: 0.378 ng

RT: 17.78 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

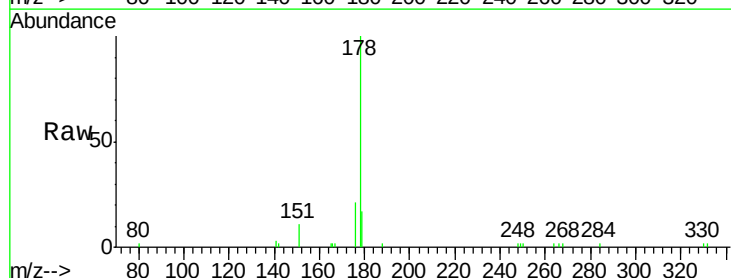
Tgt Ion:178 Resp: 3425

Ion Ratio Lower Upper

178 100

176 19.2 12.8 19.2#

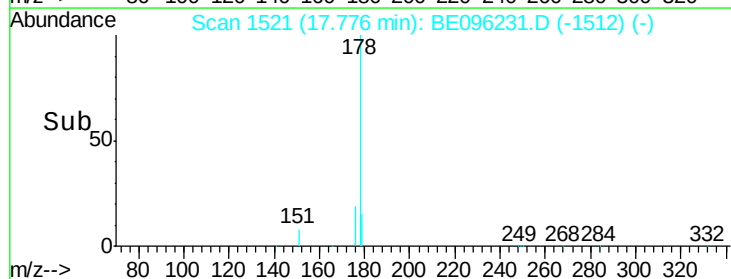
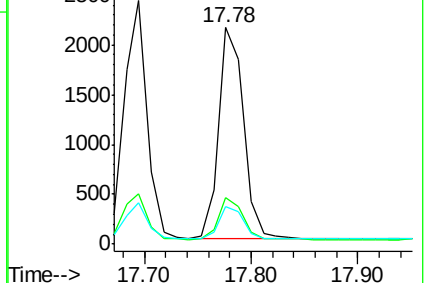
179 15.1 13.0 19.6

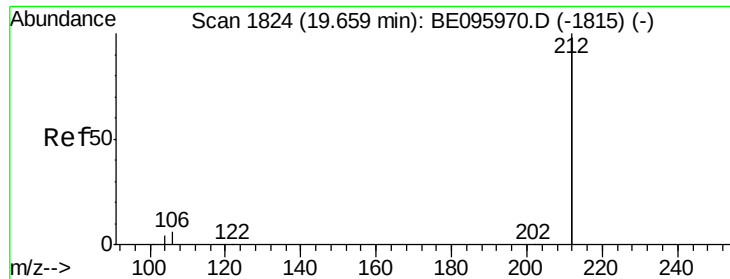


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

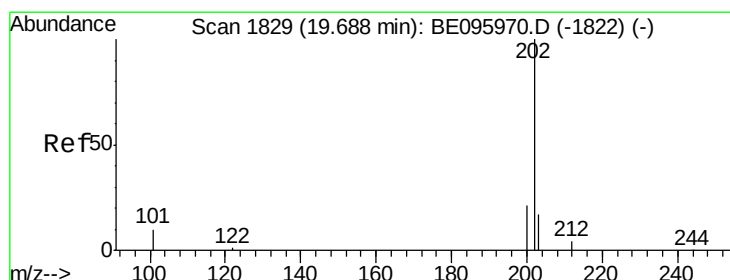
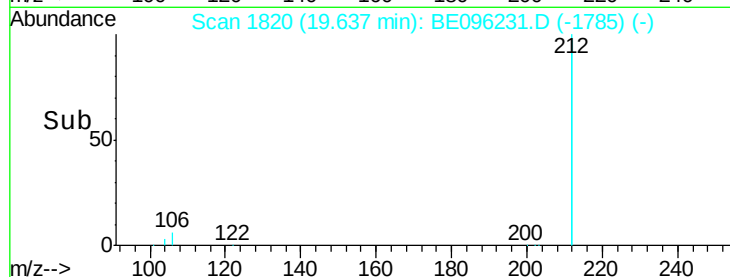
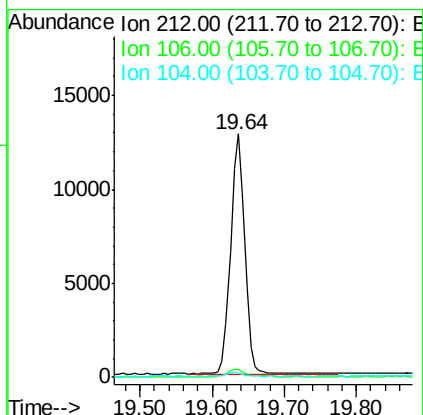
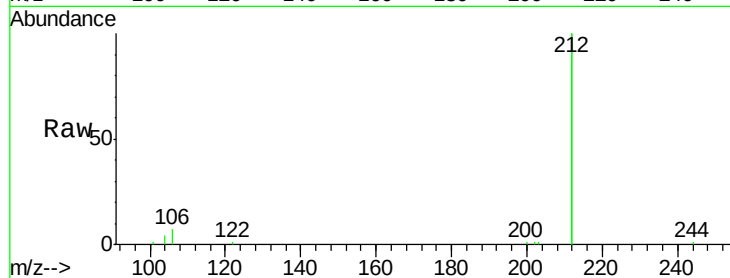




#25
 Fluoranthene-d10
 Concen: 0.377 ng
 RT: 19.64 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BE096231.D
 Acq: 30 Apr 2018 20:47

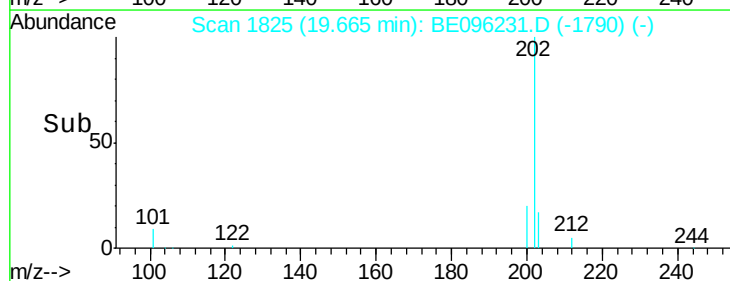
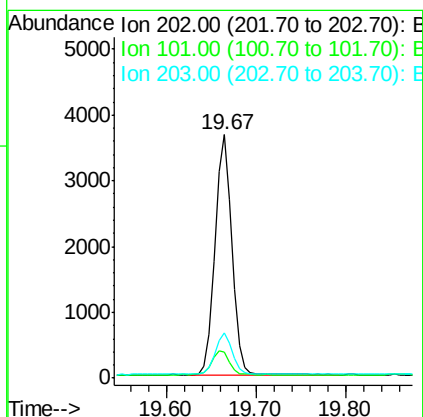
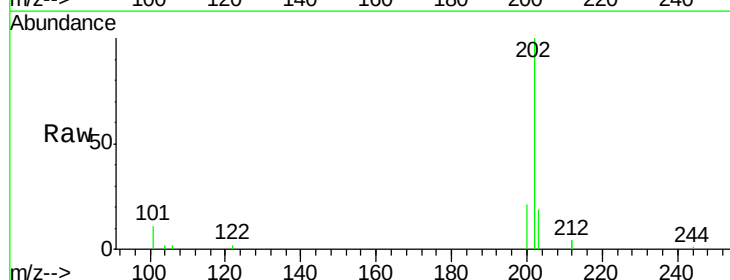
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

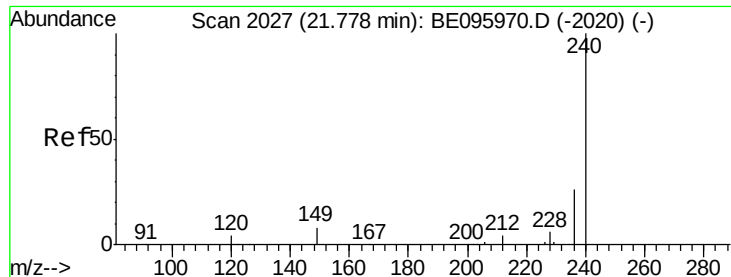
Tgt Ion: 212 Resp: 17280
 Ion Ratio Lower Upper
 212 100
 106 3.1 2.8 4.2
 104 1.7 1.6 2.4



#26
 Fluoranthene
 Concen: 0.384 ng
 RT: 19.67 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BE096231.D
 Acq: 30 Apr 2018 20:47

Tgt Ion: 202 Resp: 4785
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.8 14.8
 203 17.1 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.75 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

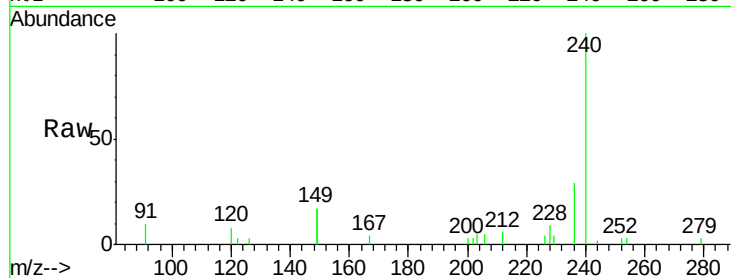
Tgt Ion:240 Resp: 3531

Ion Ratio Lower Upper

240 100

120 8.5 5.5 8.3#

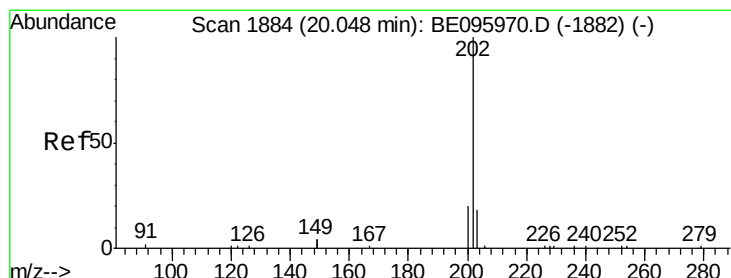
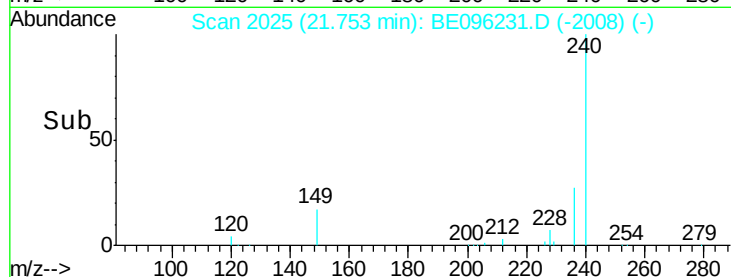
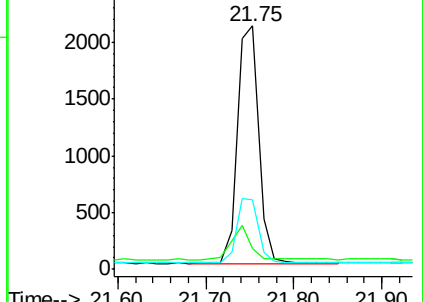
236 28.8 20.7 31.1



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: 0.033 ng

RT: 20.00 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

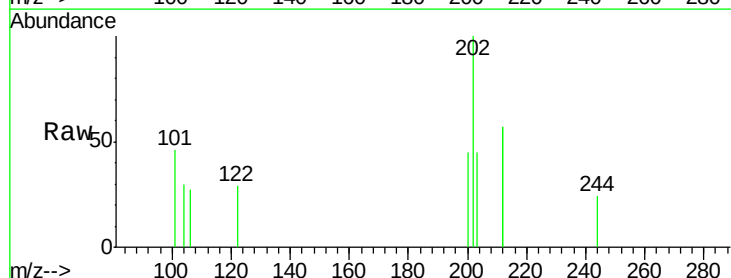
Tgt Ion:202 Resp: 226

Ion Ratio Lower Upper

202 100

200 24.8 16.6 25.0

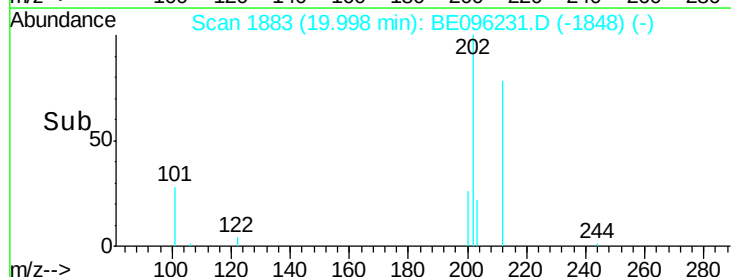
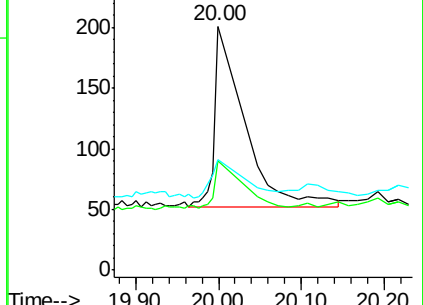
203 31.0 13.8 20.8#

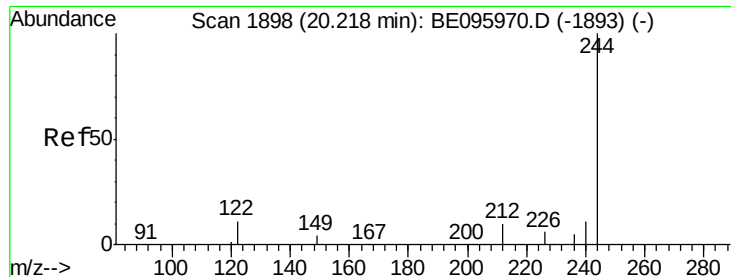


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.392 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

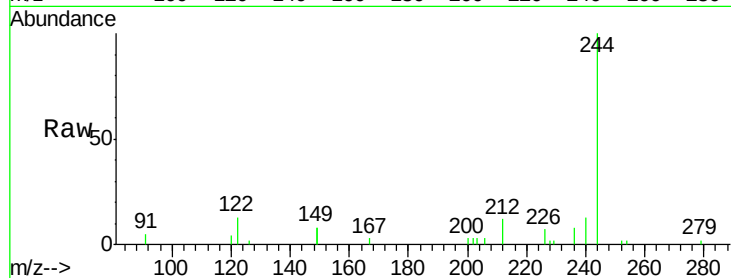
Tgt Ion:244 Resp: 3062

Ion Ratio Lower Upper

244 100

212 12.3 25.4 38.0#

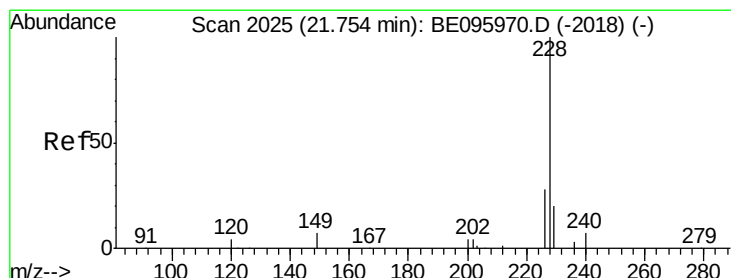
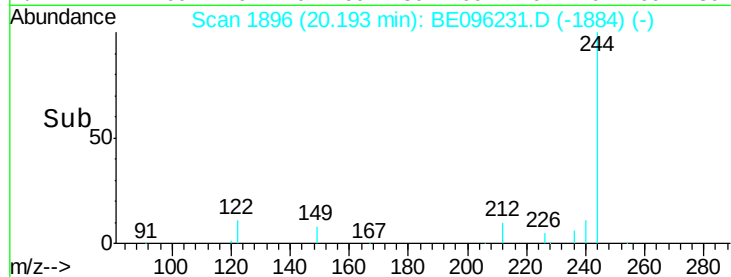
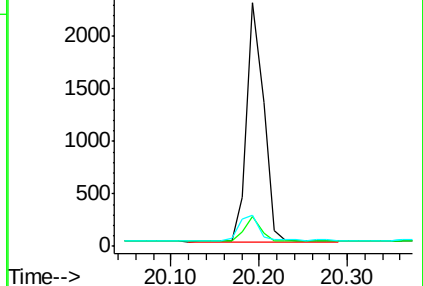
122 12.8 8.1 12.1#



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: 0.391 ng

RT: 21.73 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

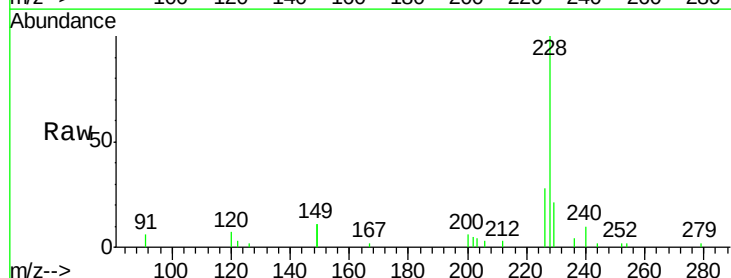
Tgt Ion:228 Resp: 4424

Ion Ratio Lower Upper

228 100

226 28.4 24.0 36.0

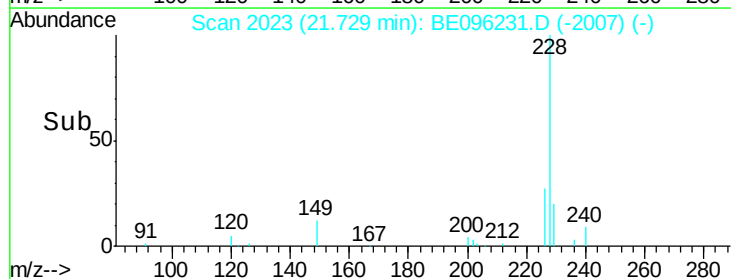
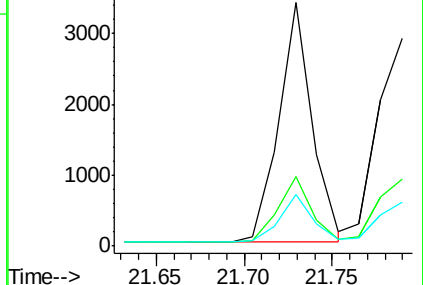
229 21.2 16.0 24.0

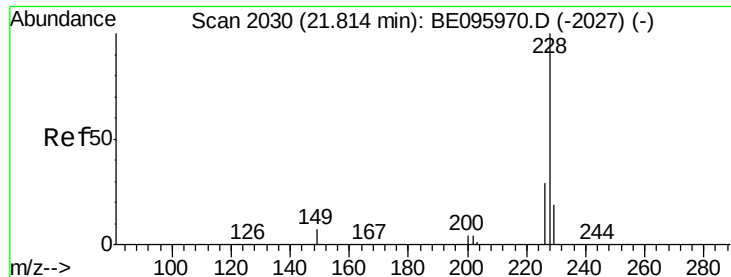


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.393 ng

RT: 21.79 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

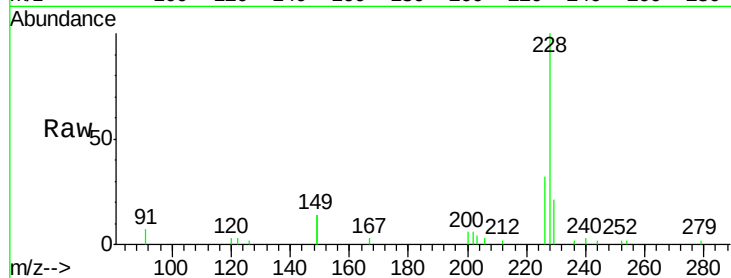
Tgt Ion:228 Resp: 4298

Ion Ratio Lower Upper

228 100

226 32.4 24.0 36.0

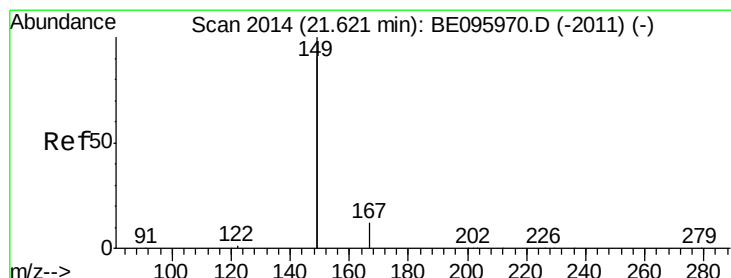
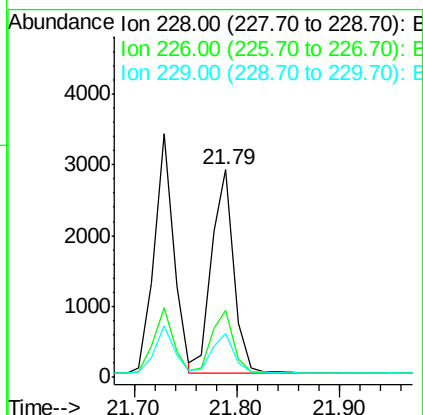
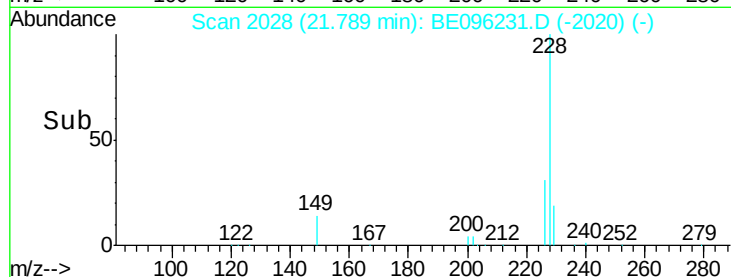
229 21.3 16.0 24.0



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: 0.414 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

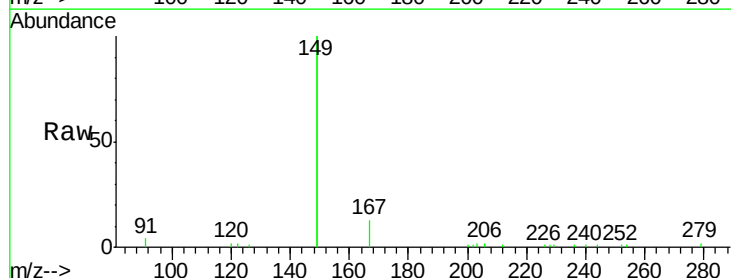
Tgt Ion:149 Resp: 12102

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

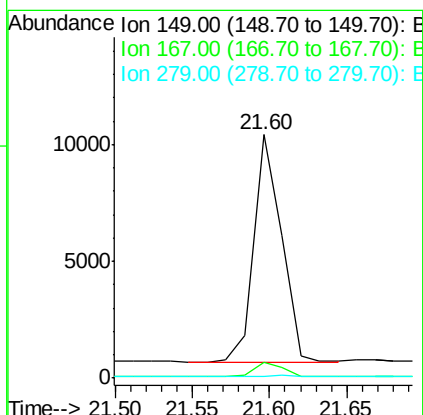
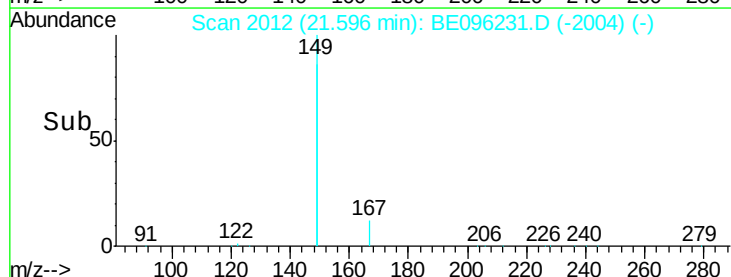
279 0.9 0.7 1.1

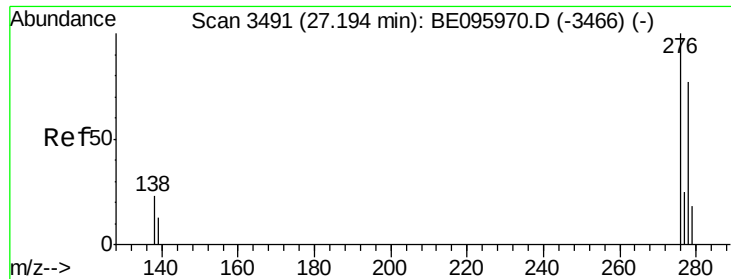


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.417 ng

RT: 27.13 min Scan# 3473

Delta R.T. -0.00 min

Lab File: BE096231.D

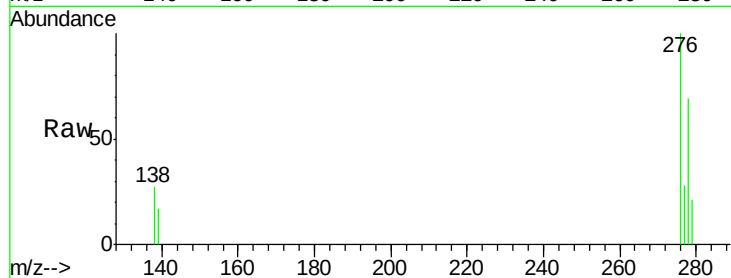
Acq: 30 Apr 2018 20:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



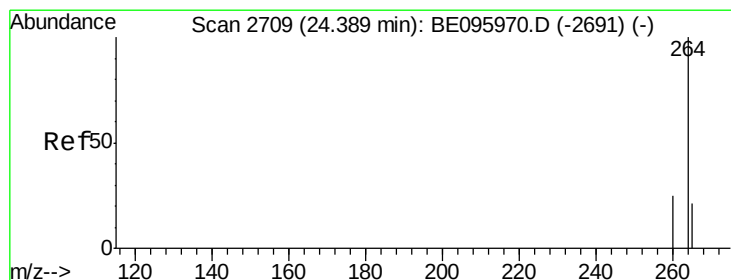
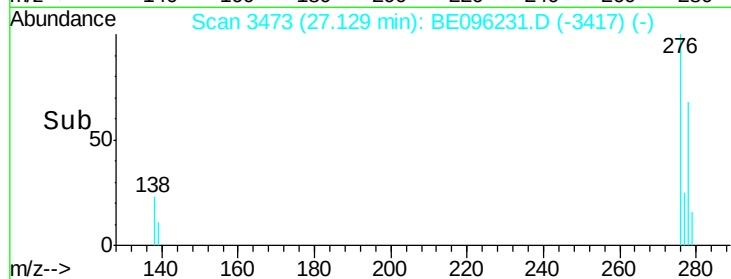
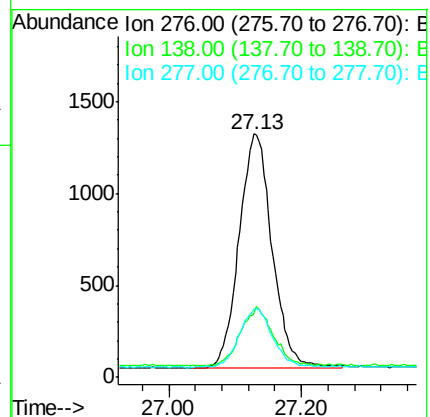
Tgt Ion:276 Resp: 4423

Ion Ratio Lower Upper

276 100

138 24.1 22.5 33.7

277 24.0 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.35 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

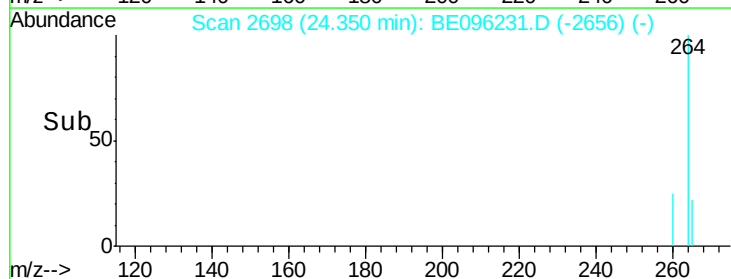
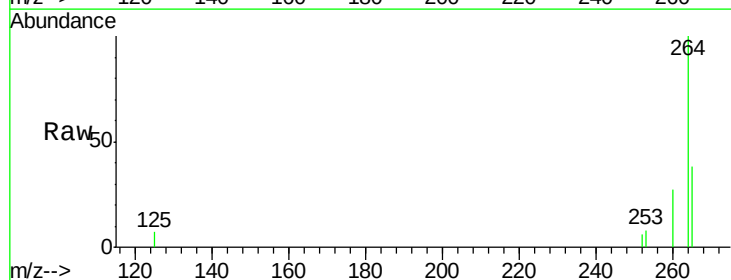
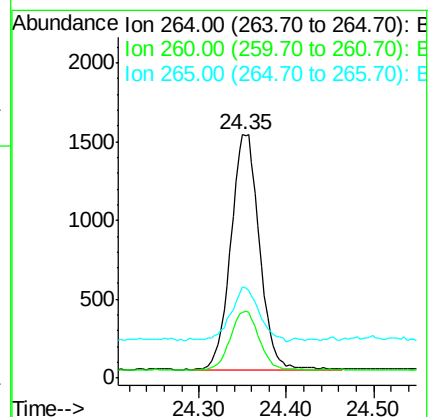
Tgt Ion:264 Resp: 3411

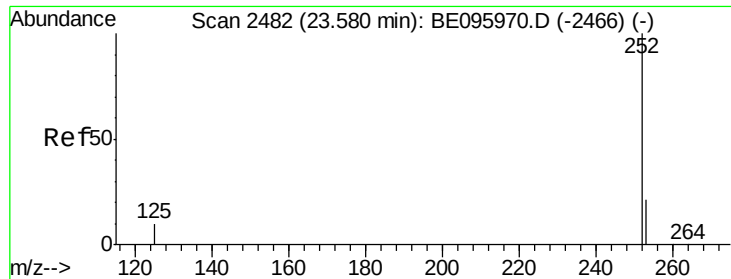
Ion Ratio Lower Upper

264 100

260 27.1 20.5 30.7

265 37.7 22.8 34.2#





#35

Benzo(b)fluoranthene

Concen: 0.390 ng

RT: 23.54 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

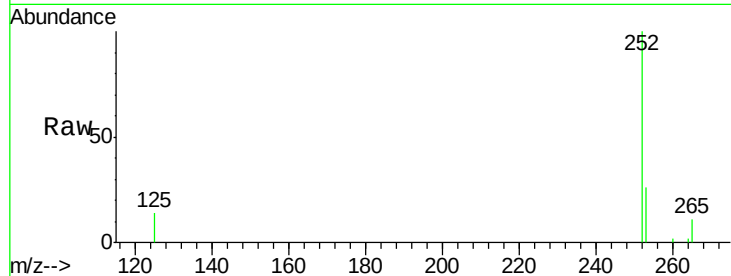
Tgt Ion:252 Resp: 3985

Ion Ratio Lower Upper

252 100

253 25.9 20.0 30.0

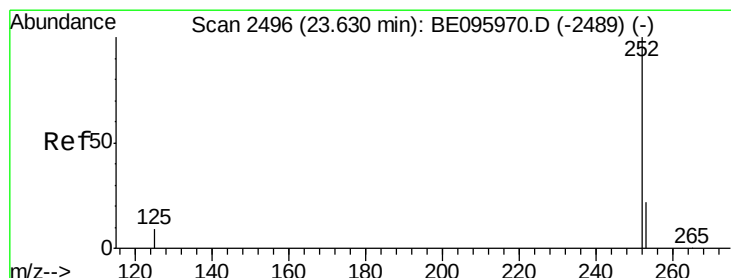
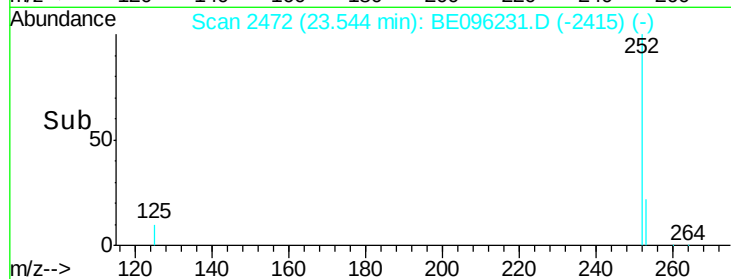
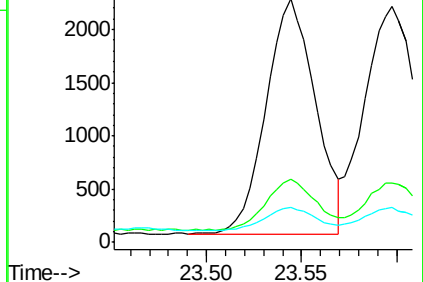
125 14.1 16.0 24.0#



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: 0.393 ng

RT: 23.60 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

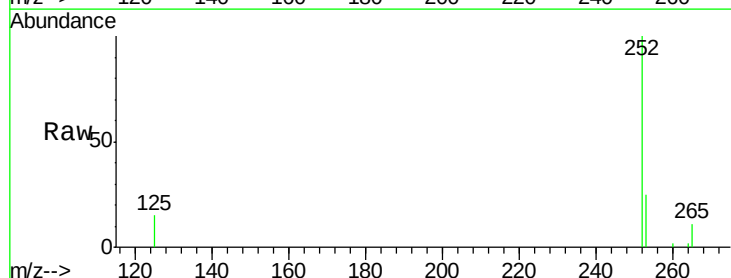
Tgt Ion:252 Resp: 4141

Ion Ratio Lower Upper

252 100

253 25.0 16.0 24.0#

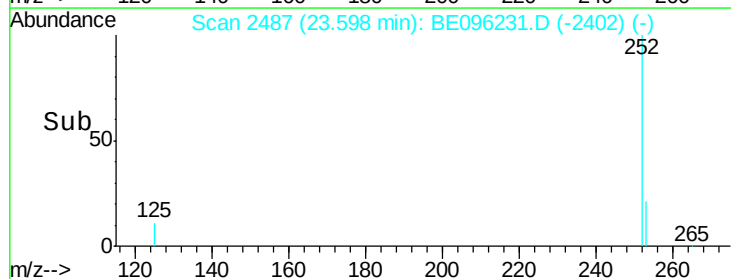
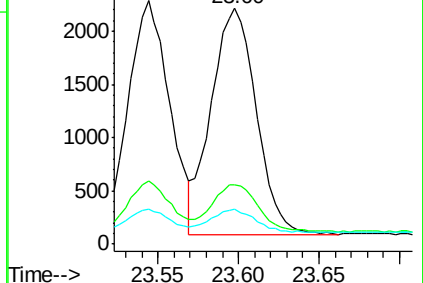
125 15.1 8.0 12.0#

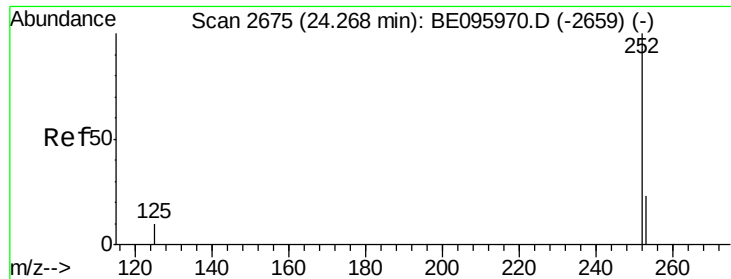


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.385 ng

RT: 24.23 min Scan# 2665

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

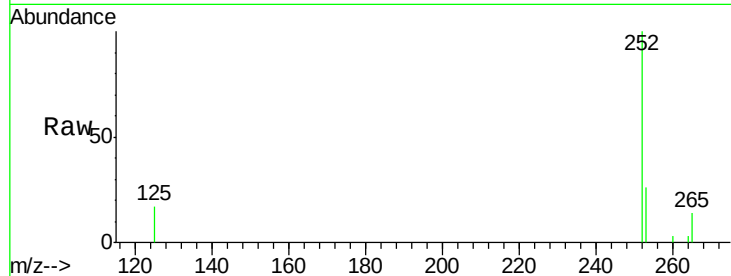
Tgt Ion:252 Resp: 3788

Ion Ratio Lower Upper

252 100

253 26.3 16.0 24.0#

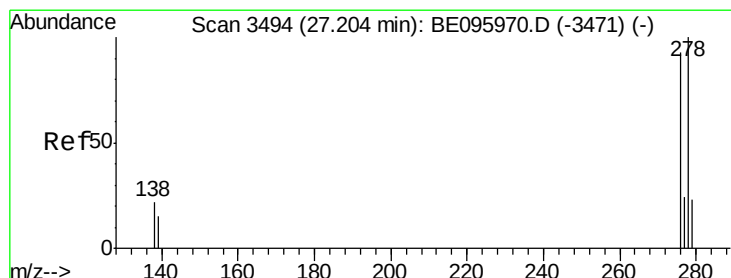
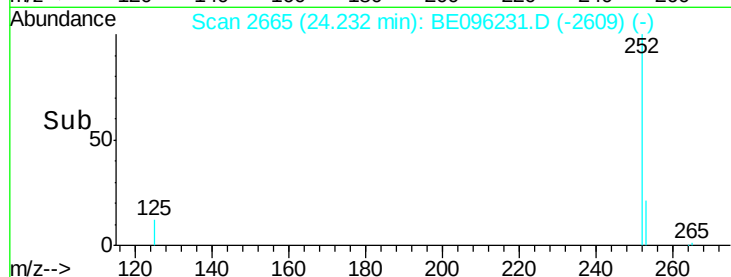
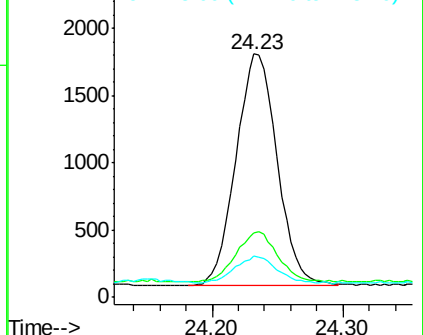
125 16.7 12.0 18.0



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: 0.417 ng

RT: 27.14 min Scan# 3476

Delta R.T. -0.00 min

Lab File: BE096231.D

Acq: 30 Apr 2018 20:47

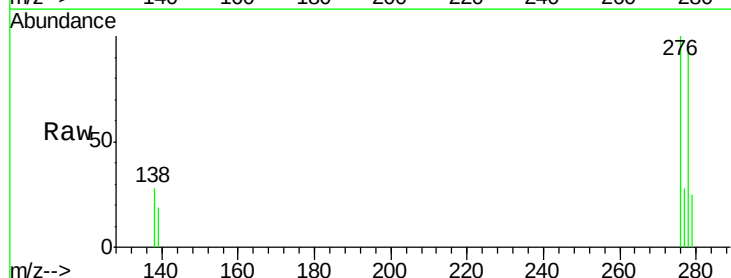
Tgt Ion:278 Resp: 3616

Ion Ratio Lower Upper

278 100

139 20.5 16.0 24.0

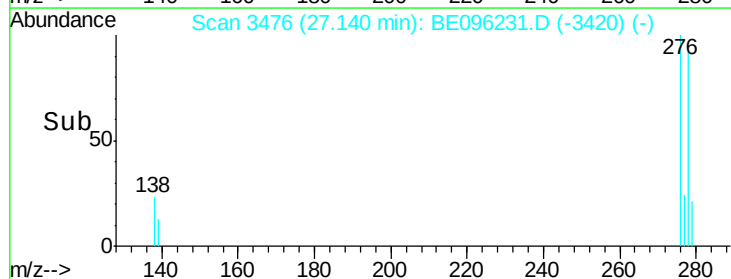
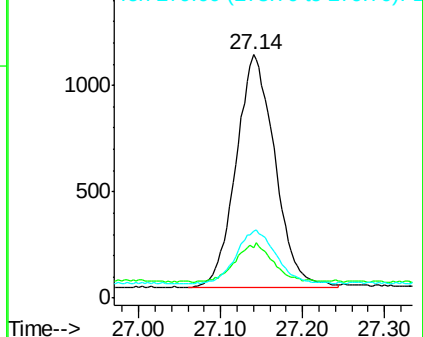
279 27.3 20.0 30.0

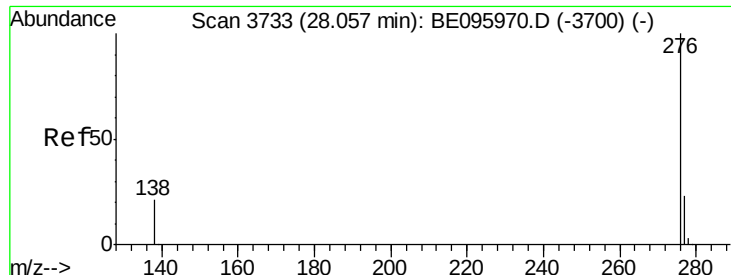


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.399 ng

RT: 28.00 min Scan# 3717

Delta R.T. 0.01 min

Lab File: BE096231.D

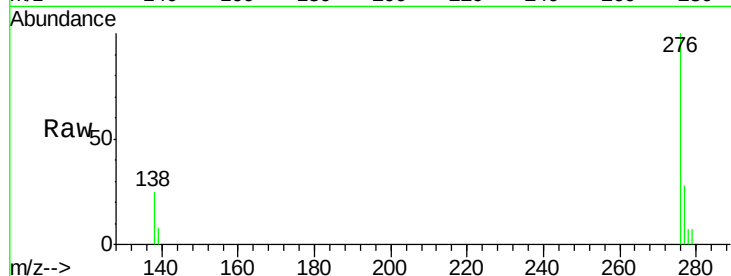
Acq: 30 Apr 2018 20:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 3658

Ion Ratio Lower Upper

276 100

277 28.0 16.0 24.0#

138 24.5 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

