

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110718\
 Data File : BE098165.D
 Acq On : 7 Nov 2018 9:39
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Nov 07 10:15:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	978	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4850	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3109	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	7465	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8830	0.40	ng	0.00
34) Perylene-d12	24.02	264	8329	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1209	0.42	ng	0.00
5) Phenol-d6	7.04	99	1896	0.40	ng	0.00
8) Nitrobenzene-d5	9.02	82	2031	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.27	152	3595	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	495	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	5305	0.42	ng	0.00
25) Fluoranthene-d10	19.31	212	39169	0.41	ng	0.00
29) Terphenyl-d14	19.91	244	8318	0.41	ng	0.00

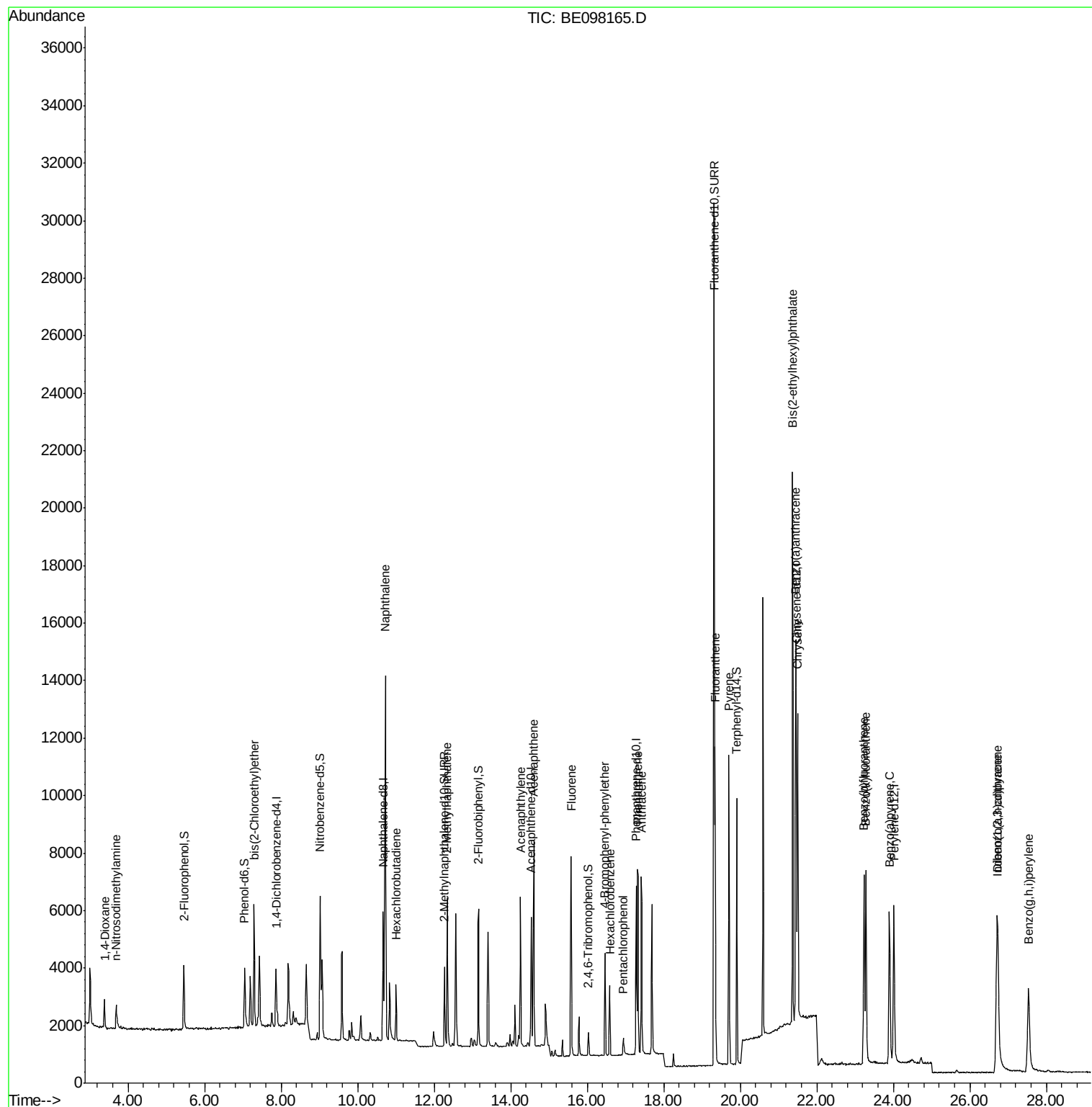
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	614	0.421	ng	98
3) n-Nitrosodimethylamine	3.69	42	867	0.445	ng	# 72
6) bis(2-Chloroethyl)ether	7.29	93	1406	0.402	ng	90
9) Naphthalene	10.72	128	19769	0.408	ng	100
10) Hexachlorobutadiene	11.00	225	1307	0.411	ng	96
12) 2-Methylnaphthalene	12.34	142	3534	0.408	ng	# 95
16) Acenaphthylene	14.25	152	5975	0.421	ng	99
17) Acenaphthene	14.60	154	3581	0.420	ng	98
18) Fluorene	15.58	166	4693	0.415	ng	98
20) 4-Bromophenyl-phenylether	16.46	248	1902	0.418	ng	# 81
21) Hexachlorobenzene	16.59	284	1972	0.414	ng	95
22) Pentachlorophenol	16.94	266	395	0.415	ng	# 84
23) Phenanthrene	17.32	178	7567	0.409	ng	99
24) Anthracene	17.41	178	7169	0.408	ng	99
26) Fluoranthene	19.34	202	9511	0.411	ng	96
28) Pyrene	19.70	202	9907	0.411	ng	99
30) Benzo(a)anthracene	21.45	228	10241	0.397	ng	99
31) Chrysene	21.50	228	10365	0.406	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	22812	0.249	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	10175	0.383	ng	# 95
35) Benzo(b)fluoranthene	23.23	252	9586	0.409	ng	# 89
36) Benzo(k)fluoranthene	23.28	252	10092	0.416	ng	# 90
37) Benzo(a)pyrene	23.90	252	9302	0.406	ng	# 89
38) Dibenzo(a,h)anthracene	26.73	278	8195	0.383	ng	# 93
39) Benzo(g,h,i)perylene	27.53	276	8353	0.392	ng	# 91

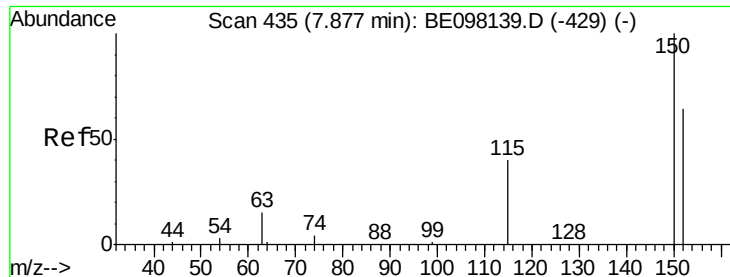
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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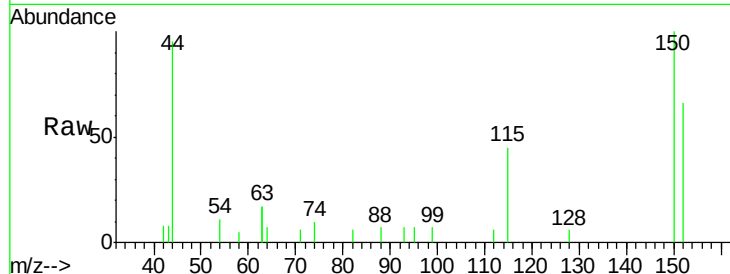


#1

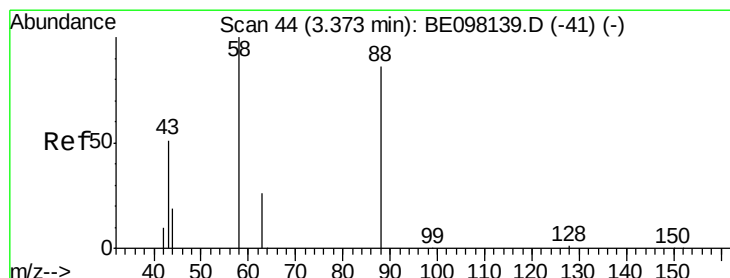
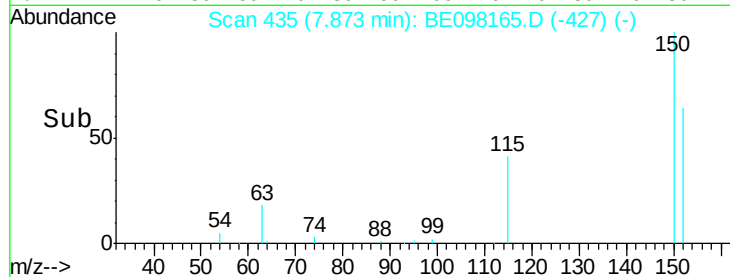
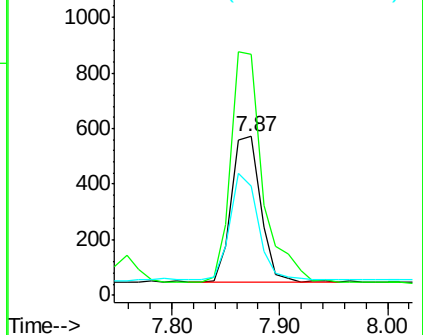
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098165.D
Acq: 7 Nov 2018 9:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 978
Ion Ratio Lower Upper
152 100
150 152.2 118.2 177.4
115 68.8 50.9 76.3



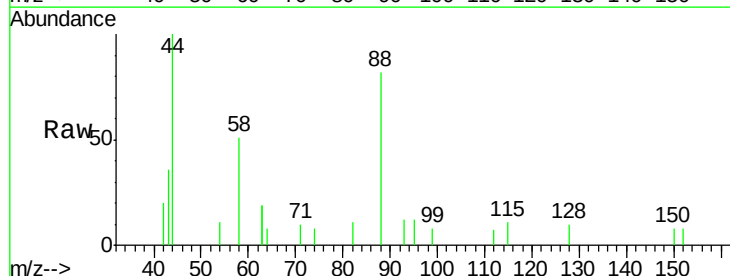
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



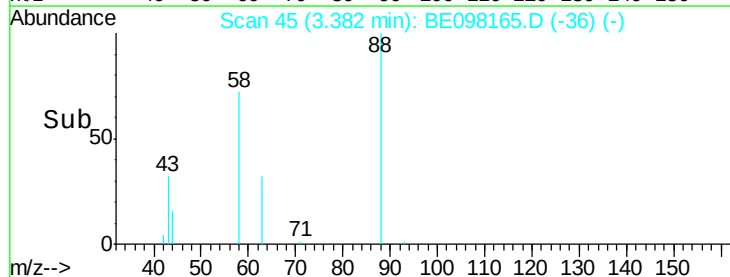
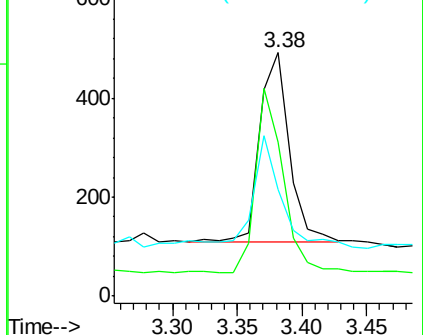
#2

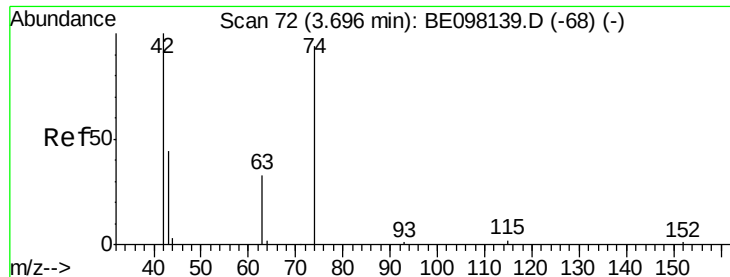
1,4-Dioxane
Concen: 0.421 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE098165.D
Acq: 7 Nov 2018 9:39

Tgt Ion: 88 Resp: 614
Ion Ratio Lower Upper
88 100
58 90.2 73.2 109.8
43 48.7 36.9 55.3



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: 0.445 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

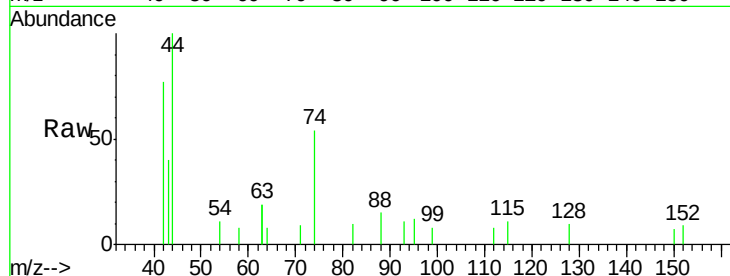
Tgt Ion: 42 Resp: 867

Ion Ratio Lower Upper

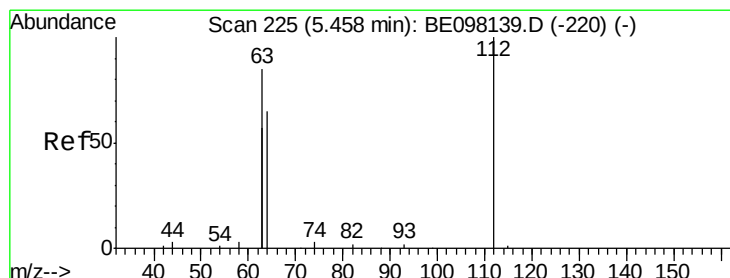
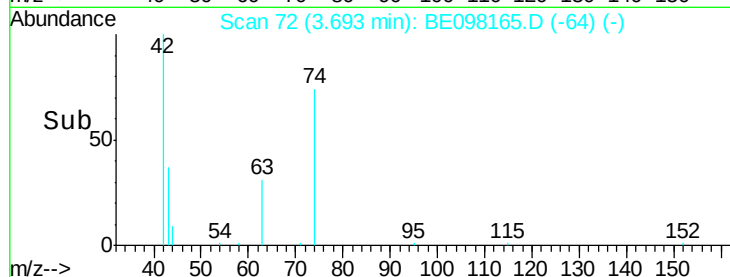
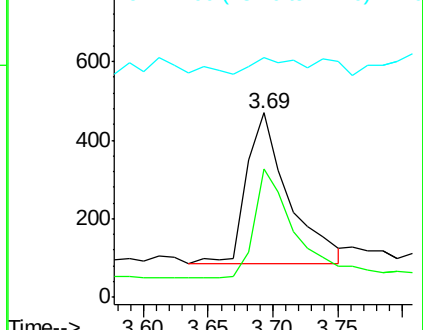
42 100

74 67.0 77.6 116.4#

44 11.3 7.6 11.4



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: 0.416 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

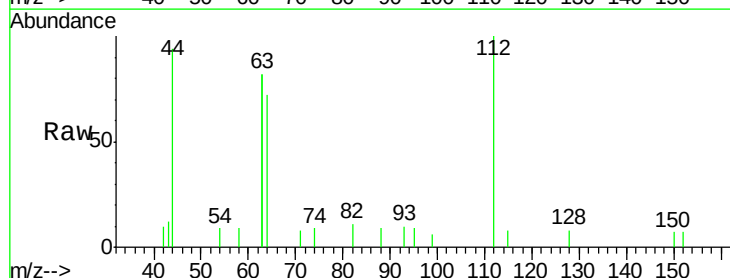
Tgt Ion: 112 Resp: 1209

Ion Ratio Lower Upper

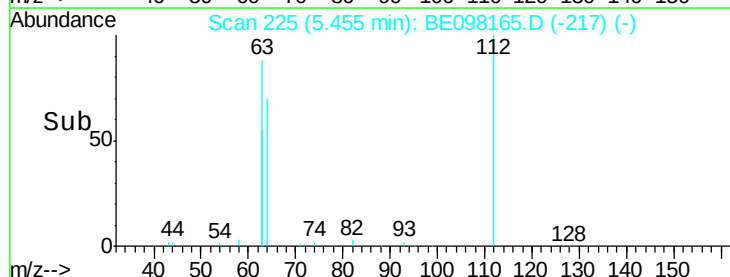
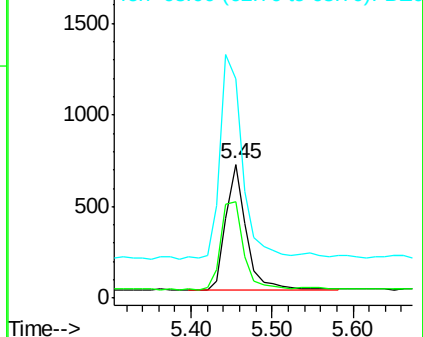
112 100

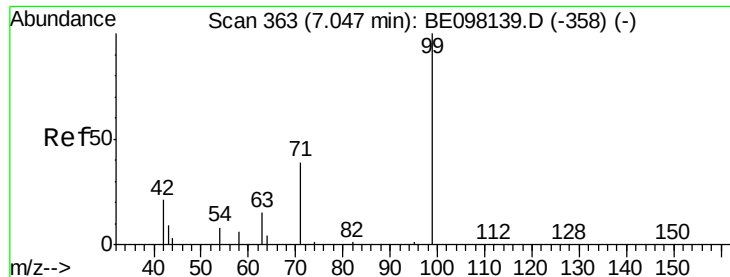
64 77.0 58.9 88.3

63 175.7 120.3 180.5



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: 0.397 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

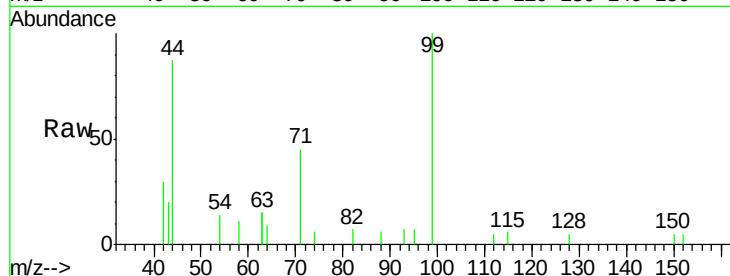
Tgt Ion: 99 Resp: 1896

Ion Ratio Lower Upper

99 100

42 31.0 19.9 29.9#

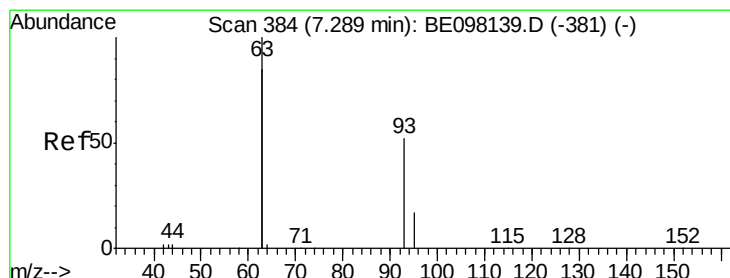
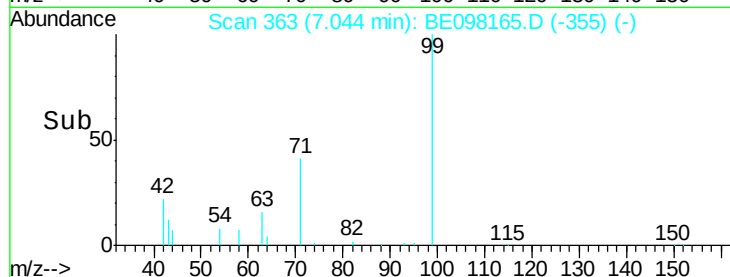
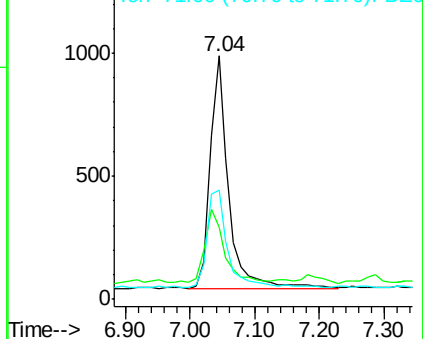
71 45.1 27.8 41.8#



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: 0.402 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

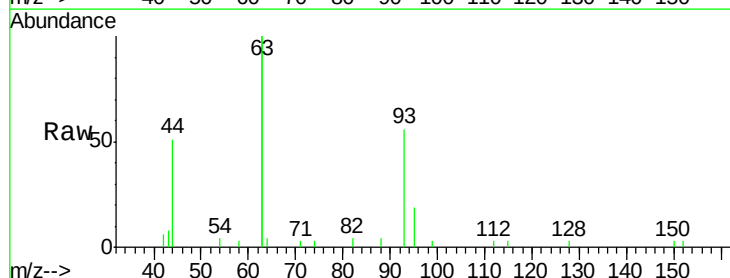
Tgt Ion: 93 Resp: 1406

Ion Ratio Lower Upper

93 100

63 347.1 259.0 388.4

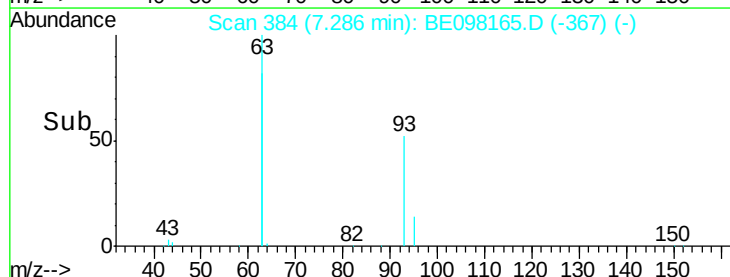
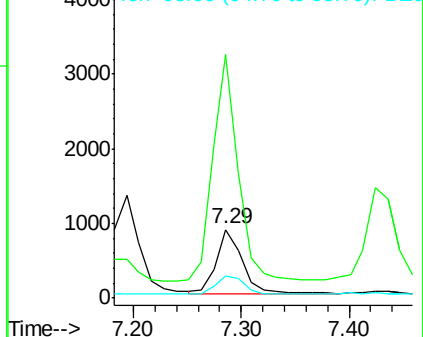
95 33.6 27.8 41.8

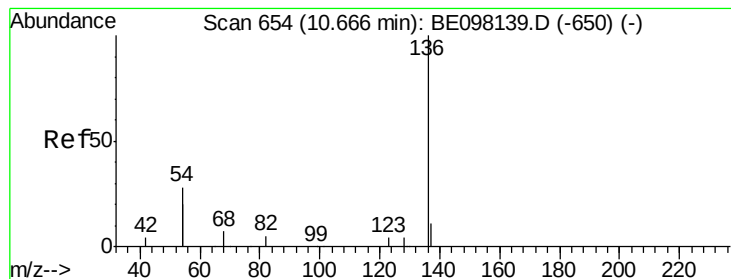


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 4850

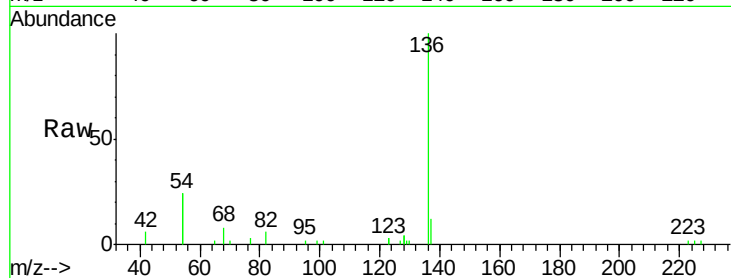
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 48.5 27.7 41.5#

68 7.5 5.3 7.9

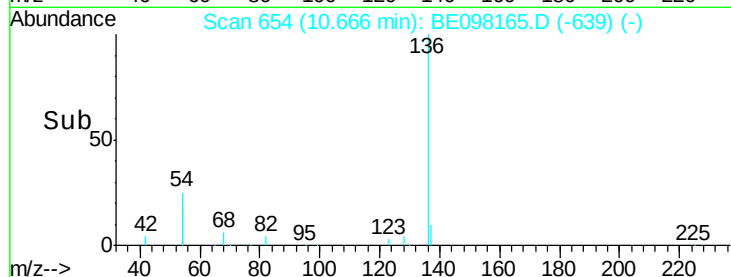


Abundance Ion 136.00 (135.70 to 136.70): E

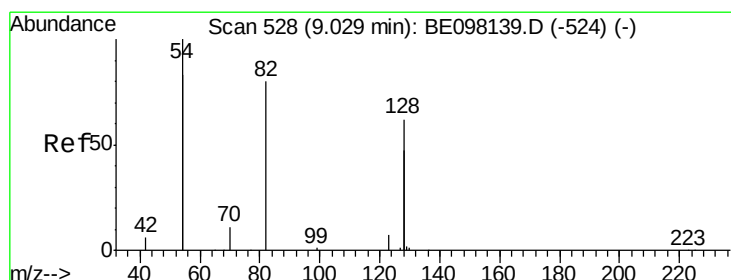
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.390 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.01 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

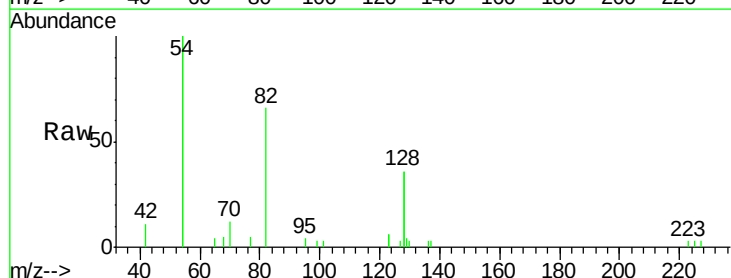
Tgt Ion: 82 Resp: 2031

Ion Ratio Lower Upper

82 100

128 108.1 129.9 194.9#

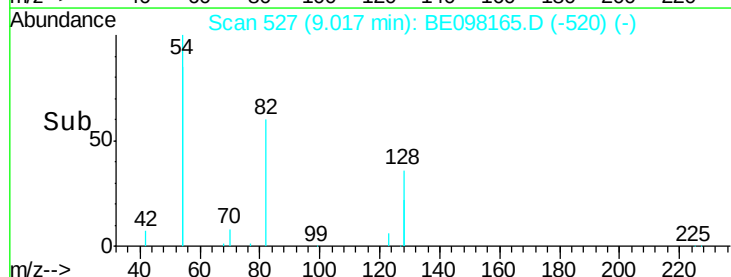
54 301.1 174.0 261.0#



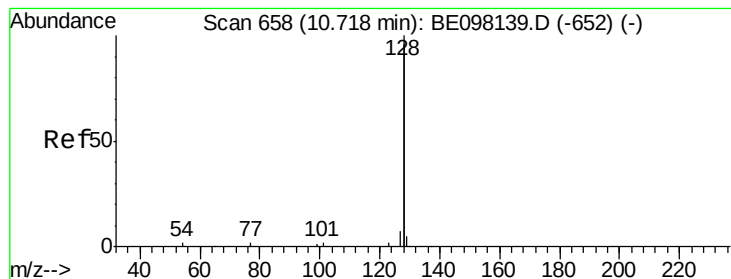
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.408 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

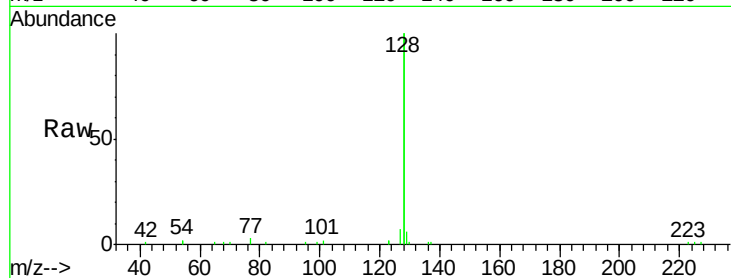
Tgt Ion:128 Resp: 19769

Ion Ratio Lower Upper

128 100

129 3.2 2.5 3.7

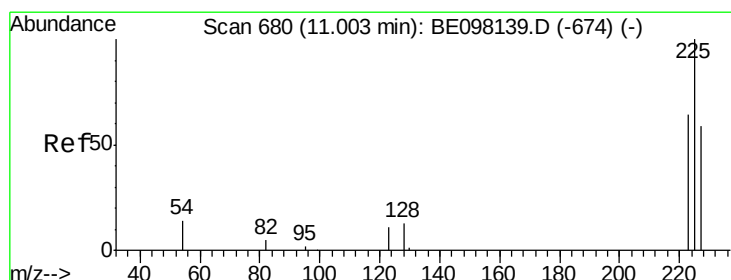
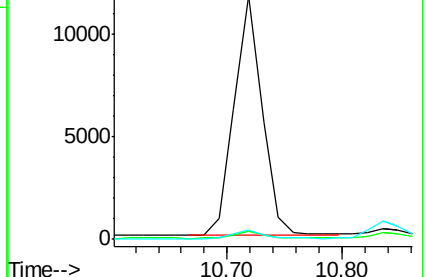
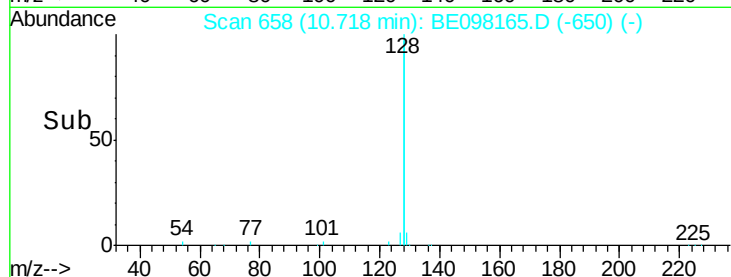
127 3.6 2.8 4.2



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: 0.411 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

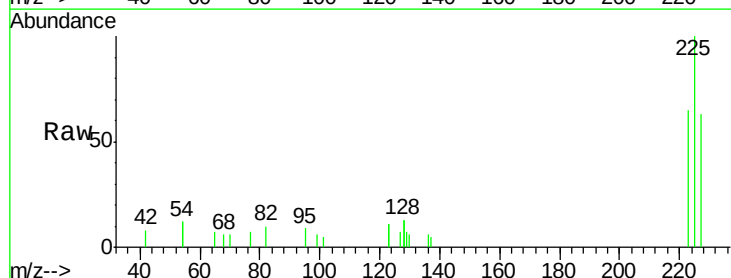
Tgt Ion:225 Resp: 1307

Ion Ratio Lower Upper

225 100

223 62.8 51.8 77.8

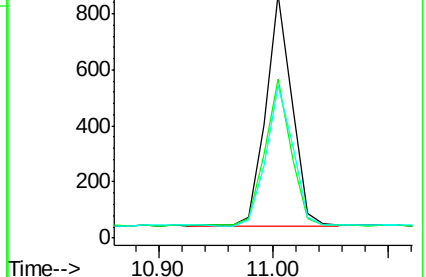
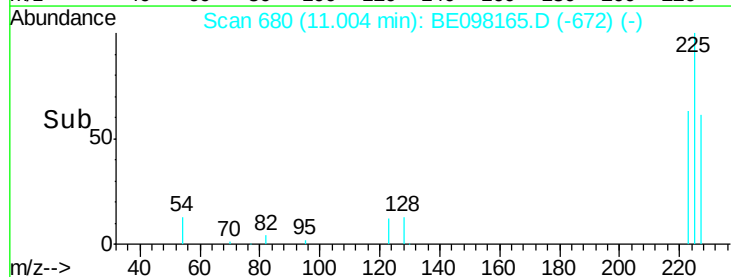
227 62.5 53.0 79.6

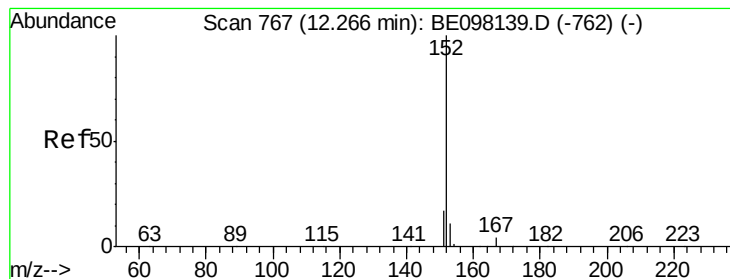


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.420 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

Instrument :

BNA_E

ClientSampleId :

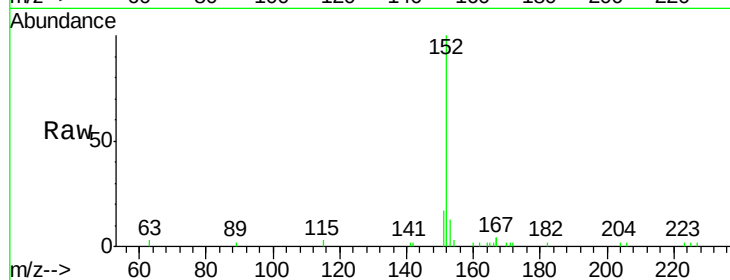
SSTDCCC0.4

Tgt Ion:152 Resp: 3595

Ion Ratio Lower Upper

152 100

151 19.2 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

2500

2000

1500

1000

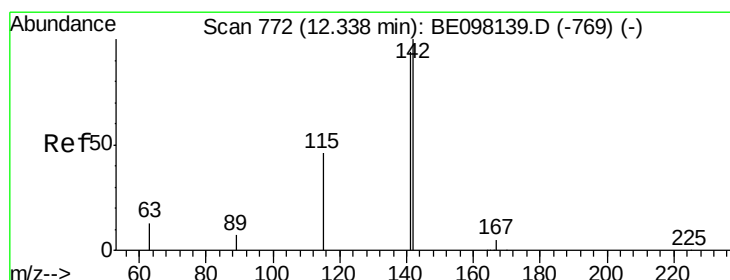
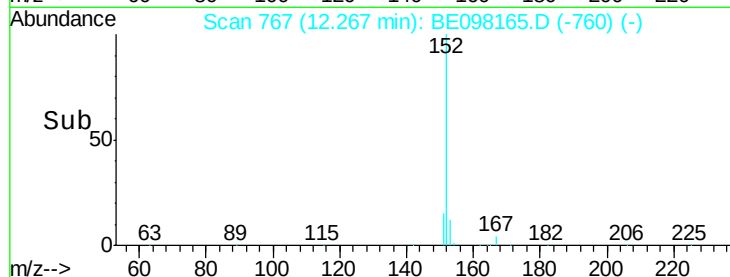
500

0

Time-->

12.20

12.40



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

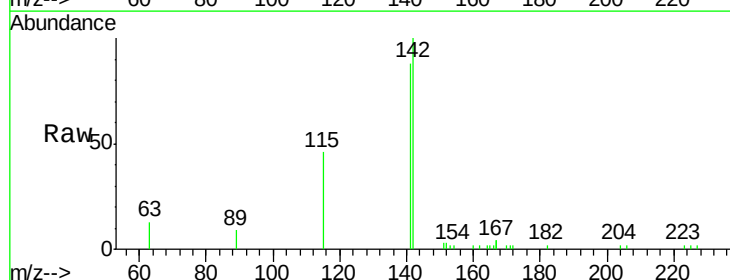
Tgt Ion:142 Resp: 3534

Ion Ratio Lower Upper

142 100

141 88.2 69.8 104.6

115 46.5 30.5 45.7#



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

12.34

2500

2000

1500

1000

500

0

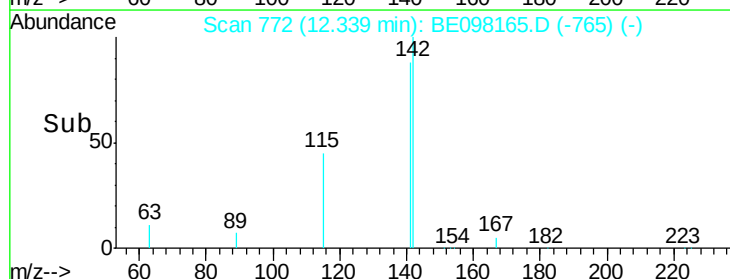
Time-->

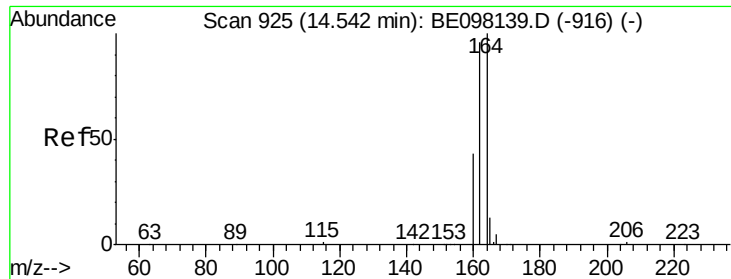
12.25

12.30

12.35

12.40





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

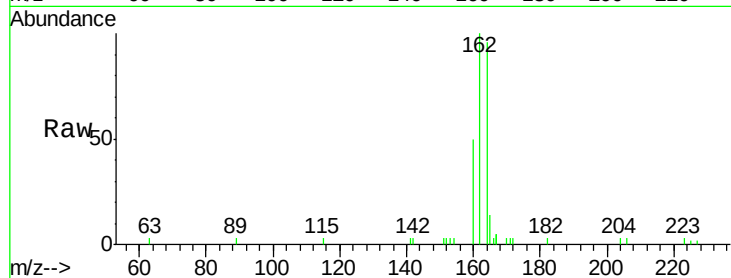
Tgt Ion:164 Resp: 3109

Ion Ratio Lower Upper

164 100

162 104.1 77.4 116.2

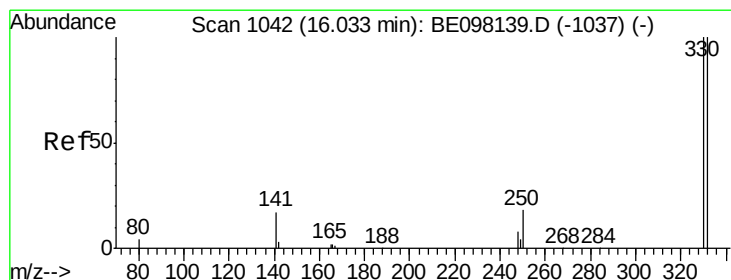
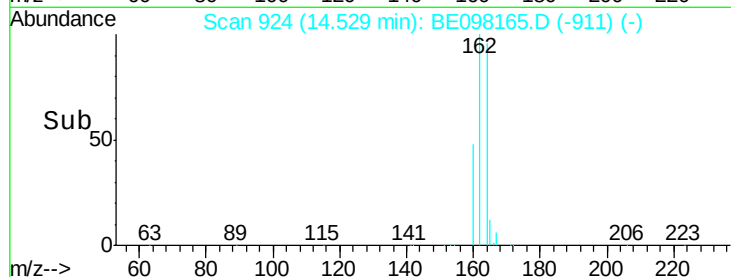
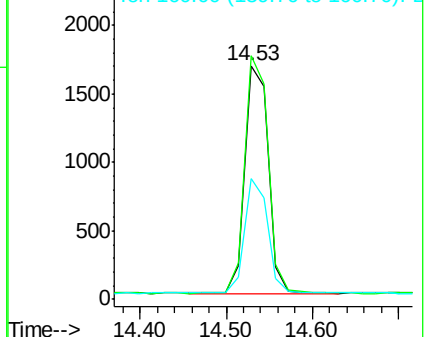
160 51.7 36.5 54.7



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: 0.336 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

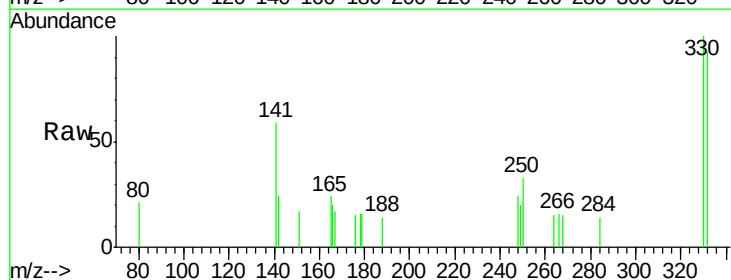
Tgt Ion:330 Resp: 495

Ion Ratio Lower Upper

330 100

332 102.6 76.5 114.7

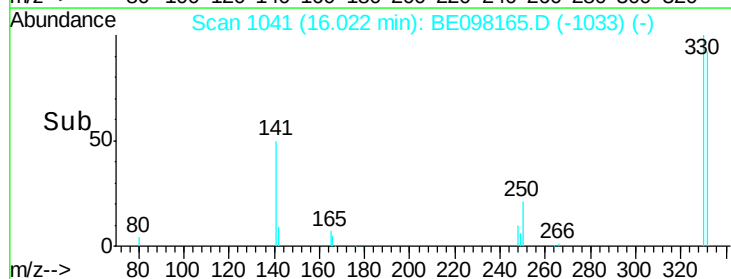
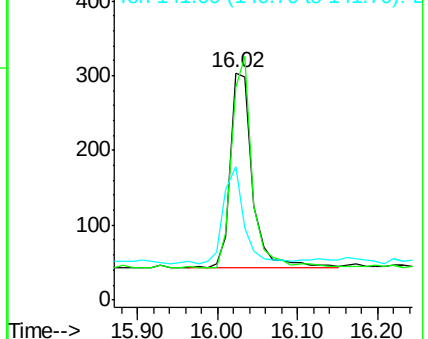
141 48.3 31.8 47.6#

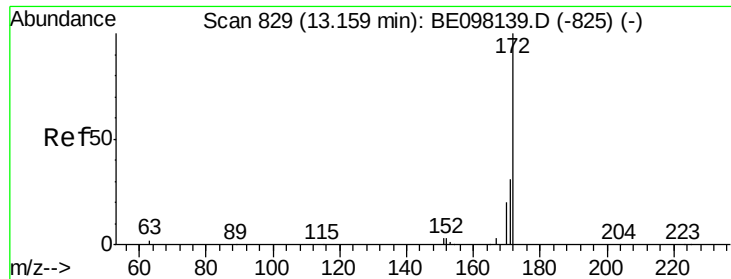


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

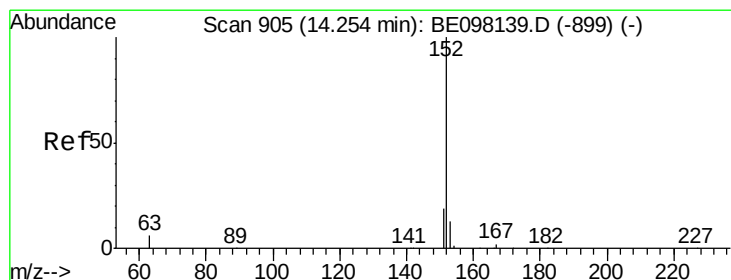
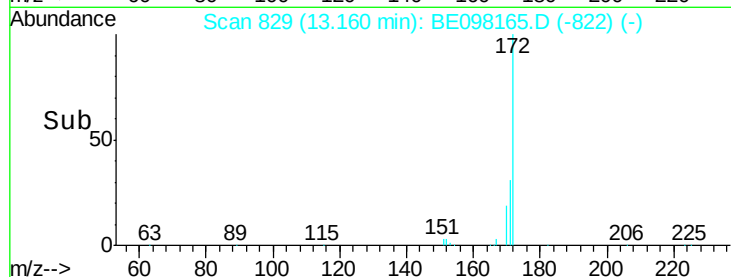
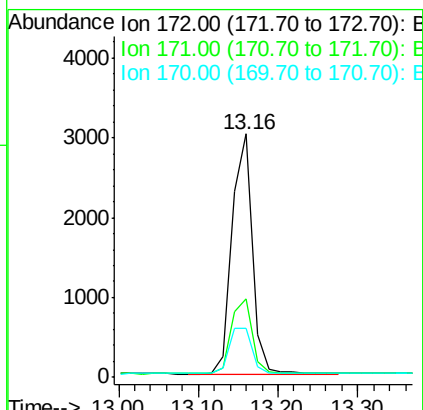
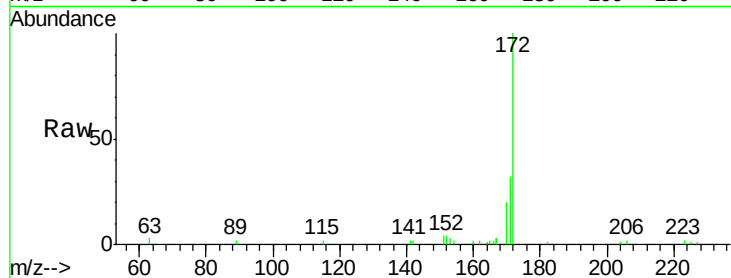




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098165.D
Acq: 7 Nov 2018 9:39

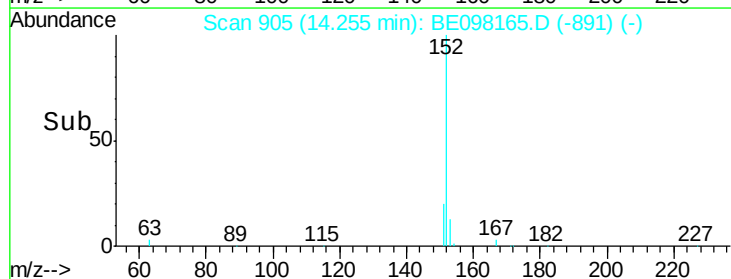
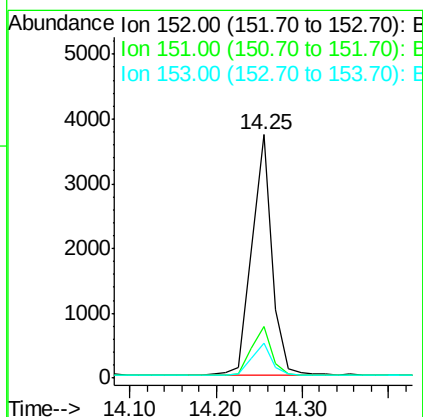
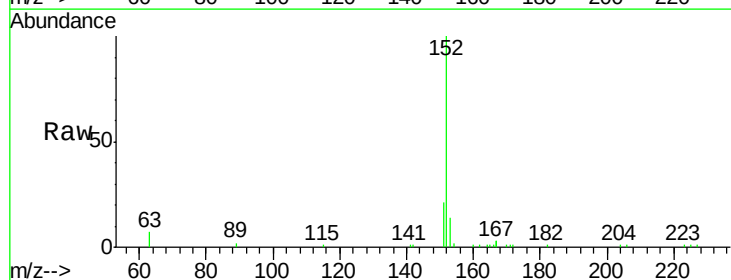
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

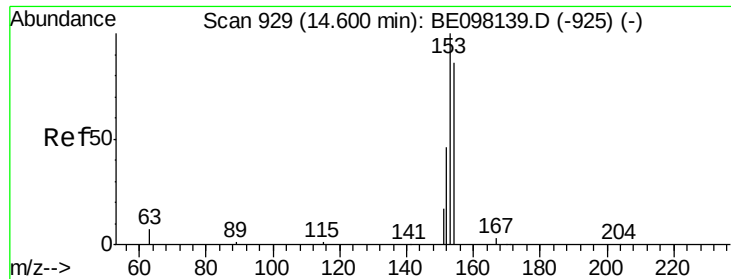
Tgt Ion:172 Resp: 5305
Ion Ratio Lower Upper
172 100
171 32.0 26.0 39.0
170 20.2 18.0 27.0



#16
Acenaphthylene
Concen: 0.421 ng
RT: 14.25 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098165.D
Acq: 7 Nov 2018 9:39

Tgt Ion:152 Resp: 5975
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 13.5 10.9 16.3

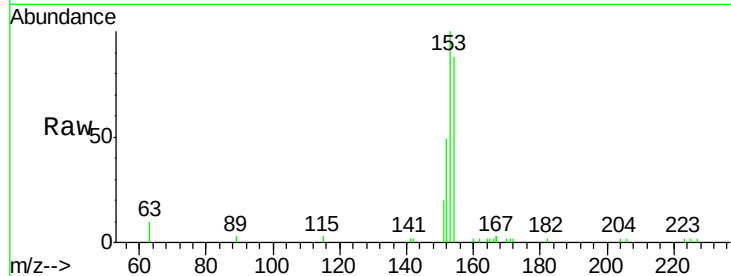




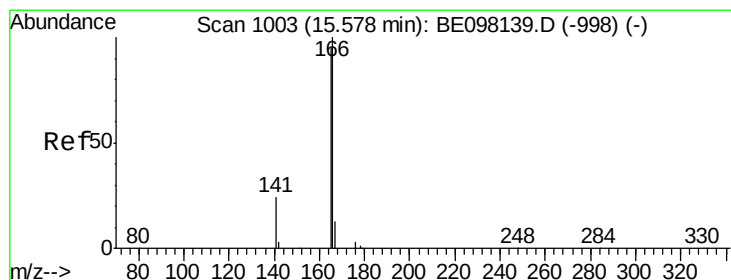
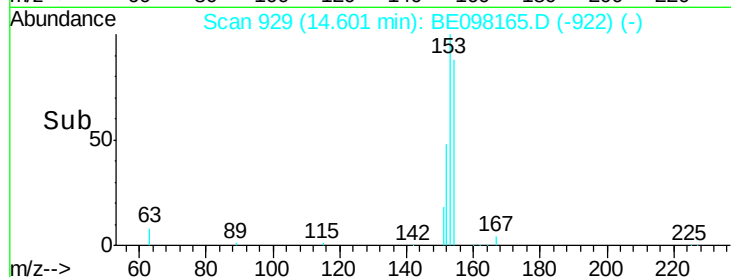
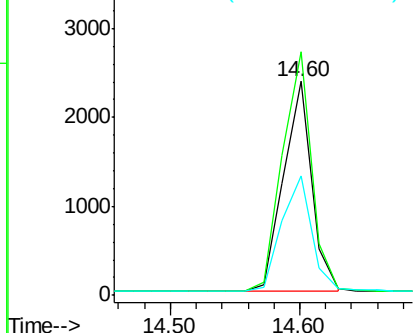
#17
Acenaphthene
Concen: 0.420 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098165.D
Acq: 7 Nov 2018 9:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3581
Ion Ratio Lower Upper
154 100
153 118.3 92.6 139.0
152 57.9 45.5 68.3

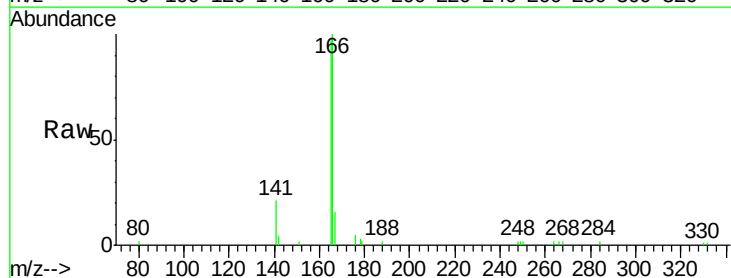


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

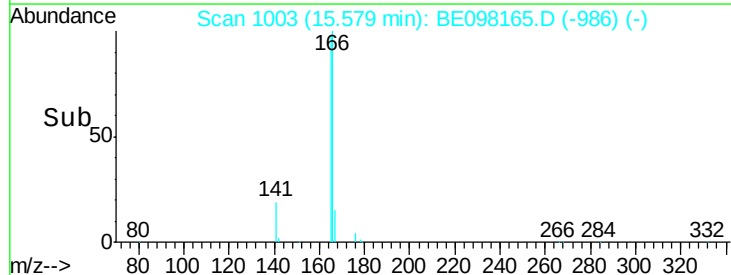
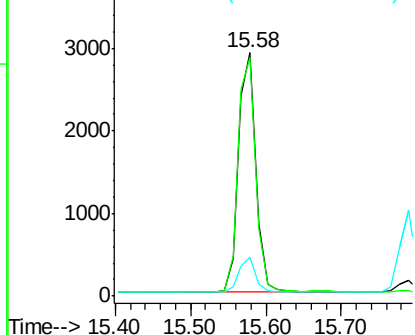


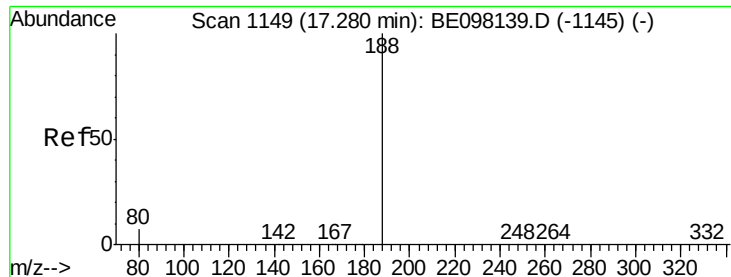
#18
Fluorene
Concen: 0.415 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098165.D
Acq: 7 Nov 2018 9:39

Tgt Ion:166 Resp: 4693
Ion Ratio Lower Upper
166 100
165 99.6 78.2 117.4
167 14.1 11.0 16.6



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: BE098165.D

Acq: 7 Nov 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

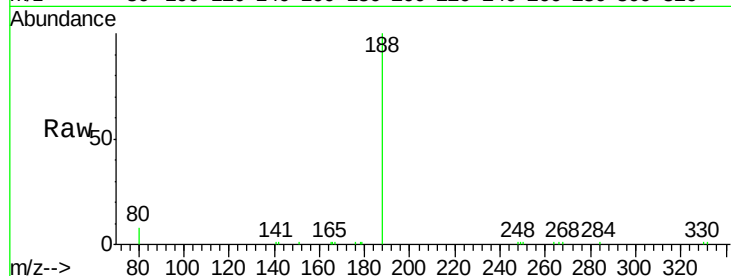
Tgt Ion:188 Resp: 7465

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

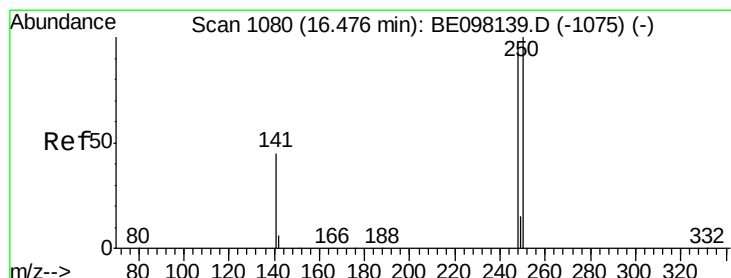
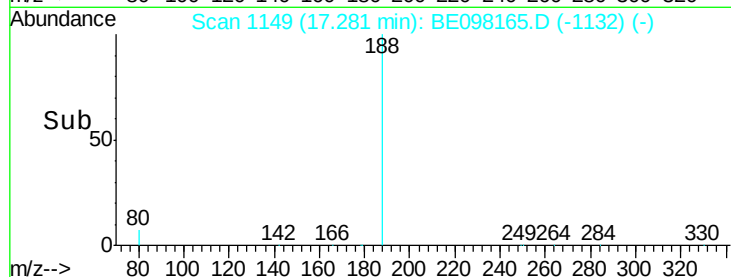
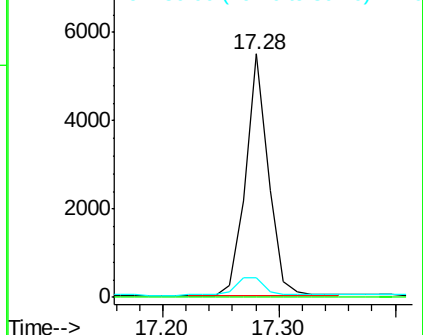
80 7.9 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.418 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

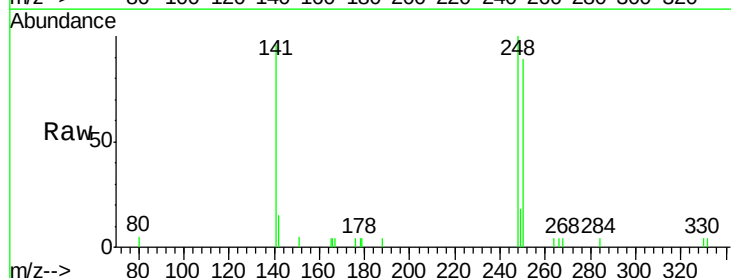
Tgt Ion:248 Resp: 1902

Ion Ratio Lower Upper

248 100

250 88.7 75.1 112.7

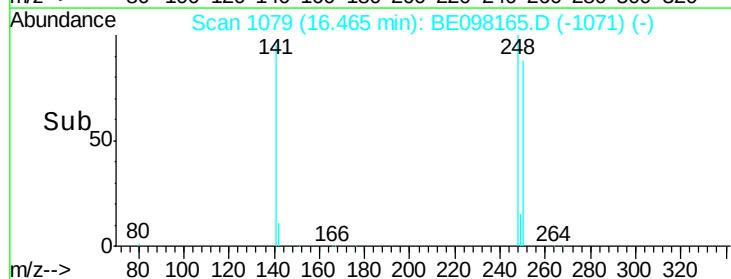
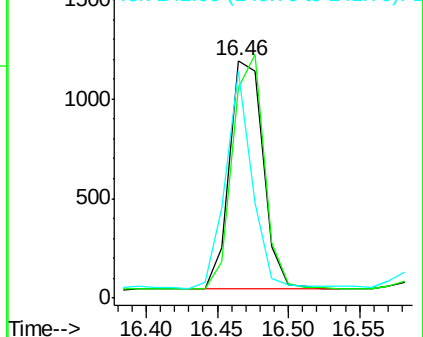
141 95.7 51.8 77.8#

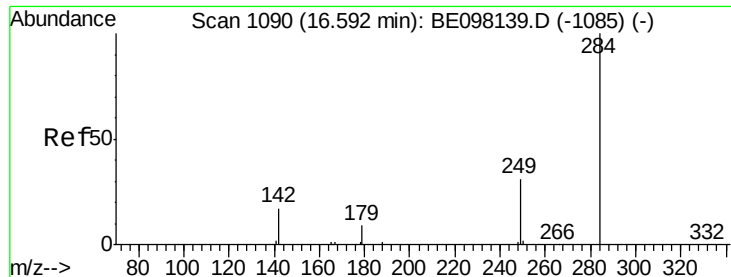


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.414 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

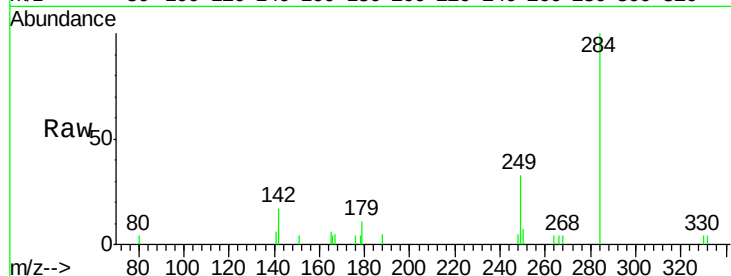
Tgt Ion:284 Resp: 1972

Ion Ratio Lower Upper

284 100

142 34.1 25.9 38.9

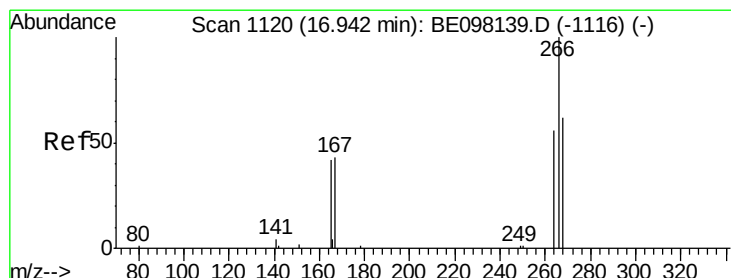
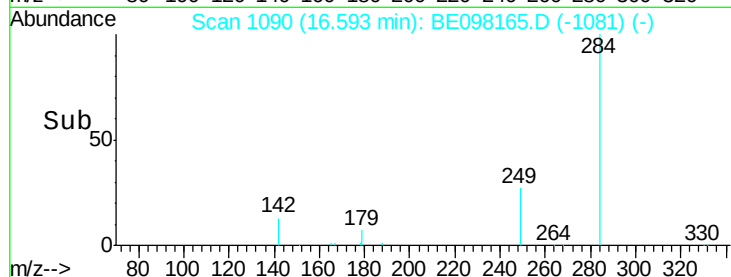
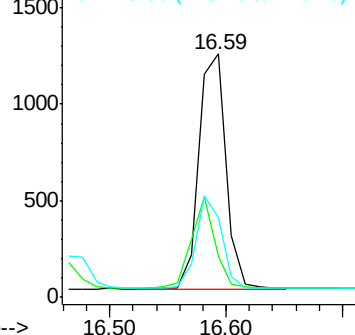
249 37.3 26.6 40.0



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: 0.415 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

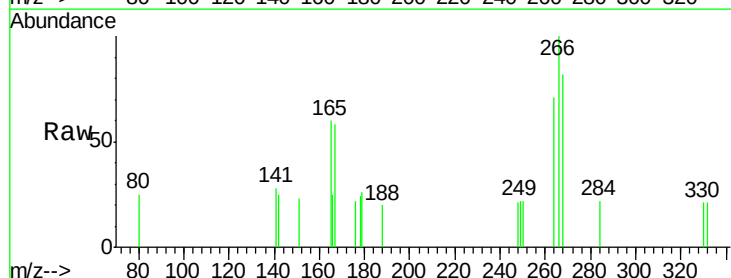
Tgt Ion:266 Resp: 395

Ion Ratio Lower Upper

266 100

264 70.6 51.3 76.9

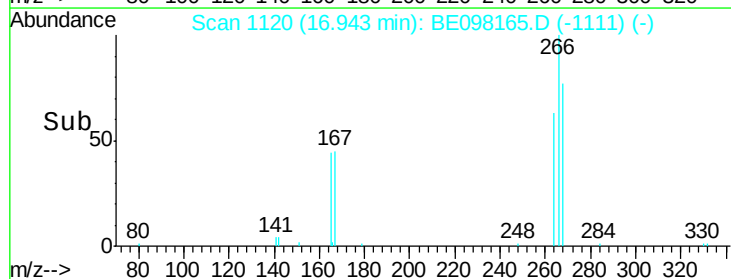
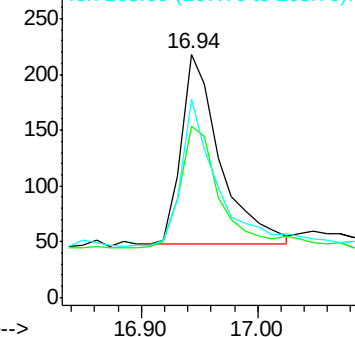
268 81.7 50.1 75.1#

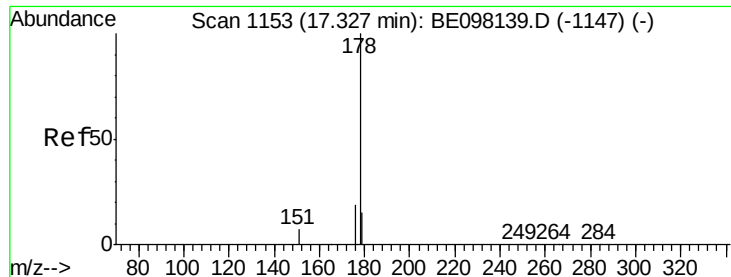


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.409 ng

RT: 17.32 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

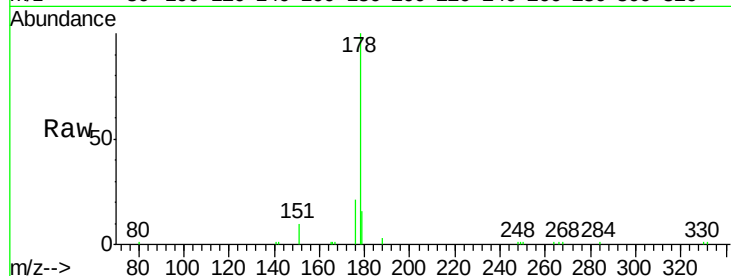
Tgt Ion:178 Resp: 7567

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

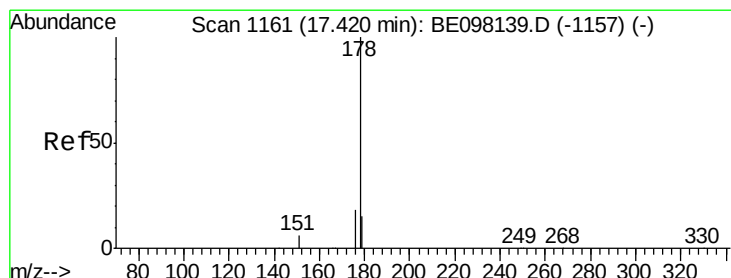
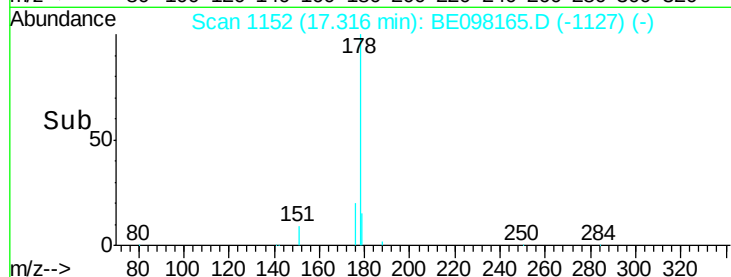
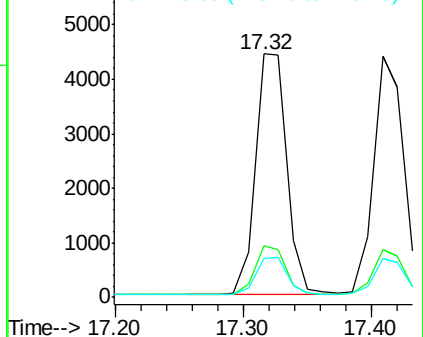
179 15.6 12.2 18.4



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: 0.408 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

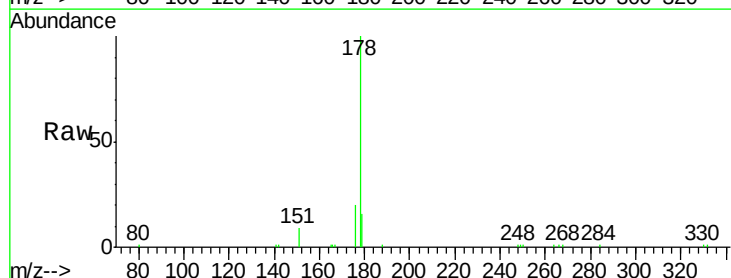
Tgt Ion:178 Resp: 7169

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

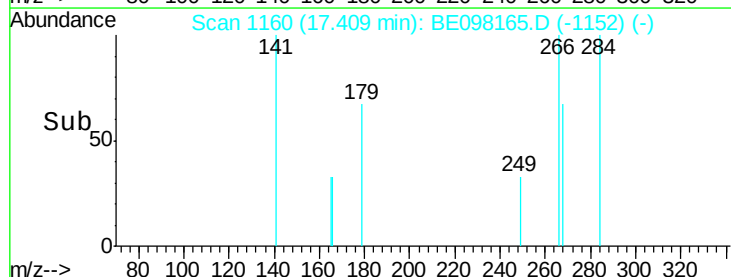
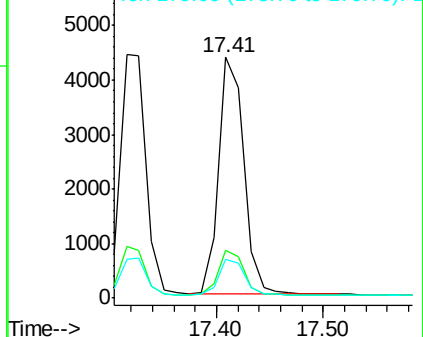
179 15.1 11.9 17.9

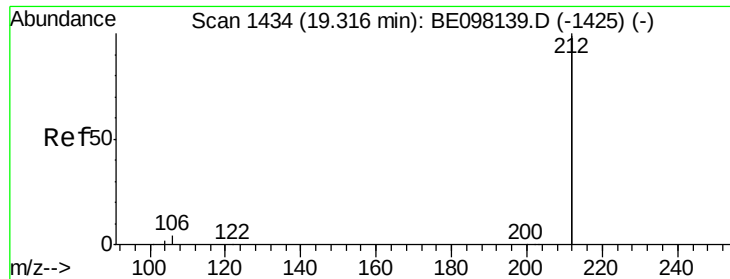


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

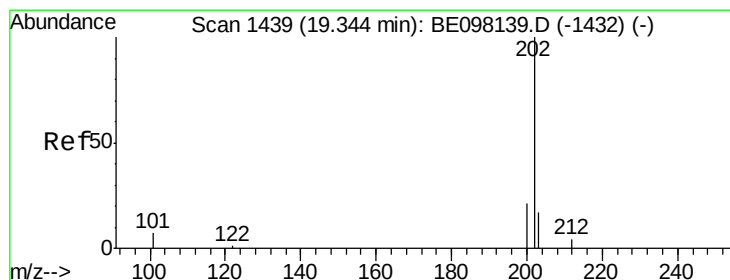
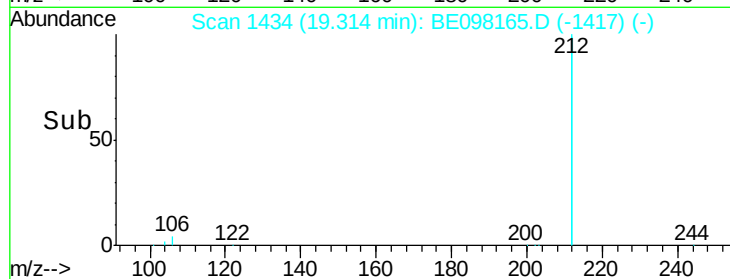
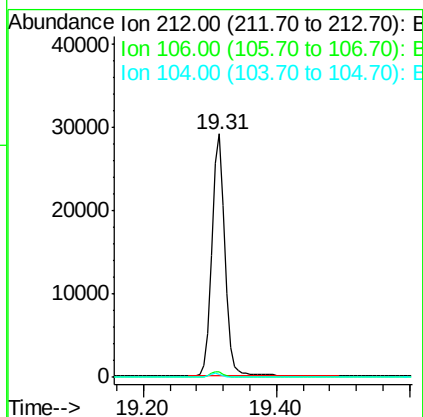
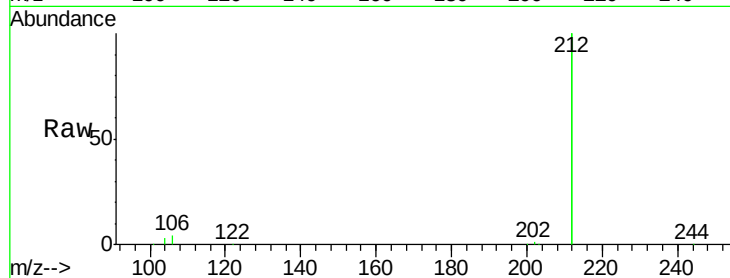




#25
 Fluoranthene-d10
 Concen: 0.407 ng
 RT: 19.31 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BE098165.D
 Acq: 7 Nov 2018 9:39

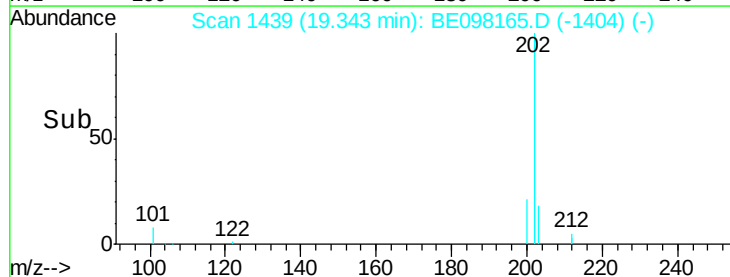
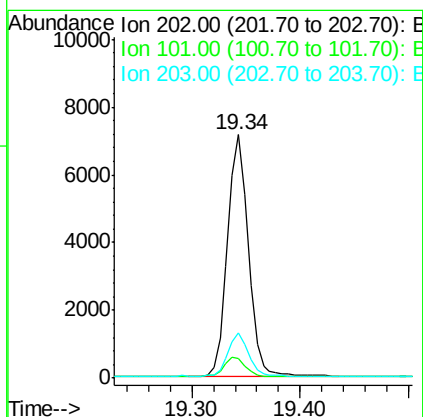
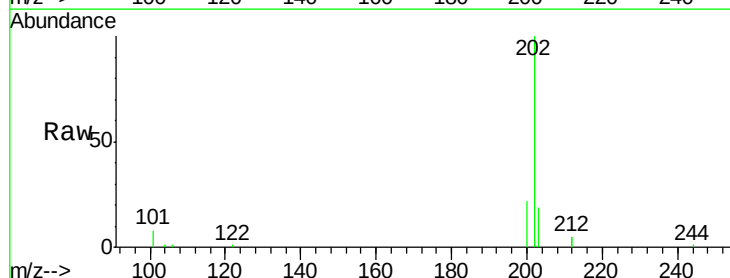
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

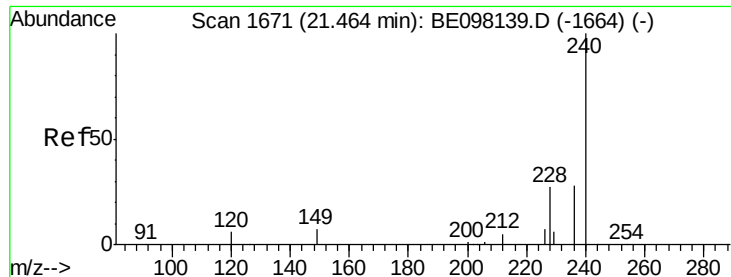
Tgt Ion: 212 Resp: 39169
 Ion Ratio Lower Upper
 212 100
 106 2.2 2.3 3.5#
 104 1.4 1.3 1.9



#26
 Fluoranthene
 Concen: 0.411 ng
 RT: 19.34 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BE098165.D
 Acq: 7 Nov 2018 9:39

Tgt Ion: 202 Resp: 9511
 Ion Ratio Lower Upper
 202 100
 101 8.5 8.2 12.2
 203 17.4 15.0 22.4

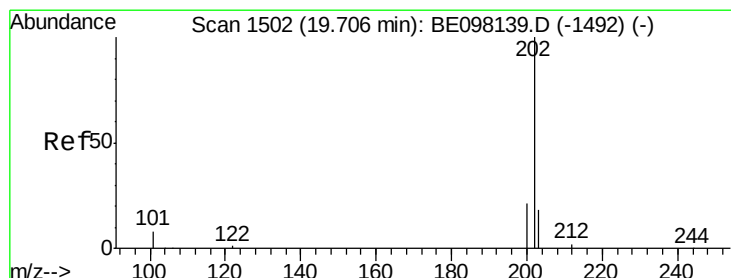
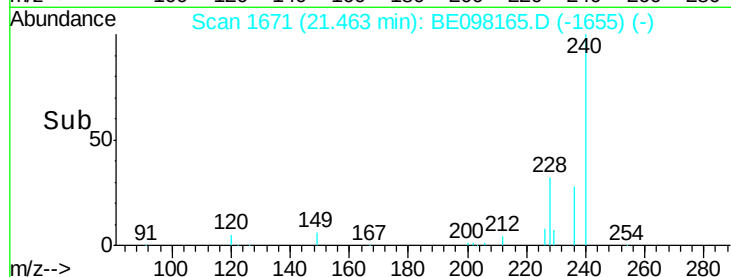
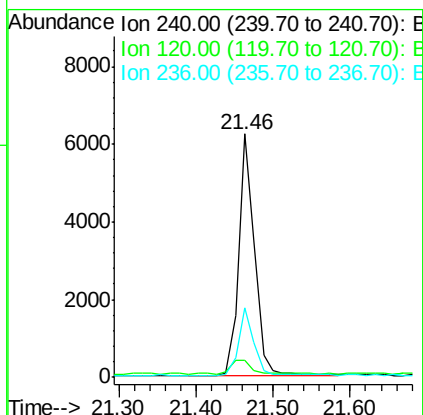
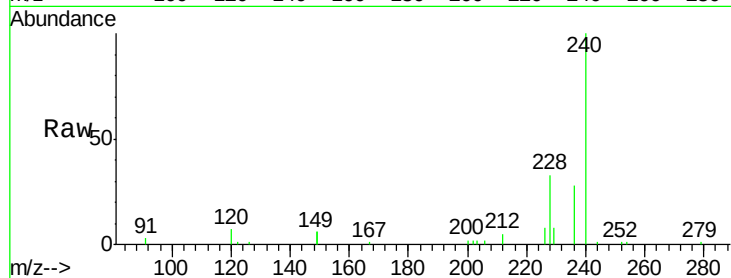




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098165.D
 Acq: 7 Nov 2018 9:39

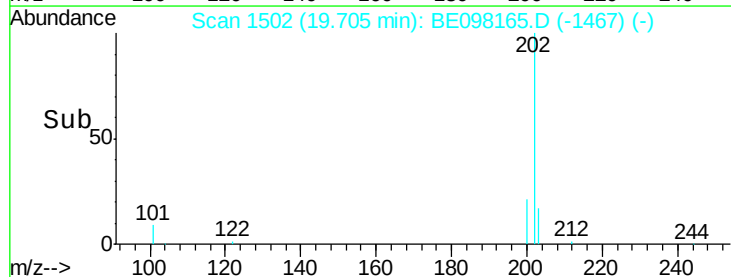
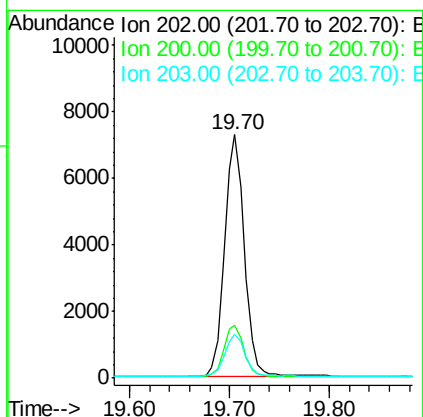
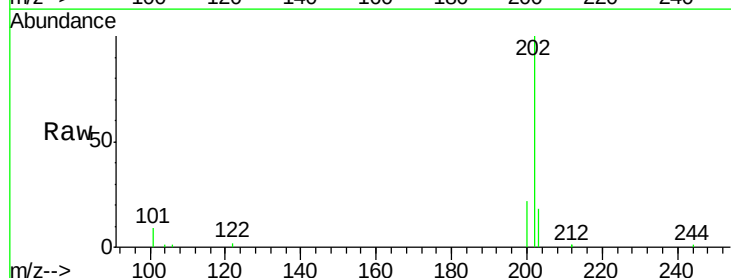
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

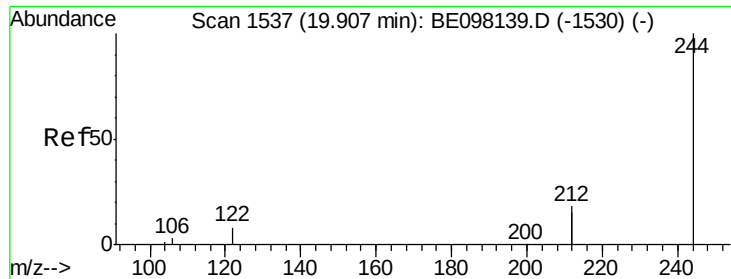
Tgt Ion:240 Resp: 8830
 Ion Ratio Lower Upper
 240 100
 120 6.9 7.1 10.7#
 236 28.5 21.3 31.9



#28
 Pyrene
 Concen: 0.411 ng
 RT: 19.70 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BE098165.D
 Acq: 7 Nov 2018 9:39

Tgt Ion:202 Resp: 9907
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.0 25.4
 203 17.7 14.2 21.4





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

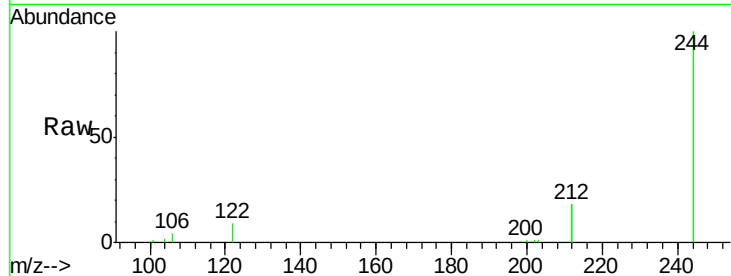
Tgt Ion:244 Resp: 8318

Ion Ratio Lower Upper

244 100

212 35.2 26.2 39.2

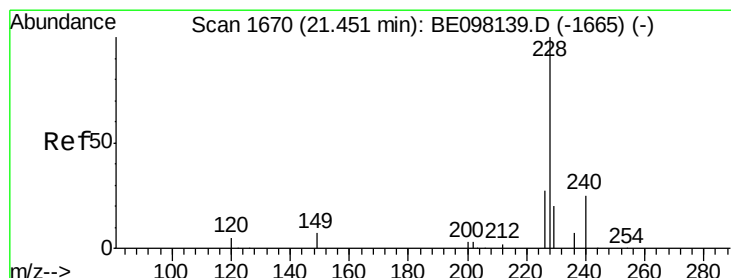
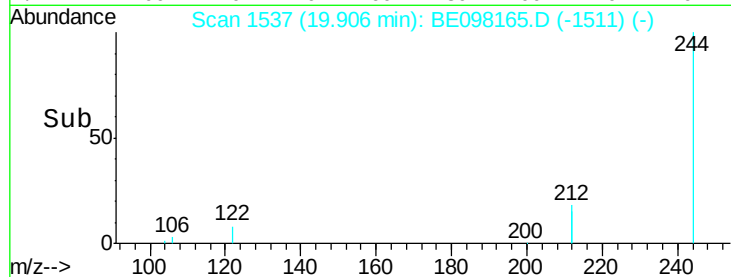
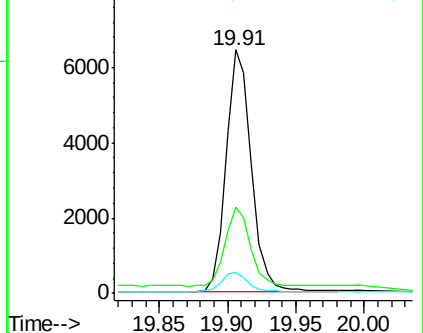
122 8.6 7.7 11.5



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: 0.397 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

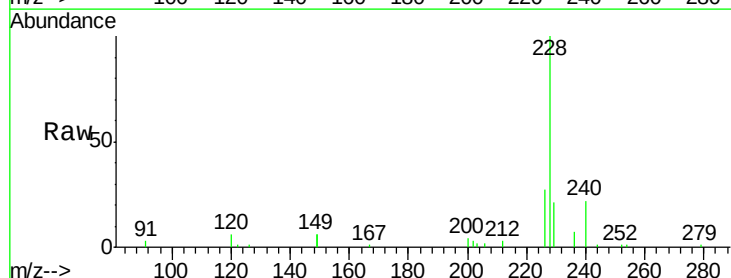
Tgt Ion:228 Resp: 10241

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

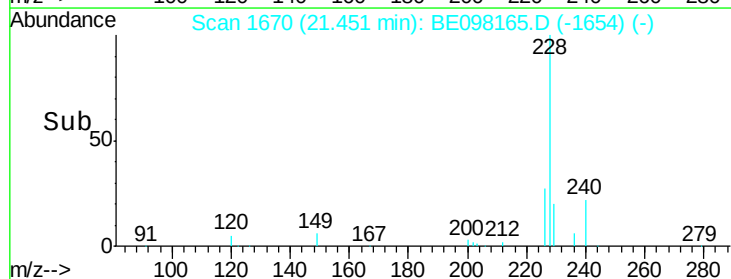
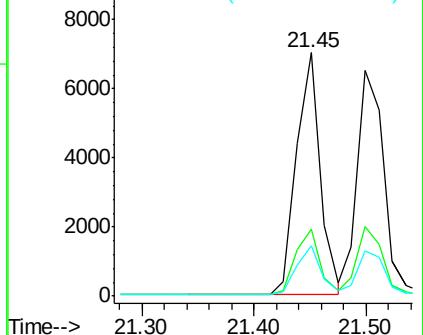
229 20.9 16.9 25.3

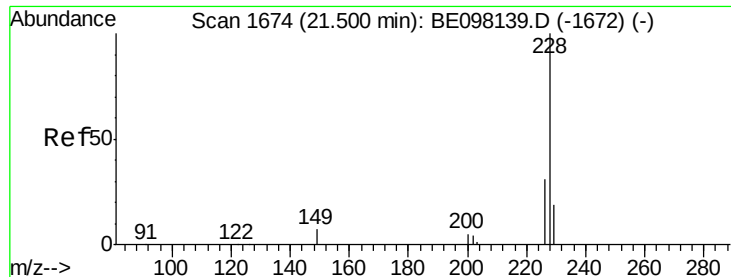


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.406 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

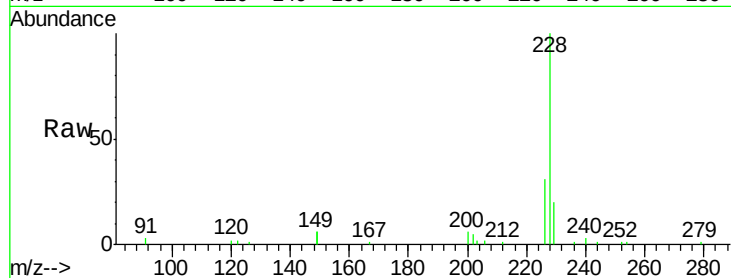
Tgt Ion: 228 Resp: 10365

Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

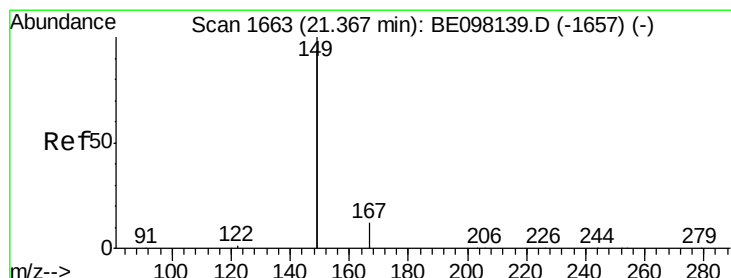
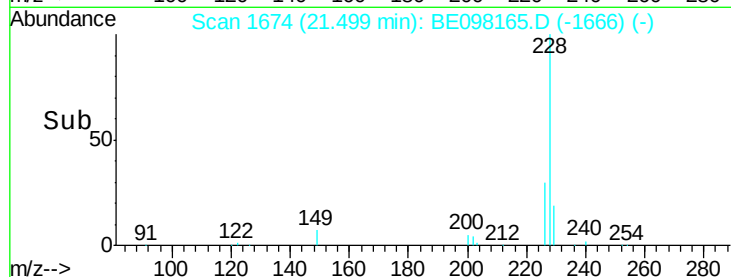
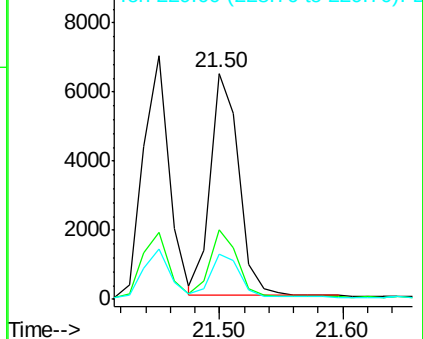
229 20.1 17.3 25.9



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: 0.249 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

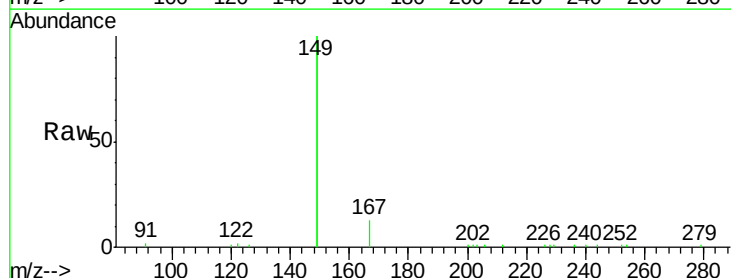
Tgt Ion: 149 Resp: 22812

Ion Ratio Lower Upper

149 100

167 6.8 5.6 8.4

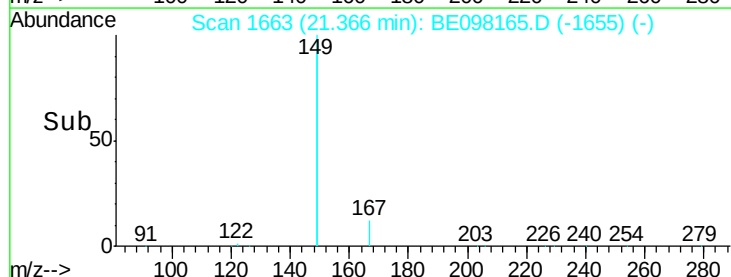
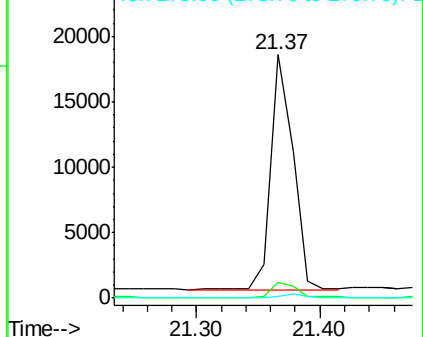
279 1.2 0.9 1.3

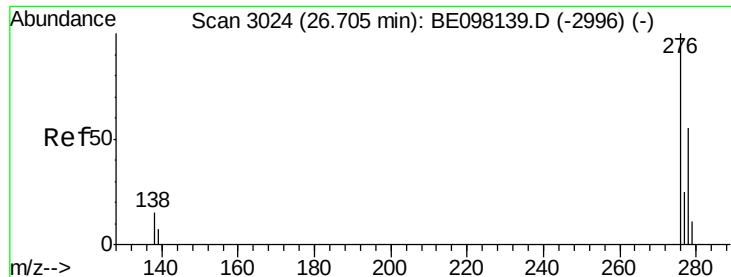


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.383 ng

RT: 26.70 min Scan# 3024

Delta R.T. -0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

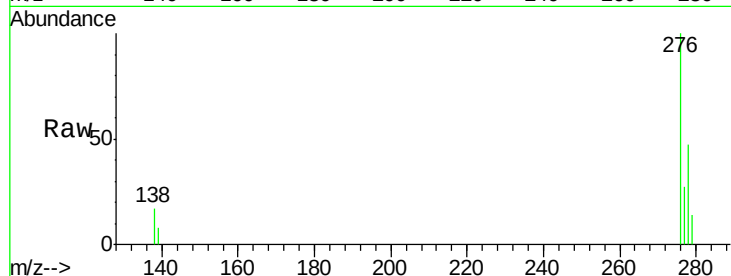
Tgt Ion:276 Resp: 10175

Ion Ratio Lower Upper

276 100

138 16.7 17.0 25.6#

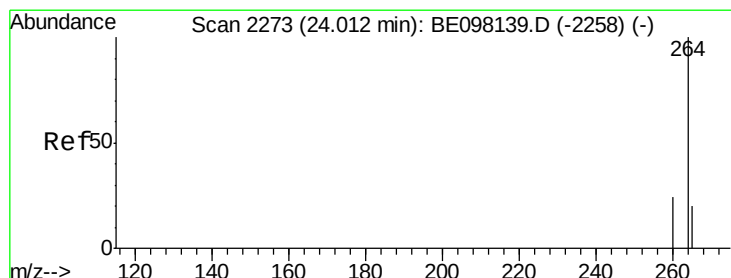
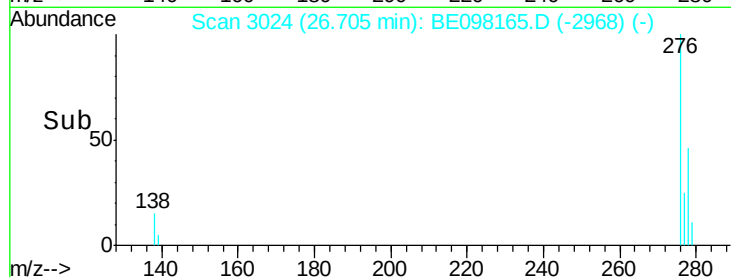
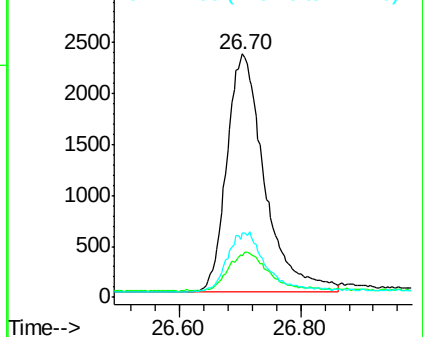
277 25.0 20.5 30.7



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: 24.02 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

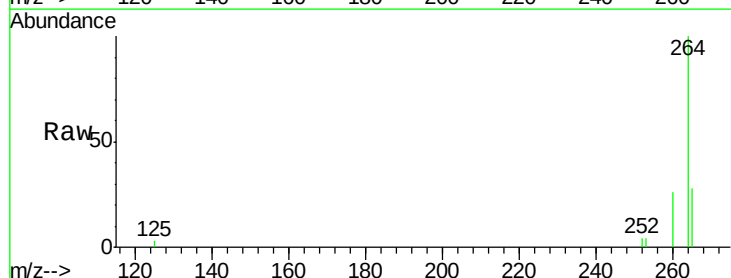
Tgt Ion:264 Resp: 8329

Ion Ratio Lower Upper

264 100

260 25.6 21.1 31.7

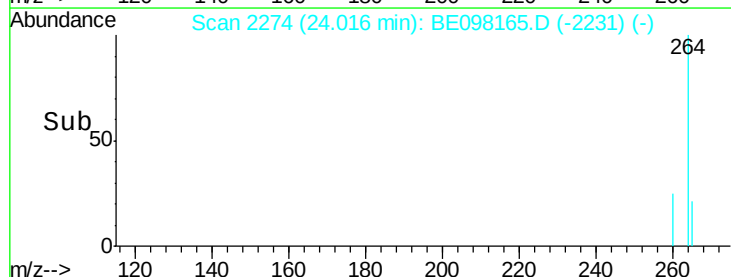
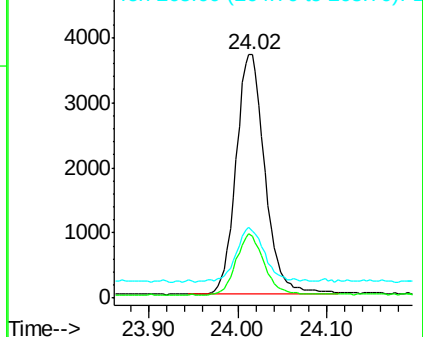
265 27.7 29.2 43.8#

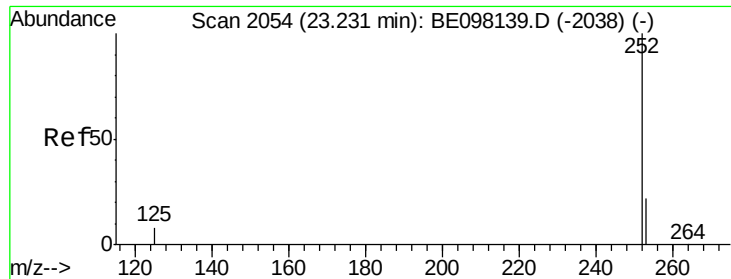


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.409 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

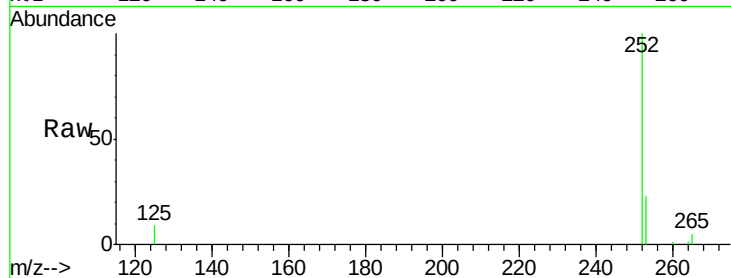
Tgt Ion:252 Resp: 9586

Ion Ratio Lower Upper

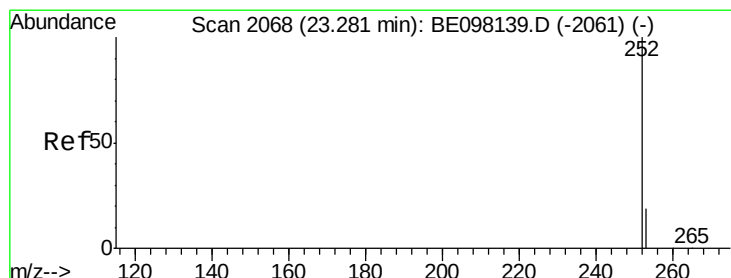
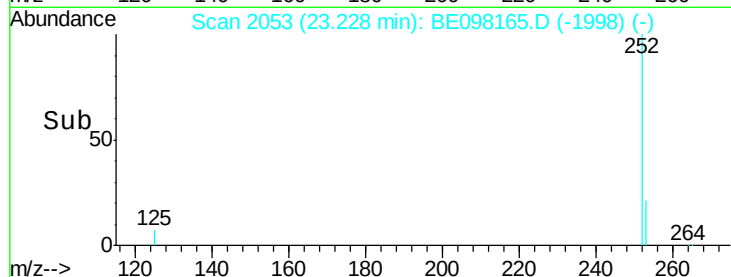
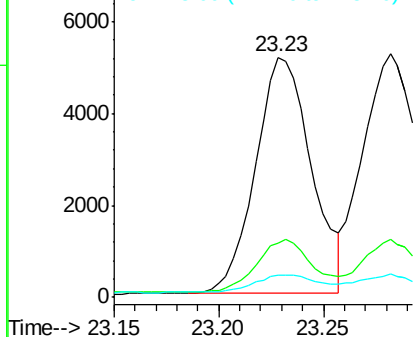
252 100

253 22.7 20.6 31.0

125 9.4 14.3 21.5#



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: 0.416 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BE098165.D

Acq: 7 Nov 2018 9:39

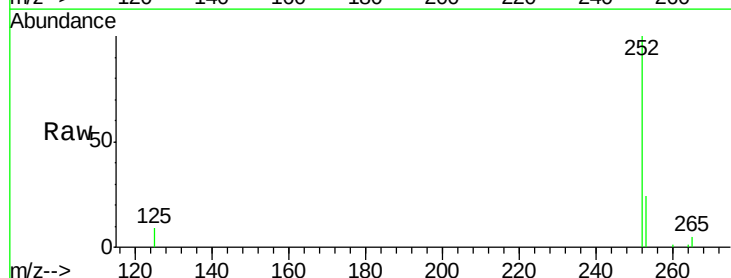
Tgt Ion:252 Resp: 10092

Ion Ratio Lower Upper

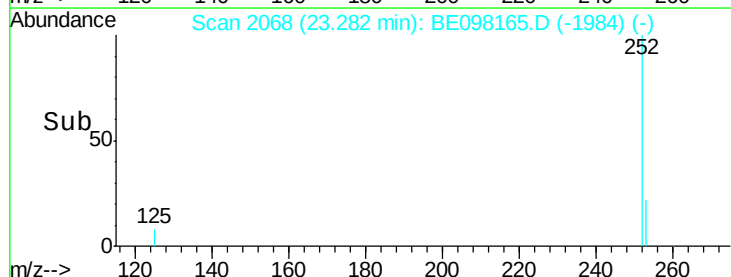
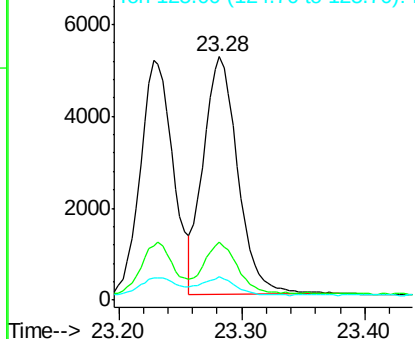
252 100

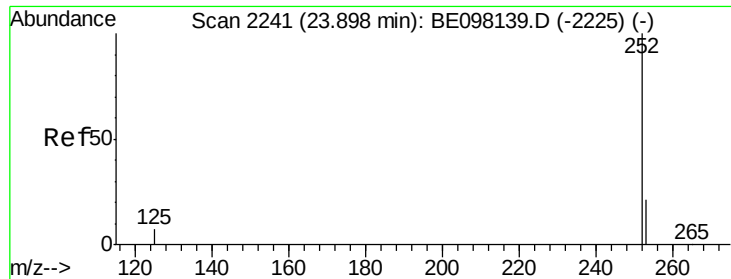
253 23.8 20.4 30.6

125 9.4 14.6 21.8#



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

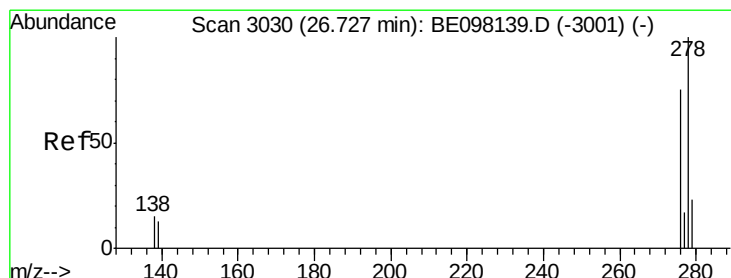
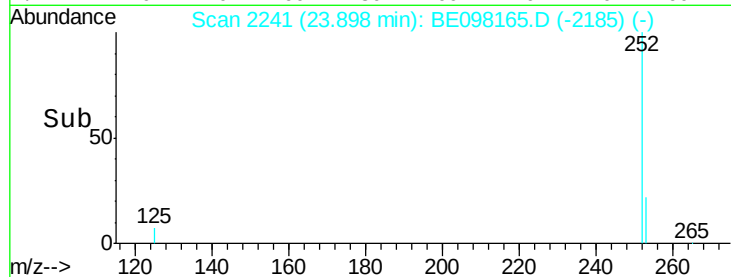
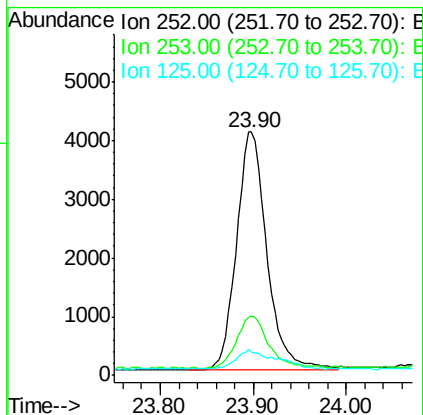
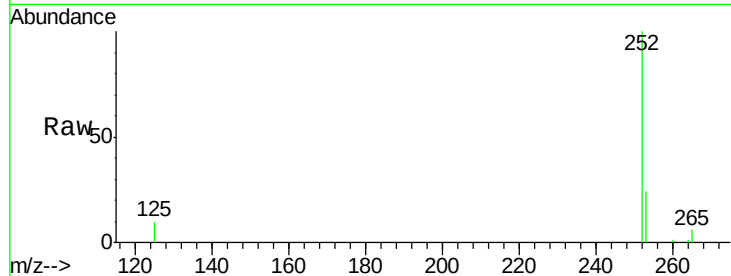




#37
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098165.D
Acq: 7 Nov 2018 9:39

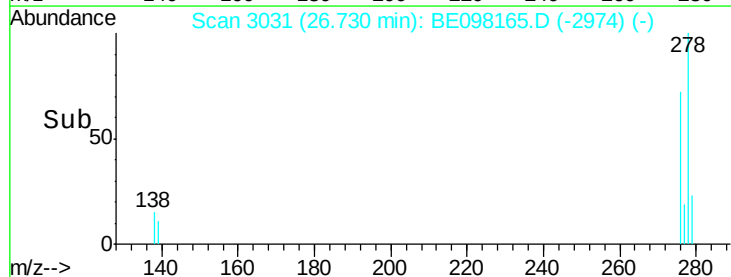
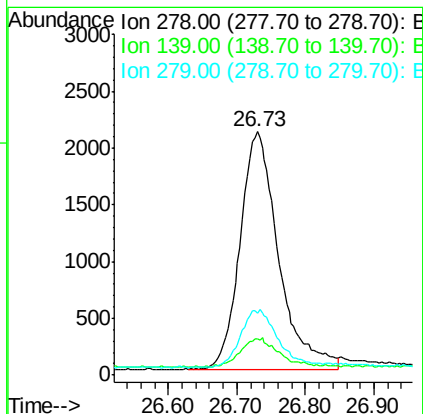
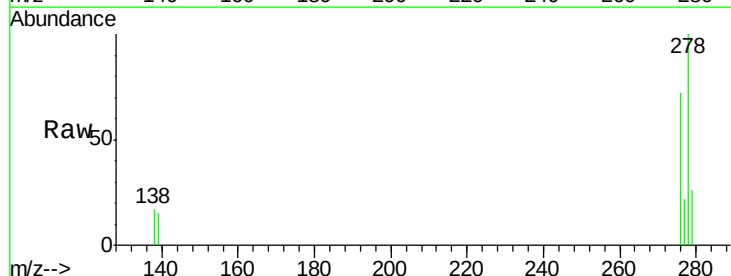
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

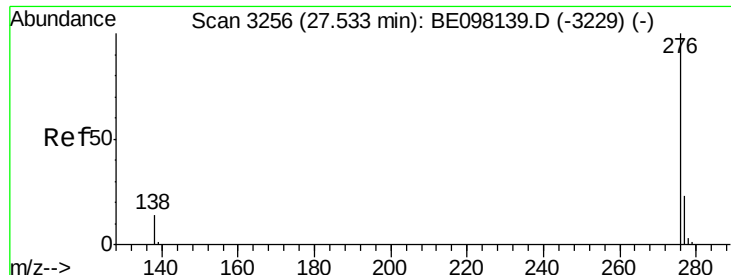
Tgt Ion: 252 Resp: 9302
Ion Ratio Lower Upper
252 100
253 24.3 20.6 31.0
125 9.6 15.6 23.4#



#38
Dibenzo(a,h)anthracene
Concen: 0.383 ng
RT: 26.73 min Scan# 3031
Delta R.T. 0.00 min
Lab File: BE098165.D
Acq: 7 Nov 2018 9:39

Tgt Ion: 278 Resp: 8195
Ion Ratio Lower Upper
278 100
139 14.7 16.3 24.5#
279 25.5 21.4 32.2





#39

Benzo(g,h,i)perylene

Concen: 0.392 ng

RT: 27.53 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BE098165.D

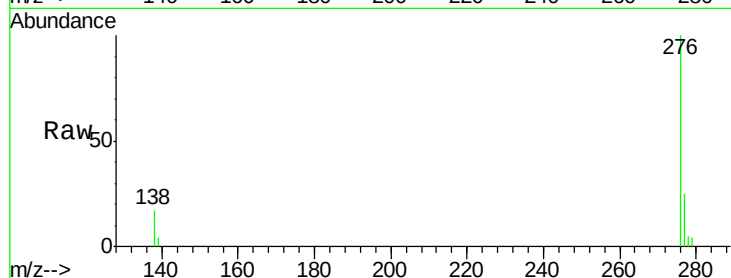
Acq: 7 Nov 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 8353

Ion Ratio Lower Upper

276 100

277 25.2 22.1 33.1

138 17.3 19.3 28.9

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

