

Data File : BE096937.D
Acq On : 16 Jul 2018 13:37
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Jul 16 17:59:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 16:27:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2193	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	11920	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	6308	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	14805	0.40	ng	0.00
27) Chrysene-d12	20.98	240	11921	0.40	ng	0.00
34) Perylene-d12	23.21	264	9854	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1847	0.35	ng	0.00
5) Phenol-d6	6.60	99	2926	0.37	ng	0.00
8) Nitrobenzene-d5	8.53	82	3227	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	6578	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	523	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	9173	0.39	ng	0.00
25) Fluoranthene-d10	18.81	212	47413	0.37	ng	0.00
29) Terphenyl-d14	19.43	244	8748	0.38	ng	0.00

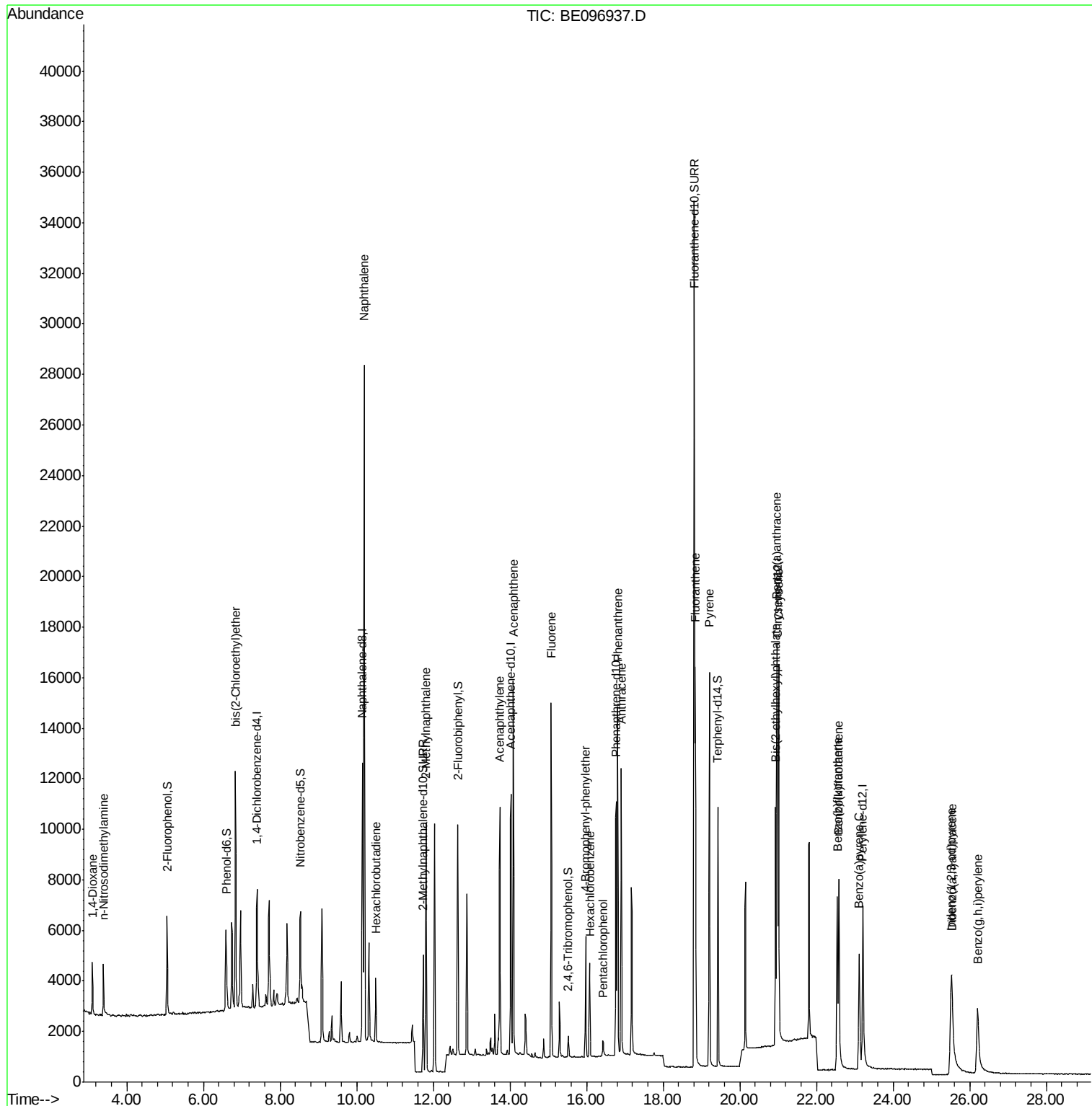
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	1211	0.386	ng	# 87
3) n-Nitrosodimethylamine	3.38	42	1328	0.376	ng	93
6) bis(2-Chloroethyl)ether	6.84	93	3030	0.386	ng	96
9) Naphthalene	10.20	128	40615	0.381	ng	100
10) Hexachlorobutadiene	10.50	225	1641	0.380	ng	97
12) 2-Methylnaphthalene	11.81	142	6906	0.382	ng	100
16) Acenaphthylene	13.74	152	11062	0.384	ng	100
17) Acenaphthene	14.08	154	6855	0.383	ng	# 92
18) Fluorene	15.08	166	7608	0.378	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	2643	0.377	ng	# 79
21) Hexachlorobenzene	16.09	284	2997	0.385	ng	# 80
22) Pentachlorophenol	16.44	266	450	0.374	ng	# 75
23) Phenanthrene	16.81	178	13537	0.382	ng	99
24) Anthracene	16.90	178	11503	0.373	ng	95
26) Fluoranthene	18.84	202	13986	0.374	ng	99
28) Pyrene	19.21	202	13573	0.386	ng	98
30) Benzo(a)anthracene	20.97	228	10367	0.365	ng	96
31) Chrysene	21.01	228	12393	0.389	ng	98
32) Bis(2-ethylhexyl)phthalate	20.93	149	9835	0.347	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	8248	0.338	ng	# 79
35) Benzo(b)fluoranthene	22.54	252	9349	0.372	ng	# 88
36) Benzo(k)fluoranthene	22.58	252	11444	0.383	ng	95
37) Benzo(a)pyrene	23.12	252	8124	0.361	ng	95
38) Dibenzo(a,h)anthracene	25.53	278	6475	0.329	ng	97
39) Benzo(g,h,i)perylene	26.21	276	7390	0.334	ng	# 93

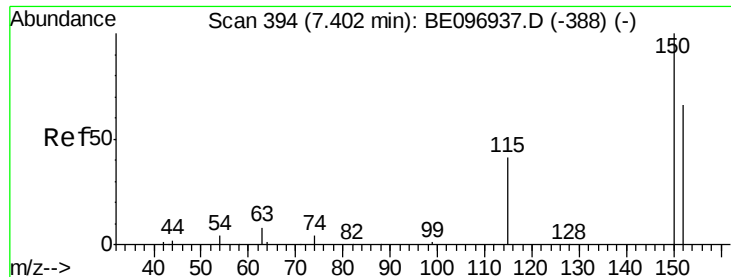
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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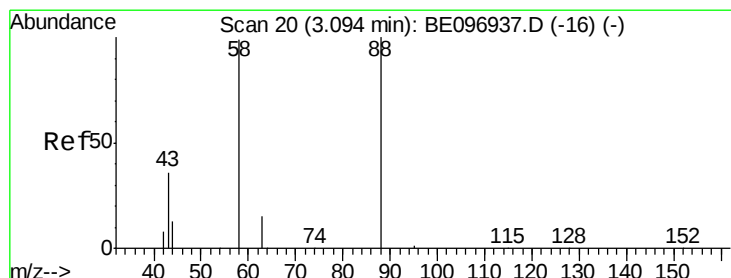
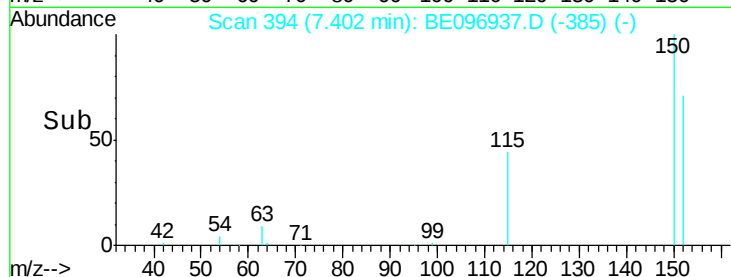
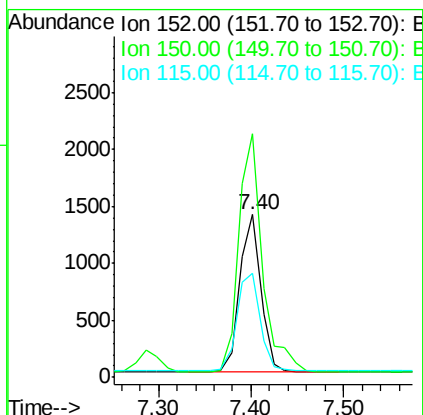
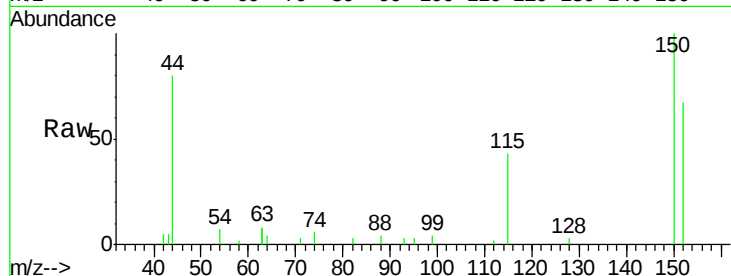


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096937.D
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Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

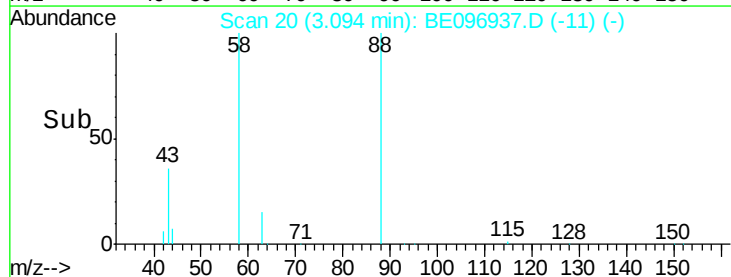
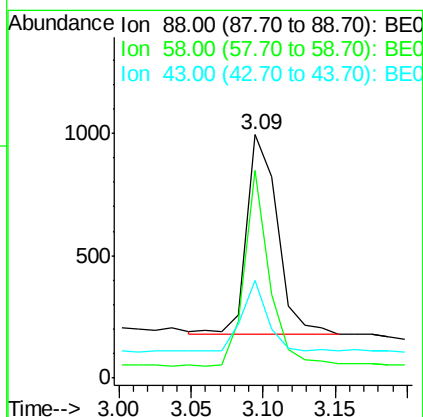
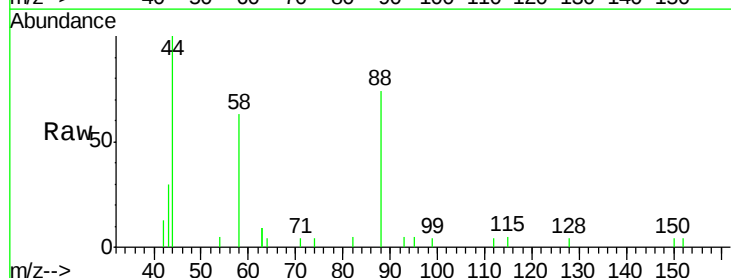
Tgt Ion:152 Resp: 2193
Ion Ratio Lower Upper
152 100
150 149.6 117.2 175.8
115 63.8 57.0 85.6

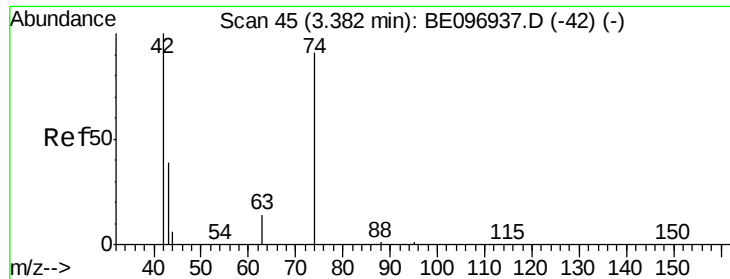


#2

1,4-Dioxane
Concen: 0.386 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion: 88 Resp: 1211
Ion Ratio Lower Upper
88 100
58 80.0 63.2 94.8
43 29.6 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 0.376 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

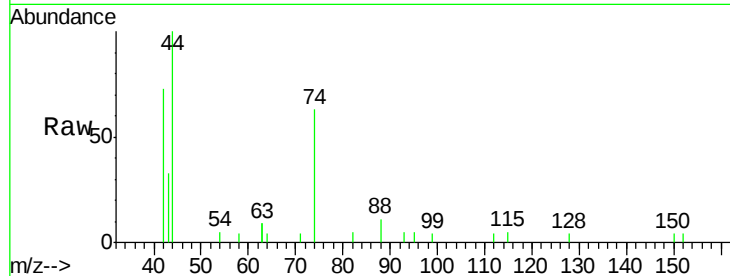
Tgt Ion: 42 Resp: 1328

Ion Ratio Lower Upper

42 100

74 111.1 96.0 144.0

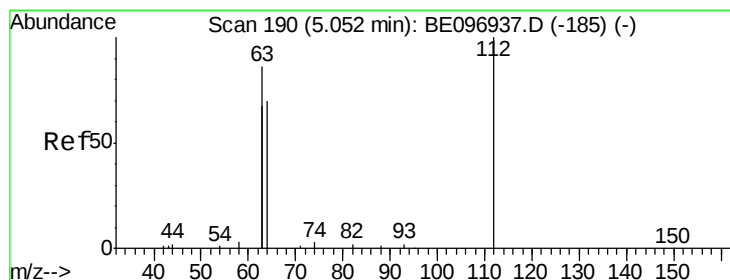
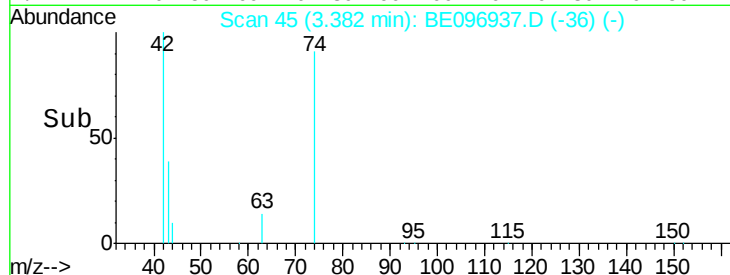
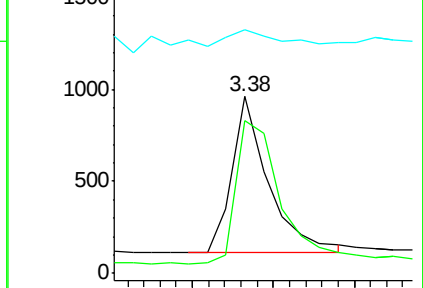
44 16.3 12.0 18.0



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: 0.352 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

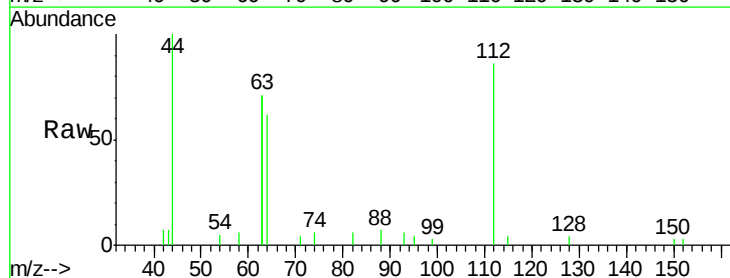
Tgt Ion: 112 Resp: 1847

Ion Ratio Lower Upper

112 100

64 68.3 60.1 90.1

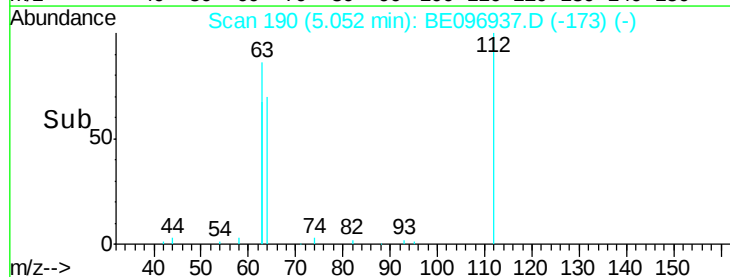
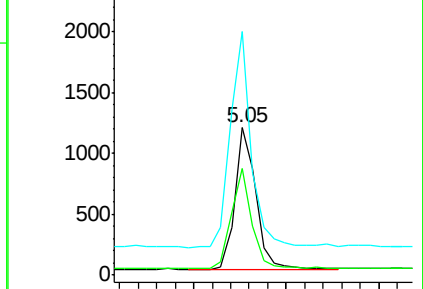
63 150.8 116.8 175.2

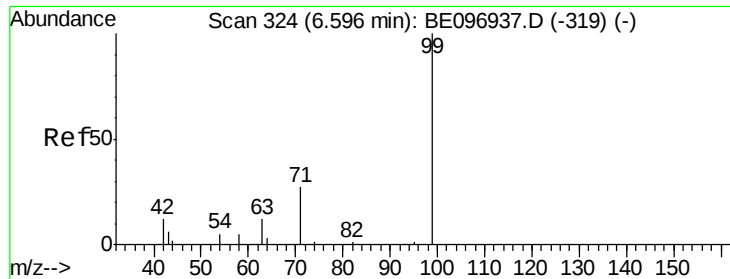


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.365 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

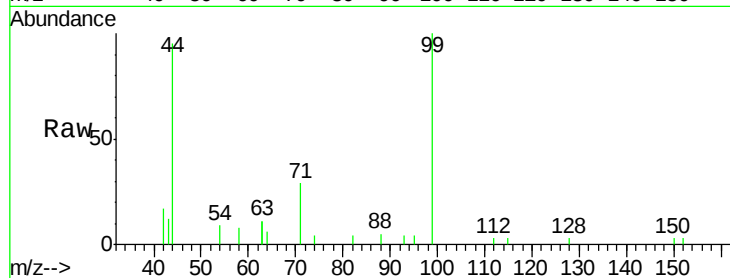
Tgt Ion: 99 Resp: 2926

Ion Ratio Lower Upper

99 100

42 22.8 20.2 30.2

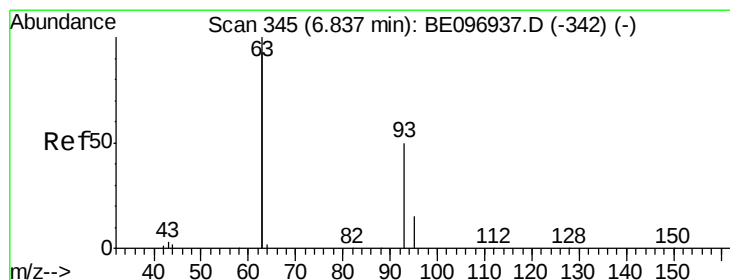
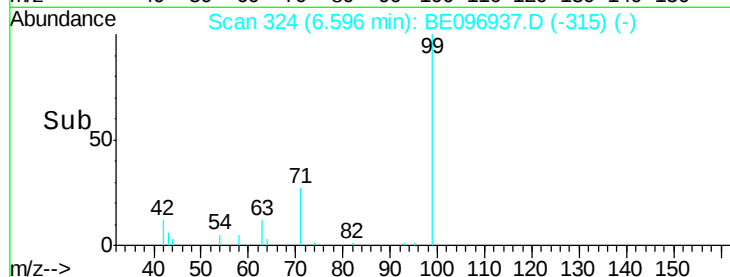
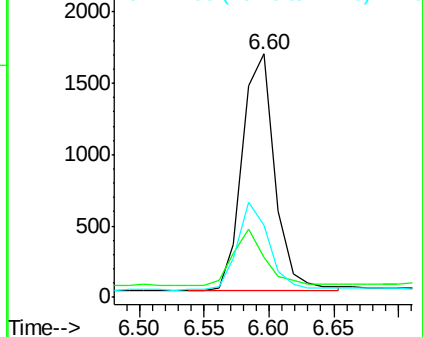
71 36.1 28.4 42.6



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: 0.386 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

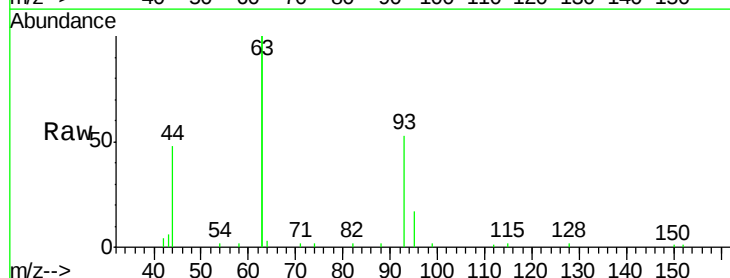
Tgt Ion: 93 Resp: 3030

Ion Ratio Lower Upper

93 100

63 334.7 275.3 412.9

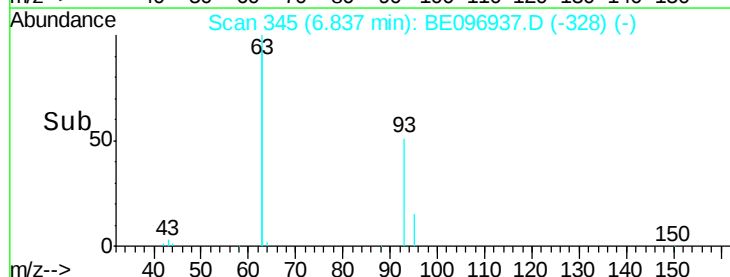
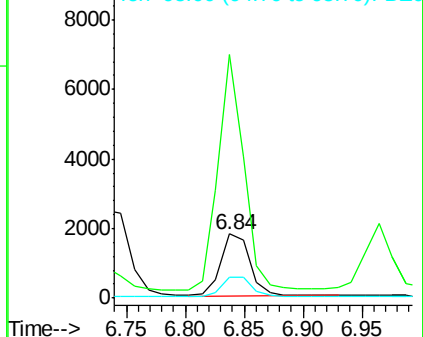
95 32.1 25.2 37.8

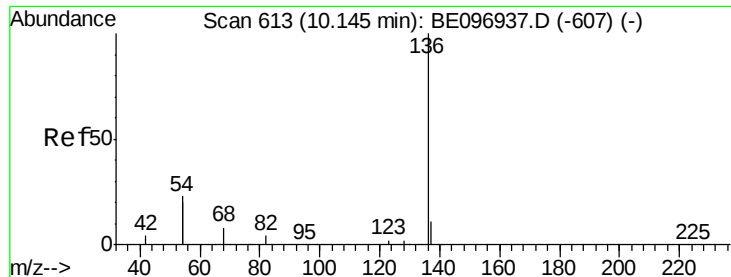


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tgt Ion: 136 Resp: 11920

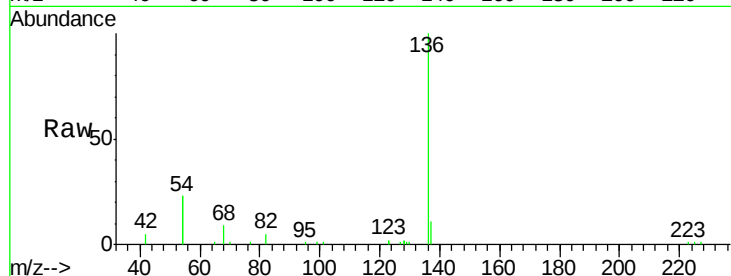
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 46.4 29.1 43.7#

68 8.8 6.2 9.2

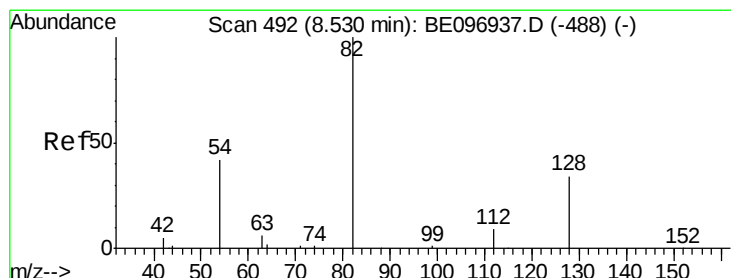
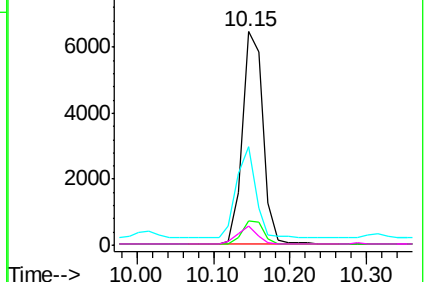
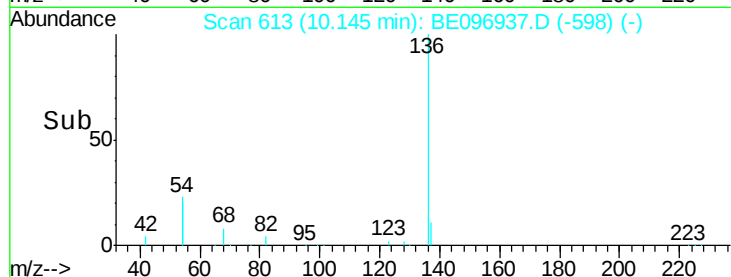


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.371 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

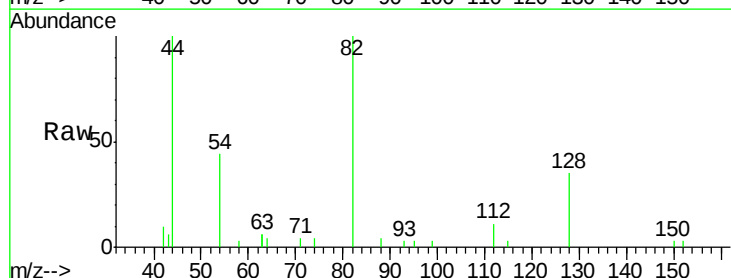
Tgt Ion: 82 Resp: 3227

Ion Ratio Lower Upper

82 100

128 35.6 24.0 36.0

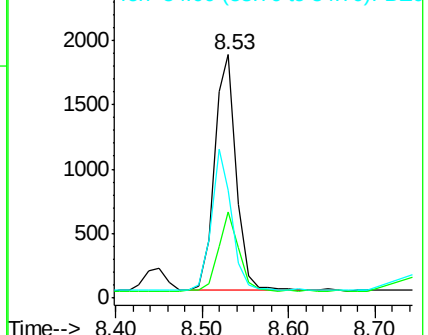
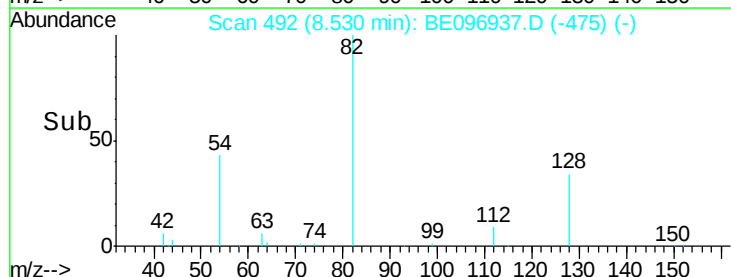
54 44.4 40.0 60.0

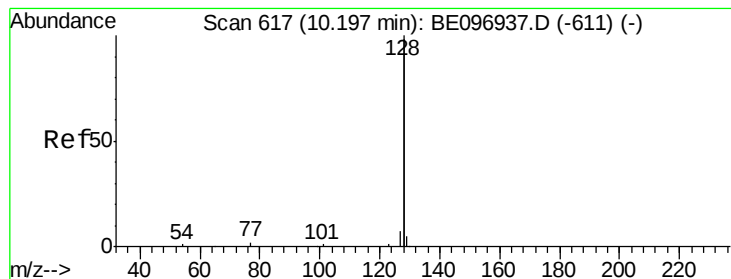


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.381 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

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ClientSampleId :

SSTDICCC0.4

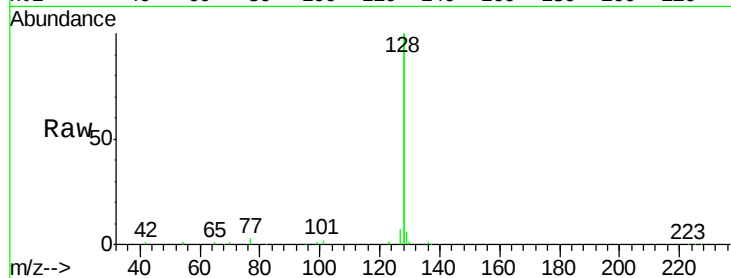
Tgt Ion:128 Resp: 40615

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

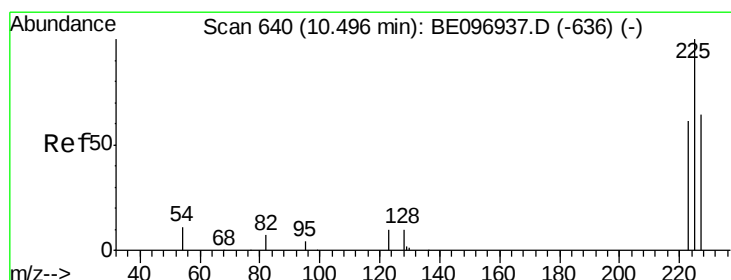
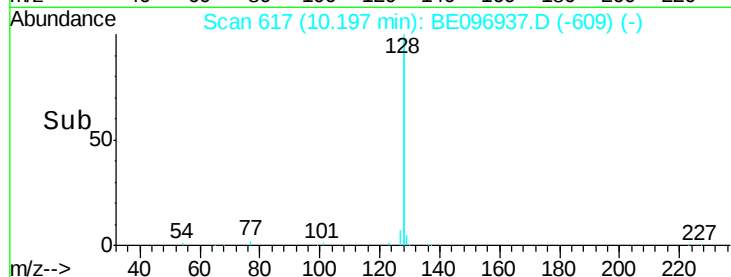
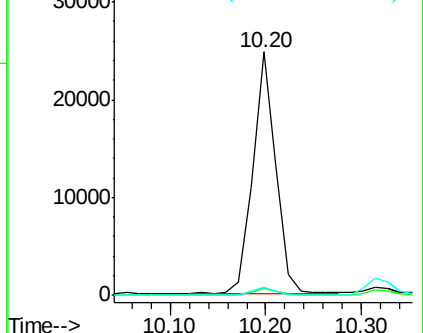
127 3.5 2.8 4.2



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: 0.380 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

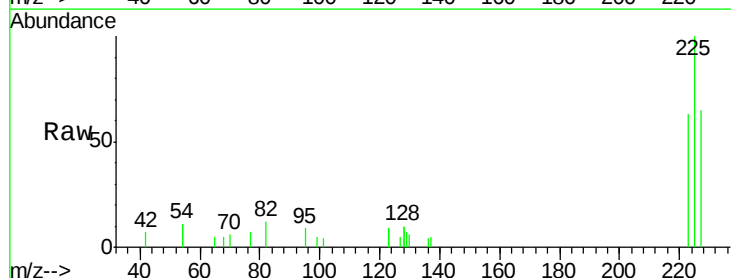
Tgt Ion:225 Resp: 1641

Ion Ratio Lower Upper

225 100

223 61.8 53.0 79.6

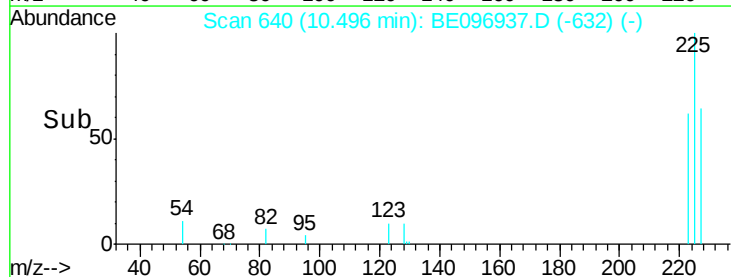
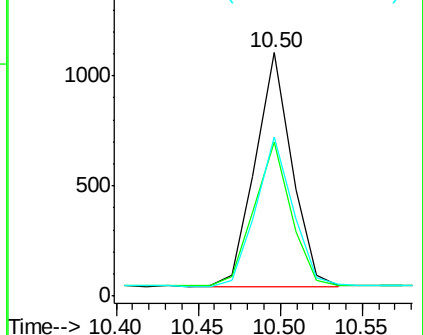
227 64.5 51.4 77.2

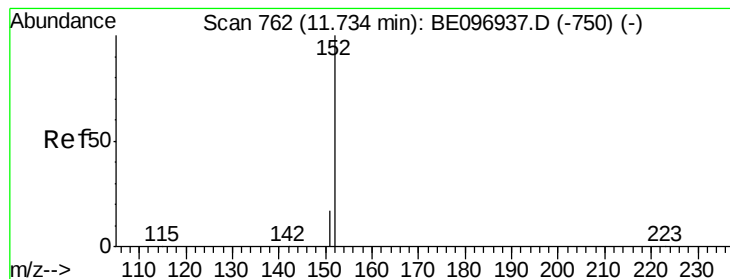


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.379 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

Instrument :

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ClientSampleId :

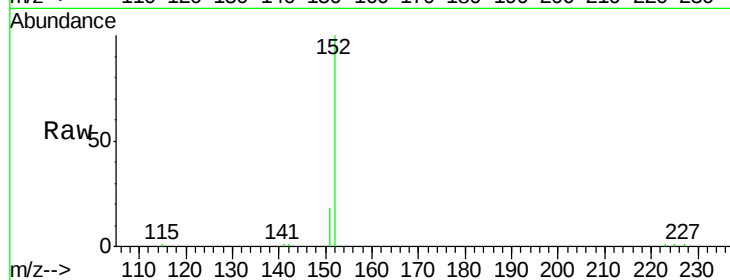
SSTDICCC0.4

Tgt Ion:152 Resp: 6578

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

4000

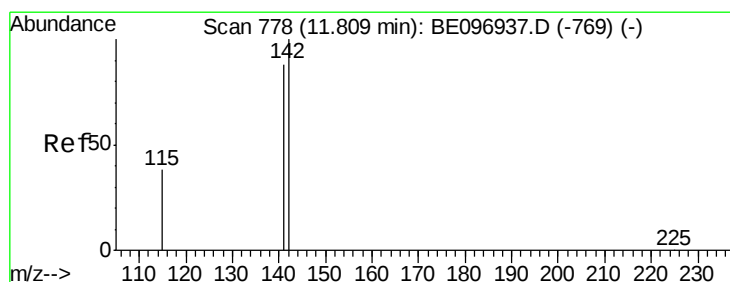
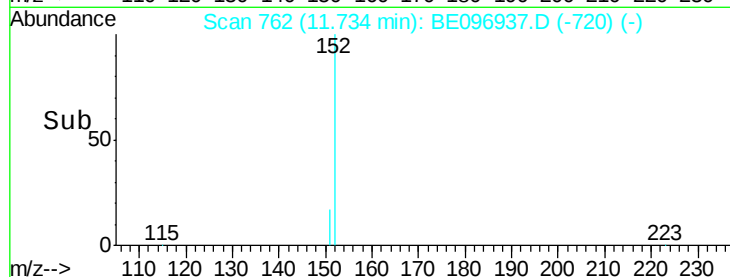
3000

2000

1000

0

Time--> 11.60 11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.382 ng

RT: 11.81 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

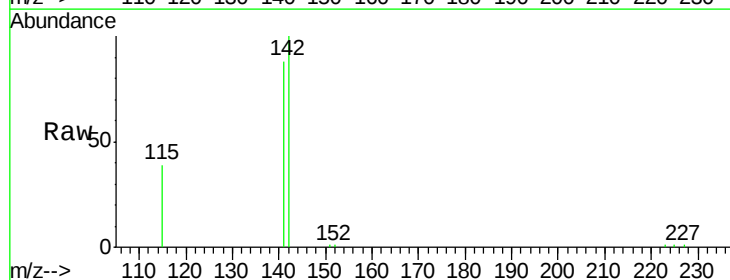
Tgt Ion:142 Resp: 6906

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6

115 39.2 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

6000

5000

4000

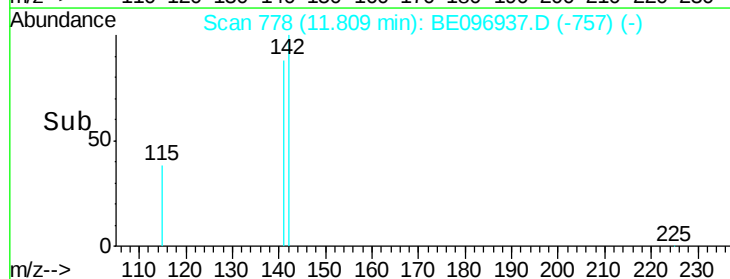
3000

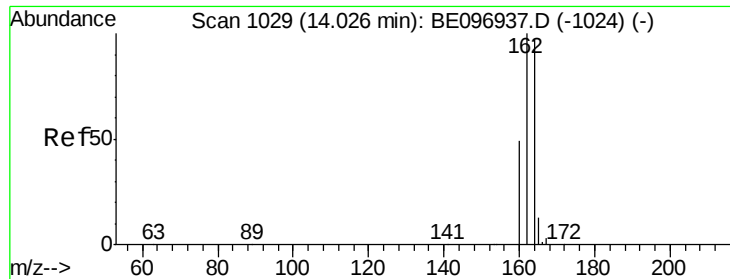
2000

1000

0

Time--> 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

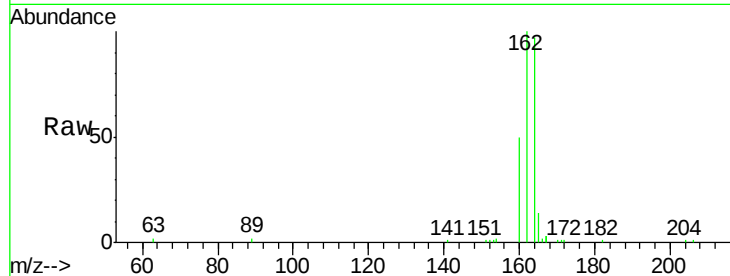
Tgt Ion:164 Resp: 6308

Ion Ratio Lower Upper

164 100

162 102.9 83.1 124.7

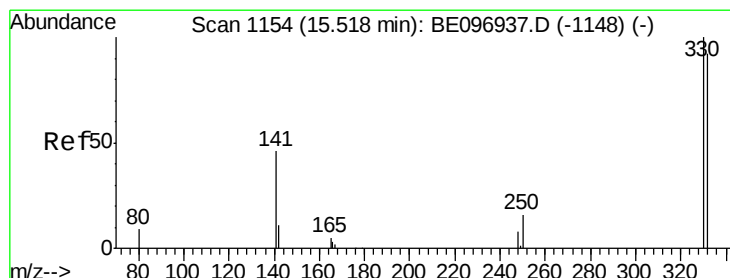
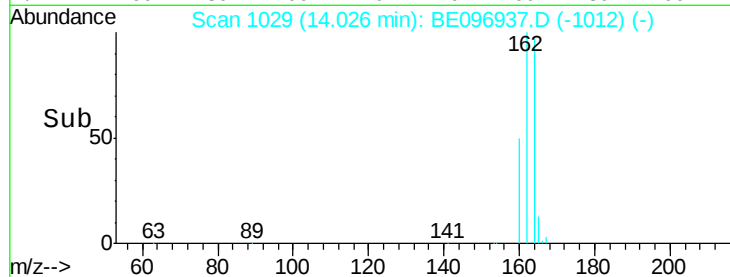
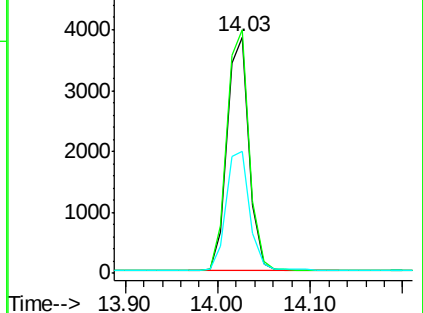
160 51.5 37.1 55.7



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: 0.385 ng

RT: 15.52 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

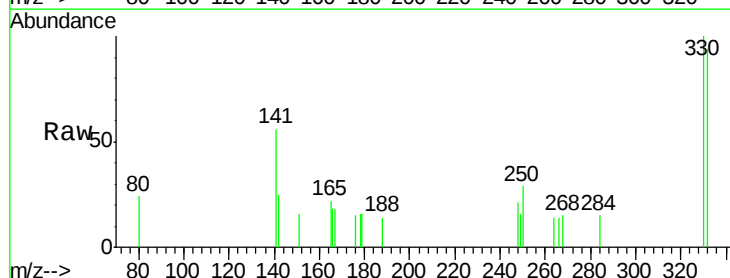
Tgt Ion:330 Resp: 523

Ion Ratio Lower Upper

330 100

332 92.4 152.7 229.1#

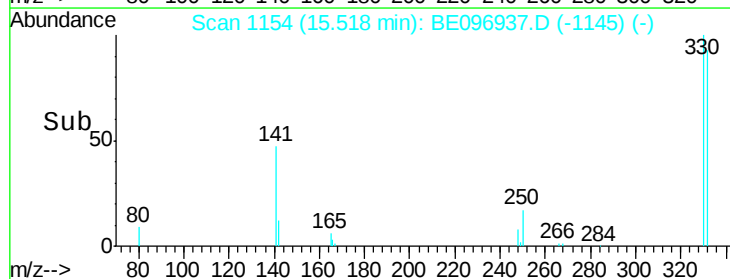
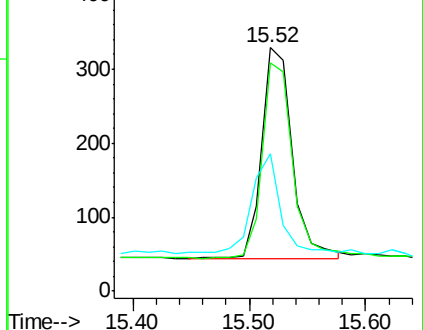
141 41.9 33.7 50.5

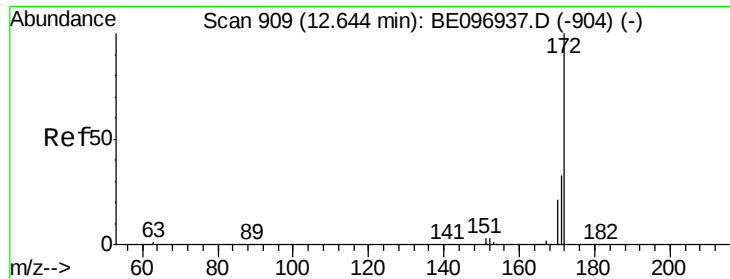


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

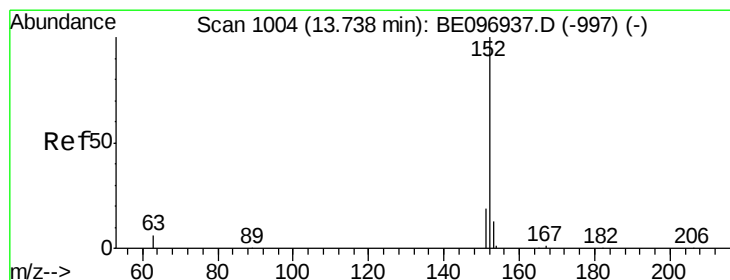
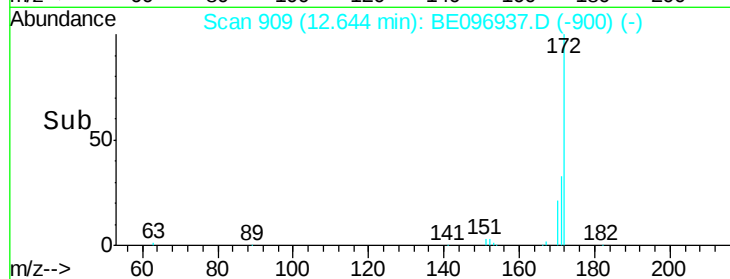
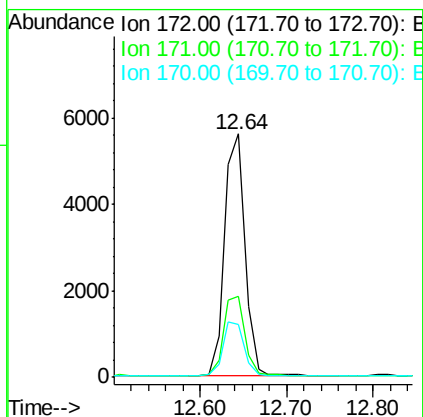
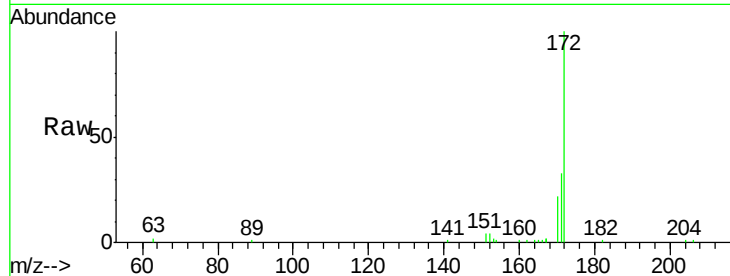




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

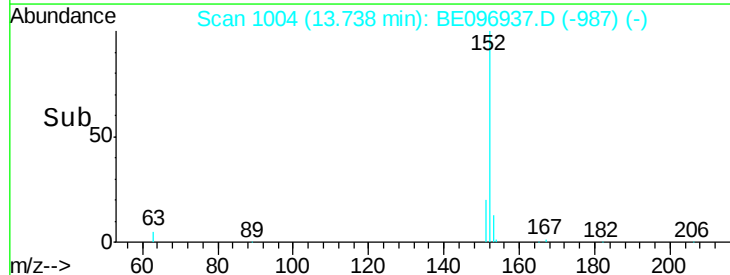
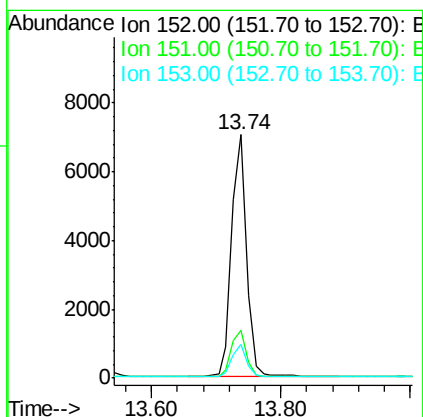
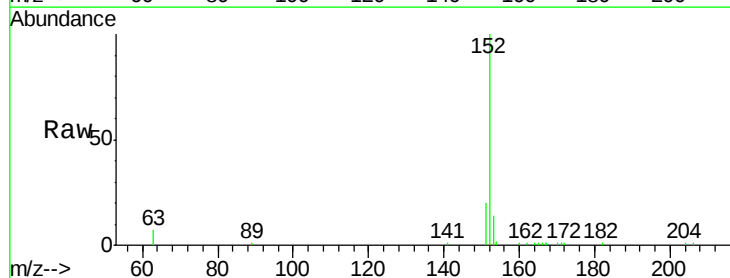
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

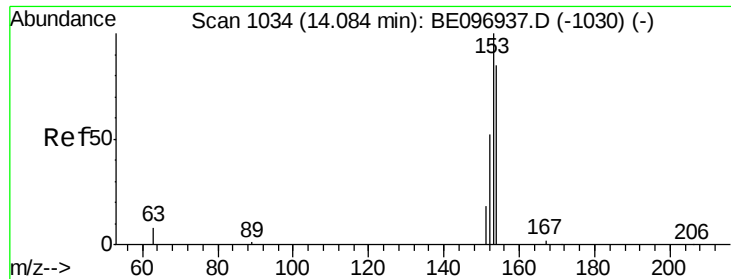
Tgt Ion:172 Resp: 9173
Ion Ratio Lower Upper
172 100
171 33.3 29.9 44.9
170 21.7 21.8 32.8#



#16
Acenaphthylene
Concen: 0.384 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:152 Resp: 11062
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 12.9 10.5 15.7

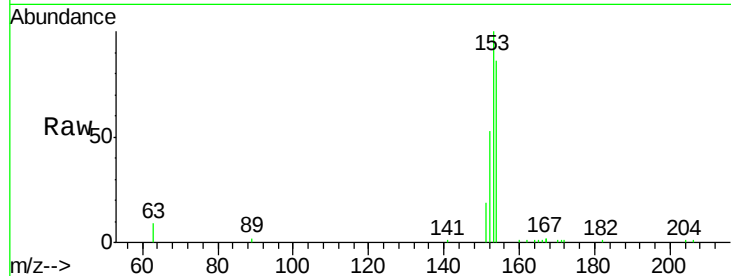




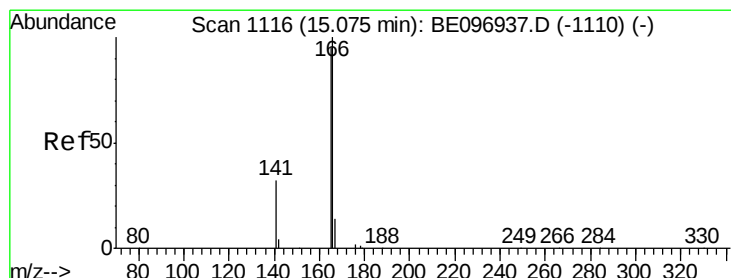
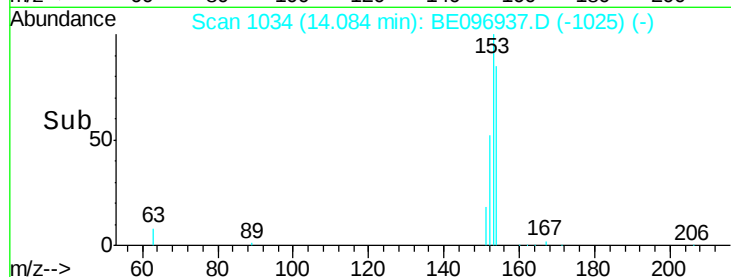
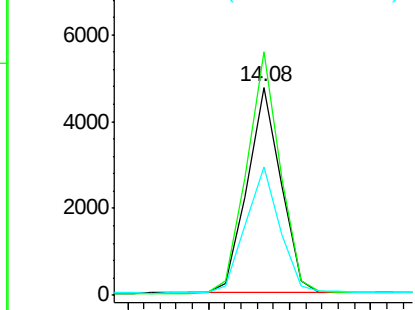
#17
Acenaphthene
Concen: 0.383 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 6855
Ion Ratio Lower Upper
154 100
153 115.7 89.2 133.8
152 63.2 42.0 63.0#

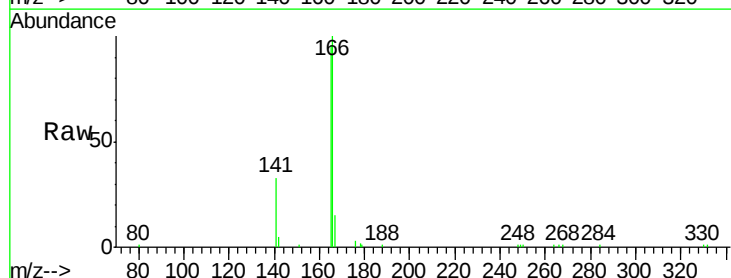


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

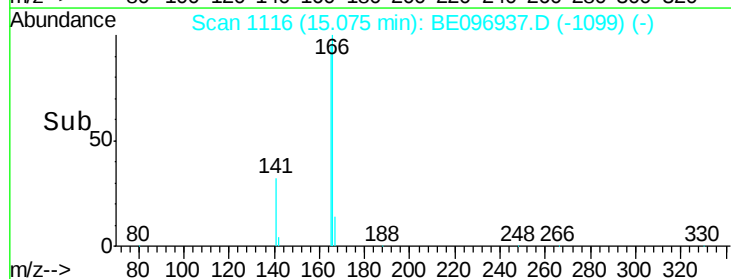
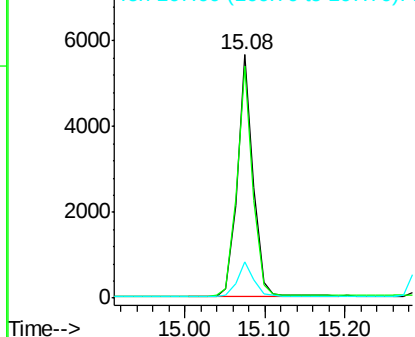


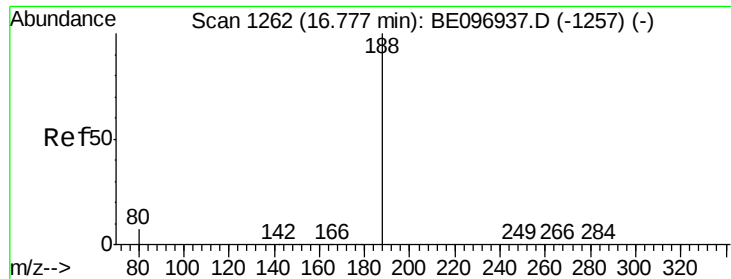
#18
Fluorene
Concen: 0.378 ng
RT: 15.08 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:166 Resp: 7608
Ion Ratio Lower Upper
166 100
165 95.8 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. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

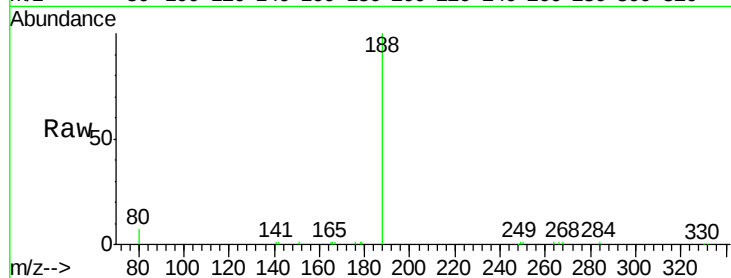
Tgt Ion:188 Resp: 14805

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

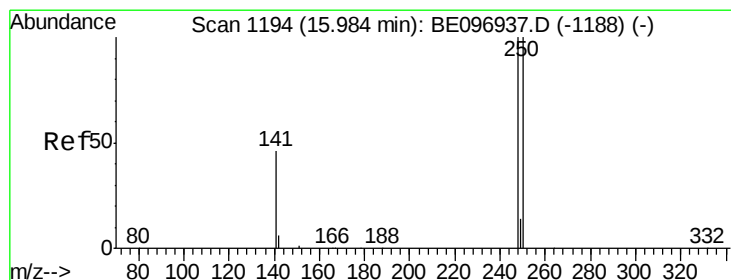
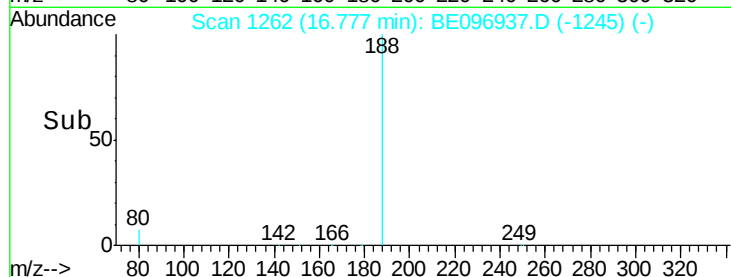
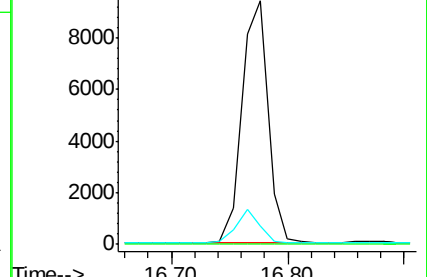
80 7.3 3.6 5.4#



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: 0.377 ng

RT: 15.98 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

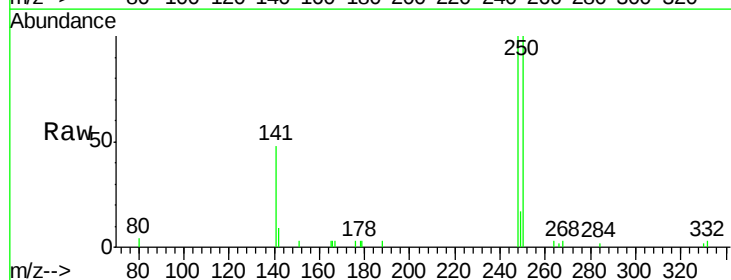
Tgt Ion:248 Resp: 2643

Ion Ratio Lower Upper

248 100

250 100.2 62.7 94.1#

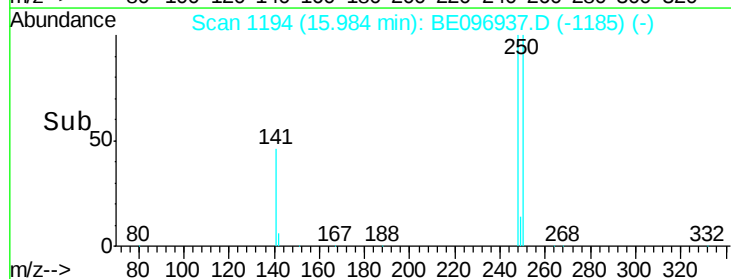
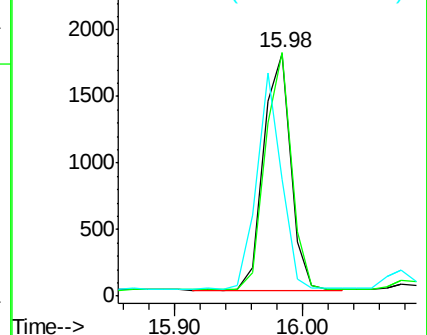
141 48.3 48.2 72.2

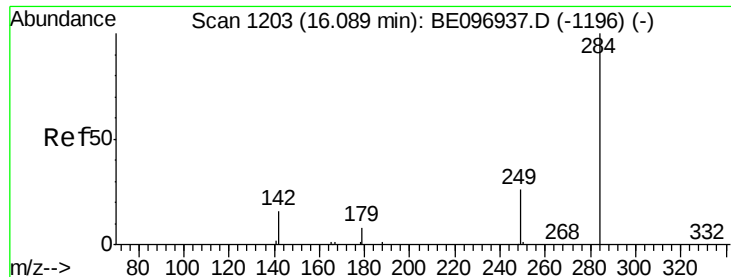


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.385 ng

RT: 16.09 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

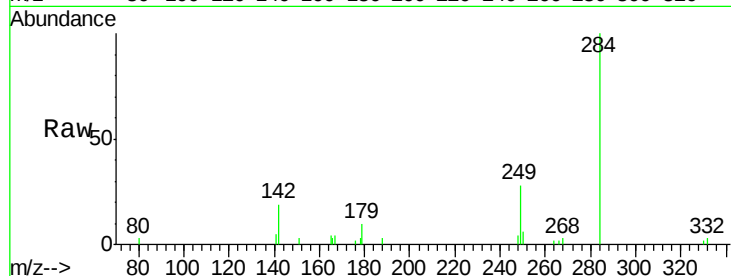
Tgt Ion:284 Resp: 2997

Ion Ratio Lower Upper

284 100

142 39.6 22.1 33.1#

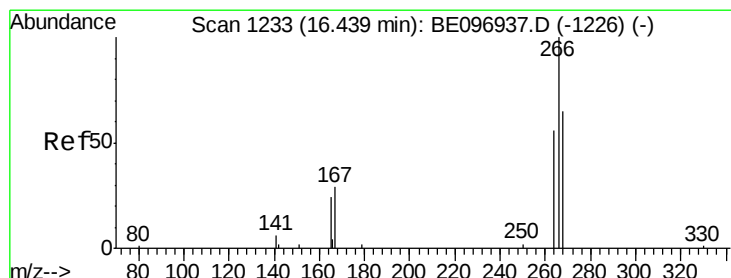
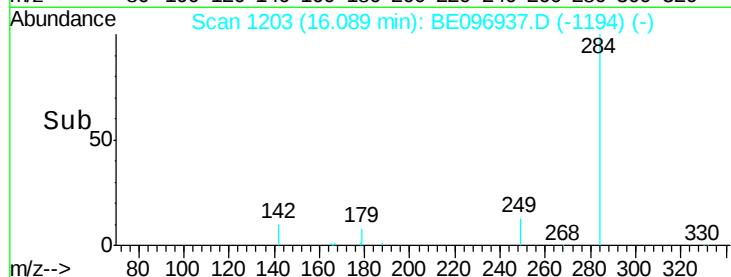
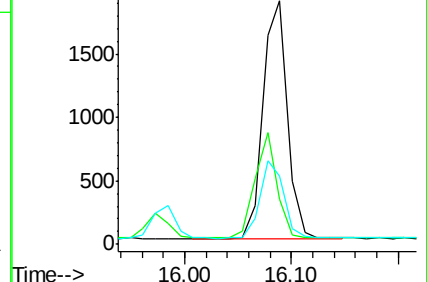
249 31.8 34.8 52.2#



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: 0.374 ng

RT: 16.44 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

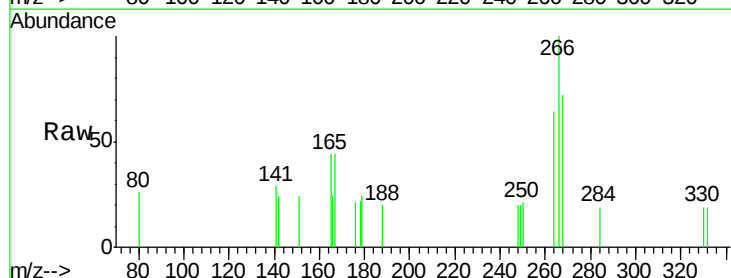
Tgt Ion:266 Resp: 450

Ion Ratio Lower Upper

266 100

264 63.9 72.5 108.7#

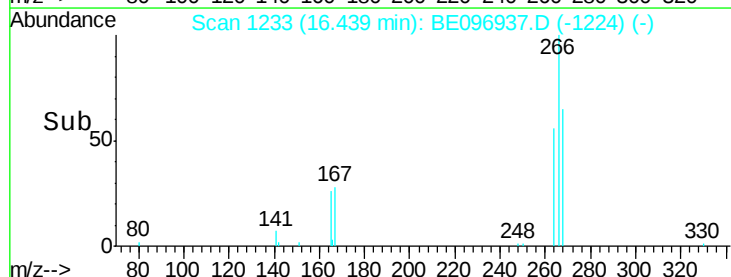
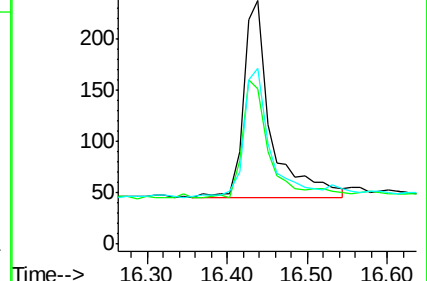
268 72.3 73.8 110.6#

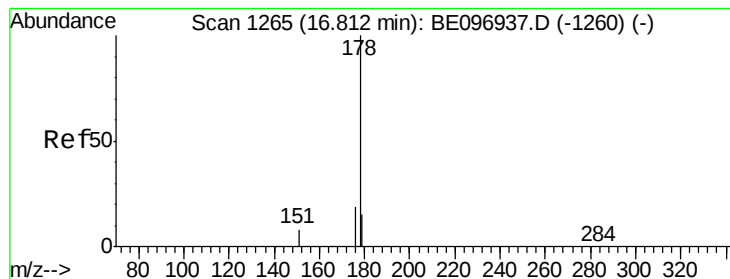


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.382 ng

RT: 16.81 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

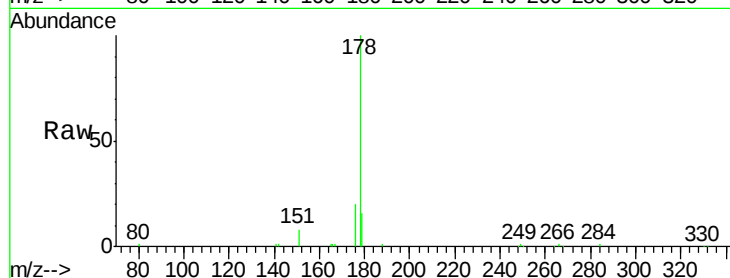
Tgt Ion:178 Resp: 13537

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

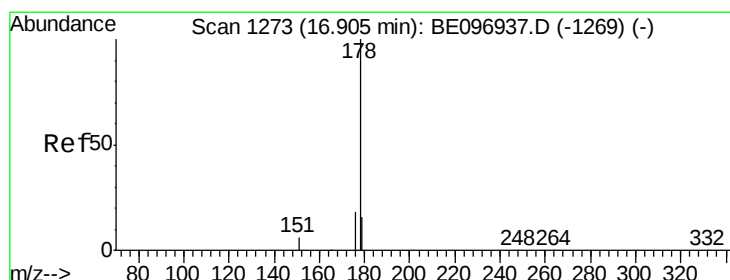
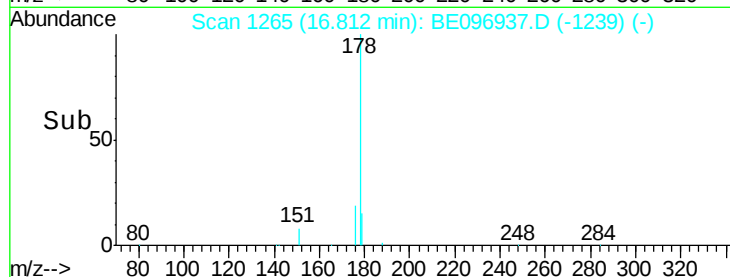
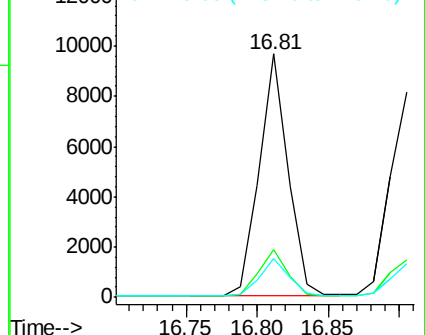
179 15.5 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.373 ng

RT: 16.90 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

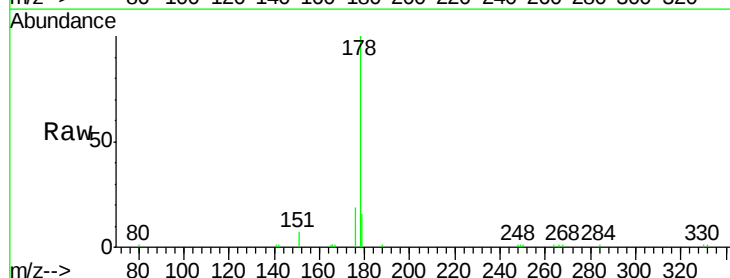
Tgt Ion:178 Resp: 11503

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

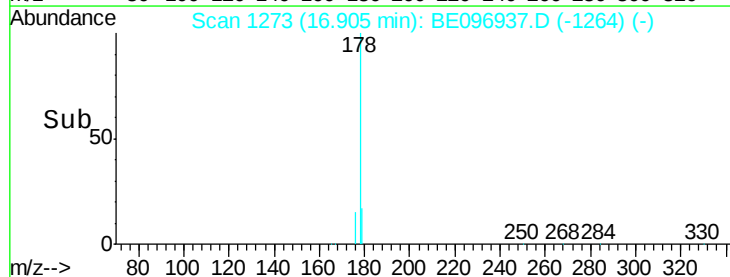
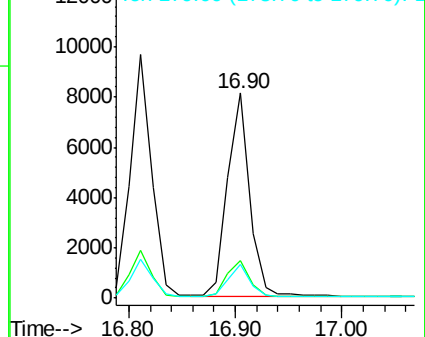
179 15.2 13.0 19.6

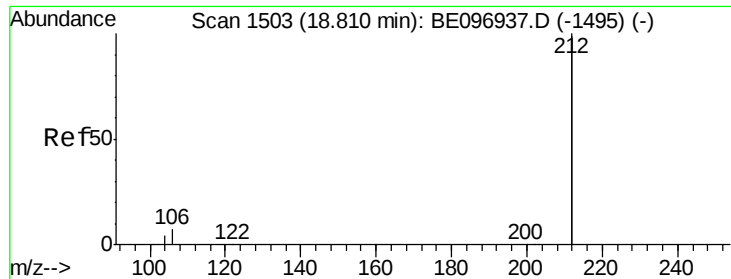


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

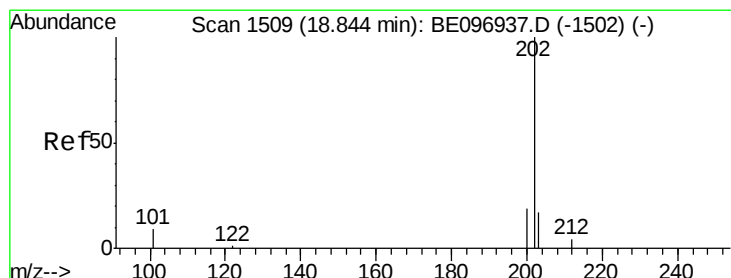
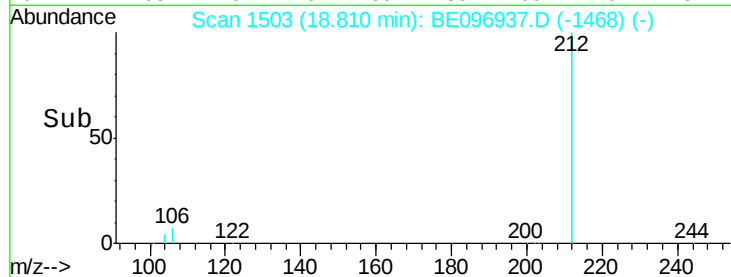
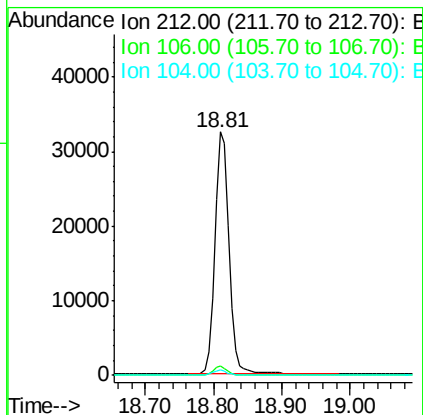
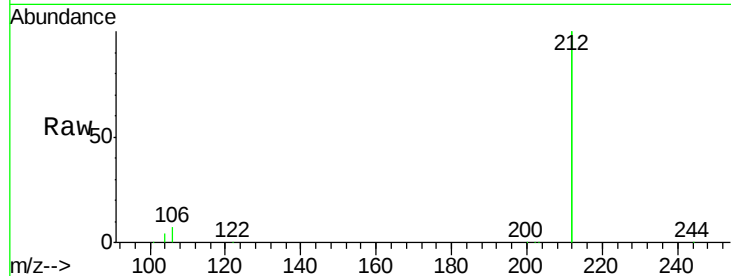




#25
 Fluoranthene-d10
 Concen: 0.368 ng
 RT: 18.81 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: BE096937.D
 Acq: 16 Jul 2018 13:37

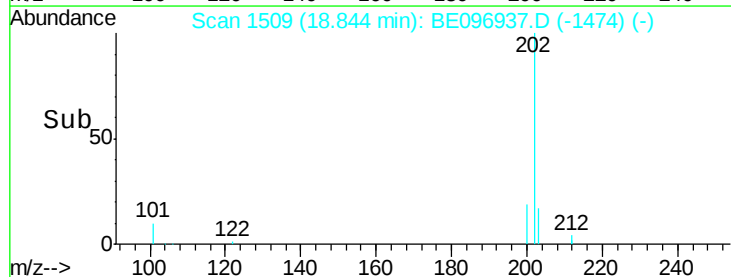
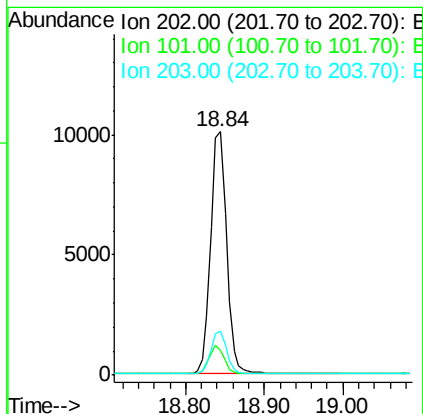
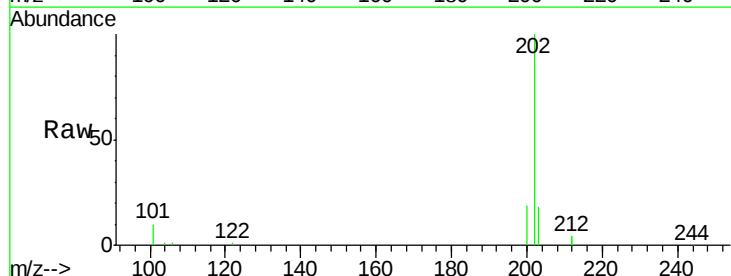
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

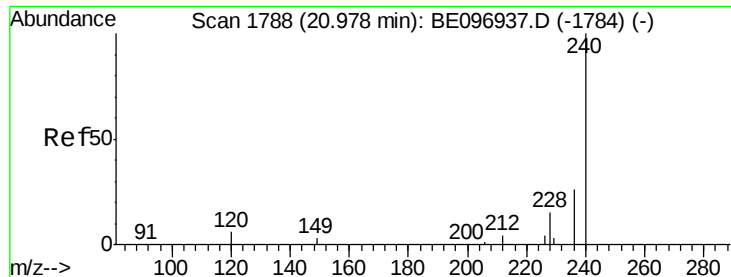
Tgt Ion: 212 Resp: 47413
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.8 4.2
 104 2.0 1.6 2.4



#26
 Fluoranthene
 Concen: 0.374 ng
 RT: 18.84 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BE096937.D
 Acq: 16 Jul 2018 13:37

Tgt Ion: 202 Resp: 13986
 Ion Ratio Lower Upper
 202 100
 101 11.4 9.8 14.8
 203 17.1 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

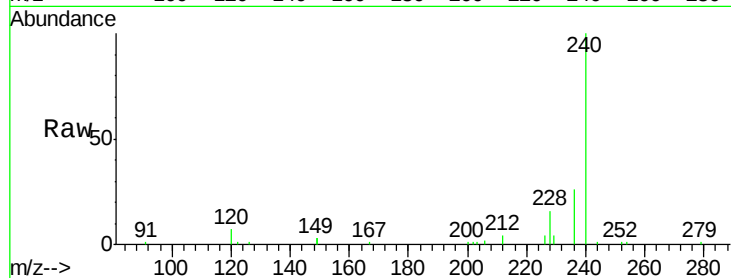
Tgt Ion:240 Resp: 11921

Ion Ratio Lower Upper

240 100

120 7.0 5.5 8.3

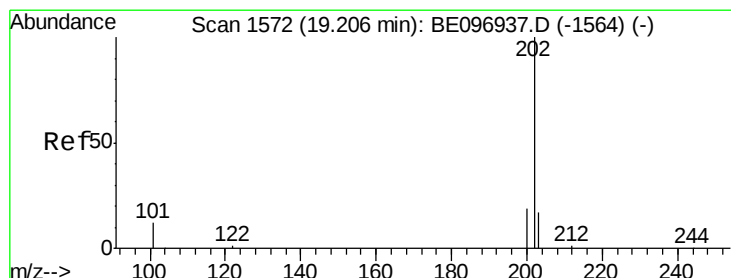
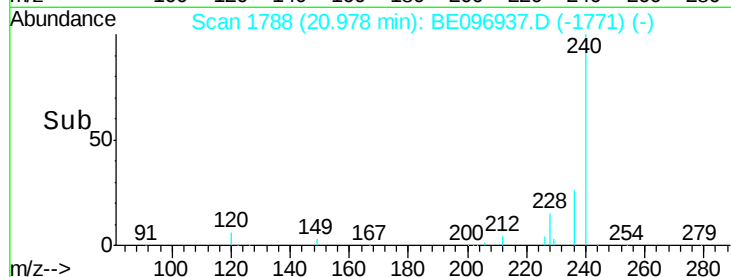
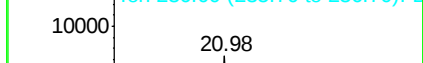
236 26.4 20.7 31.1



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: 0.386 ng

RT: 19.21 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

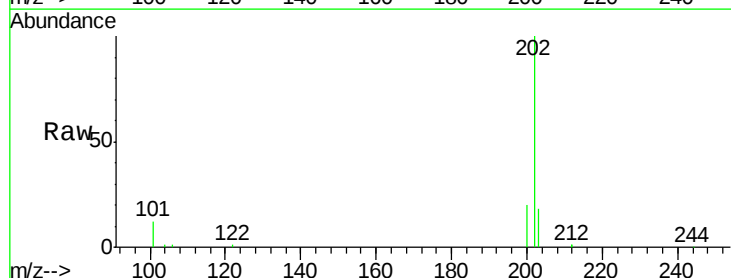
Tgt Ion:202 Resp: 13573

Ion Ratio Lower Upper

202 100

200 19.5 16.6 25.0

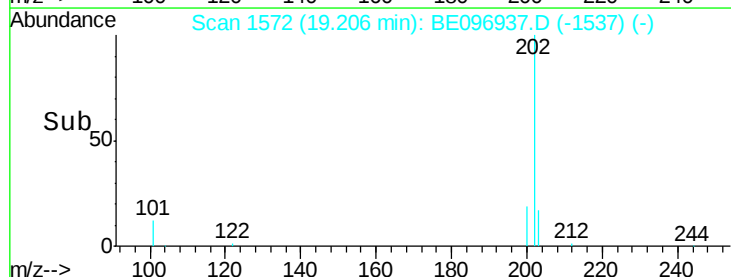
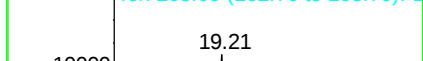
203 17.5 13.8 20.8

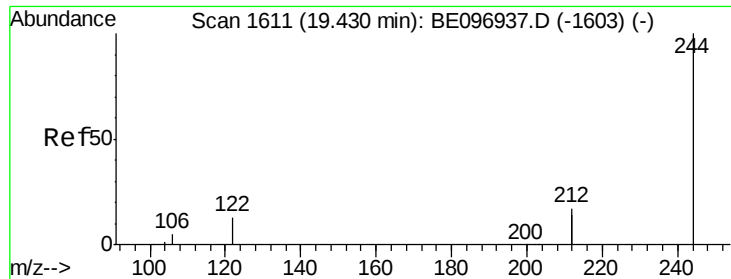


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.380 ng

RT: 19.43 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

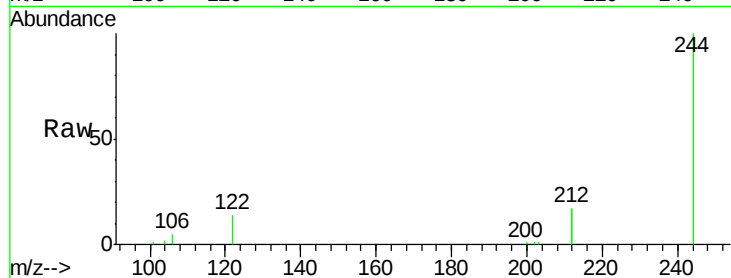
Tgt Ion:244 Resp: 8748

Ion Ratio Lower Upper

244 100

212 33.9 25.4 38.0

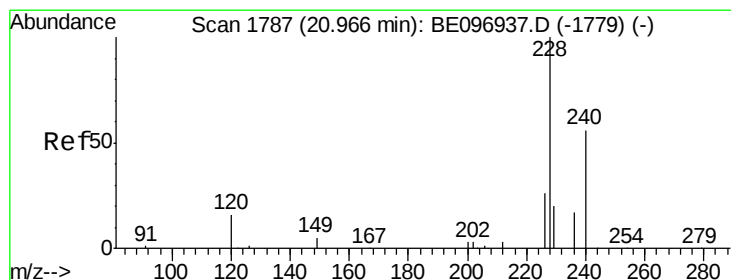
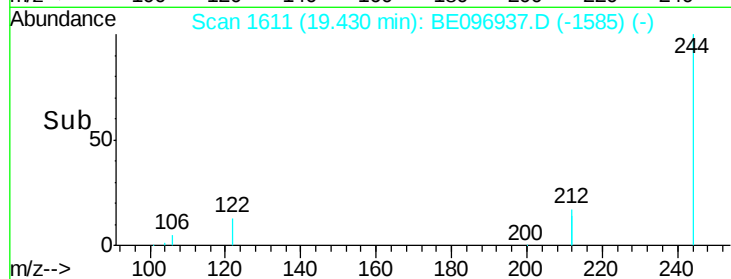
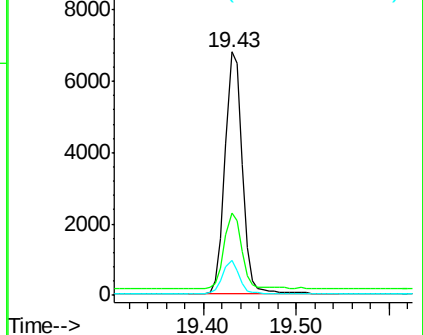
122 14.1 8.1 12.1#



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: 0.365 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

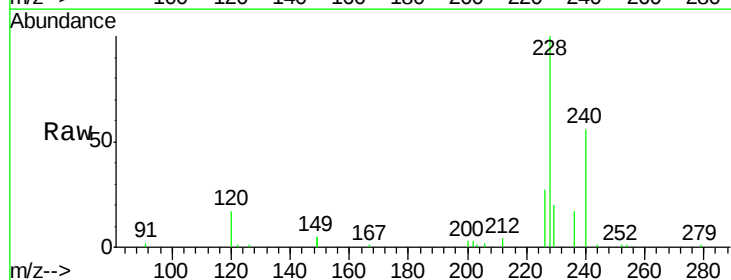
Tgt Ion:228 Resp: 10367

Ion Ratio Lower Upper

228 100

226 26.9 24.0 36.0

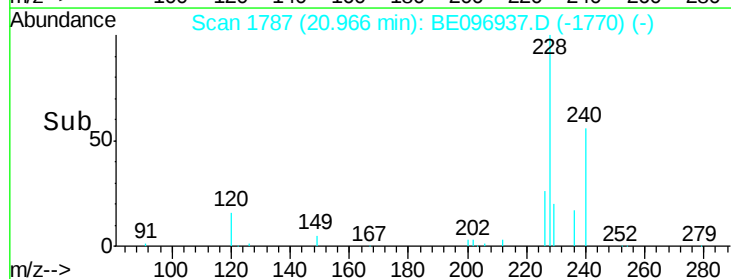
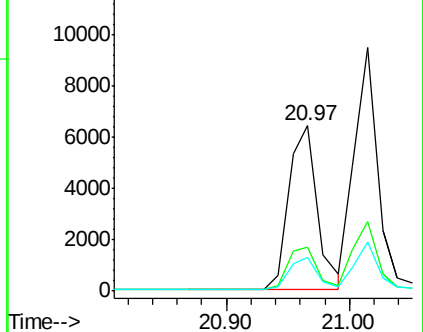
229 20.3 16.0 24.0

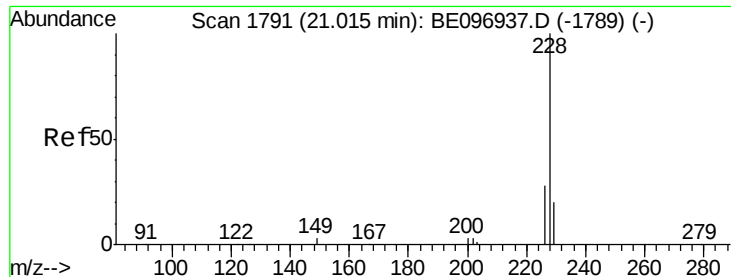


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.389 ng

RT: 21.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

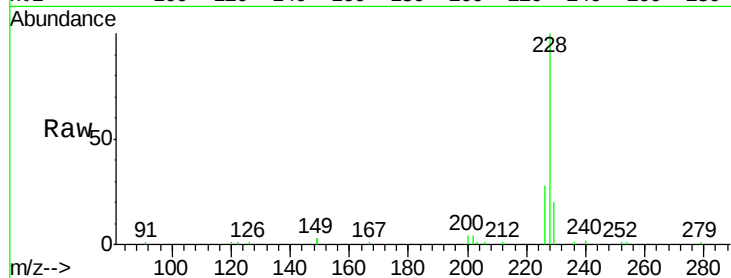
Tgt Ion:228 Resp: 12393

Ion Ratio Lower Upper

228 100

226 28.5 24.0 36.0

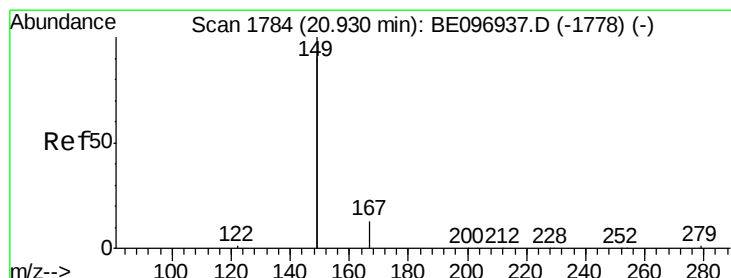
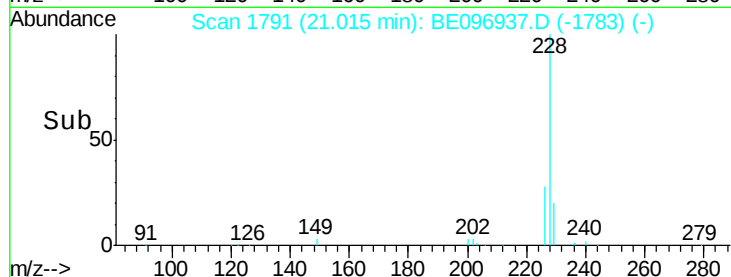
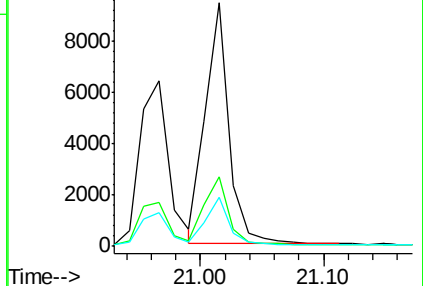
229 20.1 16.0 24.0



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: 0.347 ng

RT: 20.93 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

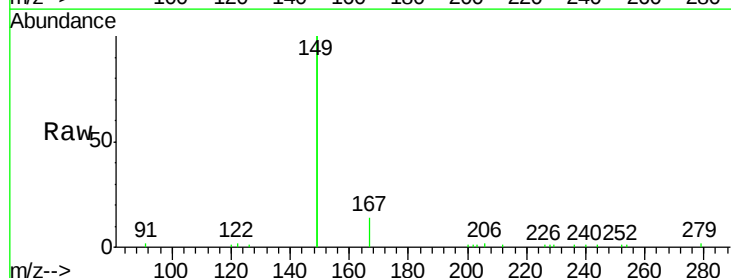
Tgt Ion:149 Resp: 9835

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

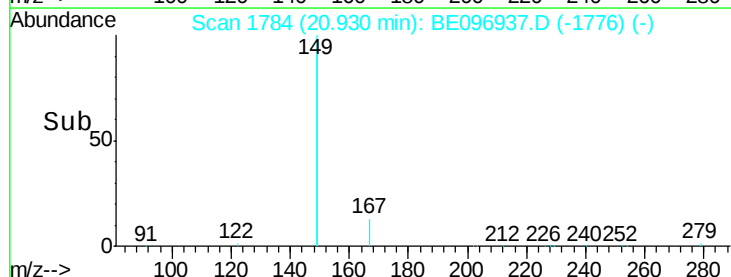
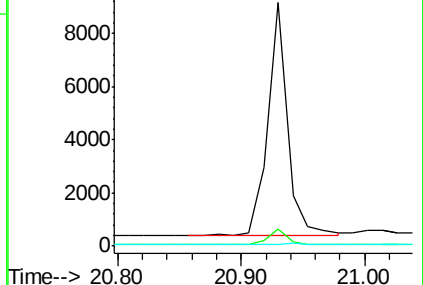
279 0.9 0.7 1.1

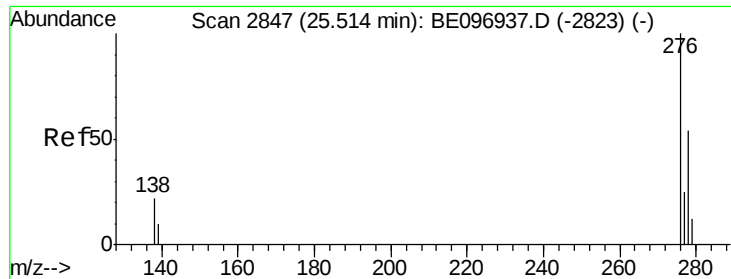


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.338 ng

RT: 25.51 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

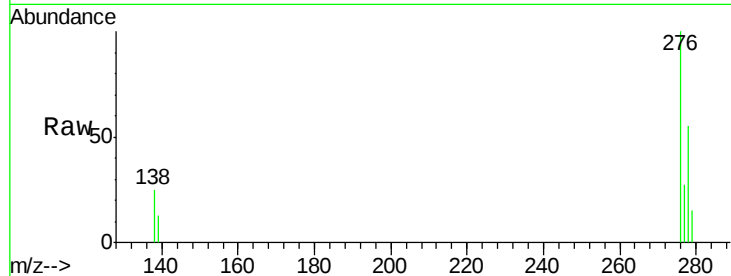
Tgt Ion:276 Resp: 8248

Ion Ratio Lower Upper

276 100

138 7.6 22.5 33.7#

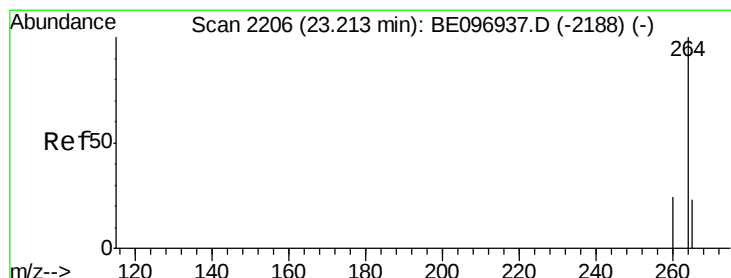
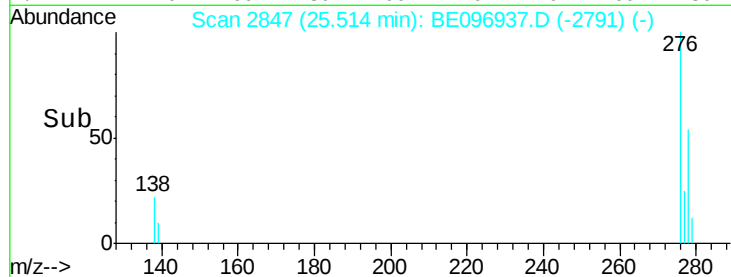
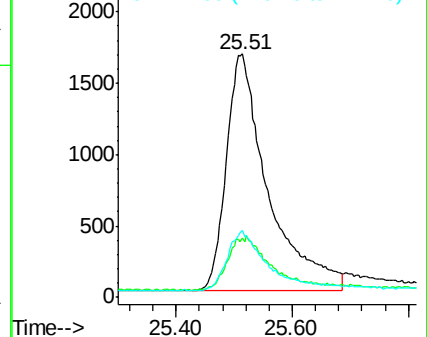
277 24.4 19.9 29.9



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: 23.21 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

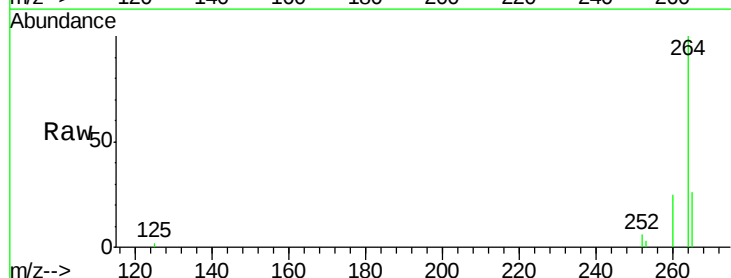
Tgt Ion:264 Resp: 9854

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

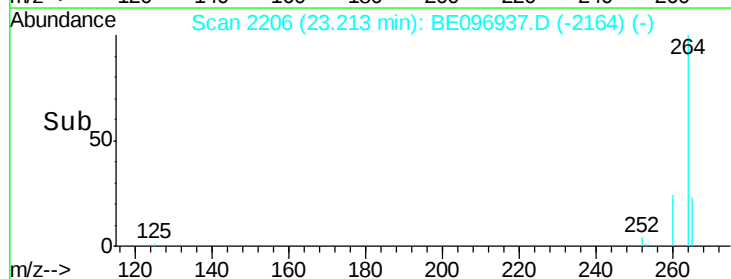
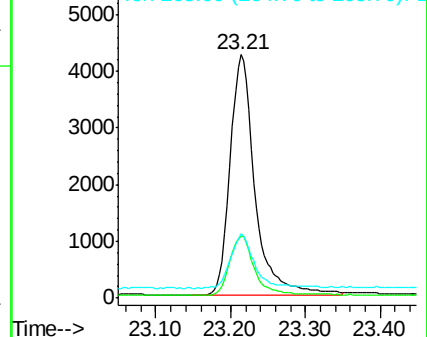
265 26.3 22.8 34.2

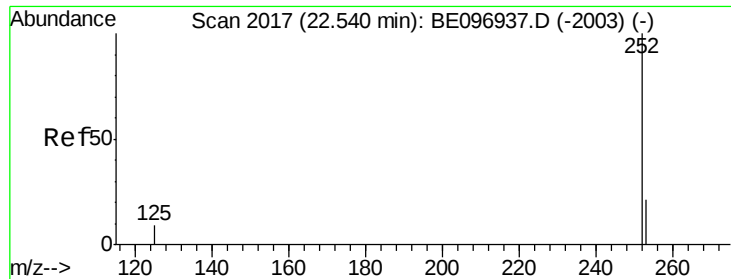


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.372 ng

RT: 22.54 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

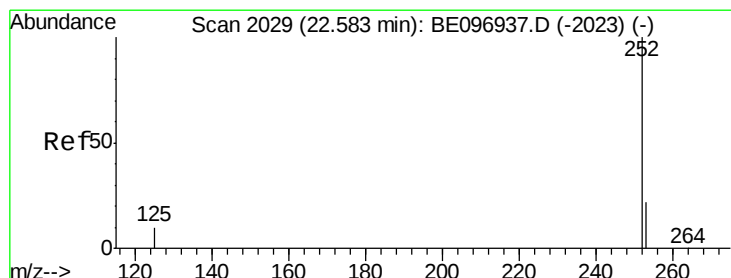
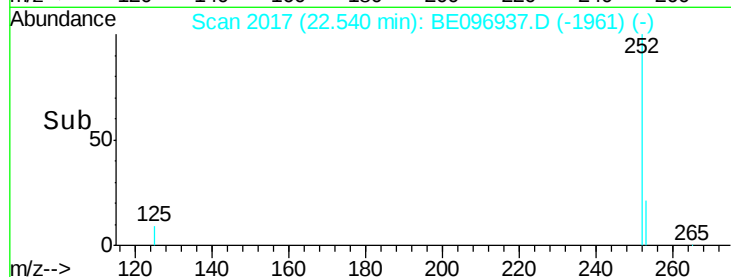
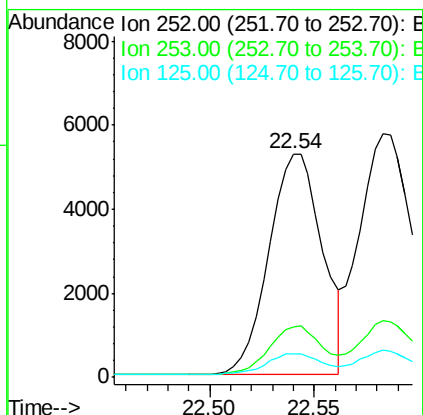
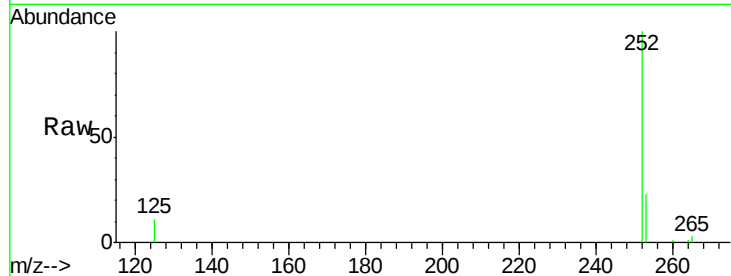
Tgt Ion:252 Resp: 9349

Ion Ratio Lower Upper

252 100

253 22.7 20.0 30.0

125 10.6 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 0.383 ng

RT: 22.58 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

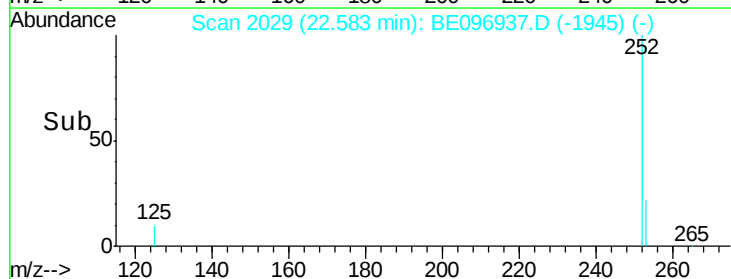
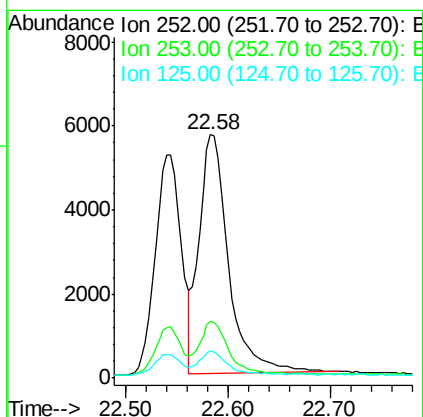
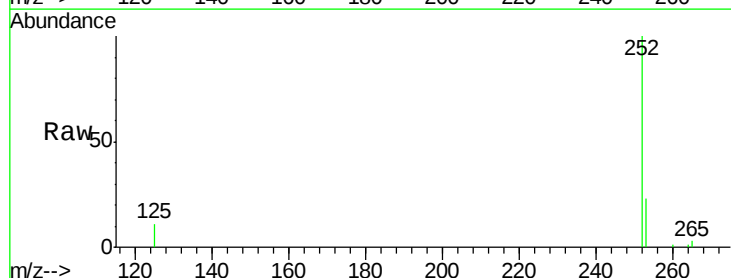
Tgt Ion:252 Resp: 11444

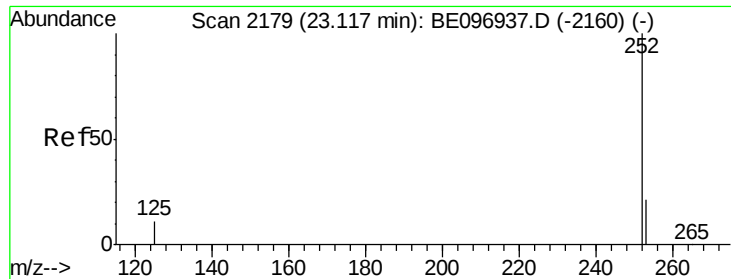
Ion Ratio Lower Upper

252 100

253 23.1 16.0 24.0

125 10.9 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.361 ng

RT: 23.12 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

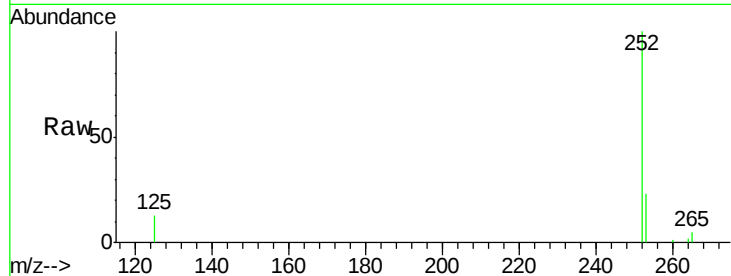
Tgt Ion:252 Resp: 8124

Ion Ratio Lower Upper

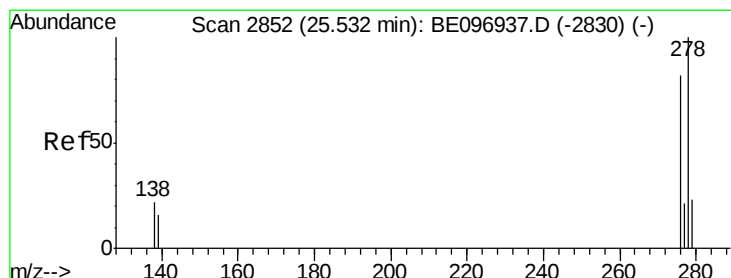
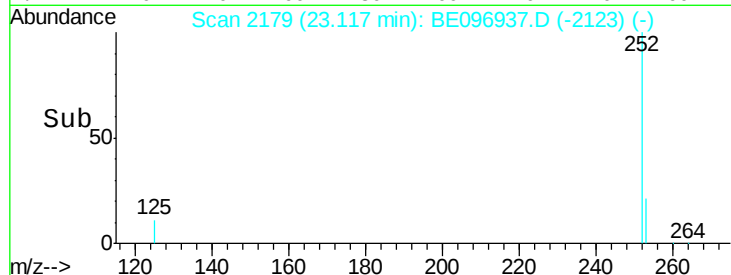
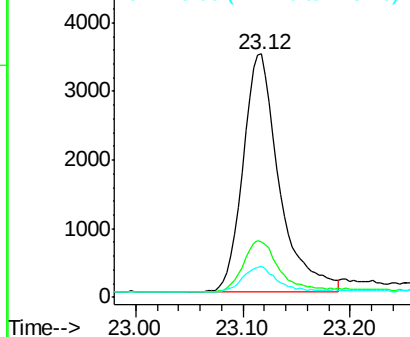
252 100

253 22.6 16.0 24.0

125 12.9 12.0 18.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.329 ng

RT: 25.53 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

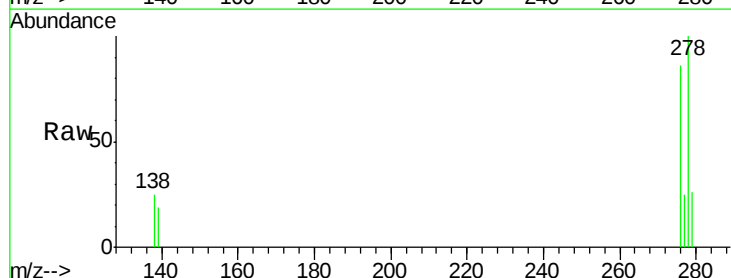
Tgt Ion:278 Resp: 6475

Ion Ratio Lower Upper

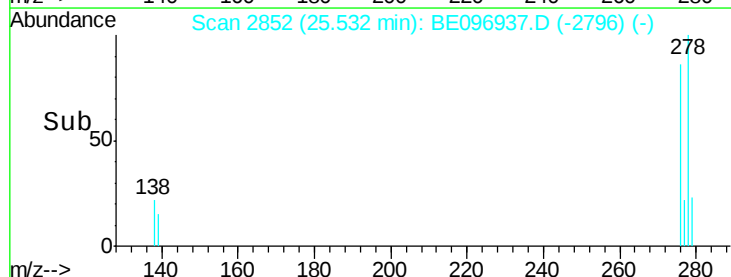
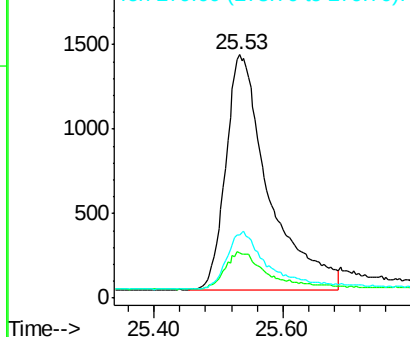
278 100

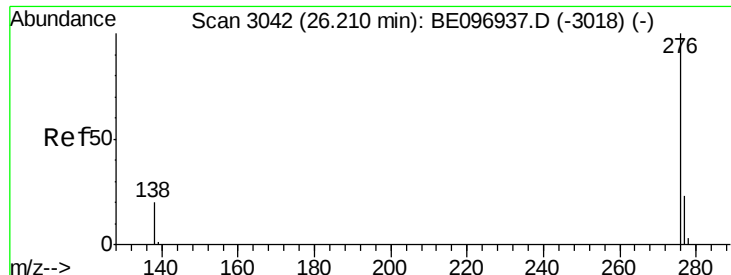
139 18.7 16.0 24.0

279 26.1 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: 0.334 ng

RT: 26.21 min Scan# 3042

Delta R.T. 0.00 min

Lab File: BE096937.D

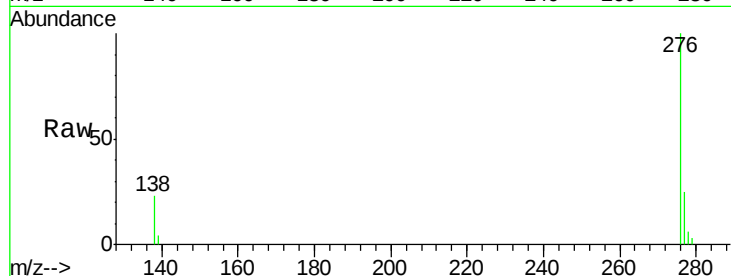
Acq: 16 Jul 2018 13:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4



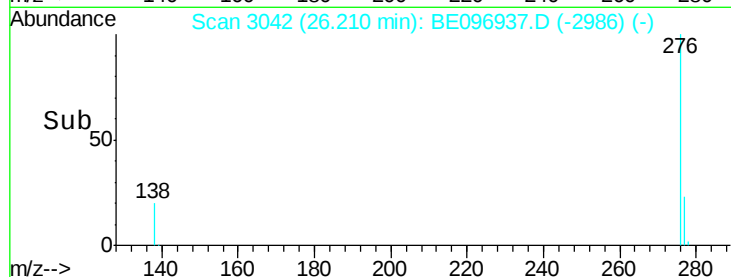
Tgt Ion: 276 Resp: 7390

Ion Ratio Lower Upper

276 100

277 24.6 16.0 24.0#

138 22.7 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

