

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
 Data File : BE096306.D
 Acq On : 2 May 2018 22:35
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 03 01:54:35 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	1088	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	4136	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	2257	0.40	ng	-0.01
19) Phenanthrene-d10	17.65	188	5388	0.40	ng	0.00
27) Chrysene-d12	21.74	240	5375	0.40	ng	0.00
34) Perylene-d12	24.35	264	5040	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	1224	0.36	ng	0.00
5) Phenol-d6	7.52	99	1723	0.37	ng	0.00
8) Nitrobenzene-d5	9.54	82	1836	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	2399	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	336	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3733	0.39	ng	0.00
25) Fluoranthene-d10	19.63	212	26066	0.36	ng	0.00
29) Terphenyl-d14	20.19	244	4470	0.38	ng	0.00

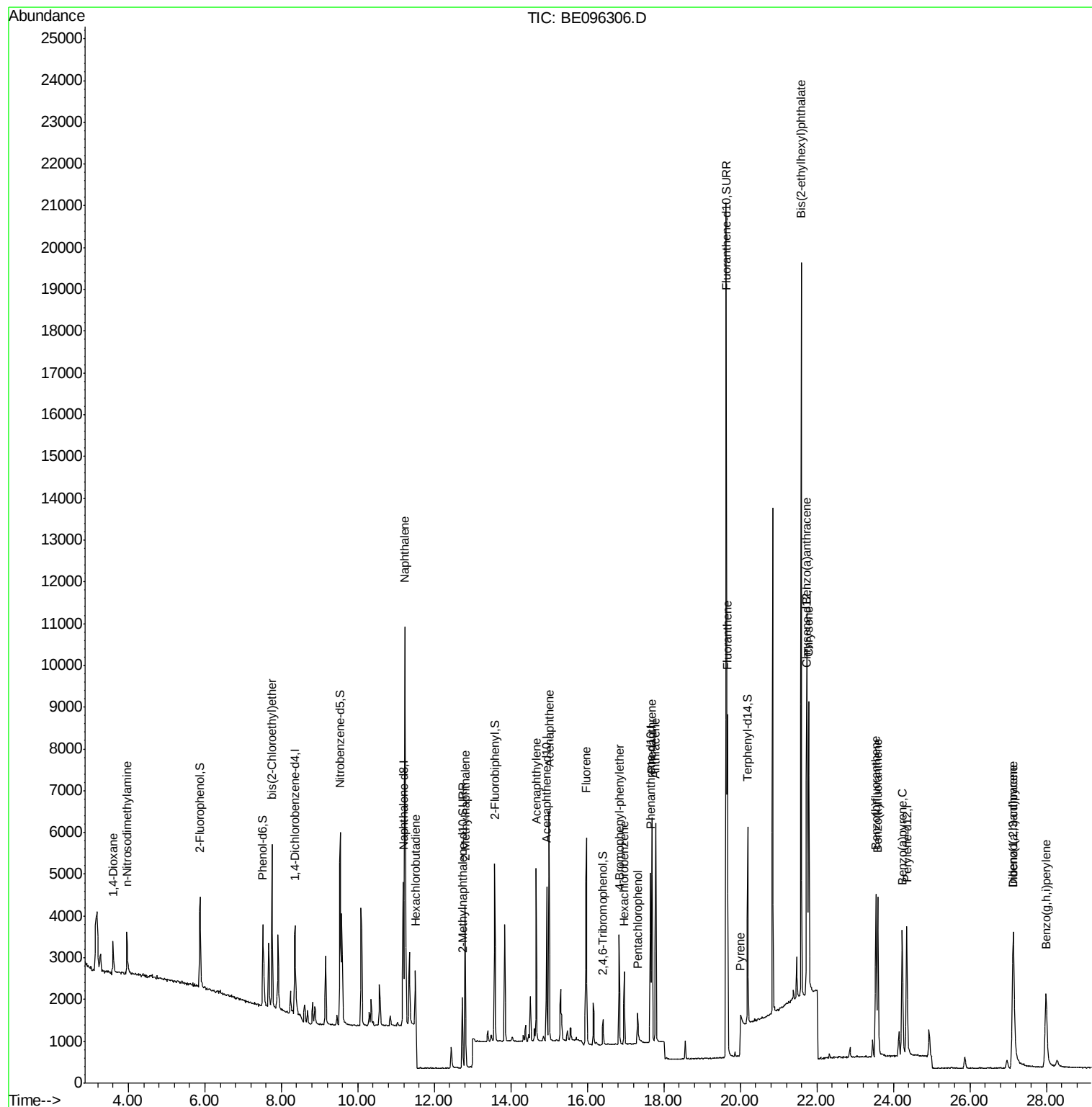
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.61	88	568	0.338	ng	97
3) n-Nitrosodimethylamine	3.97	42	851	0.413	ng	# 70
6) bis(2-Chloroethyl)ether	7.76	93	1437	0.352	ng	96
9) Naphthalene	11.23	128	16333	0.375	ng	99
10) Hexachlorobutadiene	11.50	225	549	0.284	ng	88
12) 2-Methylnaphthalene	12.80	142	2697	0.374	ng	94
16) Acenaphthylene	14.67	152	4702	0.390	ng	100
17) Acenaphthene	15.00	154	2751	0.380	ng	93
18) Fluorene	15.97	166	4215	0.470	ng	# 71
20) 4-Bromophenyl-phenylether	16.83	248	1207	0.377	ng	# 75
21) Hexachlorobenzene	16.96	284	1245	0.390	ng	# 79
22) Pentachlorophenol	17.31	266	503	0.477	ng	# 78
23) Phenanthrene	17.68	178	5863	0.387	ng	99
24) Anthracene	17.78	178	5499	0.380	ng	94
26) Fluoranthene	19.66	202	7273	0.366	ng	# 97
28) Pyrene	20.00	202	717	0.068	ng	94
30) Benzo(a)anthracene	21.73	228	6403	0.371	ng	97
31) Chrysene	21.78	228	6591	0.396	ng	97
32) Bis(2-ethylhexyl)phthalate	21.60	149	18738	0.421	ng	100
33) Indeno(1,2,3-cd)pyrene	27.13	276	5509	0.341	ng	# 80
35) Benzo(b)fluoranthene	23.54	252	5796	0.383	ng	# 92
36) Benzo(k)fluoranthene	23.59	252	6251	0.402	ng	# 90
37) Benzo(a)pyrene	24.23	252	5482	0.377	ng	# 93
38) Dibenzo(a,h)anthracene	27.14	278	4281	0.334	ng	94
39) Benzo(g,h,i)perylene	27.99	276	4981	0.368	ng	# 93

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

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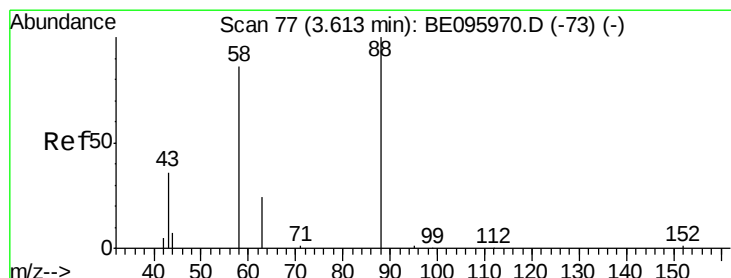
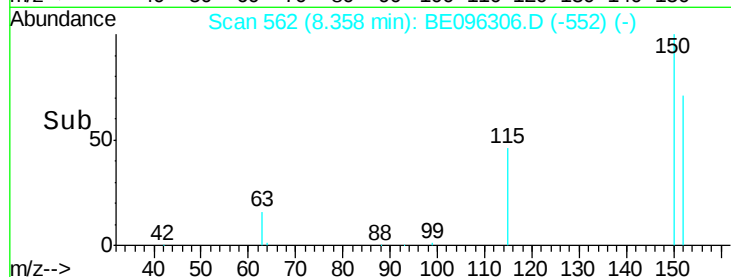
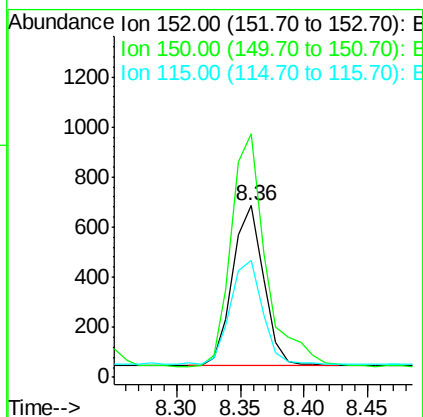
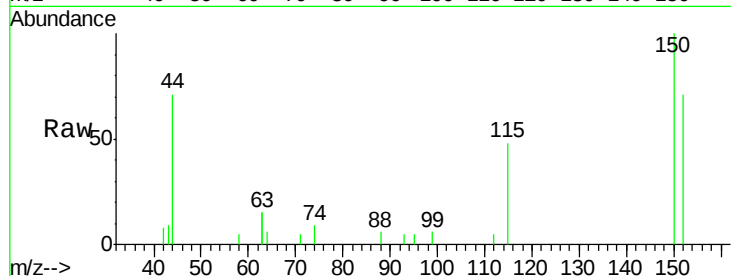


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

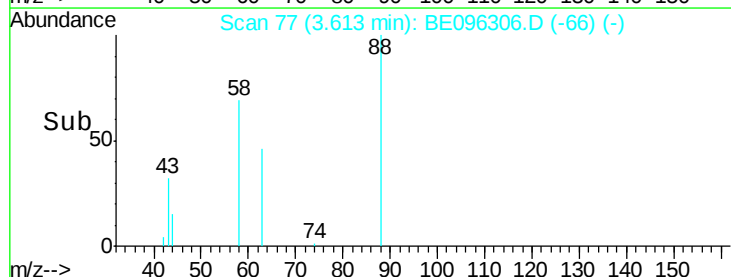
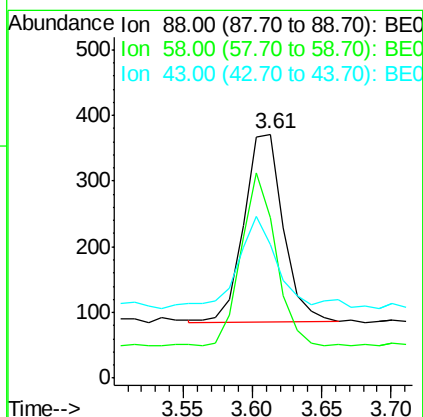
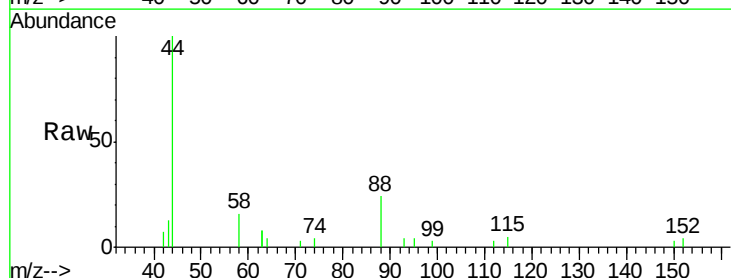
Tot Ion:152 Resp: 1088
Ion Ratio Lower Upper
152 100
150 141.7 117.2 175.8
115 67.9 57.0 85.6

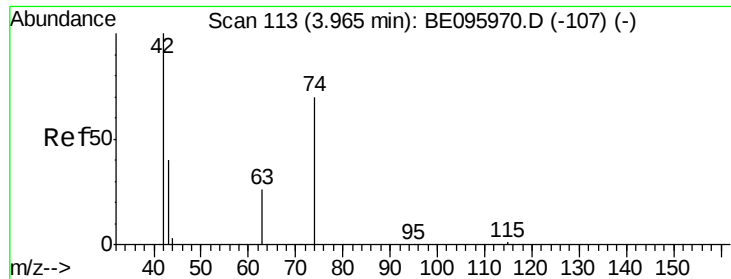


#2

1,4-Dioxane
Concen: 0.338 ng
RT: 3.61 min Scan# 77
Delta R.T. 0.01 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion: 88 Resp: 568
Ion Ratio Lower Upper
88 100
58 81.5 63.2 94.8
43 49.1 41.2 61.8



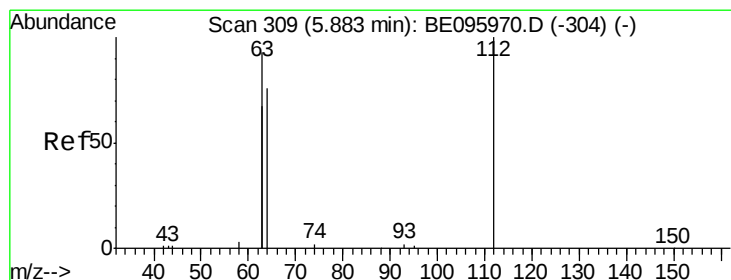
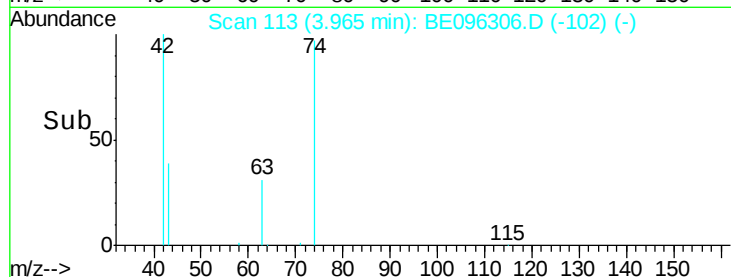
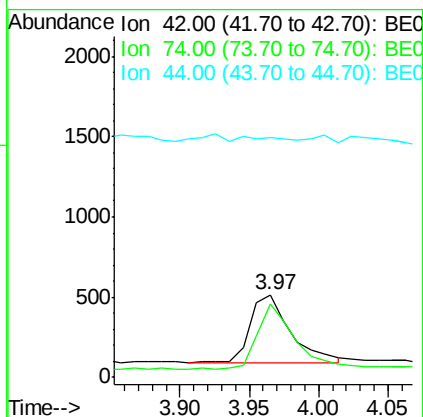
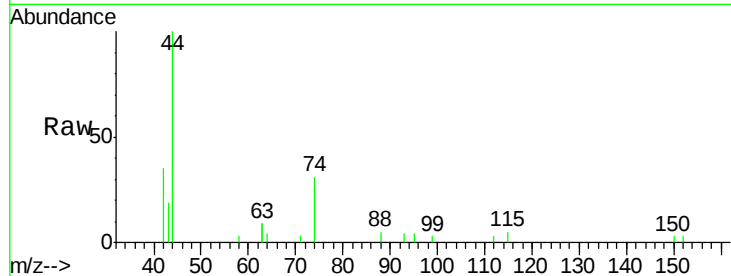


#3

n-Nitrosodimethylamine
 Concen: 0.413 ng
 RT: 3.97 min Scan# 113
 Delta R.T. 0.01 min
 Lab File: BE096306.D
 Acq: 2 May 2018 22:35

Instrument :
 BNA_E
 ClientSampleId :

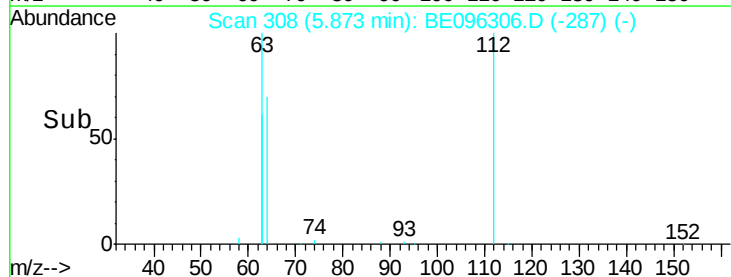
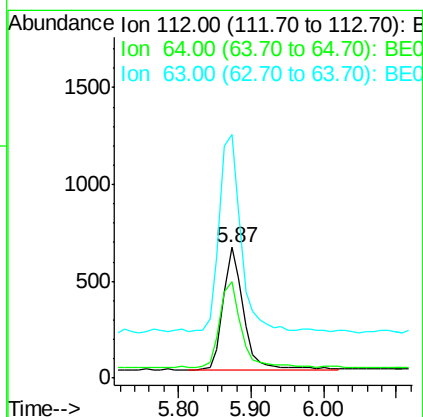
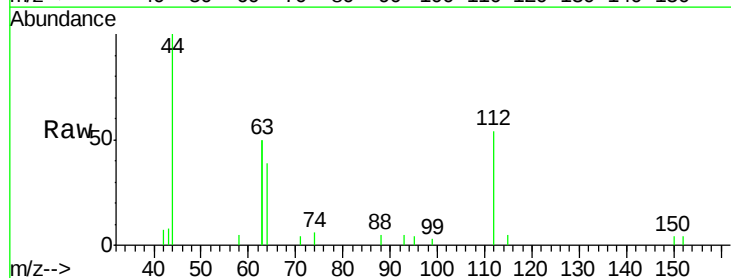
Tot Ion: 42 Resp: 851
 Ion Ratio Lower Upper
 42 100
 74 87.5 96.0 144.0#
 44 0.0 12.0 18.0#

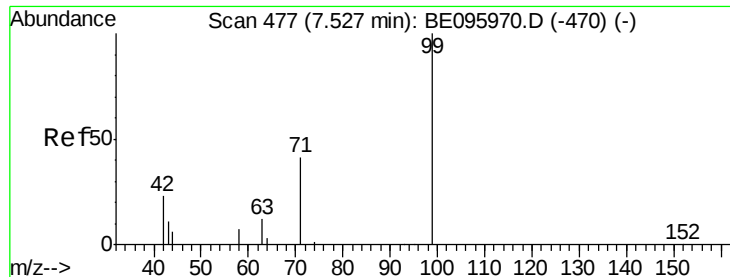


#4

2-Fluorophenol
 Concen: 0.364 ng
 RT: 5.87 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: BE096306.D
 Acq: 2 May 2018 22:35

Tgt Ion: 112 Resp: 1224
 Ion Ratio Lower Upper
 112 100
 64 73.4 60.1 90.1
 63 169.1 116.8 175.2





#5

Phenol-d6

Concen: 0.371 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

Instrument :

BNA_E

ClientSampled :

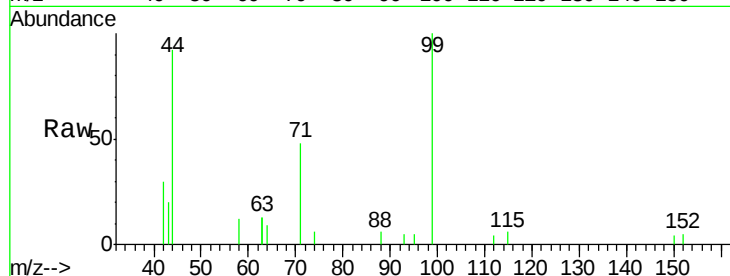
Tot Ion: 99 Resp: 1723

Ion Ratio Lower Upper

99 100

42 27.9 20.2 30.2

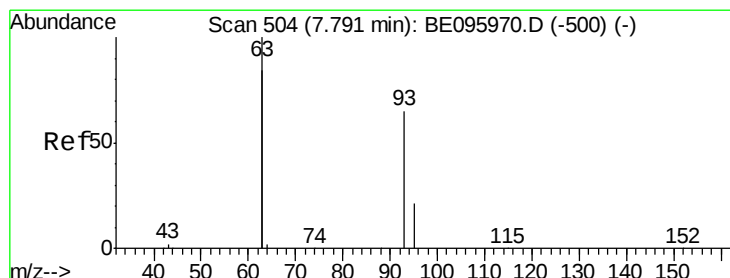
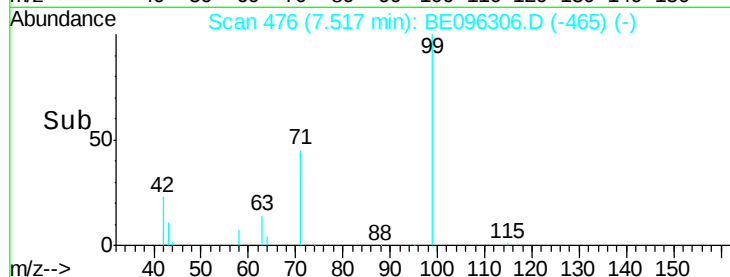
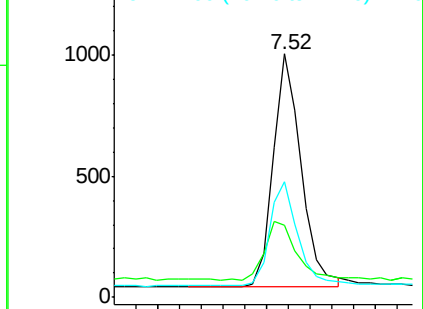
71 44.7 28.4 42.6#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.352 ng

RT: 7.76 min Scan# 501

Delta R.T. -0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

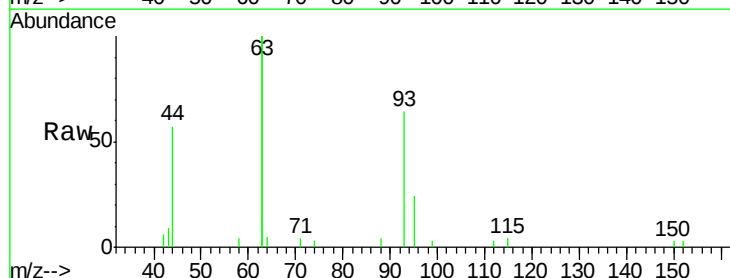
Tgt Ion: 93 Resp: 1437

Ion Ratio Lower Upper

93 100

63 334.0 275.3 412.9

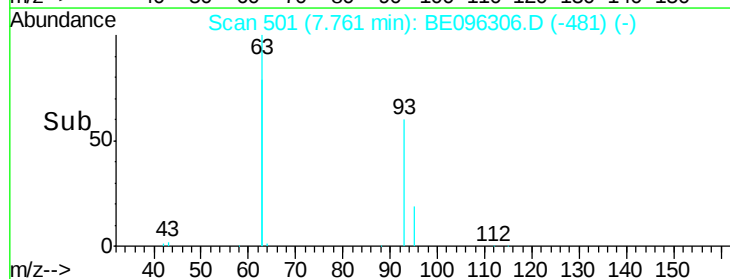
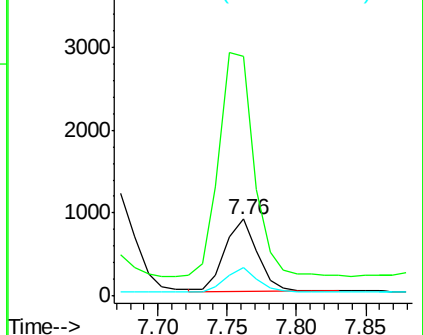
95 32.6 25.2 37.8

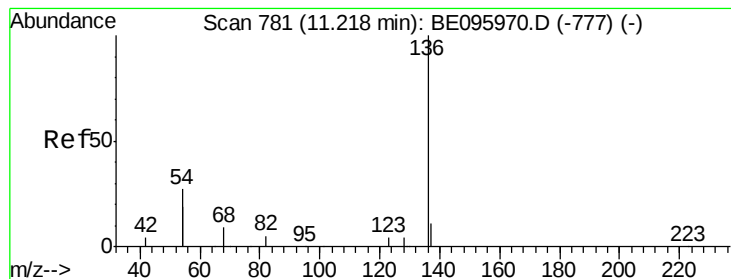


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4136

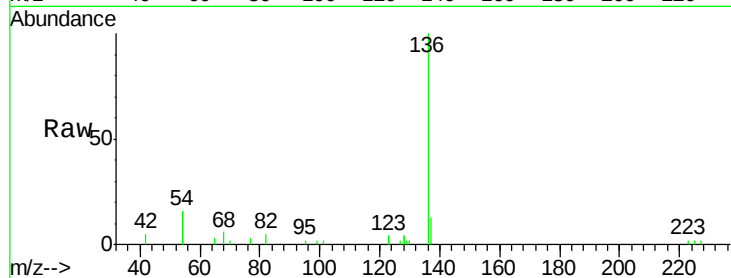
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 31.2 29.1 43.7

68 6.2 6.2 9.2

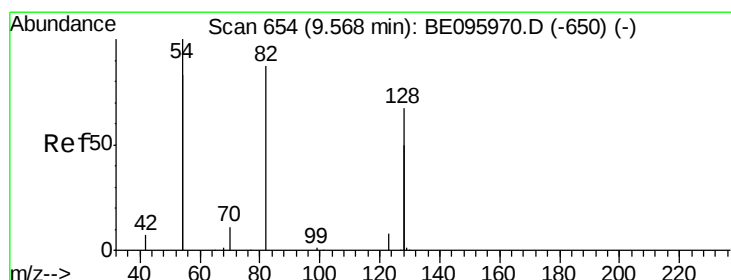
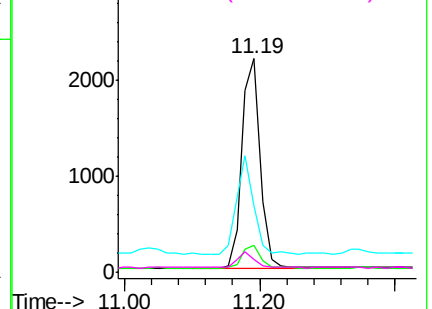
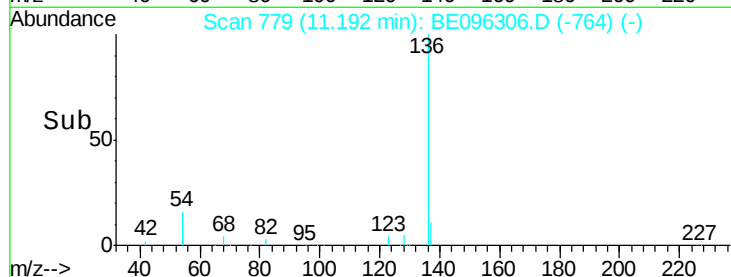


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.378 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

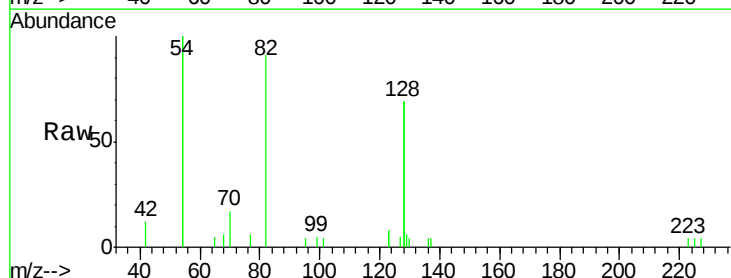
Tgt Ion: 82 Resp: 1836

Ion Ratio Lower Upper

82 100

128 151.2 150.0 225.0

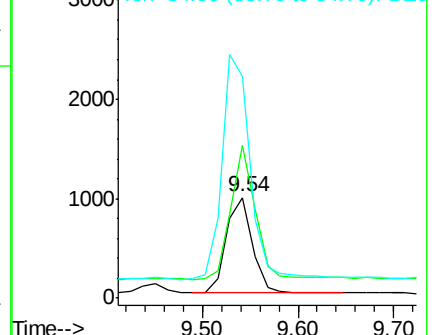
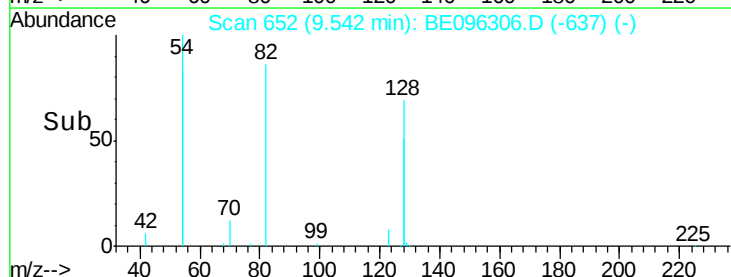
54 220.7 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.375 ng

RT: 11.23 min Scan# 782

Delta R.T. -0.01 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

Instrument :

BNA_E

ClientSampleId :

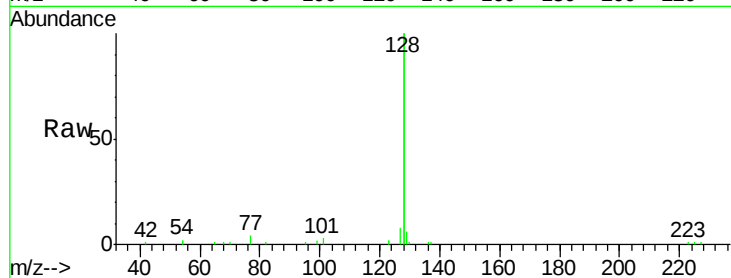
Tot Ion:128 Resp: 16333

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

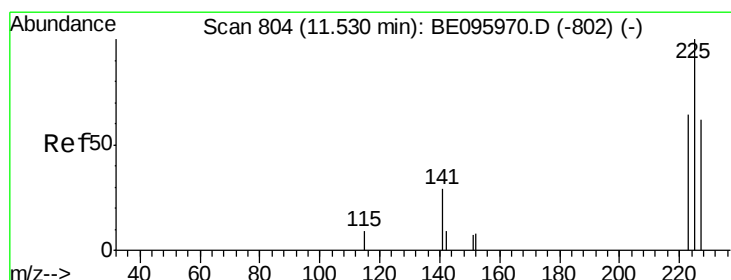
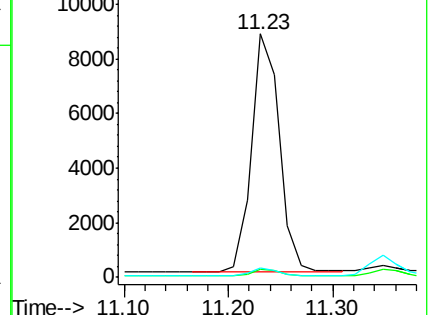
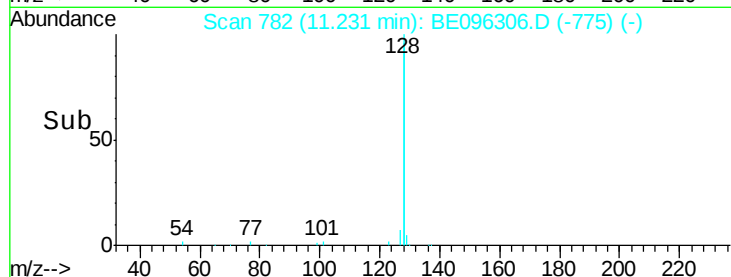
127 4.1 2.8 4.2



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: 0.284 ng

RT: 11.50 min Scan# 803

Delta R.T. 0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

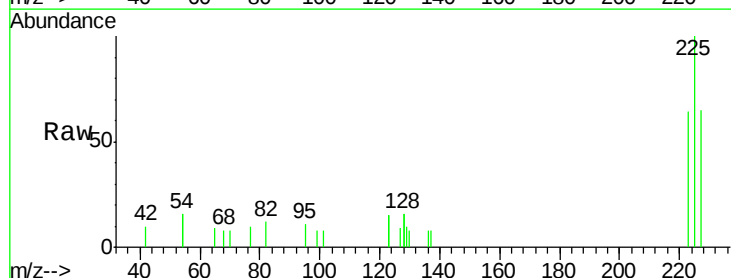
Tgt Ion:225 Resp: 549

Ion Ratio Lower Upper

225 100

223 74.5 53.0 79.6

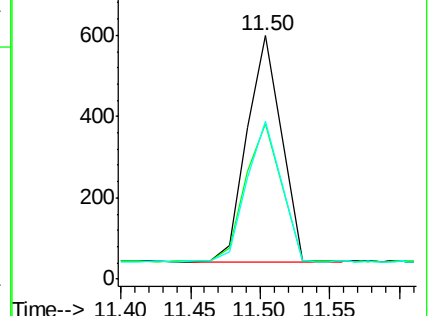
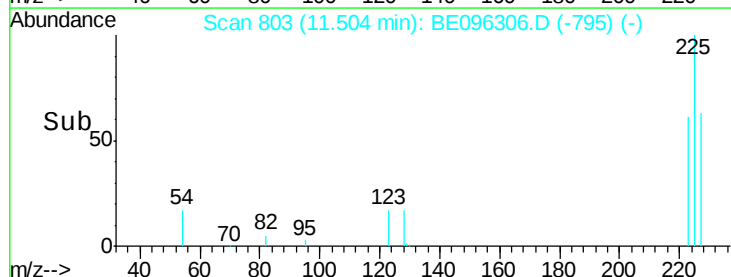
227 75.0 51.4 77.2

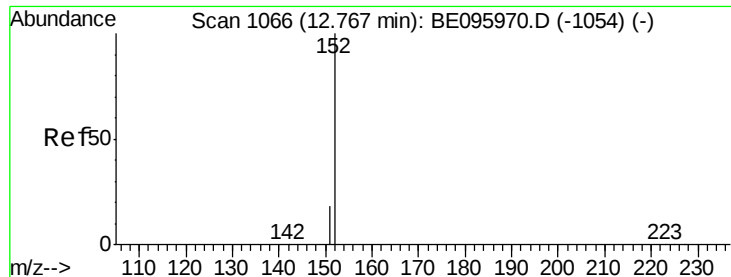


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

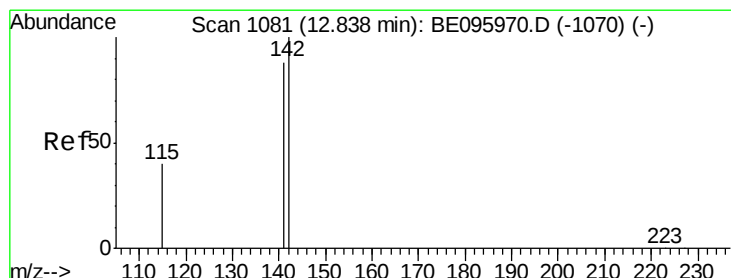
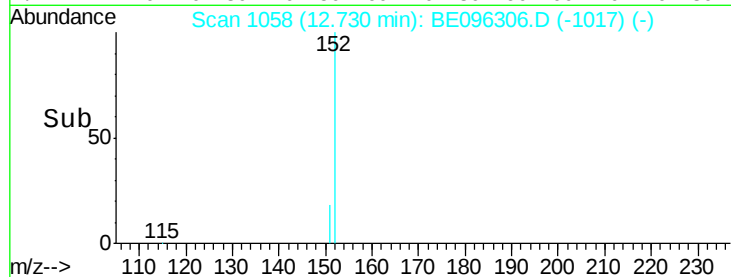
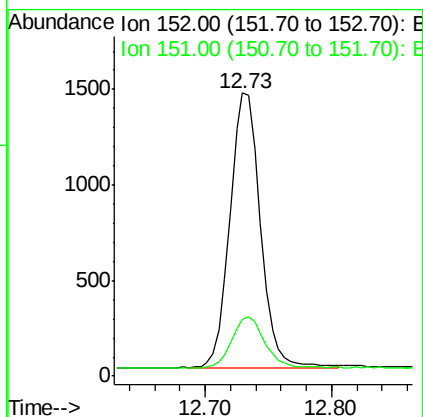
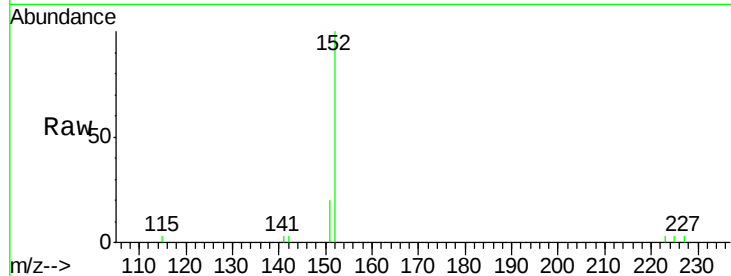




#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 12.73 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

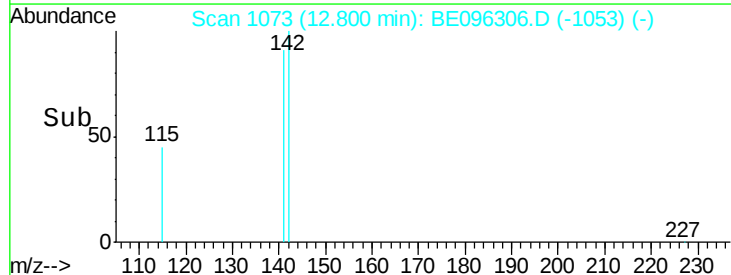
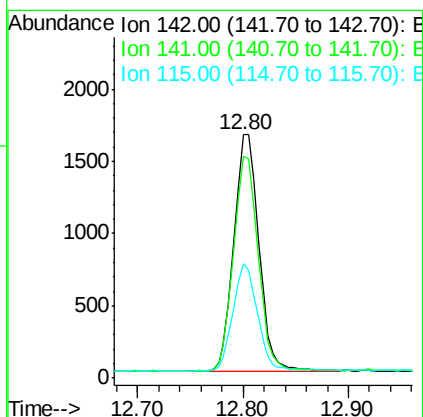
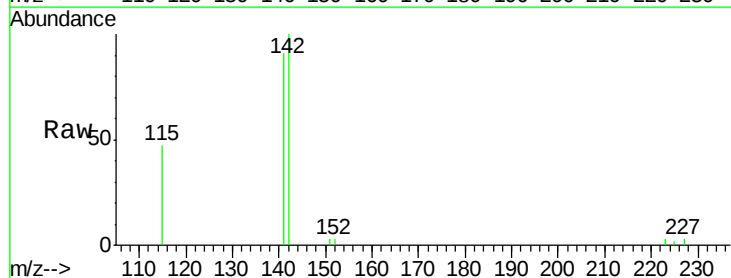
Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2399
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.374 ng
RT: 12.80 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:142 Resp: 2697
Ion Ratio Lower Upper
142 100
141 91.2 70.4 105.6
115 46.9 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.93 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

Instrument :

BNA_E

ClientSampleId :

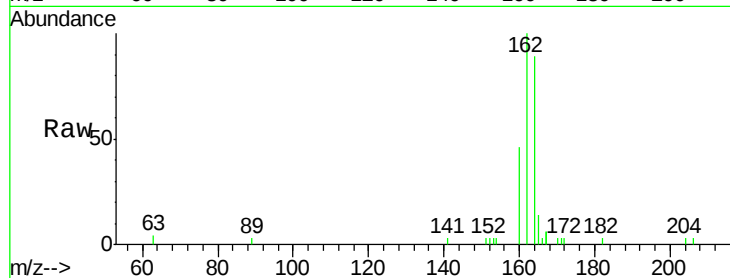
Tot Ion:164 Resp: 2257

Ion Ratio Lower Upper

164 100

162 112.8 83.1 124.7

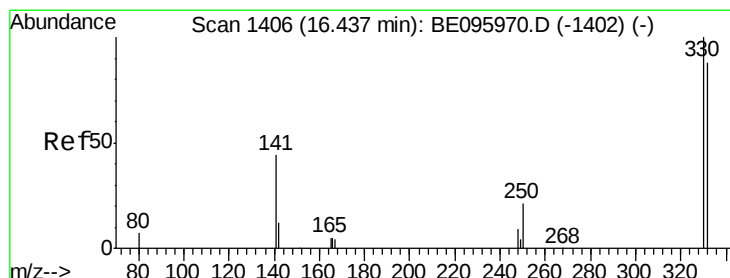
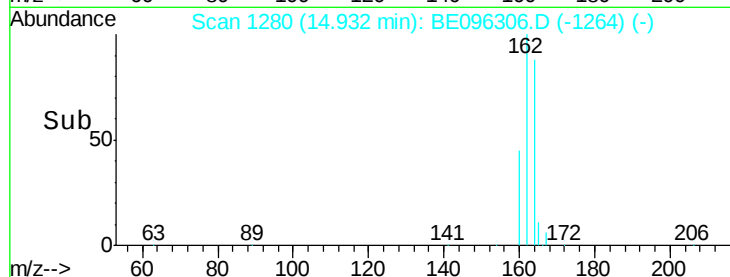
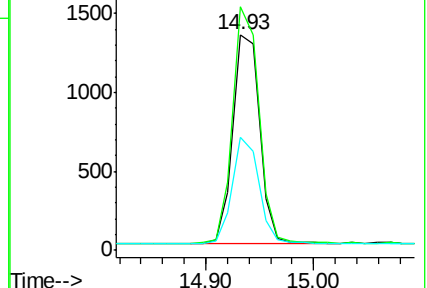
160 52.4 37.1 55.7



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: 0.308 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

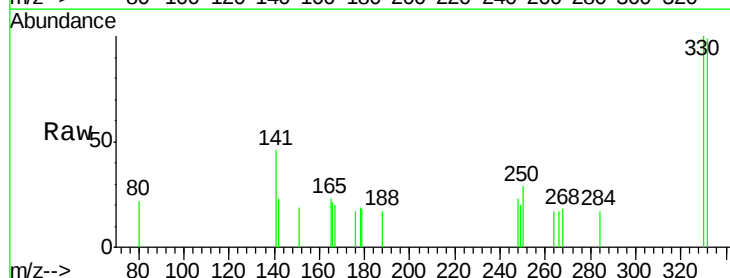
Tgt Ion:330 Resp: 336

Ion Ratio Lower Upper

330 100

332 97.6 152.7 229.1#

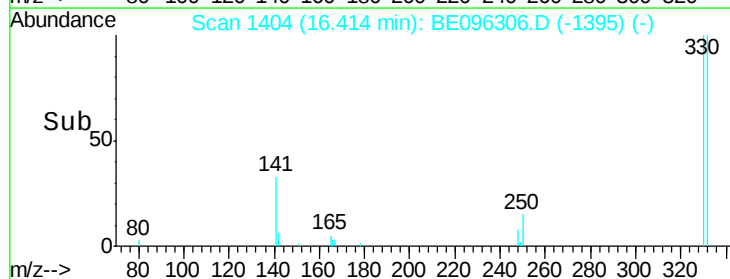
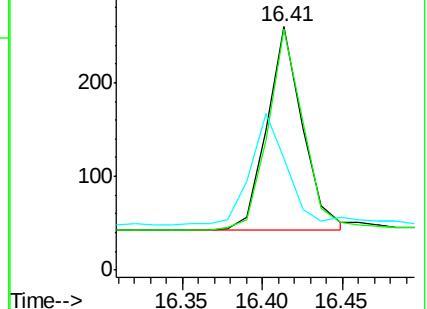
141 55.7 33.7 50.5#

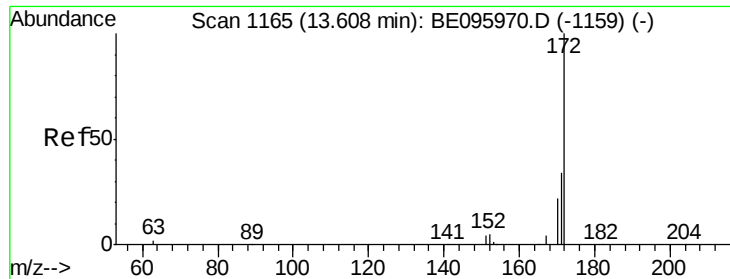


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

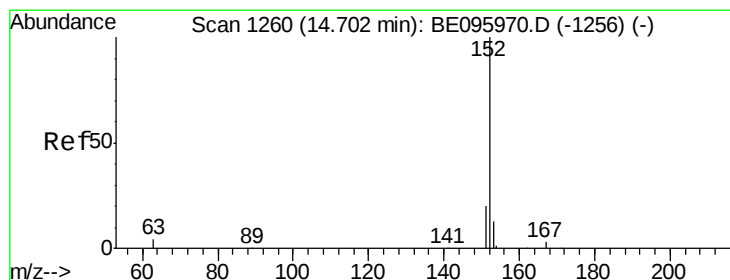
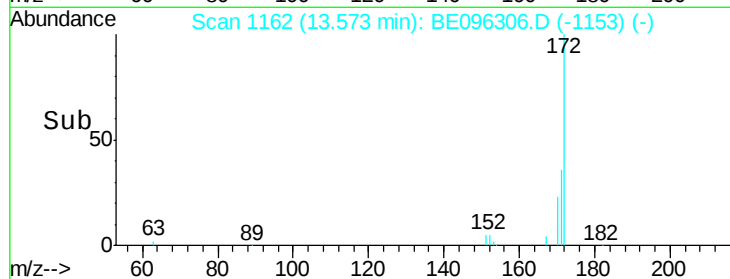
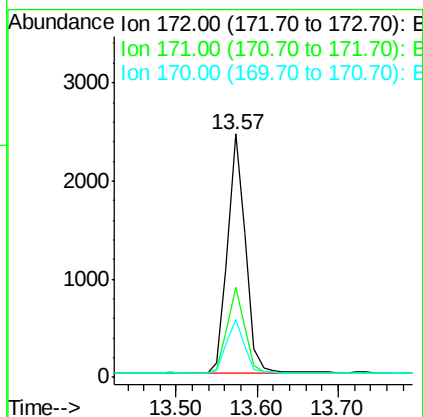
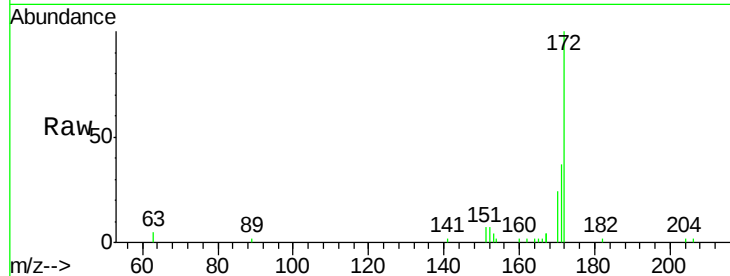




#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.57 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

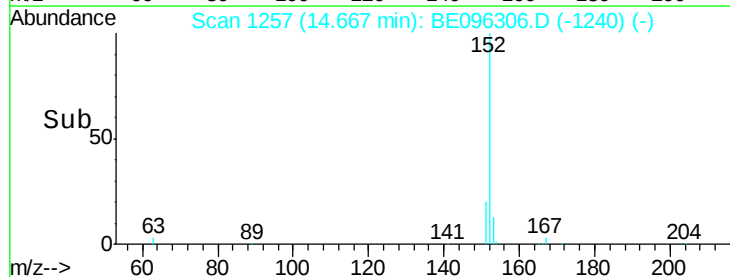
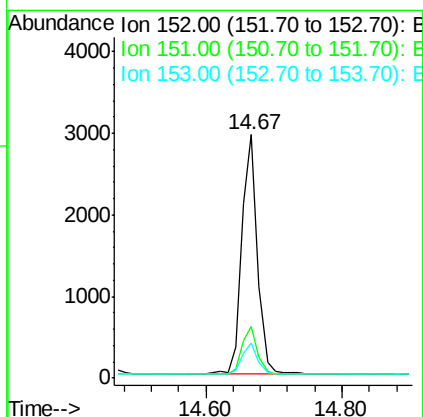
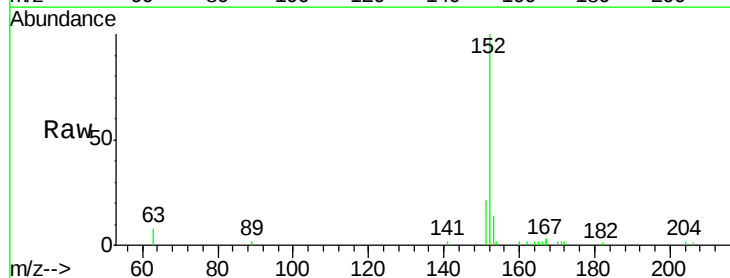
Instrument :
BNA_E
ClientSampleId :

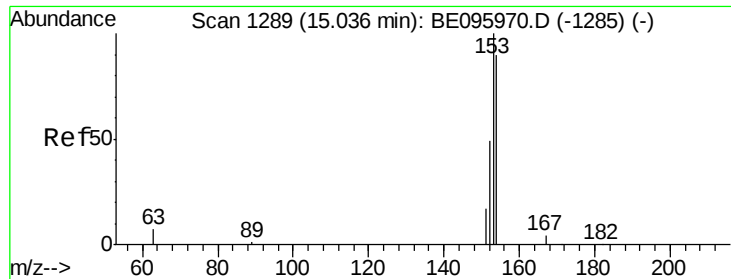
Tot Ion:172 Resp: 3733
Ion Ratio Lower Upper
172 100
171 37.0 29.9 44.9
170 24.0 21.8 32.8



#16
Acenaphthylene
Concen: 0.390 ng
RT: 14.67 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:152 Resp: 4702
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.380 ng

RT: 15.00 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

Instrument :

BNA_E

ClientSampled :

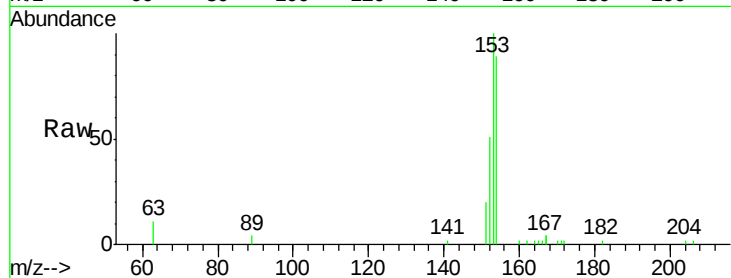
Tot Ion:154 Resp: 2751

Ion Ratio Lower Upper

154 100

153 117.0 89.2 133.8

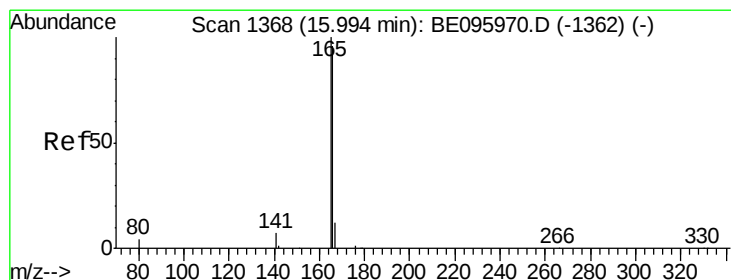
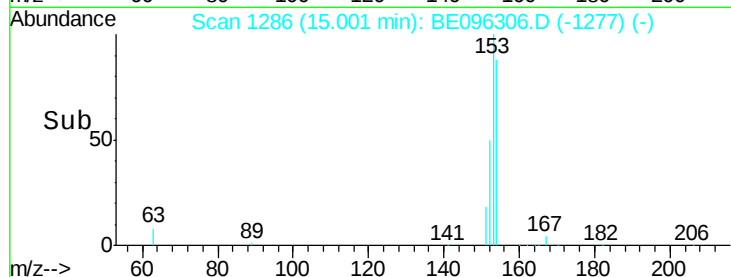
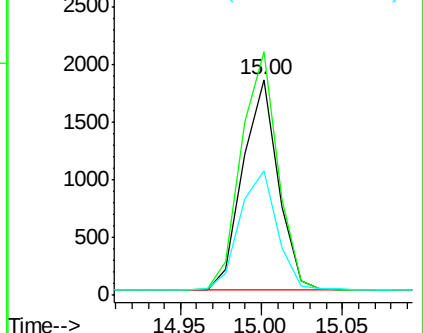
152 60.0 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.470 ng

RT: 15.97 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

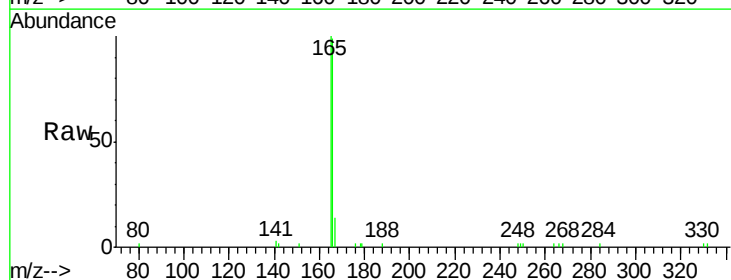
Tgt Ion:166 Resp: 4215

Ion Ratio Lower Upper

166 100

165 84.8 77.8 116.6

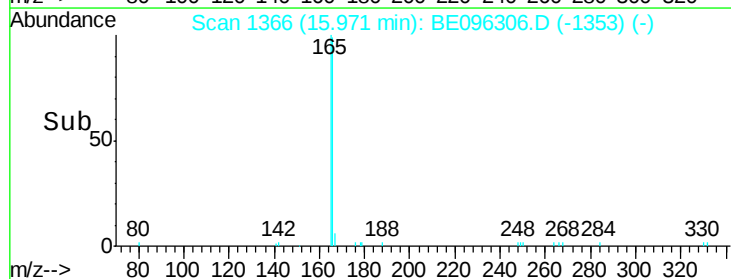
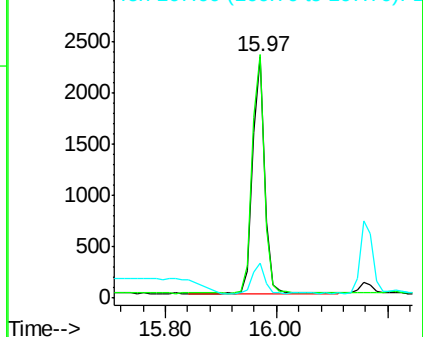
167 10.6 42.4 63.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

Instrument :

BNA_E

ClientSampleId :

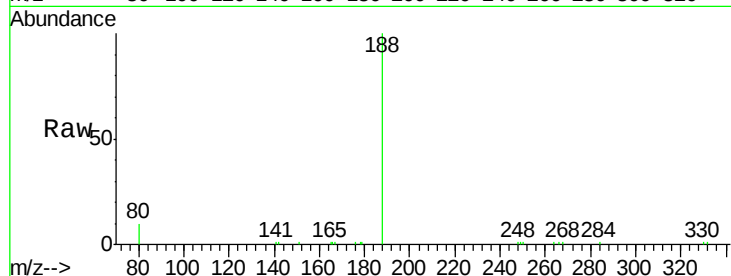
Tot Ion:188 Resp: 5388

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

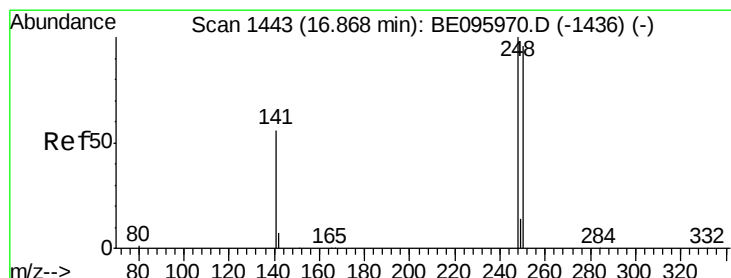
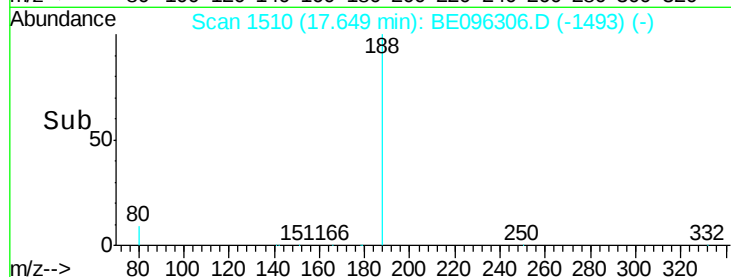
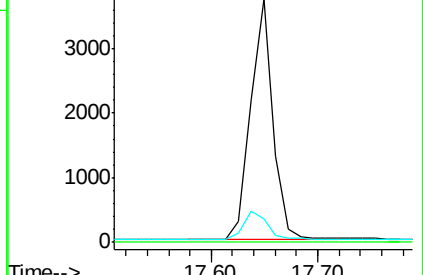
80 9.7 3.6 5.4#



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: 16.83 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

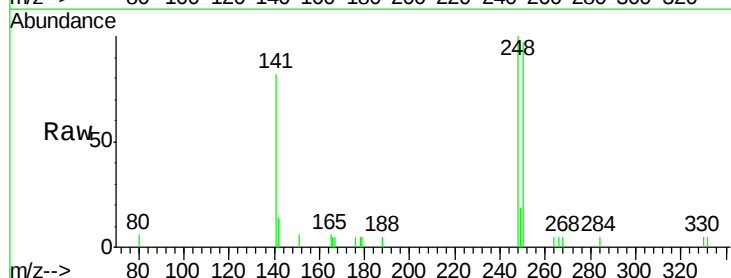
Tgt Ion:248 Resp: 1207

Ion Ratio Lower Upper

248 100

250 97.0 62.7 94.1#

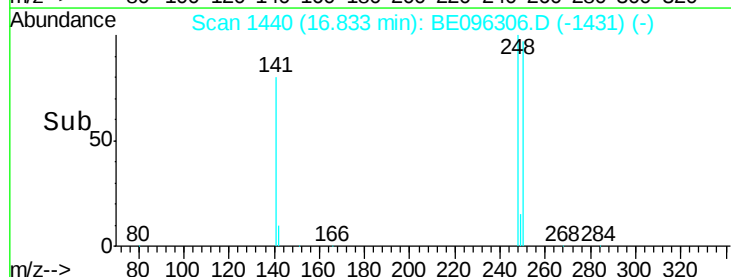
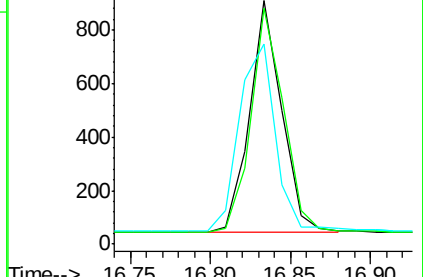
141 82.1 48.2 72.2#



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: 0.390 ng

RT: 16.96 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

Instrument :

BNA_E

ClientSampled :

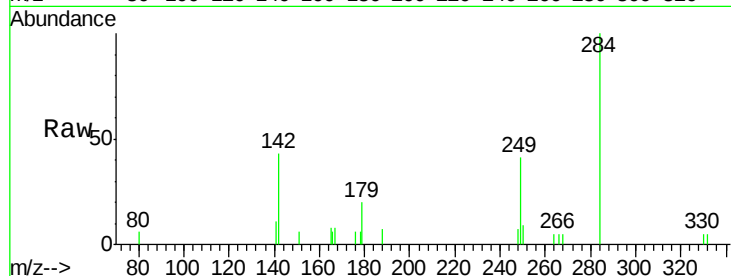
Tot Ion:284 Resp: 1245

Ion Ratio Lower Upper

284 100

142 46.3 22.1 33.1#

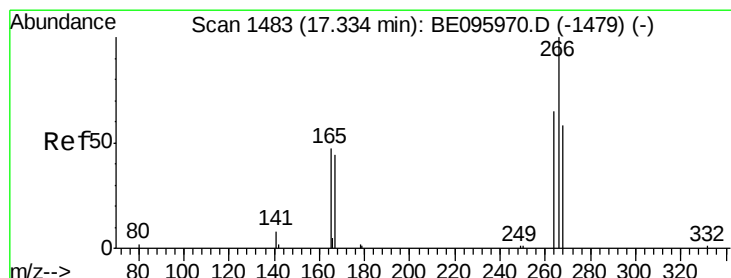
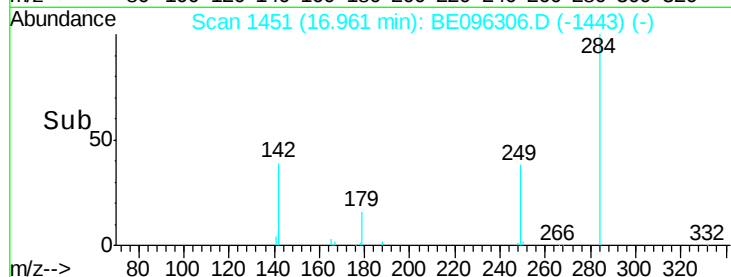
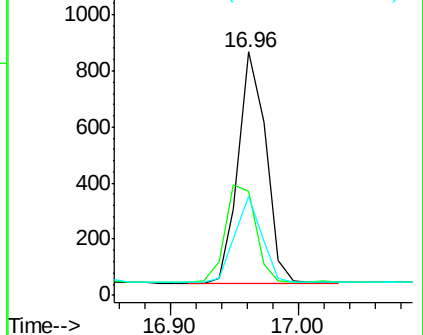
249 36.3 34.8 52.2



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: 0.477 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

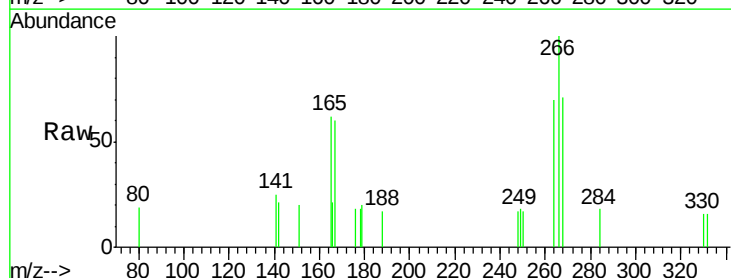
Tgt Ion:266 Resp: 503

Ion Ratio Lower Upper

266 100

264 70.1 72.5 108.7#

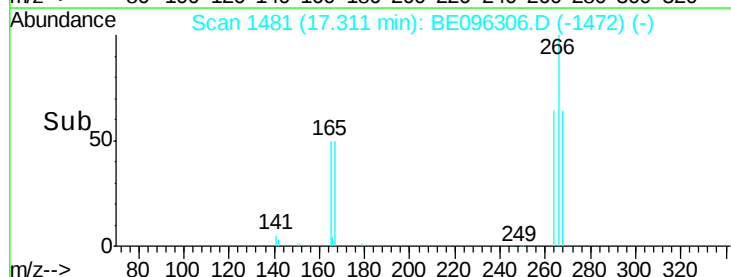
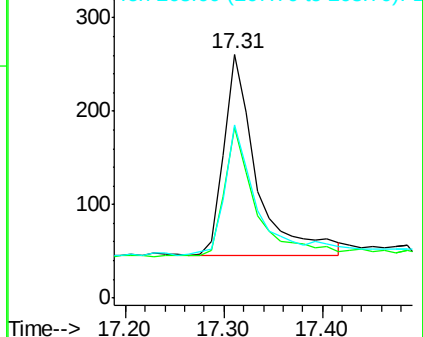
268 70.9 73.8 110.6#

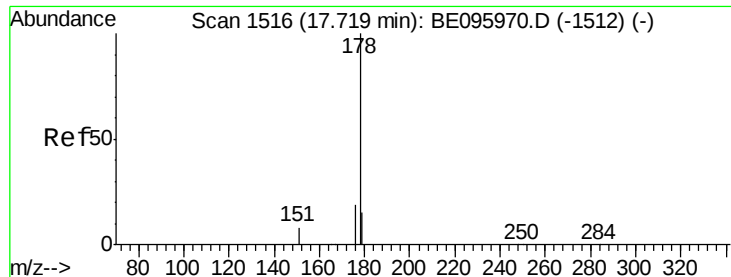


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.387 ng

RT: 17.68 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

Instrument :

BNA_E

ClientSampleId :

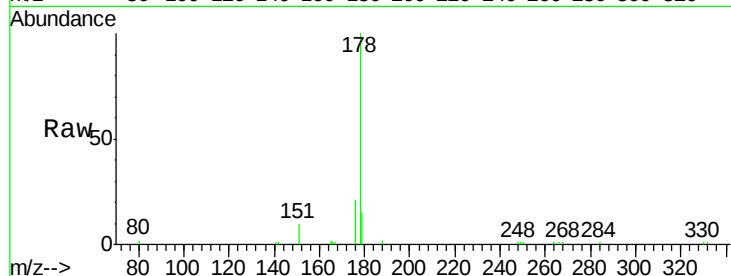
Tot Ion:178 Resp: 5863

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

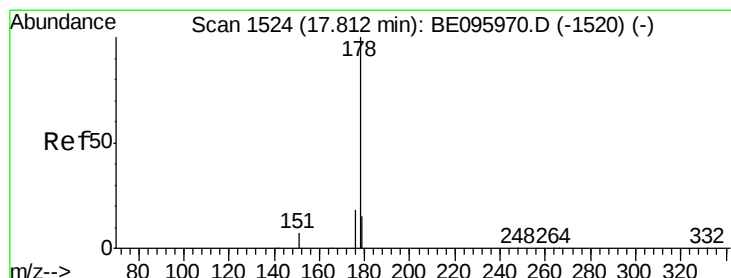
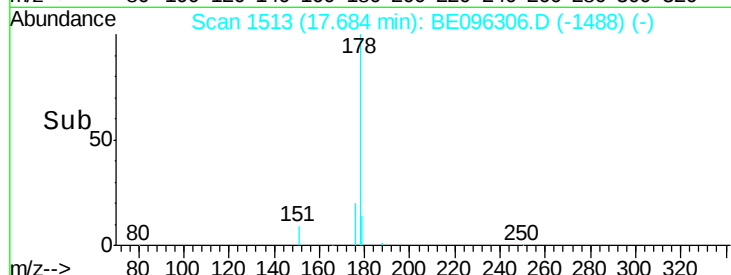
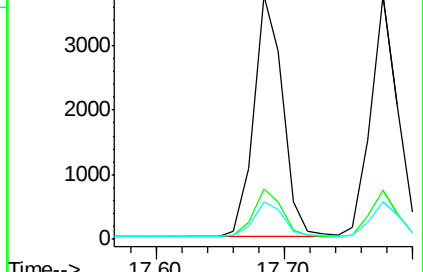
179 14.3 11.8 17.6



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: 0.380 ng

RT: 17.78 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

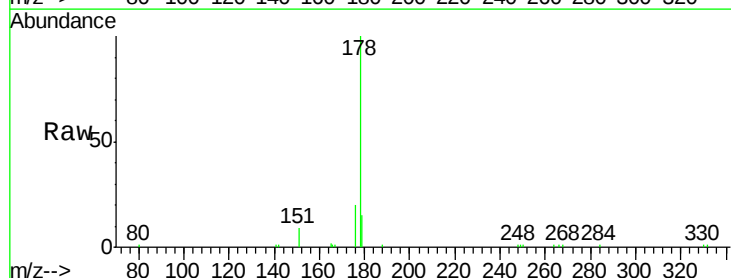
Tgt Ion:178 Resp: 5499

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

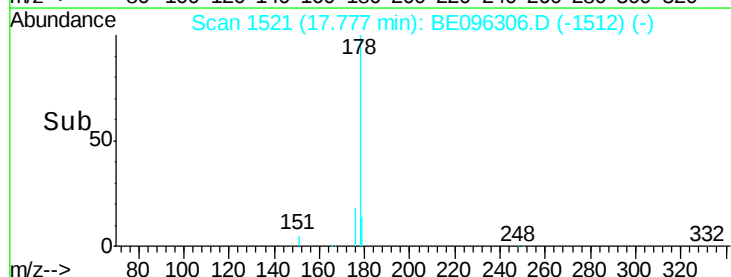
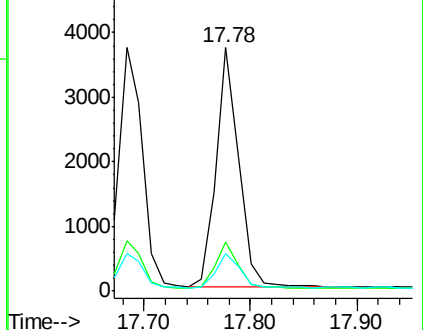
179 14.6 13.0 19.6

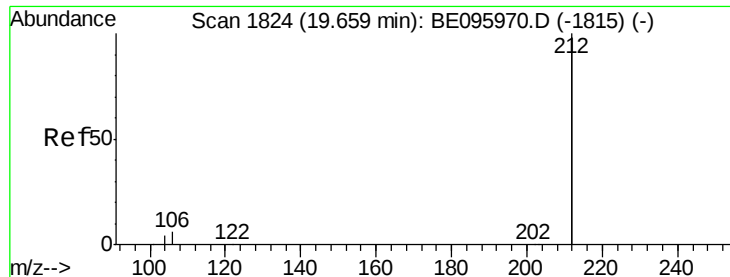


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.356 ng

RT: 19.63 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

Instrument :

BNA_E

ClientSampled :

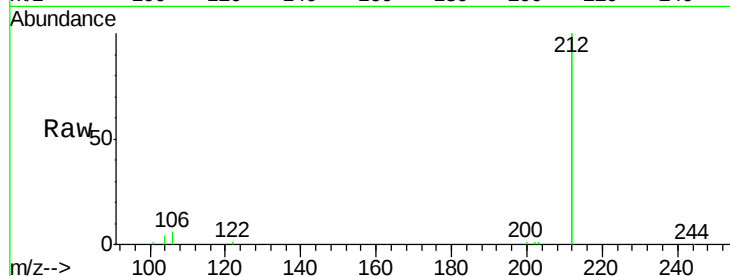
Tot Ion:212 Resp: 26066

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

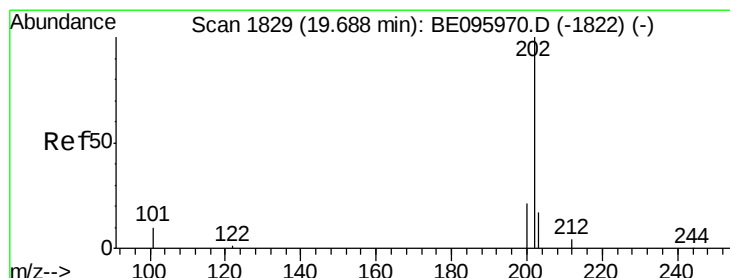
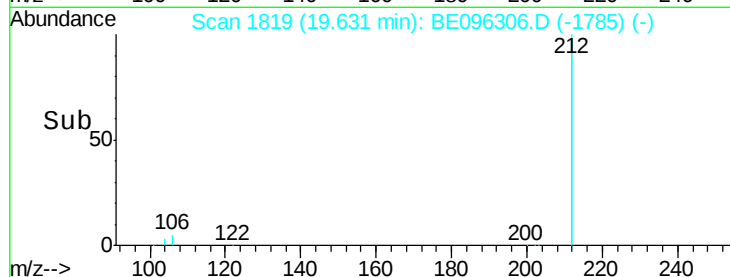
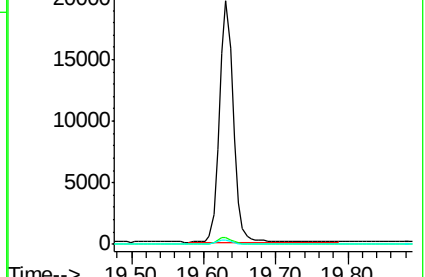
104 1.7 1.6 2.4



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: 0.366 ng

RT: 19.66 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

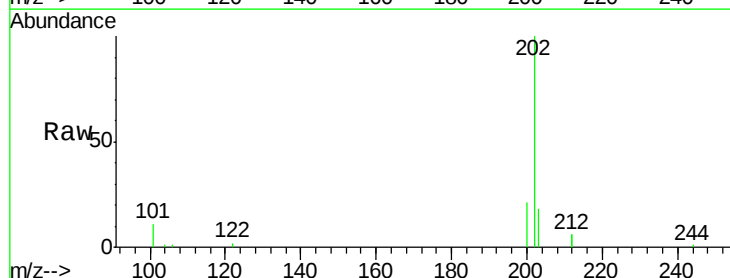
Tgt Ion:202 Resp: 7273

Ion Ratio Lower Upper

202 100

101 9.6 9.8 14.8#

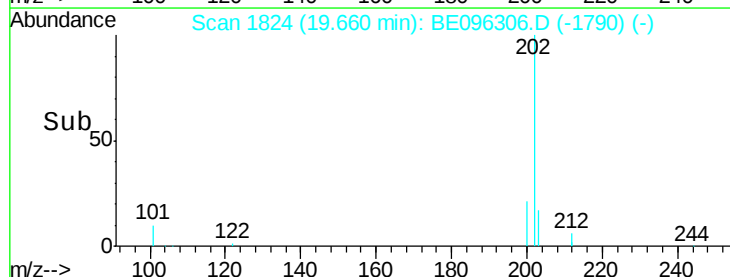
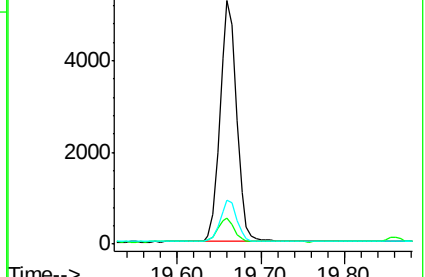
203 16.7 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

Instrument :

BNA_E

ClientSampleId :

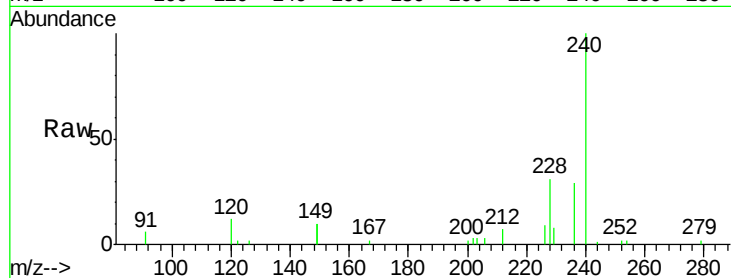
Tot Ion:240 Resp: 5375

Ion Ratio Lower Upper

240 100

120 12.0 5.5 8.3#

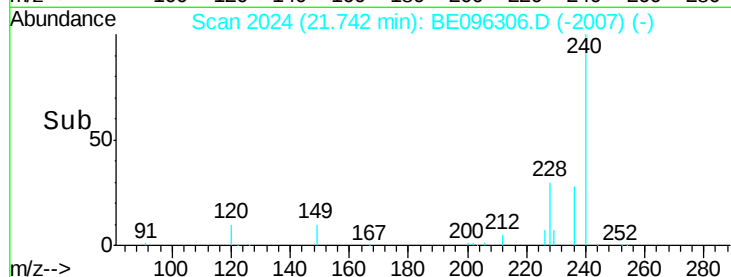
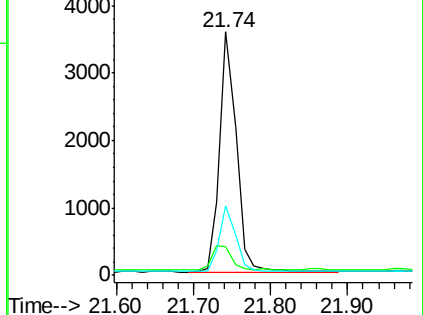
236 28.7 20.7 31.1



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: 0.068 ng

RT: 20.00 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

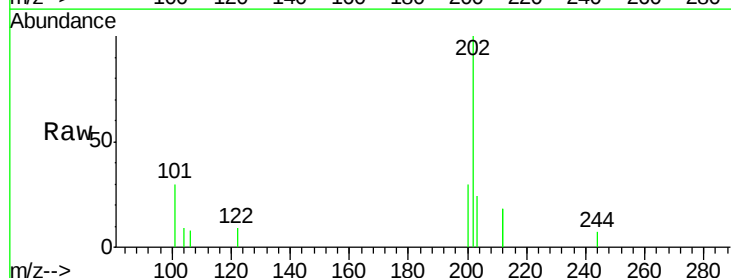
Tgt Ion:202 Resp: 717

Ion Ratio Lower Upper

202 100

200 23.8 16.6 25.0

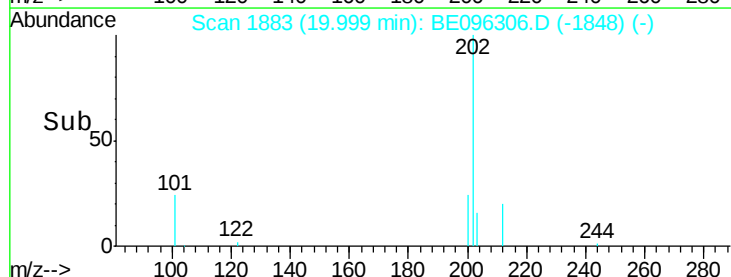
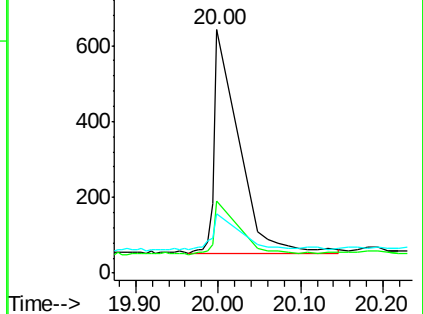
203 19.9 13.8 20.8



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: 0.376 ng

RT: 20.19 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

Instrument :

BNA_E

ClientSampleId :

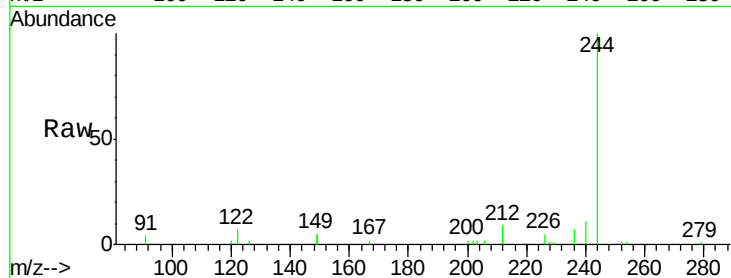
Tot Ion:244 Resp: 4470

Ion Ratio Lower Upper

244 100

212 9.3 25.4 38.0#

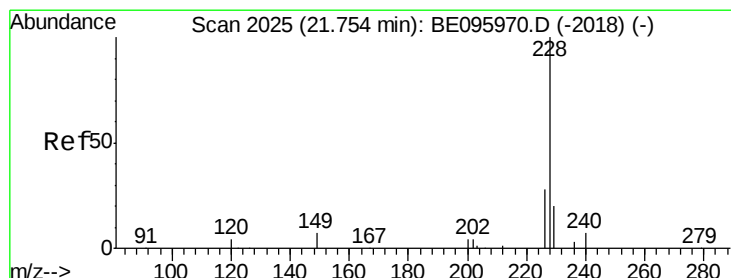
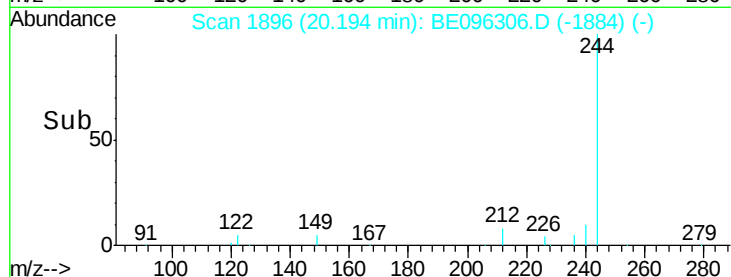
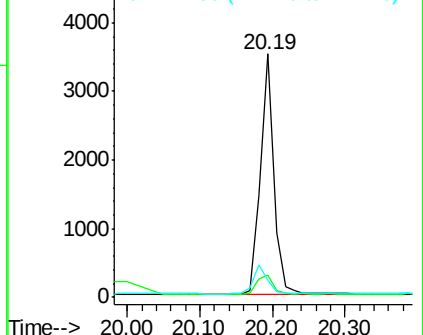
122 6.8 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.371 ng

RT: 21.73 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

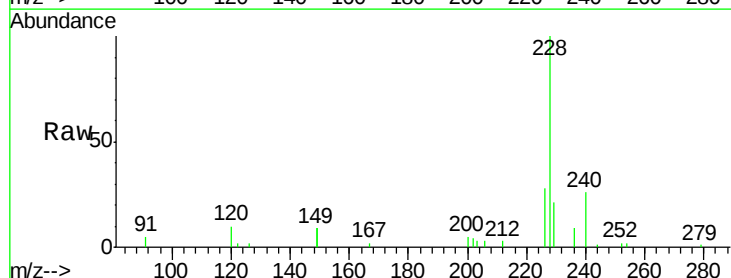
Tgt Ion:228 Resp: 6403

Ion Ratio Lower Upper

228 100

226 28.5 24.0 36.0

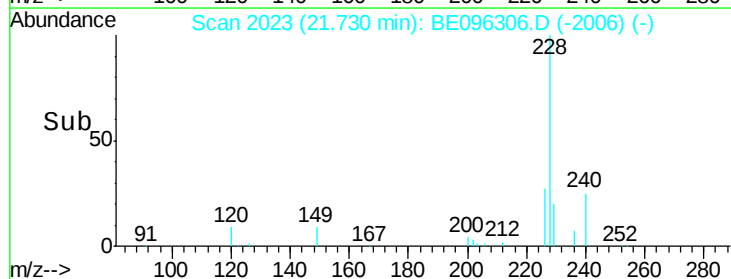
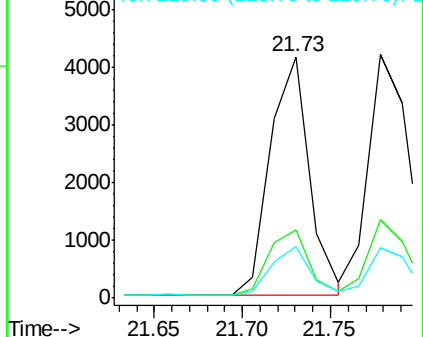
229 21.2 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.396 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

Instrument :

BNA_E

ClientSampleId :

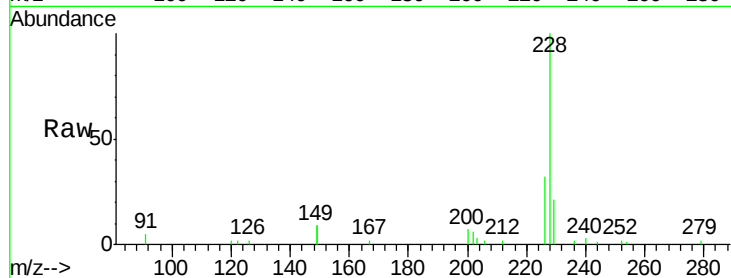
Tot Ion:228 Resp: 6591

Ion Ratio Lower Upper

228 100

226 32.5 24.0 36.0

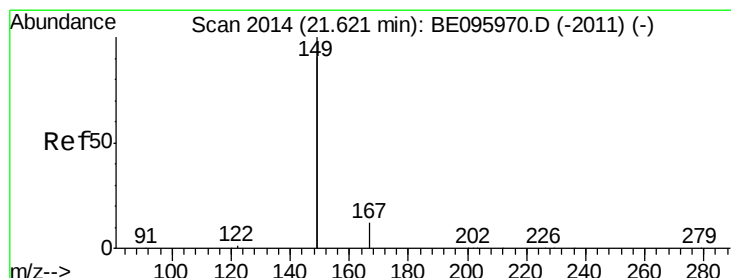
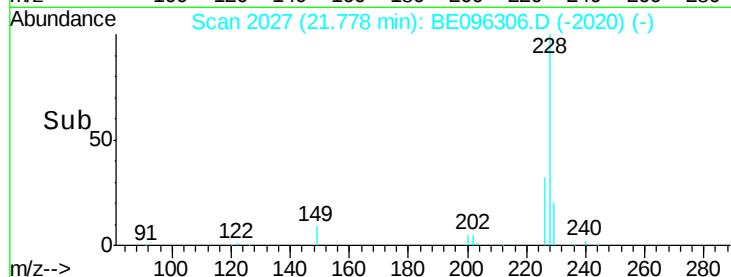
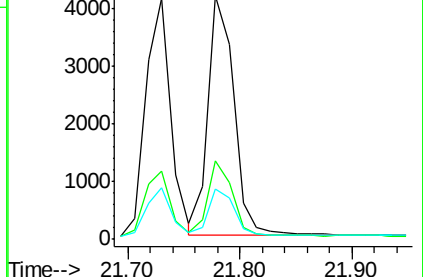
229 20.8 16.0 24.0



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: 0.421 ng

RT: 21.60 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

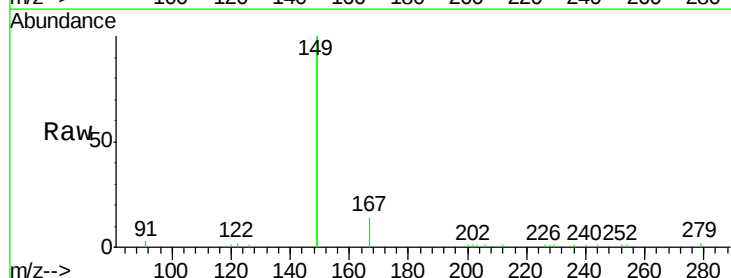
Tgt Ion:149 Resp: 18738

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

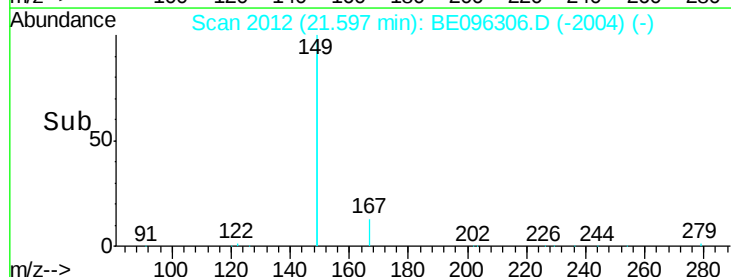
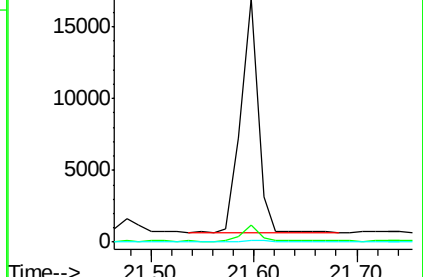
279 0.8 0.7 1.1



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

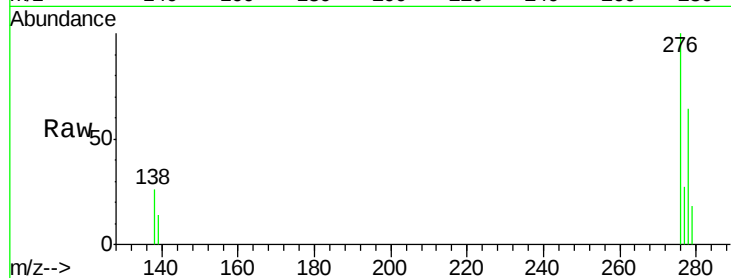




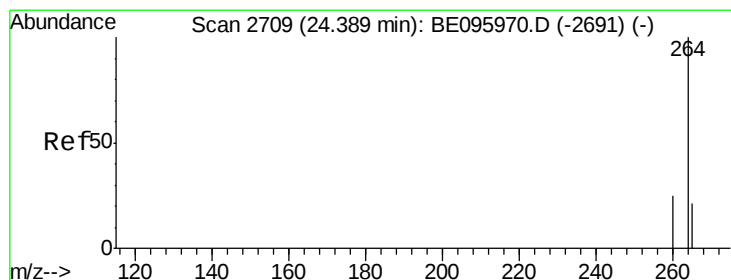
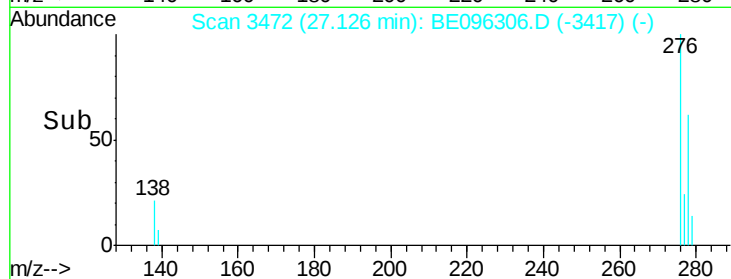
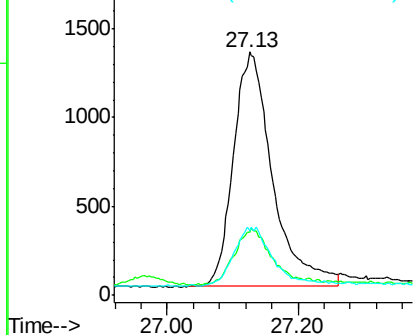
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng
RT: 27.13 min Scan# 3472
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 5509
Ion Ratio Lower Upper
276 100
138 22.2 22.5 33.7#
277 10.4 19.9 29.9#

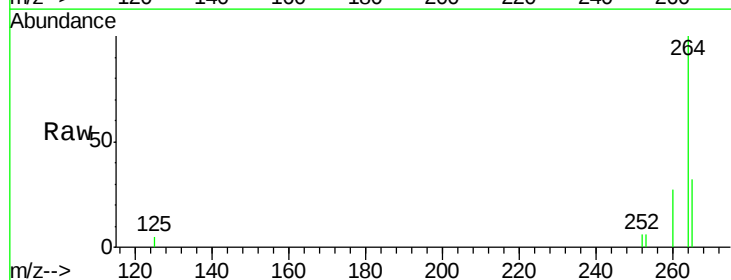


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

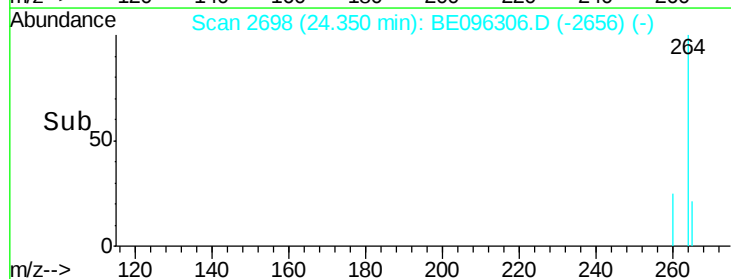
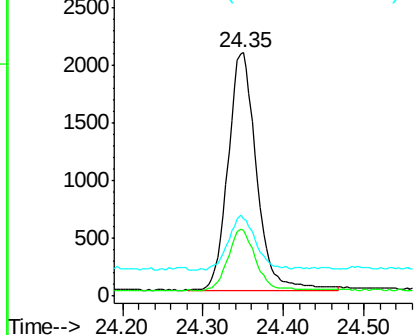


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:264 Resp: 5040
Ion Ratio Lower Upper
264 100
260 27.2 20.5 30.7
265 31.5 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

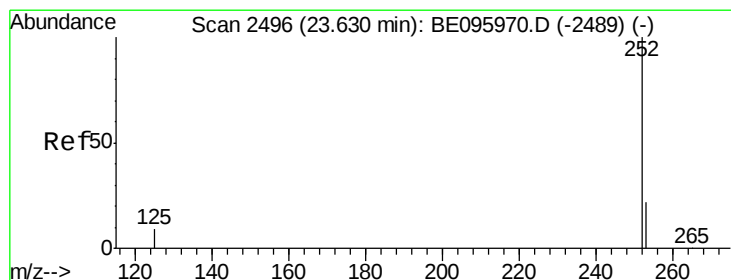
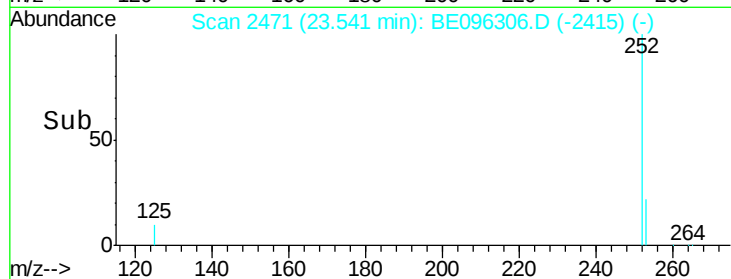
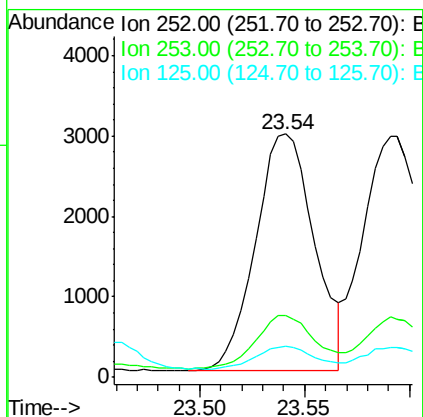
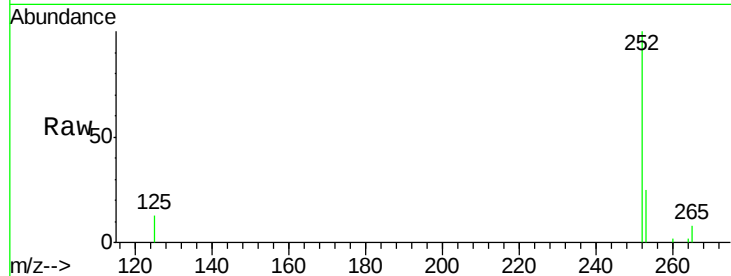




#35
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 23.54 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

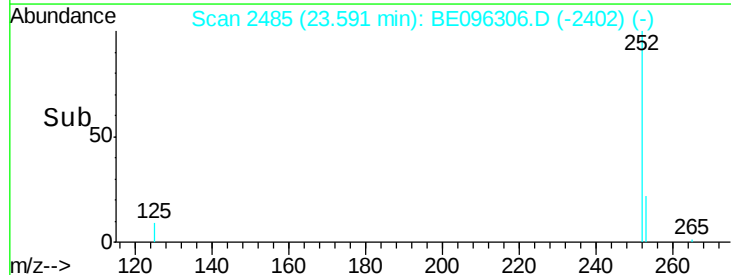
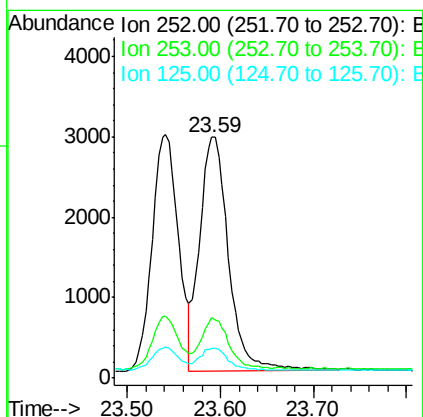
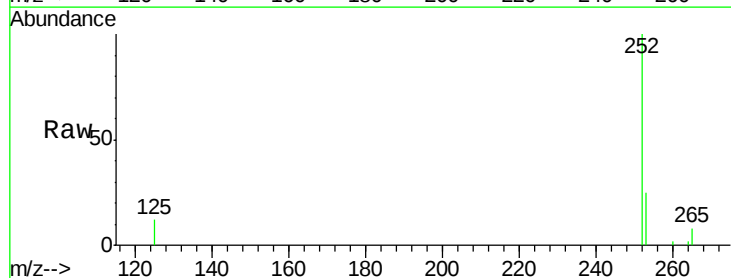
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 5796
Ion Ratio Lower Upper
252 100
253 25.3 20.0 30.0
125 12.5 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 23.59 min Scan# 2485
Delta R.T. -0.01 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:252 Resp: 6251
Ion Ratio Lower Upper
252 100
253 25.4 16.0 24.0#
125 12.3 8.0 12.0#

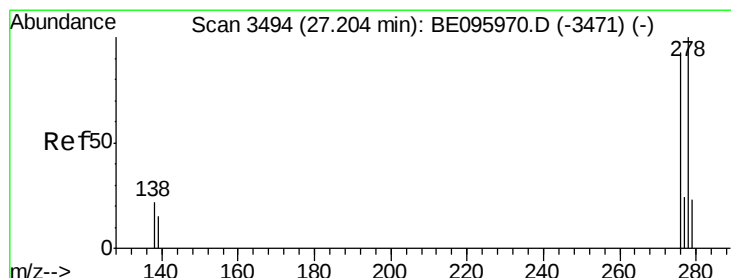
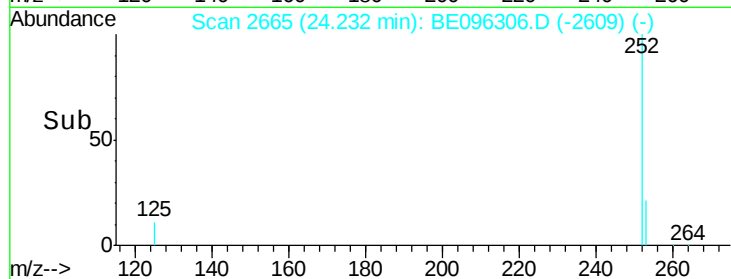
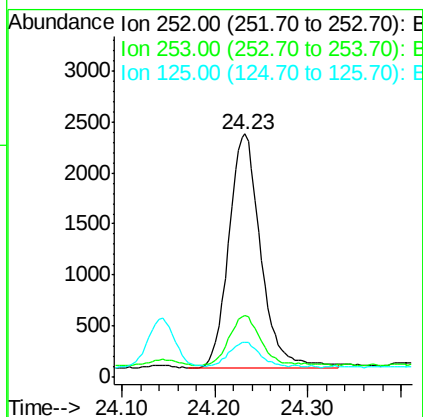
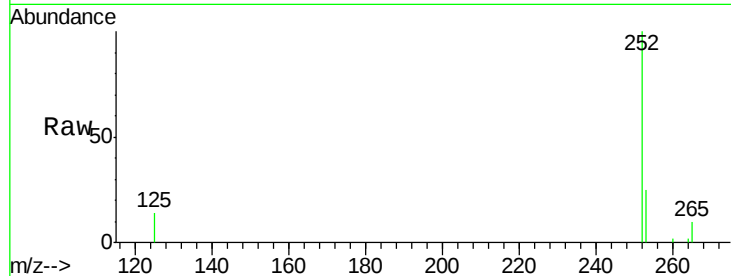




#37
Benzo(a)pyrene
Concen: 0.377 ng
RT: 24.23 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

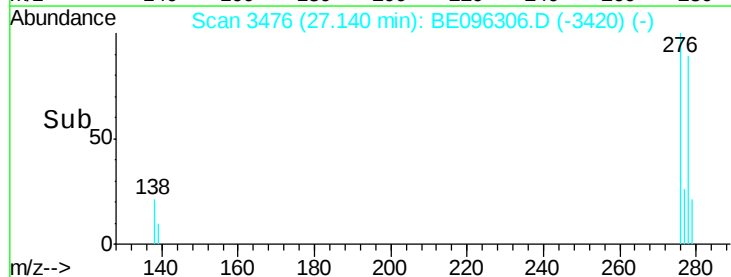
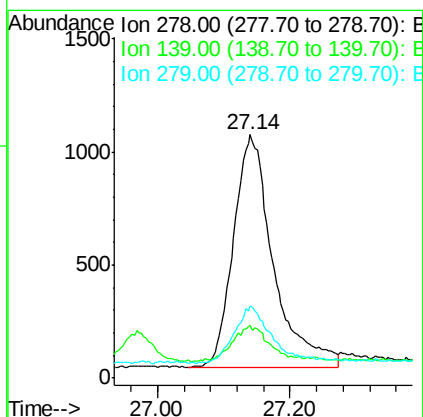
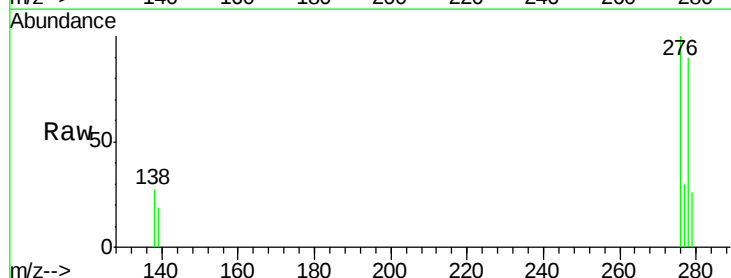
Instrument :
BNA_E
ClientSampleId :

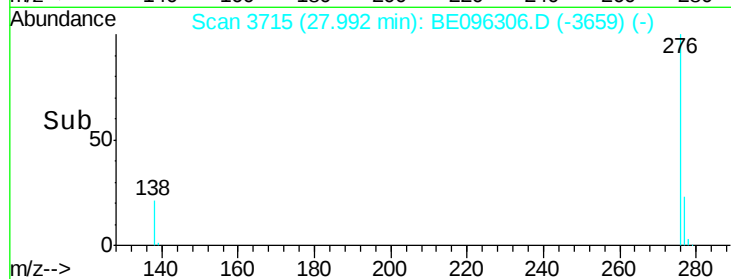
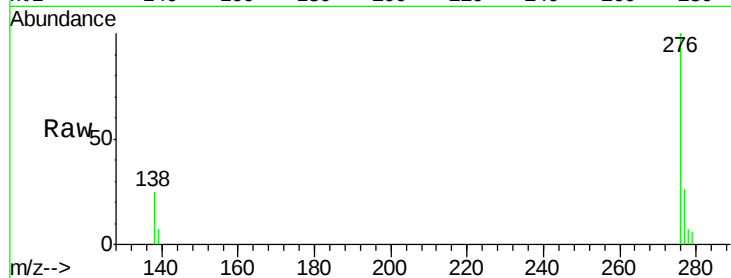
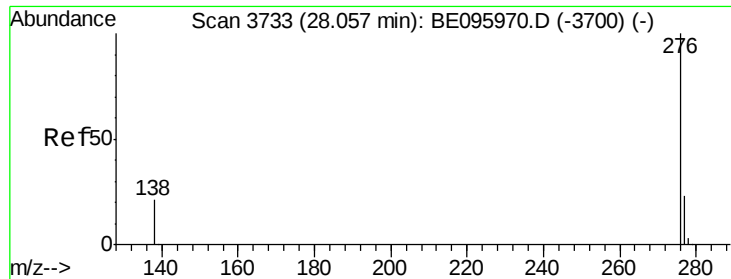
Tot Ion:252 Resp: 5482
Ion Ratio Lower Upper
252 100
253 25.5 16.0 24.0#
125 14.4 12.0 18.0



#38
Dibenzo(a,h)anthracene
Concen: 0.334 ng
RT: 27.14 min Scan# 3476
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:278 Resp: 4281
Ion Ratio Lower Upper
278 100
139 21.5 16.0 24.0
279 29.4 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.368 ng

RT: 27.99 min Scan# 3715

Delta R.T. -0.00 min

Lab File: BE096306.D

Acq: 2 May 2018 22:35

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 276 Resp: 4981

Ion Ratio Lower Upper

276 100

277 26.3 16.0 24.0#

138 24.6 20.0 30.0

