

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030619\
 Data File : BE098794.D
 Acq On : 6 Mar 2019 12:07
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Mar 06 13:24:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 13:20:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	765	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3217	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2034	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5563	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7277	0.40	ng	0.00
34) Perylene-d12	23.91	264	6882	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	948	0.46	ng	0.00
5) Phenol-d6	6.99	99	1292	0.44	ng	0.00
8) Nitrobenzene-d5	8.96	82	1214	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2331	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	406	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3324	0.40	ng	0.00
25) Fluoranthene-d10	19.25	212	34286	0.50	ng	0.00
29) Terphenyl-d14	19.84	244	7021	0.44	ng	0.00

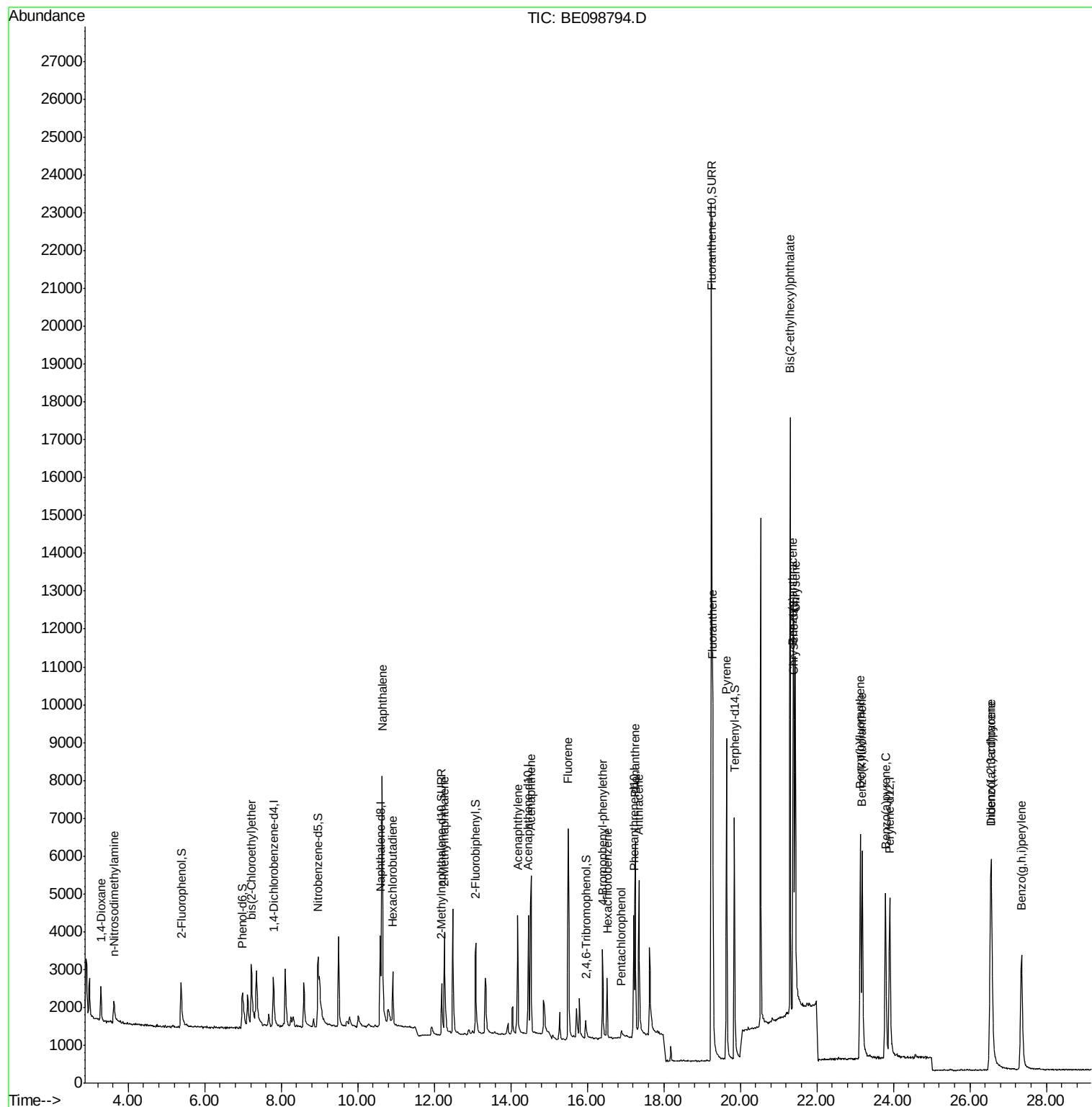
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	581	0.385	ng	95
3) n-Nitrosodimethylamine	3.62	42	784	0.709	ng	# 98
6) bis(2-Chloroethyl)ether	7.22	93	961	0.437	ng	93
9) Naphthalene	10.64	128	14380	0.449	ng	100
10) Hexachlorobutadiene	10.91	225	945	0.412	ng	99
12) 2-Methylnaphthalene	12.27	142	2317	0.436	ng	100
16) Acenaphthylene	14.18	152	3985	0.452	ng	100
17) Acenaphthene	14.53	154	2467	0.446	ng	100
18) Fluorene	15.50	166	3485	0.485	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	1185	0.402	ng	100
21) Hexachlorobenzene	16.52	284	1361	0.383	ng	100
22) Pentachlorophenol	16.89	266	214	0.205	ng	100
23) Phenanthrene	17.26	178	6174	0.468	ng	100
24) Anthracene	17.35	178	5113	0.453	ng	100
26) Fluoranthene	19.28	202	8606	0.507	ng	100
28) Pyrene	19.64	202	8872	0.443	ng	100
30) Benzo(a)anthracene	21.38	228	8892	0.455	ng	100
31) Chrysene	21.44	228	9477	0.467	ng	100
32) Bis(2-ethylhexyl)phthalate	21.31	149	17709	0.427	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	10074	0.482	ng	100
35) Benzo(b)fluoranthene	23.13	252	8753	0.466	ng	100
36) Benzo(k)fluoranthene	23.19	252	9033	0.440	ng	100
37) Benzo(a)pyrene	23.79	252	8401	0.456	ng	100
38) Dibenzo(a,h)anthracene	26.57	278	8096	0.496	ng	100
39) Benzo(g,h,i)perylene	27.35	276	8407	0.470	ng	100

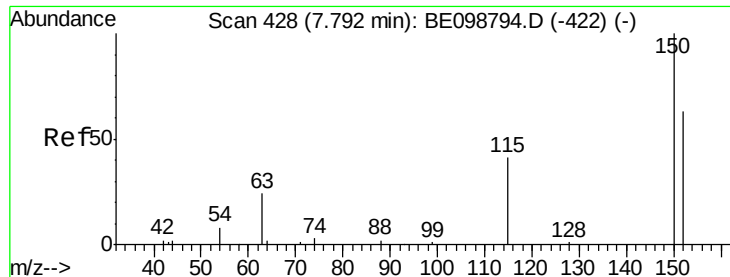
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

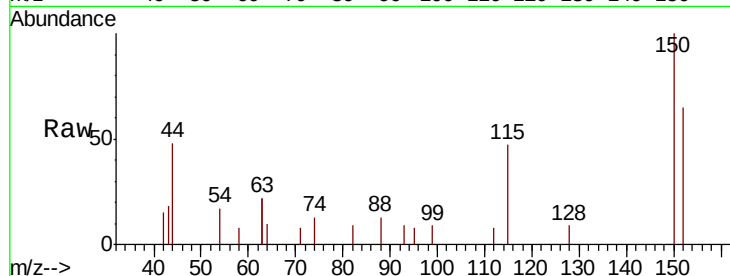
Tot Ion:152 Resp: 765

Ion Ratio Lower Upper

152 100

150 153.1 122.5 183.7

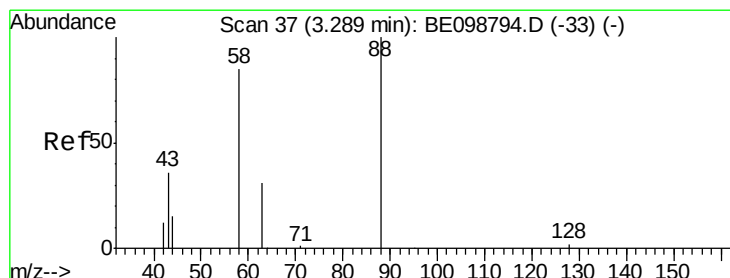
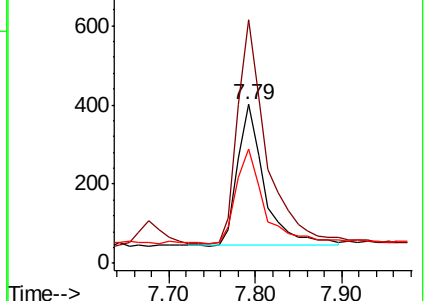
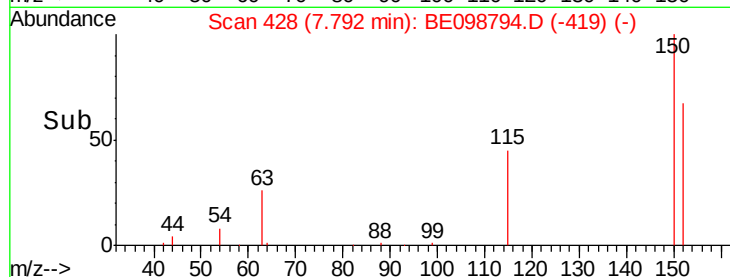
115 71.8 57.4 86.2



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: 0.385 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

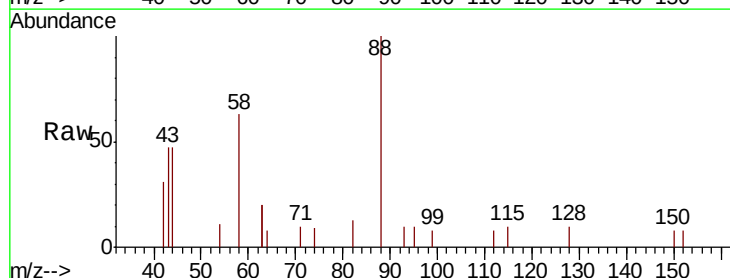
Tgt Ion: 88 Resp: 581

Ion Ratio Lower Upper

88 100

58 96.4 75.8 113.6

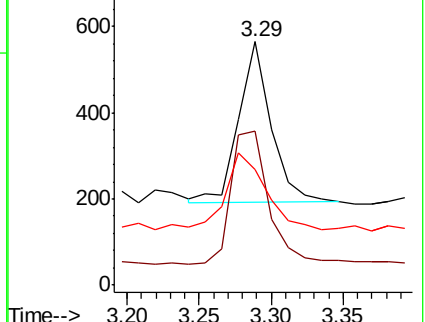
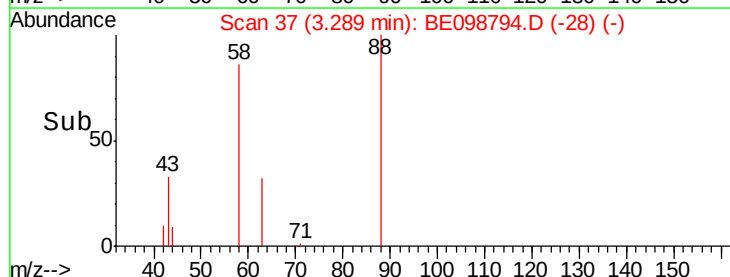
43 59.9 41.8 62.8

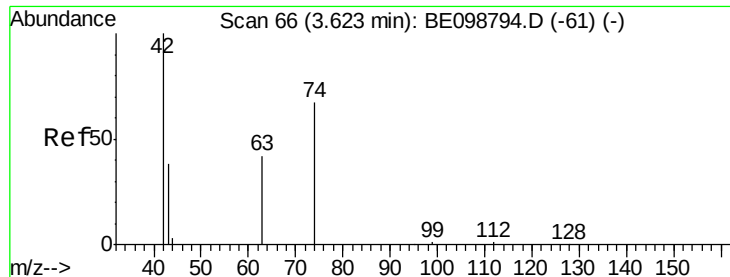


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



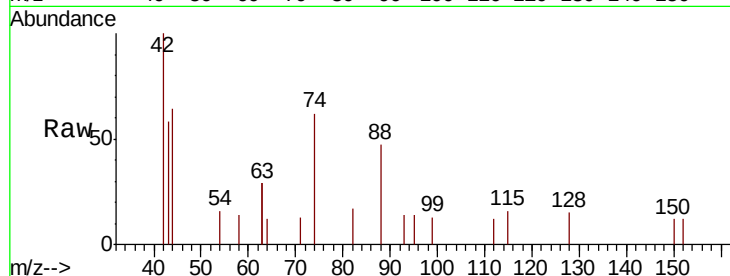


#3

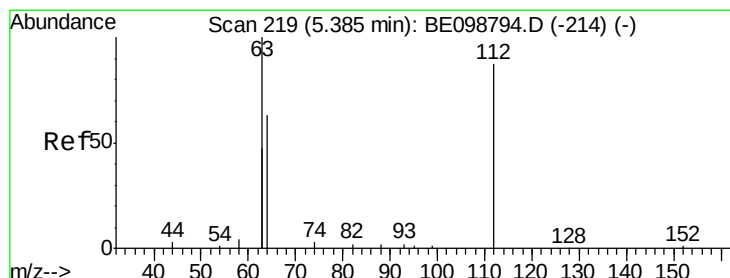
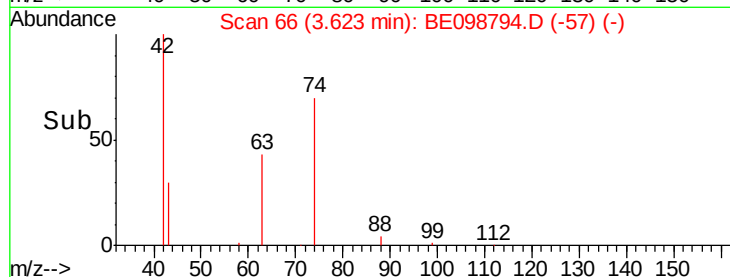
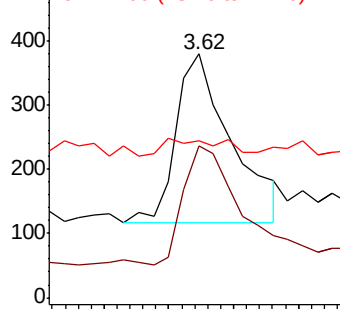
n-Nitrosodimethylamine
 Concen: 0.709 ng
 RT: 3.62 min Scan# 66
 Delta R.T. 0.00 min
 Lab File: BE098794.D
 Acq: 6 Mar 2019 12:07

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion: 42 Resp: 784
 Ion Ratio Lower Upper
 42 100
 74 69.8 57.0 85.4
 44 0.0 0.0 0.0



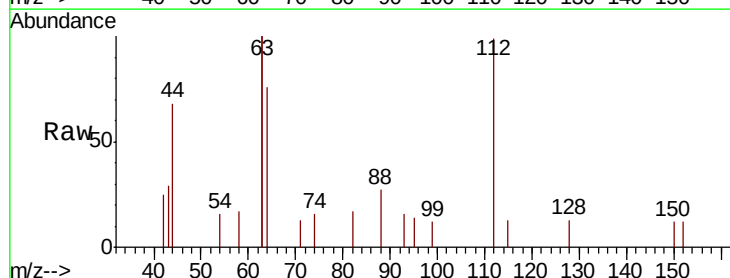
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



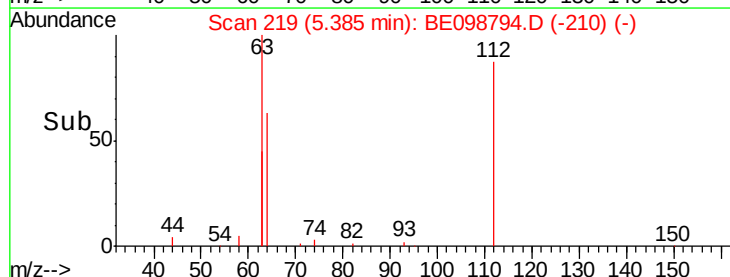
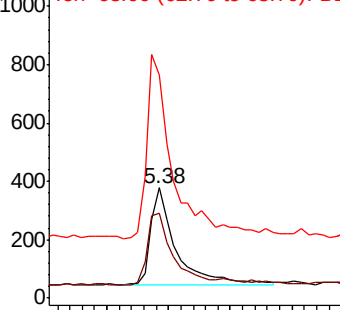
#4

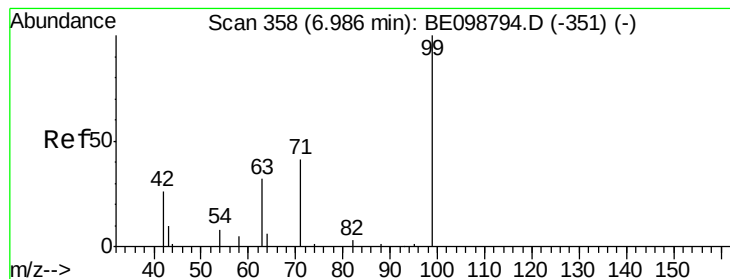
2-Fluorophenol
 Concen: 0.465 ng
 RT: 5.38 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE098794.D
 Acq: 6 Mar 2019 12:07

Tgt Ion: 112 Resp: 948
 Ion Ratio Lower Upper
 112 100
 64 72.4 57.9 86.9
 63 197.9 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.445 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

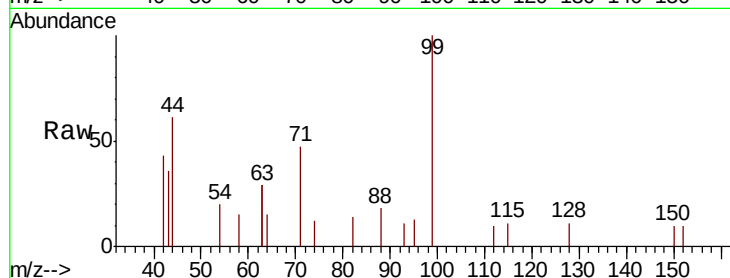
Tot Ion: 99 Resp: 1292

Ion Ratio Lower Upper

99 100

42 30.2 24.2 36.2

71 44.6 35.7 53.5



Abundance Ion 99.00 (98.70 to 99.70): BE0

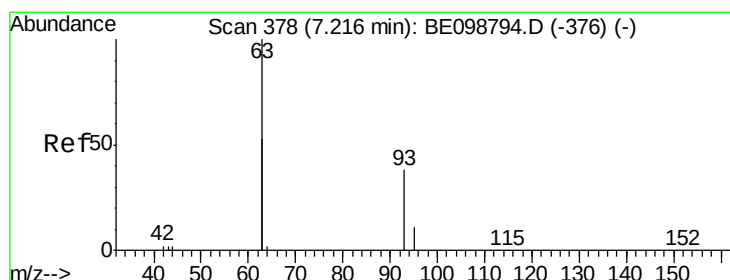
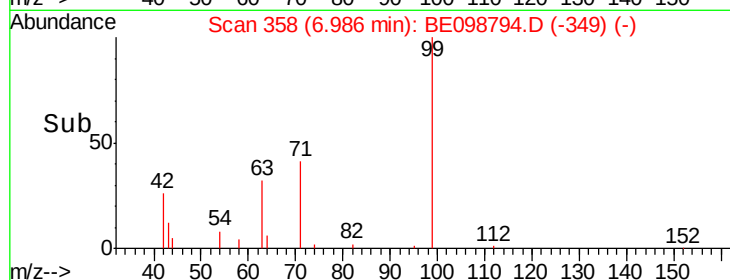
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.99

Time-->

6.80 6.90 7.00 7.10 7.20



#6

bis(2-Chloroethyl)ether

Concen: 0.437 ng

RT: 7.22 min Scan# 378

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

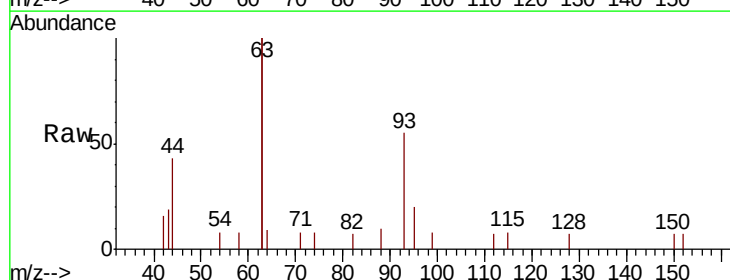
Tgt Ion: 93 Resp: 961

Ion Ratio Lower Upper

93 100

63 324.9 247.5 371.3

95 28.6 21.8 32.8



Abundance Ion 93.00 (92.70 to 93.70): BE0

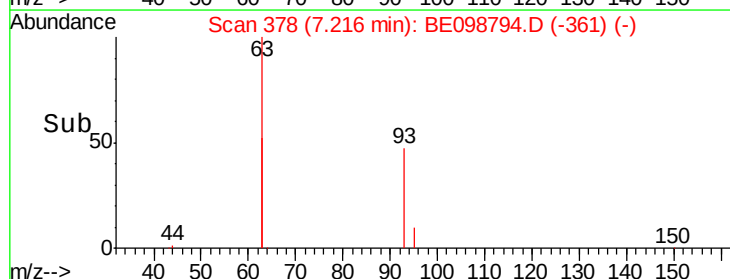
Ion 63.00 (62.70 to 63.70): BE0

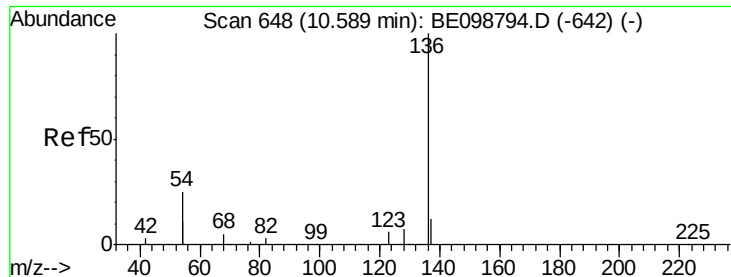
Ion 95.00 (94.70 to 95.70): BE0

7.22

Time-->

7.20 7.30 7.40





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 3217

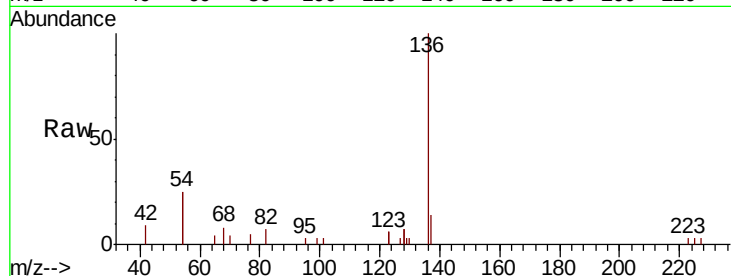
Ion Ratio Lower Upper

136 100

137 14.2 11.4 17.0

54 49.1 39.3 58.9

68 8.4 6.7 10.1

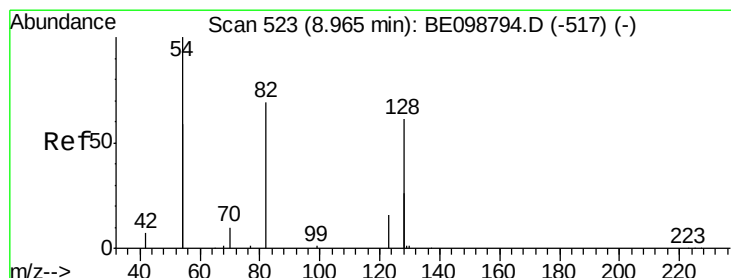
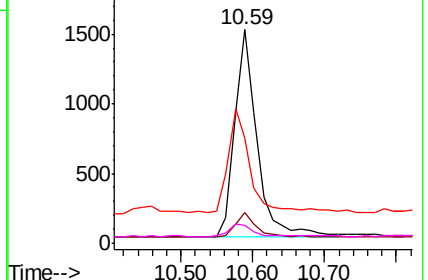
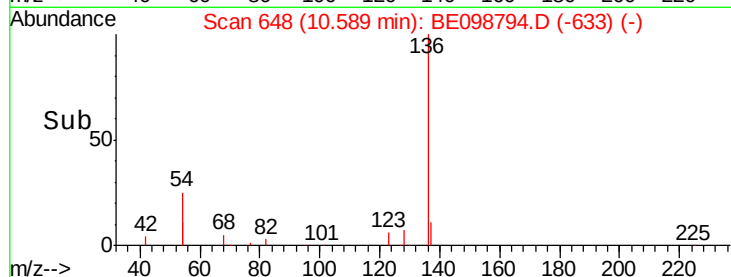


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.476 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

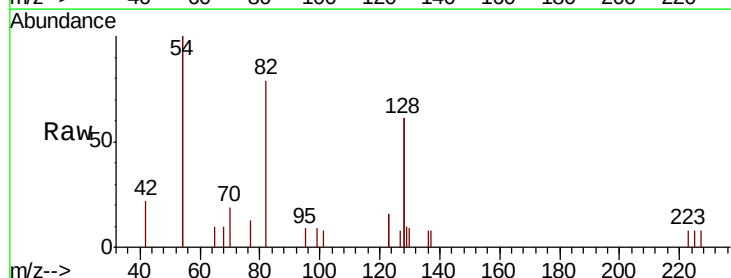
Tgt Ion: 82 Resp: 1214

Ion Ratio Lower Upper

82 100

128 154.8 123.8 185.8

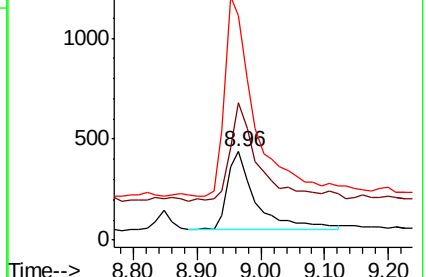
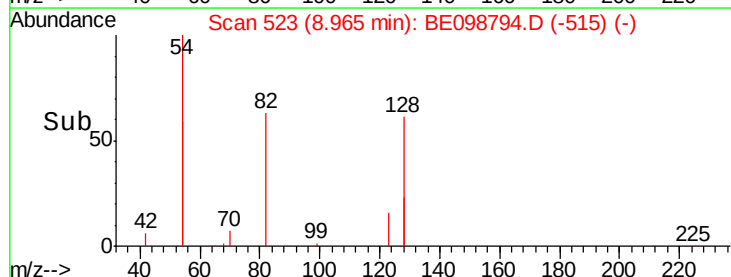
54 254.3 203.4 305.2

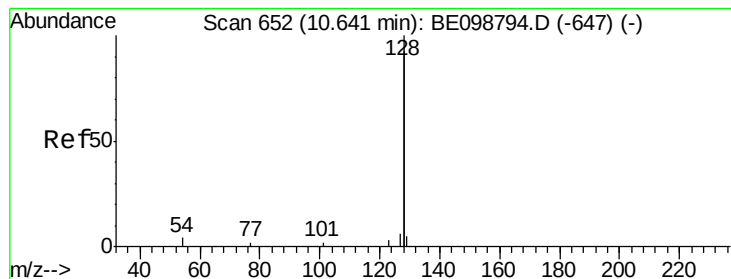


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.449 ng

RT: 10.64 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

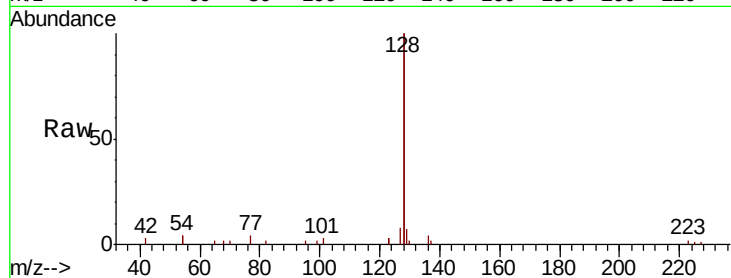
Tot Ion:128 Resp: 14380

Ion Ratio Lower Upper

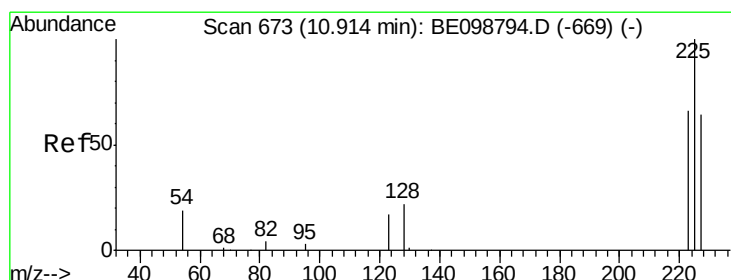
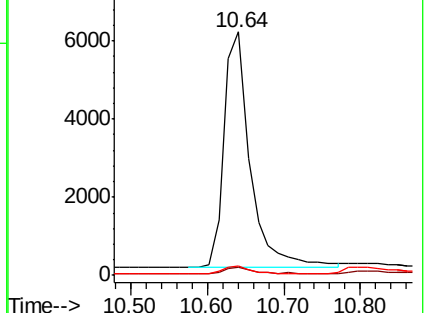
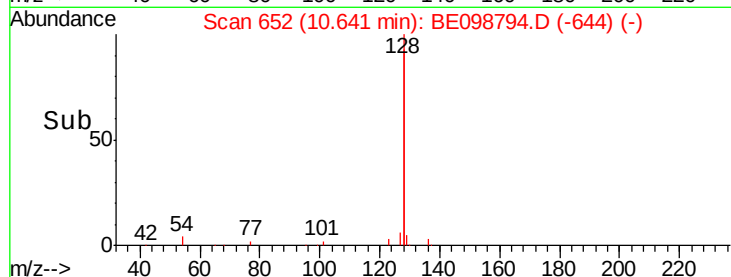
128 100

129 3.3 2.6 4.0

127 3.9 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: 0.412 ng

RT: 10.91 min Scan# 673

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

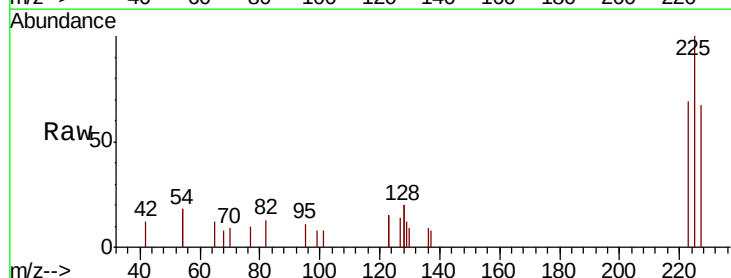
Tgt Ion:225 Resp: 945

Ion Ratio Lower Upper

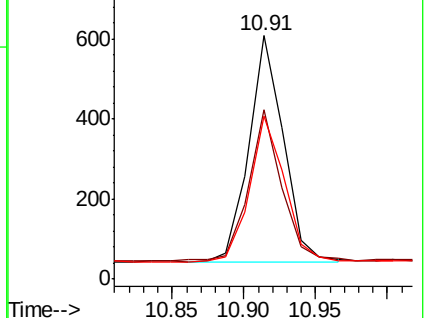
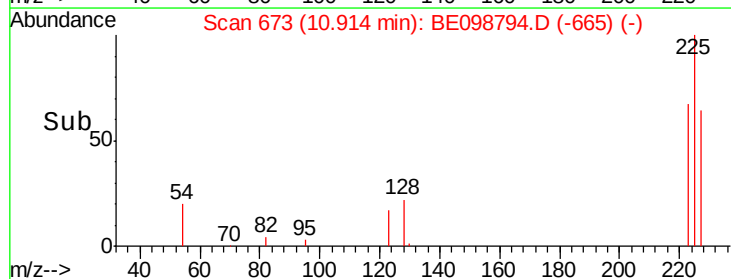
225 100

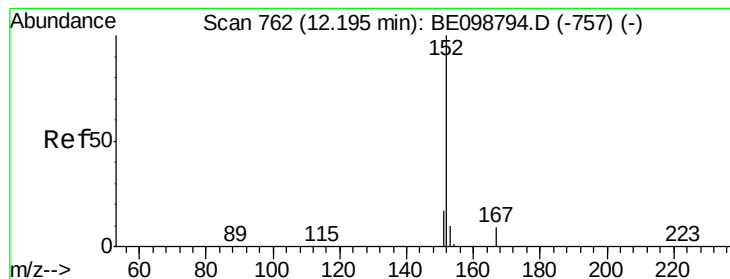
223 63.8 51.1 76.7

227 65.5 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: 0.440 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

Instrument :

BNA_E

ClientSampleId :

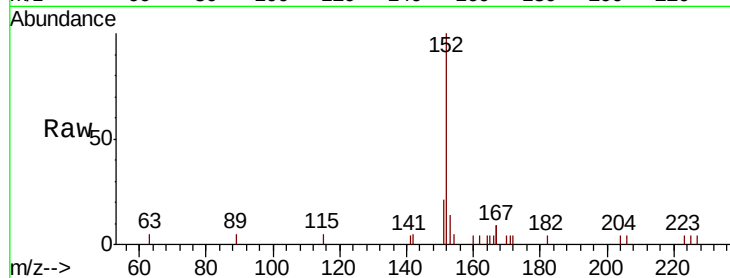
SSTDICCC0.4

Tot Ion:152 Resp: 2331

Ion Ratio Lower Upper

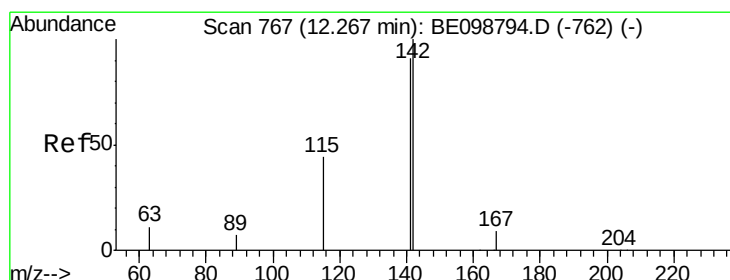
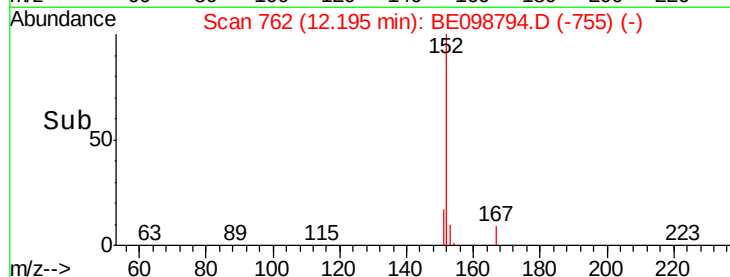
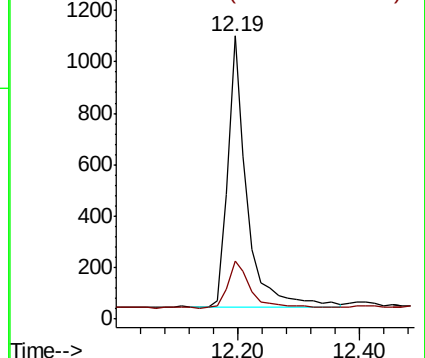
152 100

151 20.6 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.436 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

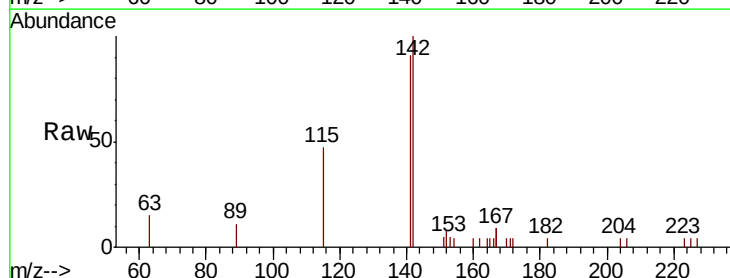
Tgt Ion:142 Resp: 2317

Ion Ratio Lower Upper

142 100

141 90.7 72.6 108.8

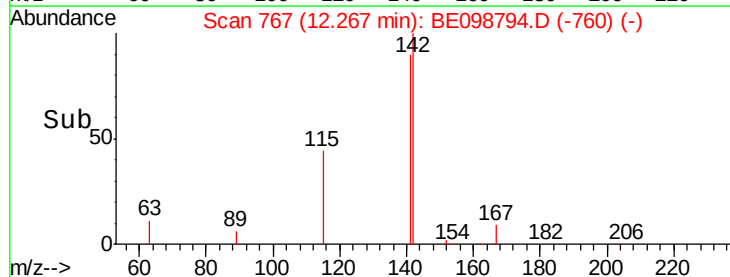
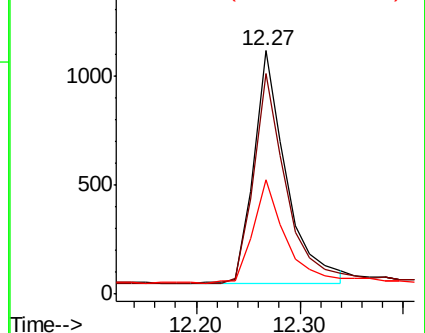
115 46.8 37.4 56.2

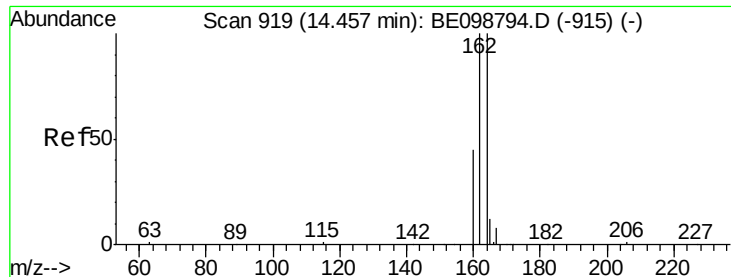


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

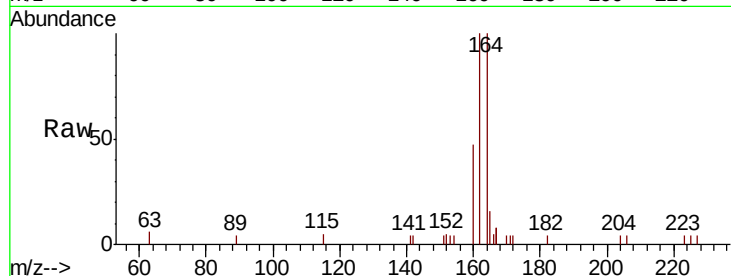




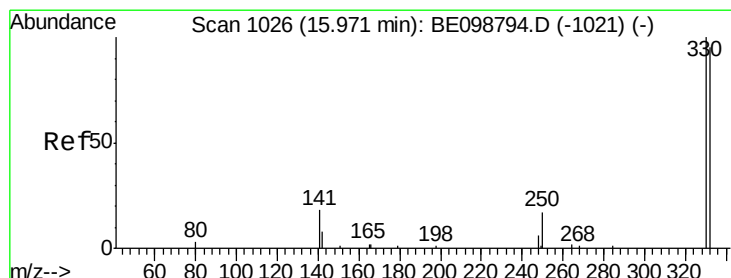
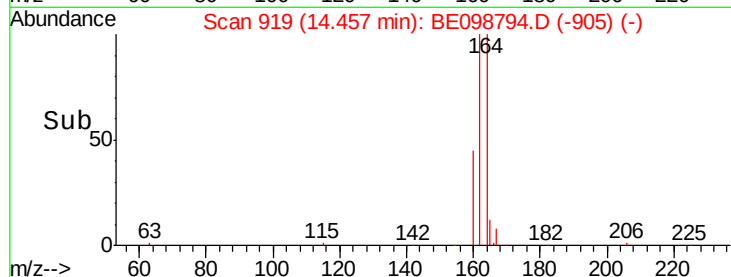
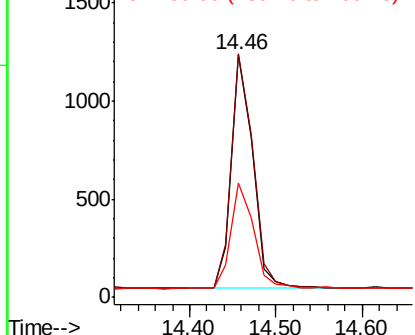
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098794.D
Acq: 6 Mar 2019 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:164 Resp: 2034
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.2
160 47.3 37.8 56.8

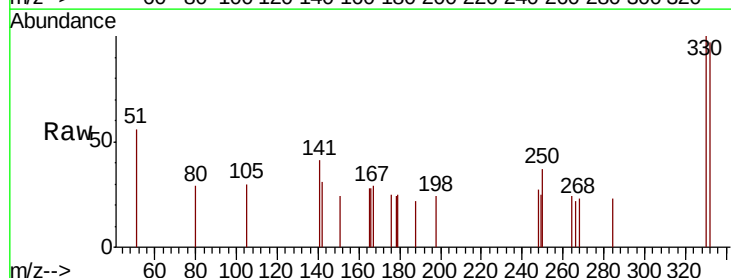


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

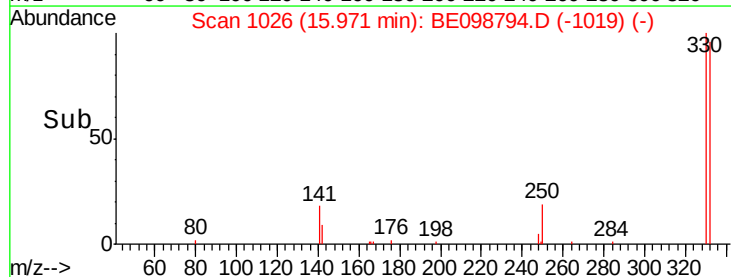
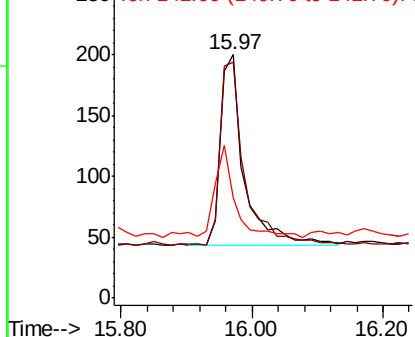


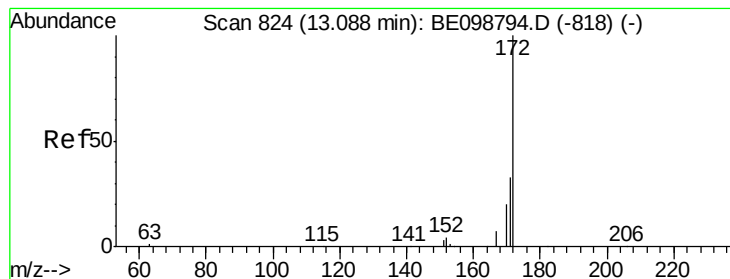
#14
2,4,6-Tribromophenol
Concen: 0.459 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE098794.D
Acq: 6 Mar 2019 12:07

Tgt Ion:330 Resp: 406
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 38.7 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: 0.399 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

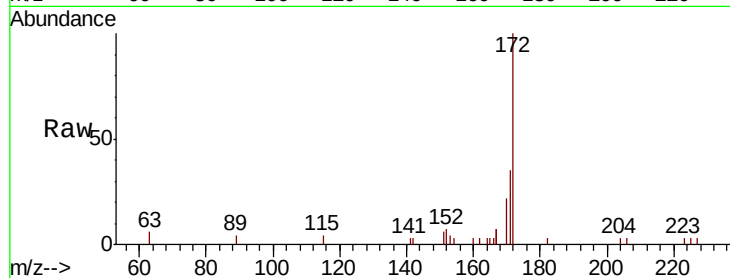
Tot Ion:172 Resp: 3324

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

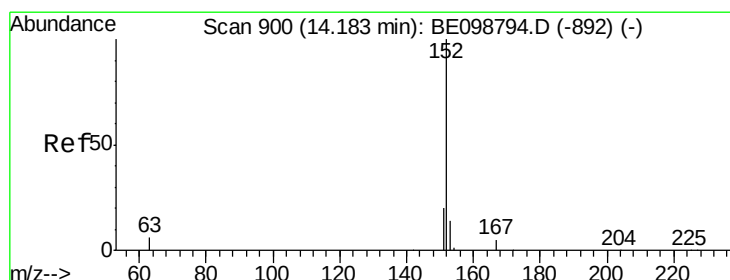
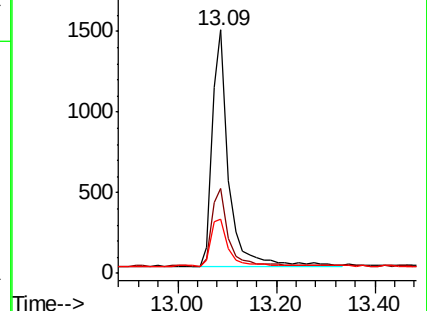
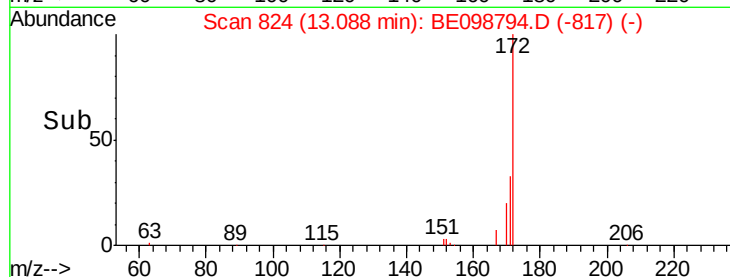
170 22.1 17.7 26.5



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: 0.452 ng

RT: 14.18 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

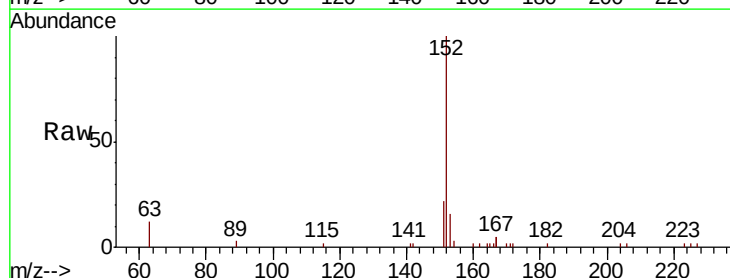
Tgt Ion:152 Resp: 3985

Ion Ratio Lower Upper

152 100

151 21.3 17.0 25.6

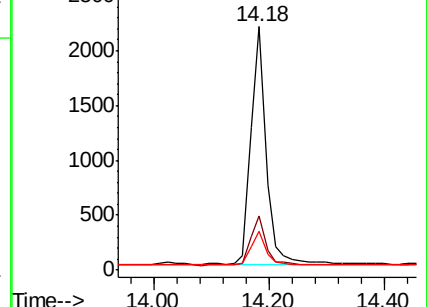
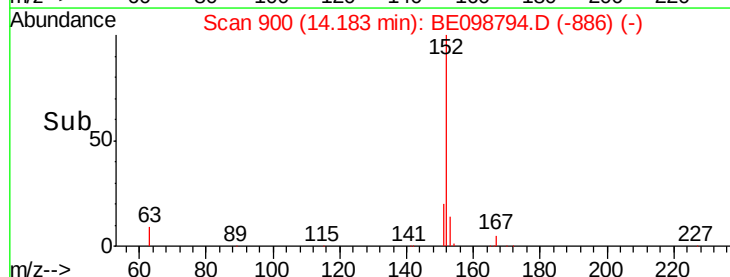
153 14.0 11.2 16.8

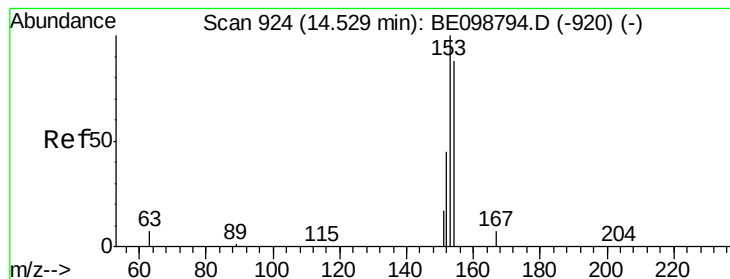


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.446 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

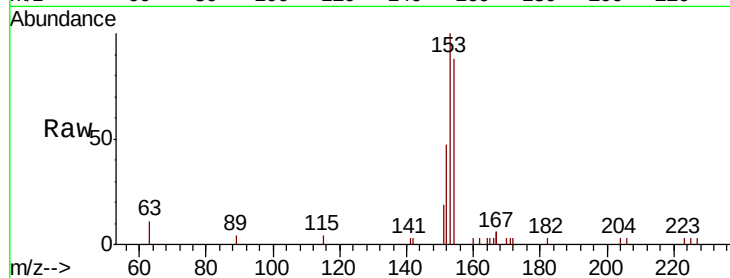
Tot Ion:154 Resp: 2467

Ion Ratio Lower Upper

154 100

153 117.8 94.2 141.4

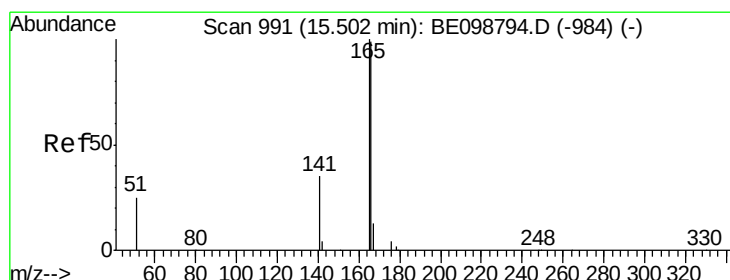
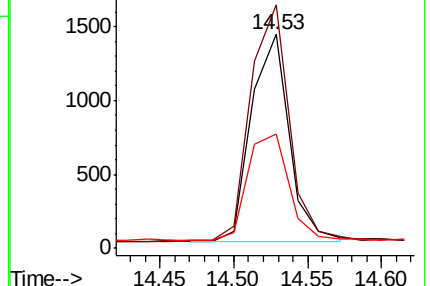
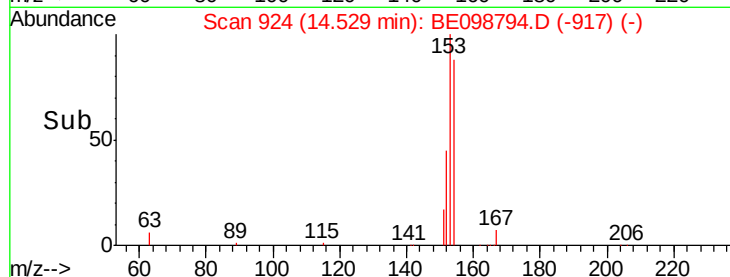
152 56.2 45.0 67.4



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: 0.485 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

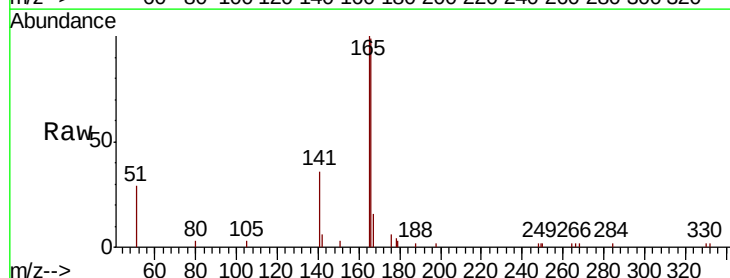
Tgt Ion:166 Resp: 3485

Ion Ratio Lower Upper

166 100

165 99.1 79.3 118.9

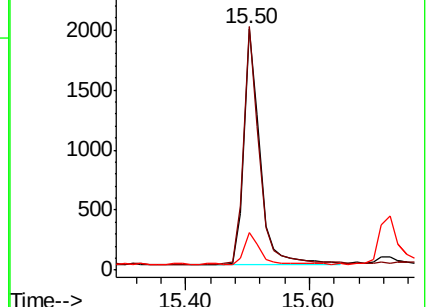
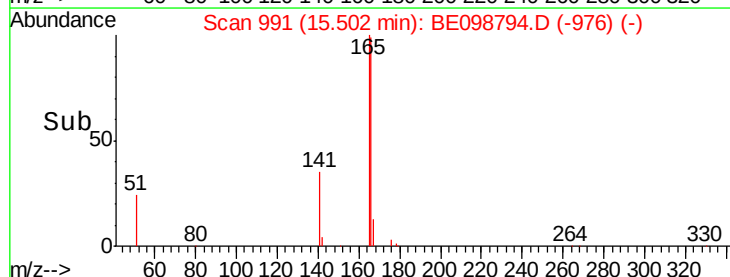
167 13.1 10.5 15.7

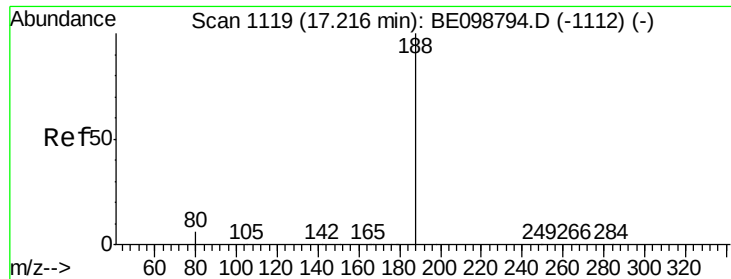


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

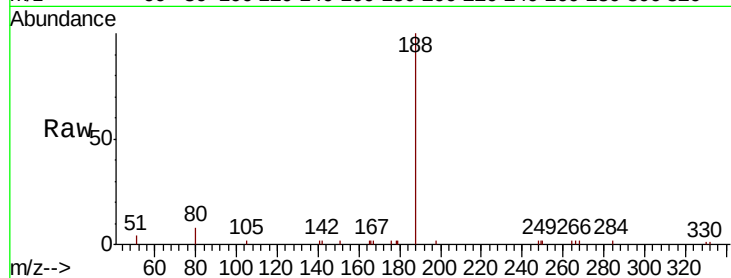
Tot Ion:188 Resp: 5563

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

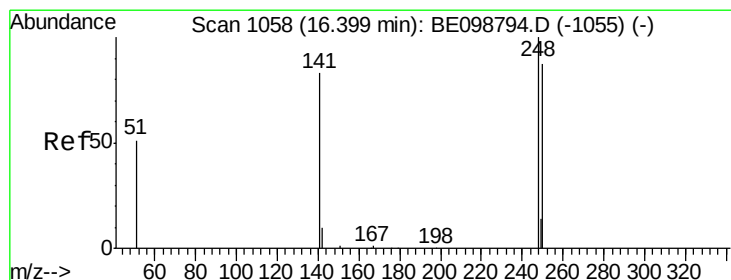
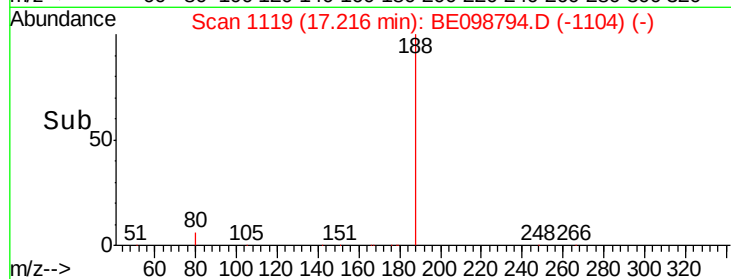
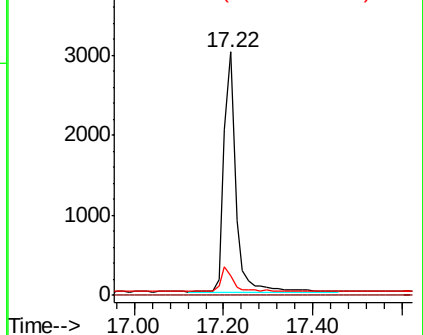
80 7.9 6.3 9.5



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: 0.402 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

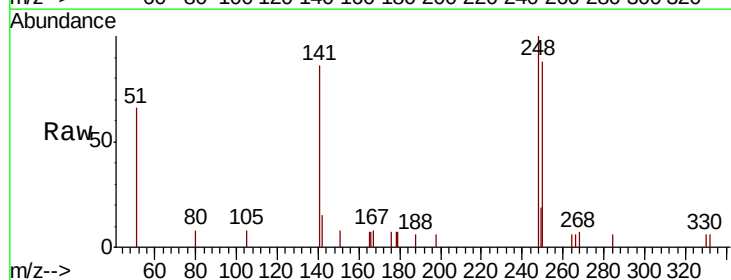
Tgt Ion:248 Resp: 1185

Ion Ratio Lower Upper

248 100

250 88.2 70.6 105.8

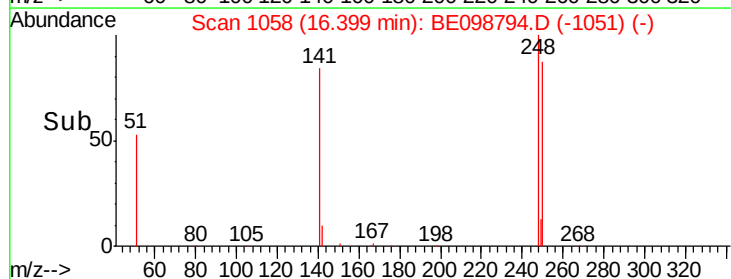
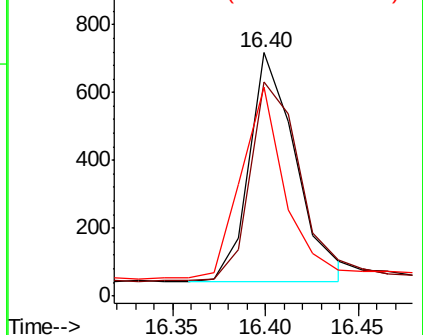
141 85.7 68.6 102.8

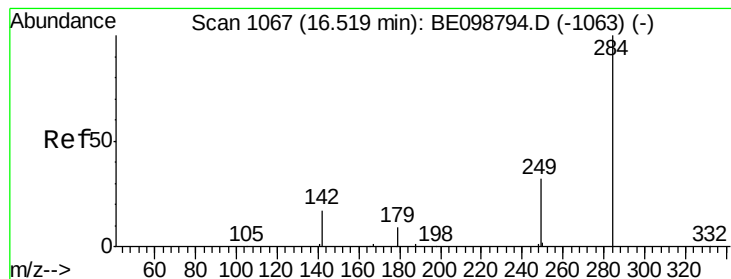


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.383 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

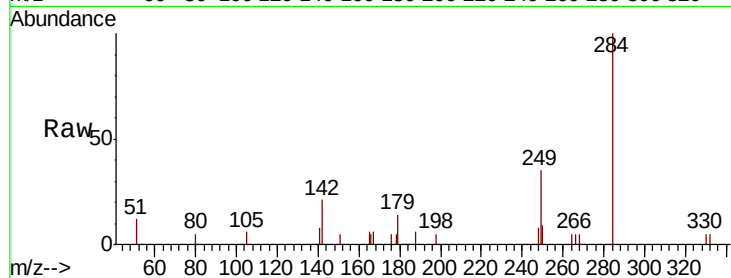
Tot Ion:284 Resp: 1361

Ion Ratio Lower Upper

284 100

142 35.6 28.7 43.1

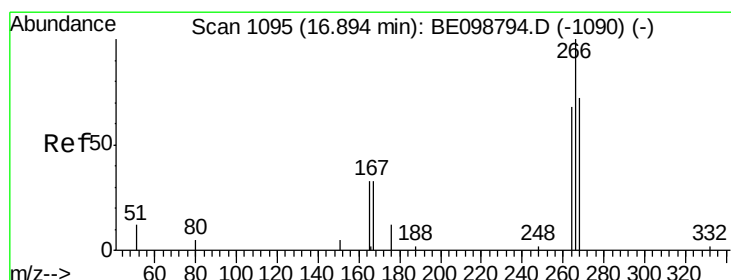
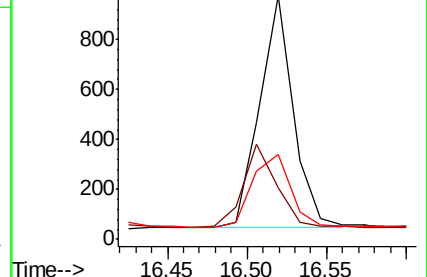
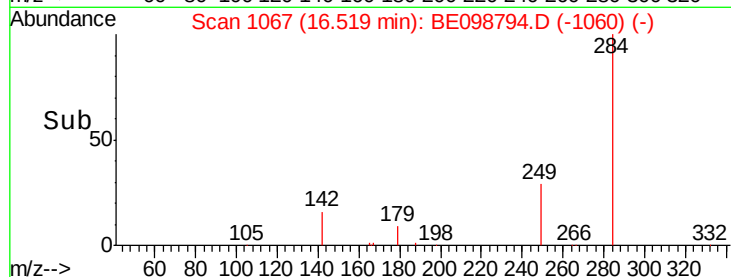
249 36.8 29.6 44.4



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: 0.205 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

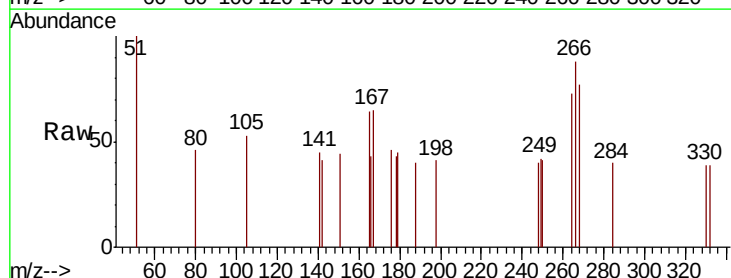
Tgt Ion:266 Resp: 214

Ion Ratio Lower Upper

266 100

264 83.3 66.6 100.0

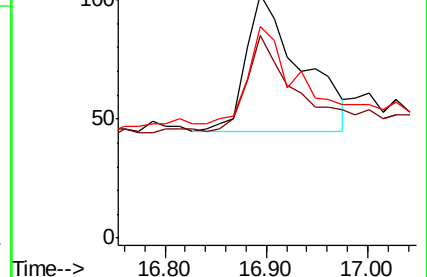
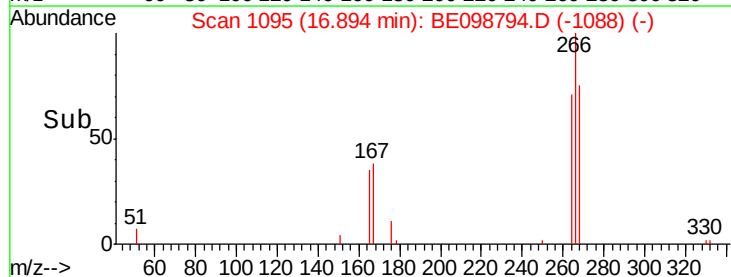
268 87.3 69.8 104.8

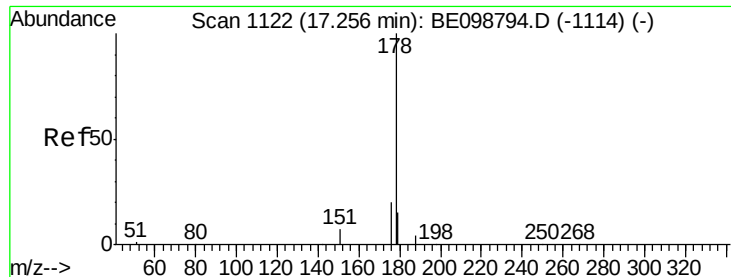


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.468 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

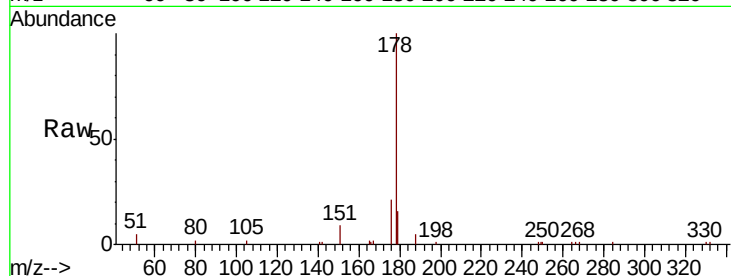
Tot Ion:178 Resp: 6174

Ion Ratio Lower Upper

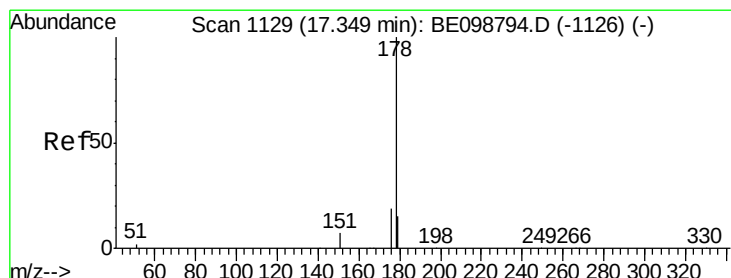
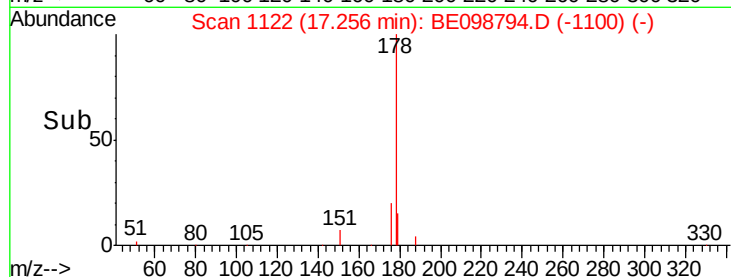
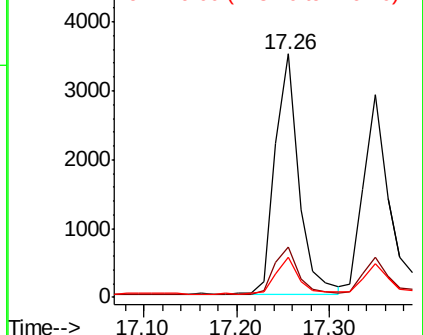
178 100

176 20.0 16.0 24.0

179 15.1 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: 0.453 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

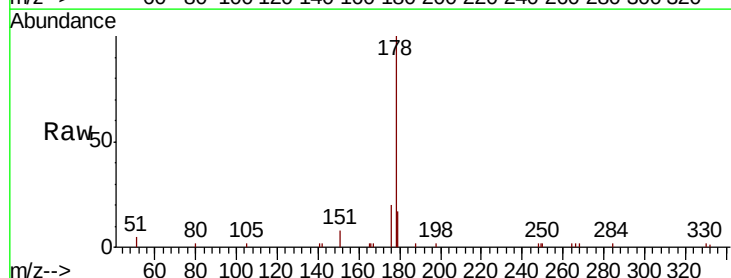
Tgt Ion:178 Resp: 5113

Ion Ratio Lower Upper

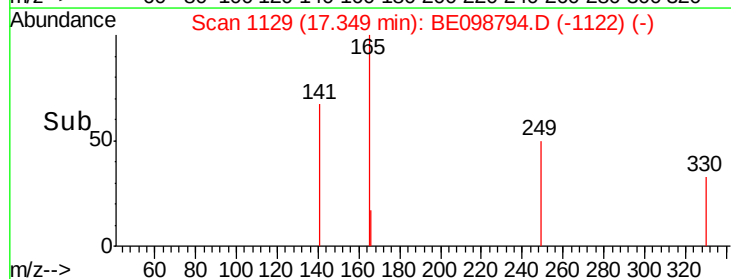
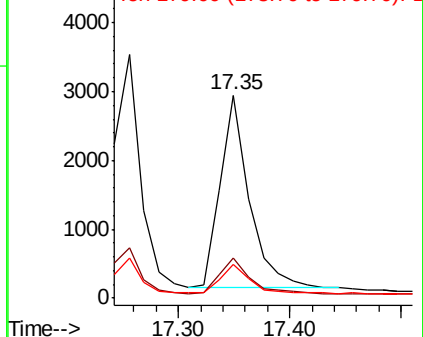
178 100

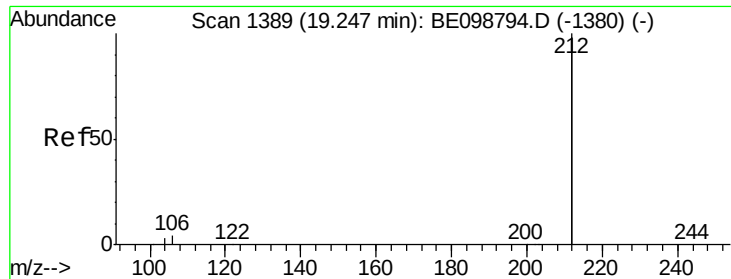
176 19.2 15.4 23.0

179 15.3 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: 0.498 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

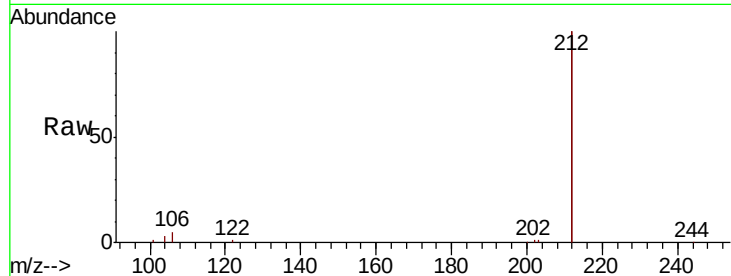
Tot Ion:212 Resp: 34286

Ion Ratio Lower Upper

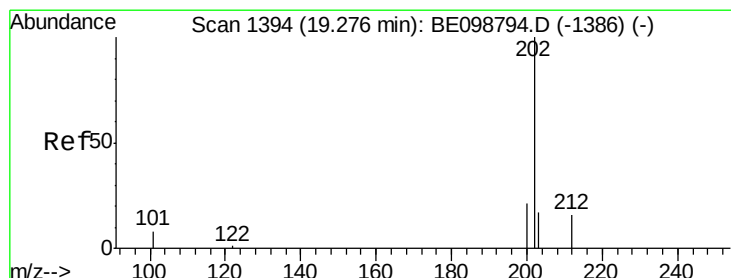
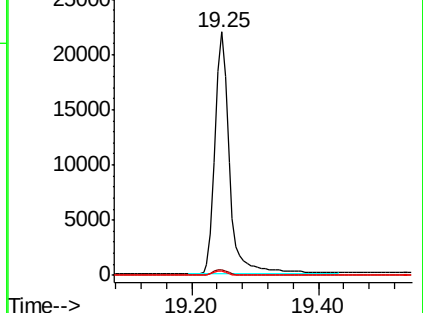
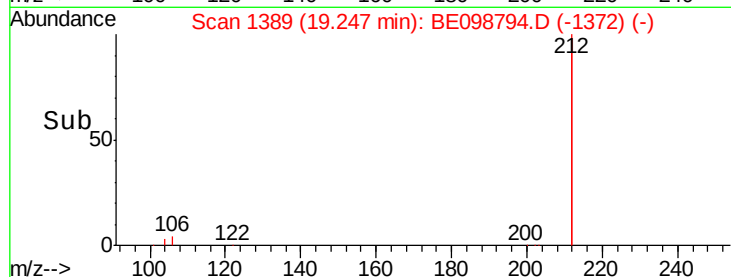
212 100

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: 0.507 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

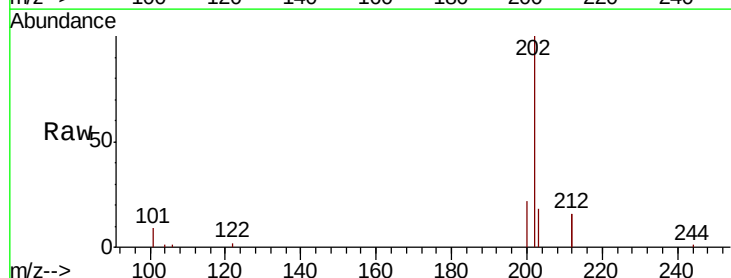
Tgt Ion:202 Resp: 8606

Ion Ratio Lower Upper

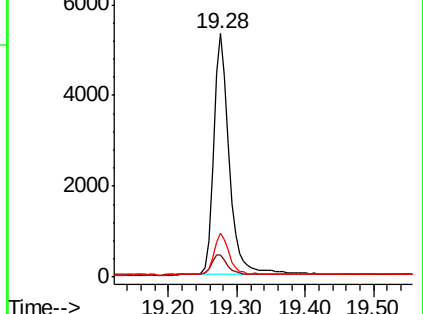
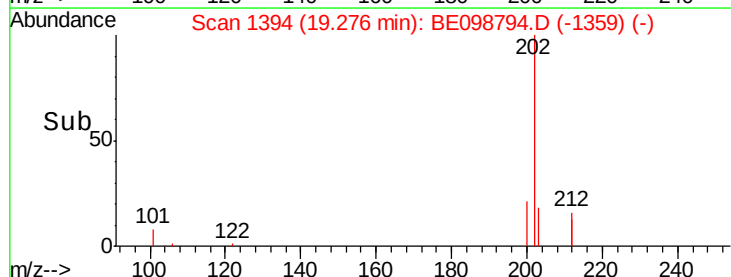
202 100

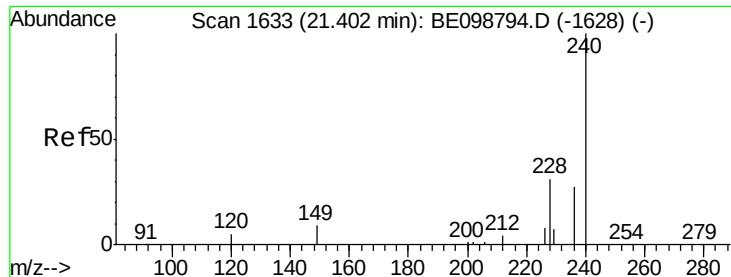
101 9.1 7.3 10.9

203 16.8 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: BE098794.D

Acq: 6 Mar 2019 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

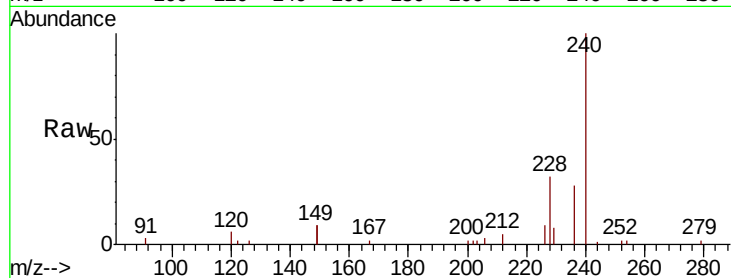
Tot Ion:240 Resp: 7277

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.4

236 28.4 22.7 34.1

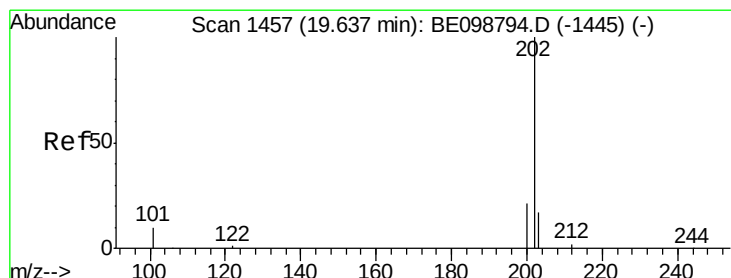
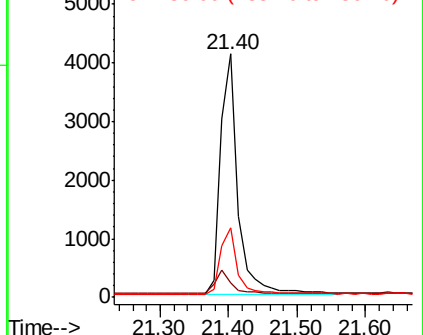
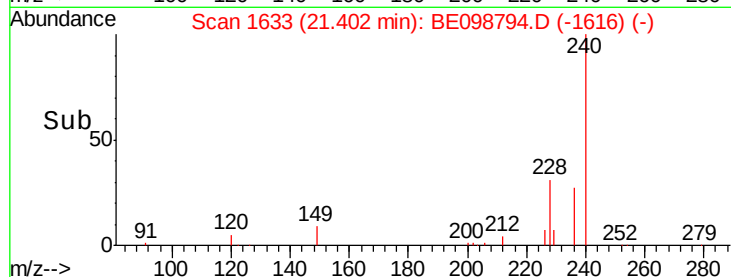


Abundance

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: 0.443 ng

RT: 19.64 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

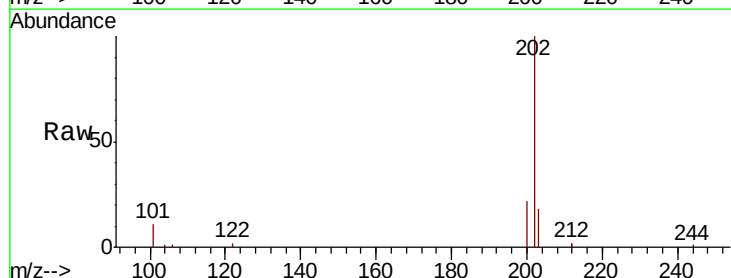
Tgt Ion:202 Resp: 8872

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.7 14.2 21.2

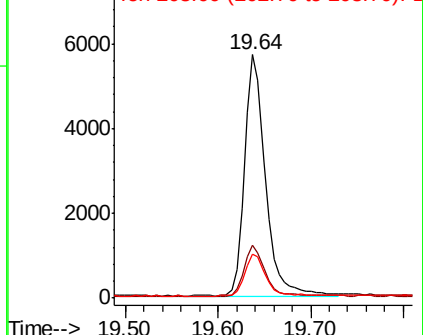
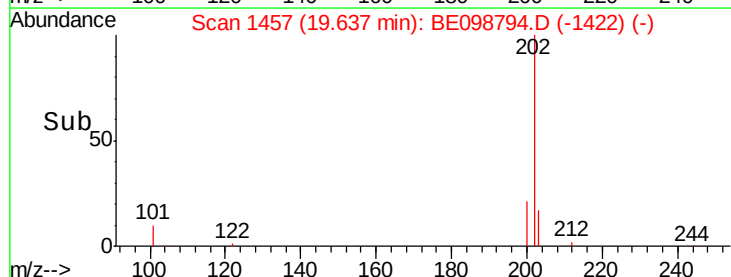


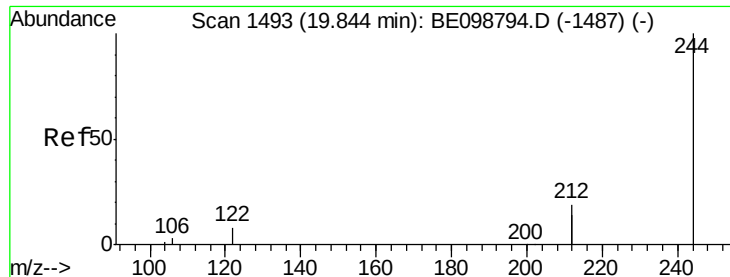
Abundance

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: 0.436 ng

RT: 19.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

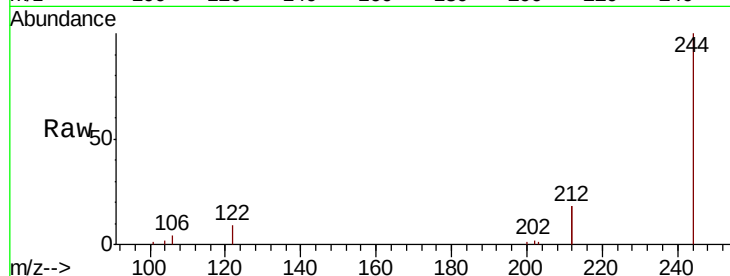
Tot Ion:244 Resp: 7021

Ion Ratio Lower Upper

244 100

212 36.8 29.4 44.2

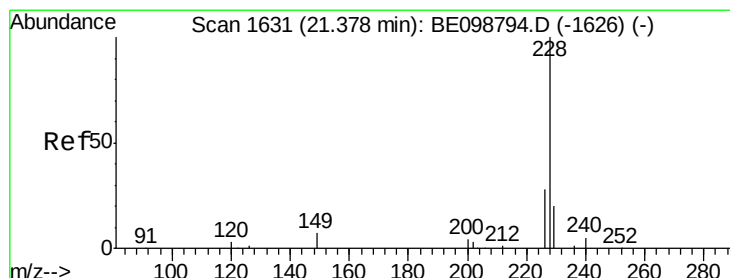
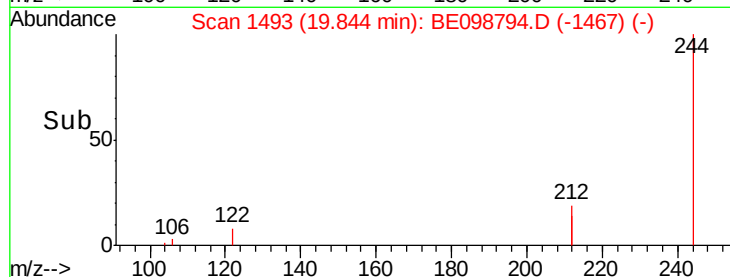
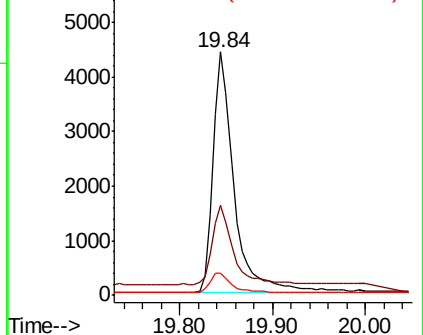
122 8.9 7.1 10.7



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: 0.455 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

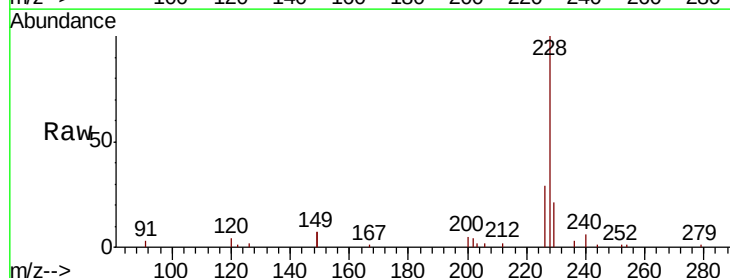
Tgt Ion:228 Resp: 8892

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.4

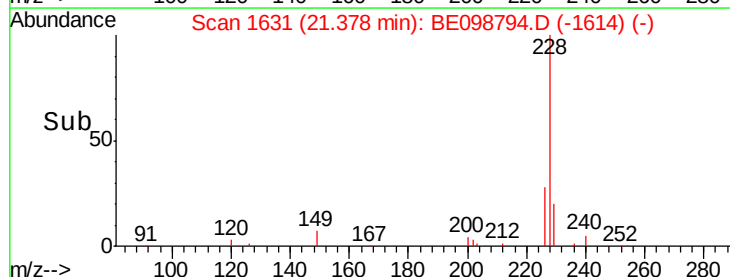
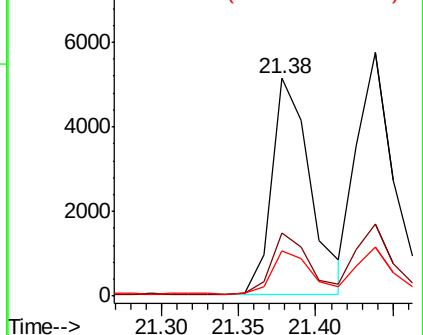
229 20.6 16.5 24.7

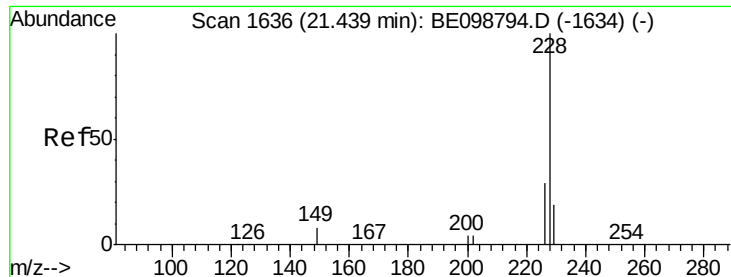


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.467 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

Instrument :

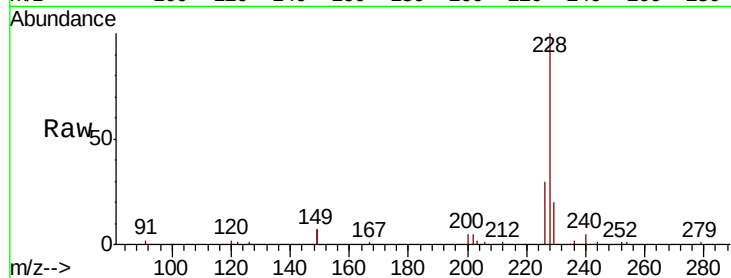
BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:228 Resp: 9477

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	20.1	16.1	24.1

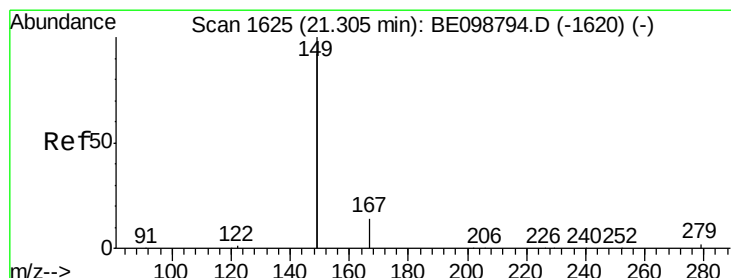
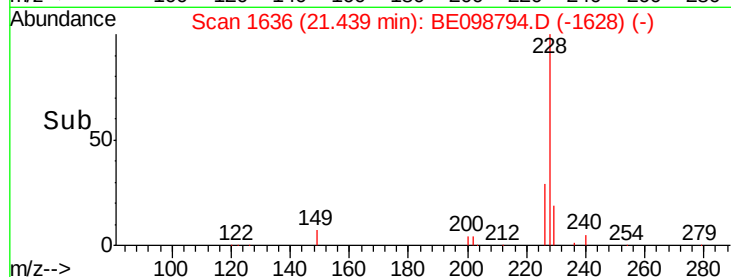
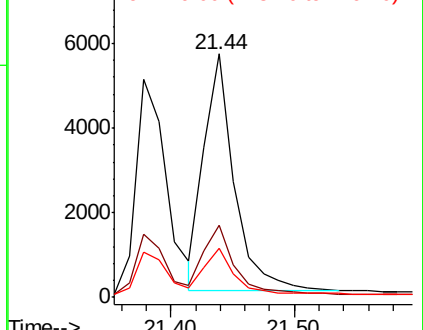


Abundance

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: 0.427 ng

RT: 21.31 min Scan# 1625

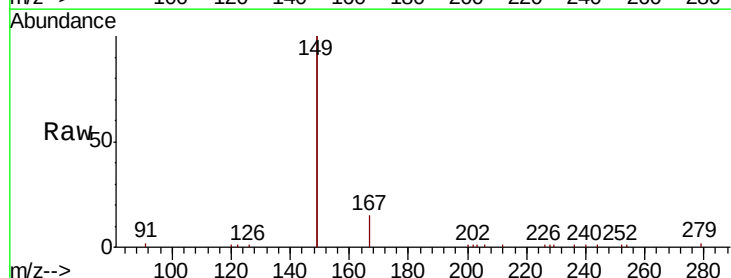
Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

Tgt Ion:149 Resp: 17709

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.2	1.0	1.4

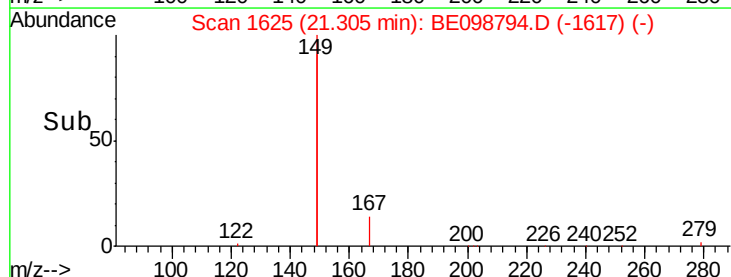
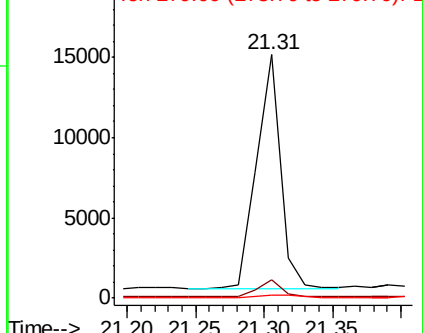


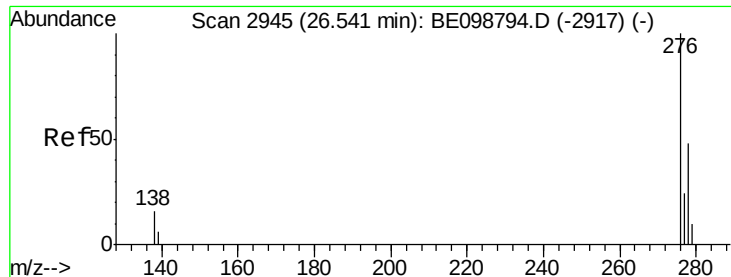
Abundance

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: 0.482 ng

RT: 26.54 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

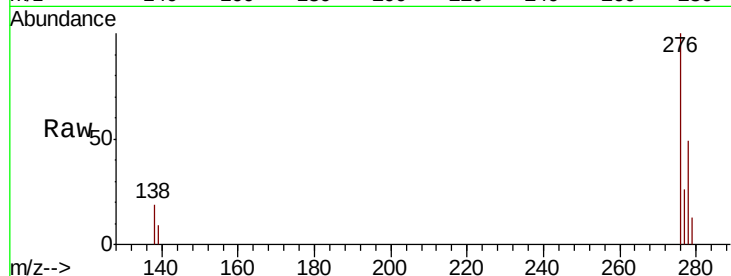
Tot Ion:276 Resp: 10074

Ion Ratio Lower Upper

276 100

138 17.3 13.8 20.8

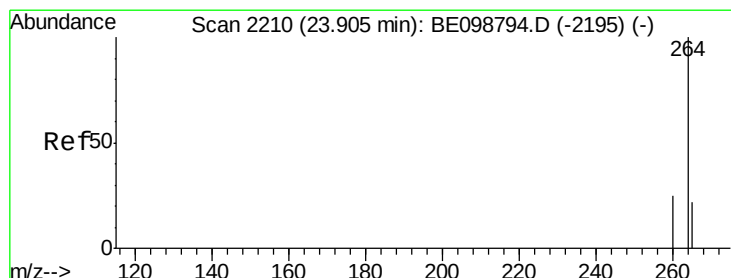
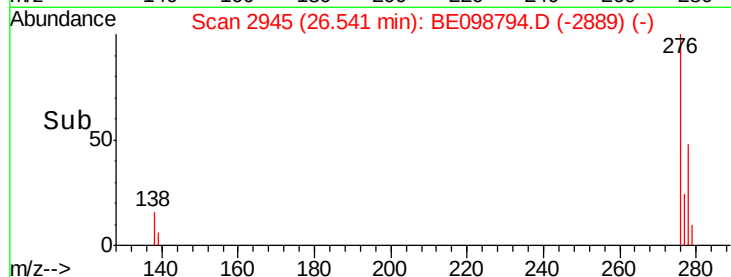
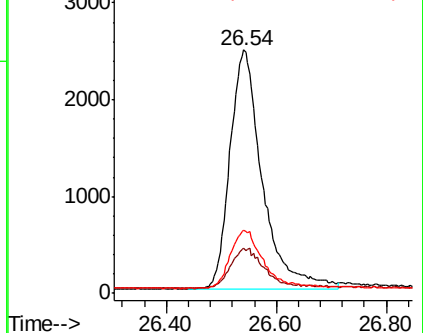
277 24.4 19.5 29.3



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: 23.91 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

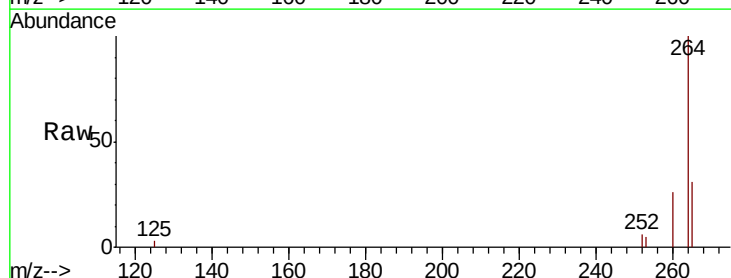
Tgt Ion:264 Resp: 6882

Ion Ratio Lower Upper

264 100

260 26.5 21.2 31.8

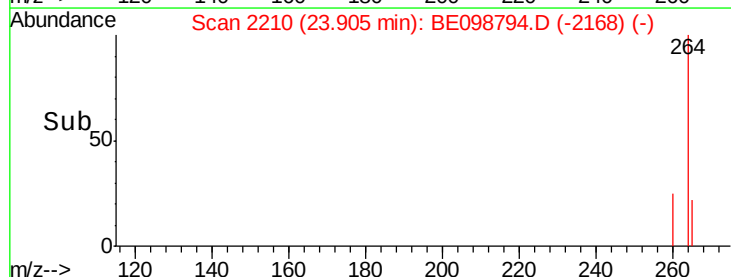
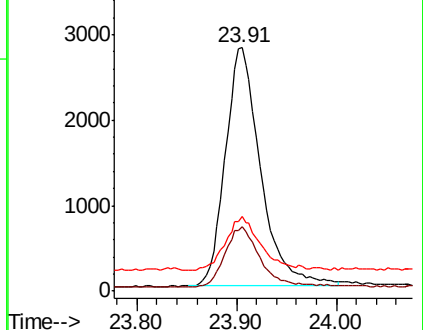
265 30.7 24.6 36.8

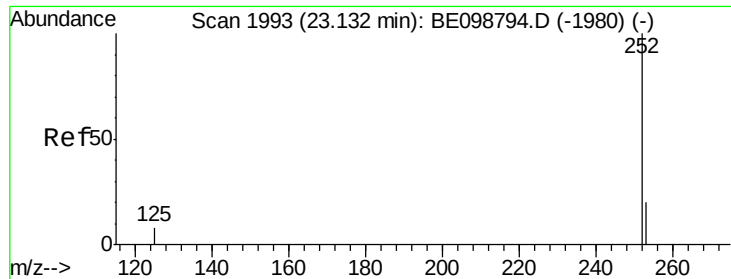


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

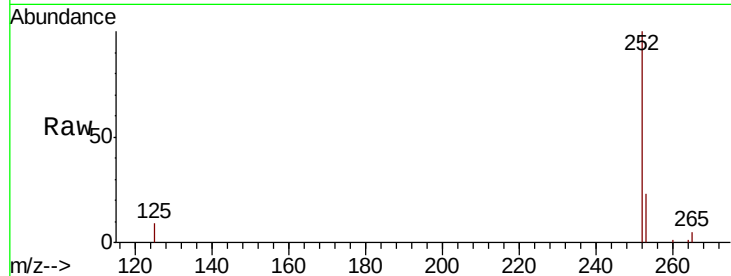




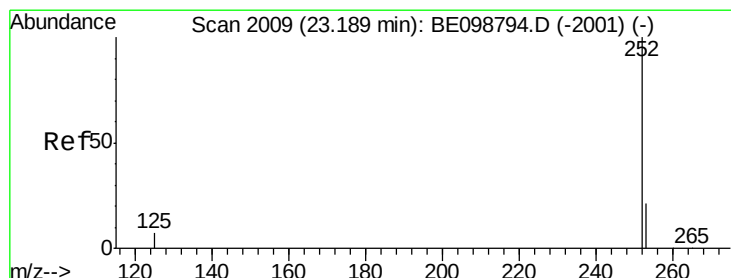
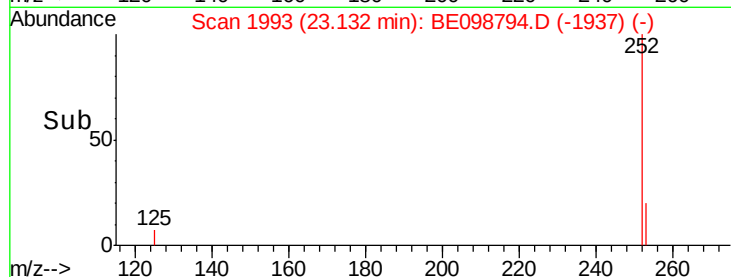
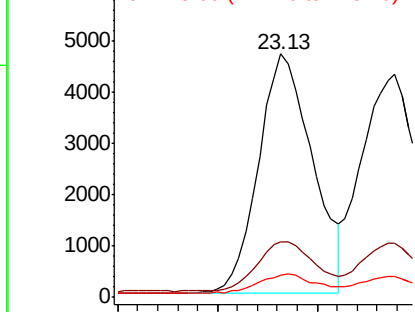
#35
Benzo(b)fluoranthene
Concen: 0.466 ng
RT: 23.13 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BE098794.D
Acq: 6 Mar 2019 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:252 Resp: 8753
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 9.1 7.3 10.9

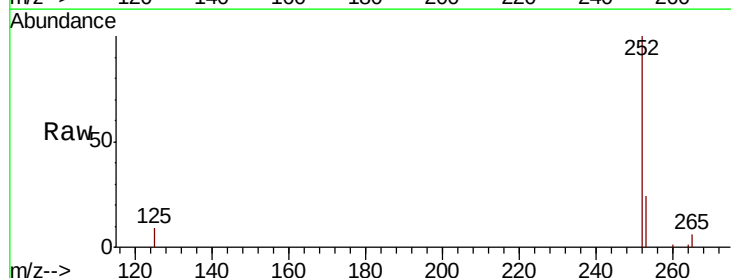


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

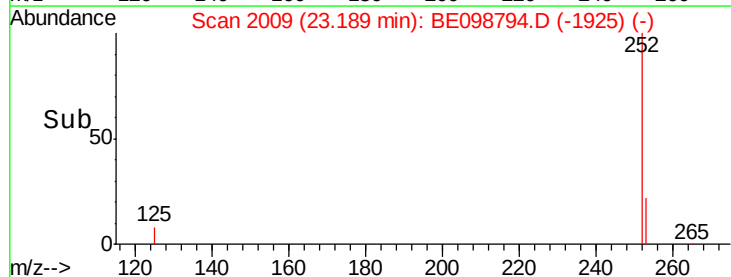
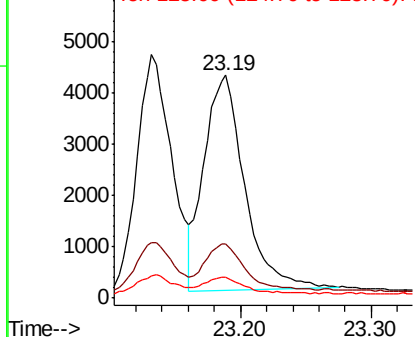


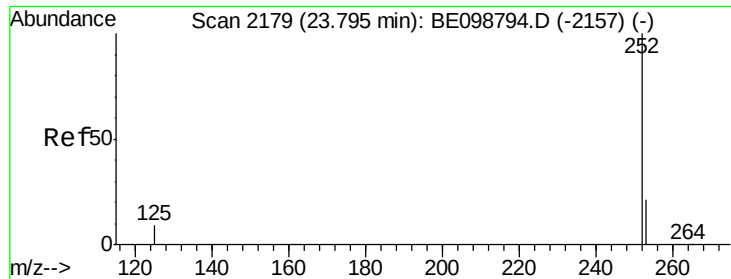
#36
Benzo(k)fluoranthene
Concen: 0.440 ng
RT: 23.19 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BE098794.D
Acq: 6 Mar 2019 12:07

Tgt Ion:252 Resp: 9033
Ion Ratio Lower Upper
252 100
253 24.1 19.3 28.9
125 9.4 7.5 11.3



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





#37

Benzo(a)pyrene

Concen: 0.456 ng

RT: 23.79 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

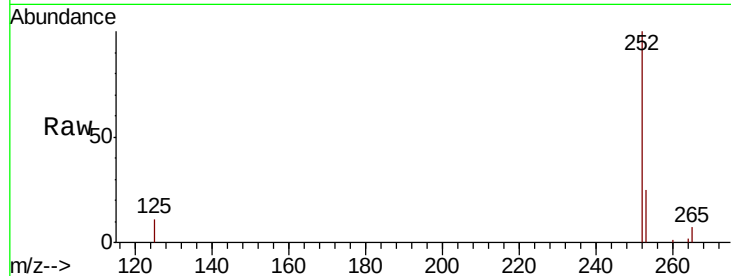
Tot Ion:252 Resp: 8401

Ion Ratio Lower Upper

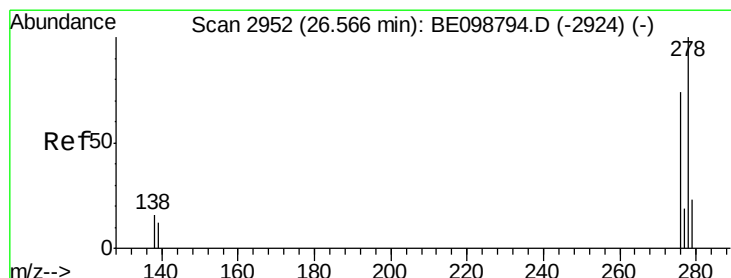
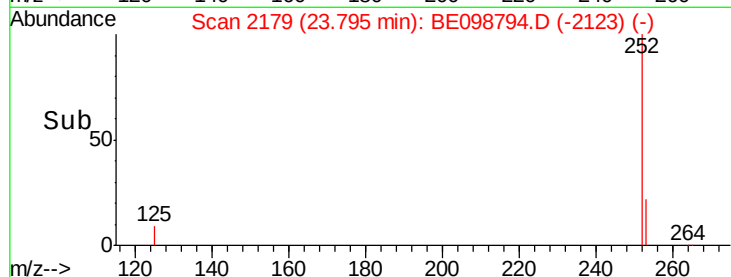
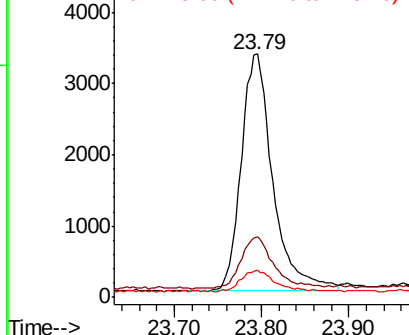
252 100

253 24.9 19.9 29.9

125 11.2 9.0 13.4



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: 0.496 ng

RT: 26.57 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

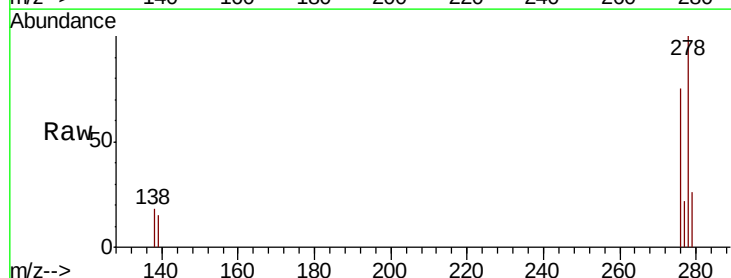
Tgt Ion:278 Resp: 8096

Ion Ratio Lower Upper

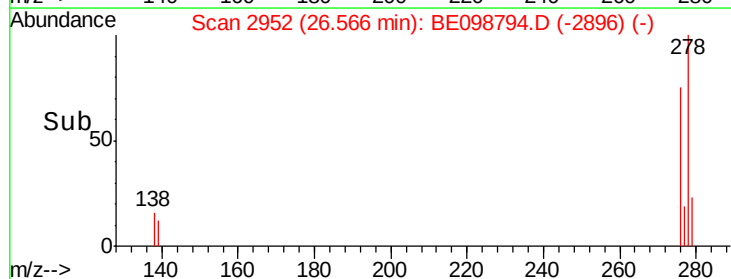
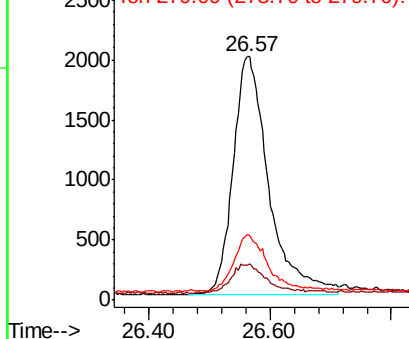
278 100

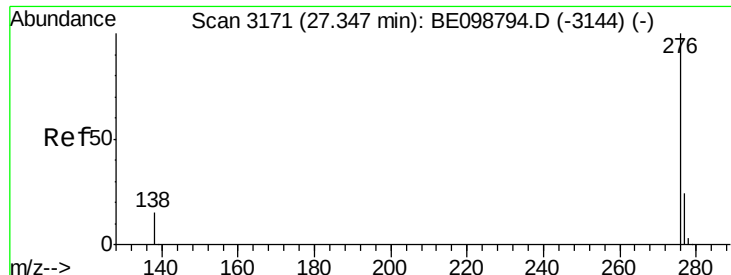
139 14.7 11.8 17.6

279 26.4 21.1 31.7



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: 0.470 ng

RT: 27.35 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BE098794.D

Acq: 6 Mar 2019 12:07

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

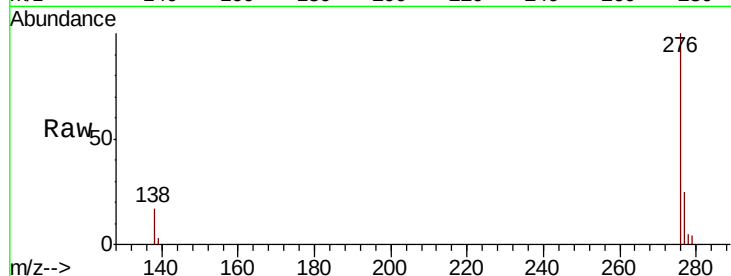
Tot Ion:276 Resp: 8407

Ion Ratio Lower Upper

276 100

277 25.5 20.4 30.6

138 17.0 13.6 20.4



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

