

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032019\
 Data File : BE099073.D
 Acq On : 20 Mar 2019 18:07
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 21 09:40:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	784	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3649	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2466	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5727	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6195	0.40	ng	0.00
34) Perylene-d12	23.90	264	5544	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	839	0.36	ng	0.02
5) Phenol-d6	7.01	99	1280	0.39	ng	0.02
8) Nitrobenzene-d5	8.99	82	1344	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	2626	0.39	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	353	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3821	0.37	ng	0.00
25) Fluoranthene-d10	19.25	212	30214	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	5835	0.39	ng	0.00

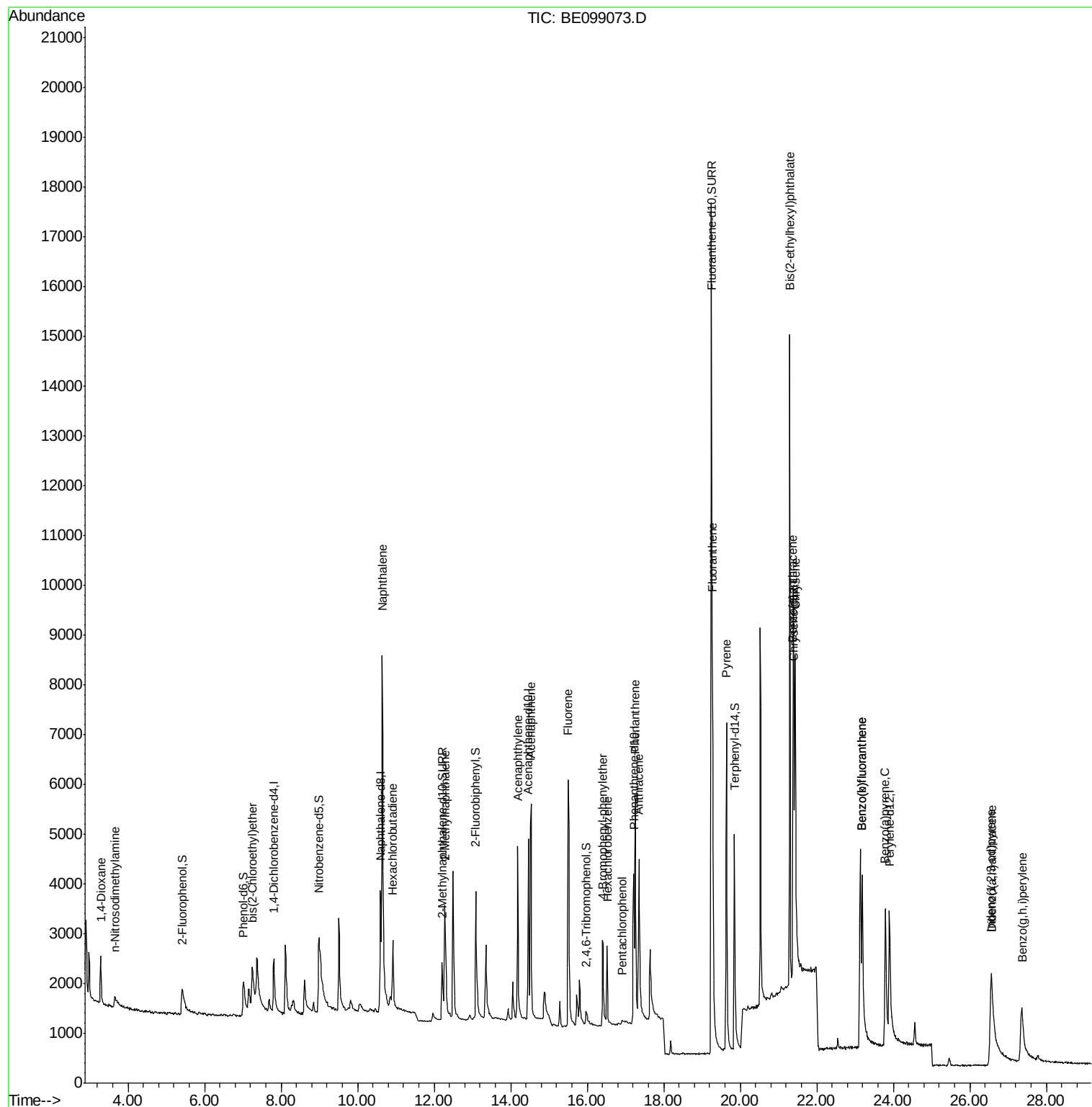
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	667	0.448	ng	99
3) n-Nitrosodimethylamine	3.65	42	354	0.179	ng	# 88
6) bis(2-Chloroethyl)ether	7.24	93	812	0.318	ng	# 89
9) Naphthalene	10.64	128	16207	0.388	ng	100
10) Hexachlorobutadiene	10.91	225	977	0.353	ng	99
12) 2-Methylnaphthalene	12.28	142	2594	0.383	ng	98
16) Acenaphthylene	14.18	152	4564	0.360	ng	98
17) Acenaphthene	14.53	154	2727	0.362	ng	99
18) Fluorene	15.50	166	3753	0.346	ng	98
20) 4-Bromophenyl-phenylether	16.41	248	1194	0.385	ng	# 78
21) Hexachlorobenzene	16.52	284	1436	0.389	ng	96
22) Pentachlorophenol	16.91	266	88	0.335	ng	99
23) Phenanthrene	17.25	178	5978	0.367	ng	99
24) Anthracene	17.35	178	4617	0.332	ng	99
26) Fluoranthene	19.28	202	7565	0.329	ng	99
28) Pyrene	19.64	202	7854	0.414	ng	99
30) Benzo(a)anthracene	21.38	228	6702	0.347	ng	99
31) Chrysene	21.44	228	7503	0.363	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	14370	0.349	ng	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	4895	0.224	ng	93
35) Benzo(b)fluoranthene	23.18	252	7289	0.400	ng	95
36) Benzo(k)fluoranthene	23.18	252	7707	0.404	ng	98
37) Benzo(a)pyrene	23.79	252	6509	0.372	ng	# 82
38) Dibenzo(a,h)anthracene	26.58	278	3281	0.198	ng	# 89
39) Benzo(g,h,i)perylene	27.36	276	4340	0.251	ng	# 93

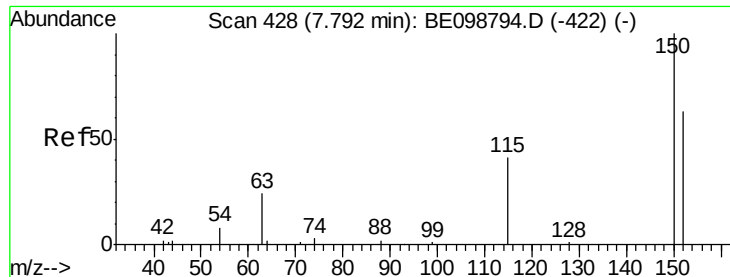
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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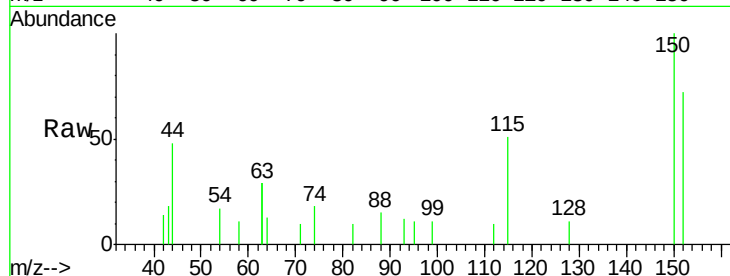


#1

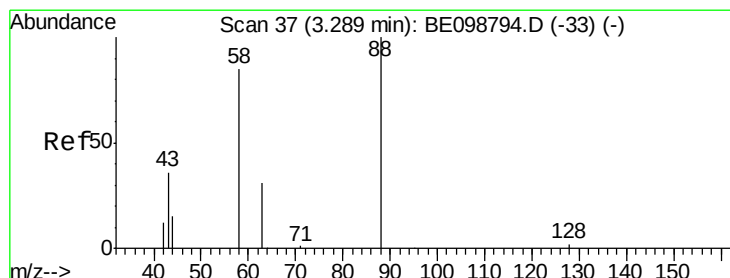
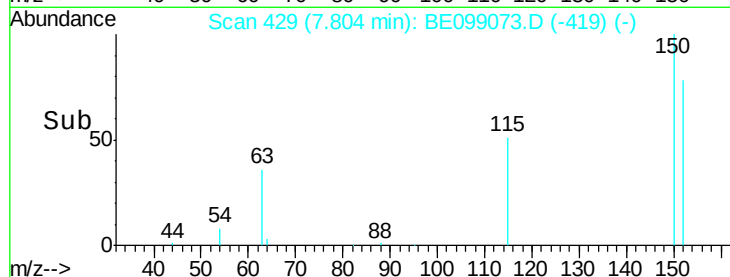
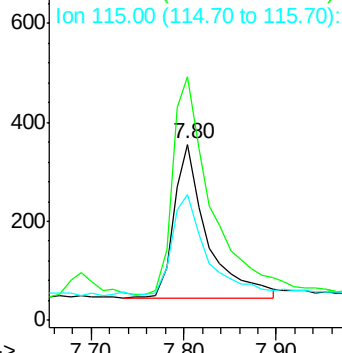
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE099073.D
Acq: 20 Mar 2019 18:07

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 784
Ion Ratio Lower Upper
152 100
150 138.2 122.5 183.7
115 71.1 57.4 86.2



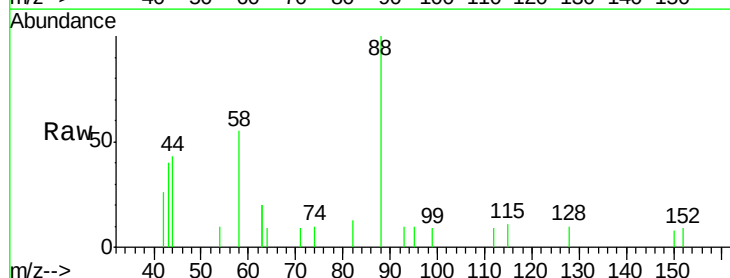
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



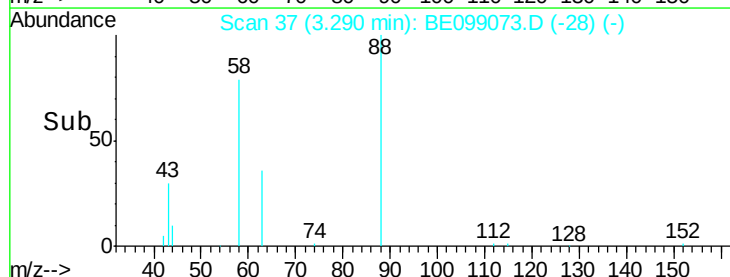
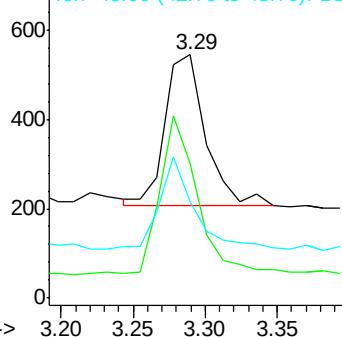
#2

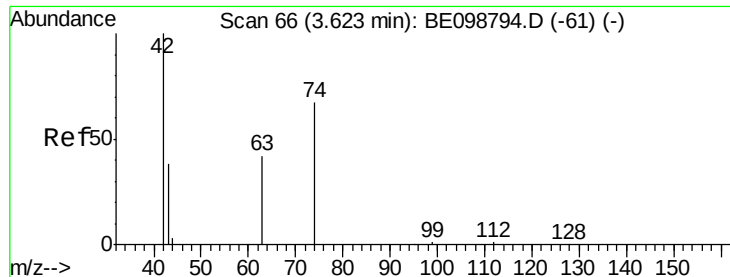
1,4-Dioxane
Concen: 0.448 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE099073.D
Acq: 20 Mar 2019 18:07

Tgt Ion: 88 Resp: 667
Ion Ratio Lower Upper
88 100
58 94.0 75.8 113.6
43 51.0 41.8 62.8



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



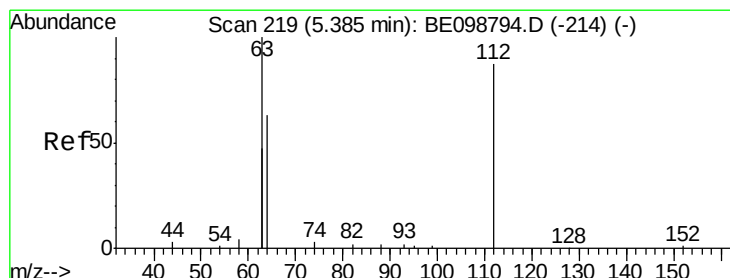
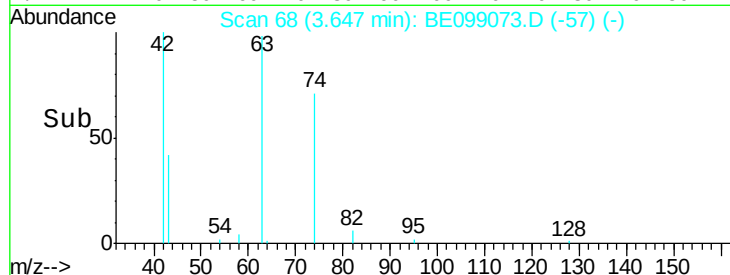
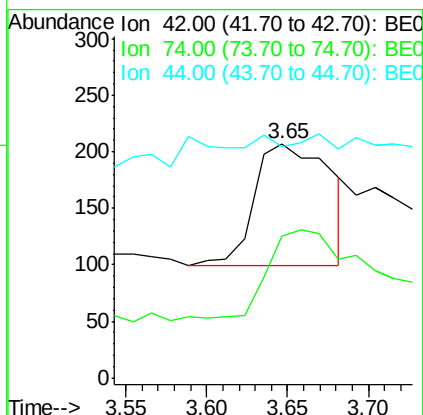
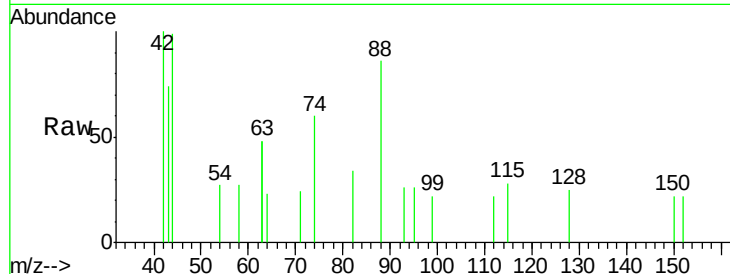


#3

n-Nitrosodimethylamine
Concen: 0.179 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.02 min
Lab File: BE099073.D
Acq: 20 Mar 2019 18:07

Instrument :
BNA_E
ClientSampleId :

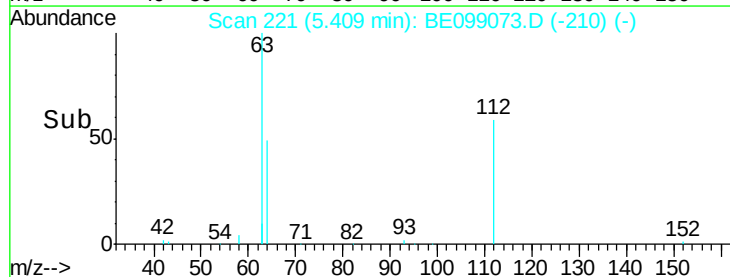
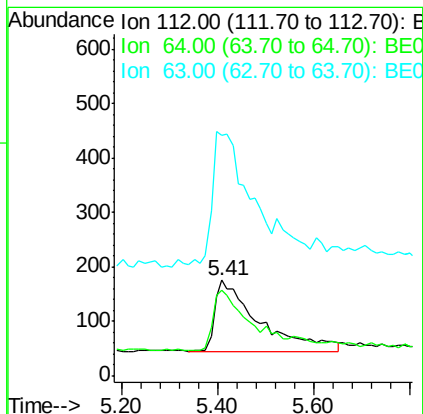
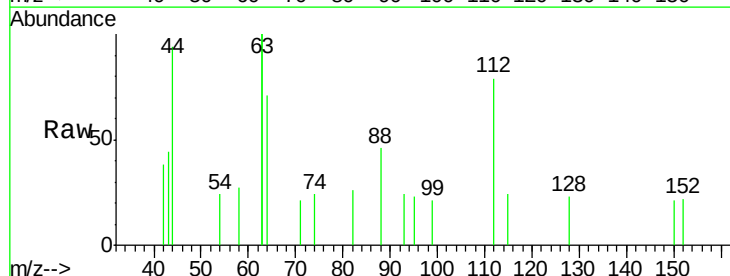
Tot Ion: 42 Resp: 354
Ion Ratio Lower Upper
42 100
74 61.6 57.0 85.4
44 0.0 0.0 0.0

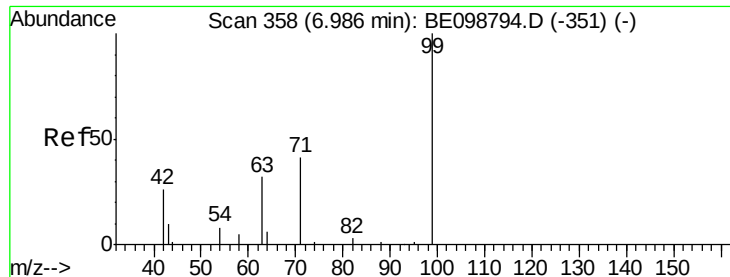


#4

2-Fluorophenol
Concen: 0.358 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.02 min
Lab File: BE099073.D
Acq: 20 Mar 2019 18:07

Tgt Ion: 112 Resp: 839
Ion Ratio Lower Upper
112 100
64 69.4 57.9 86.9
63 151.3 158.3 237.5#





#5

Phenol-d6

Concen: 0.387 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

Instrument :

BNA_E

ClientSampled :

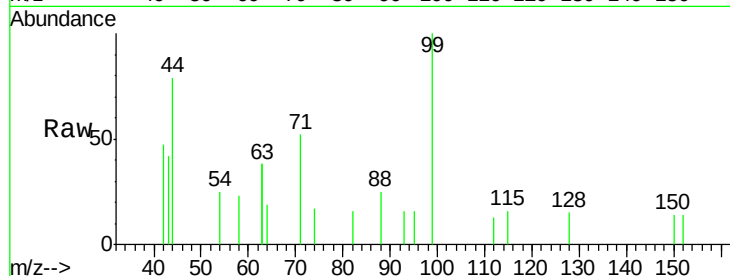
Tot Ion: 99 Resp: 1280

Ion Ratio Lower Upper

99 100

42 34.2 24.2 36.2

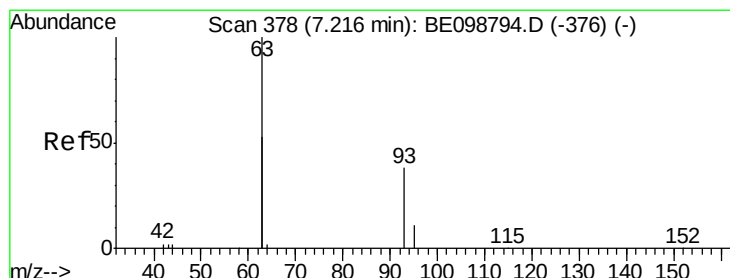
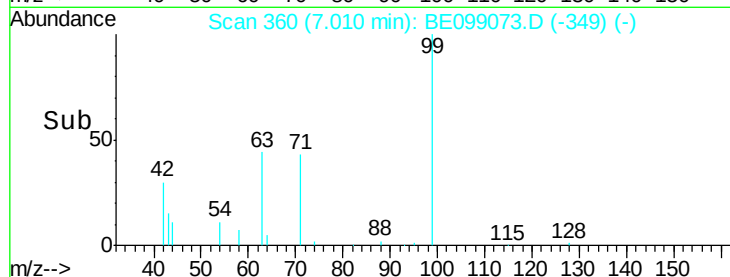
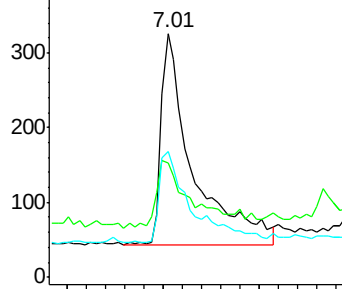
71 45.5 35.7 53.5



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: 0.318 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.02 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

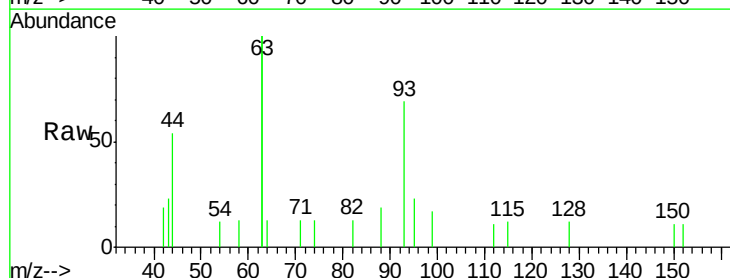
Tgt Ion: 93 Resp: 812

Ion Ratio Lower Upper

93 100

63 287.4 247.5 371.3

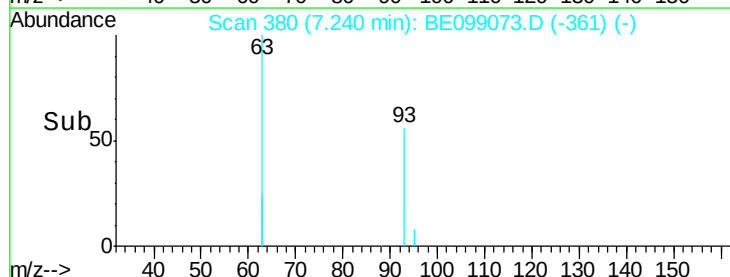
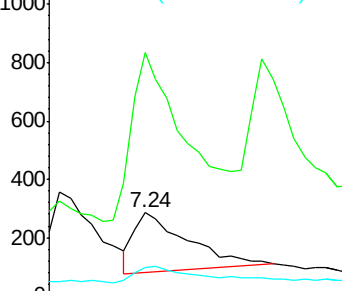
95 34.5 21.8 32.8#

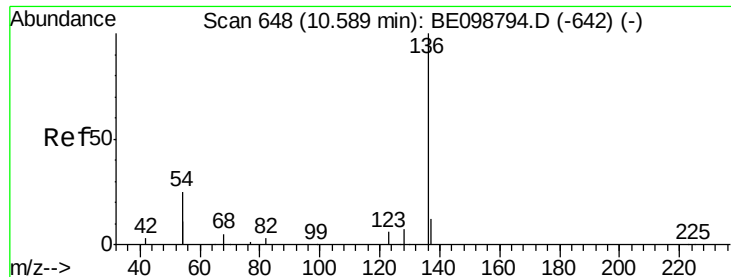


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3649

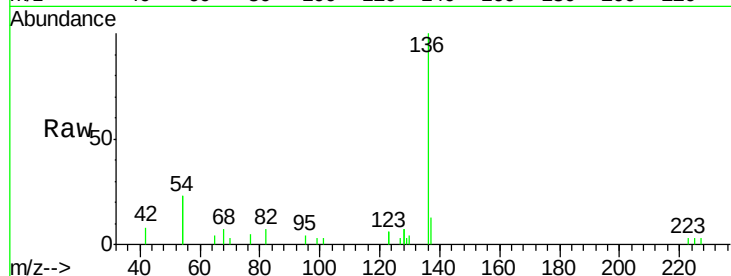
Ion Ratio Lower Upper

136 100

137 13.5 11.4 17.0

54 46.5 39.3 58.9

68 7.0 6.7 10.1

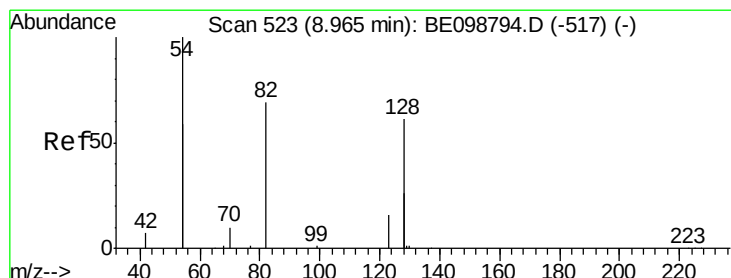
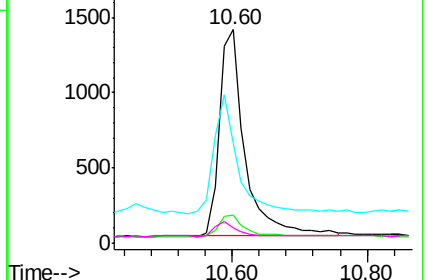
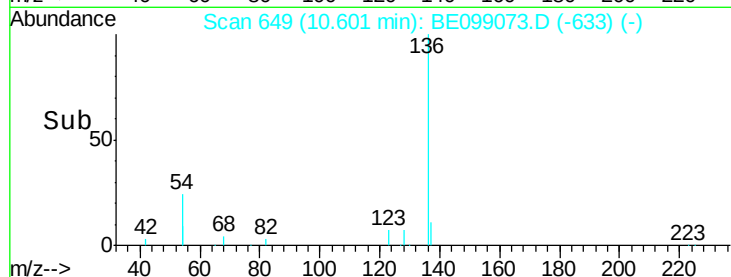


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.351 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

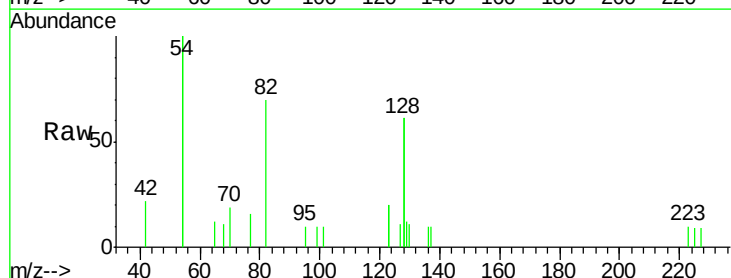
Tgt Ion: 82 Resp: 1344

Ion Ratio Lower Upper

82 100

128 173.8 123.8 185.8

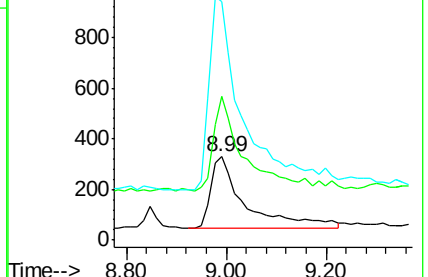
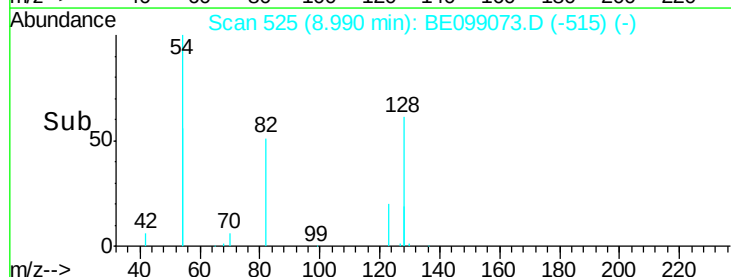
54 286.6 203.4 305.2

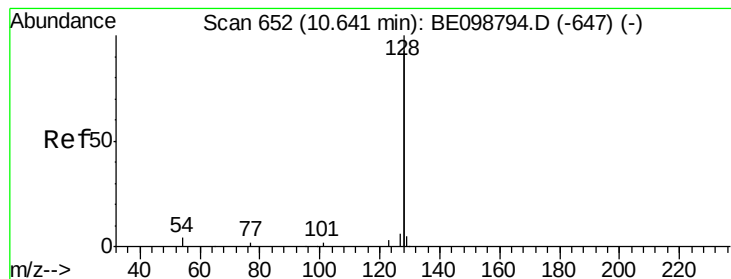


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.388 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

Instrument :

BNA_E

ClientSampleId :

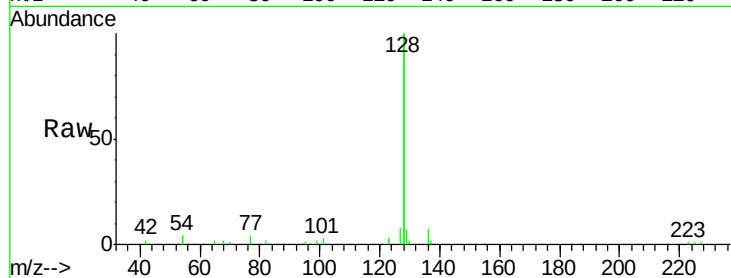
Tot Ion:128 Resp: 16207

Ion Ratio Lower Upper

128 100

129 3.4 2.6 4.0

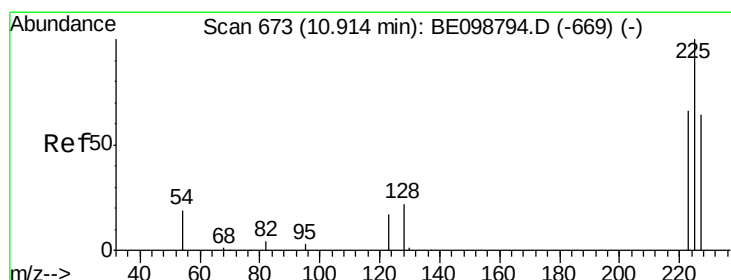
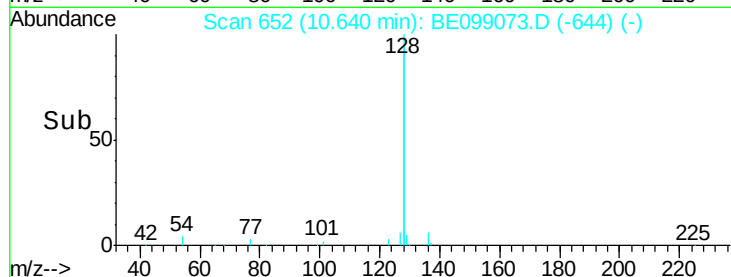
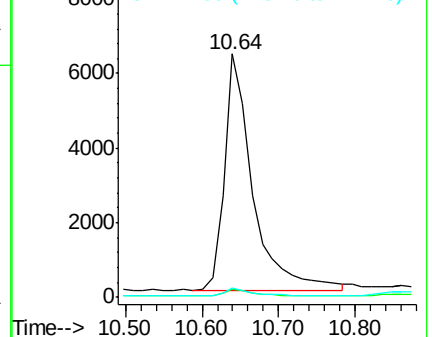
127 3.8 3.1 4.7



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: 0.353 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

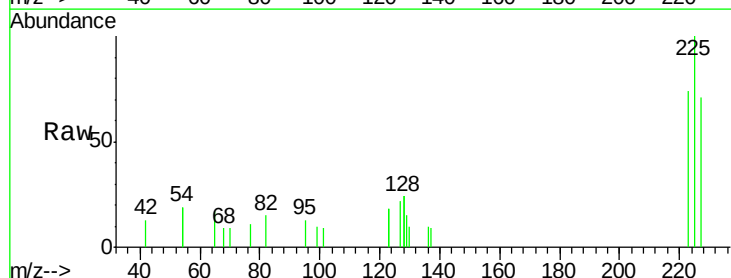
Tgt Ion:225 Resp: 977

Ion Ratio Lower Upper

225 100

223 64.1 51.1 76.7

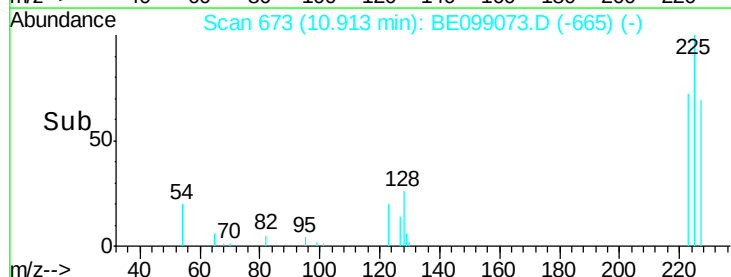
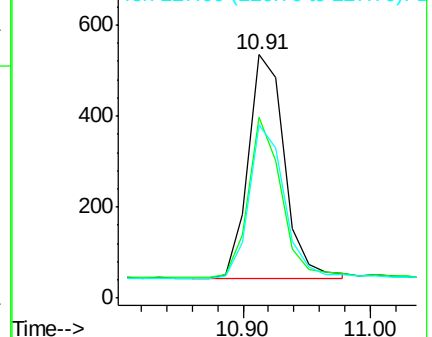
227 65.3 51.6 77.4

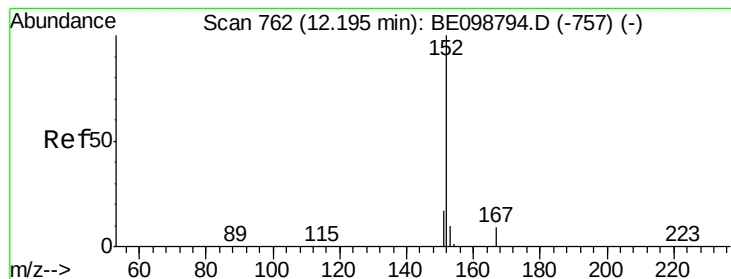


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.389 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

Instrument :

BNA_E

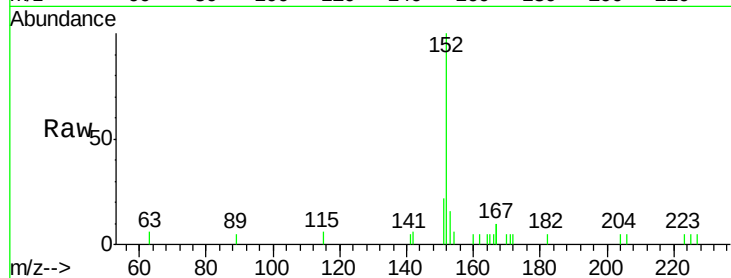
ClientSampled :

Tot Ion:152 Resp: 2626

Ion Ratio Lower Upper

152 100

151 19.3 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

800

600

400

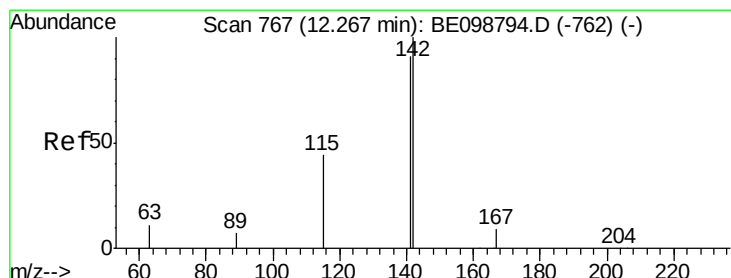
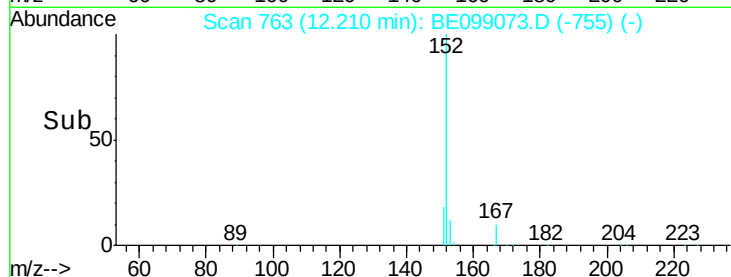
200

0

12.20

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.383 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.02 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

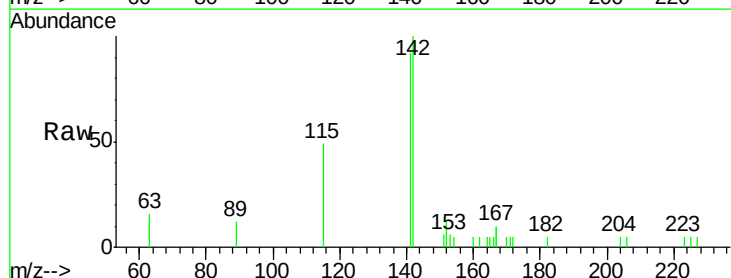
Tgt Ion:142 Resp: 2594

Ion Ratio Lower Upper

142 100

141 92.3 72.6 108.8

115 48.6 37.4 56.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.28

1200

1000

800

600

400

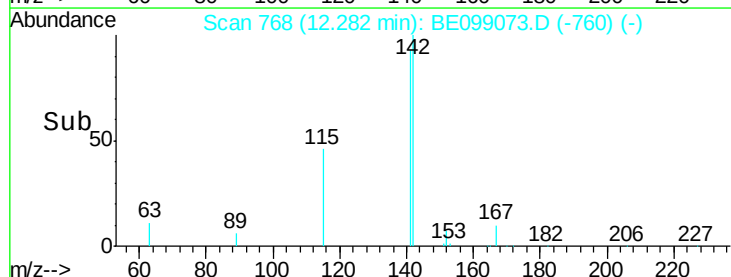
200

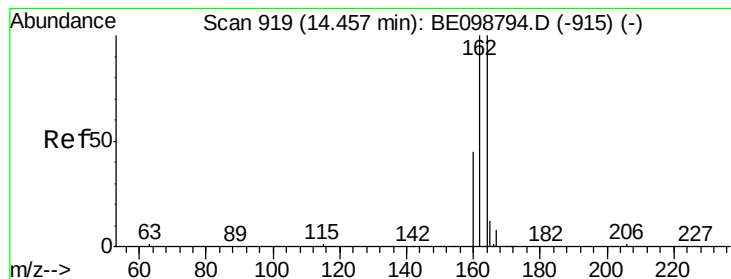
0

12.20

12.30

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

Instrument :

BNA_E

ClientSampleId :

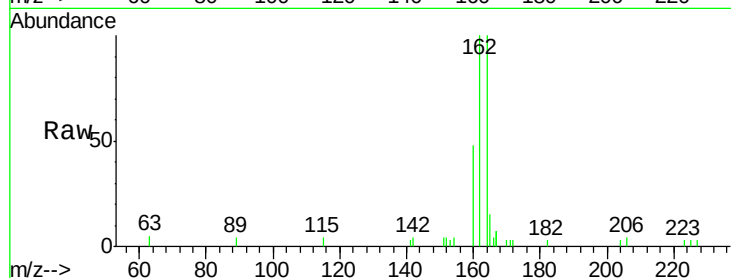
Tot Ion:164 Resp: 2466

Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.2

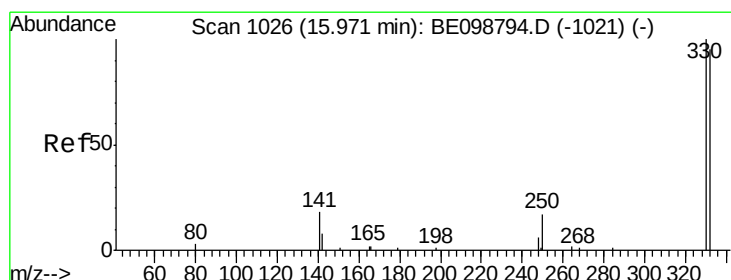
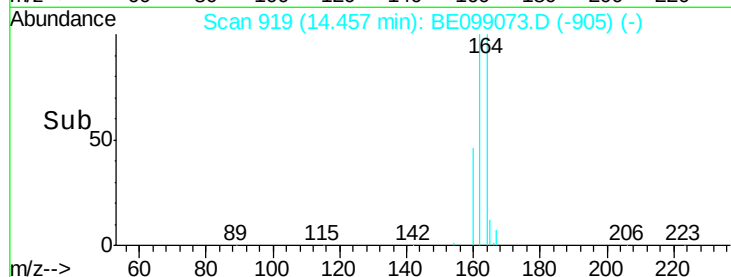
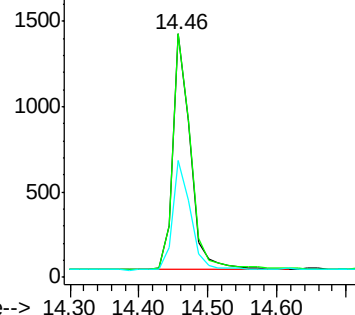
160 48.0 37.8 56.8



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: 0.284 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

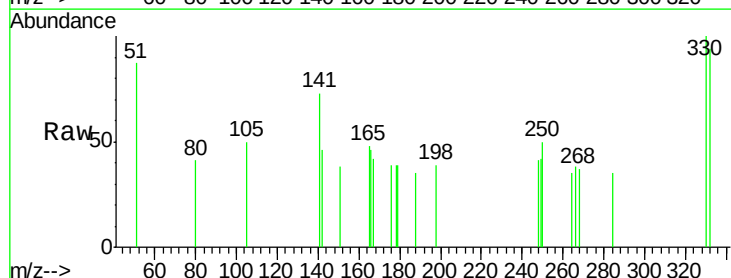
Tgt Ion:330 Resp: 353

Ion Ratio Lower Upper

330 100

332 80.2 77.6 116.4

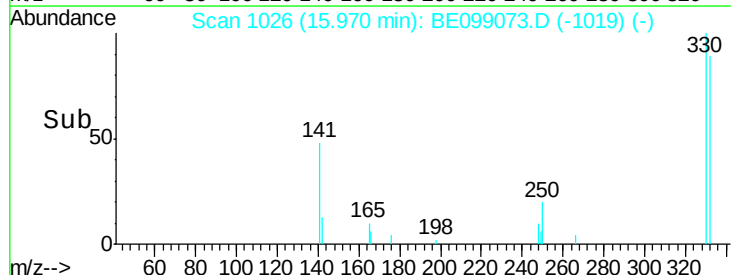
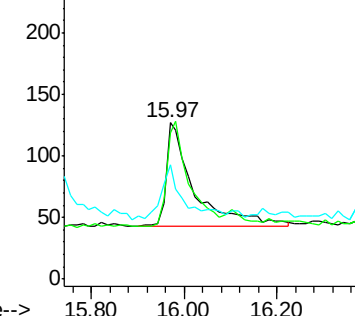
141 39.9 31.0 46.4

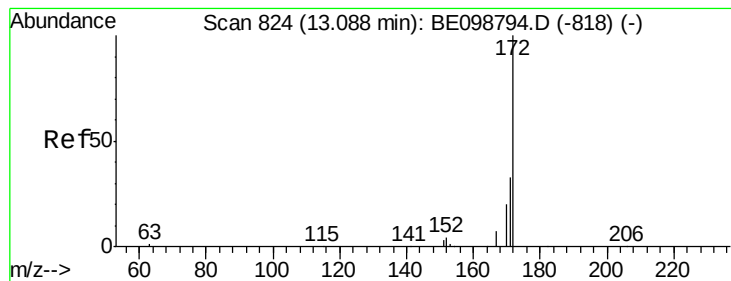


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

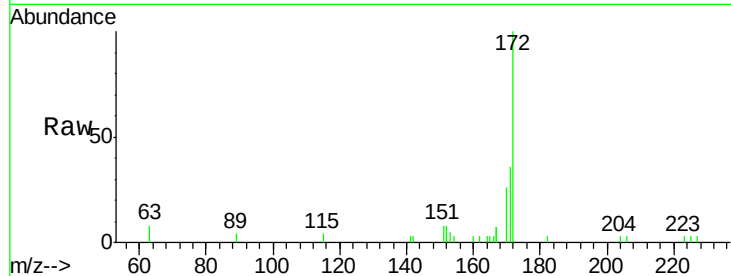




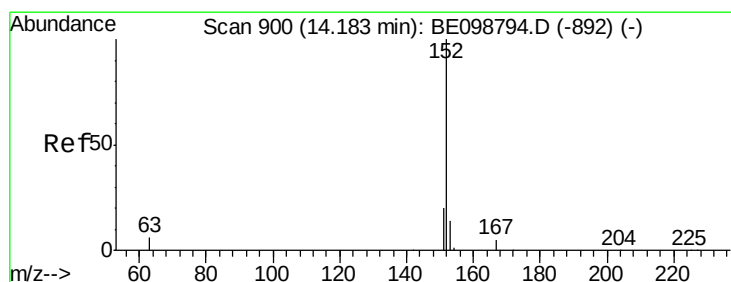
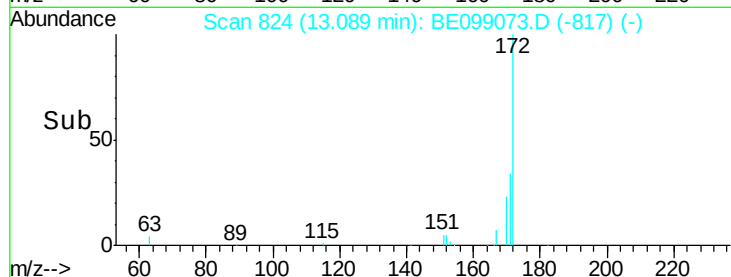
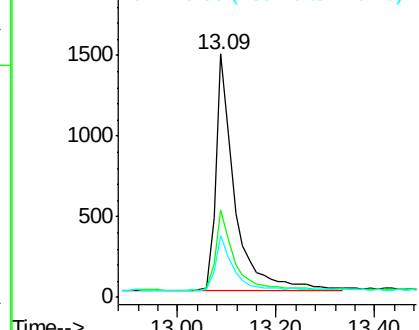
#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099073.D
Acq: 20 Mar 2019 18:07

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3821
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 25.5 17.7 26.5

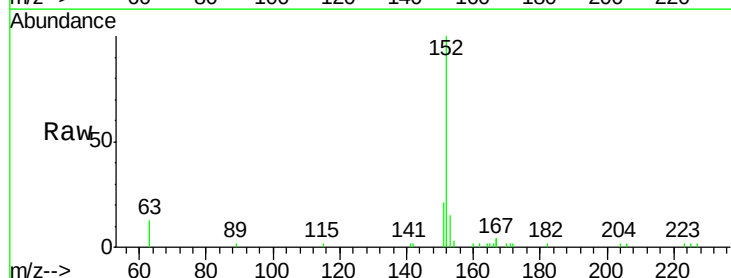


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

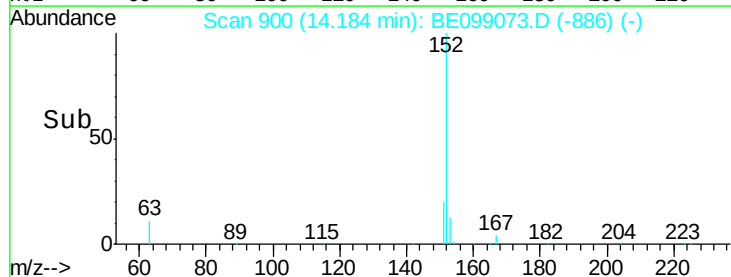
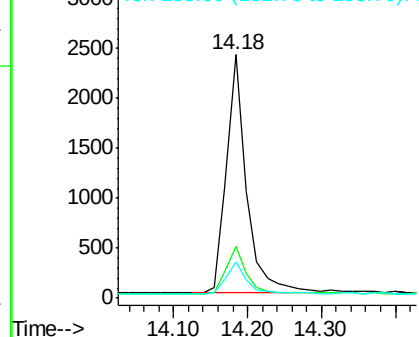


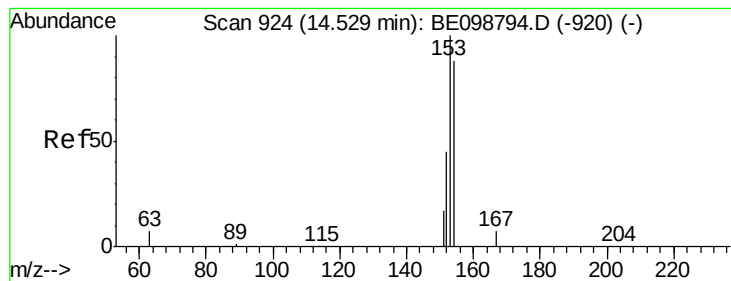
#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099073.D
Acq: 20 Mar 2019 18:07

Tgt Ion:152 Resp: 4564
Ion Ratio Lower Upper
152 100
151 20.3 17.0 25.6
153 13.0 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.362 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

Instrument :

BNA_E

ClientSampleId :

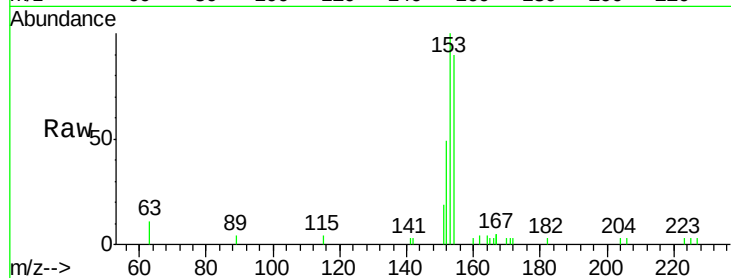
Tot Ion:154 Resp: 2727

Ion Ratio Lower Upper

154 100

153 117.1 94.2 141.4

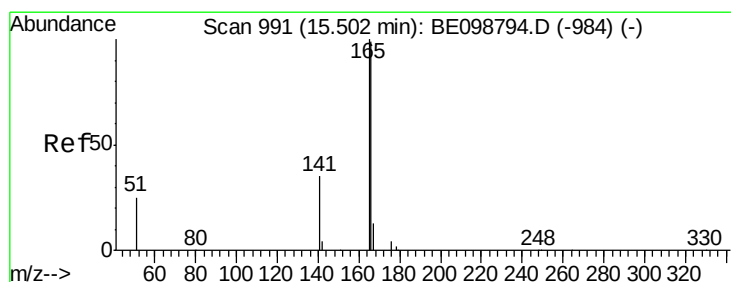
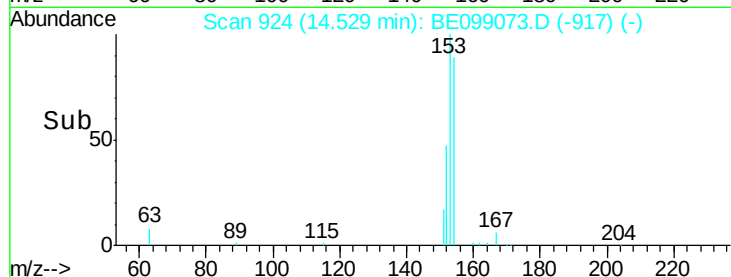
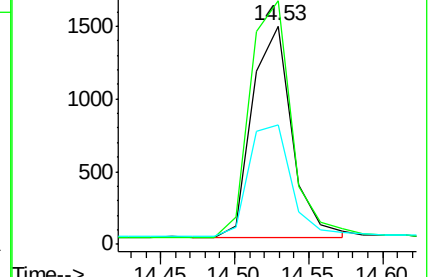
152 57.2 45.0 67.4



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: 0.346 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

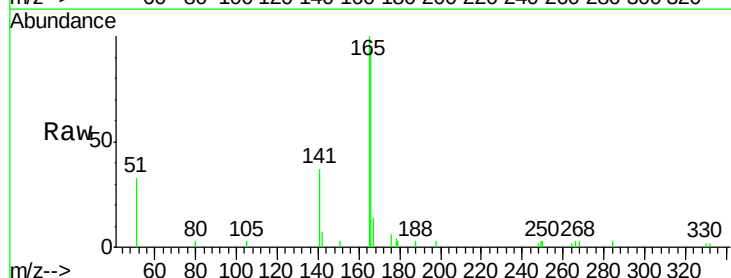
Tgt Ion:166 Resp: 3753

Ion Ratio Lower Upper

166 100

165 101.7 79.3 118.9

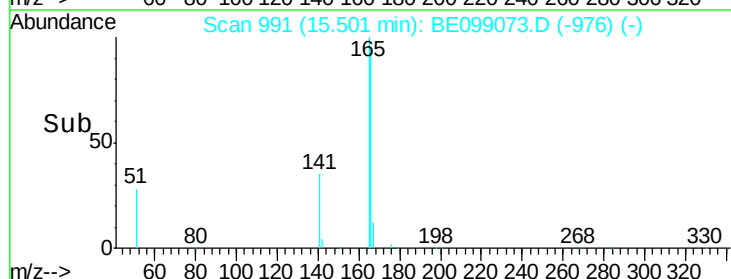
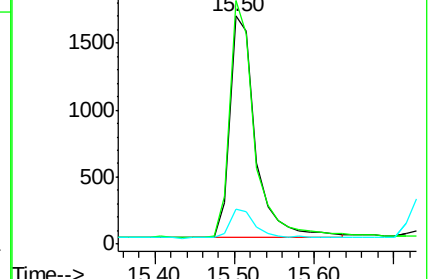
167 12.9 10.5 15.7

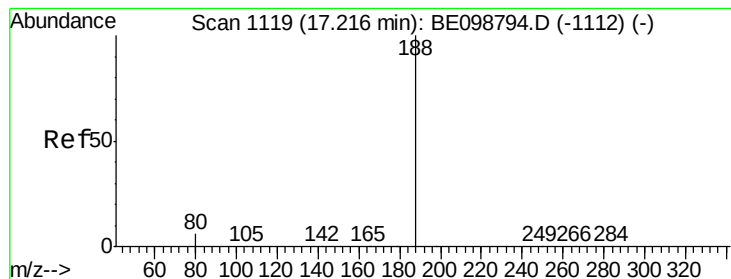


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

Instrument :

BNA_E

ClientSampleId :

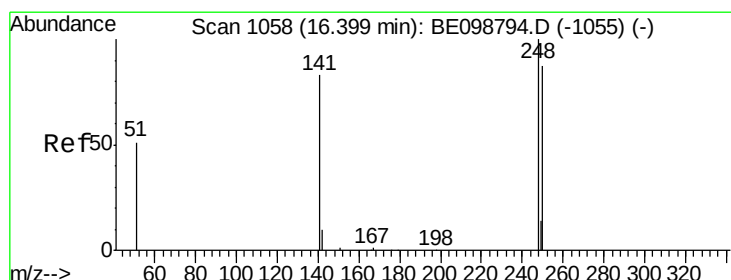
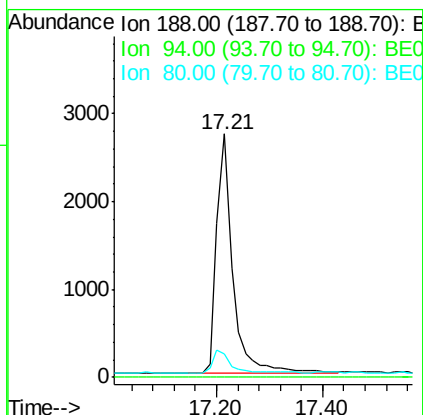
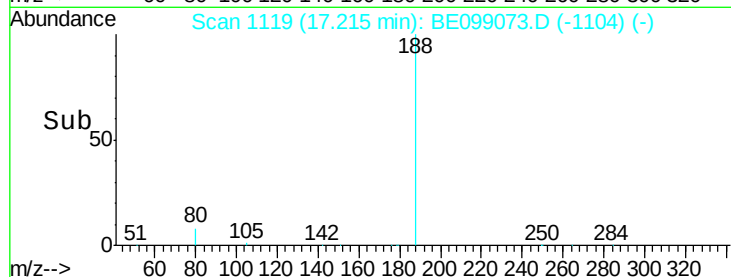
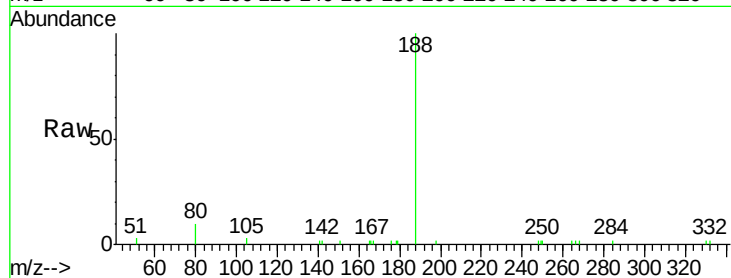
Tot Ion:188 Resp: 5727

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 6.3 9.5#



#20

4-Bromophenyl-phenylether

Concen: 0.385 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

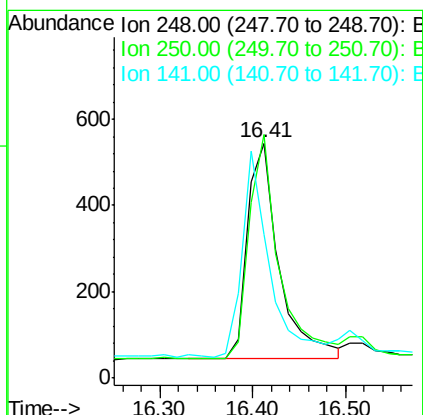
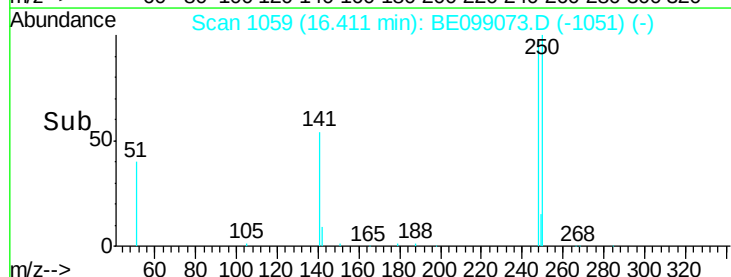
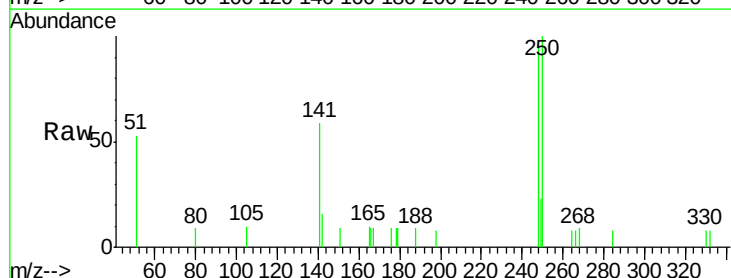
Tgt Ion:248 Resp: 1194

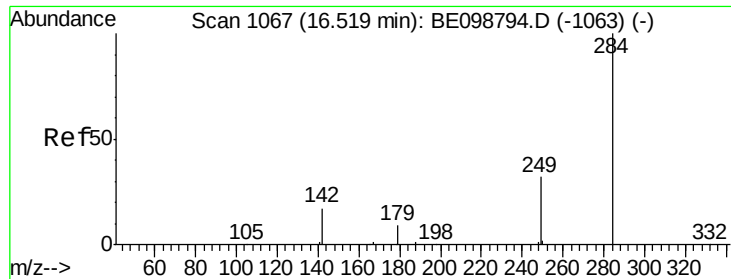
Ion Ratio Lower Upper

248 100

250 103.7 70.6 105.8

141 61.0 68.6 102.8#

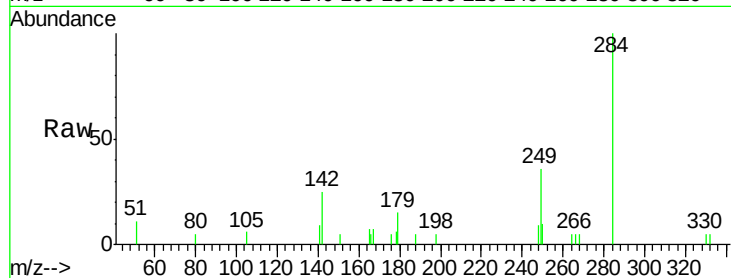




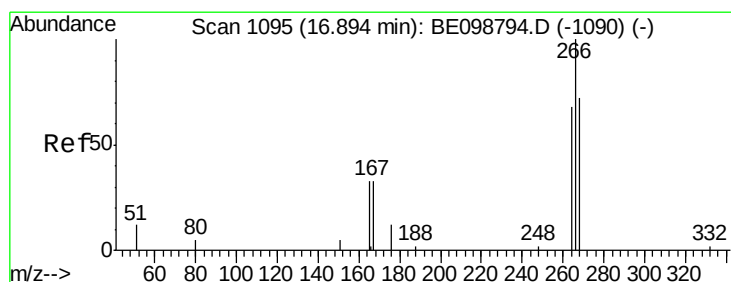
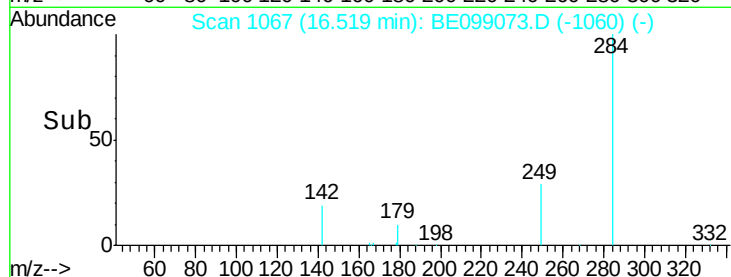
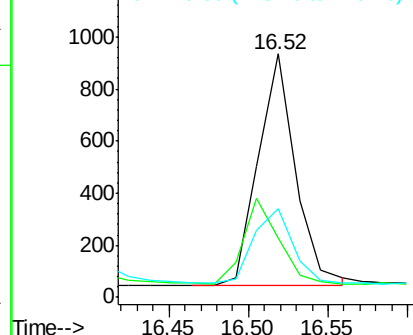
#21
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099073.D
Acq: 20 Mar 2019 18:07

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1436
Ion Ratio Lower Upper
284 100
142 34.5 28.7 43.1
249 34.0 29.6 44.4

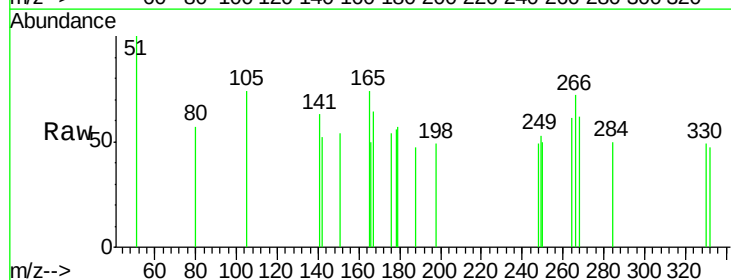


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

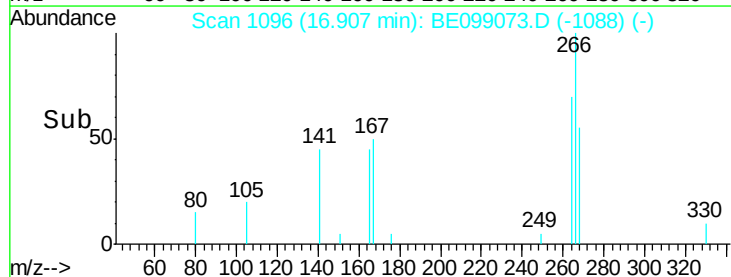
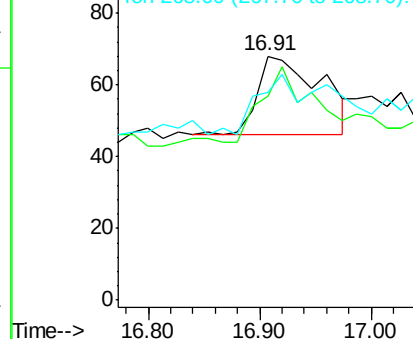


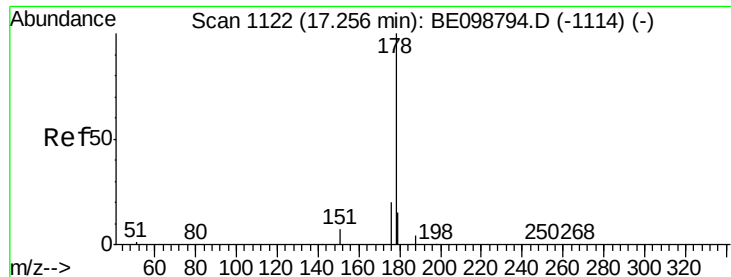
#22
Pentachlorophenol
Concen: 0.335 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099073.D
Acq: 20 Mar 2019 18:07

Tgt Ion:266 Resp: 88
Ion Ratio Lower Upper
266 100
264 83.8 66.6 100.0
268 85.3 69.8 104.8



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: 0.367 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

Instrument :

BNA_E

ClientSampleId :

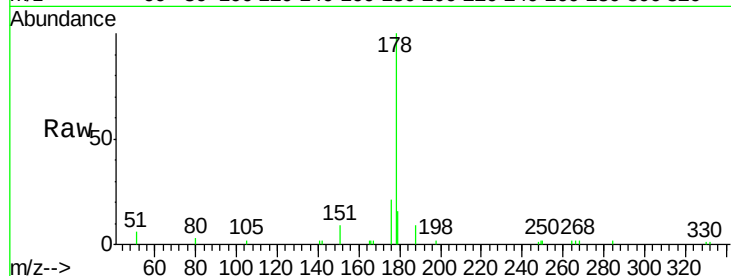
Tot Ion:178 Resp: 5978

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

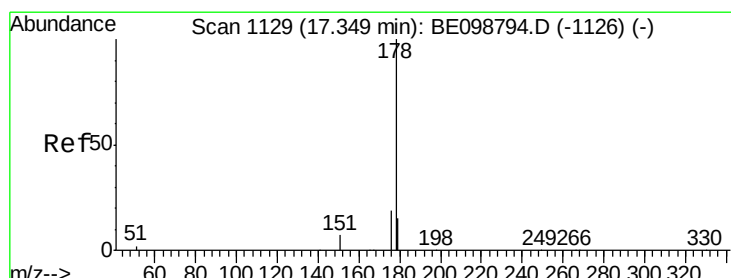
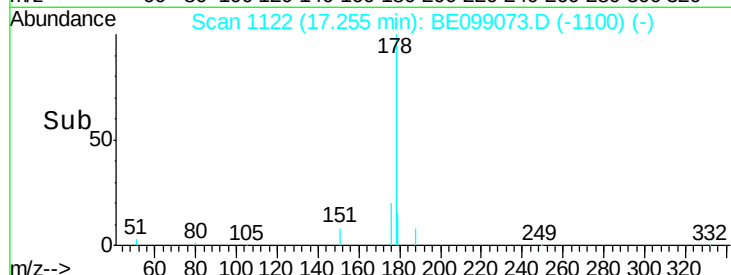
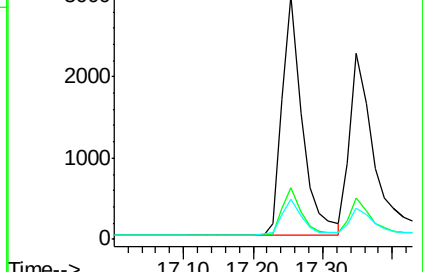
179 14.8 12.1 18.1



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: 0.332 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

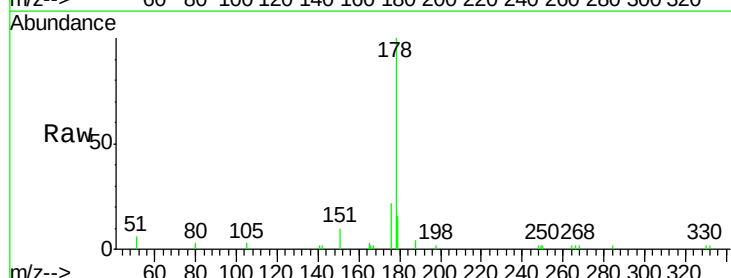
Tgt Ion:178 Resp: 4617

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

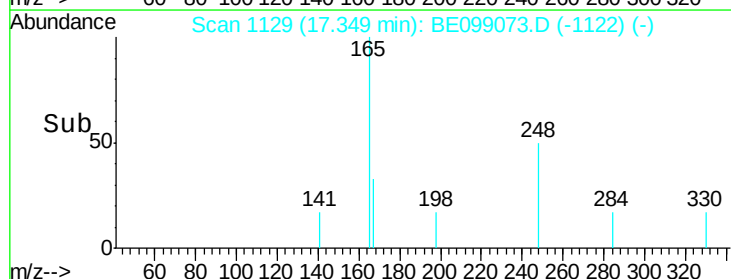
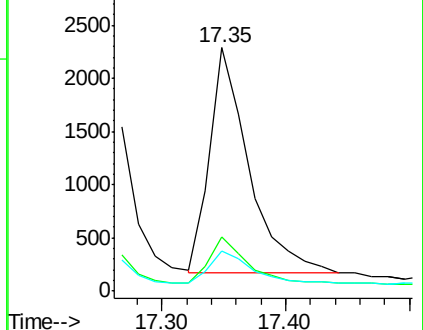
179 15.2 12.2 18.4

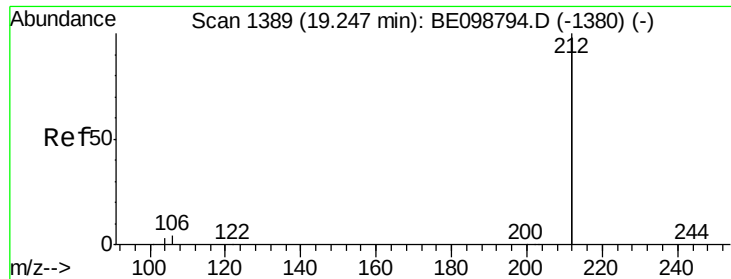


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.331 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

Instrument :

BNA_E

ClientSampled :

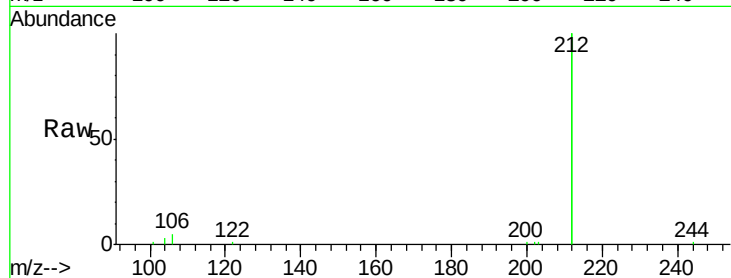
Tot Ion:212 Resp: 30214

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

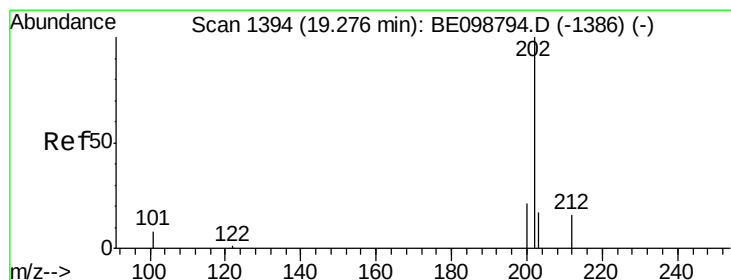
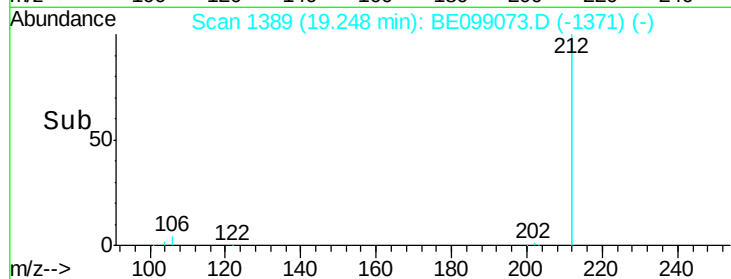
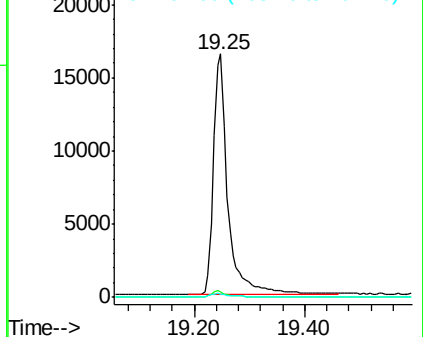
104 1.3 1.0 1.6



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: 0.329 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

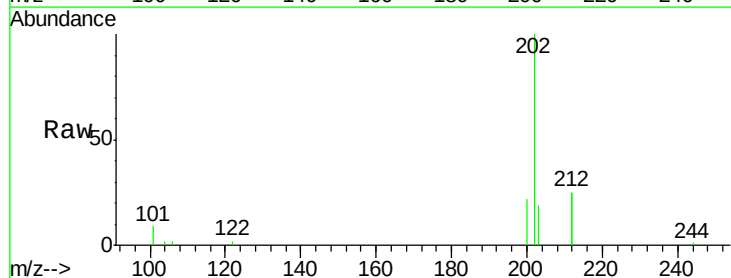
Tgt Ion:202 Resp: 7565

Ion Ratio Lower Upper

202 100

101 9.1 7.3 10.9

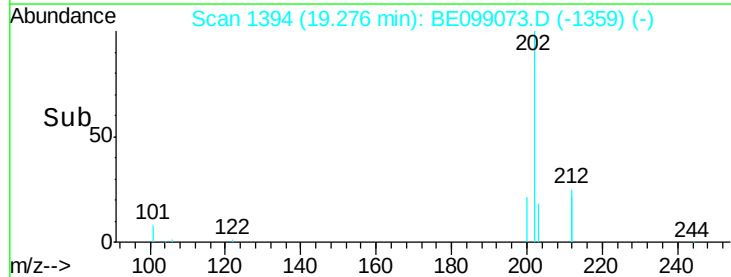
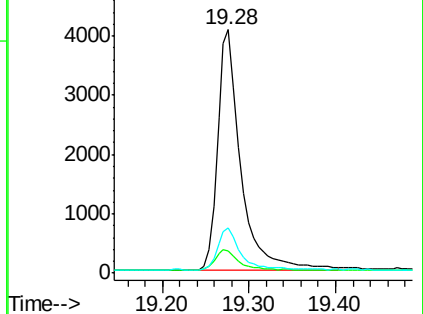
203 17.3 13.4 20.2

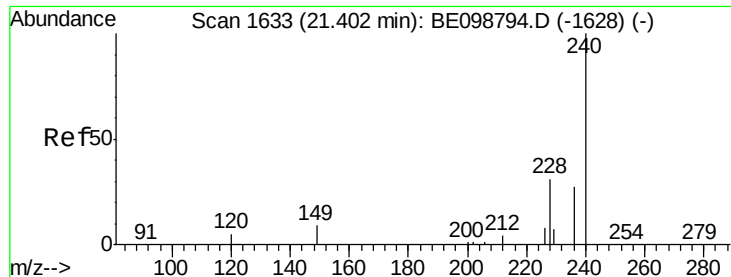


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

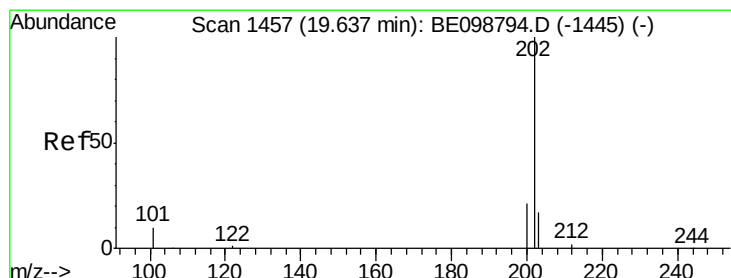
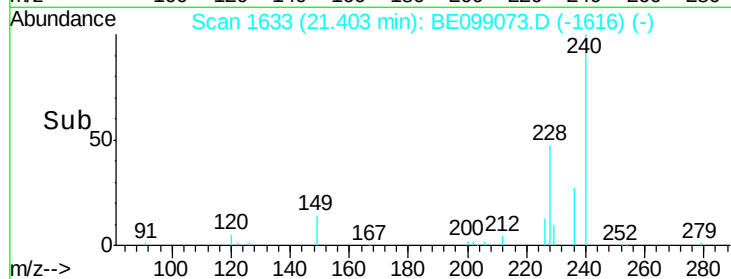
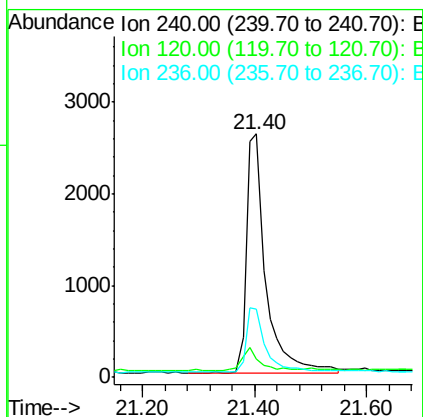
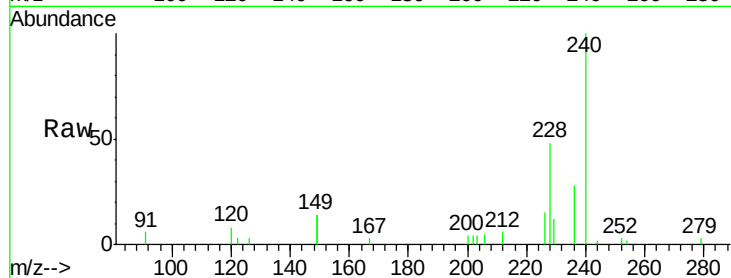




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099073.D
Acq: 20 Mar 2019 18:07

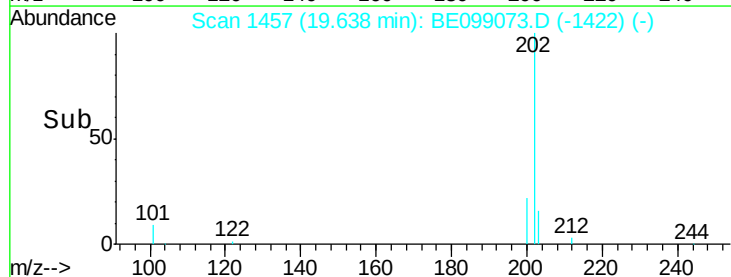
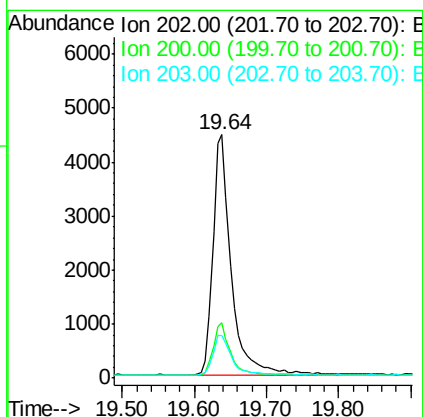
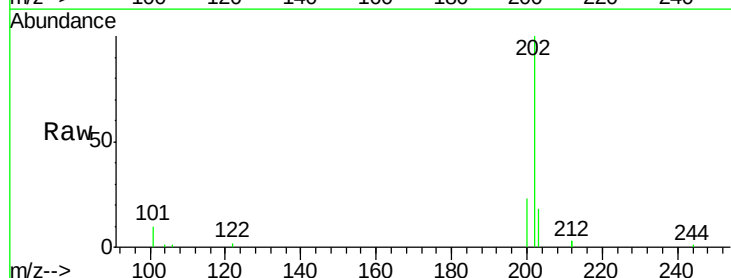
Instrument :
BNA_E
ClientSampleId :

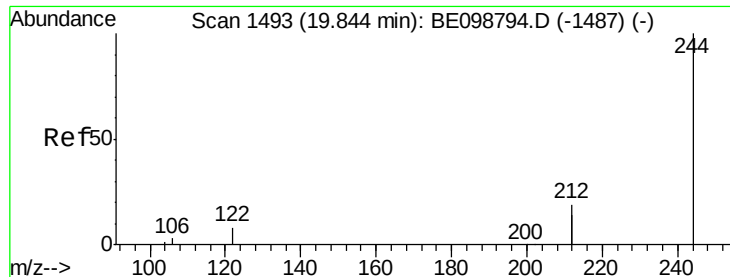
Tot Ion:240 Resp: 6195
Ion Ratio Lower Upper
240 100
120 7.5 5.0 7.4#
236 28.1 22.7 34.1



#28
Pyrene
Concen: 0.414 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BE099073.D
Acq: 20 Mar 2019 18:07

Tgt Ion:202 Resp: 7854
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.6
203 17.4 14.2 21.2





#29

Terphenyl-d14

Concen: 0.388 ng

RT: 19.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

Instrument :

BNA_E

ClientSampleId :

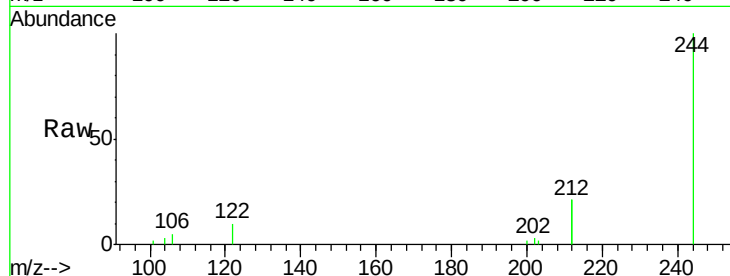
Tot Ion:244 Resp: 5835

Ion Ratio Lower Upper

244 100

212 41.2 29.4 44.2

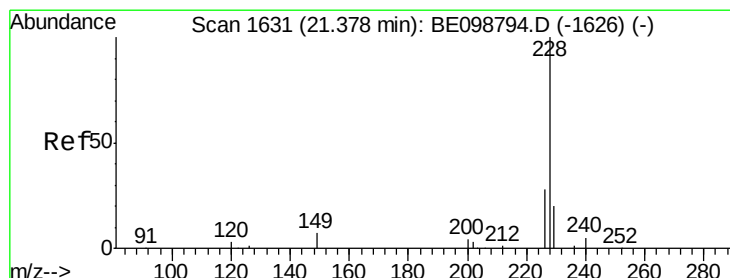
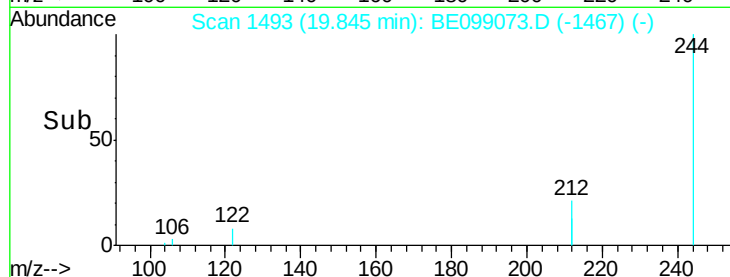
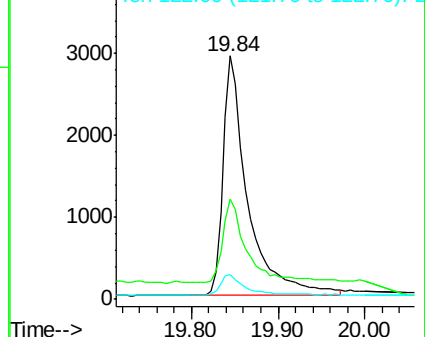
122 10.0 7.1 10.7



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: 0.347 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

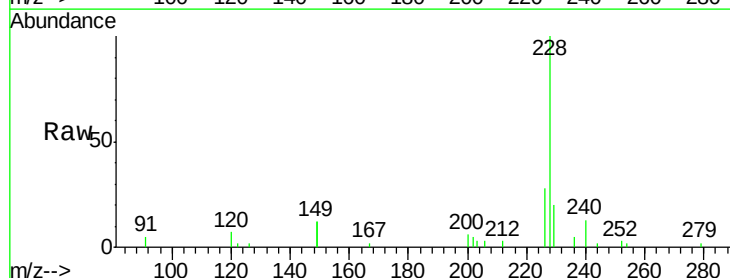
Tgt Ion:228 Resp: 6702

Ion Ratio Lower Upper

228 100

226 28.2 23.0 34.4

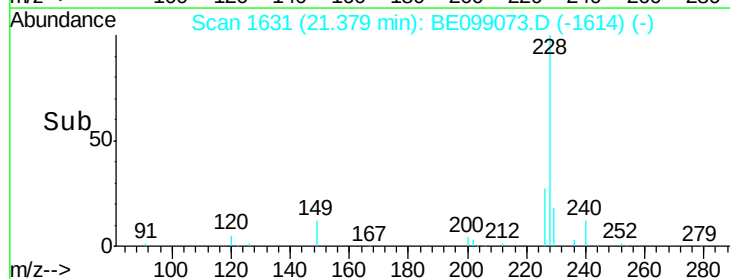
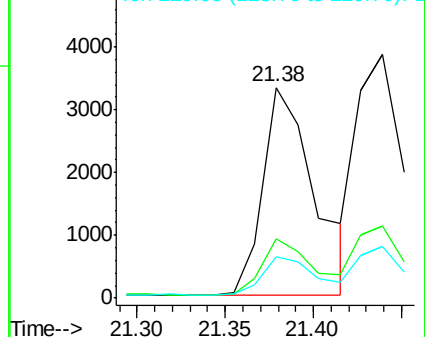
229 19.5 16.5 24.7

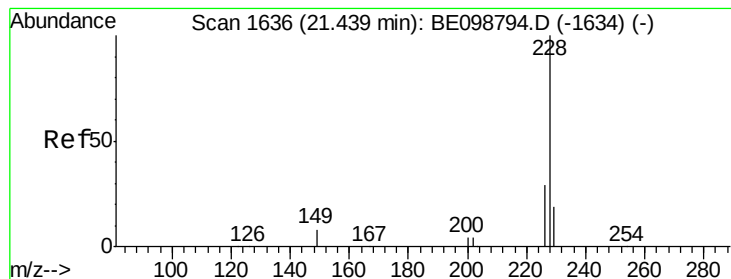


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.363 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

Instrument :

BNA_E

ClientSampleId :

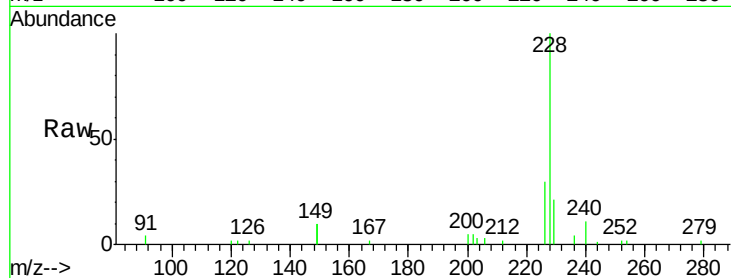
Tot Ion:228 Resp: 7503

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

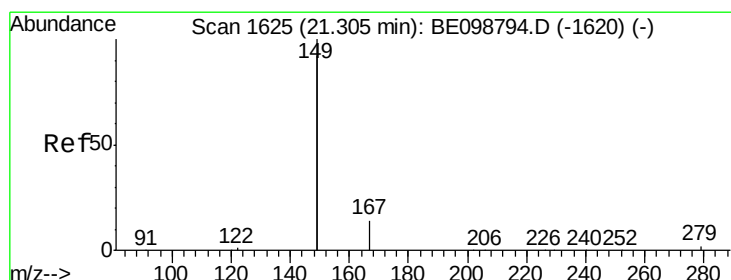
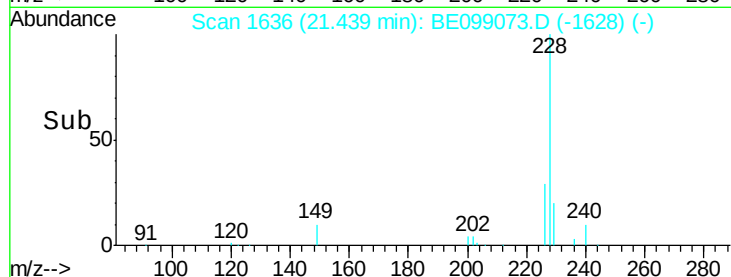
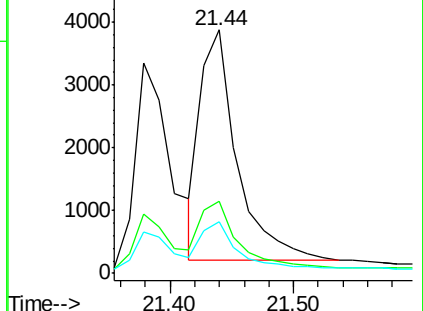
229 21.4 16.1 24.1



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: 0.349 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

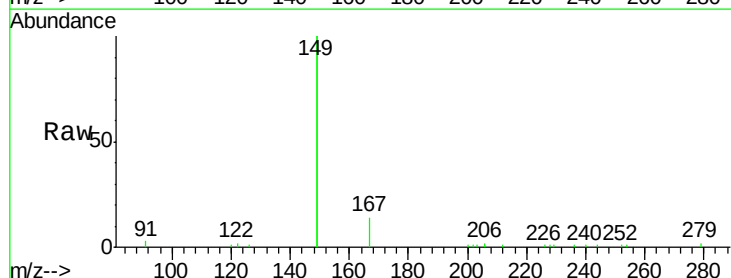
Tgt Ion:149 Resp: 14370

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

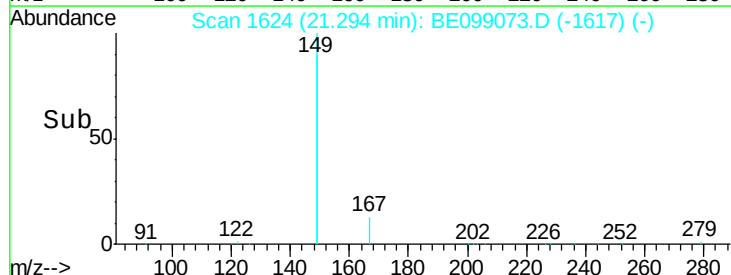
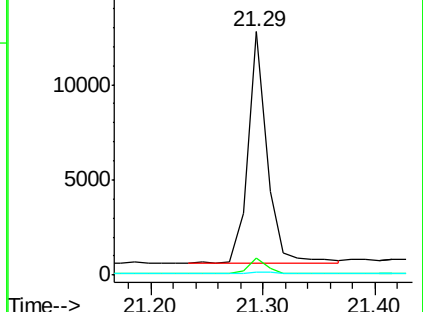
279 1.4 1.0 1.4

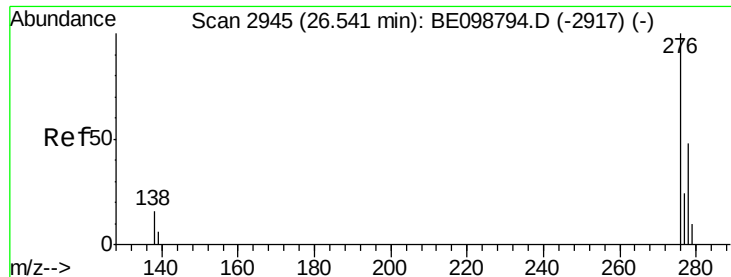


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

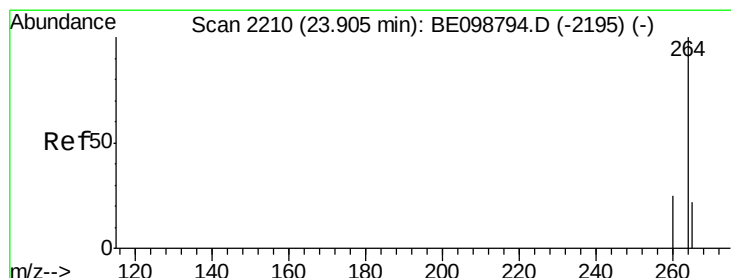
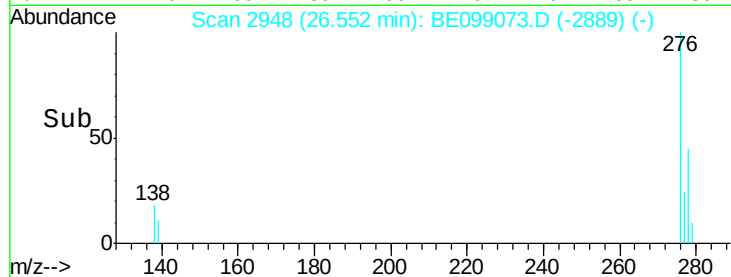
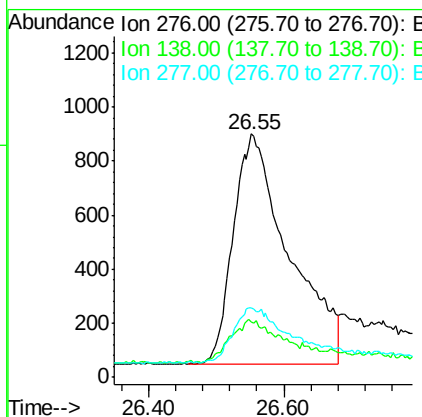
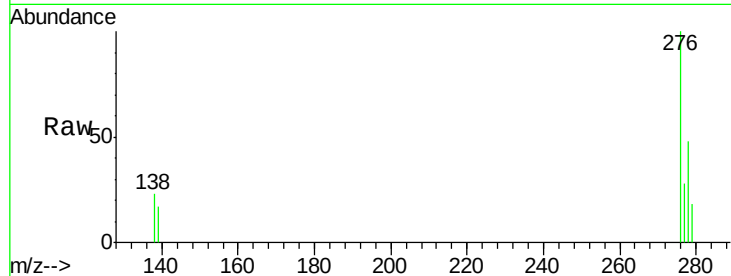




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.224 ng
 RT: 26.55 min Scan# 2948
 Delta R.T. 0.01 min
 Lab File: BE099073.D
 Acq: 20 Mar 2019 18:07

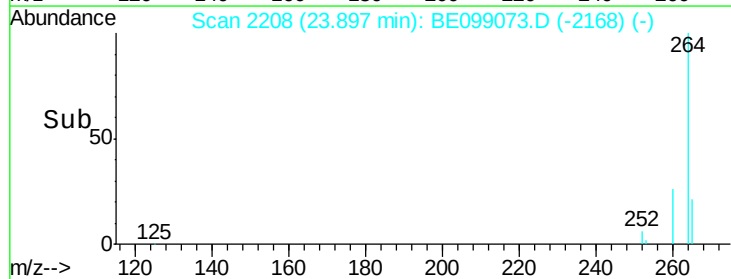
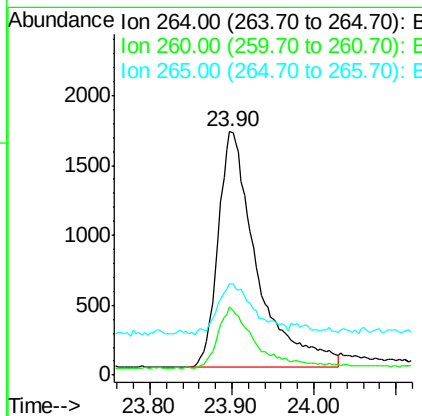
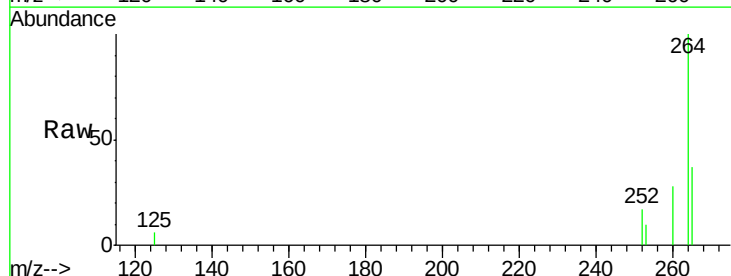
Instrument :
 BNA_E
 ClientSampleId :

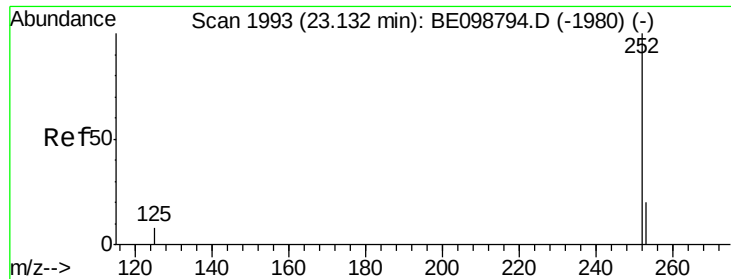
Tot Ion:276 Resp: 4895
 Ion Ratio Lower Upper
 276 100
 138 15.5 13.8 20.8
 277 19.6 19.5 29.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE099073.D
 Acq: 20 Mar 2019 18:07

Tgt Ion:264 Resp: 5544
 Ion Ratio Lower Upper
 264 100
 260 28.1 21.2 31.8
 265 37.5 24.6 36.8#

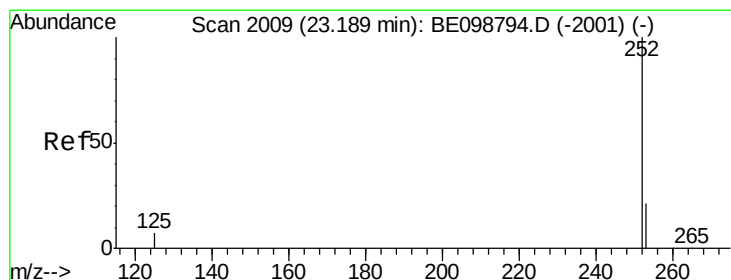
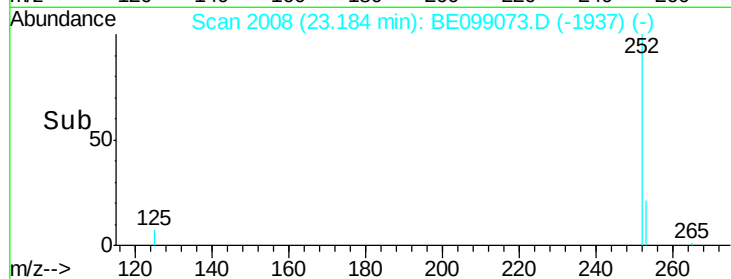
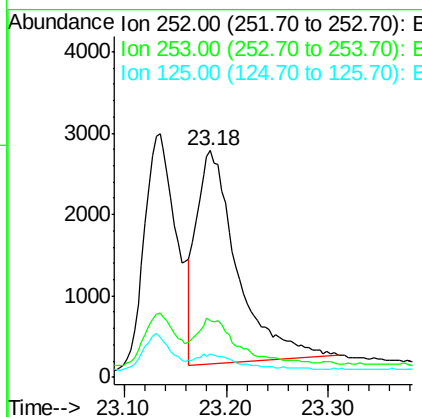
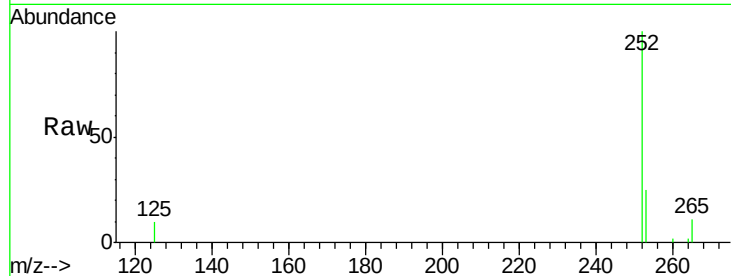




#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 23.18 min Scan# 2008
Delta R.T. 0.05 min
Lab File: BE099073.D
Acq: 20 Mar 2019 18:07

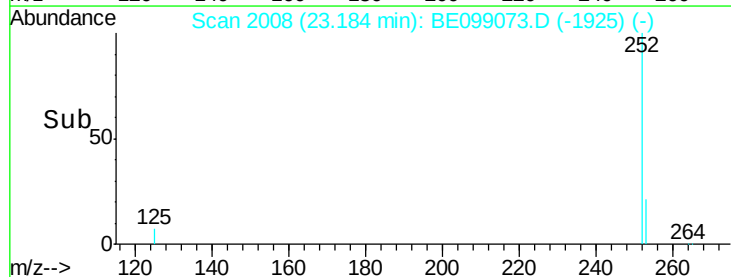
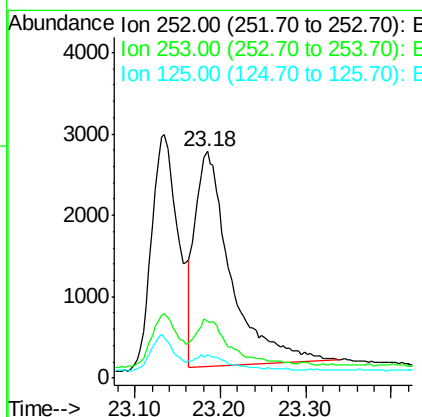
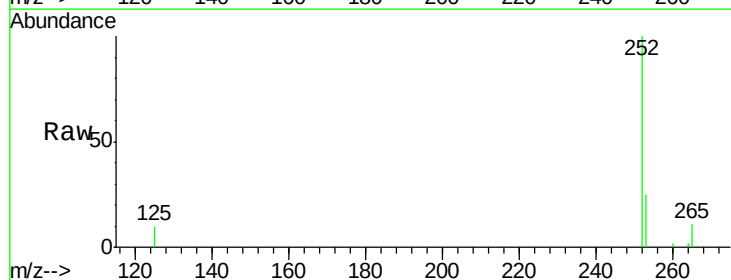
Instrument :
BNA_E
ClientSampleId :

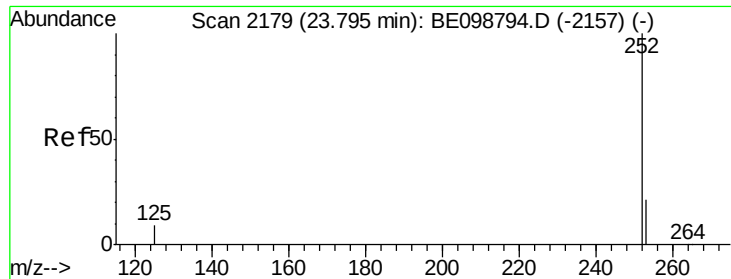
Tot Ion:252 Resp: 7289
Ion Ratio Lower Upper
252 100
253 25.2 18.2 27.2
125 10.2 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.404 ng
RT: 23.18 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BE099073.D
Acq: 20 Mar 2019 18:07

Tgt Ion:252 Resp: 7707
Ion Ratio Lower Upper
252 100
253 25.2 19.3 28.9
125 10.2 7.5 11.3

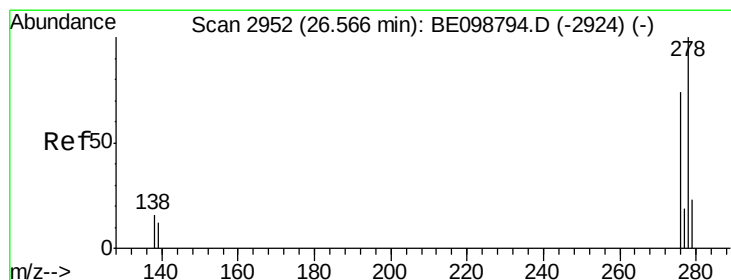
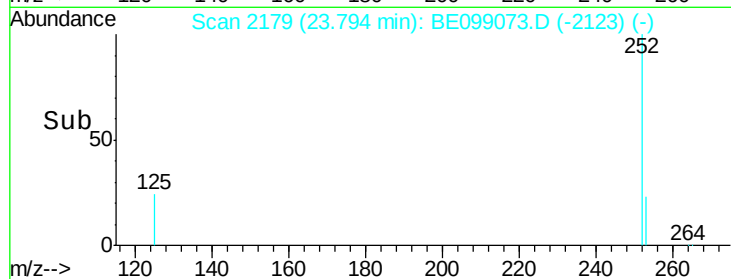
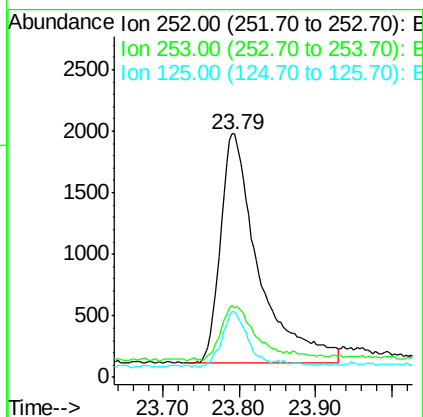
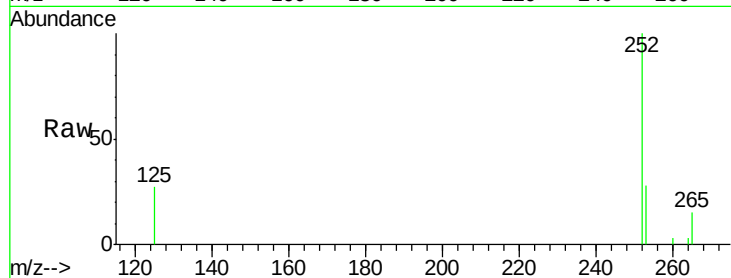




#37
Benzo(a)pyrene
Concen: 0.372 ng
RT: 23.79 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE099073.D
Acq: 20 Mar 2019 18:07

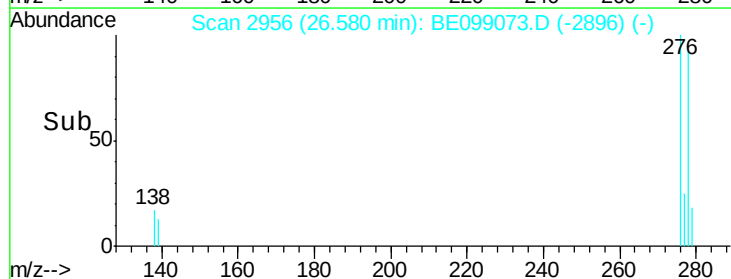
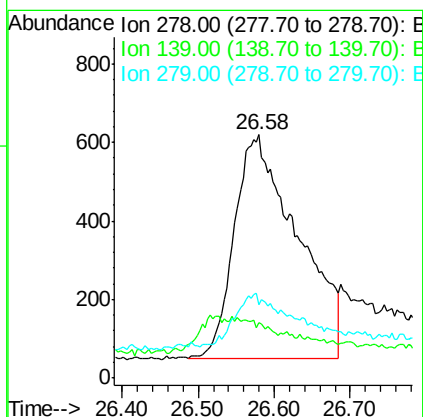
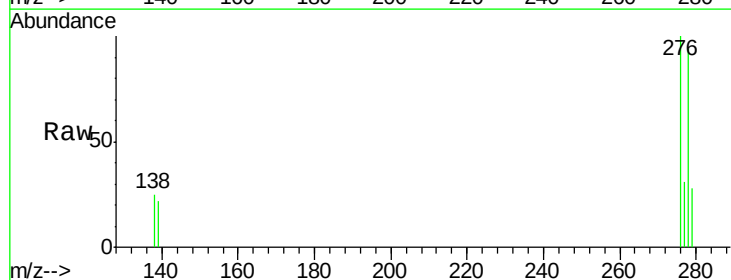
Instrument :
BNA_E
ClientSampleId :

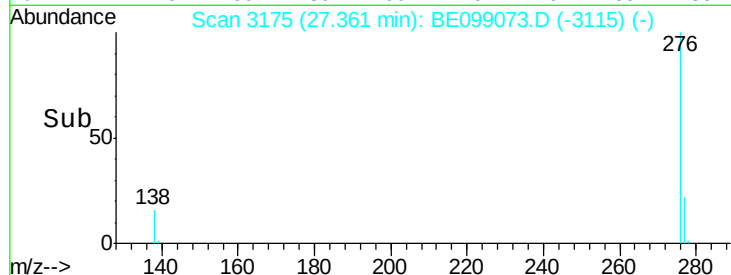
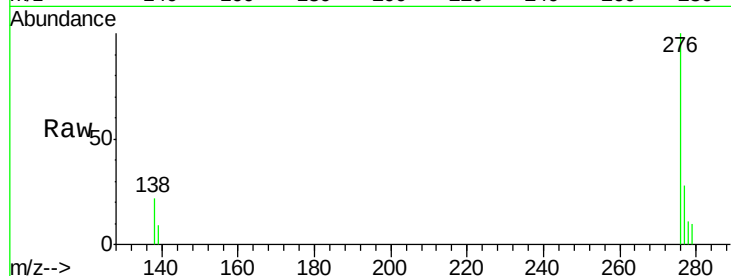
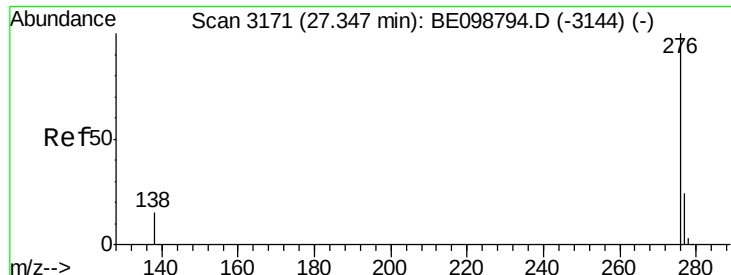
Tot Ion:252 Resp: 6509
Ion Ratio Lower Upper
252 100
253 28.5 19.9 29.9
125 27.1 9.0 13.4#



#38
Dibenzo(a,h)anthracene
Concen: 0.198 ng
RT: 26.58 min Scan# 2956
Delta R.T. 0.01 min
Lab File: BE099073.D
Acq: 20 Mar 2019 18:07

Tgt Ion:278 Resp: 3281
Ion Ratio Lower Upper
278 100
139 22.9 11.8 17.6#
279 29.8 21.1 31.7





#39

Benzo(a,h,i)perylene

Concen: 0.251 ng

RT: 27.36 min Scan# 3175

Delta R.T. 0.01 min

Lab File: BE099073.D

Acq: 20 Mar 2019 18:07

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 276 Resp: 4340

Ion Ratio Lower Upper

276 100

277 27.6 20.4 30.6

138 21.6 13.6 20.4

