

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
 Data File : BE098661.D
 Acq On : 17 Jan 2019 23:55
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jan 18 01:58:20 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	7.81	152	1023	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4583	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3056	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7547	0.40	ng	-0.01
27) Chrysene-d12	21.41	240	8529	0.40	ng	0.00
34) Perylene-d12	23.92	264	8222	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	1064	0.39	ng	0.00
5) Phenol-d6	6.99	99	1564	0.40	ng	0.00
8) Nitrobenzene-d5	8.96	82	1680	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2827	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	557	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4778	0.38	ng	0.00
25) Fluoranthene-d10	19.26	212	32464	0.35	ng	0.00
29) Terphenyl-d14	19.86	244	7188	0.38	ng	0.00

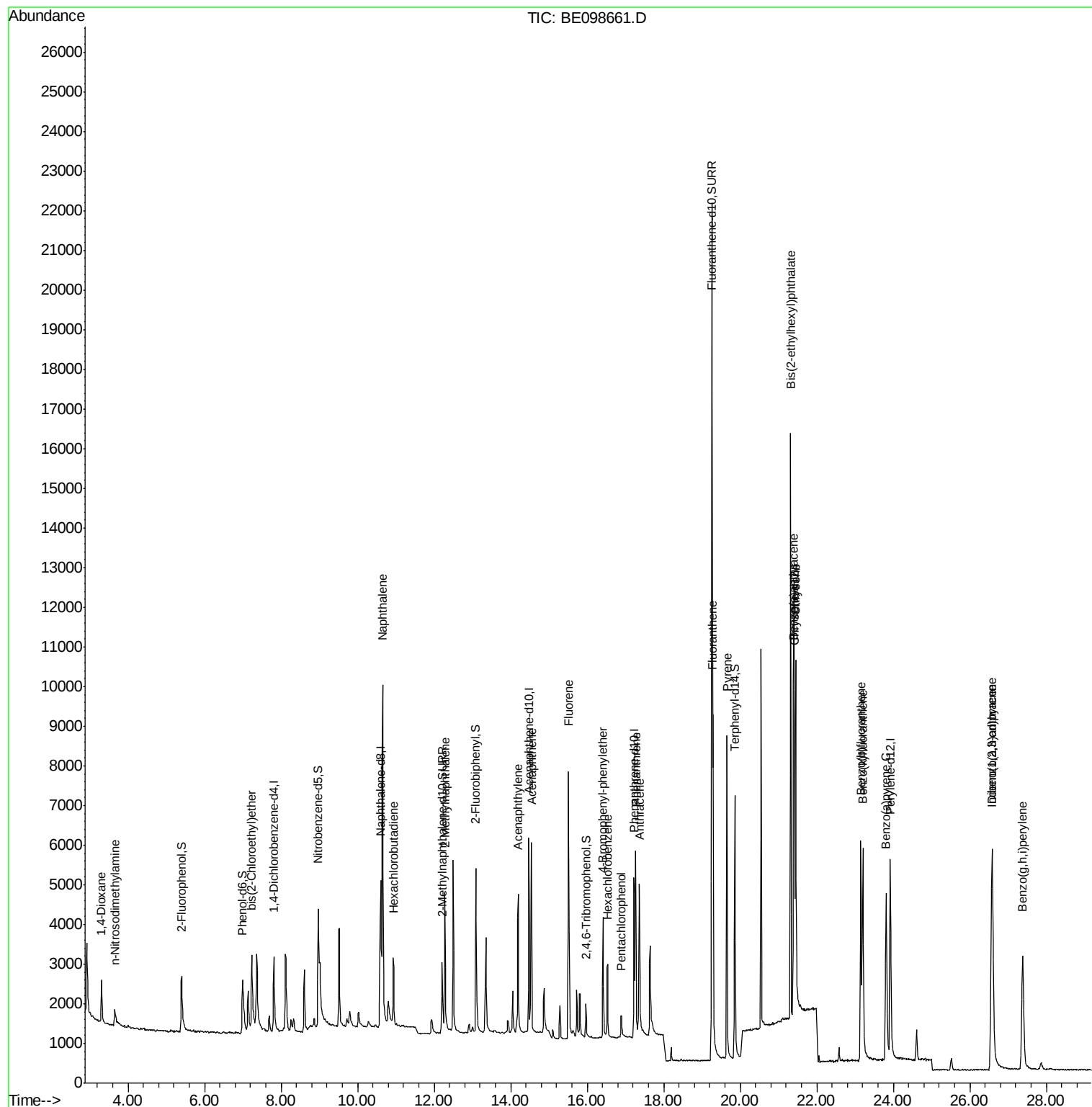
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	634	0.325	ng	95
3) n-Nitrosodimethylamine	3.65	42	570	0.390	ng	# 99
6) bis(2-Chloroethyl)ether	7.23	93	1078	0.367	ng	85
9) Naphthalene	10.65	128	16526	0.362	ng	100
10) Hexachlorobutadiene	10.93	225	1271	0.389	ng	97
12) 2-Methylnaphthalene	12.28	142	2739	0.362	ng	97
16) Acenaphthylene	14.20	152	4789	0.362	ng	99
17) Acenaphthene	14.54	154	2972	0.358	ng	99
18) Fluorene	15.52	166	3984	0.369	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1462	0.366	ng	92
21) Hexachlorobenzene	16.53	284	1743	0.361	ng	97
22) Pentachlorophenol	16.89	266	485	0.447	ng	97
23) Phenanthrene	17.27	178	6280	0.351	ng	100
24) Anthracene	17.36	178	5258	0.343	ng	98
26) Fluoranthene	19.29	202	7963	0.346	ng	99
28) Pyrene	19.65	202	8267	0.352	ng	100
30) Benzo(a)anthracene	21.39	228	8111	0.354	ng	98
31) Chrysene	21.45	228	8421	0.354	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	16210	0.333	ng	99
33) Indeno(1,2,3-cd)pyrene	26.57	276	9117	0.372	ng	99
35) Benzo(b)fluoranthene	23.15	252	8113	0.362	ng	98
36) Benzo(k)fluoranthene	23.20	252	8900	0.363	ng	99
37) Benzo(a)pyrene	23.81	252	8156	0.370	ng	99
38) Dibenzo(a,h)anthracene	26.59	278	7593	0.389	ng	97
39) Benzo(g,h,i)perylene	27.38	276	7848	0.367	ng	99

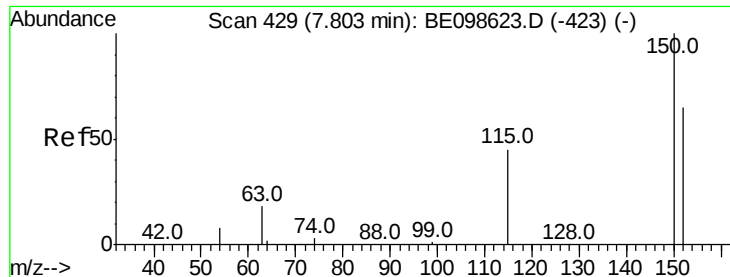
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

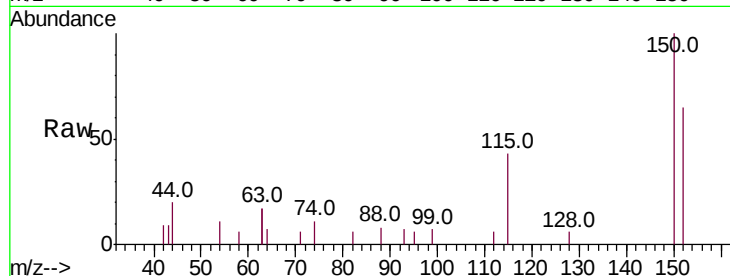
Tot Ion:152 Resp: 1023

Ion Ratio Lower Upper

152 100

150 153.3 121.4 182.2

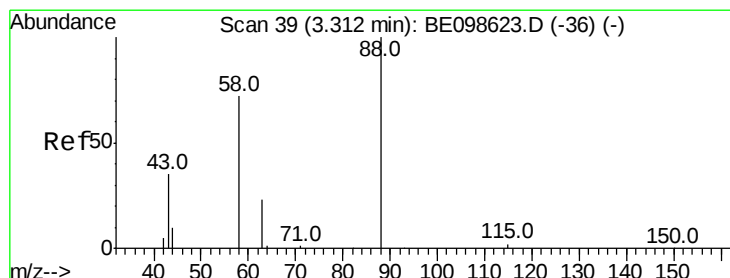
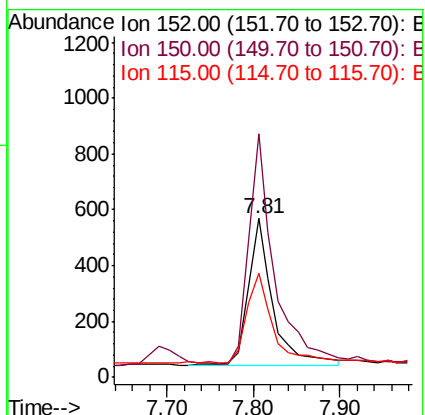
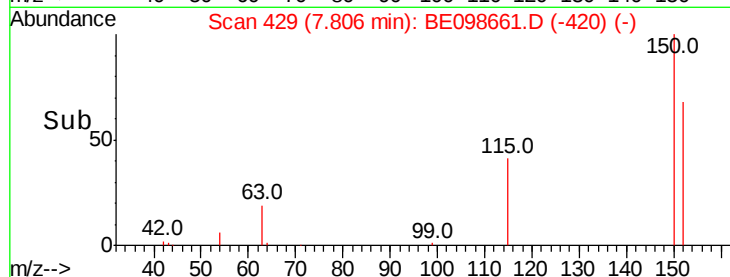
115 65.6 59.1 88.7



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: 0.325 ng

RT: 3.30 min Scan# 38

Delta R.T. -0.01 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

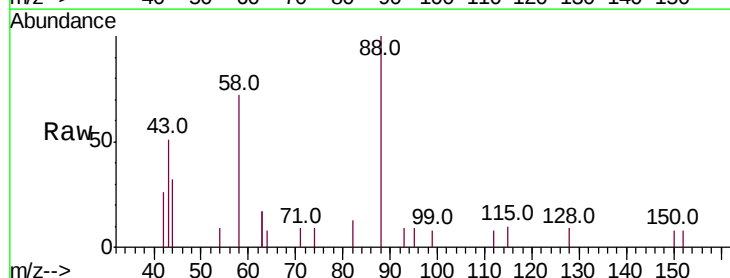
Tgt Ion: 88 Resp: 634

Ion Ratio Lower Upper

88 100

58 98.4 73.9 110.9

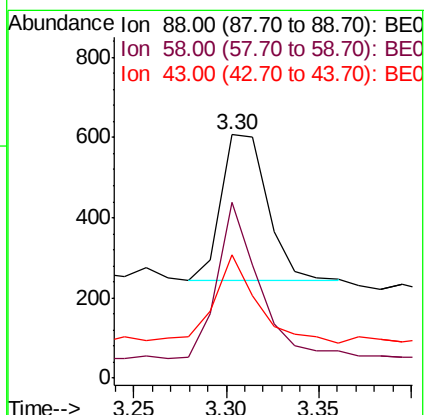
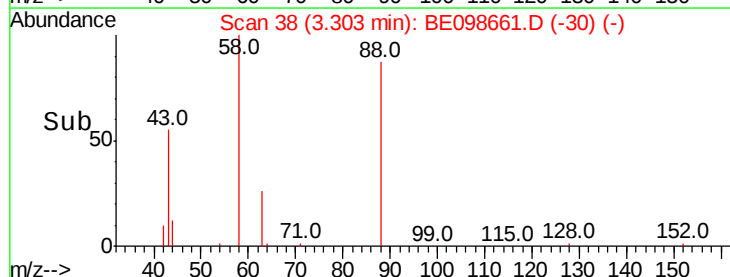
43 57.3 43.7 65.5

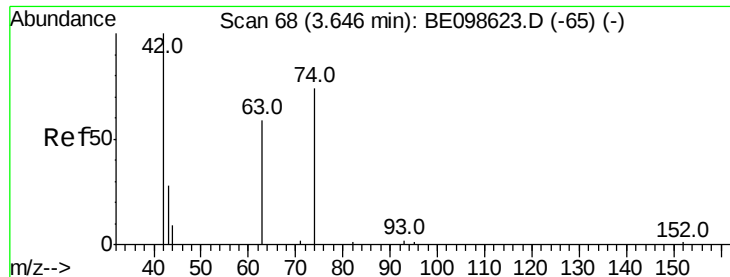


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



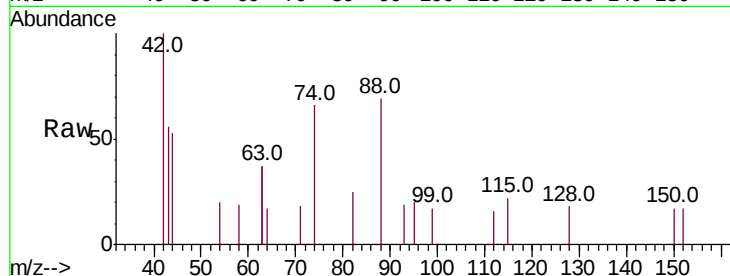


#3

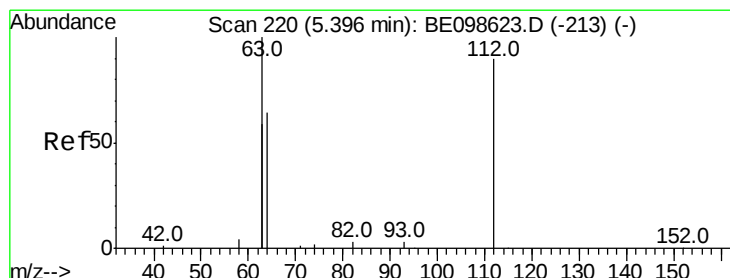
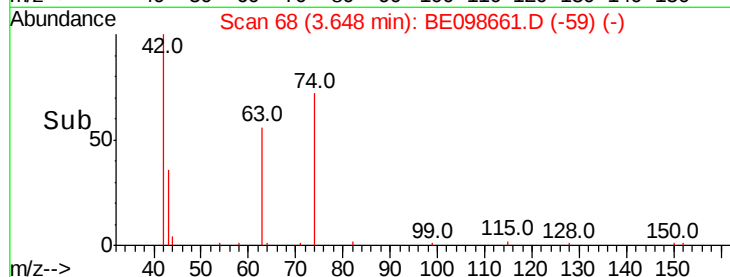
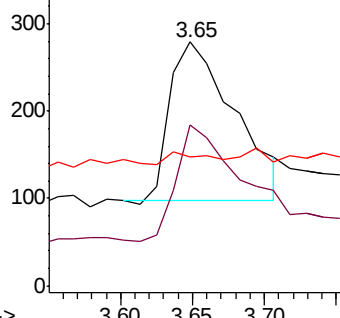
n-Nitrosodimethylamine
 Concen: 0.390 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: BE098661.D
 Acq: 17 Jan 2019 23:55

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion: 42 Resp: 570
 Ion Ratio Lower Upper
 42 100
 74 72.8 58.9 88.3
 44 4.7 0.0 0.0#



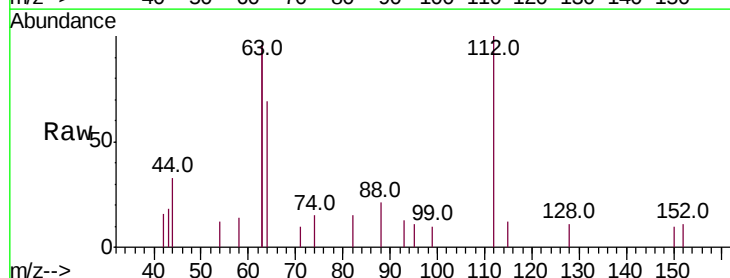
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



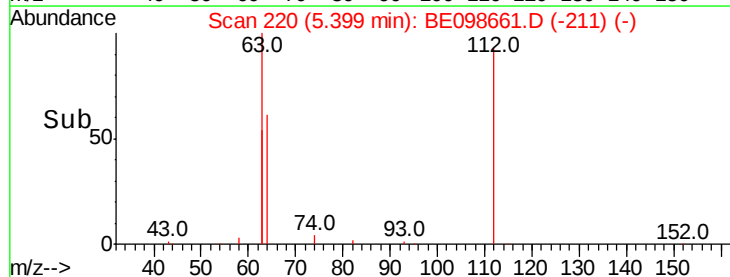
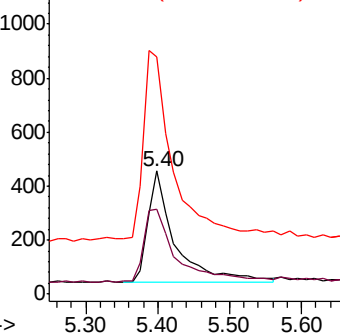
#4

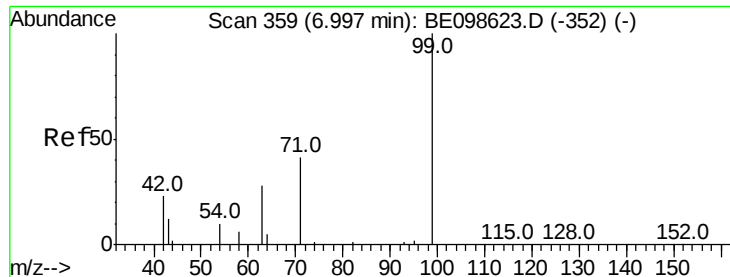
2-Fluorophenol
 Concen: 0.390 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: BE098661.D
 Acq: 17 Jan 2019 23:55

Tgt Ion: 112 Resp: 1064
 Ion Ratio Lower Upper
 112 100
 64 77.2 62.9 94.3
 63 191.8 152.2 228.4



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: 0.403 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.01 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

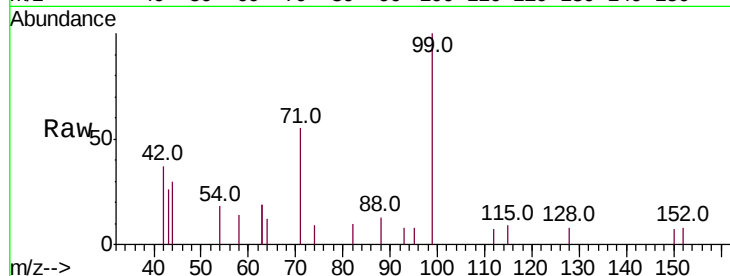
Tot Ion: 99 Resp: 1564

Ion Ratio Lower Upper

99 100

42 33.2 24.6 37.0

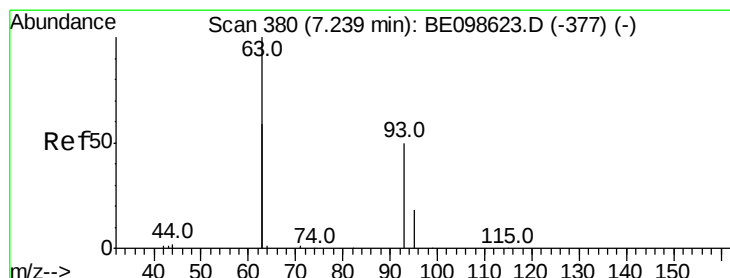
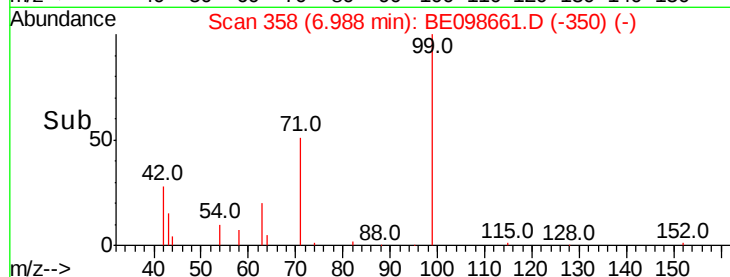
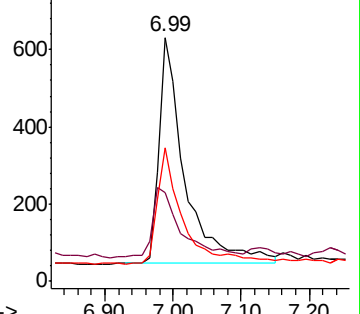
71 53.7 35.1 52.7#



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: 0.367 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

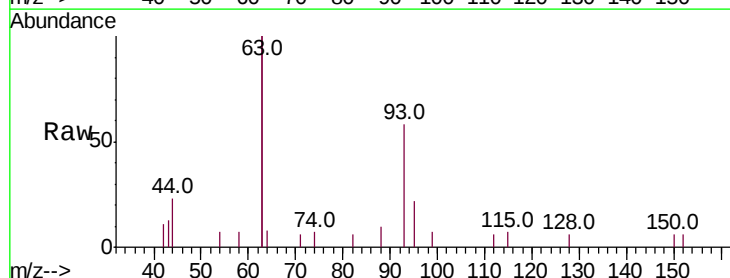
Tgt Ion: 93 Resp: 1078

Ion Ratio Lower Upper

93 100

63 301.3 267.3 400.9

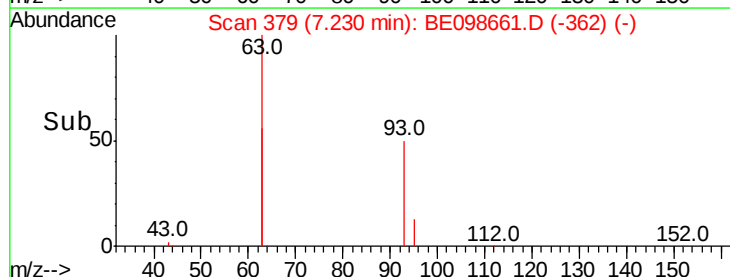
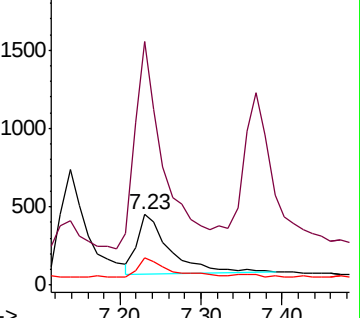
95 27.8 26.2 39.4

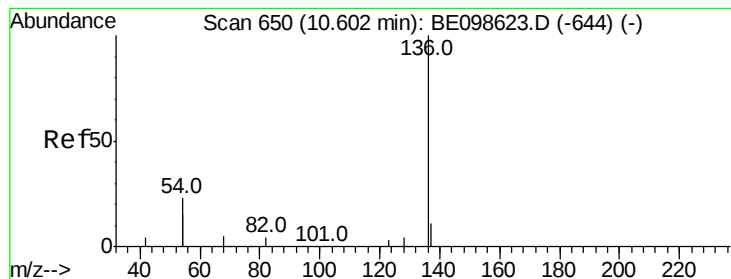


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098661.D

Acq: 17 Jan 2019 23:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 4583

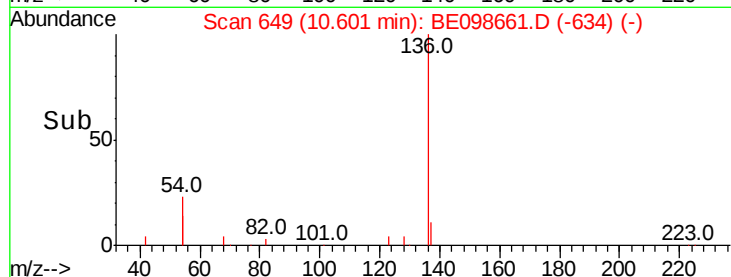
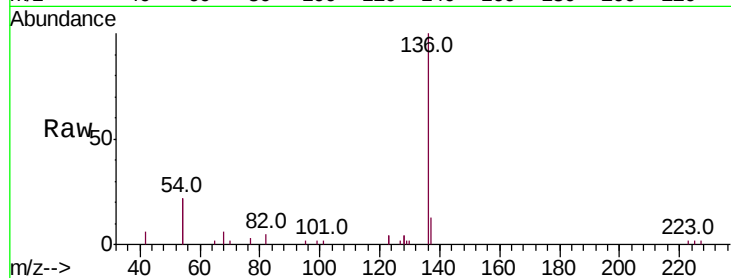
Ion Ratio Lower Upper

136 100

137 13.1 9.7 14.5

54 44.2 35.5 53.3

68 5.7 5.0 7.6

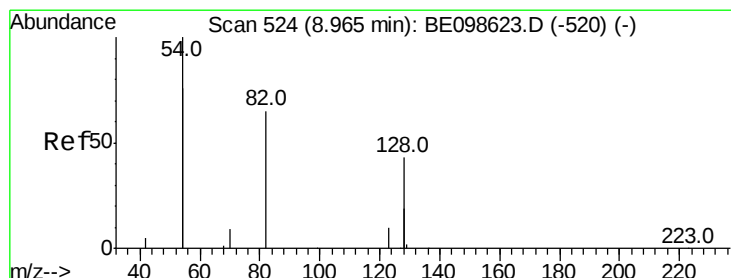
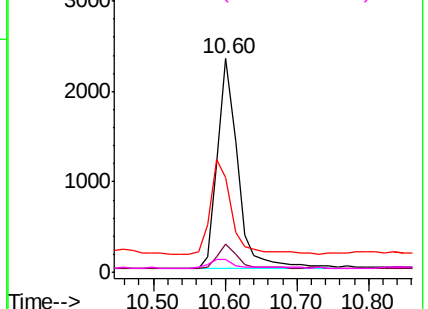


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.462 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

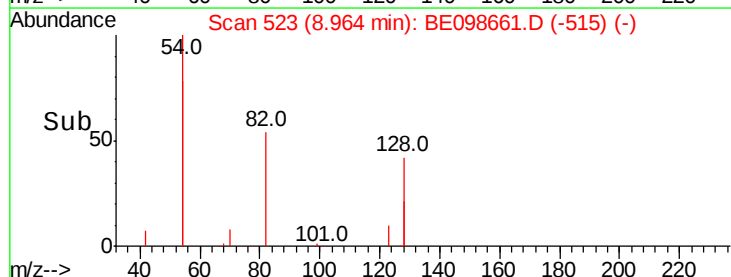
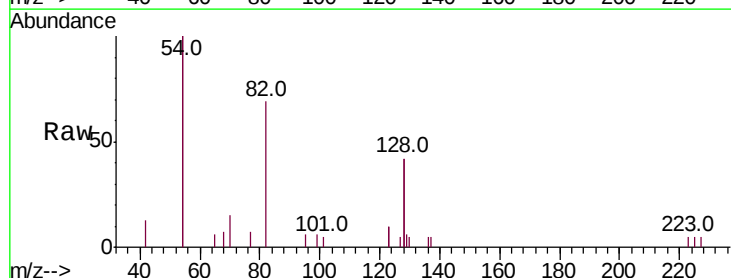
Tgt Ion: 82 Resp: 1680

Ion Ratio Lower Upper

82 100

128 120.6 96.5 144.7

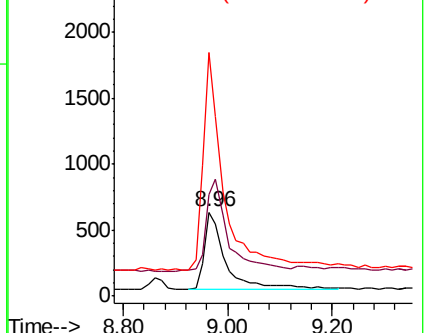
54 289.8 224.7 337.1

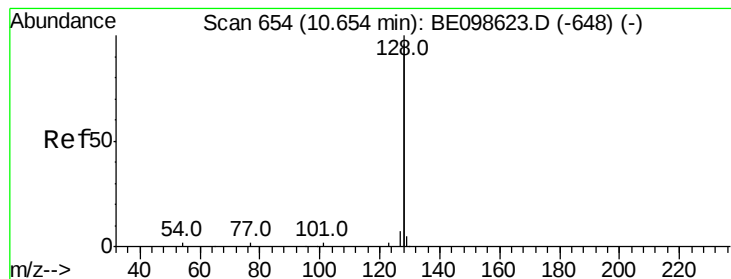


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.362 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

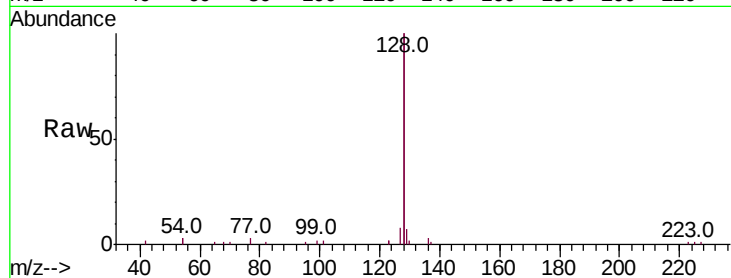
Tot Ion:128 Resp: 16526

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

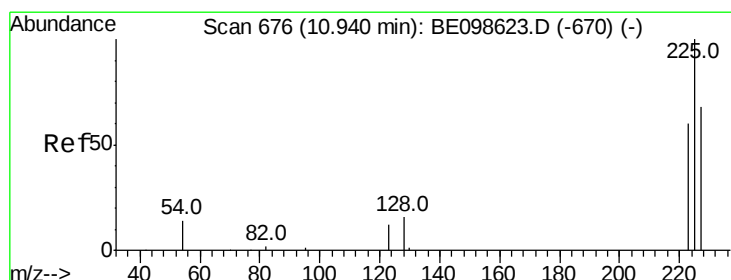
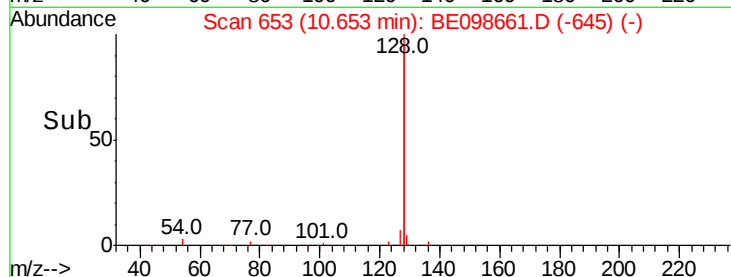
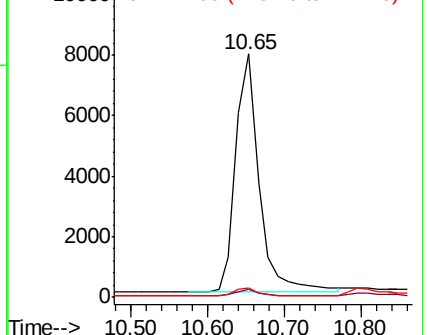
127 3.9 3.0 4.6



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: 0.389 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.01 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

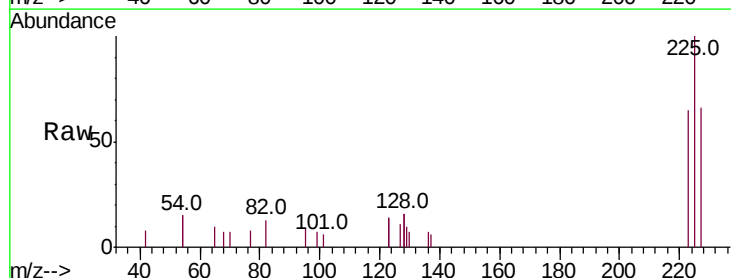
Tgt Ion:225 Resp: 1271

Ion Ratio Lower Upper

225 100

223 61.6 47.8 71.8

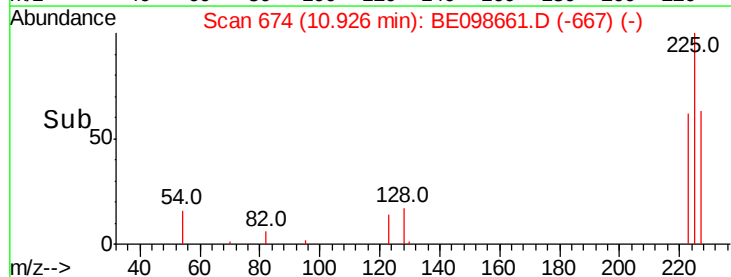
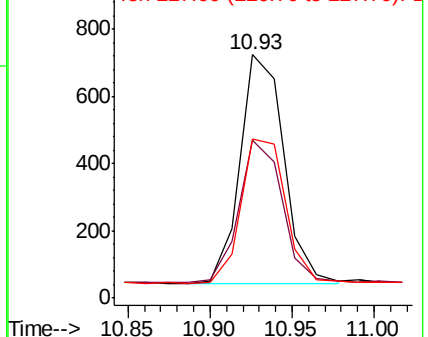
227 65.3 50.5 75.7

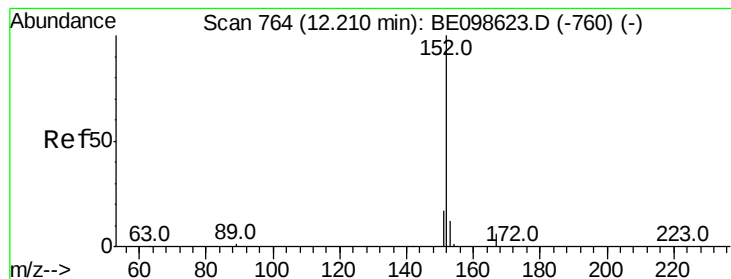


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.375 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

Instrument :

BNA_E

ClientSampleId :

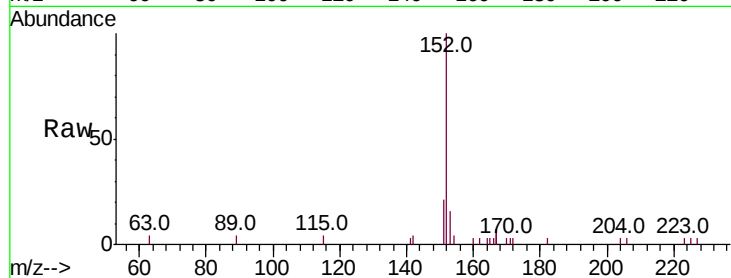
SSTDCCC0.4EC

Tot Ion:152 Resp: 2827

Ion Ratio Lower Upper

152 100

151 19.1 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

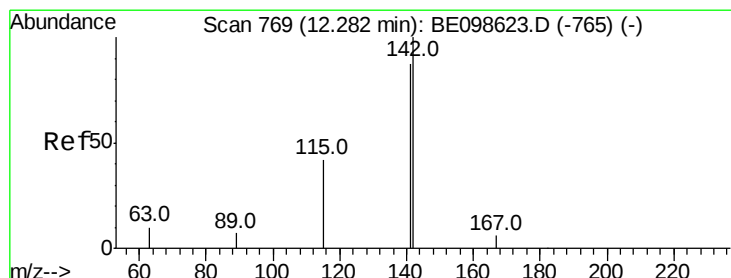
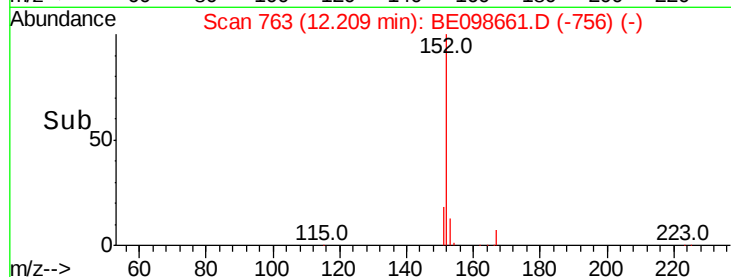
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.362 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

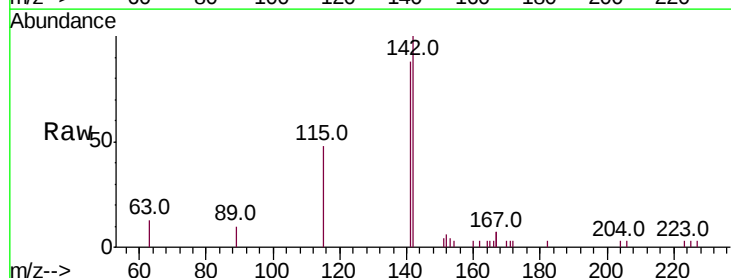
Tgt Ion:142 Resp: 2739

Ion Ratio Lower Upper

142 100

141 88.4 70.0 105.0

115 48.5 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

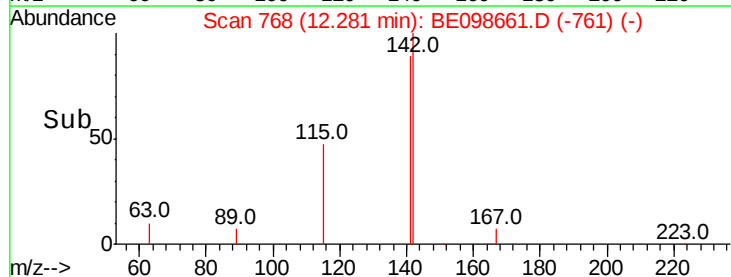
1500

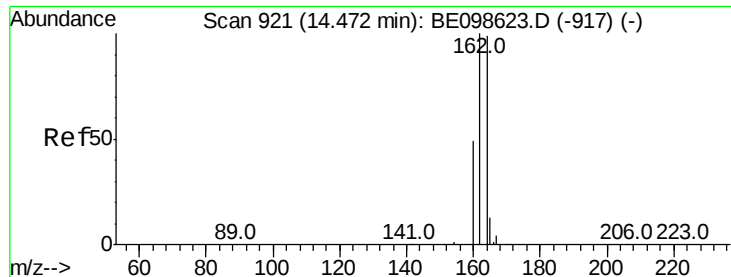
1000

500

0

Time-->

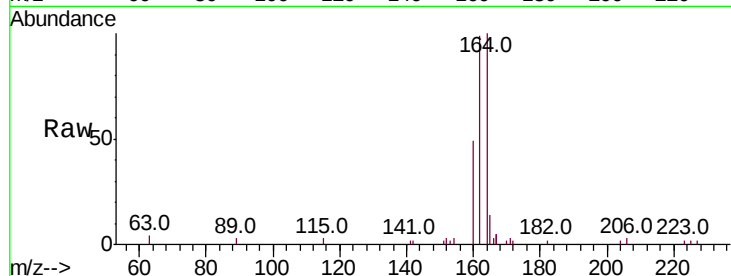




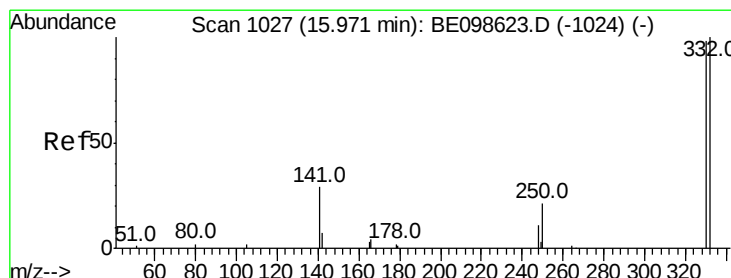
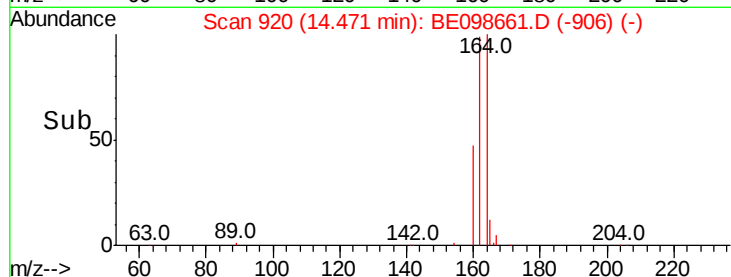
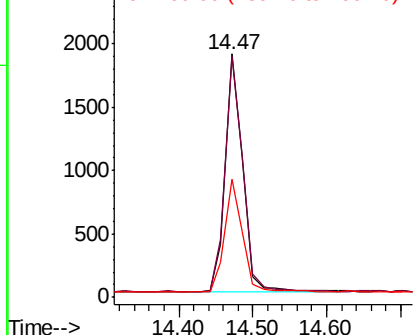
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 3056
Ion Ratio Lower Upper
164 100
162 99.2 80.5 120.7
160 48.6 40.1 60.1

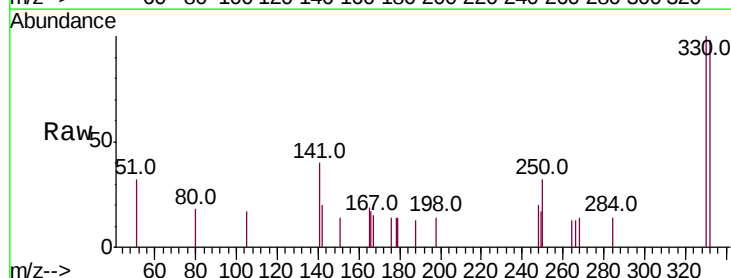


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

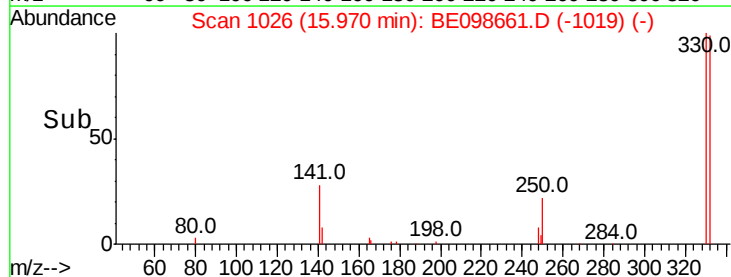
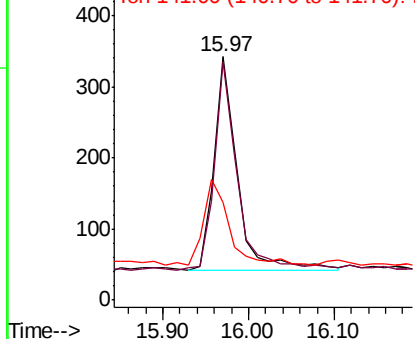


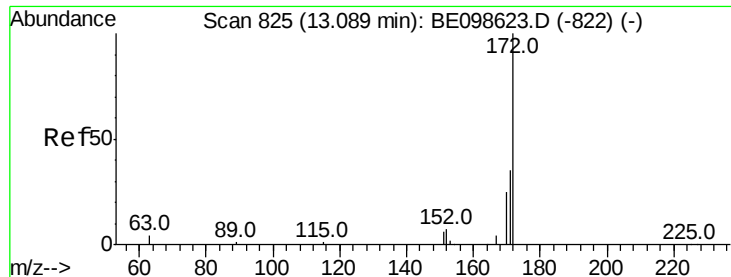
#14
2,4,6-Tribromophenol
Concen: 0.419 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:330 Resp: 557
Ion Ratio Lower Upper
330 100
332 96.2 73.3 109.9
141 45.8 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

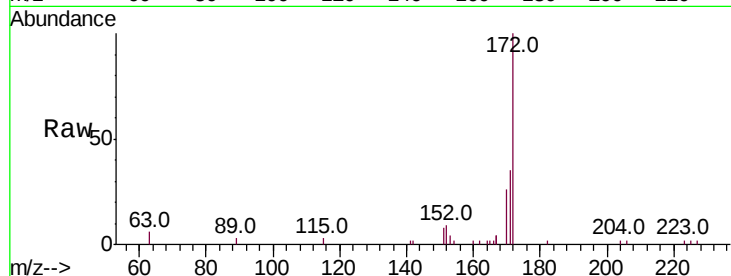




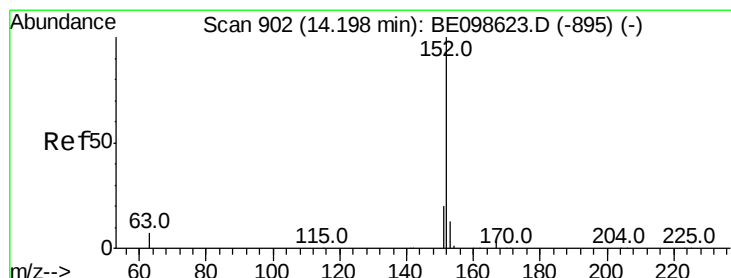
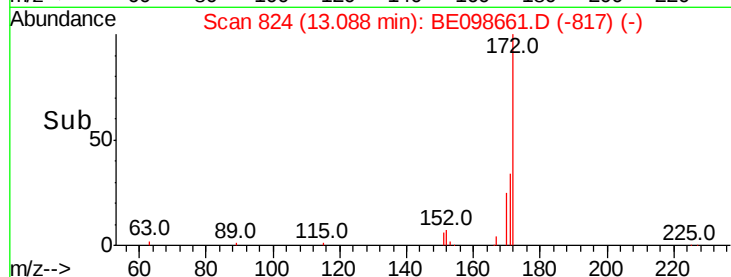
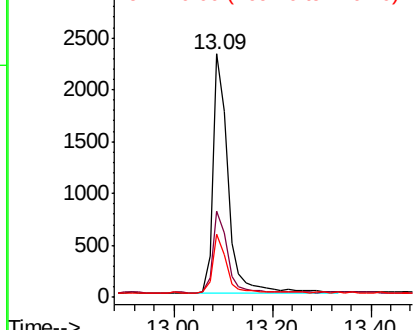
#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 4778
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 26.0 20.8 31.2

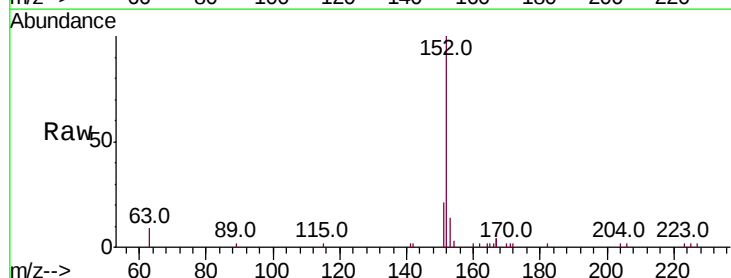


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

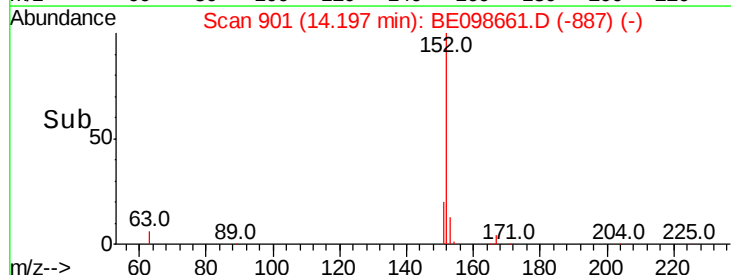
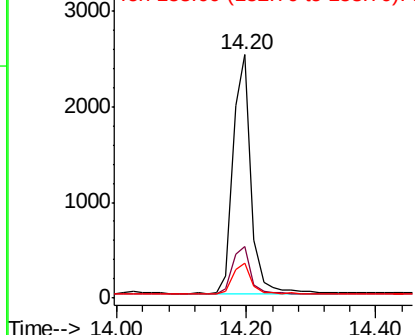


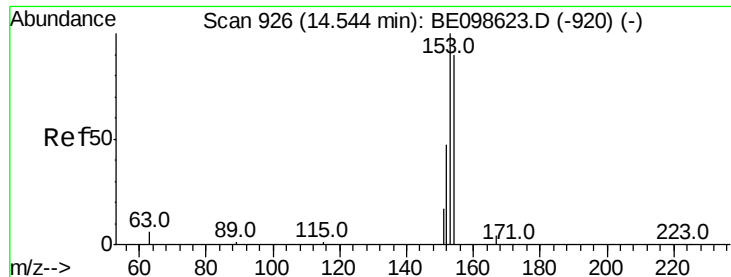
#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:152 Resp: 4789
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.1 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

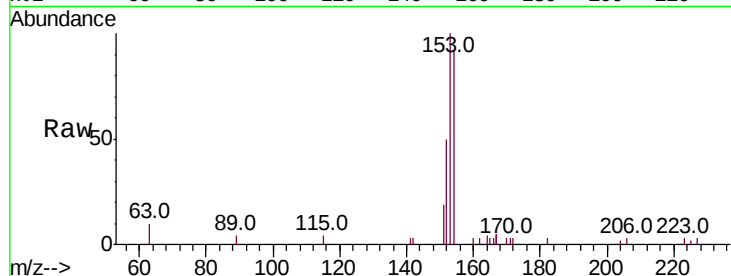




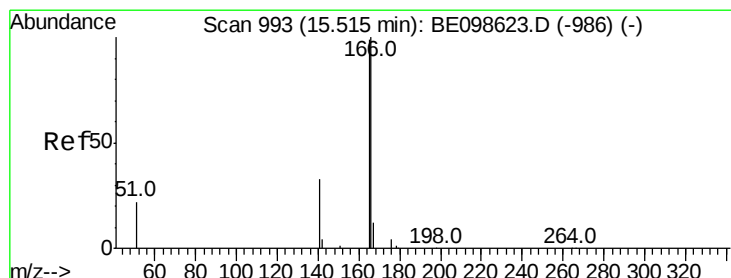
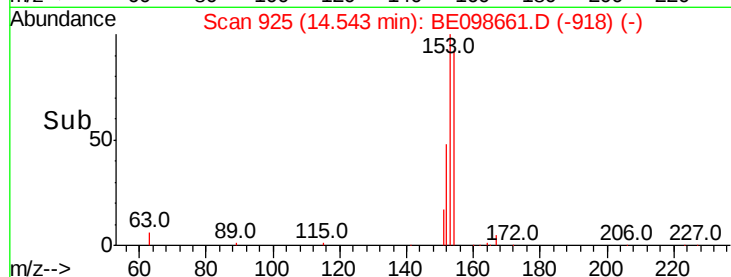
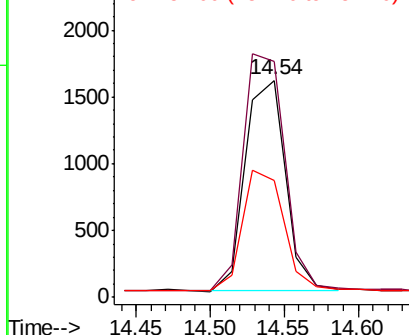
#17
Acenaphthene
Concen: 0.358 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 2972
Ion Ratio Lower Upper
154 100
153 117.8 93.9 140.9
152 58.4 45.8 68.8

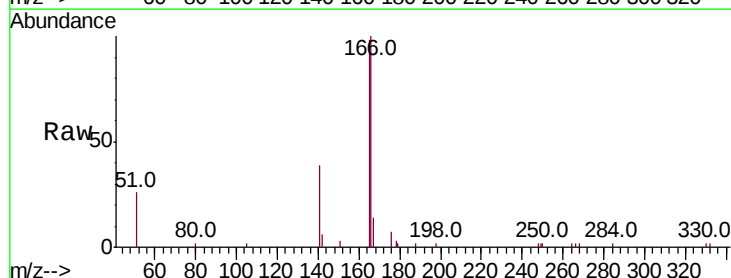


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

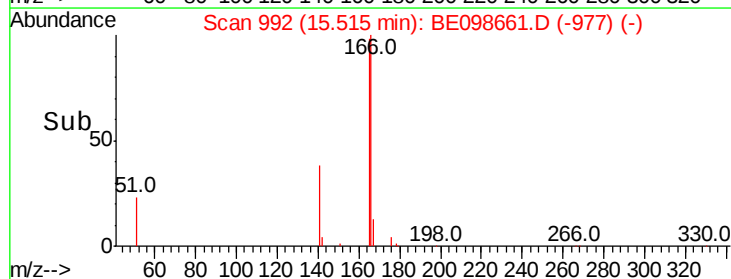
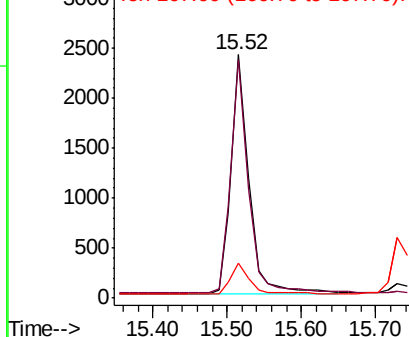


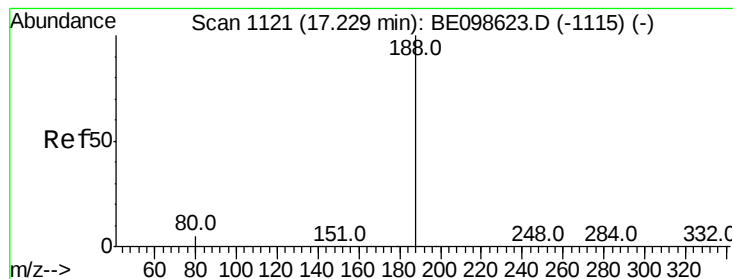
#18
Fluorene
Concen: 0.369 ng
RT: 15.52 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:166 Resp: 3984
Ion Ratio Lower Upper
166 100
165 97.6 79.3 118.9
167 13.5 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: 17.22 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

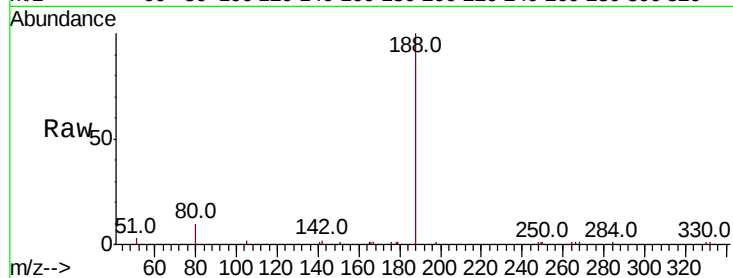
Tot Ion:188 Resp: 7547

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

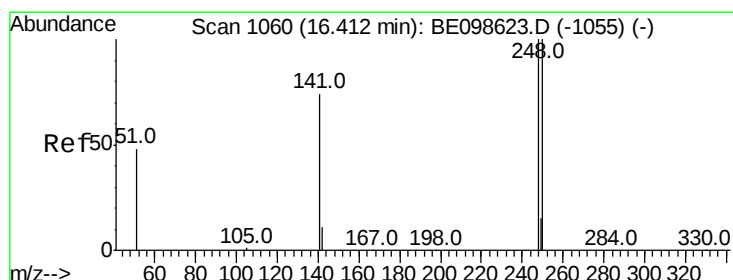
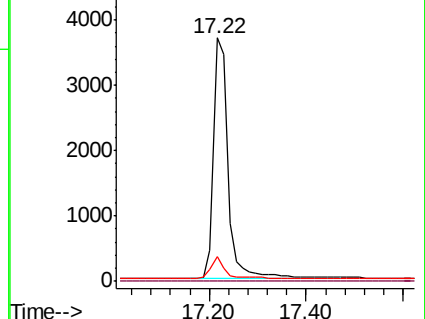
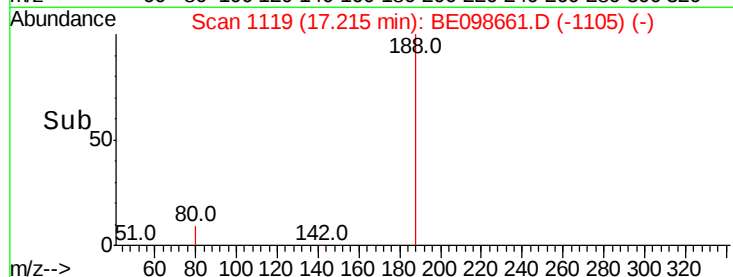
80 10.3 4.7 7.1#



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: 0.366 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

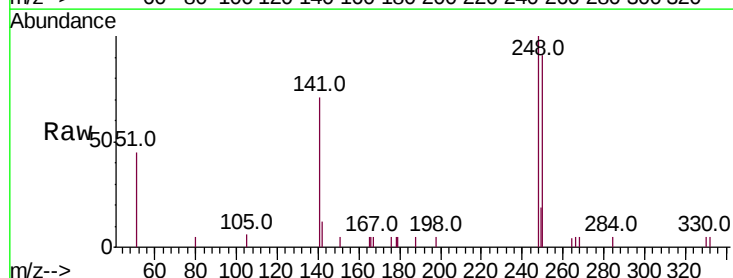
Tgt Ion:248 Resp: 1462

Ion Ratio Lower Upper

248 100

250 90.9 80.2 120.4

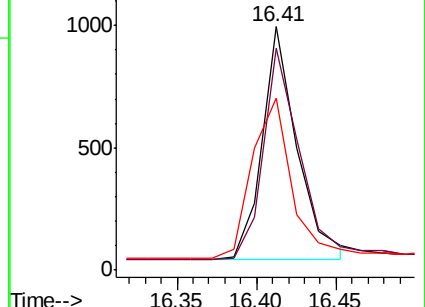
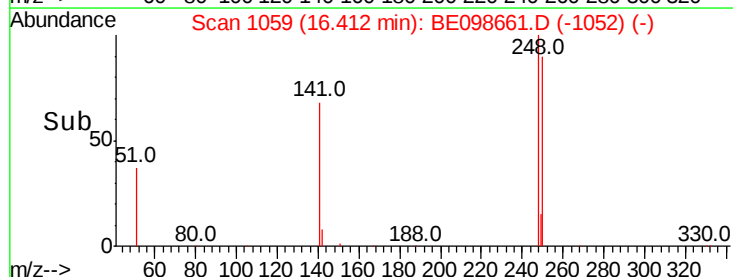
141 70.6 60.5 90.7

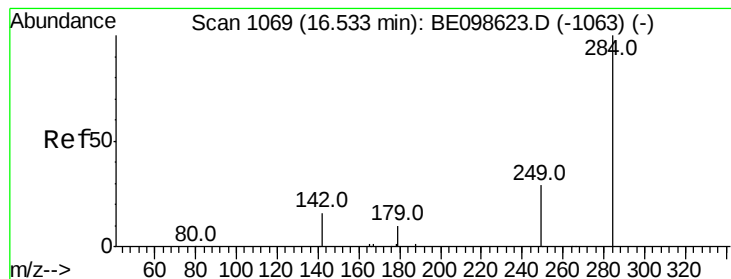


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.361 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

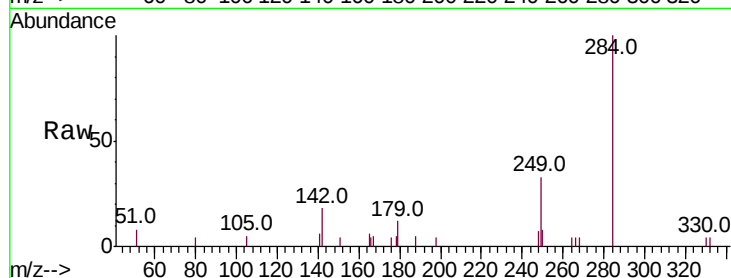
Tot Ion:284 Resp: 1743

Ion Ratio Lower Upper

284 100

142 32.6 25.5 38.3

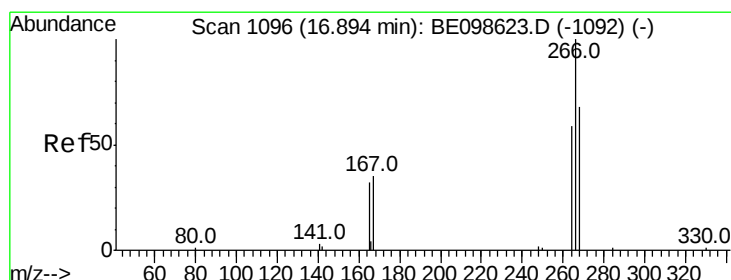
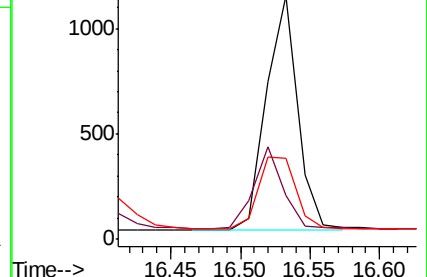
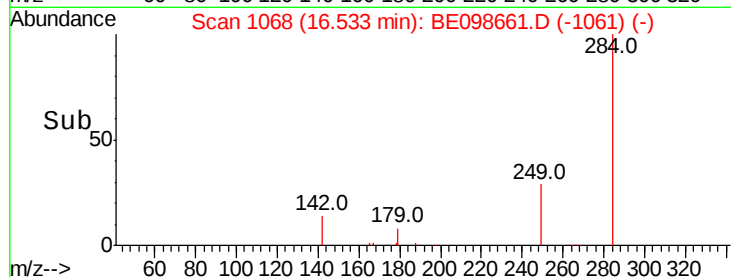
249 35.9 26.6 39.8



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: 0.447 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

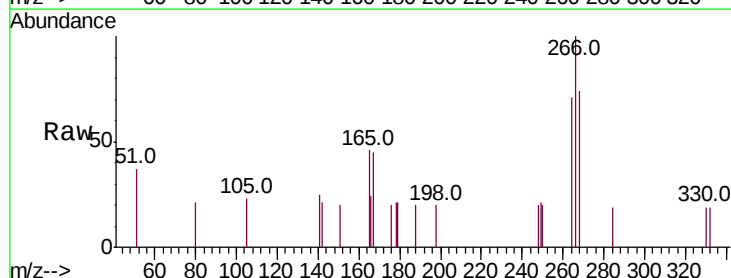
Tgt Ion:266 Resp: 485

Ion Ratio Lower Upper

266 100

264 71.1 53.7 80.5

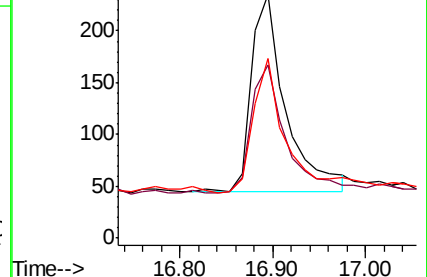
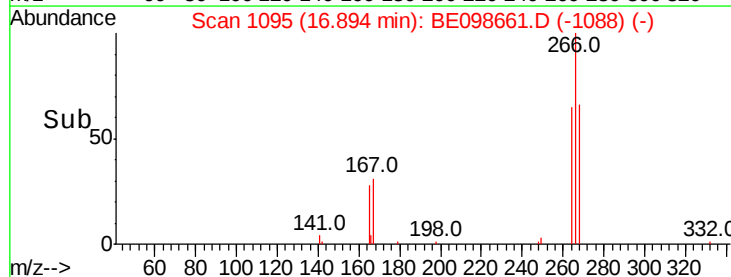
268 73.6 59.8 89.8

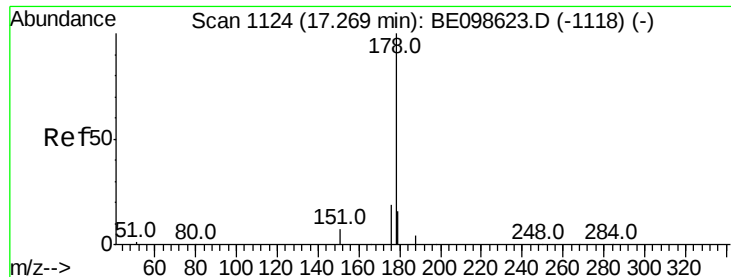


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.351 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

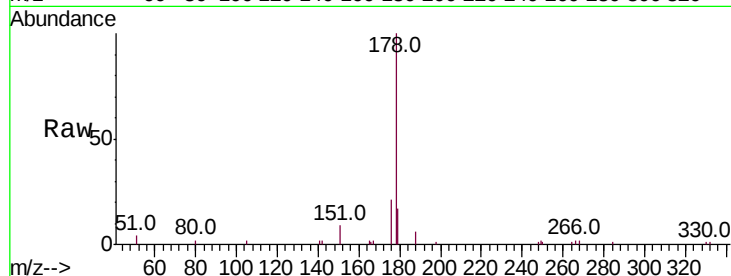
Tot Ion:178 Resp: 6280

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

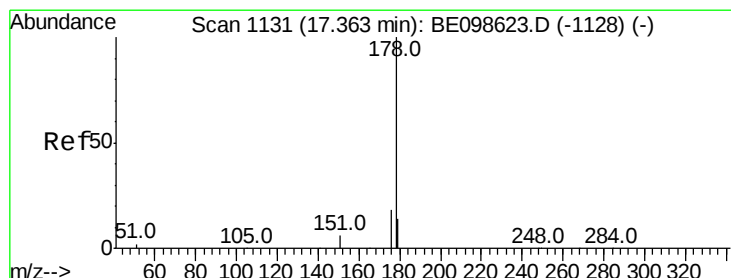
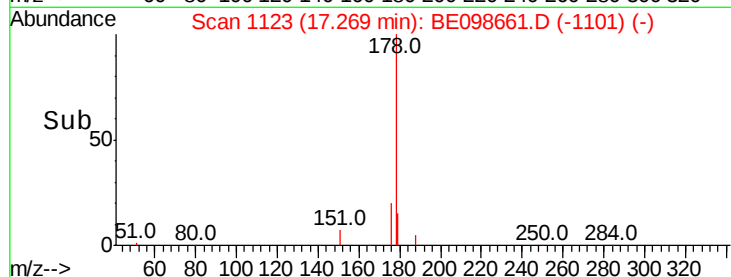
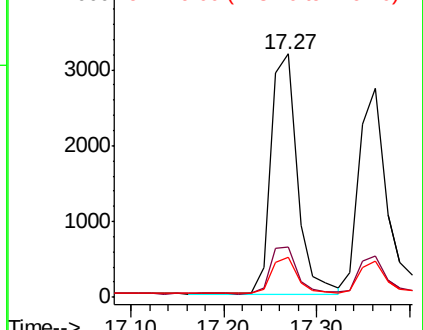
179 15.3 12.2 18.4



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



#24

Anthracene

Concen: 0.343 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

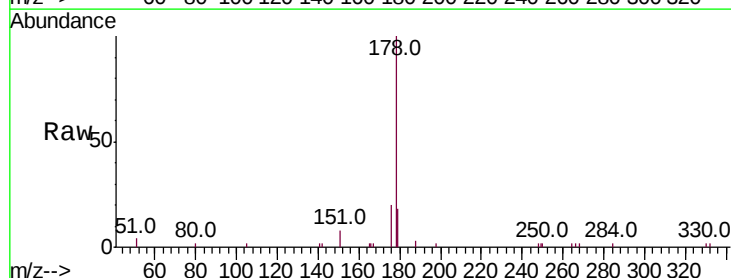
Tgt Ion:178 Resp: 5258

Ion Ratio Lower Upper

178 100

176 18.0 14.9 22.3

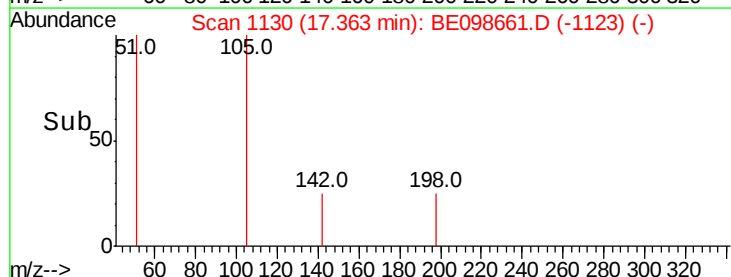
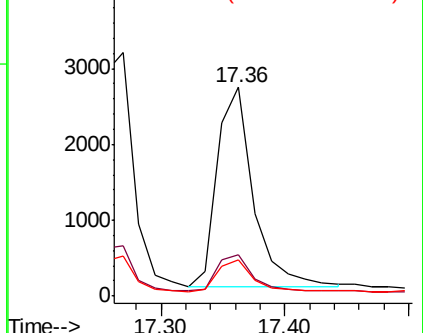
179 15.6 11.8 17.8

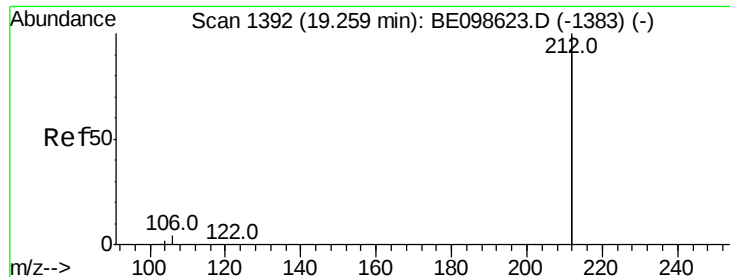


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.347 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

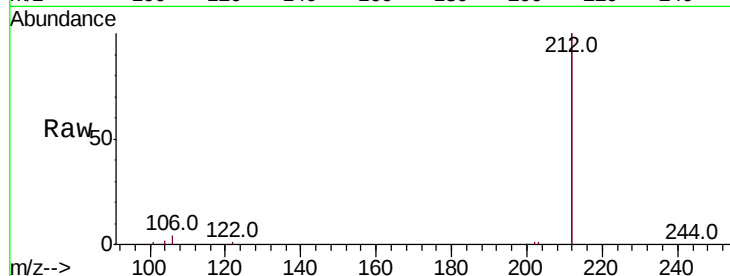
Tot Ion:212 Resp: 32464

Ion Ratio Lower Upper

212 100

106 1.9 1.7 2.5

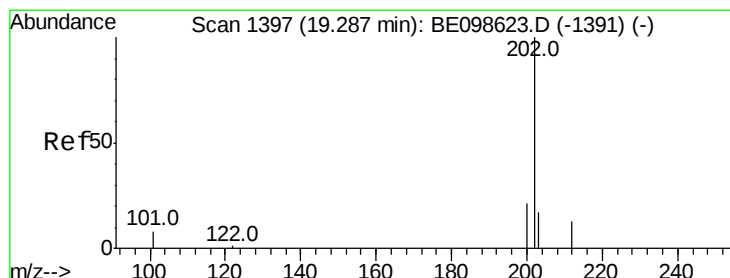
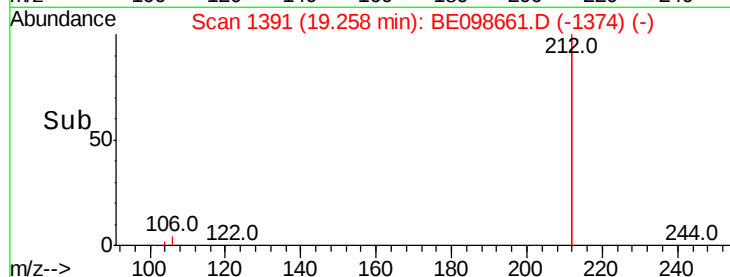
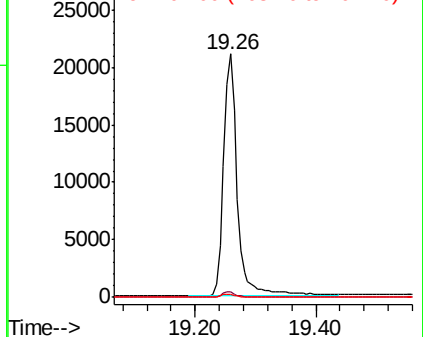
104 1.1 1.0 1.6



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: 0.346 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

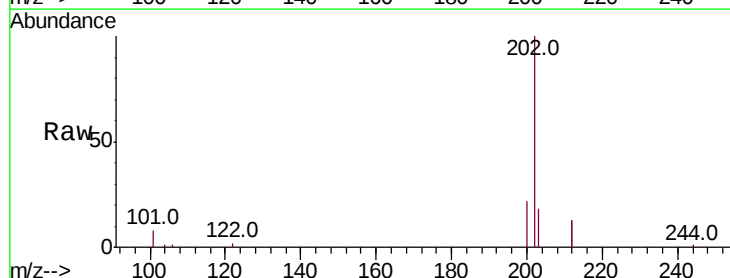
Tgt Ion:202 Resp: 7963

Ion Ratio Lower Upper

202 100

101 7.1 6.7 10.1

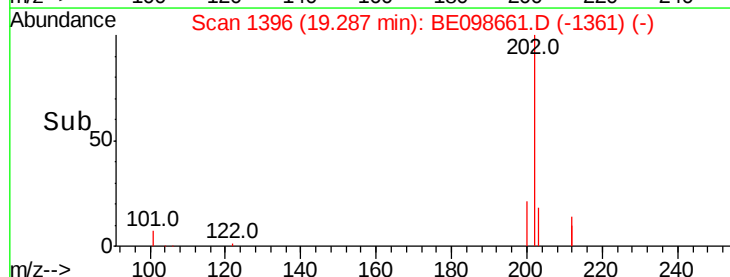
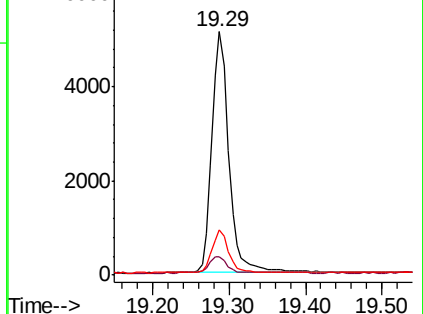
203 16.6 13.3 19.9

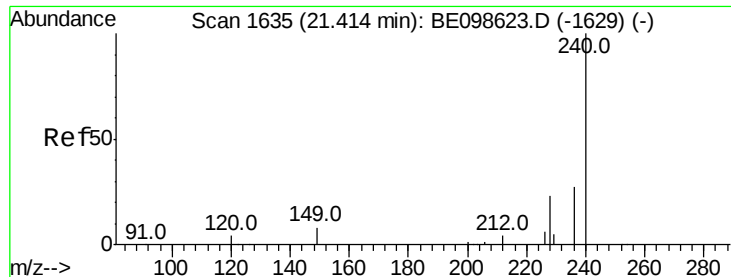


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

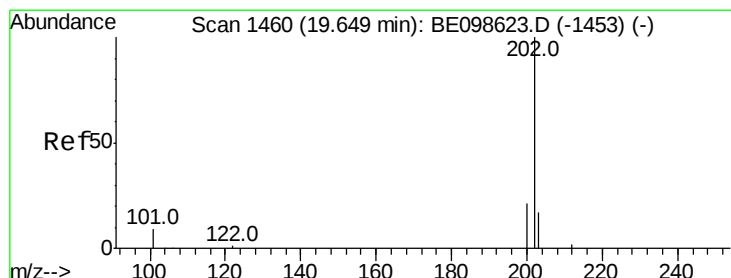
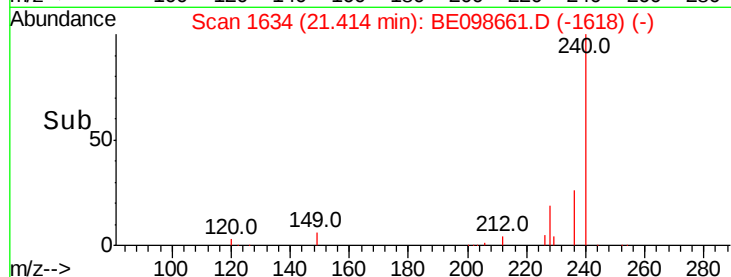
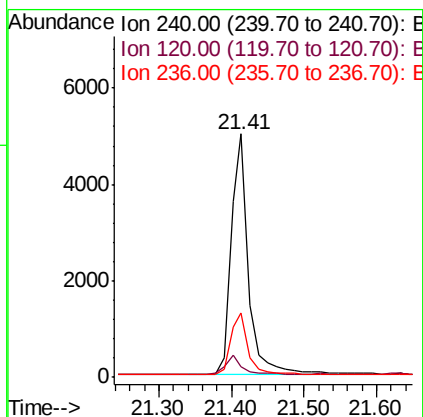
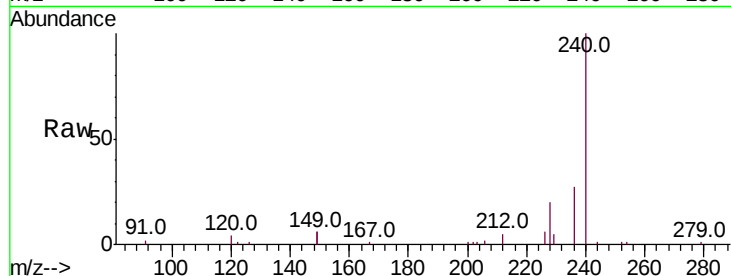




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BE098661.D
 Acq: 17 Jan 2019 23:55

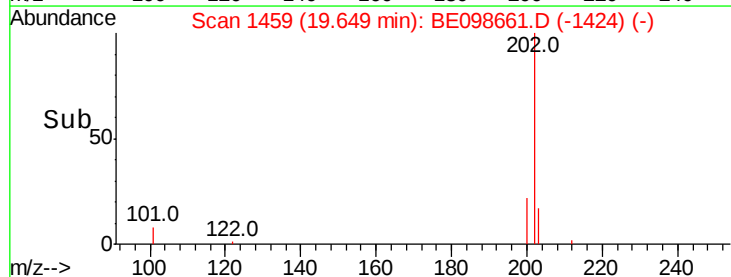
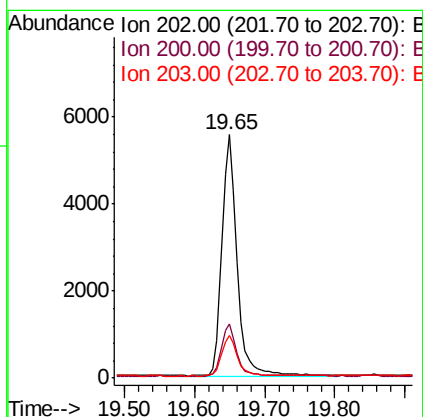
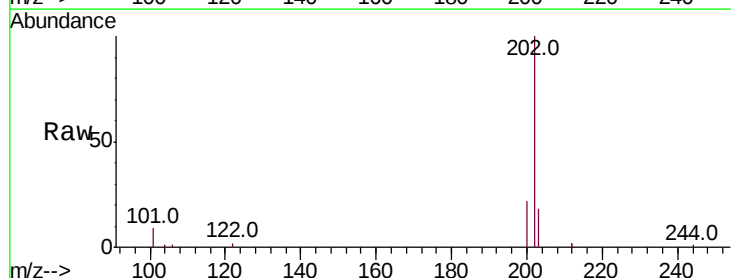
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

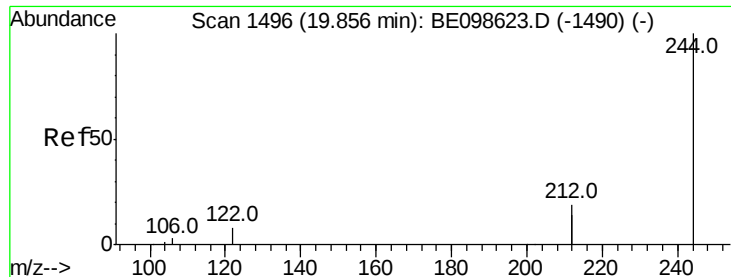
Tot Ion:240 Resp: 8529
 Ion Ratio Lower Upper
 240 100
 120 4.4 4.7 7.1#
 236 26.7 21.9 32.9



#28
 Pyrene
 Concen: 0.352 ng
 RT: 19.65 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BE098661.D
 Acq: 17 Jan 2019 23:55

Tgt Ion:202 Resp: 8267
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.0 25.6
 203 17.2 13.8 20.8





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

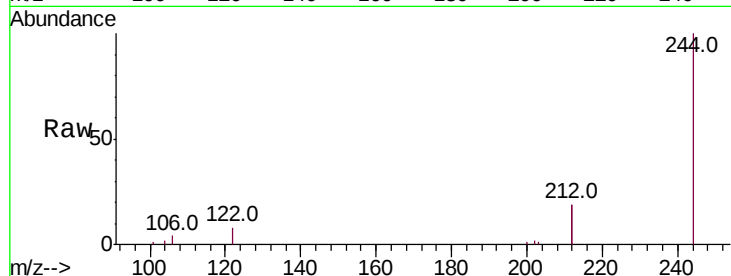
Tot Ion:244 Resp: 7188

Ion Ratio Lower Upper

244 100

212 37.6 29.4 44.2

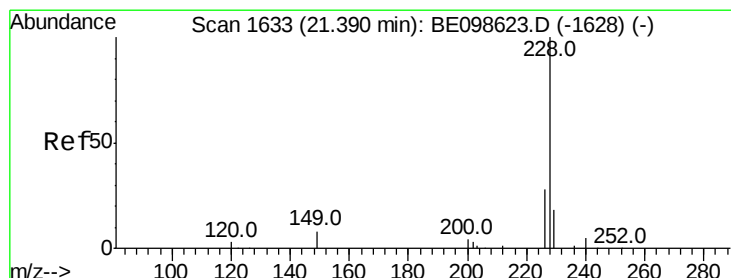
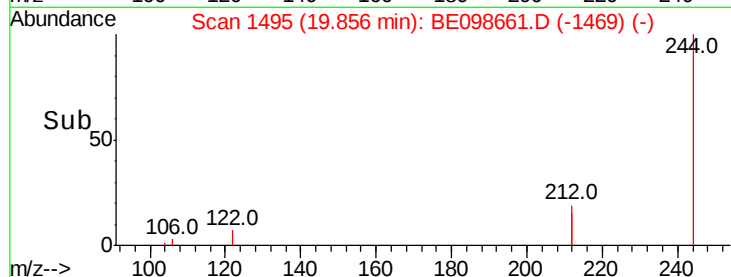
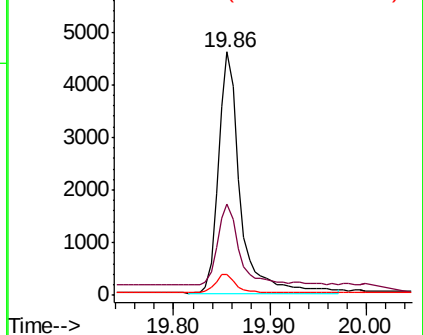
122 8.4 7.1 10.7



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: 0.354 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

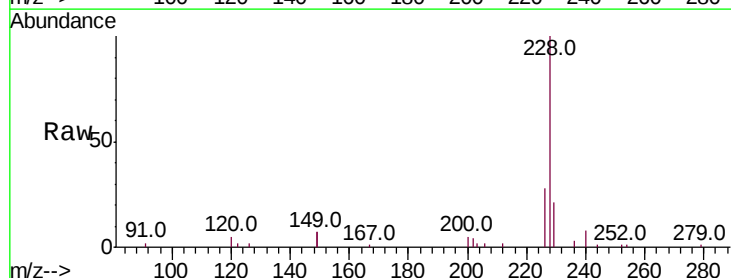
Tgt Ion:228 Resp: 8111

Ion Ratio Lower Upper

228 100

226 28.2 23.0 34.4

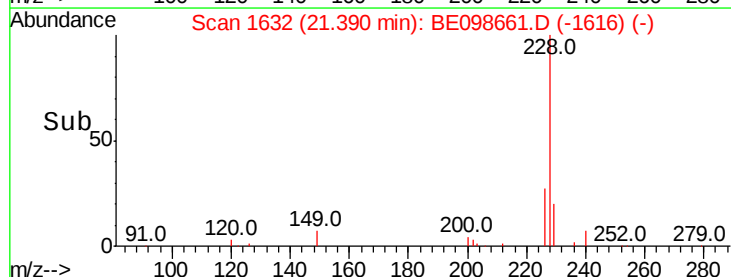
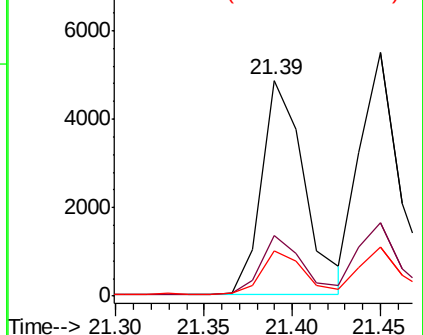
229 20.8 15.0 22.6

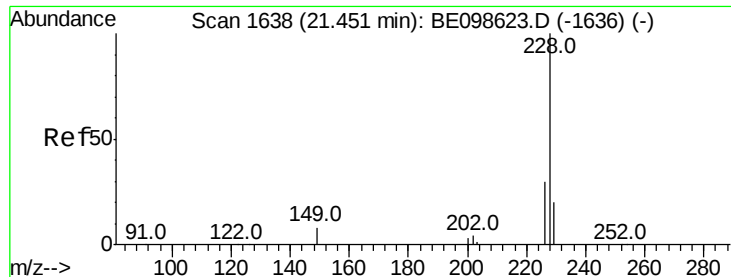


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.354 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

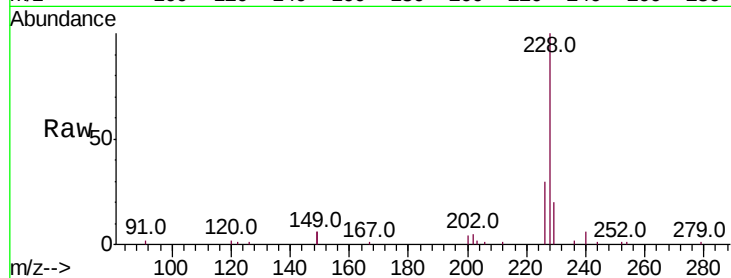
Tot Ion:228 Resp: 8421

Ion Ratio Lower Upper

228 100

226 30.0 24.6 36.8

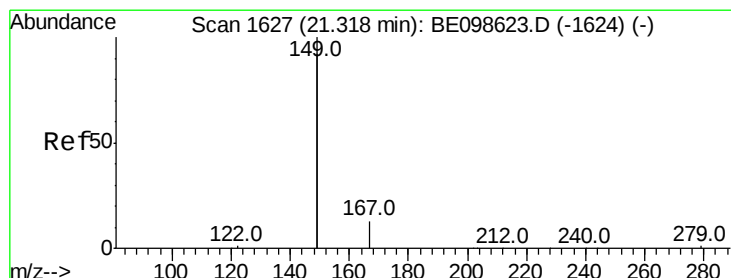
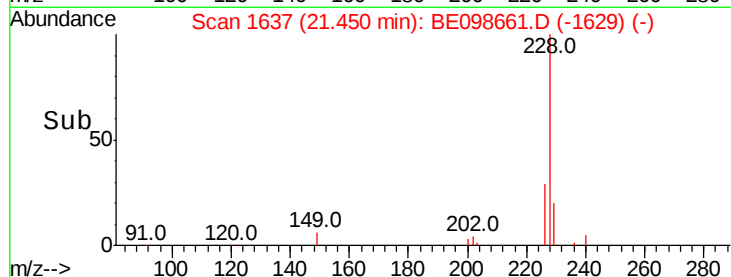
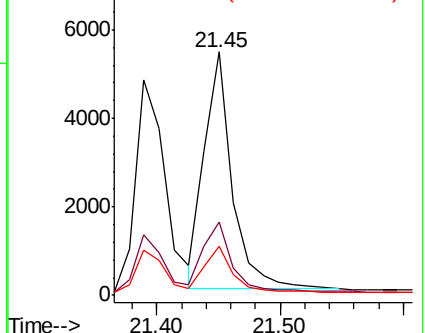
229 20.3 16.4 24.6



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: 0.333 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

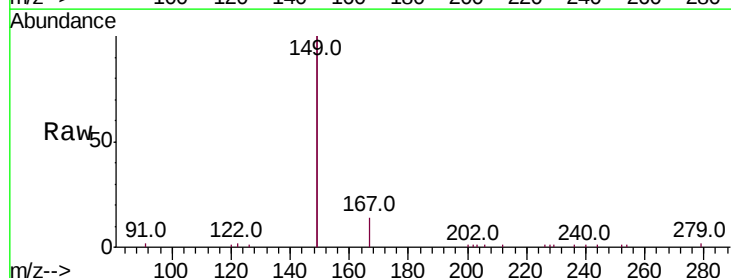
Tgt Ion:149 Resp: 16210

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.2

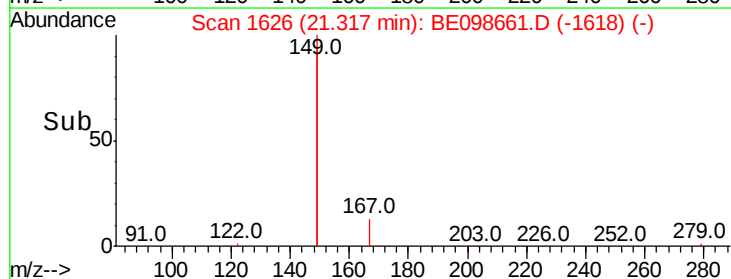
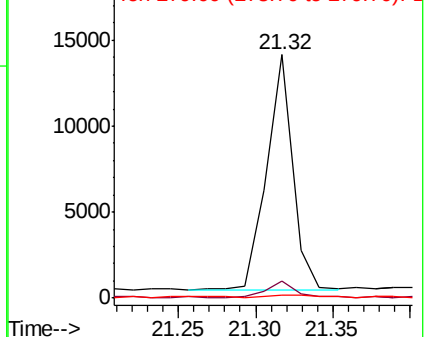
279 1.2 1.0 1.4

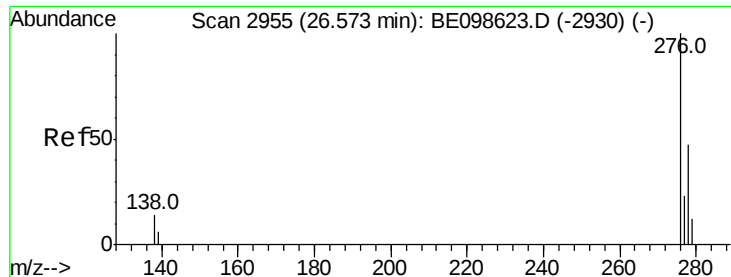


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.372 ng

RT: 26.57 min Scan# 2954

Delta R.T. 0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

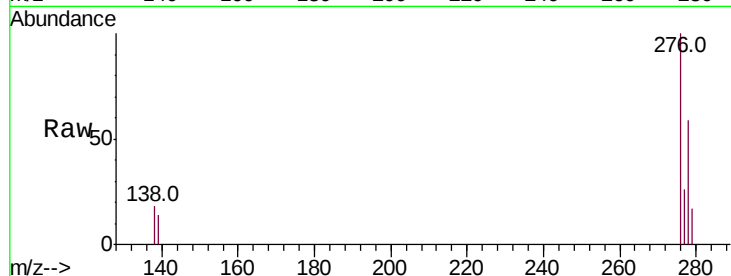
Tot Ion:276 Resp: 9117

Ion Ratio Lower Upper

276 100

138 16.9 13.3 19.9

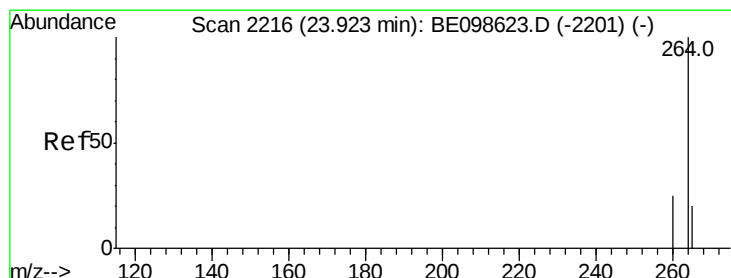
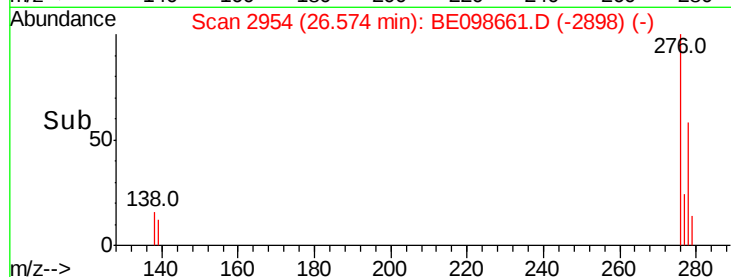
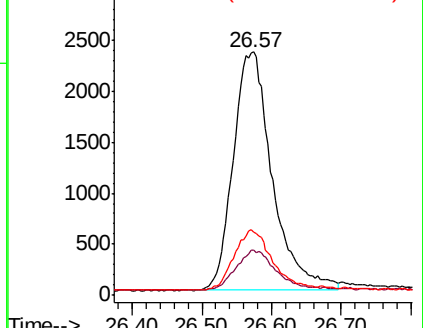
277 25.1 19.4 29.0



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# 2214

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

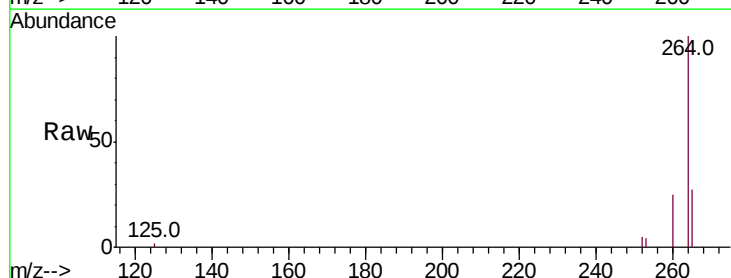
Tgt Ion:264 Resp: 8222

Ion Ratio Lower Upper

264 100

260 25.2 20.5 30.7

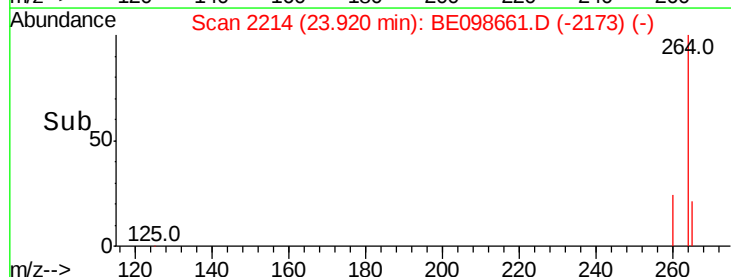
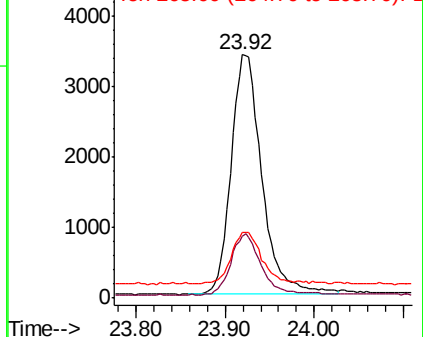
265 26.8 22.3 33.5

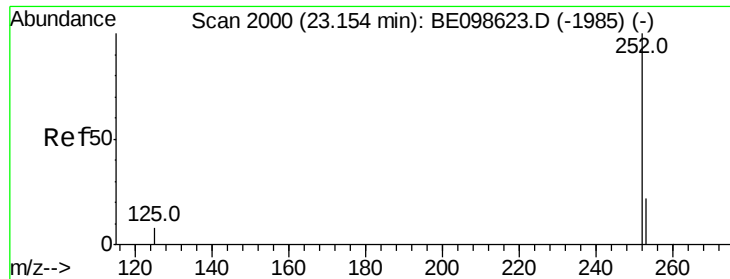


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.362 ng

RT: 23.15 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

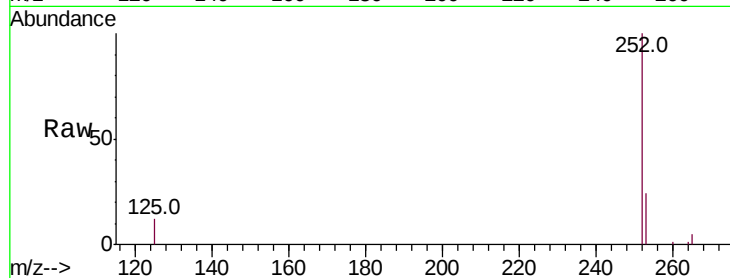
Tot Ion:252 Resp: 8113

Ion Ratio Lower Upper

252 100

253 23.7 19.4 29.0

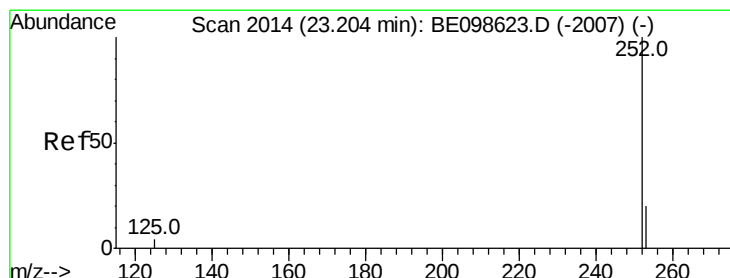
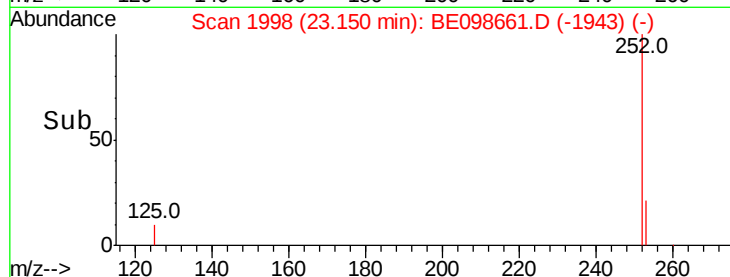
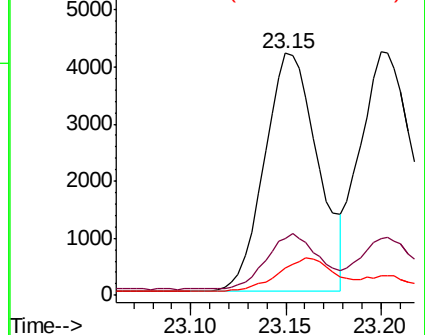
125 11.5 8.2 12.4



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: 0.363 ng

RT: 23.20 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

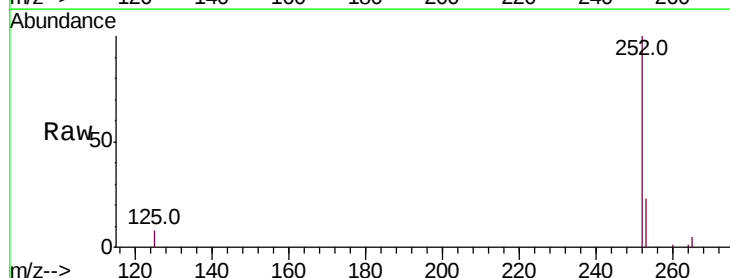
Tgt Ion:252 Resp: 8900

Ion Ratio Lower Upper

252 100

253 23.5 19.0 28.4

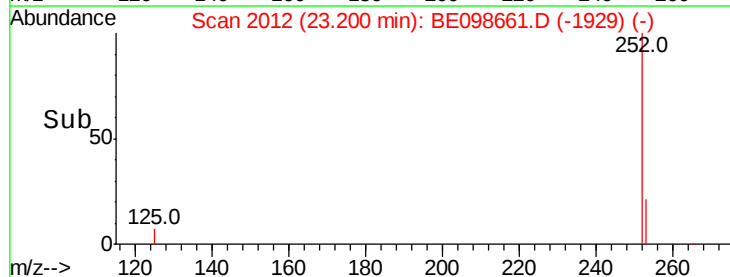
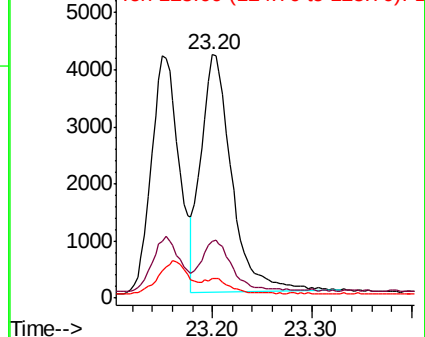
125 8.2 7.0 10.4

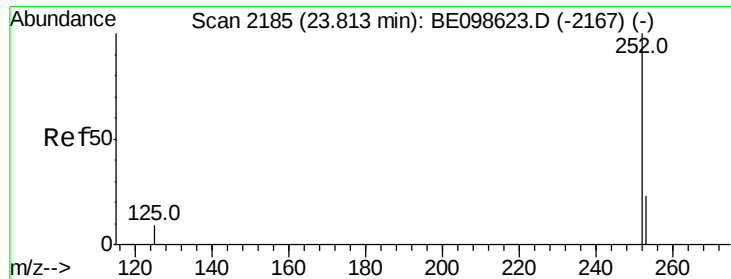


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.370 ng

RT: 23.81 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

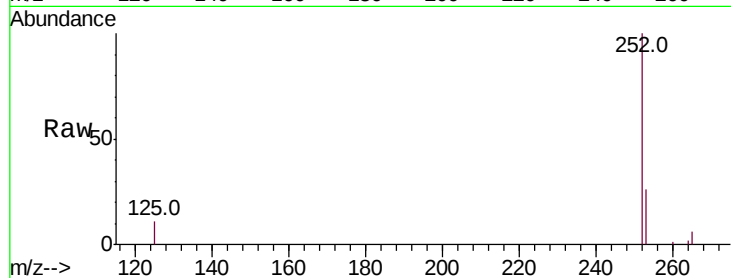
Tot Ion:252 Resp: 8156

Ion Ratio Lower Upper

252 100

253 25.6 21.0 31.4

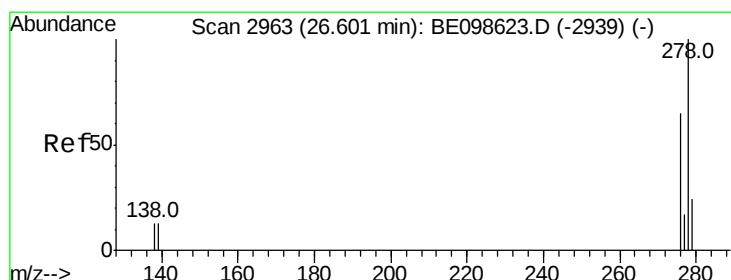
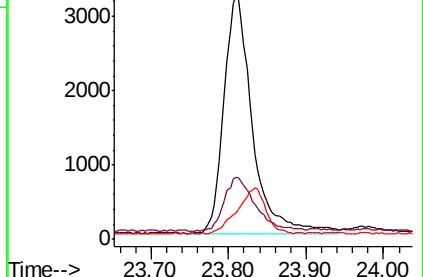
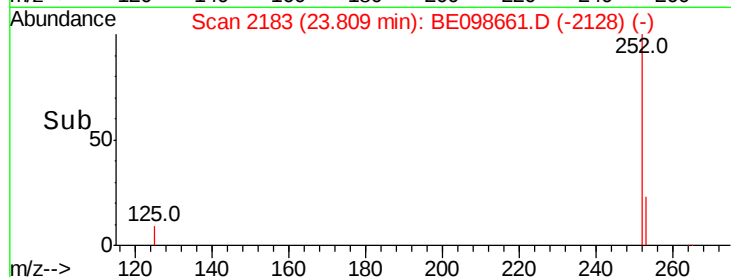
125 10.9 9.2 13.8



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: 0.389 ng

RT: 26.59 min Scan# 2958

Delta R.T. -0.01 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

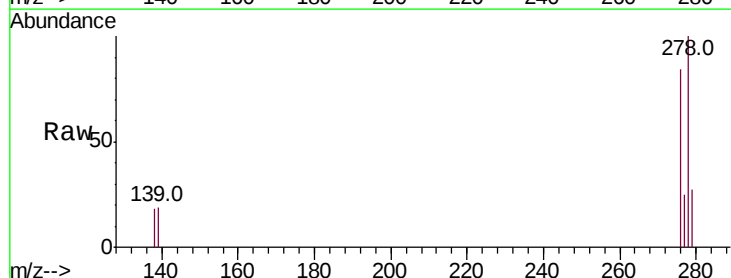
Tgt Ion:278 Resp: 7593

Ion Ratio Lower Upper

278 100

139 18.8 12.7 19.1

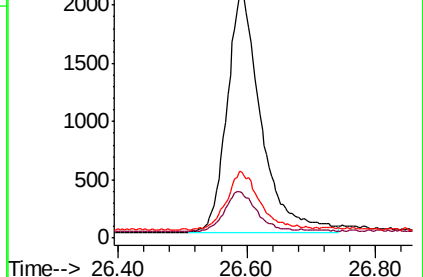
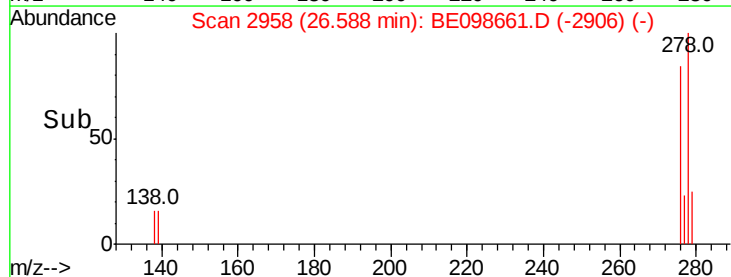
279 27.4 22.0 33.0

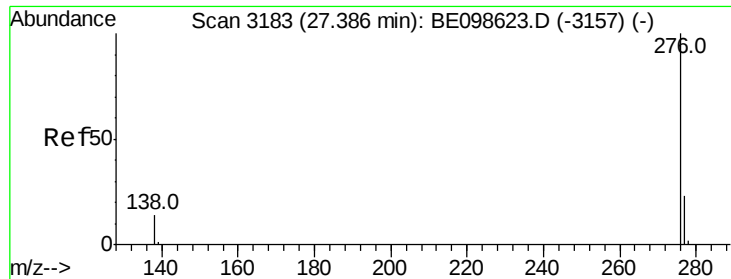


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.367 ng

RT: 27.38 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BE098661.D

Acq: 17 Jan 2019 23:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

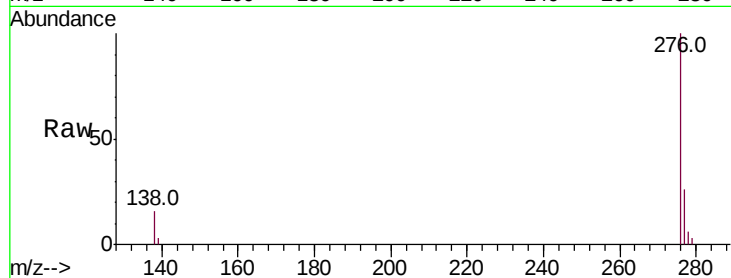
Tot Ion:276 Resp: 7848

Ion Ratio Lower Upper

276 100

277 25.8 20.3 30.5

138 15.8 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

