

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
 Data File : BE096916.D
 Acq On : 13 Jul 2018 20:58
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 13 22:58:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 17:02:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	2376	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	12583	0.40	ng	0.01
13) Acenaphthene-d10	14.03	164	6775	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	15668	0.40	ng	0.01
27) Chrysene-d12	20.98	240	14511	0.40	ng	0.00
34) Perylene-d12	23.21	264	15244	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	2423	0.46	ng	0.00
5) Phenol-d6	6.59	99	3745	0.47	ng	0.00
8) Nitrobenzene-d5	8.52	82	3689	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	7258	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	649	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	9764	0.39	ng	0.00
25) Fluoranthene-d10	18.81	212	56214	0.41	ng	0.00
29) Terphenyl-d14	19.43	244	10590	0.38	ng	0.00

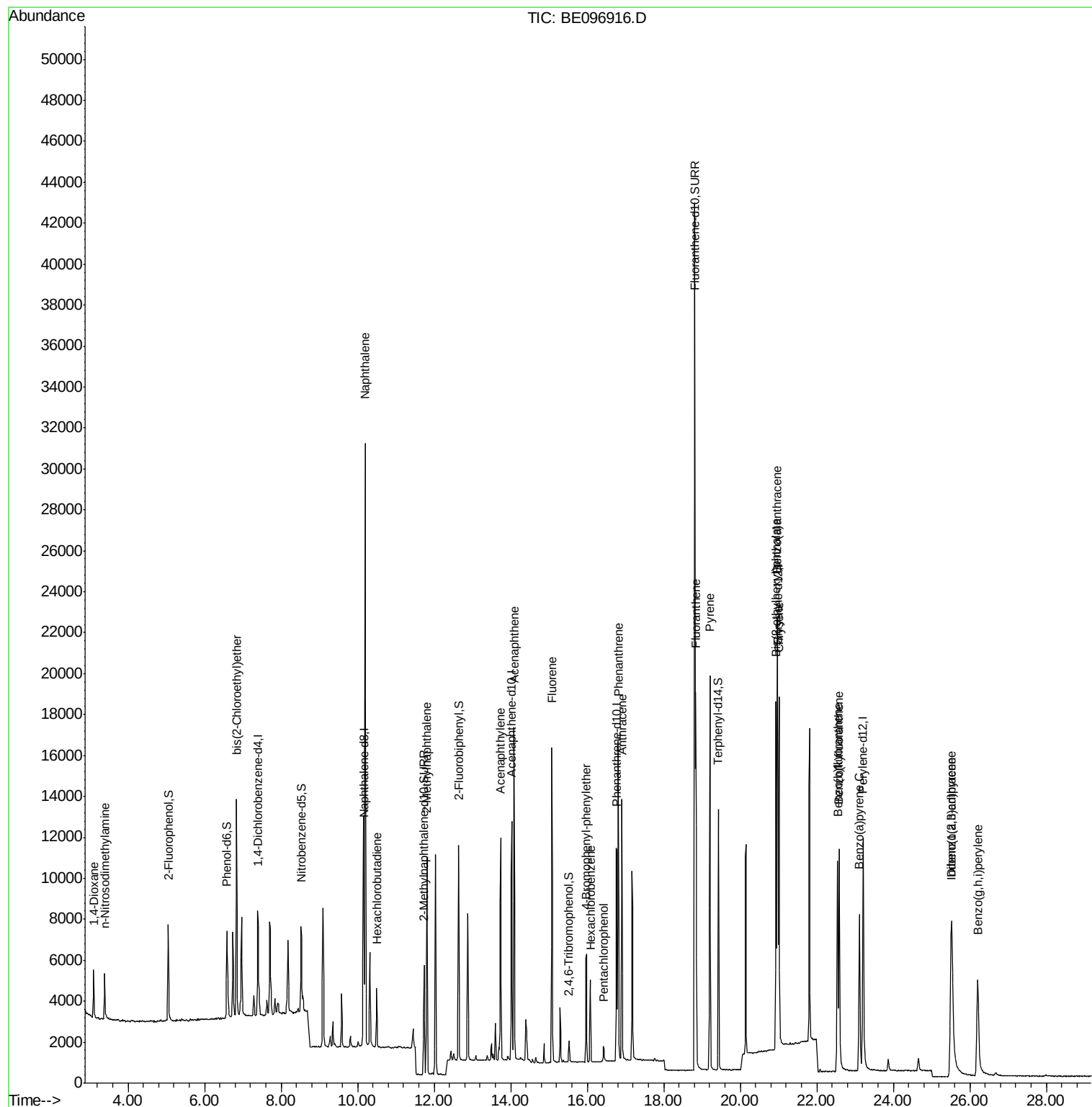
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	1264	0.355	ng	# 89
3) n-Nitrosodimethylamine	3.38	42	1542	0.409	ng	# 91
6) bis(2-Chloroethyl)ether	6.84	93	3361	0.387	ng	95
9) Naphthalene	10.20	128	44443	0.389	ng	100
10) Hexachlorobutadiene	10.50	225	1839	0.387	ng	97
12) 2-Methylnaphthalene	11.81	142	7500	0.396	ng	99
16) Acenaphthylene	13.74	152	11992	0.408	ng	99
17) Acenaphthene	14.08	154	7592	0.391	ng	95
18) Fluorene	15.08	166	8531	0.374	ng	# 81
20) 4-Bromophenyl-phenylether	15.98	248	2898	0.410	ng	# 76
21) Hexachlorobenzene	16.09	284	3250	0.404	ng	# 80
22) Pentachlorophenol	16.43	266	456	0.385	ng	# 76
23) Phenanthrene	16.81	178	15093	0.392	ng	98
24) Anthracene	16.91	178	13212	0.414	ng	96
26) Fluoranthene	18.84	202	16192	0.416	ng	99
28) Pyrene	19.21	202	16494	0.393	ng	98
30) Benzo(a)anthracene	20.97	228	13591	0.423	ng	95
31) Chrysene	21.01	228	14813	0.373	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	17094	0.594	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	14380	0.487	ng	96
35) Benzo(b)fluoranthene	22.54	252	13392	0.322	ng	# 88
36) Benzo(k)fluoranthene	22.58	252	15082	0.342	ng	97
37) Benzo(a)pyrene	23.11	252	12290	0.372	ng	# 93
38) Dibenzo(a,h)anthracene	25.53	278	12021	0.379	ng	97
39) Benzo(g,h,i)perylene	26.21	276	12476	0.338	ng	# 93

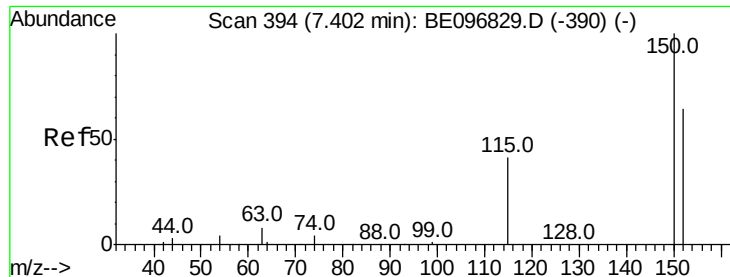
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

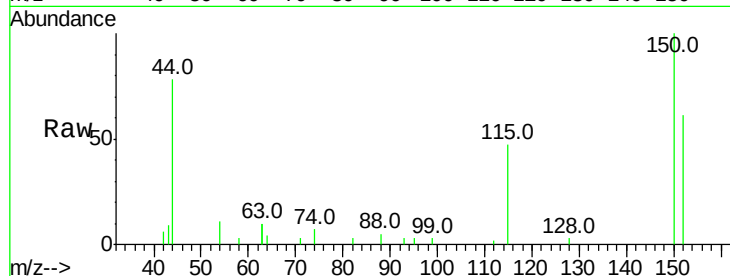
Tot Ion:152 Resp: 2376

Ion Ratio Lower Upper

152 100

150 162.6 117.2 175.8

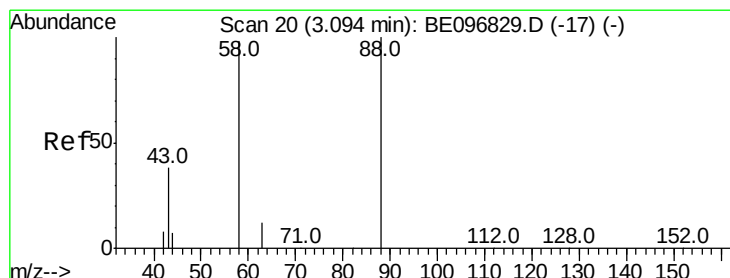
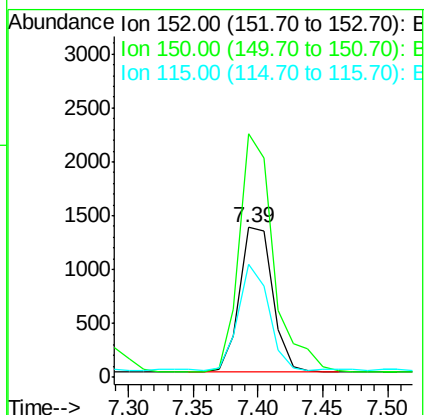
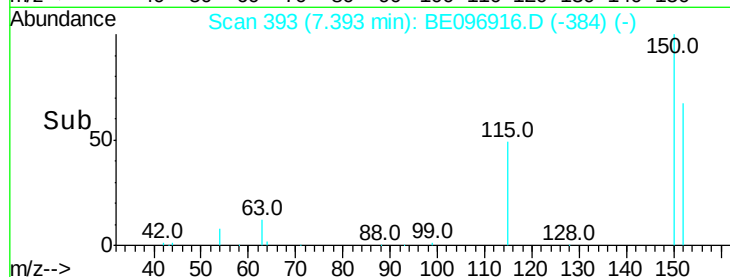
115 75.7 57.0 85.6



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: 0.355 ng

RT: 3.10 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

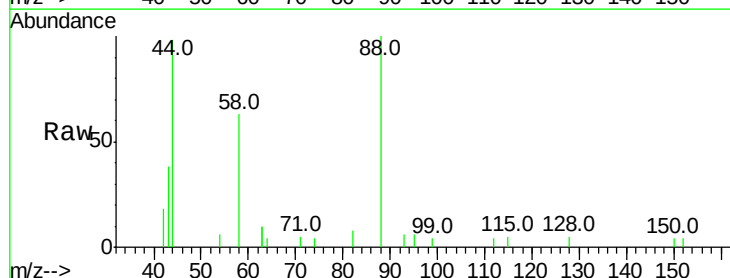
Tgt Ion: 88 Resp: 1264

Ion Ratio Lower Upper

88 100

58 85.0 63.2 94.8

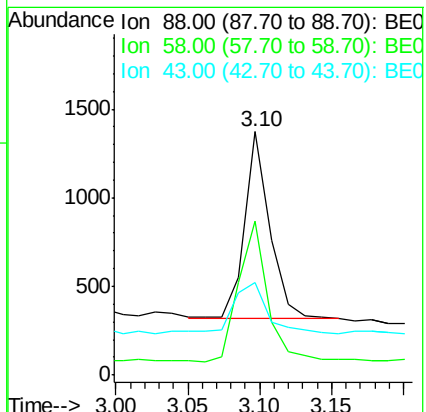
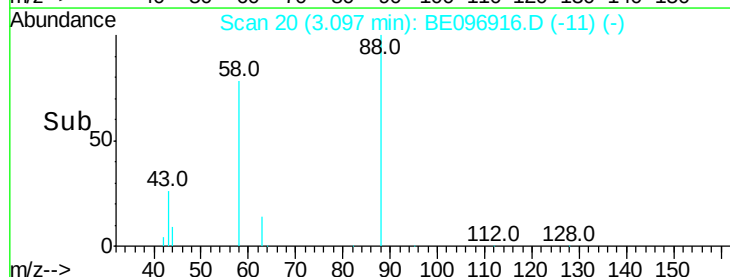
43 39.1 41.2 61.8#

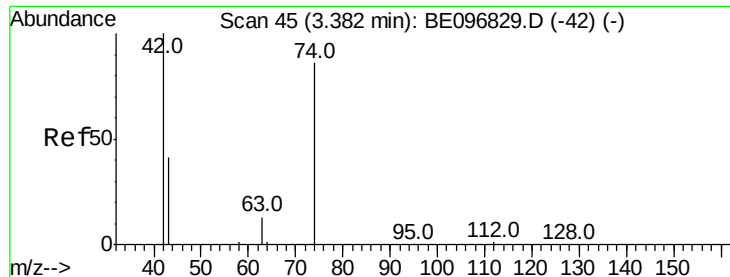


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.409 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

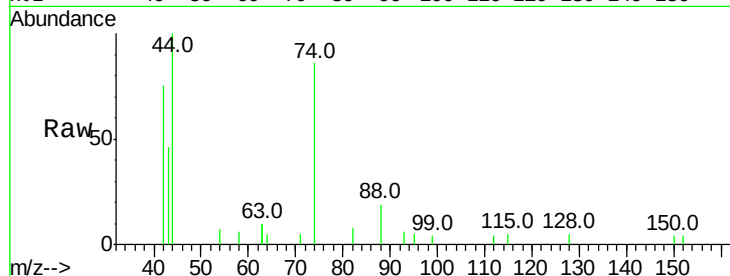
Tot Ion: 42 Resp: 1542

Ion Ratio Lower Upper

42 100

74 110.1 96.0 144.0

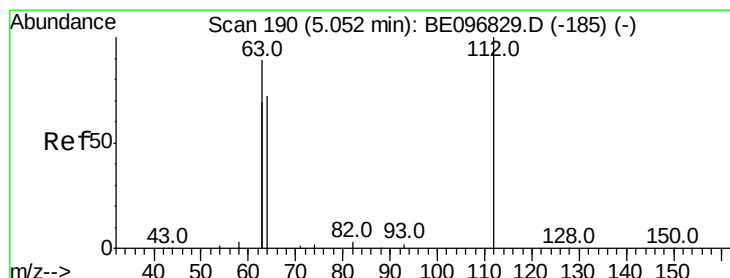
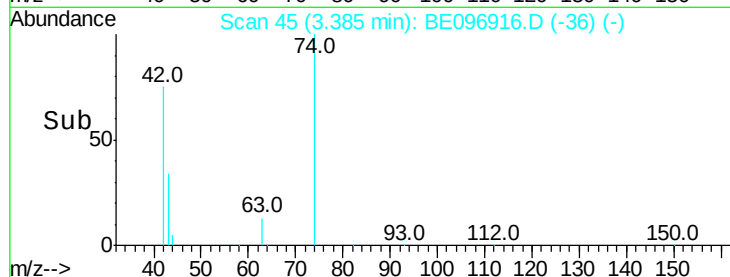
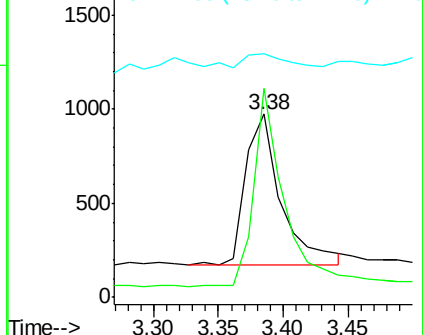
44 9.7 12.0 18.0#



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: 0.456 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

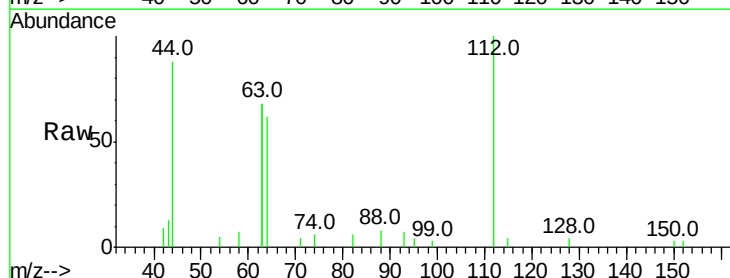
Tgt Ion: 112 Resp: 2423

Ion Ratio Lower Upper

112 100

64 68.5 60.1 90.1

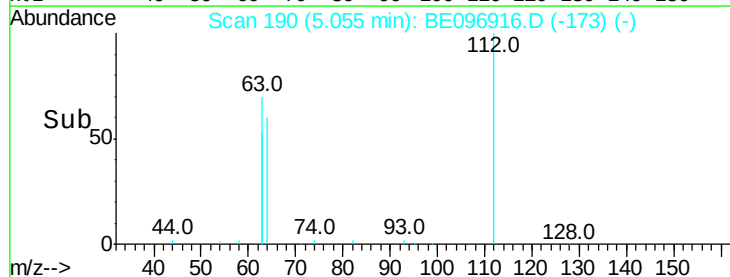
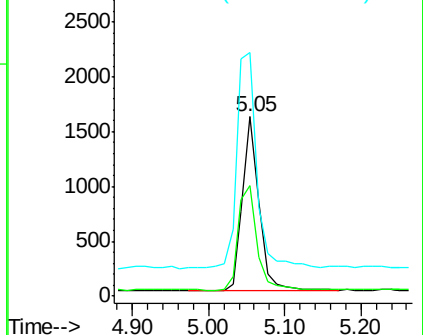
63 150.8 116.8 175.2

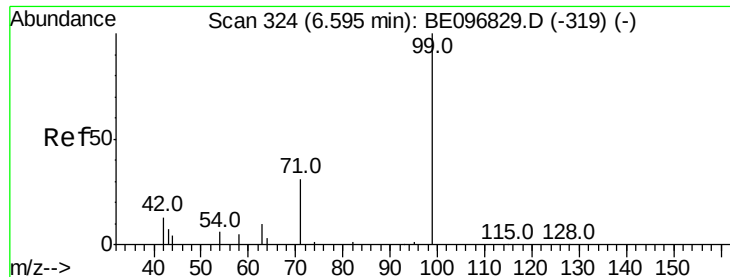


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.473 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

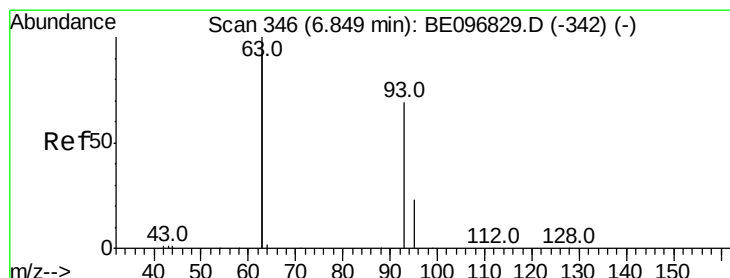
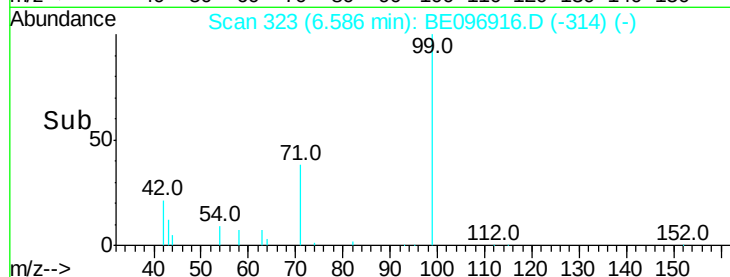
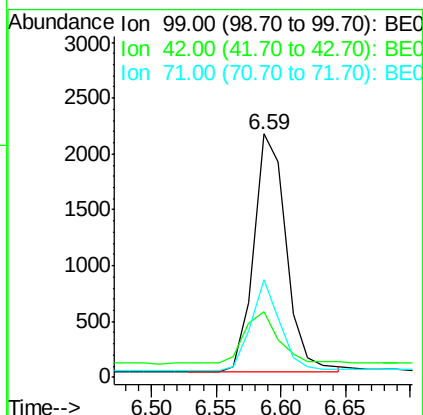
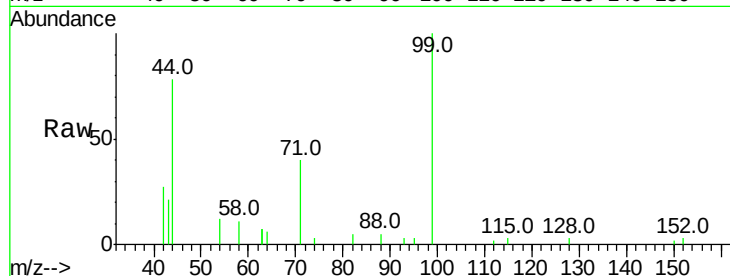
Tot Ion: 99 Resp: 3745

Ion Ratio Lower Upper

99 100

42 23.3 20.2 30.2

71 33.9 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.387 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

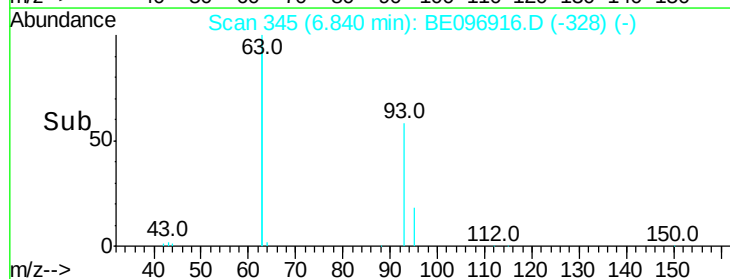
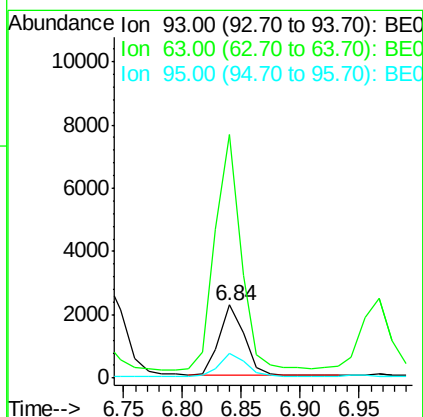
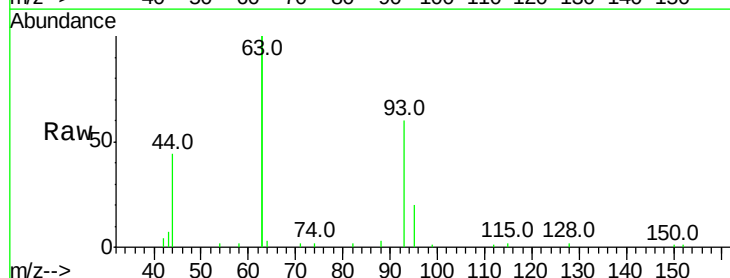
Tgt Ion: 93 Resp: 3361

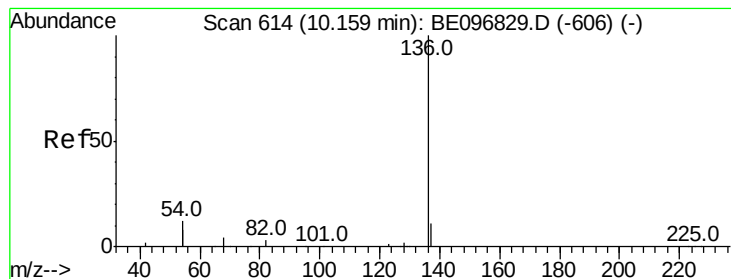
Ion Ratio Lower Upper

93 100

63 332.6 275.3 412.9

95 32.6 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. 0.01 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 12583

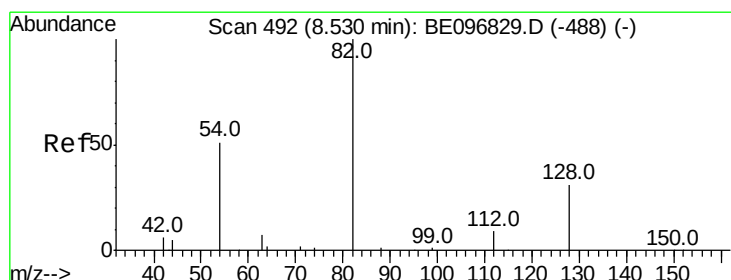
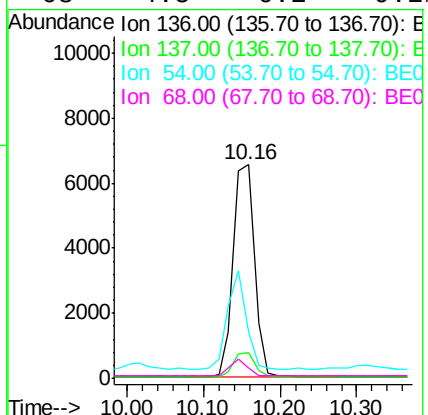
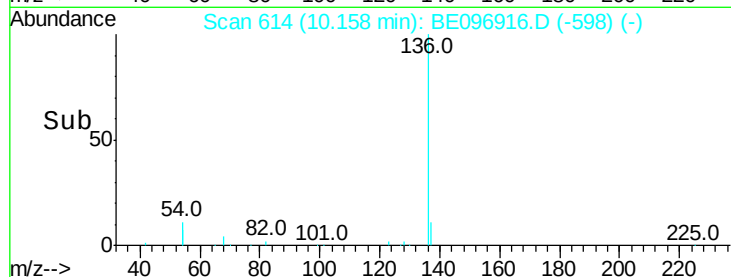
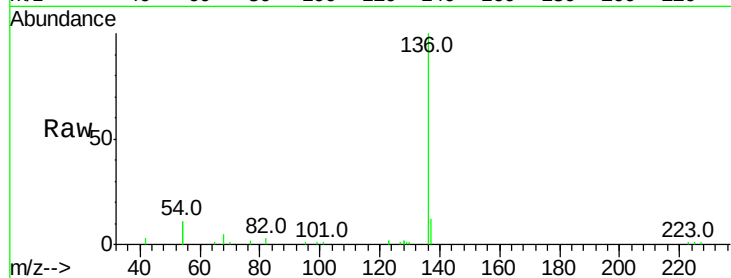
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 21.8 29.1 43.7#

68 4.5 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.484 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

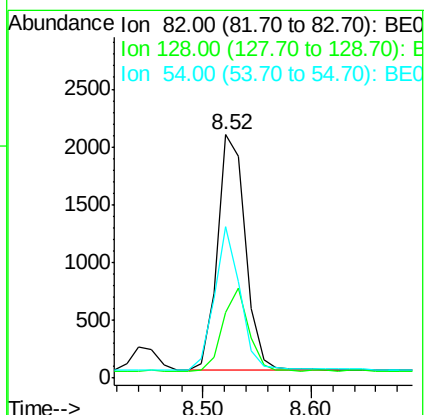
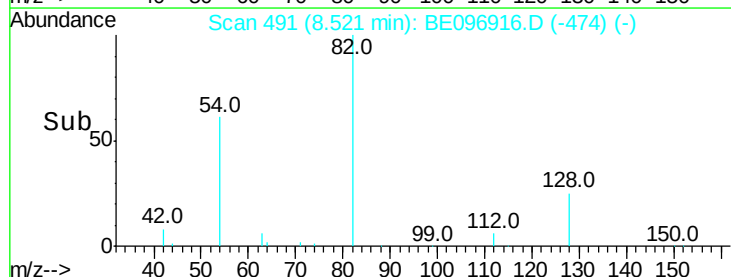
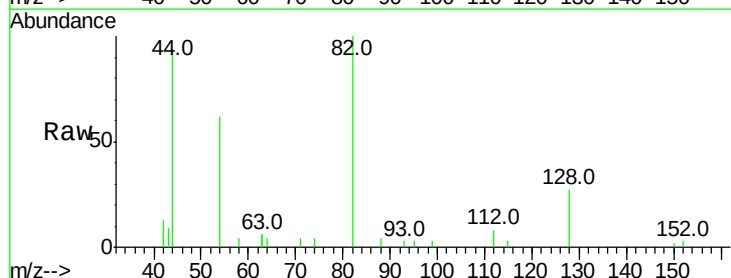
Tgt Ion: 82 Resp: 3689

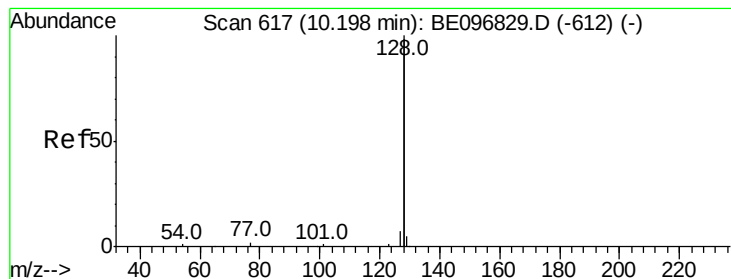
Ion Ratio Lower Upper

82 100

128 26.9 24.0 36.0

54 62.4 40.0 60.0#





#9

Naphthalene

Concen: 0.389 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

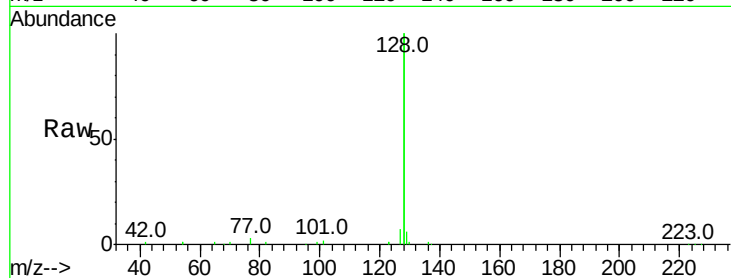
Tot Ion:128 Resp: 44443

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

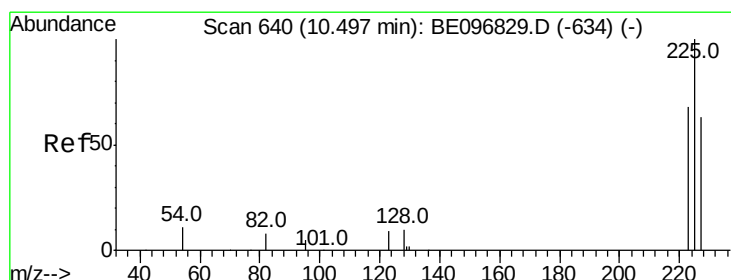
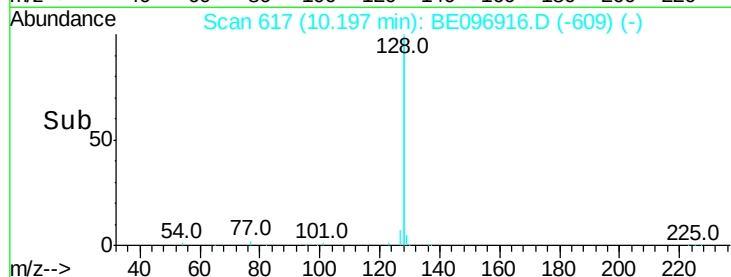
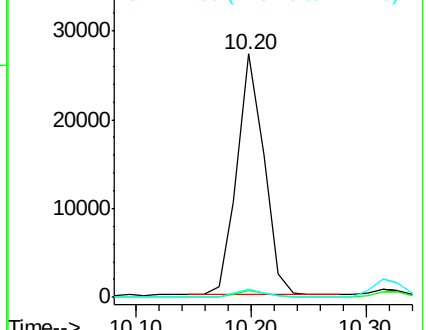
127 3.5 2.8 4.2



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: 0.387 ng

RT: 10.50 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

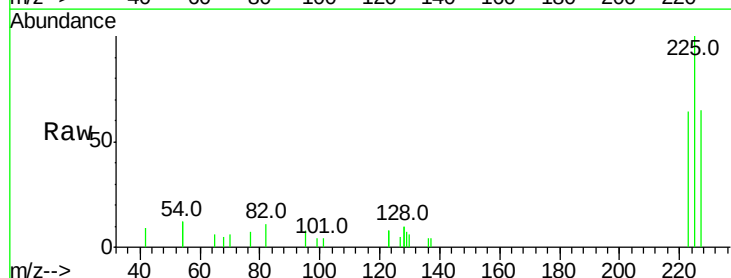
Tgt Ion:225 Resp: 1839

Ion Ratio Lower Upper

225 100

223 62.4 53.0 79.6

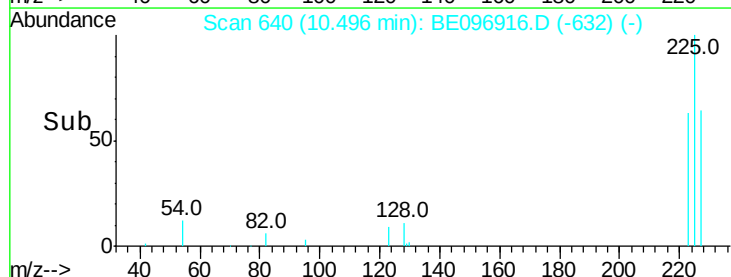
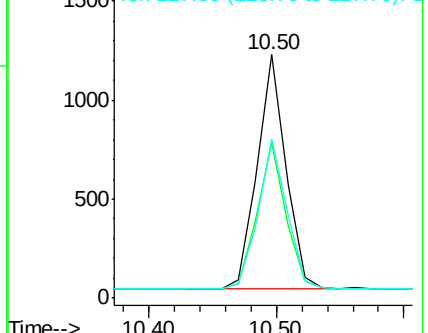
227 63.6 51.4 77.2

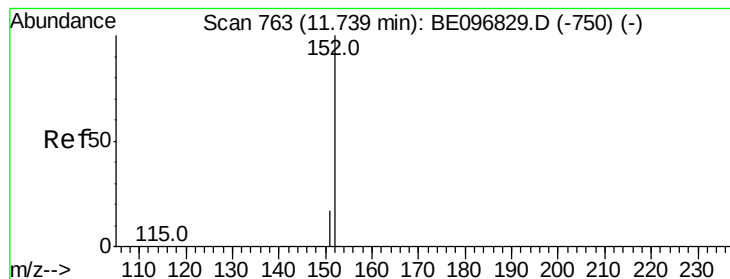


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

RT: 11.73 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Instrument :

BNA_E

ClientSampleId :

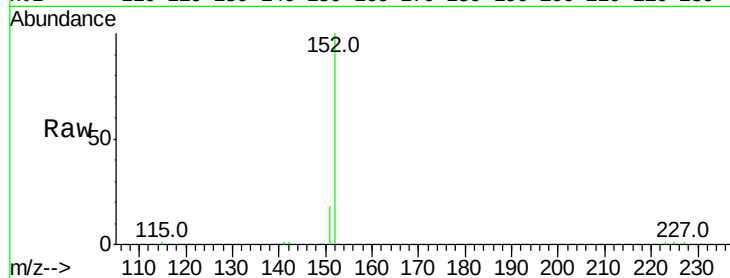
SSTDCCC0.4EC

Tot Ion:152 Resp: 7258

Ion Ratio Lower Upper

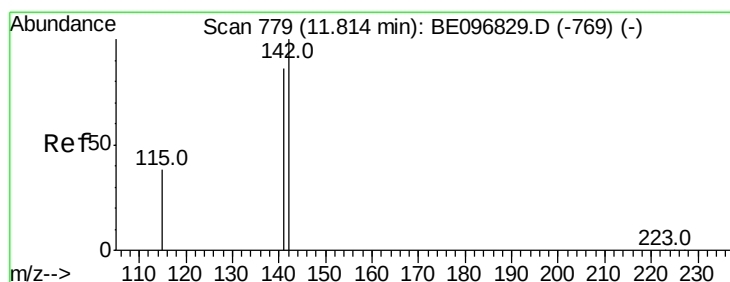
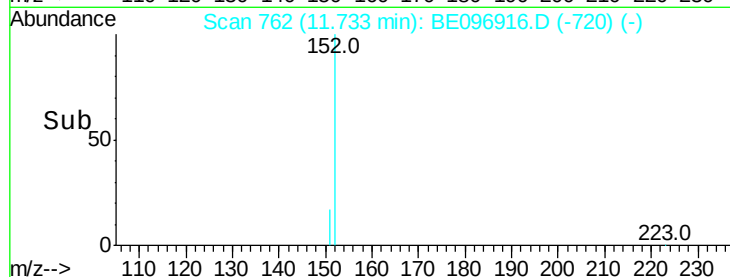
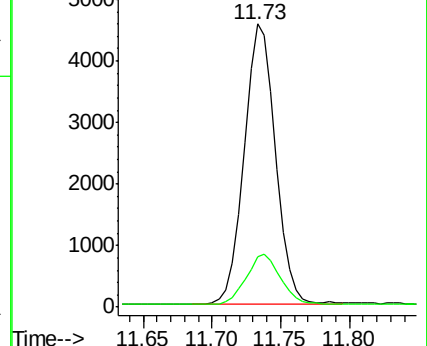
152 100

151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.396 ng

RT: 11.81 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

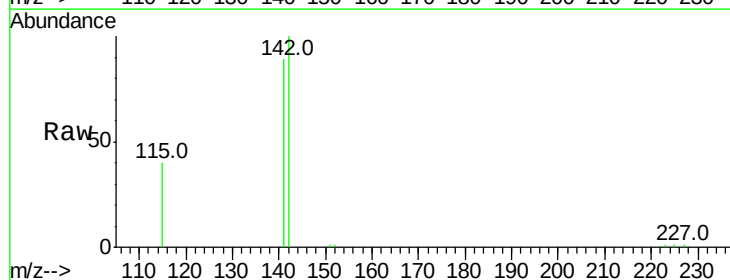
Tgt Ion:142 Resp: 7500

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6

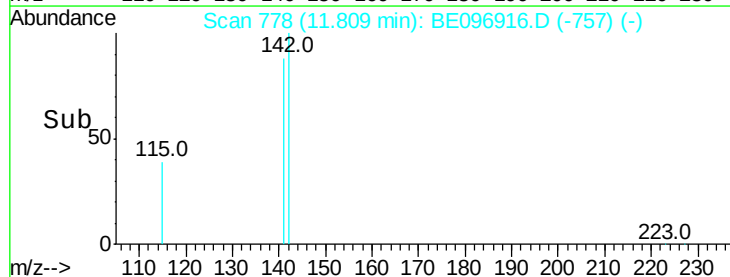
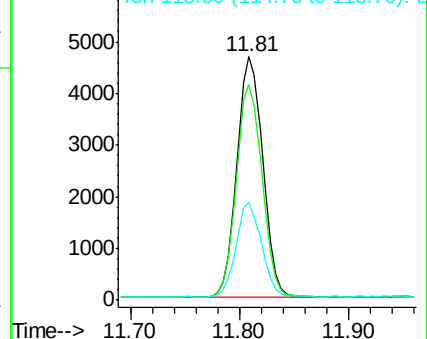
115 40.1 31.7 47.5

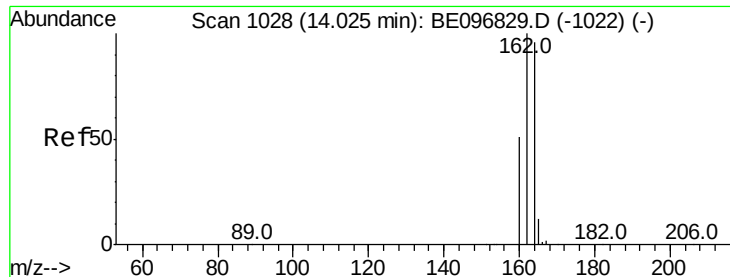


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

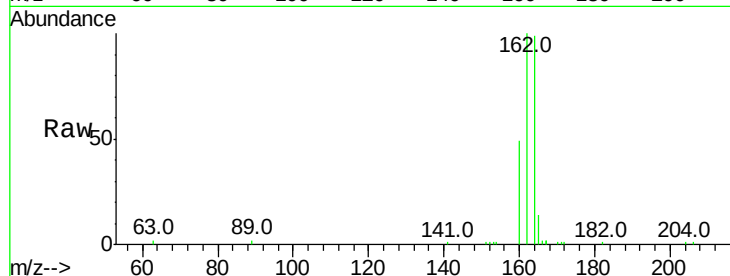
Tot Ion:164 Resp: 6775

Ion Ratio Lower Upper

164 100

162 101.5 83.1 124.7

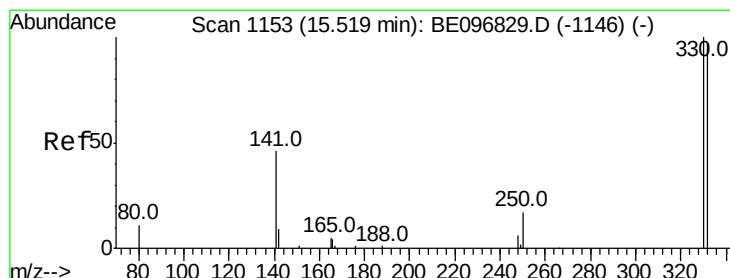
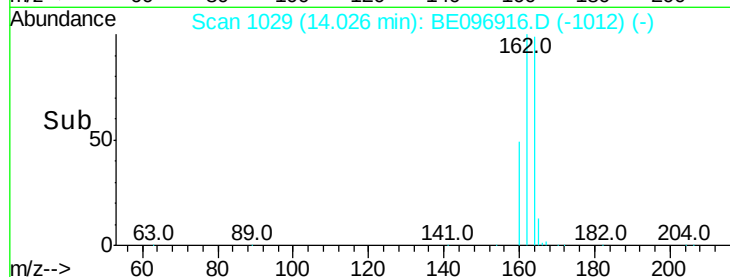
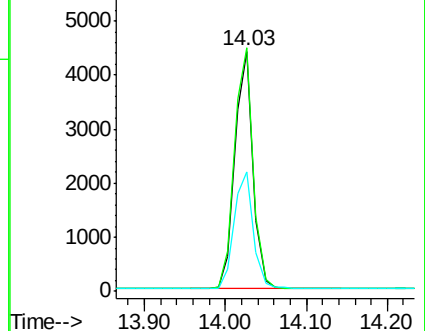
160 49.8 37.1 55.7



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: 0.438 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

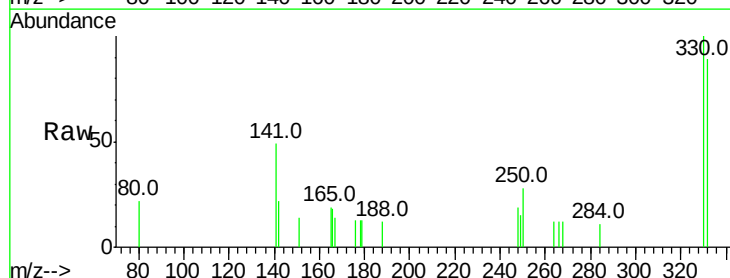
Tgt Ion:330 Resp: 649

Ion Ratio Lower Upper

330 100

332 94.0 152.7 229.1#

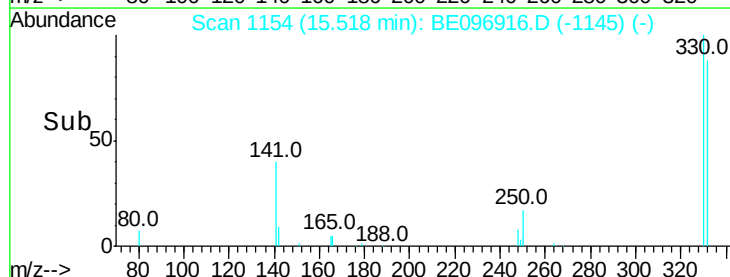
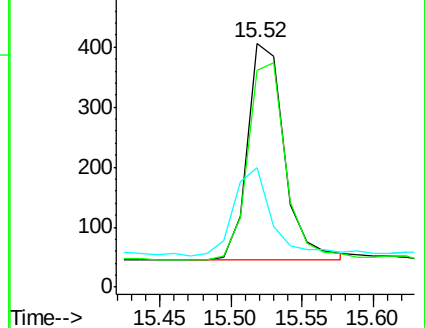
141 42.4 33.7 50.5

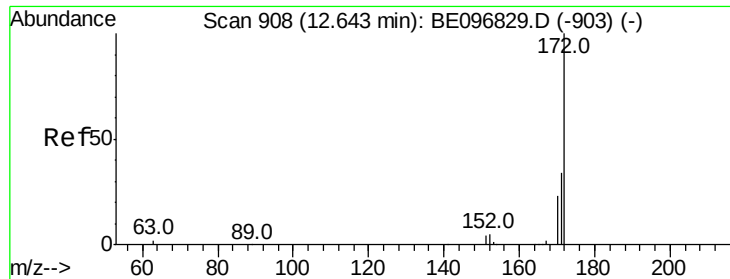


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

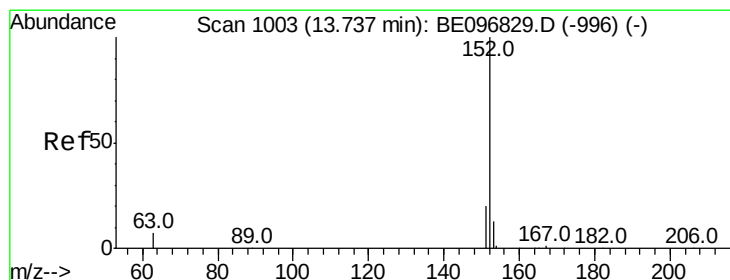
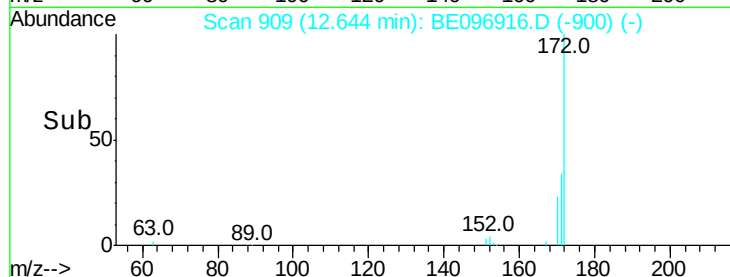
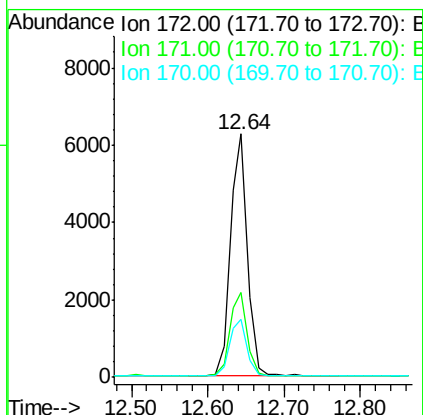
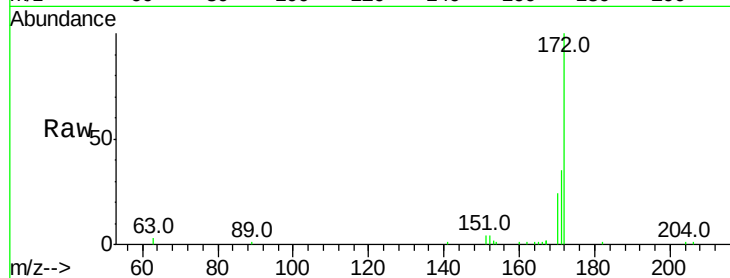




#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096916.D
Acq: 13 Jul 2018 20:58

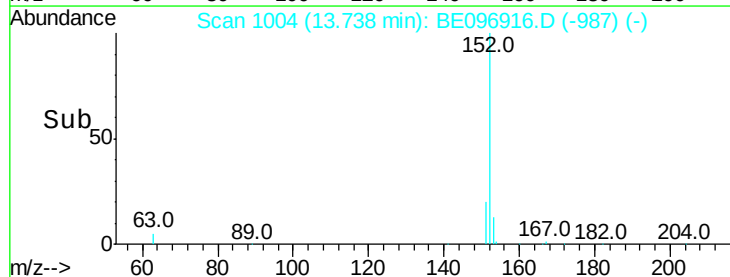
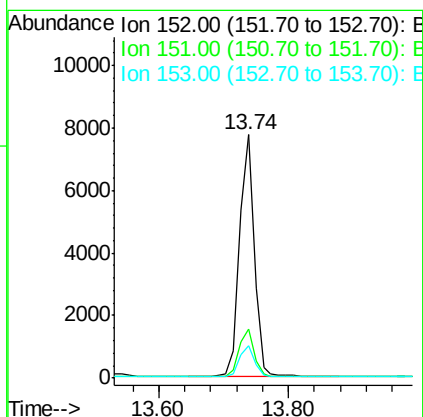
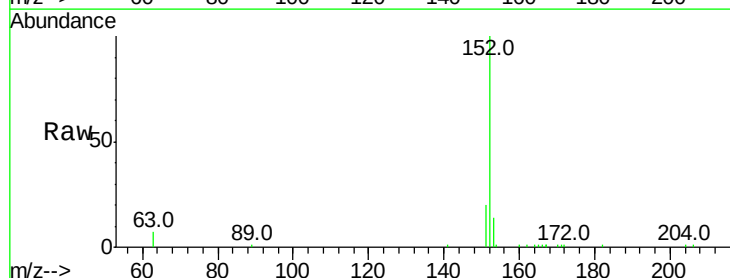
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

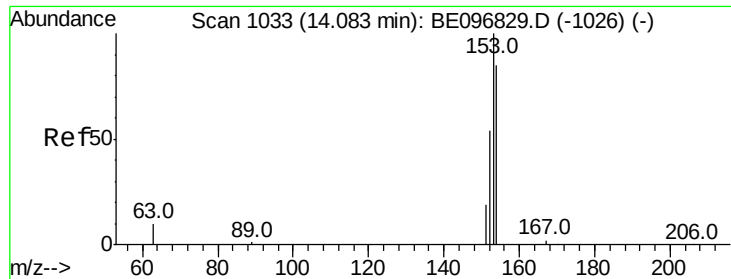
Tot Ion:172 Resp: 9764
Ion Ratio Lower Upper
172 100
171 35.0 29.9 44.9
170 24.1 21.8 32.8



#16
Acenaphthylene
Concen: 0.408 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE096916.D
Acq: 13 Jul 2018 20:58

Tgt Ion:152 Resp: 11992
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.391 ng

RT: 14.08 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

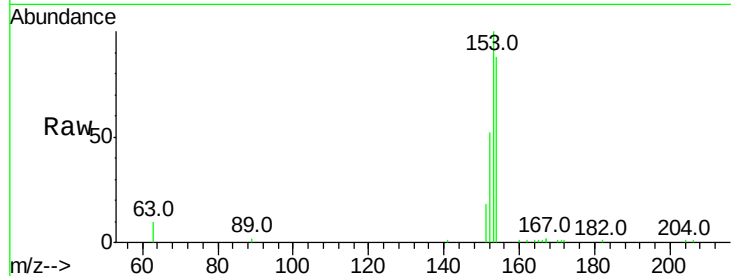
Tot Ion:154 Resp: 7592

Ion Ratio Lower Upper

154 100

153 114.4 89.2 133.8

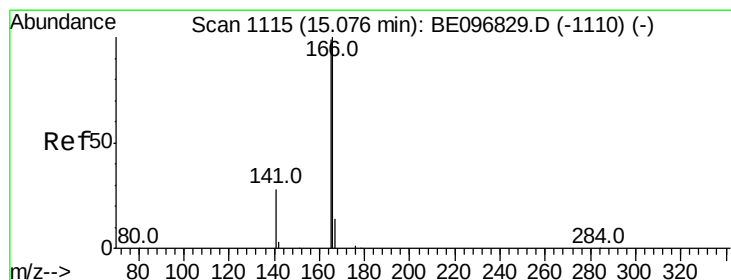
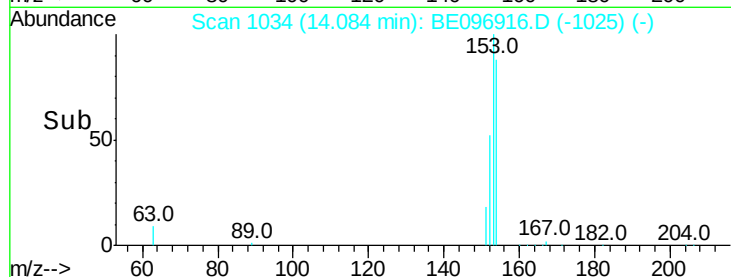
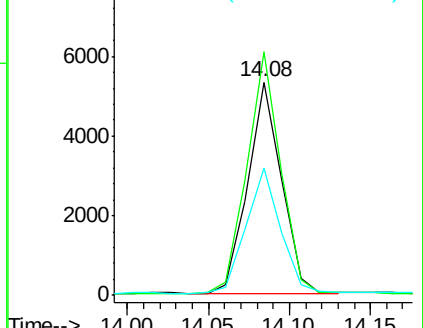
152 60.5 42.0 63.0



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: 0.374 ng

RT: 15.08 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

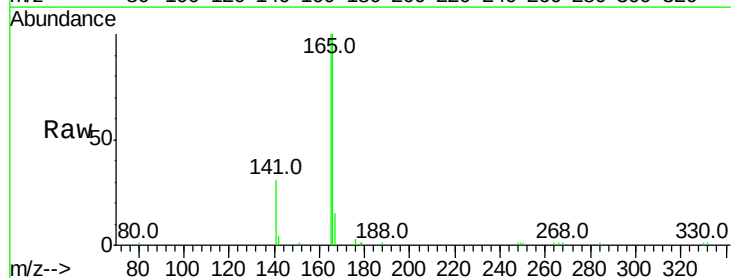
Tgt Ion:166 Resp: 8531

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.6

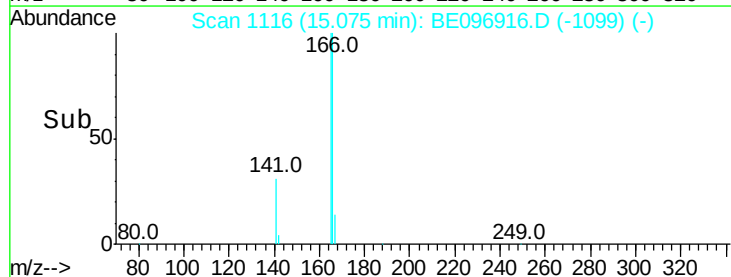
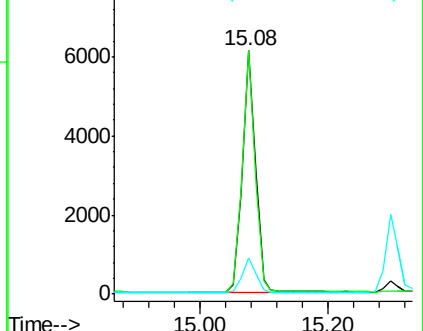
167 14.7 42.4 63.6#

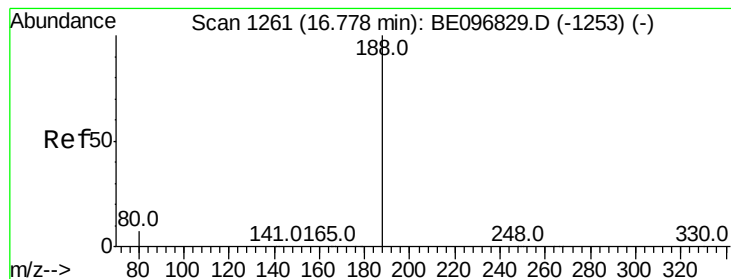


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.78 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

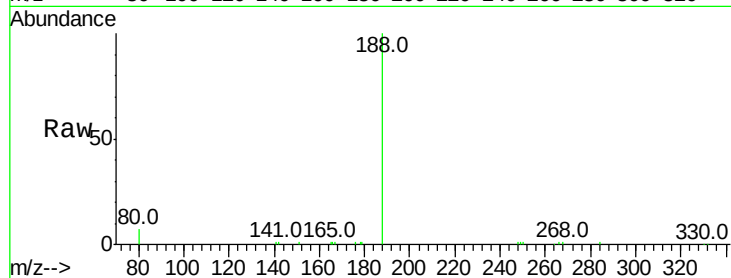
Tot Ion:188 Resp: 15668

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

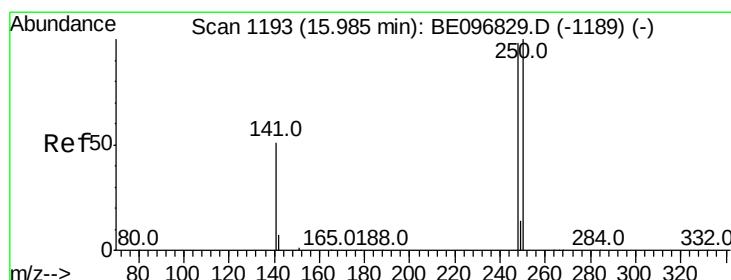
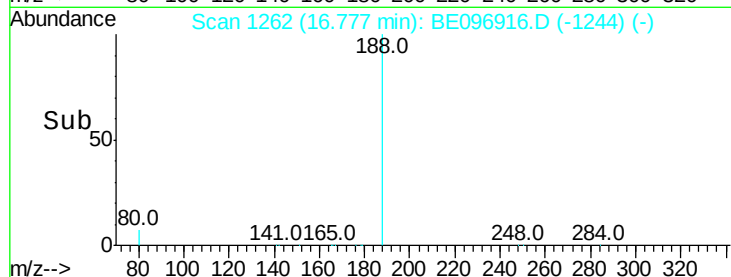
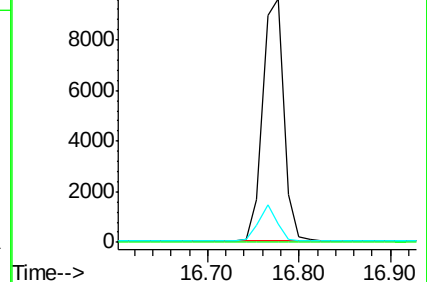
80 7.3 3.6 5.4#



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: 0.410 ng

RT: 15.98 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

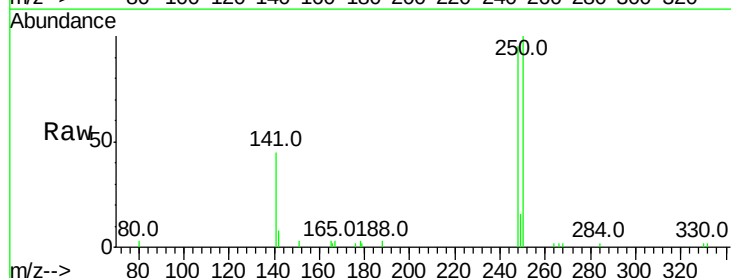
Tgt Ion:248 Resp: 2898

Ion Ratio Lower Upper

248 100

250 105.3 62.7 94.1#

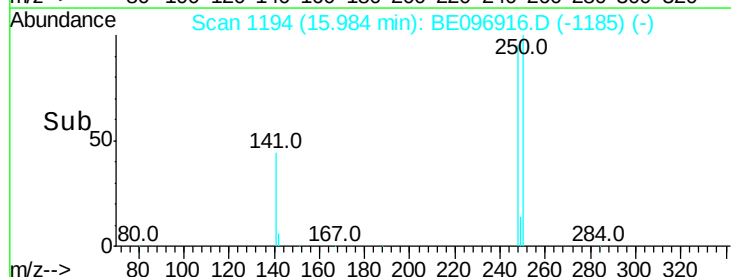
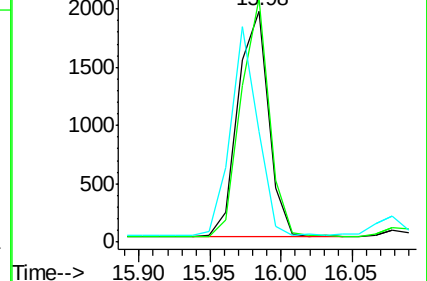
141 47.9 48.2 72.2#

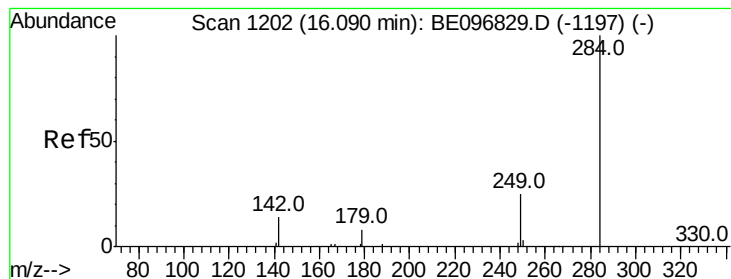


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.404 ng

RT: 16.09 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

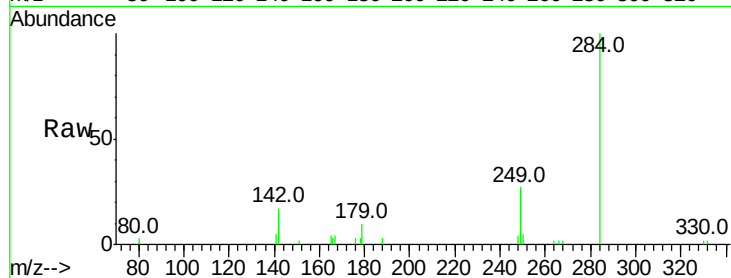
Tot Ion:284 Resp: 3250

Ion Ratio Lower Upper

284 100

142 39.0 22.1 33.1#

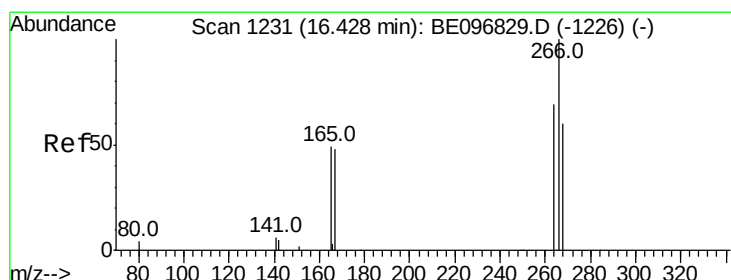
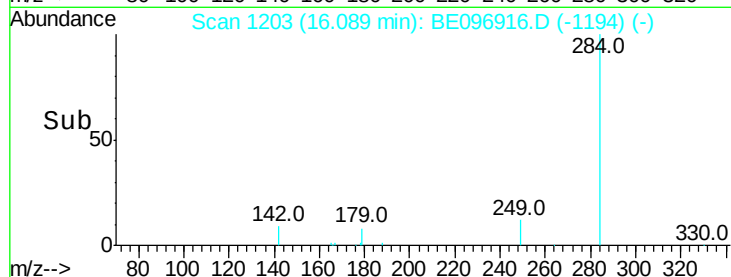
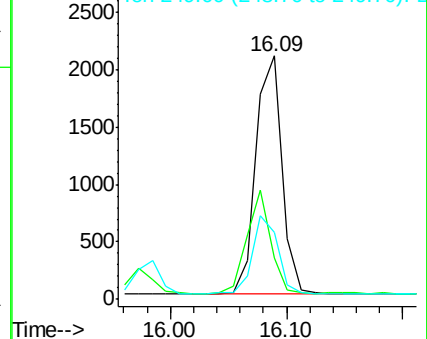
249 31.7 34.8 52.2#



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: 0.385 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

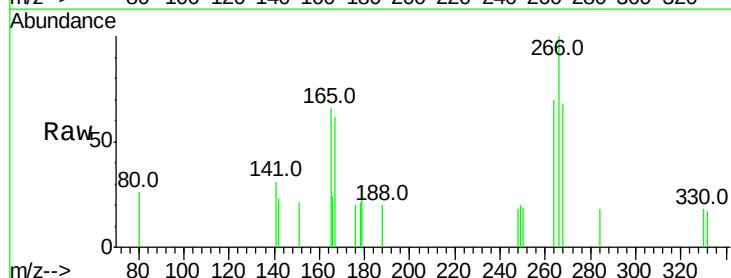
Tgt Ion:266 Resp: 456

Ion Ratio Lower Upper

266 100

264 69.7 72.5 108.7#

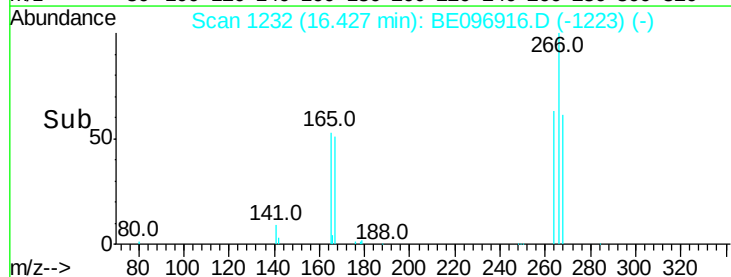
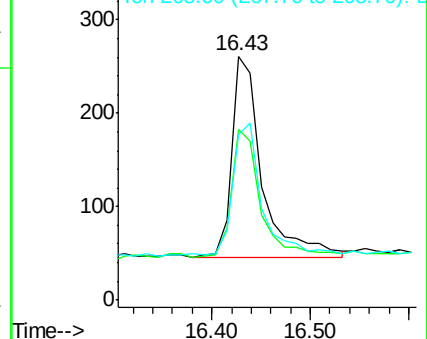
268 67.8 73.8 110.6#

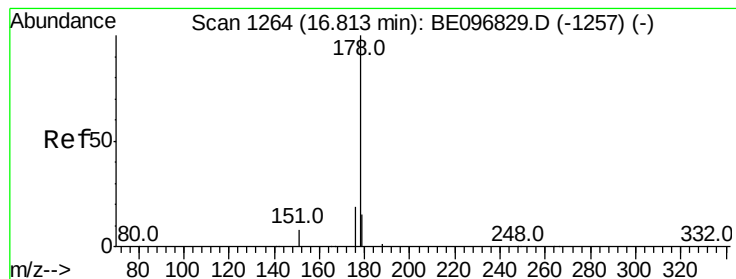


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.392 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

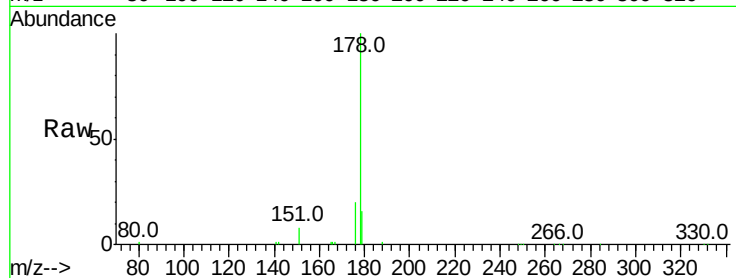
Tot Ion:178 Resp: 15093

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

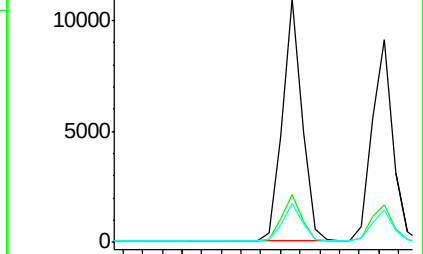
179 15.7 11.8 17.6



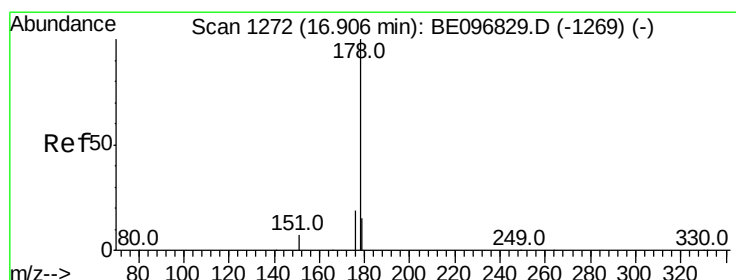
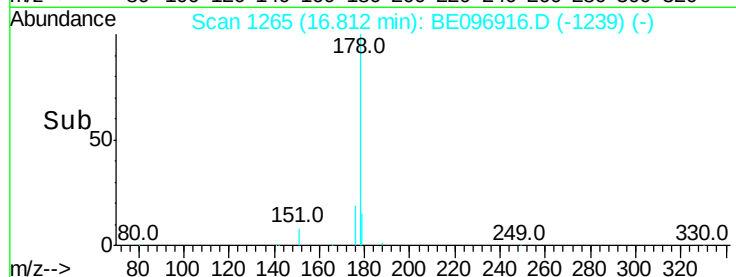
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.414 ng

RT: 16.91 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

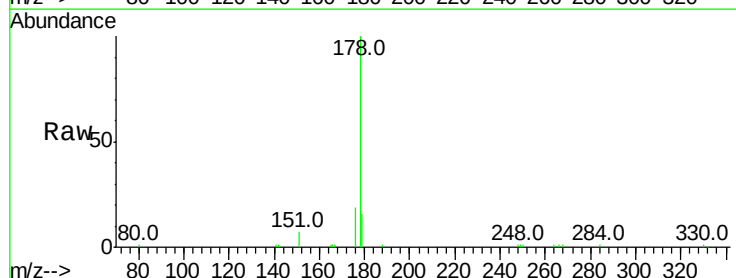
Tgt Ion:178 Resp: 13212

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

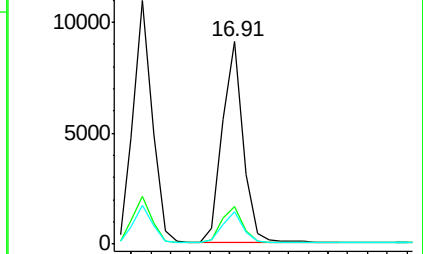
179 15.7 13.0 19.6



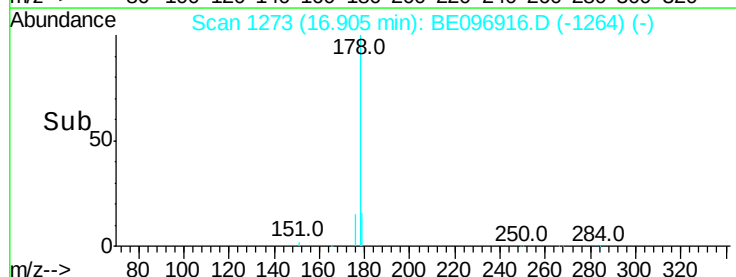
Abundance Ion 178.00 (177.70 to 178.70): E

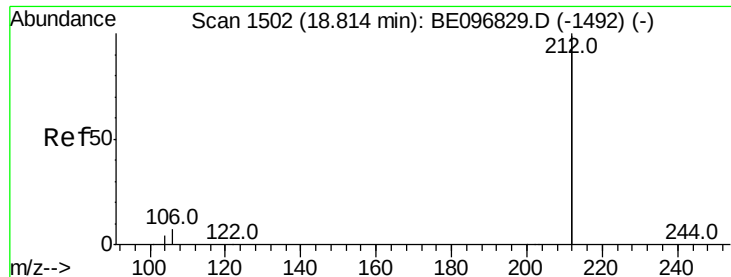
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.408 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

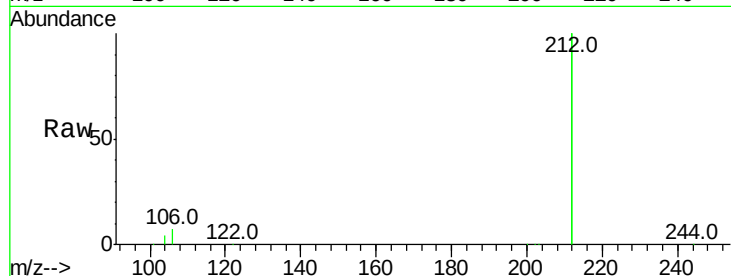
Tot Ion:212 Resp: 56214

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

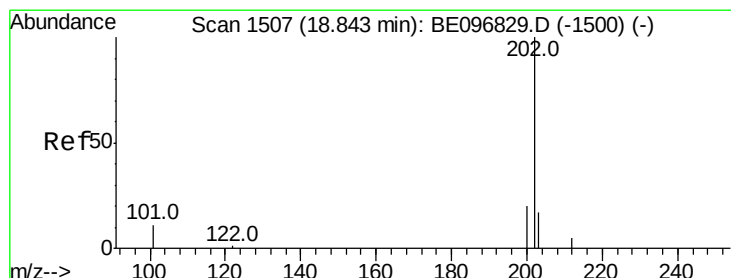
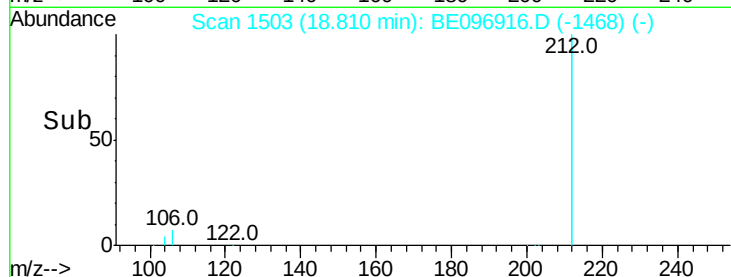
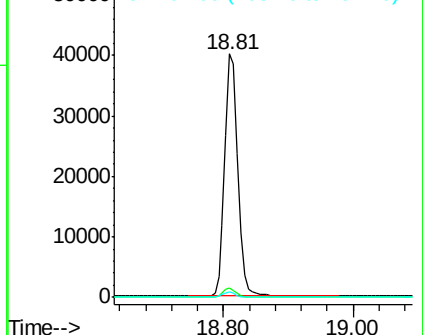
104 1.9 1.6 2.4



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: 0.416 ng

RT: 18.84 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

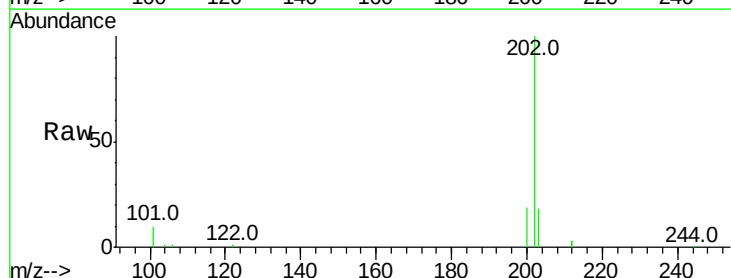
Tgt Ion:202 Resp: 16192

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

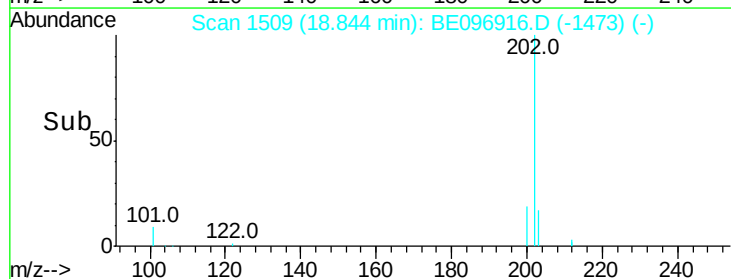
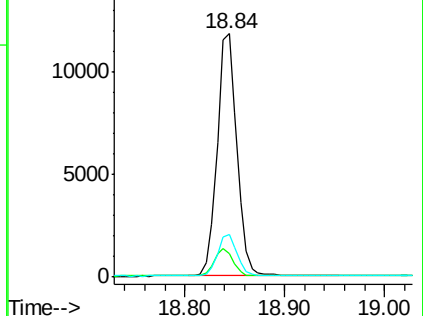
203 17.1 13.7 20.5

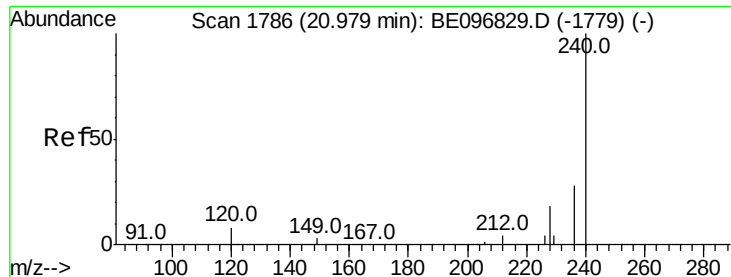


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.98 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

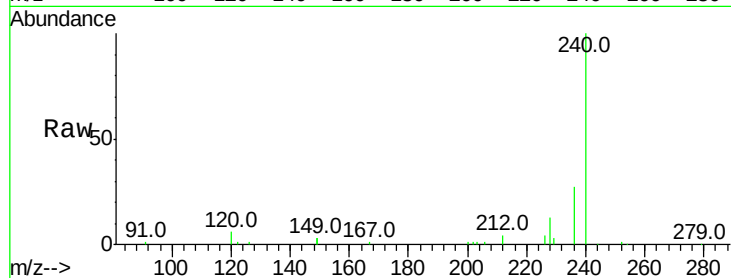
Tot Ion:240 Resp: 14511

Ion Ratio Lower Upper

240 100

120 6.2 5.5 8.3

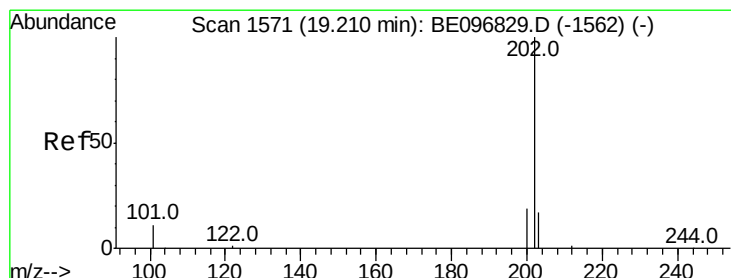
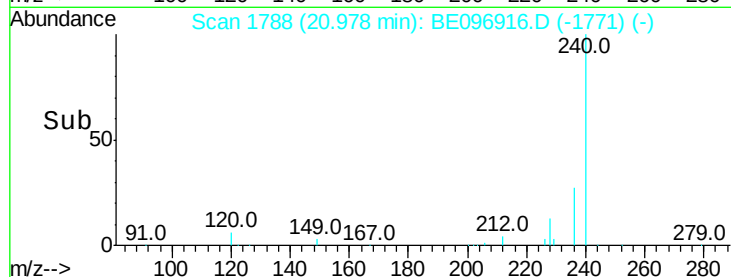
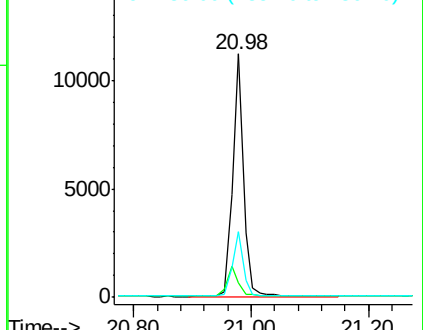
236 27.1 20.7 31.1



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: 0.393 ng

RT: 19.21 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

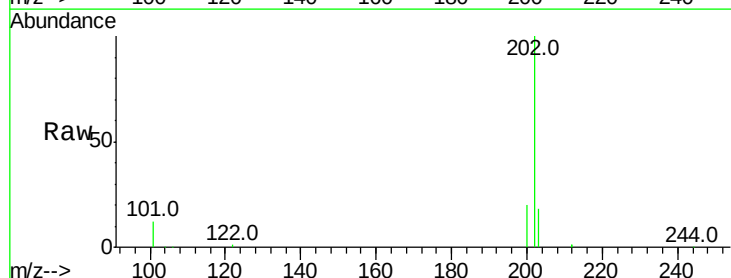
Tgt Ion:202 Resp: 16494

Ion Ratio Lower Upper

202 100

200 19.3 16.6 25.0

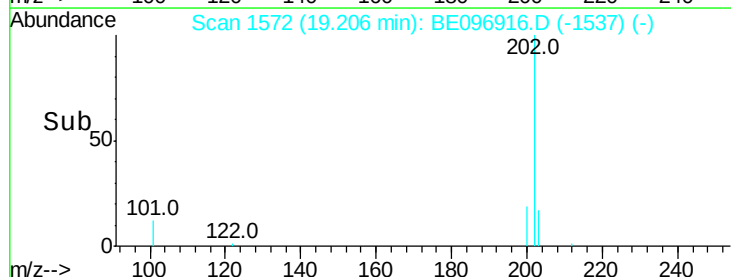
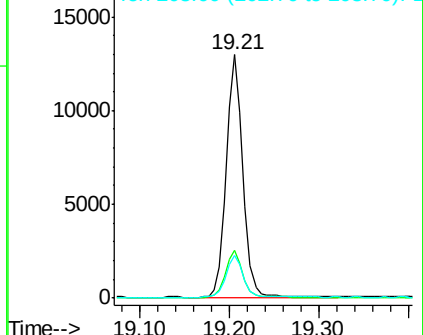
203 17.4 13.8 20.8

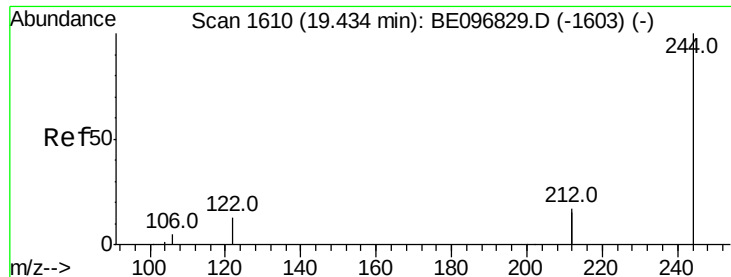


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.378 ng

RT: 19.43 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

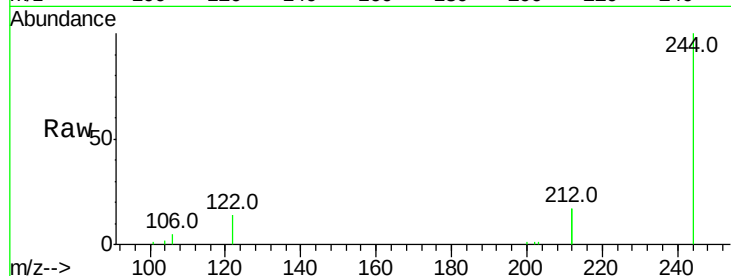
Tot Ion:244 Resp: 10590

Ion Ratio Lower Upper

244 100

212 34.2 25.4 38.0

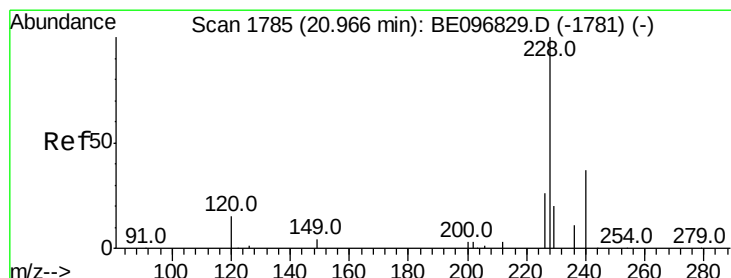
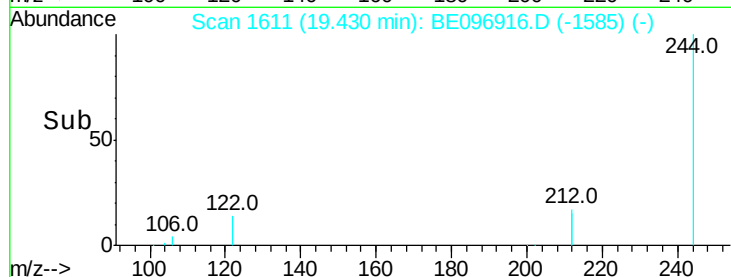
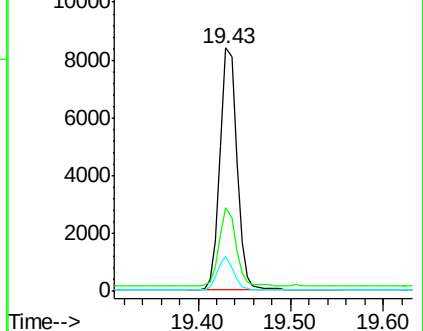
122 14.3 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.423 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

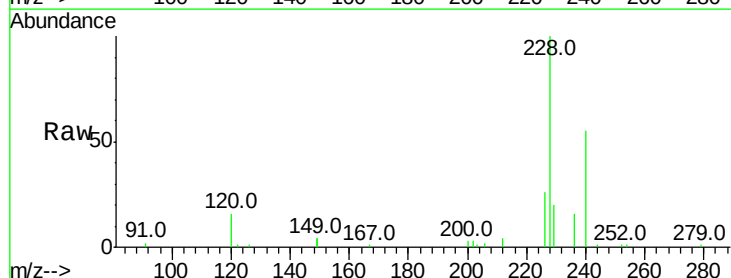
Tgt Ion:228 Resp: 13591

Ion Ratio Lower Upper

228 100

226 26.1 24.0 36.0

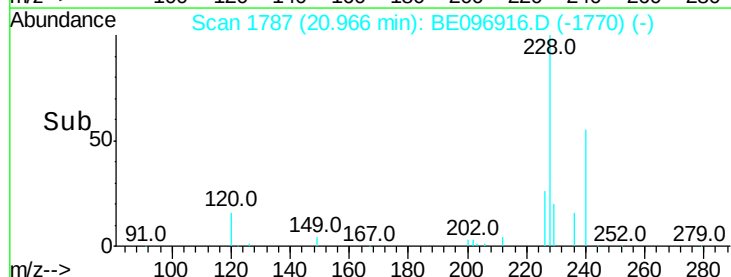
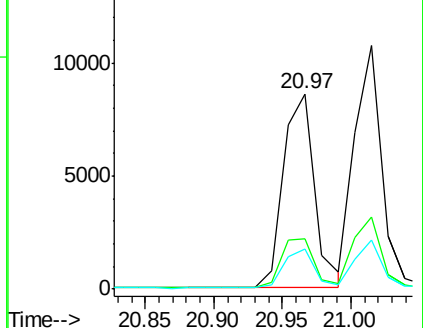
229 20.5 16.0 24.0

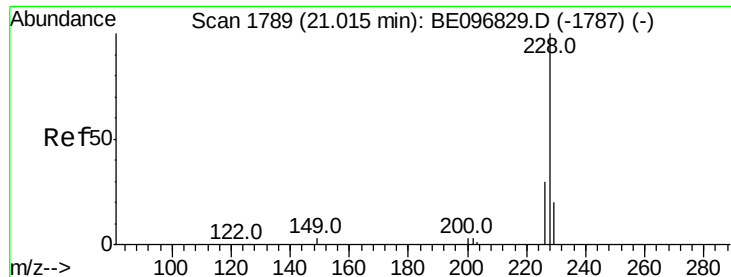


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.373 ng

RT: 21.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Instrument :

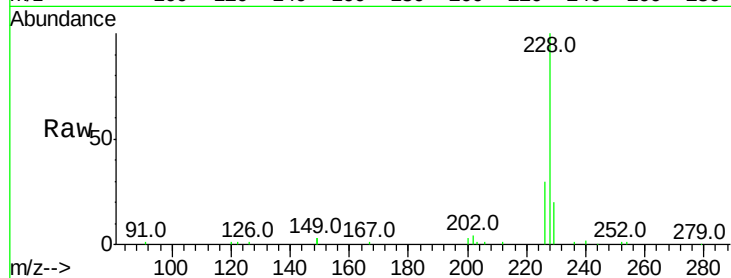
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 14813

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	20.3	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

15000

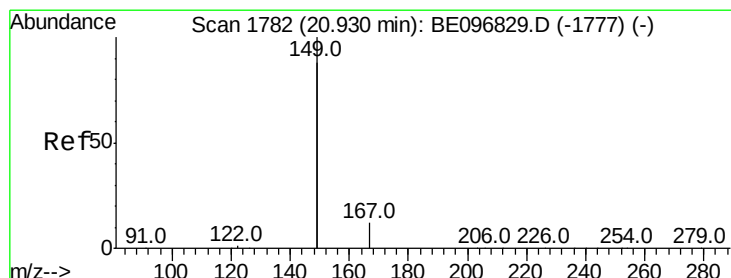
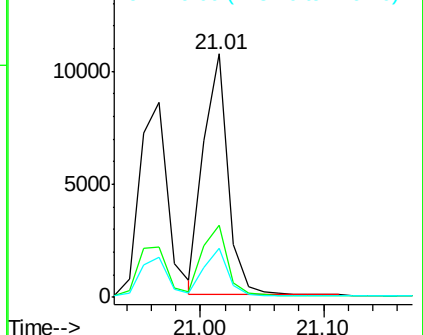
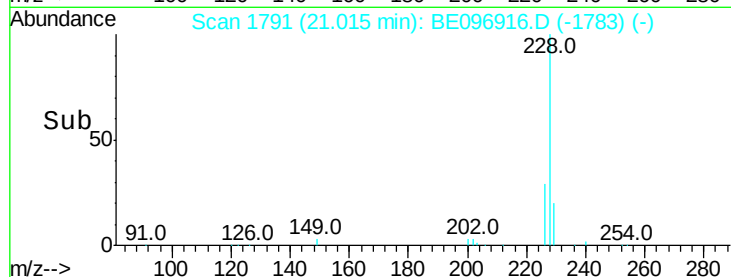
10000

5000

0

21.01

Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.594 ng

RT: 20.93 min Scan# 1784

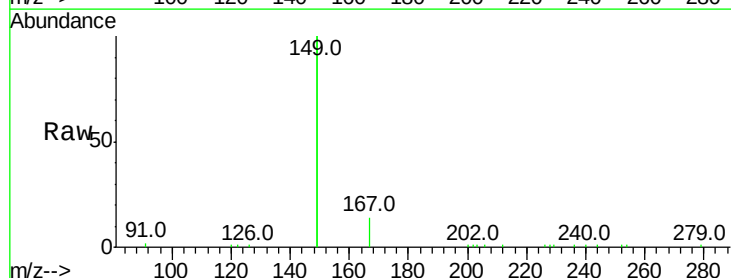
Delta R.T. 0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Tgt Ion:149 Resp: 17094

Ion	Ratio	Lower	Upper
149	100		
167	6.6	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

20000

15000

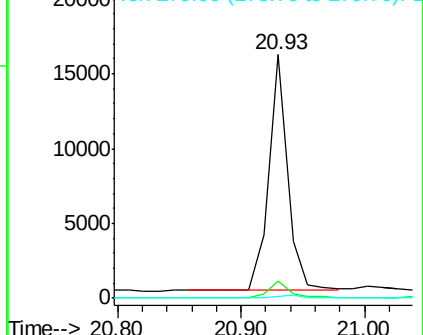
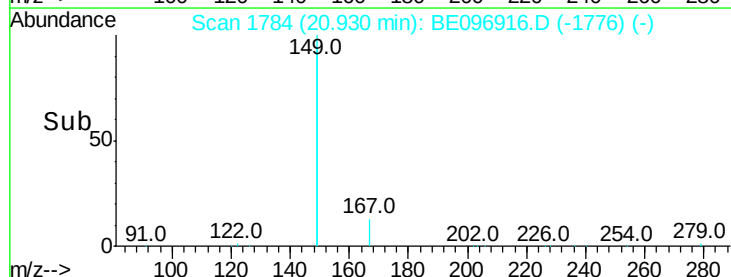
10000

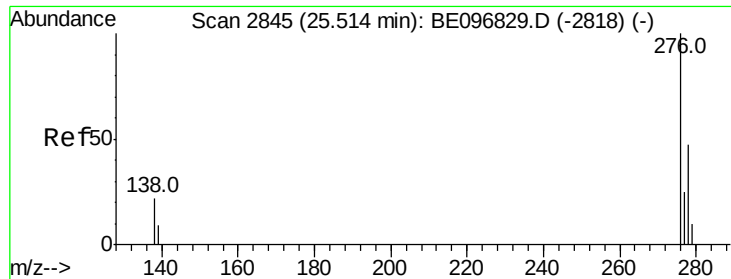
5000

0

20.93

Time-->

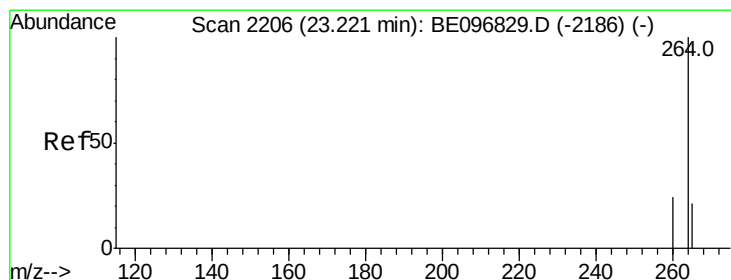
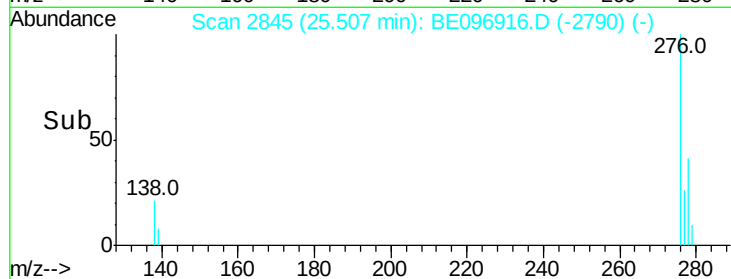
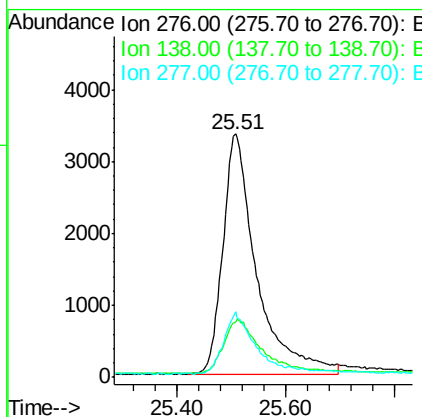
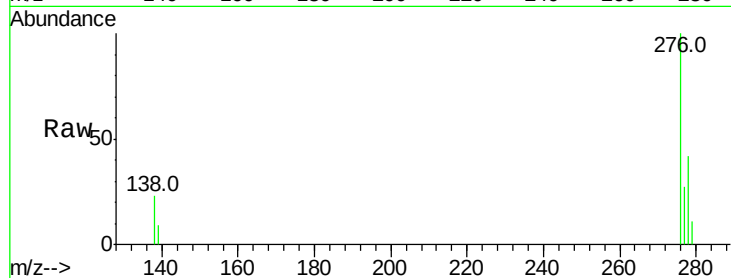




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.487 ng
 RT: 25.51 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BE096916.D
 Acq: 13 Jul 2018 20:58

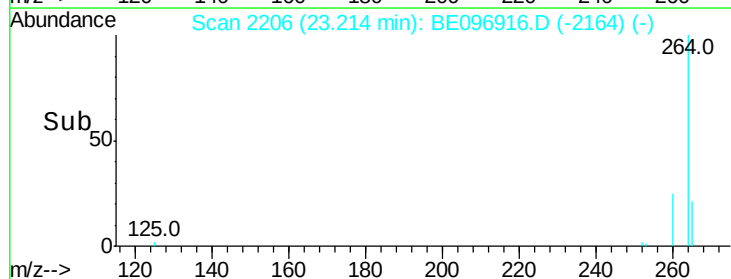
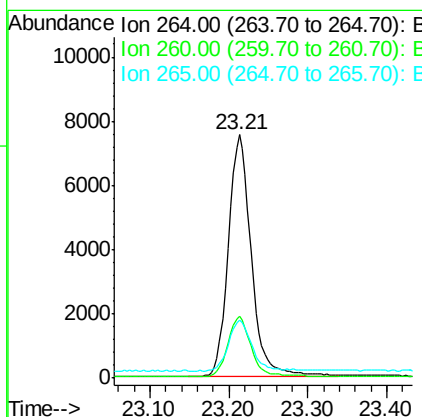
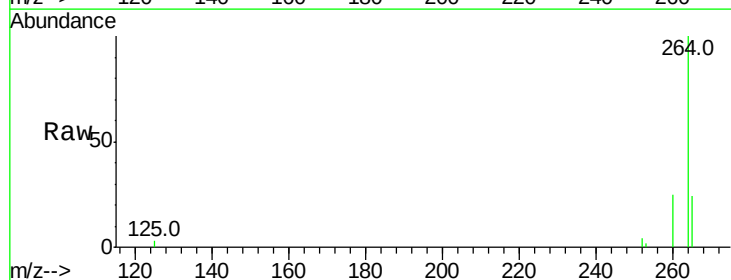
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

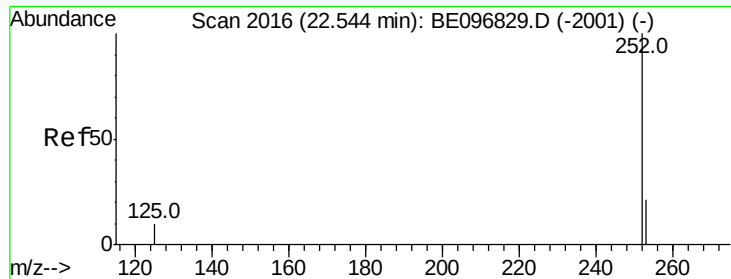
Tot Ion:276 Resp: 14380
 Ion Ratio Lower Upper
 276 100
 138 25.5 22.5 33.7
 277 22.9 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE096916.D
 Acq: 13 Jul 2018 20:58

Tgt Ion:264 Resp: 15244
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.5 30.7
 265 24.1 22.8 34.2

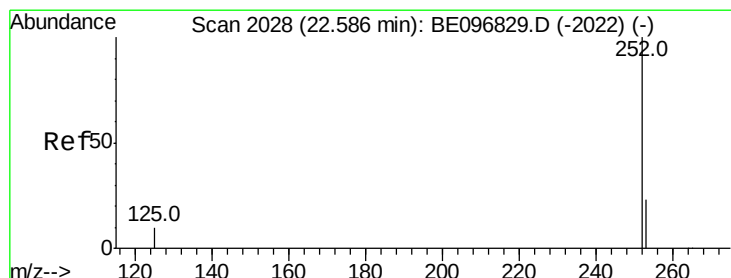
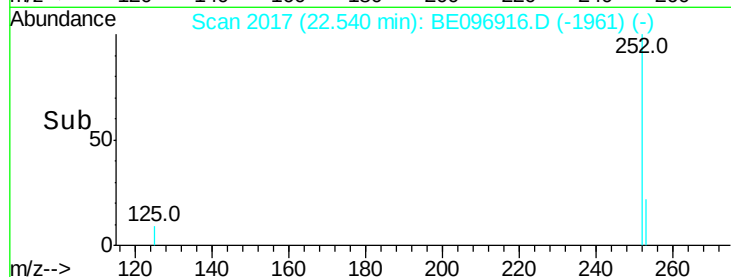
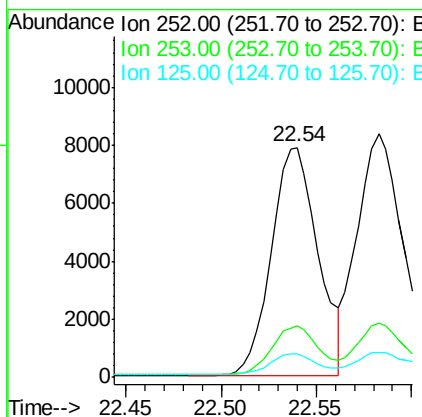
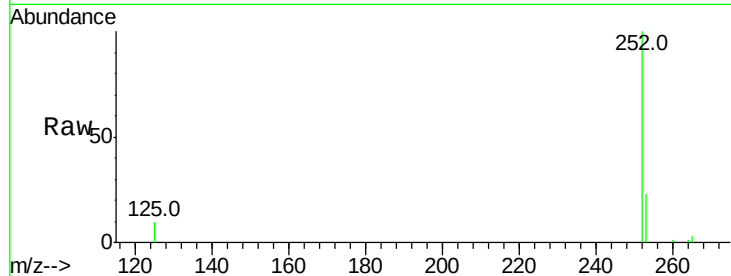




#35
Benzo(b)fluoranthene
Concen: 0.322 ng
RT: 22.54 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BE096916.D
Acq: 13 Jul 2018 20:58

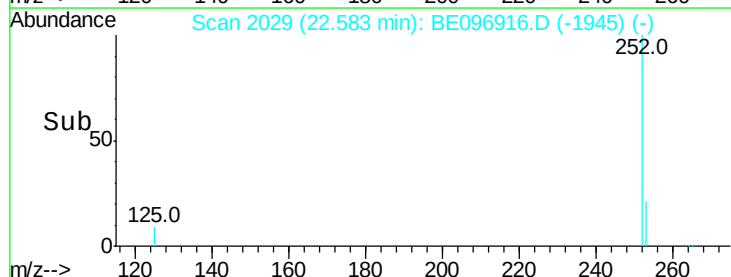
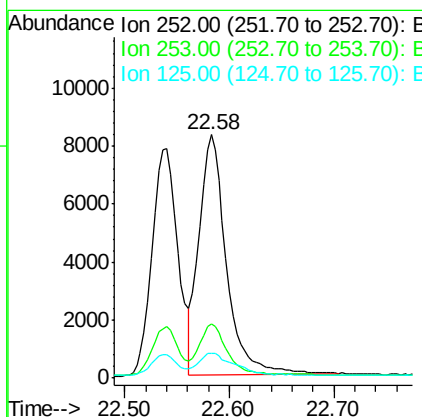
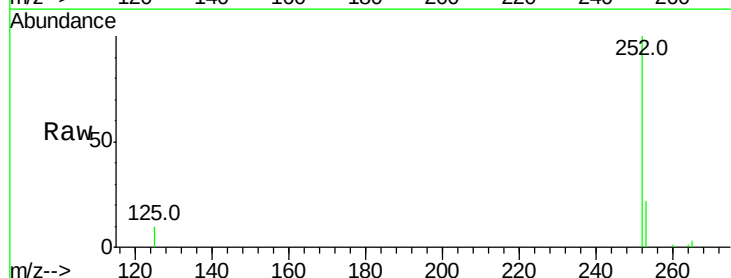
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

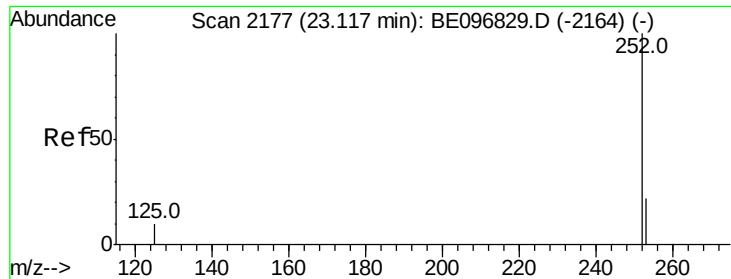
Tot Ion:252 Resp: 13392
Ion Ratio Lower Upper
252 100
253 22.6 20.0 30.0
125 10.3 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.342 ng
RT: 22.58 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BE096916.D
Acq: 13 Jul 2018 20:58

Tgt Ion:252 Resp: 15082
Ion Ratio Lower Upper
252 100
253 22.3 16.0 24.0
125 10.0 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.372 ng

RT: 23.11 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

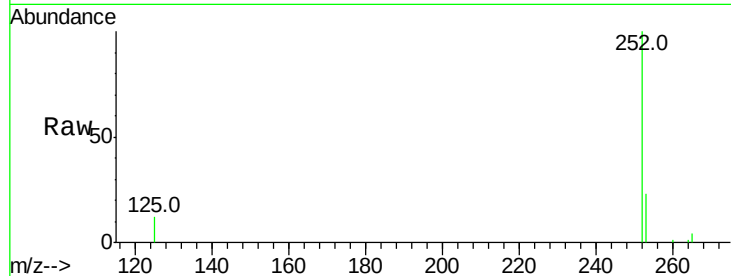
Tot Ion:252 Resp: 12290

Ion Ratio Lower Upper

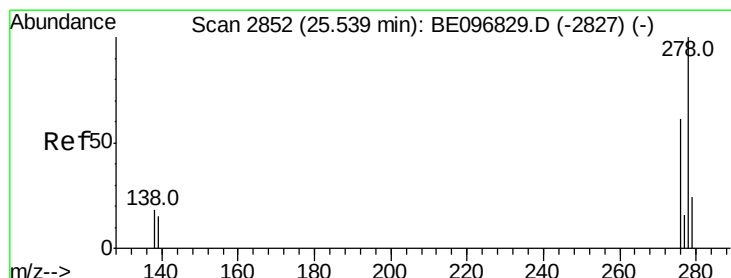
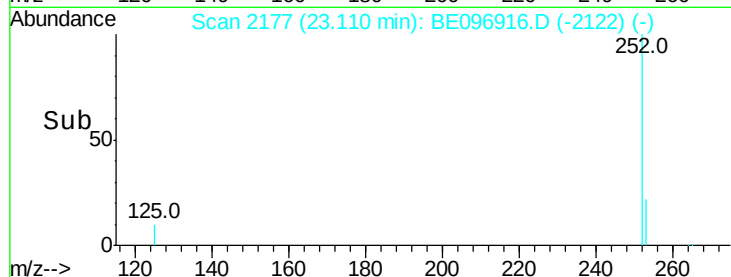
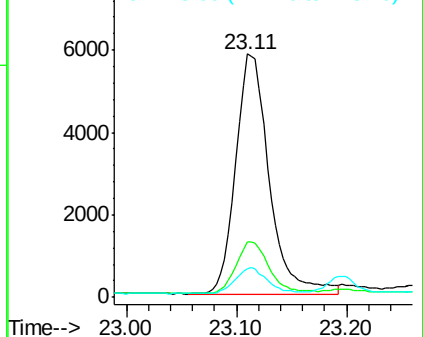
252 100

253 22.7 16.0 24.0

125 11.5 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.379 ng

RT: 25.53 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

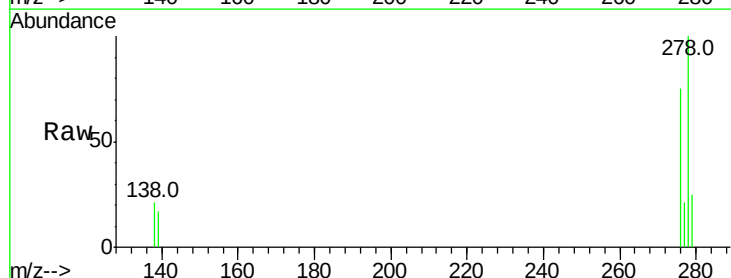
Tgt Ion:278 Resp: 12021

Ion Ratio Lower Upper

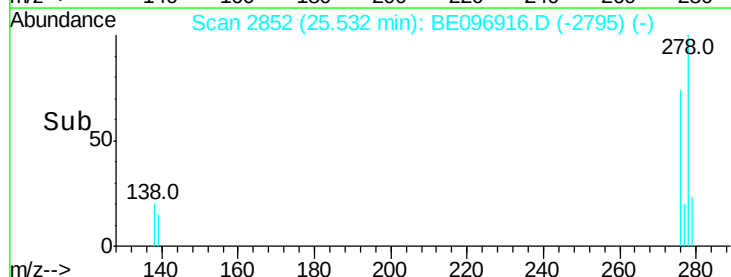
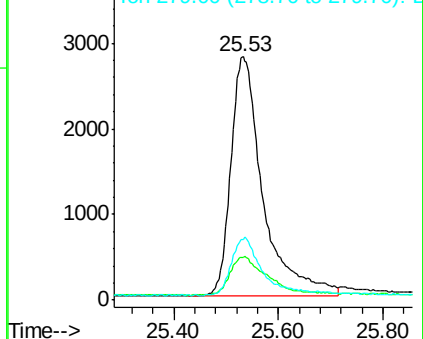
278 100

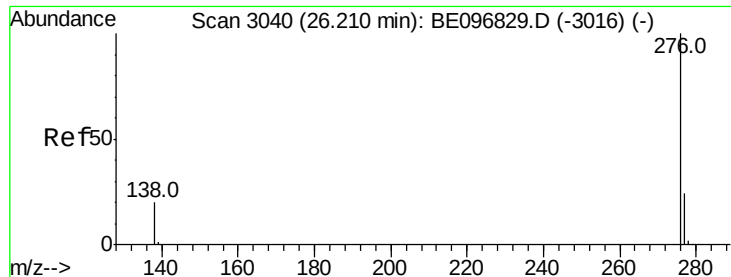
139 17.3 16.0 24.0

279 25.0 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(a,h,i)perylene

Concen: 0.338 ng

RT: 26.21 min Scan# 3042

Delta R.T. 0.00 min

Lab File: BE096916.D

Acq: 13 Jul 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

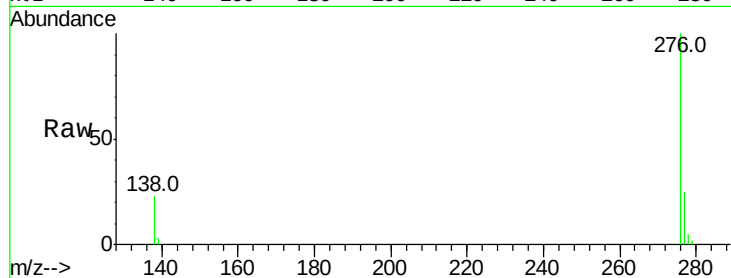
Tot Ion:276 Resp: 12476

Ion Ratio Lower Upper

276 100

277 24.7 16.0 24.0#

138 22.6 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

