

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
 Data File : BE098318.D
 Acq On : 11 Dec 2018 4:02
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 11 07:21:58 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	7.86	152	1620	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6881	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4186	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10810	0.40	ng	0.00
27) Chrysene-d12	21.46	240	13538	0.40	ng	0.00
34) Perylene-d12	24.01	264	13098	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	1556	0.41	ng	0.00
5) Phenol-d6	7.04	99	2141	0.40	ng	0.00
8) Nitrobenzene-d5	9.03	82	2454	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	4422	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	594	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	6629	0.38	ng	0.00
25) Fluoranthene-d10	19.31	212	58297	0.42	ng	0.00
29) Terphenyl-d14	19.91	244	11067	0.34	ng	0.00

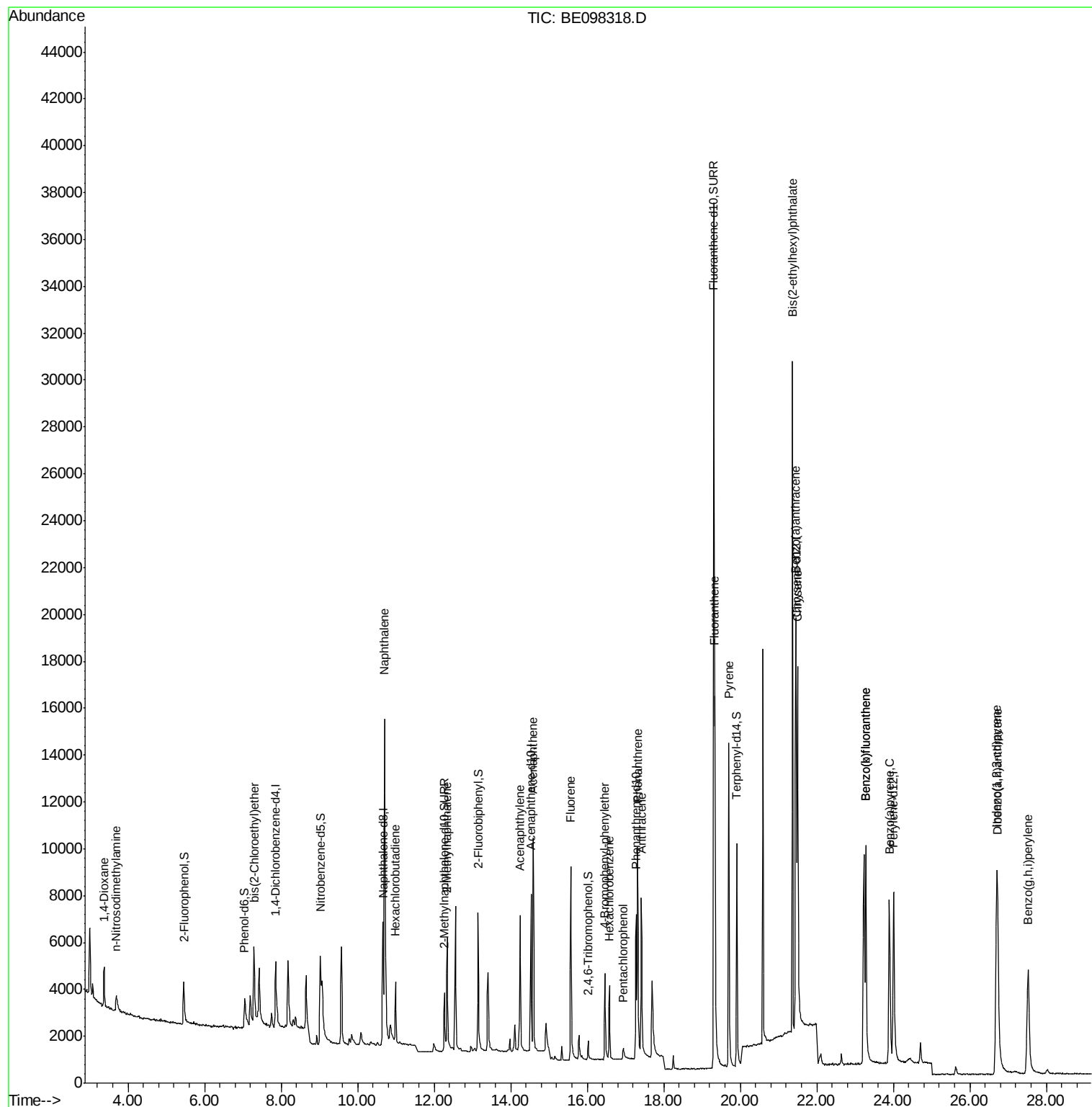
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	1095	0.391	ng	96
3) n-Nitrosodimethylamine	3.69	42	800	0.317	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1820	0.357	ng	100
9) Naphthalene	10.70	128	27207	0.393	ng	100
10) Hexachlorobutadiene	10.99	225	1751	0.397	ng	97
12) 2-Methylnaphthalene	12.34	142	4242	0.377	ng	99
16) Acenaphthylene	14.24	152	7531	0.384	ng	98
17) Acenaphthene	14.59	154	4415	0.375	ng	95
18) Fluorene	15.57	166	5980	0.379	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	2249	0.387	ng	92
21) Hexachlorobenzene	16.58	284	2544	0.407	ng	98
22) Pentachlorophenol	16.94	266	448	0.439	ng	98
23) Phenanthrene	17.31	178	10138	0.386	ng	99
24) Anthracene	17.41	178	8898	0.380	ng	99
26) Fluoranthene	19.34	202	14718	0.423	ng	99
28) Pyrene	19.70	202	14836	0.349	ng	100
30) Benzo(a)anthracene	21.45	228	14445	0.375	ng	100
31) Chrysene	21.50	228	15830	0.392	ng	98
32) Bis(2-ethylhexyl)phthalate	21.36	149	29976	0.383	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	16072	0.400	ng	99
35) Benzo(b)fluoranthene	23.28	252	16473	0.460	ng	96
36) Benzo(k)fluoranthene	23.28	252	16783	0.402	ng	98
37) Benzo(a)pyrene	23.89	252	14092	0.381	ng	97
38) Dibenzo(a,h)anthracene	26.73	278	13427	0.386	ng	97
39) Benzo(g,h,i)perylene	27.52	276	13532	0.386	ng	99

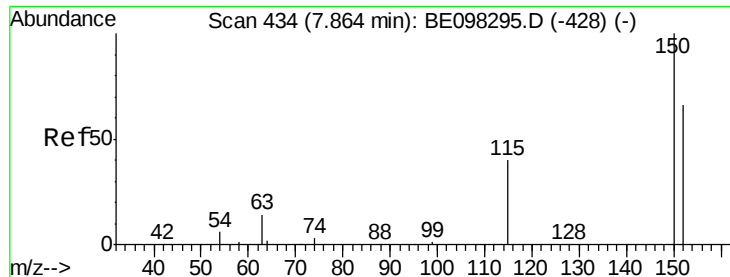
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

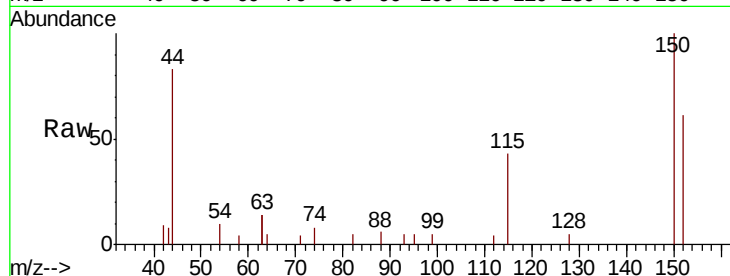
Tgt Ion:152 Resp: 1620

Ion Ratio Lower Upper

152 100

150 164.0 124.2 186.4

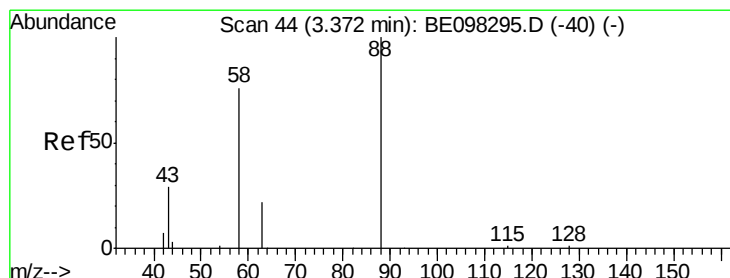
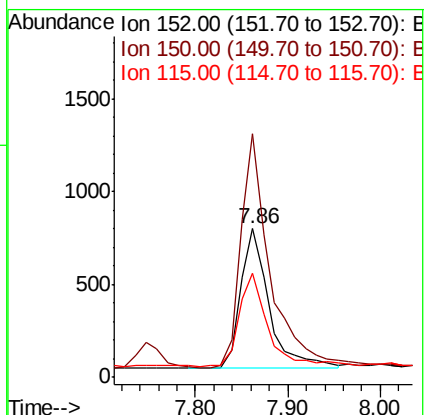
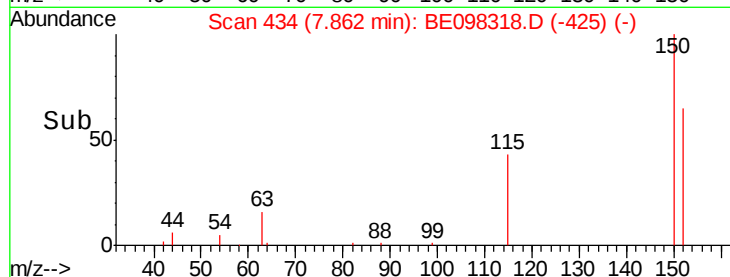
115 70.3 53.9 80.9



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: 0.391 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

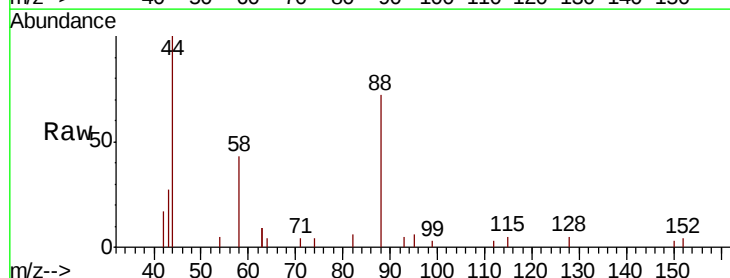
Tgt Ion: 88 Resp: 1095

Ion Ratio Lower Upper

88 100

58 92.2 75.0 112.6

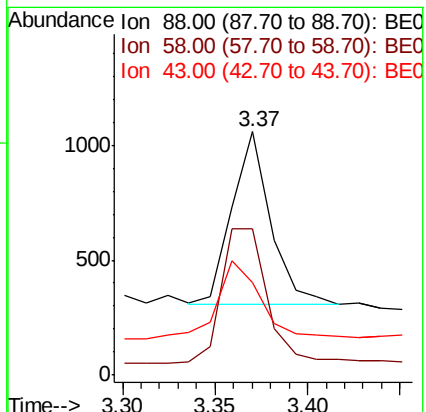
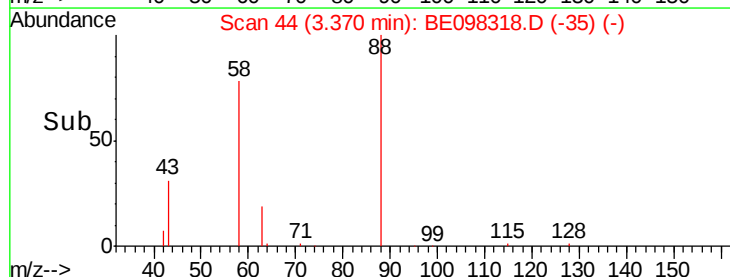
43 53.2 38.3 57.5

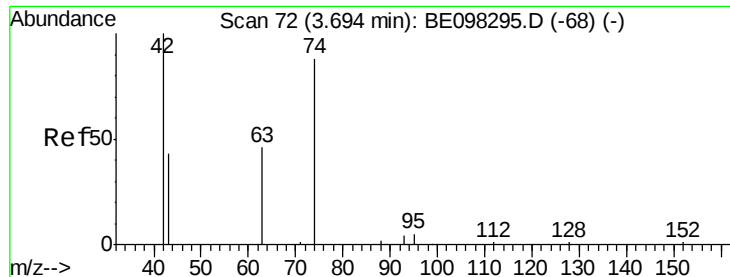


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.317 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

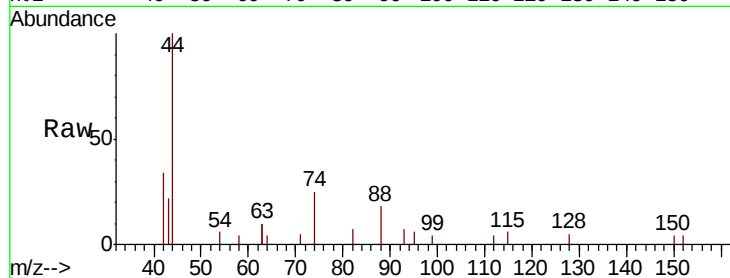
Tgt Ion: 42 Resp: 800

Ion Ratio Lower Upper

42 100

74 85.4 0.0 0.0#

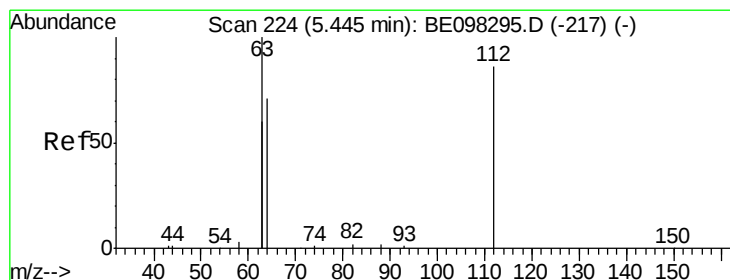
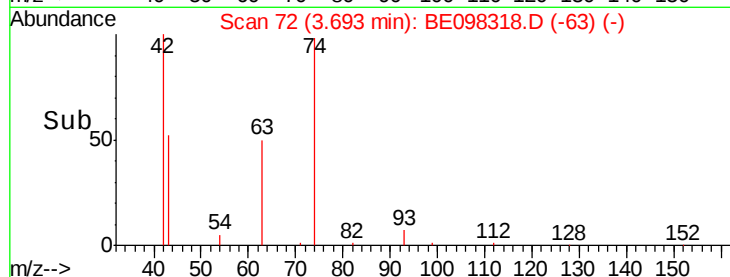
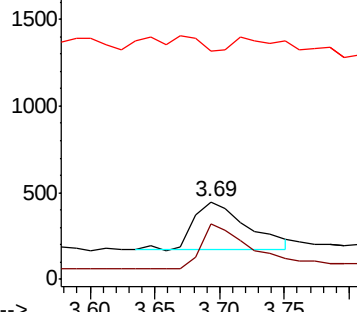
44 0.0 0.0 0.0



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: 0.410 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

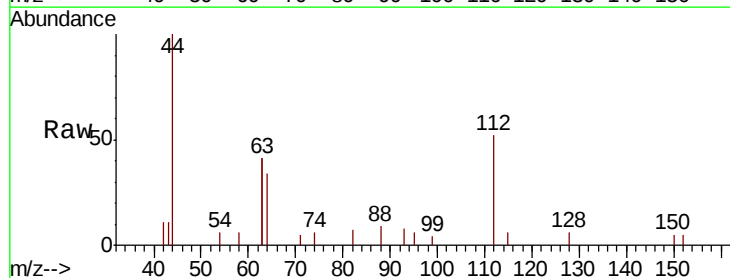
Tgt Ion: 112 Resp: 1556

Ion Ratio Lower Upper

112 100

64 76.7 59.8 89.8

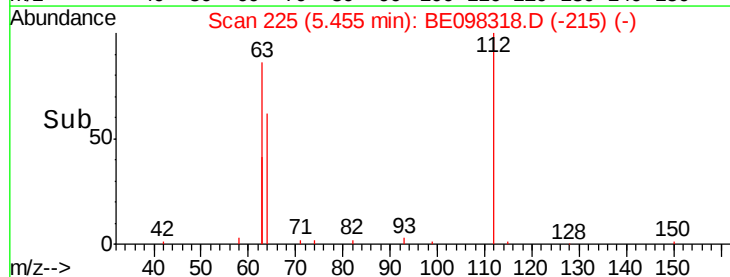
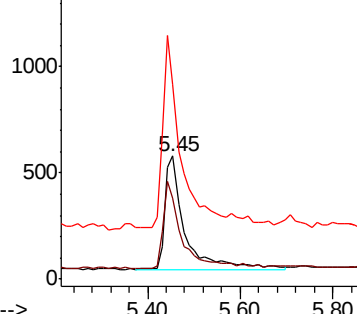
63 150.6 133.7 200.5

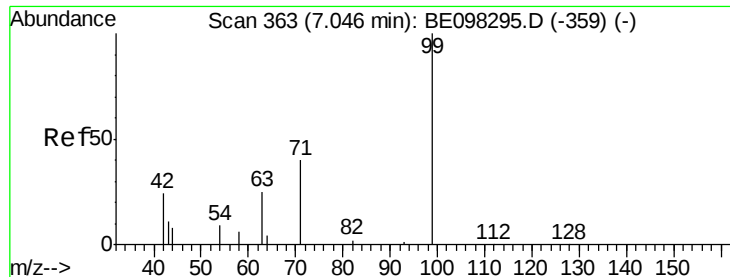


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.399 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

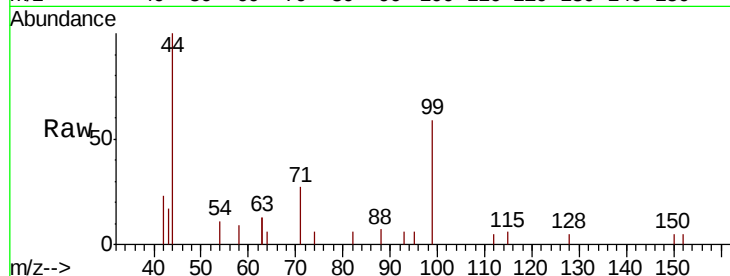
Tgt Ion: 99 Resp: 2141

Ion Ratio Lower Upper

99 100

42 29.2 26.3 39.5

71 36.8 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

7.04

600

400

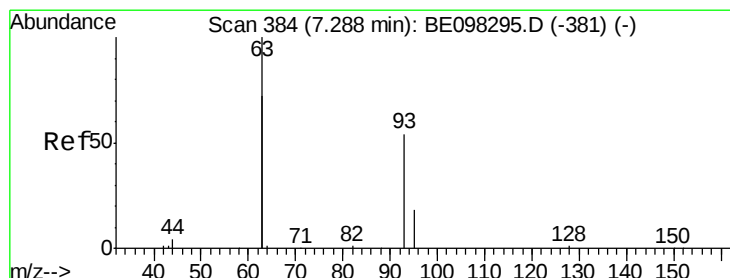
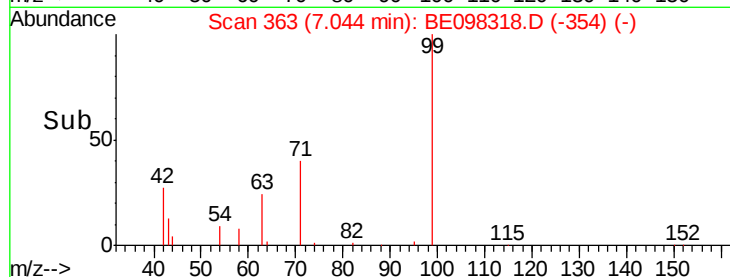
200

0

7.00

7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.357 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

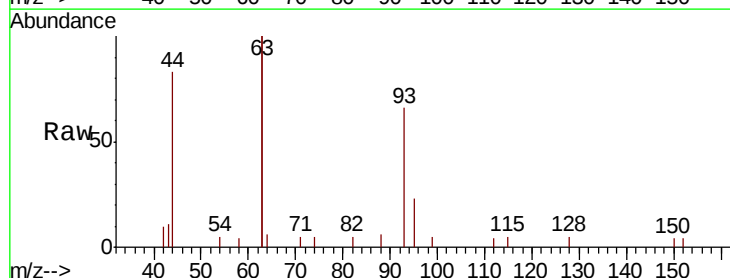
Tgt Ion: 93 Resp: 1820

Ion Ratio Lower Upper

93 100

63 329.7 264.4 396.6

95 32.7 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

7.29

3000

2000

1000

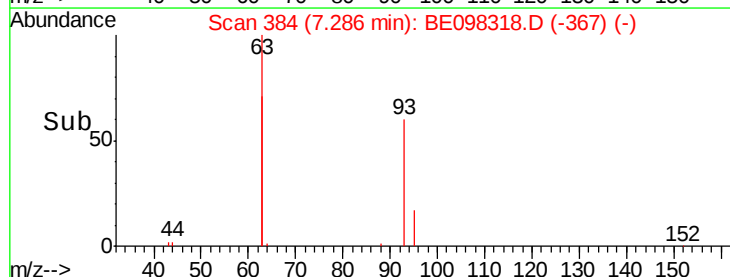
0

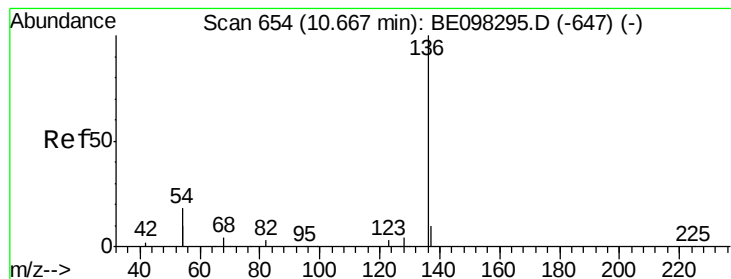
7.20

7.30

7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 6881

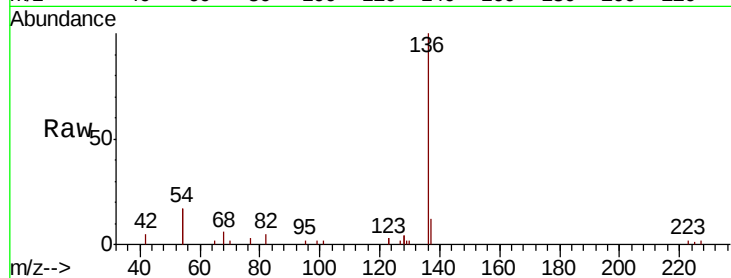
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 33.5 28.4 42.6

68 5.9 5.4 8.0

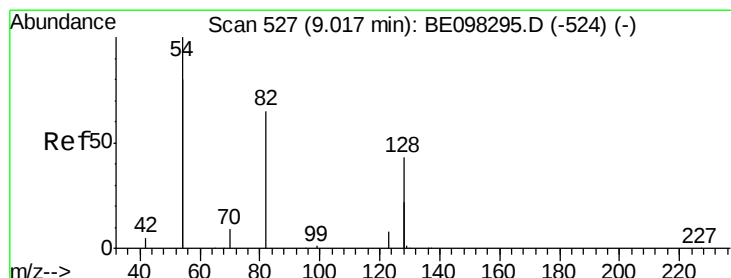
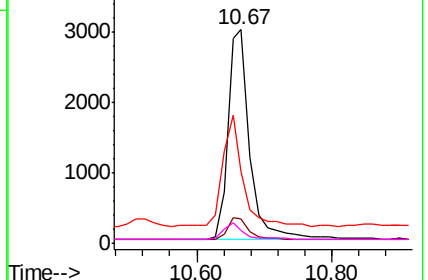
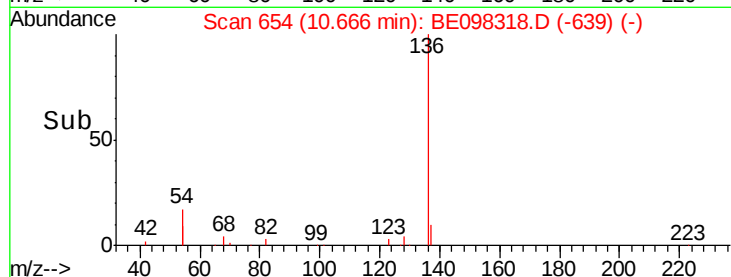


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.392 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

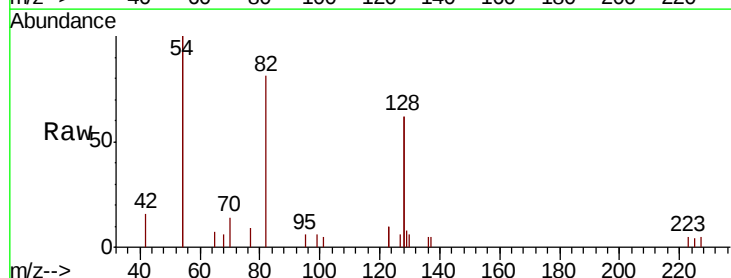
Tgt Ion: 82 Resp: 2454

Ion Ratio Lower Upper

82 100

128 153.2 102.4 153.6

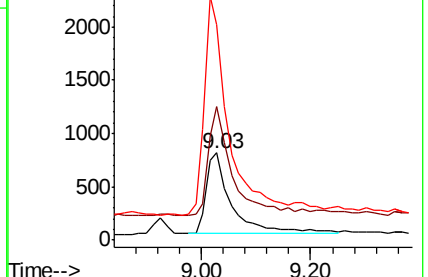
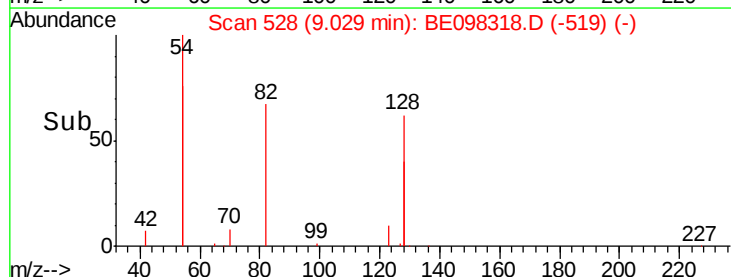
54 246.3 221.8 332.8

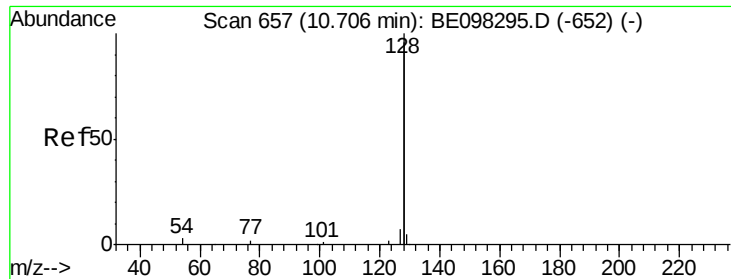


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.393 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

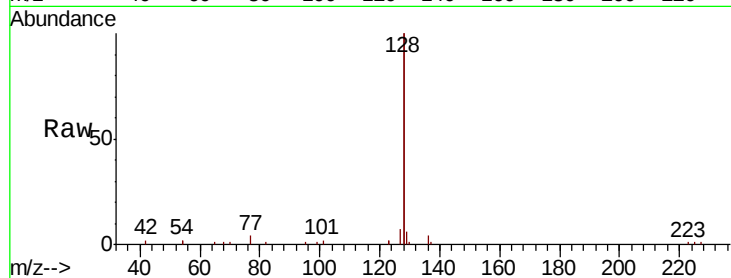
Tgt Ion:128 Resp: 27207

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

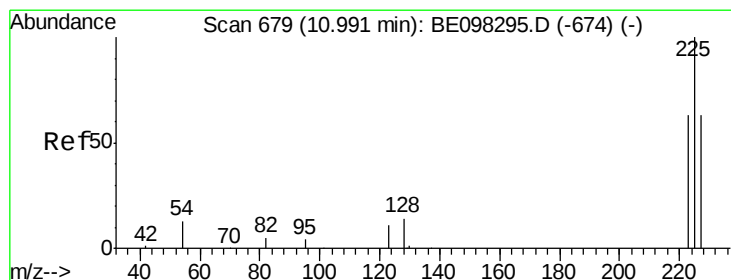
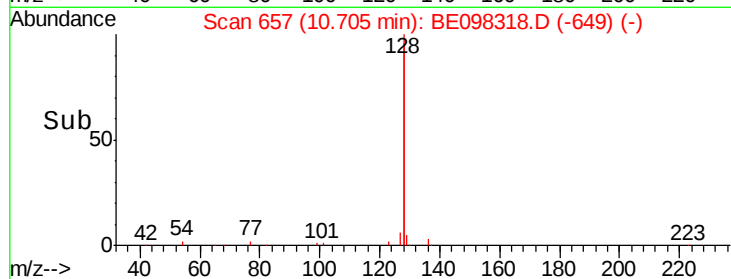
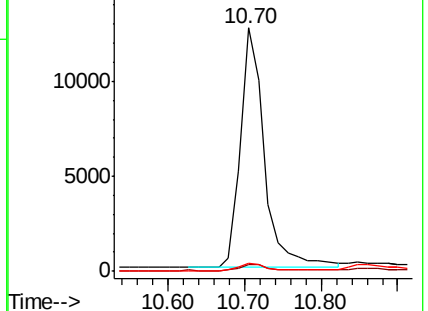
127 3.5 2.7 4.1



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: 0.397 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

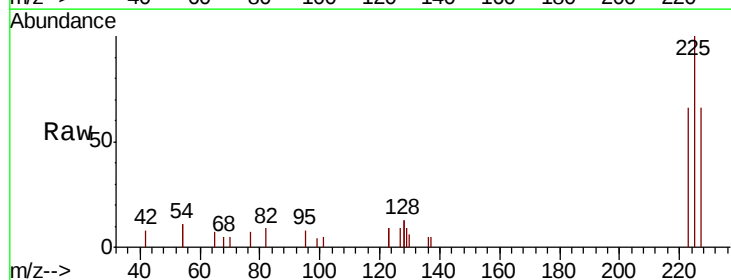
Tgt Ion:225 Resp: 1751

Ion Ratio Lower Upper

225 100

223 64.6 49.4 74.0

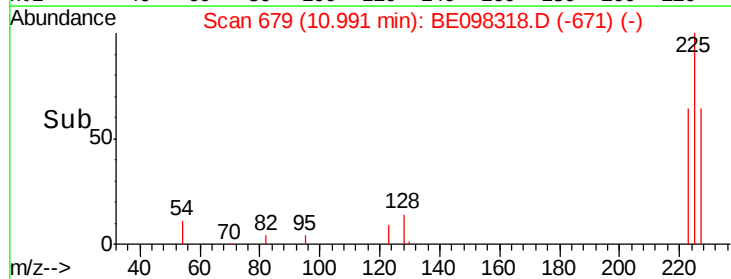
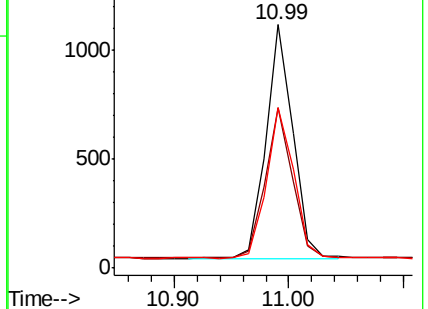
227 66.2 52.0 78.0

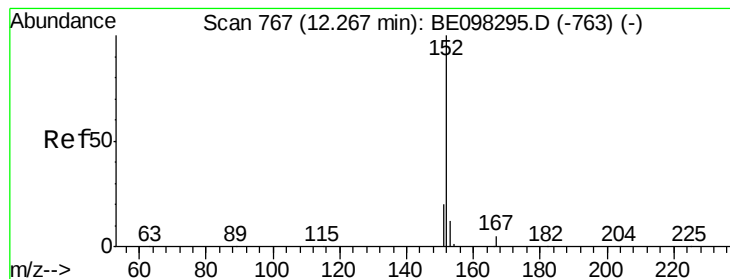


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.395 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

Instrument :

BNA_E

ClientSampleId :

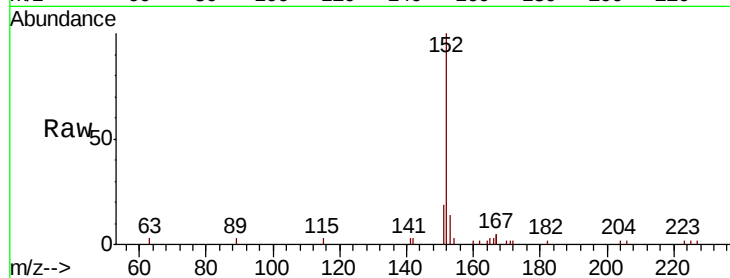
SSTDCCC0.4

Tgt Ion:152 Resp: 4422

Ion Ratio Lower Upper

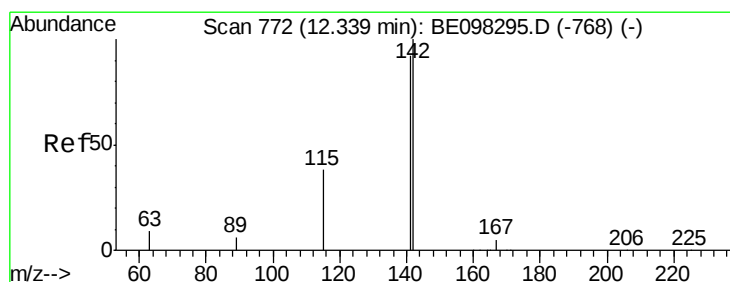
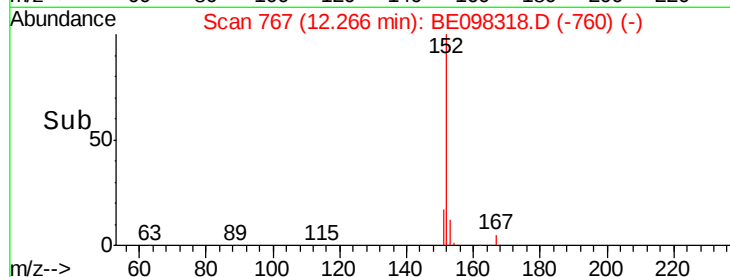
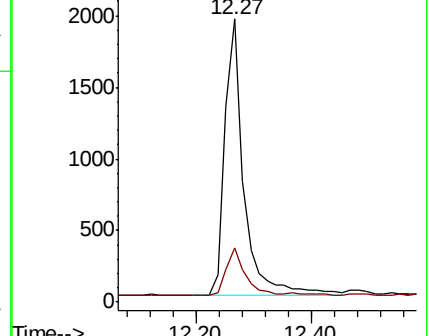
152 100

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



#12

2-Methylnaphthalene

Concen: 0.377 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

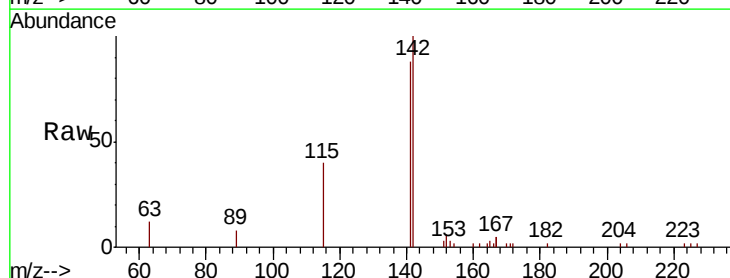
Tgt Ion:142 Resp: 4242

Ion Ratio Lower Upper

142 100

141 87.6 71.0 106.6

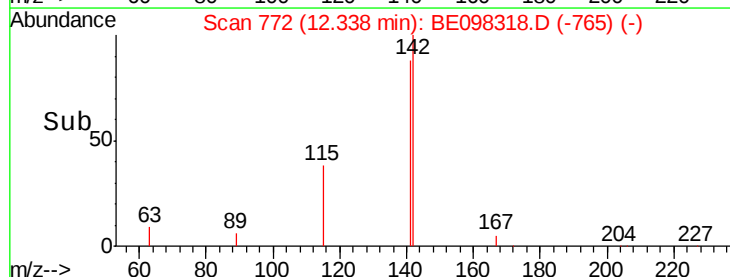
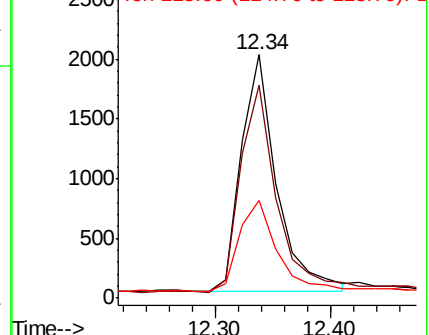
115 40.3 32.2 48.2

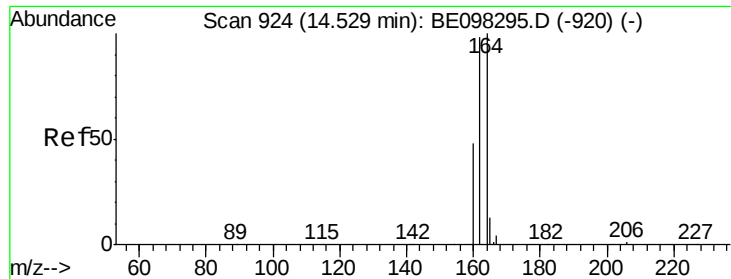


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

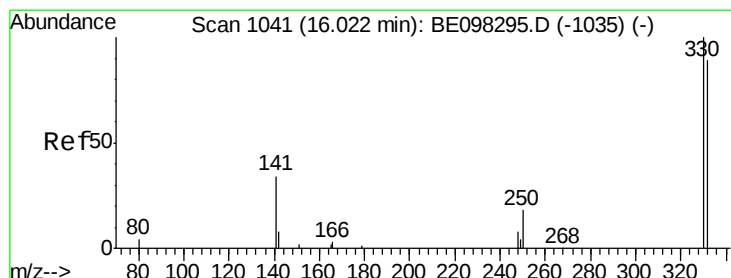
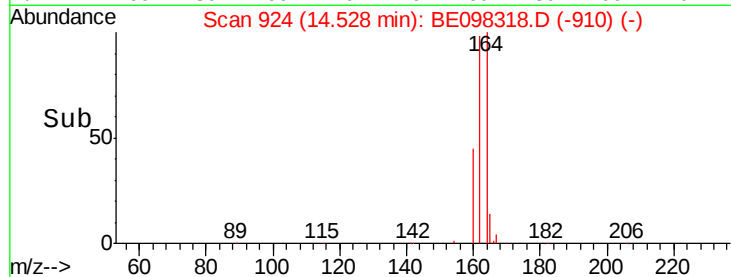
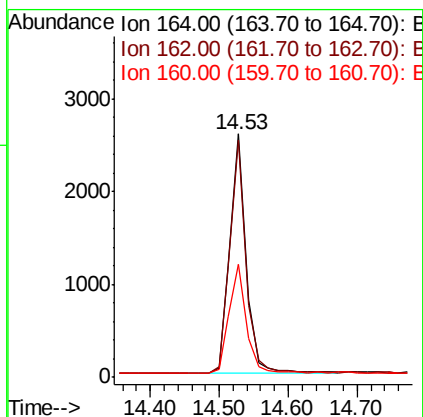
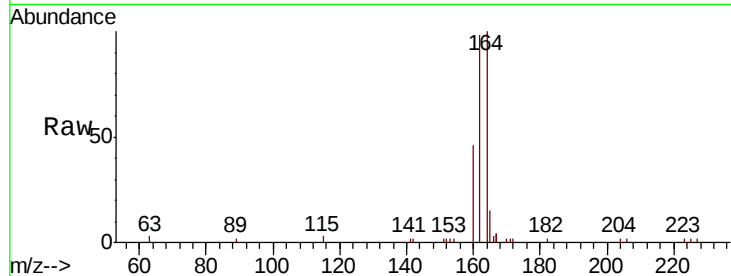




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098318.D
Acq: 11 Dec 2018 4:02

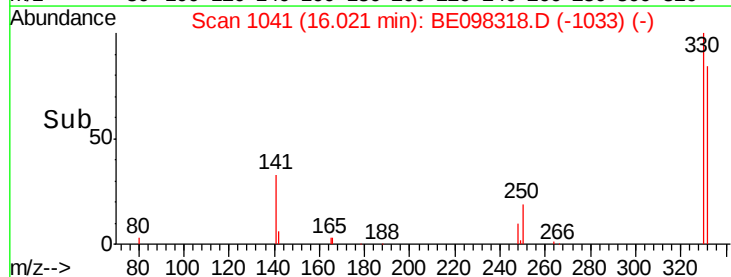
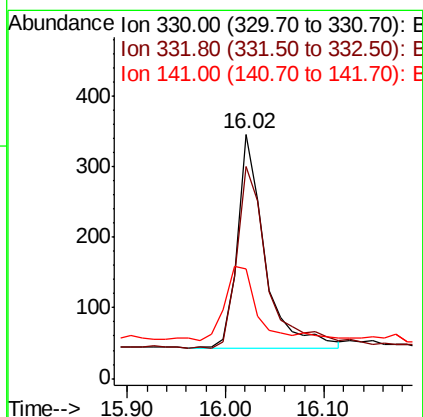
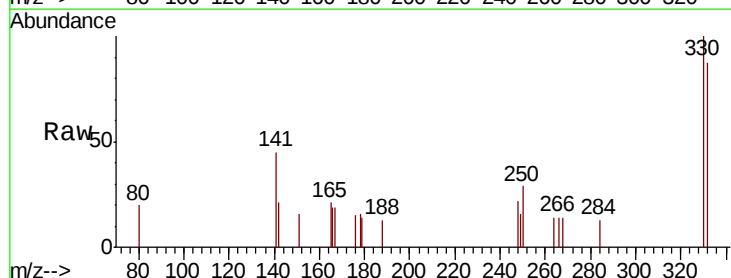
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

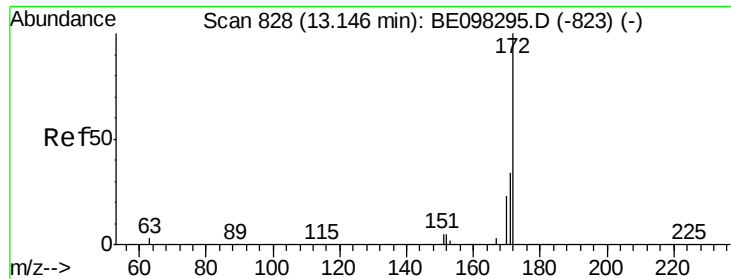
Tgt Ion:164 Resp: 4186
Ion Ratio Lower Upper
164 100
162 97.7 77.6 116.4
160 46.4 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098318.D
Acq: 11 Dec 2018 4:02

Tgt Ion:330 Resp: 594
Ion Ratio Lower Upper
330 100
332 99.3 76.2 114.4
141 41.2 39.0 58.4

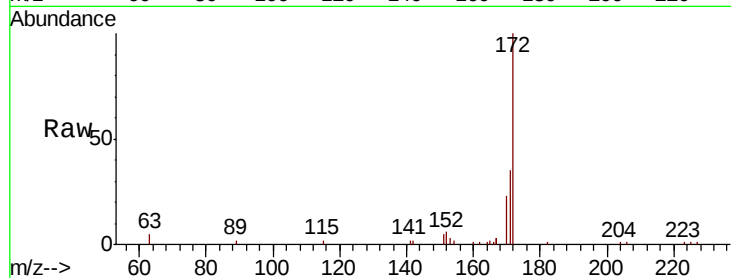




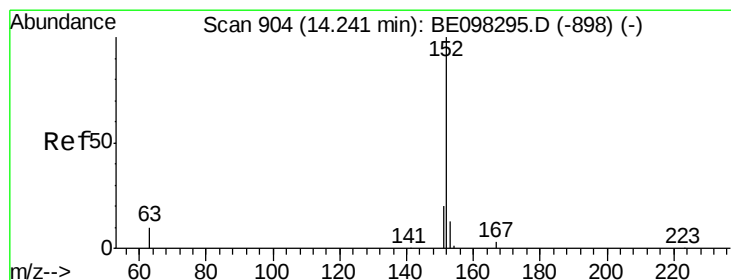
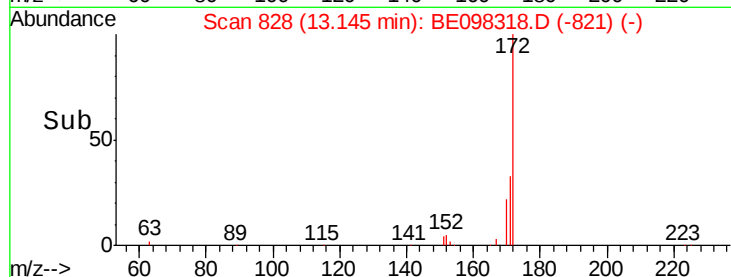
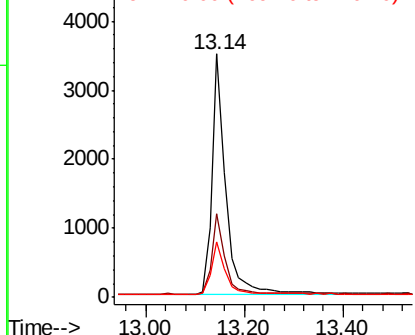
#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098318.D
Acq: 11 Dec 2018 4:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6629
Ion Ratio Lower Upper
172 100
171 34.5 27.5 41.3
170 22.7 19.6 29.4

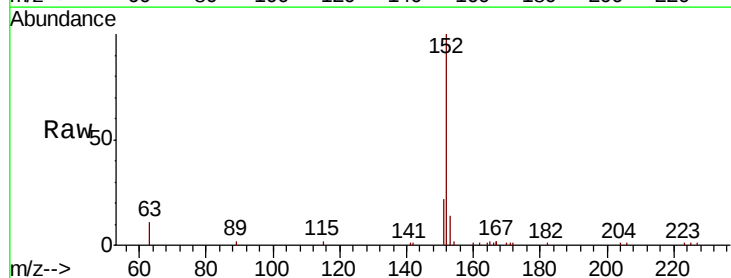


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

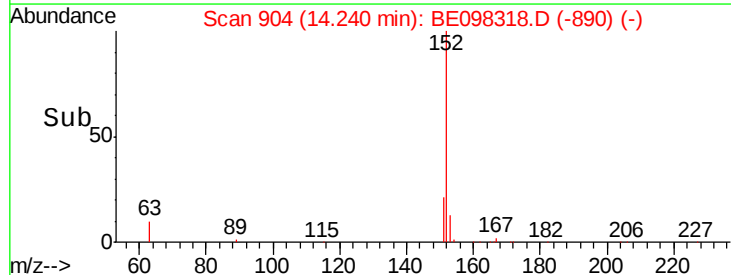
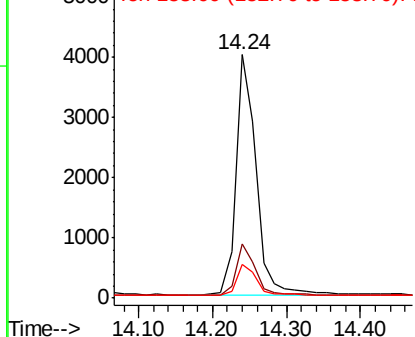


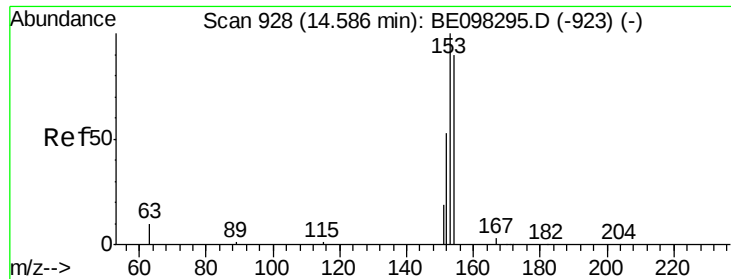
#16
Acenaphthylene
Concen: 0.384 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098318.D
Acq: 11 Dec 2018 4:02

Tgt Ion:152 Resp: 7531
Ion Ratio Lower Upper
152 100
151 20.7 15.5 23.3
153 12.8 10.6 16.0



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

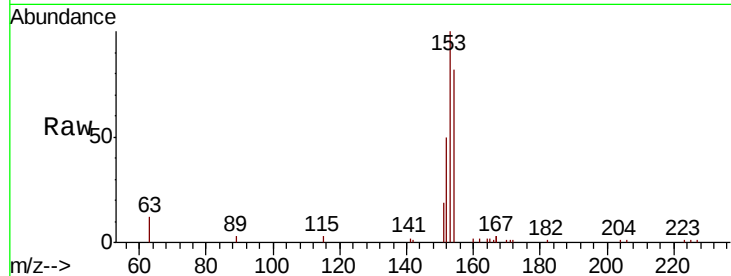




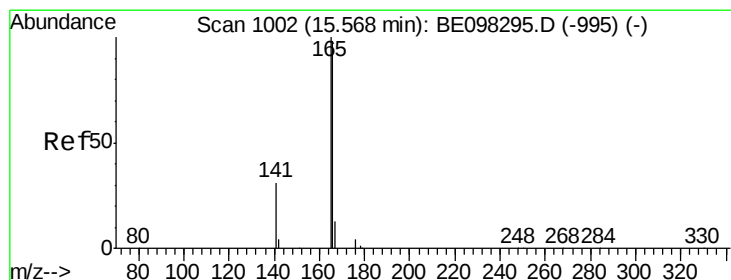
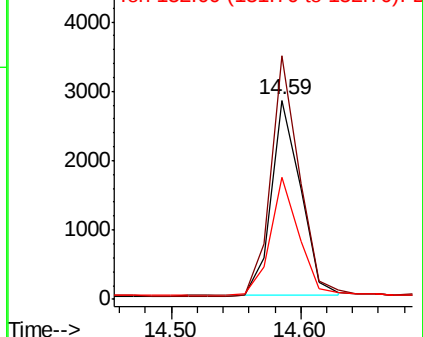
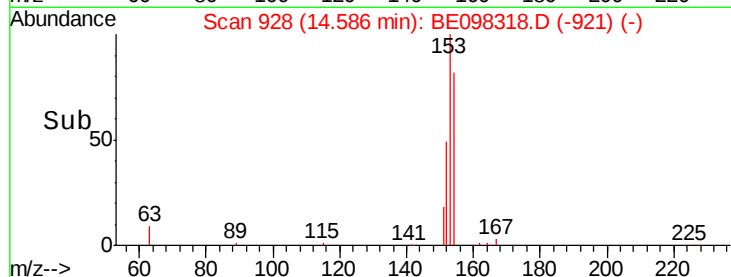
#17
Acenaphthene
Concen: 0.375 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098318.D
Acq: 11 Dec 2018 4:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4415
Ion Ratio Lower Upper
154 100
153 120.1 91.8 137.6
152 59.9 45.5 68.3

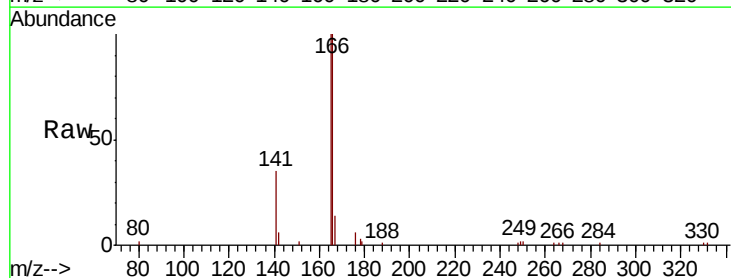


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

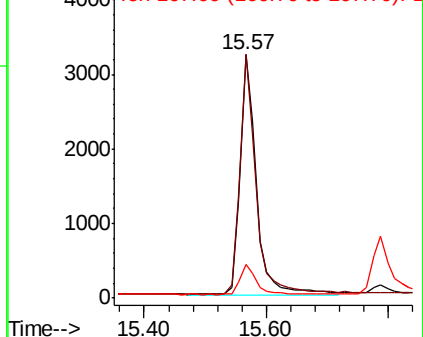
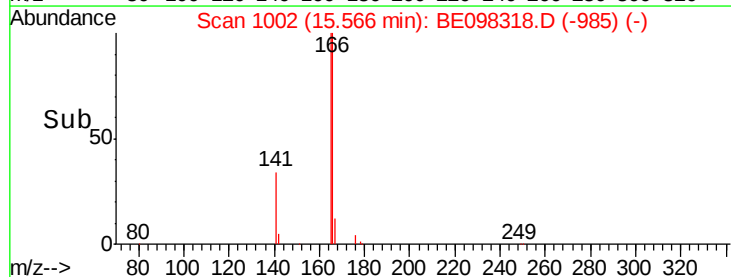


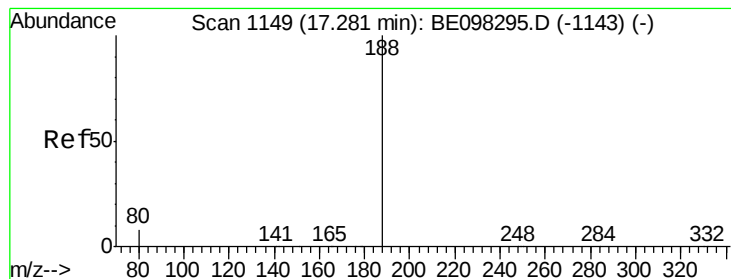
#18
Fluorene
Concen: 0.379 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098318.D
Acq: 11 Dec 2018 4:02

Tgt Ion:166 Resp: 5980
Ion Ratio Lower Upper
166 100
165 98.3 79.3 118.9
167 12.5 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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

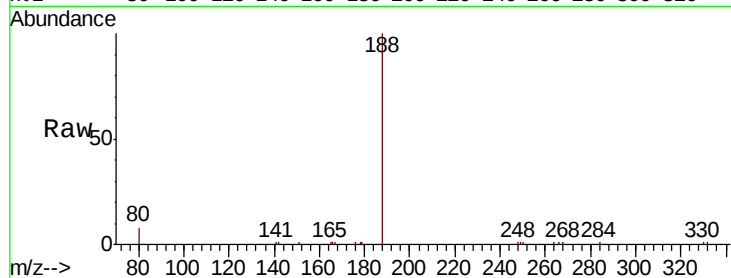
Tgt Ion:188 Resp: 10810

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

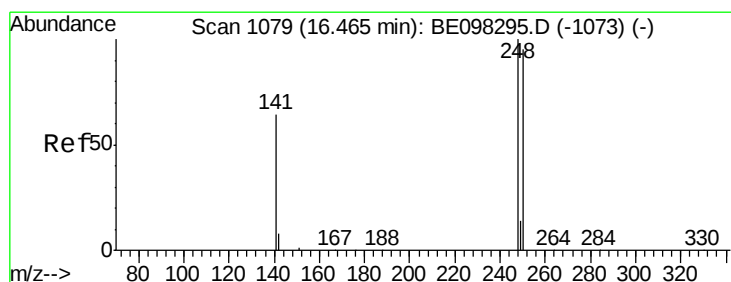
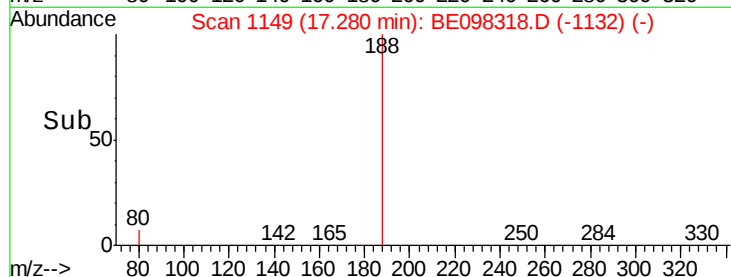
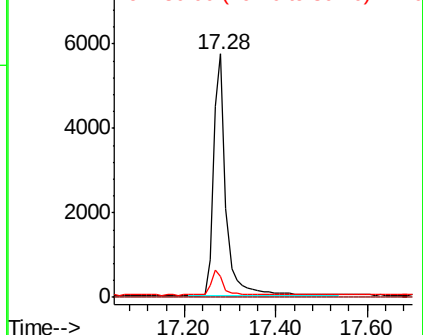
80 8.5 7.2 10.8



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



#20

4-Bromophenyl-phenylether

Concen: 0.387 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

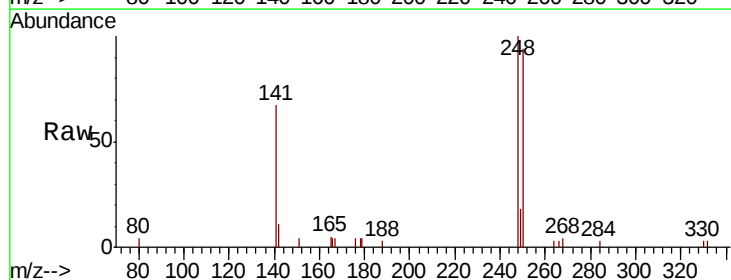
Tgt Ion:248 Resp: 2249

Ion Ratio Lower Upper

248 100

250 93.9 71.0 106.6

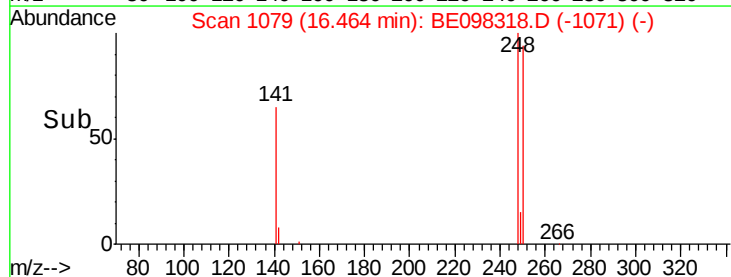
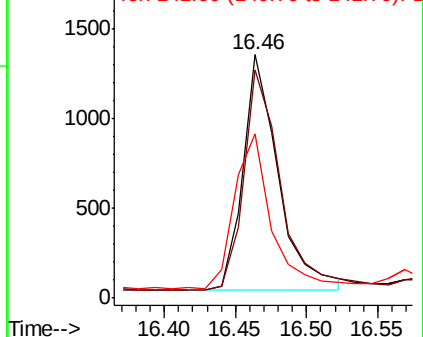
141 67.4 62.1 93.1

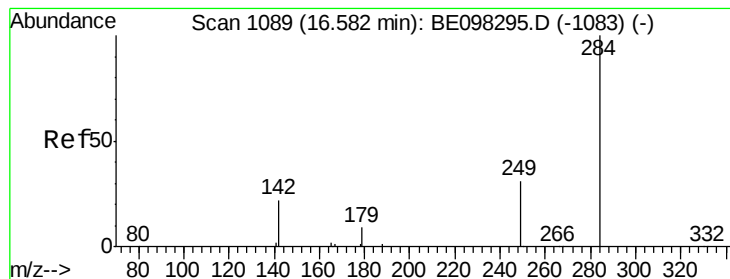


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.407 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

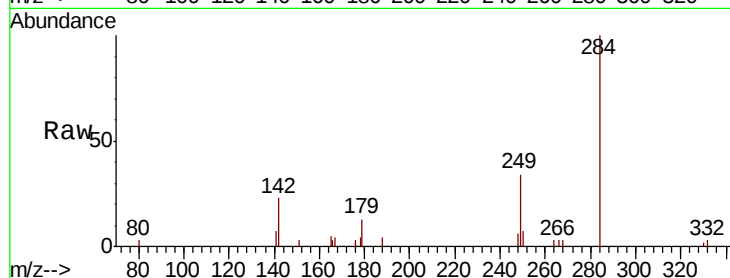
Tgt Ion:284 Resp: 2544

Ion Ratio Lower Upper

284 100

142 34.6 26.3 39.5

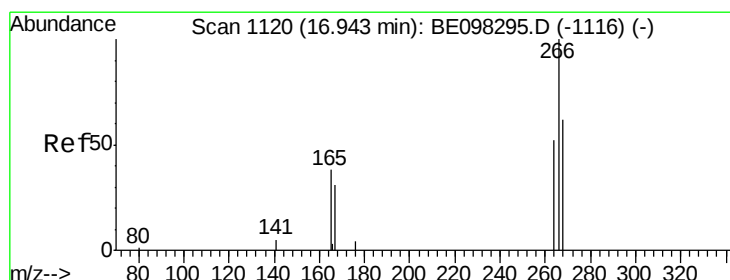
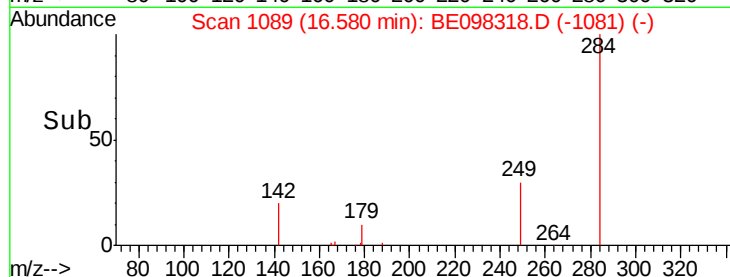
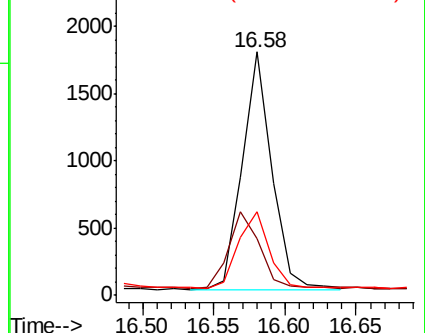
249 32.8 26.0 39.0



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: 0.439 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

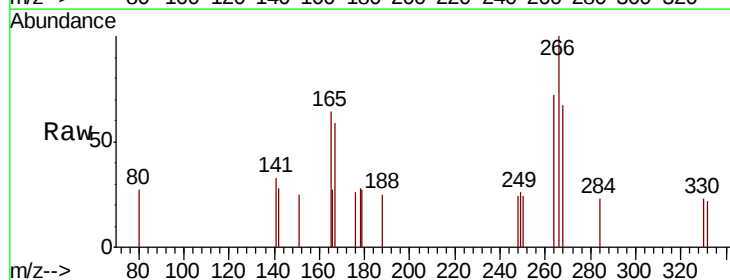
Tgt Ion:266 Resp: 448

Ion Ratio Lower Upper

266 100

264 72.1 59.0 88.4

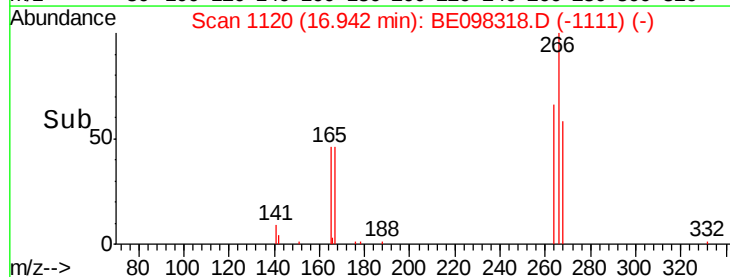
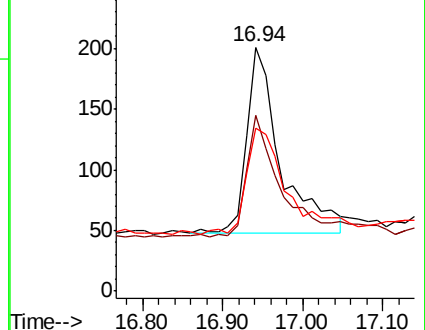
268 66.7 55.1 82.7

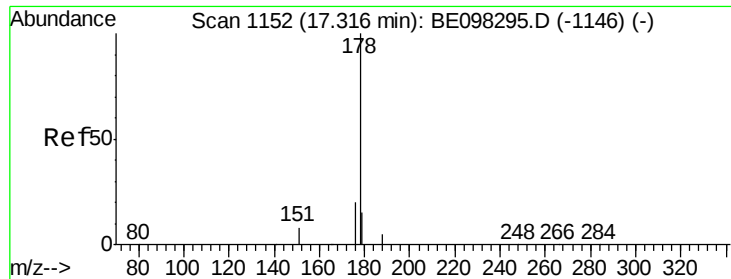


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.386 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

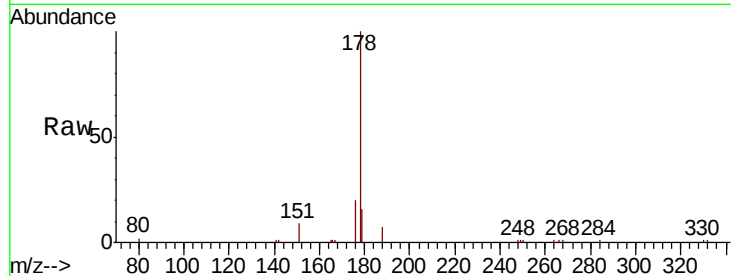
Tgt Ion:178 Resp: 10138

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

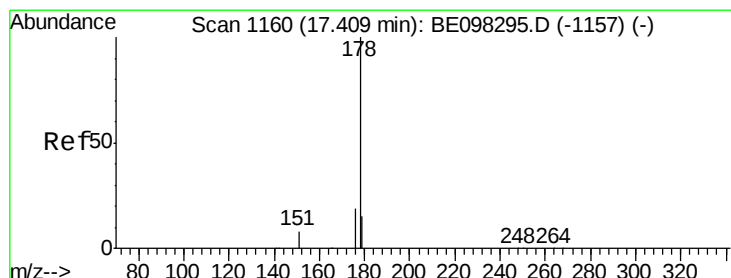
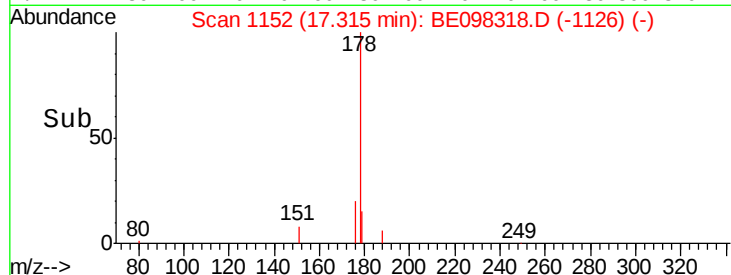
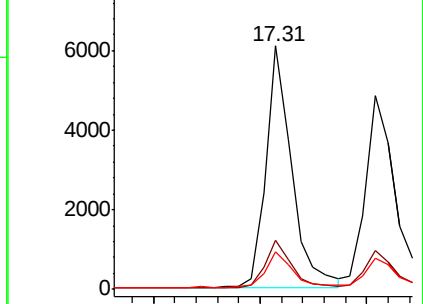
179 15.8 12.3 18.5



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: 0.380 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

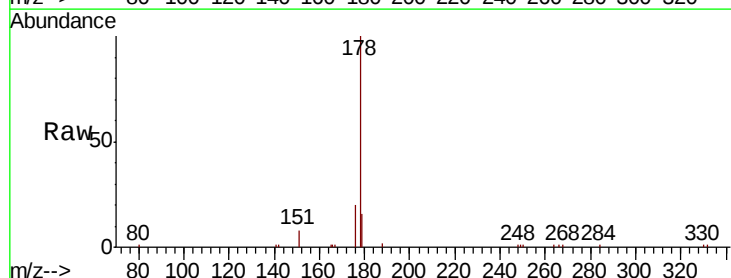
Tgt Ion:178 Resp: 8898

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

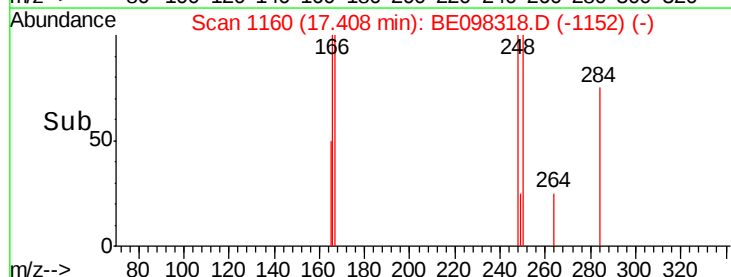
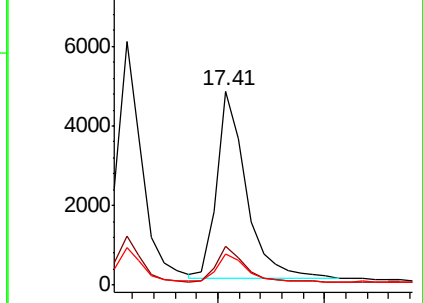
179 15.1 12.3 18.5

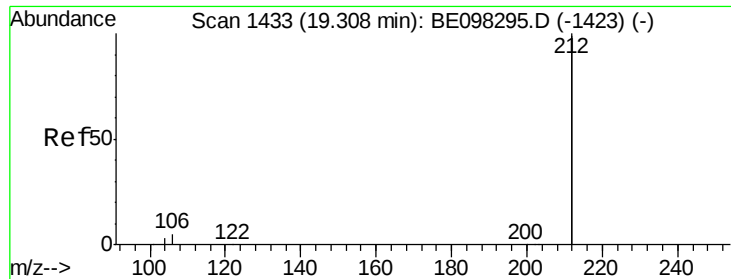


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

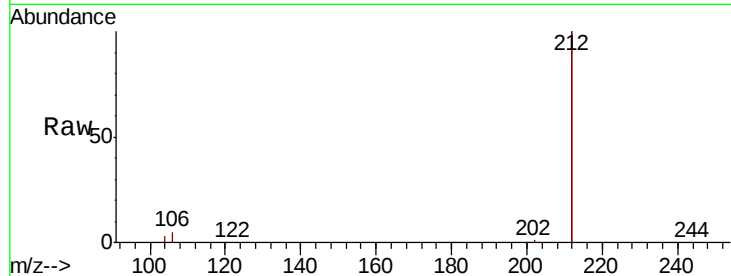




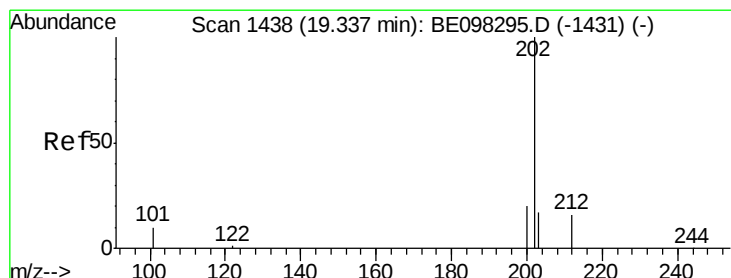
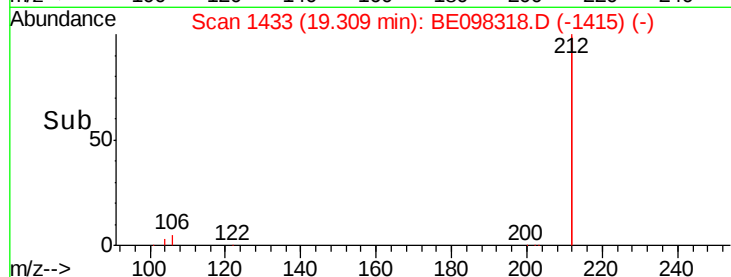
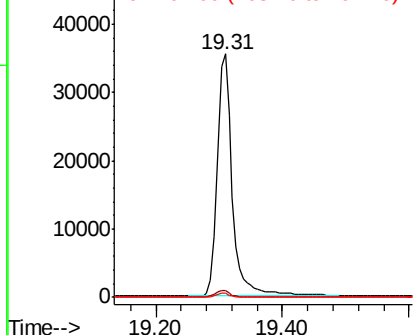
#25
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.31 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE098318.D
Acq: 11 Dec 2018 4:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 212 Resp: 58297
Ion Ratio Lower Upper
212 100
106 2.6 2.2 3.2
104 1.5 1.3 1.9

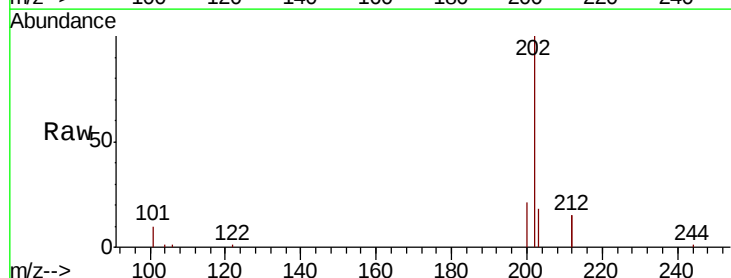


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

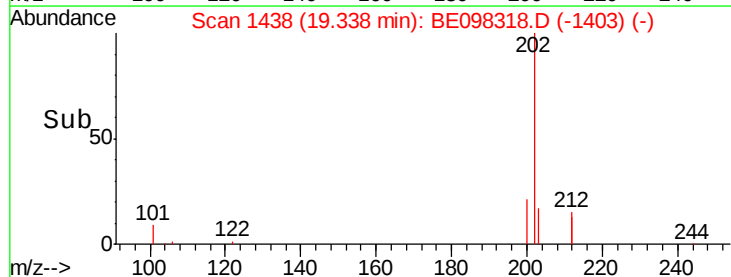
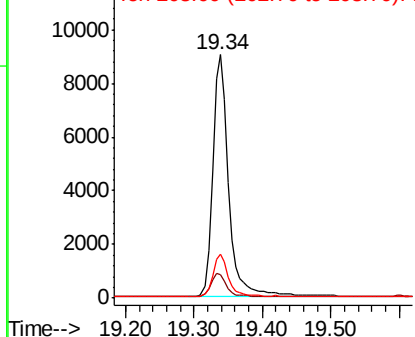


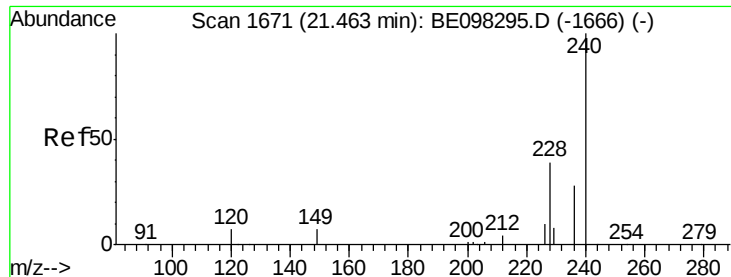
#26
Fluoranthene
Concen: 0.423 ng
RT: 19.34 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE098318.D
Acq: 11 Dec 2018 4:02

Tgt Ion: 202 Resp: 14718
Ion Ratio Lower Upper
202 100
101 9.9 8.0 12.0
203 16.5 13.8 20.6



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: BE098318.D

Acq: 11 Dec 2018 4:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

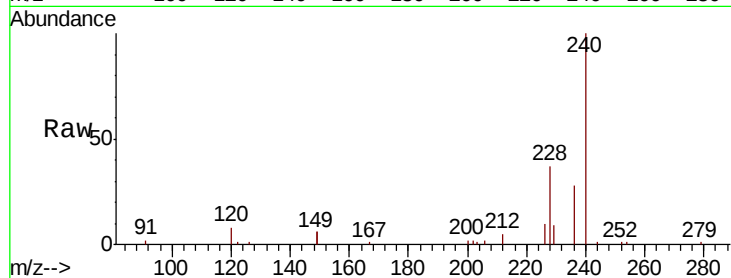
Tgt Ion:240 Resp: 13538

Ion Ratio Lower Upper

240 100

120 7.9 9.5 14.3#

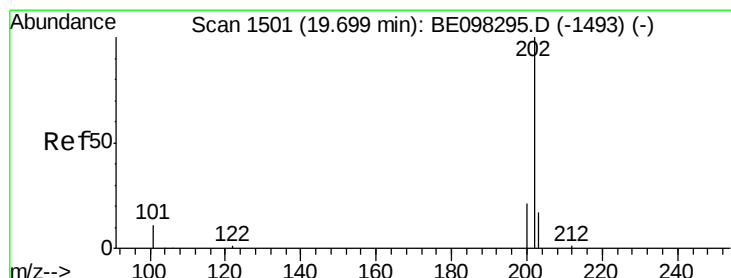
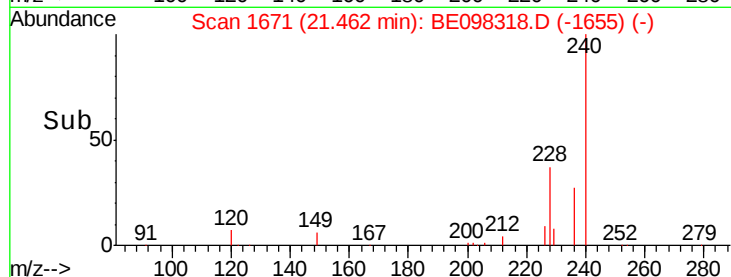
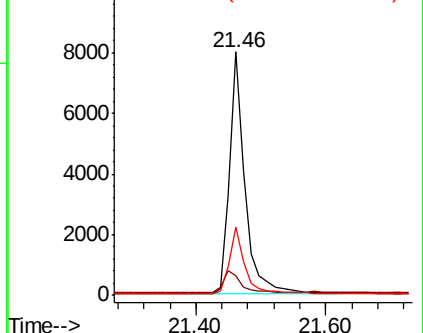
236 27.9 22.7 34.1



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: 0.349 ng

RT: 19.70 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

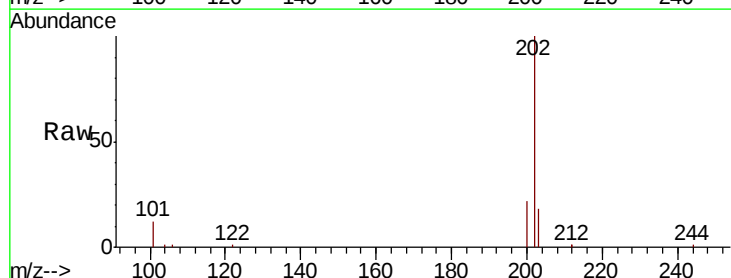
Tgt Ion:202 Resp: 14836

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

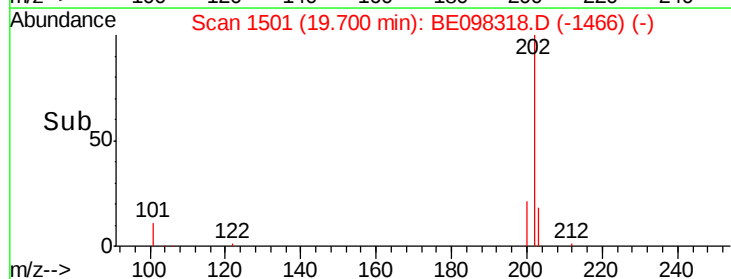
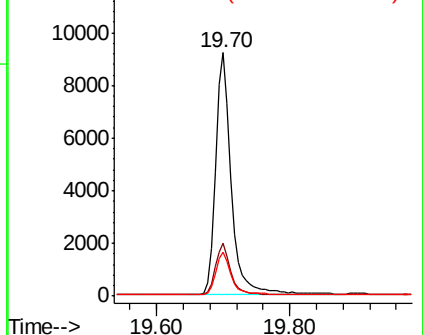
203 17.3 14.1 21.1

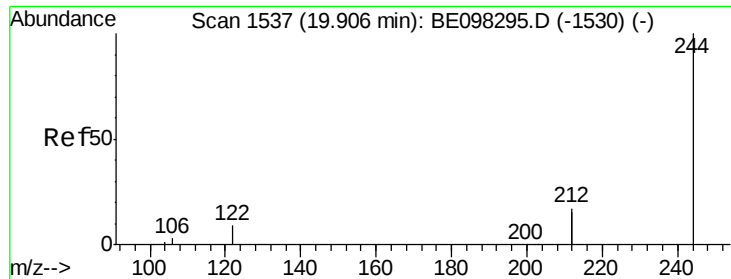


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.336 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

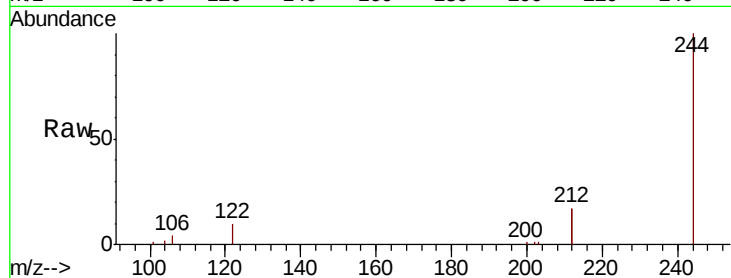
Tgt Ion:244 Resp: 11067

Ion Ratio Lower Upper

244 100

212 33.0 27.4 41.0

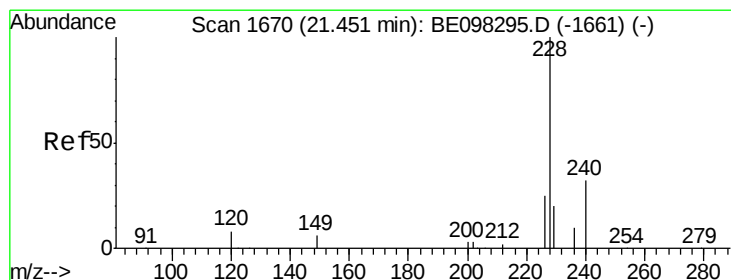
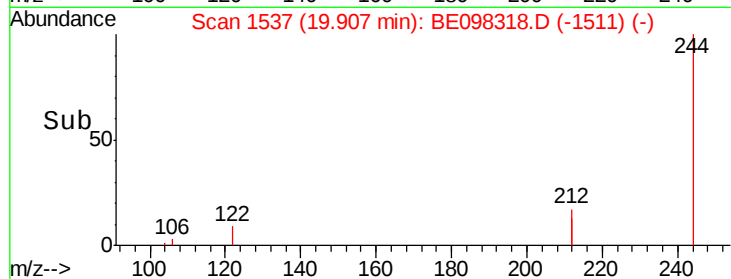
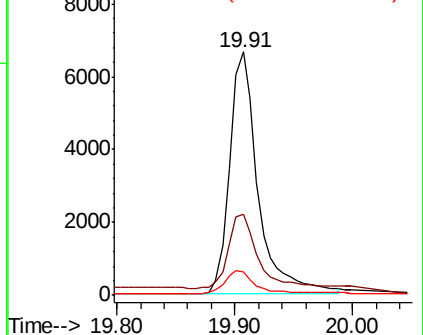
122 9.6 8.3 12.5



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: 0.375 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

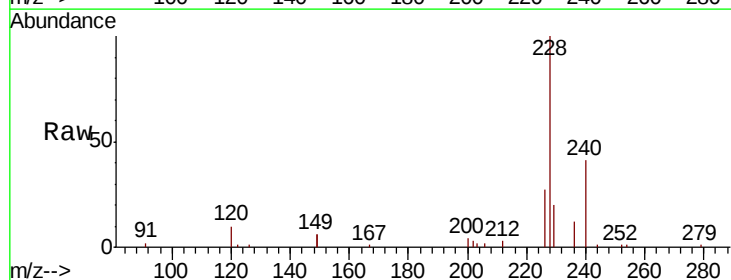
Tgt Ion:228 Resp: 14445

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

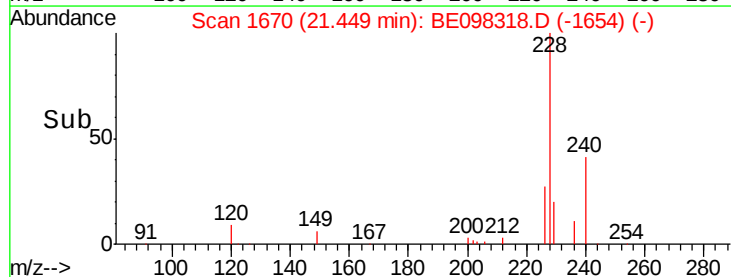
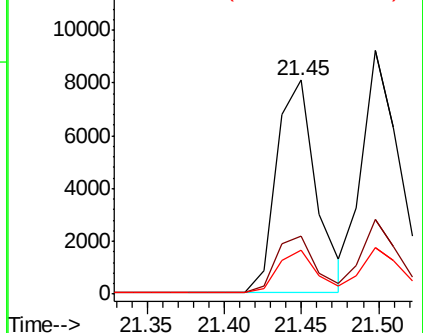
229 20.5 16.3 24.5

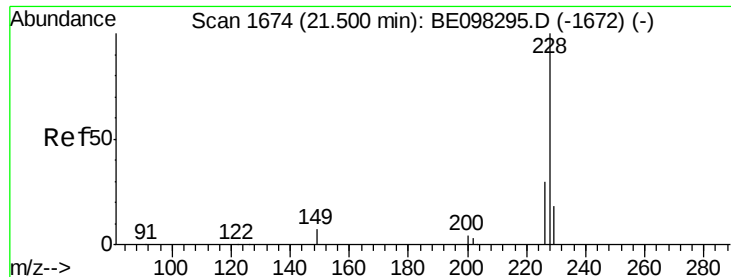


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.392 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

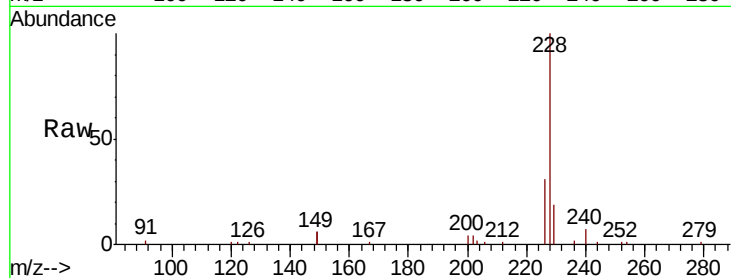
Tgt Ion:228 Resp: 15830

Ion Ratio Lower Upper

228 100

226 30.7 23.4 35.0

229 19.4 16.2 24.4

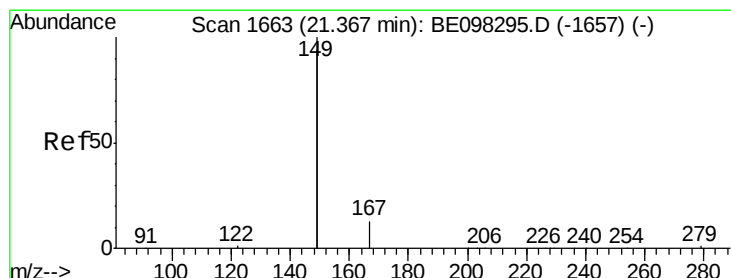
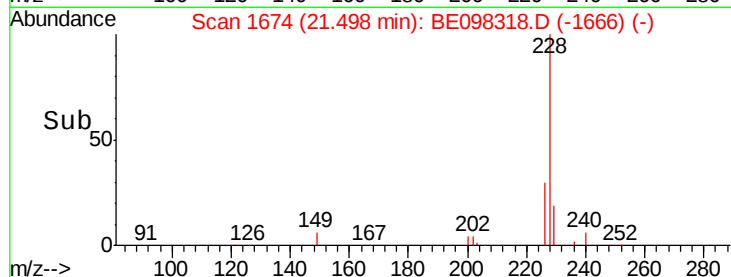
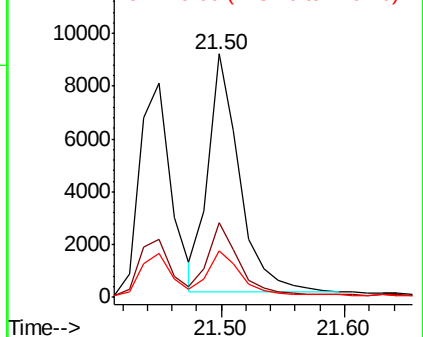


Abundance

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: 0.383 ng

RT: 21.36 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

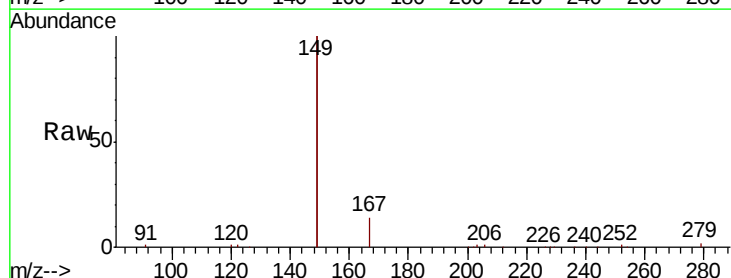
Tgt Ion:149 Resp: 29976

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

279 1.1 1.0 1.4

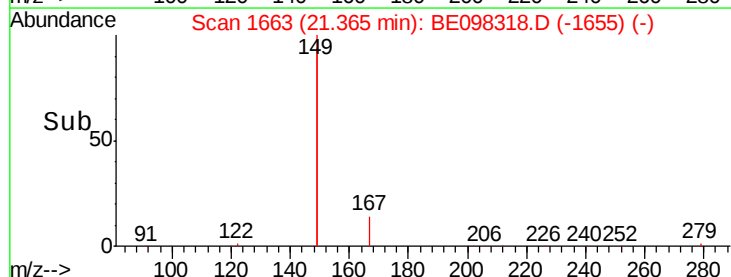
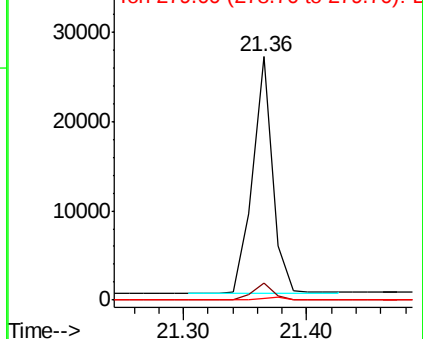


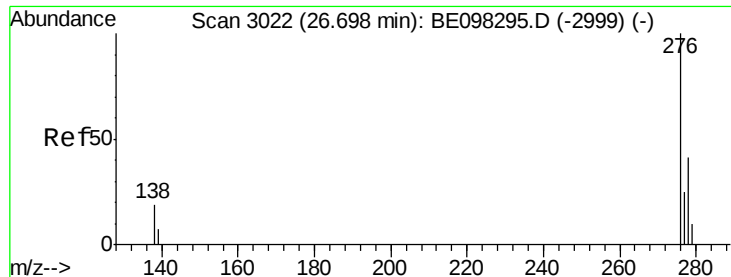
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.400 ng

RT: 26.70 min Scan# 3022

Delta R.T. 0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

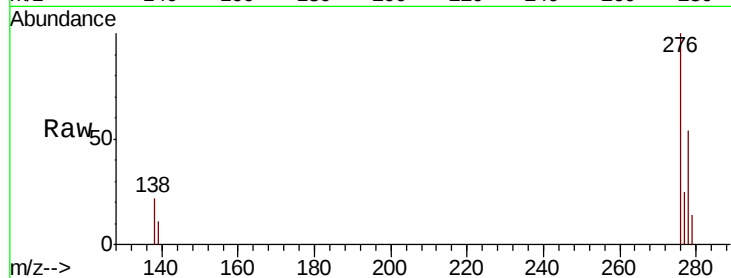
Tgt Ion:276 Resp: 16072

Ion Ratio Lower Upper

276 100

138 21.2 16.3 24.5

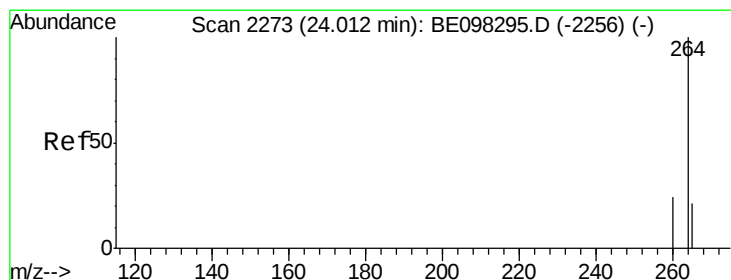
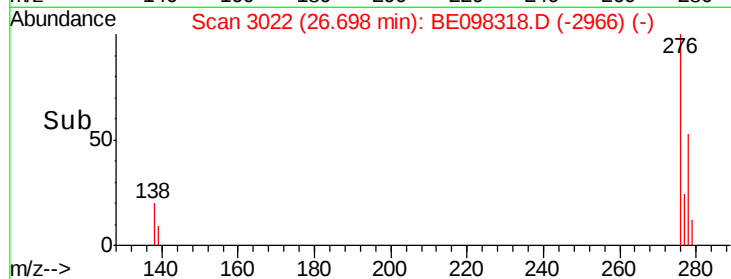
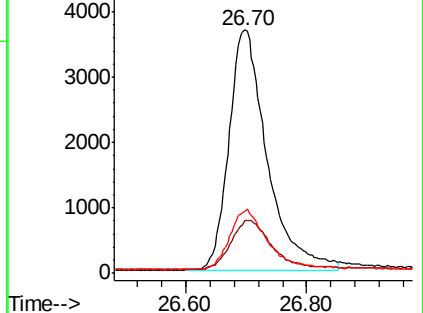
277 25.0 20.2 30.4



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: 24.01 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

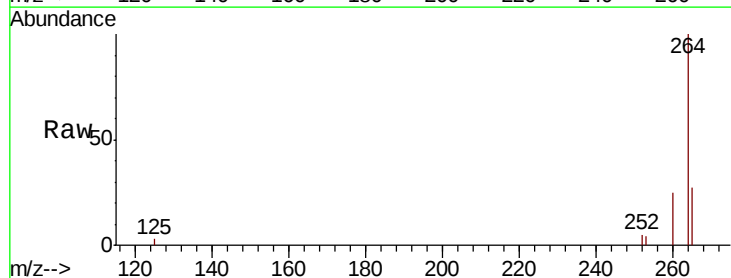
Tgt Ion:264 Resp: 13098

Ion Ratio Lower Upper

264 100

260 25.1 20.2 30.2

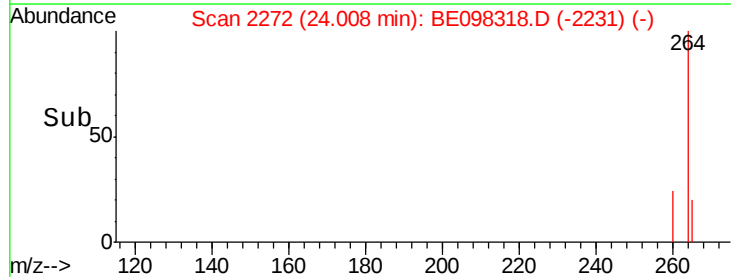
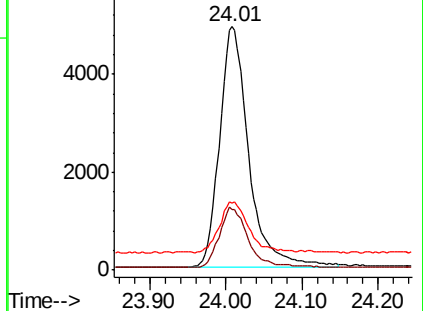
265 27.3 25.2 37.8

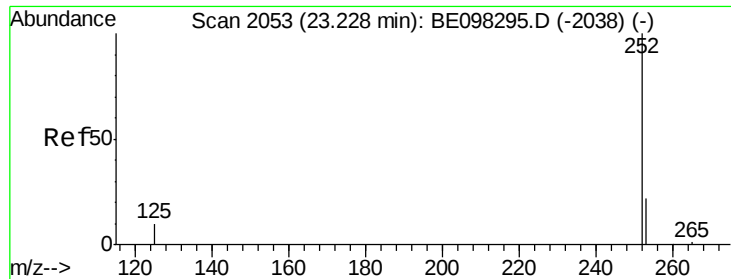


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.460 ng

RT: 23.28 min Scan# 2067

Delta R.T. 0.05 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

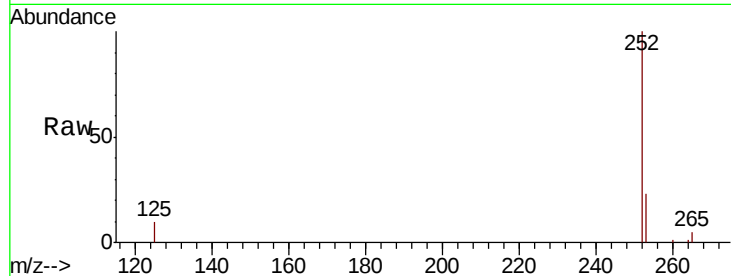
Tgt Ion:252 Resp: 16473

Ion Ratio Lower Upper

252 100

253 23.4 20.0 30.0

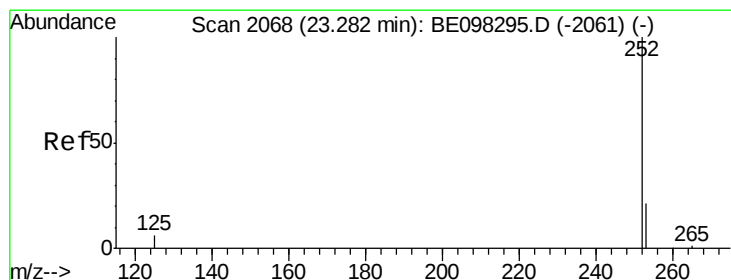
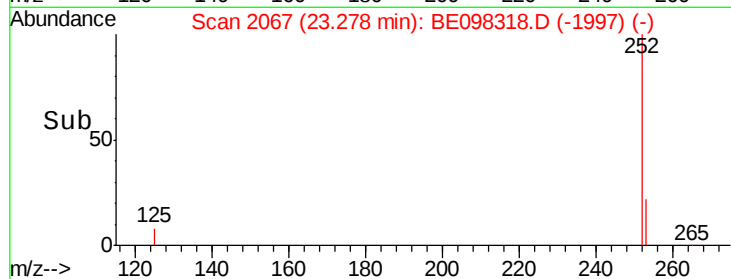
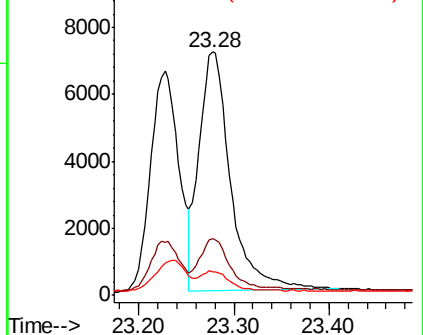
125 9.8 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.402 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

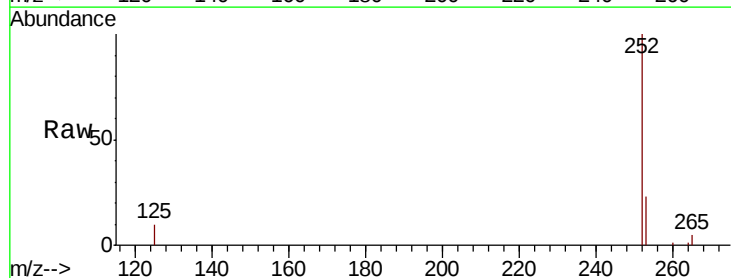
Tgt Ion:252 Resp: 16783

Ion Ratio Lower Upper

252 100

253 23.4 19.0 28.6

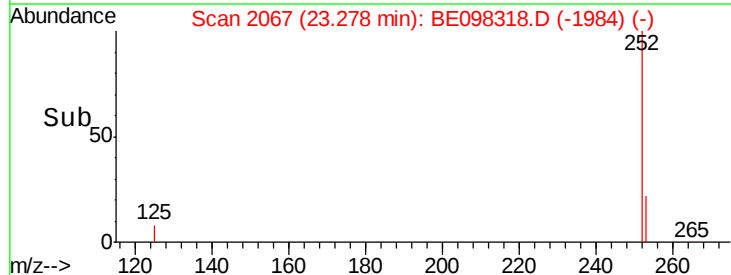
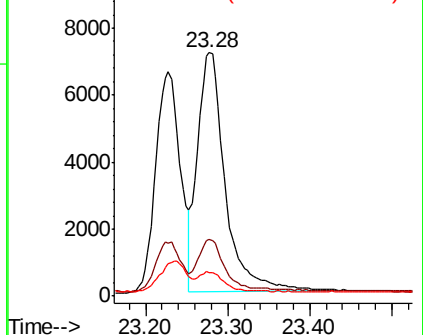
125 9.8 9.1 13.7

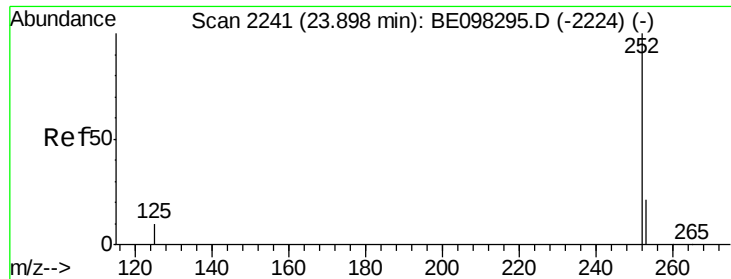


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.381 ng

RT: 23.89 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

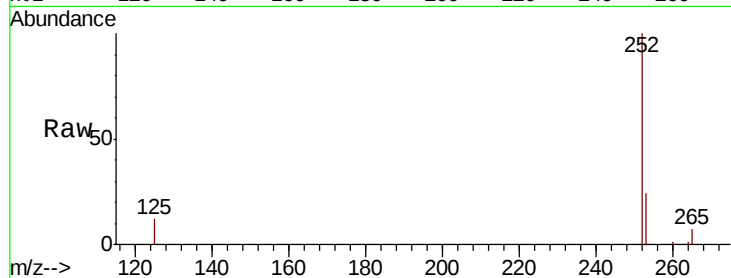
Tgt Ion: 252 Resp: 14092

Ion Ratio Lower Upper

252 100

253 24.3 20.6 30.8

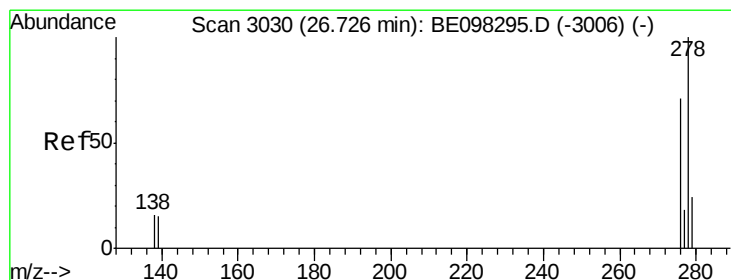
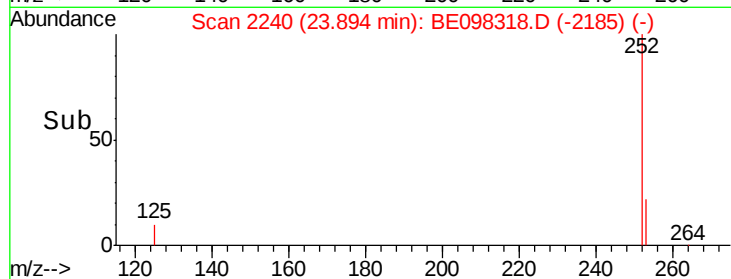
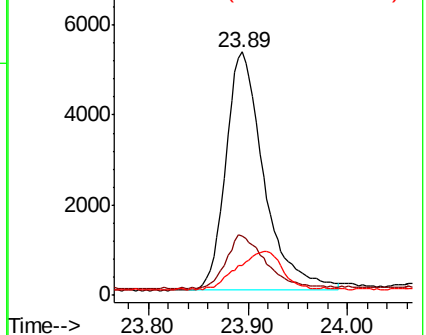
125 12.2 10.5 15.7



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: 0.386 ng

RT: 26.73 min Scan# 3030

Delta R.T. 0.00 min

Lab File: BE098318.D

Acq: 11 Dec 2018 4:02

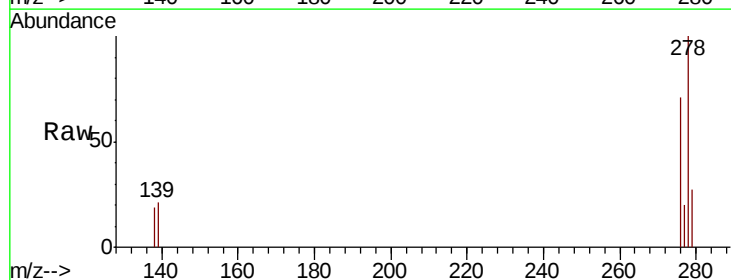
Tgt Ion: 278 Resp: 13427

Ion Ratio Lower Upper

278 100

139 20.9 14.5 21.7

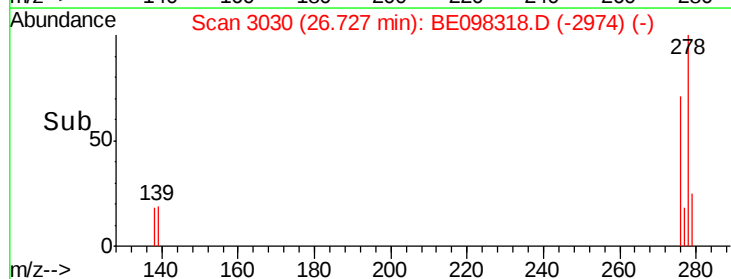
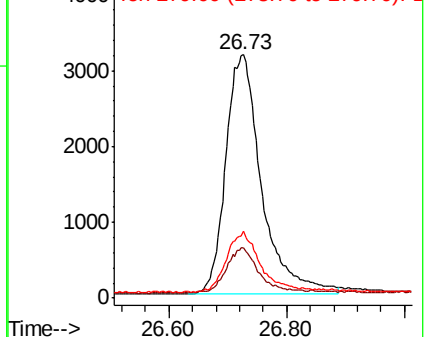
279 27.3 21.8 32.8

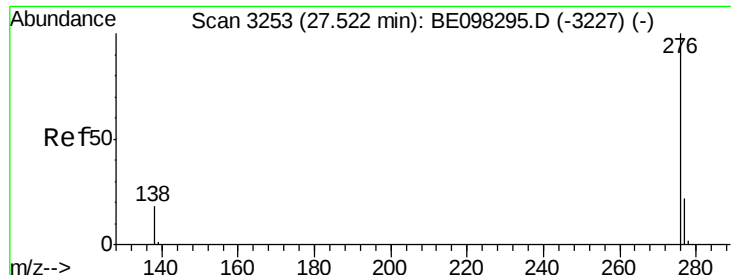


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.386 ng

RT: 27.52 min Scan# 3253

Delta R.T. 0.00 min

Lab File: BE098318.D

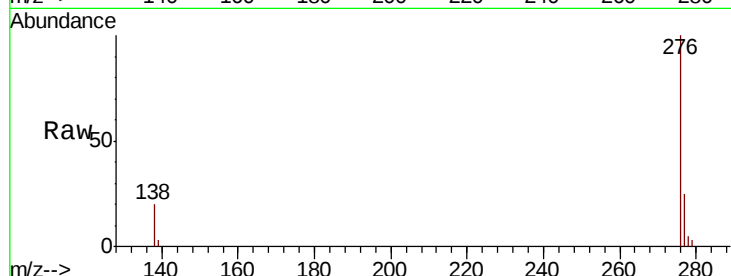
Acq: 11 Dec 2018 4:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 13532

Ion Ratio Lower Upper

276 100

277 24.9 20.8 31.2

138 19.5 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

