

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
 Data File : BE098195.D
 Acq On : 12 Nov 2018 18:13
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Nov 13 03:50:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 13:32:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1245	0.40	ng	0.01
7) Naphthalene-d8	10.67	136	5834	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3852	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9171	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10878	0.40	ng	0.00
34) Perylene-d12	24.01	264	10383	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1316	0.37	ng	0.00
5) Phenol-d6	7.04	99	2255	0.40	ng	0.00
8) Nitrobenzene-d5	9.02	82	2334	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4031	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	613	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5957	0.37	ng	0.00
25) Fluoranthene-d10	19.31	212	43960	0.38	ng	0.00
29) Terphenyl-d14	19.91	244	9151	0.37	ng	0.00

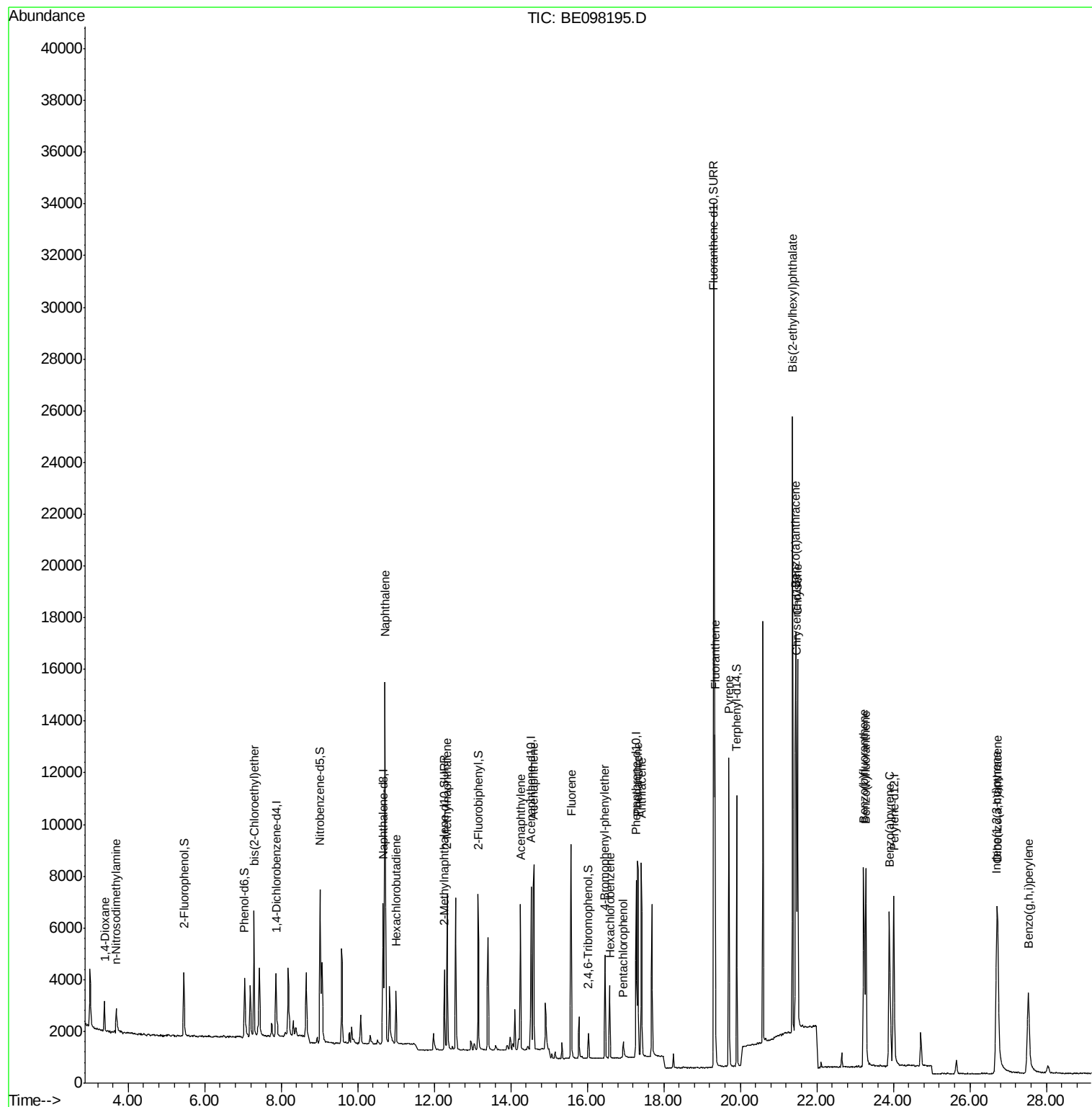
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	717	0.383	ng	97
3) n-Nitrosodimethylamine	3.69	42	862	0.353	ng	99
6) bis(2-Chloroethyl)ether	7.29	93	1672	0.367	ng	97
9) Naphthalene	10.72	128	22996	0.388	ng	99
10) Hexachlorobutadiene	11.00	225	1442	0.391	ng	99
12) 2-Methylnaphthalene	12.34	142	3955	0.384	ng	98
16) Acenaphthylene	14.26	152	6872	0.389	ng	100
17) Acenaphthene	14.60	154	4281	0.397	ng	99
18) Fluorene	15.58	166	5486	0.397	ng	98
20) 4-Bromophenyl-phenylether	16.46	248	2171	0.388	ng	91
21) Hexachlorobenzene	16.59	284	2318	0.399	ng	99
22) Pentachlorophenol	16.94	266	457	0.432	ng	97
23) Phenanthrene	17.31	178	9016	0.395	ng	99
24) Anthracene	17.41	178	8270	0.389	ng	98
26) Fluoranthene	19.34	202	10829	0.383	ng	100
28) Pyrene	19.71	202	11395	0.381	ng	99
30) Benzo(a)anthracene	21.45	228	11782	0.381	ng	99
31) Chrysene	21.50	228	11966	0.381	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	25087	0.391	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	11704	0.407	ng	# 91
35) Benzo(b)fluoranthene	23.23	252	11201	0.380	ng	99
36) Benzo(k)fluoranthene	23.28	252	11533	0.371	ng	99
37) Benzo(a)pyrene	23.90	252	10542	0.373	ng	98
38) Dibenzo(a,h)anthracene	26.73	278	9484	0.394	ng	98
39) Benzo(g,h,i)perylene	27.53	276	9442	0.376	ng	98

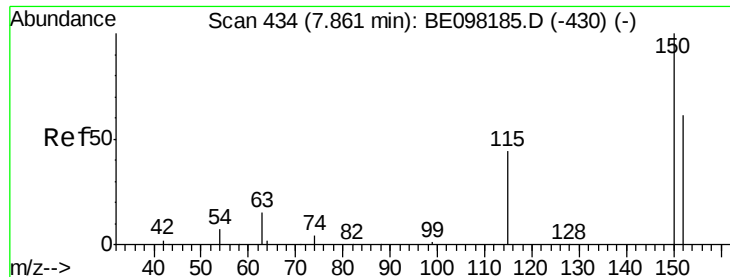
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 13 03:50:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
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QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. 0.01 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

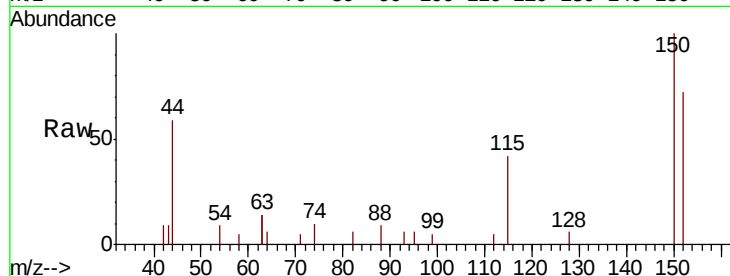
Tgt Ion: 152 Resp: 1245

Ion Ratio Lower Upper

152 100

150 139.6 127.5 191.3

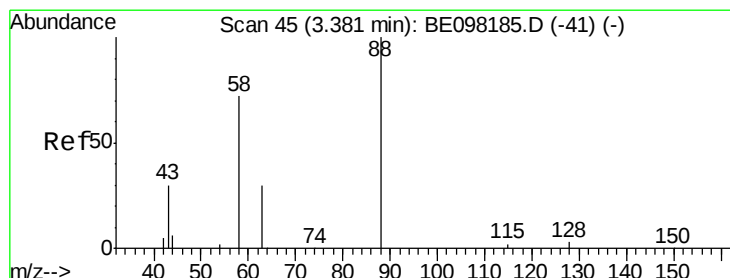
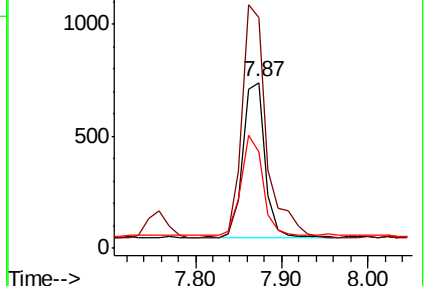
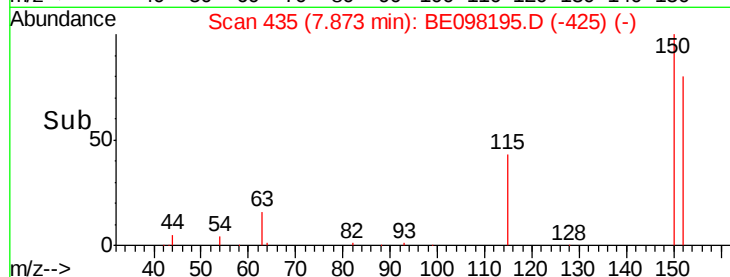
115 58.4 60.3 90.5#



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: 0.383 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

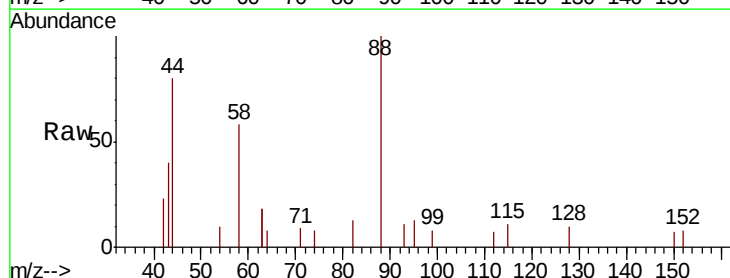
Tgt Ion: 88 Resp: 717

Ion Ratio Lower Upper

88 100

58 95.4 79.0 118.4

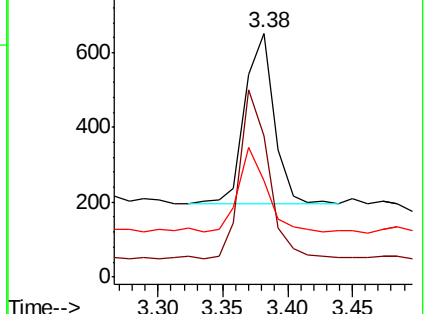
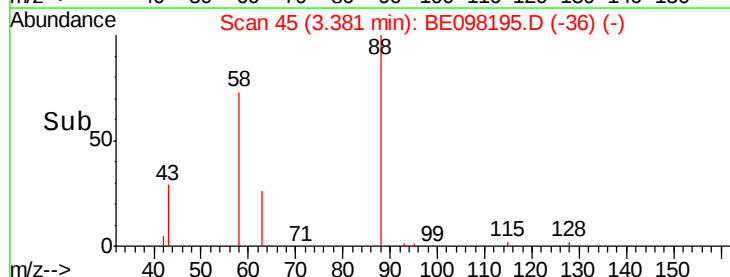
43 48.5 38.1 57.1

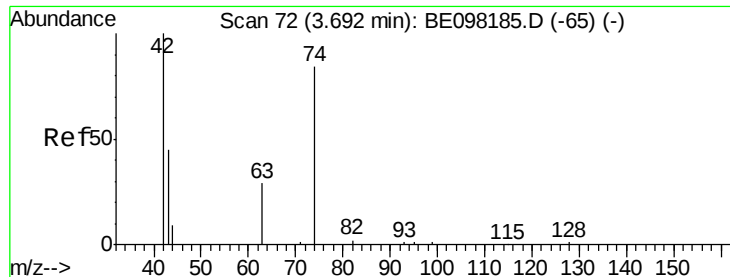


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.353 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

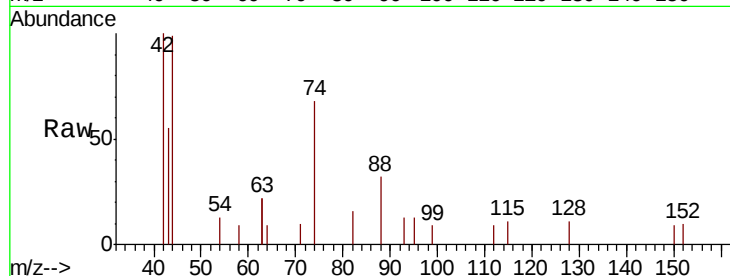
Tgt Ion: 42 Resp: 862

Ion Ratio Lower Upper

42 100

74 77.7 61.7 92.5

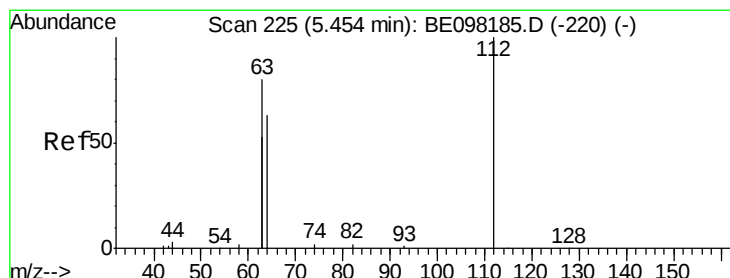
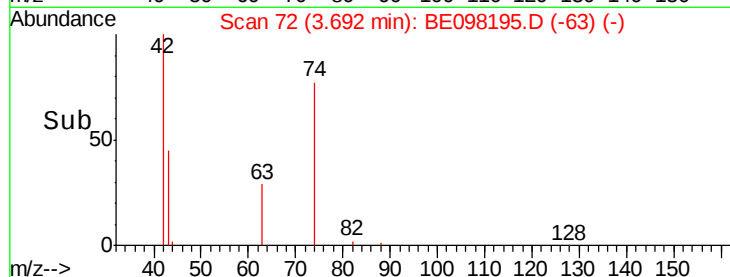
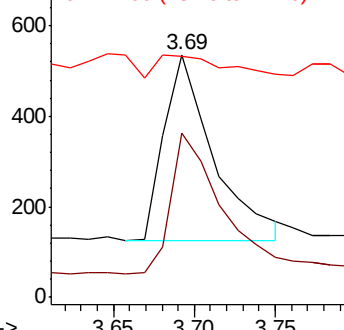
44 17.6 14.0 21.0



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: 0.374 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

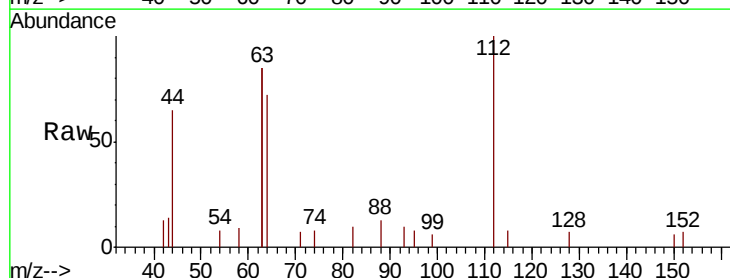
Tgt Ion: 112 Resp: 1316

Ion Ratio Lower Upper

112 100

64 82.4 61.7 92.5

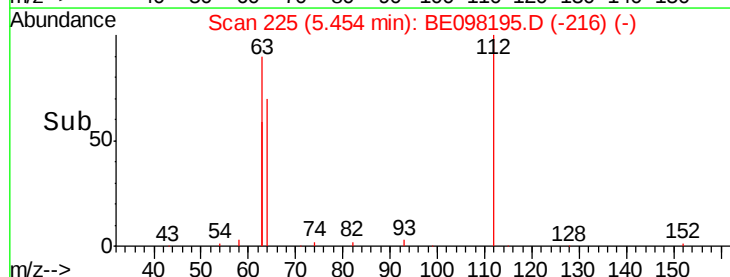
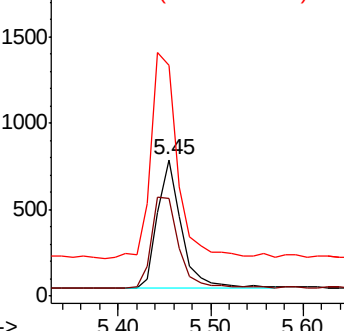
63 179.4 136.2 204.2

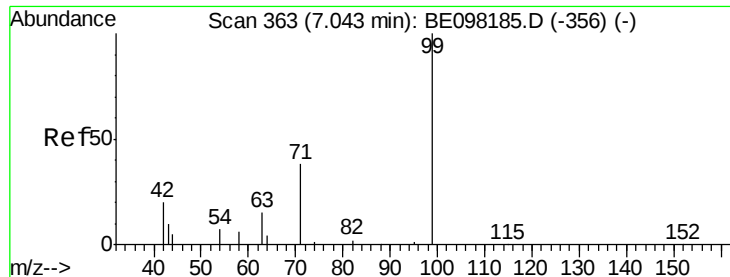


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.399 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

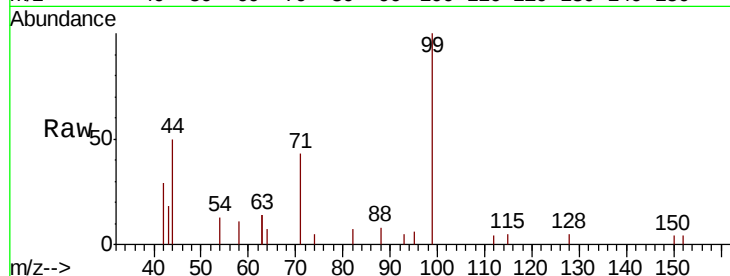
Tgt Ion: 99 Resp: 2255

Ion Ratio Lower Upper

99 100

42 33.3 27.1 40.7

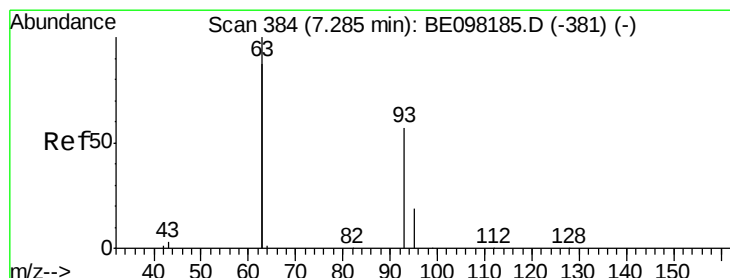
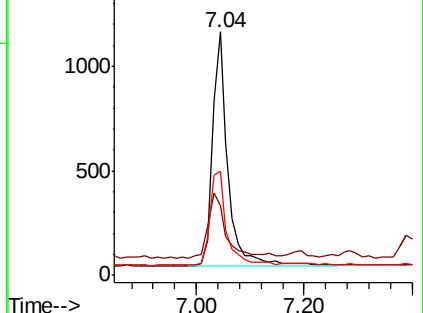
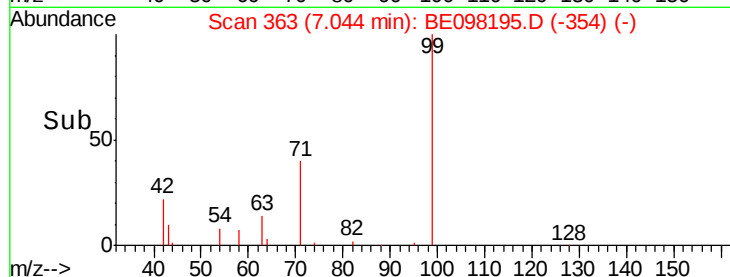
71 42.5 37.0 55.6



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: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

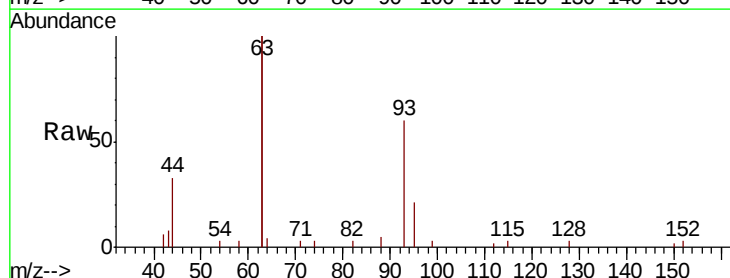
Tgt Ion: 93 Resp: 1672

Ion Ratio Lower Upper

93 100

63 335.1 272.6 409.0

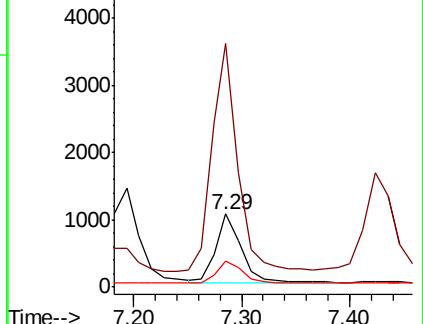
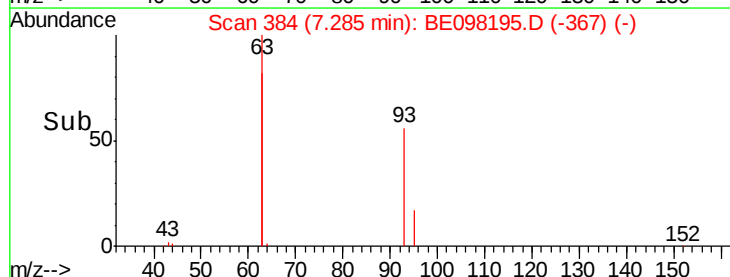
95 32.5 27.1 40.7

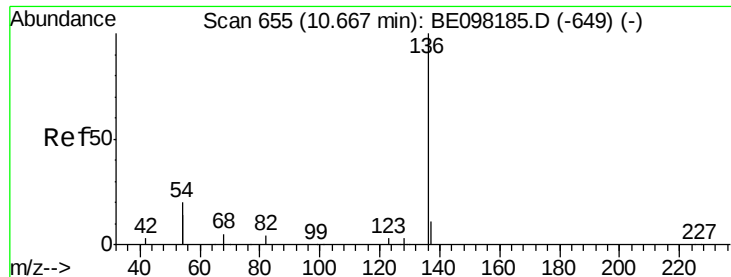


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098195.D

Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 5834

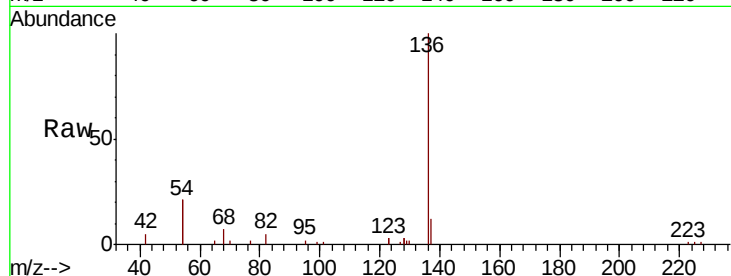
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 41.5 31.3 46.9

68 6.8 4.8 7.2

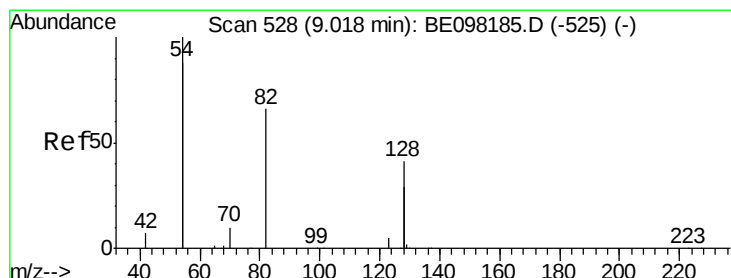
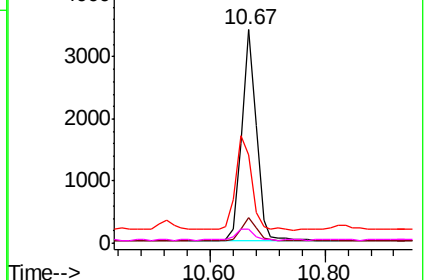
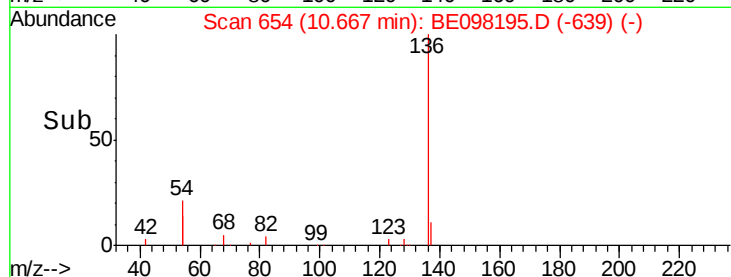


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.401 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

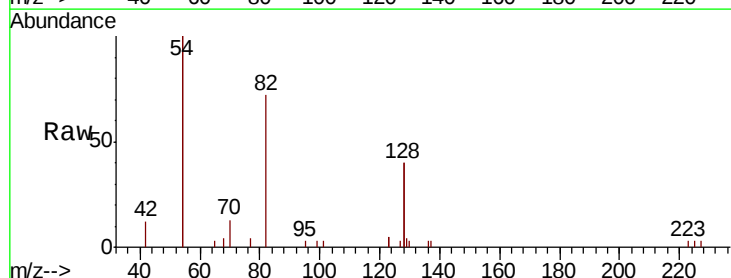
Tgt Ion: 82 Resp: 2334

Ion Ratio Lower Upper

82 100

128 111.3 96.1 144.1

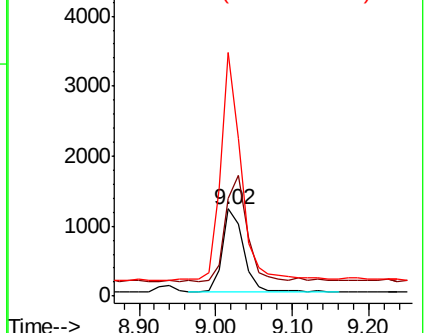
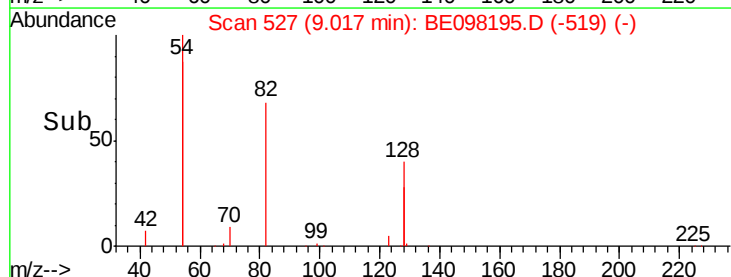
54 278.9 232.0 348.0

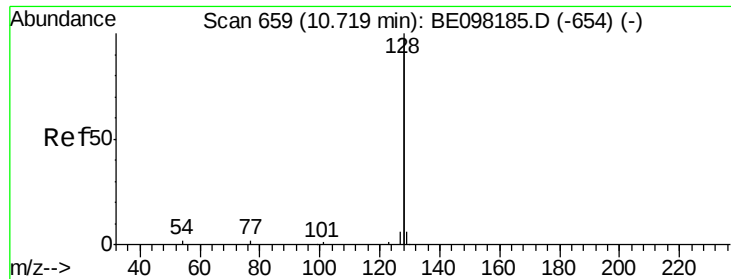


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.388 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

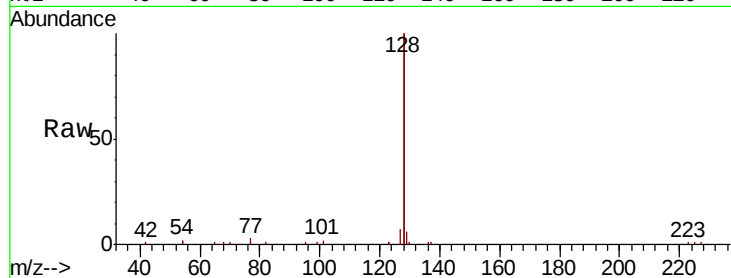
Tgt Ion:128 Resp: 22996

Ion Ratio Lower Upper

128 100

129 3.0 2.6 4.0

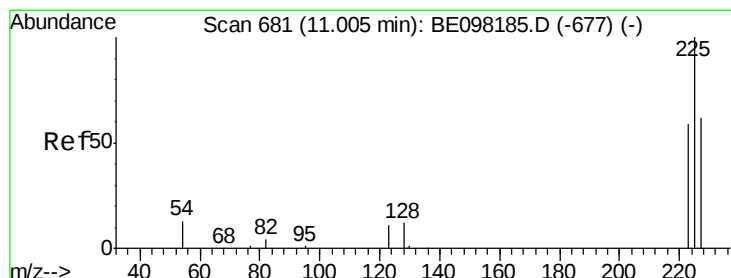
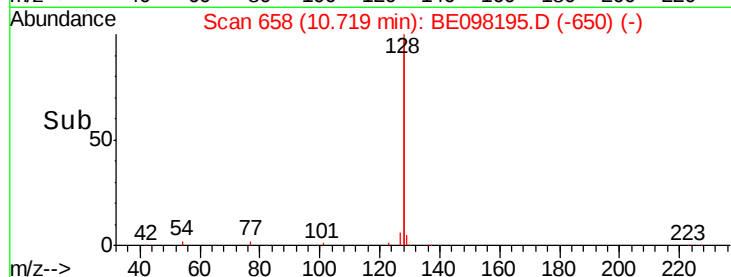
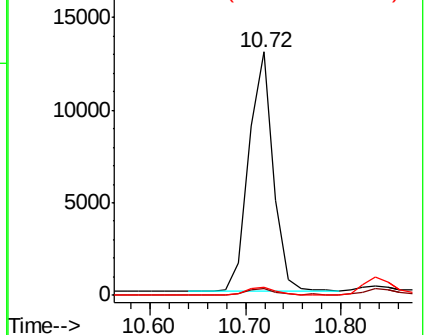
127 3.6 2.8 4.2



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: 0.391 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

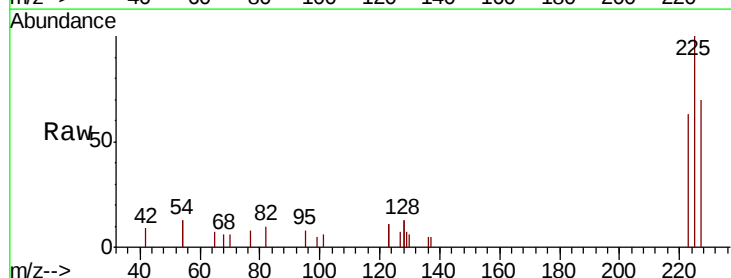
Tgt Ion:225 Resp: 1442

Ion Ratio Lower Upper

225 100

223 61.9 50.5 75.7

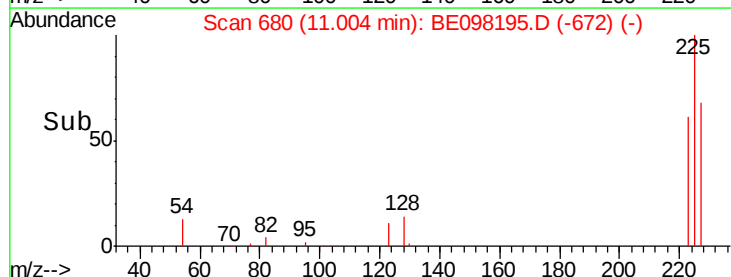
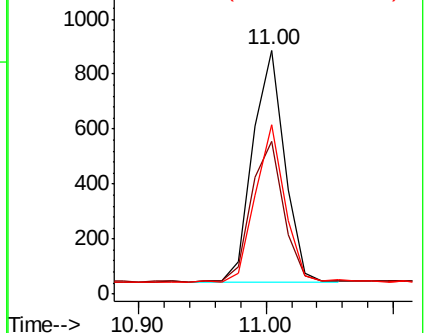
227 63.9 50.3 75.5

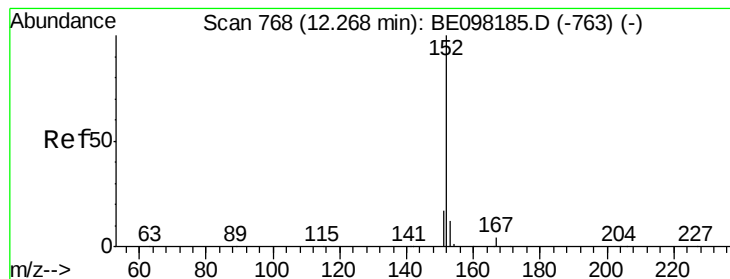


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

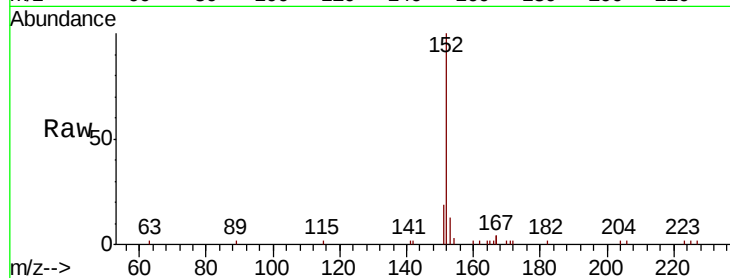
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4031

Ion Ratio Lower Upper

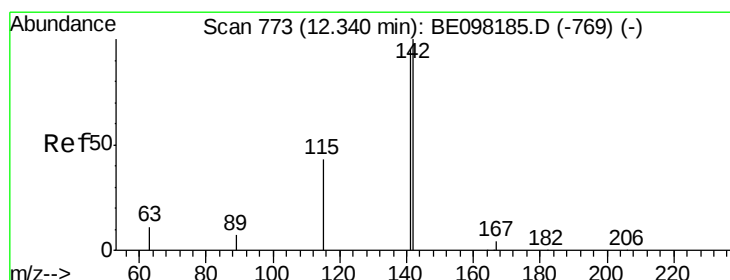
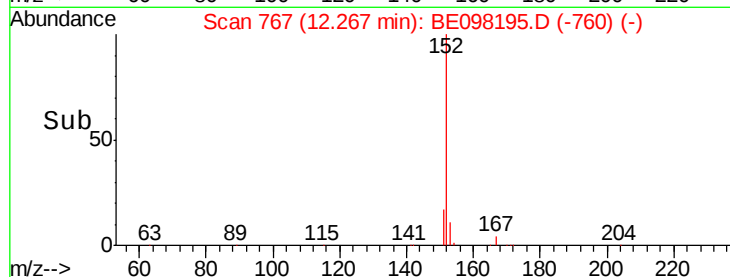
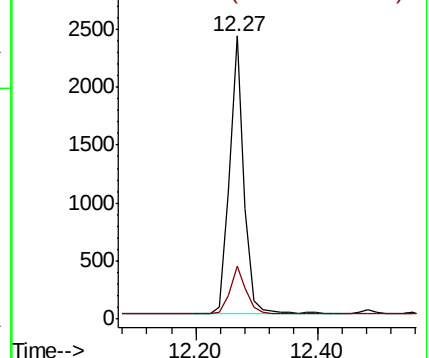
152 100

151 19.0 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.384 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

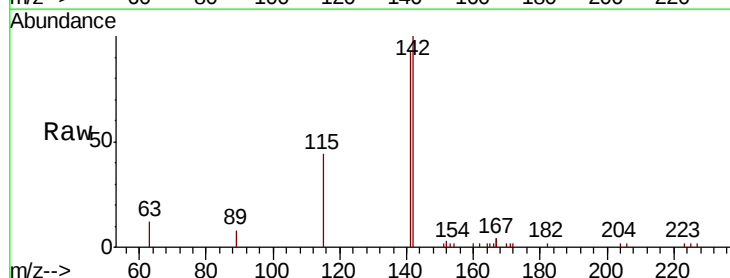
Tgt Ion:142 Resp: 3955

Ion Ratio Lower Upper

142 100

141 92.7 76.3 114.5

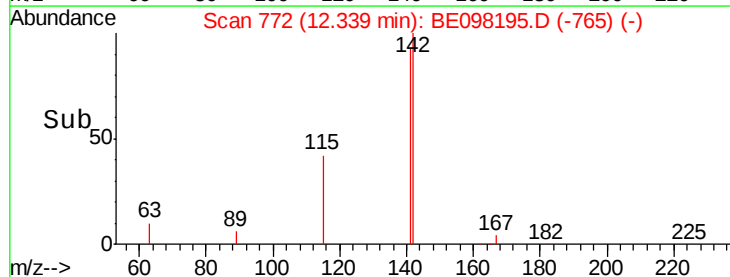
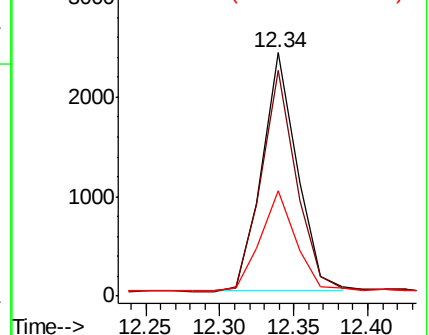
115 43.5 35.8 53.8

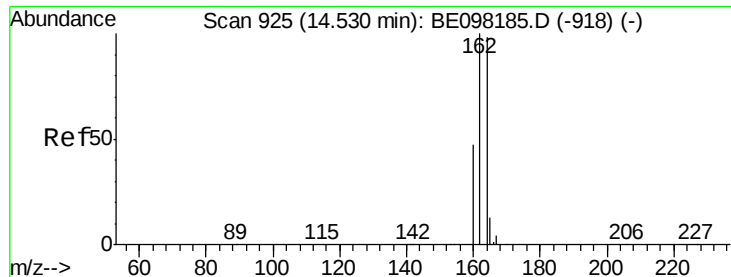


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

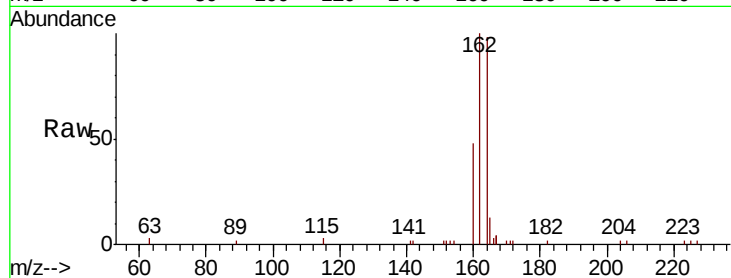




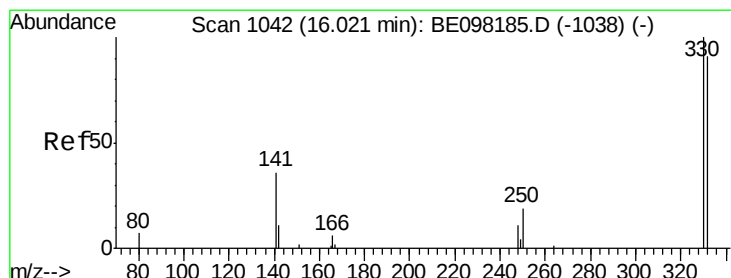
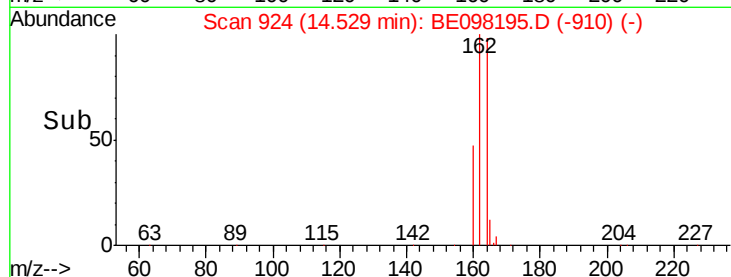
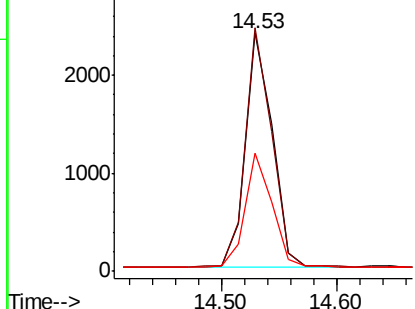
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 3852
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 49.4 39.4 59.0

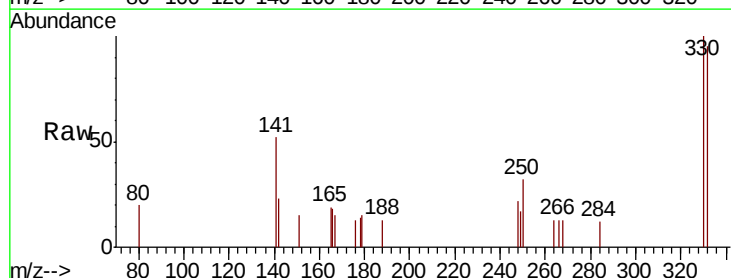


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

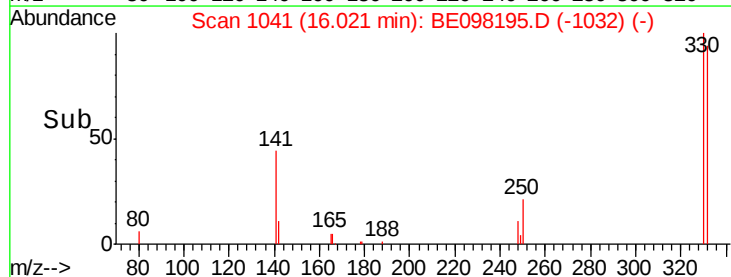
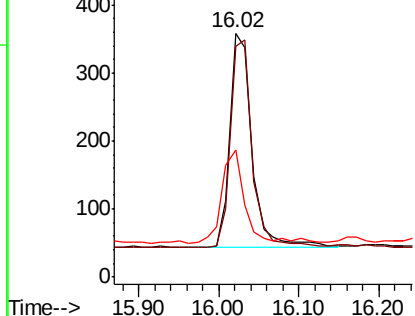


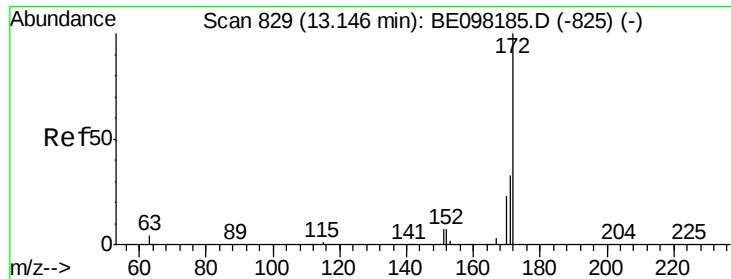
#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:330 Resp: 613
Ion Ratio Lower Upper
330 100
332 95.6 77.7 116.5
141 41.6 33.6 50.4



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

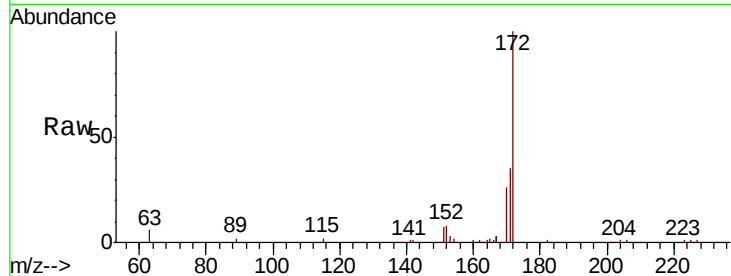




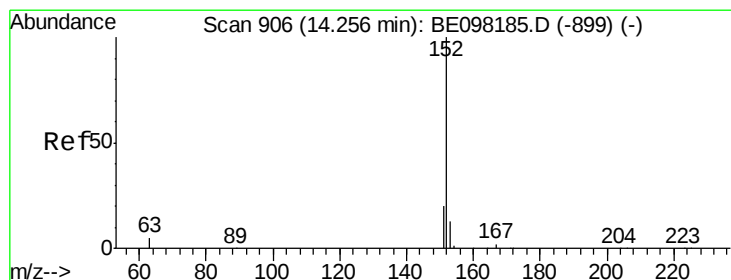
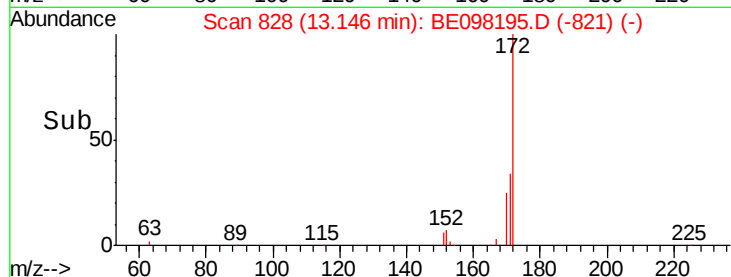
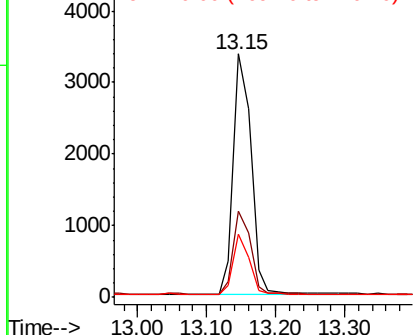
#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 5957
Ion Ratio Lower Upper
172 100
171 35.1 27.3 40.9
170 26.0 19.4 29.0

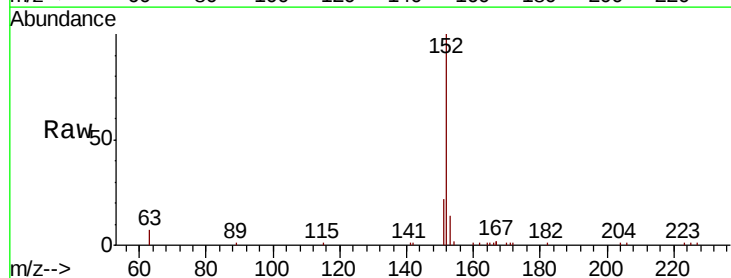


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

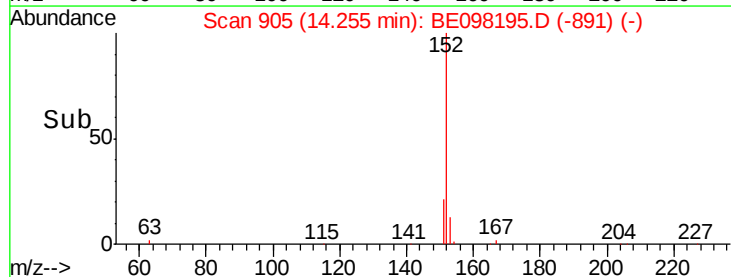
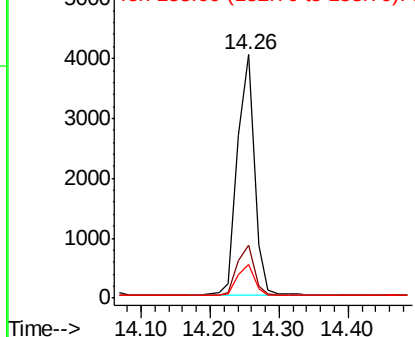


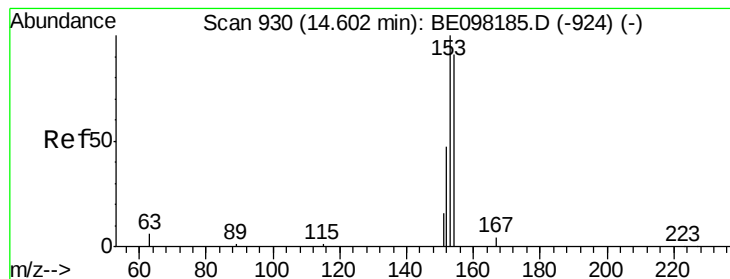
#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098195.D
Acq: 12 Nov 2018 18:13

Tgt Ion:152 Resp: 6872
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 12.9 10.6 15.8



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





#17

Acenaphthene

Concen: 0.397 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

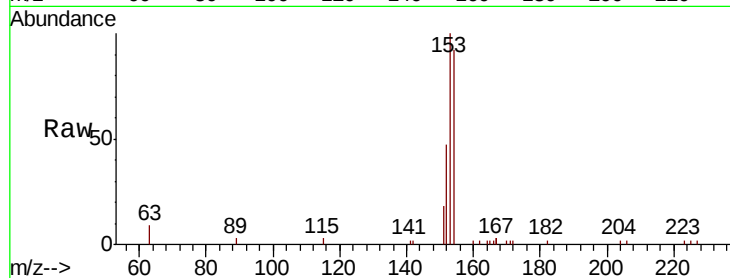
Tgt Ion:154 Resp: 4281

Ion Ratio Lower Upper

154 100

153 114.8 92.1 138.1

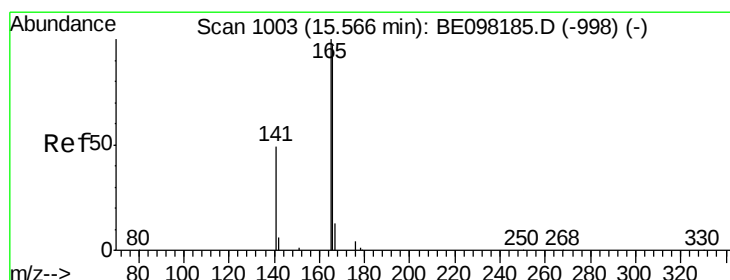
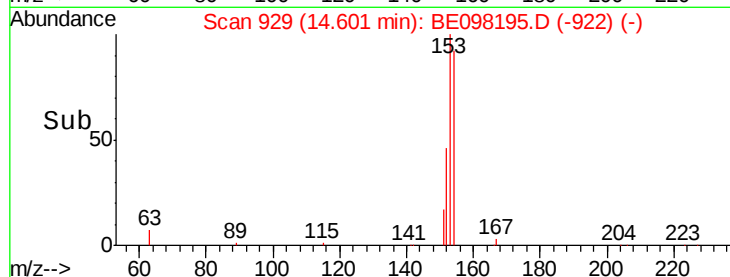
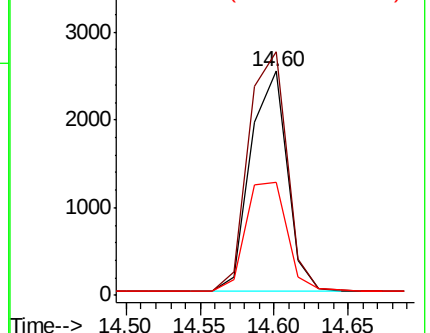
152 55.8 46.2 69.2



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: 0.397 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

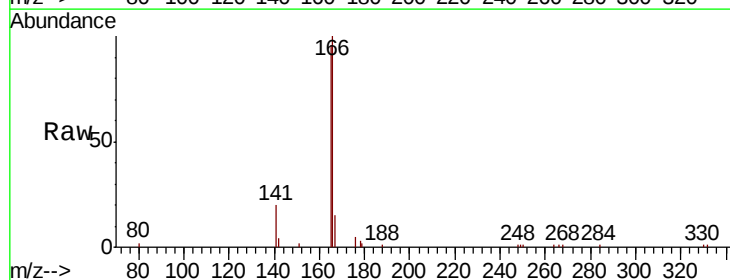
Tgt Ion:166 Resp: 5486

Ion Ratio Lower Upper

166 100

165 98.1 80.1 120.1

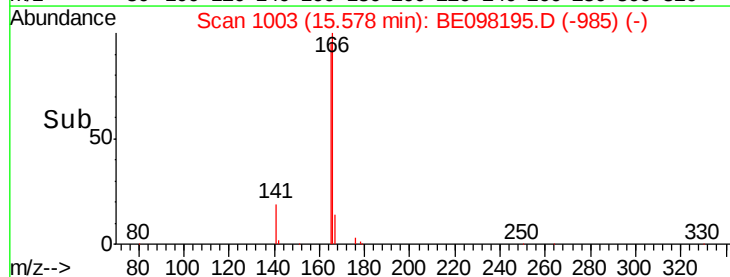
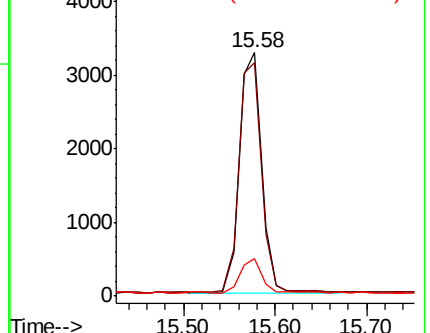
167 13.6 10.8 16.2

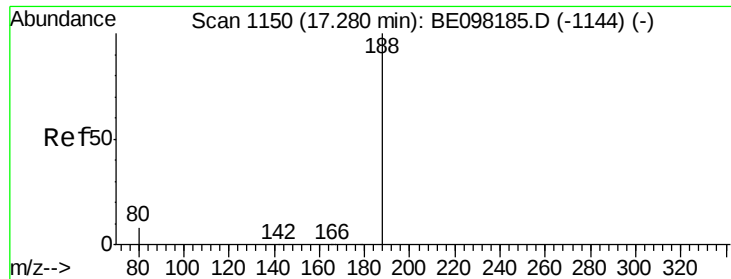


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

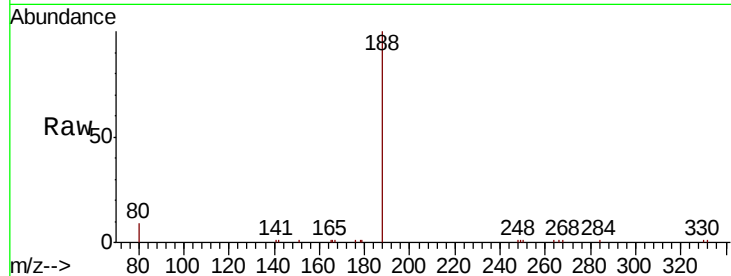
Tgt Ion:188 Resp: 9171

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

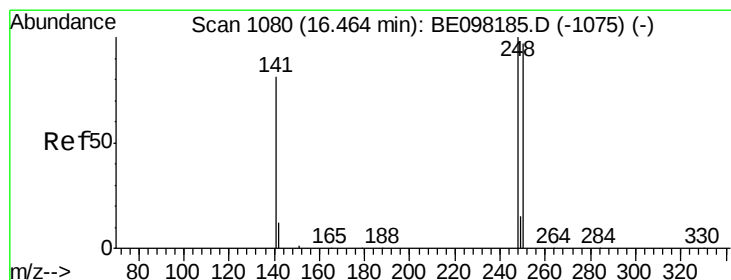
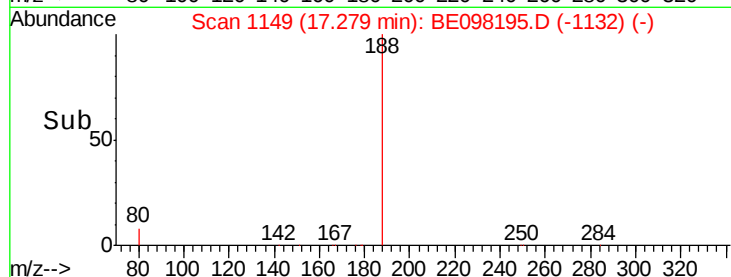
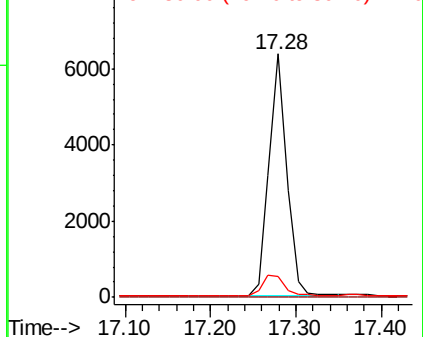
80 8.6 6.7 10.1



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: 0.388 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

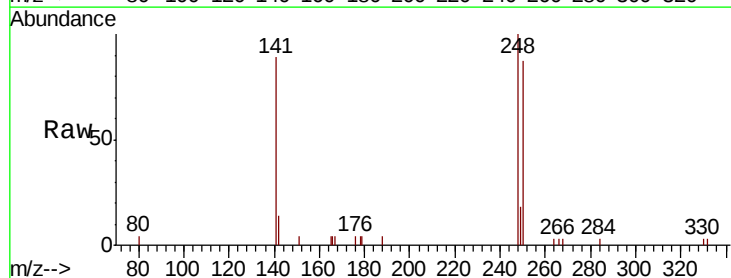
Tgt Ion:248 Resp: 2171

Ion Ratio Lower Upper

248 100

250 87.4 77.6 116.4

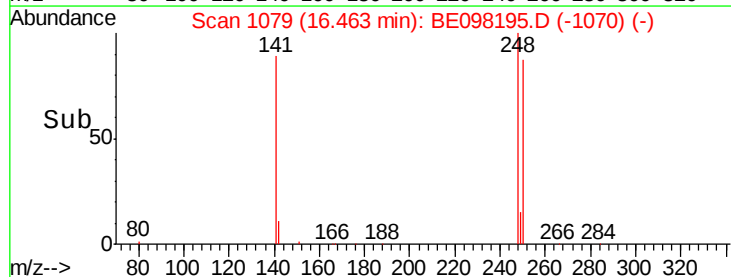
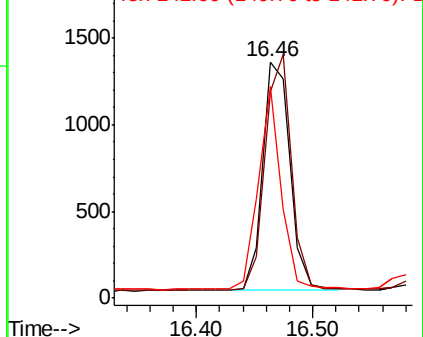
141 89.4 65.8 98.8

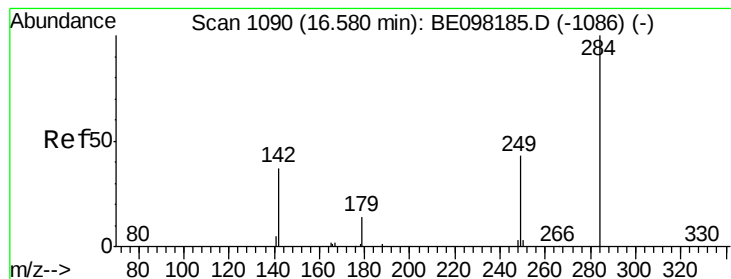


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.399 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

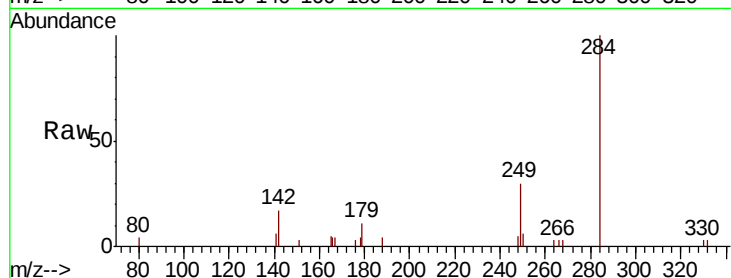
Tgt Ion: 284 Resp: 2318

Ion Ratio Lower Upper

284 100

142 32.5 26.5 39.7

249 34.7 28.4 42.6

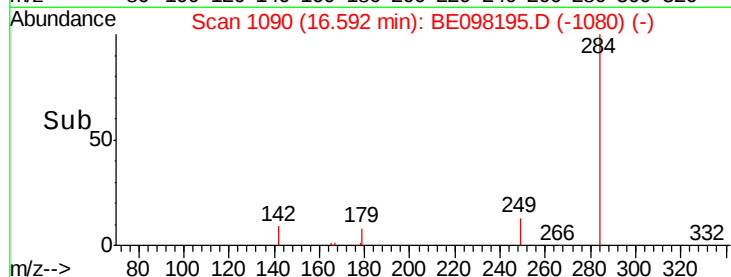


Abundance Ion 283.80 (283.50 to 284.50): E

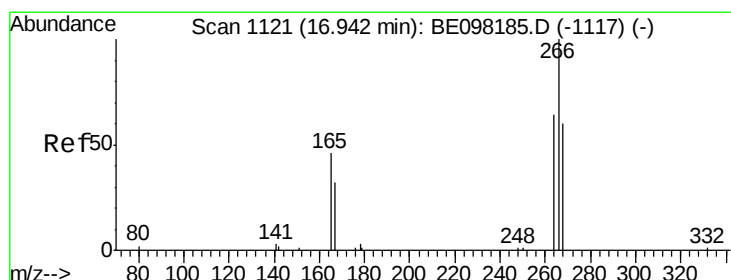
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

16.59



Time-->



#22

Pentachlorophenol

Concen: 0.432 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

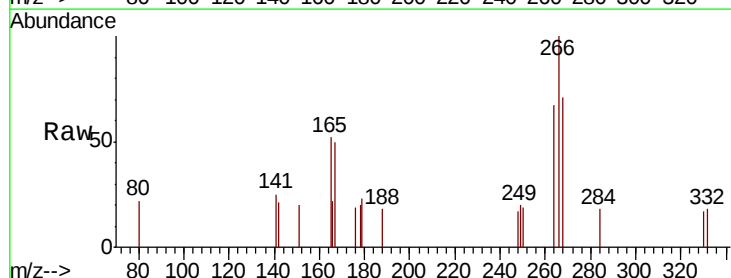
Tgt Ion: 266 Resp: 457

Ion Ratio Lower Upper

266 100

264 66.7 57.6 86.4

268 71.0 56.8 85.2

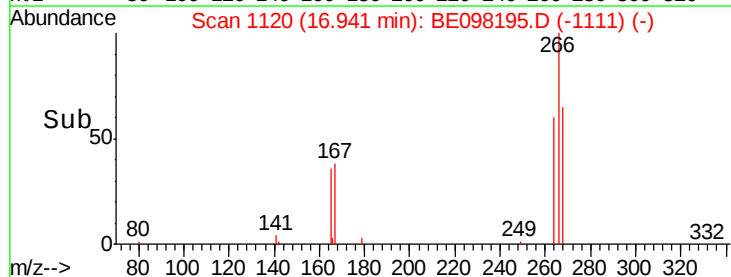


Abundance Ion 266.00 (265.70 to 266.70): E

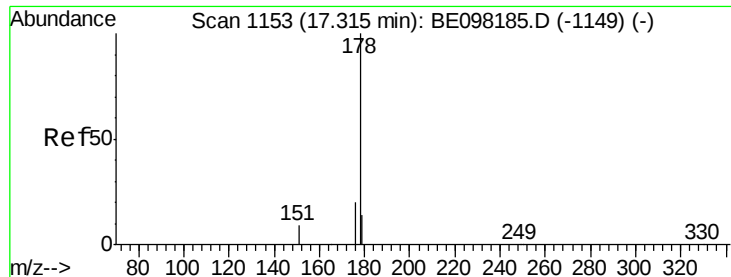
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.94



Time-->



#23

Phenanthrene

Concen: 0.395 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

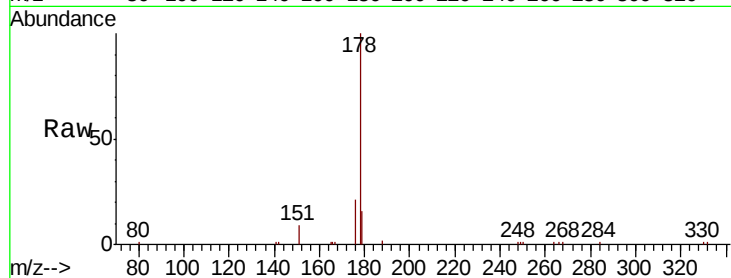
Tgt Ion:178 Resp: 9016

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

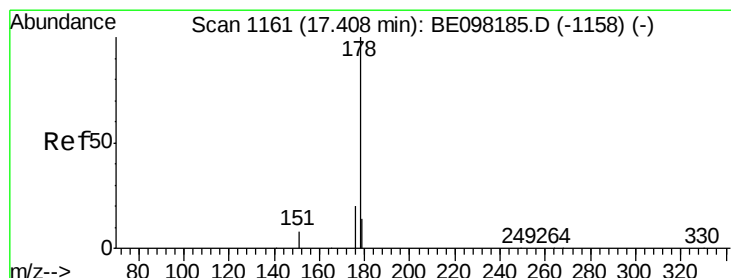
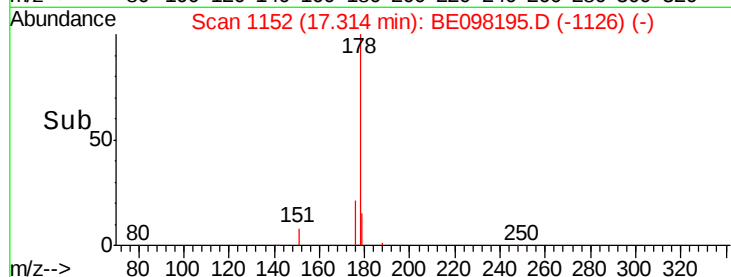
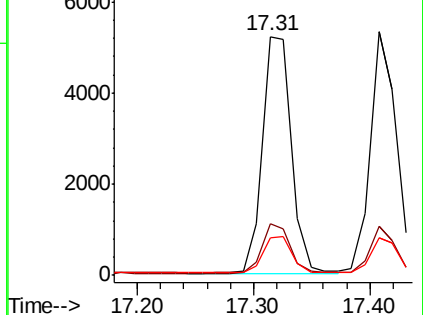
179 15.7 12.3 18.5



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: 0.389 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

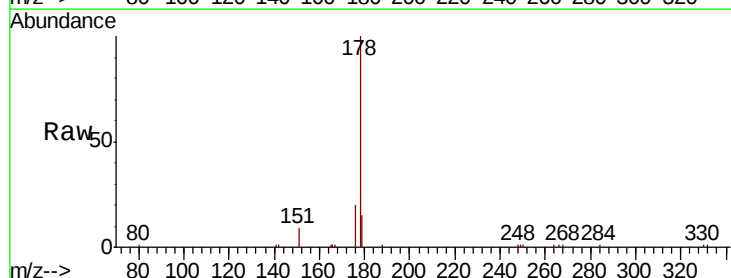
Tgt Ion:178 Resp: 8270

Ion Ratio Lower Upper

178 100

176 18.6 15.7 23.5

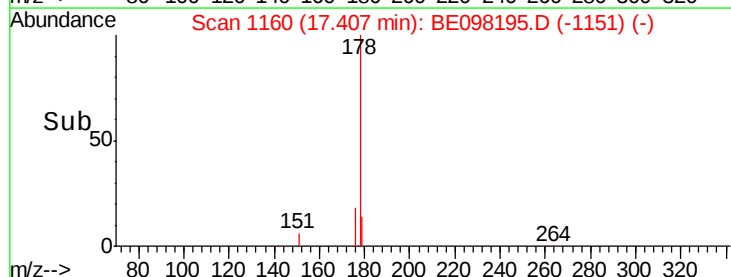
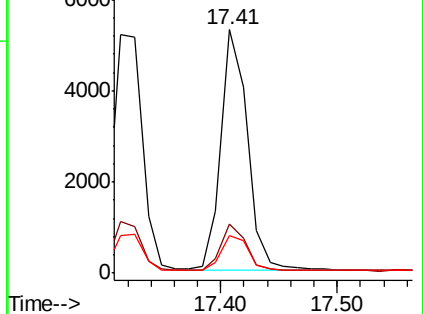
179 15.4 12.1 18.1

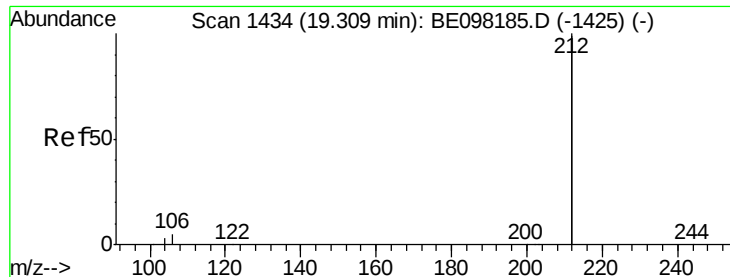


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

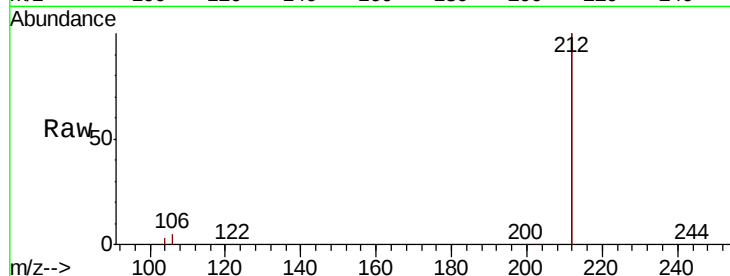
Tgt Ion:212 Resp: 43960

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

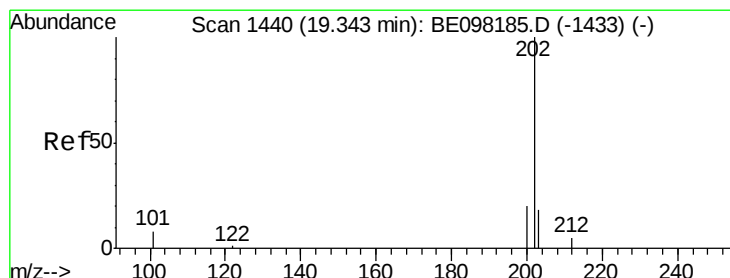
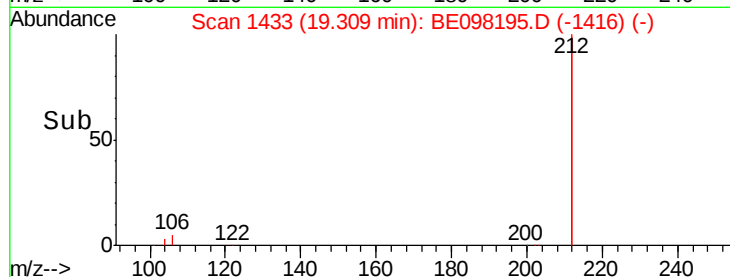
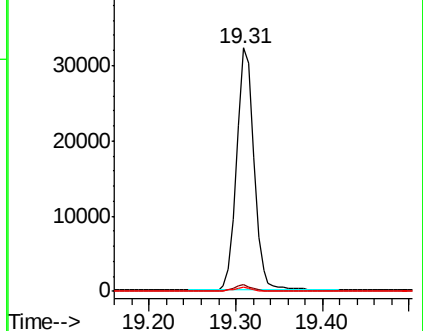
104 1.4 1.1 1.7



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: 0.383 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

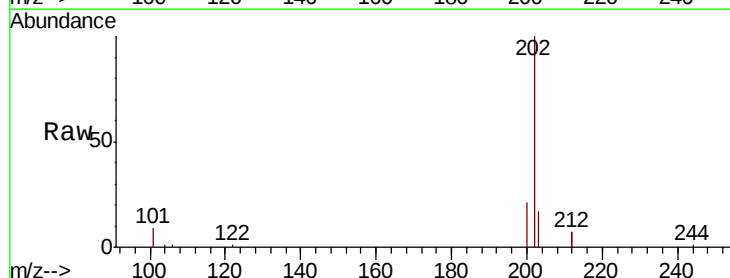
Tgt Ion:202 Resp: 10829

Ion Ratio Lower Upper

202 100

101 8.9 7.0 10.6

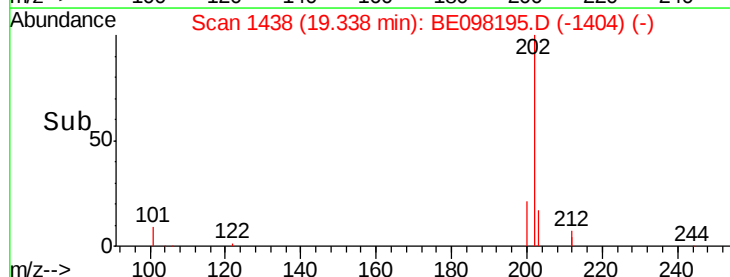
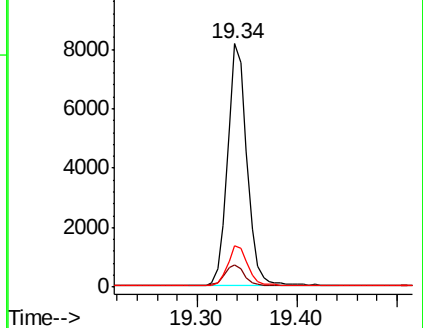
203 17.1 13.7 20.5

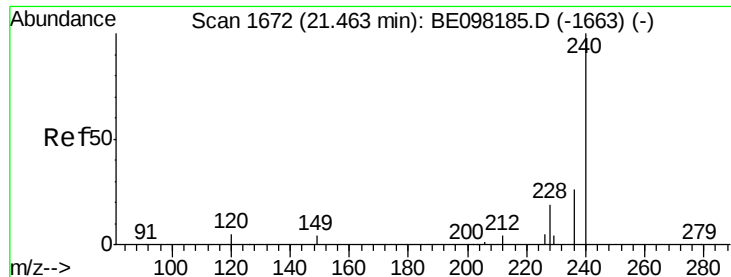


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

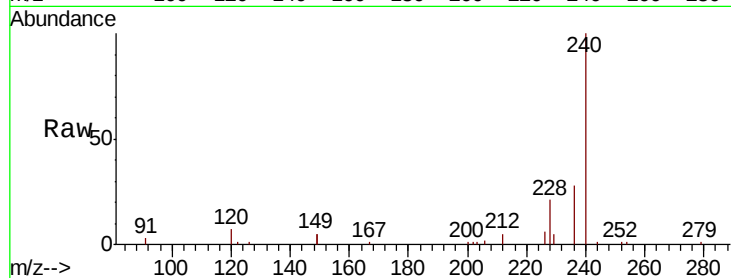
Tgt Ion:240 Resp: 10878

Ion Ratio Lower Upper

240 100

120 7.0 4.8 7.2

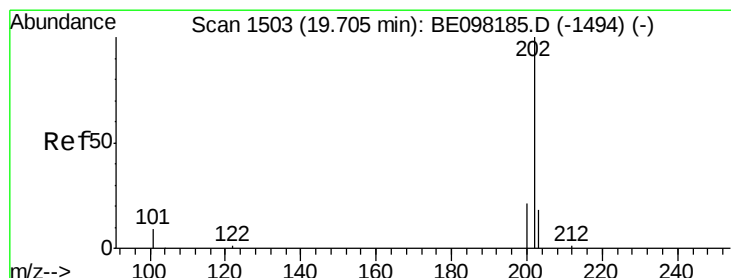
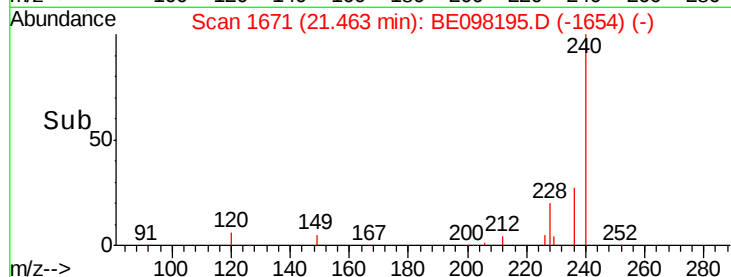
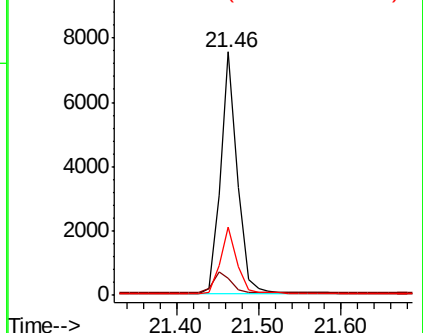
236 27.9 21.4 32.0



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: 0.381 ng

RT: 19.71 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

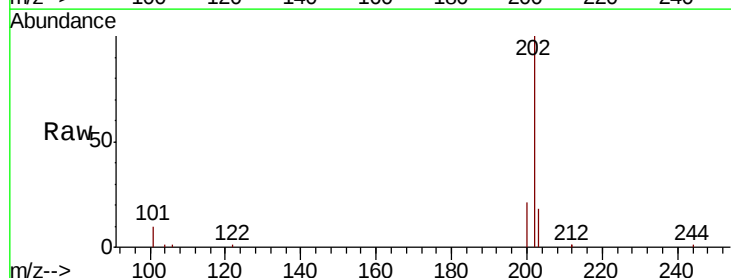
Tgt Ion:202 Resp: 11395

Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

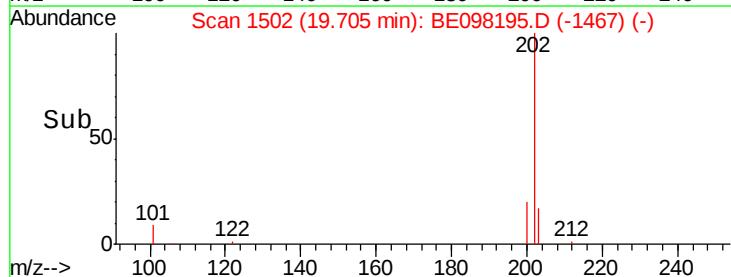
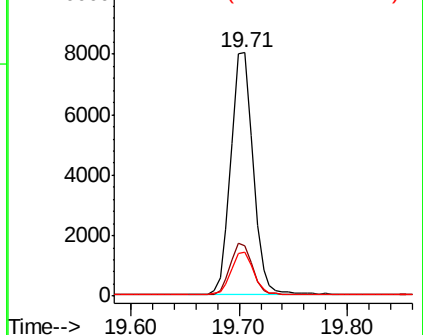
203 17.6 14.2 21.4

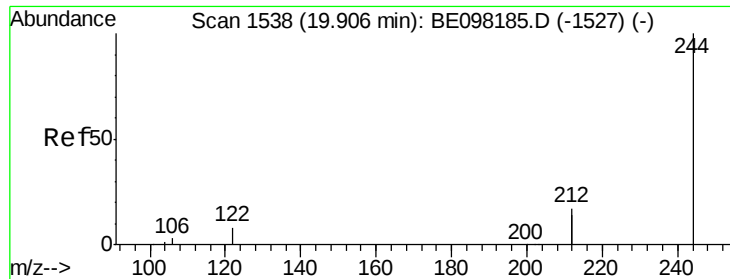


Abundance Ion 202.00 (201.70 to 202.70): E

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: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

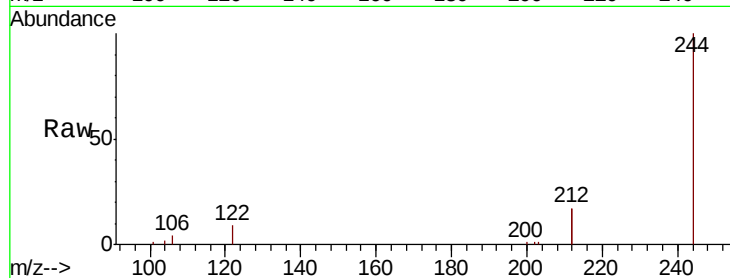
Tgt Ion:244 Resp: 9151

Ion Ratio Lower Upper

244 100

212 34.3 26.8 40.2

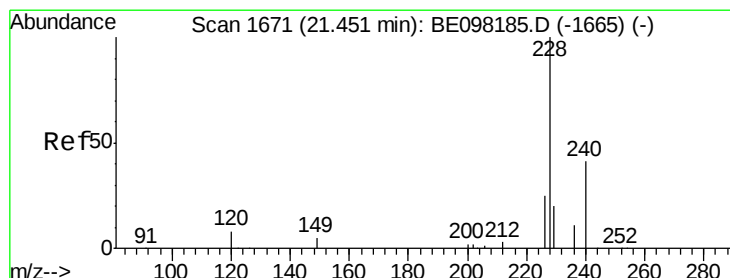
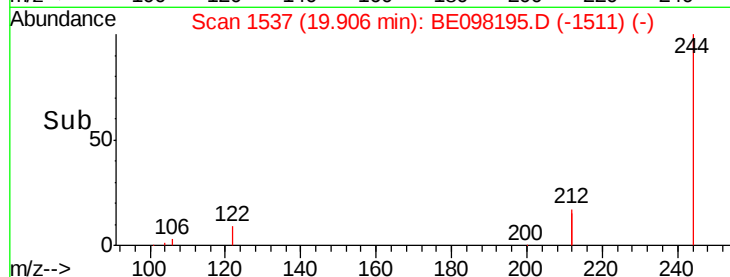
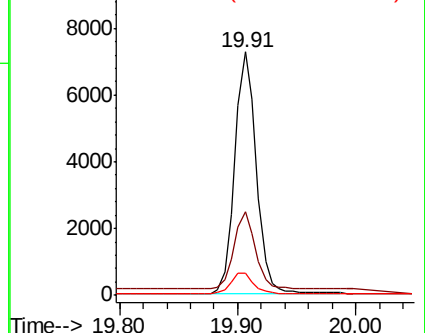
122 9.2 7.0 10.6



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: 0.381 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

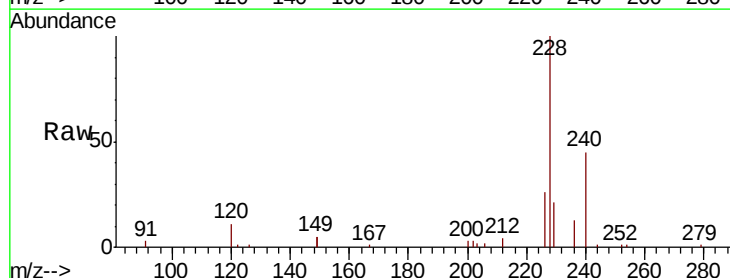
Tgt Ion:228 Resp: 11782

Ion Ratio Lower Upper

228 100

226 25.7 20.7 31.1

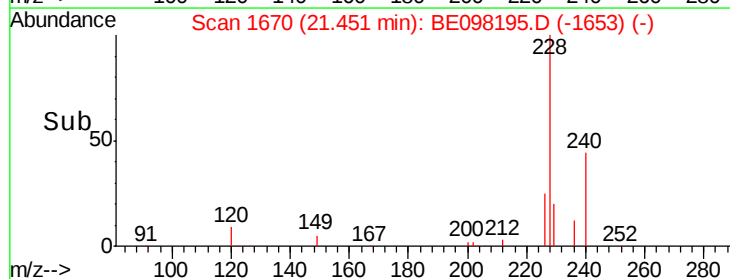
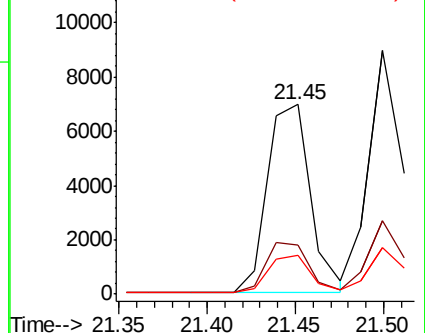
229 20.7 16.2 24.4

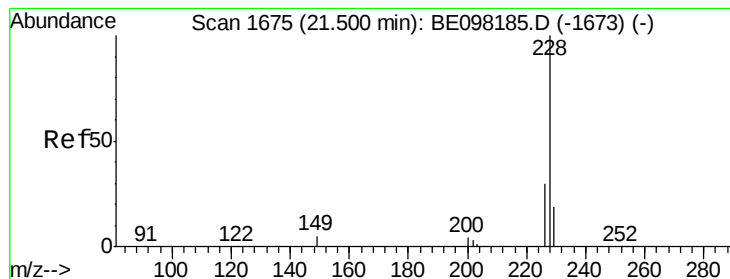


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.381 ng

RT: 21.50 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

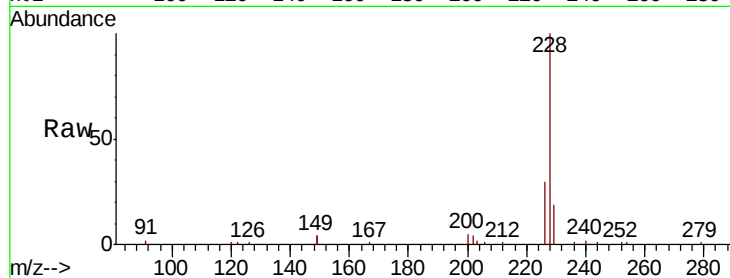
Tgt Ion:228 Resp: 11966

Ion Ratio Lower Upper

228 100

226 30.1 24.6 36.8

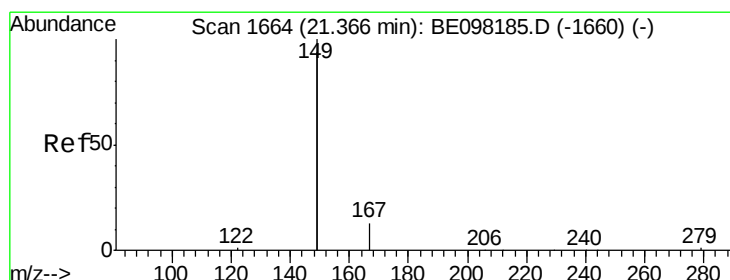
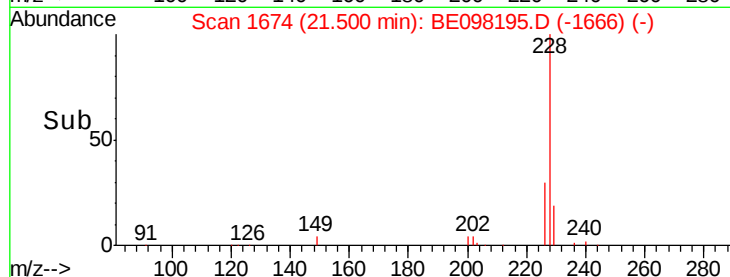
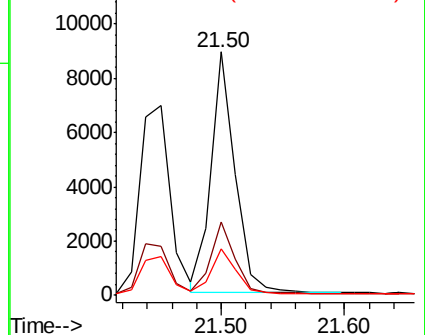
229 19.3 16.0 24.0



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: 0.391 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

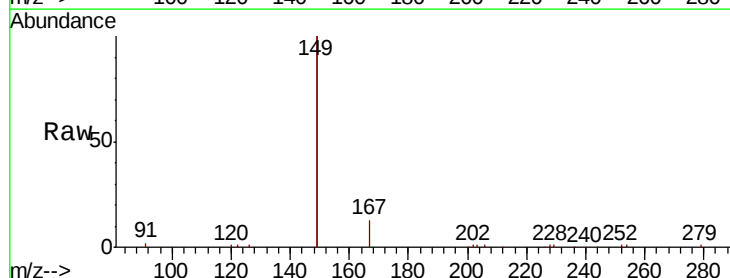
Tgt Ion:149 Resp: 25087

Ion Ratio Lower Upper

149 100

167 6.8 5.6 8.4

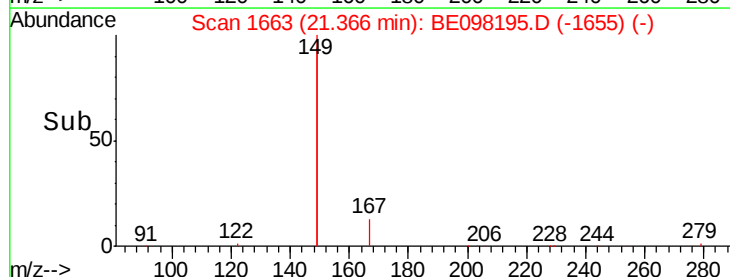
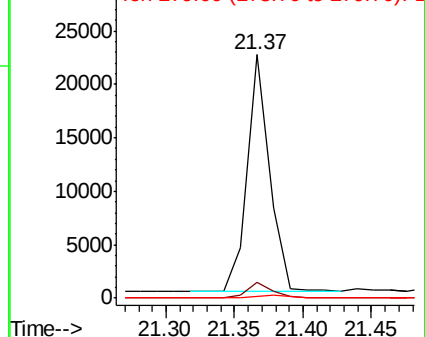
279 1.2 0.9 1.3

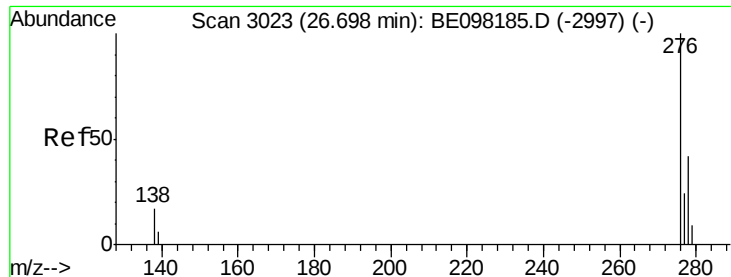


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.407 ng

RT: 26.70 min Scan# 3022

Delta R.T. -0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

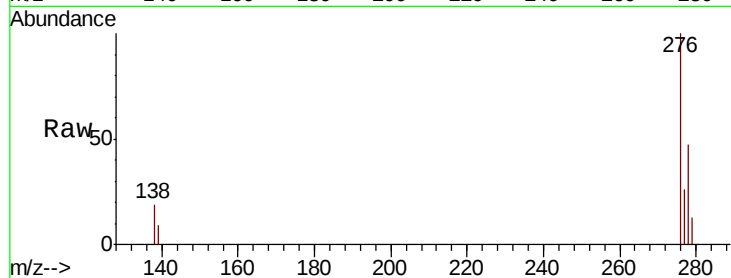
Tgt Ion:276 Resp: 11704

Ion Ratio Lower Upper

276 100

138 19.6 6.4 9.6#

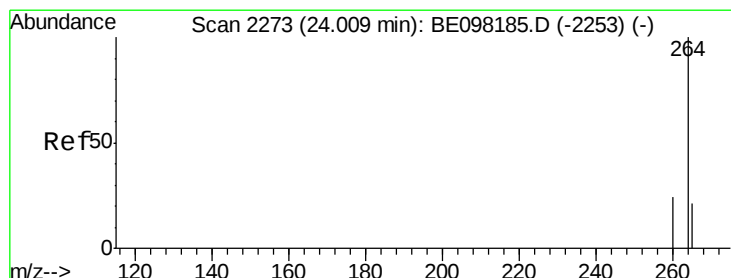
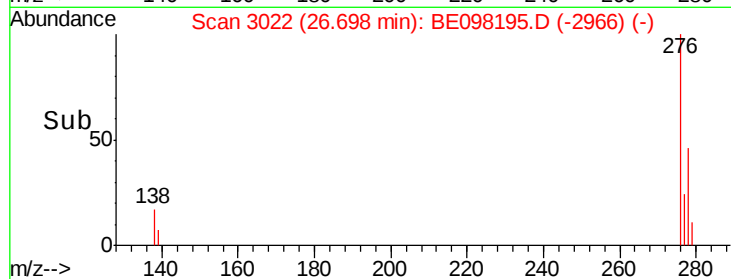
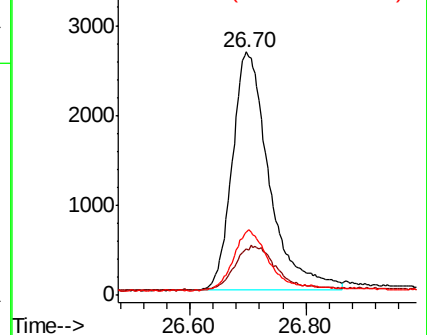
277 24.2 18.9 28.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

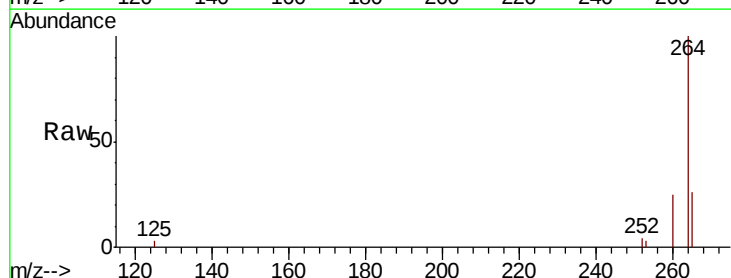
Tgt Ion:264 Resp: 10383

Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

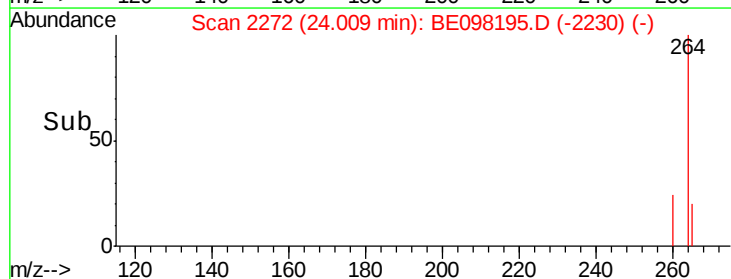
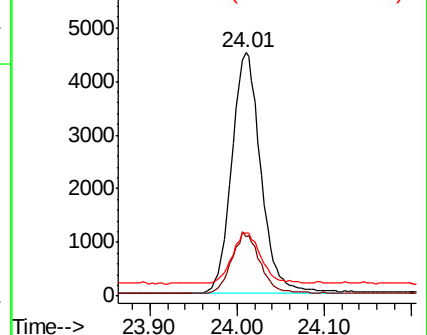
265 25.8 21.3 31.9

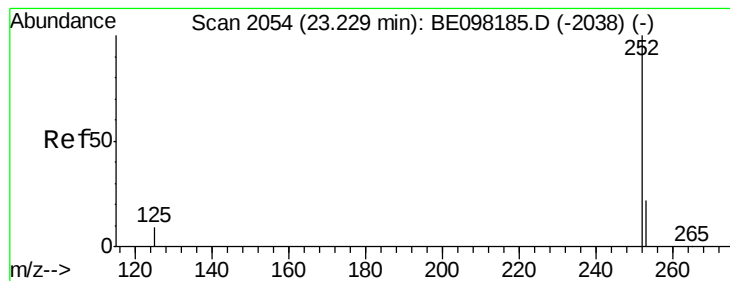


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.380 ng

RT: 23.23 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

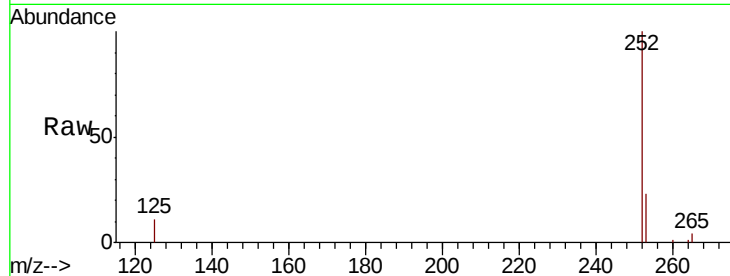
Tgt Ion:252 Resp: 11201

Ion Ratio Lower Upper

252 100

253 23.3 19.4 29.0

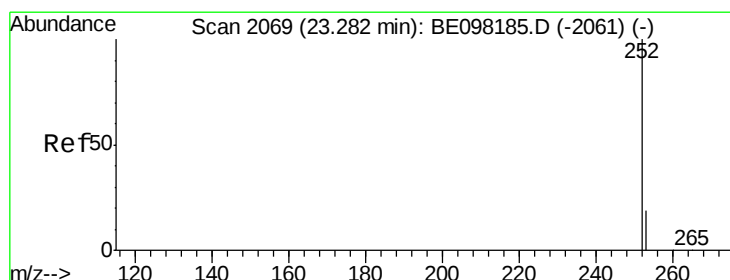
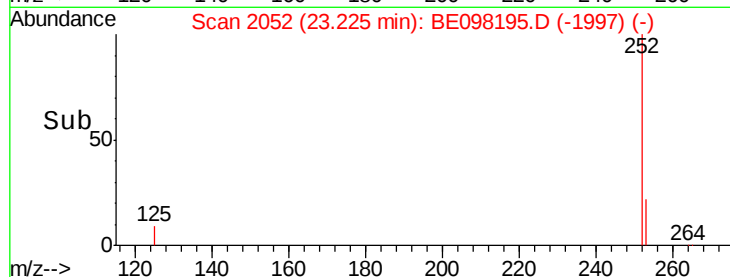
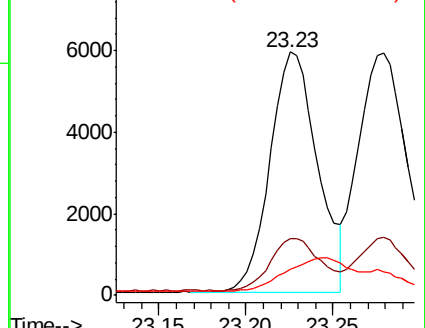
125 10.7 8.6 12.8



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



#36

Benzo(k)fluoranthene

Concen: 0.371 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

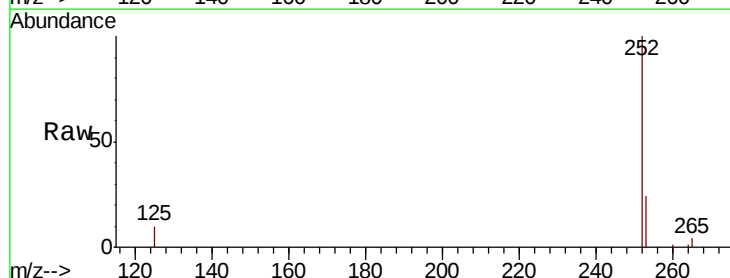
Tgt Ion:252 Resp: 11533

Ion Ratio Lower Upper

252 100

253 23.9 18.6 28.0

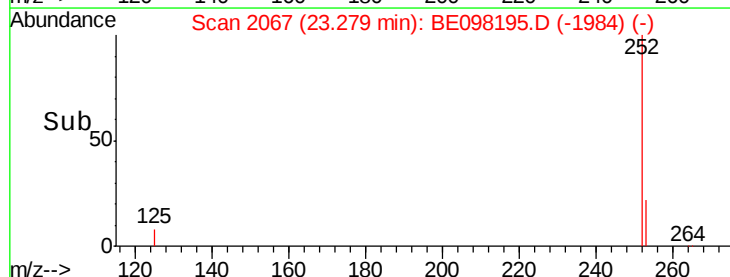
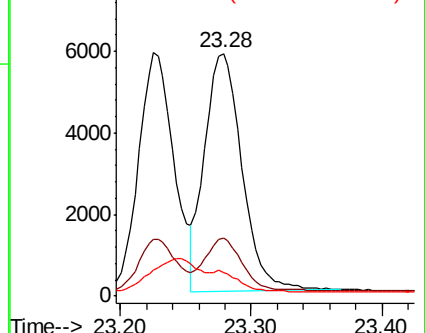
125 9.9 7.4 11.0

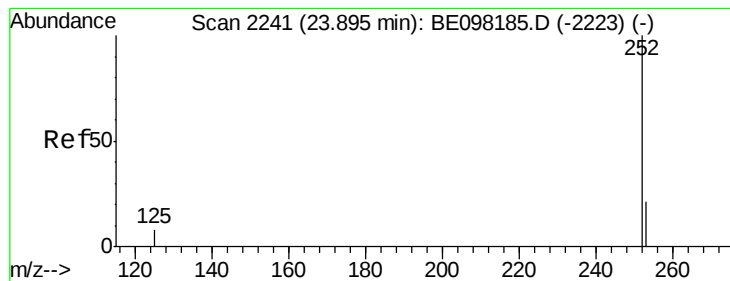


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.373 ng

RT: 23.90 min Scan# 2240

Delta R.T. 0.00 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

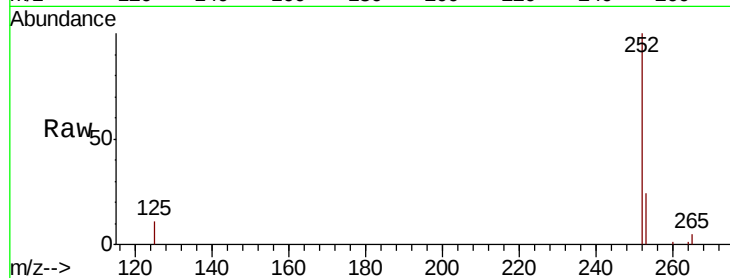
Tgt Ion:252 Resp: 10542

Ion Ratio Lower Upper

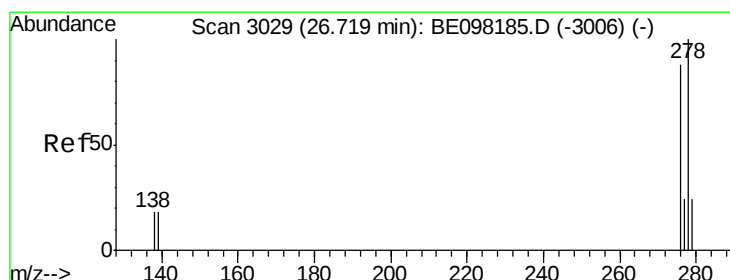
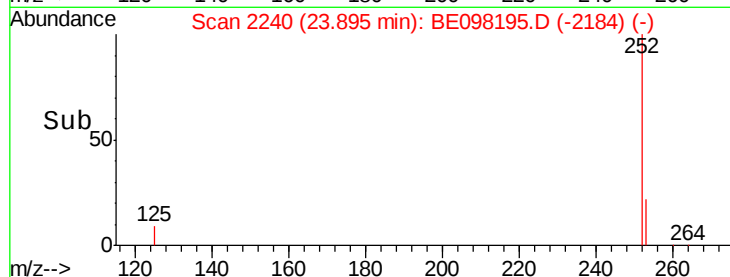
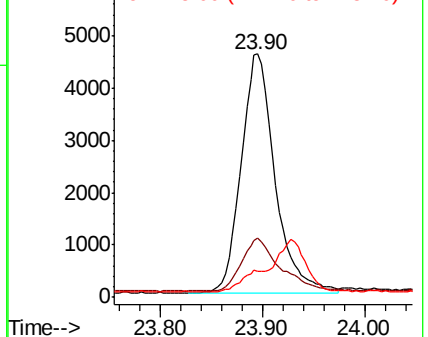
252 100

253 24.4 18.6 27.8

125 10.7 8.0 12.0



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: 0.394 ng

RT: 26.73 min Scan# 3030

Delta R.T. 0.01 min

Lab File: BE098195.D

Acq: 12 Nov 2018 18:13

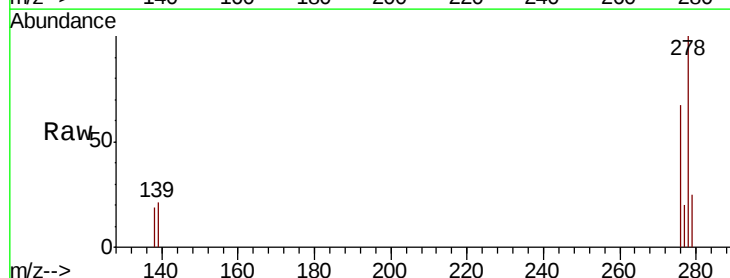
Tgt Ion:278 Resp: 9484

Ion Ratio Lower Upper

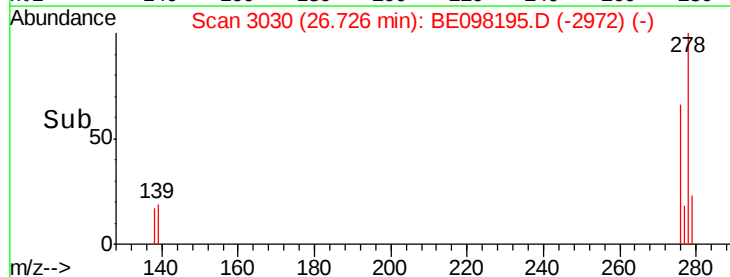
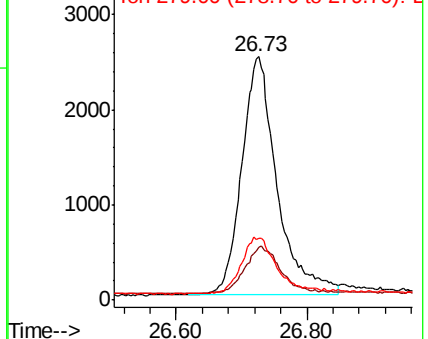
278 100

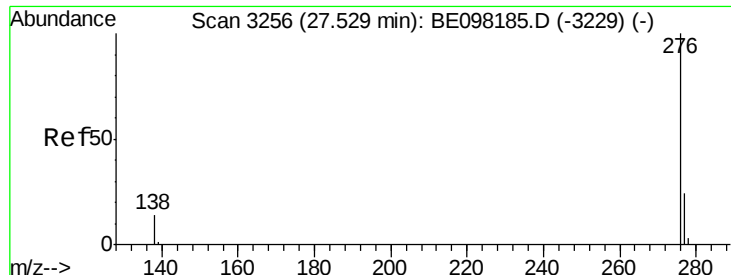
139 21.5 16.4 24.6

279 25.4 21.3 31.9



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(g,h,i)perylene

Concen: 0.376 ng

RT: 27.53 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BE098195.D

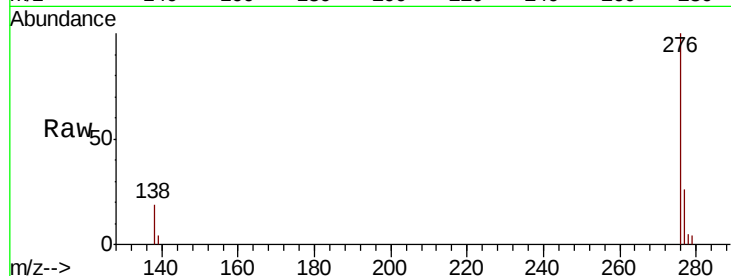
Acq: 12 Nov 2018 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



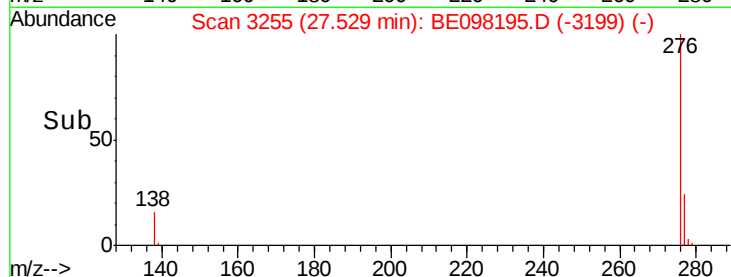
Tgt Ion: 276 Resp: 9442

Ion Ratio Lower Upper

276 100

277 25.8 20.4 30.6

138 18.5 13.2 19.8



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

