

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
 Data File : BE096937.D
 Acq On : 16 Jul 2018 13:37
 Operator : SJ/JU
 Sample : SSTDICC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Quant Time: Jul 17 16:41:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 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

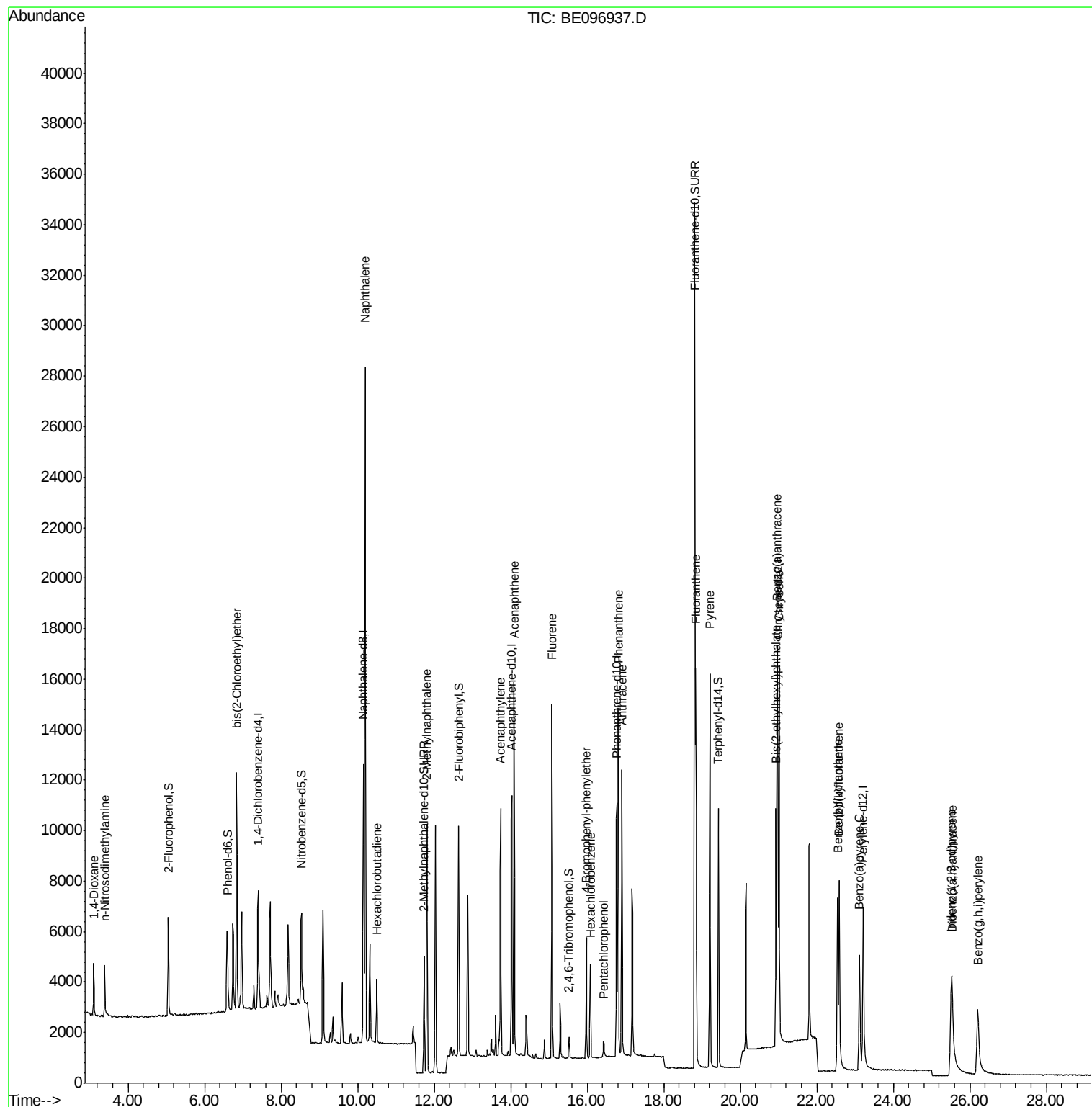
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	1211	0.386	ng	# 87
3) n-Nitrosodimethylamine	3.38	42	1328	0.376	ng	93
6) bis(2-Chloroethyl)ether	6.84	93	3030	0.386	ng	96
9) Naphthalene	10.20	128	40615	0.381	ng	100
10) Hexachlorobutadiene	10.50	225	1641	0.380	ng	97
12) 2-Methylnaphthalene	11.81	142	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	0.406	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	0.356	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	0.385	ng	95
38) Dibenzo(a,h)anthracene	25.53	278	6475	0.381	ng	97
39) Benzo(g,h,i)perylene	26.21	276	7390	0.361	ng	# 93

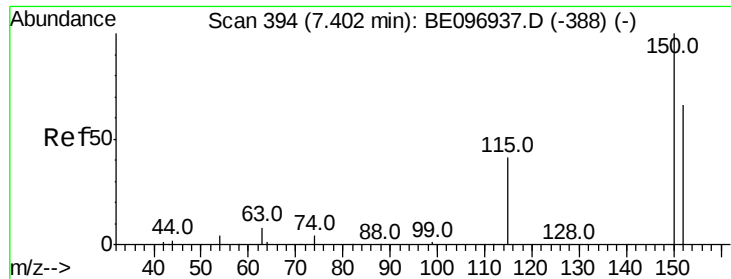
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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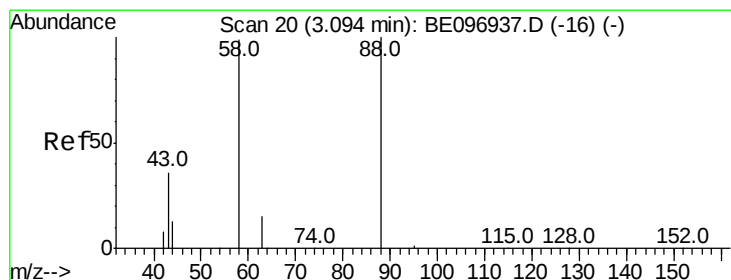
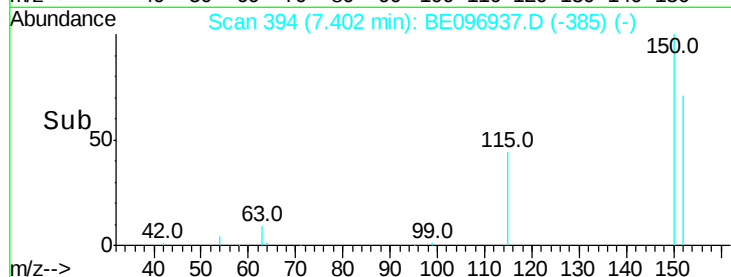
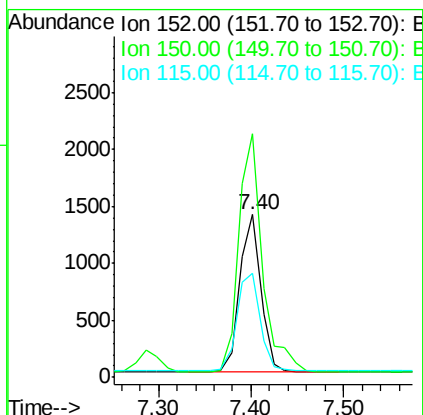
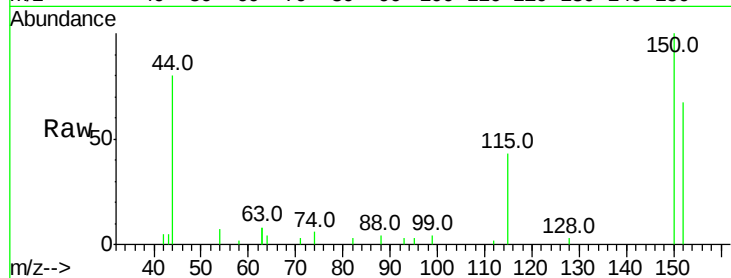


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

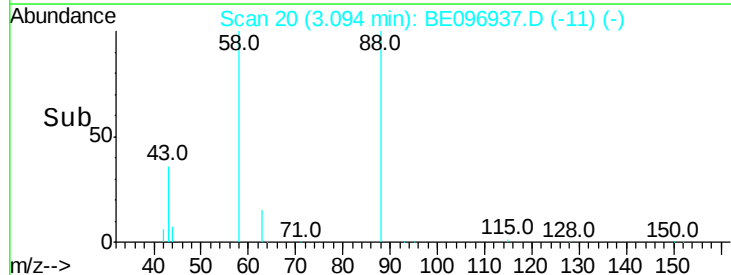
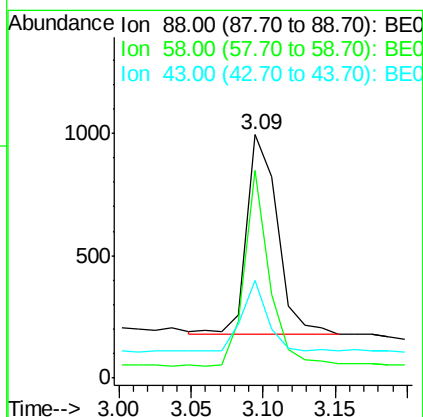
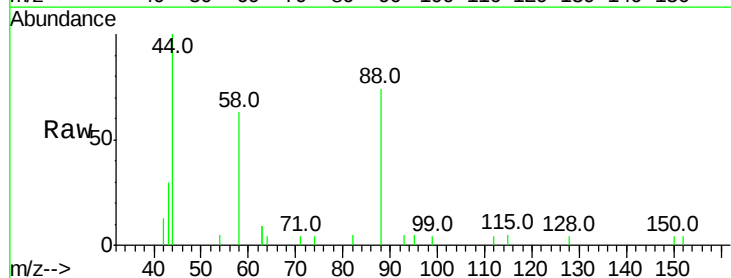
Tot Ion:152 Resp: 2193
Ion Ratio Lower Upper
152 100
150 149.6 117.2 175.8
115 63.8 57.0 85.6



#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#

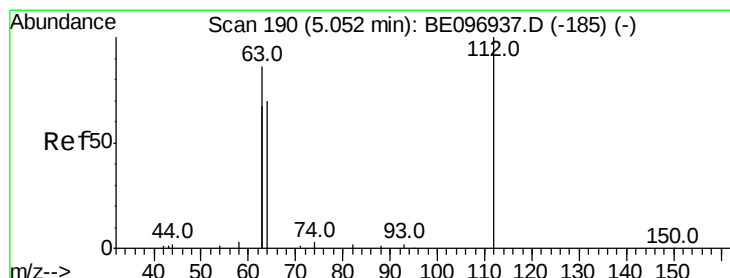
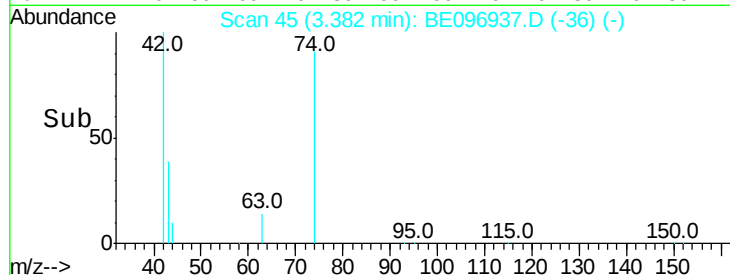
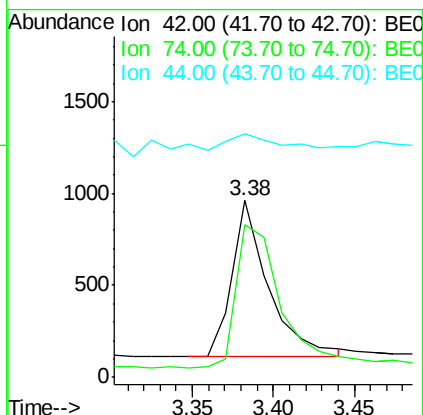
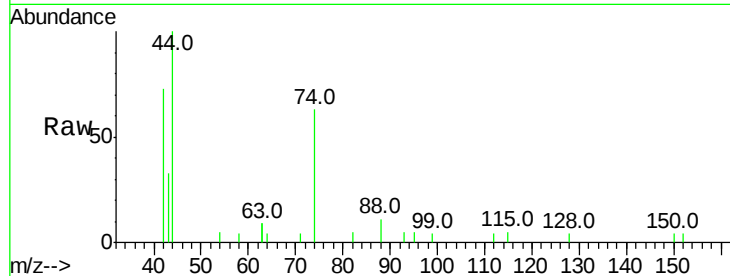




#3
n-Nitrosodimethylamine
Concen: 0.376 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

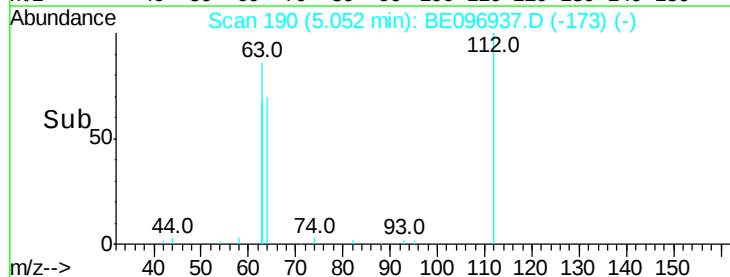
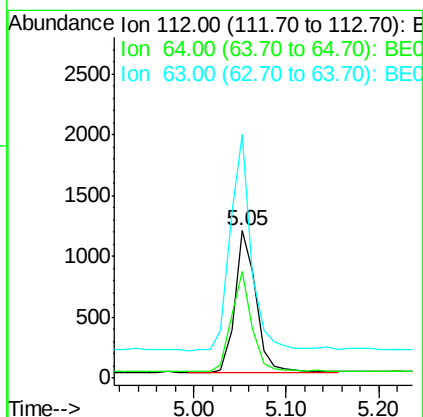
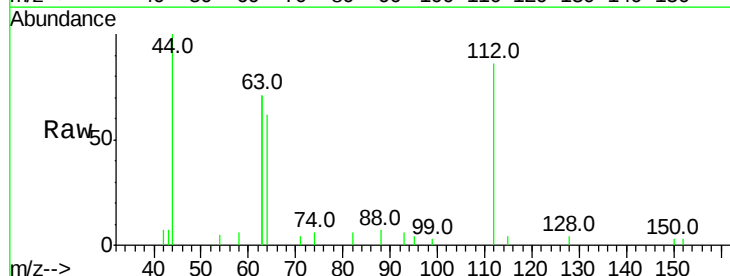
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

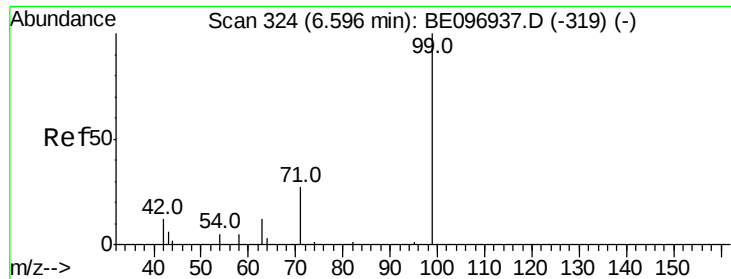
Tot Ion: 42 Resp: 1328
Ion Ratio Lower Upper
42 100
74 111.1 96.0 144.0
44 16.3 12.0 18.0



#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





#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

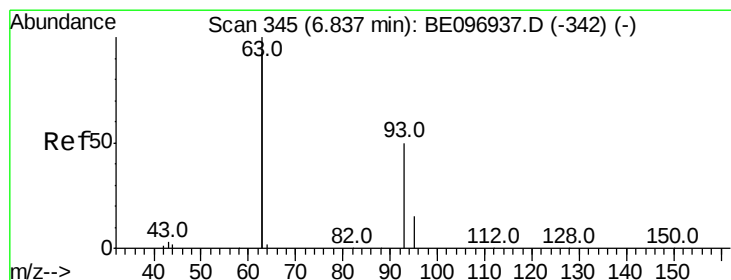
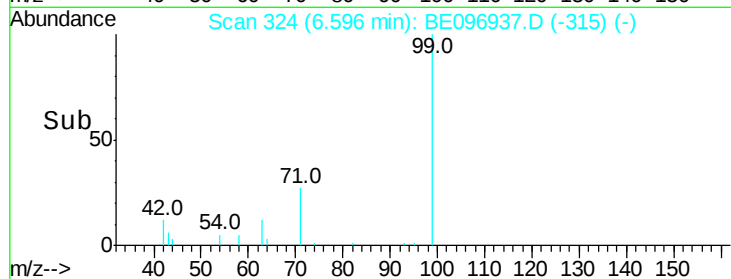
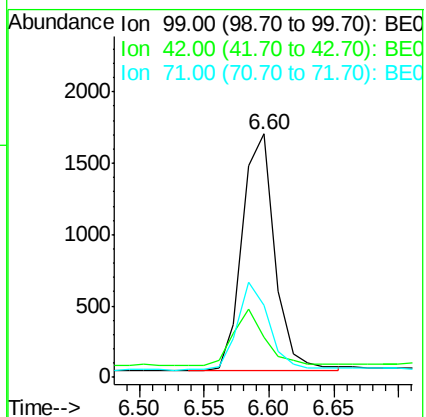
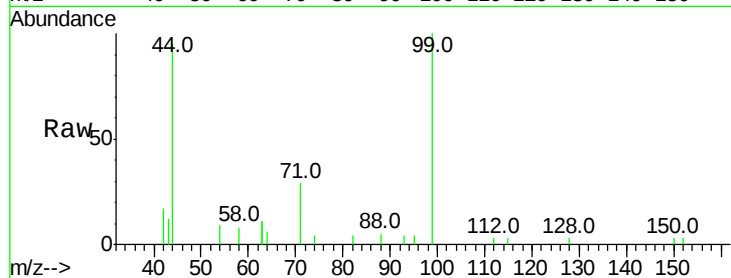
Tot Ion: 99 Resp: 2926

Ion Ratio Lower Upper

99 100

42 22.8 20.2 30.2

71 36.1 28.4 42.6



#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

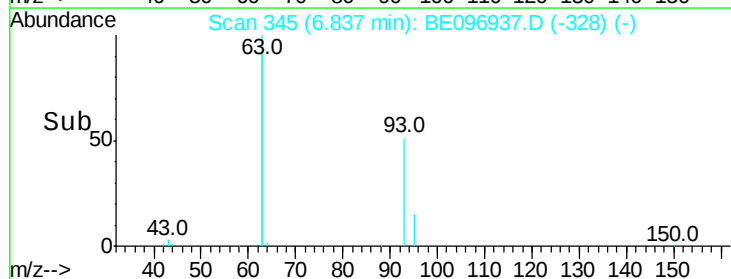
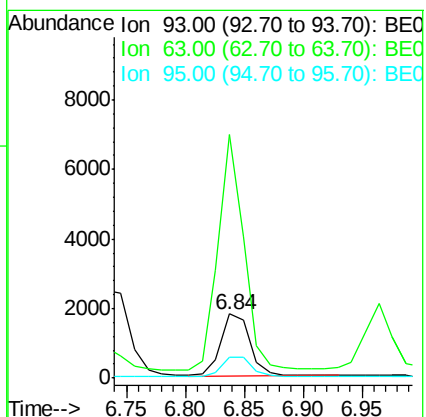
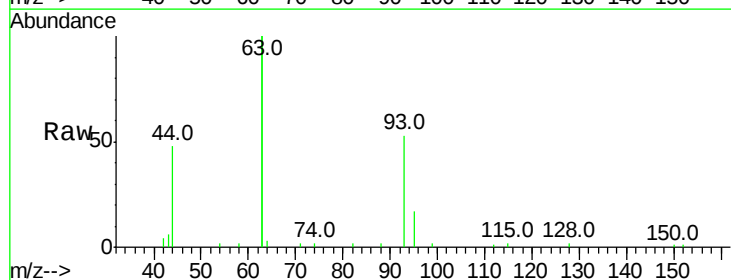
Tgt Ion: 93 Resp: 3030

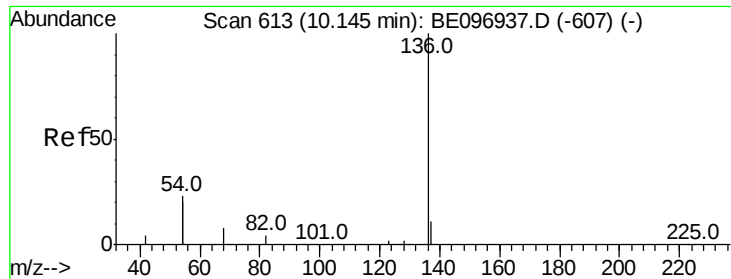
Ion Ratio Lower Upper

93 100

63 334.7 275.3 412.9

95 32.1 25.2 37.8





#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

Tot Ion:136 Resp: 11920

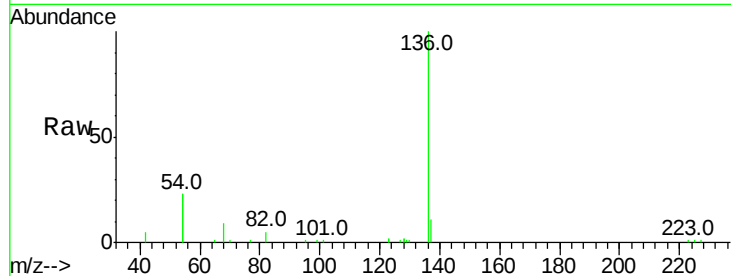
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 46.4 29.1 43.7#

68 8.8 6.2 9.2

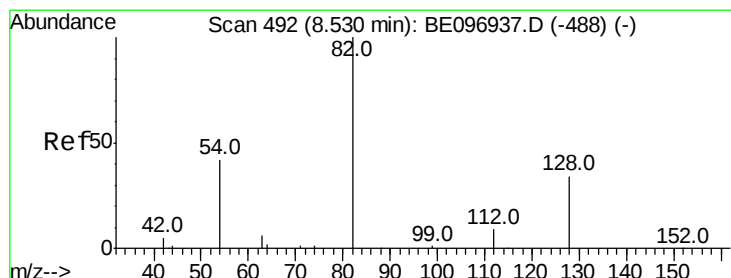
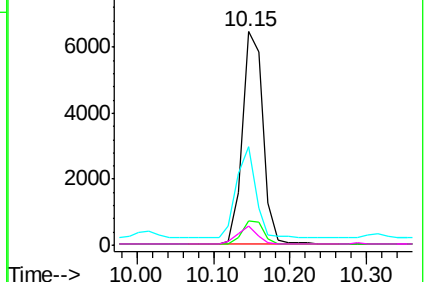
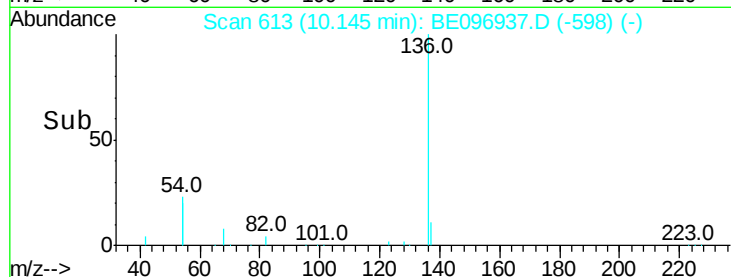


Abundance Ion 136.00 (135.70 to 136.70): E

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

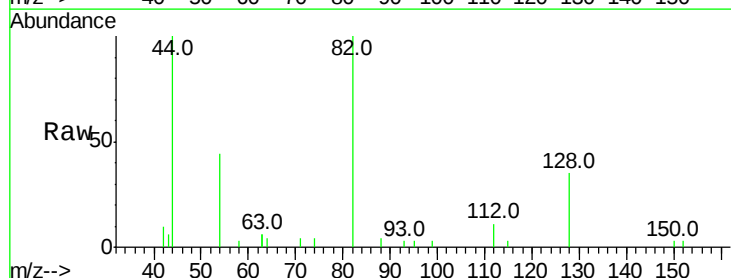
Tgt Ion: 82 Resp: 3227

Ion Ratio Lower Upper

82 100

128 35.6 24.0 36.0

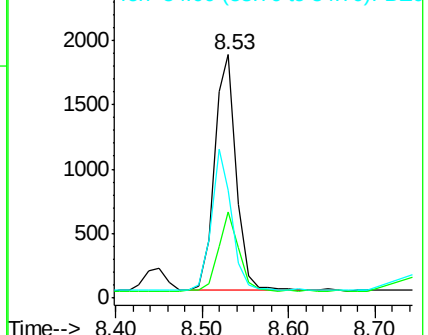
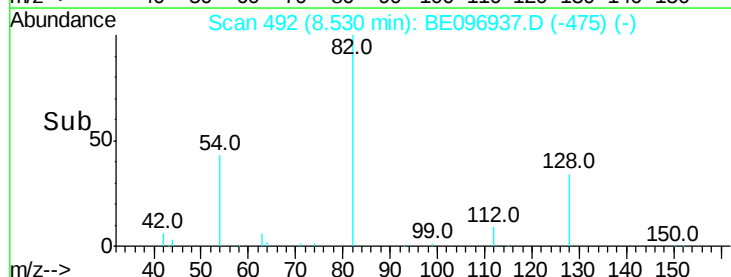
54 44.4 40.0 60.0



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

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

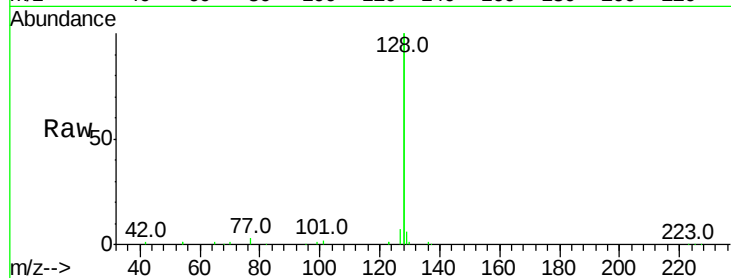
Tot Ion:128 Resp: 40615

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

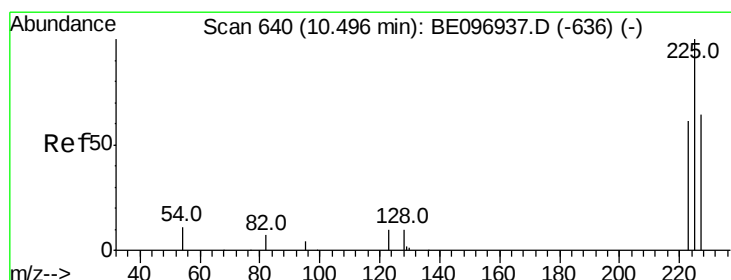
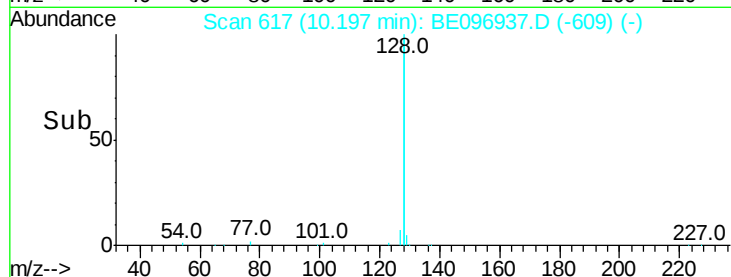
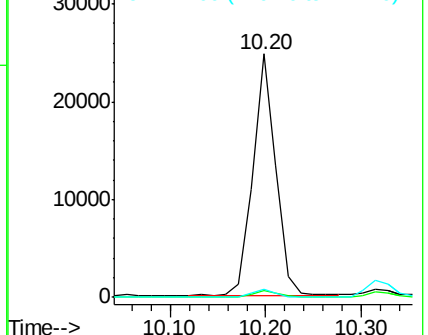
127 3.5 2.8 4.2



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

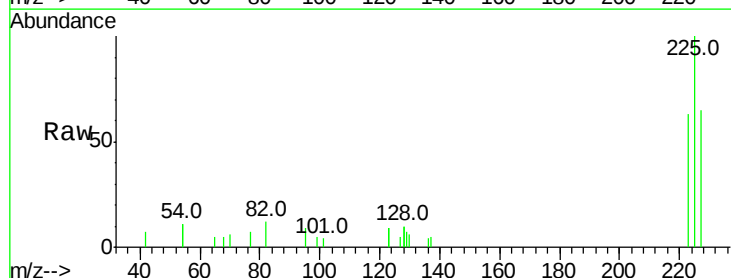
Tgt Ion:225 Resp: 1641

Ion Ratio Lower Upper

225 100

223 61.8 53.0 79.6

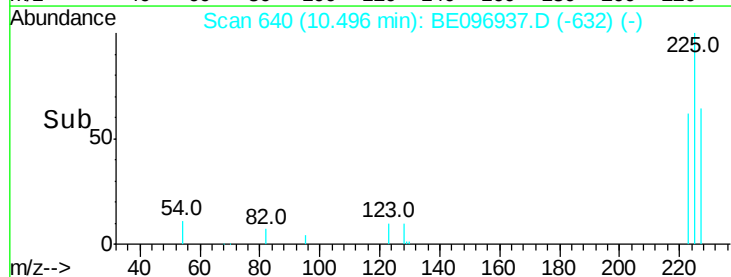
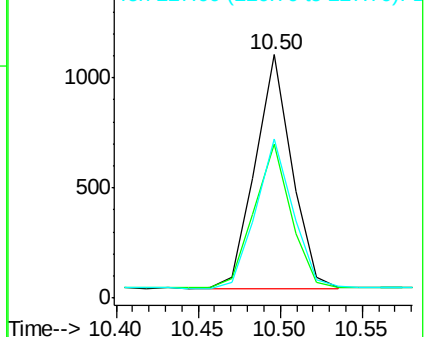
227 64.5 51.4 77.2



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 :

BNA_E

ClientSampleId :

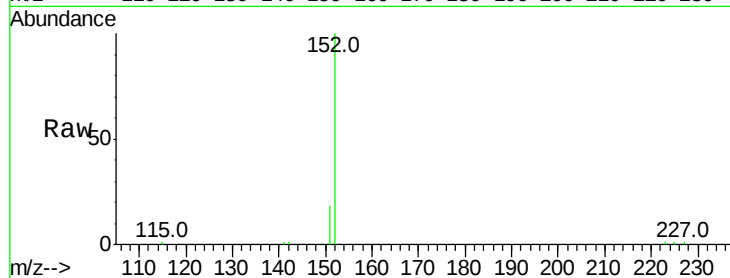
SSTDICCC0.4

Tot 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

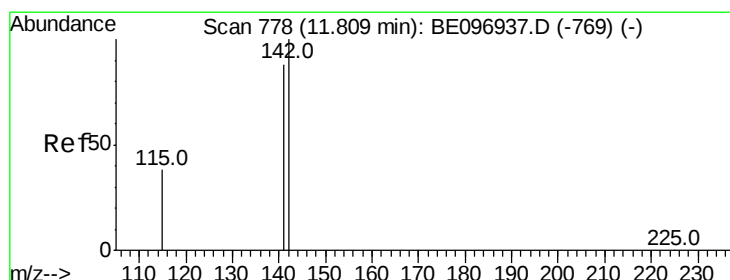
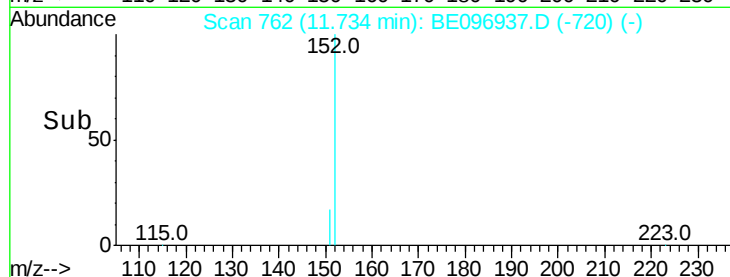
3000

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

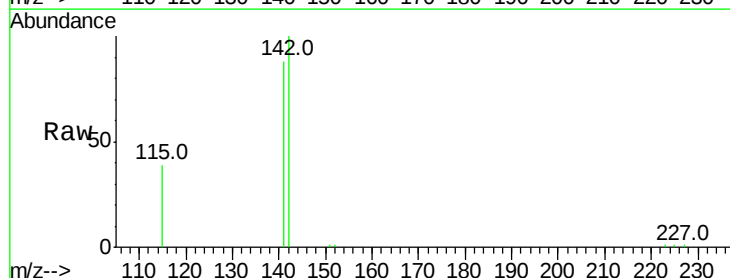
Tgt Ion:142 Resp: 6906

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

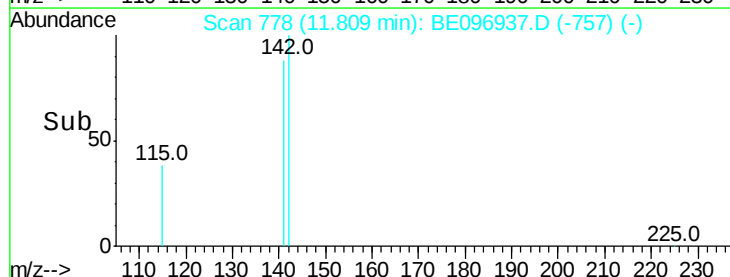
3000

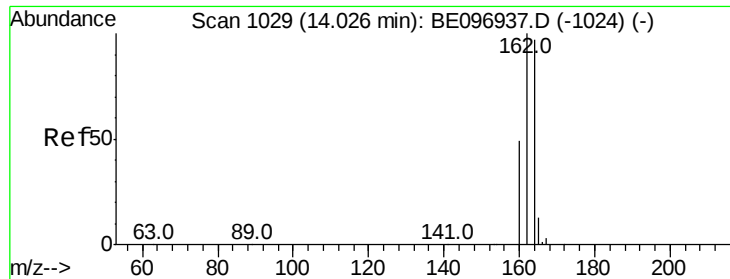
2000

1000

0

Time--> 11.80 11.90

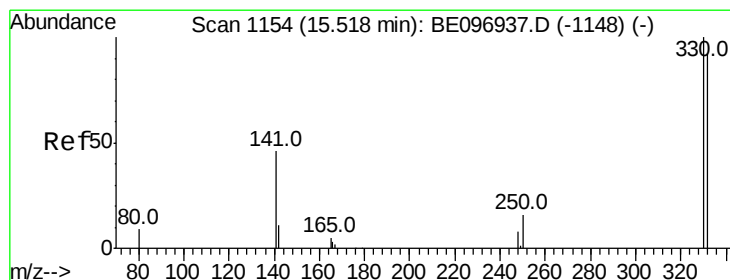
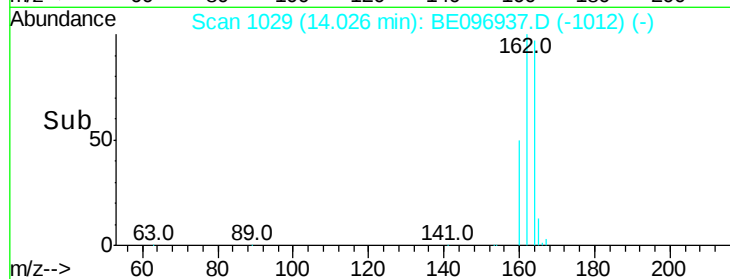
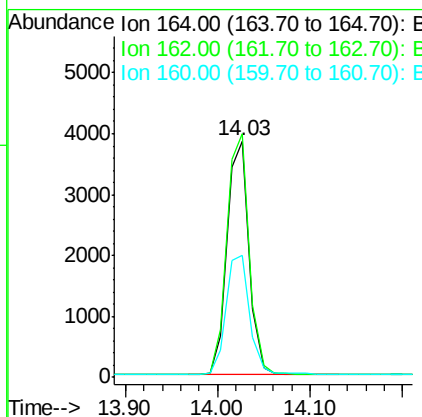
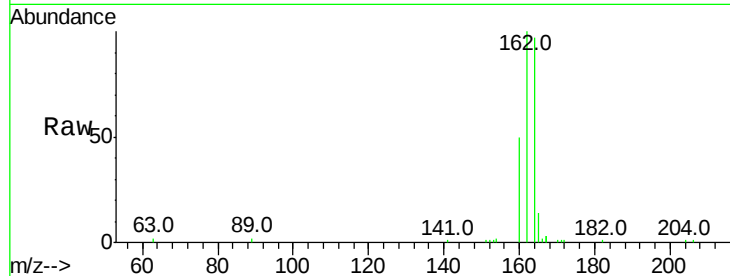




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.03 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BE096937.D
 Acq: 16 Jul 2018 13:37

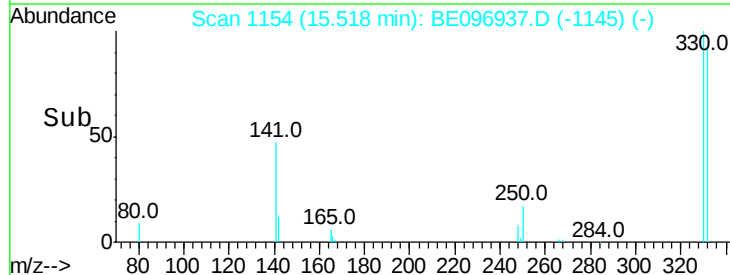
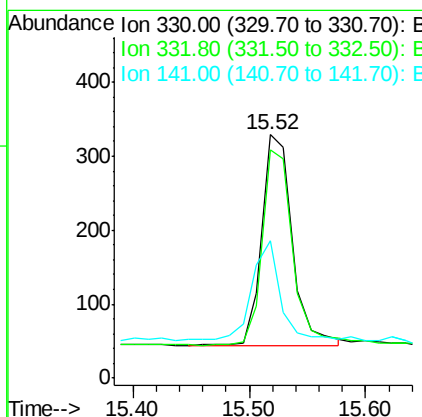
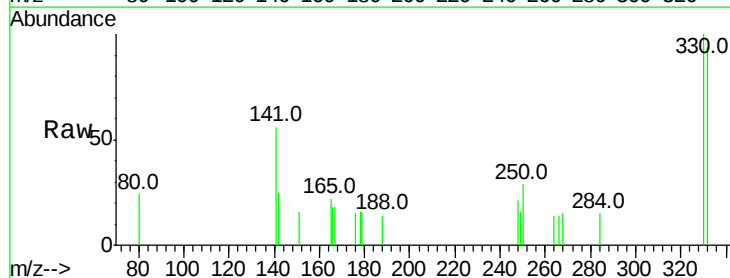
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

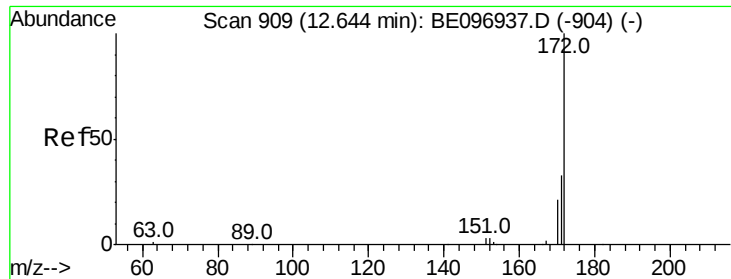
Tot Ion:164 Resp: 6308
 Ion Ratio Lower Upper
 164 100
 162 102.9 83.1 124.7
 160 51.5 37.1 55.7



#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

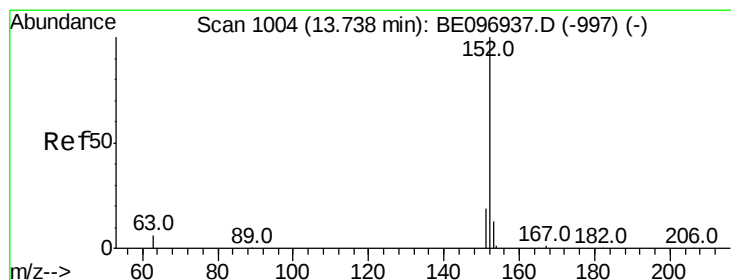
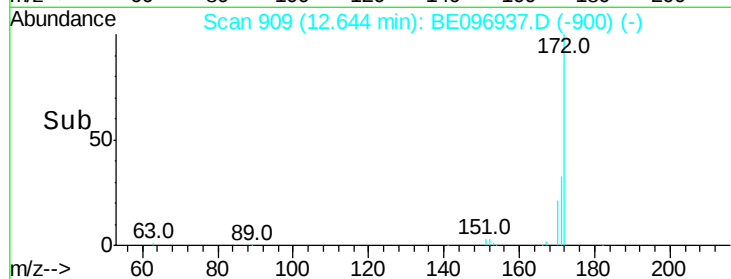
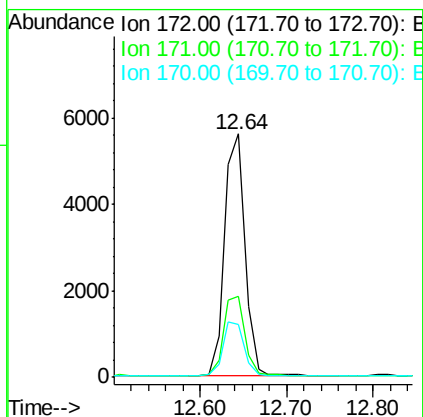
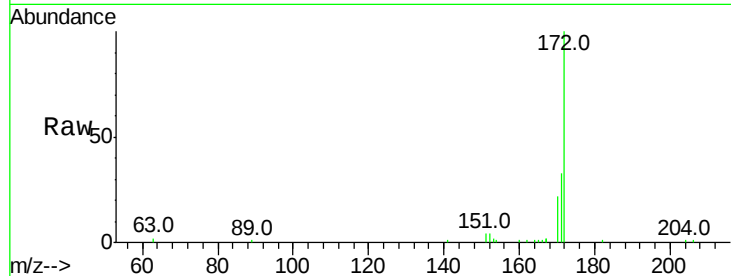




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

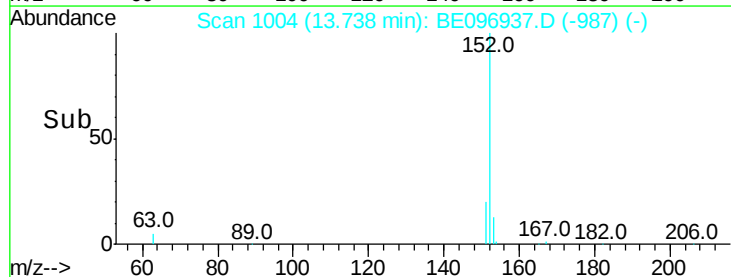
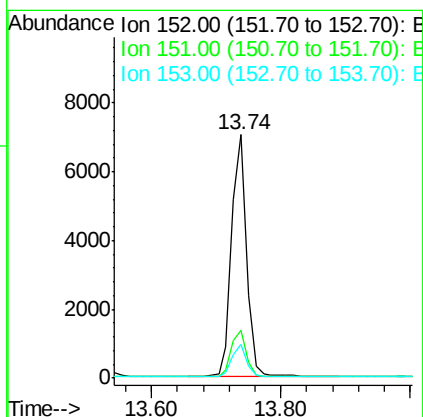
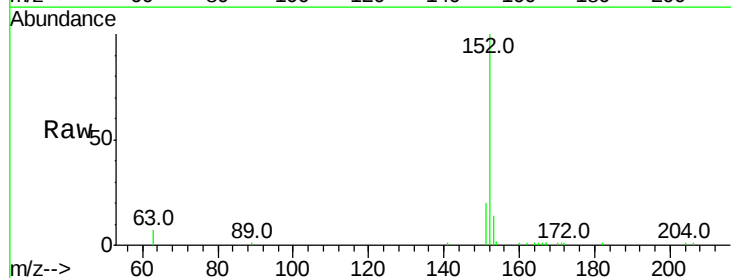
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

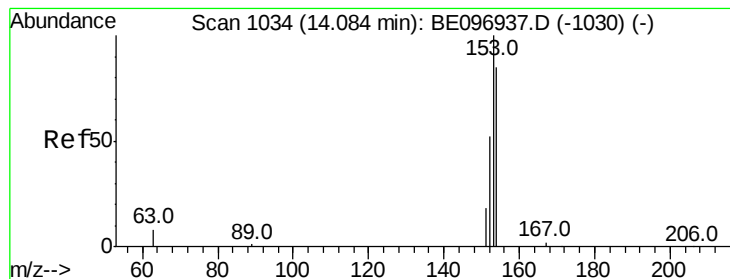
Tot Ion:172 Resp: 9173
Ion Ratio Lower Upper
172 100
171 33.3 29.9 44.9
170 21.7 21.8 32.8#



#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

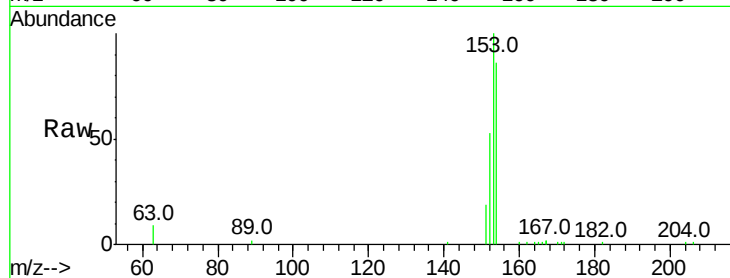
Tot Ion:154 Resp: 6855

Ion Ratio Lower Upper

154 100

153 115.7 89.2 133.8

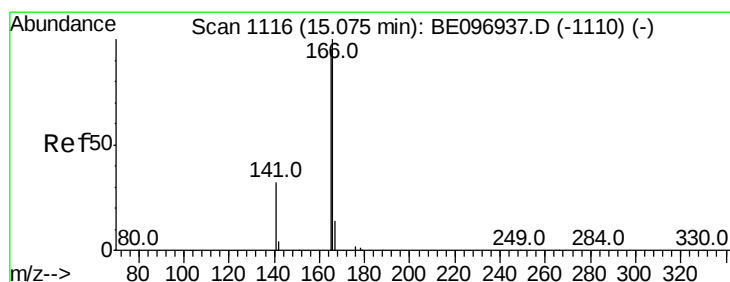
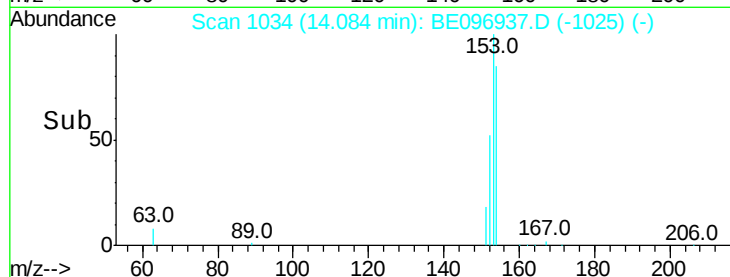
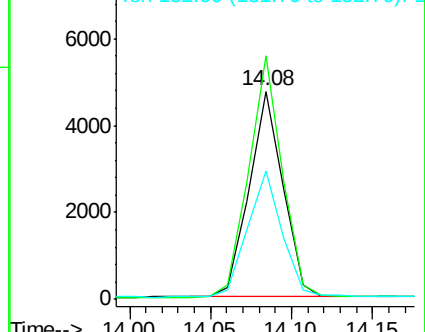
152 63.2 42.0 63.0#



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

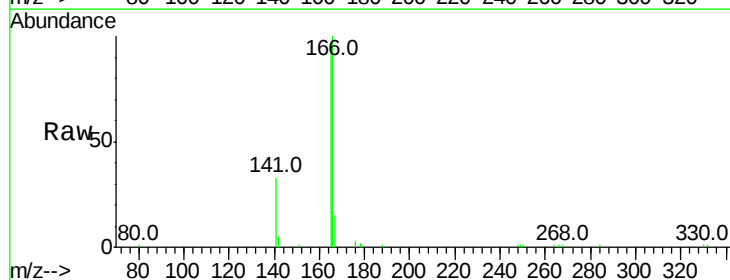
Tgt Ion:166 Resp: 7608

Ion Ratio Lower Upper

166 100

165 95.8 77.8 116.6

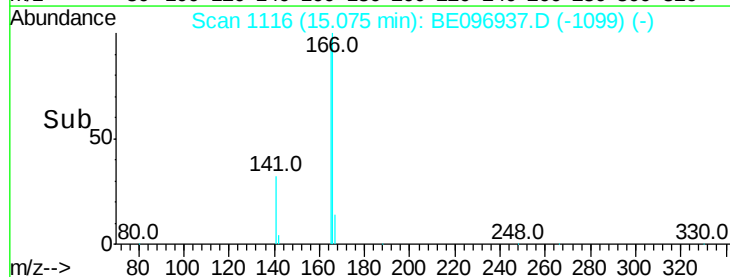
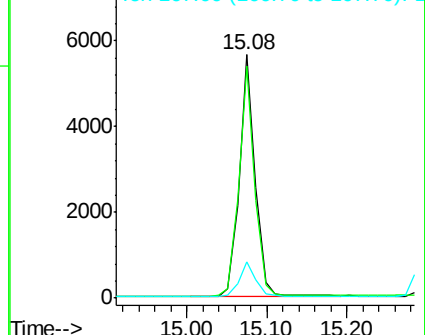
167 14.7 42.4 63.6#

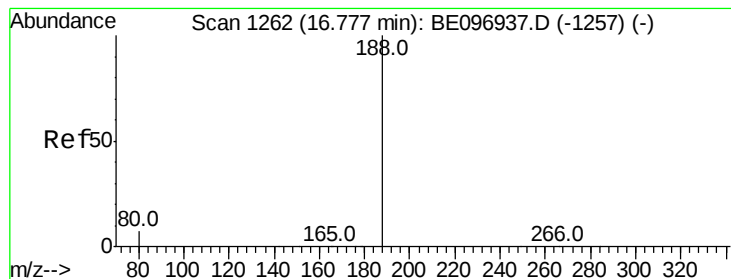


Abundance Ion 166.00 (165.70 to 166.70): E

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

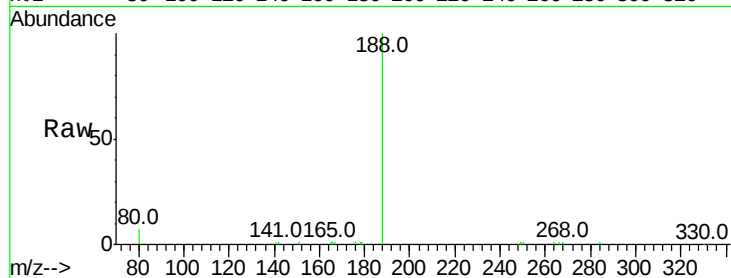
Tot Ion:188 Resp: 14805

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

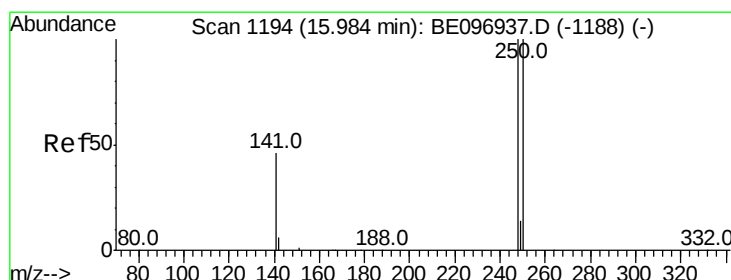
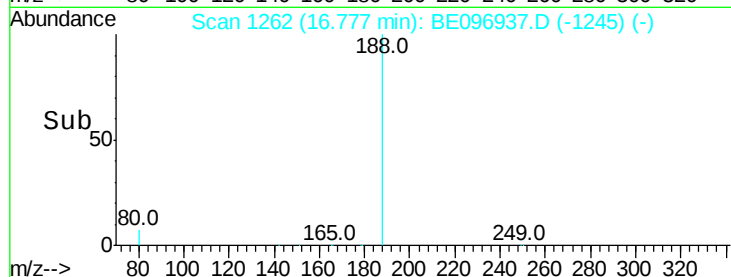
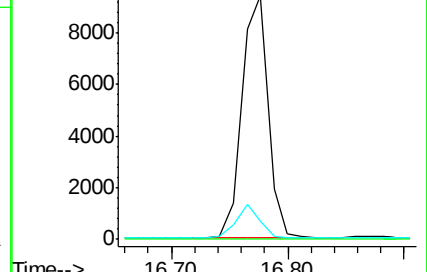
80 7.3 3.6 5.4#



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

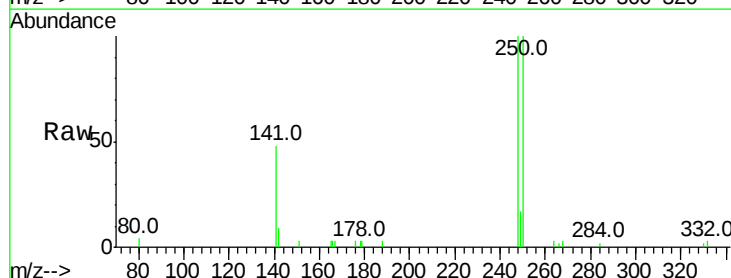
Tgt Ion:248 Resp: 2643

Ion Ratio Lower Upper

248 100

250 100.2 62.7 94.1#

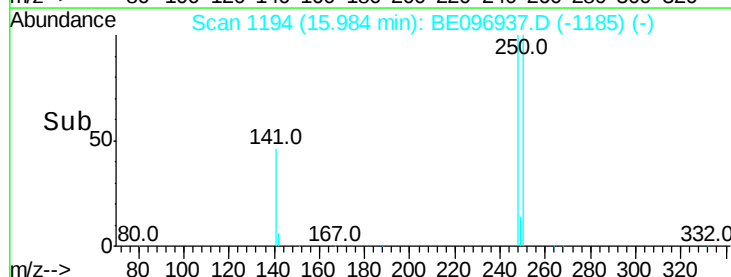
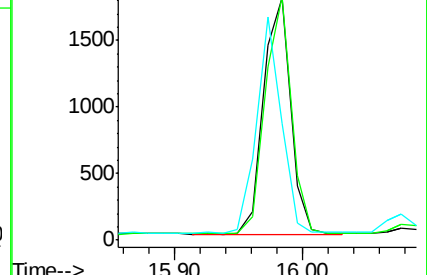
141 48.3 48.2 72.2

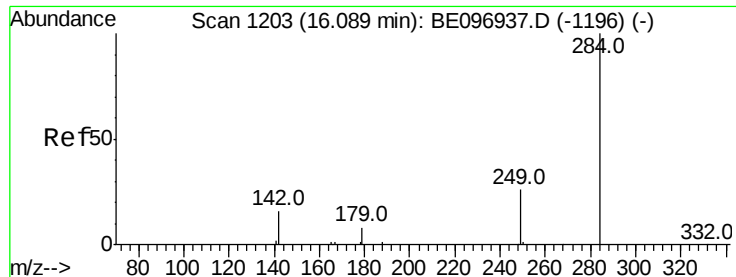


Abundance Ion 248.00 (247.70 to 248.70): E

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

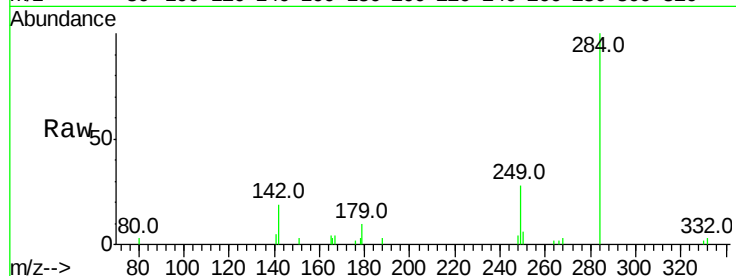
Tot Ion:284 Resp: 2997

Ion Ratio Lower Upper

284 100

142 39.6 22.1 33.1#

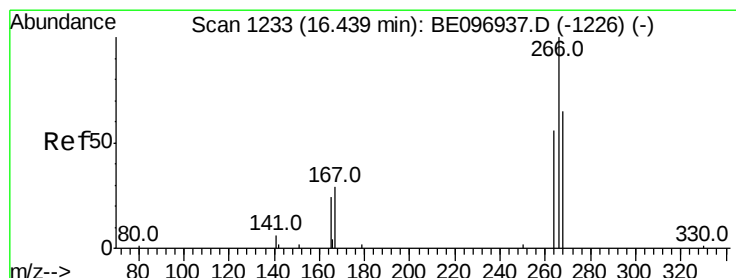
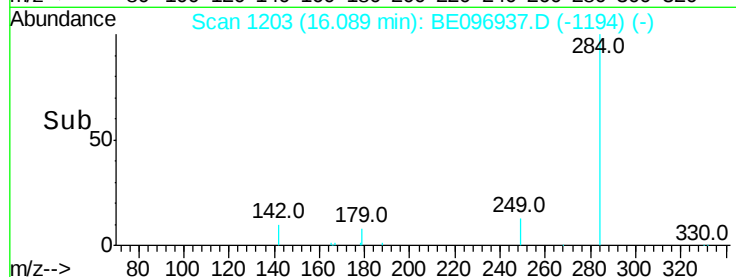
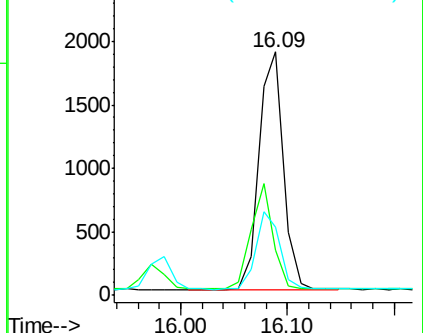
249 31.8 34.8 52.2#



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: 0.406 ng

RT: 16.44 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

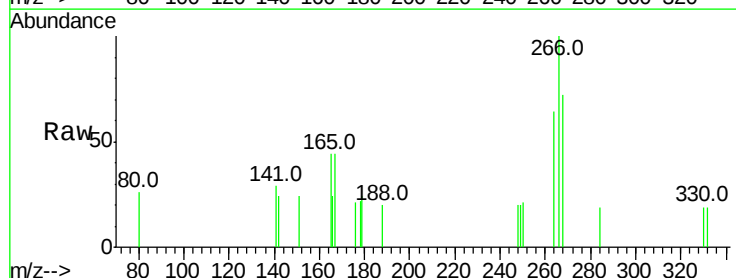
Tgt Ion:266 Resp: 450

Ion Ratio Lower Upper

266 100

264 63.9 72.5 108.7#

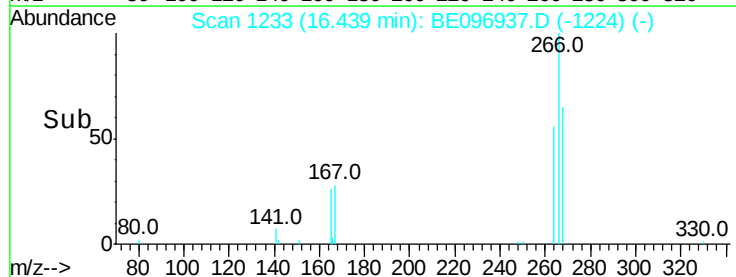
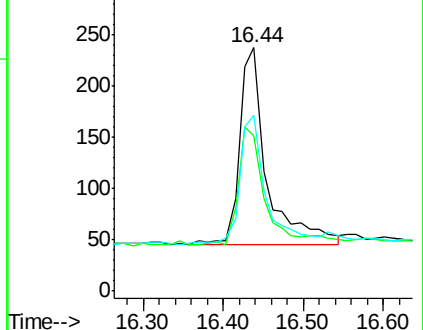
268 72.3 73.8 110.6#



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

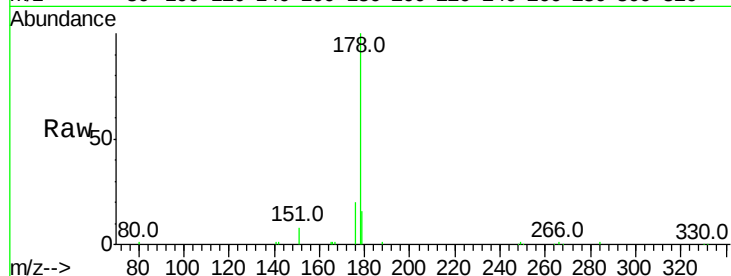
Tot Ion:178 Resp: 13537

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

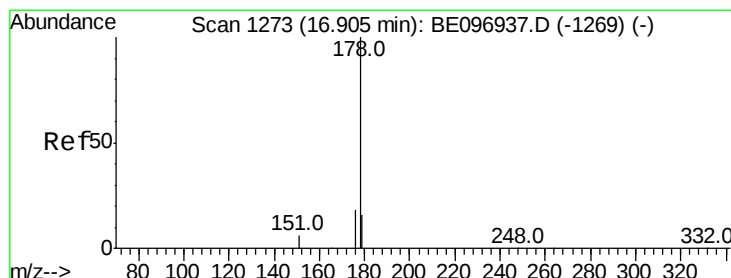
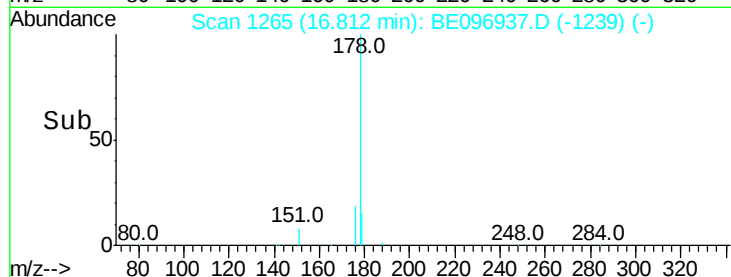
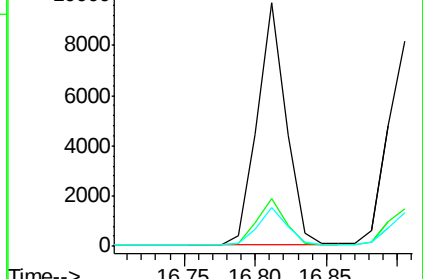
179 15.5 11.8 17.6



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

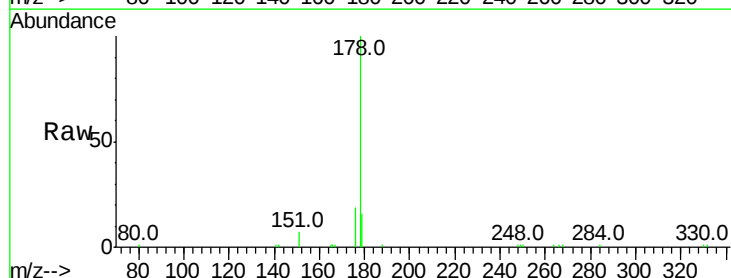
Tgt Ion:178 Resp: 11503

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

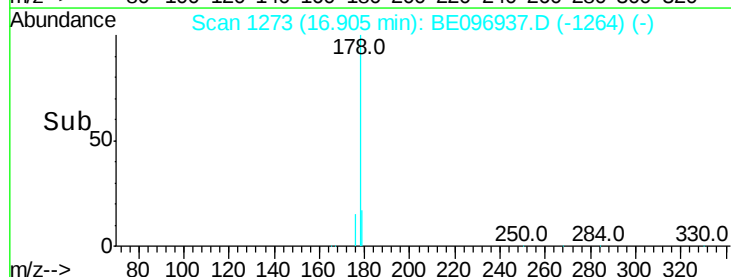
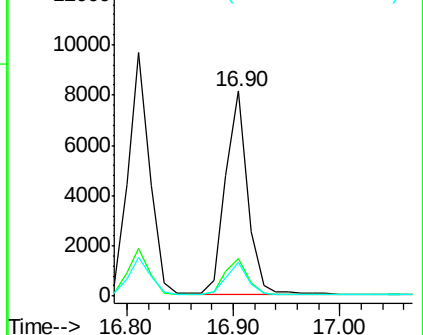
179 15.2 13.0 19.6

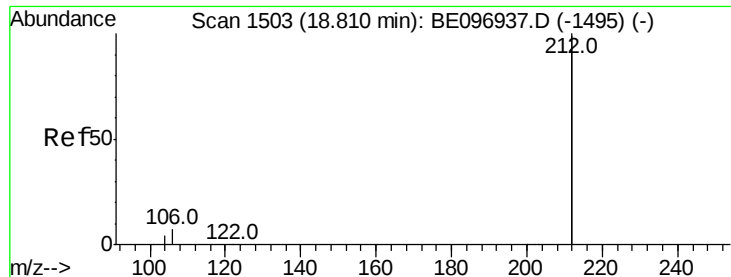


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

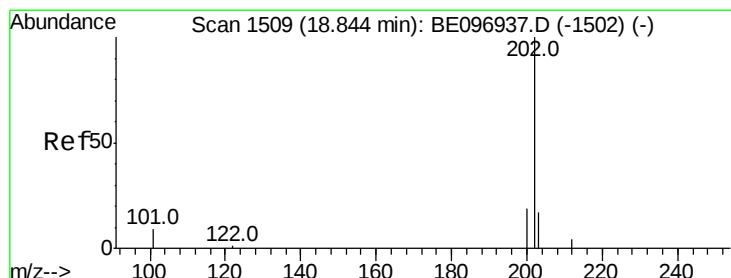
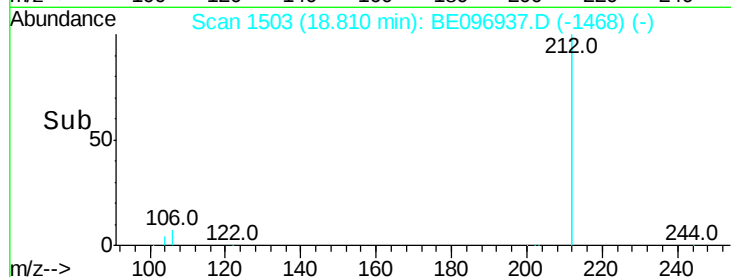
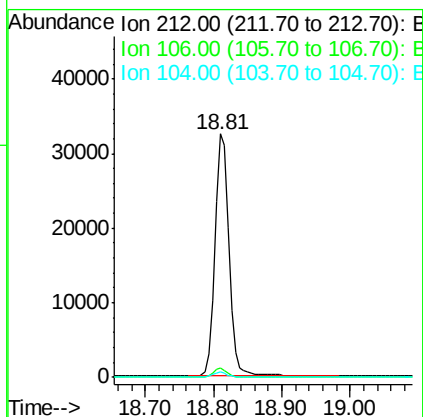
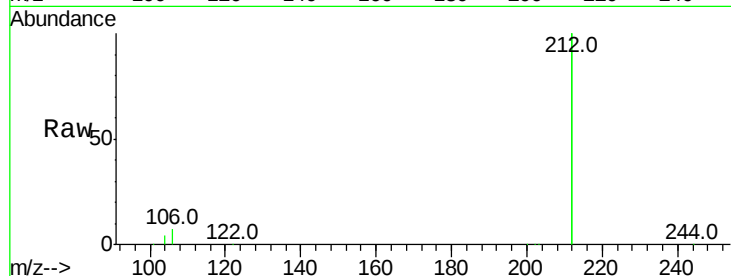




#25
Fluoranthene-d10
Concen: 0.368 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

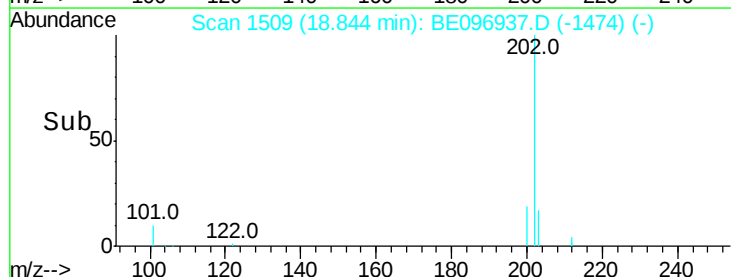
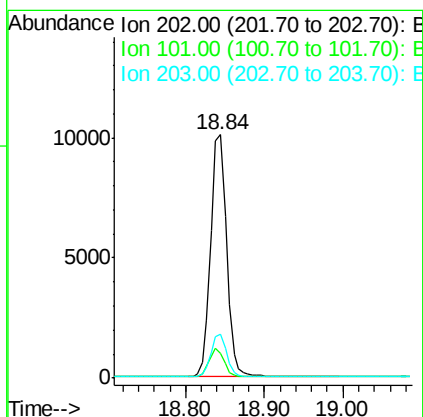
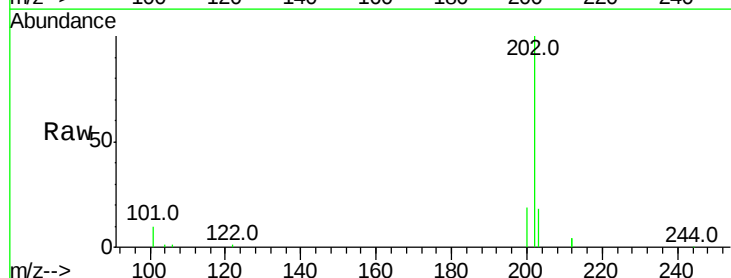
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot 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

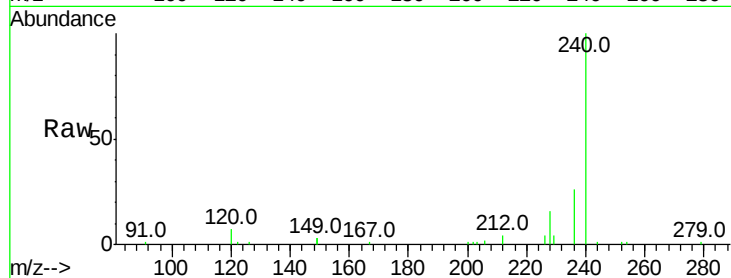
Tot Ion:240 Resp: 11921

Ion Ratio Lower Upper

240 100

120 7.0 5.5 8.3

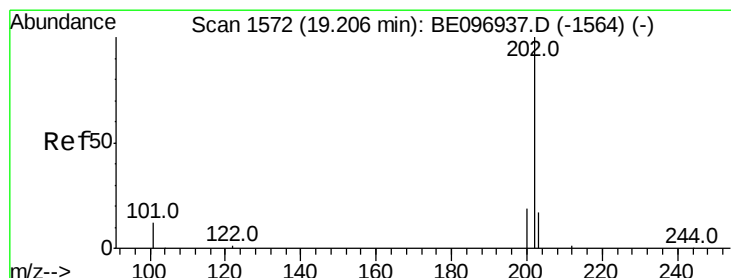
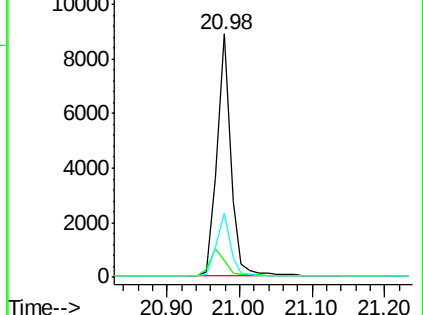
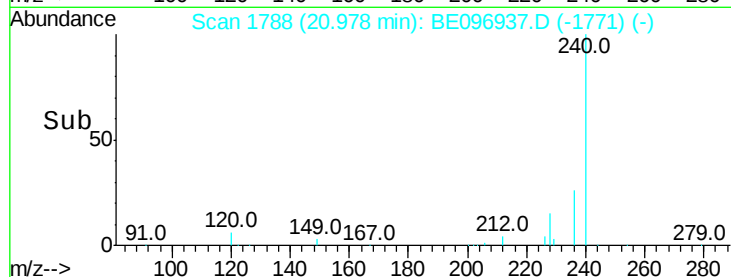
236 26.4 20.7 31.1



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

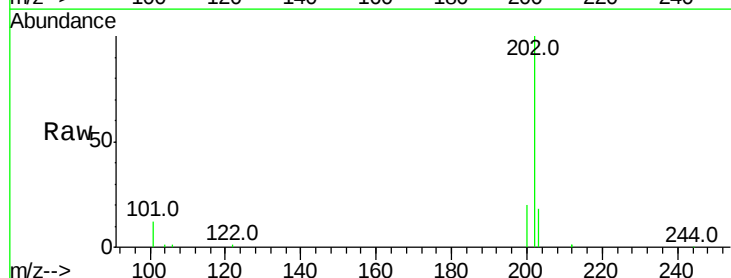
Tgt Ion:202 Resp: 13573

Ion Ratio Lower Upper

202 100

200 19.5 16.6 25.0

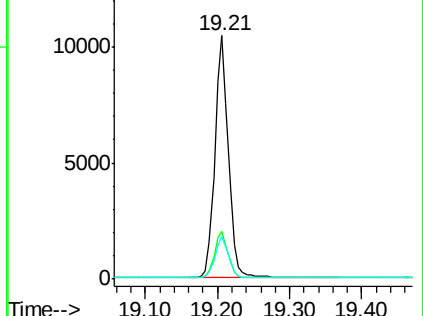
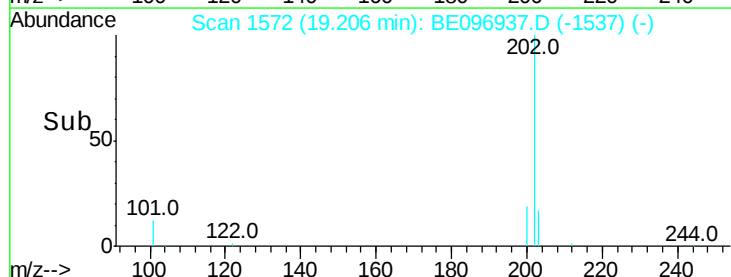
203 17.5 13.8 20.8

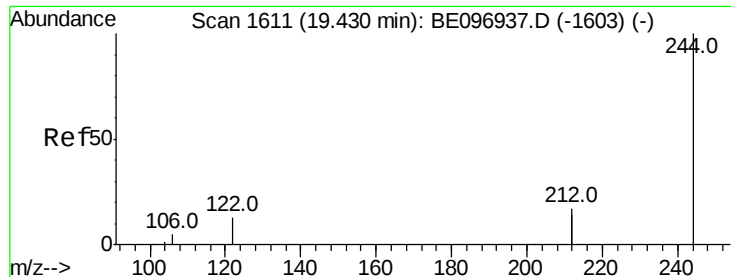


Abundance Ion 202.00 (201.70 to 202.70): E

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

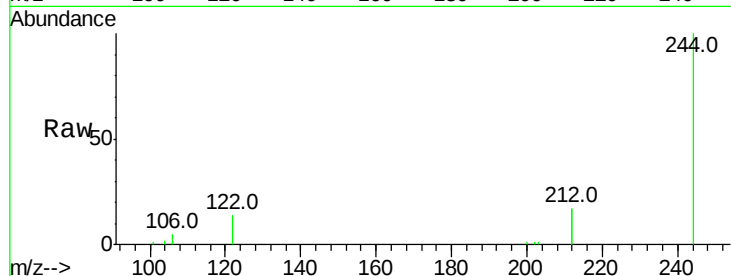
Tot Ion:244 Resp: 8748

Ion Ratio Lower Upper

244 100

212 33.9 25.4 38.0

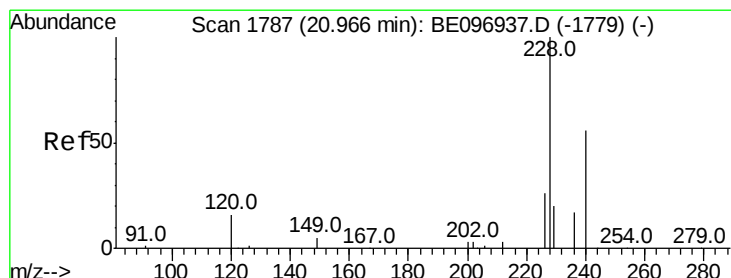
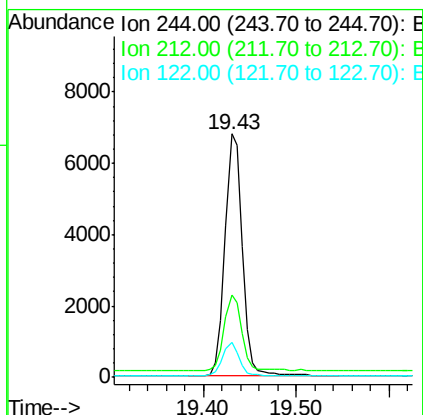
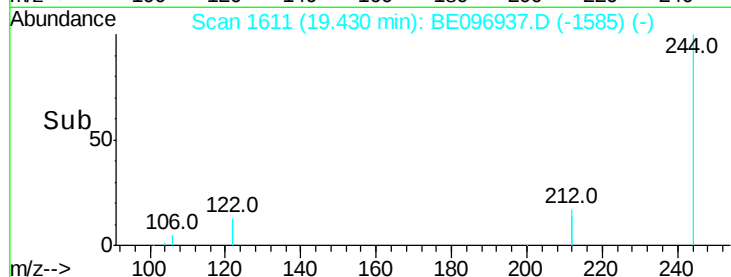
122 14.1 8.1 12.1#



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

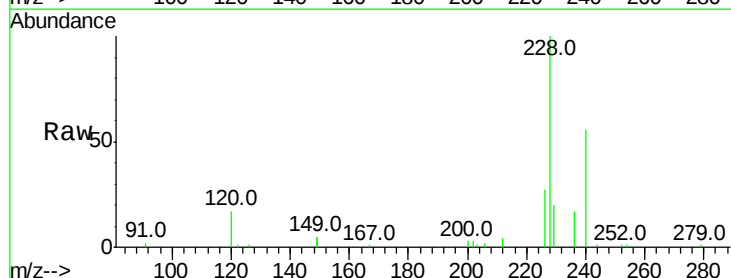
Tgt Ion:228 Resp: 10367

Ion Ratio Lower Upper

228 100

226 26.9 24.0 36.0

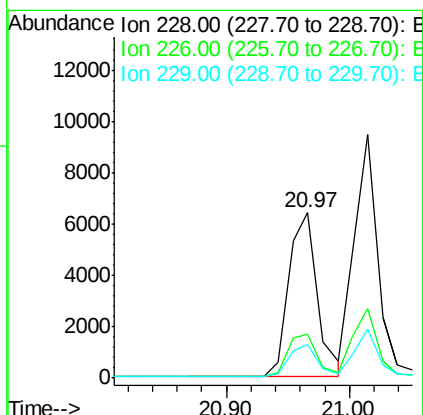
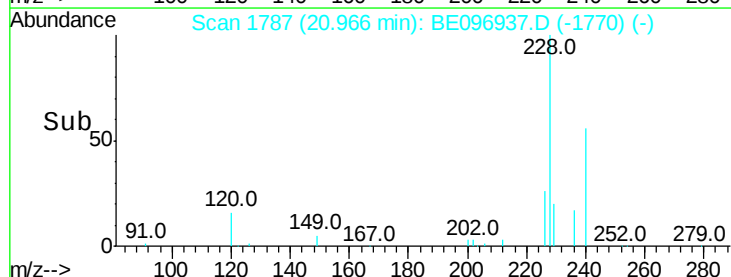
229 20.3 16.0 24.0

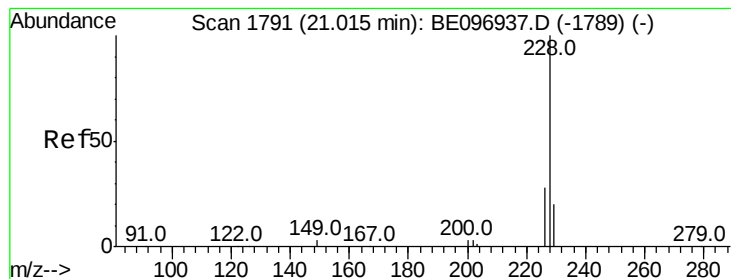


Abundance Ion 228.00 (227.70 to 228.70): E

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

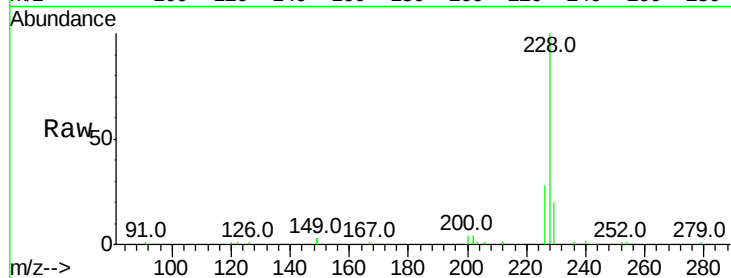
Tot Ion:228 Resp: 12393

Ion Ratio Lower Upper

228 100

226 28.5 24.0 36.0

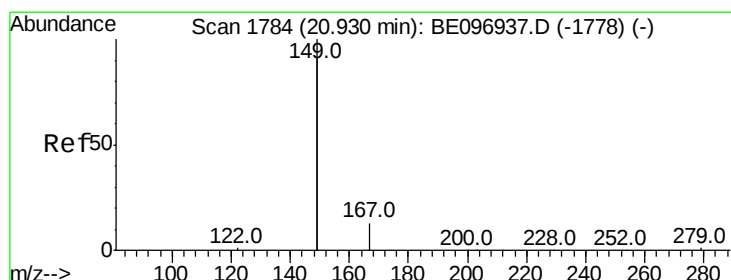
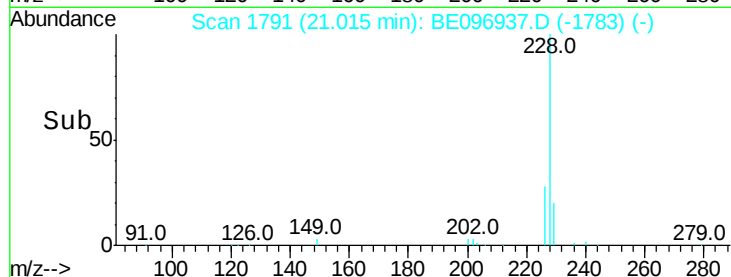
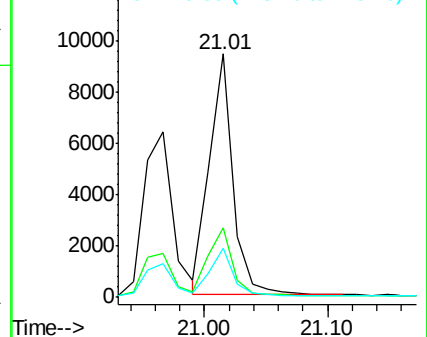
229 20.1 16.0 24.0



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

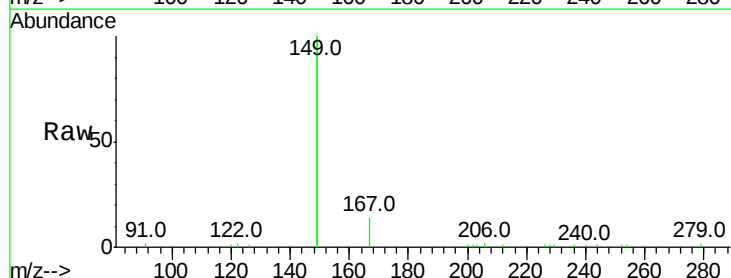
Tgt Ion:149 Resp: 9835

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

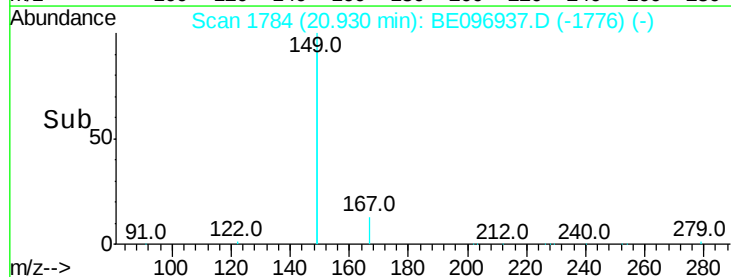
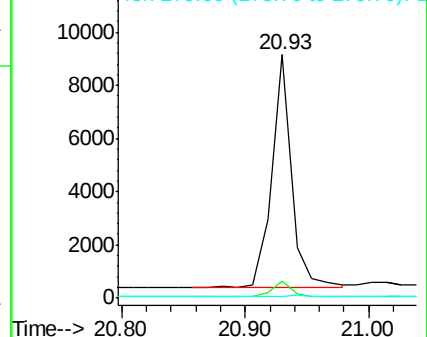
279 0.9 0.7 1.1

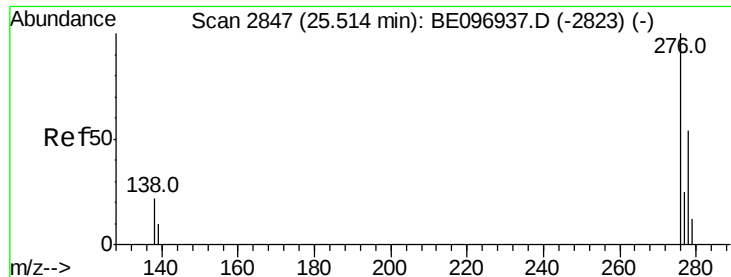


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.356 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

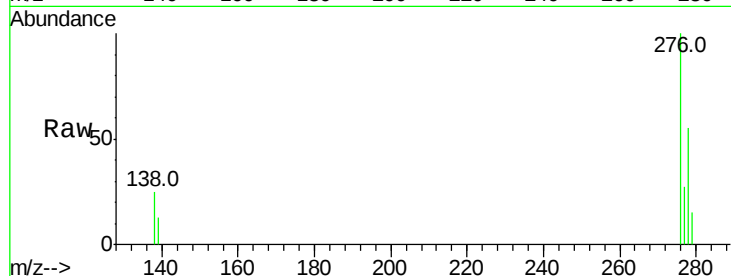
Tot Ion:276 Resp: 8248

Ion Ratio Lower Upper

276 100

138 7.6 22.5 33.7#

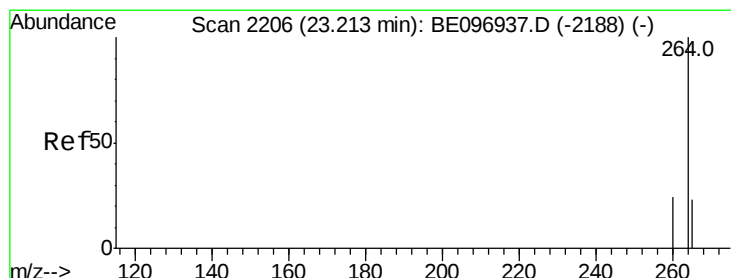
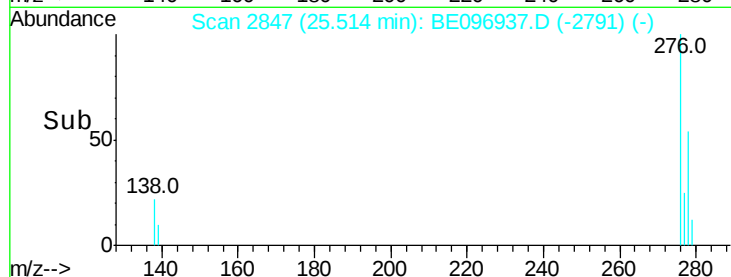
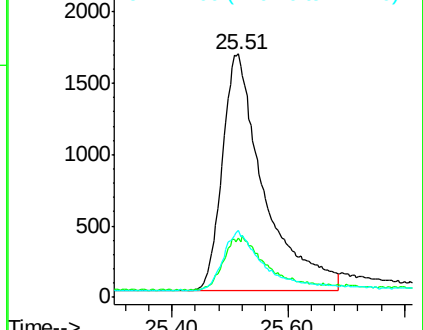
277 24.4 19.9 29.9



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

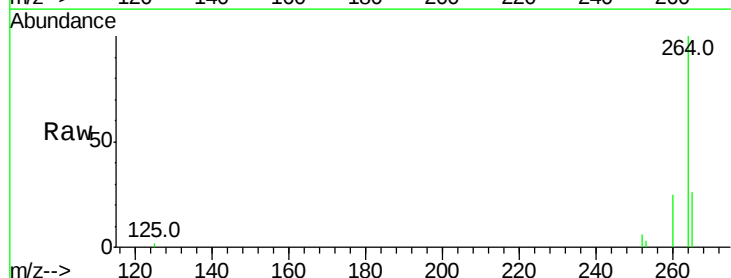
Tgt Ion:264 Resp: 9854

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

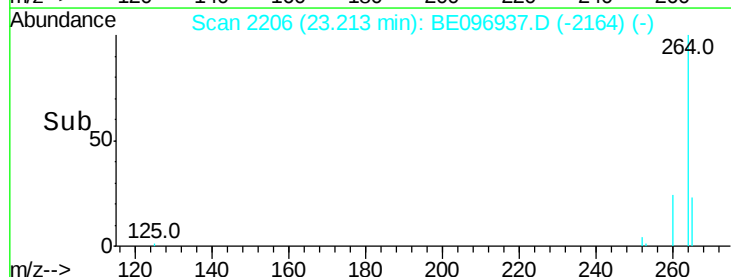
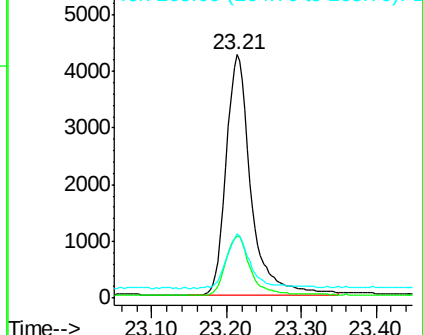
265 26.3 22.8 34.2

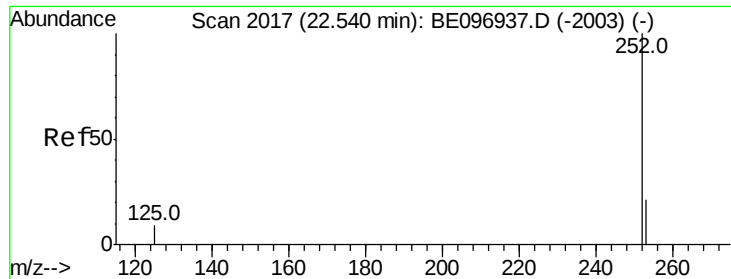


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

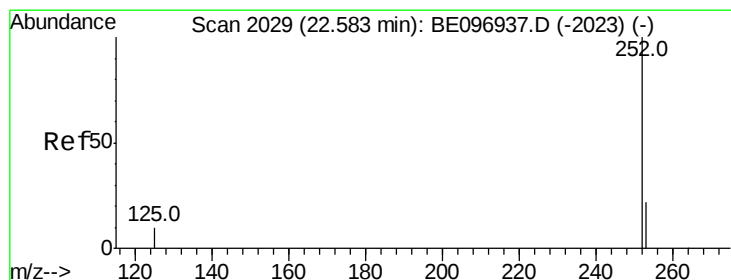
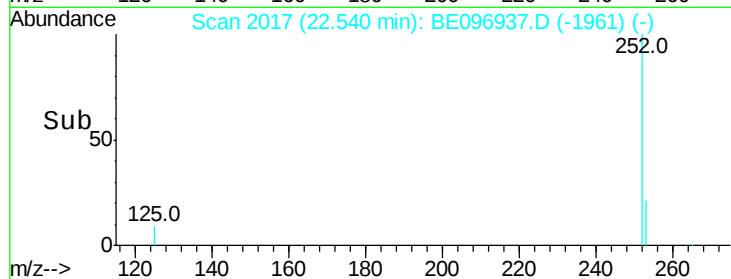
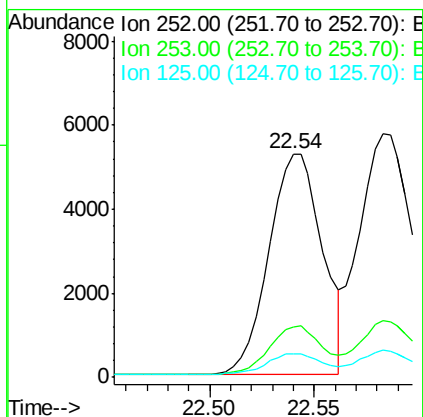
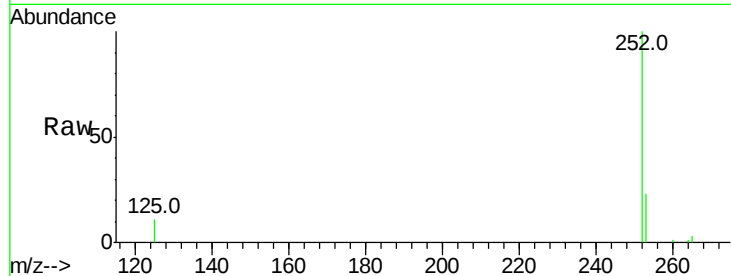




#35
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 22.54 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

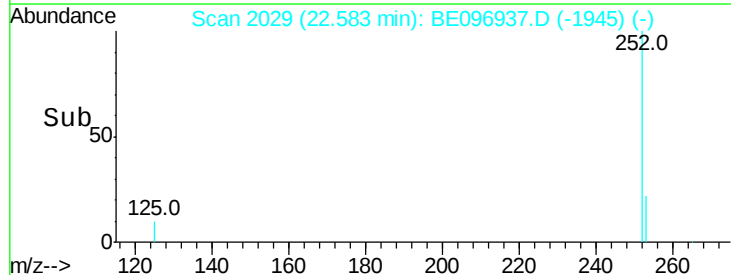
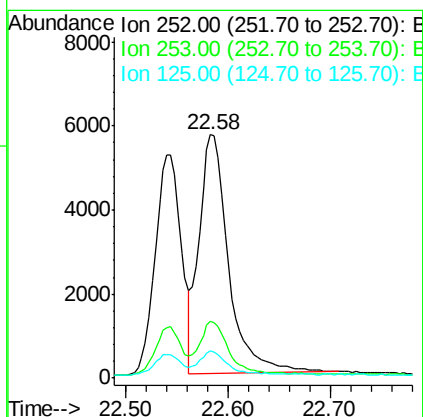
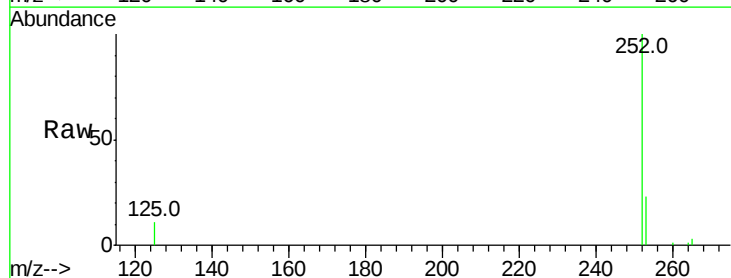
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot 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: 0.385 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

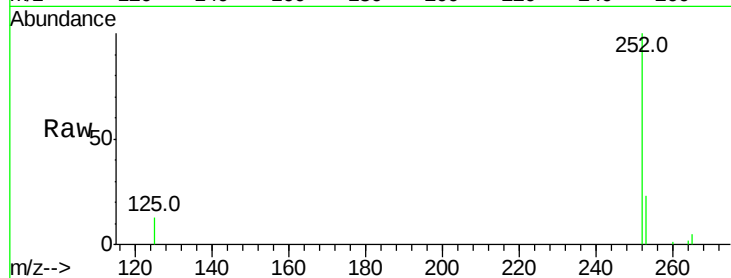
Tot Ion:252 Resp: 8124

Ion Ratio Lower Upper

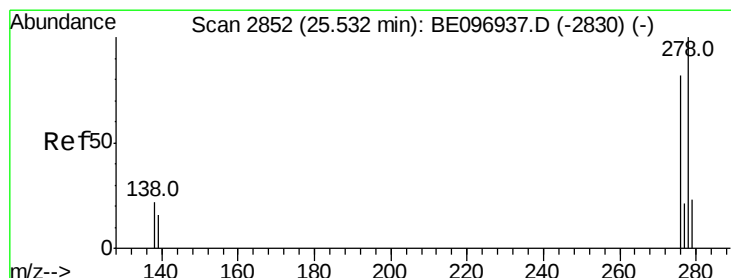
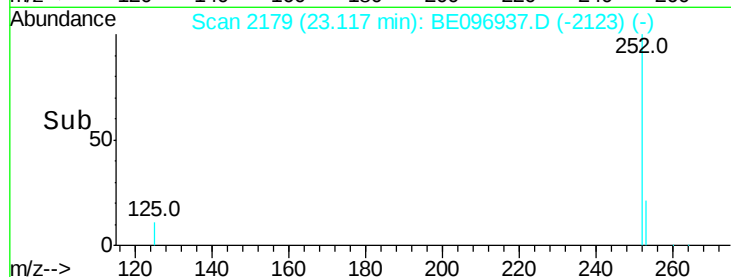
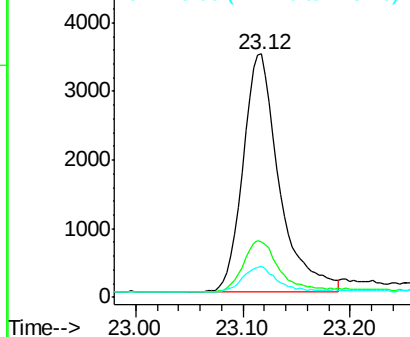
252 100

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: 0.381 ng

RT: 25.53 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BE096937.D

Acq: 16 Jul 2018 13:37

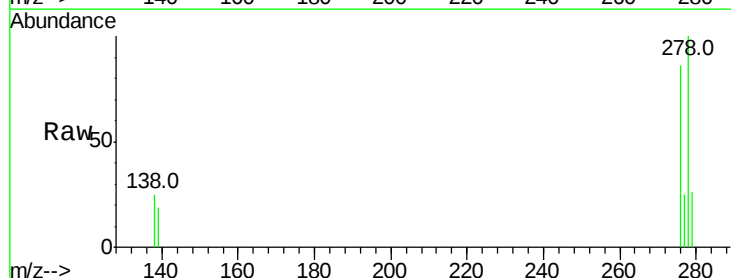
Tgt Ion:278 Resp: 6475

Ion Ratio Lower Upper

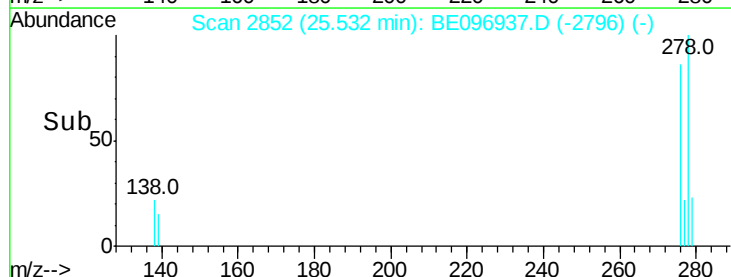
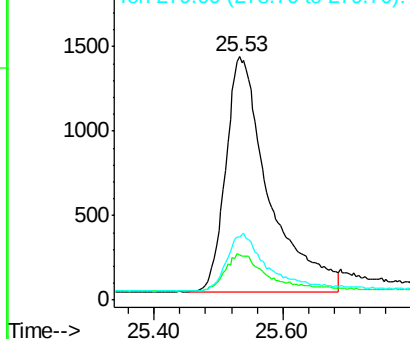
278 100

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(a,h,i)perylene

Concen: 0.361 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

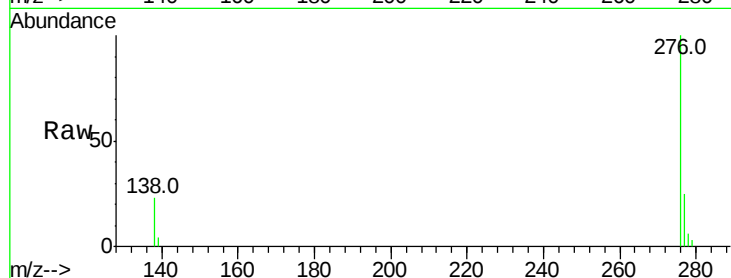
Tot Ion:276 Resp: 7390

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

