

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
 Data File : BE098646.D
 Acq On : 17 Jan 2019 9:18
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jan 17 12:40:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 14:30:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	971	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4235	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2926	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	6928	0.40	ng	0.00
27) Chrysene-d12	21.41	240	7923	0.40	ng	0.00
34) Perylene-d12	23.92	264	7717	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	1015	0.39	ng	0.00
5) Phenol-d6	7.00	99	1460	0.40	ng	0.00
8) Nitrobenzene-d5	8.97	82	1426	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2814	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	490	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4265	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	32459	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	6510	0.37	ng	0.00

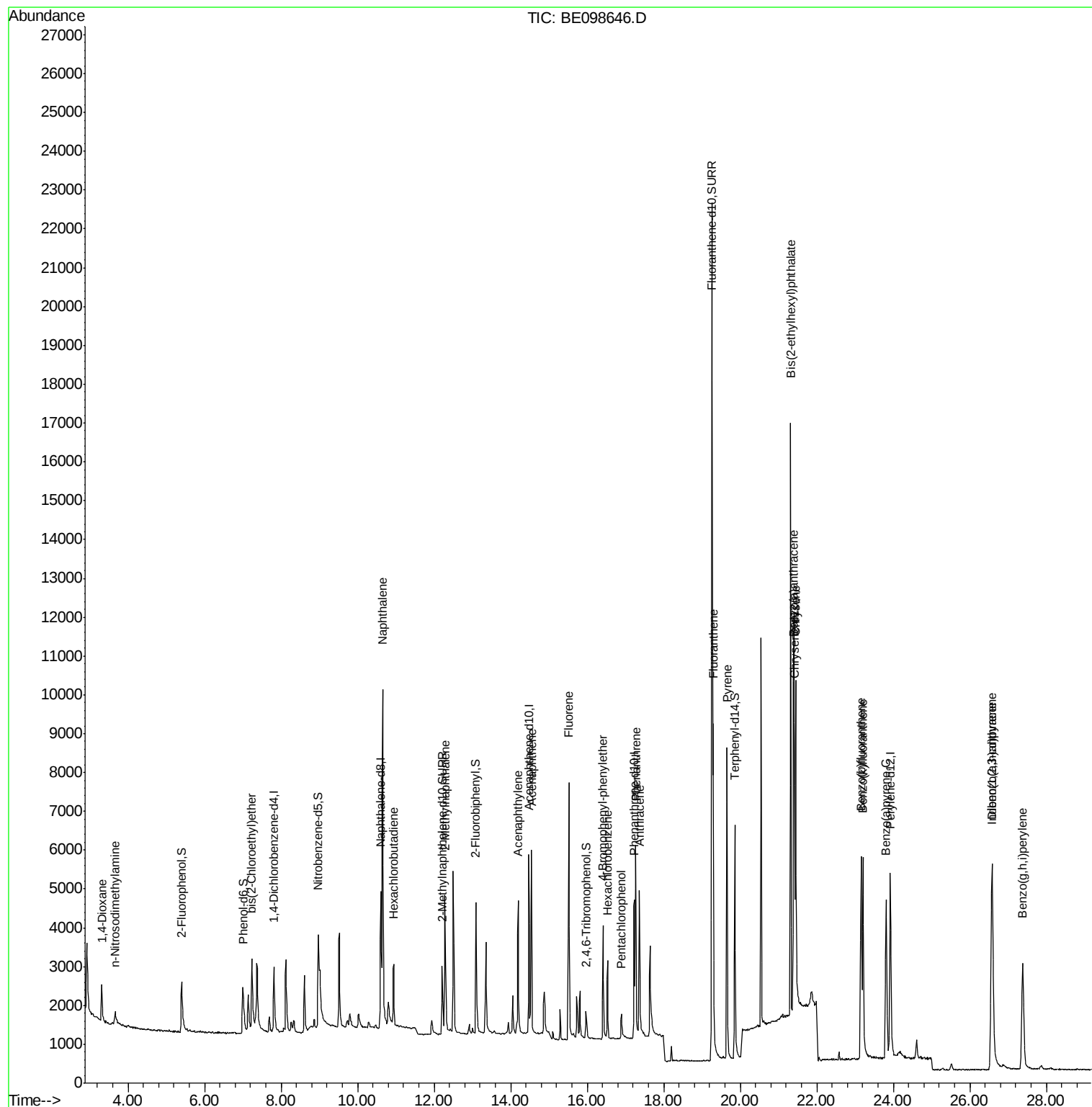
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	703	0.391	ng	93
3) n-Nitrosodimethylamine	3.66	42	543	0.391	ng	# 91
6) bis(2-Chloroethyl)ether	7.23	93	963	0.345	ng	# 97
9) Naphthalene	10.65	128	16188	0.384	ng	100
10) Hexachlorobutadiene	10.94	225	1243	0.412	ng	98
12) 2-Methylnaphthalene	12.28	142	2749	0.393	ng	97
16) Acenaphthylene	14.20	152	4576	0.361	ng	99
17) Acenaphthene	14.54	154	2936	0.369	ng	98
18) Fluorene	15.52	166	3805	0.368	ng	98
20) 4-Bromophenyl-phenylether	16.41	248	1397	0.381	ng	93
21) Hexachlorobenzene	16.53	284	1690	0.382	ng	97
22) Pentachlorophenol	16.89	266	541	0.499	ng	97
23) Phenanthrene	17.27	178	5985	0.365	ng	99
24) Anthracene	17.36	178	5044	0.359	ng	99
26) Fluoranthene	19.29	202	7870	0.373	ng	98
28) Pyrene	19.65	202	8195	0.376	ng	100
30) Benzo(a)anthracene	21.39	228	8255	0.388	ng	98
31) Chrysene	21.45	228	8236	0.373	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	16237	0.359	ng	100
33) Indeno(1,2,3-cd)pyrene	26.57	276	8698	0.382	ng	99
35) Benzo(b)fluoranthene	23.15	252	7865	0.374	ng	97
36) Benzo(k)fluoranthene	23.20	252	8647	0.376	ng	98
37) Benzo(a)pyrene	23.81	252	7739	0.374	ng	99
38) Dibenzo(a,h)anthracene	26.59	278	6997	0.382	ng	99
39) Benzo(g,h,i)perylene	27.38	276	7563	0.377	ng	98

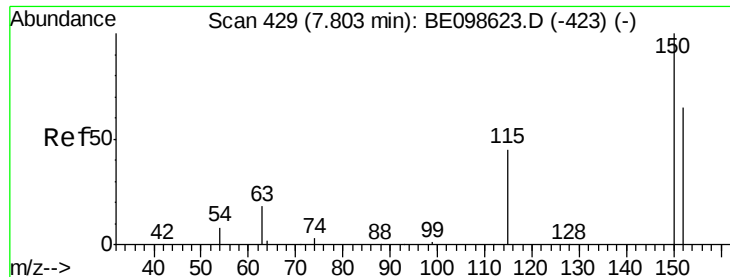
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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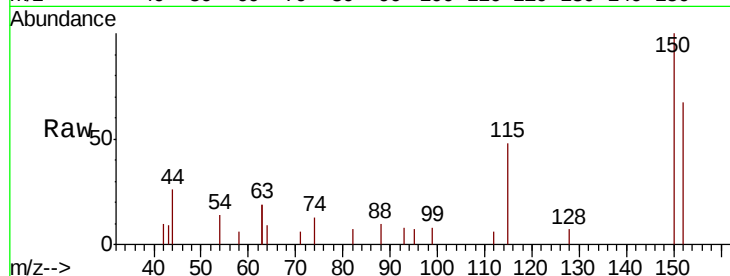


#1

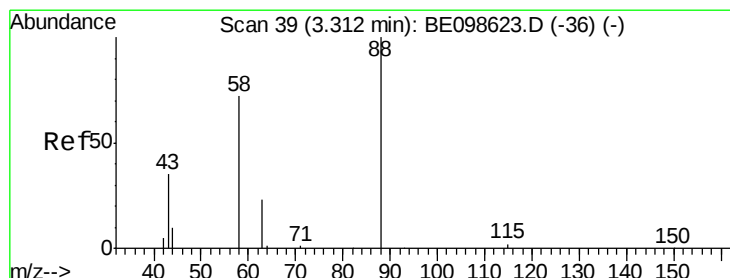
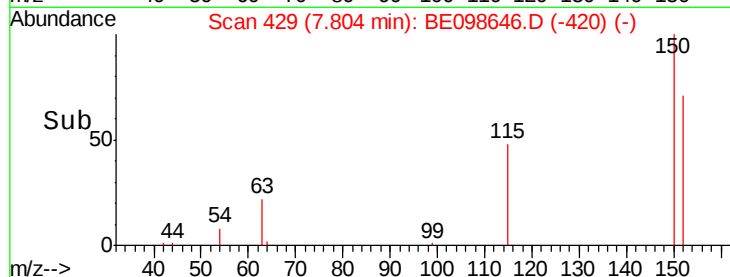
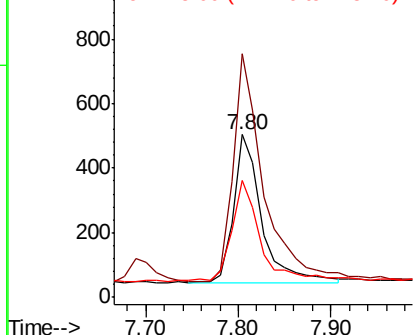
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098646.D
Acq: 17 Jan 2019 9:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 971
Ion Ratio Lower Upper
152 100
150 149.6 121.4 182.2
115 71.8 59.1 88.7



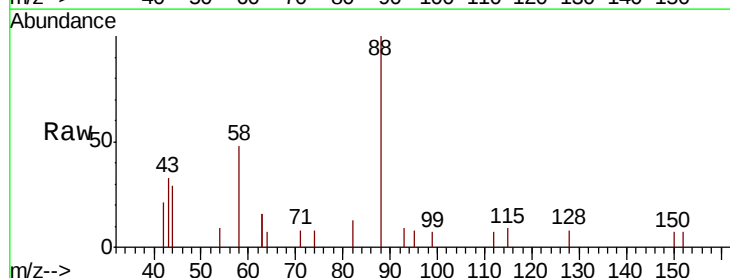
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



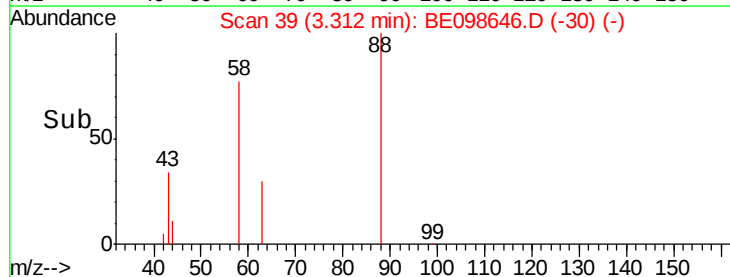
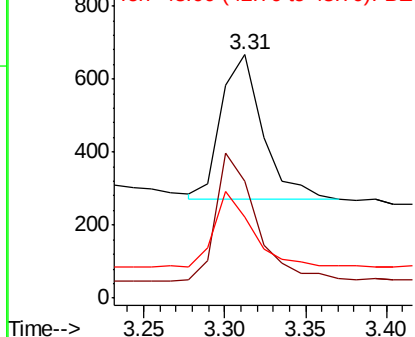
#2

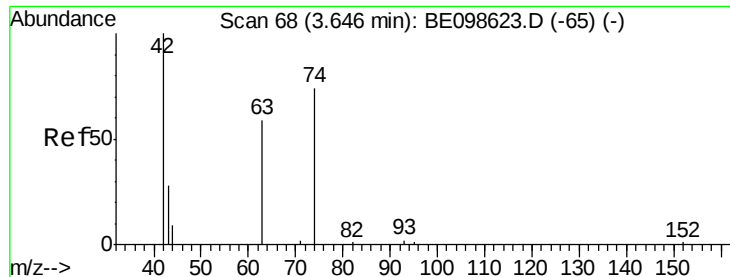
1,4-Dioxane
Concen: 0.391 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098646.D
Acq: 17 Jan 2019 9:18

Tgt Ion: 88 Resp: 703
Ion Ratio Lower Upper
88 100
58 87.3 73.9 110.9
43 47.7 43.7 65.5



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: 0.391 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.01 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

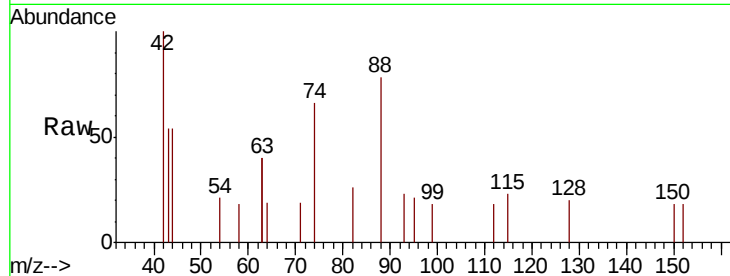
Tot Ion: 42 Resp: 543

Ion Ratio Lower Upper

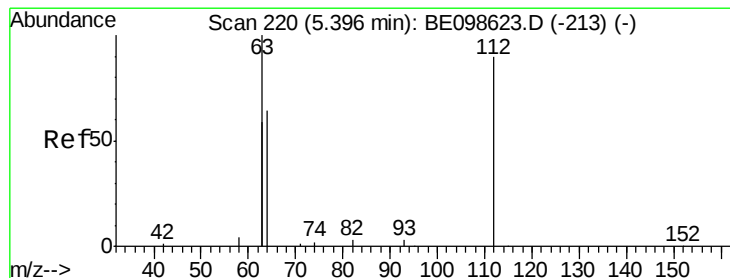
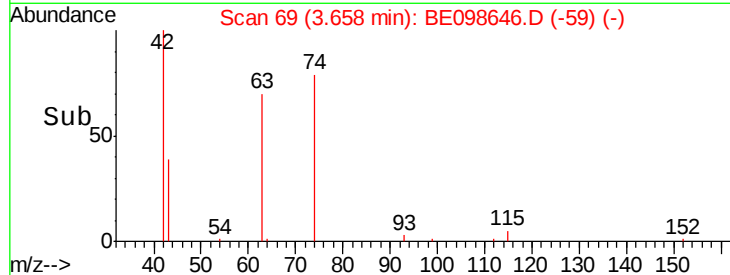
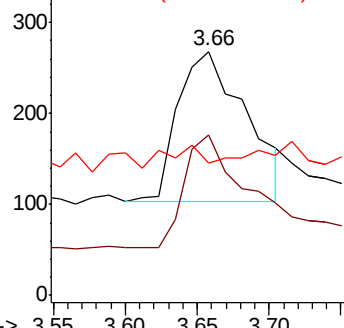
42 100

74 66.1 58.9 88.3

44 9.2 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: 0.392 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

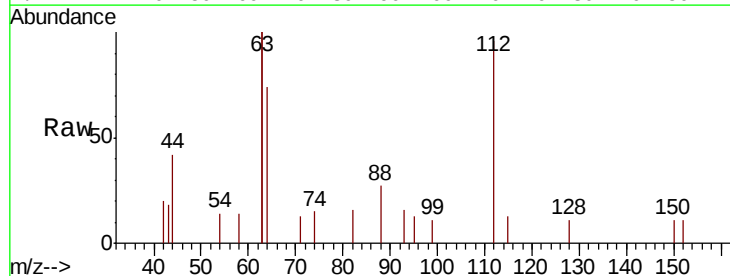
Tgt Ion: 112 Resp: 1015

Ion Ratio Lower Upper

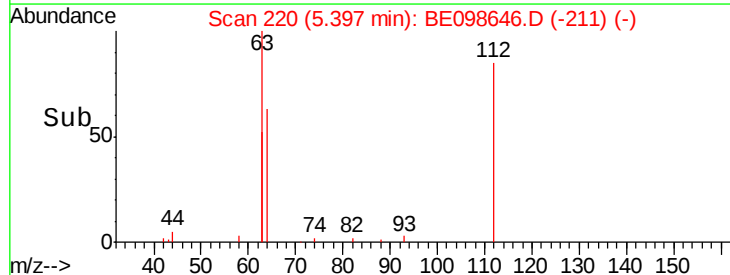
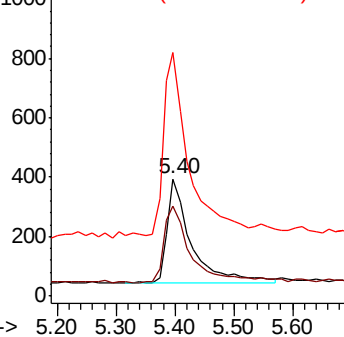
112 100

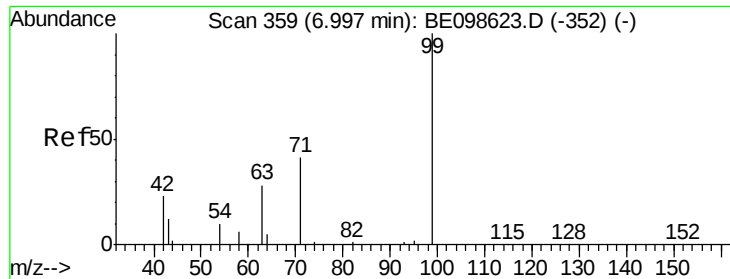
64 81.4 62.9 94.3

63 178.9 152.2 228.4



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: 0.396 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

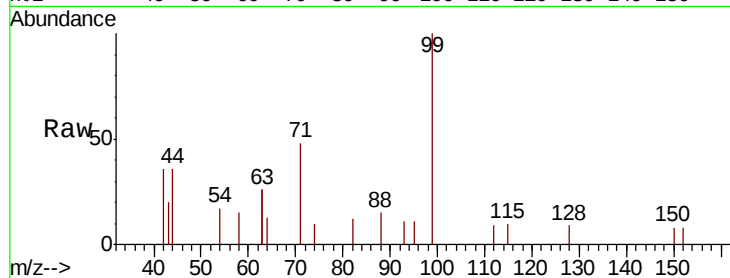
Tot Ion: 99 Resp: 1460

Ion Ratio Lower Upper

99 100

42 35.0 24.6 37.0

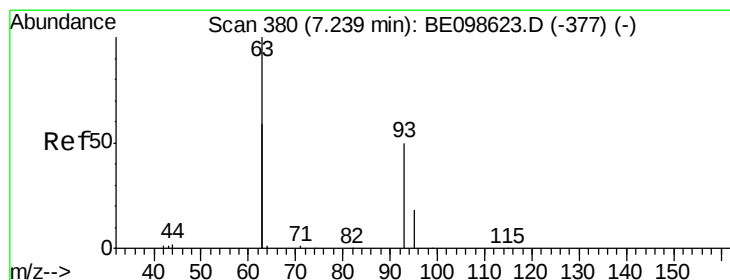
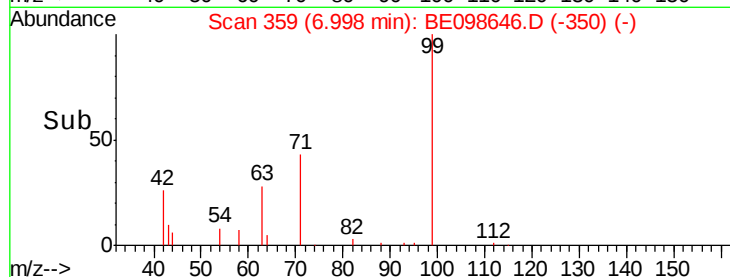
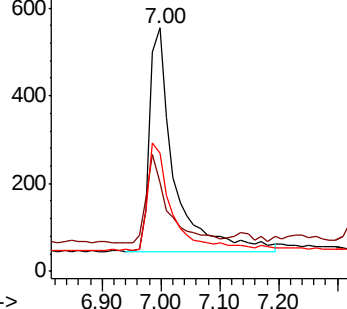
71 46.6 35.1 52.7



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: 0.345 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

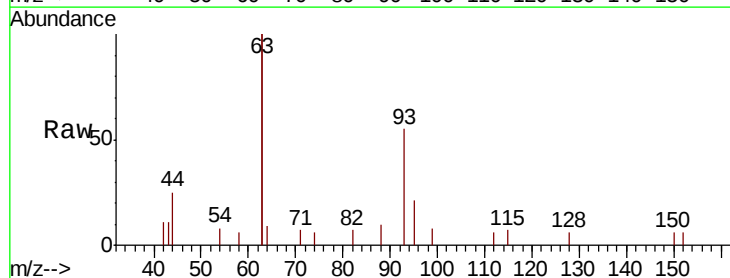
Tgt Ion: 93 Resp: 963

Ion Ratio Lower Upper

93 100

63 333.5 267.3 400.9

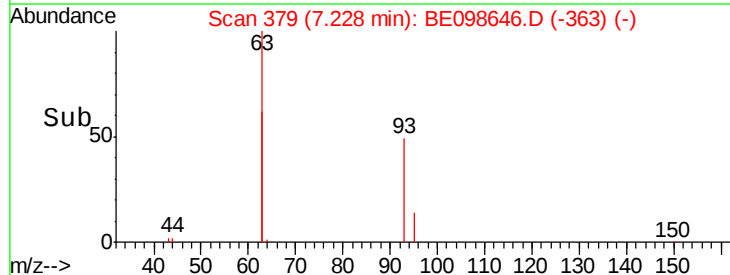
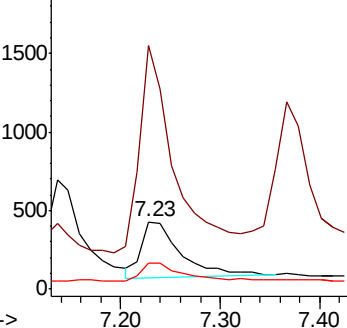
95 17.9 26.2 39.4#

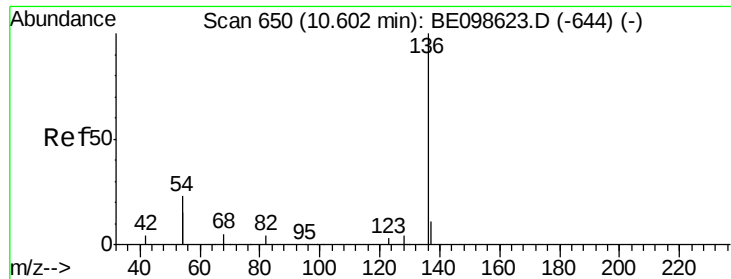


Abundance Ion 93.00 (92.70 to 93.70): BE0

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. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 4235

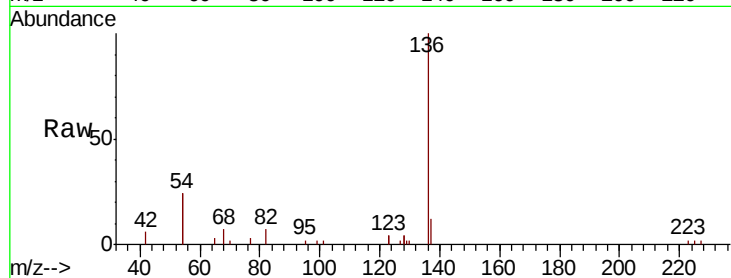
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 47.1 35.5 53.3

68 7.4 5.0 7.6

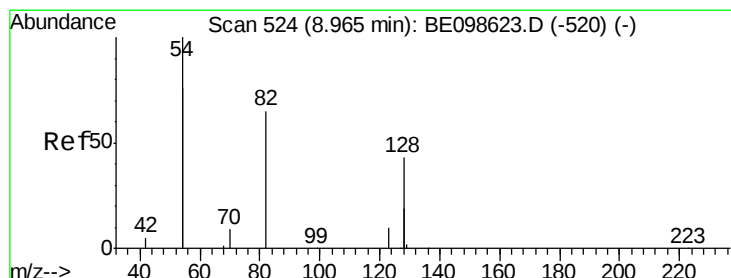
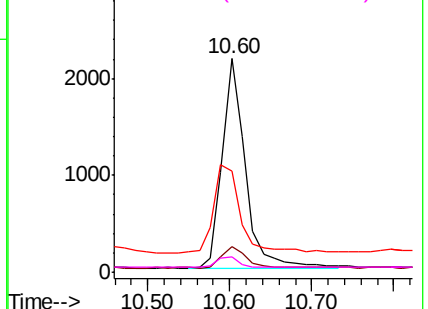
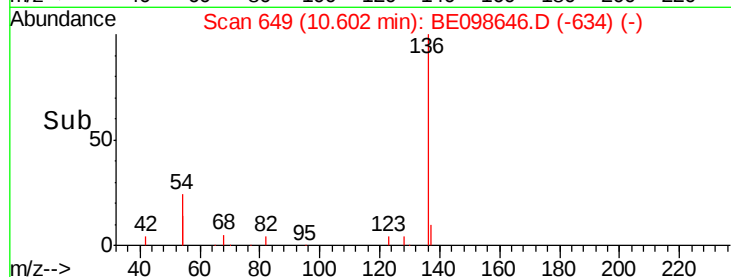


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.425 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

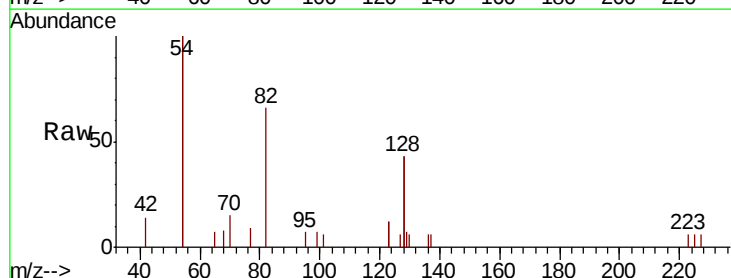
Tgt Ion: 82 Resp: 1426

Ion Ratio Lower Upper

82 100

128 128.5 96.5 144.7

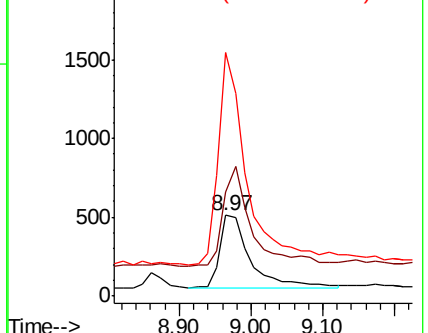
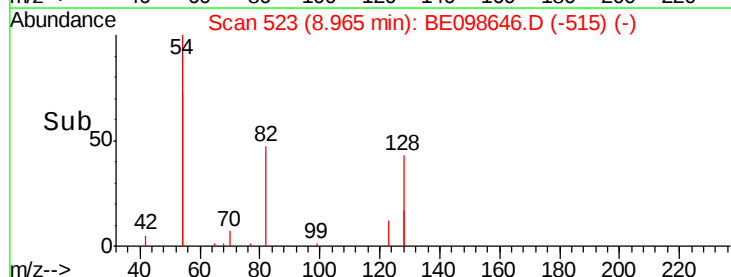
54 301.6 224.7 337.1

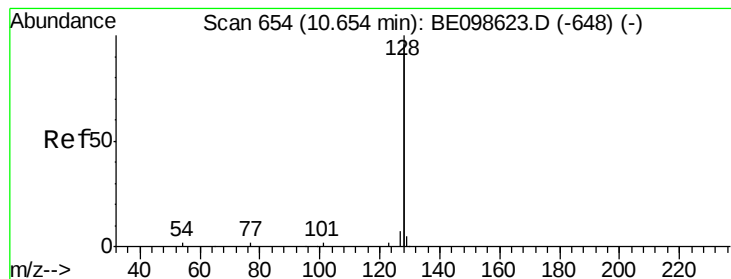


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.384 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

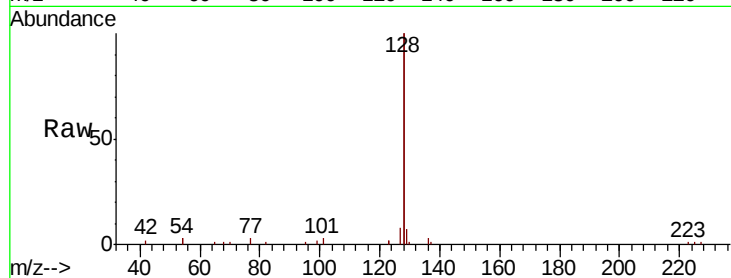
Tot Ion:128 Resp: 16188

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

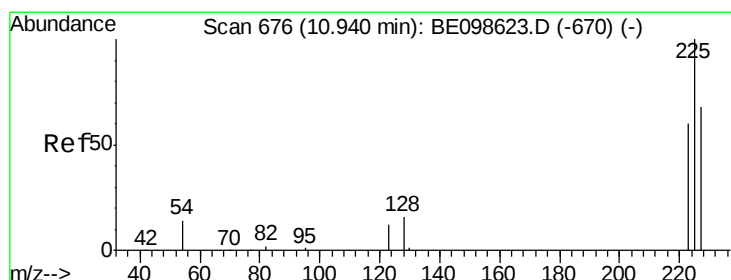
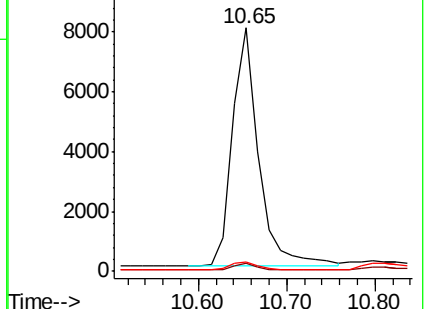
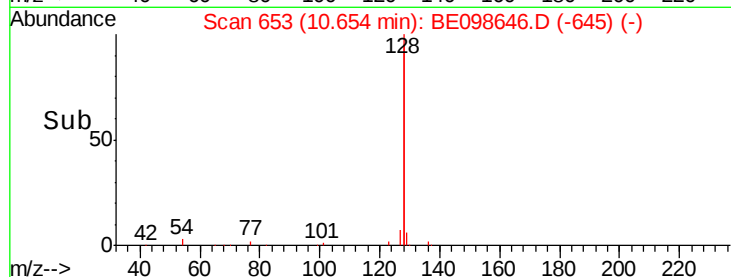
127 3.9 3.0 4.6



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: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

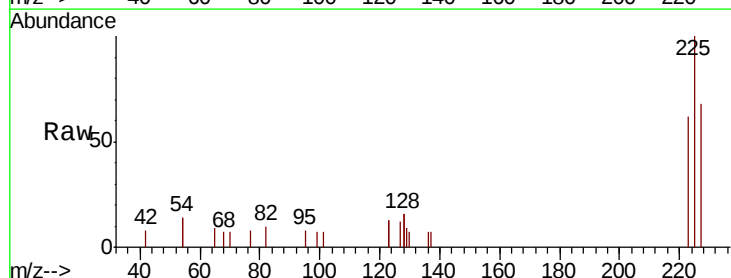
Tgt Ion:225 Resp: 1243

Ion Ratio Lower Upper

225 100

223 60.5 47.8 71.8

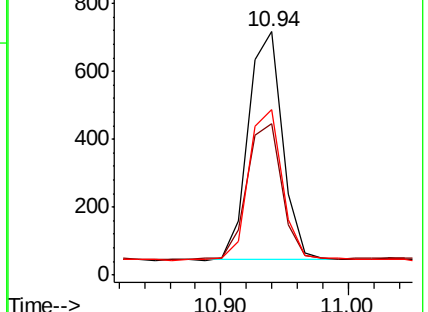
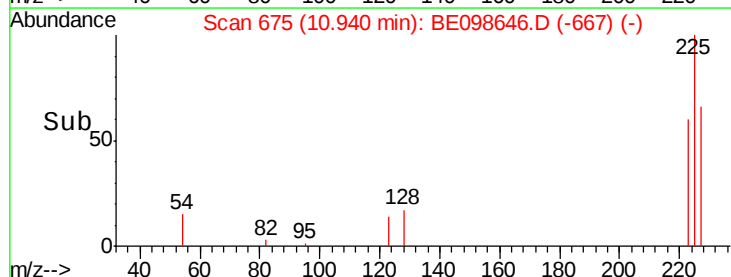
227 65.5 50.5 75.7

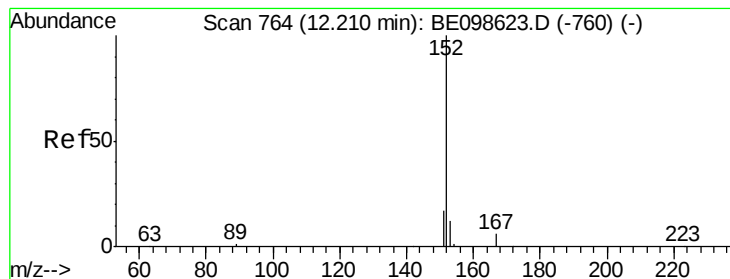


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

Instrument :

BNA_E

ClientSampleId :

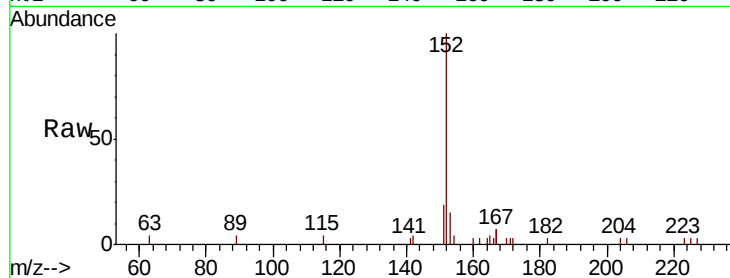
SSTDCCC0.4

Tot Ion:152 Resp: 2814

Ion Ratio Lower Upper

152 100

151 19.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

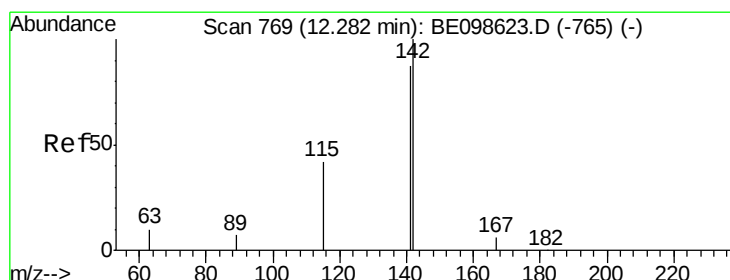
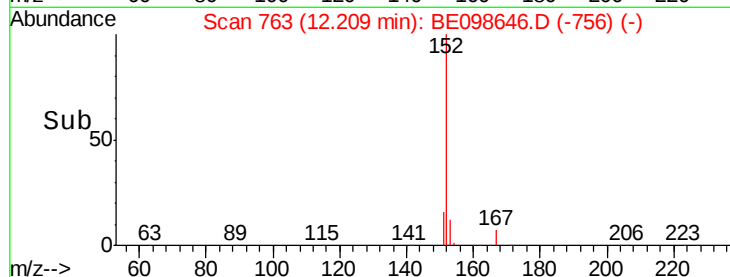
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.393 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

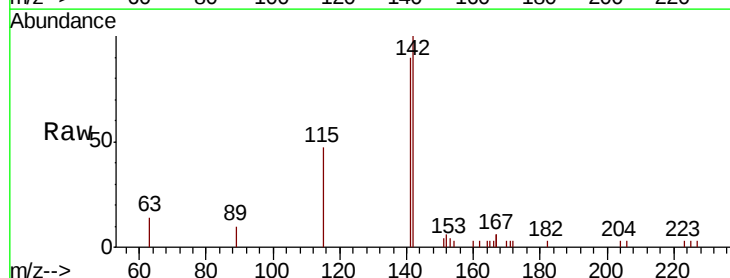
Tgt Ion:142 Resp: 2749

Ion Ratio Lower Upper

142 100

141 90.0 70.0 105.0

115 46.7 35.2 52.8



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

2000

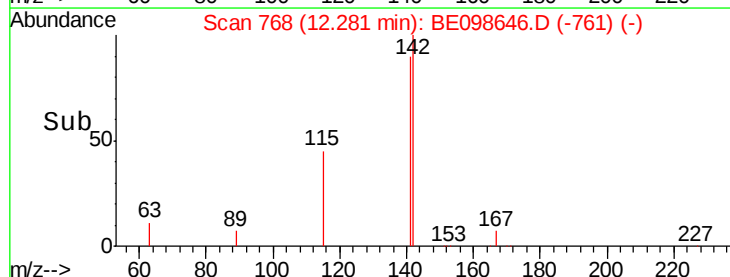
1500

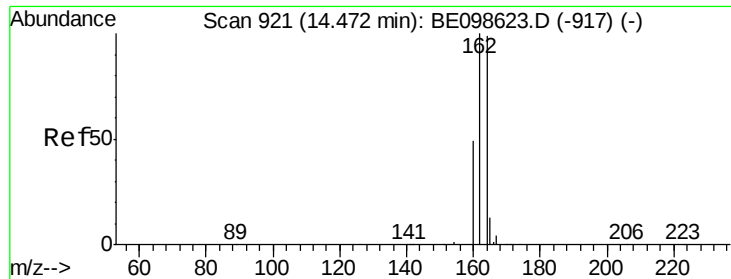
1000

500

0

Time-->

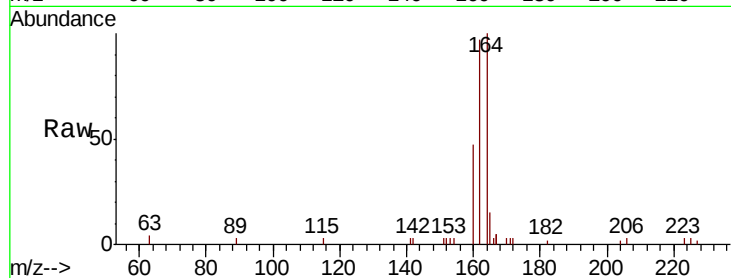




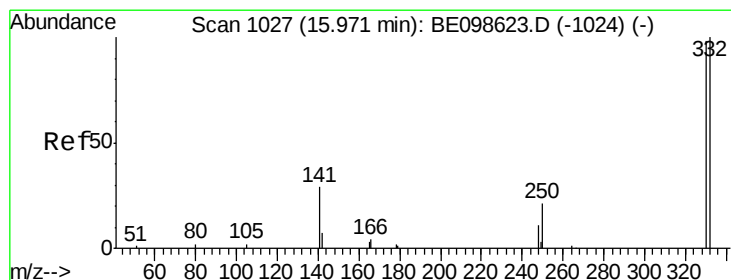
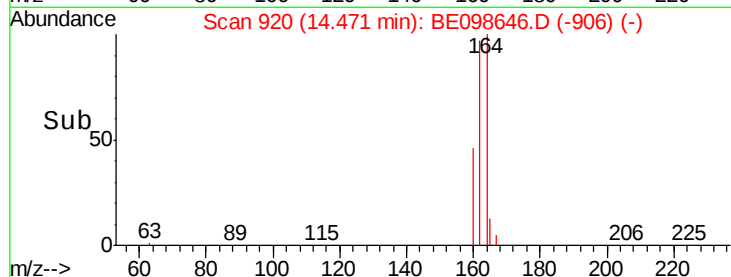
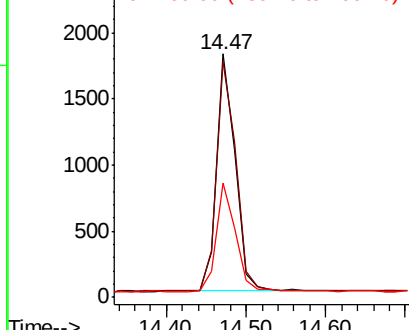
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098646.D
Acq: 17 Jan 2019 9:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:164 Resp: 2926
Ion Ratio Lower Upper
164 100
162 96.8 80.5 120.7
160 46.8 40.1 60.1

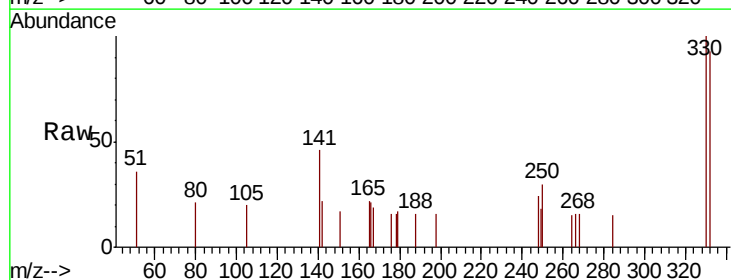


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

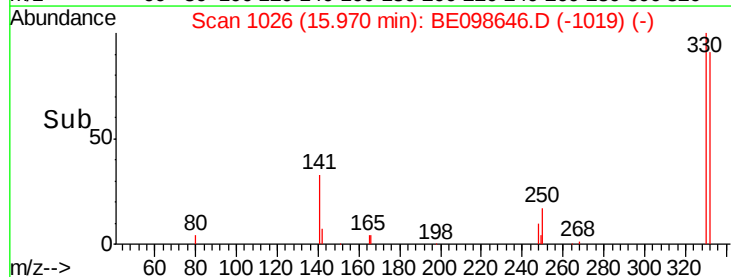
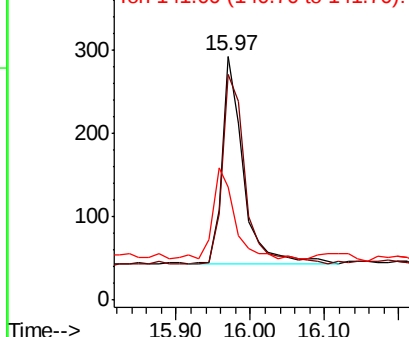


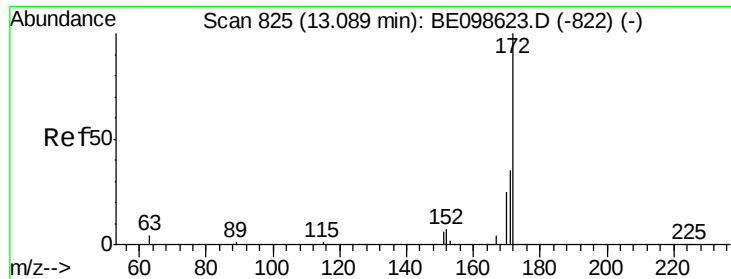
#14
2,4,6-Tribromophenol
Concen: 0.385 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098646.D
Acq: 17 Jan 2019 9:18

Tgt Ion:330 Resp: 490
Ion Ratio Lower Upper
330 100
332 99.0 73.3 109.9
141 44.5 33.1 49.7



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

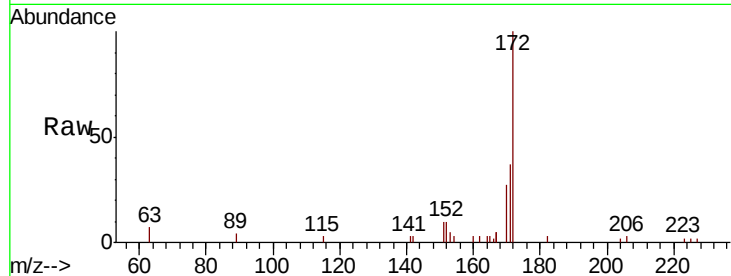




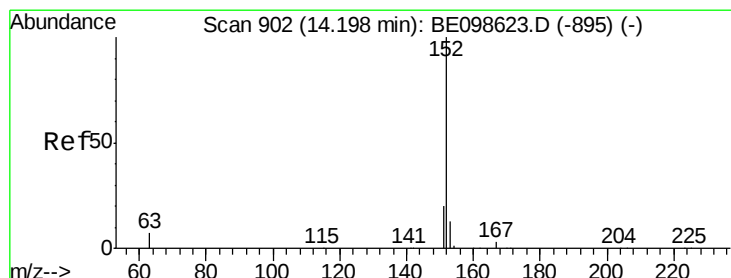
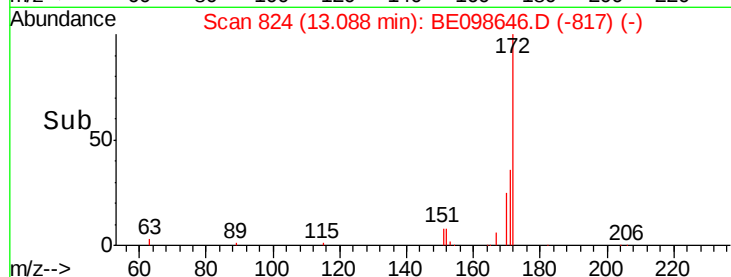
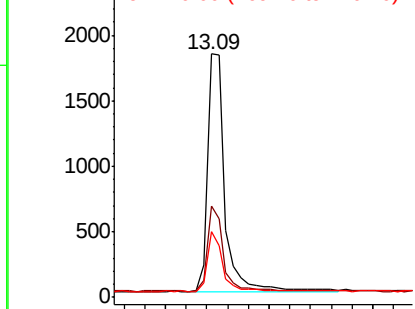
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098646.D
Acq: 17 Jan 2019 9:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 4265
Ion Ratio Lower Upper
172 100
171 37.4 29.0 43.4
170 27.0 20.8 31.2

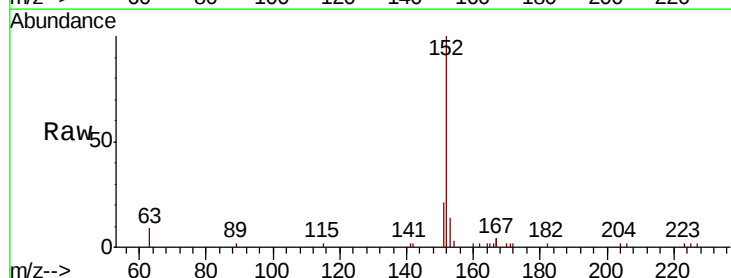


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

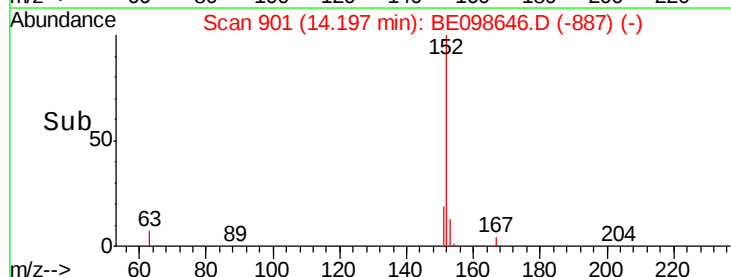
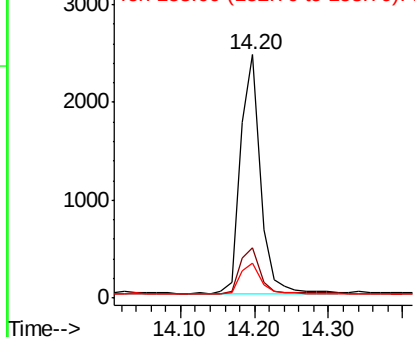


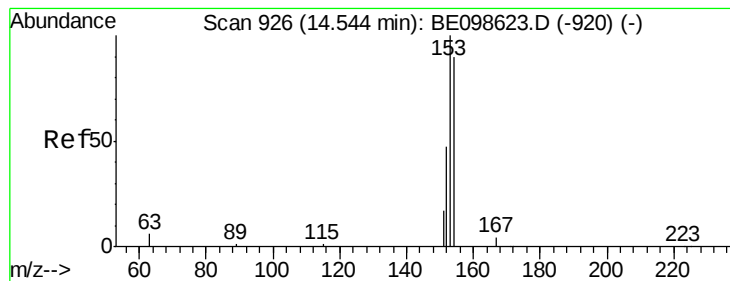
#16
Acenaphthylene
Concen: 0.361 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE098646.D
Acq: 17 Jan 2019 9:18

Tgt Ion:152 Resp: 4576
Ion Ratio Lower Upper
152 100
151 19.6 16.3 24.5
153 13.2 10.7 16.1



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: 0.369 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

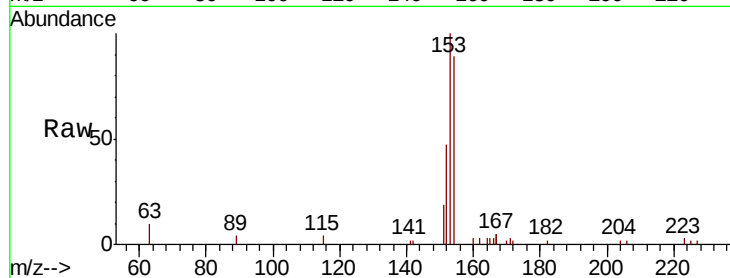
Tot Ion:154 Resp: 2936

Ion Ratio Lower Upper

154 100

153 114.9 93.9 140.9

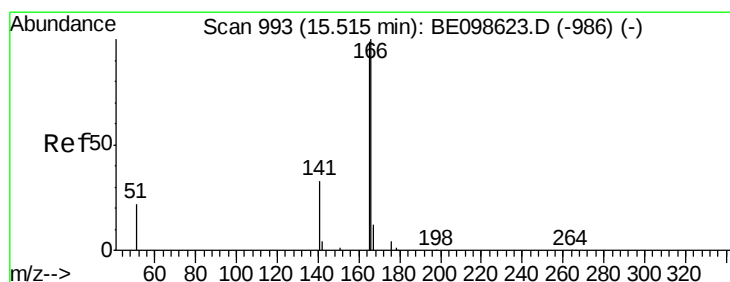
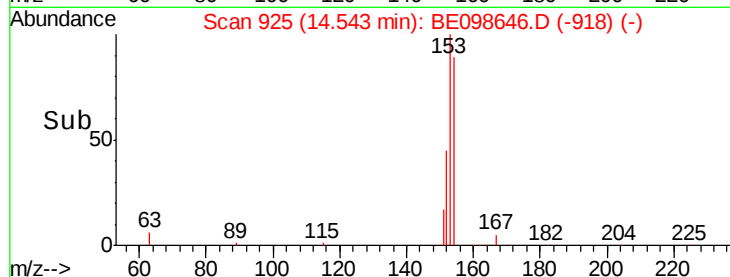
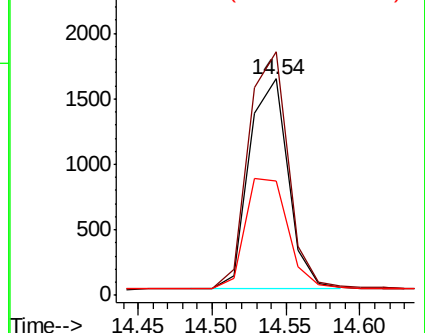
152 57.1 45.8 68.8



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: 0.368 ng

RT: 15.52 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

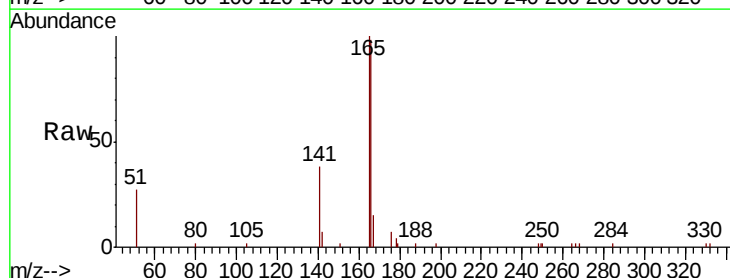
Tgt Ion:166 Resp: 3805

Ion Ratio Lower Upper

166 100

165 101.6 79.3 118.9

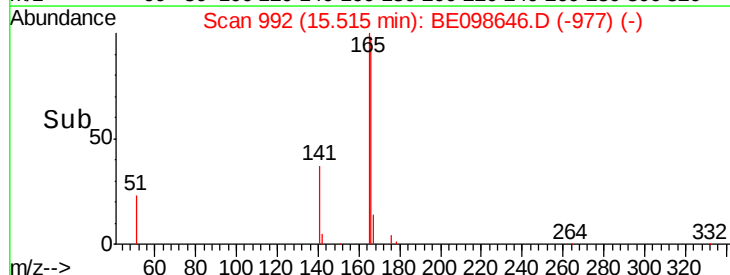
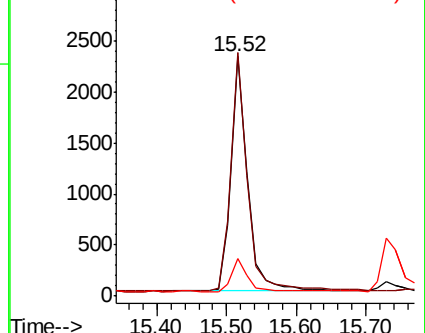
167 13.9 10.6 15.8

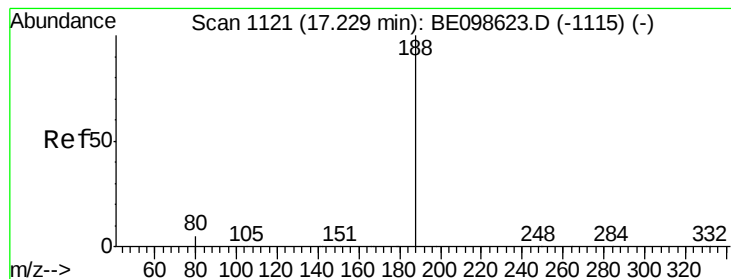


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

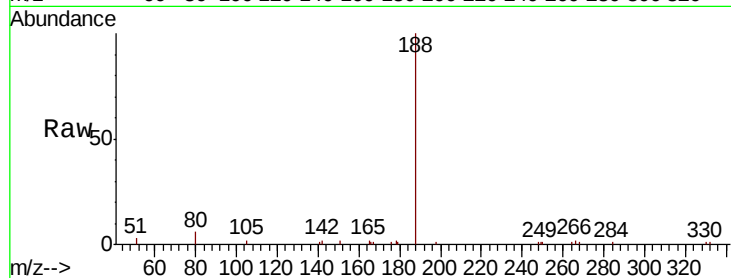
Tot Ion:188 Resp: 6928

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

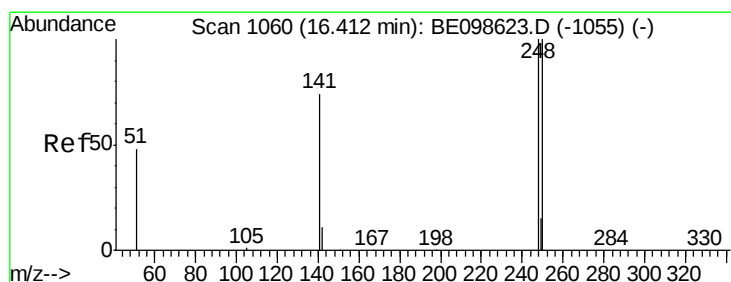
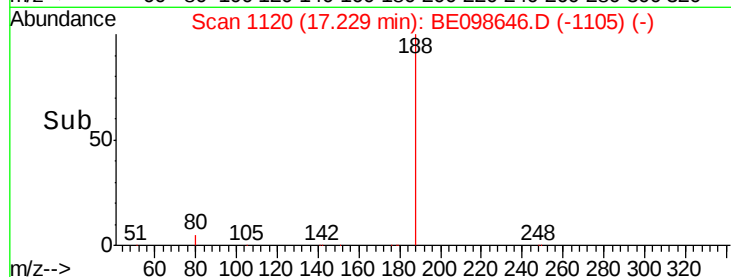
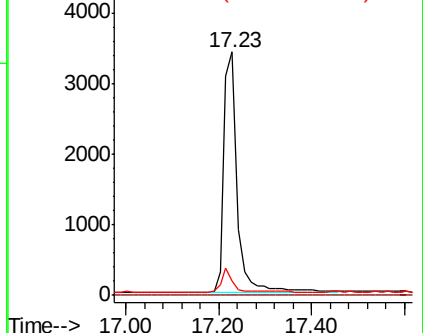
80 6.1 4.7 7.1



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: 0.381 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

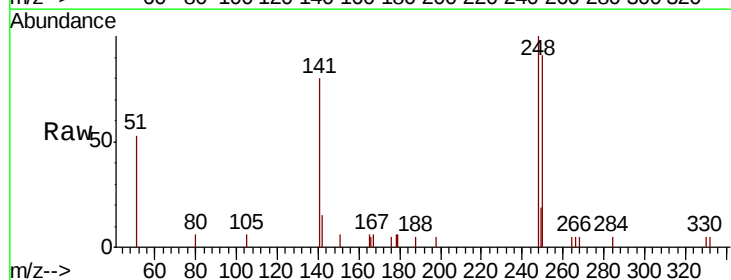
Tgt Ion:248 Resp: 1397

Ion Ratio Lower Upper

248 100

250 91.3 80.2 120.4

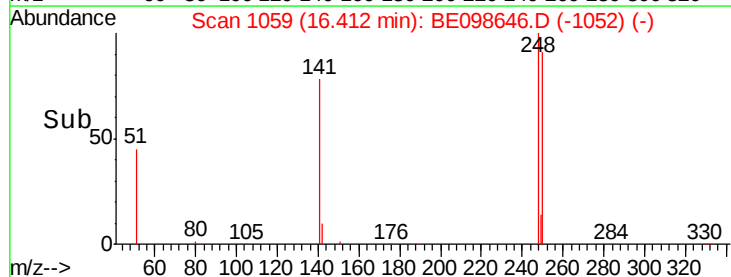
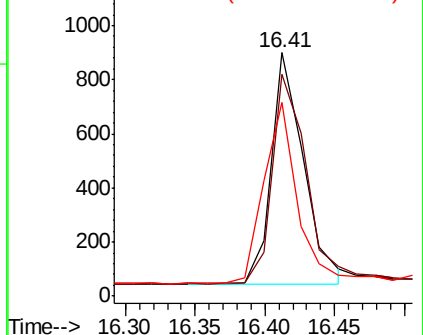
141 79.8 60.5 90.7

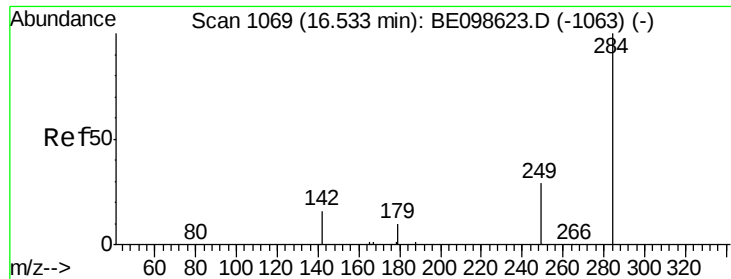


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

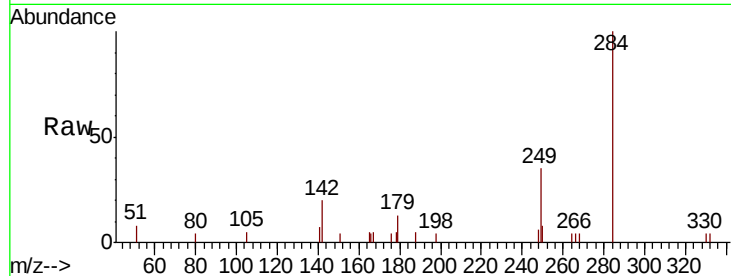




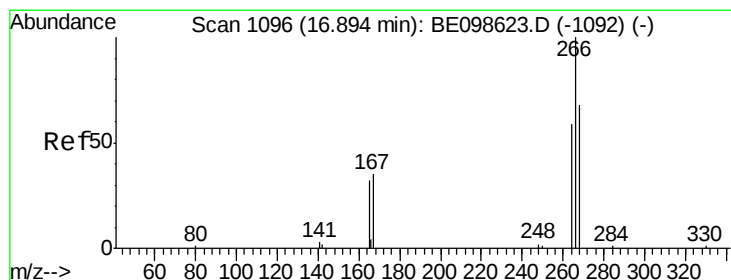
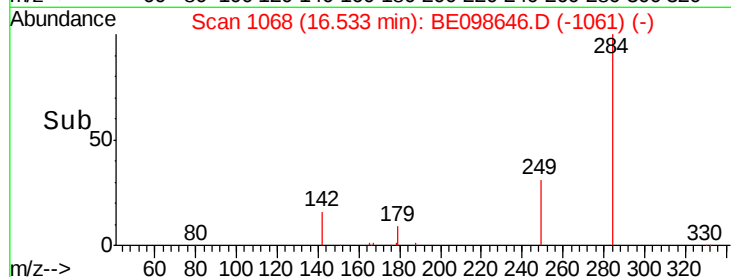
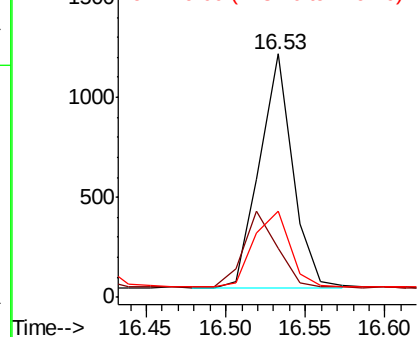
#21
Hexachlorobenzene
Concen: 0.382 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE098646.D
Acq: 17 Jan 2019 9:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 1690
Ion Ratio Lower Upper
284 100
142 33.0 25.5 38.3
249 35.6 26.6 39.8

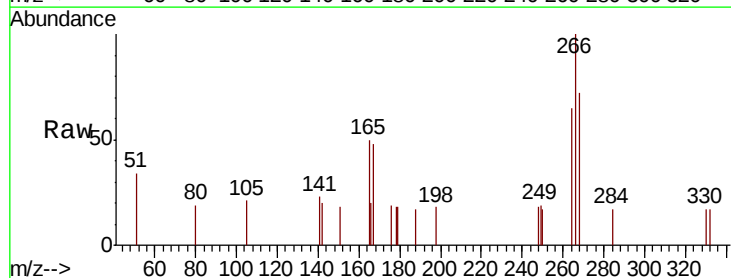


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

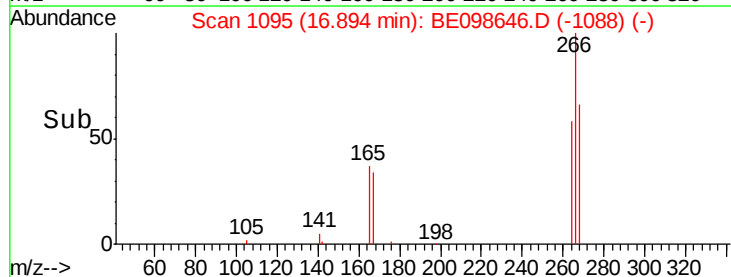
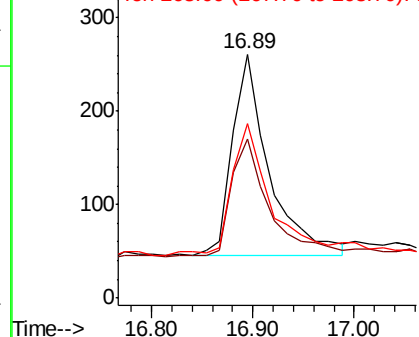


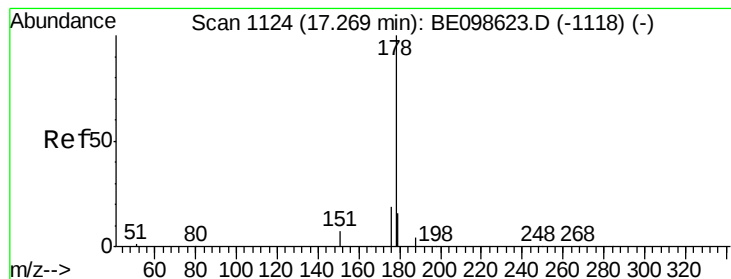
#22
Pentachlorophenol
Concen: 0.499 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE098646.D
Acq: 17 Jan 2019 9:18

Tgt Ion:266 Resp: 541
Ion Ratio Lower Upper
266 100
264 65.1 53.7 80.5
268 71.6 59.8 89.8



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: 0.365 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

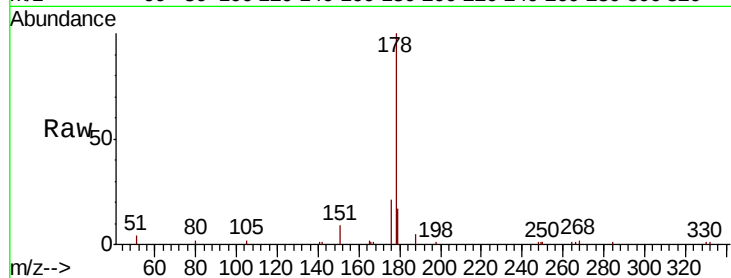
Tot Ion:178 Resp: 5985

Ion Ratio Lower Upper

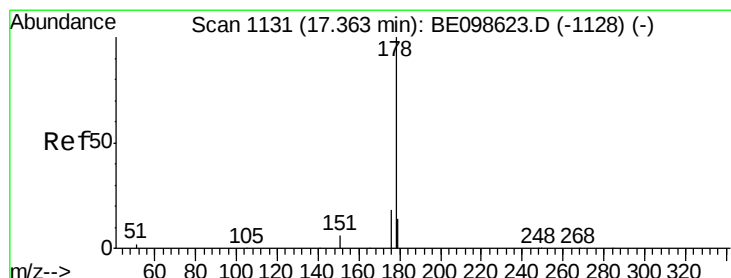
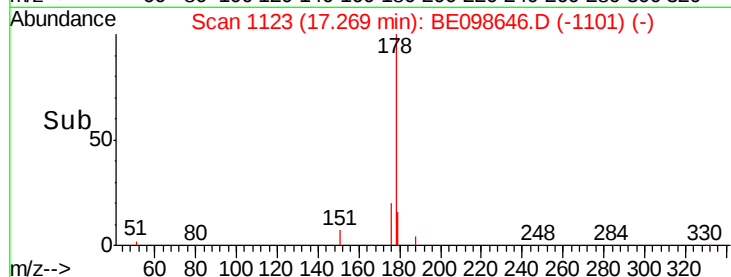
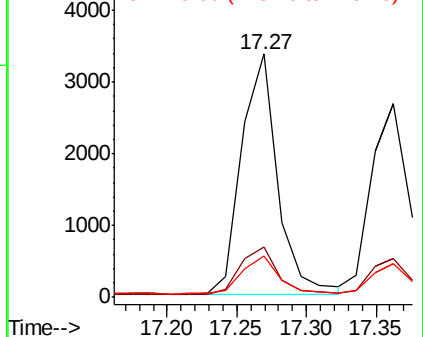
178 100

176 20.3 15.9 23.9

179 16.1 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



#24

Anthracene

Concen: 0.359 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

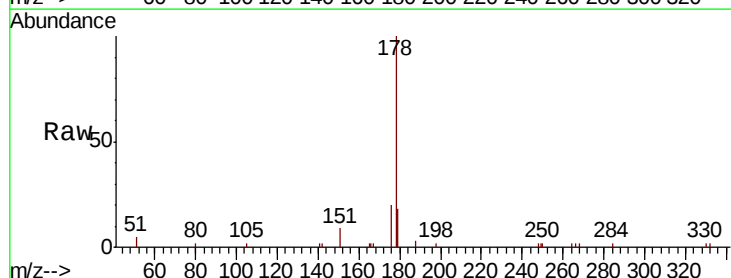
Tgt Ion:178 Resp: 5044

Ion Ratio Lower Upper

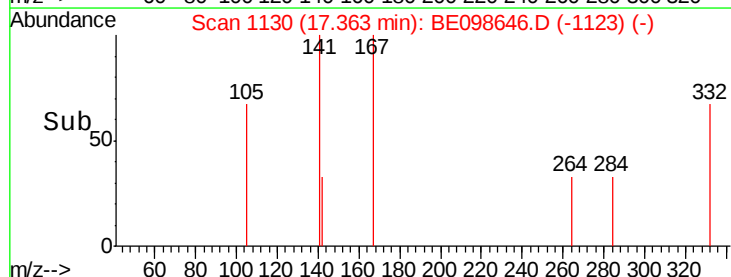
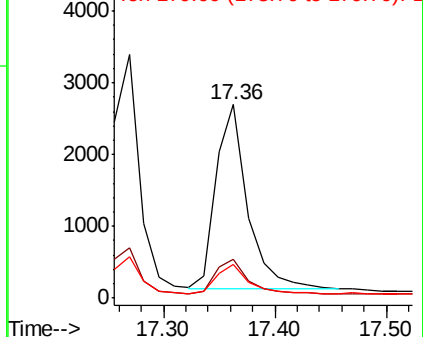
178 100

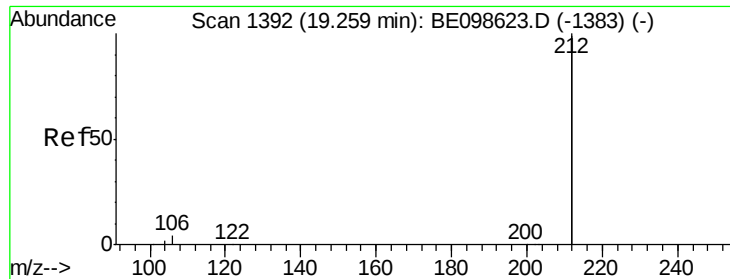
176 18.5 14.9 22.3

179 15.6 11.8 17.8



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

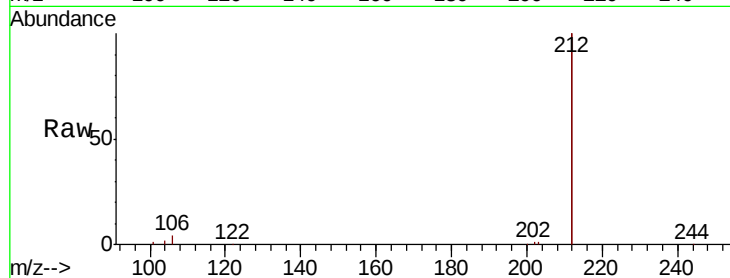




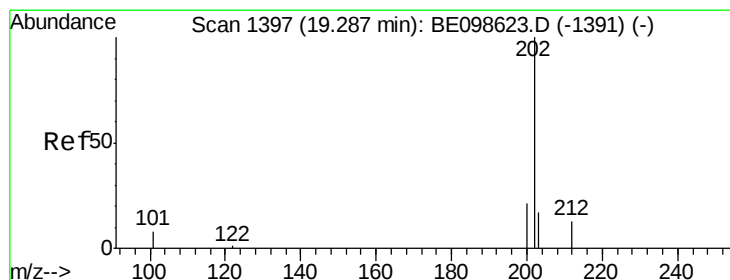
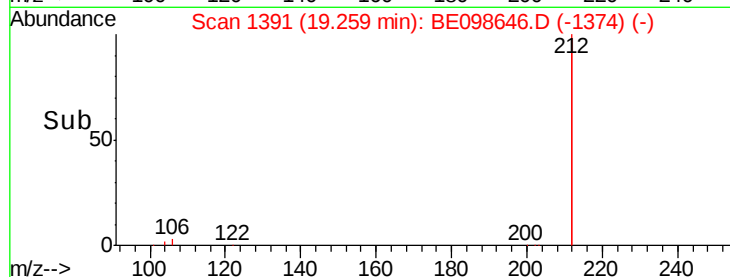
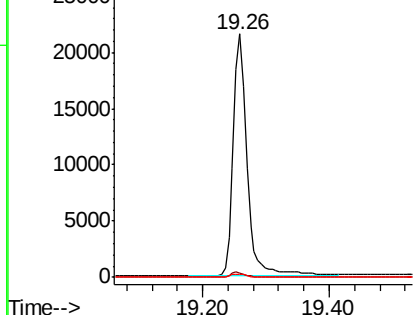
#25
 Fluoranthene-d10
 Concen: 0.378 ng
 RT: 19.26 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BE098646.D
 Acq: 17 Jan 2019 9:18

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:212 Resp: 32459
 Ion Ratio Lower Upper
 212 100
 106 2.0 1.7 2.5
 104 1.1 1.0 1.6

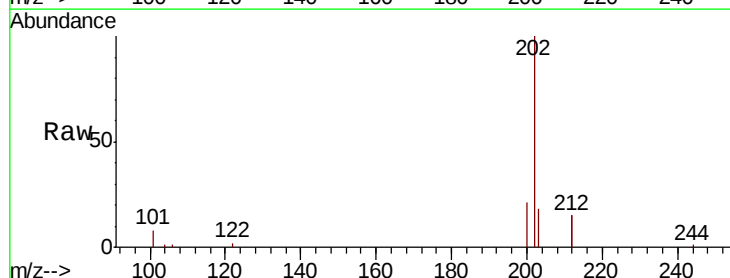


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

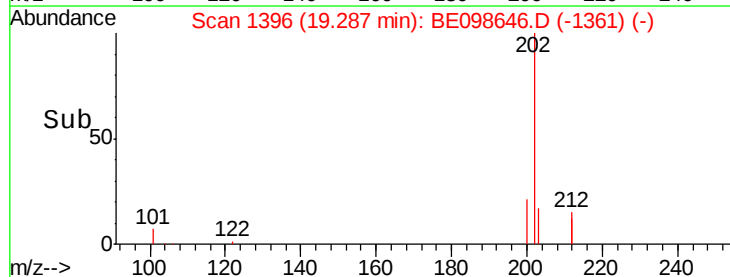
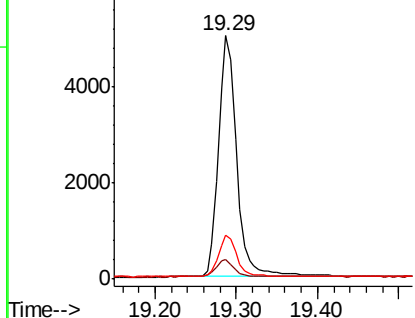


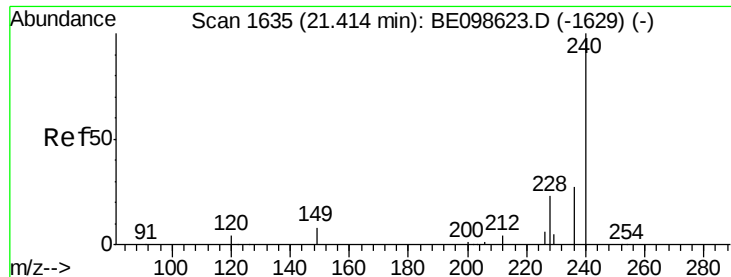
#26
 Fluoranthene
 Concen: 0.373 ng
 RT: 19.29 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: BE098646.D
 Acq: 17 Jan 2019 9:18

Tgt Ion:202 Resp: 7870
 Ion Ratio Lower Upper
 202 100
 101 7.3 6.7 10.1
 203 16.9 13.3 19.9



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: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

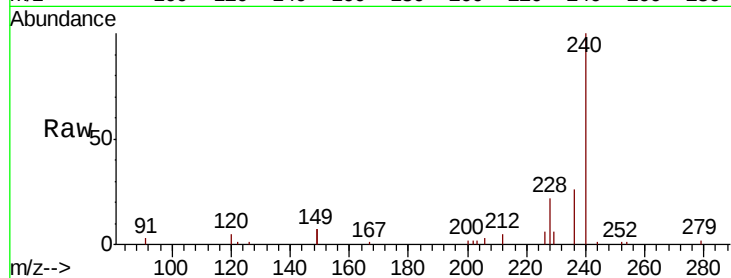
Tot Ion:240 Resp: 7923

Ion Ratio Lower Upper

240 100

120 4.8 4.7 7.1

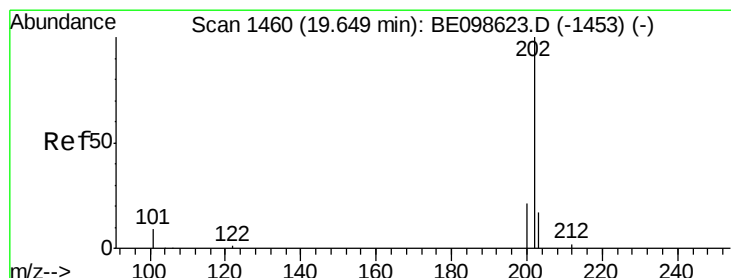
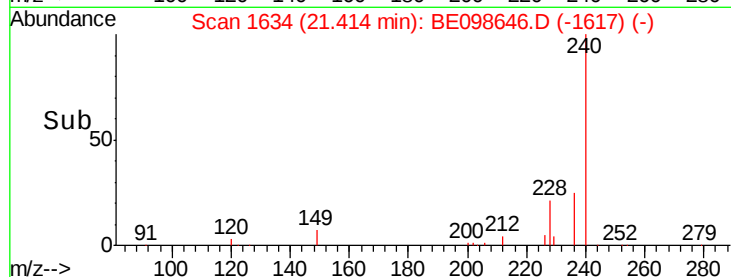
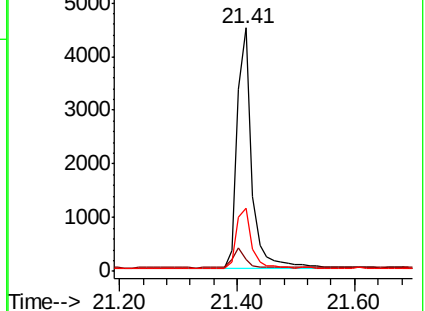
236 26.1 21.9 32.9



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: 0.376 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

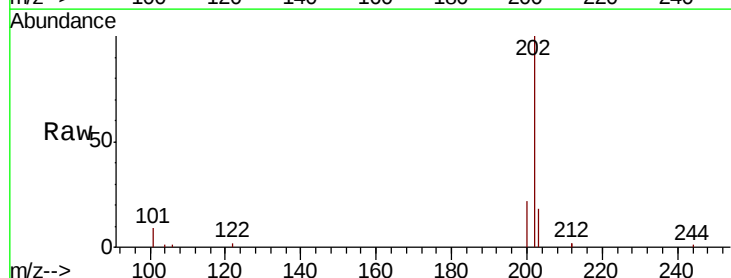
Tgt Ion:202 Resp: 8195

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.6

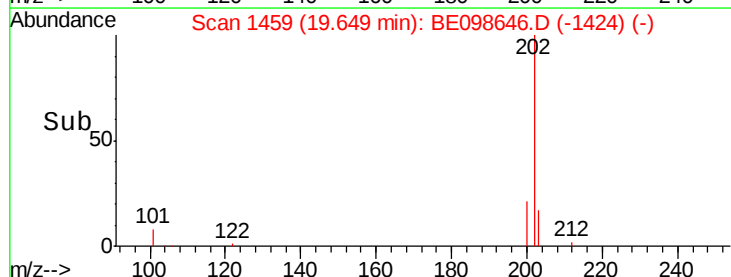
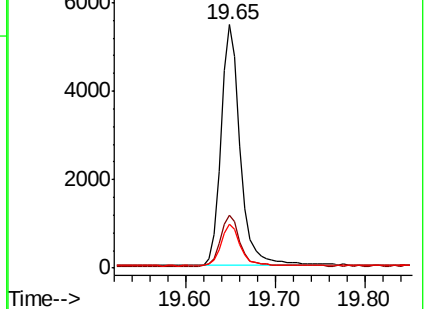
203 17.3 13.8 20.8

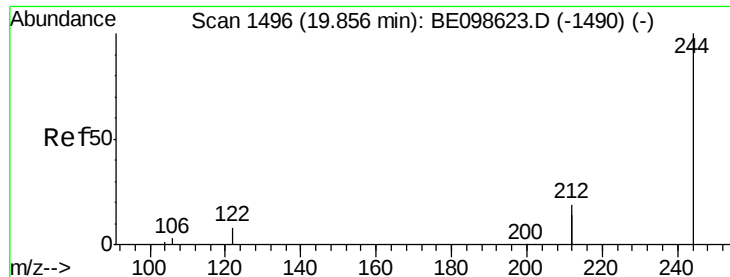


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.371 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

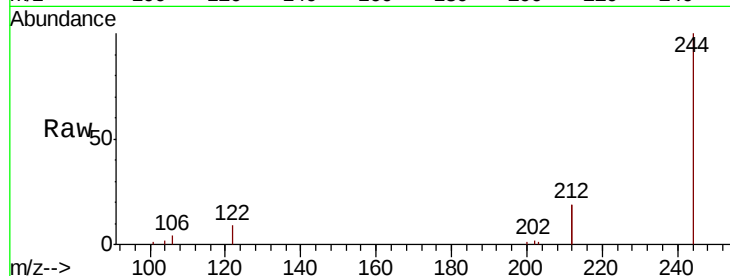
Tot Ion:244 Resp: 6510

Ion Ratio Lower Upper

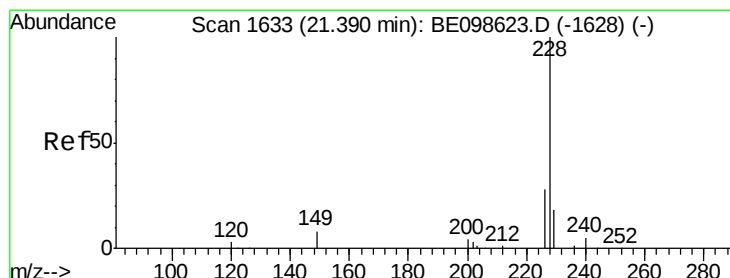
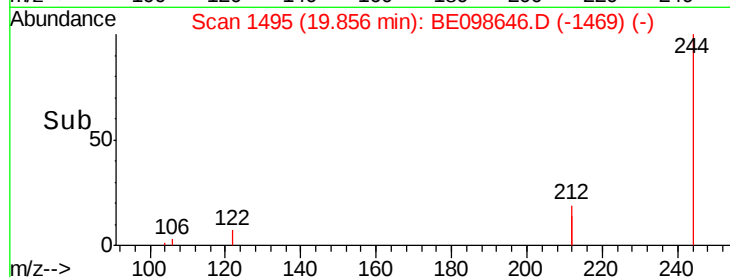
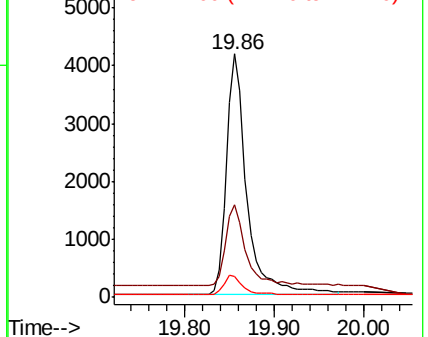
244 100

212 37.9 29.4 44.2

122 8.6 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: 0.388 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

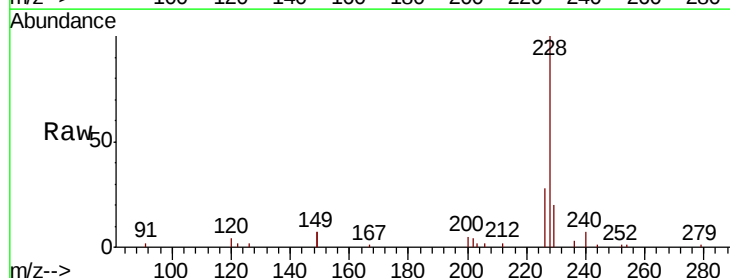
Tgt Ion:228 Resp: 8255

Ion Ratio Lower Upper

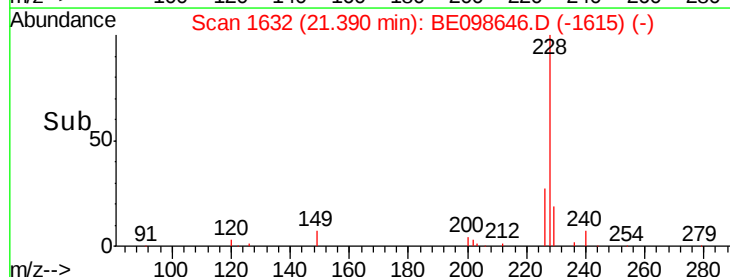
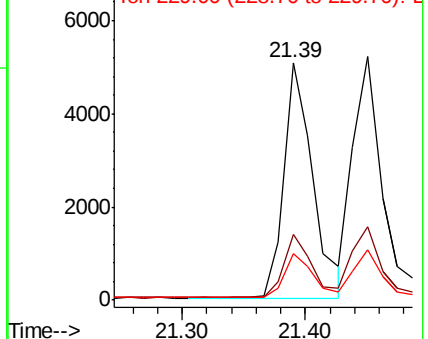
228 100

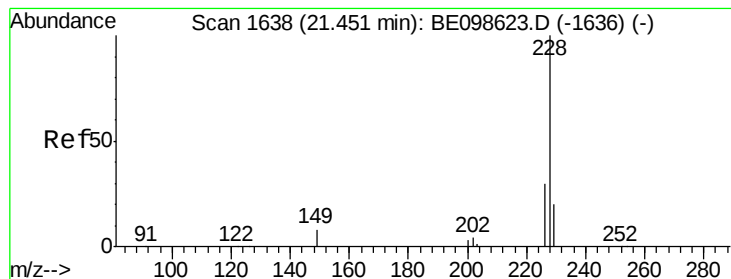
226 27.5 23.0 34.4

229 19.8 15.0 22.6



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: 0.373 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

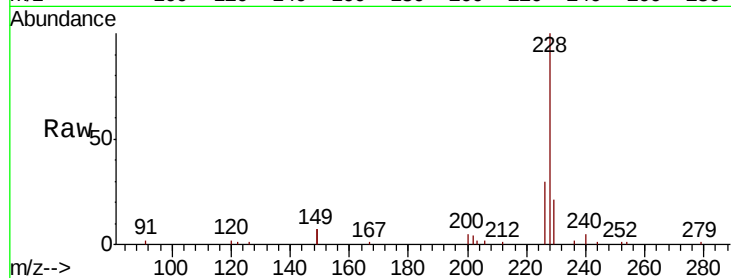
Tot Ion:228 Resp: 8236

Ion Ratio Lower Upper

228 100

226 30.3 24.6 36.8

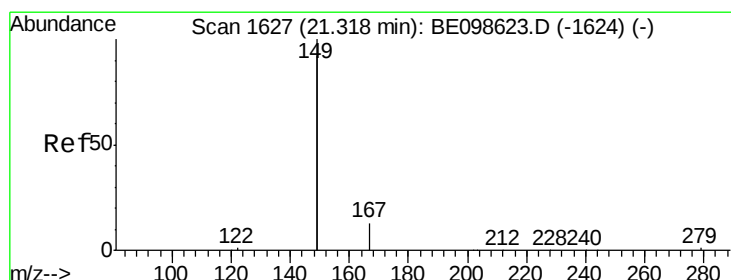
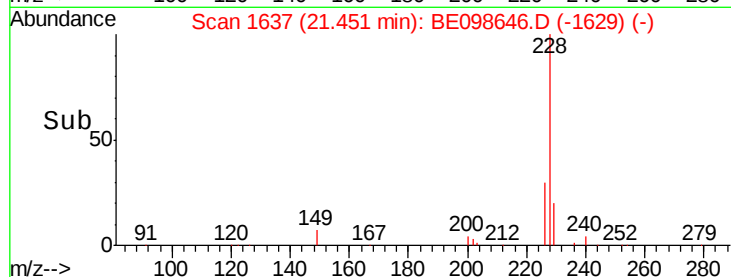
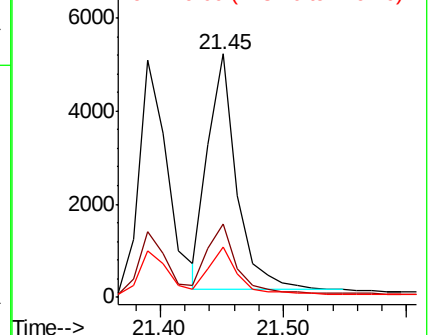
229 20.8 16.4 24.6



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: 0.359 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

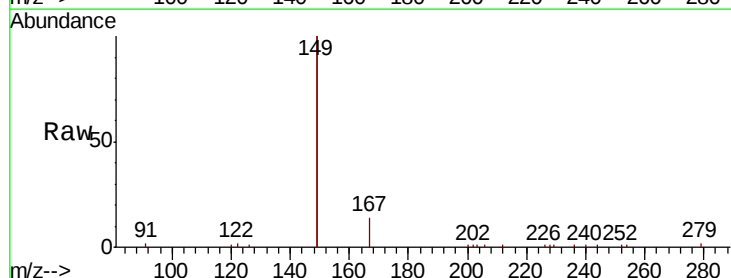
Tgt Ion:149 Resp: 16237

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.2

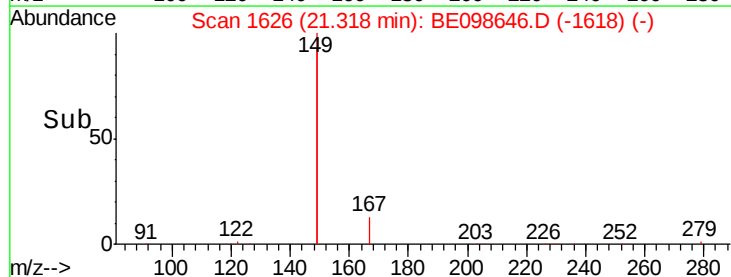
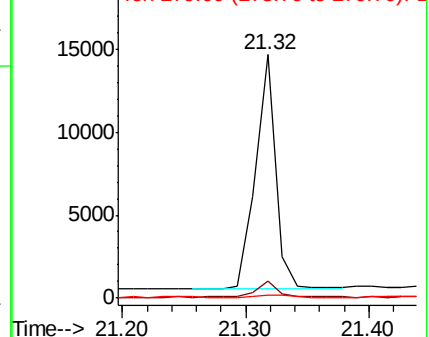
279 1.1 1.0 1.4

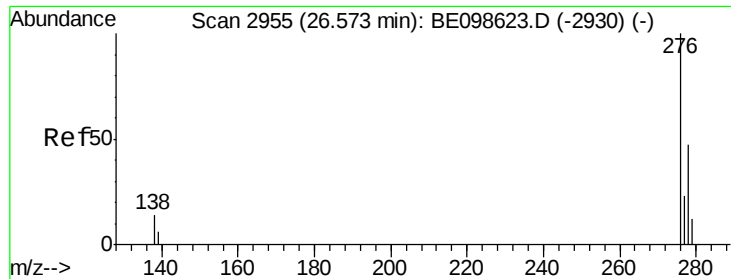


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.382 ng

RT: 26.57 min Scan# 2953

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

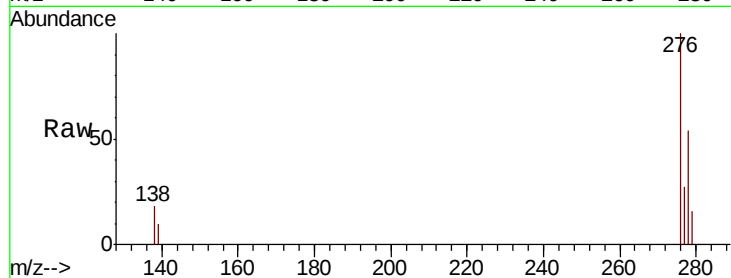
Tot Ion:276 Resp: 8698

Ion Ratio Lower Upper

276 100

138 16.3 13.3 19.9

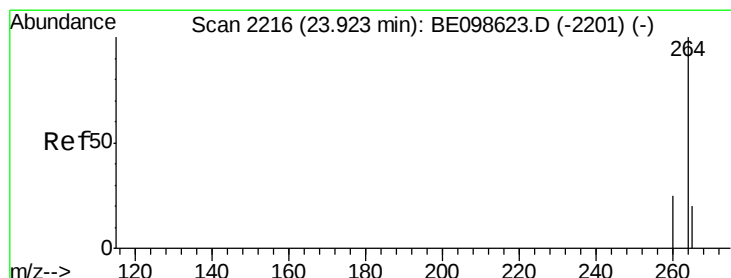
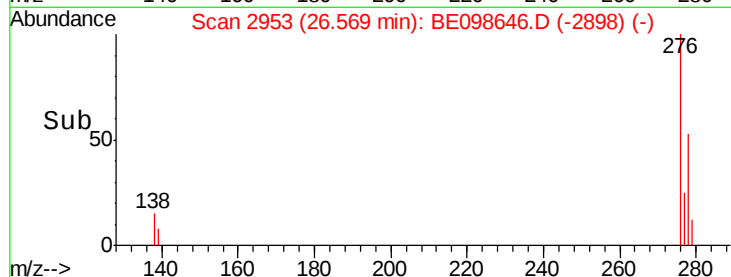
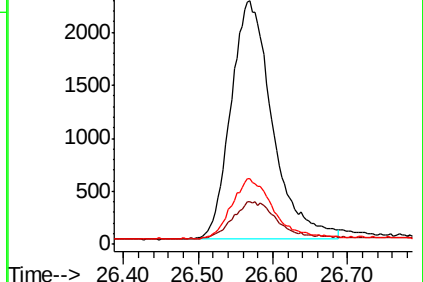
277 24.5 19.4 29.0



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: 23.92 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

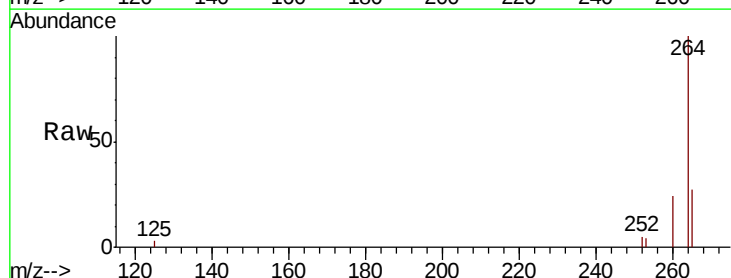
Tgt Ion:264 Resp: 7717

Ion Ratio Lower Upper

264 100

260 24.5 20.5 30.7

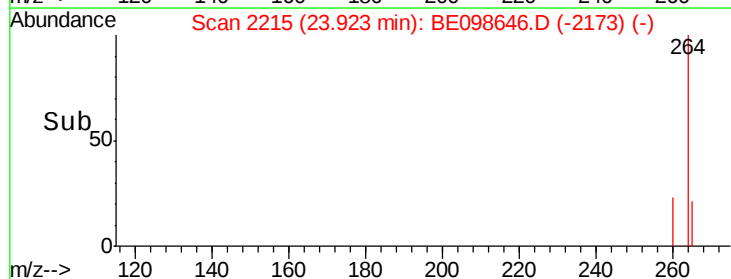
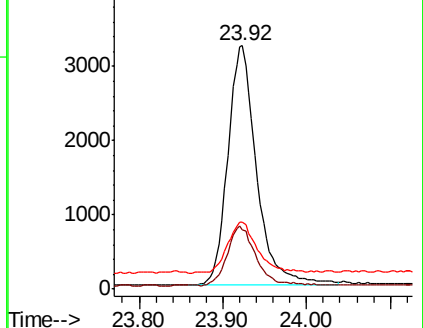
265 27.4 22.3 33.5

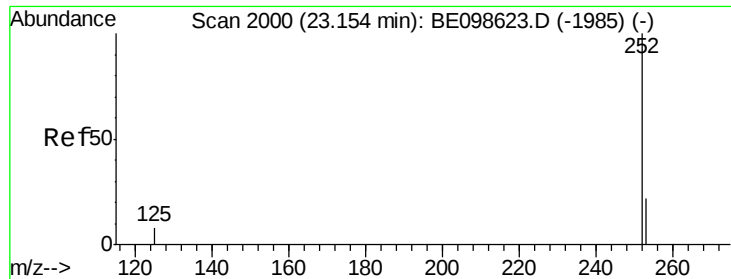


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.374 ng

RT: 23.15 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

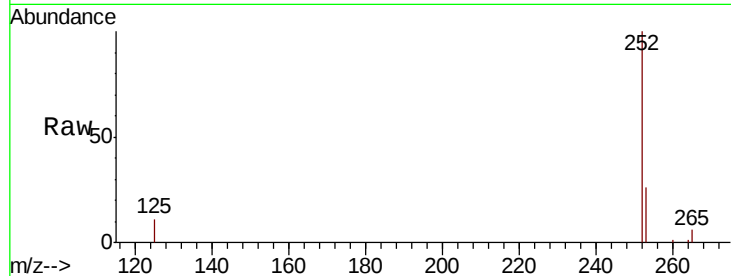
Tot Ion:252 Resp: 7865

Ion Ratio Lower Upper

252 100

253 26.0 19.4 29.0

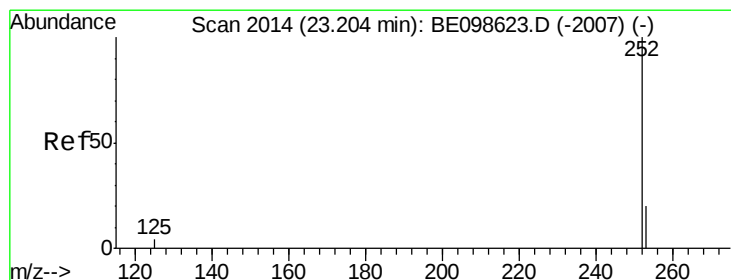
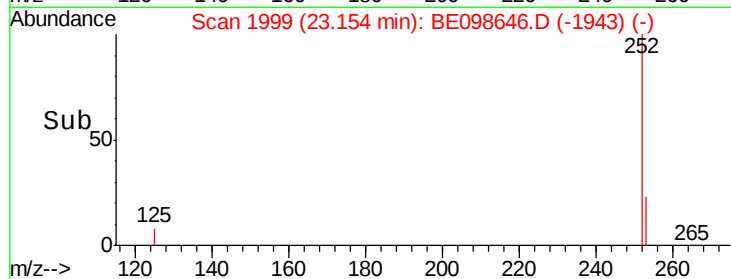
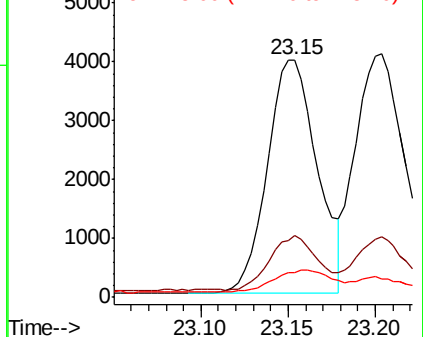
125 10.6 8.2 12.4



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



#36

Benzo(k)fluoranthene

Concen: 0.376 ng

RT: 23.20 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

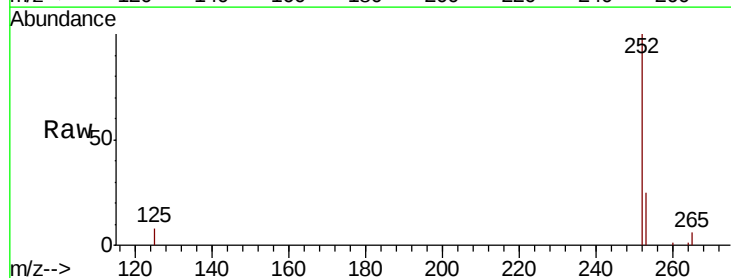
Tgt Ion:252 Resp: 8647

Ion Ratio Lower Upper

252 100

253 24.6 19.0 28.4

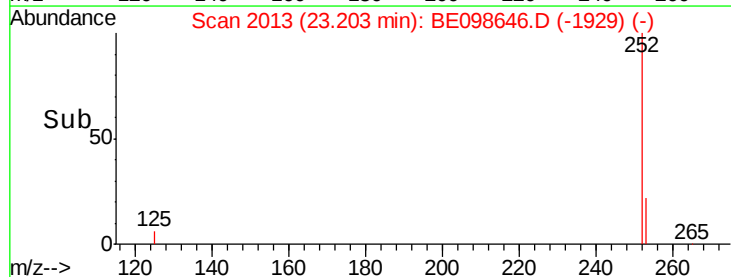
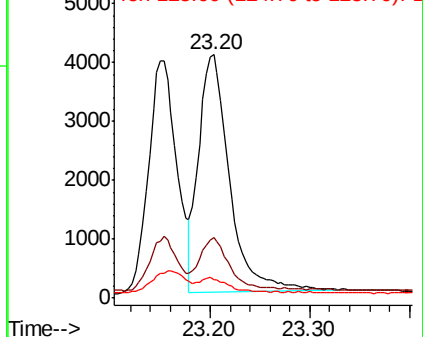
125 7.8 7.0 10.4

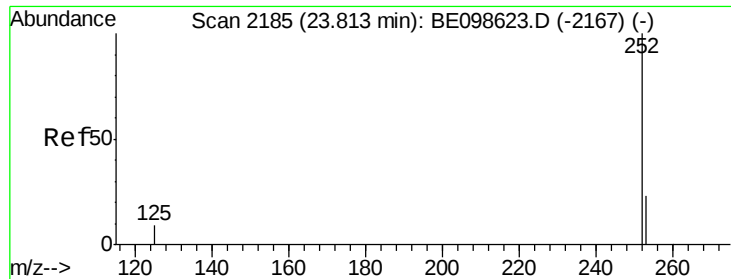


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.374 ng

RT: 23.81 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

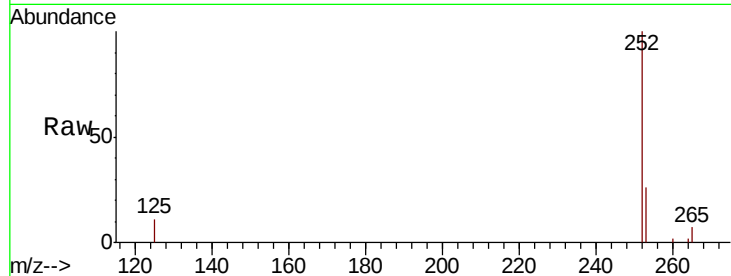
Tot Ion:252 Resp: 7739

Ion Ratio Lower Upper

252 100

253 26.1 21.0 31.4

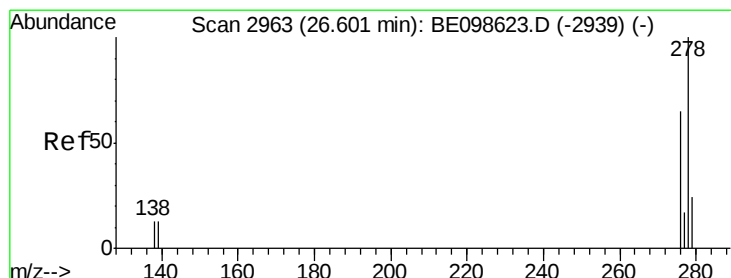
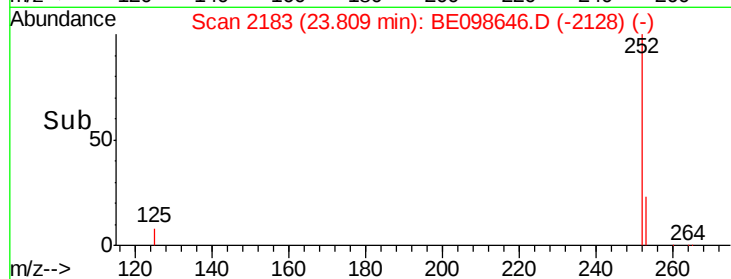
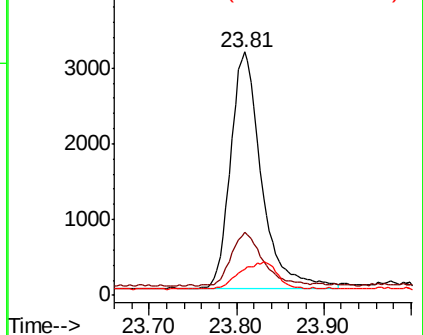
125 10.6 9.2 13.8



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: 0.382 ng

RT: 26.59 min Scan# 2959

Delta R.T. -0.01 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

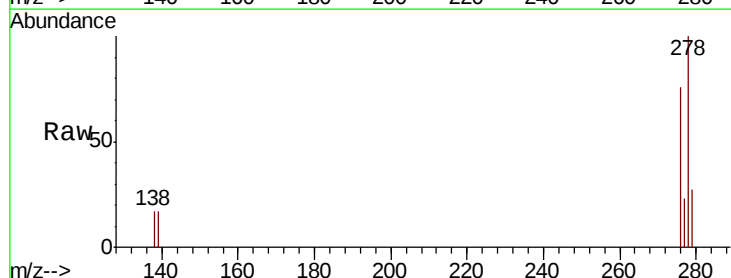
Tgt Ion:278 Resp: 6997

Ion Ratio Lower Upper

278 100

139 17.0 12.7 19.1

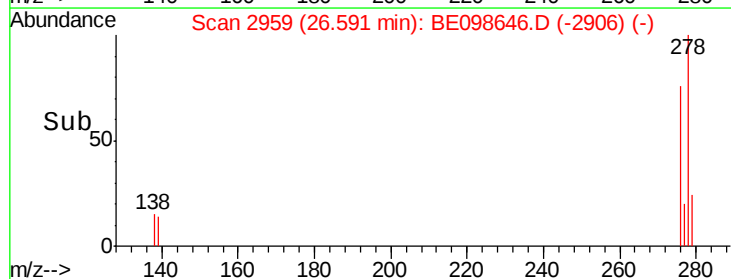
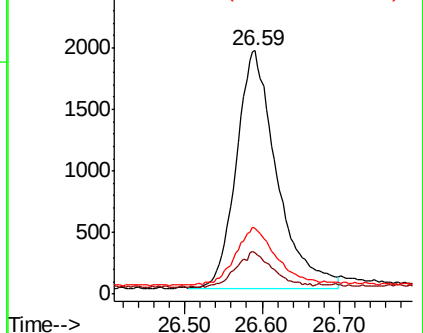
279 27.2 22.0 33.0

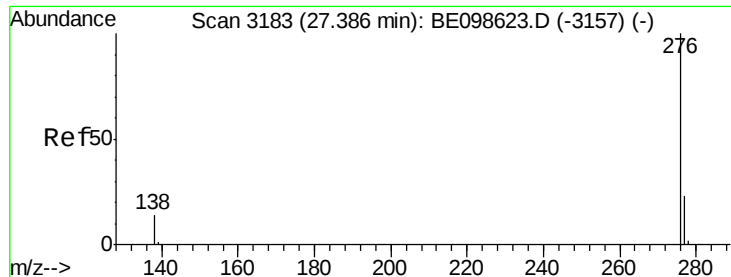


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.377 ng

RT: 27.38 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BE098646.D

Acq: 17 Jan 2019 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

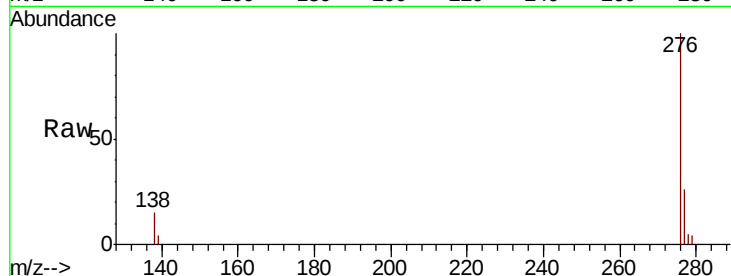
Tot Ion:276 Resp: 7563

Ion Ratio Lower Upper

276 100

277 25.5 20.3 30.5

138 14.7 13.3 19.9



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

