

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122618\
 Data File : BE098563.D
 Acq On : 26 Dec 2018 13:24
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 26 15:17:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	907	0.40	ng	0.01
7) Naphthalene-d8	10.67	136	4293	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2738	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	7196	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7542	0.40	ng	-0.01
34) Perylene-d12	23.99	264	7281	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	876	0.41	ng	0.01
5) Phenol-d6	7.05	99	1352	0.45	ng	0.00
8) Nitrobenzene-d5	9.04	82	1337	0.34	ng	0.02
11) 2-Methylnaphthalene-d10	12.27	152	2827	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	456	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4675	0.40	ng	0.00
25) Fluoranthene-d10	19.30	212	35333	0.38	ng	0.00
29) Terphenyl-d14	19.89	244	6887	0.38	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	756	0.482	ng	97
3) n-Nitrosodimethylamine	3.71	42	471	0.334	ng	# 100
6) bis(2-Chloroethyl)ether	7.30	93	1155	0.404	ng	79
9) Naphthalene	10.72	128	17501	0.405	ng	100
10) Hexachlorobutadiene	10.99	225	1174	0.427	ng	97
12) 2-Methylnaphthalene	12.34	142	2754	0.392	ng	98
16) Acenaphthylene	14.24	152	4842	0.377	ng	99
17) Acenaphthene	14.59	154	3191	0.414	ng	99
18) Fluorene	15.57	166	4117	0.399	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	1508	0.389	ng	# 83
21) Hexachlorobenzene	16.58	284	1760	0.423	ng	96
22) Pentachlorophenol	16.94	266	339	0.490	ng	95
23) Phenanthrene	17.31	178	7016	0.401	ng	99
24) Anthracene	17.41	178	5451	0.350	ng	100
26) Fluoranthene	19.33	202	8929	0.386	ng	97
28) Pyrene	19.69	202	9106	0.385	ng	100
30) Benzo(a)anthracene	21.44	228	7874	0.367	ng	99
31) Chrysene	21.49	228	9000	0.400	ng	98
32) Bis(2-ethylhexyl)phthalate	21.35	149	12886	0.295	ng	100
33) Indeno(1,2,3-cd)pyrene	26.67	276	9434	0.421	ng	99
35) Benzo(b)fluoranthene	23.21	252	8314	0.418	ng	# 97
36) Benzo(k)fluoranthene	23.26	252	9884	0.426	ng	98
37) Benzo(a)pyrene	23.88	252	8476	0.413	ng	100
38) Dibenzo(a,h)anthracene	26.70	278	7914	0.409	ng	# 94
39) Benzo(g,h,i)perylene	27.49	276	8027	0.412	ng	96

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

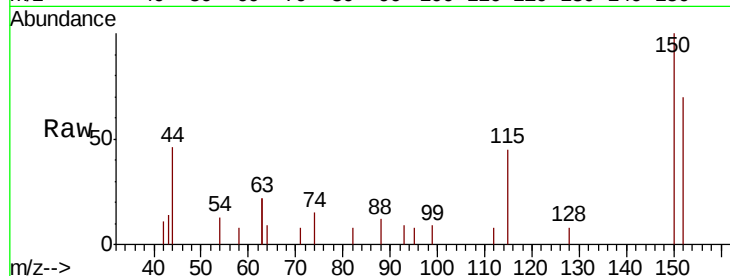


#1

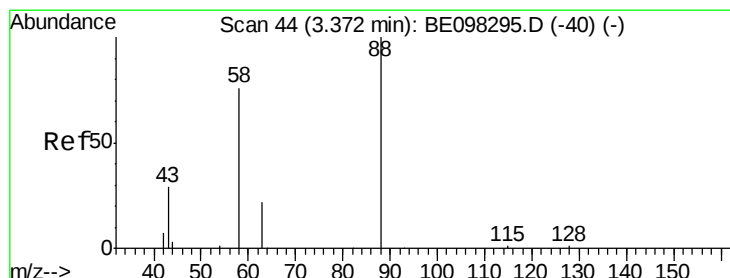
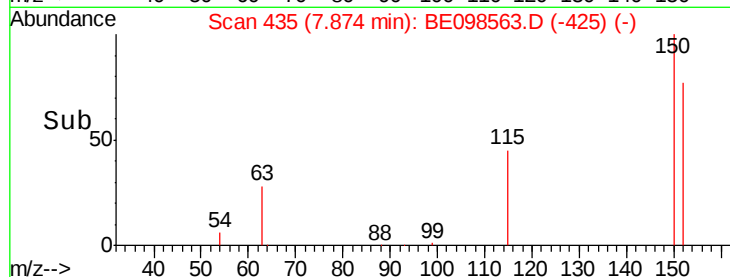
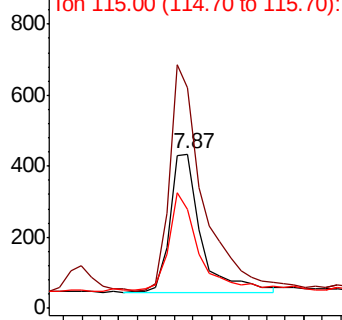
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098563.D
Acq: 26 Dec 2018 13:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion: 152 Resp: 907
Ion Ratio Lower Upper
152 100
150 143.3 124.2 186.4
115 64.3 53.9 80.9



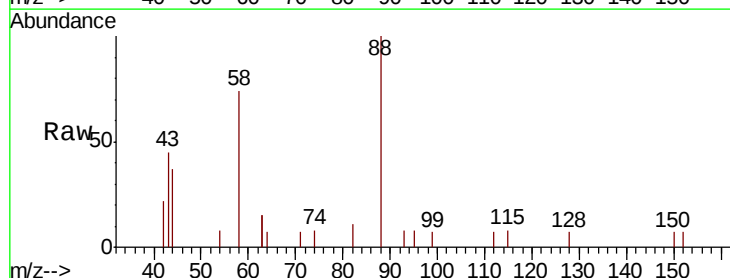
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



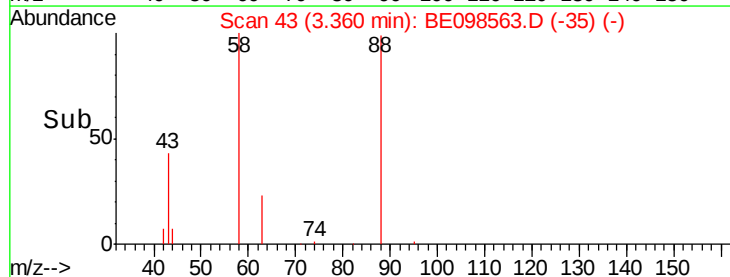
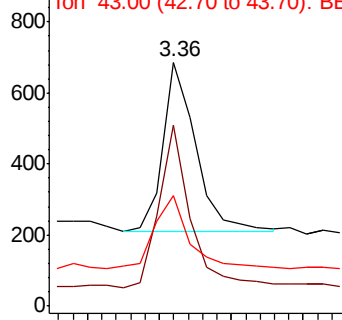
#2

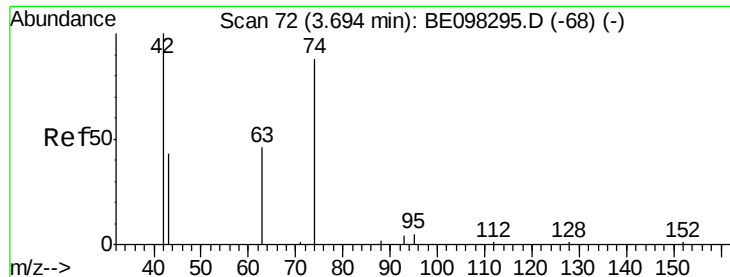
1,4-Dioxane
Concen: 0.482 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098563.D
Acq: 26 Dec 2018 13:24

Tgt Ion: 88 Resp: 756
Ion Ratio Lower Upper
88 100
58 90.3 75.0 112.6
43 45.8 38.3 57.5



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: 0.334 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

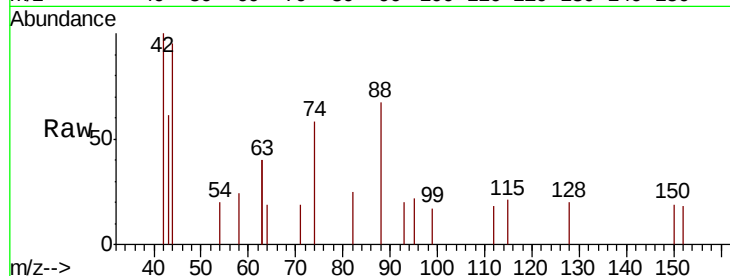
Tot Ion: 42 Resp: 471

Ion Ratio Lower Upper

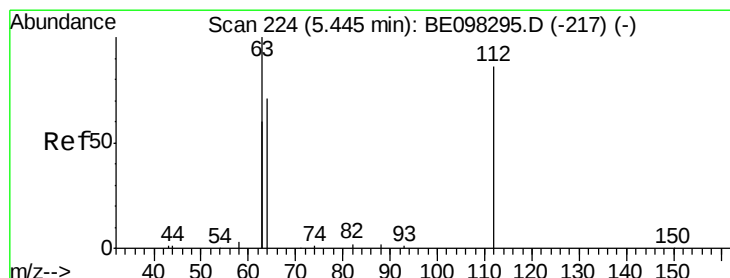
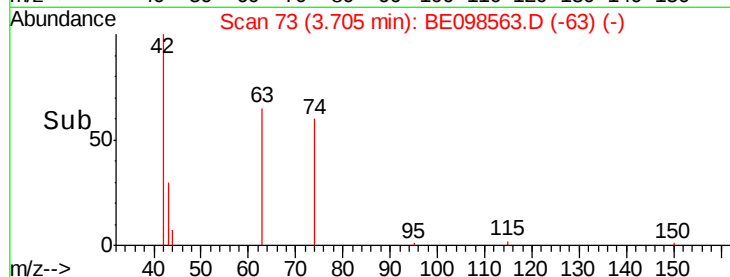
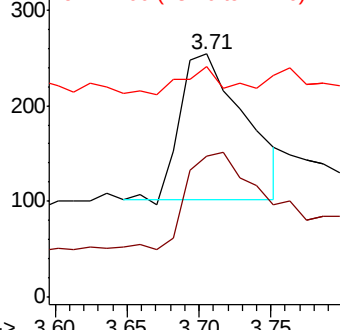
42 100

74 69.9 0.0 0.0#

44 11.7 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: 0.413 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

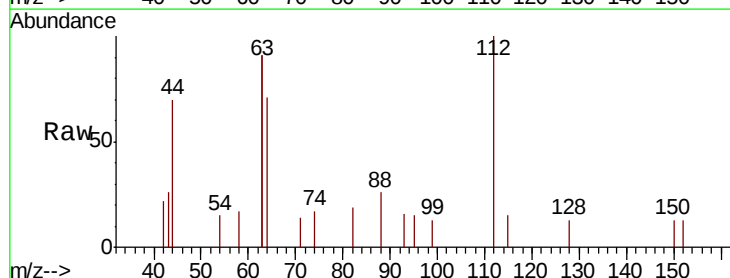
Tgt Ion: 112 Resp: 876

Ion Ratio Lower Upper

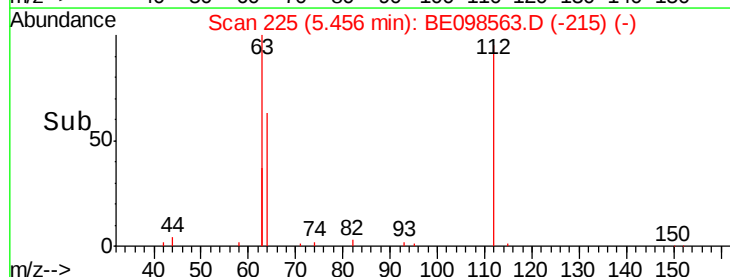
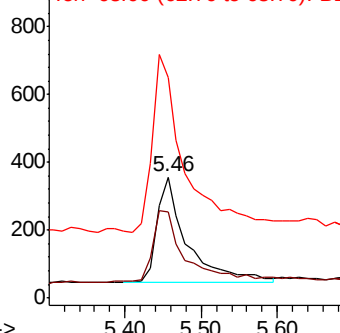
112 100

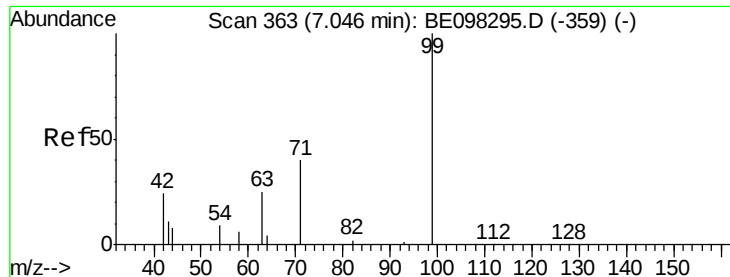
64 72.3 59.8 89.8

63 186.2 133.7 200.5



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: 0.450 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

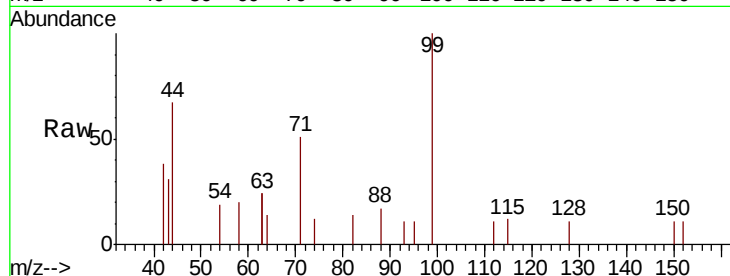
Tot Ion: 99 Resp: 1352

Ion Ratio Lower Upper

99 100

42 31.0 26.3 39.5

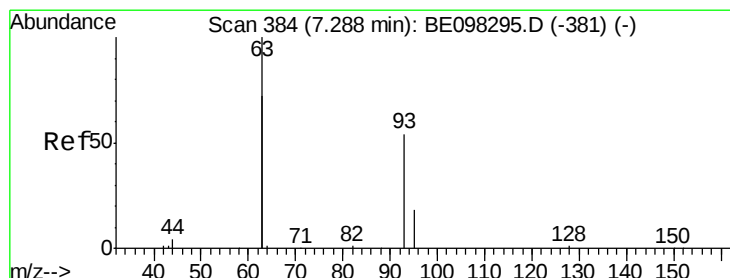
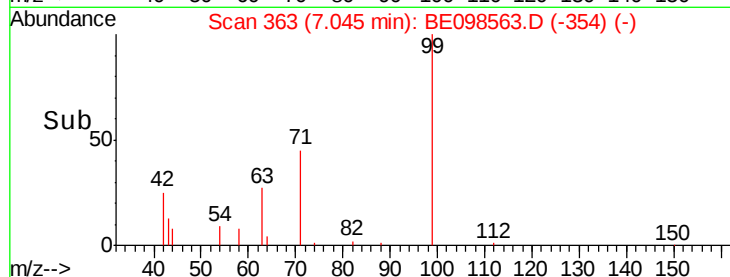
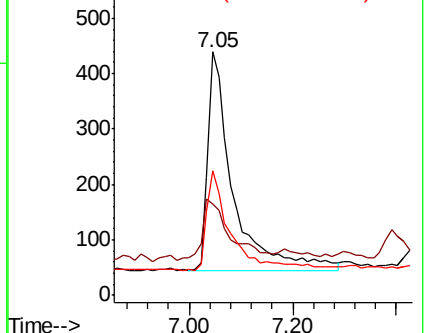
71 43.4 33.6 50.4



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: 0.404 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.01 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

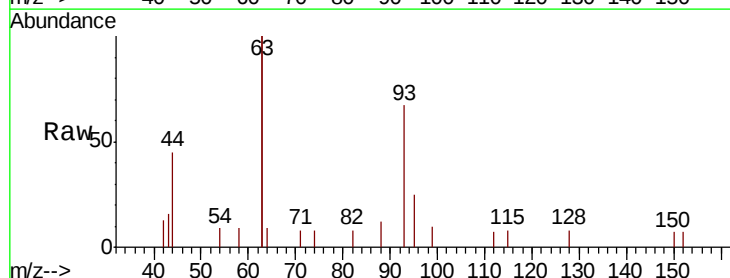
Tgt Ion: 93 Resp: 1155

Ion Ratio Lower Upper

93 100

63 283.6 264.4 396.6

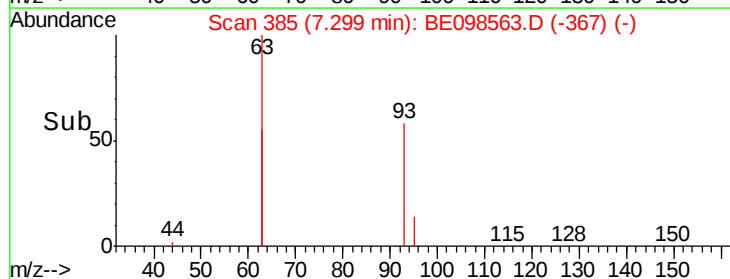
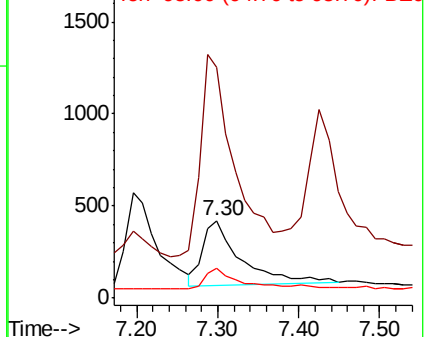
95 27.2 26.6 40.0

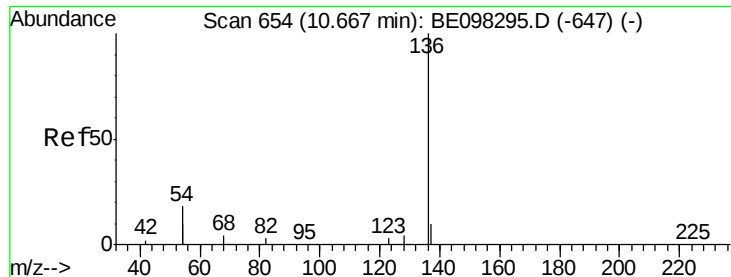


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 4293

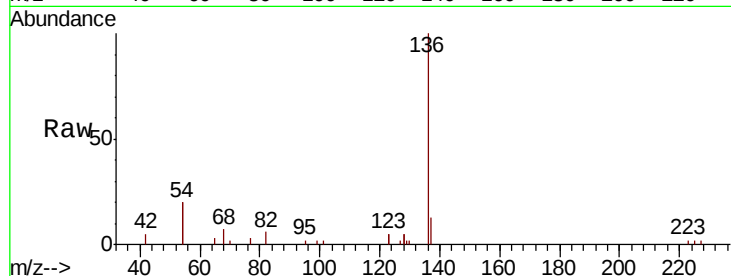
Ion Ratio Lower Upper

136 100

137 12.9 9.2 13.8

54 39.0 28.4 42.6

68 6.8 5.4 8.0

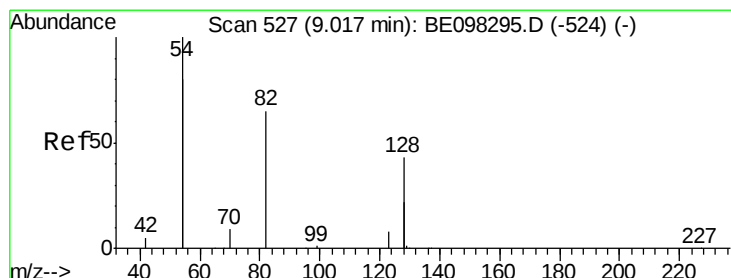
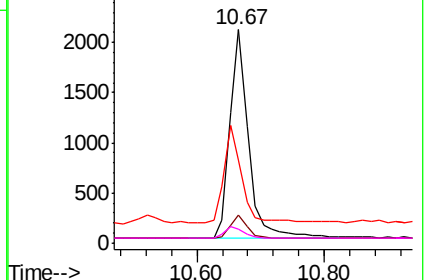
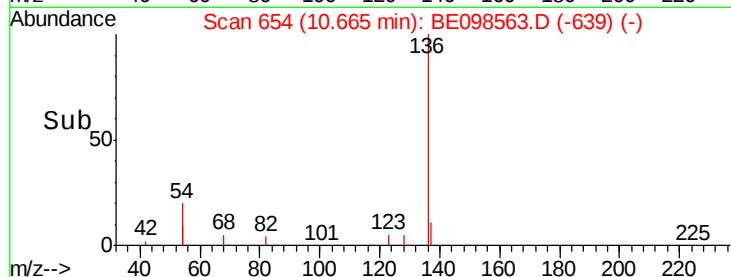


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.342 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.02 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

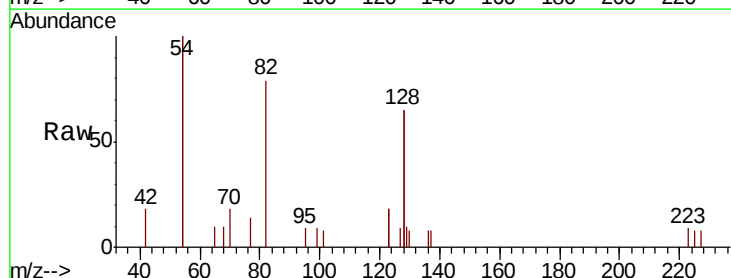
Tgt Ion: 82 Resp: 1337

Ion Ratio Lower Upper

82 100

128 164.6 102.4 153.6#

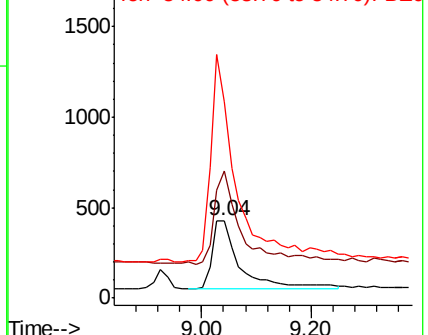
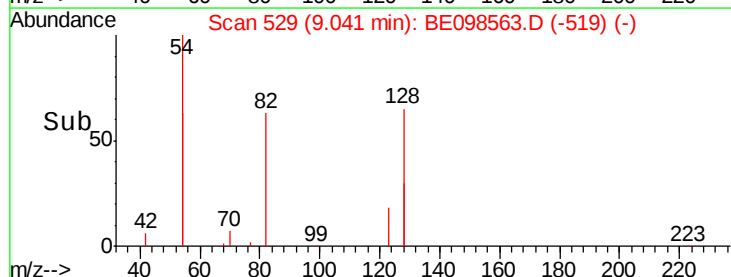
54 253.6 221.8 332.8

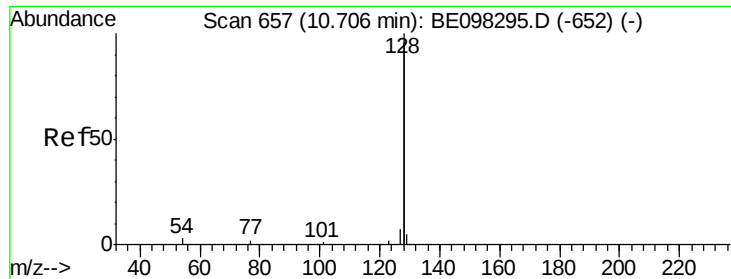


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.405 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.01 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

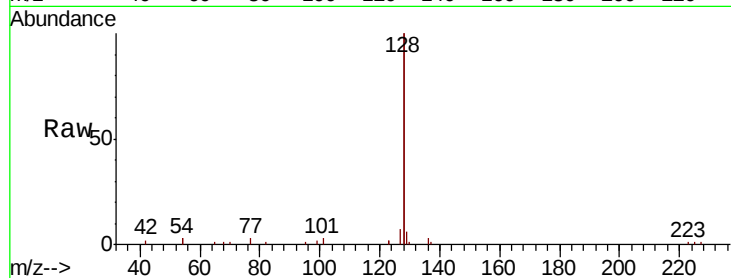
Tot Ion:128 Resp: 17501

Ion Ratio Lower Upper

128 100

129 3.2 2.5 3.7

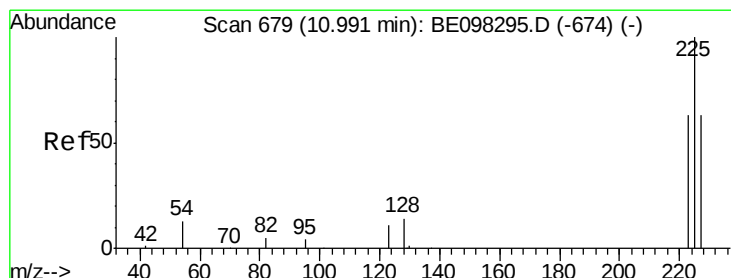
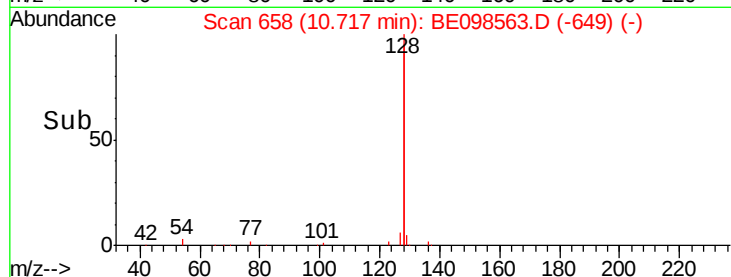
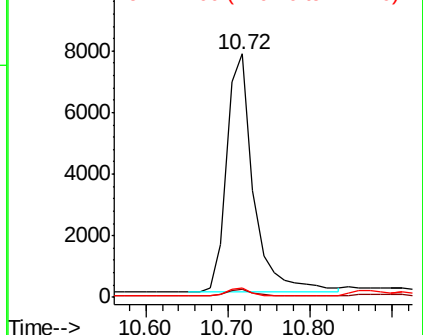
127 3.6 2.7 4.1



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: 0.427 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

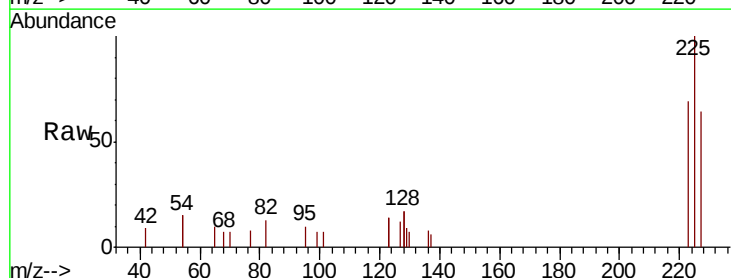
Tgt Ion:225 Resp: 1174

Ion Ratio Lower Upper

225 100

223 66.4 49.4 74.0

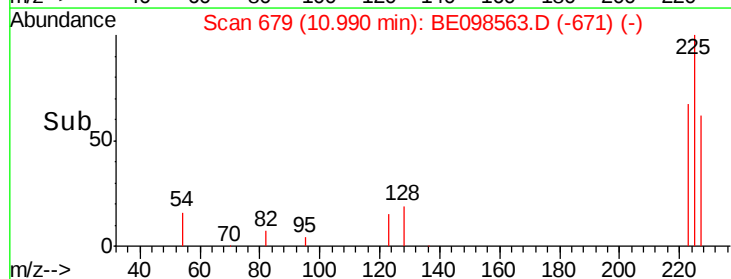
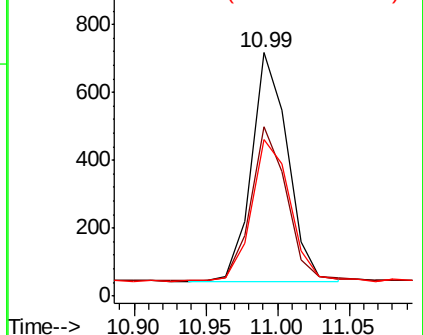
227 65.8 52.0 78.0

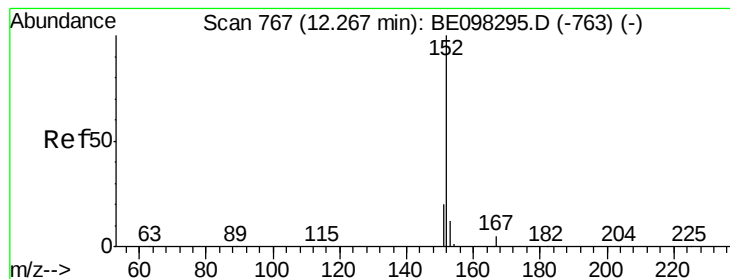


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.405 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

Instrument :

BNA_E

ClientSampleId :

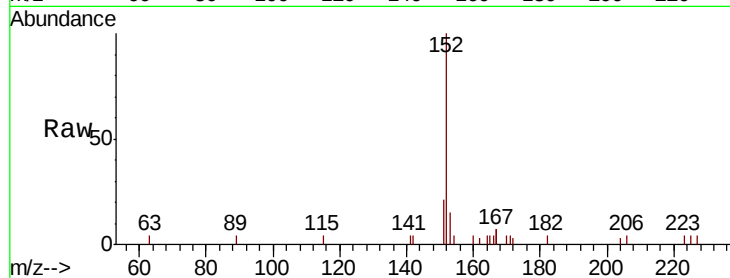
SSTDCCC0.4EC

Tot Ion:152 Resp: 2827

Ion Ratio Lower Upper

152 100

151 18.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1500

12.27

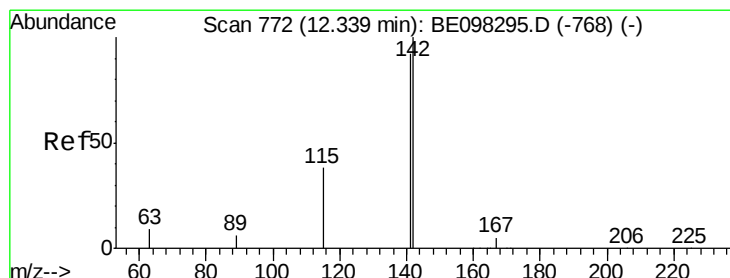
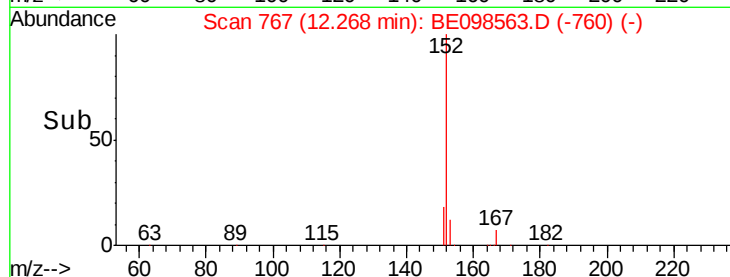
1000

500

0

Time-->

12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.392 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

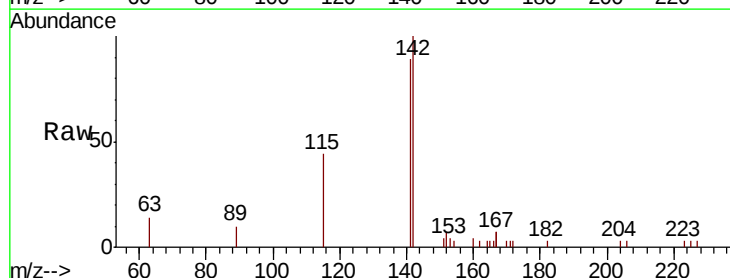
Tgt Ion:142 Resp: 2754

Ion Ratio Lower Upper

142 100

141 88.7 71.0 106.6

115 44.0 32.2 48.2



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

1500

12.34

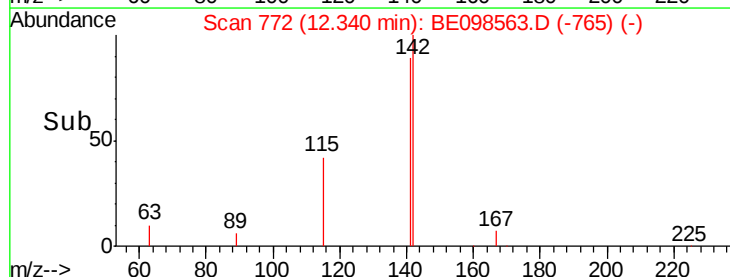
1000

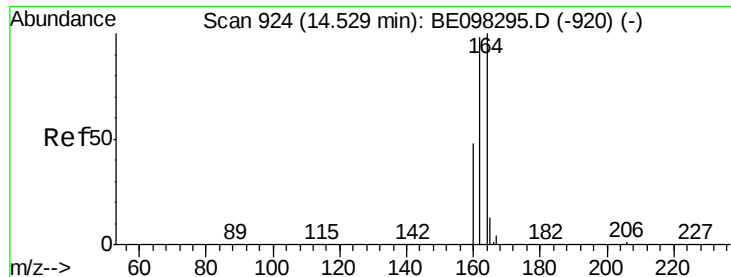
500

0

Time-->

12.30 12.40





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

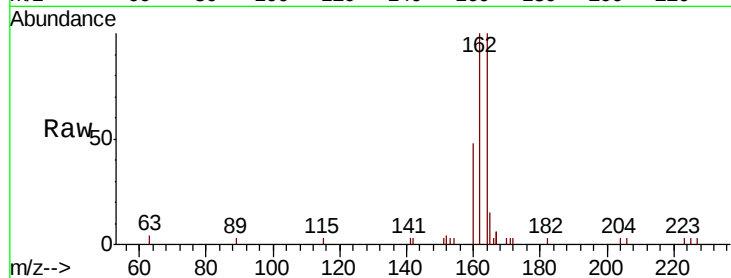
Tot Ion:164 Resp: 2738

Ion Ratio Lower Upper

164 100

162 100.0 77.6 116.4

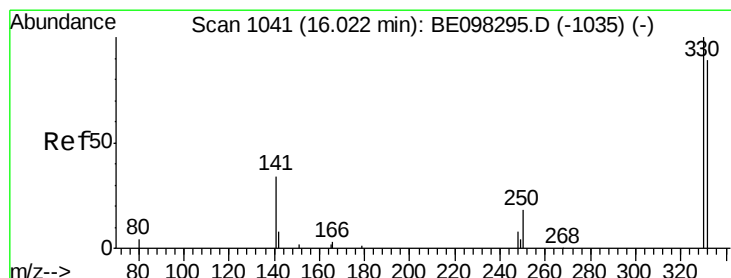
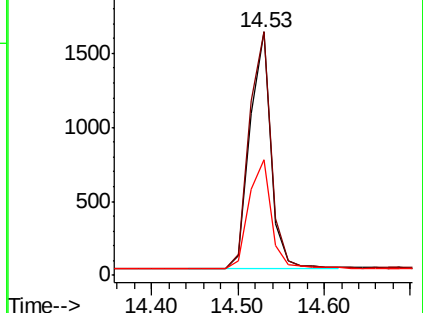
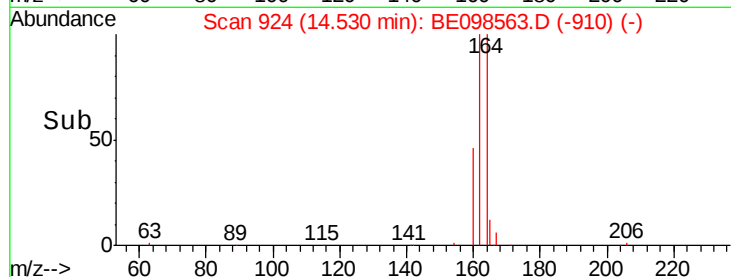
160 47.7 36.0 54.0



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: 0.454 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

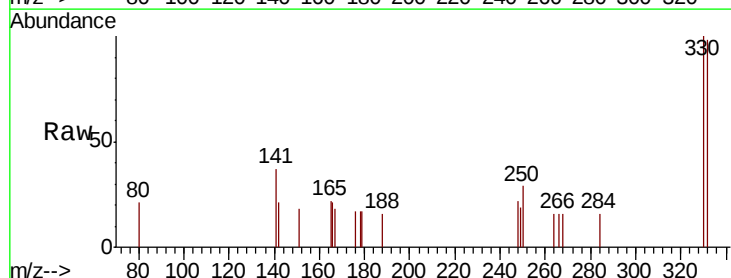
Tgt Ion:330 Resp: 456

Ion Ratio Lower Upper

330 100

332 97.1 76.2 114.4

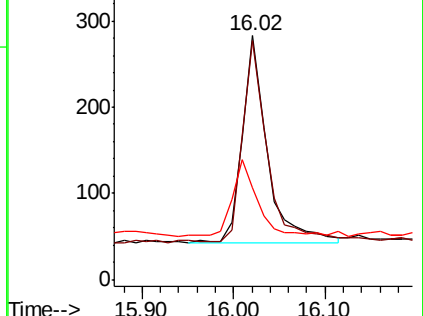
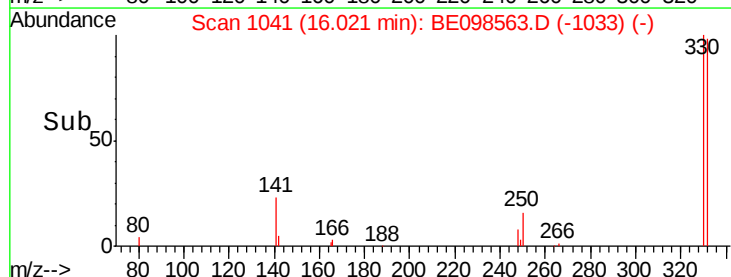
141 35.7 39.0 58.4#

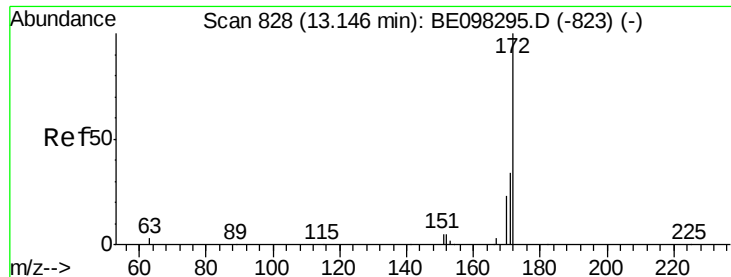


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

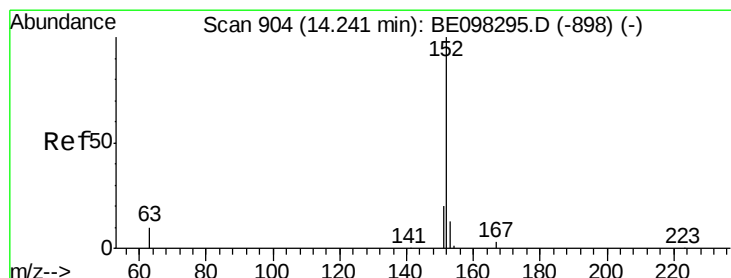
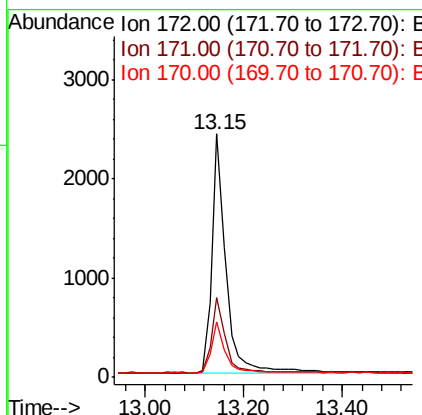
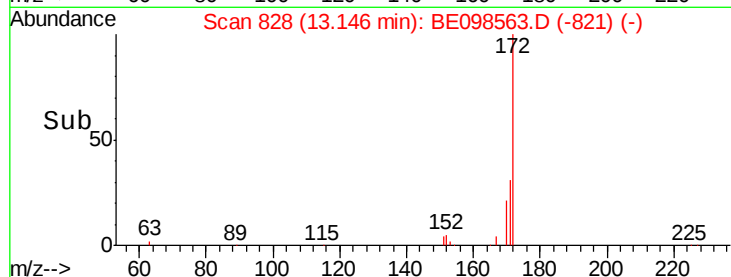
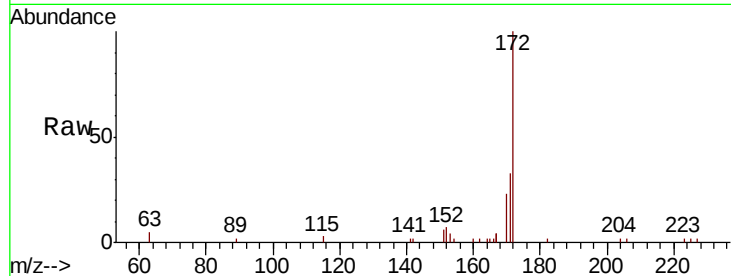




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098563.D
Acq: 26 Dec 2018 13:24

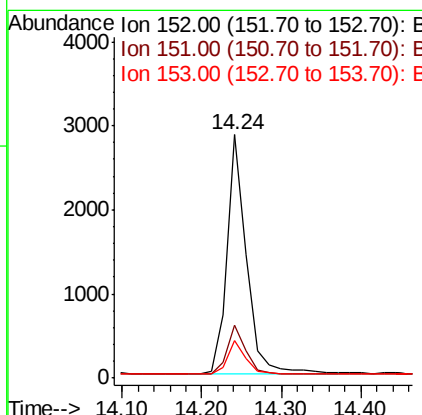
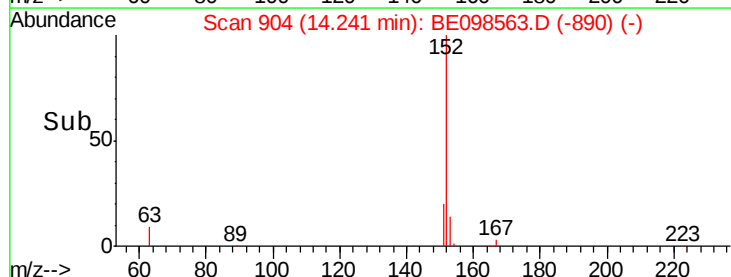
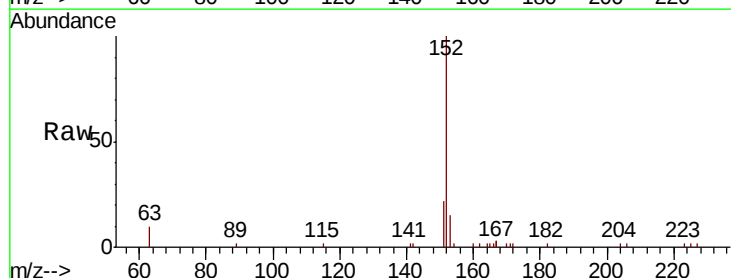
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

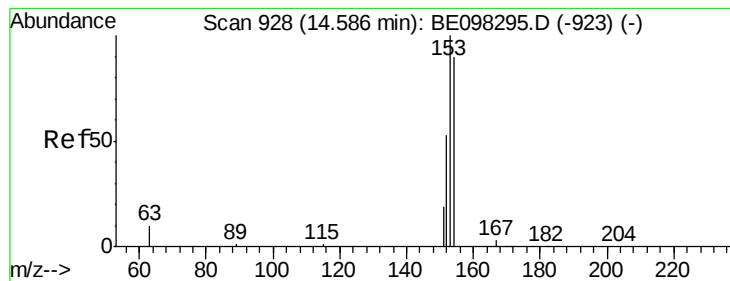
Tot Ion:172 Resp: 4675
Ion Ratio Lower Upper
172 100
171 32.8 27.5 41.3
170 22.7 19.6 29.4



#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098563.D
Acq: 26 Dec 2018 13:24

Tgt Ion:152 Resp: 4842
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 13.9 10.6 16.0





#17

Acenaphthene

Concen: 0.414 ng

RT: 14.59 min Scan# 928

Delta R.T. 0.00 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

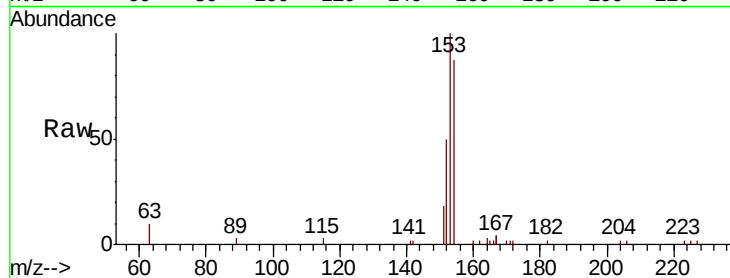
Tot Ion:154 Resp: 3191

Ion Ratio Lower Upper

154 100

153 115.2 91.8 137.6

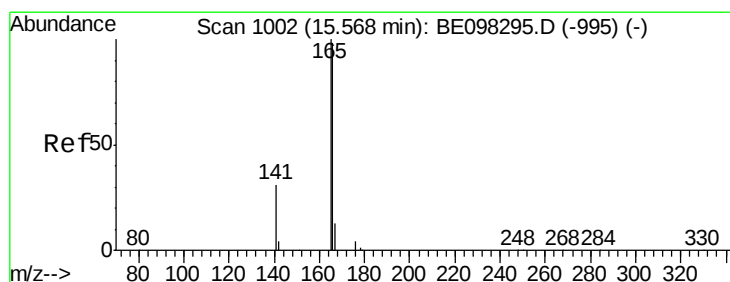
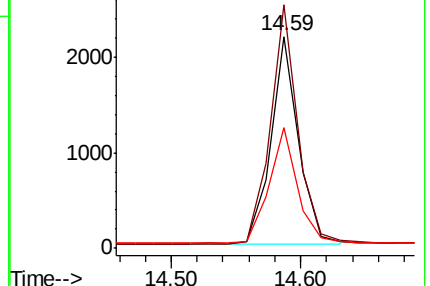
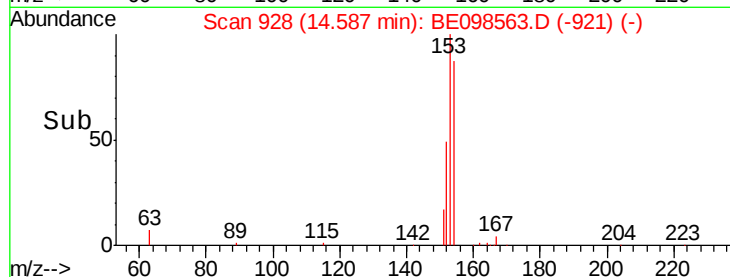
152 57.8 45.5 68.3



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: 0.399 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

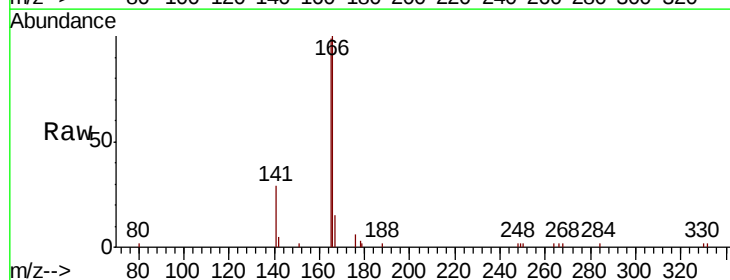
Tgt Ion:166 Resp: 4117

Ion Ratio Lower Upper

166 100

165 99.3 79.3 118.9

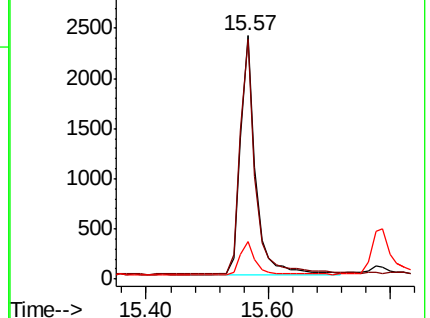
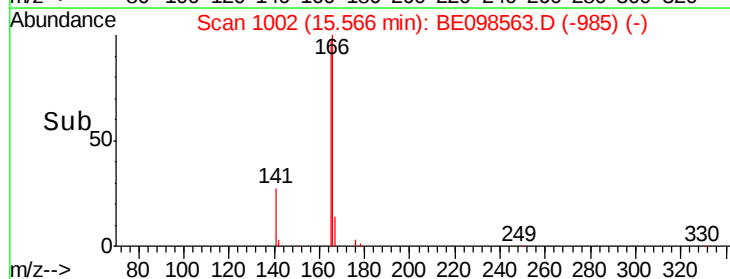
167 14.4 11.3 16.9

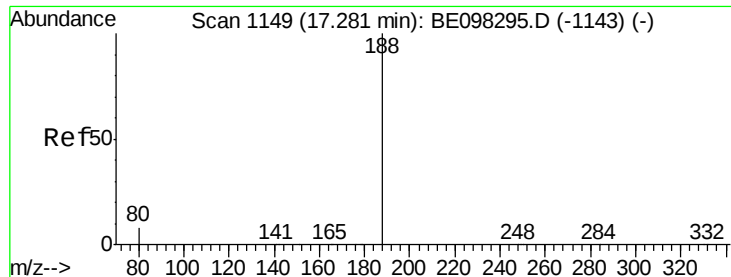


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

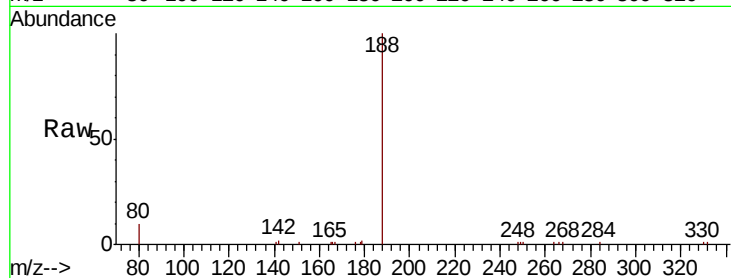
Tot Ion:188 Resp: 7196

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 7.2 10.8



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

17.27

4000

3000

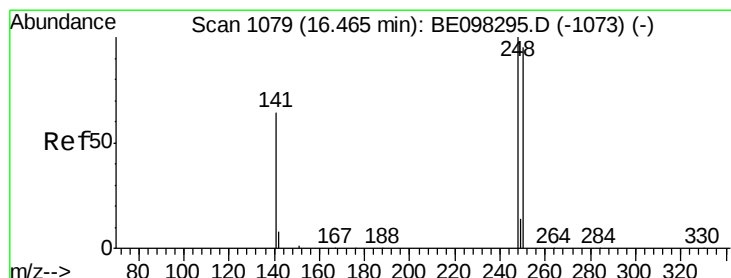
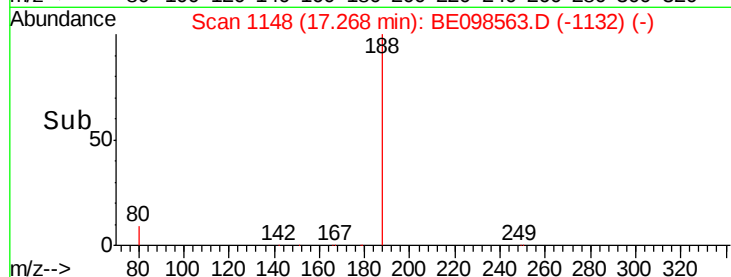
2000

1000

0

17.20 17.40 17.60

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.389 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

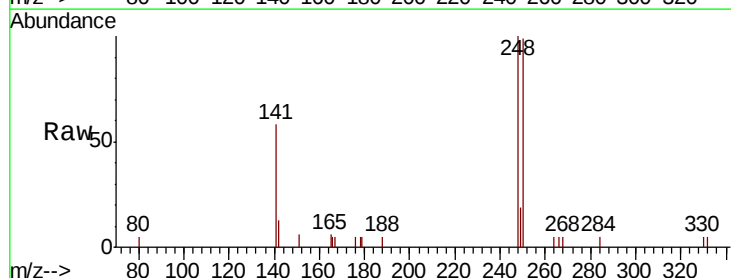
Tgt Ion:248 Resp: 1508

Ion Ratio Lower Upper

248 100

250 98.9 71.0 106.6

141 57.6 62.1 93.1#



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

16.46

1200

1000

800

600

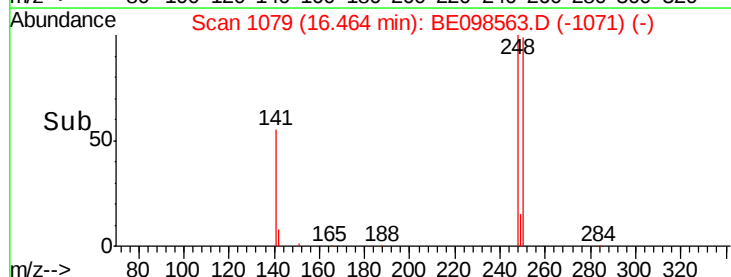
400

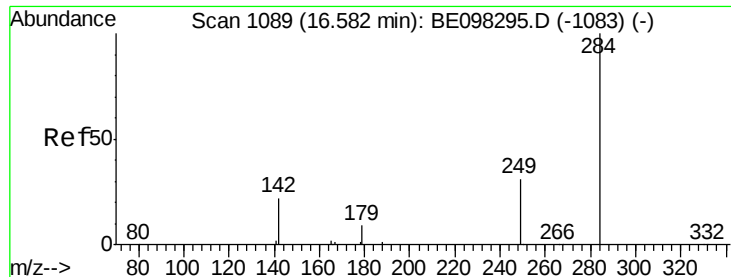
200

0

16.40 16.45 16.50

Time-->





#21

Hexachlorobenzene

Concen: 0.423 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

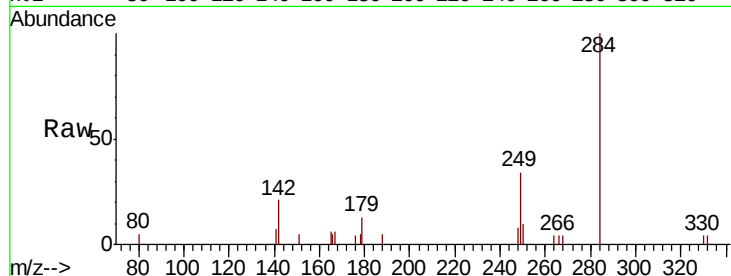
Tot Ion:284 Resp: 1760

Ion Ratio Lower Upper

284 100

142 34.7 26.3 39.5

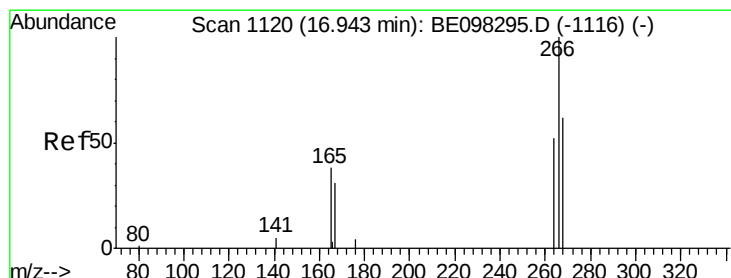
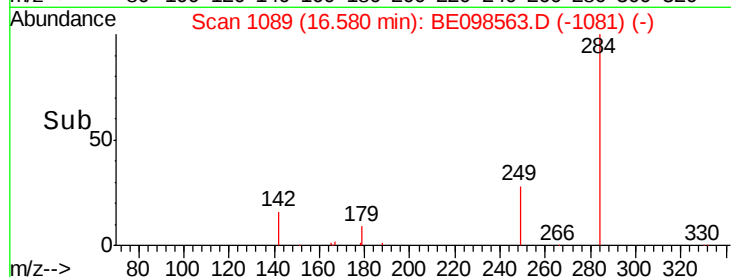
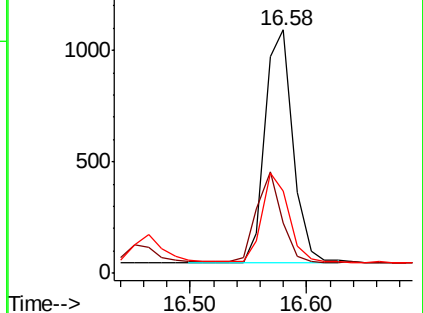
249 35.5 26.0 39.0



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: 0.490 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

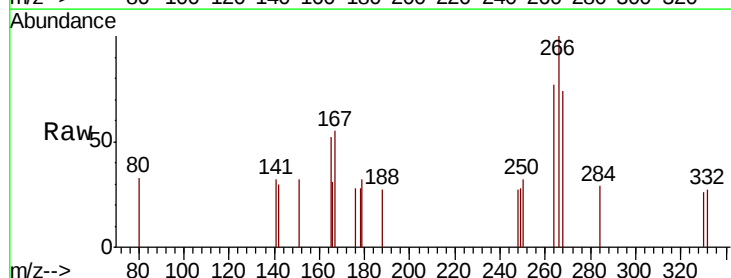
Tgt Ion:266 Resp: 339

Ion Ratio Lower Upper

266 100

264 76.8 59.0 88.4

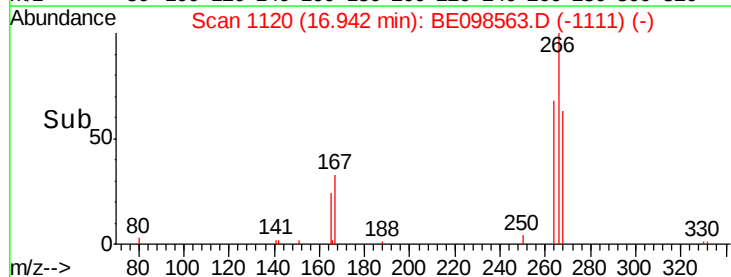
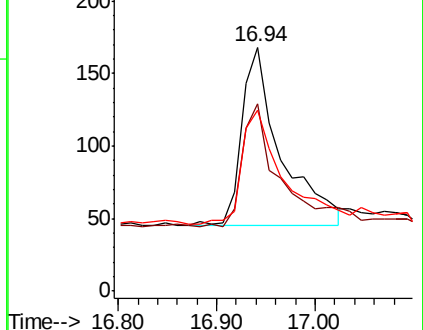
268 74.4 55.1 82.7

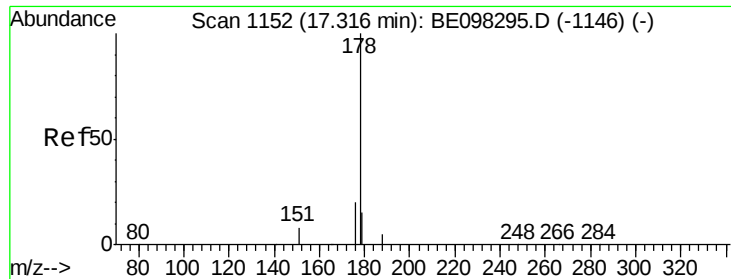


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.401 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

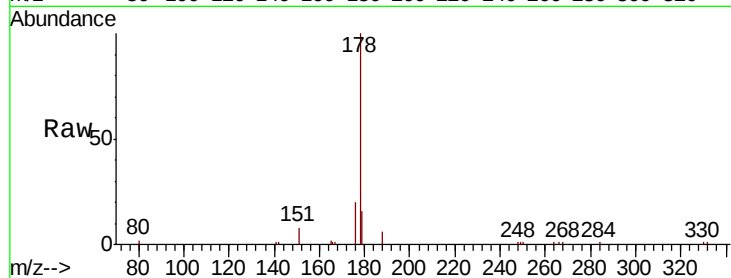
Tot Ion:178 Resp: 7016

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

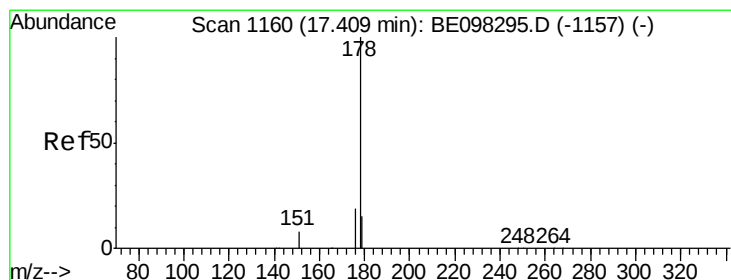
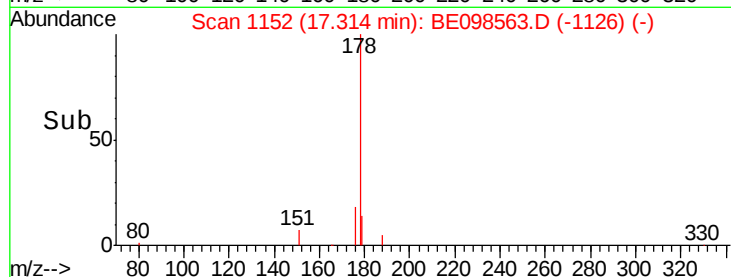
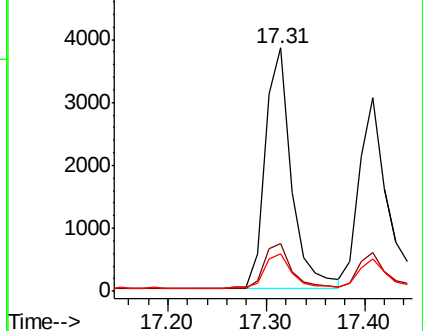
179 15.5 12.3 18.5



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: 0.350 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

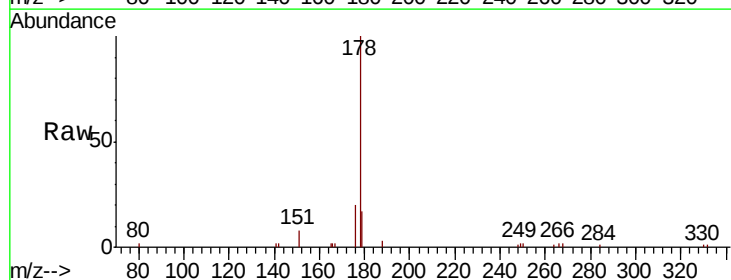
Tgt Ion:178 Resp: 5451

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

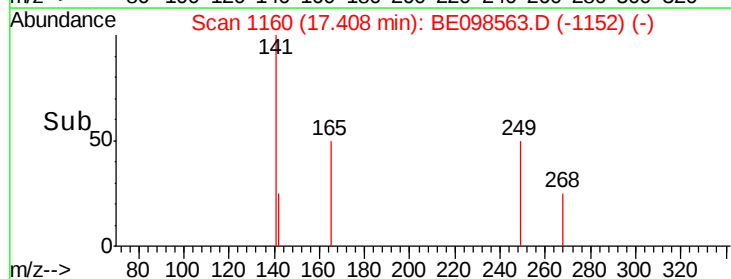
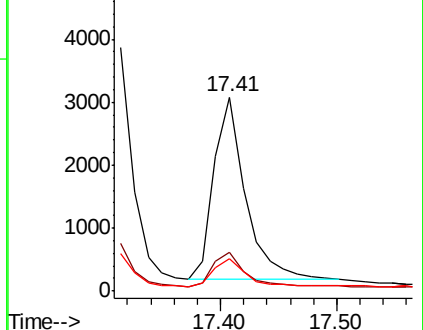
179 15.6 12.3 18.5

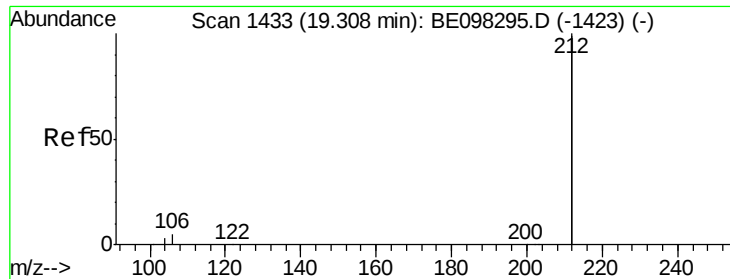


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

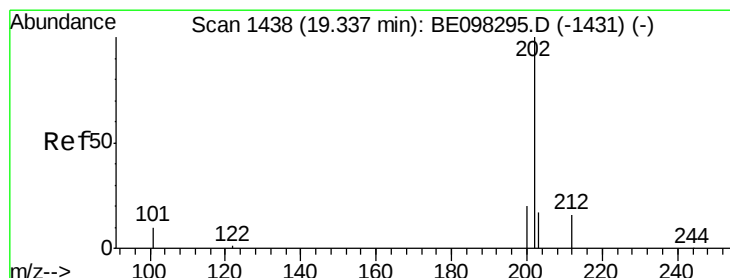
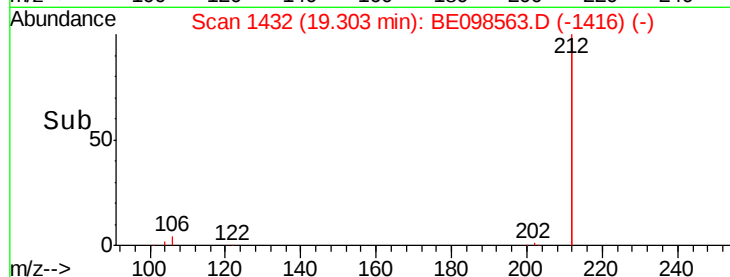
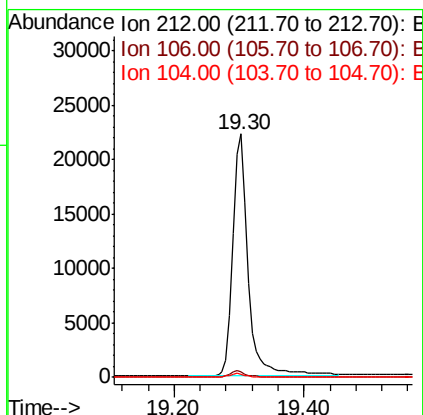
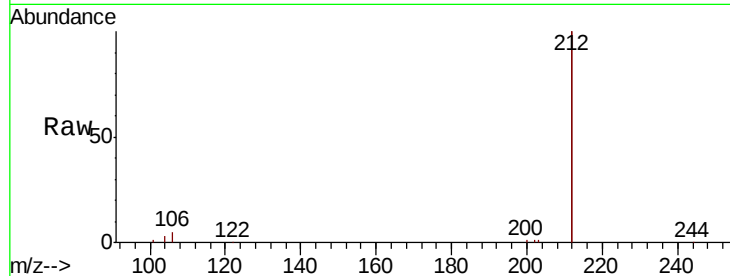




#25
 Fluoranthene-d10
 Concen: 0.383 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098563.D
 Acq: 26 Dec 2018 13:24

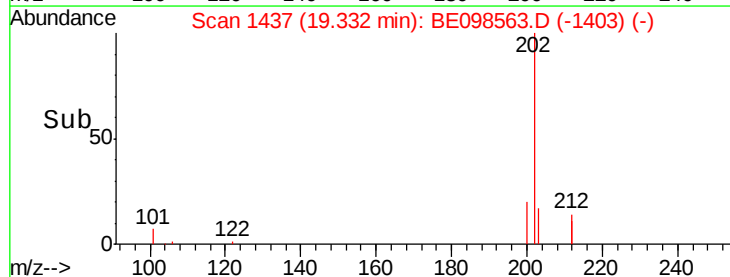
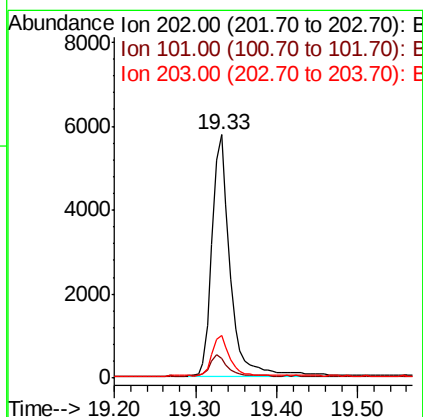
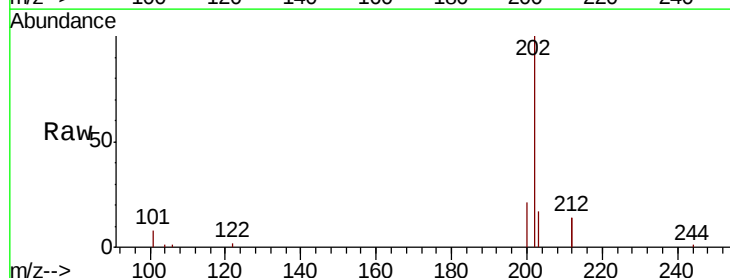
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

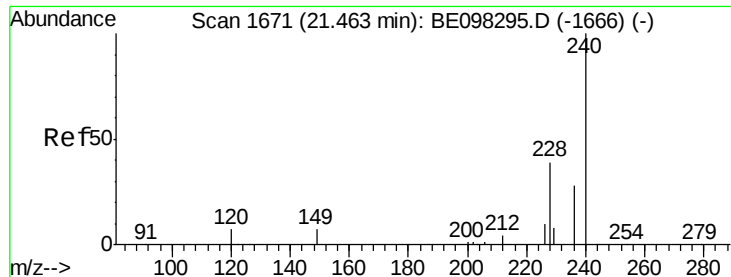
Tot Ion:212 Resp: 35333
 Ion Ratio Lower Upper
 212 100
 106 2.3 2.2 3.2
 104 1.4 1.3 1.9



#26
 Fluoranthene
 Concen: 0.386 ng
 RT: 19.33 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BE098563.D
 Acq: 26 Dec 2018 13:24

Tgt Ion:202 Resp: 8929
 Ion Ratio Lower Upper
 202 100
 101 8.4 8.0 12.0
 203 16.2 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

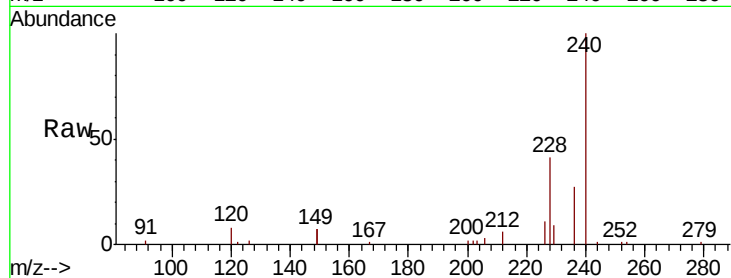
Tot Ion:240 Resp: 7542

Ion Ratio Lower Upper

240 100

120 7.9 9.5 14.3#

236 27.4 22.7 34.1

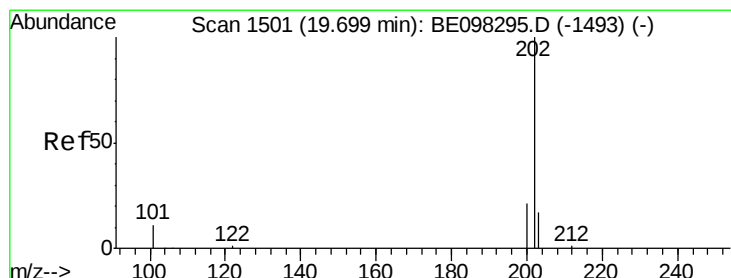
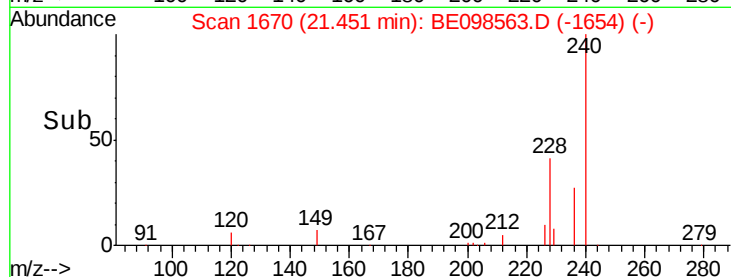
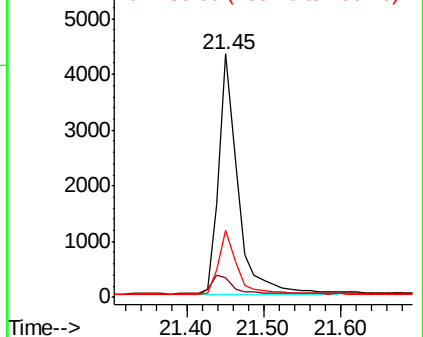


Abundance

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: 0.385 ng

RT: 19.69 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

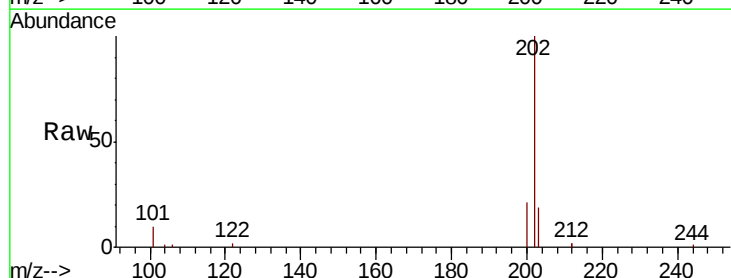
Tgt Ion:202 Resp: 9106

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.5 14.1 21.1

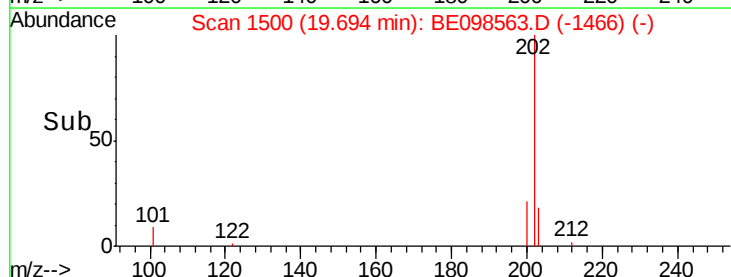
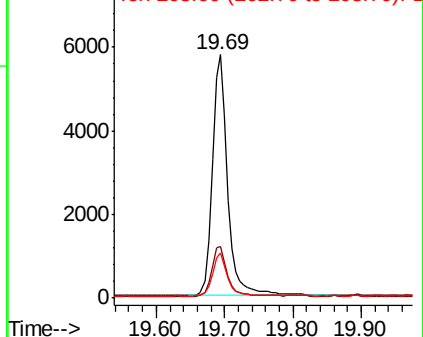


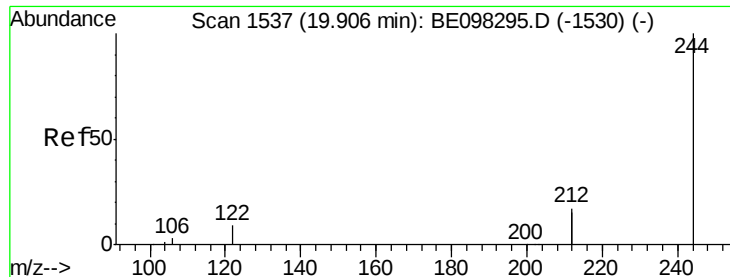
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.376 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

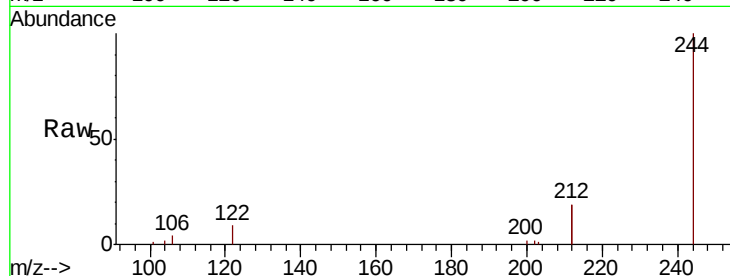
Tot Ion:244 Resp: 6887

Ion Ratio Lower Upper

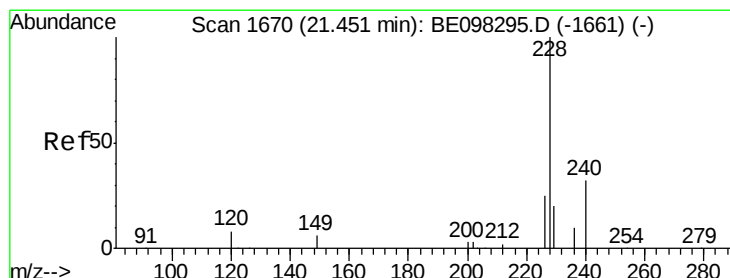
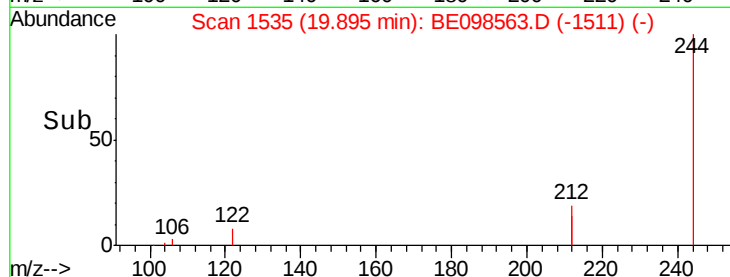
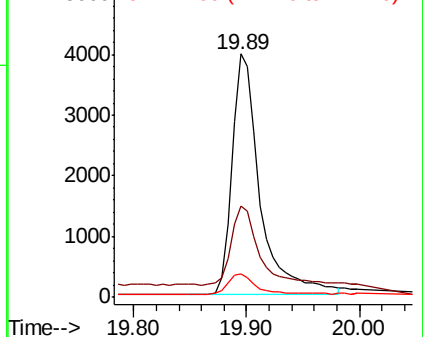
244 100

212 37.7 27.4 41.0

122 9.5 8.3 12.5



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: 0.367 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

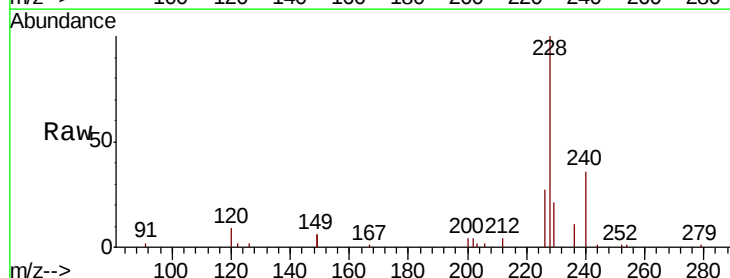
Tgt Ion:228 Resp: 7874

Ion Ratio Lower Upper

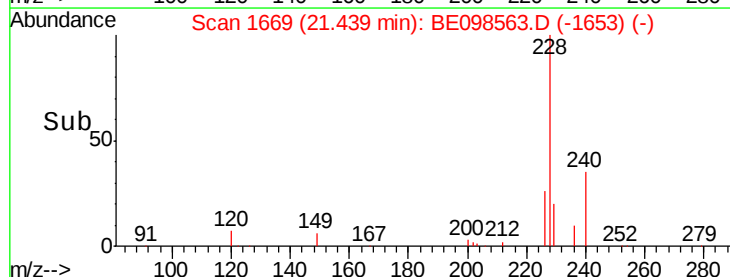
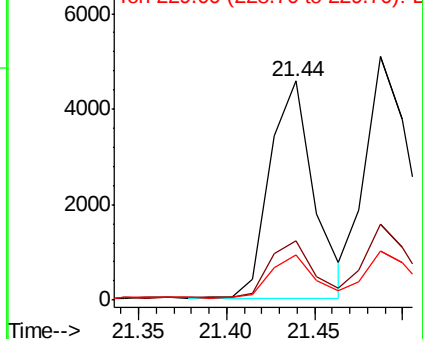
228 100

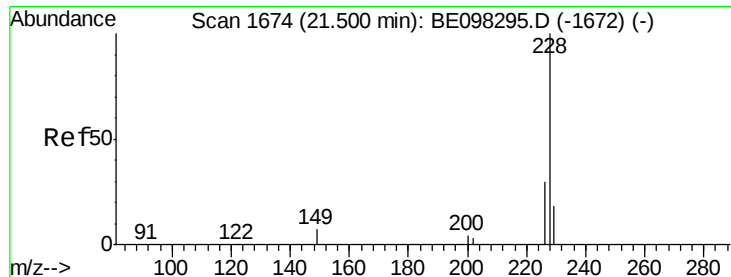
226 27.0 21.8 32.8

229 20.8 16.3 24.5



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: 0.400 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

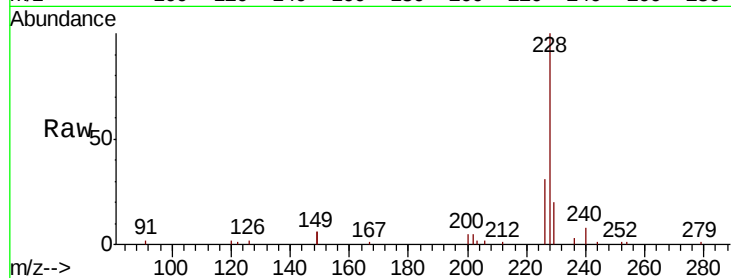
Tot Ion:228 Resp: 9000

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.0

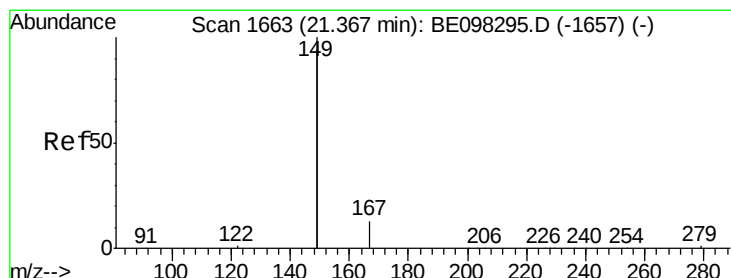
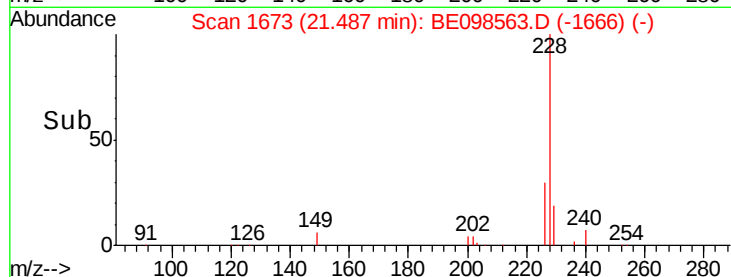
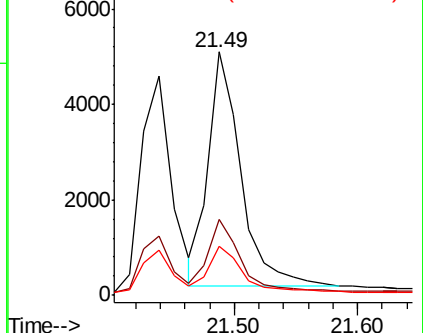
229 20.0 16.2 24.4



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: 0.295 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

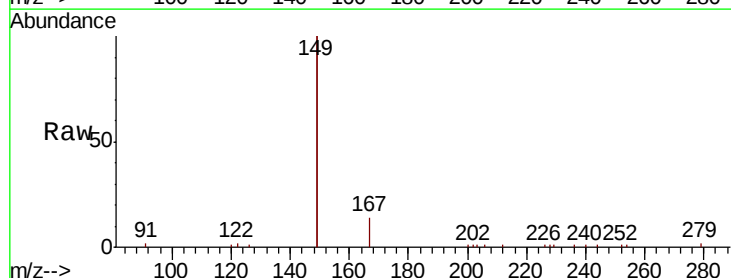
Tgt Ion:149 Resp: 12886

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

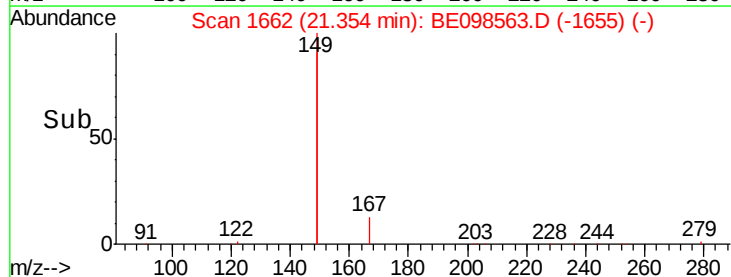
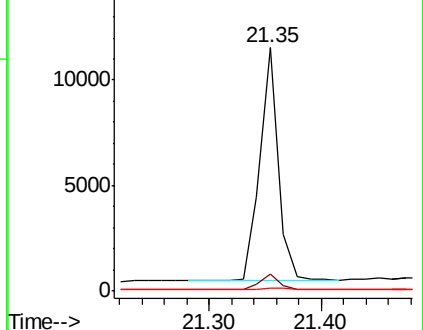
279 1.3 1.0 1.4

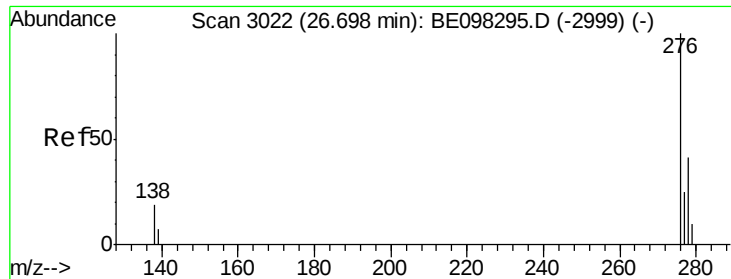


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

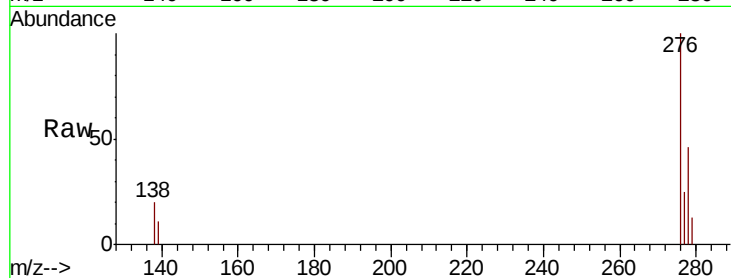




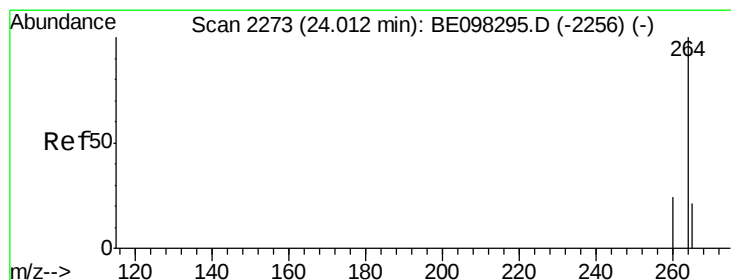
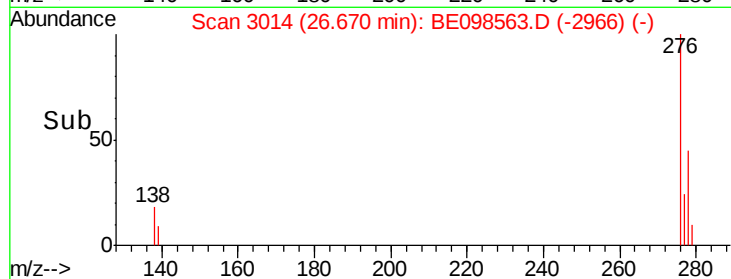
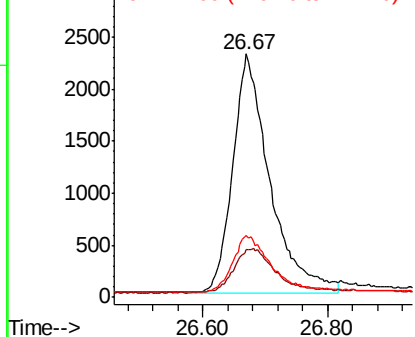
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.421 ng
 RT: 26.67 min Scan# 3014
 Delta R.T. -0.03 min
 Lab File: BE098563.D
 Acq: 26 Dec 2018 13:24

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

Tot Ion:276 Resp: 9434
 Ion Ratio Lower Upper
 276 100
 138 19.9 16.3 24.5
 277 25.0 20.2 30.4

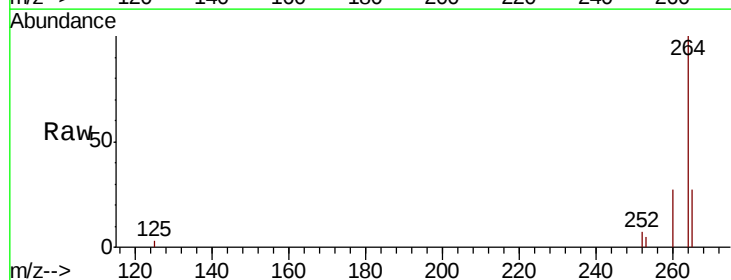


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

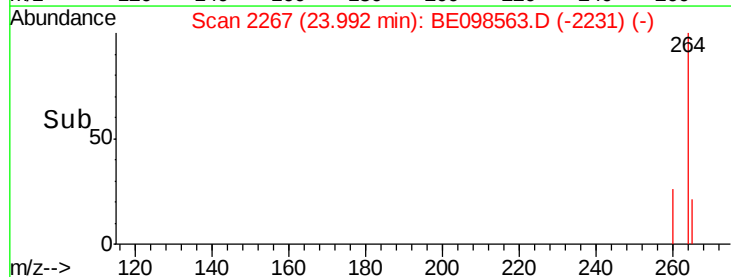
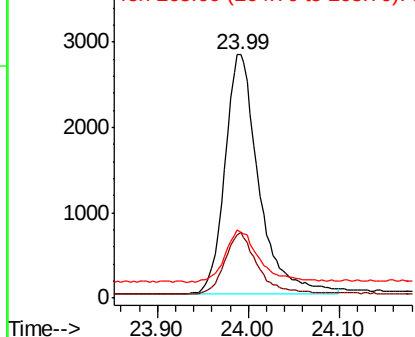


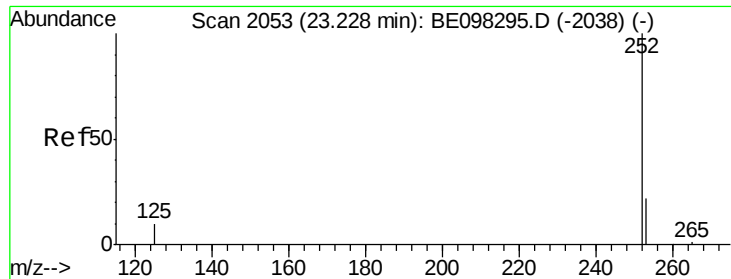
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.99 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BE098563.D
 Acq: 26 Dec 2018 13:24

Tgt Ion:264 Resp: 7281
 Ion Ratio Lower Upper
 264 100
 260 27.2 20.2 30.2
 265 27.0 25.2 37.8



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

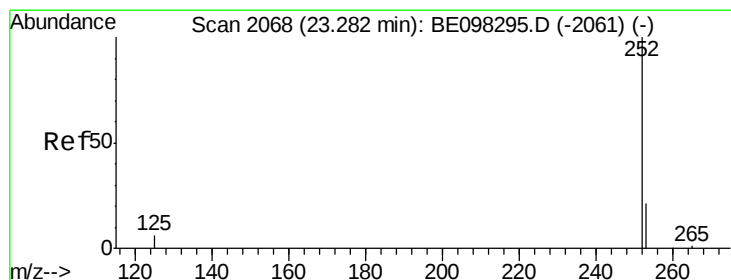
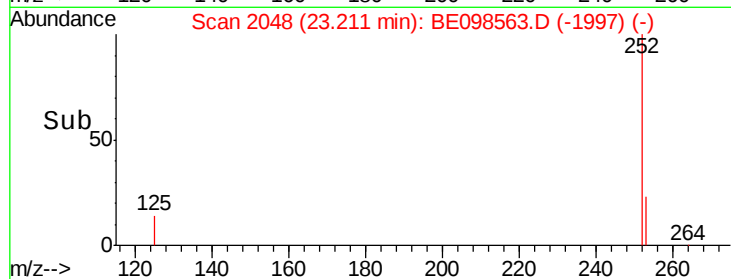
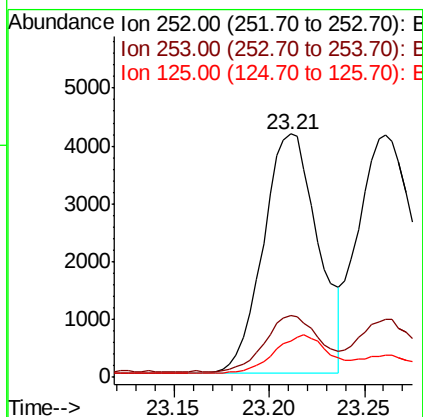
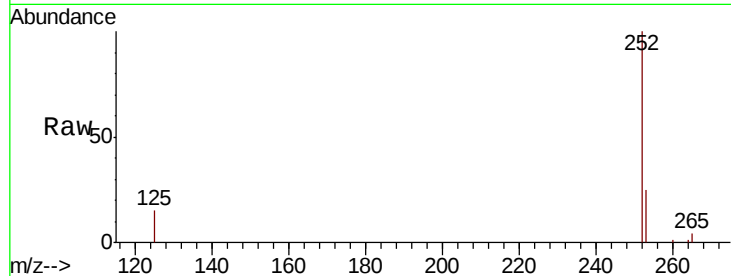




#35
Benzo(b)fluoranthene
Concen: 0.418 ng
RT: 23.21 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BE098563.D
Acq: 26 Dec 2018 13:24

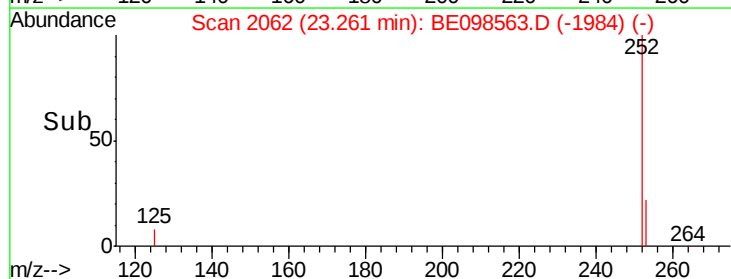
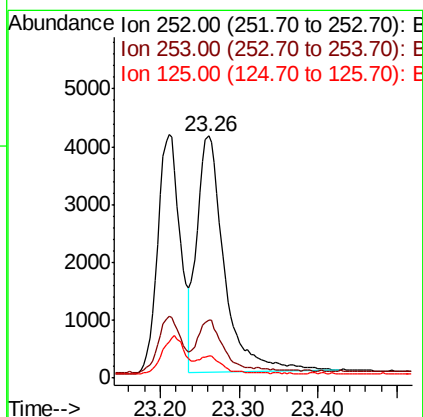
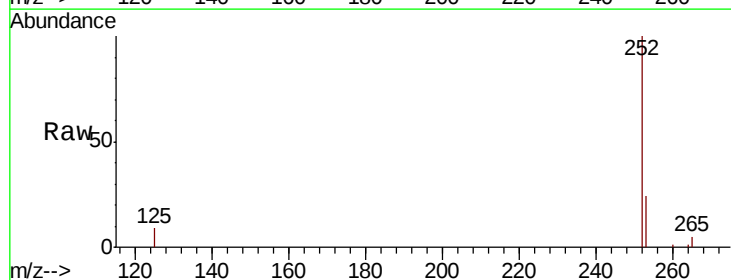
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

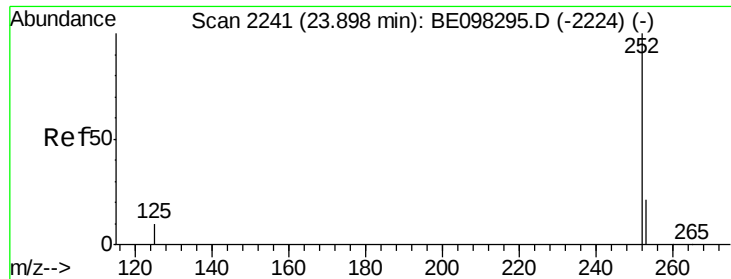
Tot Ion:252 Resp: 8314
Ion Ratio Lower Upper
252 100
253 25.3 20.0 30.0
125 15.0 9.6 14.4#



#36
Benzo(k)fluoranthene
Concen: 0.426 ng
RT: 23.26 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BE098563.D
Acq: 26 Dec 2018 13:24

Tgt Ion:252 Resp: 9884
Ion Ratio Lower Upper
252 100
253 24.0 19.0 28.6
125 9.2 9.1 13.7





#37

Benzo(a)pyrene

Concen: 0.413 ng

RT: 23.88 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

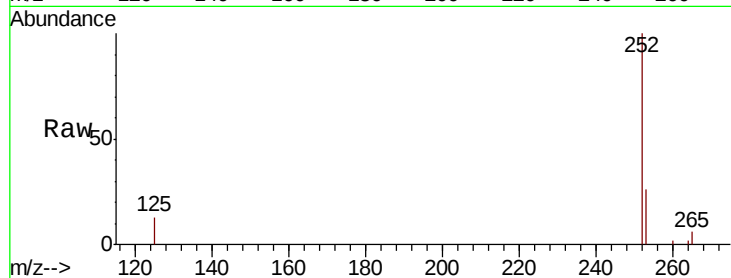
Tot Ion:252 Resp: 8476

Ion Ratio Lower Upper

252 100

253 25.8 20.6 30.8

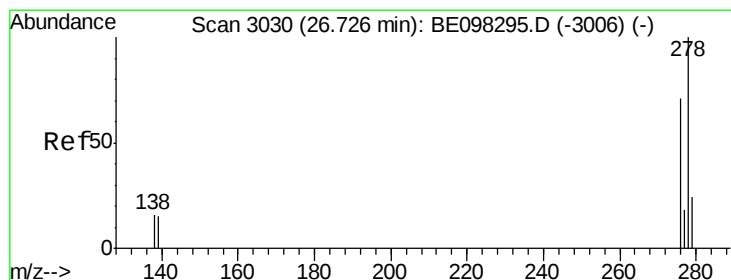
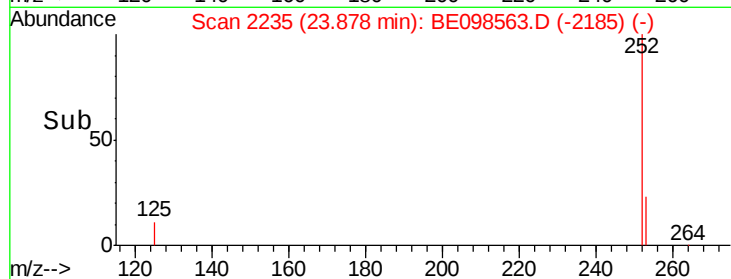
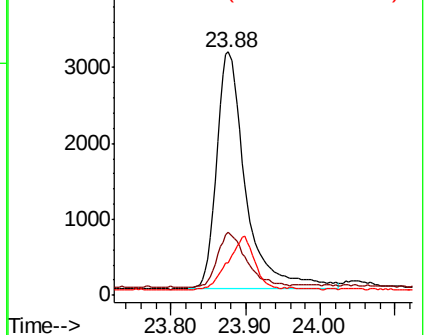
125 13.4 10.5 15.7



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: 0.409 ng

RT: 26.70 min Scan# 3022

Delta R.T. -0.03 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

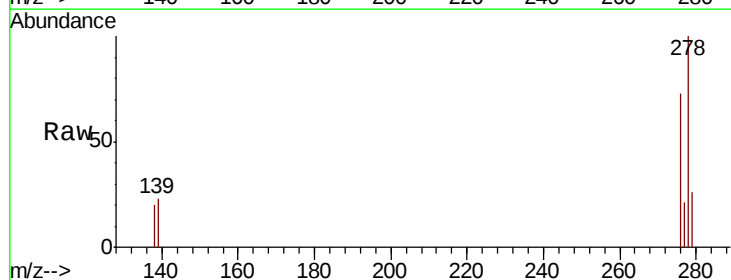
Tgt Ion:278 Resp: 7914

Ion Ratio Lower Upper

278 100

139 22.6 14.5 21.7#

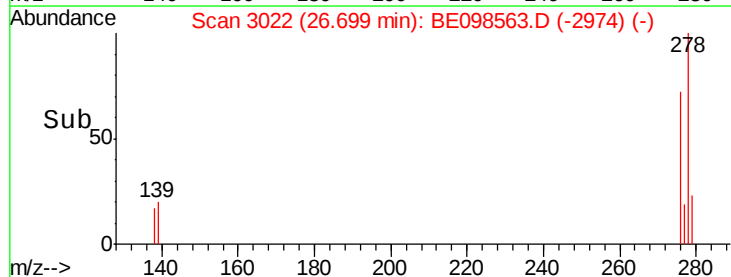
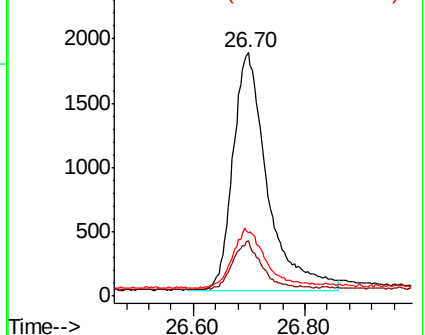
279 25.9 21.8 32.8

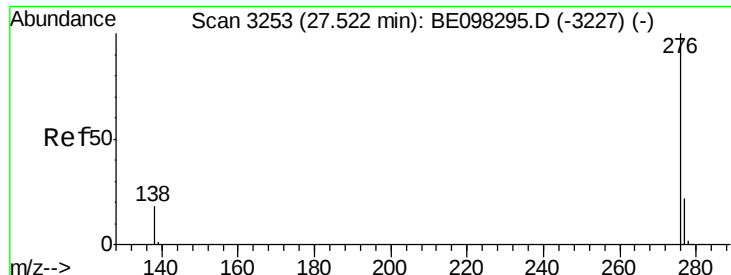


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.412 ng

RT: 27.49 min Scan# 3245

Delta R.T. -0.03 min

Lab File: BE098563.D

Acq: 26 Dec 2018 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

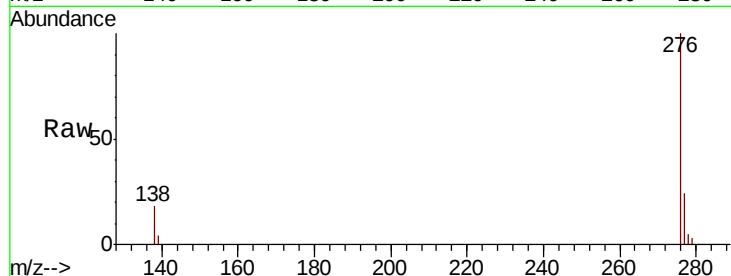
Tot Ion: 276 Resp: 8027

Ion Ratio Lower Upper

276 100

277 23.7 20.8 31.2

138 18.0 15.8 23.6



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

